

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114792.D
 Acq On : 4 Jun 2019 13:19
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 13:55:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 13:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	424334	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1726768	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	846866	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1580471	20.00	ng	0.00
76) Chrysene-d12	13.79	240	785626	20.00	ng	0.00
87) Perylene-d12	15.18	264	1094644	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	2713318	120.91	ng	0.00
7) Phenol-d6	6.31	99	3283039	120.93	ng	0.00
23) Nitrobenzene-d5	7.24	82	3181455	117.60	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1017940	118.78	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4952034	105.38	ng	0.00
79) Terphenyl-d14	12.75	244	4624533	109.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	670072	61.654	ng	100
3) Pyridine	2.97	79	1884568	62.038	ng	98
4) n-Nitrosodimethylamine	2.93	42	689352	60.747	ng	92
6) Aniline	6.34	93	2352610	58.239	ng	94
8) 2-Chlorophenol	6.46	128	1590297	58.723	ng	99
9) Benzaldehyde	6.21	77	1159604	71.232	ng	99
10) Phenol	6.33	94	1858405	57.661	ng	99
11) bis(2-Chloroethyl)ether	6.42	93	1525217	60.083	ng	99
12) 1,3-Dichlorobenzene	6.61	146	1847930	59.008	ng	98
13) 1,4-Dichlorobenzene	6.69	146	1846875	58.543	ng	97
14) 1,2-Dichlorobenzene	6.85	146	1624505	57.040	ng	98
15) Benzyl Alcohol	6.82	79	1258677	58.605	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2184278	59.558	ng	98
17) 2-Methylphenol	6.93	107	1382832	60.018	ng	98
18) Hexachloroethane	7.19	117	716448	60.299	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	1126620	59.777	ng	98
20) 3+4-Methylphenols	7.09	107	1420995	55.782	ng	98
22) Acetophenone	7.09	105	2104860	57.548	ng	99
24) Nitrobenzene	7.26	77	1633473	58.173	ng	97
25) Isophorone	7.50	82	3199821	59.316	ng	98
26) 2-Nitrophenol	7.57	139	930309	61.224	ng	94
27) 2,4-Dimethylphenol	7.62	122	1368278	58.773	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	2032600	58.675	ng	99
29) 2,4-Dichlorophenol	7.82	162	1446440	58.958	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	1641483	58.524	ng	99
31) Naphthalene	7.97	128	4221966	56.242	ng	96
32) Benzoic acid	7.77	122	1075123	64.802	ng	99
33) 4-Chloroaniline	8.02	127	2091956	57.372	ng	97
34) Hexachlorobutadiene	8.10	225	932818	58.419	ng	99
35) Caprolactam	8.42	113	421443	53.401	ng	98
36) 4-Chloro-3-methylphenol	8.51	107	1419682	58.590	ng	98
37) 2-Methylnaphthalene	8.66	142	2968209	56.777	ng	98
38) 1-Methylnaphthalene	8.76	142	2782879	56.165	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1354143	57.422	ng	100

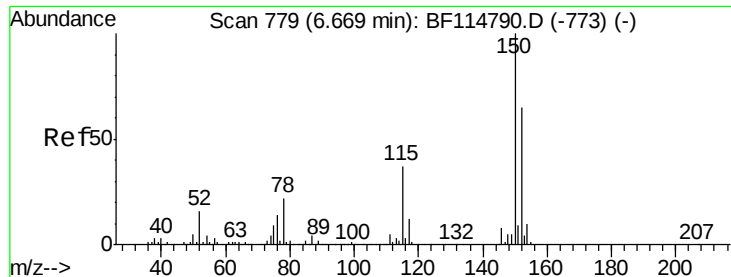
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114792.D
 Acq On : 4 Jun 2019 13:19
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 13:55:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 13:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	877727	59.717	ng	100
43) 2,4,6-Trichlorophenol	8.94	196	1104054	59.968	ng	98
44) 2,4,5-Trichlorophenol	8.98	196	1103396	60.397	ng	98
46) 1,1'-Biphenyl	9.13	154	3389446	56.012	ng	98
47) 2-Chloronaphthalene	9.15	162	2954460	57.713	ng	96
48) 2-Nitroaniline	9.25	65	929639	60.260	ng	95
49) Acenaphthylene	9.56	152	4159962	55.673	ng	97
50) Dimethylphthalate	9.44	163	3400117	56.580	ng	98
51) 2,6-Dinitrotoluene	9.49	165	849119	60.906	ng	96
52) Acenaphthene	9.73	154	2801098	57.667	ng	100
53) 3-Nitroaniline	9.66	138	961674	57.900	ng	98
54) 2,4-Dinitrophenol	9.76	184	419425	63.720	ng	97
55) Dibenzofuran	9.90	168	3622224	55.649	ng	95
56) 4-Nitrophenol	9.82	139	722644	60.179	ng	94
57) 2,4-Dinitrotoluene	9.89	165	1070047	60.633	ng	98
58) Fluorene	10.25	166	2499765	53.539	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	904058	60.640	ng	100
60) Diethylphthalate	10.13	149	3447395	57.330	ng	98
61) 4-Chlorophenyl-phenylether	10.24	204	1301846	54.110	ng	98
62) 4-Nitroaniline	10.27	138	955355	59.486	ng	99
63) Azobenzene	10.40	77	2915274	56.507	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	515584	63.065	ng	97
66) n-Nitrosodiphenylamine	10.36	169	2646563	56.991	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	1022592	58.577	ng	96
68) Hexachlorobenzene	10.79	284	1116830	58.510	ng	95
69) Atrazine	10.89	200	947003	68.679	ng	99
70) Pentachlorophenol	10.98	266	679129	62.345	ng	98
71) Phenanthrene	11.20	178	4037176	55.033	ng	97
72) Anthracene	11.25	178	4010664	54.492	ng	98
73) Carbazole	11.40	167	3687973	55.364	ng	99
74) Di-n-butylphthalate	11.74	149	4542949	53.497	ng	97
75) Fluoranthene	12.37	202	3986550	54.048	ng	97
77) Benzidine	12.50	184	2337599	75.261	ng	97
78) Pyrene	12.60	202	4033101	61.512	ng	98
80) Butylbenzylphthalate	13.23	149	2120335	62.902	ng	98
81) Benzo(a)anthracene	13.78	228	3599992	61.389	ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	1485683	63.874	ng	98
83) Chrysene	13.82	228	3480606	61.542	ng	97
84) Bis(2-ethylhexyl)phthalate	13.80	149	2581878	61.123	ng	# 97
85) Di-n-octyl phthalate	14.41	149	4396937	61.281	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	4067222	61.184	ng	100
88) Benzo(b)fluoranthene	14.80	252	4053109	60.986	ng	99
89) Benzo(k)fluoranthene	14.83	252	3025907	54.338	ng	98
90) Benzo(a)pyrene	15.13	252	3422181	58.501	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	3218372	57.963	ng	99
92) Benzo(g,h,i)perylene	16.89	276	3287126	58.549	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

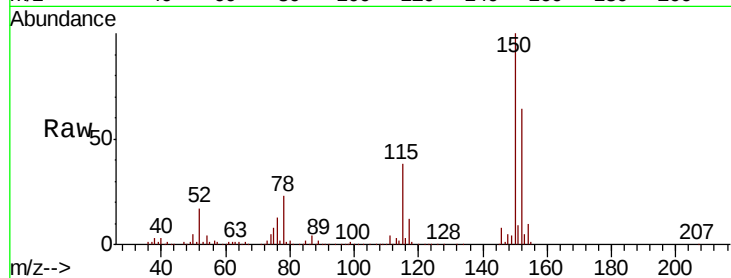


#1

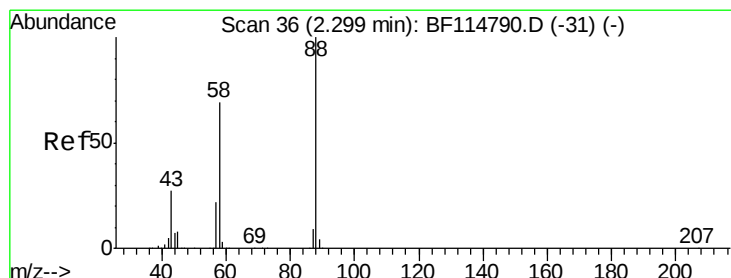
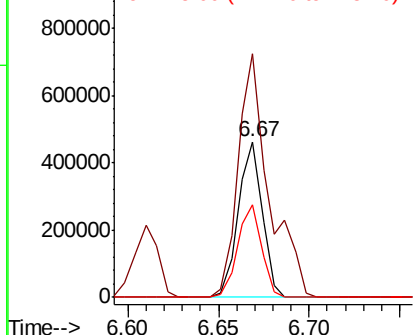
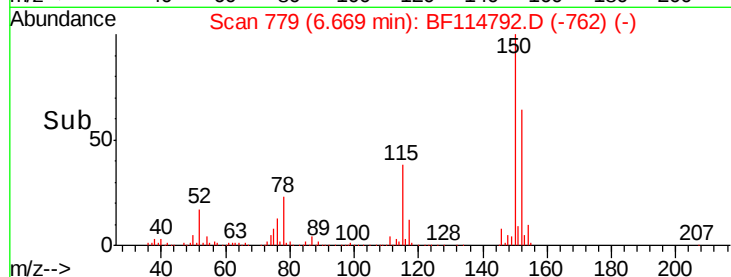
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 424334
Ion Ratio Lower Upper
152 100
150 156.2 124.0 186.0
115 59.0 46.3 69.5



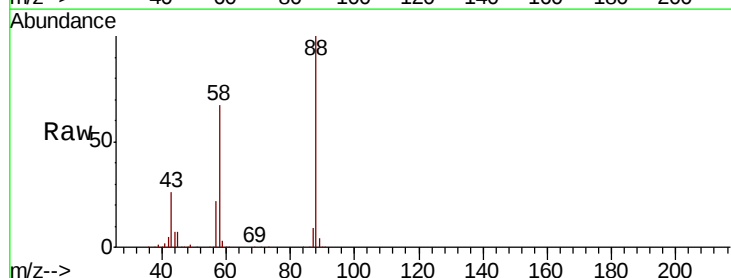
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



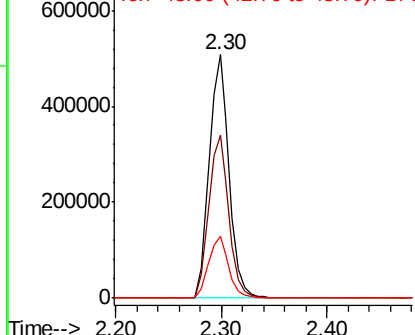
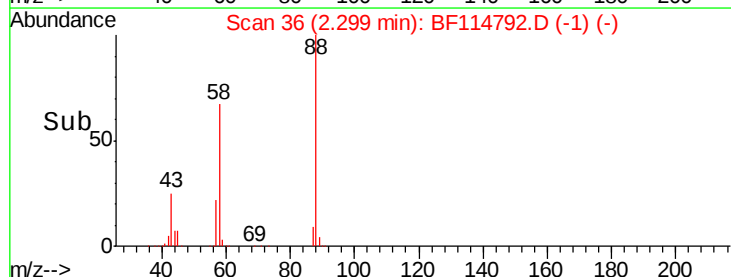
#2

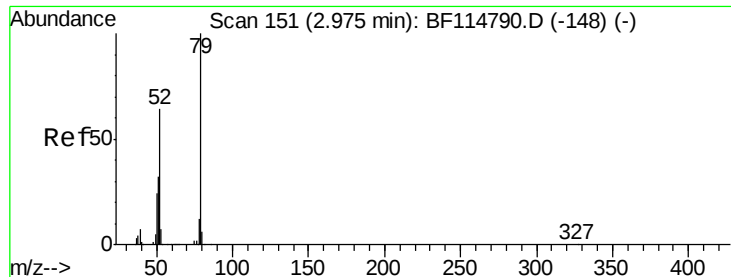
1,4-Dioxane
Concen: 61.654 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion: 88 Resp: 670072
Ion Ratio Lower Upper
88 100
58 67.2 53.8 80.8
43 25.6 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 62.038 ng

RT: 2.97 min Scan# 151

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampled :

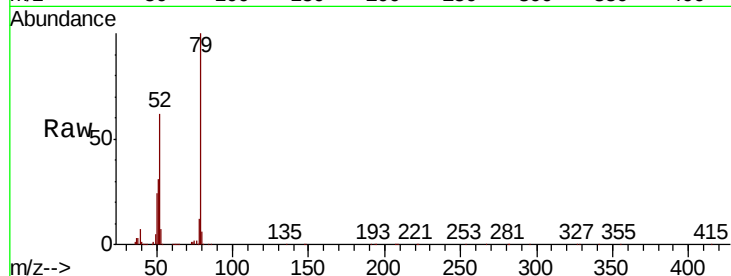
Tot Ion: 79 Resp: 1884568

Ion Ratio Lower Upper

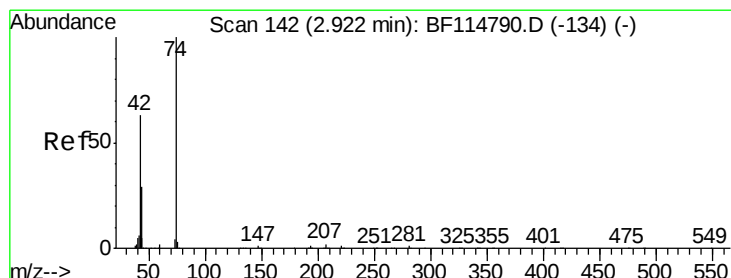
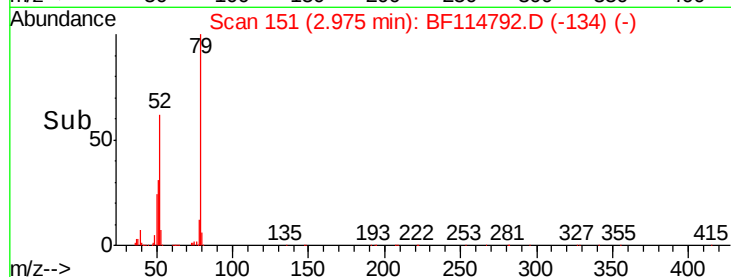
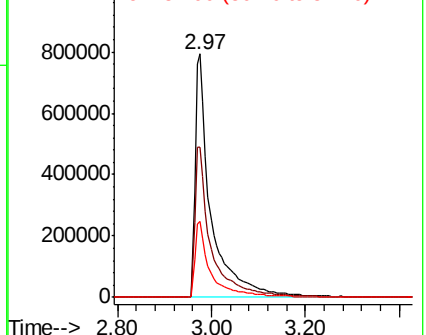
79 100

52 61.5 51.0 76.4

51 31.0 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 60.747 ng

RT: 2.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

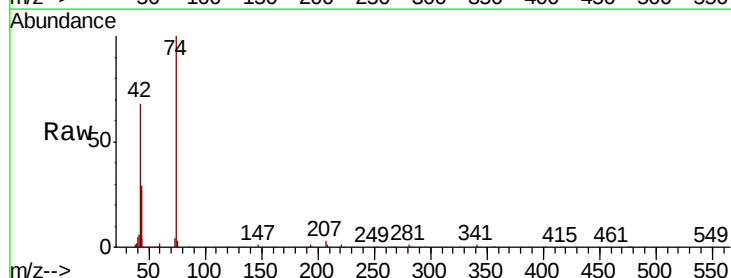
Tgt Ion: 42 Resp: 689352

Ion Ratio Lower Upper

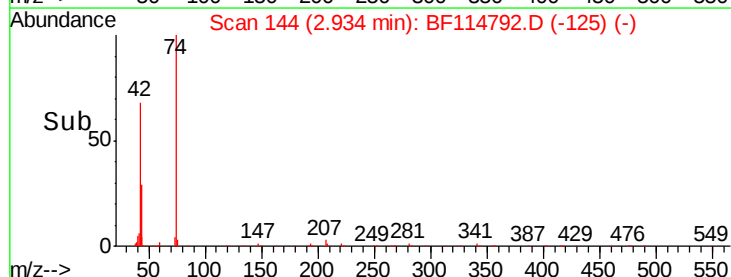
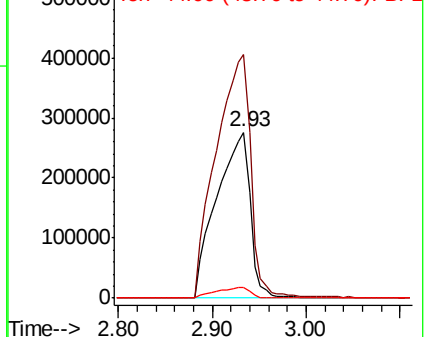
42 100

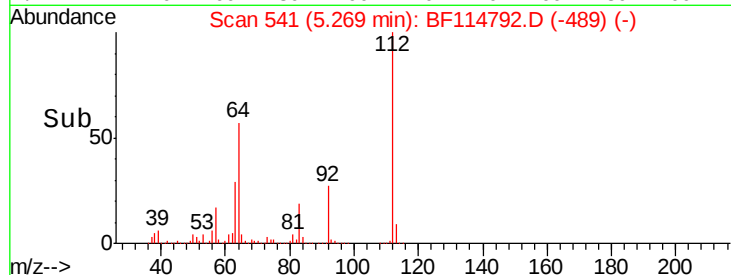
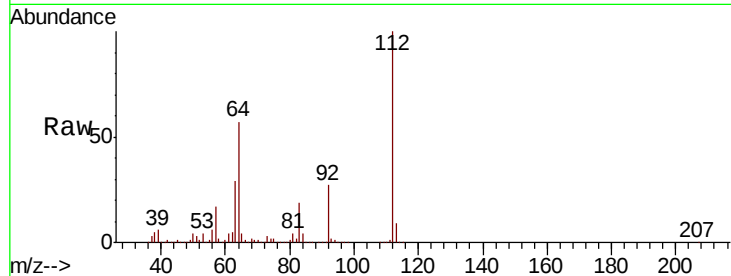
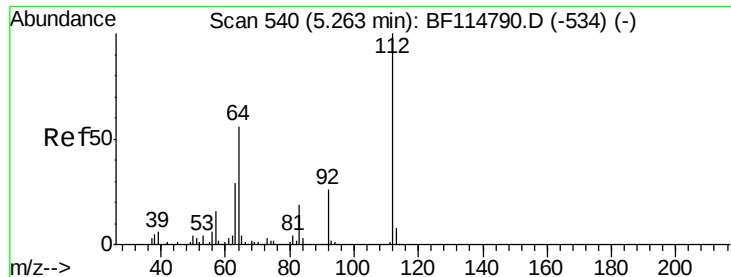
74 147.0 126.2 189.2

44 6.4 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.913 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampled :

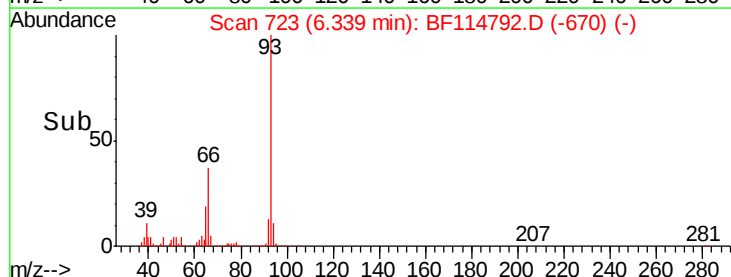
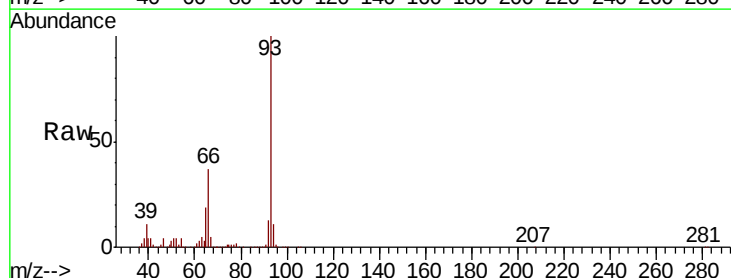
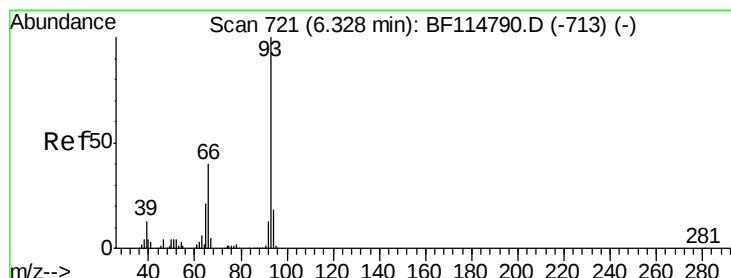
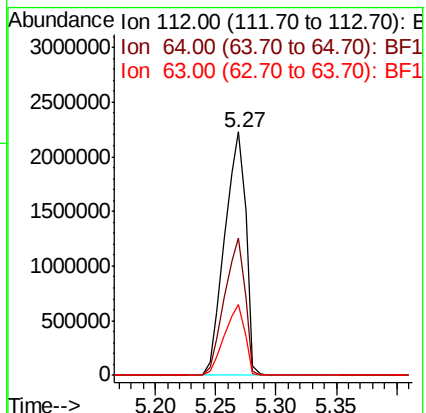
Tot Ion:112 Resp: 2713318

Ion Ratio Lower Upper

112 100

64 56.5 44.6 66.8

63 29.3 23.0 34.4



#6

Aniline

Concen: 58.239 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

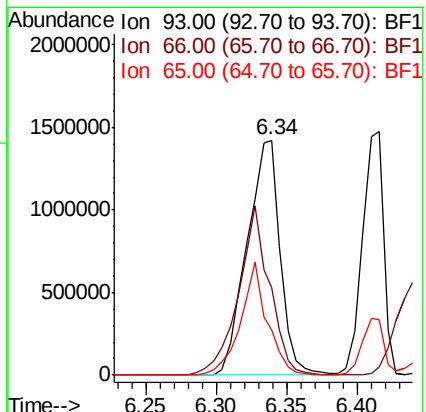
Tgt Ion: 93 Resp: 2352610

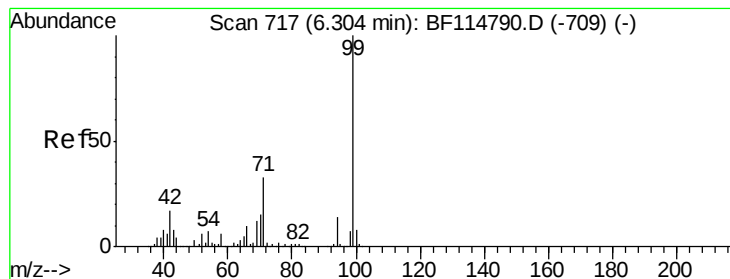
Ion Ratio Lower Upper

93 100

66 37.2 32.8 49.2

65 19.0 16.9 25.3





#7

Phenol-d6

Concen: 120.926 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

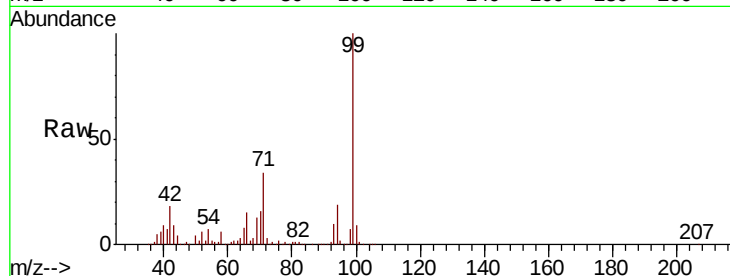
Tot Ion: 99 Resp: 3283039

Ion Ratio Lower Upper

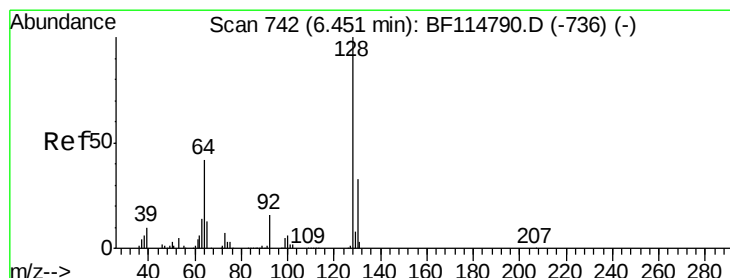
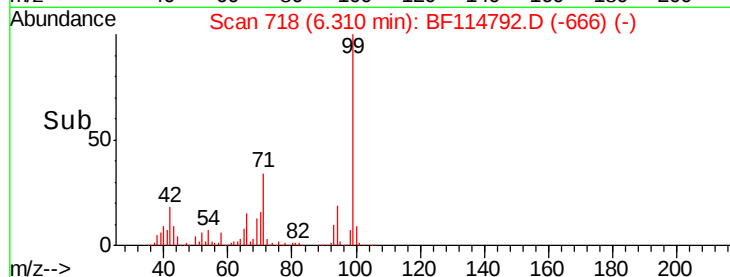
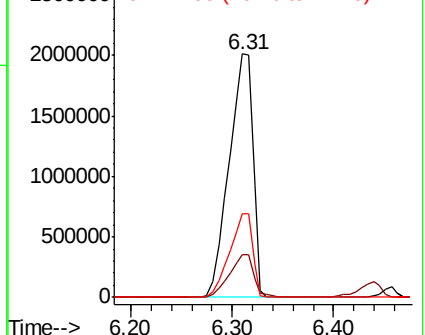
99 100

42 17.5 13.3 19.9

71 34.2 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 58.723 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

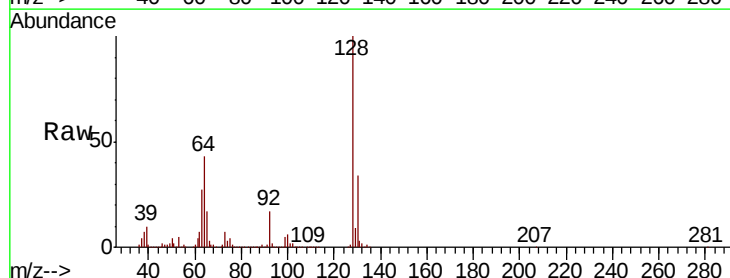
Tgt Ion:128 Resp: 1590297

Ion Ratio Lower Upper

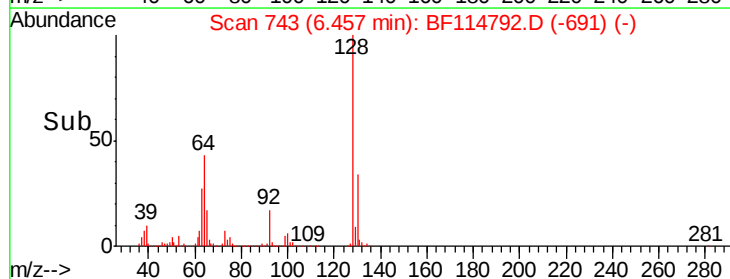
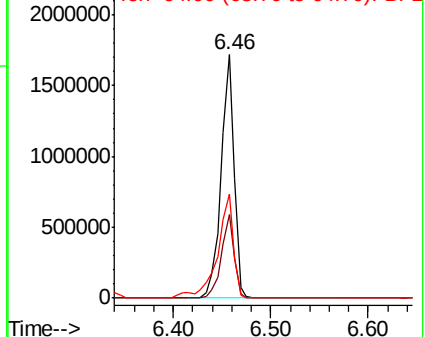
128 100

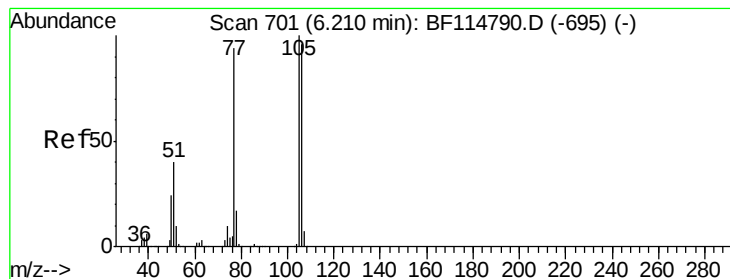
130 34.1 12.7 52.7

64 42.7 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 71.232 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

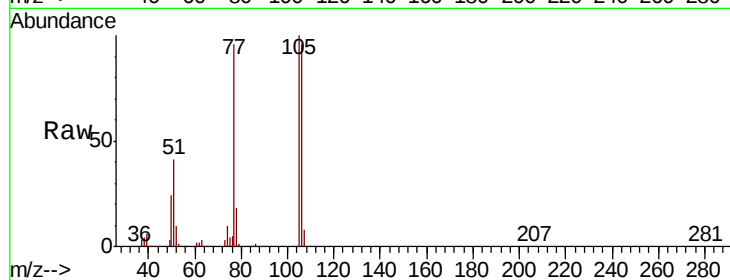
Tot Ion: 77 Resp: 1159604

Ion Ratio Lower Upper

77 100

105 104.2 85.8 125.8

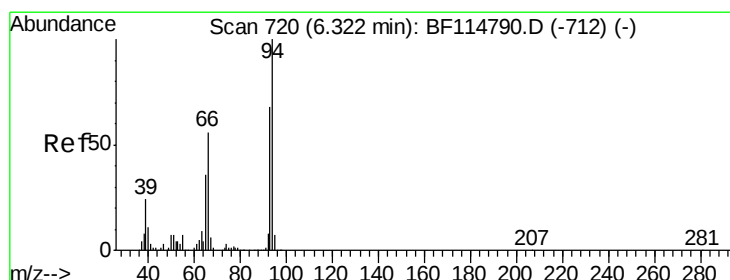
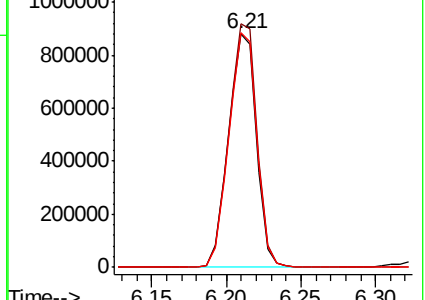
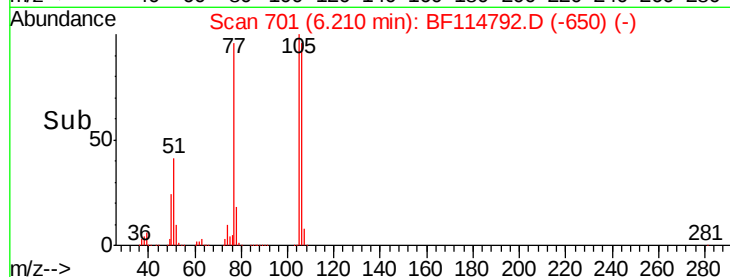
106 100.5 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 57.661 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

