

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114836.D
 Acq On : 5 Jun 2019 23:27
 Operator : HP/JU
 Sample : K3189-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:03:32 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 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	362158	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1398963	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	714807	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1386289	20.00	ng	0.00
76) Chrysene-d12	13.80	240	626030	20.00	ng	0.00
87) Perylene-d12	15.17	264	906230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2484844	119.89	ng	0.02
7) Phenol-d6	6.32	99	3110383	123.33	ng	0.01
23) Nitrobenzene-d5	7.23	82	1993529	87.72	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	919564	119.37	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3231646	84.69	ng	0.00
79) Terphenyl-d14	12.76	244	3201281	99.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	346745	35.040	ng	99
3) Pyridine	3.01	79	955398	35.131	ng	99
4) n-Nitrosodimethylamine	2.94	42	417594	41.956	ng	94
6) Aniline	6.33	93	943559	26.367	ng	# 1
8) 2-Chlorophenol	6.46	128	1055367	44.071	ng	98
9) Benzaldehyde	6.21	77	325390	18.601	ng	100
10) Phenol	6.33	94	1214930	42.126	ng	88
11) bis(2-Chloroethyl)ether	6.41	93	986044	43.809	ng	97
12) 1,3-Dichlorobenzene	6.61	146	1120388	40.151	ng	97
13) 1,4-Dichlorobenzene	6.69	146	1136609	40.481	ng	98
14) 1,2-Dichlorobenzene	6.85	146	1055163	41.611	ng	98
15) Benzyl Alcohol	6.82	79	846715	44.397	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1393560	43.291	ng	100
17) 2-Methylphenol	6.93	107	882621	43.119	ng	100
18) Hexachloroethane	7.19	117	408364	38.640	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	690670	41.372	ng	98
20) 3+4-Methylphenols	7.09	107	981727	43.483	ng	# 87
22) Acetophenone	7.08	105	1374331	44.621	ng	97
24) Nitrobenzene	7.25	77	1071426	45.509	ng	99
25) Isophorone	7.50	82	2033170	45.254	ng	100
26) 2-Nitrophenol	7.57	139	611373	47.946	ng	94
27) 2,4-Dimethylphenol	7.62	122	973618	50.236	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1285877	44.774	ng	99
29) 2,4-Dichlorophenol	7.82	162	939602	46.081	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1000592	42.768	ng	99
31) Naphthalene	7.97	128	2851698	45.278	ng	99
32) Benzoic acid	7.74	122	494308	35.018	ng	98
33) 4-Chloroaniline	8.02	127	496624	16.529	ng	97
34) Hexachlorobutadiene	8.10	225	541950	40.744	ng	99
35) Caprolactam	8.40	113	218810	32.850	ng	87
36) 4-Chloro-3-methylphenol	8.51	107	954428	47.040	ng	99
37) 2-Methylnaphthalene	8.66	142	1999940	45.781	ng	100
38) 1-Methylnaphthalene	8.76	142	1906627	46.023	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	881886	42.811	ng	99

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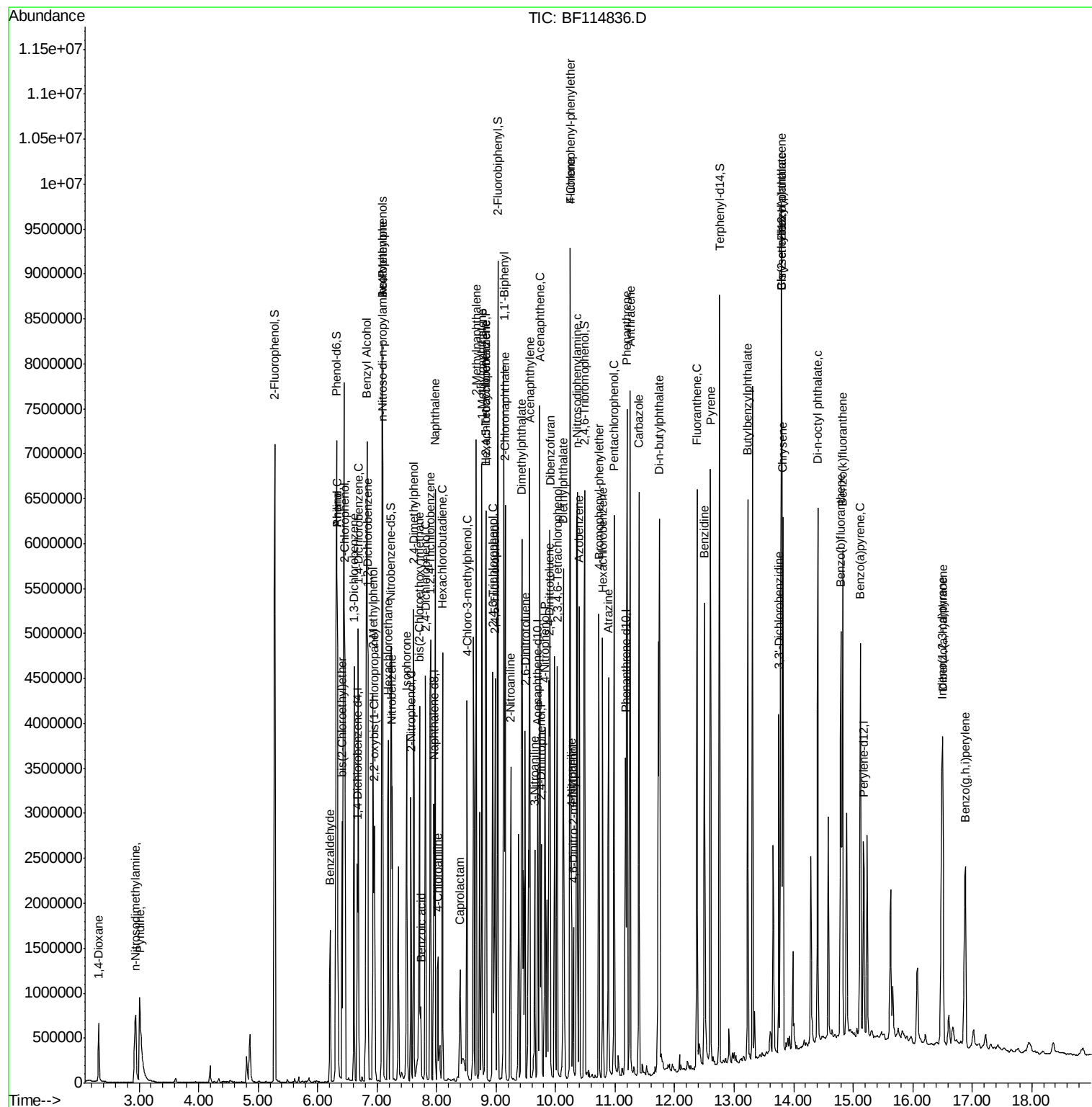
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	623554	49.910	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	706167	44.086	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	729218	45.204	ng	96
46) 1,1'-Biphenyl	9.13	154	2337853	44.129	ng	98
47) 2-Chloronaphthalene	9.15	162	1911683	42.466	ng	98
48) 2-Nitroaniline	9.25	65	579791	43.159	ng	96
49) Acenaphthylene	9.56	152	2911630	44.601	ng	100
50) Dimethylphthalate	9.43	163	2919848	55.928	ng	99
51) 2,6-Dinitrotoluene	9.49	165	560180	45.625	ng	90
52) Acenaphthene	9.73	154	1761559	41.193	ng	100
53) 3-Nitroaniline	9.65	138	418716	29.193	ng	98
54) 2,4-Dinitrophenol	9.76	184	356872	64.233	ng	96
55) Dibenzofuran	9.90	168	2560129	43.053	ng	99
56) 4-Nitrophenol	9.82	139	952111	90.592	ng	99
57) 2,4-Dinitrotoluene	9.89	165	735485	47.651	ng	96
58) Fluorene	10.25	166	1787031	47.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	616594	46.654	ng	99
60) Diethylphthalate	10.13	149	2375754	45.350	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	905188	39.744	ng	99
62) 4-Nitroaniline	10.26	138	538214	38.688	ng	100
63) Azobenzene	10.40	77	2043582	45.828	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	259852	36.085	ng	97
66) n-Nitrosodiphenylamine	10.36	169	1879715	44.842	ng	100
67) 4-Bromophenyl-phenylether	10.73	248	653033	41.476	ng	97
68) Hexachlorobenzene	10.79	284	692868	40.209	ng	# 93
69) Atrazine	10.89	200	621440	42.626	ng	98
70) Pentachlorophenol	10.99	266	768892	77.187	ng	98
71) Phenanthrene	11.20	178	2880665	43.528	ng	99
72) Anthracene	11.25	178	2942995	42.255	ng	100
73) Carbazole	11.40	167	2568528	43.020	ng	99
74) Di-n-butylphthalate	11.75	149	3424024	43.602	ng	99
75) Fluoranthene	12.38	202	2741456	39.800	ng	99
77) Benzidine	12.50	184	905331	29.212	ng	96
78) Pyrene	12.60	202	2675490	49.264	ng	99
80) Butylbenzylphthalate	13.23	149	1457912	53.161	ng	97
81) Benzo(a)anthracene	13.79	228	2125580	44.061	ng	98
82) 3,3'-Dichlorobenzidine	13.75	252	777664	39.755	ng	99
83) Chrysene	13.82	228	2128456	45.354	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2210865	63.753	ng	99
85) Di-n-octyl phthalate	14.40	149	3027341	51.377	ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	2044368	38.179	ng	99
88) Benzo(b)fluoranthene	14.79	252	2599631	45.061	ng	99
89) Benzo(k)fluoranthene	14.82	252	1967257	40.154	ng	100
90) Benzo(a)pyrene	15.12	252	2229847	44.655	ng	99
91) Dibenzo(a,h)anthracene	16.51	278	1742298	36.844	ng	99
92) Benzo(g,h,i)perylene	16.89	276	1584093	33.311	ng	98

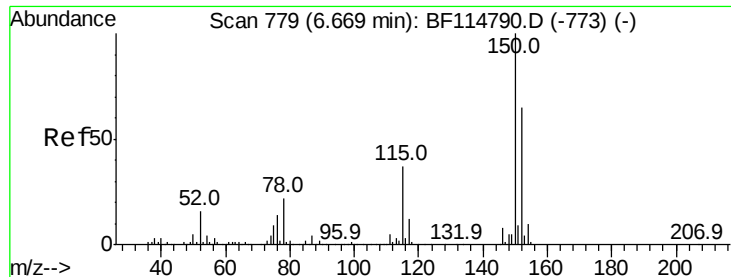
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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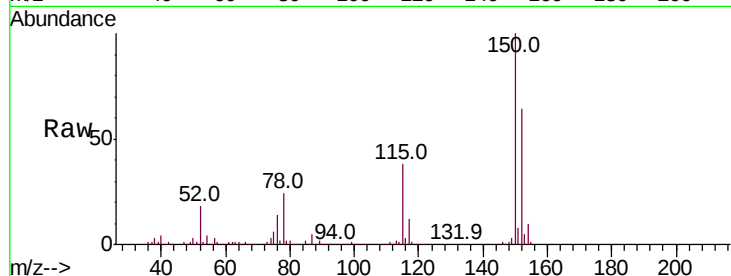


#1

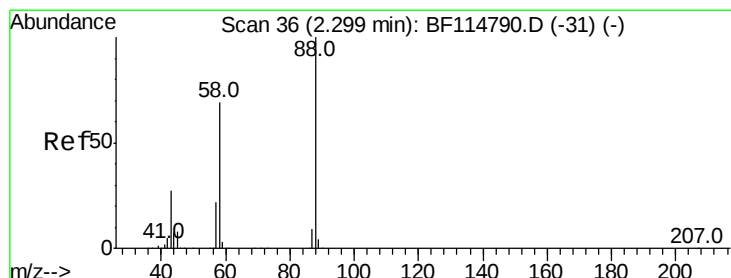
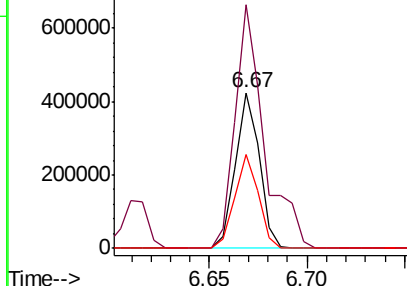
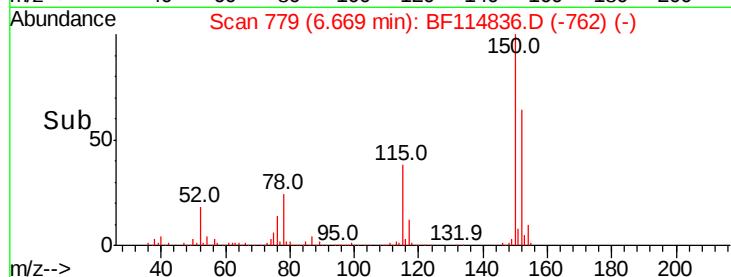
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 362158
Ion Ratio Lower Upper
152 100
150 156.3 124.0 186.0
115 59.9 46.3 69.5



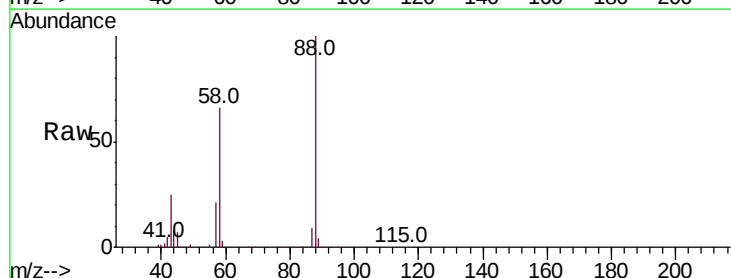
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



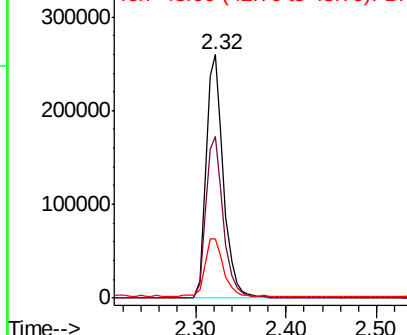
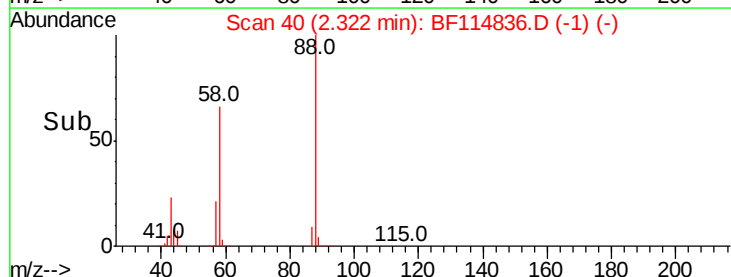
#2

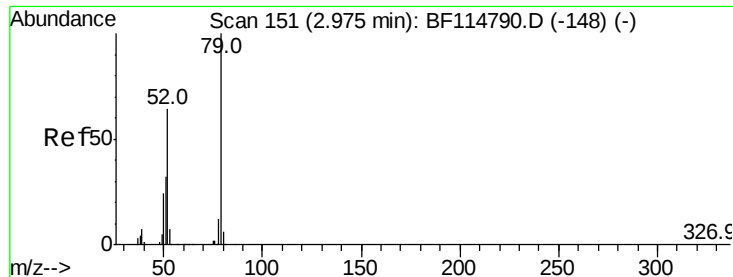
1,4-Dioxane
Concen: 35.040 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion: 88 Resp: 346745
Ion Ratio Lower Upper
88 100
58 66.7 53.8 80.8
43 25.0 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: 35.131 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.04 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

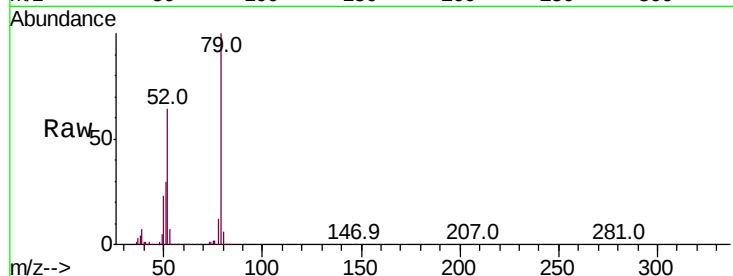
Tot Ion: 79 Resp: 955398

Ion Ratio Lower Upper

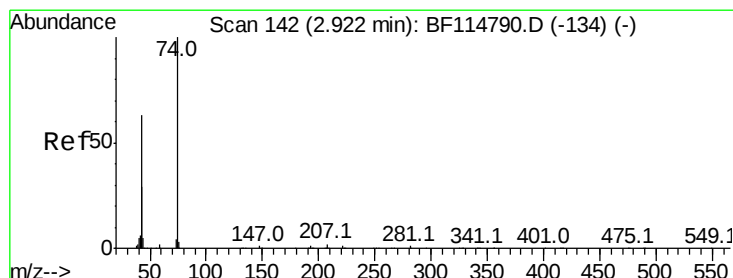
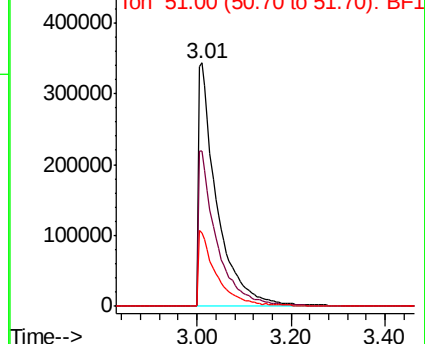
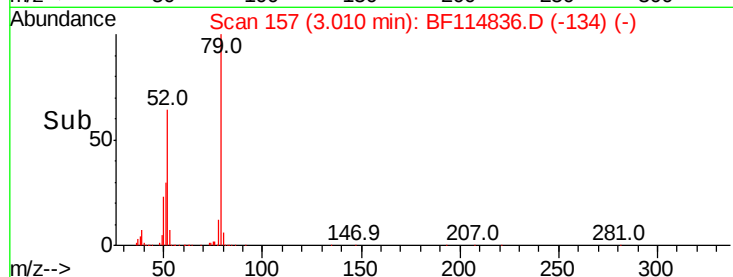
79 100

52 64.0 51.0 76.4

51 30.2 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: 41.956 ng

RT: 2.94 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

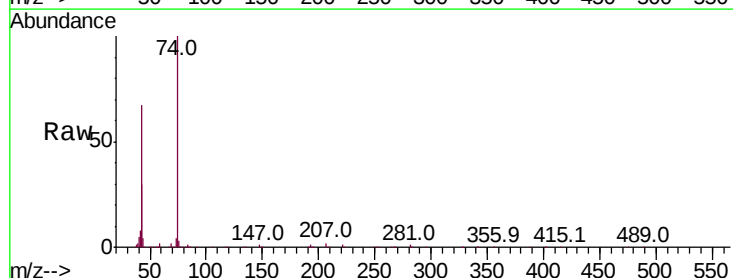
Tgt Ion: 42 Resp: 417594

Ion Ratio Lower Upper

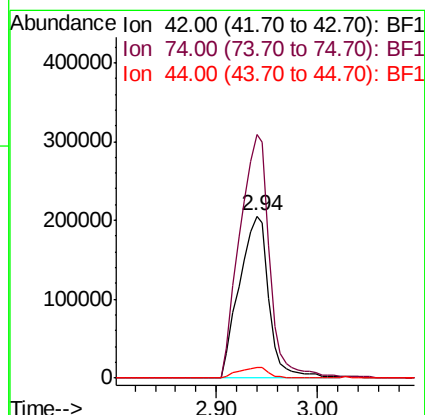
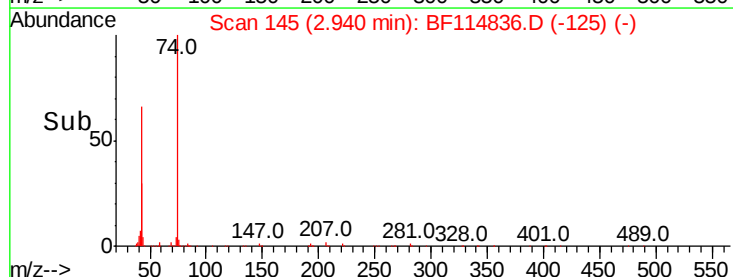
42 100

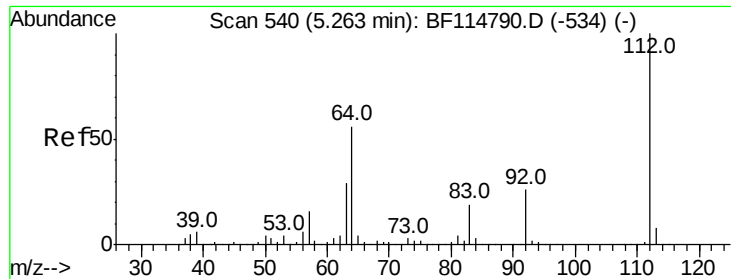
74 150.0 126.2 189.2

44 6.6 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: 119.890 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampled :

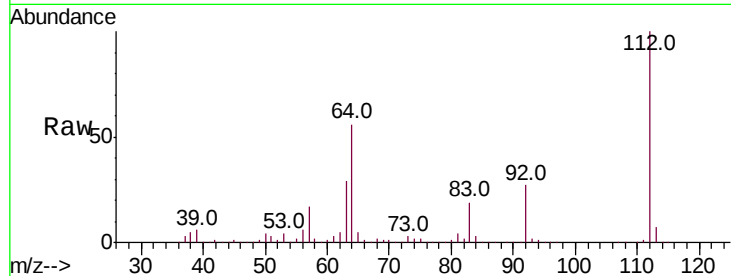
Tot Ion:112 Resp: 2484844

Ion Ratio Lower Upper

112 100

64 55.5 44.6 66.8

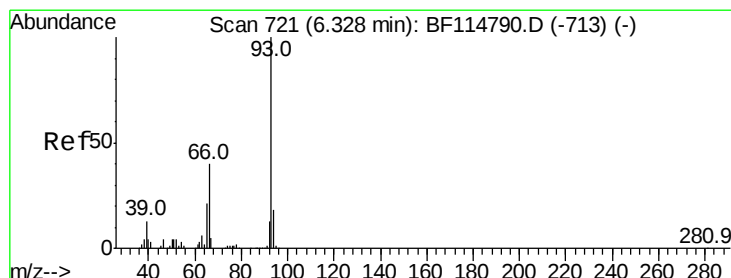
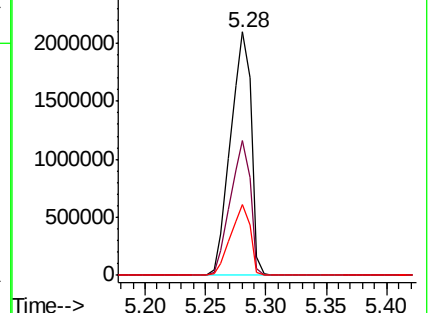
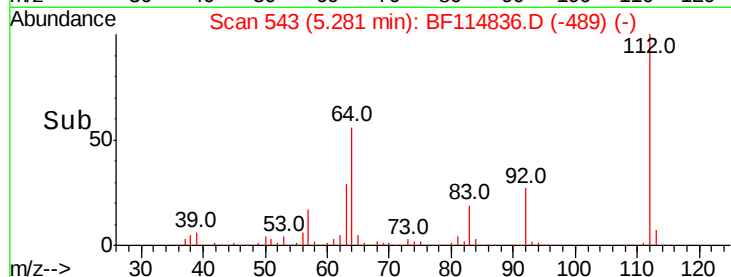
63 28.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.367 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

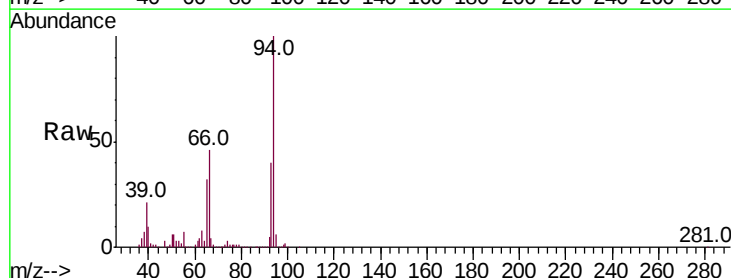
Tgt Ion: 93 Resp: 943559

Ion Ratio Lower Upper

93 100

66 113.2 32.8 49.2#

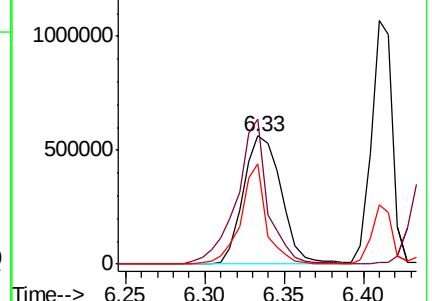
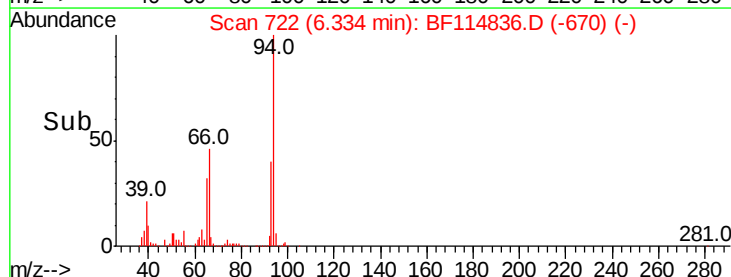
65 78.3 16.9 25.3#

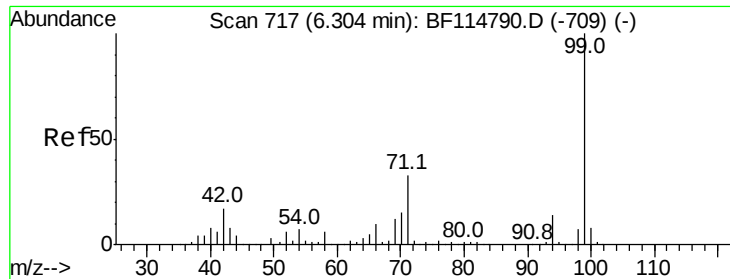


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.332 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

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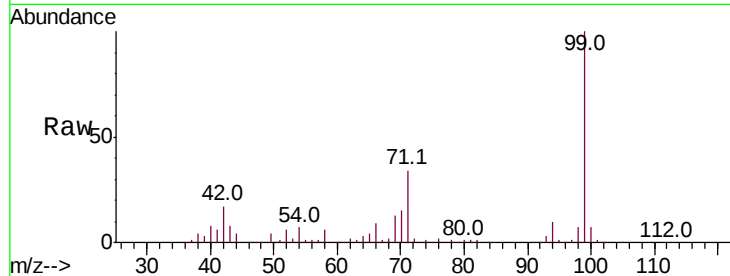
Tot Ion: 99 Resp: 3110383

Ion Ratio Lower Upper

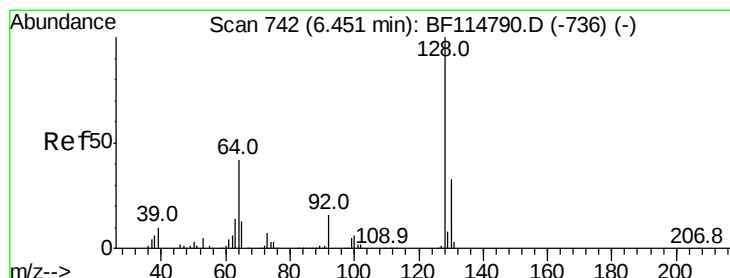
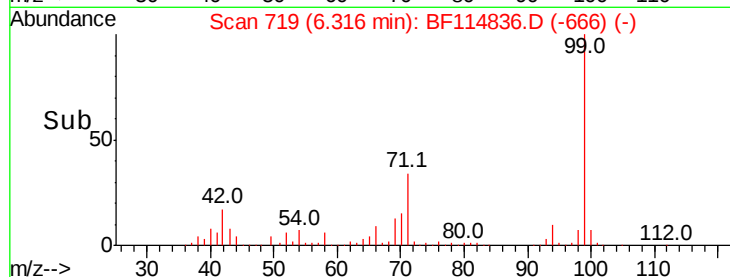
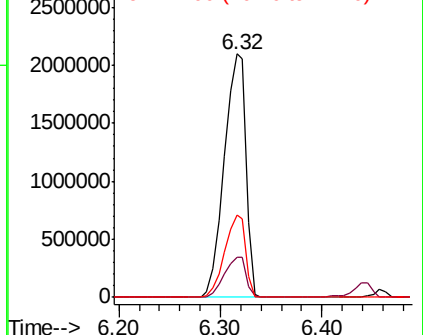
99 100

42 16.7 13.3 19.9

71 33.7 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: 44.071 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

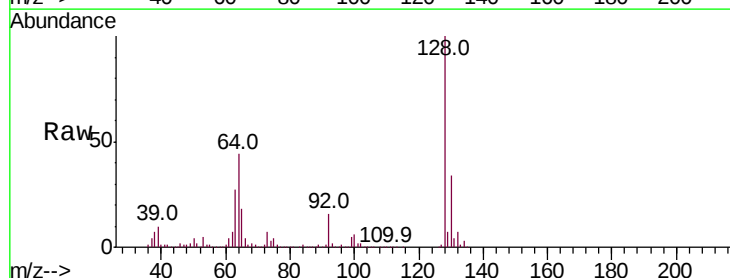
Tgt Ion:128 Resp: 1055367

Ion Ratio Lower Upper

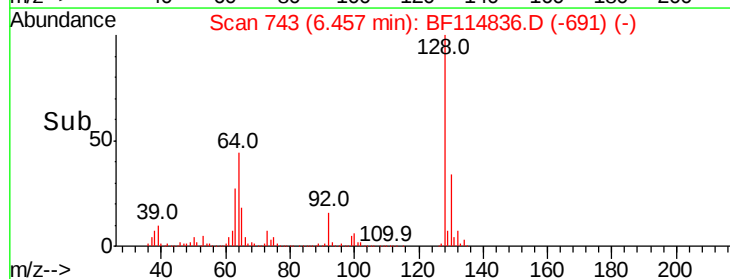
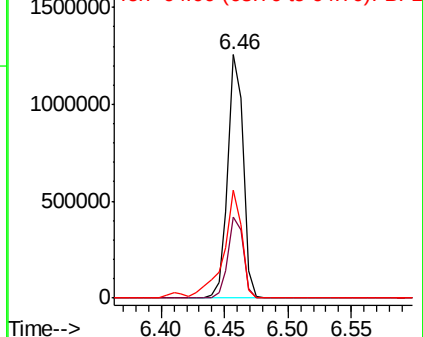
128 100

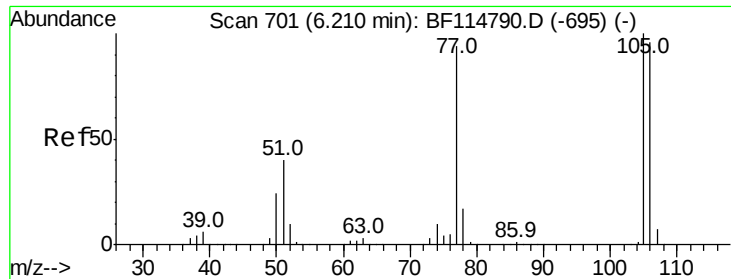
130 33.5 12.7 52.7

64 44.1 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: 18.601 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

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Acq: 5 Jun 2019 23:27

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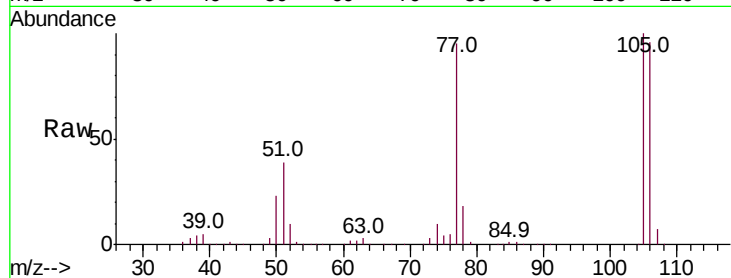
Tot Ion: 77 Resp: 325390

Ion Ratio Lower Upper

77 100

105 105.5 85.8 125.8

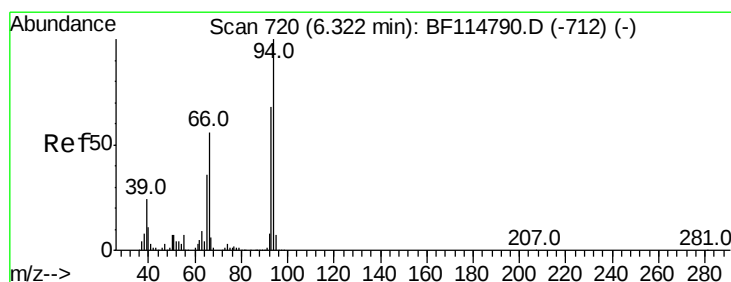
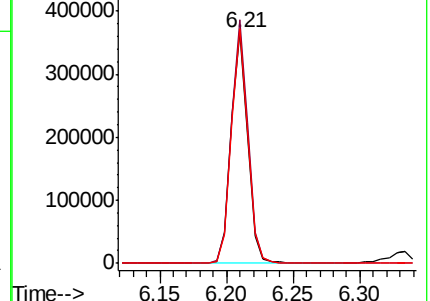
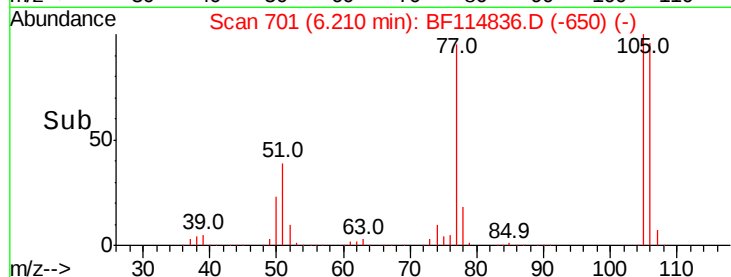
106 101.5 81.6 121.6



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: 42.126 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

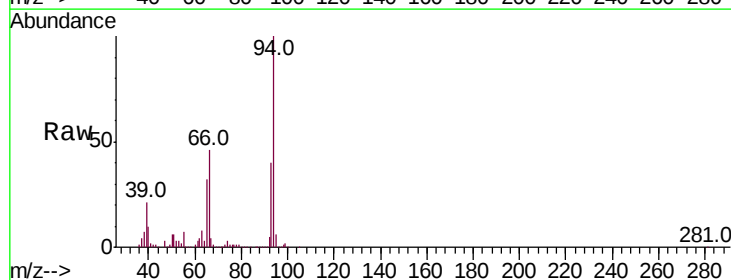
Tgt Ion: 94 Resp: 1214930

Ion Ratio Lower Upper

94 100

65 31.5 16.1 56.1

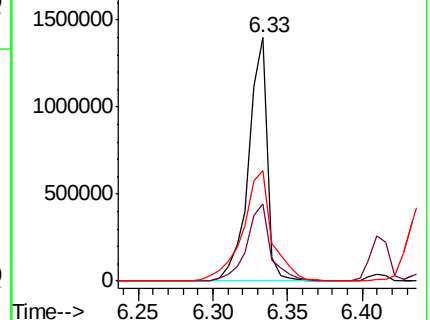
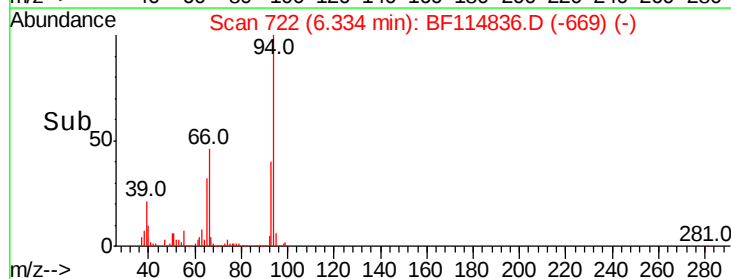
66 45.5 36.3 76.3

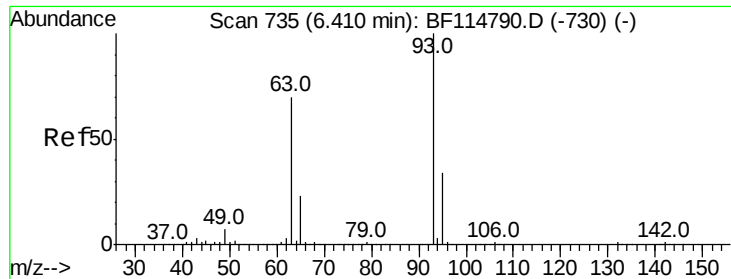


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.809 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

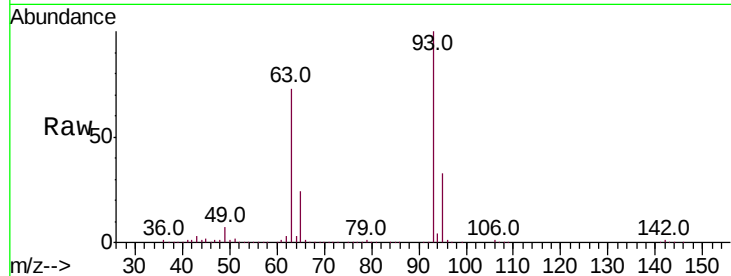
Tot Ion: 93 Resp: 986044

Ion Ratio Lower Upper

93 100

63 73.2 49.6 89.6

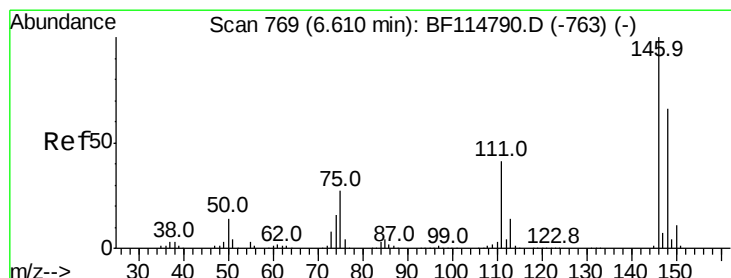
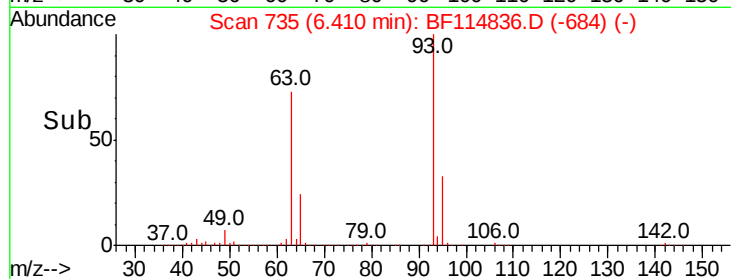
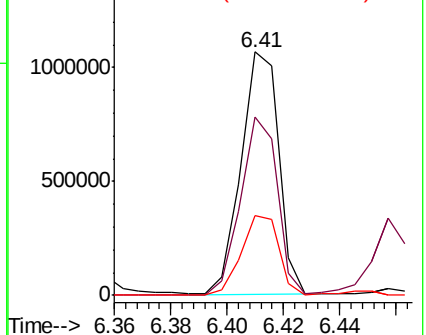
95 33.0 13.6 53.6



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: 40.151 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

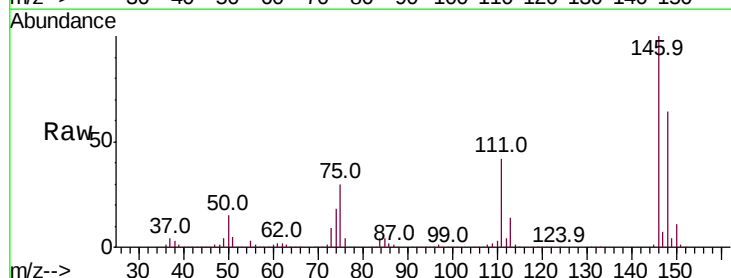
Tgt Ion: 146 Resp: 1120388

Ion Ratio Lower Upper

146 100

148 64.1 52.7 79.1

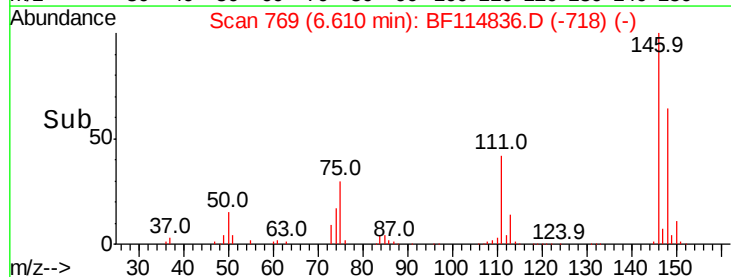
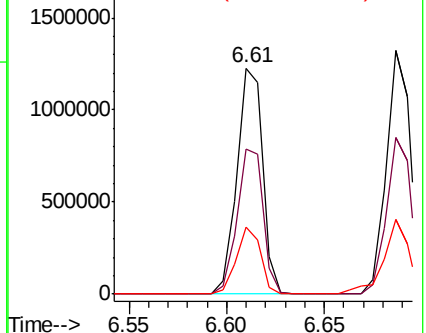
75 29.9 22.0 33.0

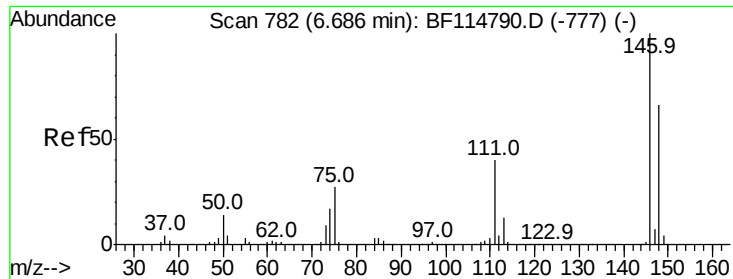


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



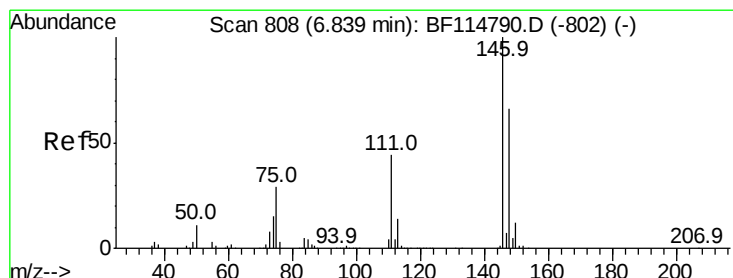
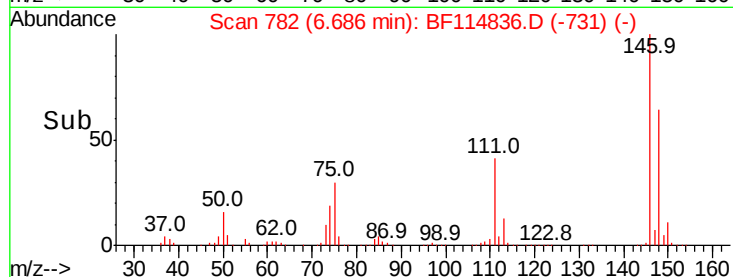
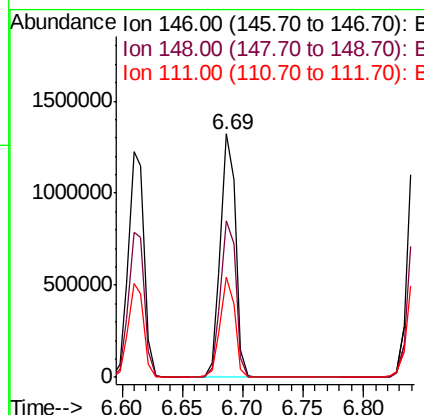
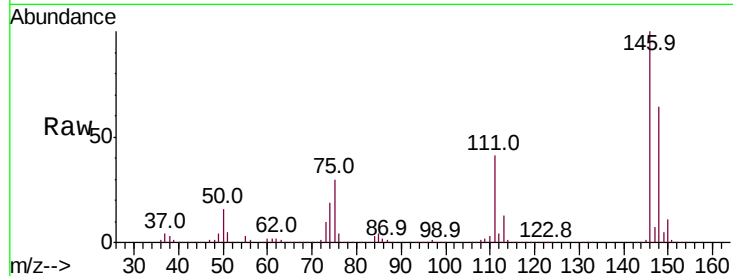


#13
 1,4-Dichlorobenzene
 Concen: 40.481 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1136609

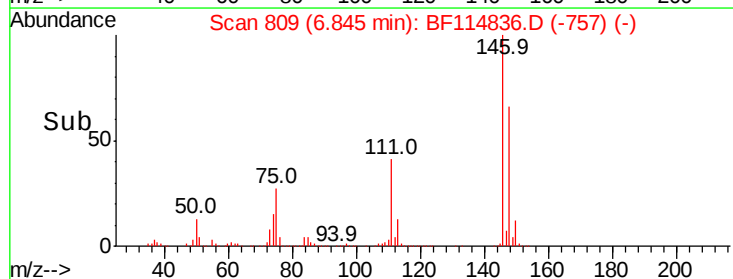
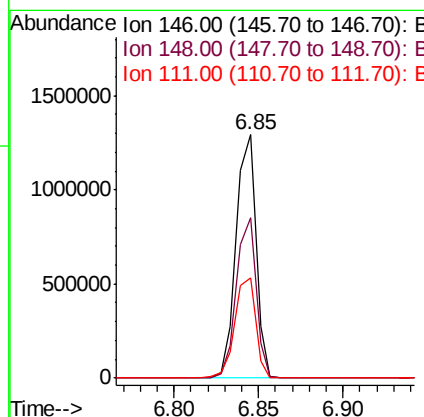
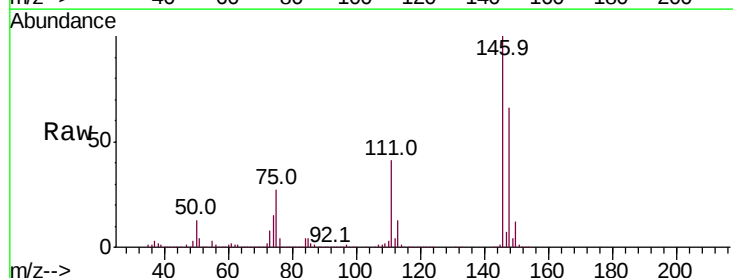
Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.0	79.4
111	41.1	32.2	48.4