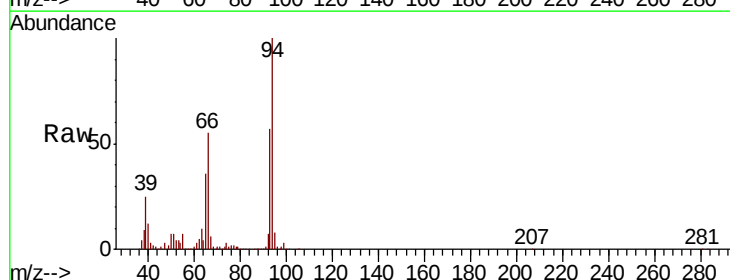
Tgt Ion: 94 Resp: 1858405

Ion Ratio Lower Upper

94 100

65 36.2 16.1 56.1

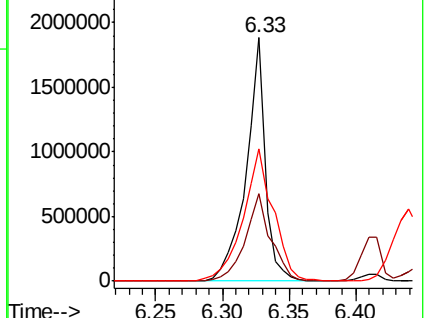
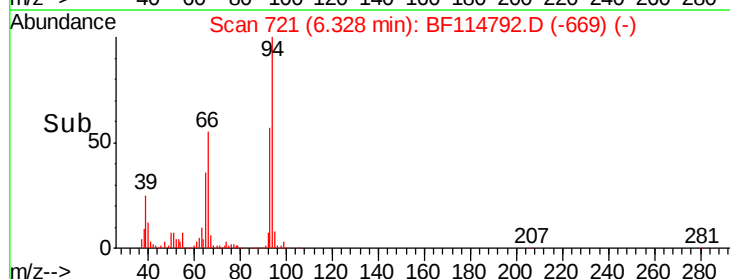
66 54.6 36.3 76.3

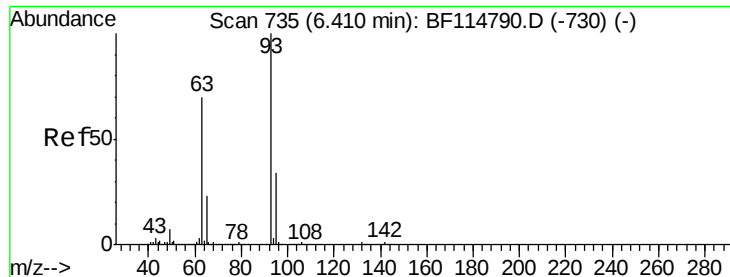


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



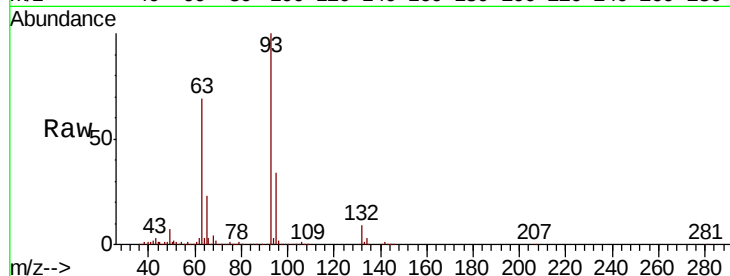


#11
 bis(2-Chloroethyl)ether
 Concen: 60.083 ng
 RT: 6.42 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

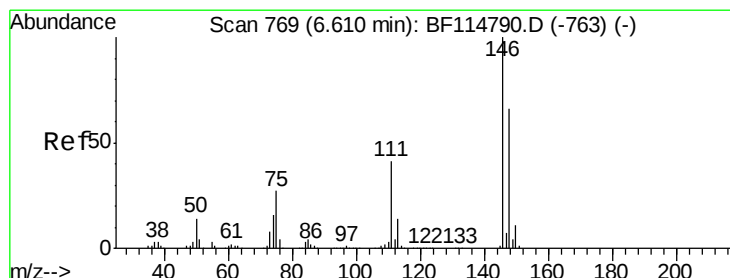
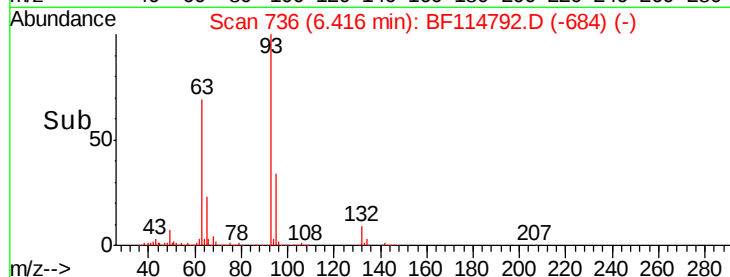
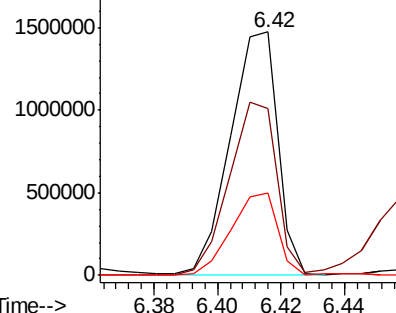
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 1525217

Ion	Ratio	Lower	Upper
93	100		
63	68.5	49.6	89.6
95	33.6	13.6	53.6



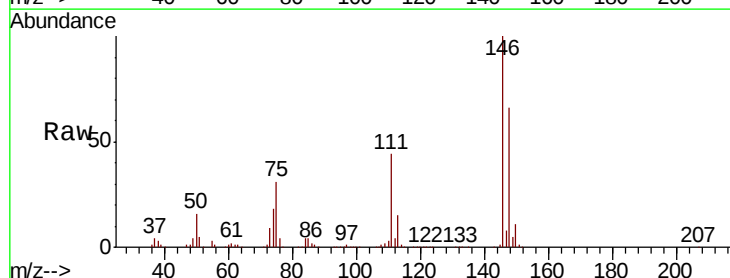
Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1



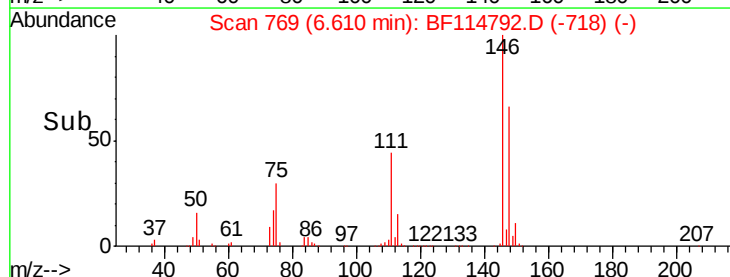
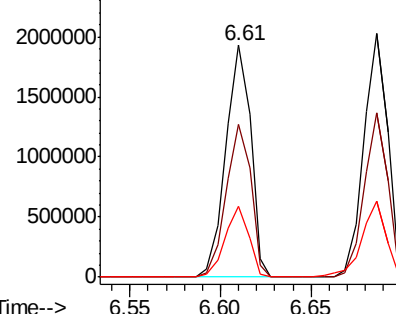
#12
 1,3-Dichlorobenzene
 Concen: 59.008 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

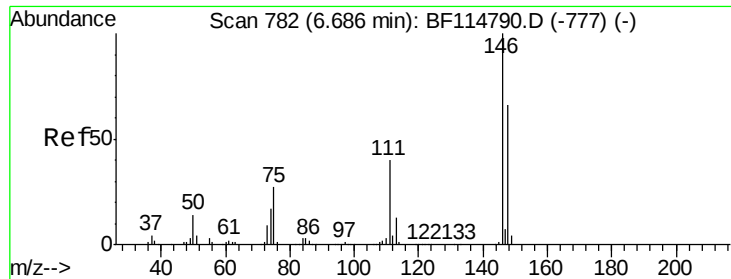
Tgt Ion: 146 Resp: 1847930

Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.7	79.1
75	30.6	22.0	33.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

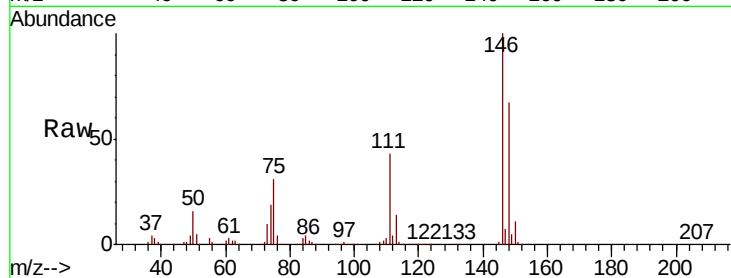




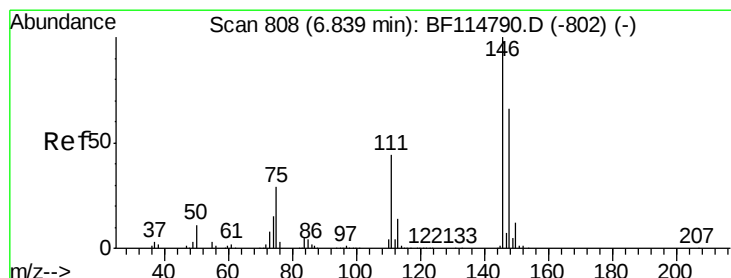
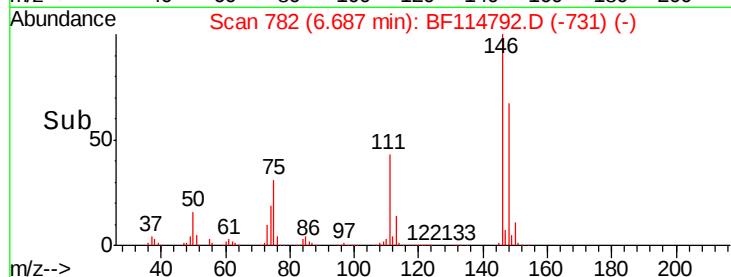
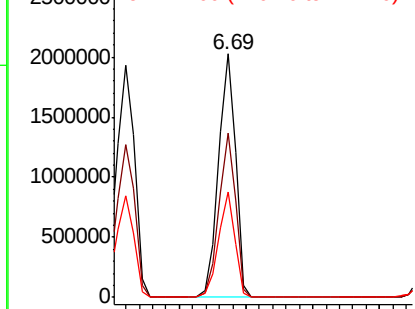
#13
 1,4-Dichlorobenzene
 Concen: 58.543 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 1846875
 Ion Ratio Lower Upper
 146 100
 148 67.4 53.0 79.4
 111 43.3 32.2 48.4

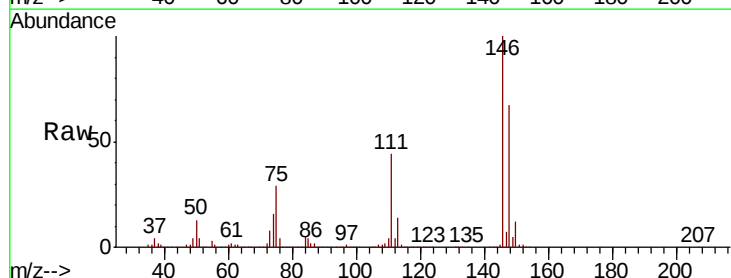


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

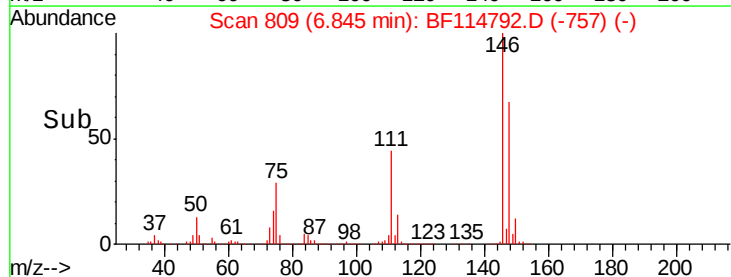
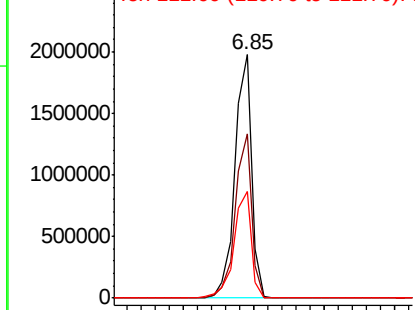


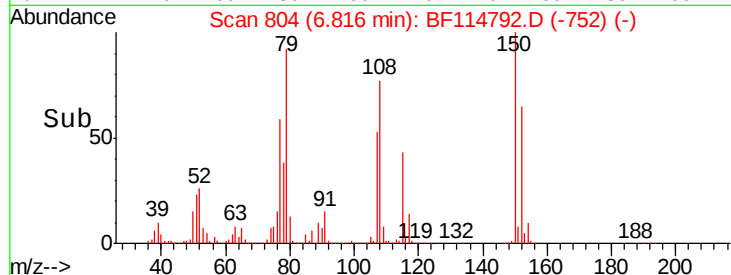
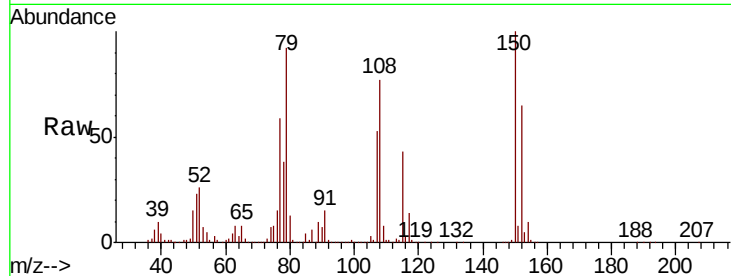
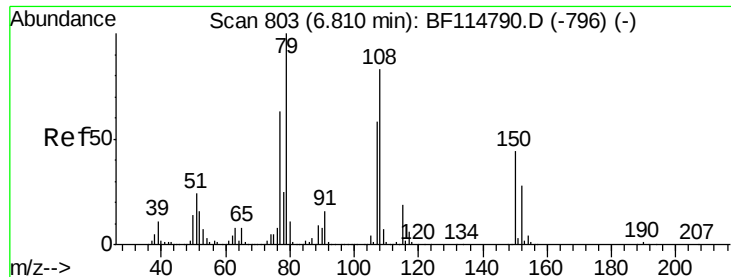
#14
 1,2-Dichlorobenzene
 Concen: 57.040 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Tgt Ion:146 Resp: 1624505
 Ion Ratio Lower Upper
 146 100
 148 67.2 52.5 78.7
 111 44.0 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

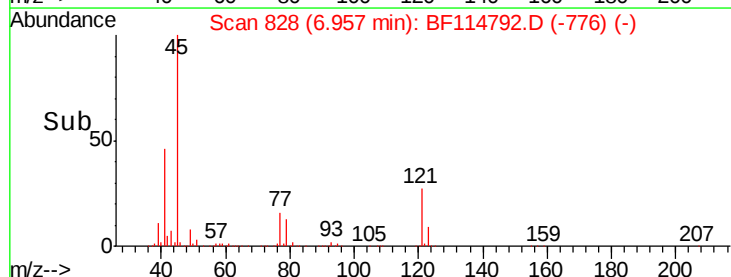
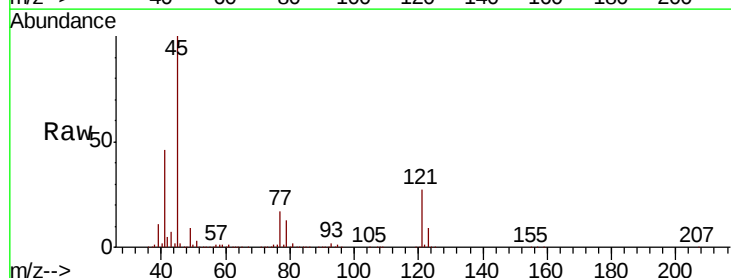
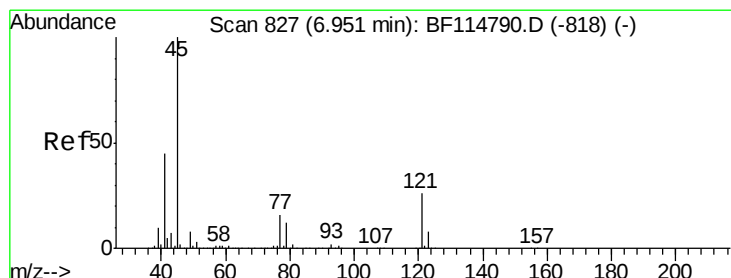
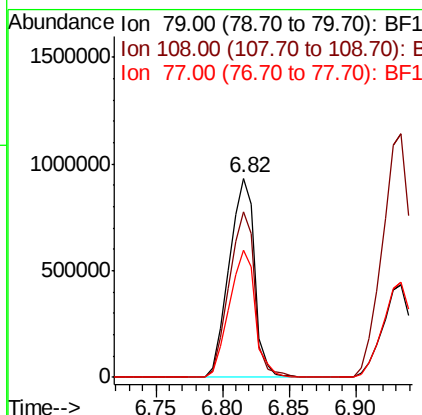




#15
Benzyl Alcohol
Concen: 58.605 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

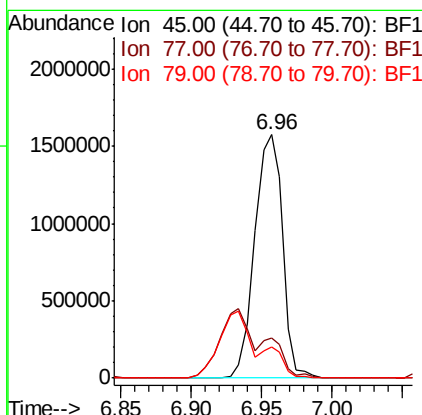
Instrument :
BNA_F
ClientSampled :

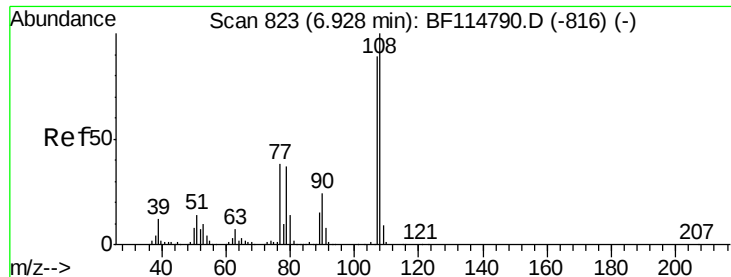
Tot Ion: 79 Resp: 1258677
Ion Ratio Lower Upper
79 100
108 83.5 66.8 100.2
77 64.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.558 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion: 45 Resp: 2184278
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.8
79 12.9 0.0 32.0

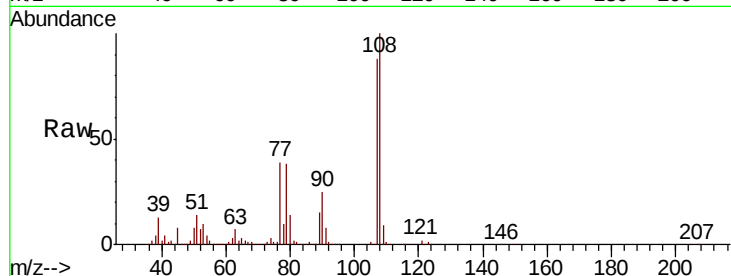




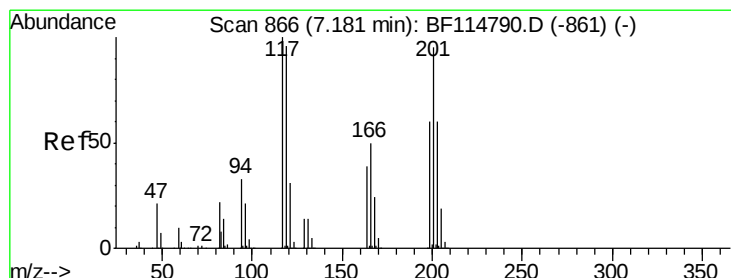
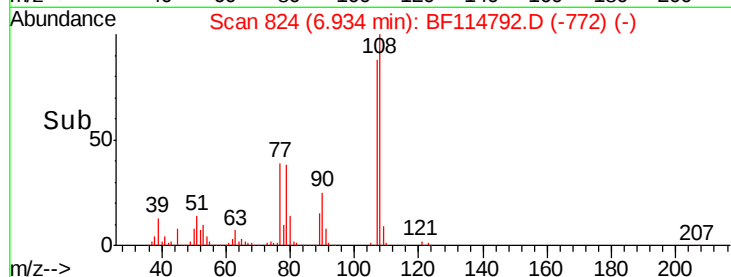
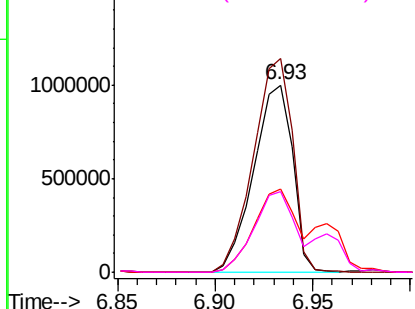
#17
2-Methylphenol
Concen: 60.018 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1382832
Ion Ratio Lower Upper
107 100
108 114.1 90.2 135.2
77 44.7 34.5 51.7
79 43.3 33.8 50.6

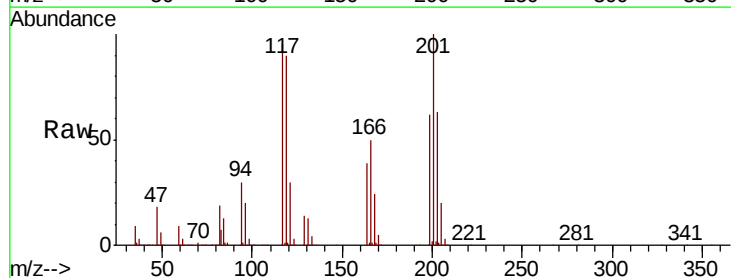


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

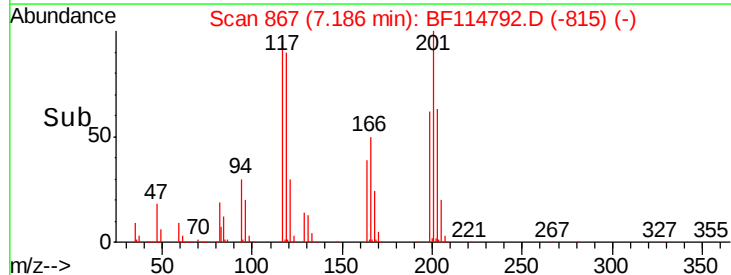
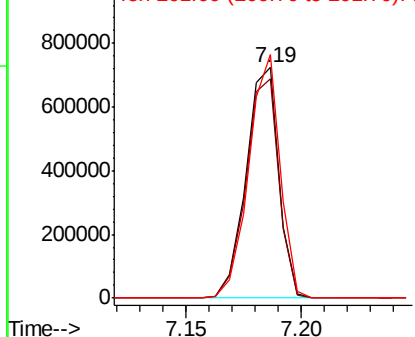


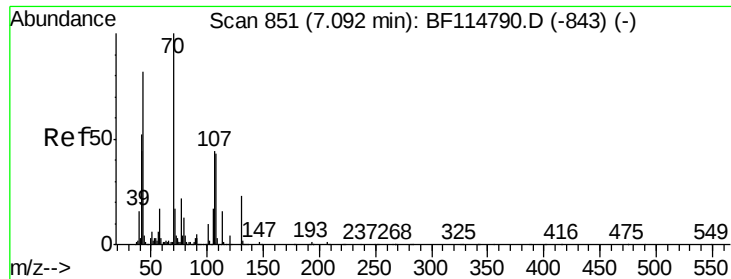
#18
Hexachloroethane
Concen: 60.299 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:117 Resp: 716448
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4
201 105.6 76.0 114.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

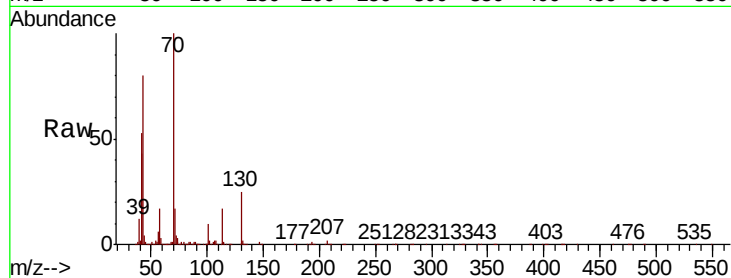




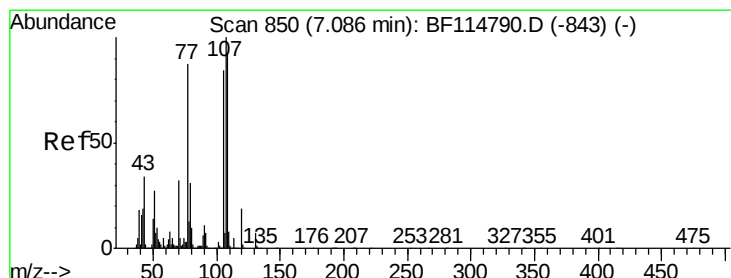
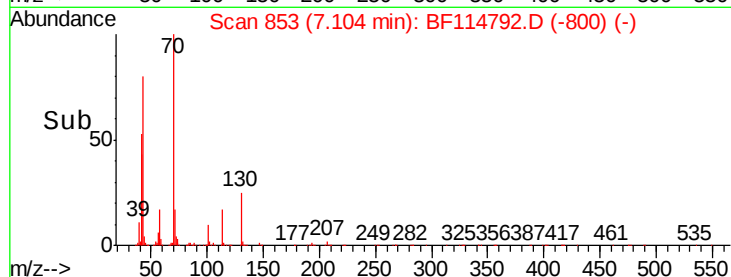
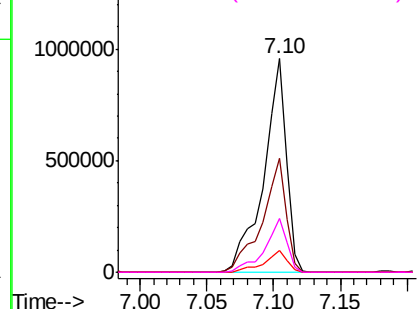
#19
n-Nitroso-di-n-propylamine
Concen: 59.777 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 1126620
Ion Ratio Lower Upper
70 100
42 53.3 41.8 62.8
101 10.2 8.2 12.4
130 25.0 18.5 27.7

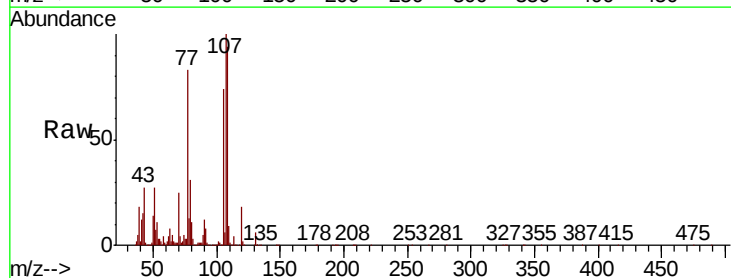


Abundance Ion 70.00 (69.70 to 70.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

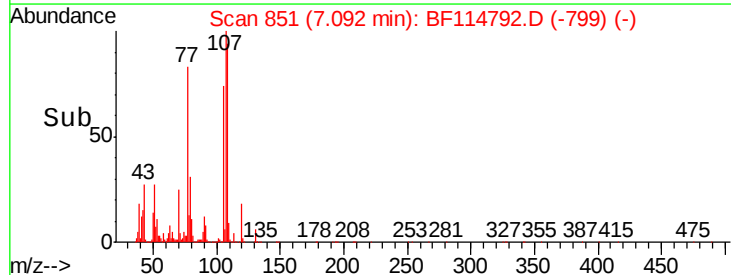
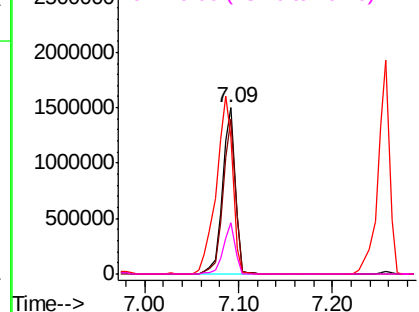


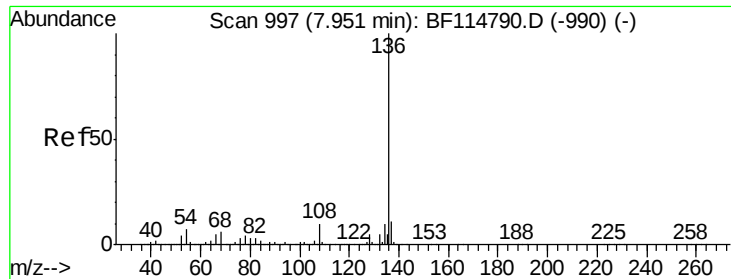
#20
3+4-Methylphenols
Concen: 55.782 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:107 Resp: 1420995
Ion Ratio Lower Upper
107 100
108 93.6 73.5 113.5
77 82.8 67.2 107.2
79 30.9 10.6 50.6



Abundance Ion 107.00 (106.70 to 107.70): E
3000000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

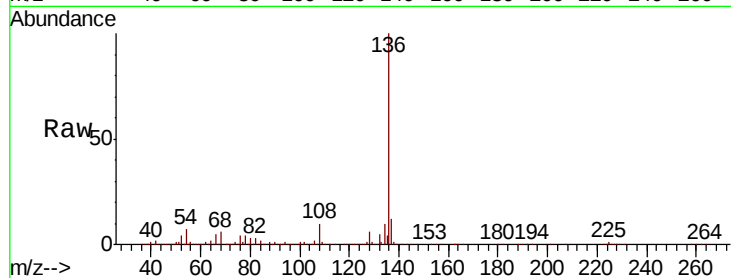




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1726768
Ion Ratio	Lower Upper
136 100	
137 11.9	9.1 13.7
54 6.8	5.4 8.0
68 5.9	4.6 6.8



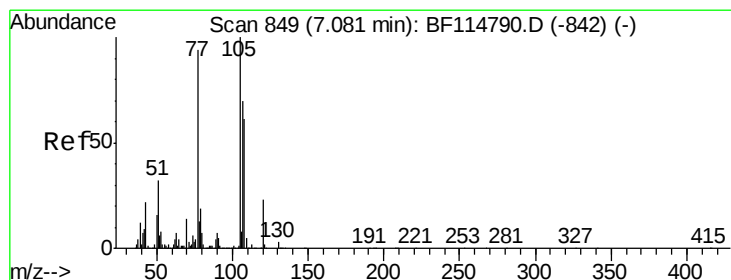
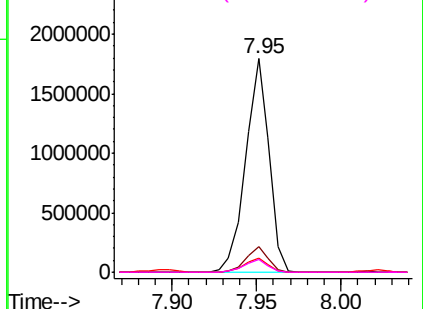
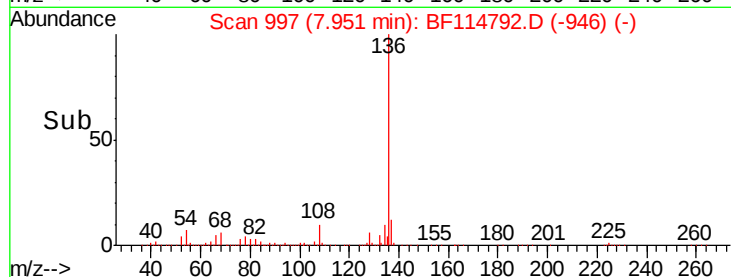
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