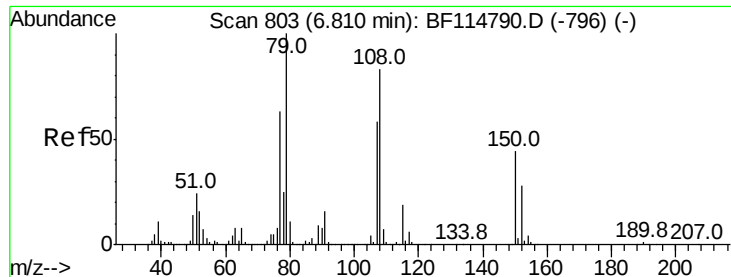


#14
 1,2-Dichlorobenzene
 Concen: 41.611 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion:146 Resp: 1055163

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.5	78.7
111	41.0	34.8	52.2





#15

Benzyl Alcohol

Concen: 44.397 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

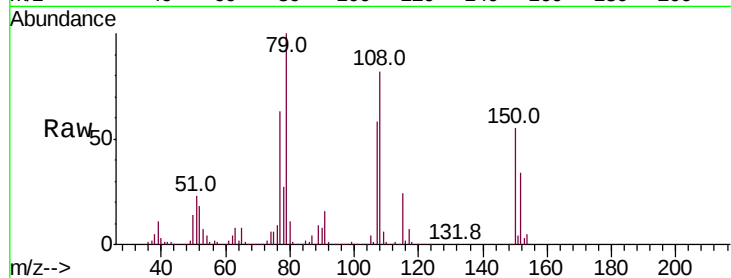
Tot Ion: 79 Resp: 846715

Ion Ratio Lower Upper

79 100

108 82.1 66.8 100.2

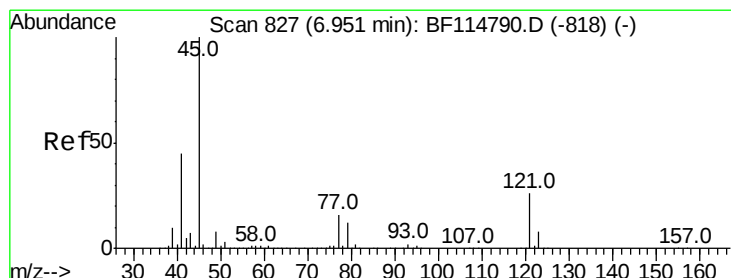
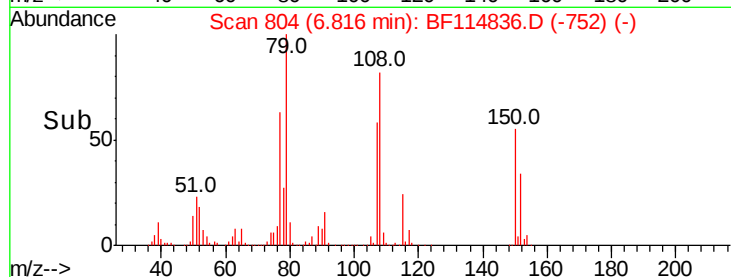
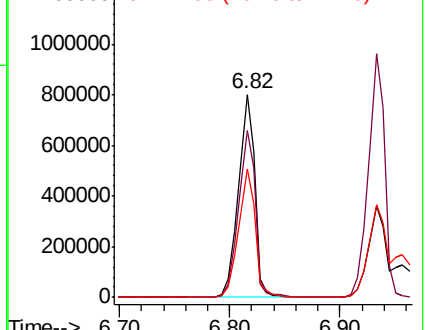
77 63.4 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.291 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

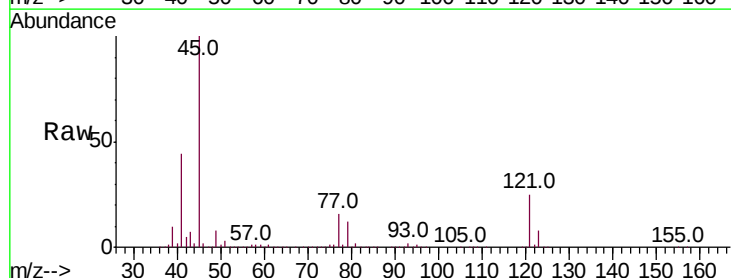
Tgt Ion: 45 Resp: 1393560

Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.8

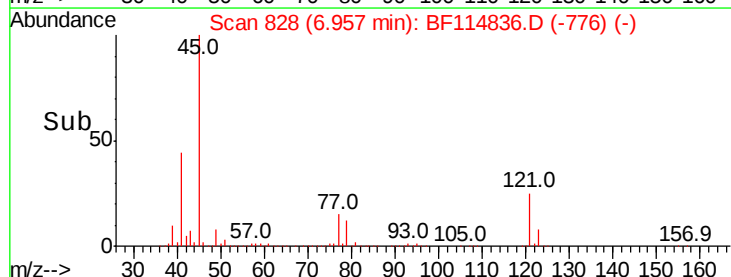
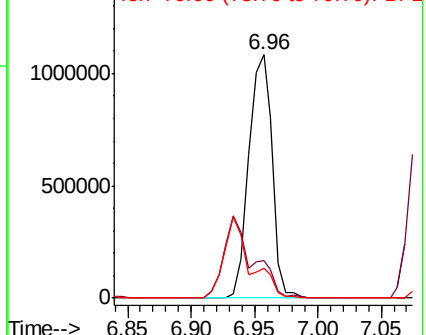
79 12.0 0.0 32.0

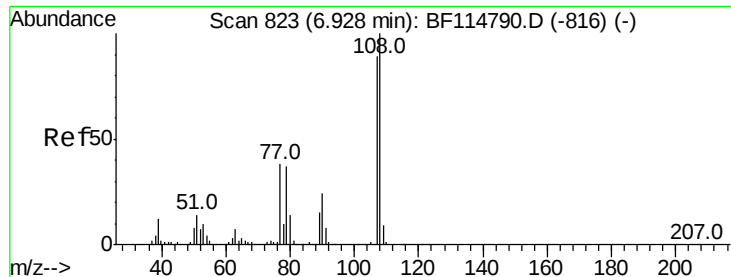


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.119 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 882621

Ion Ratio Lower Upper

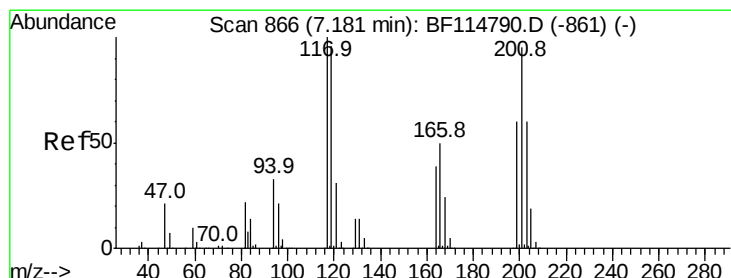
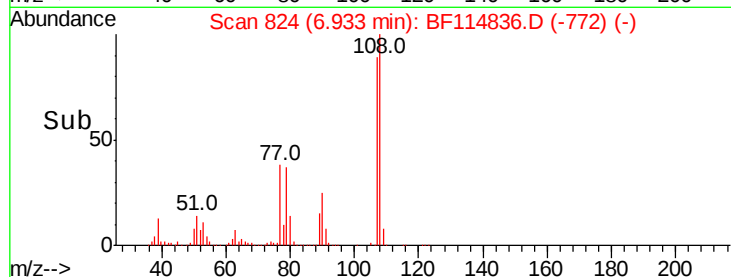
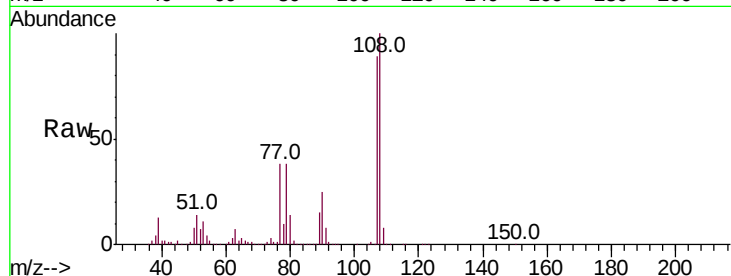
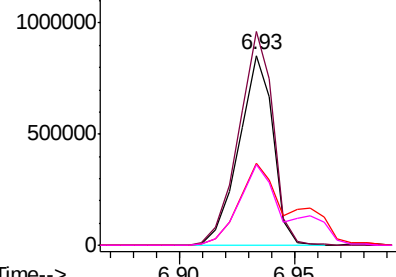
107 100

108 112.4 90.2 135.2

77 43.0 34.5 51.7

79 42.2 33.8 50.6

Abundance Ion 107.00 (106.70 to 107.70): E
1500000 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: 38.640 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:117 Resp: 408364

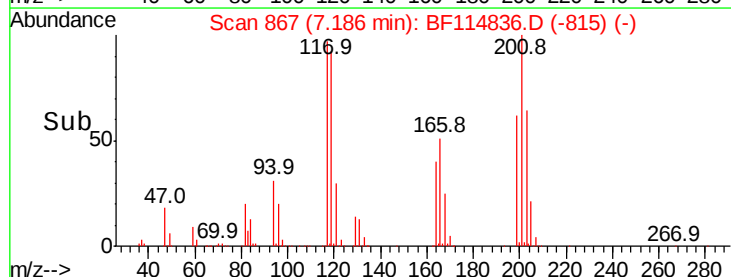
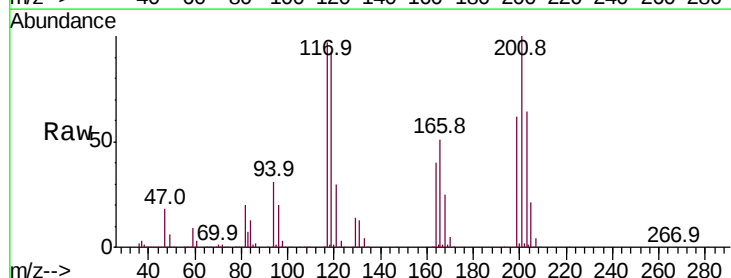
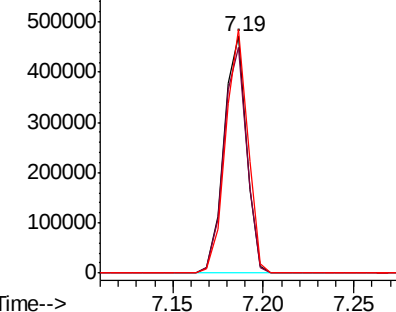
Ion Ratio Lower Upper

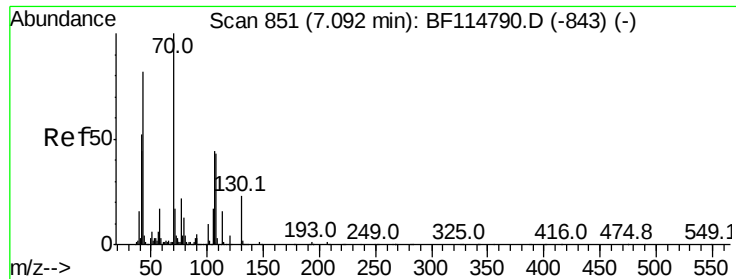
117 100

119 95.0 77.0 115.4

201 102.8 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

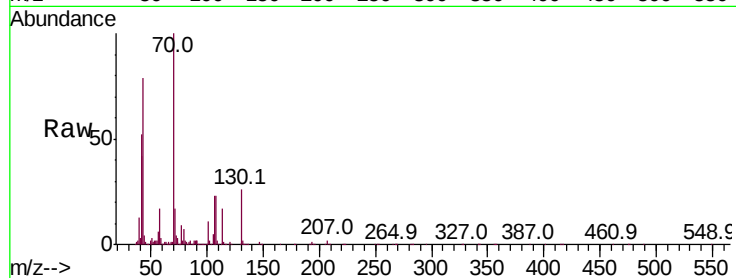




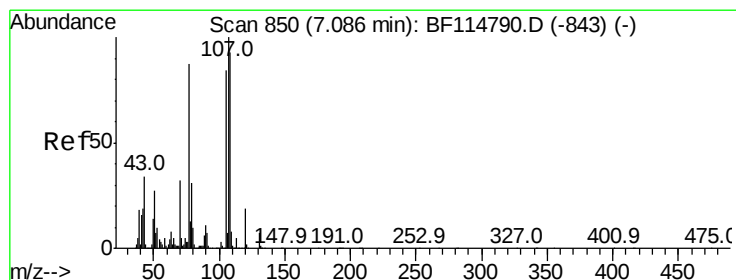
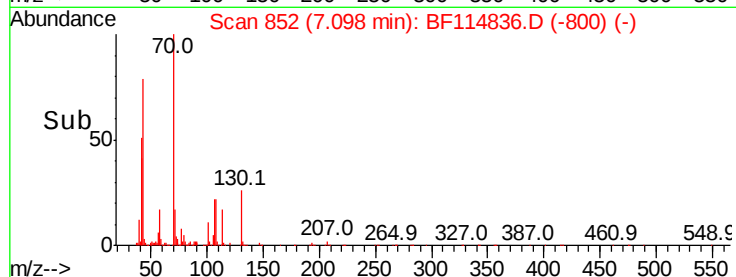
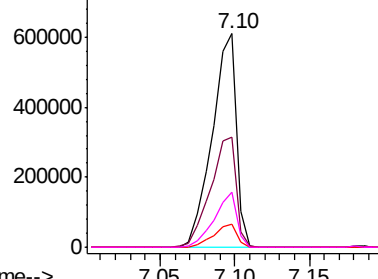
#19
n-Nitroso-di-n-propylamine
Concen: 41.372 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	690670
Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.8	62.8
101	10.7	8.2	12.4
130	25.6	18.5	27.7

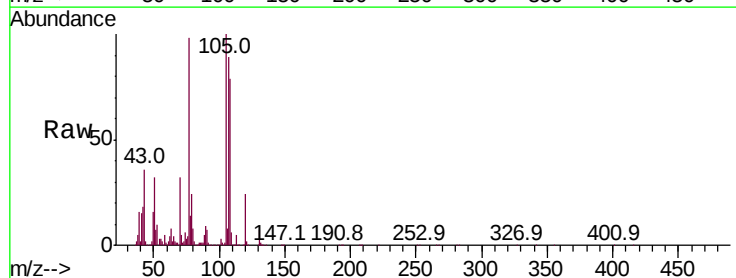


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

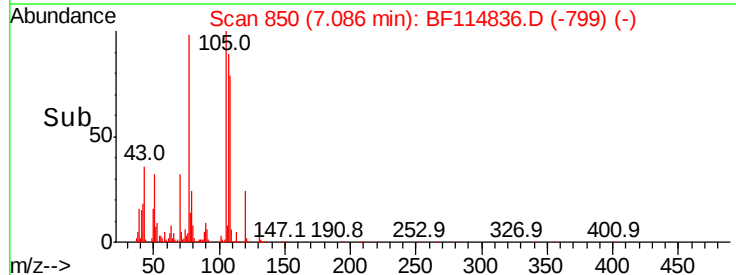
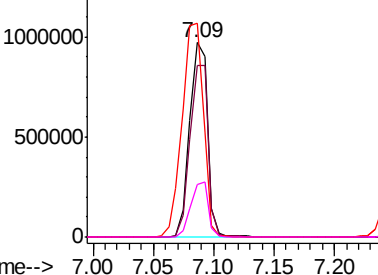


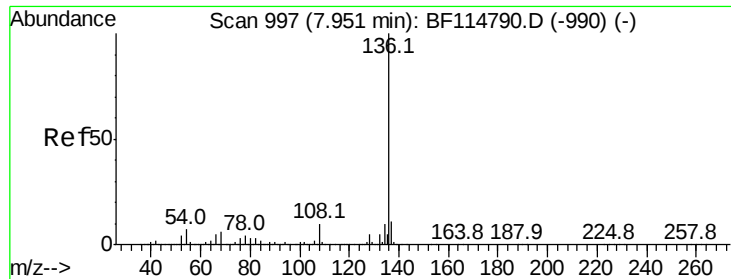
#20
3+4-Methylphenols
Concen: 43.483 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:	107	Resp:	981727
Ion	Ratio	Lower	Upper
107	100		
108	88.6	73.5	113.5
77	110.1	67.2	107.2#
79	27.0	10.6	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

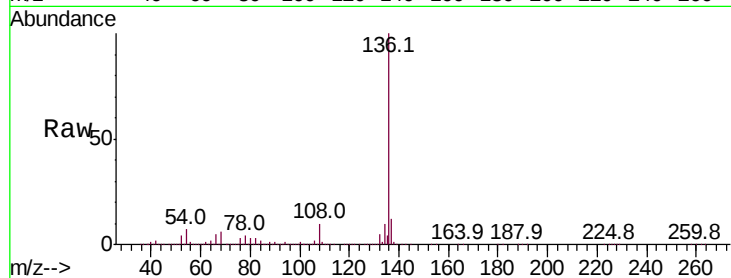




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1398963
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.2	5.4	8.0
68	6.2	4.6	6.8



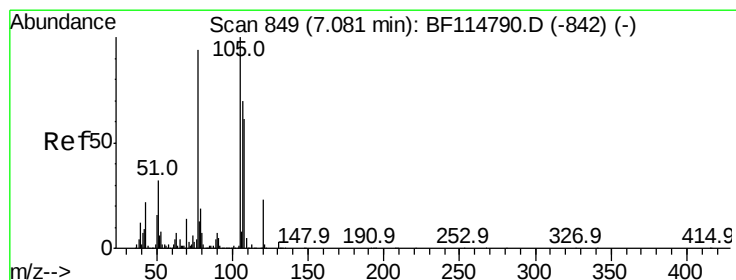
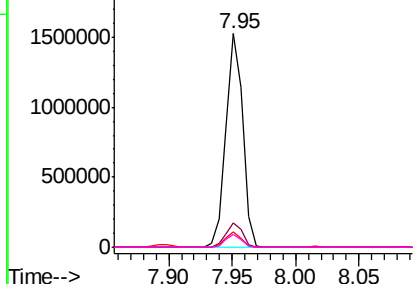
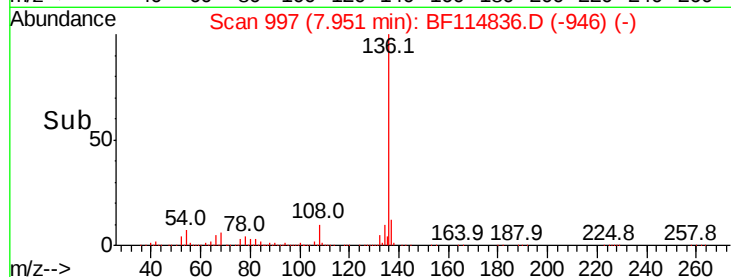
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

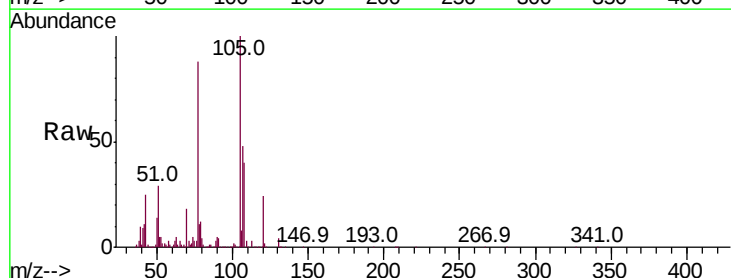
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.621 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:	105	Resp:	1374331
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.0	3.0
51	28.8	25.4	38.0
120	23.5	18.7	28.1



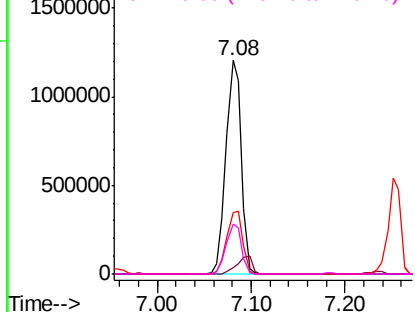
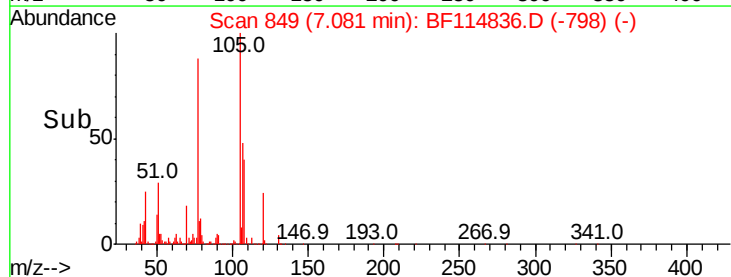
Abundance

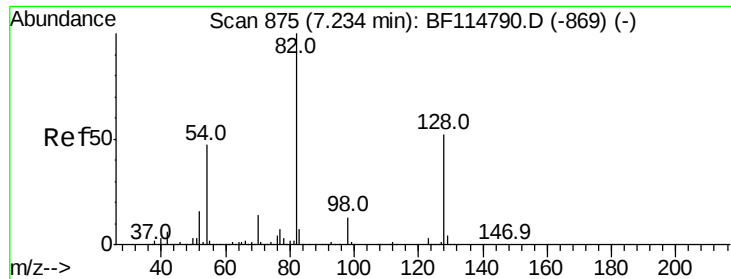
Ion 105.00 (104.70 to 105.70): E

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

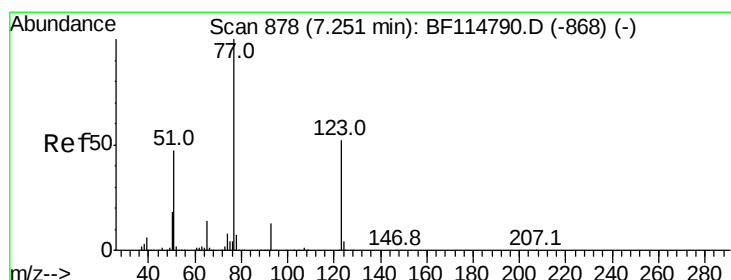
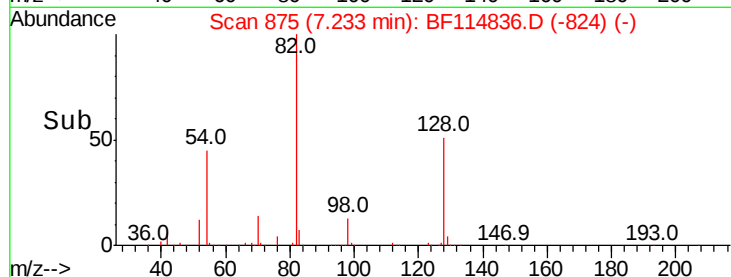
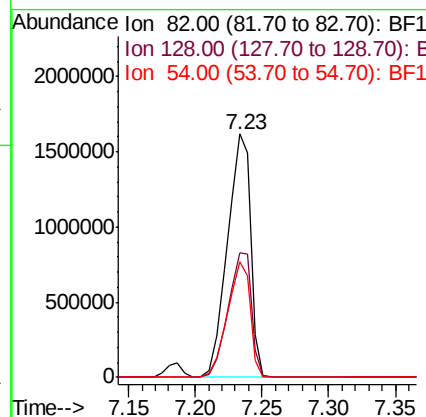
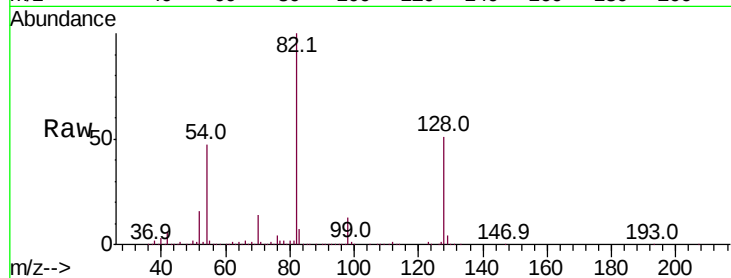




#23
 Nitrobenzene-d5
 Concen: 87.721 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

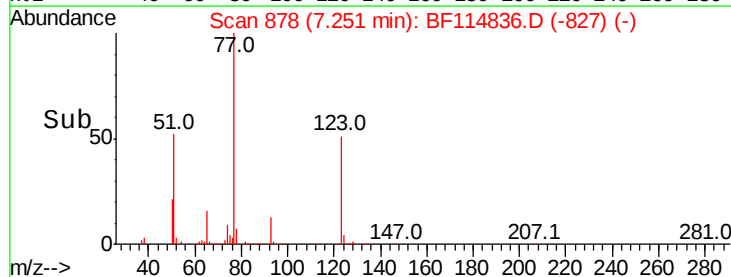
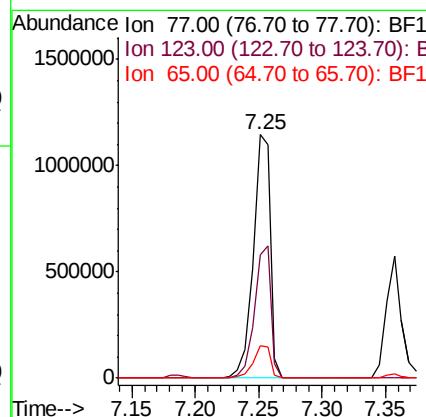
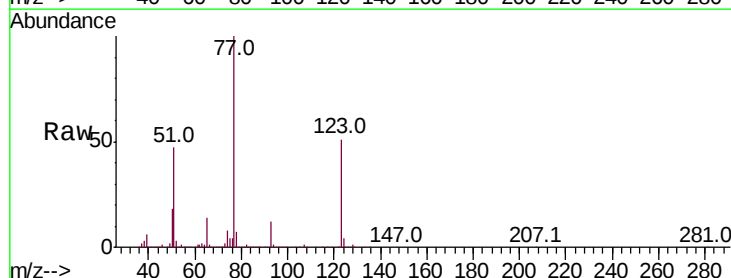
Instrument :
 BNA_F
 ClientSampled :

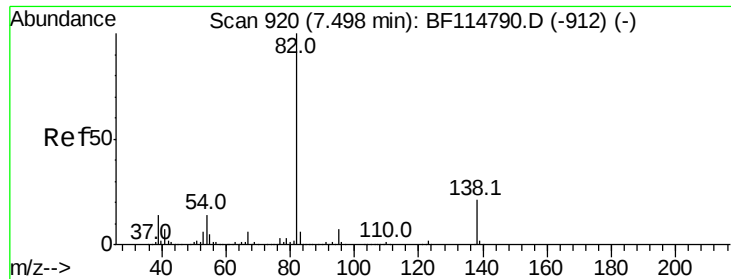
Tot Ion: 82 Resp: 1993529
 Ion Ratio Lower Upper
 82 100
 128 51.2 41.8 62.6
 54 47.3 37.9 56.9



#24
 Nitrobenzene
 Concen: 45.509 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion: 77 Resp: 1071426
 Ion Ratio Lower Upper
 77 100
 123 50.9 41.5 62.3
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 45.254 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

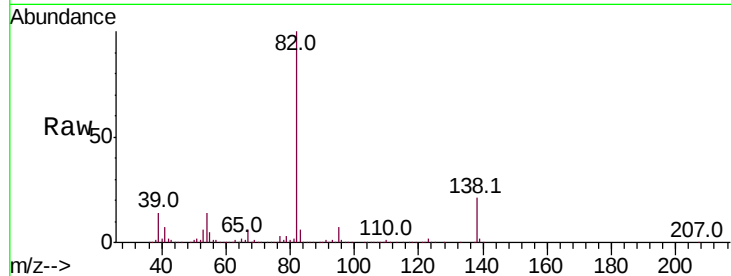
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 2033170

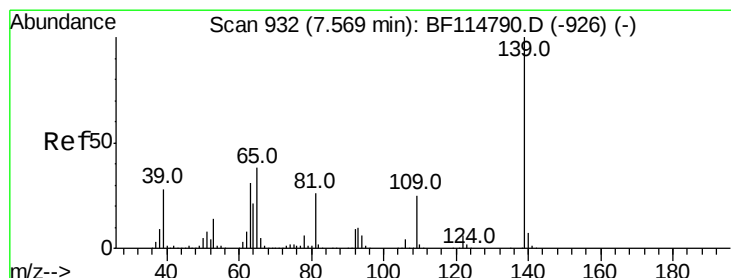
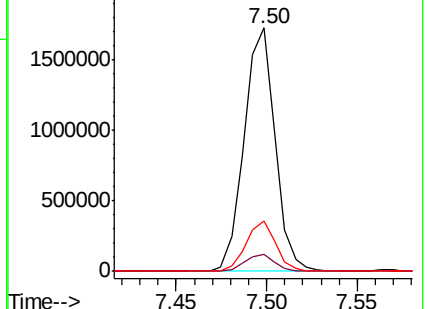
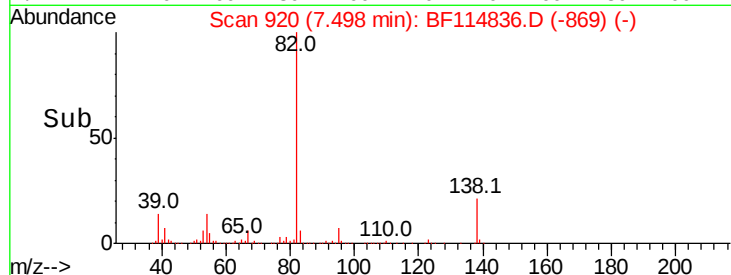
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	20.9	16.9	25.3



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: 47.946 ng

RT: 7.57 min Scan# 932

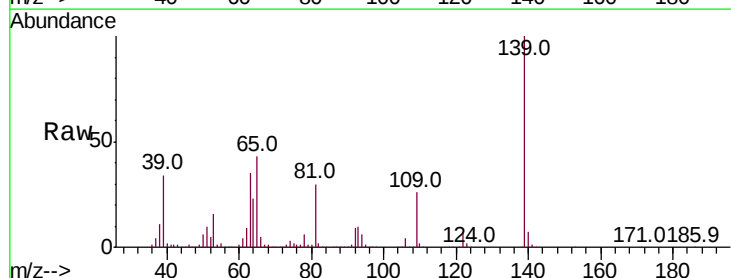
Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion: 139 Resp: 611373

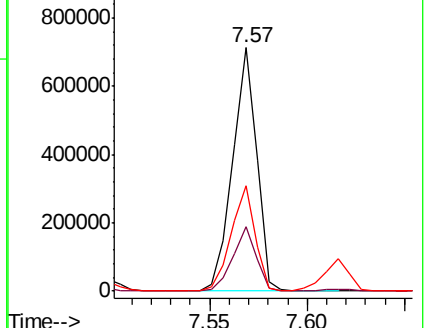
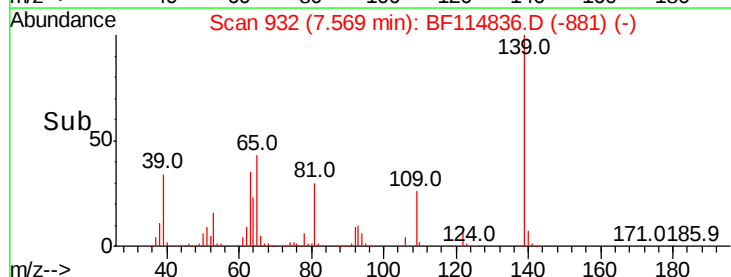
Ion	Ratio	Lower	Upper
139	100		
109	26.2	20.4	30.6
65	43.2	30.5	45.7

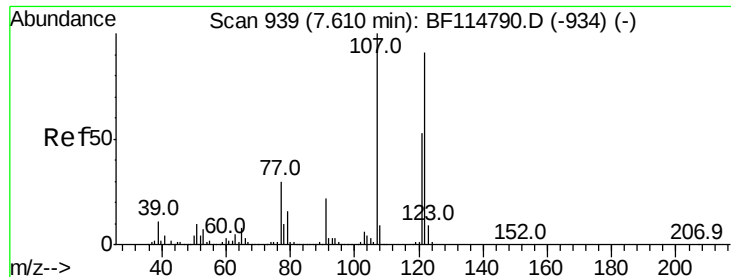


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

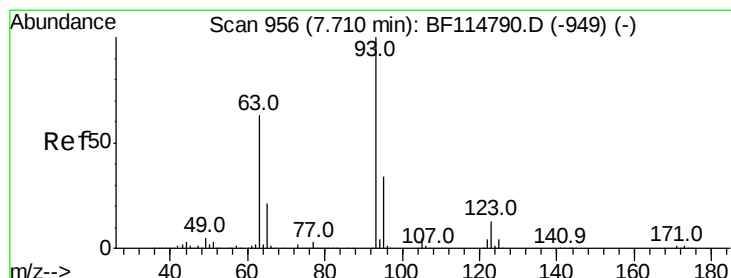
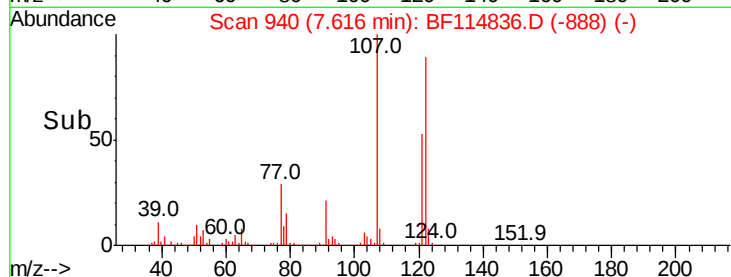
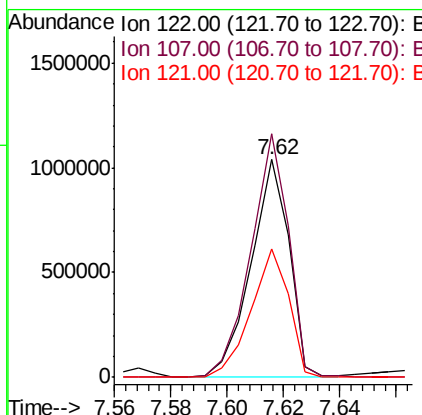
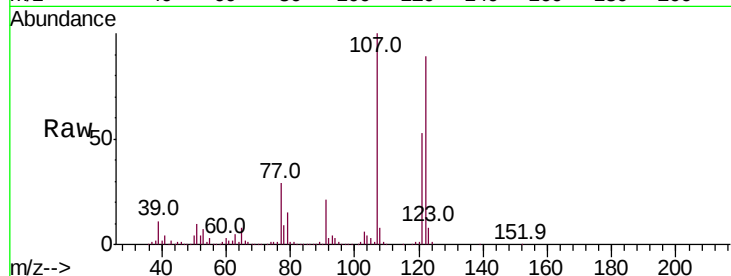




#27
 2,4-Dimethylphenol
 Concen: 50.236 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

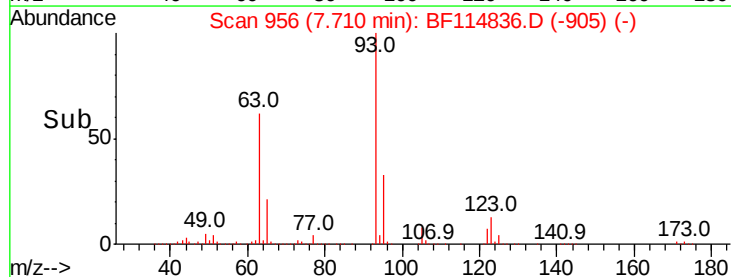
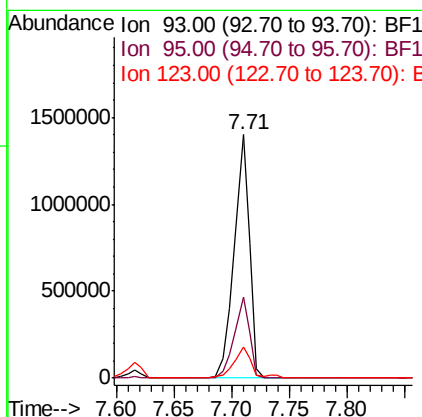
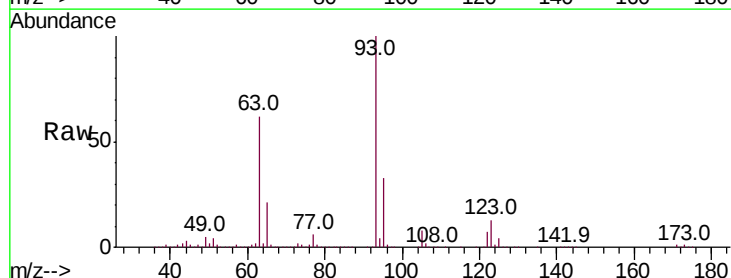
Instrument :
 BNA_F
 ClientSampleId :

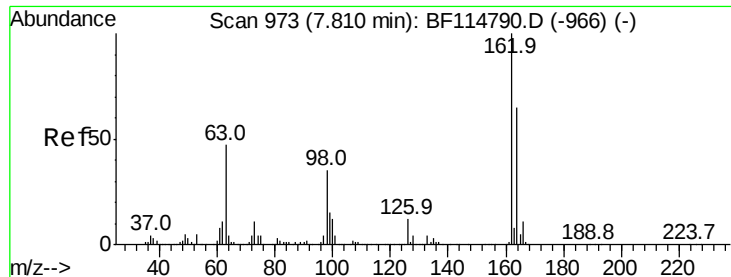
Tot Ion:122 Resp: 973618
 Ion Ratio Lower Upper
 122 100
 107 112.0 87.9 131.9
 121 59.2 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.774 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion: 93 Resp: 1285877
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.9 40.3
 123 12.8 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 46.081 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

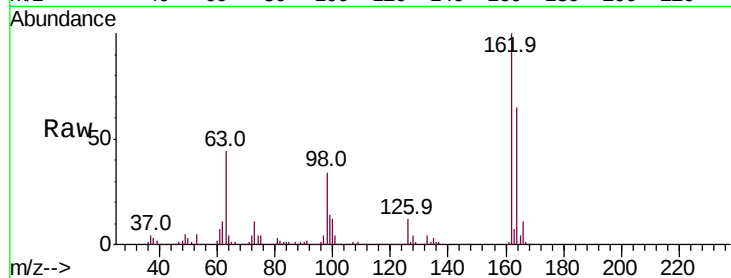
Tot Ion:162 Resp: 939602

Ion Ratio Lower Upper

162 100

164 65.2 45.1 85.1

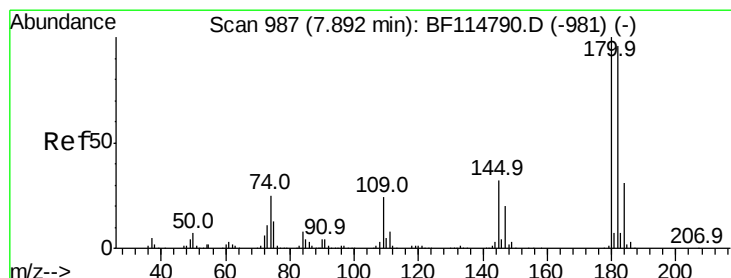
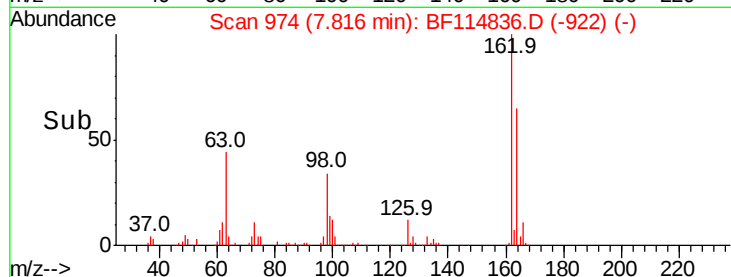
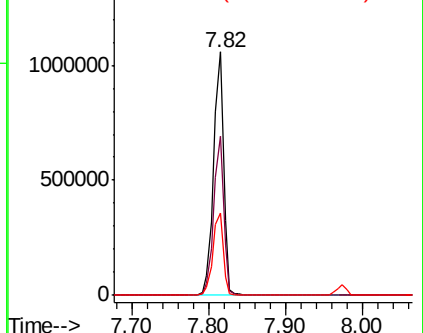
98 33.8 14.6 54.6



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: 42.768 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

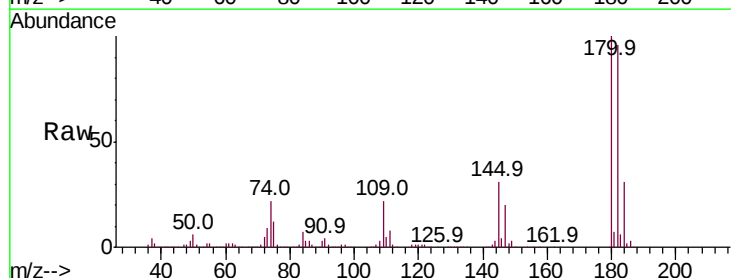
Tgt Ion:180 Resp: 1000592

Ion Ratio Lower Upper

180 100

182 96.1 76.5 114.7

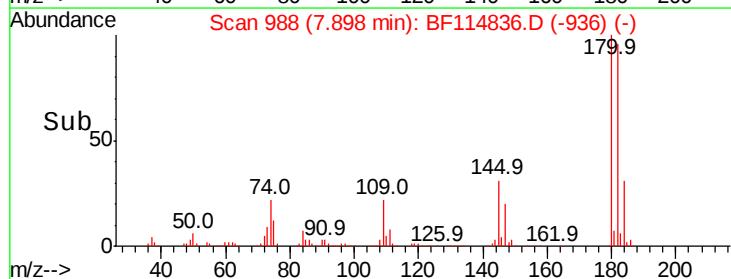
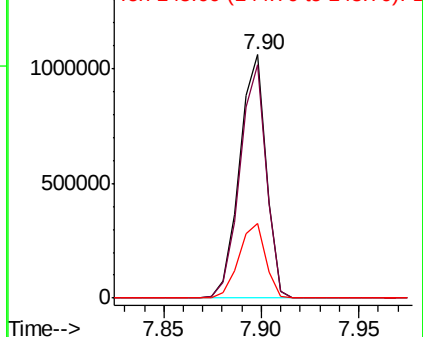
145 30.6 25.8 38.8

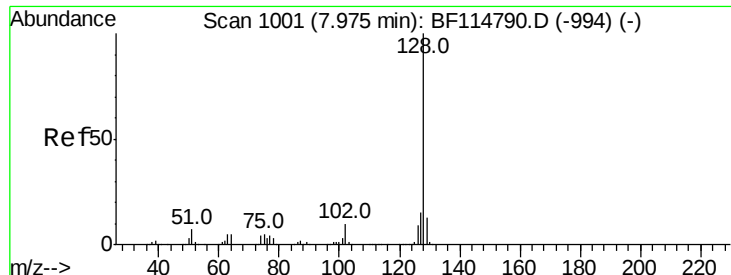


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

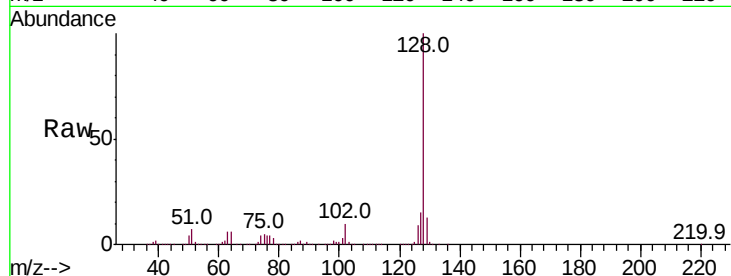




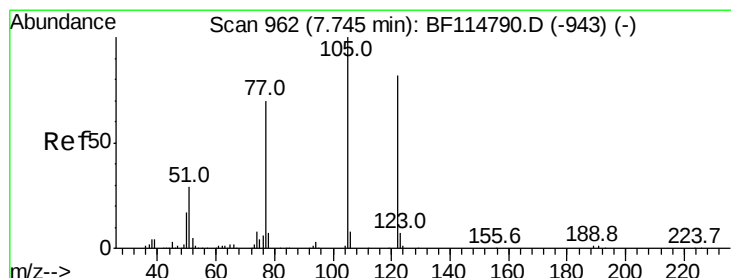
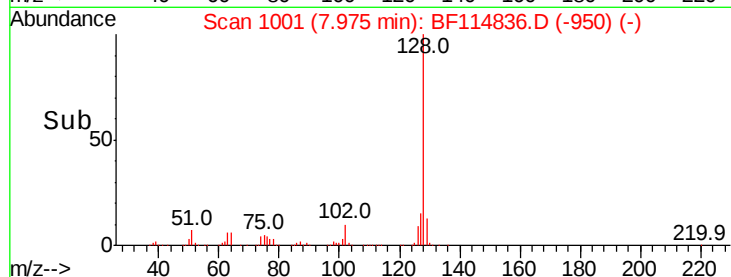
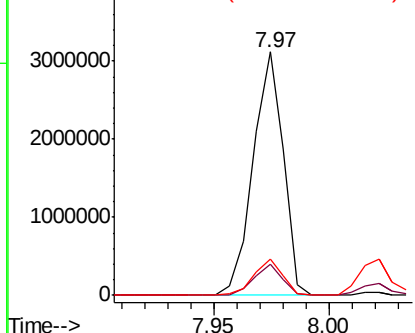
#31
Naphthalene
Concen: 45.278 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2851698
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 14.9 12.2 18.2

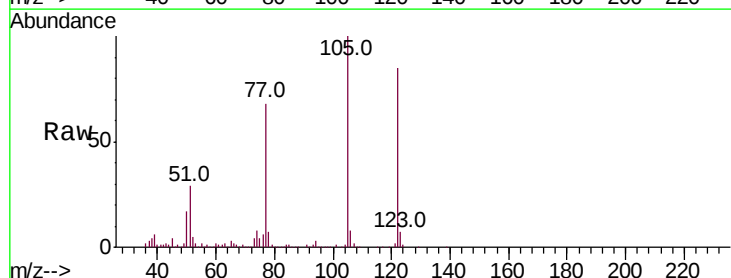


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

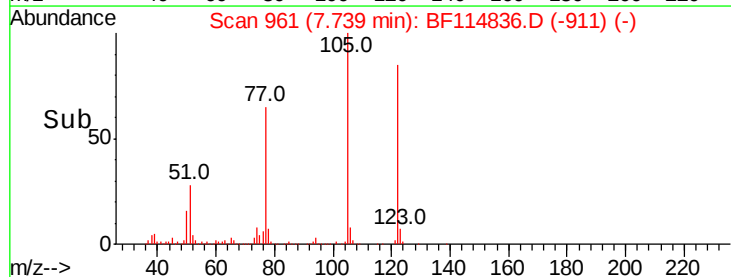
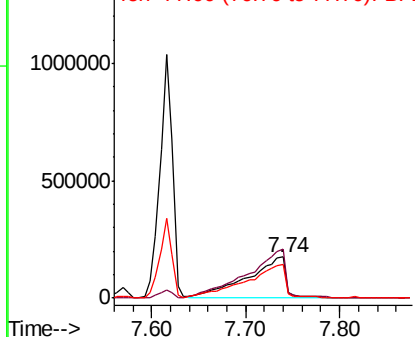