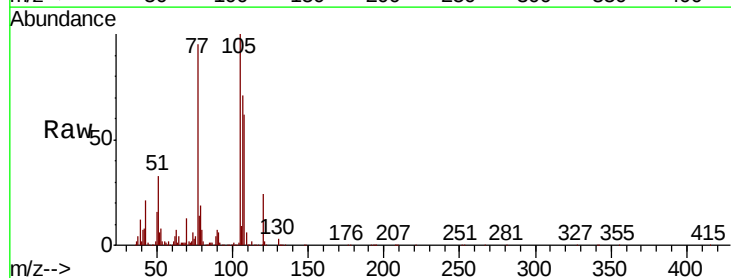
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 57.548 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt	Ion:105	Resp:	2104860
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.0	3.0
51	32.5	25.4	38.0
120	23.6	18.7	28.1



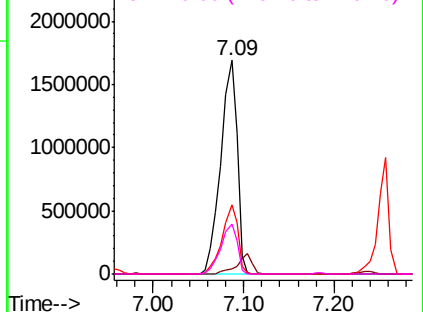
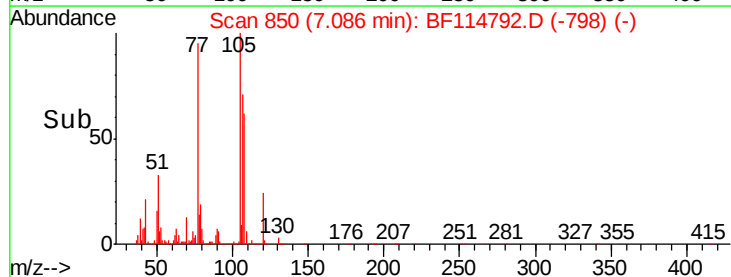
Abundance

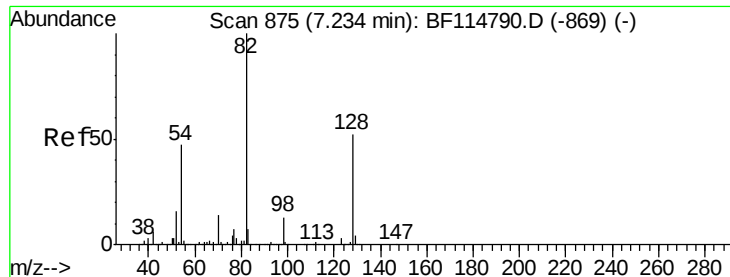
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

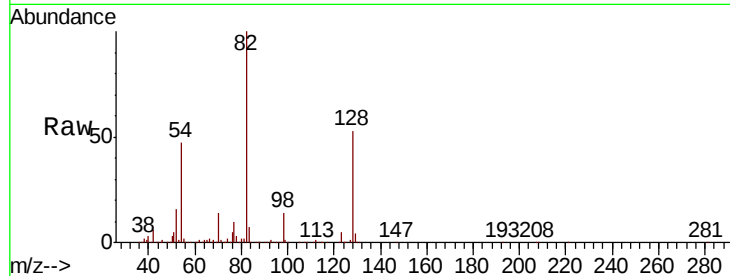




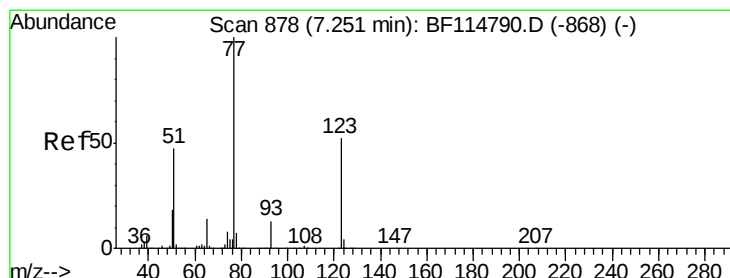
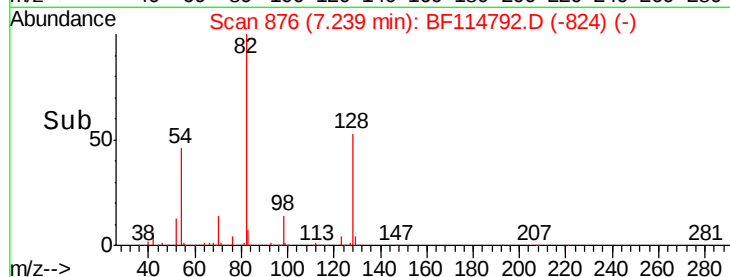
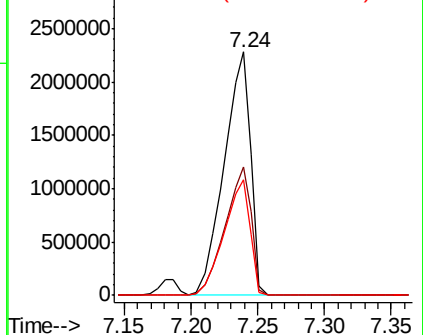
#23
 Nitrobenzene-d5
 Concen: 117.598 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 3181455
 Ion Ratio Lower Upper
 82 100
 128 52.5 41.8 62.6
 54 47.3 37.9 56.9

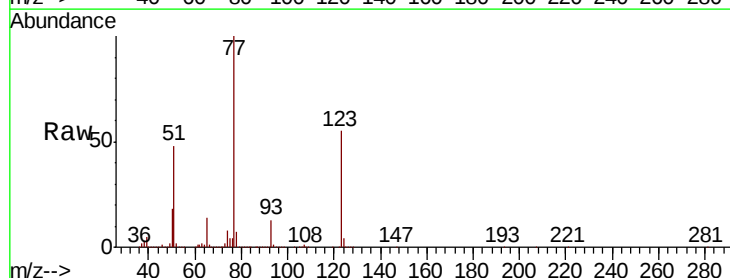


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

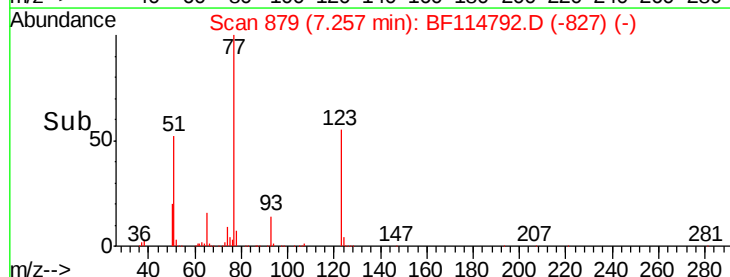
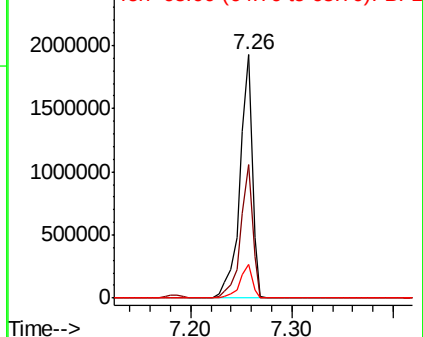


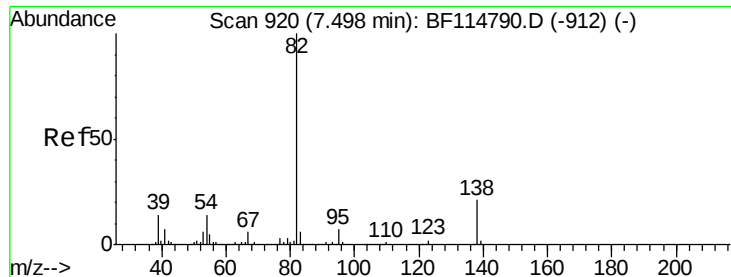
#24
 Nitrobenzene
 Concen: 58.173 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Tgt Ion: 77 Resp: 1633473
 Ion Ratio Lower Upper
 77 100
 123 54.6 41.5 62.3
 65 13.8 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 59.316 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

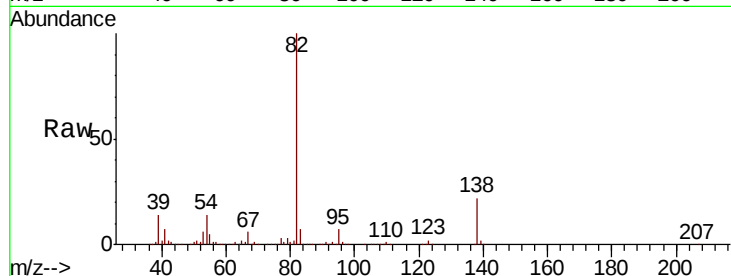
Tot Ion: 82 Resp: 3199821

Ion Ratio Lower Upper

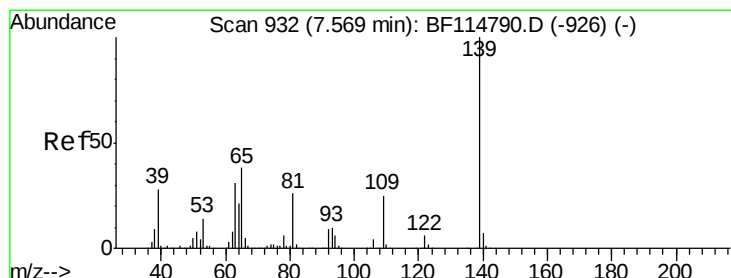
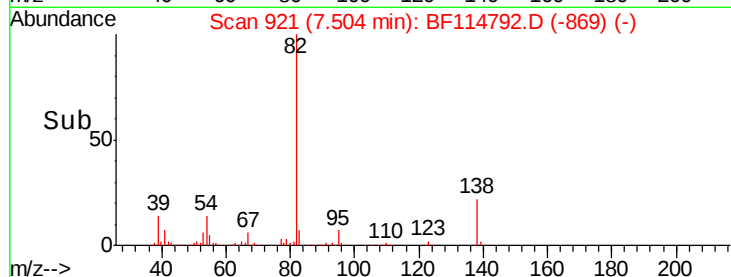
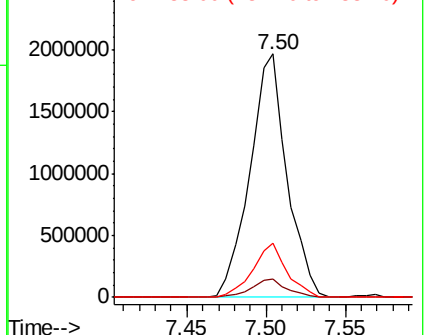
82 100

95 7.5 5.8 8.8

138 22.1 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.224 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

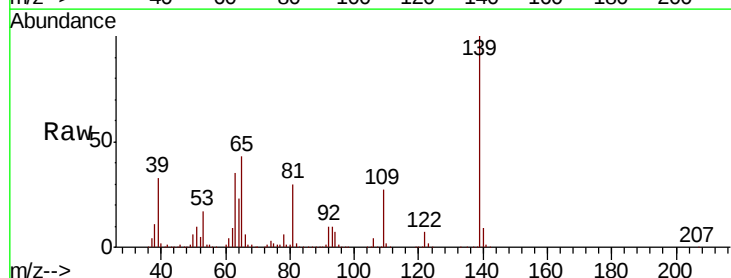
Tgt Ion: 139 Resp: 930309

Ion Ratio Lower Upper

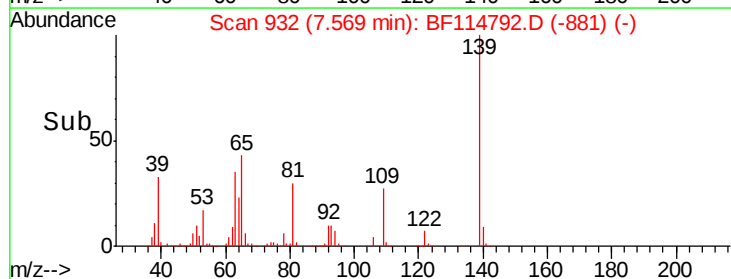
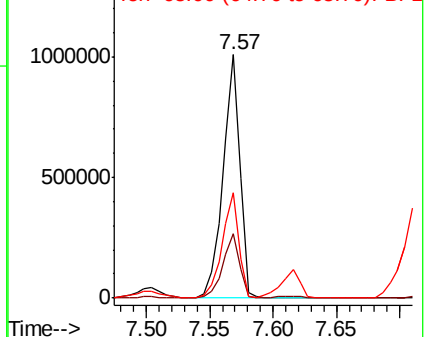
139 100

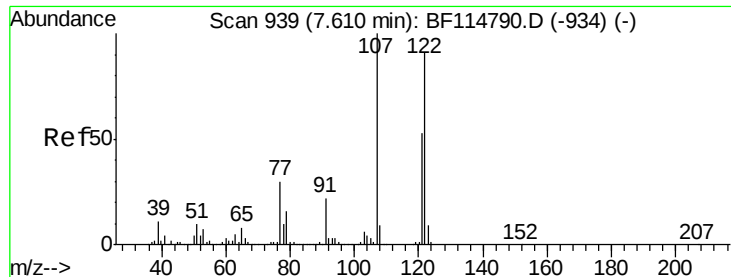
109 26.6 20.4 30.6

65 43.1 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 58.773 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

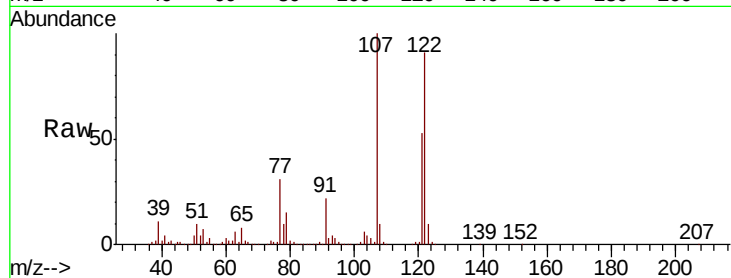
Tot Ion:122 Resp: 1368278

Ion Ratio Lower Upper

122 100

107 110.1 87.9 131.9

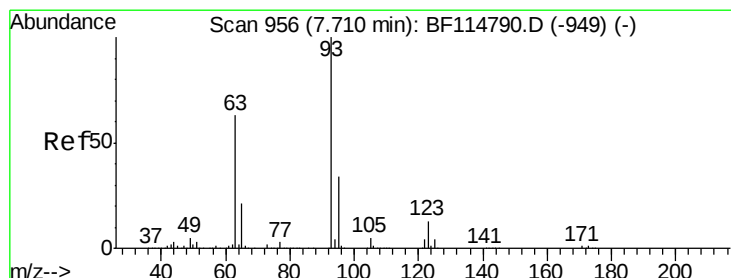
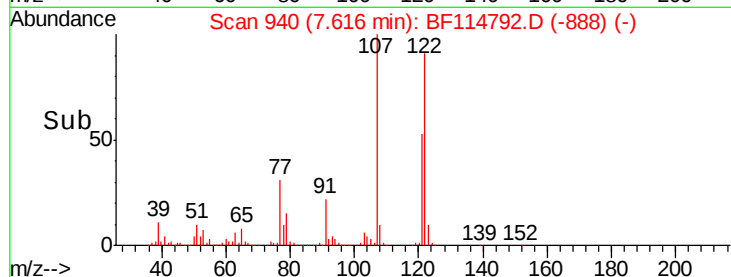
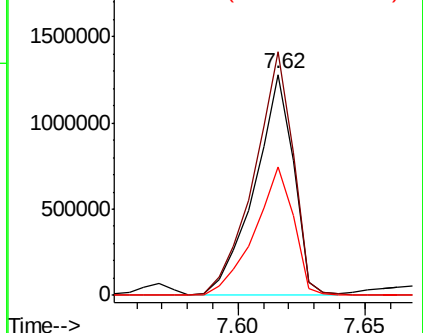
121 58.2 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 58.675 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

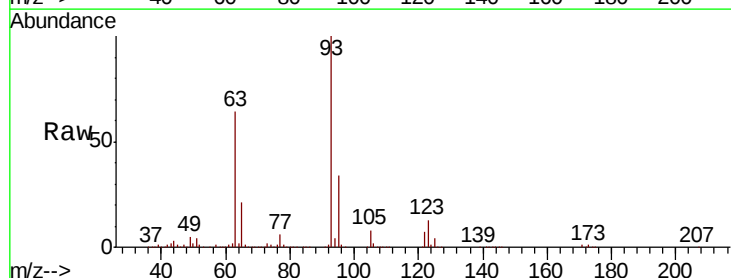
Tgt Ion: 93 Resp: 2032600

Ion Ratio Lower Upper

93 100

95 34.1 26.9 40.3

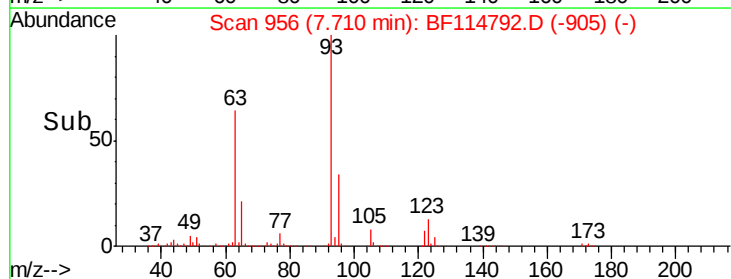
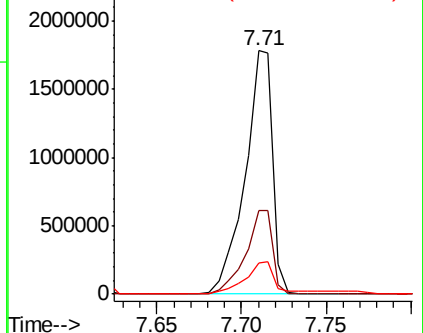
123 12.6 10.4 15.6

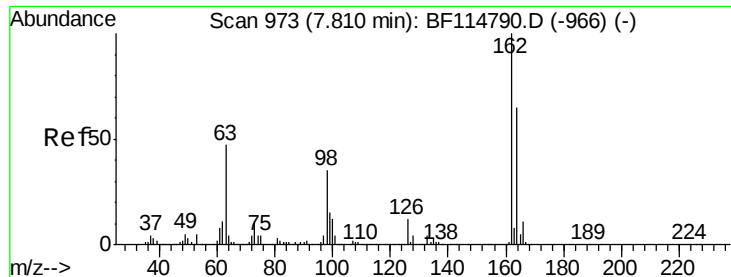


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

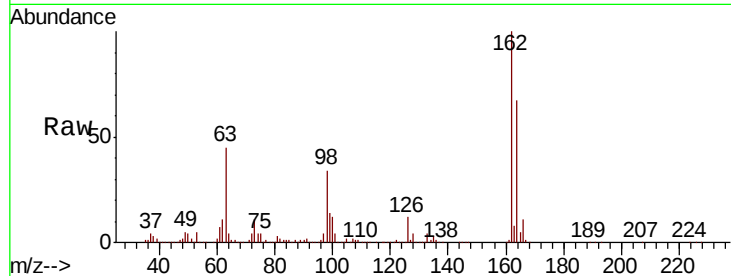




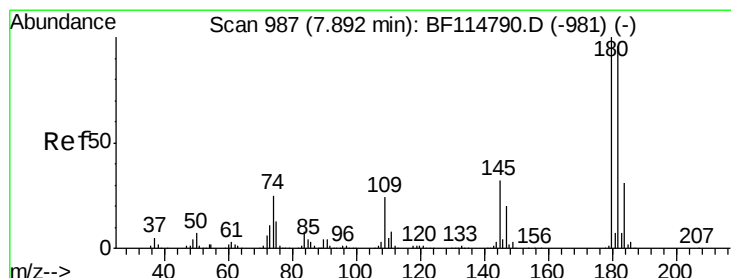
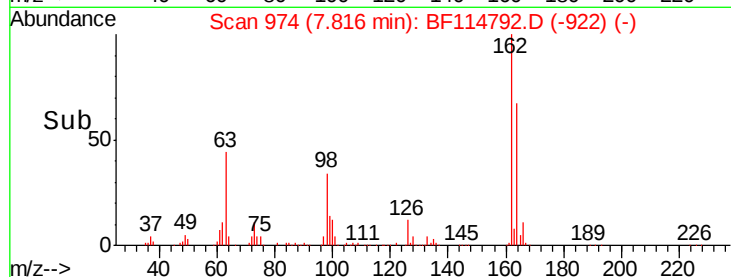
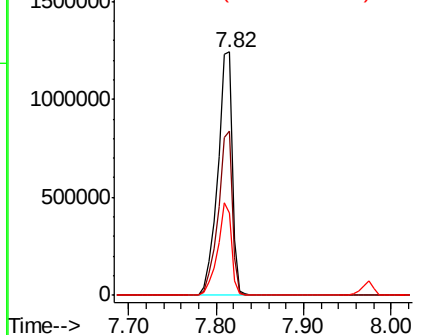
#29
2,4-Dichlorophenol
Concen: 58.958 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1446440
Ion Ratio Lower Upper
162 100
164 67.3 45.1 85.1
98 33.6 14.6 54.6

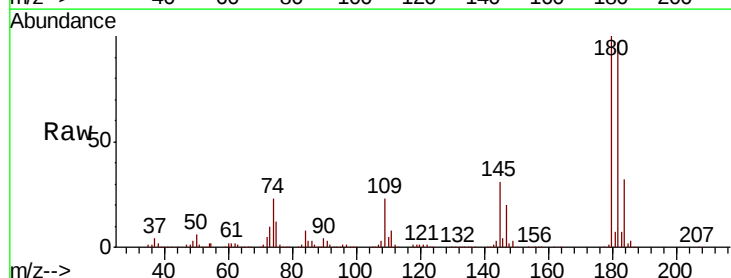


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

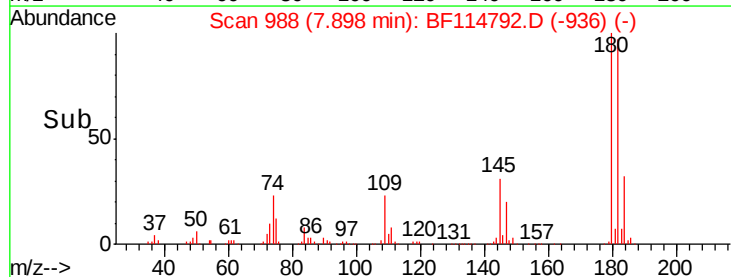
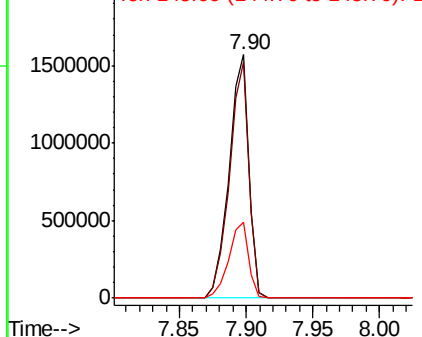


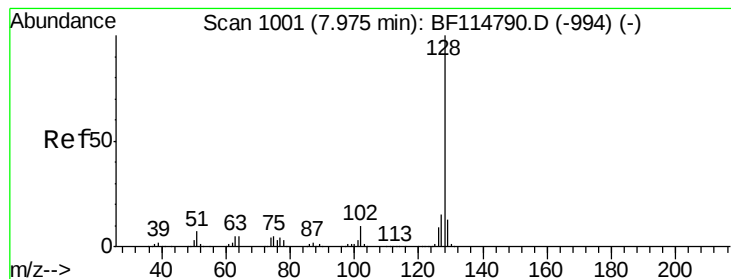
#30
1,2,4-Trichlorobenzene
Concen: 58.524 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:180 Resp: 1641483
Ion Ratio Lower Upper
180 100
182 96.8 76.5 114.7
145 31.3 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 56.242 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

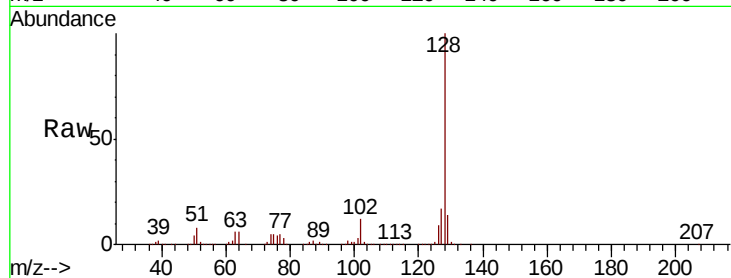
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 4221966

Ion	Ratio	Lower	Upper
128	100		
129	14.3	10.0	15.0
127	16.6	12.2	18.2

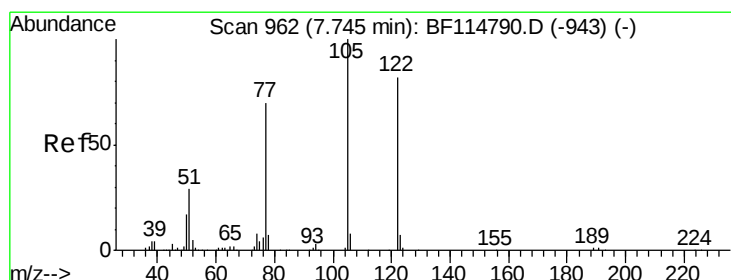
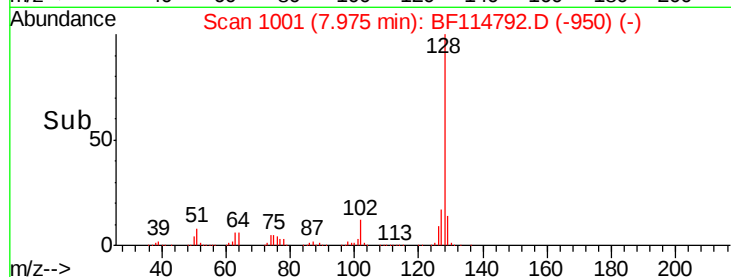
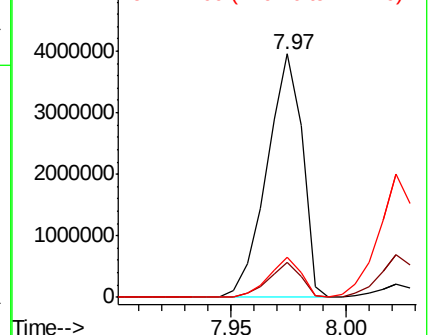


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 64.802 ng

RT: 7.77 min Scan# 966

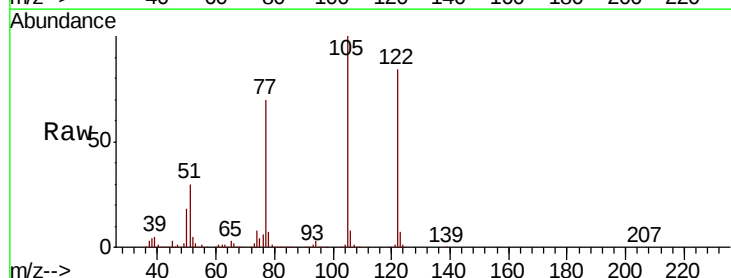
Delta R.T. 0.02 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Tgt Ion:122 Resp: 1075123

Ion	Ratio	Lower	Upper
122	100		
105	119.0	98.7	138.7
77	83.3	64.8	104.8

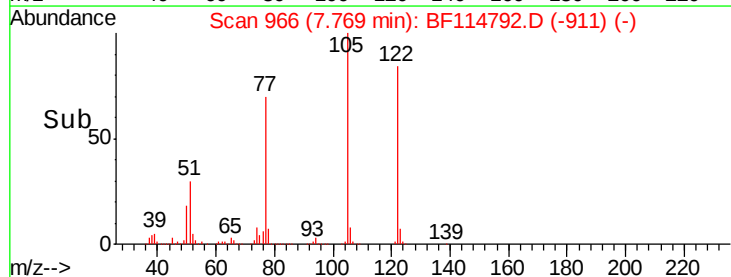
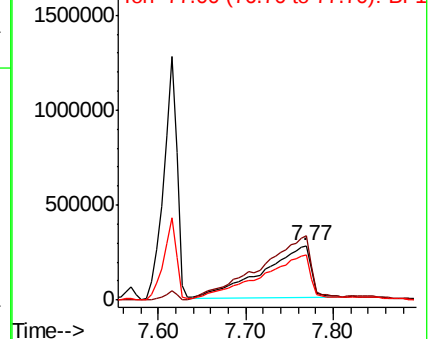


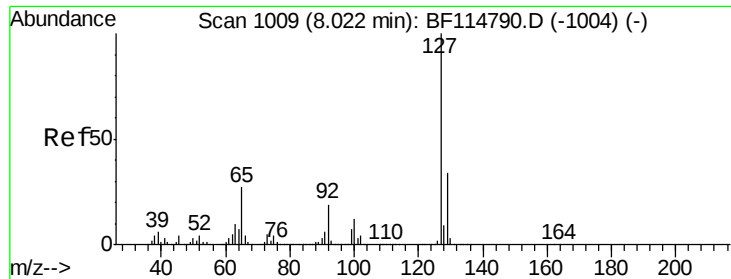
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



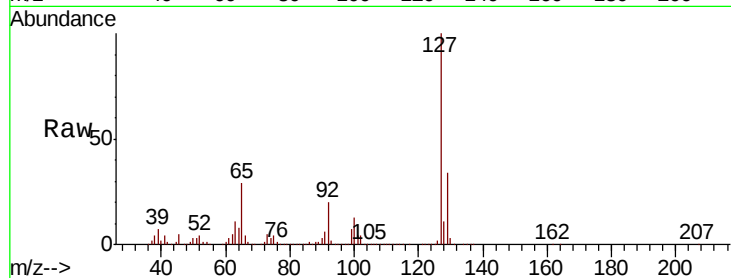


#33
4-Chloroaniline
Concen: 57.372 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 2091956

Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.9	40.3
65	29.1	21.7	32.5
92	19.6	14.8	22.2