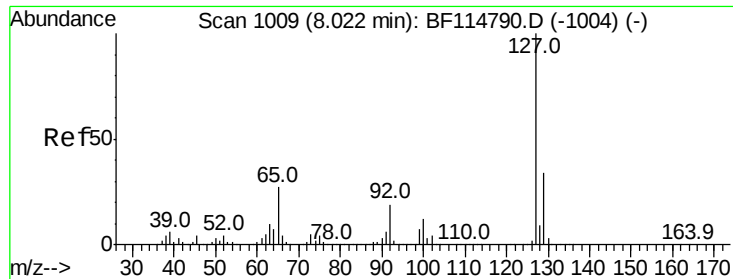
#32
Benzoic acid
Concen: 35.018 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:122 Resp: 494308
Ion Ratio Lower Upper
122 100
105 118.0 98.7 138.7
77 80.5 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

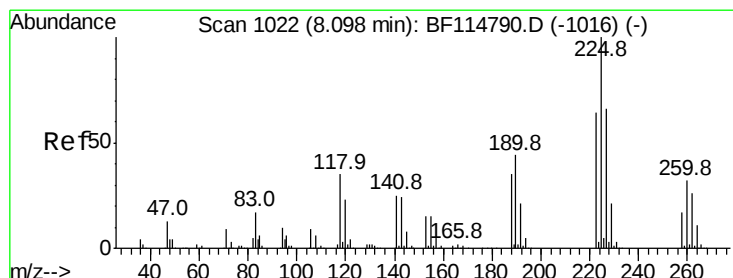
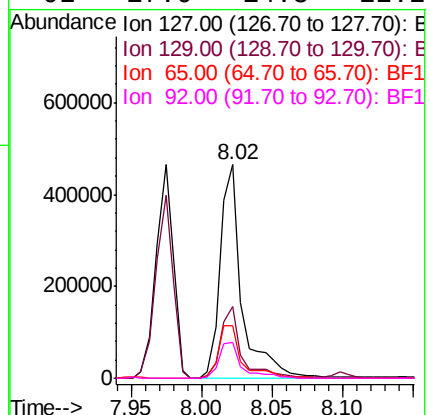
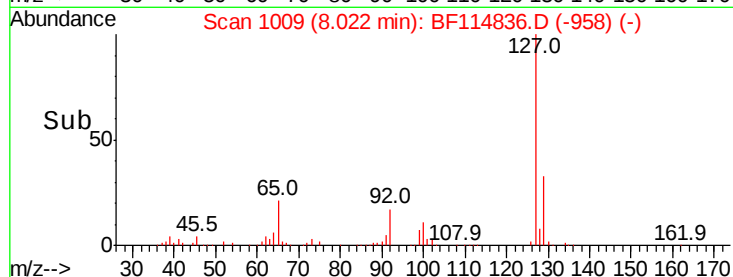
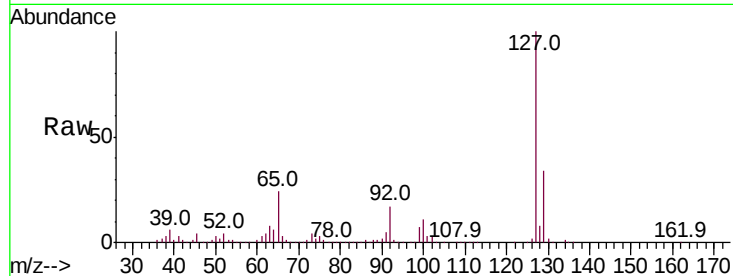




#33
4-Chloroaniline
Concen: 16.529 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

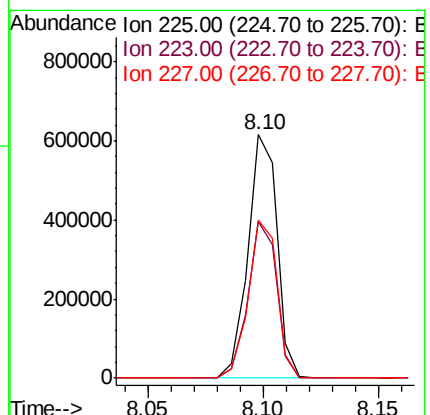
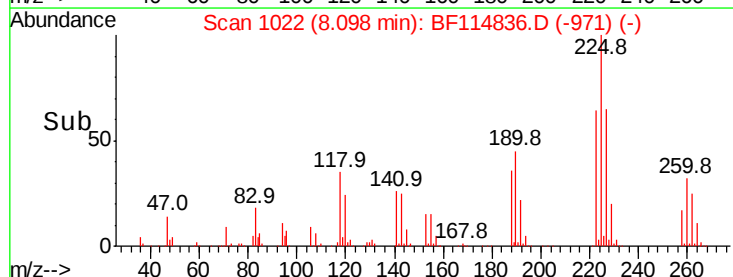
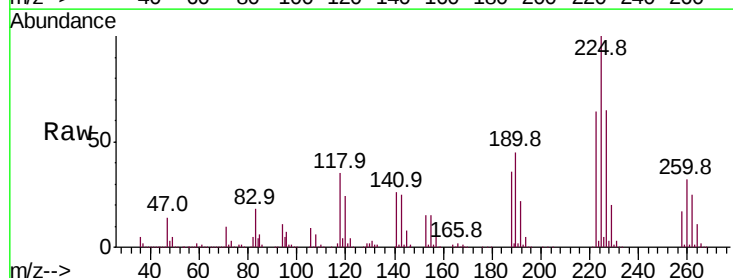
Instrument :
BNA_F
ClientSampleId :

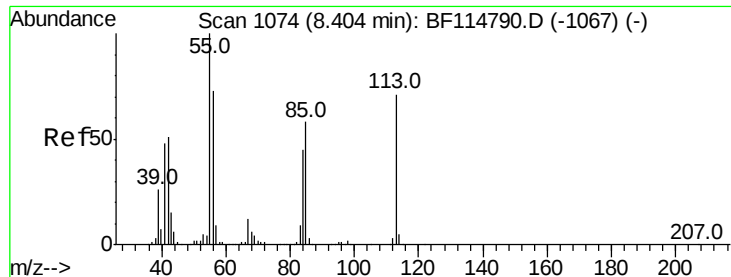
Tot Ion:	127	Resp:	496624
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.9	40.3
65	24.3	21.7	32.5
92	17.0	14.8	22.2



#34
Hexachlorobutadiene
Concen: 40.744 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:	225	Resp:	541950
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.9	52.6	78.8





#35

Caprolactam

Concen: 32.850 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampled :

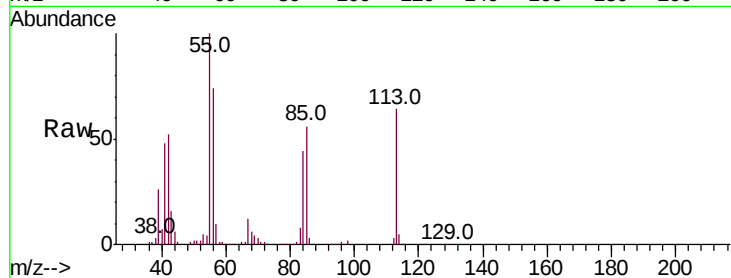
Tot Ion:113 Resp: 218810

Ion Ratio Lower Upper

113 100

55 155.8 121.1 161.1

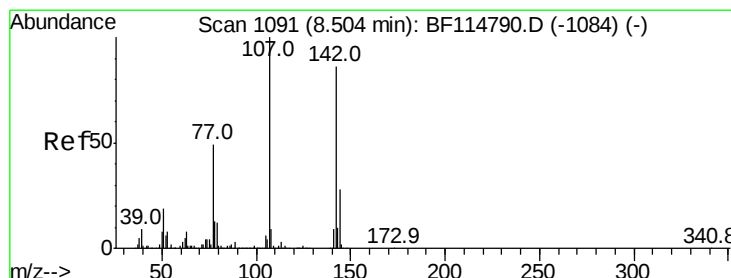
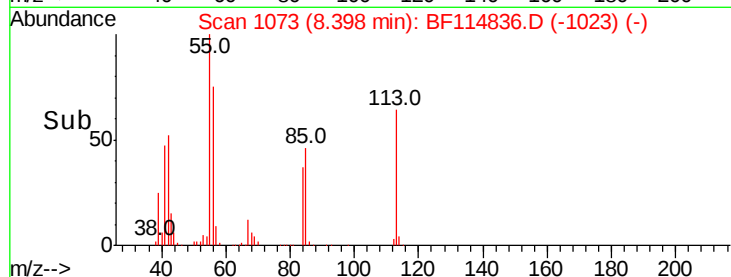
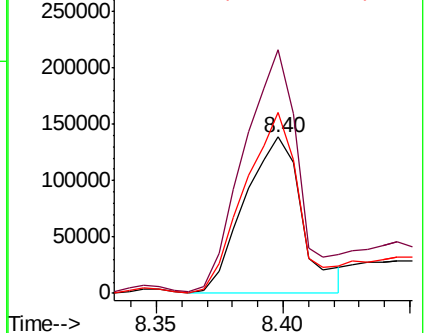
56 115.9 82.6 122.6



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: 47.040 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

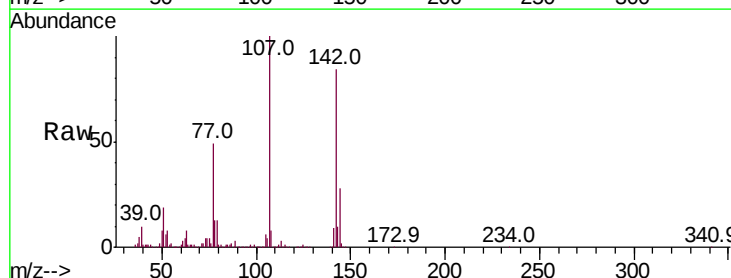
Tgt Ion:107 Resp: 954428

Ion Ratio Lower Upper

107 100

144 27.7 22.1 33.1

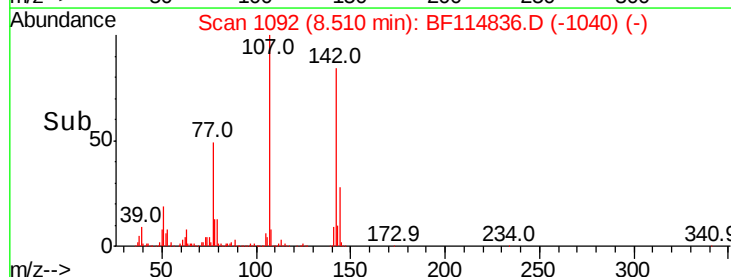
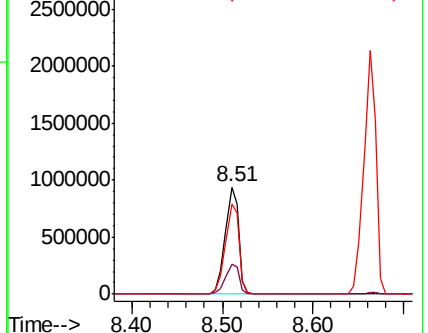
142 83.9 68.4 102.6

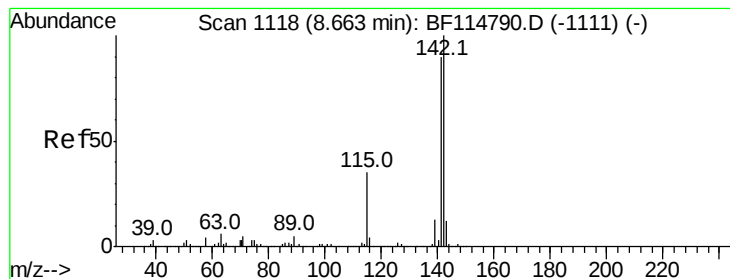


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.781 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampled :

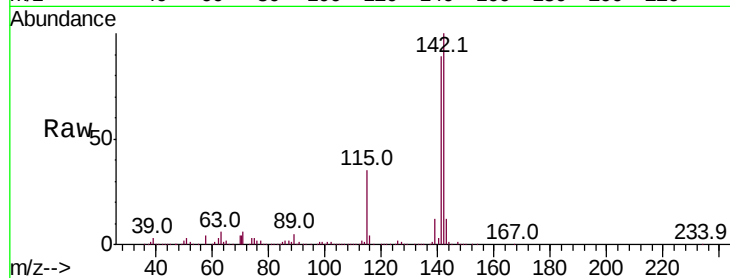
Tot Ion:142 Resp: 1999940

Ion Ratio Lower Upper

142 100

141 89.0 71.6 107.4

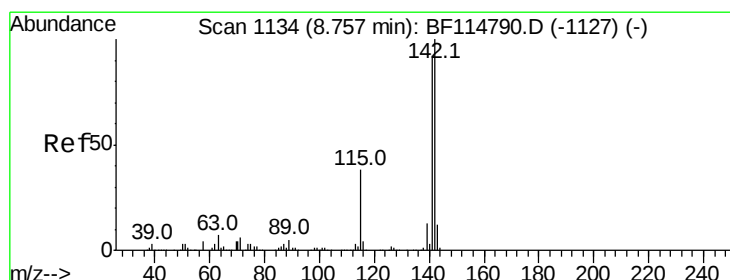
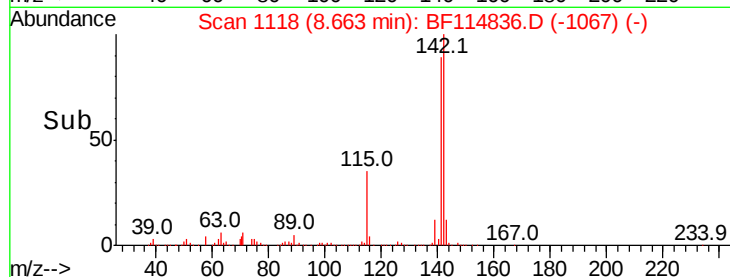
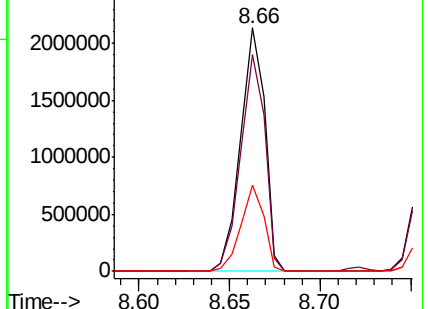
115 35.4 28.2 42.4



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: 46.023 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

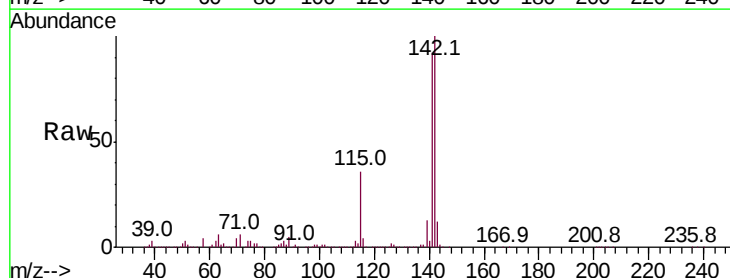
Tgt Ion:142 Resp: 1906627

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.6

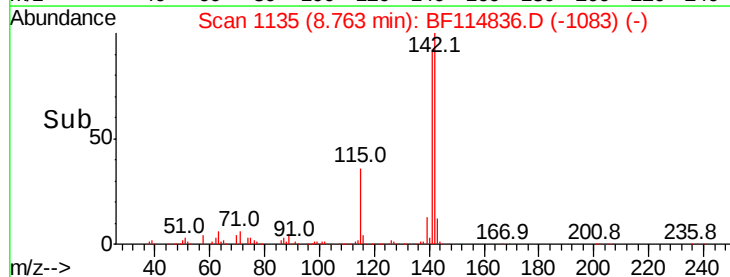
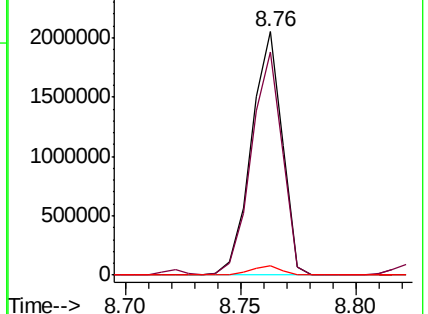
116 3.8 3.3 4.9

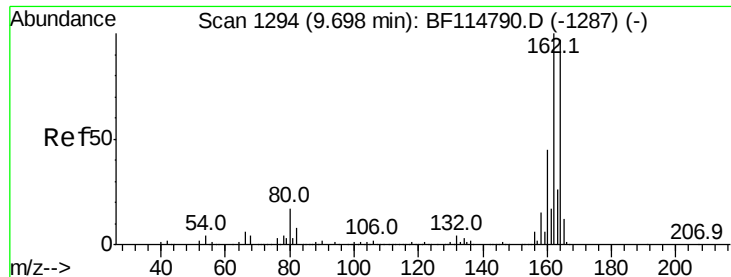


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

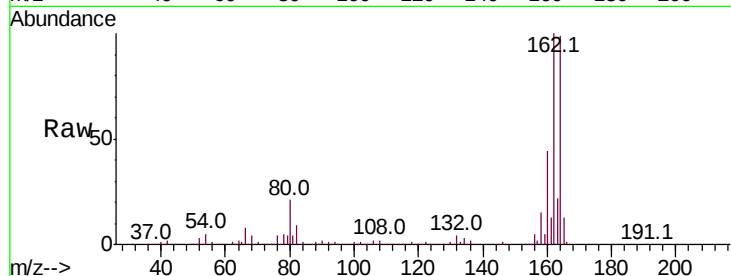




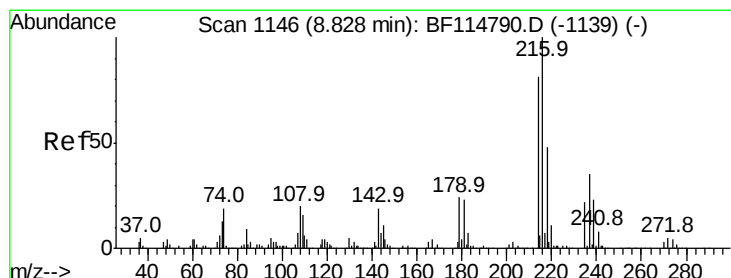
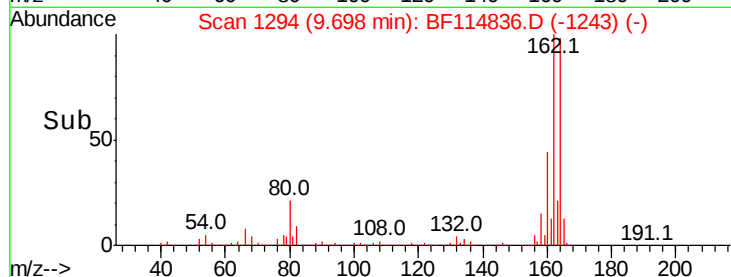
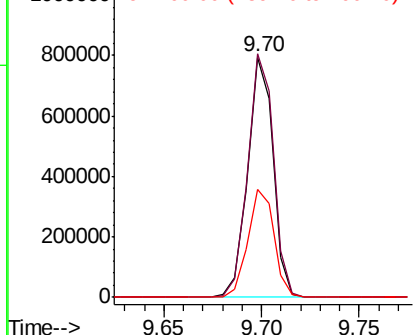
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.3	123.5
160	45.1	36.7	55.1



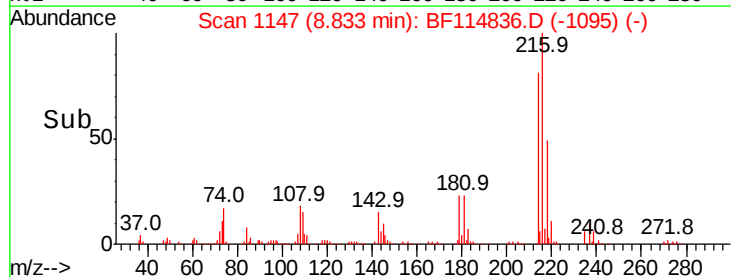
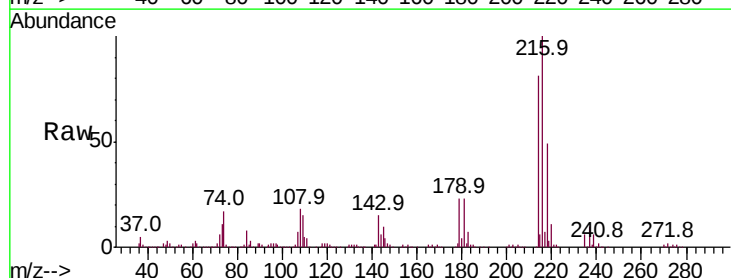
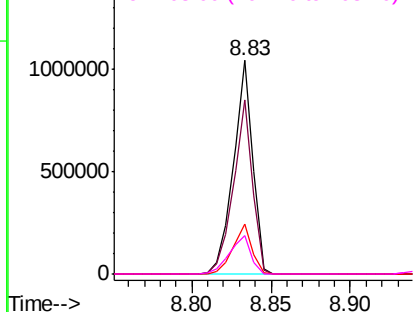
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

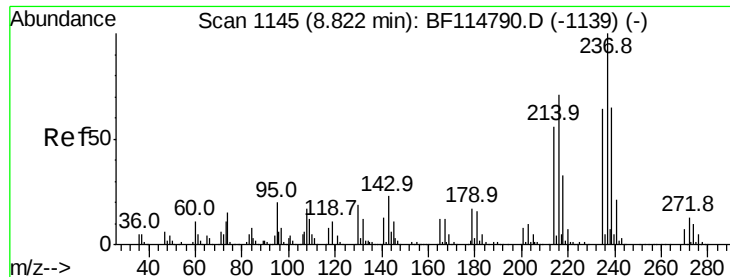


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.811 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	22.9	18.3	27.5
108	20.0	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: 49.910 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampled :

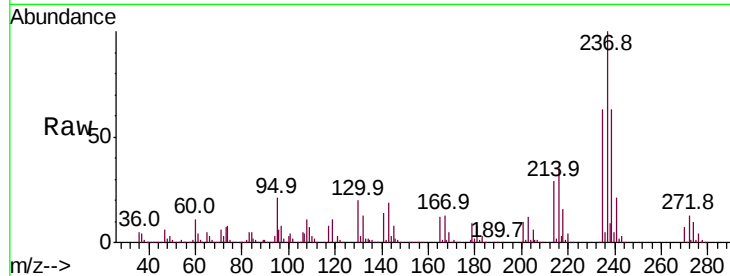
Tot Ion:237 Resp: 623554

Ion Ratio Lower Upper

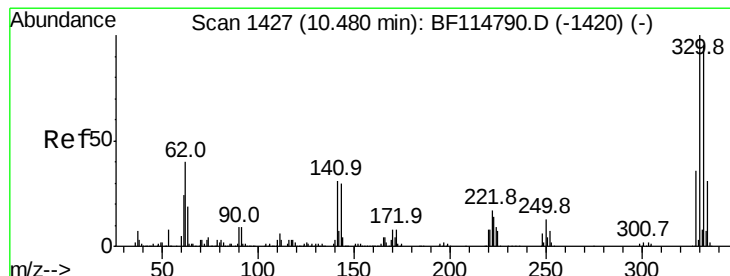
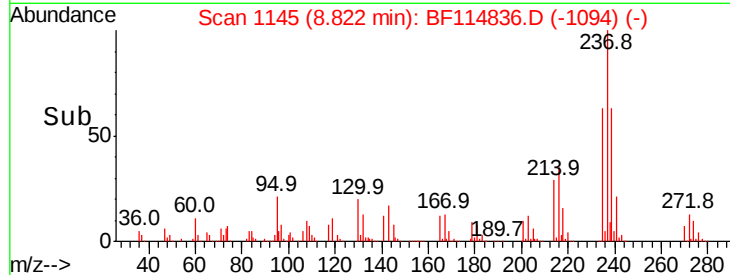
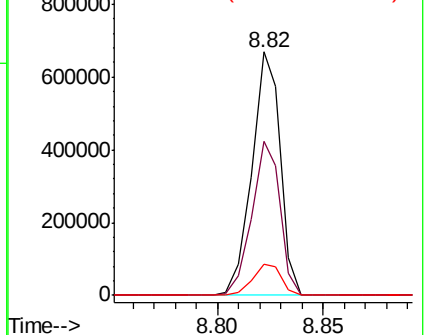
237 100