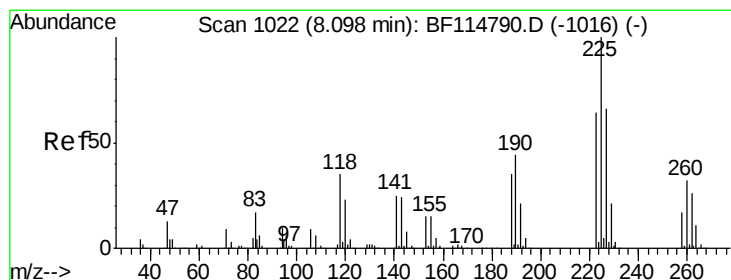
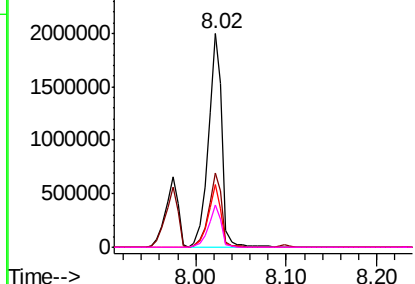
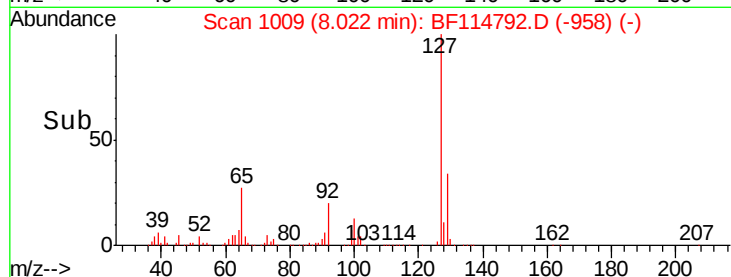
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

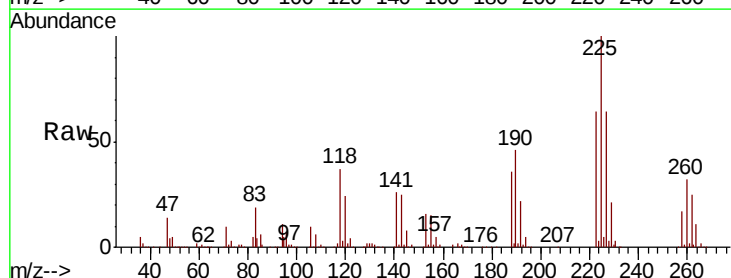
Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 58.419 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:225 Resp: 932818

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.2	52.6	78.8

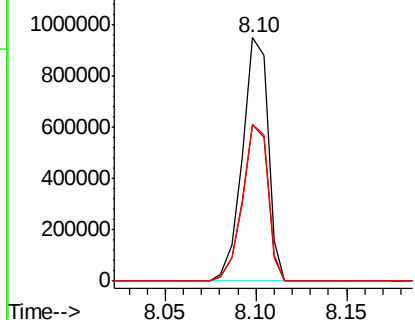
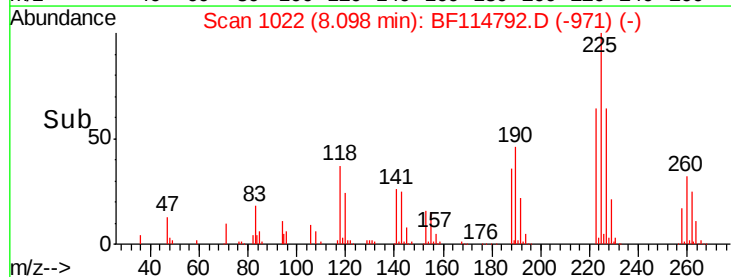


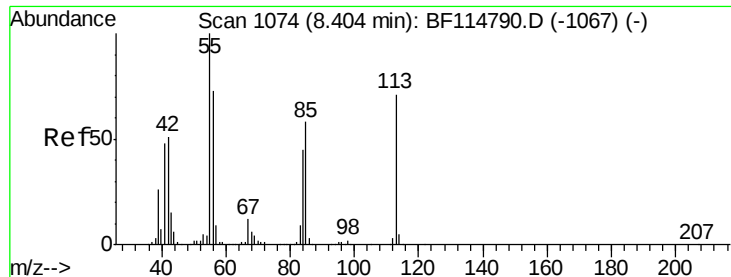
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

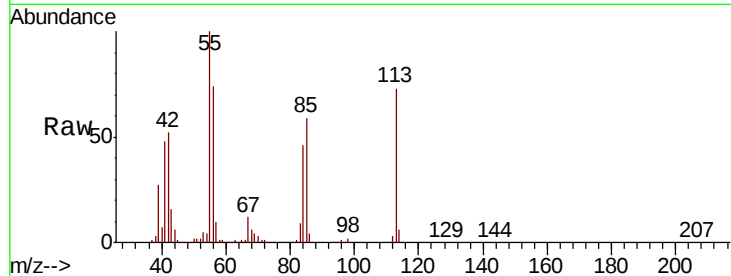




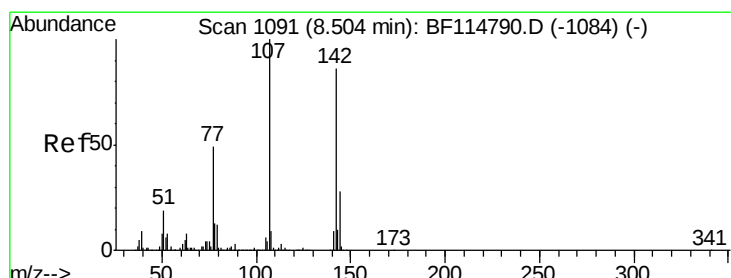
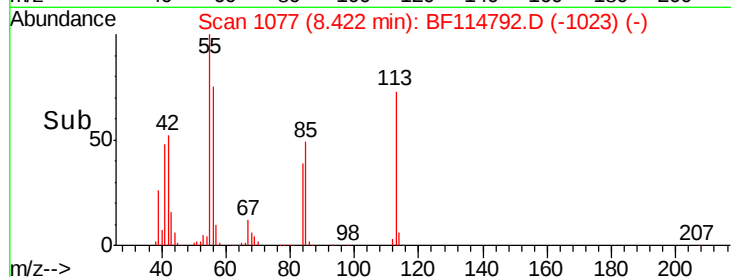
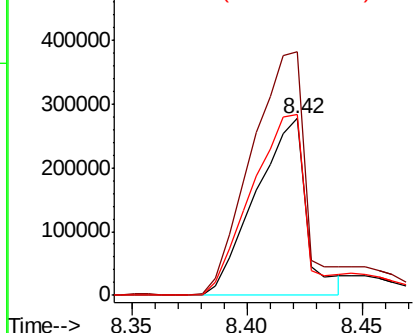
#35
Caprolactam
Concen: 53.401 ng
RT: 8.42 min Scan# 1077
Delta R.T. 0.02 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 421443
Ion Ratio Lower Upper
113 100
55 137.7 121.1 161.1
56 102.5 82.6 122.6

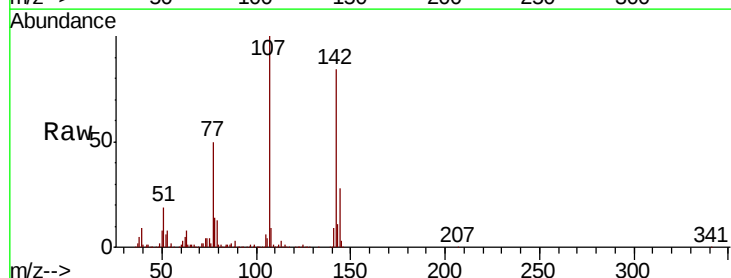


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

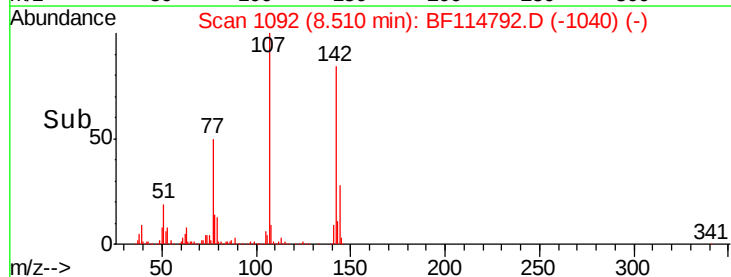
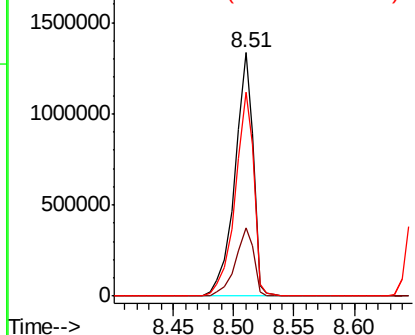


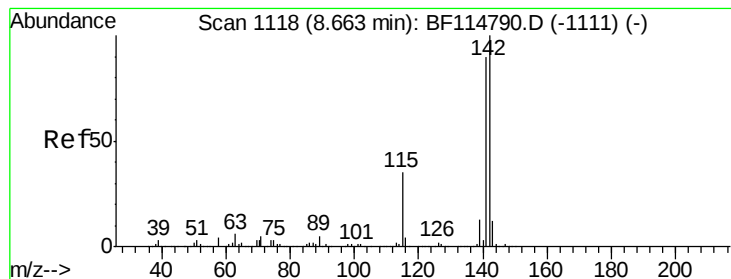
#36
4-Chloro-3-methylphenol
Concen: 58.590 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:107 Resp: 1419682
Ion Ratio Lower Upper
107 100
144 28.0 22.1 33.1
142 83.7 68.4 102.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

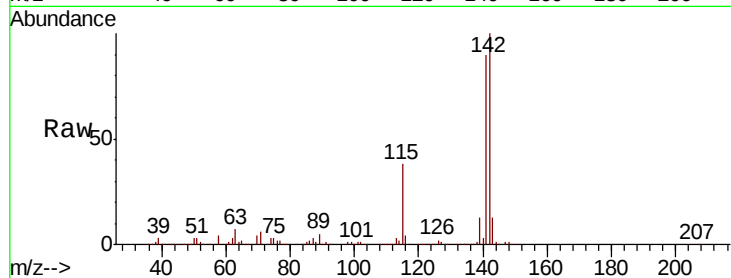




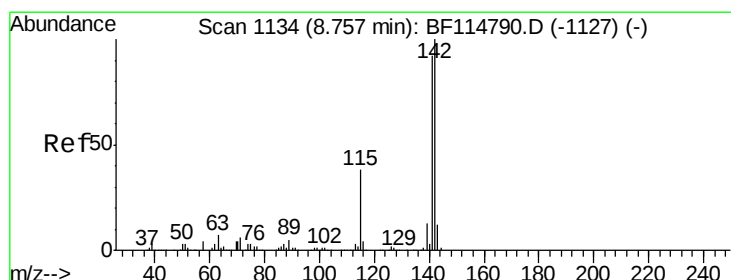
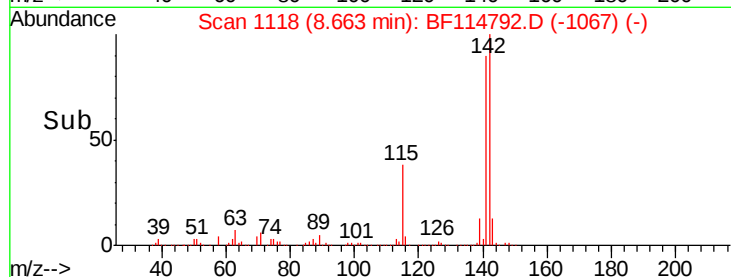
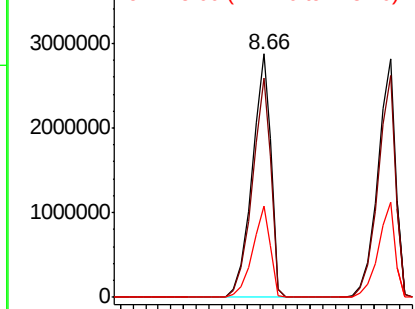
#37
2-Methylnaphthalene
Concen: 56.777 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2968209
Ion Ratio Lower Upper
142 100
141 90.3 71.6 107.4
115 37.7 28.2 42.4

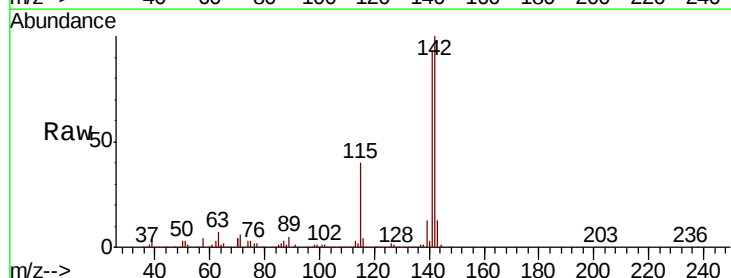


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

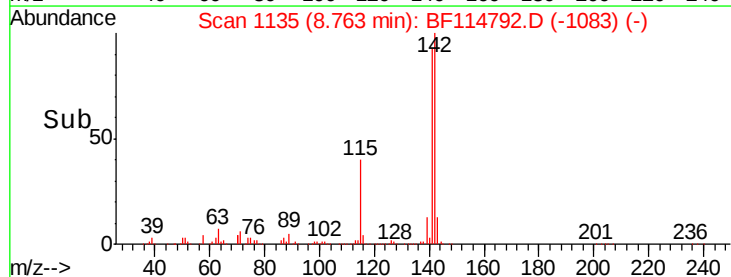
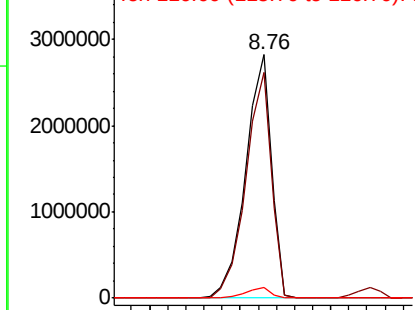


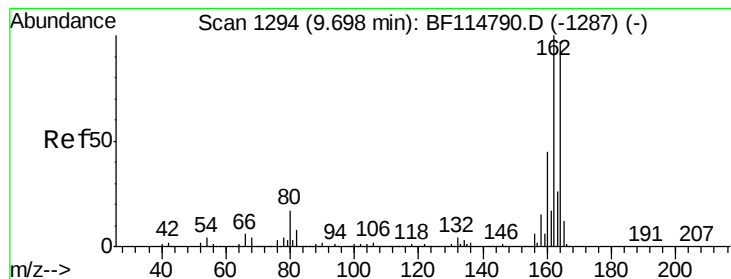
#38
1-Methylnaphthalene
Concen: 56.165 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:142 Resp: 2782879
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6
116 4.2 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

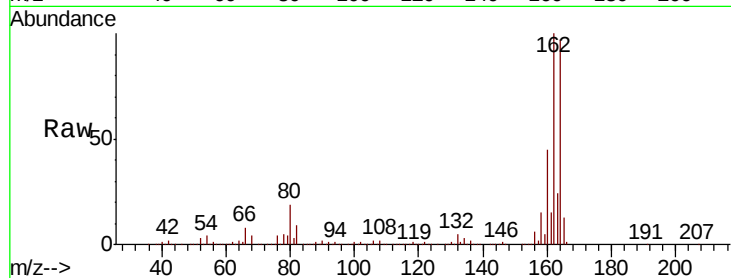
Tot Ion:164 Resp: 846866

Ion Ratio Lower Upper

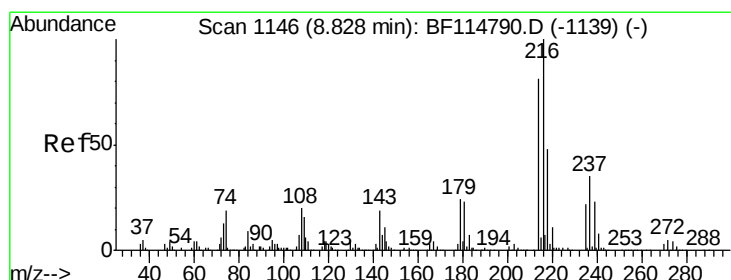
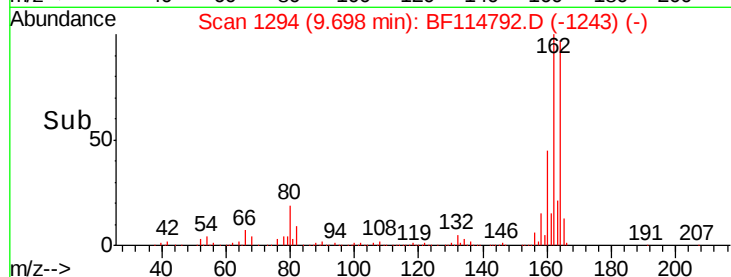
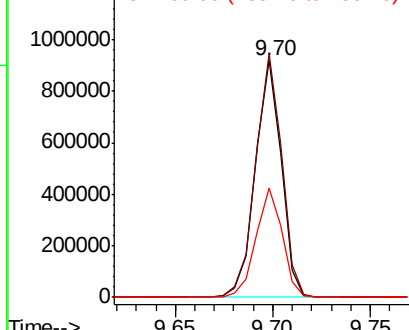
164 100

162 102.7 82.3 123.5

160 46.1 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.422 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Tgt Ion:216 Resp: 1354143

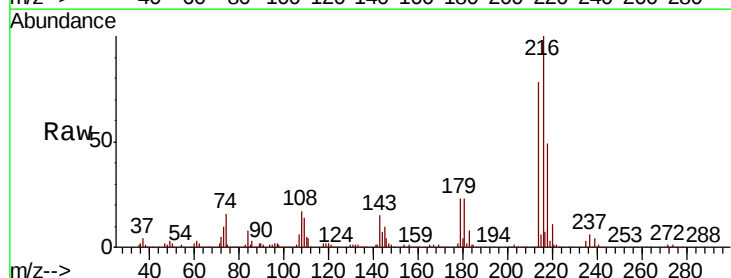
Ion Ratio Lower Upper

216 100

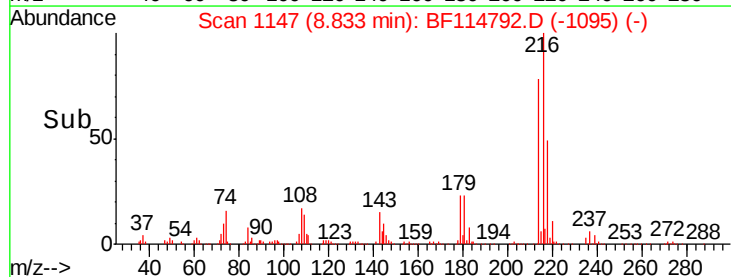
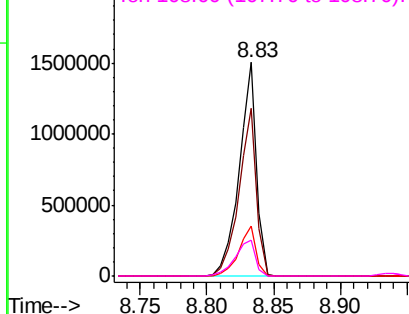
214 79.2 63.4 95.2

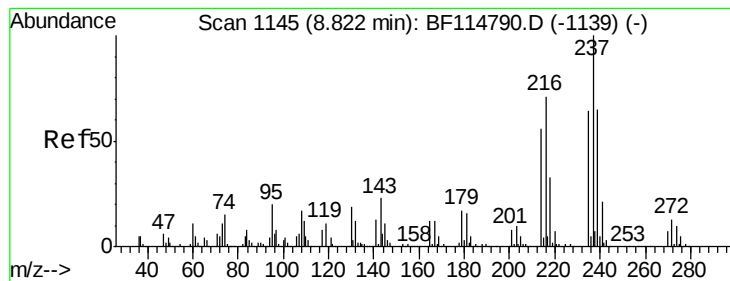
179 23.3 18.3 27.5

108 19.8 15.5 23.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.717 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

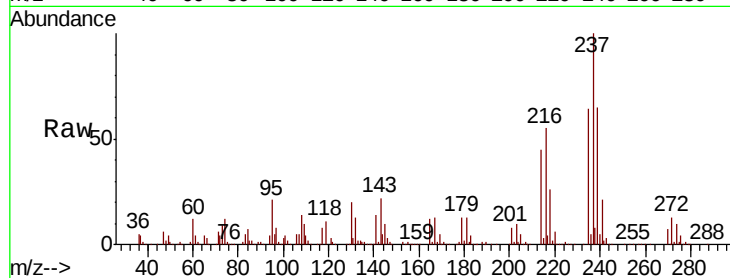
Tot Ion:237 Resp: 877727

Ion Ratio Lower Upper

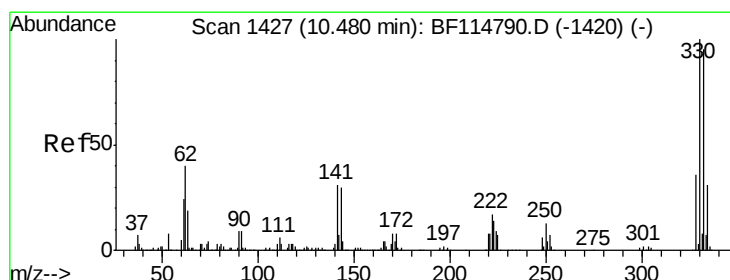
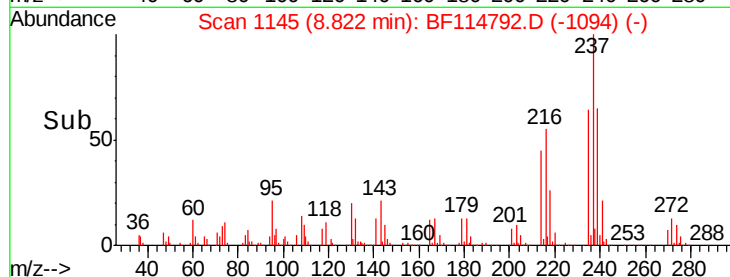
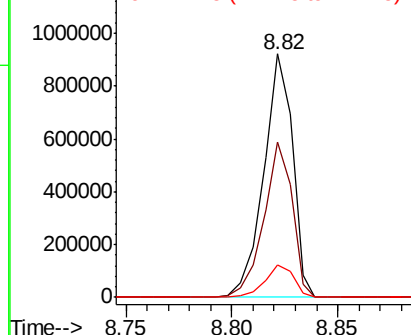
237 100

235 63.9 44.0 84.0

272 13.5 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.780 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

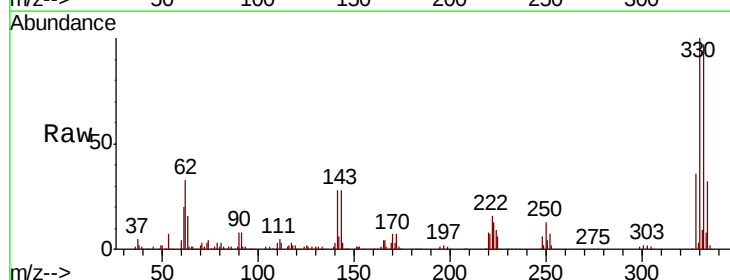
Tgt Ion:330 Resp: 1017940

Ion Ratio Lower Upper

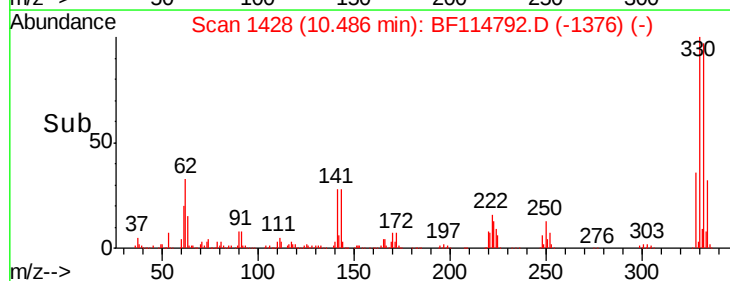
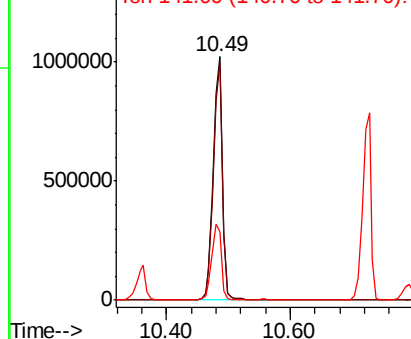
330 100

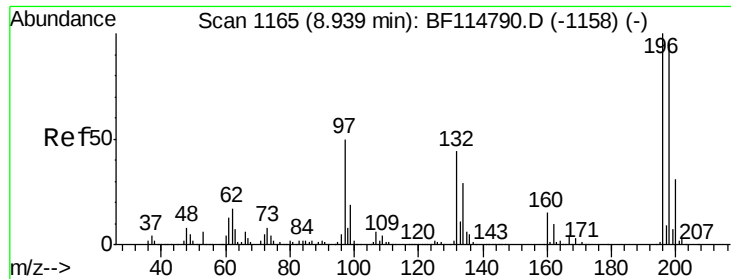
332 95.9 77.3 115.9

141 33.3 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

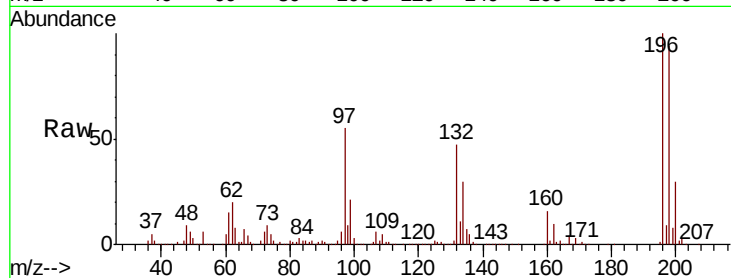




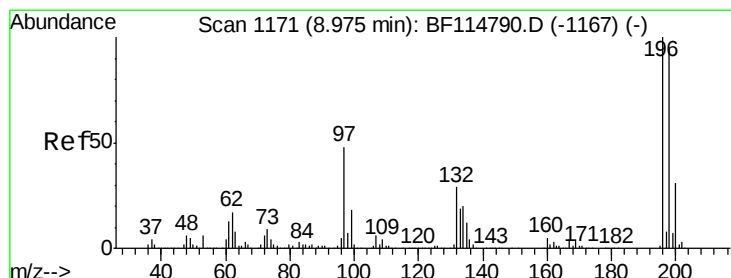
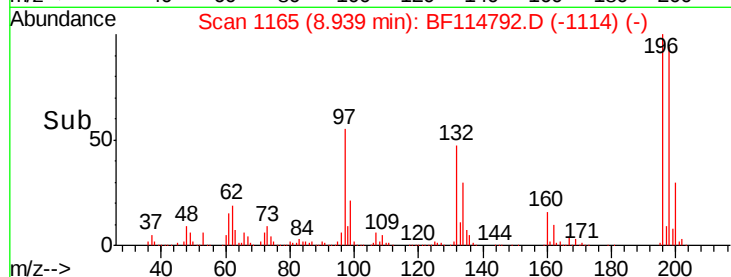
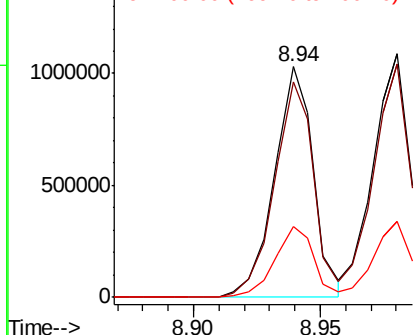
#43
 2,4,6-Trichlorophenol
 Concen: 59.968 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 1104054
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.1 115.7
 200 30.5 24.6 36.8

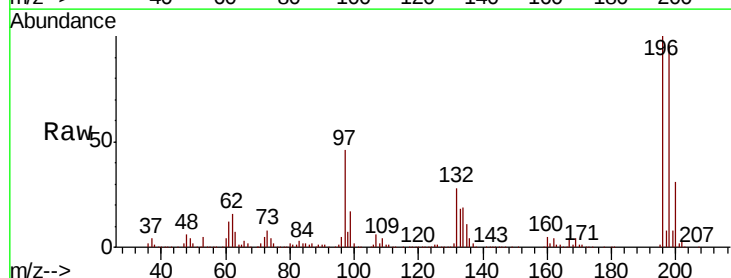


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

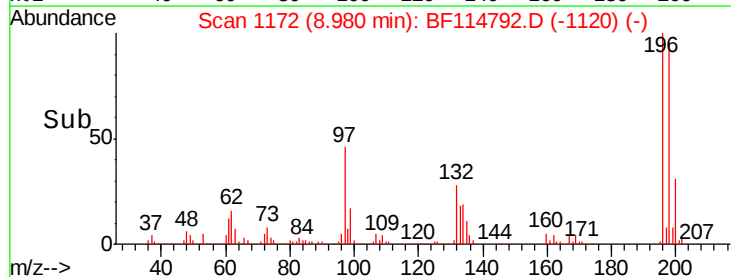
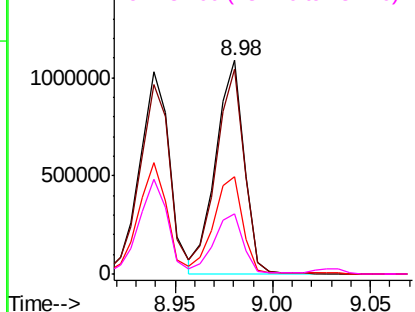


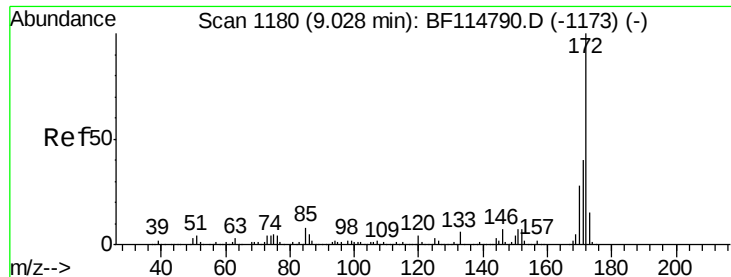
#44
 2,4,5-Trichlorophenol
 Concen: 60.397 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Tgt Ion:196 Resp: 1103396
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 97 45.5 38.2 57.4
 132 27.9 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