235 63.4 44.0 84.0

272 12.7 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: 119.375 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

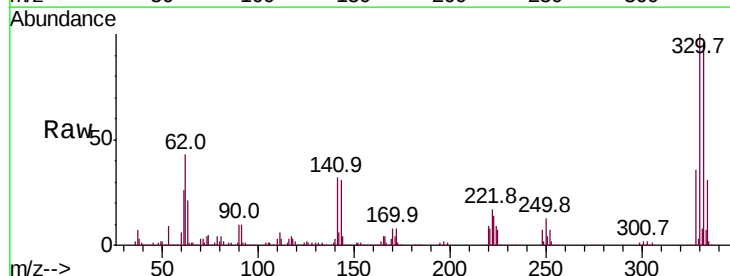
Tgt Ion:330 Resp: 919564

Ion Ratio Lower Upper

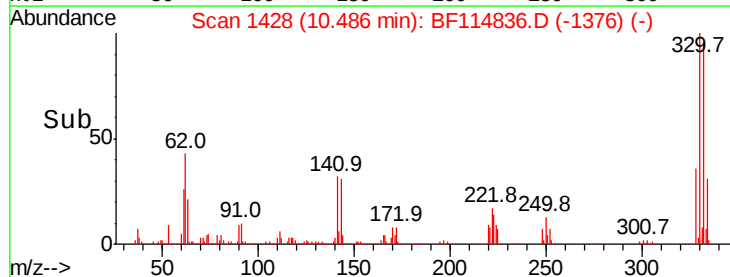
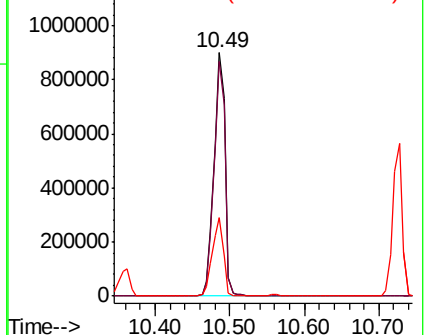
330 100

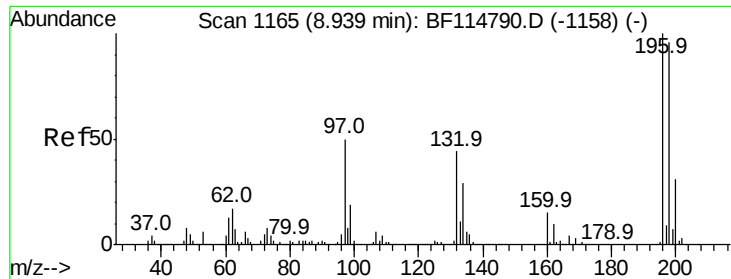
332 96.8 77.3 115.9

141 32.3 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

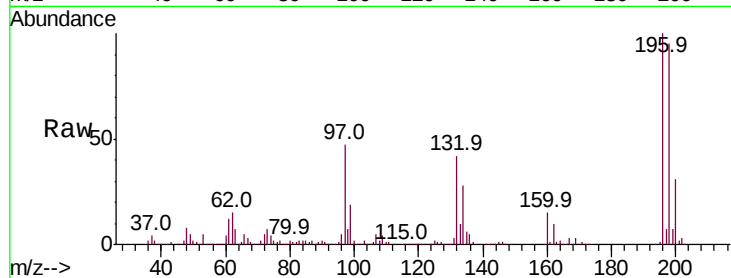




#43
 2,4,6-Trichlorophenol
 Concen: 44.086 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.1	115.7
200	31.1	24.6	36.8

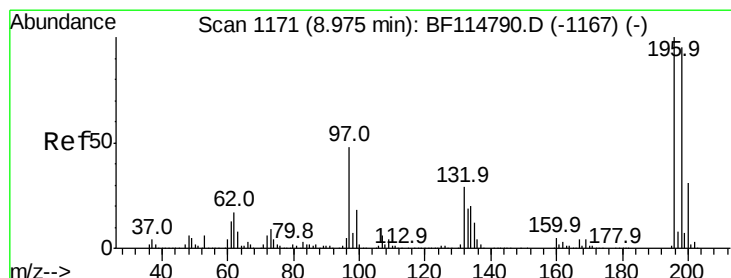
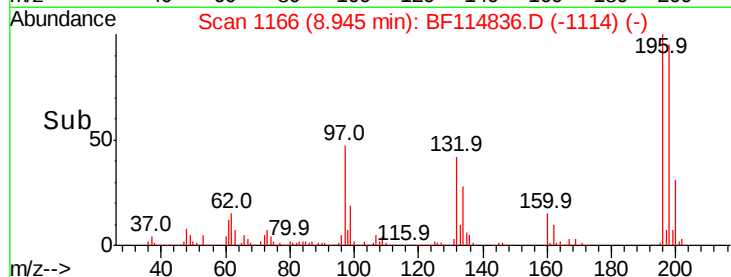
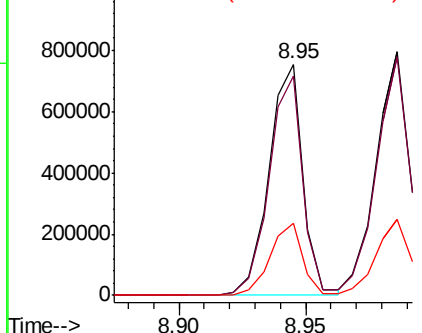


Abundance

Ion 196.00 (195.70 to 196.70): E

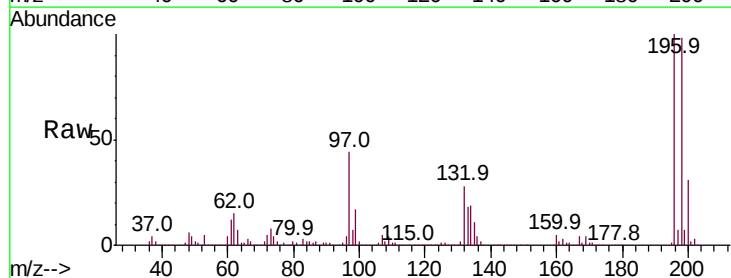
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.204 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.2	114.4
97	44.0	38.2	57.4
132	27.9	23.7	35.5



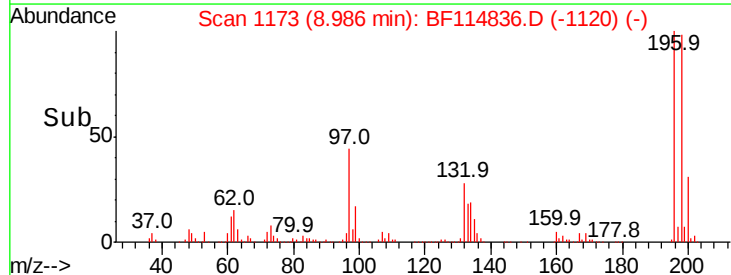
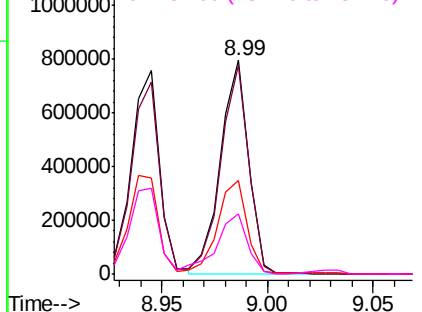
Abundance

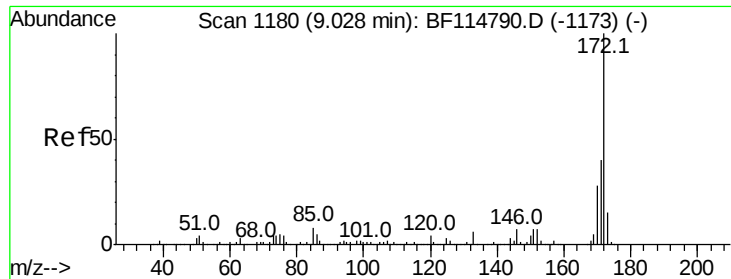
Ion 196.00 (195.70 to 196.70): E

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

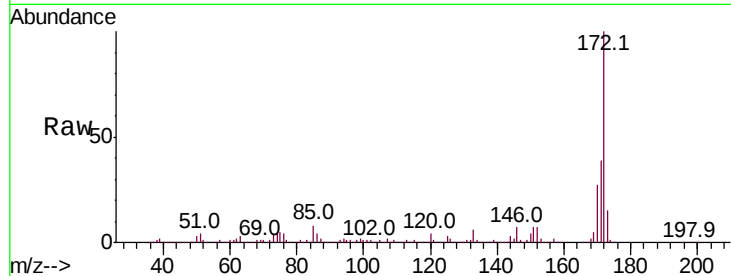




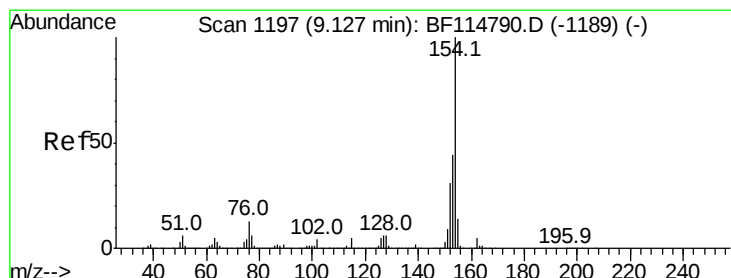
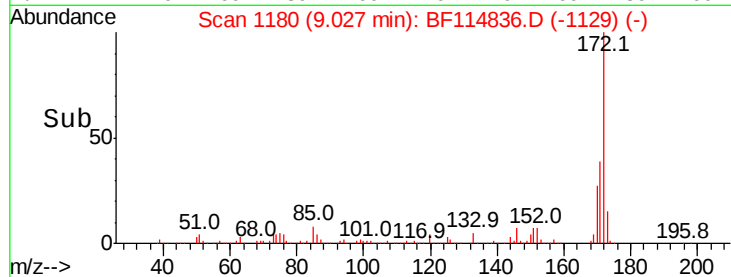
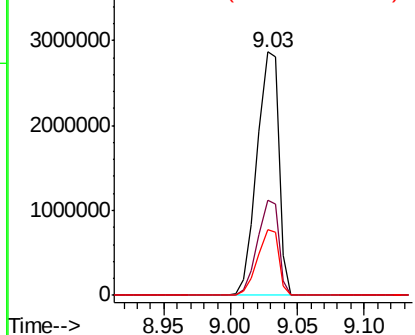
#45
2-Fluorobiphenyl
Concen: 84.691 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3231646
Ion Ratio Lower Upper
172 100
171 38.8 32.3 48.5
170 26.8 22.4 33.6

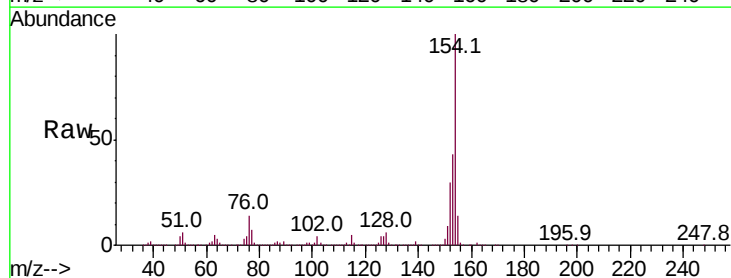


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

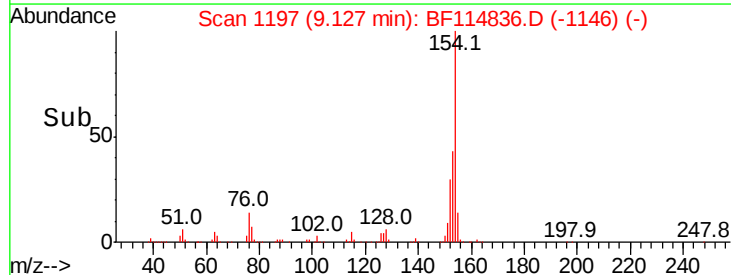
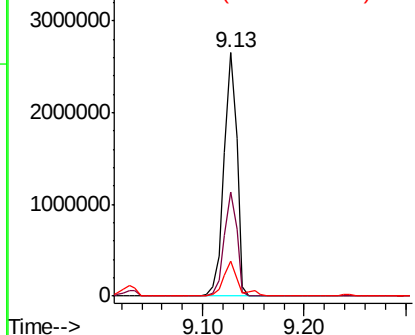


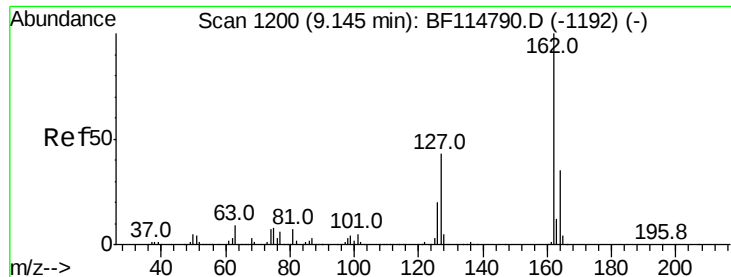
#46
1,1'-Biphenyl
Concen: 44.129 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:154 Resp: 2337853
Ion Ratio Lower Upper
154 100
153 42.9 23.9 63.9
76 14.2 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

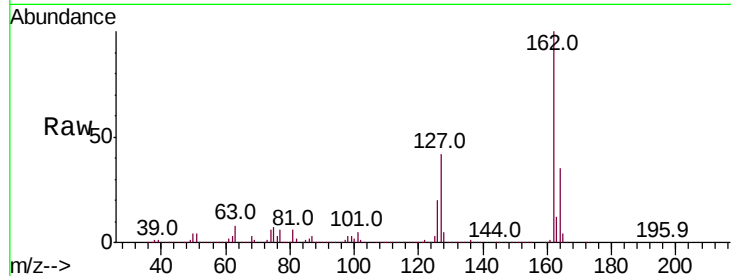




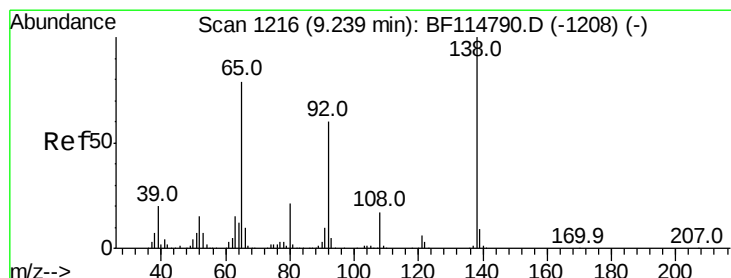
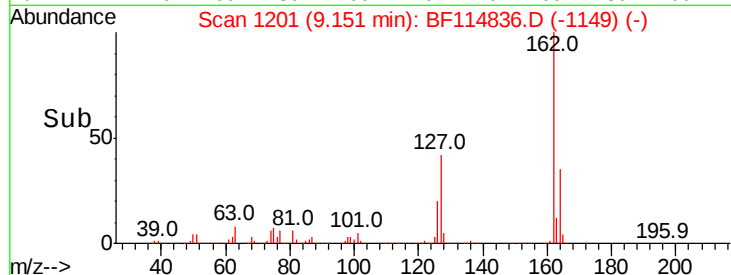
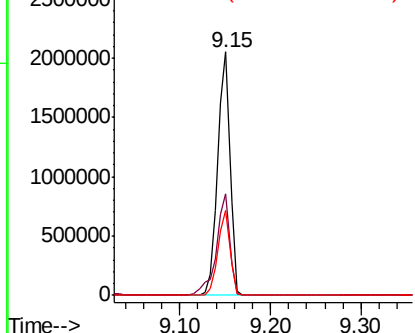
#47
 2-Chloronaphthalene
 Concen: 42.466 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1911683
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.6 51.8
 164 35.0 27.8 41.8

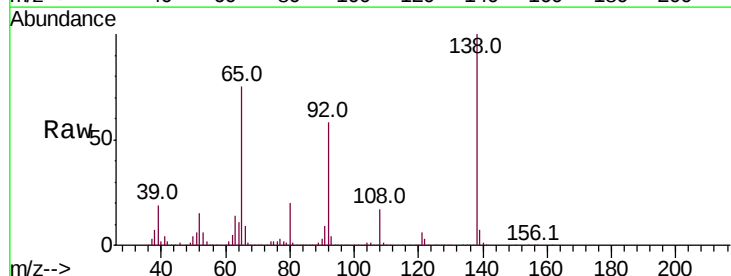


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

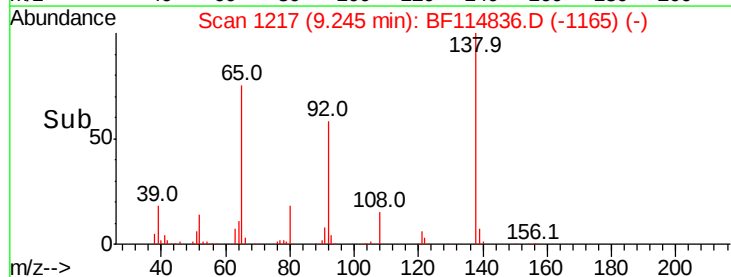
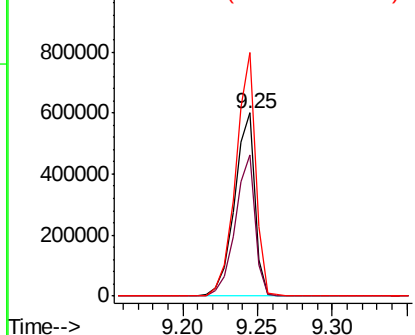


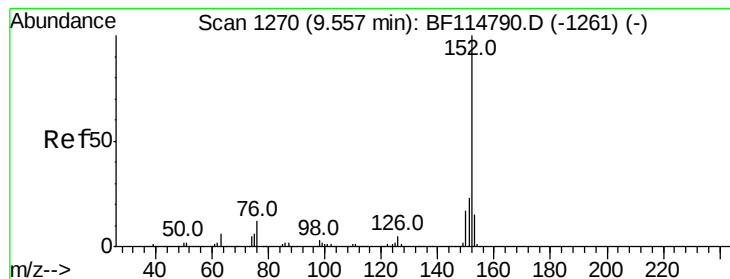
#48
 2-Nitroaniline
 Concen: 43.159 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion: 65 Resp: 579791
 Ion Ratio Lower Upper
 65 100
 92 77.0 60.4 90.6
 138 132.8 101.2 151.8



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: 44.601 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

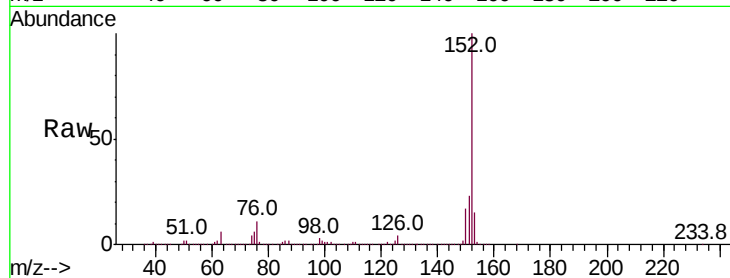
Tot Ion:152 Resp: 2911630

Ion Ratio Lower Upper

152 100

151 22.8 18.3 27.5

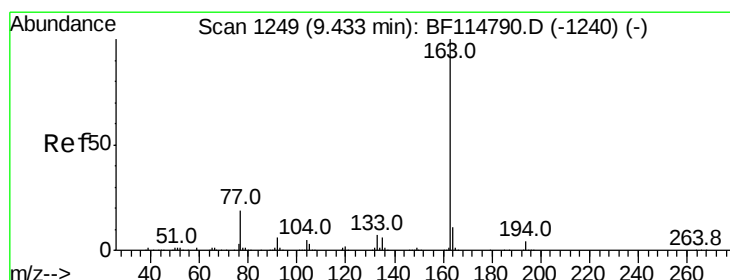
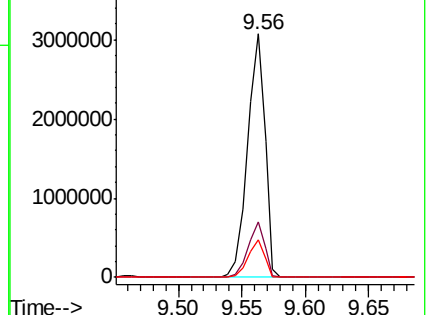
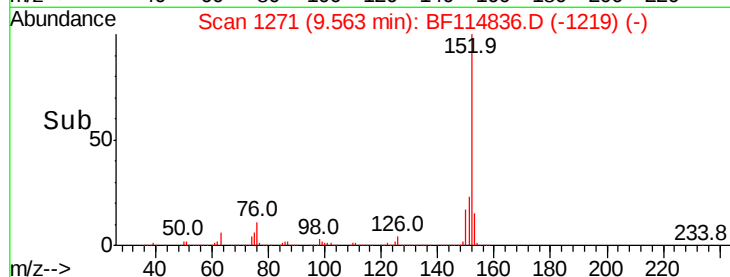
153 15.2 12.3 18.5



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: 55.928 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

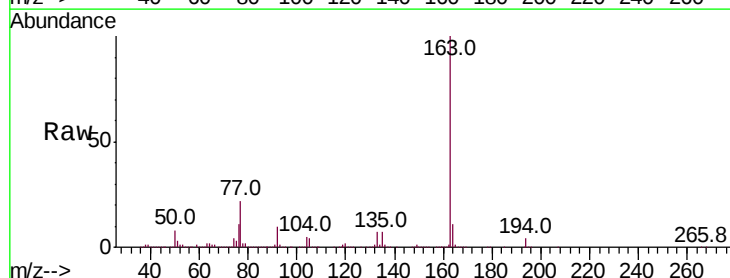
Tgt Ion:163 Resp: 2919848

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

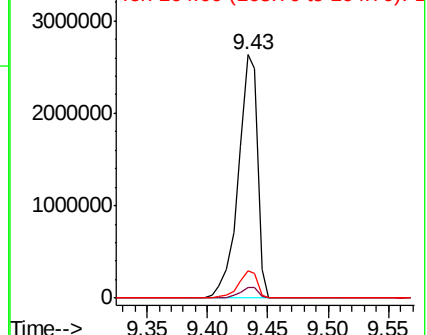
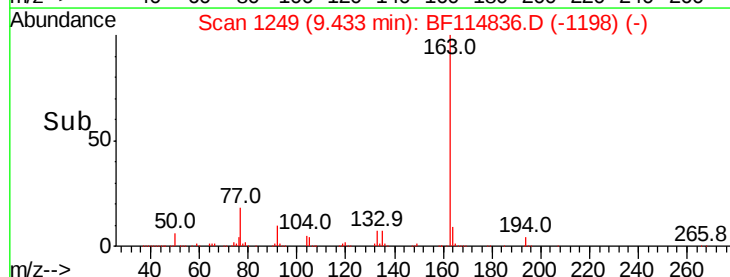
164 11.4 8.6 13.0

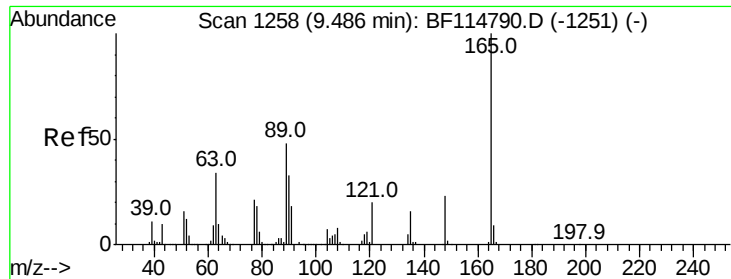


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

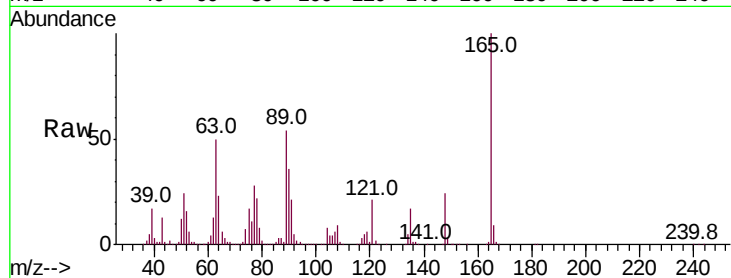




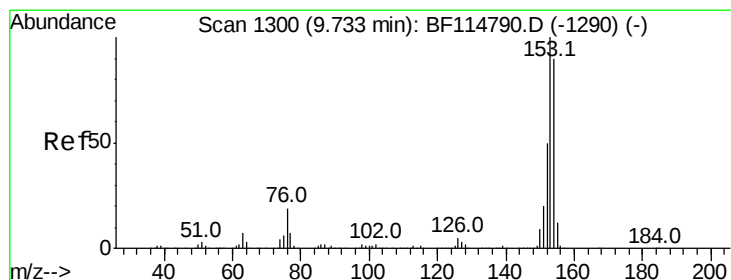
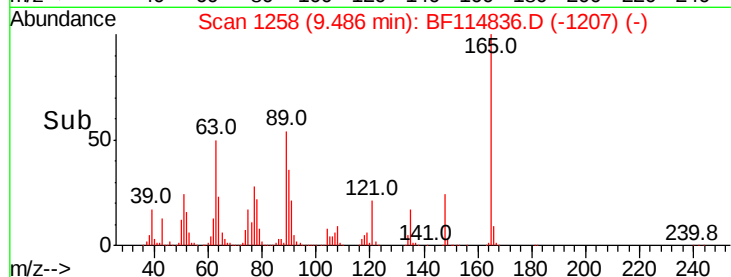
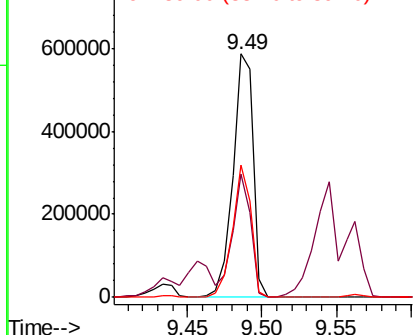
#51
 2,6-Dinitrotoluene
 Concen: 45.625 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 560180
 Ion Ratio Lower Upper
 165 100
 63 50.4 35.1 52.7
 89 54.4 38.2 57.2

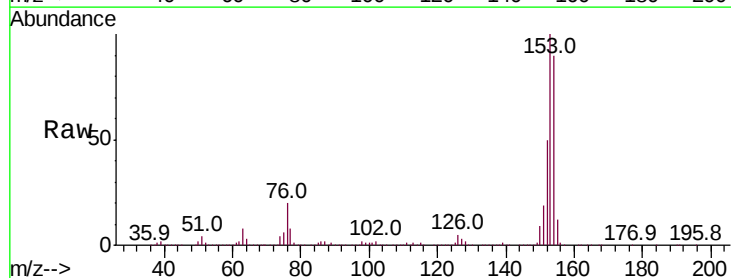


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

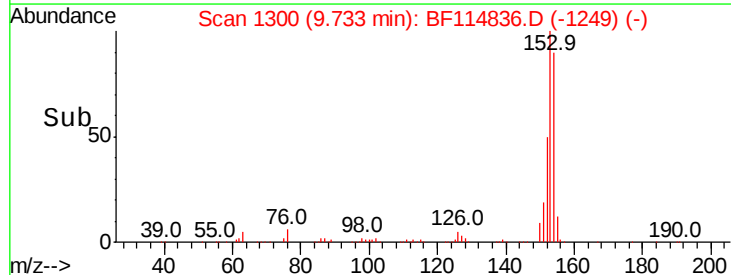
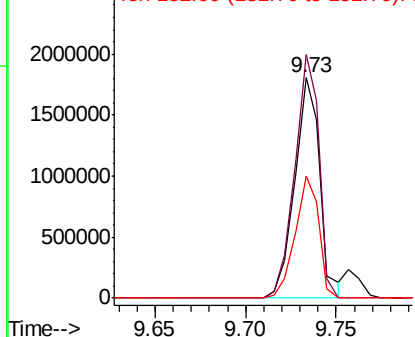


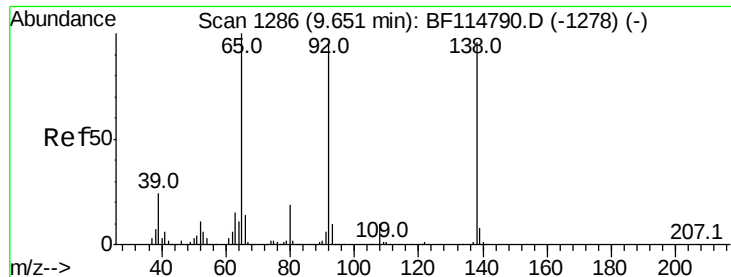
#52
 Acenaphthene
 Concen: 41.193 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion:154 Resp: 1761559
 Ion Ratio Lower Upper
 154 100
 153 110.5 88.5 132.7
 152 55.4 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

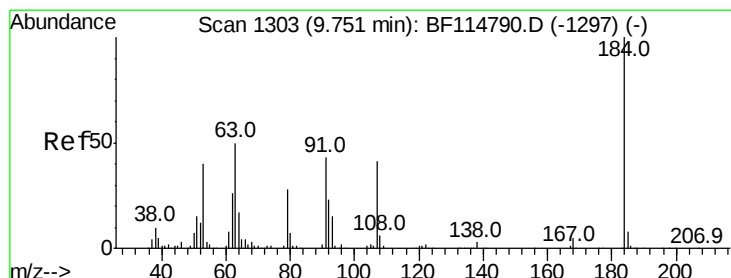
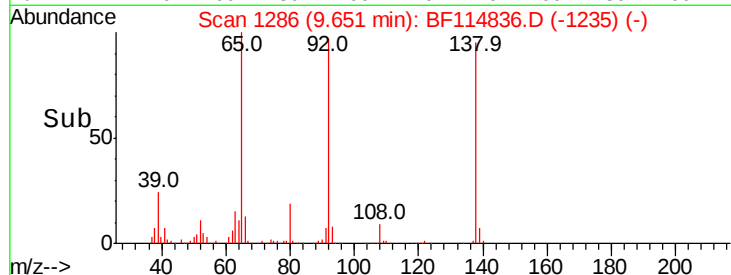
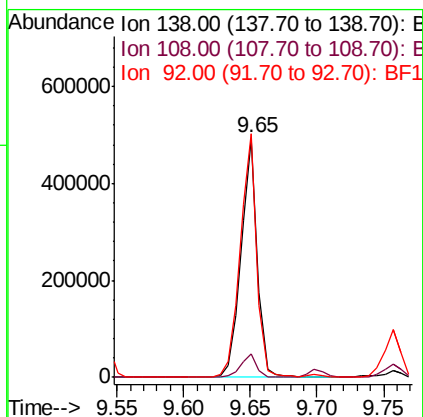
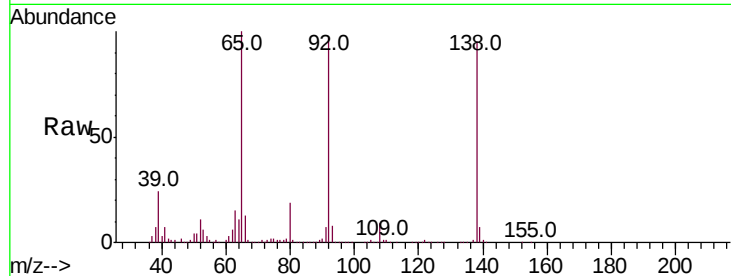




#53
3-Nitroaniline
Concen: 29.193 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

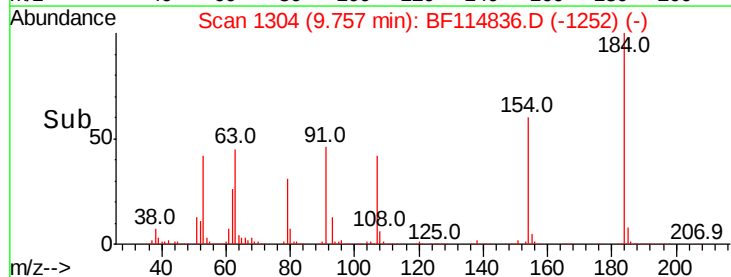
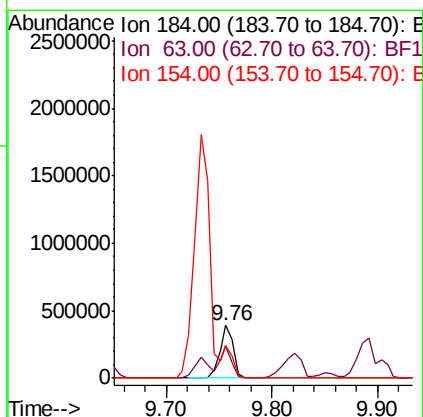
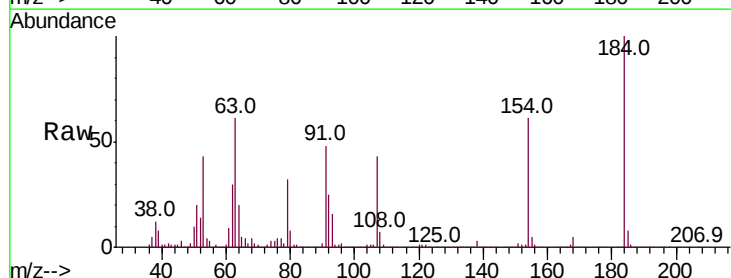
Instrument :
BNA_F
ClientSampleId :

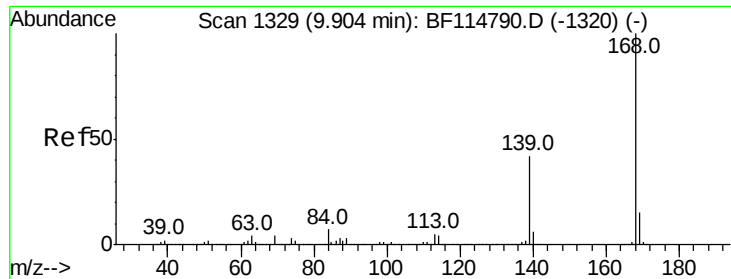
Tot Ion:138 Resp: 418716
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 101.9 79.9 119.9



#54
2,4-Dinitrophenol
Concen: 64.233 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:184 Resp: 356872
Ion Ratio Lower Upper
184 100
63 60.7 44.1 66.1
154 60.6 48.1 72.1

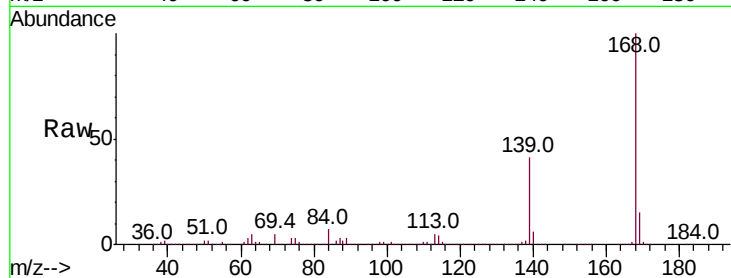




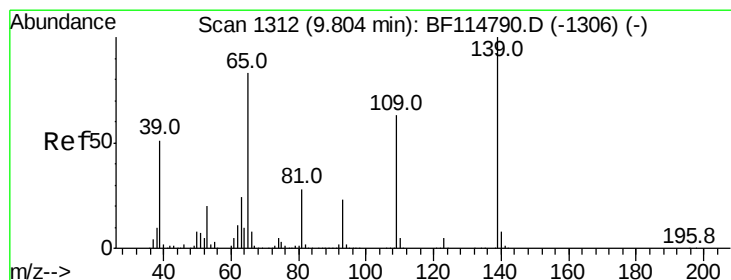
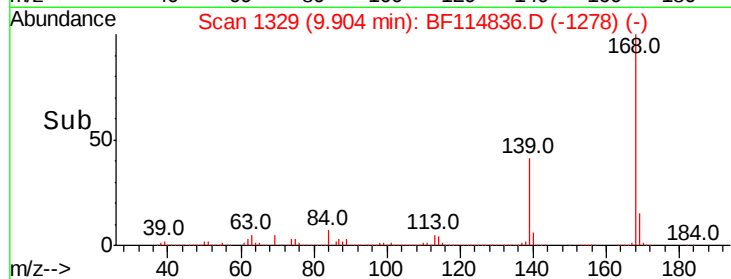
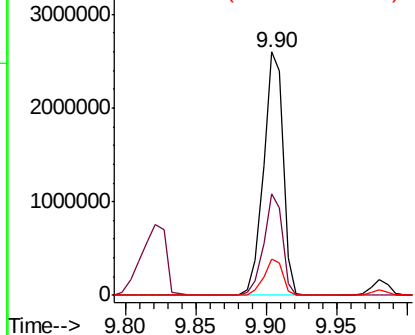
#55
Dibenzenofuran
Concen: 43.053 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2560129
Ion Ratio Lower Upper
168 100
139 41.5 33.8 50.6
169 15.0 11.9 17.9

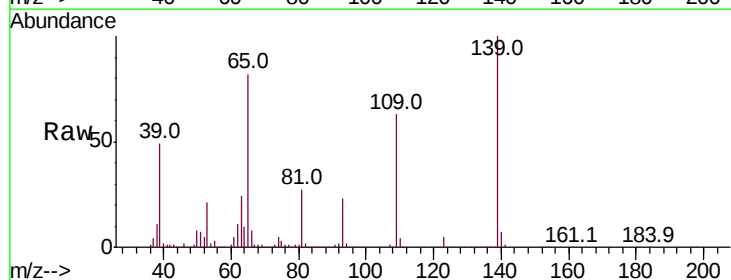


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

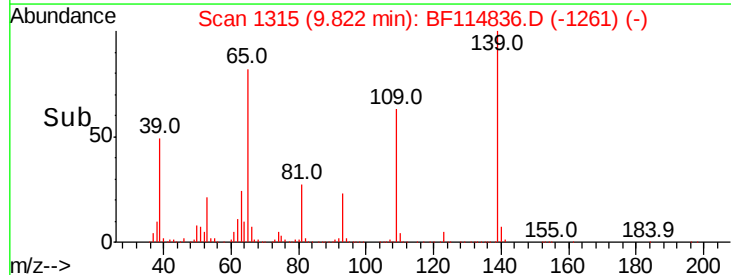
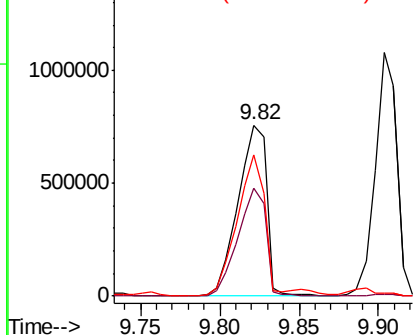


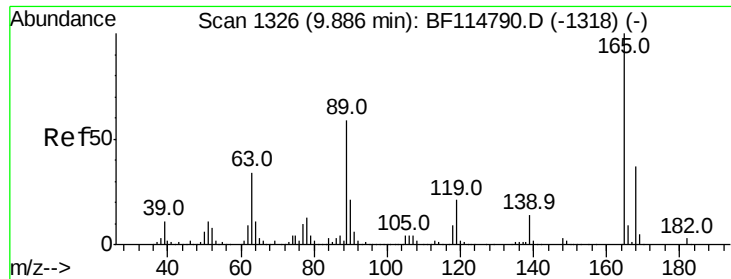
#56
4-Nitrophenol
Concen: 90.592 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:139 Resp: 952111
Ion Ratio Lower Upper
139 100
109 63.1 43.5 83.5
65 82.2 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

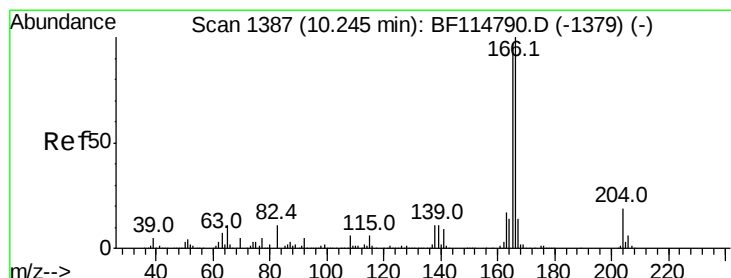
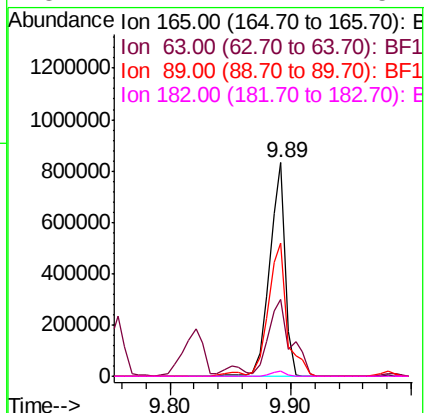
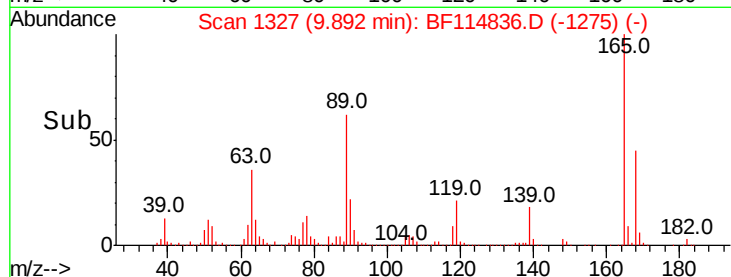
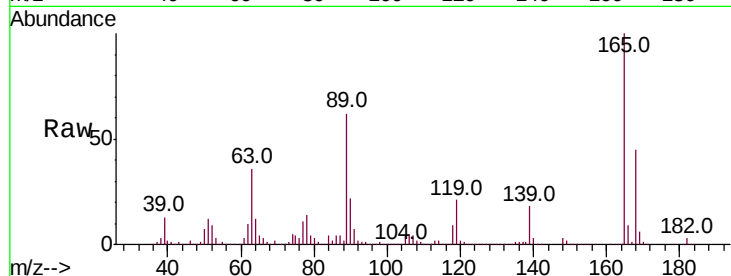




#57
2,4-Dinitrotoluene
Concen: 47.651 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

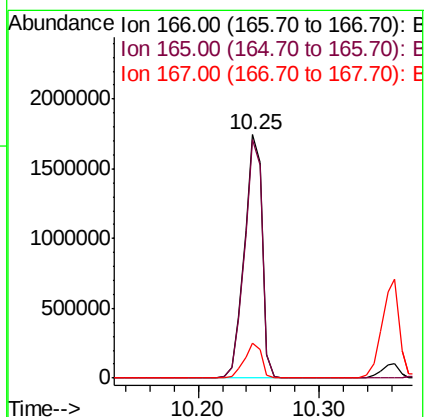
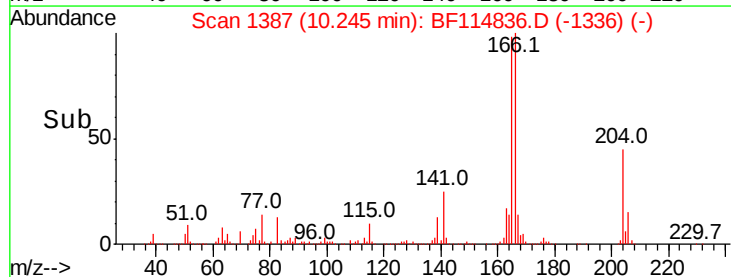
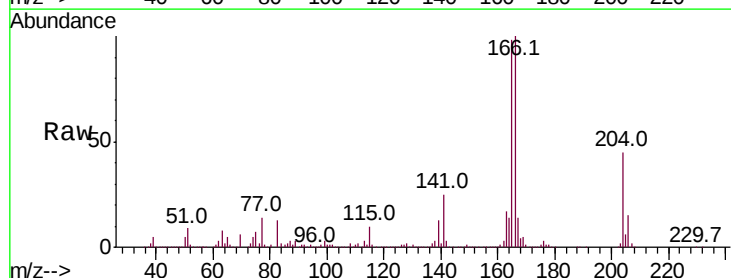
Instrument :
BNA_F
ClientSampleId :

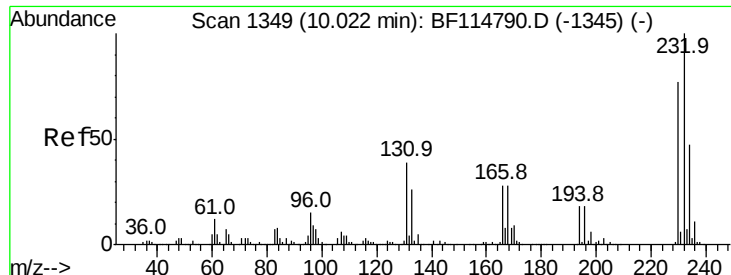
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.0	27.0	40.4
89	62.4	47.0	70.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 47.375 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	14.5	11.3	16.9