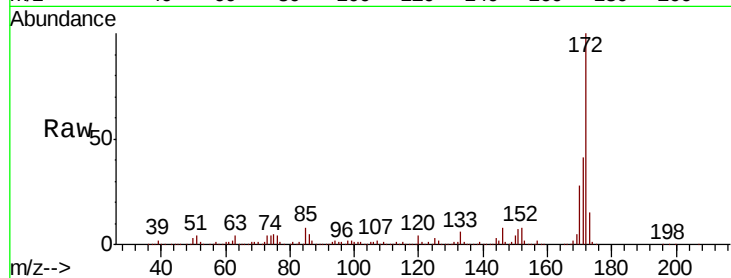




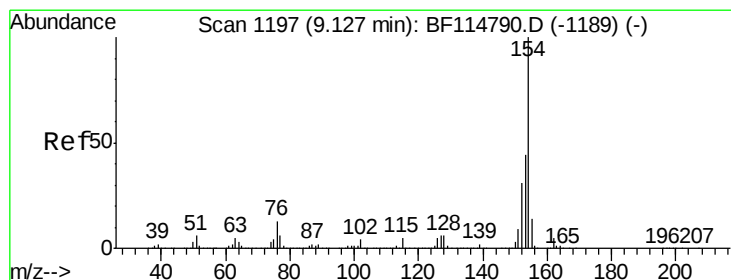
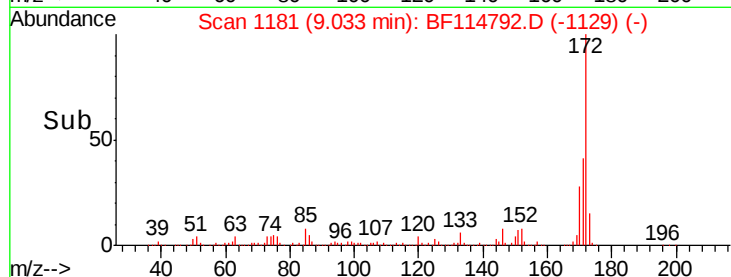
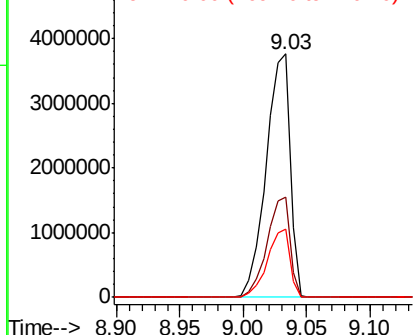
#45
2-Fluorobiphenyl
Concen: 105.383 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4952034
Ion Ratio Lower Upper
172 100
171 41.3 32.3 48.5
170 28.3 22.4 33.6

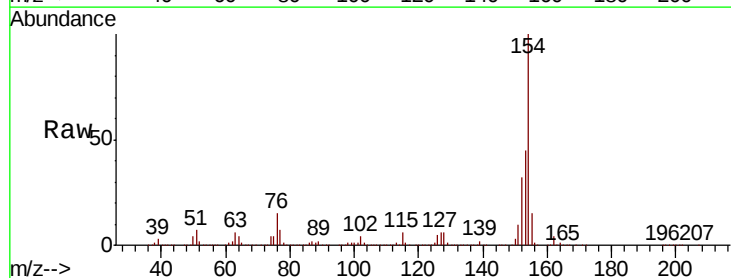


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

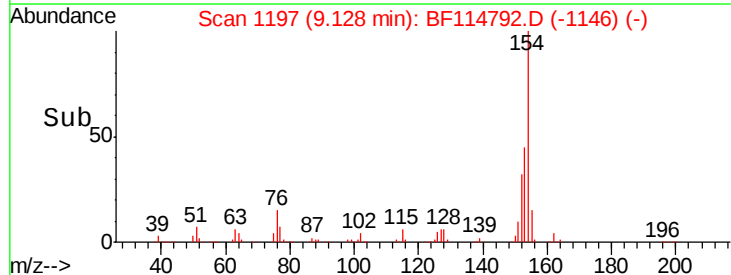
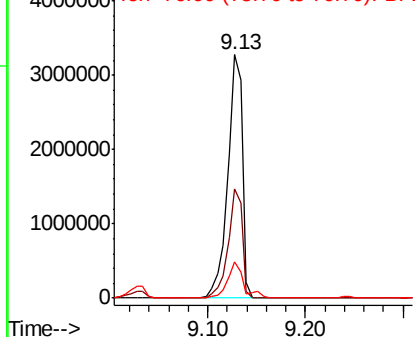


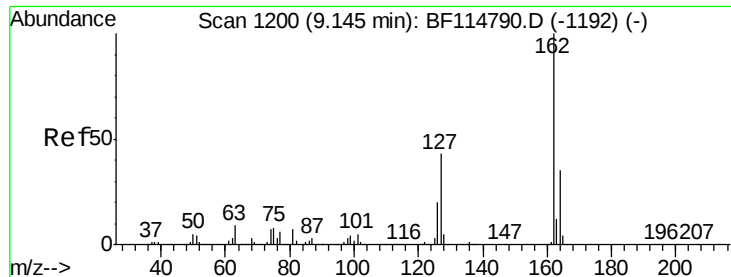
#46
1,1'-Biphenyl
Concen: 56.012 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:154 Resp: 3389446
Ion Ratio Lower Upper
154 100
153 44.8 23.9 63.9
76 14.8 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

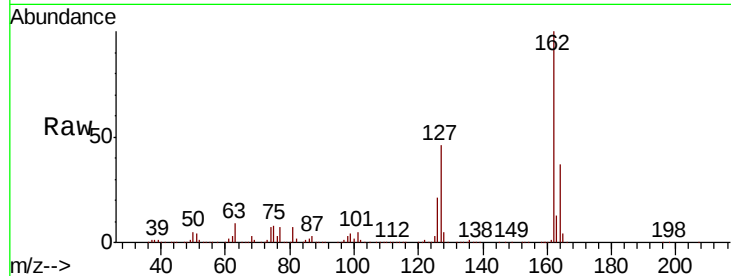




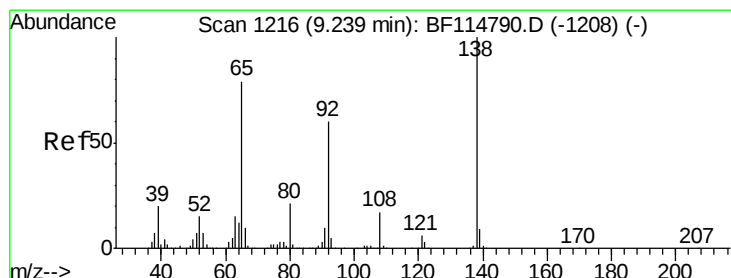
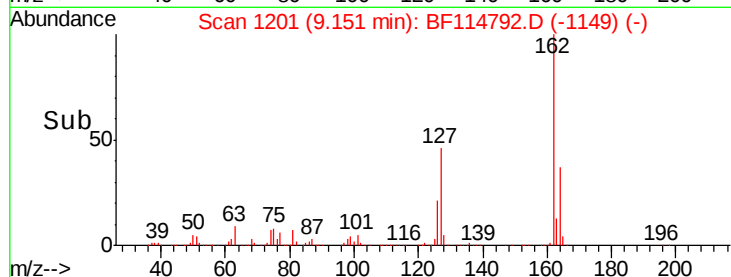
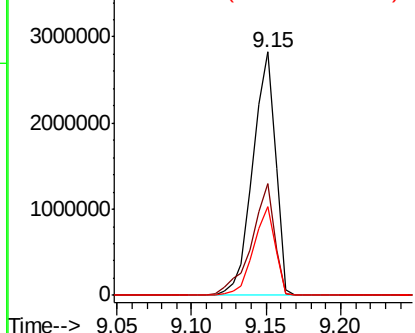
#47
2-Chloronaphthalene
Concen: 57.713 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2954460
Ion Ratio Lower Upper
162 100
127 45.7 34.6 51.8
164 36.6 27.8 41.8

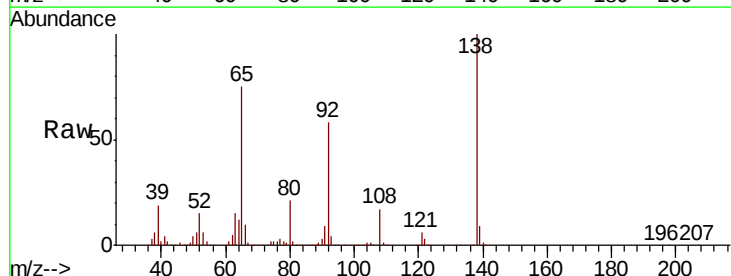


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

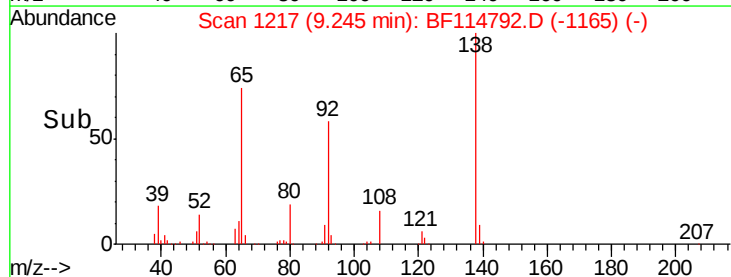
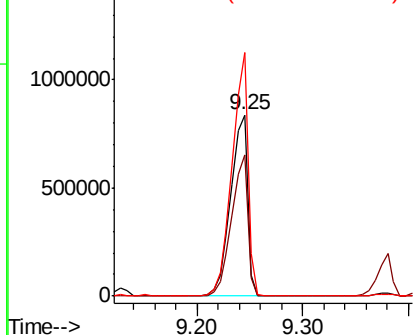


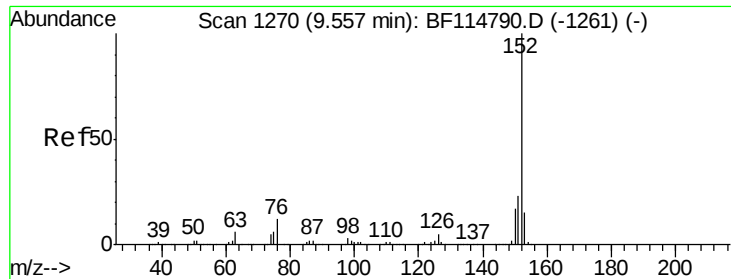
#48
2-Nitroaniline
Concen: 60.260 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion: 65 Resp: 929639
Ion Ratio Lower Upper
65 100
92 77.9 60.4 90.6
138 134.1 101.2 151.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

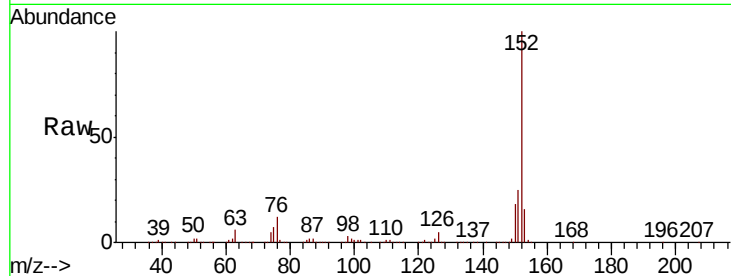




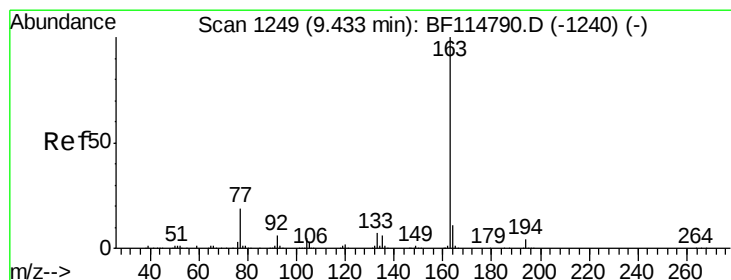
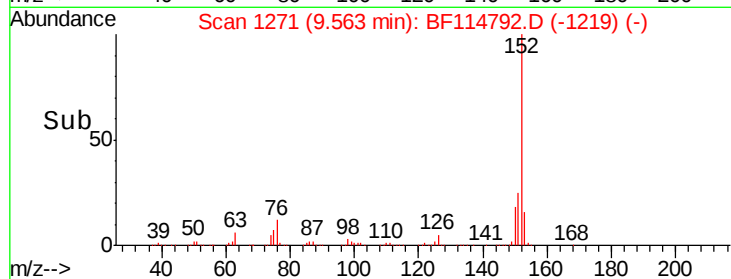
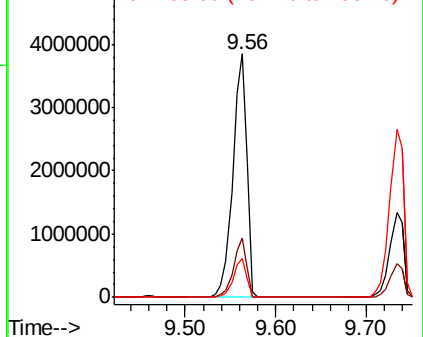
#49
Acenaphthylene
Concen: 55.673 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 4159962
Ion Ratio Lower Upper
152 100
151 24.5 18.3 27.5
153 16.0 12.3 18.5

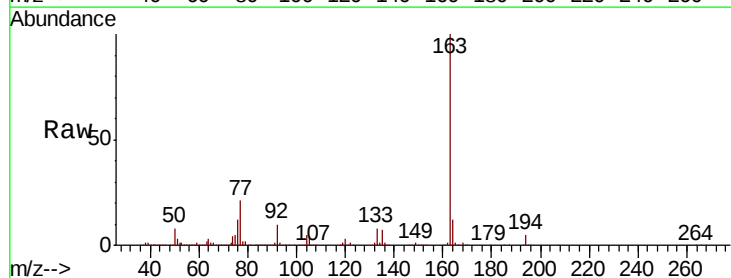


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

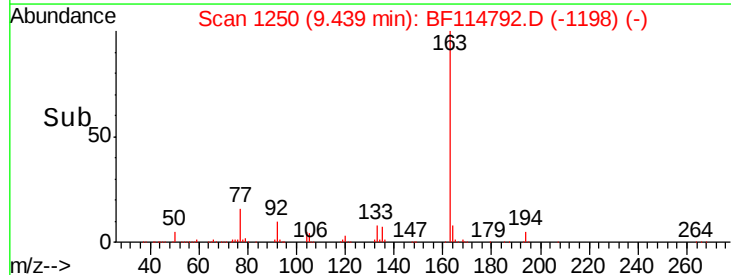
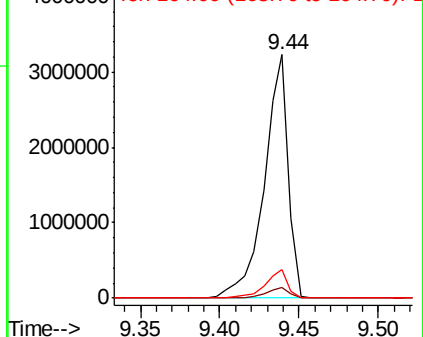


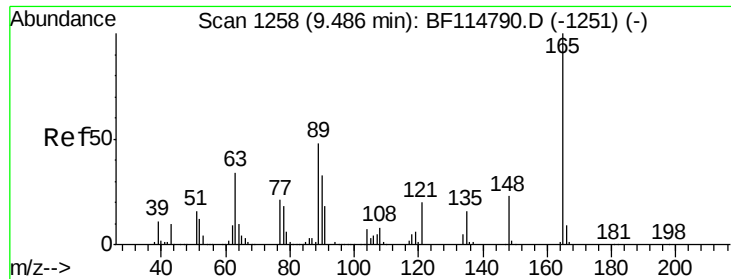
#50
Dimethylphthalate
Concen: 56.580 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:163 Resp: 3400117
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 11.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

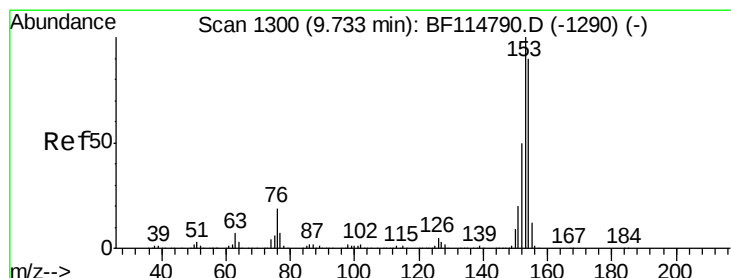
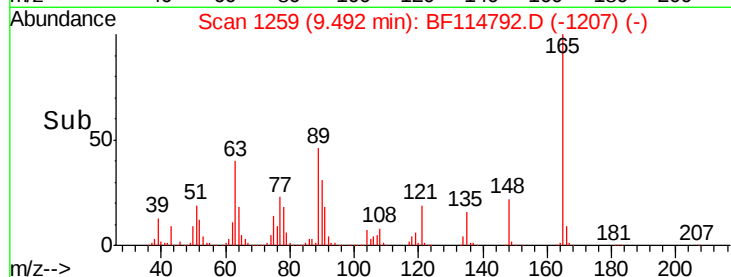
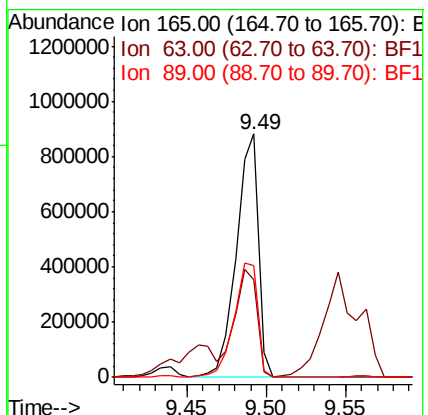
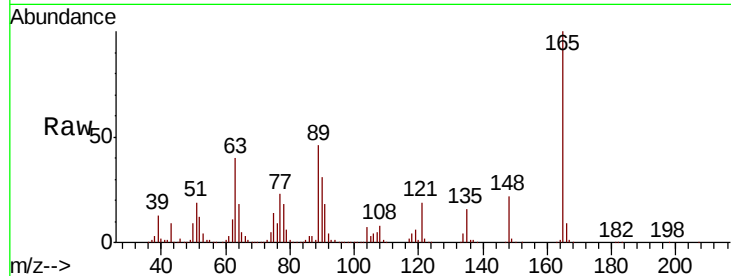




#51
 2,6-Dinitrotoluene
 Concen: 60.906 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

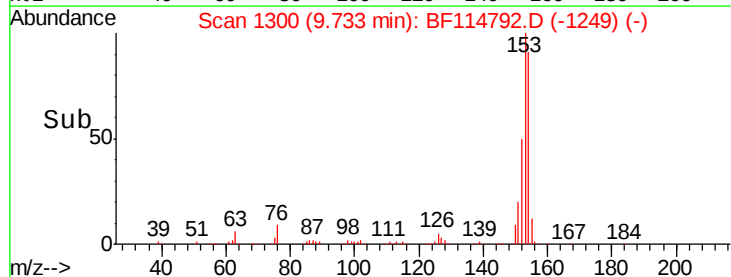
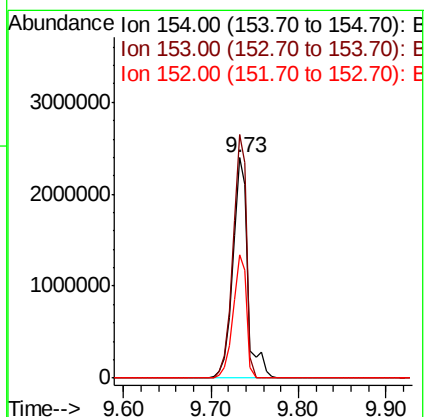
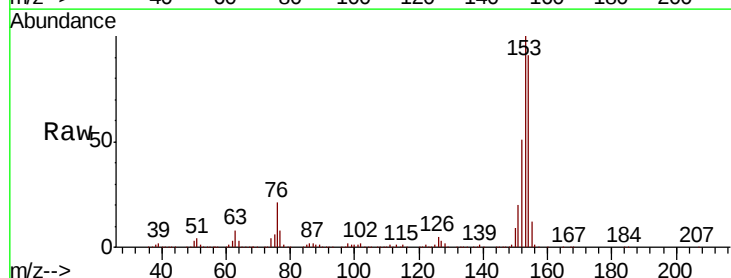
Instrument :
 BNA_F
 ClientSampled :

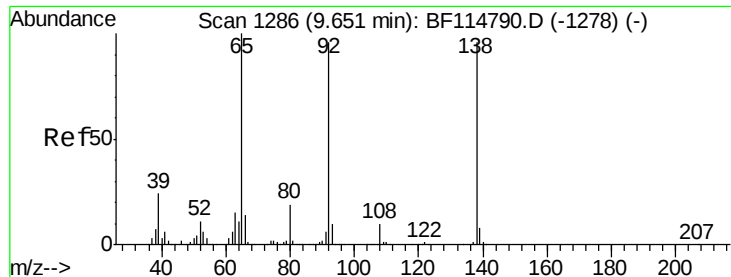
Tot Ion:165 Resp: 849119
 Ion Ratio Lower Upper
 165 100
 63 40.3 35.1 52.7
 89 46.0 38.2 57.2



#52
 Acenaphthene
 Concen: 57.667 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Tgt Ion:154 Resp: 2801098
 Ion Ratio Lower Upper
 154 100
 153 110.4 88.5 132.7
 152 55.8 44.1 66.1

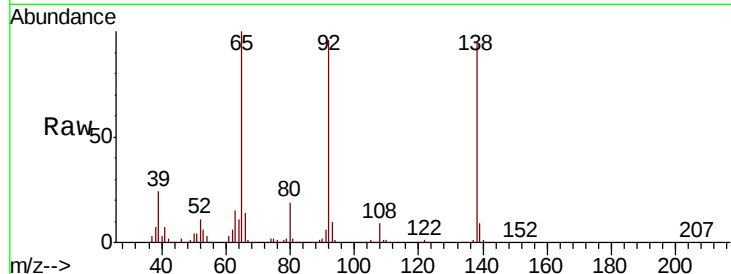




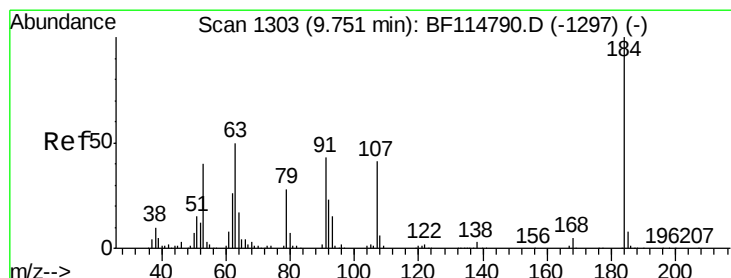
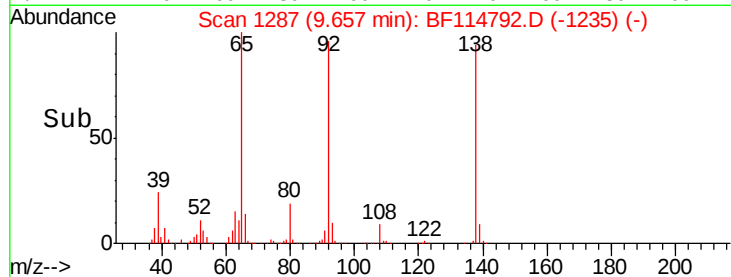
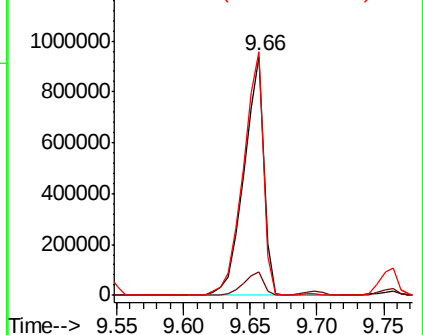
#53
3-Nitroaniline
Concen: 57.900 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 961674
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 101.9 79.9 119.9

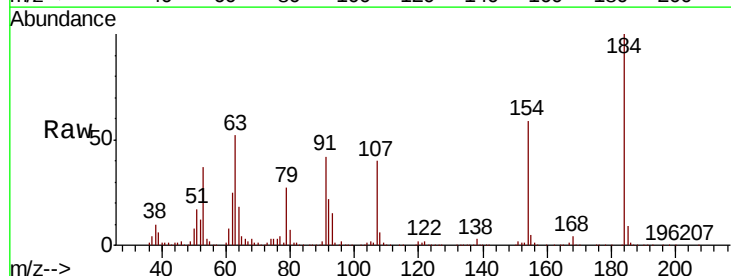


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

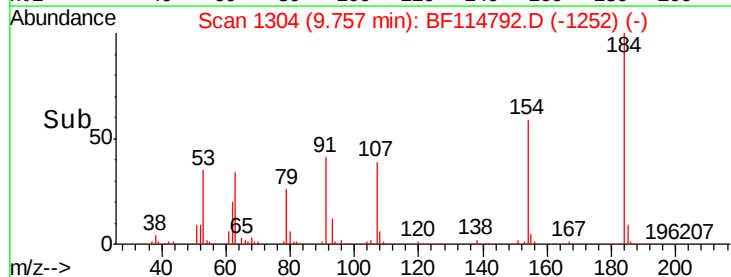
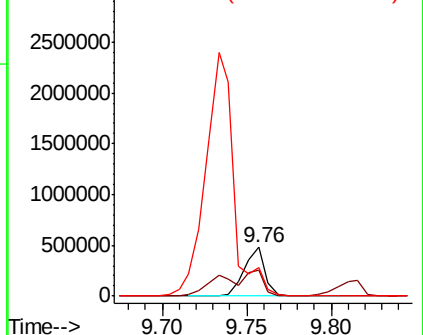


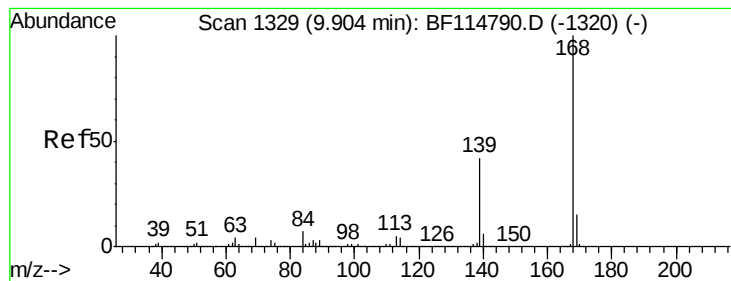
#54
2,4-Dinitrophenol
Concen: 63.720 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:184 Resp: 419425
Ion Ratio Lower Upper
184 100
63 52.1 44.1 66.1
154 59.3 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 55.649 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

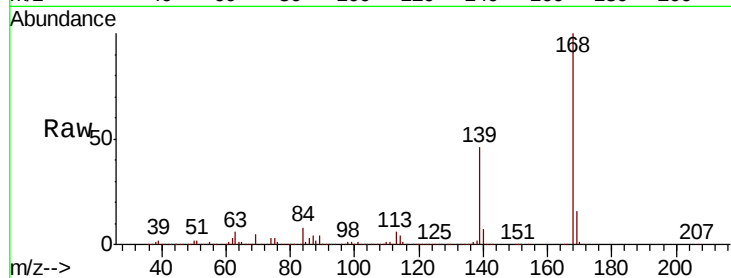
Tot Ion:168 Resp: 3622224

Ion Ratio Lower Upper

168 100

139 45.7 33.8 50.6

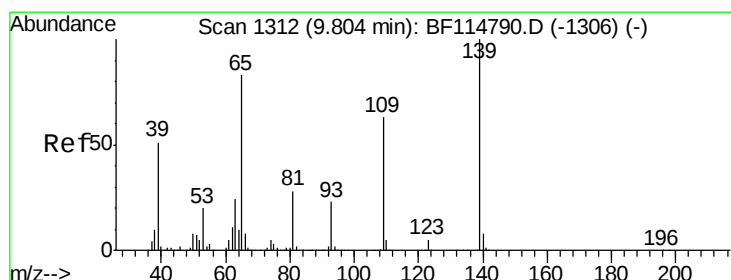
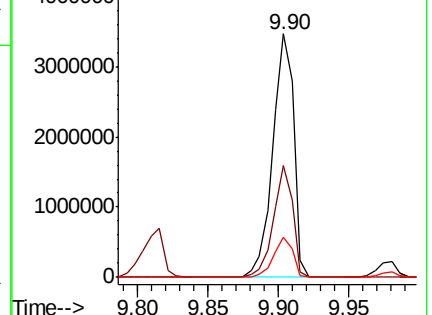
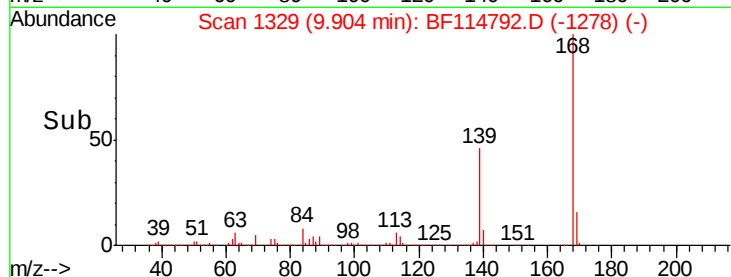
169 16.4 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 60.179 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

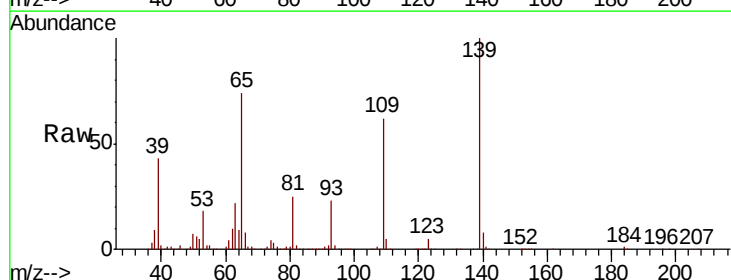
Tgt Ion:139 Resp: 722644

Ion Ratio Lower Upper

139 100

109 62.1 43.5 83.5

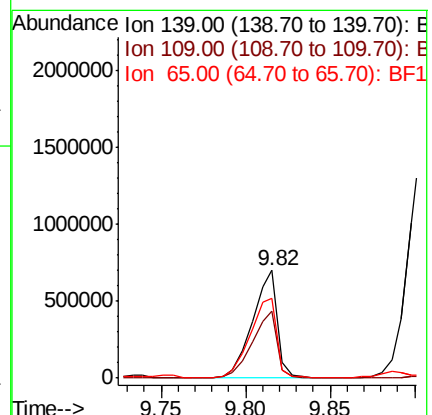
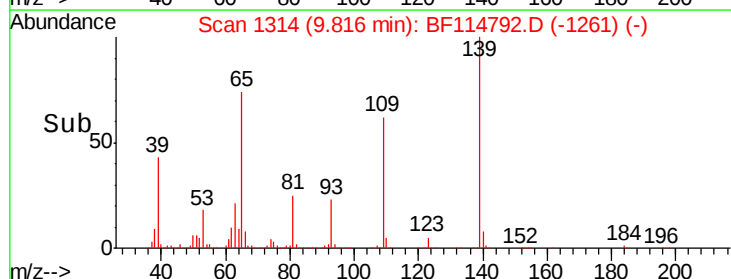
65 74.3 63.2 103.2

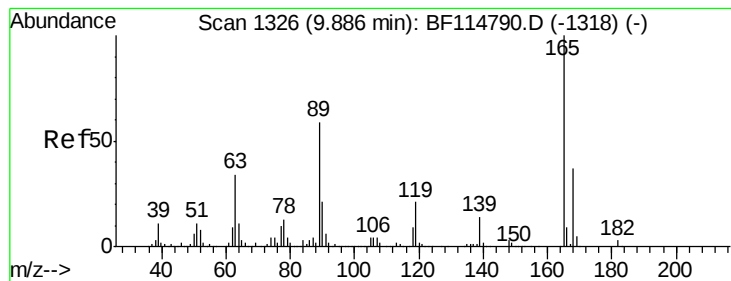


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 60.633 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 1070047

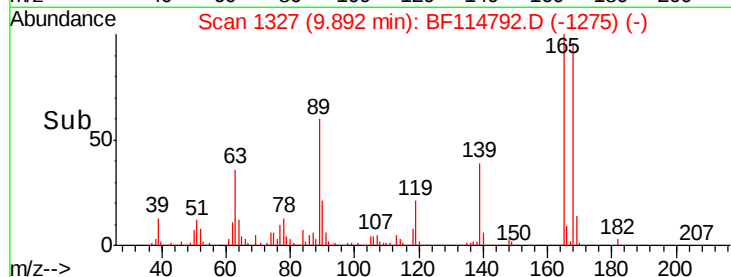
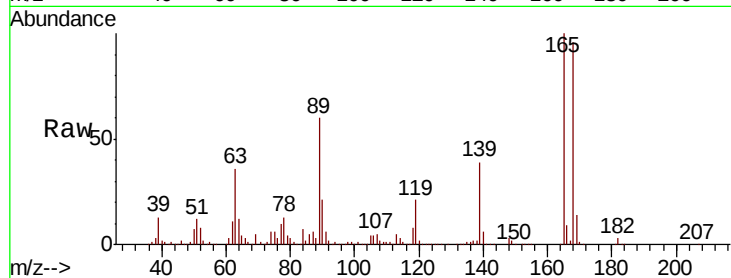
Ion Ratio Lower Upper

165 100

63 36.2 27.0 40.4

89 59.9 47.0 70.6

182 2.8 2.2 3.2

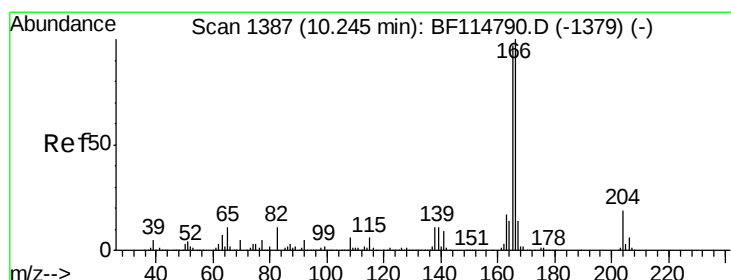
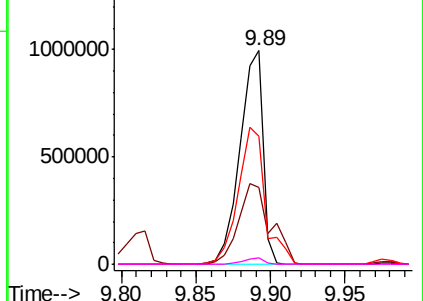


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 53.539 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

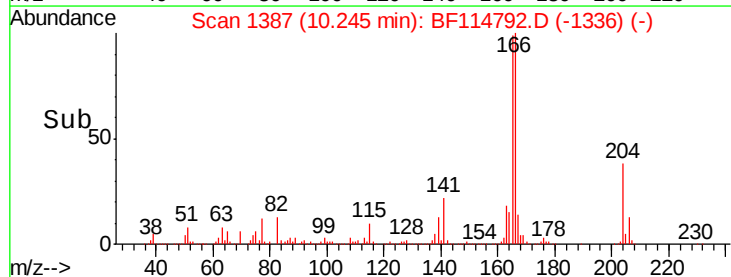
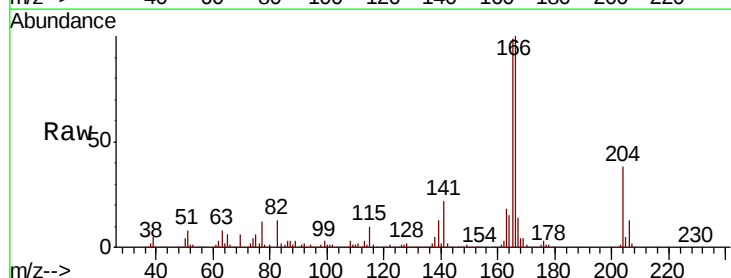
Tgt Ion:166 Resp: 2499765

Ion Ratio Lower Upper

166 100

165 98.8 77.9 116.9

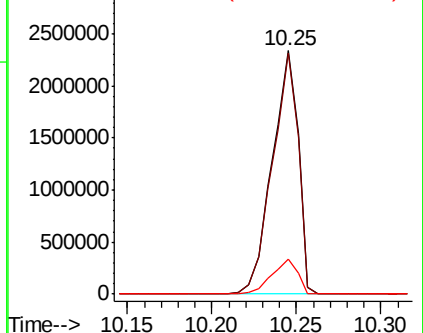
167 14.3 11.3 16.9

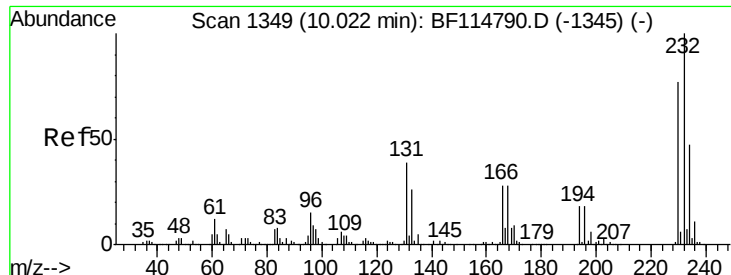


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

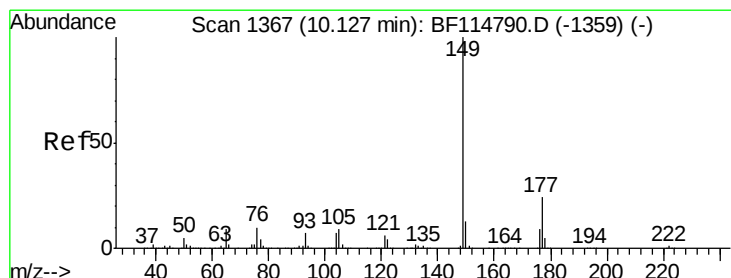
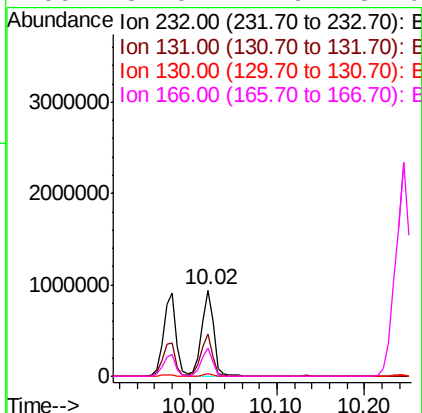
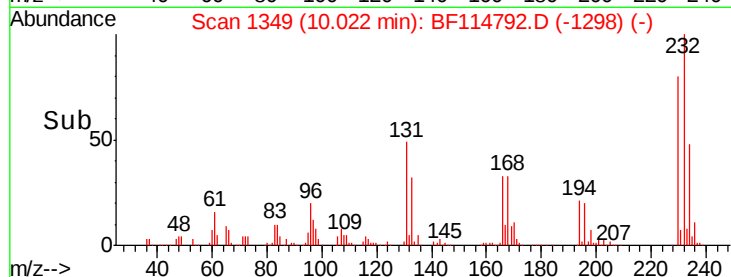
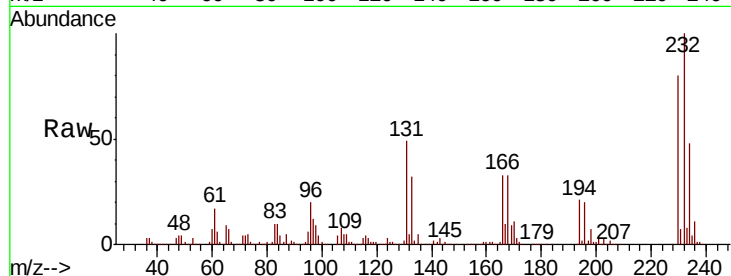




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.640 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

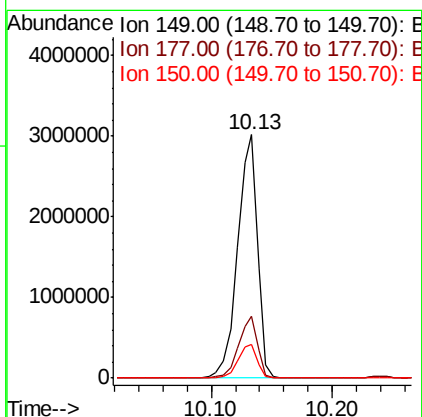
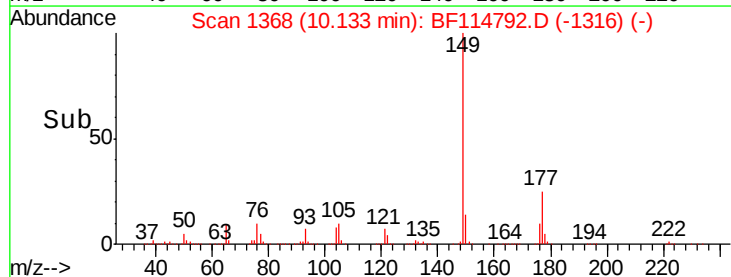
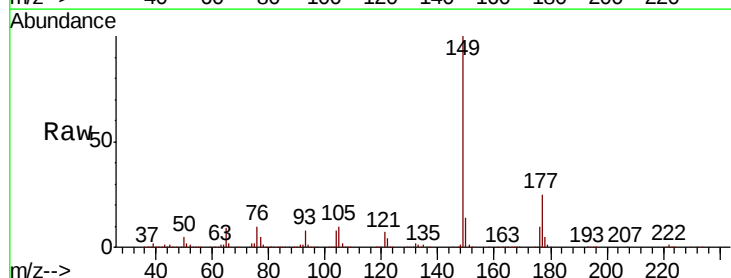
Instrument :
BNA_F
ClientSampleId :

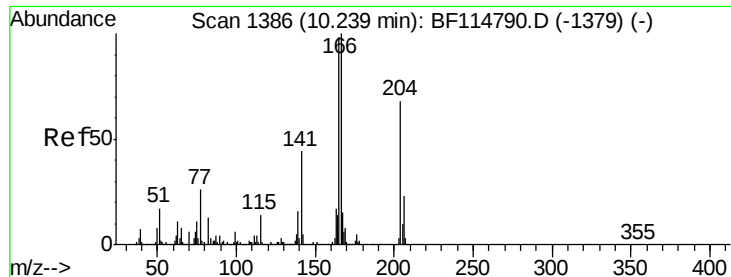
Tot Ion:232 Resp: 904058
Ion Ratio Lower Upper
232 100
131 46.4 36.8 55.2
130 2.3 1.8 2.6
166 31.0 24.6 37.0



#60
Diethylphthalate
Concen: 57.330 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:149 Resp: 3447395
Ion Ratio Lower Upper
149 100
177 25.2 19.3 28.9
150 14.0 10.7 16.1

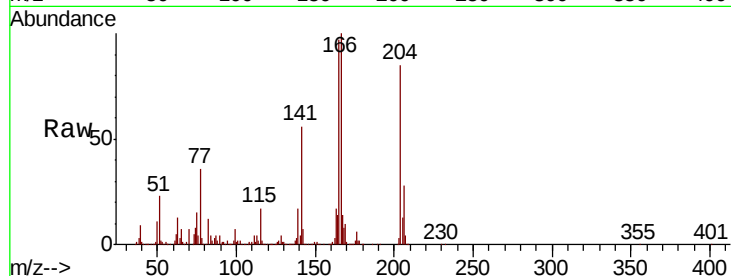




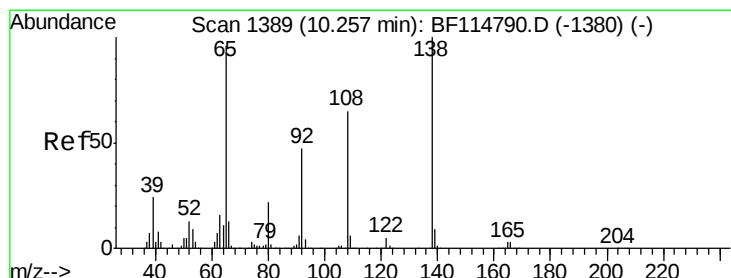
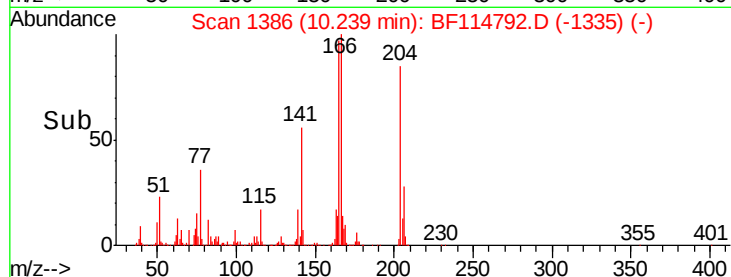
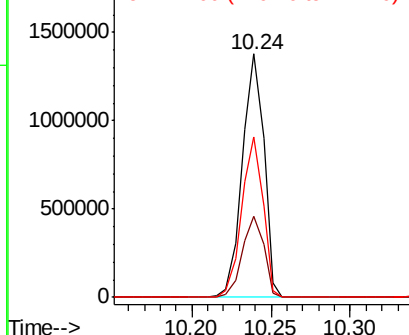
#61
4-Chlorophenyl-phenylether
Concen: 54.110 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1301846
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 66.0 51.0 76.4

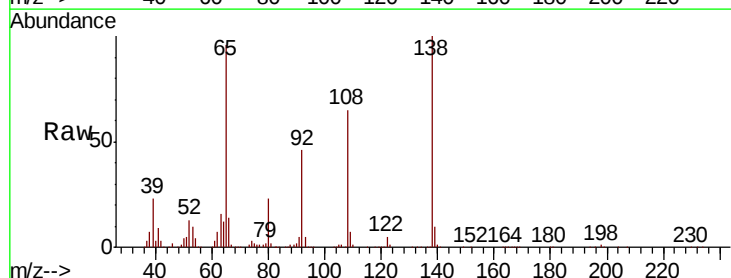


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

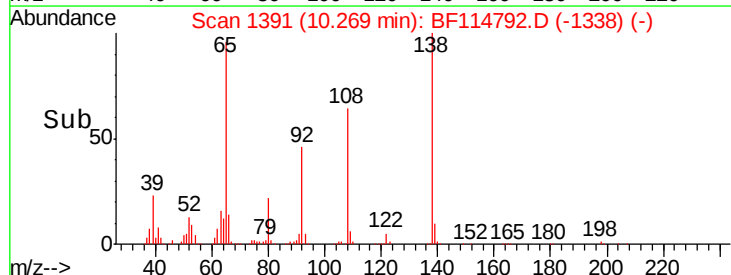
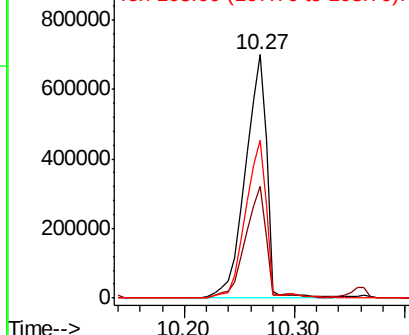


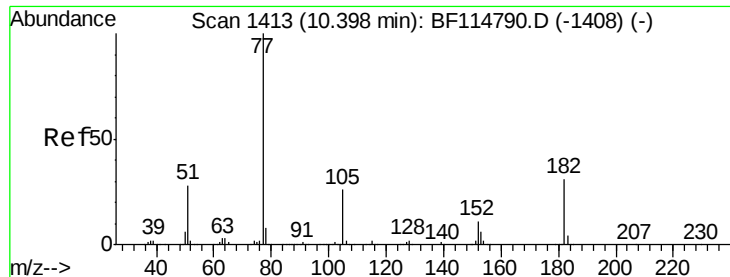
#62
4-Nitroaniline
Concen: 59.486 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:138 Resp: 955355
Ion Ratio Lower Upper
138 100
92 46.1 26.5 66.5
108 64.6 45.4 85.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 56.507 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

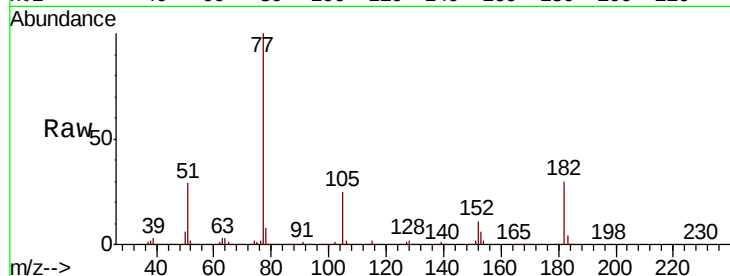
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2915274

Ion	Ratio	Lower	Upper
77	100		
182	29.6	11.2	51.2
105	25.4	5.7	45.7
51	29.2	8.0	48.0

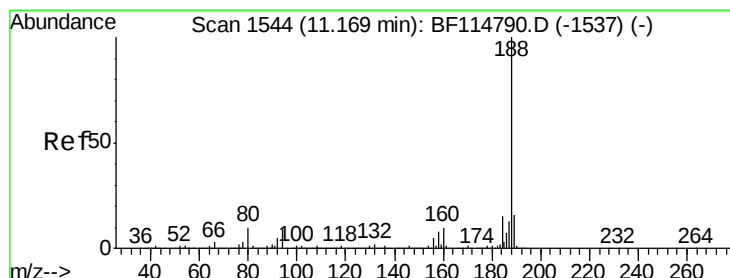
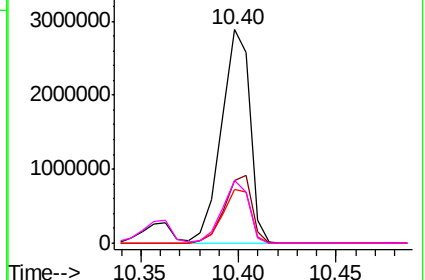
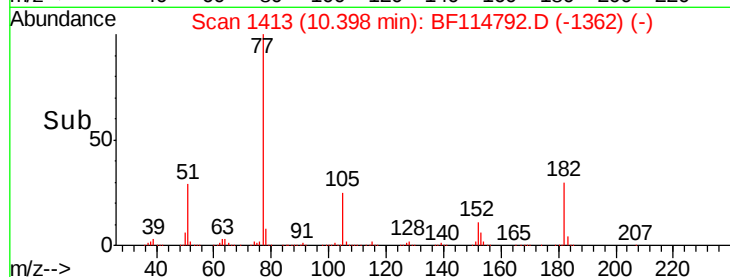


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

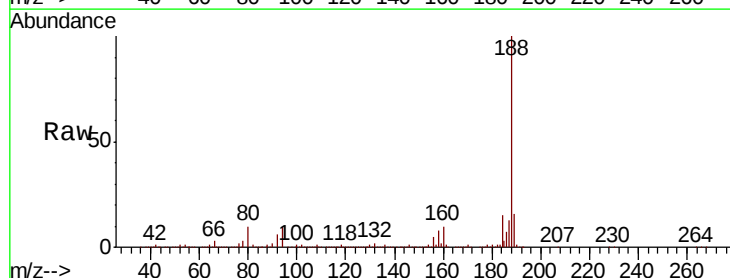
Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Tgt Ion: 188 Resp: 1580471

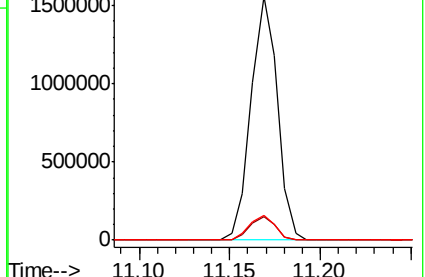
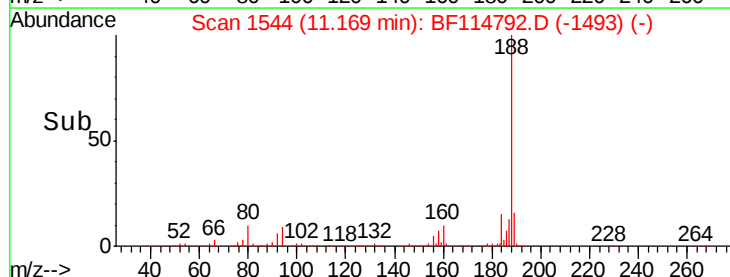
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	10.3	8.3	12.5

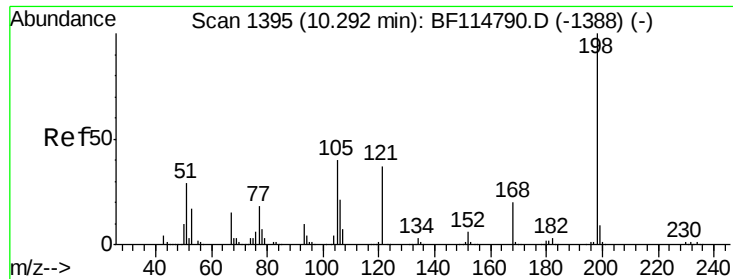


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

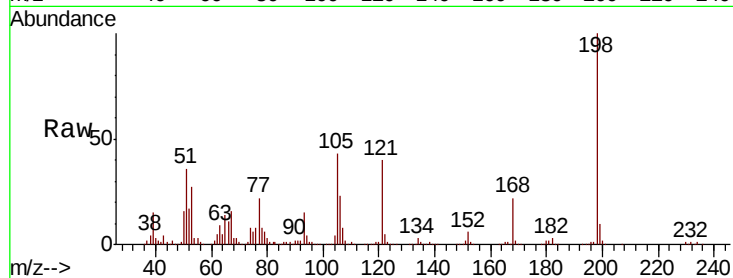




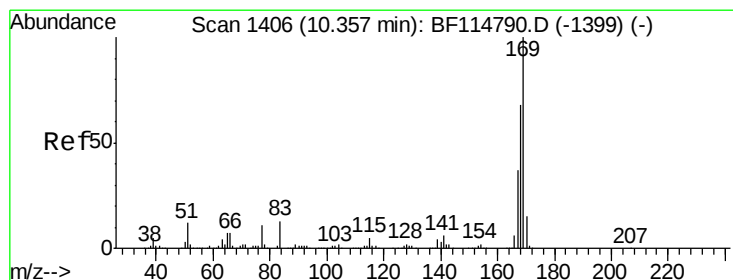
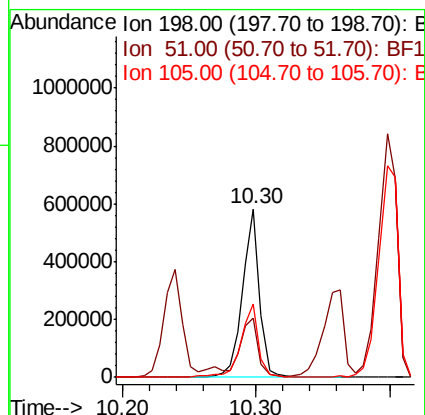
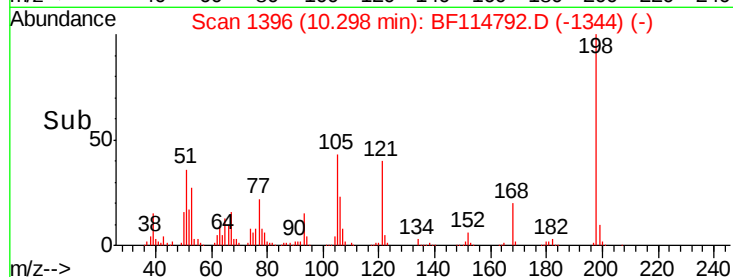
#65
4,6-Dinitro-2-methylphenol
Concen: 63.065 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 515584
Ion Ratio Lower Upper
198 100
51 35.6 14.9 54.9
105 43.3 21.0 61.0

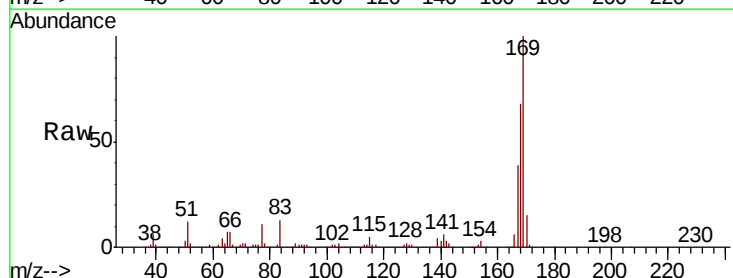


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

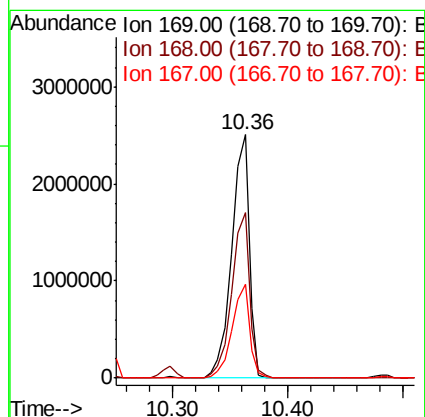
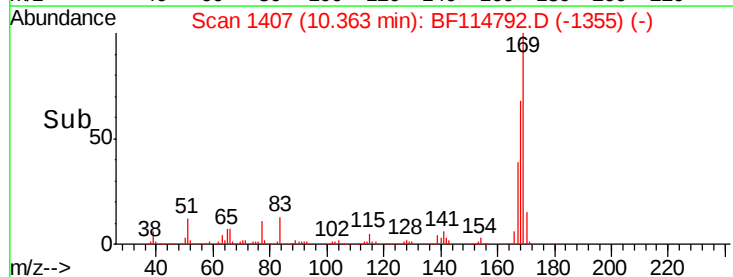


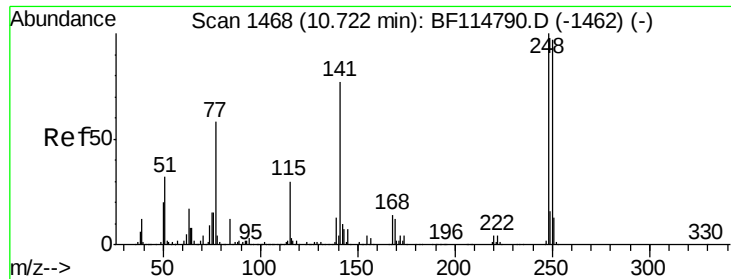
#66
n-Nitrosodiphenylamine
Concen: 56.991 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:169 Resp: 2646563
Ion Ratio Lower Upper
169 100
168 68.1 54.3 81.5
167 38.7 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

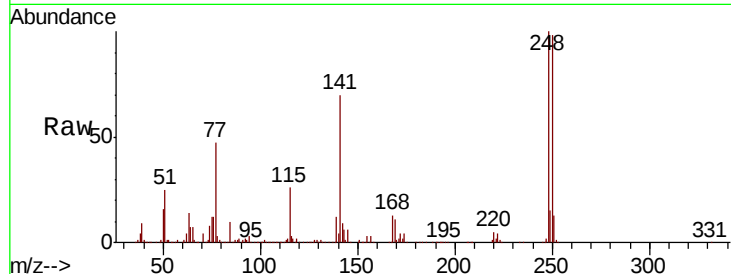




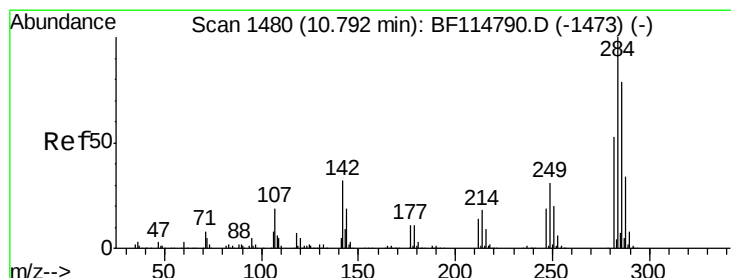
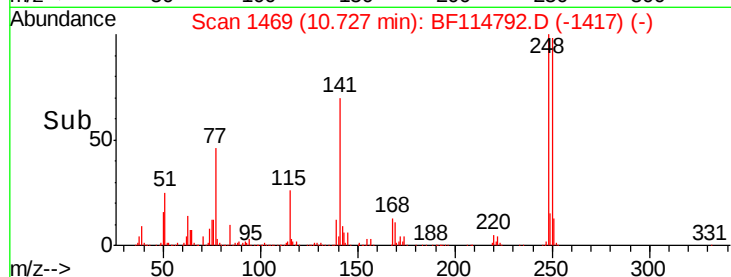
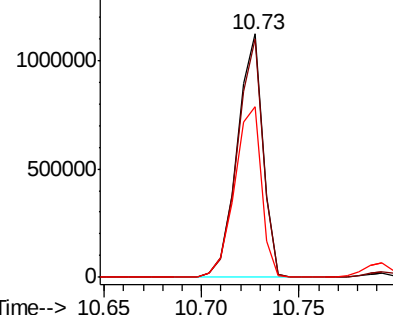
#67
4-Bromophenyl-phenylether
Concen: 58.577 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 1022592
Ion Ratio Lower Upper
248 100
250 98.1 77.5 116.3
141 70.2 61.8 92.8

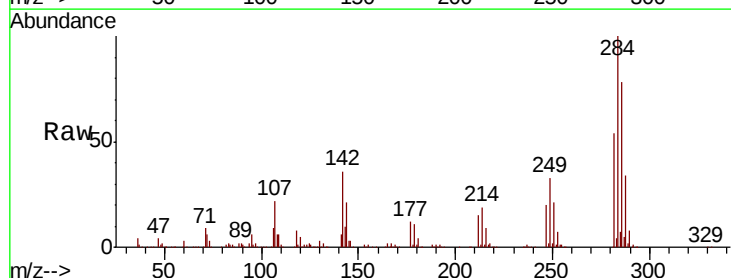


Abundance Ion 248.00 (247.70 to 248.70): E
1500000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

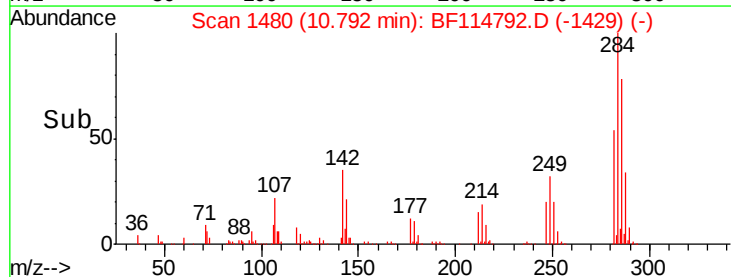
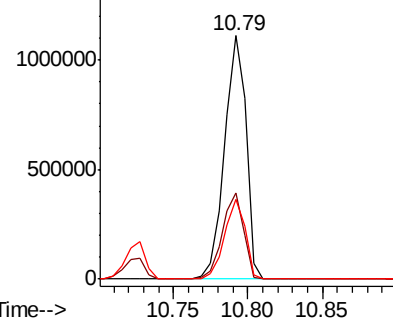


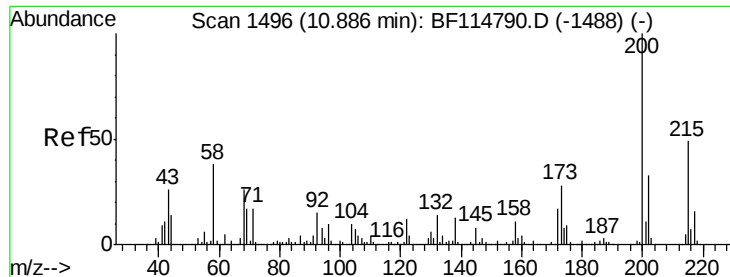
#68
Hexachlorobenzene
Concen: 58.510 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:284 Resp: 1116830
Ion Ratio Lower Upper
284 100
142 35.6 25.3 37.9
249 32.7 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
1500000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

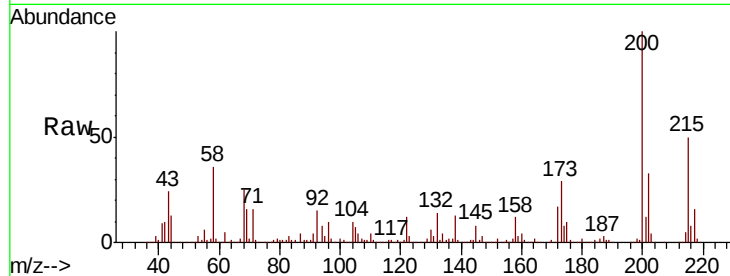




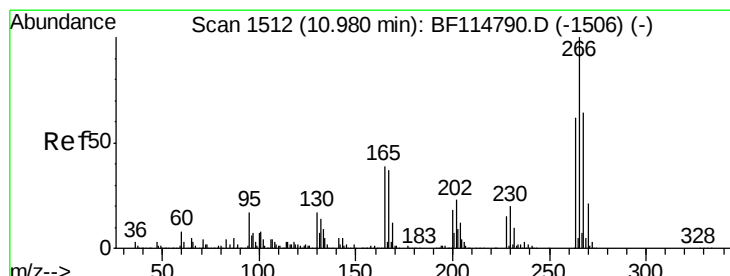
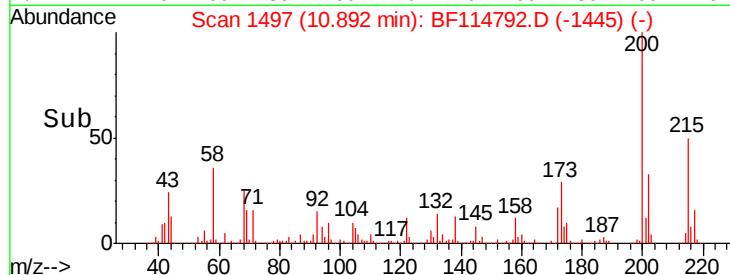
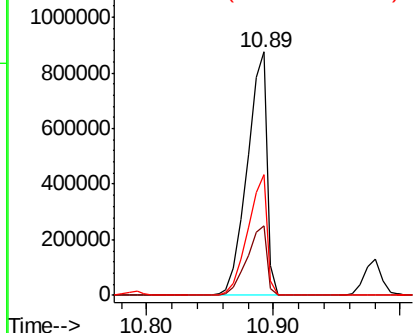
#69
 Atrazine
 Concen: 68.679 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 947003
 Ion Ratio Lower Upper
 200 100
 173 28.5 8.0 48.0
 215 49.5 28.7 68.7

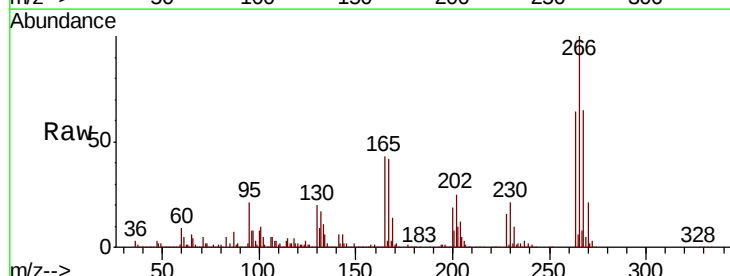


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

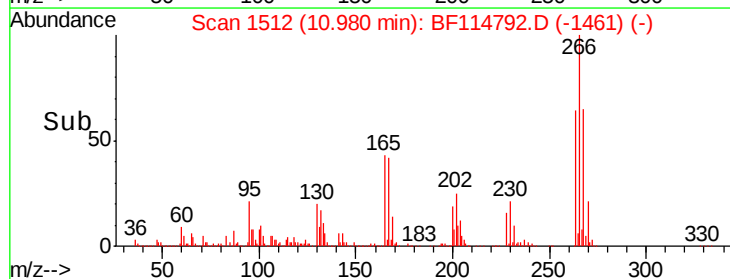
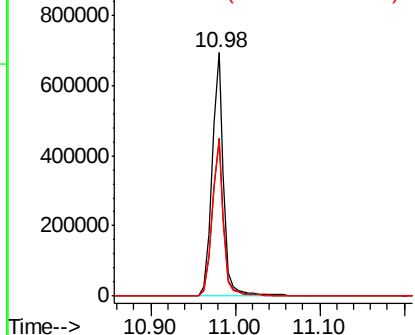


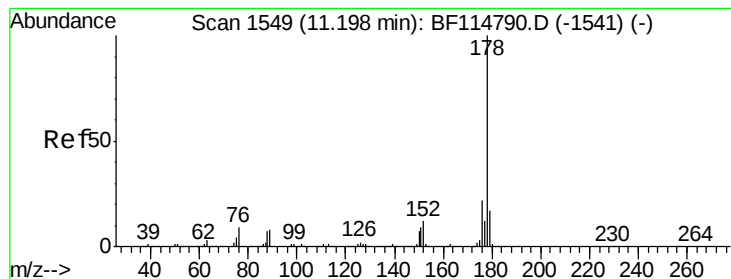
#70
 Pentachlorophenol
 Concen: 62.345 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Tgt Ion:266 Resp: 679129
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.0 76.6
 264 63.8 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.033 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampled :

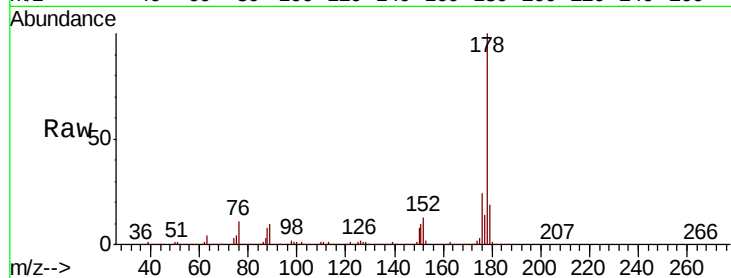
Tot Ion:178 Resp: 4037176

Ion Ratio Lower Upper

178 100

176 23.7 17.7 26.5

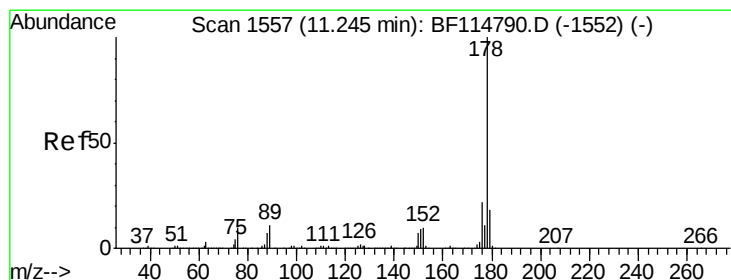
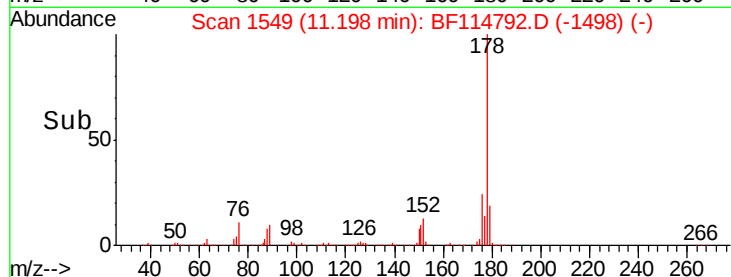
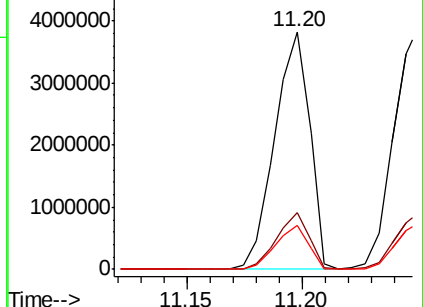
179 18.6 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.492 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

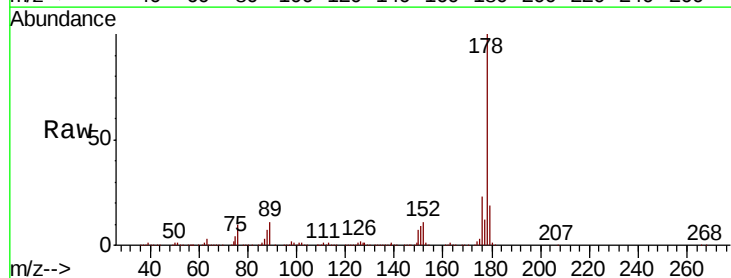
Tgt Ion:178 Resp: 4010664

Ion Ratio Lower Upper

178 100

176 22.9 17.4 26.0

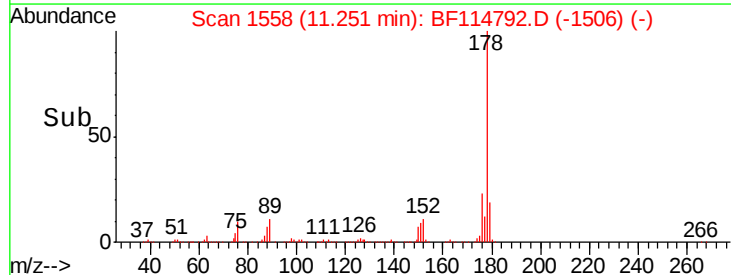
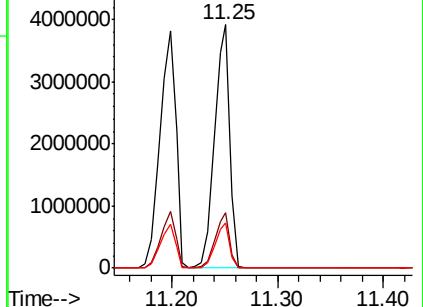
179 18.6 14.2 21.4

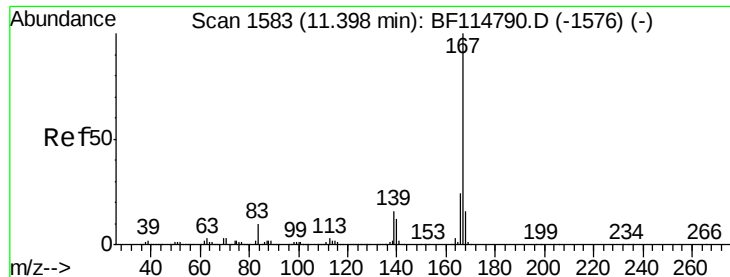


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



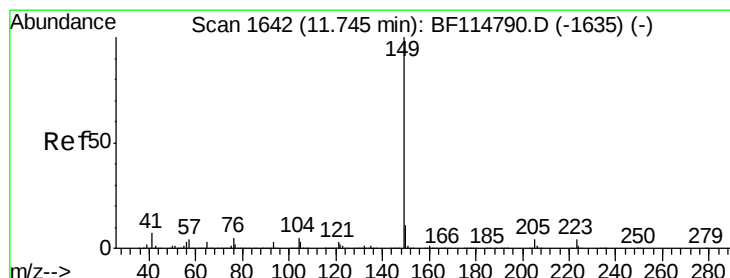
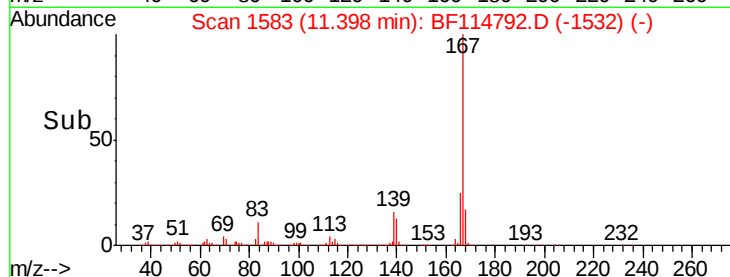
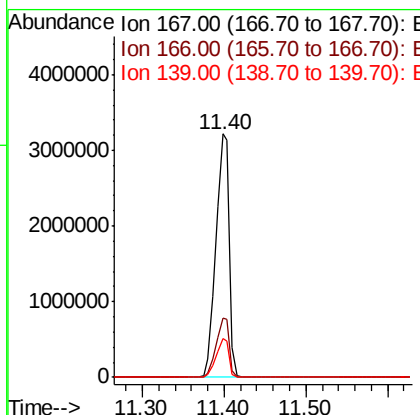
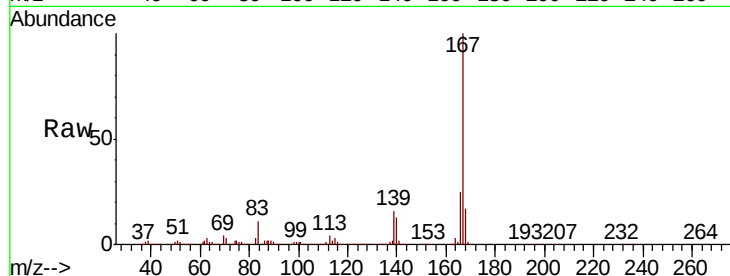


#73
 Carbazole
 Concen: 55.364 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3687973

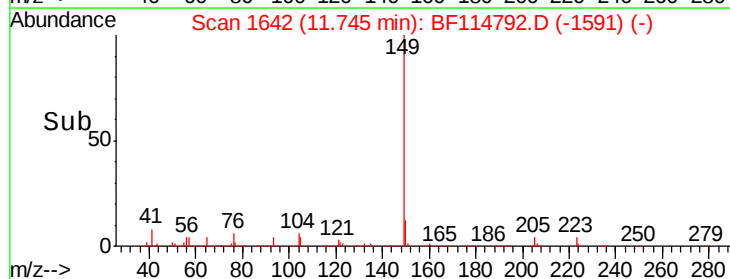
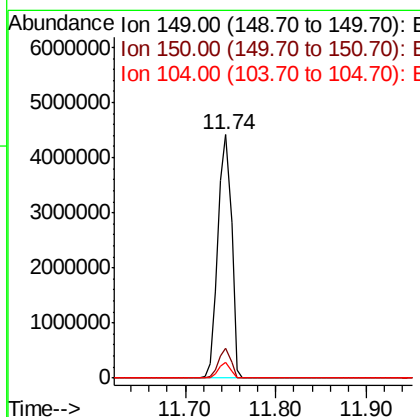
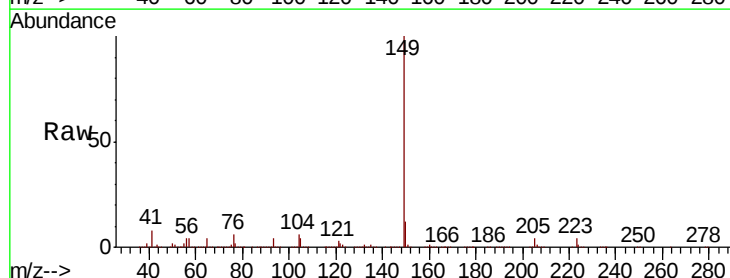
Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.1	28.7
139	16.1	12.4	18.6

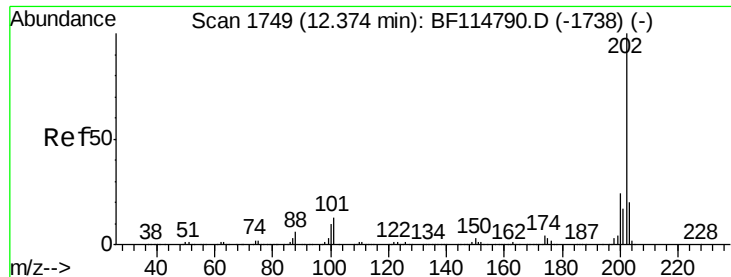


#74
 Di-n-butylphthalate
 Concen: 53.497 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF114792.D
 Acq: 4 Jun 2019 13:19

Tgt Ion:149 Resp: 4542949

Ion	Ratio	Lower	Upper
149	100		
150	12.4	8.9	13.3
104	6.4	4.3	6.5





#75

Fluoranthene

Concen: 54.048 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampled :

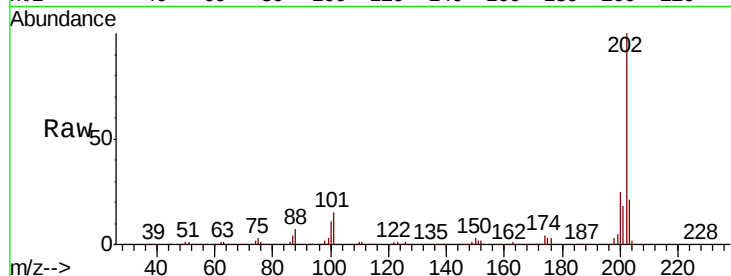
Tot Ion:202 Resp: 3986550

Ion Ratio Lower Upper

202 100

101 15.1 0.0 32.8

203 20.9 0.2 40.2

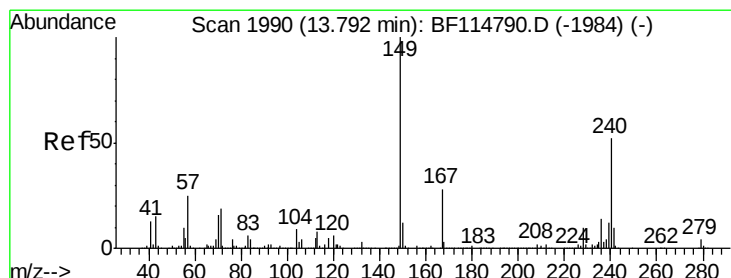
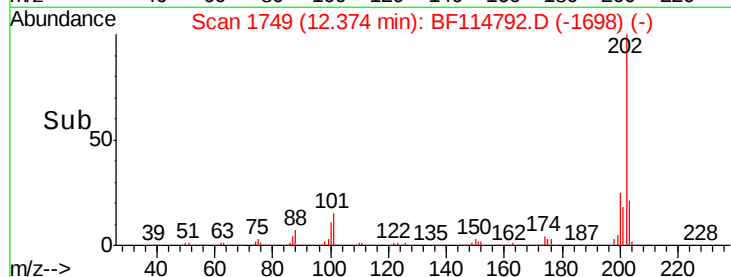
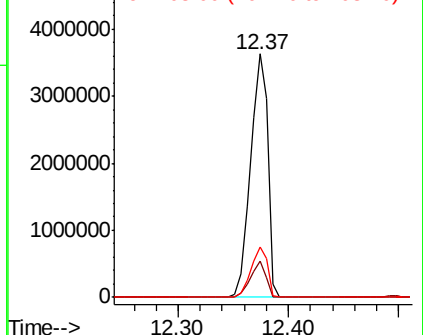


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

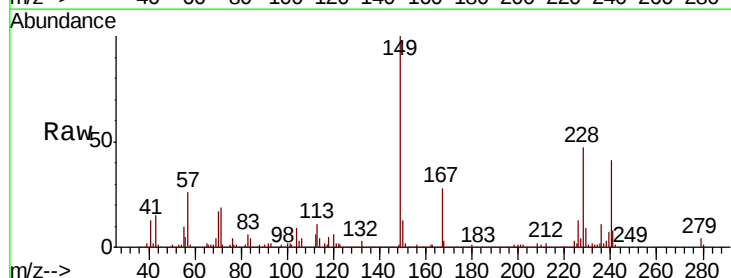
Tgt Ion:240 Resp: 785626

Ion Ratio Lower Upper

240 100

120 13.7 9.0 13.4#

236 26.9 21.4 32.0

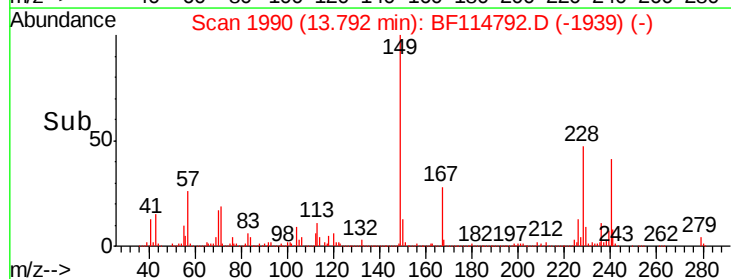
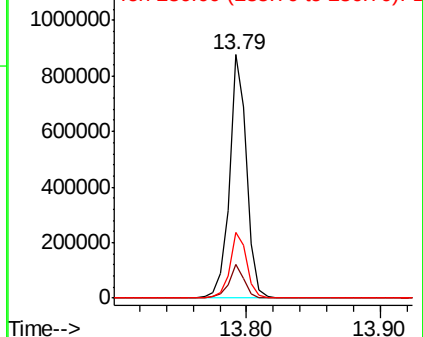


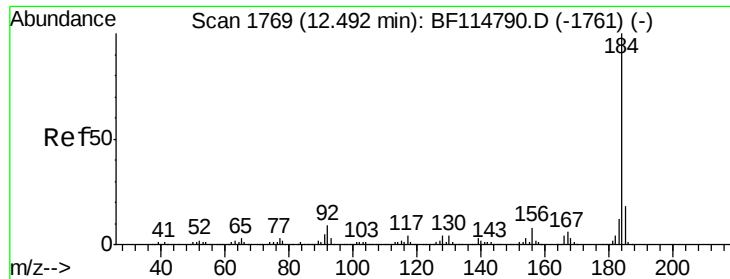
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

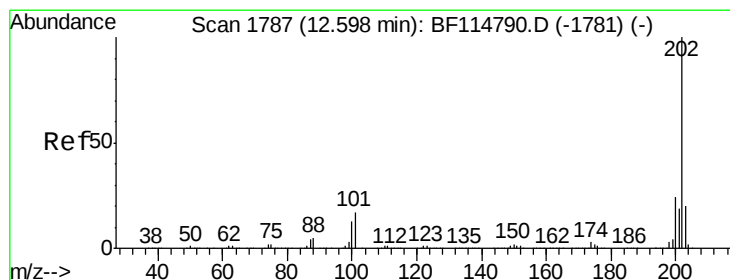
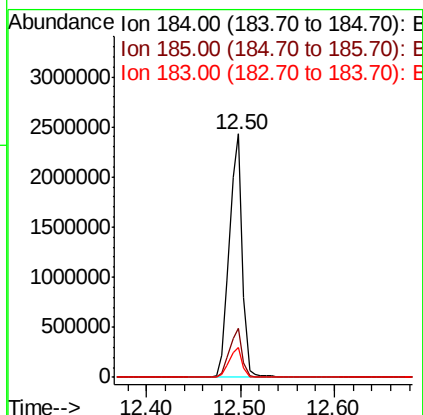
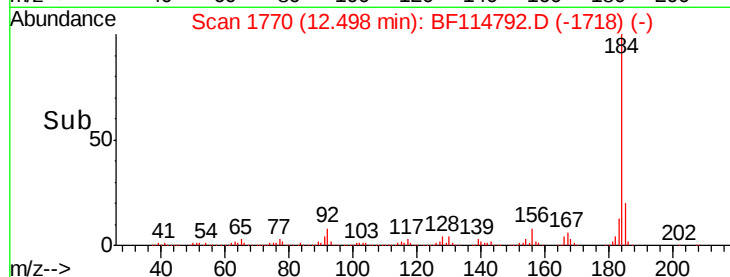
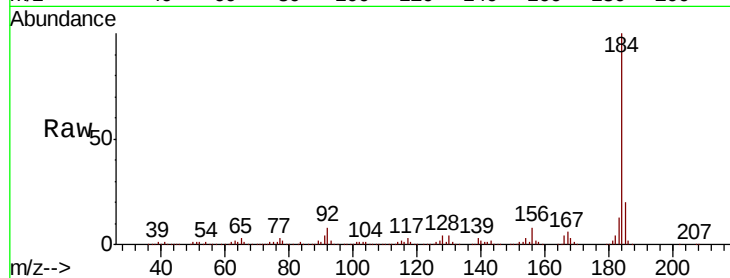




#77
Benzidine
Concen: 75.261 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

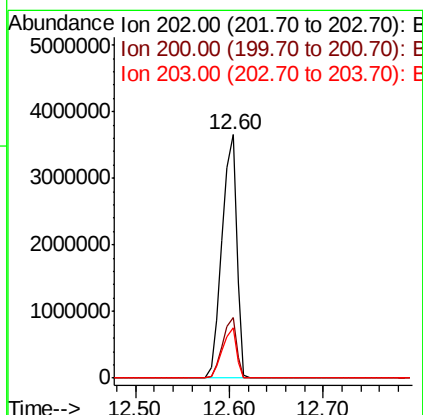
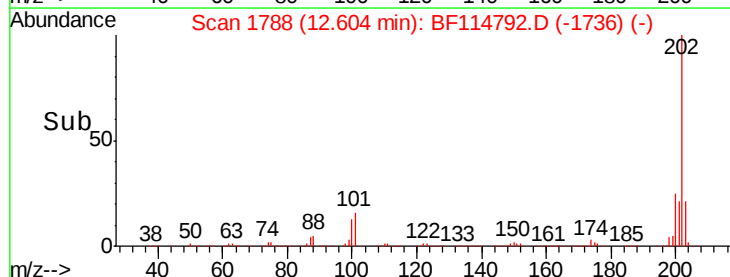
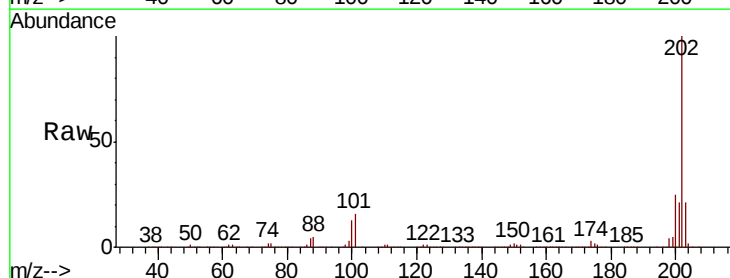
Instrument :
BNA_F
ClientSampleId :

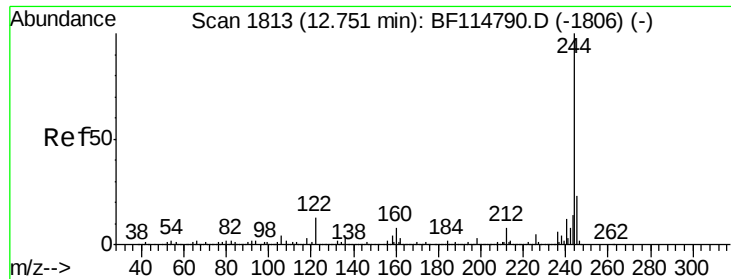
Tot Ion:184 Resp: 2337599
Ion Ratio Lower Upper
184 100
185 19.9 14.1 21.1
183 12.5 9.9 14.9



#78
Pyrene
Concen: 61.512 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:202 Resp: 4033101
Ion Ratio Lower Upper
202 100
200 24.9 19.2 28.8
203 20.6 15.9 23.9





#79

Terphenyl-d14

Concen: 109.247 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

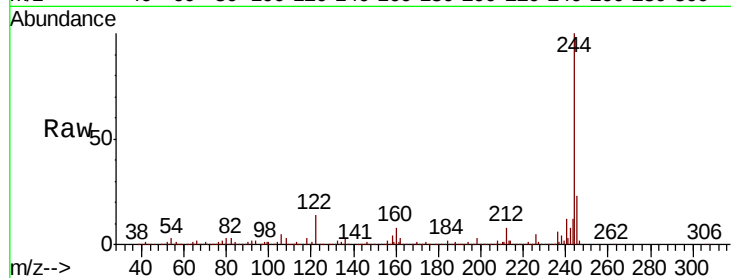
Tot Ion:244 Resp: 4624533

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 13.5 10.5 15.7

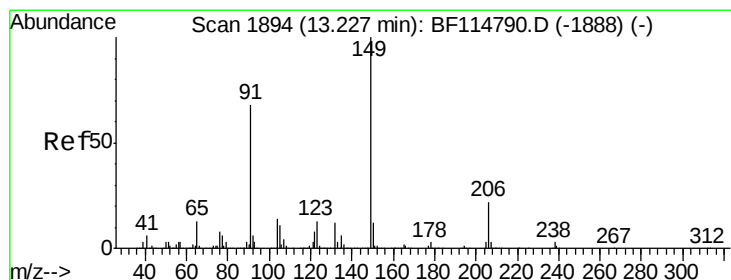
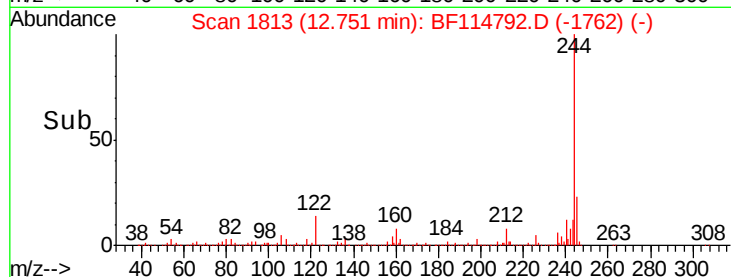
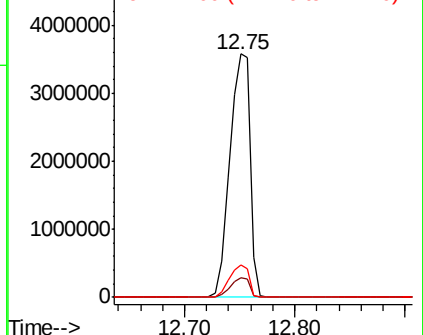


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 62.902 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

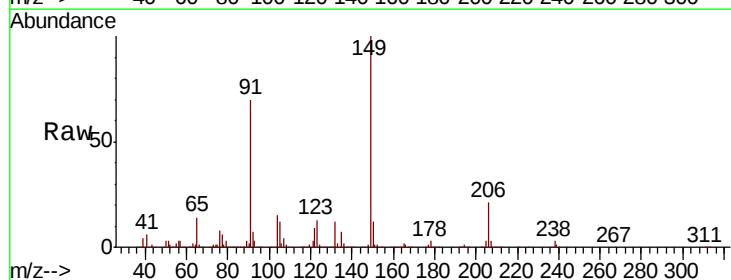
Tgt Ion:149 Resp: 2120335

Ion Ratio Lower Upper

149 100

91 69.5 54.6 82.0

206 20.5 17.2 25.8

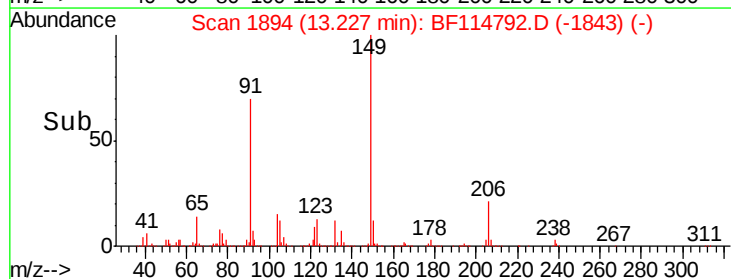
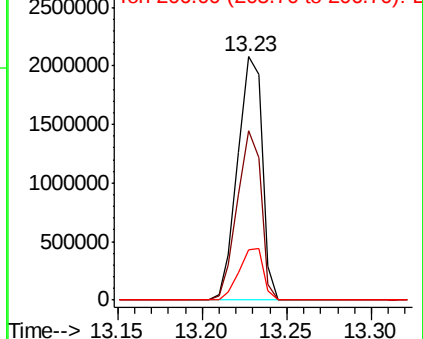


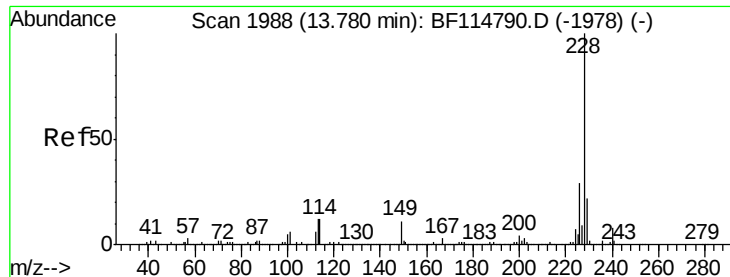
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.389 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

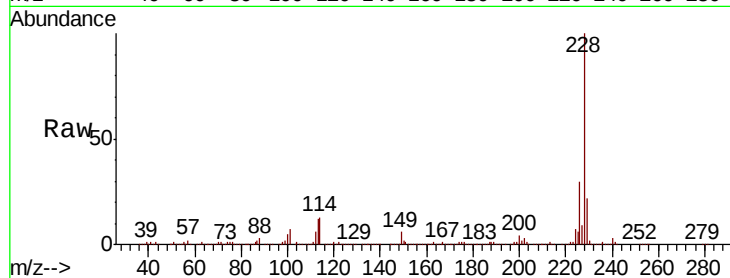
Tot Ion:228 Resp: 3599992

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.1	17.4	26.0

228 100

226 30.0 23.4 35.2

229 22.1 17.4 26.0

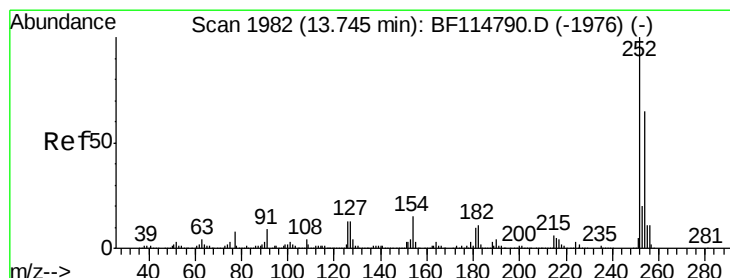
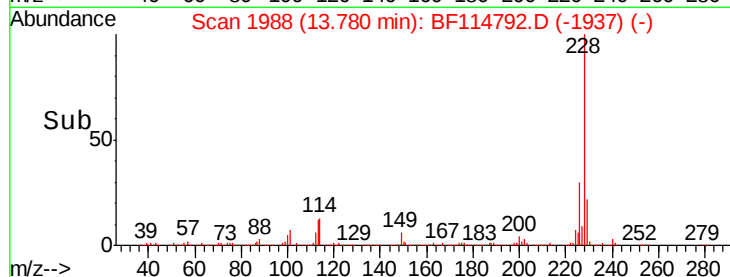
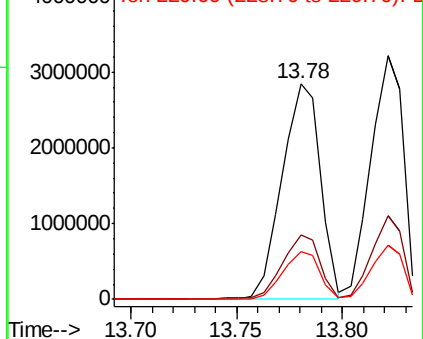


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 63.874 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

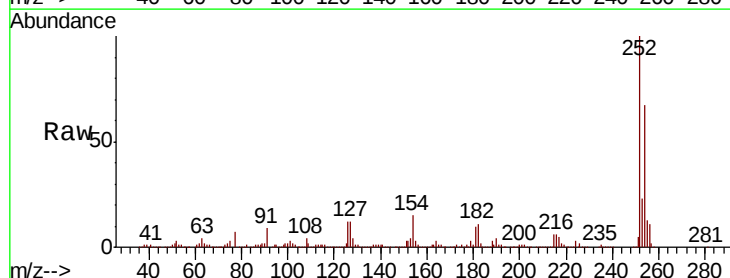
Tgt Ion:252 Resp: 1485683

Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.9	77.9
126	12.2	10.5	15.7

252 100

254 66.8 51.9 77.9

126 12.2 10.5 15.7

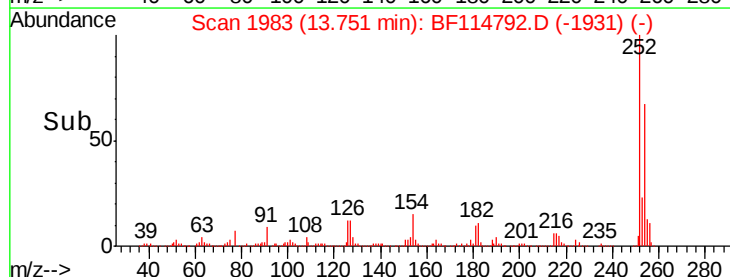
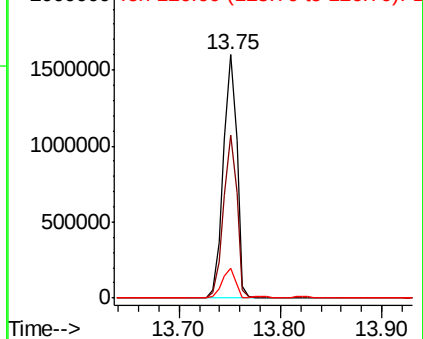


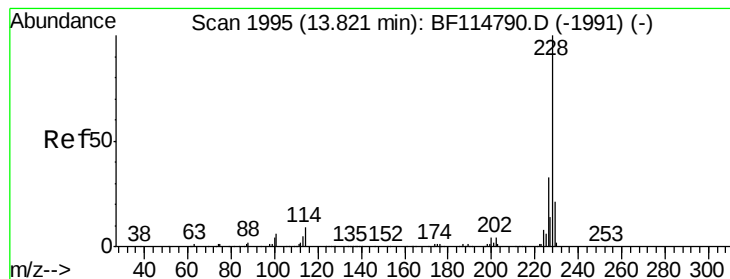
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 61.542 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

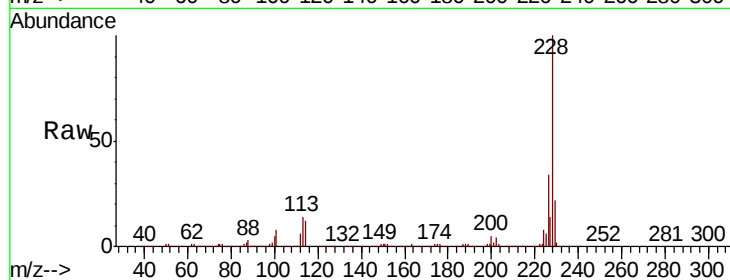
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3480606

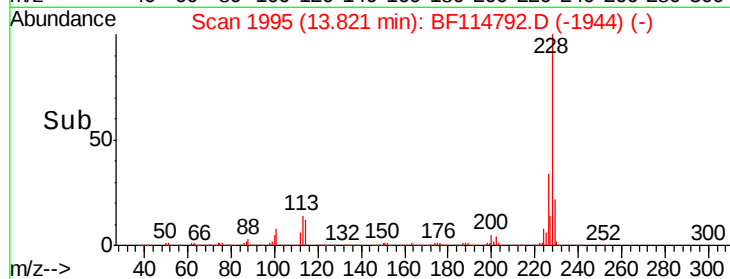
Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.0	39.0
229	22.4	17.1	25.7



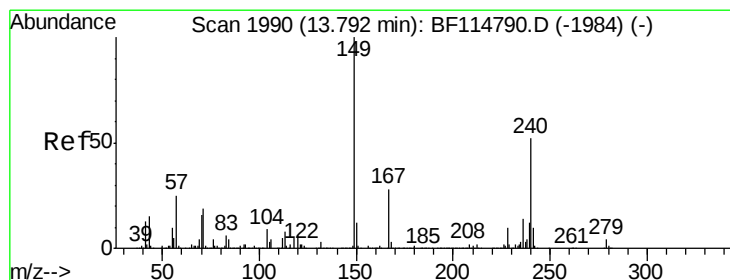
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.123 ng

RT: 13.80 min Scan# 1991

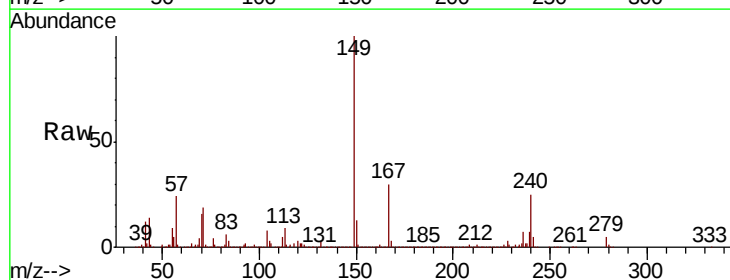
Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Tgt Ion:149 Resp: 2581878

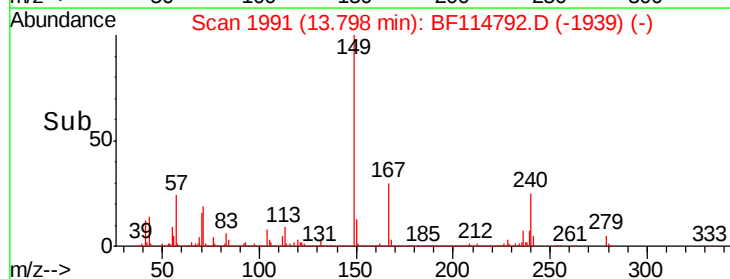
Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.7	34.1
279	4.7	3.1	4.7#



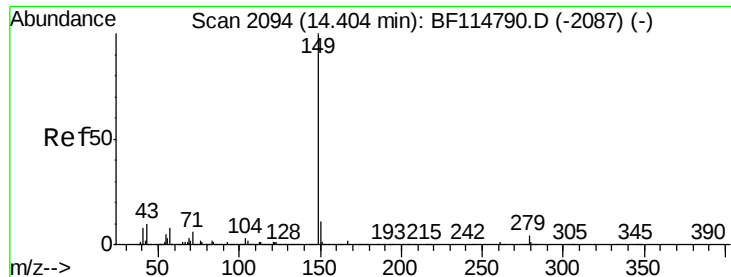
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 61.281 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

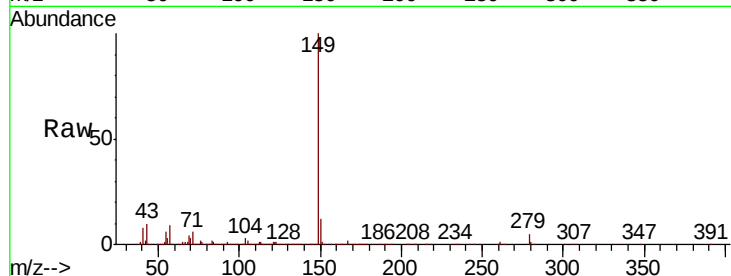
Tot Ion:149 Resp: 4396937

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

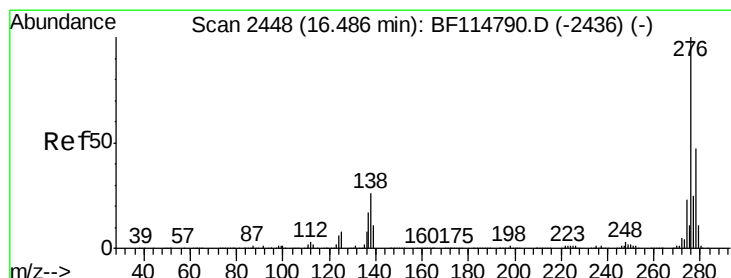
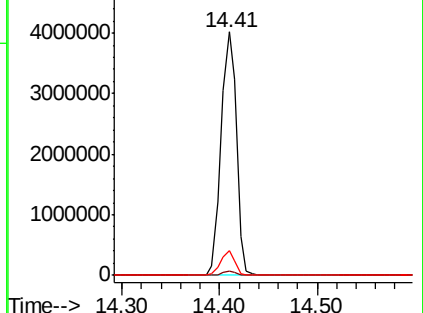
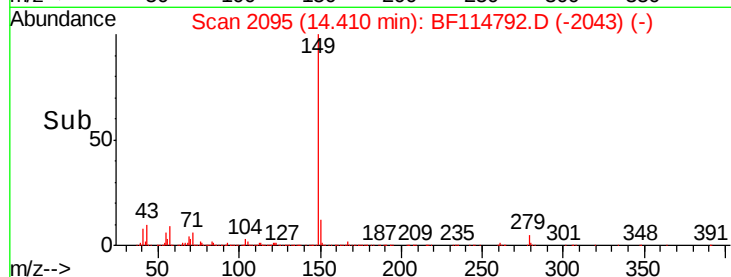
43 9.1 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.184 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

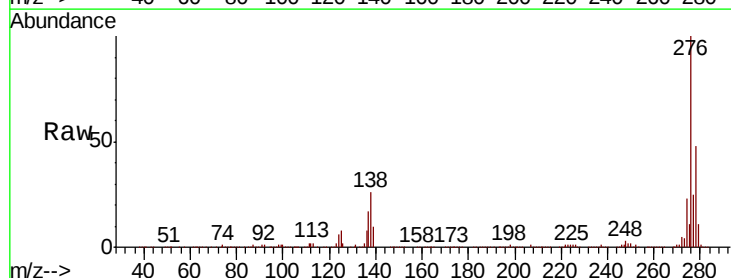
Tgt Ion:276 Resp: 4067222

Ion Ratio Lower Upper

276 100

138 27.7 22.2 33.4

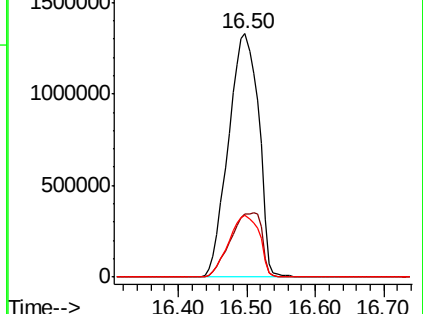
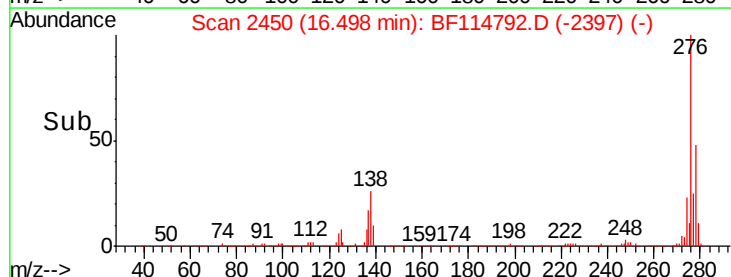
277 25.9 20.6 30.8

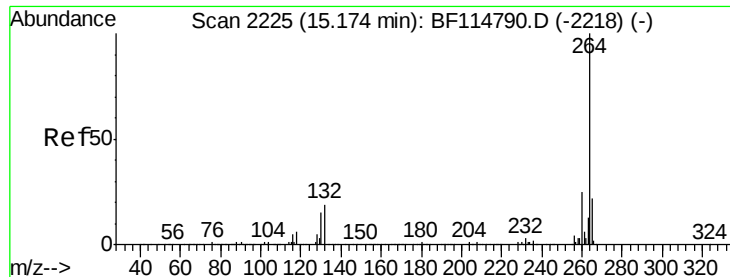


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

Instrument :

BNA_F

ClientSampleId :

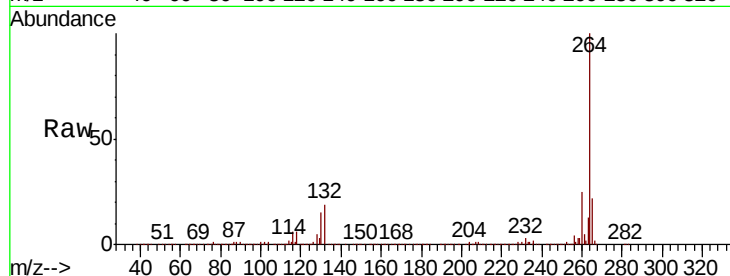
Tot Ion:264 Resp: 1094644

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

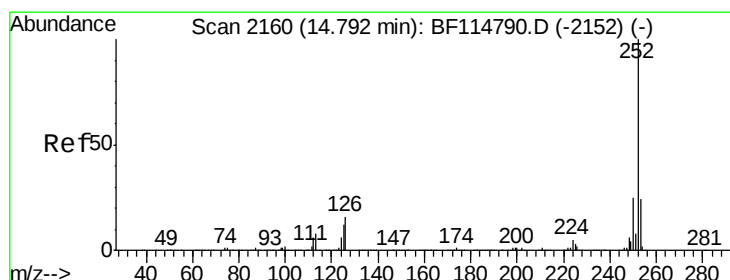
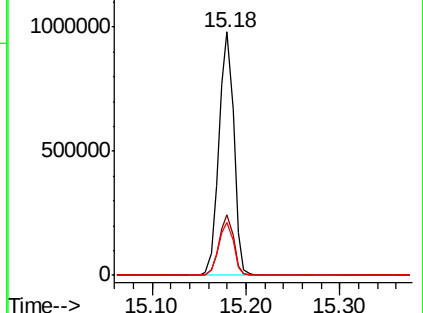
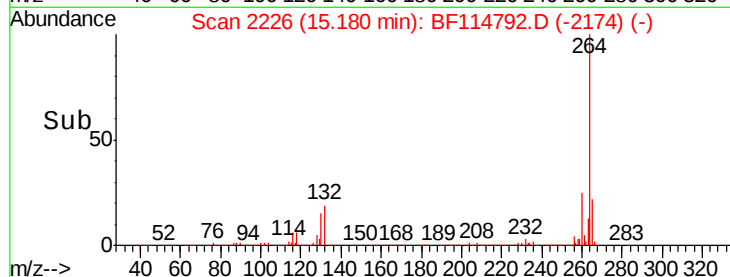
265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 60.986 ng

RT: 14.80 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BF114792.D

Acq: 4 Jun 2019 13:19

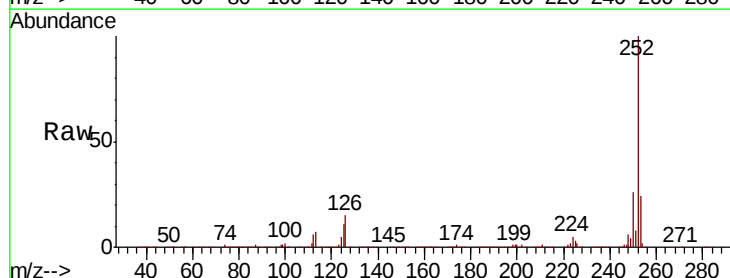
Tgt Ion:252 Resp: 4053109

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.6

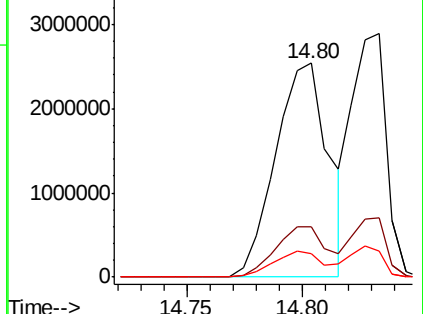
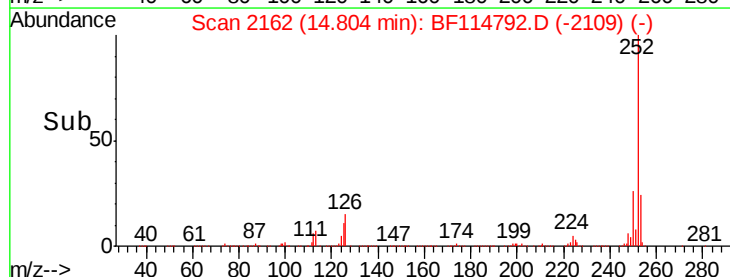
125 11.1 9.4 14.0

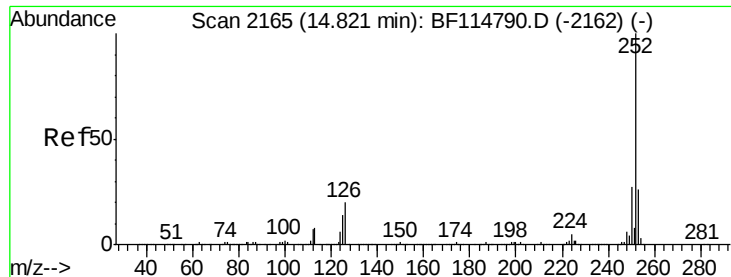


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

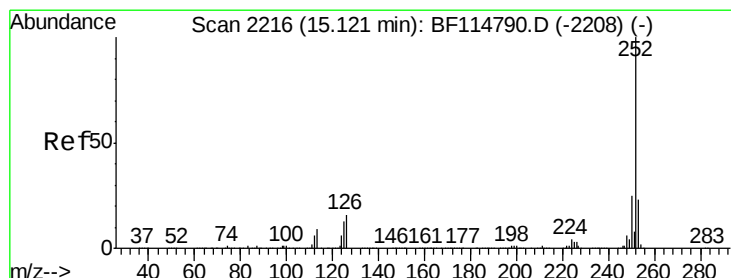
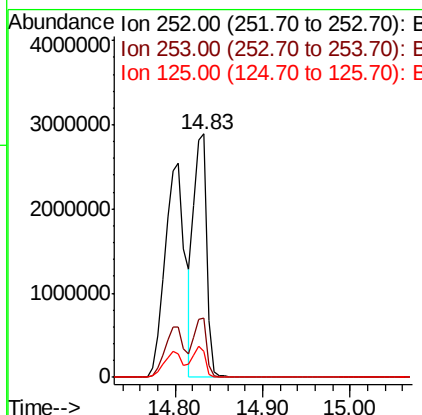
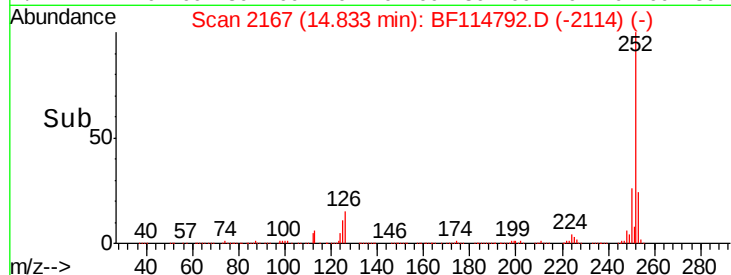
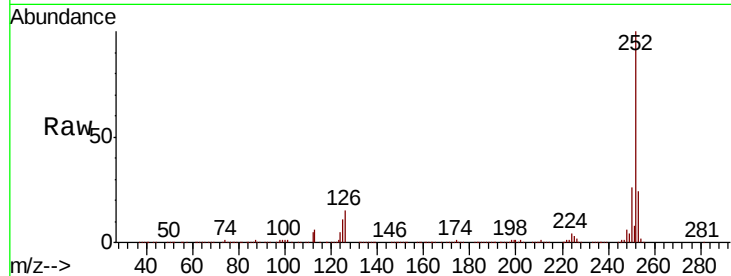




#89
Benzo(k)fluoranthene
Concen: 54.338 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

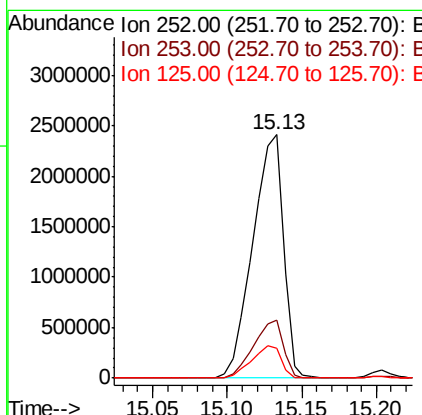
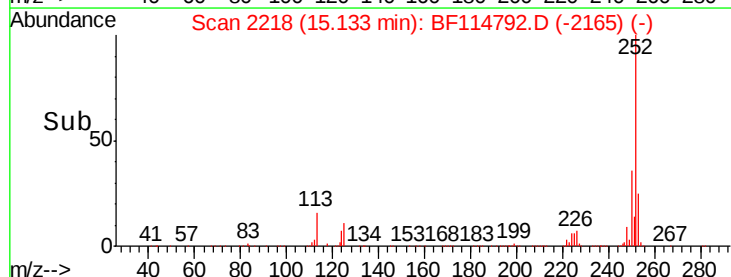
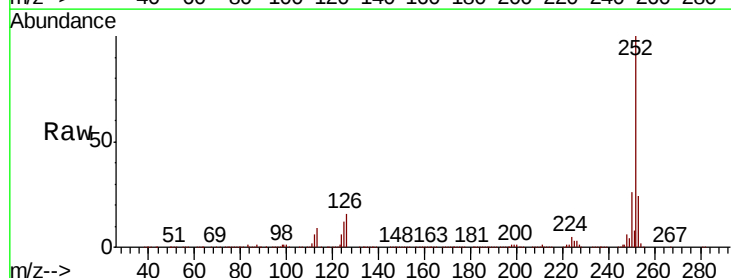
Instrument :
BNA_F
ClientSampleId :

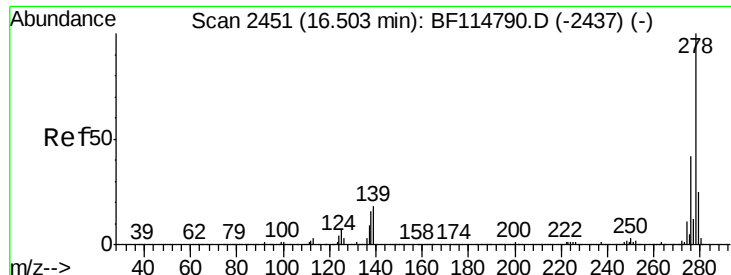
Tot Ion:252 Resp: 3025907
Ion Ratio Lower Upper
252 100
253 24.3 19.3 28.9
125 10.5 10.1 15.1



#90
Benzo(a)pyrene
Concen: 58.501 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:252 Resp: 3422181
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 12.4 10.1 15.1



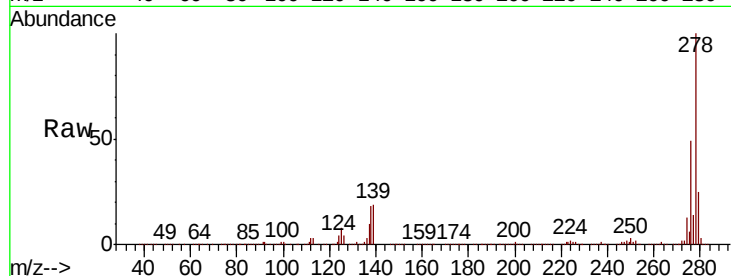


#91
Dibenzo(a,h)anthracene
Concen: 57.963 ng
RT: 16.52 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

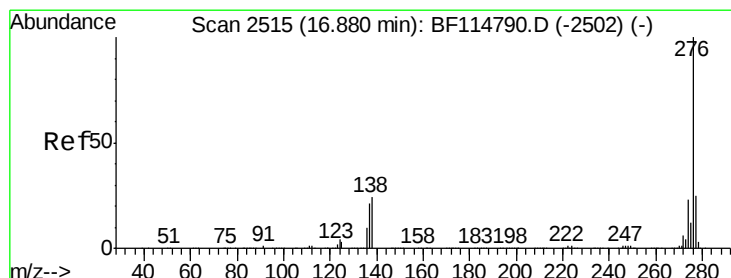
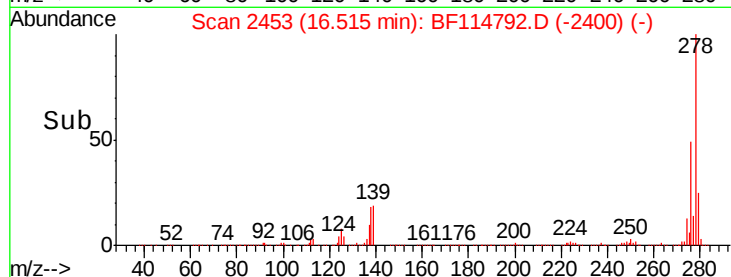
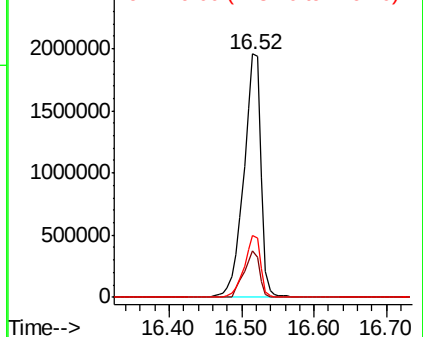
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 3218372

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.6	22.0
279	25.2	20.1	30.1



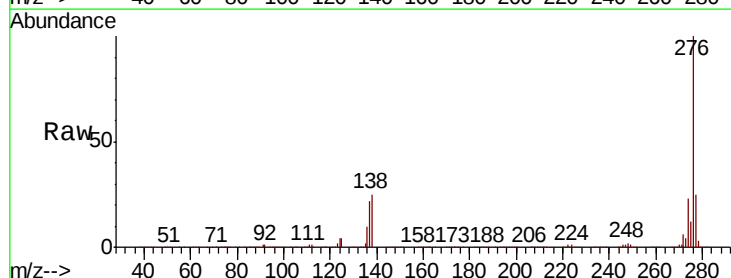
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.549 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF114792.D
Acq: 4 Jun 2019 13:19

Tgt Ion:276 Resp: 3287126

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	25.2	19.4	29.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