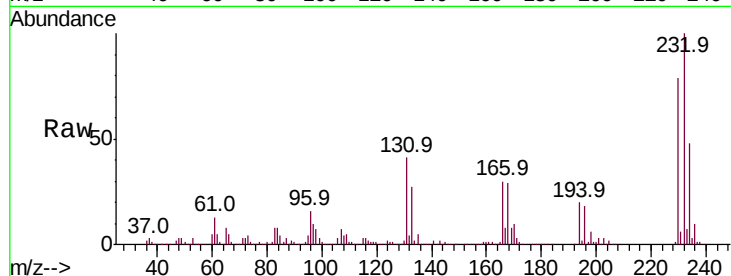




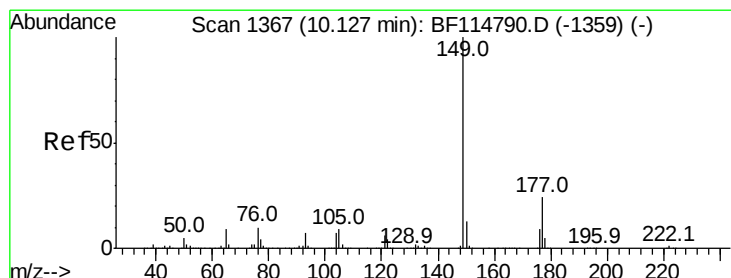
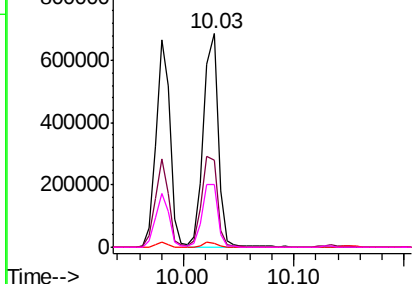
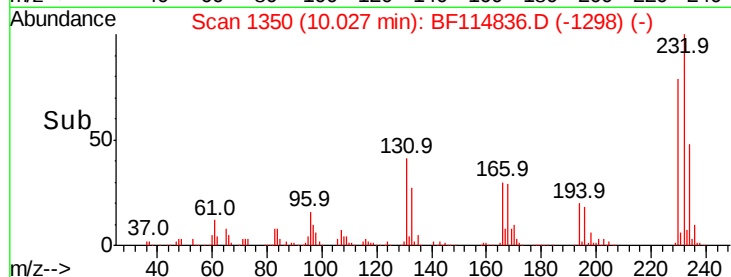
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.654 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 616594
Ion Ratio Lower Upper
232 100
131 44.8 36.8 55.2
130 2.2 1.8 2.6
166 31.0 24.6 37.0

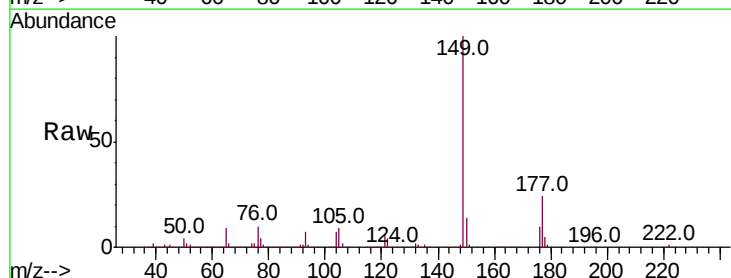


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

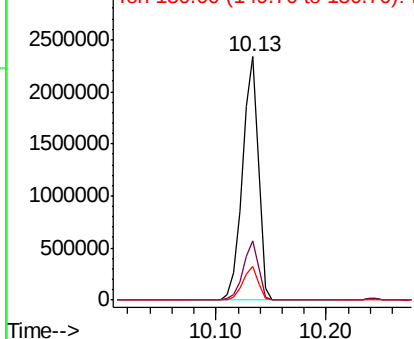
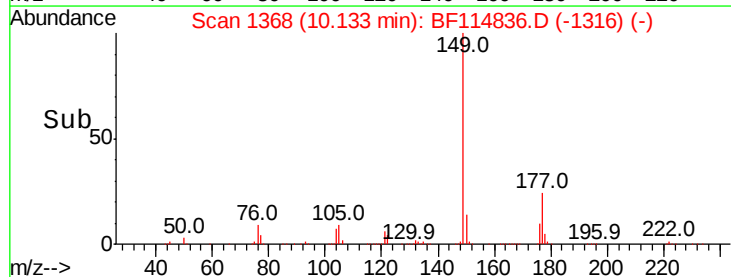


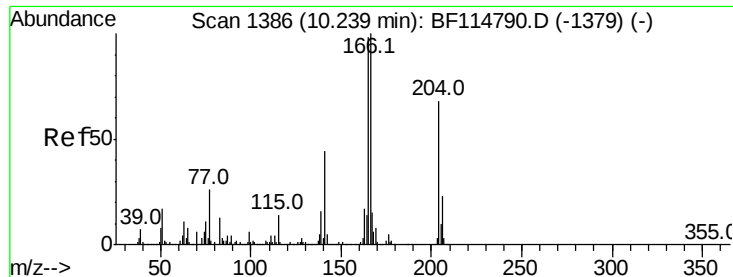
#60
Diethylphthalate
Concen: 45.350 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:149 Resp: 2375754
Ion Ratio Lower Upper
149 100
177 24.3 19.3 28.9
150 13.7 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

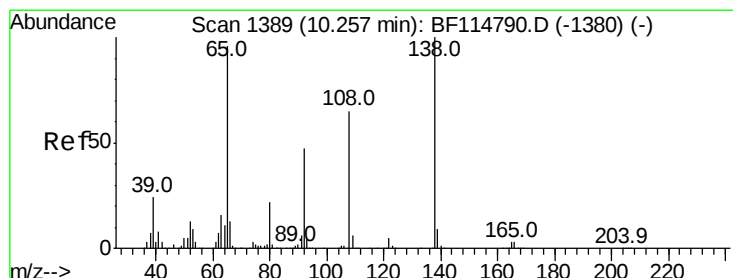
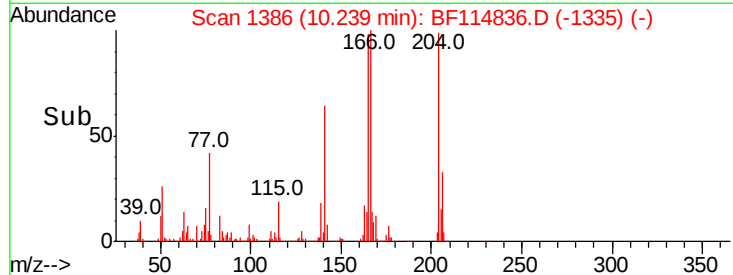
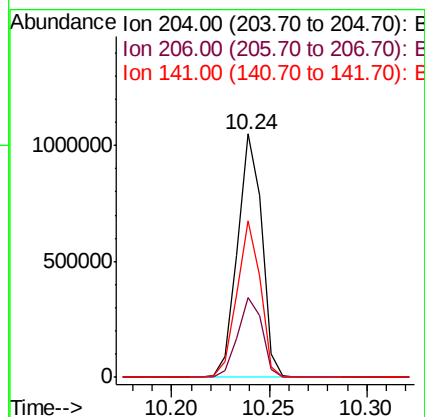
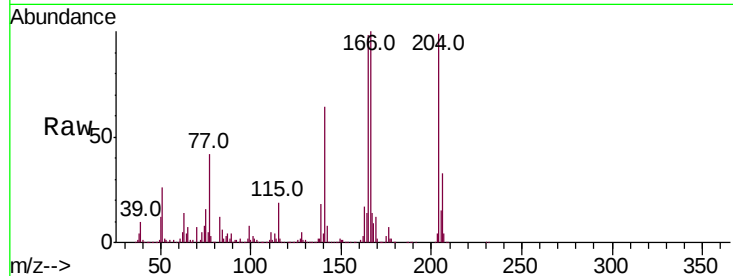




#61
4-Chlorophenyl-phenylether
Concen: 39.744 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

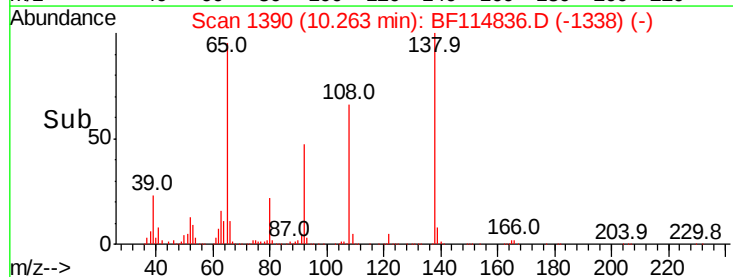
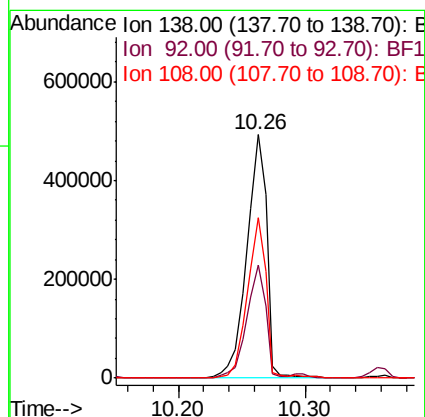
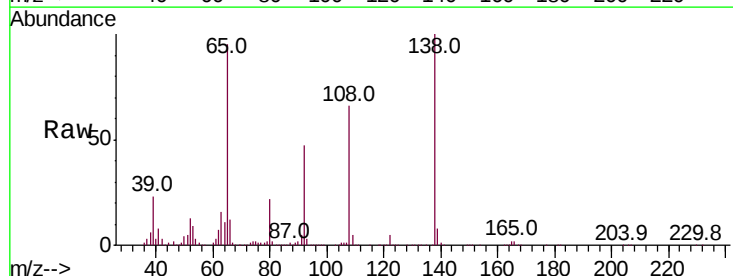
Instrument :
BNA_F
ClientSampled :

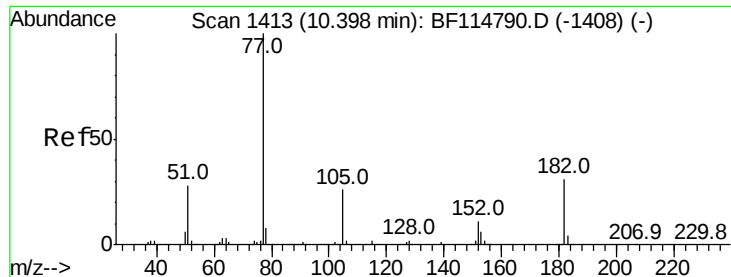
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	64.4	51.0	76.4



#62
4-Nitroaniline
Concen: 38.688 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	26.5	66.5
108	65.7	45.4	85.4

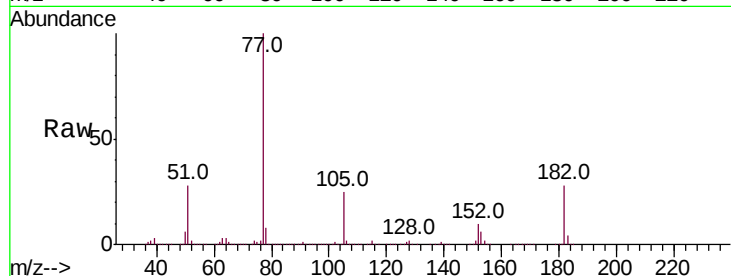




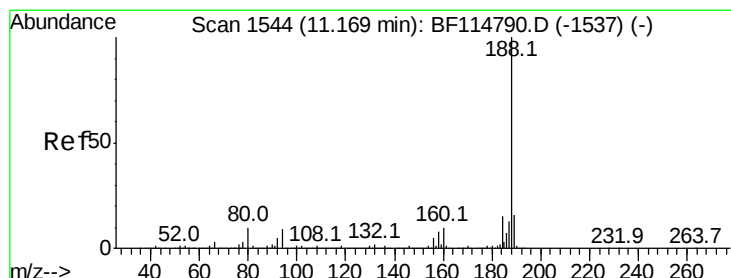
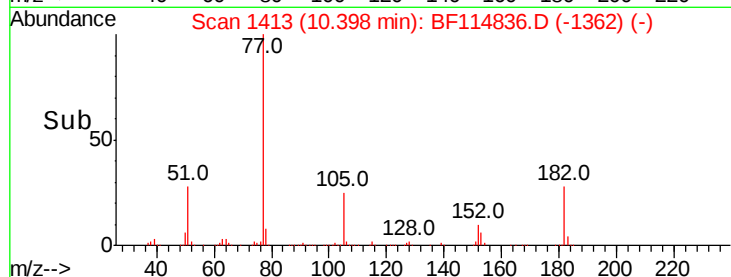
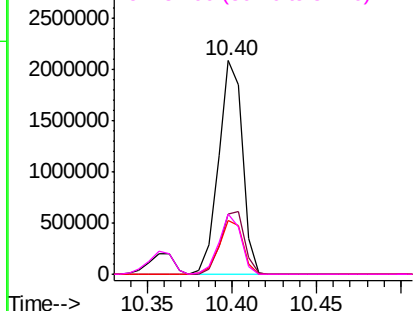
#63
Azobenzene
Concen: 45.828 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2043582
Ion Ratio Lower Upper
77 100
182 28.3 11.2 51.2
105 24.9 5.7 45.7
51 27.9 8.0 48.0

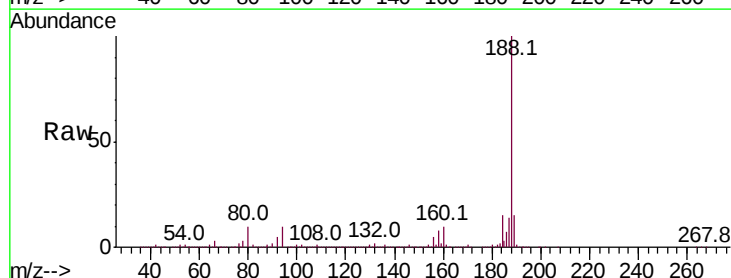


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

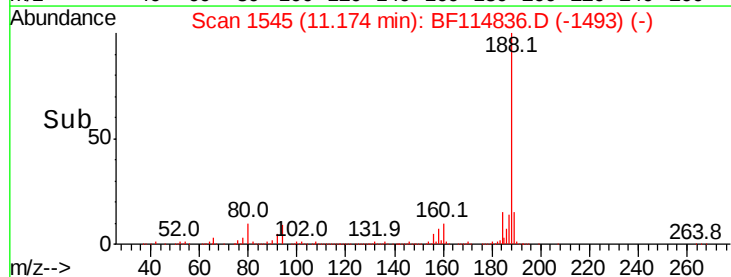
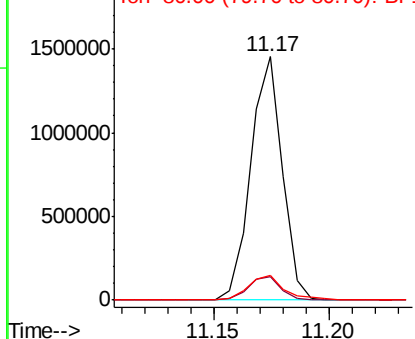


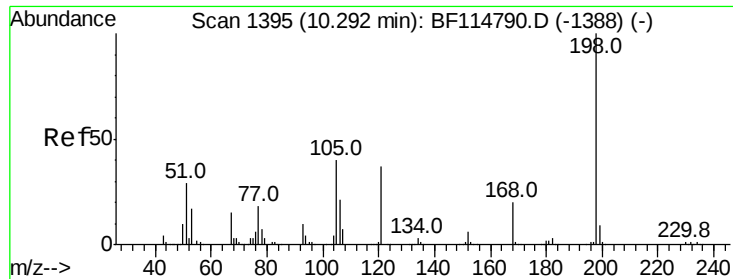
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion: 188 Resp: 1386289
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.0 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

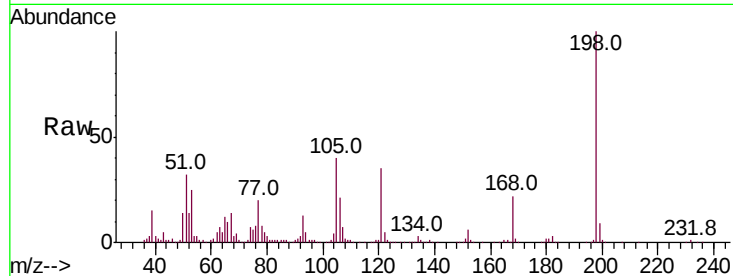




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.085 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.2	14.9	54.9
105	40.0	21.0	61.0

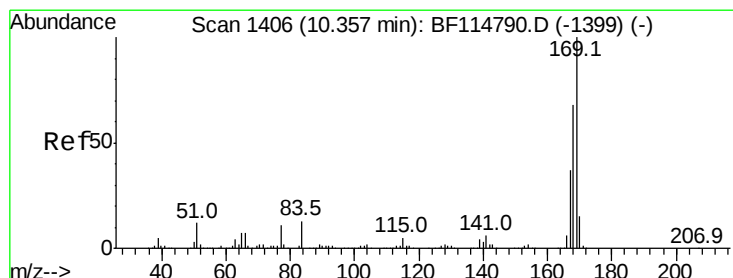
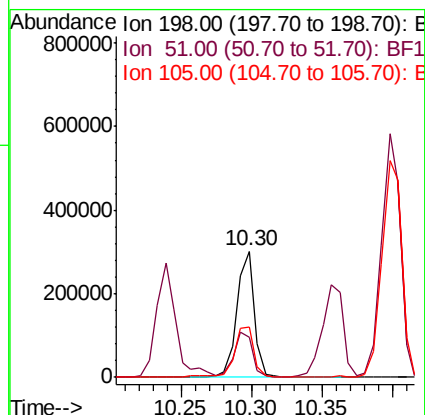
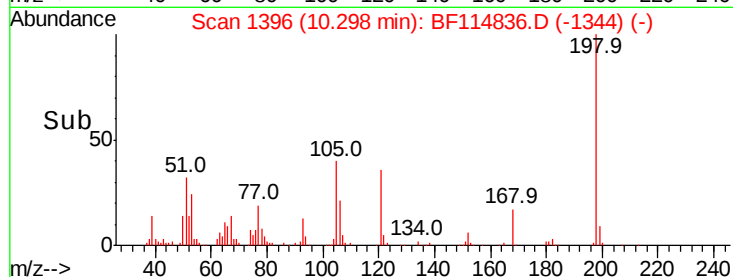


Abundance

Ion 198.00 (197.70 to 198.70): E

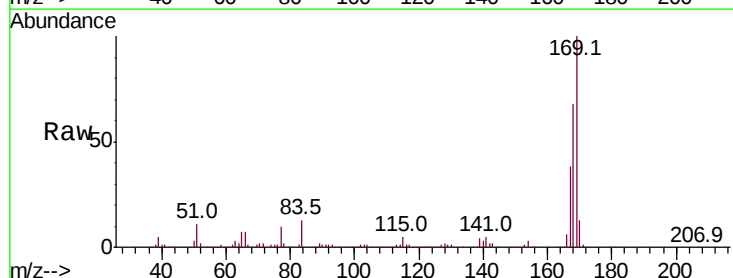
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 44.842 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.3	81.5
167	37.8	29.9	44.9

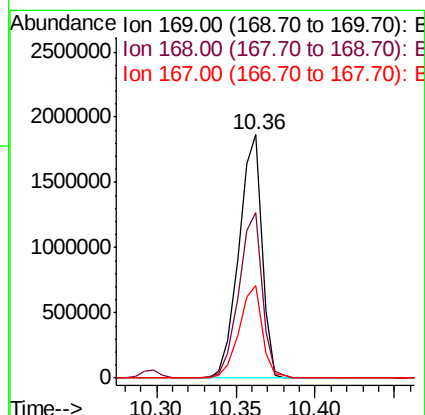
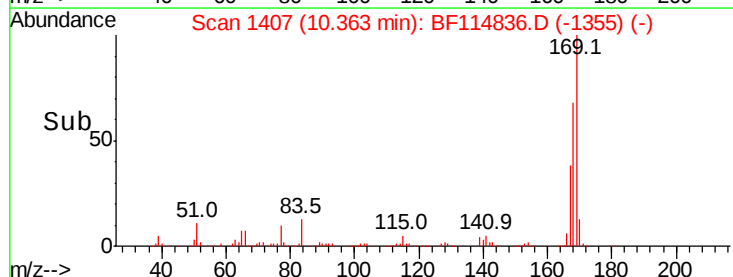


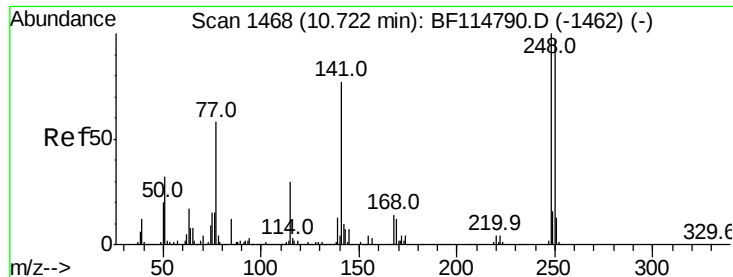
Abundance

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

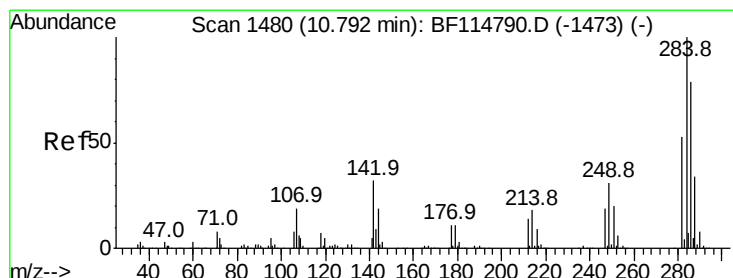
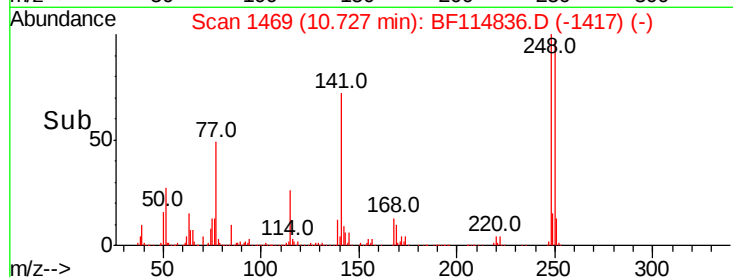
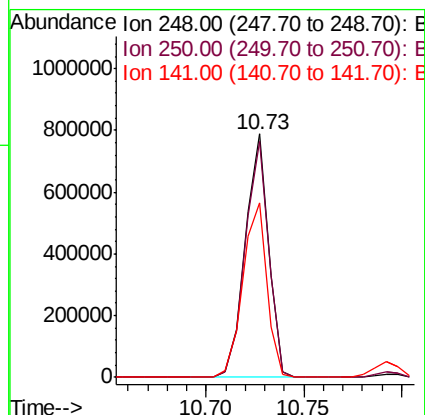
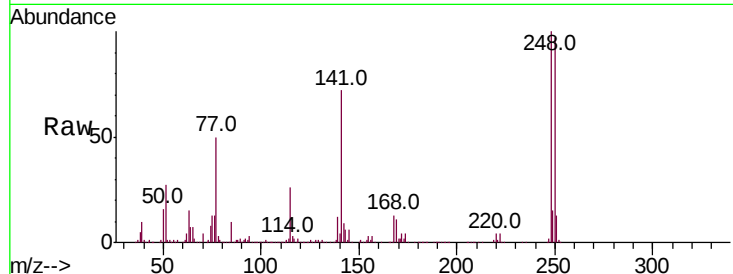




#67
4-Bromophenyl-phenylether
Concen: 41.476 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

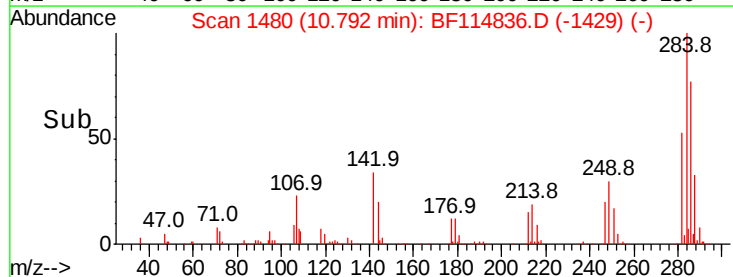
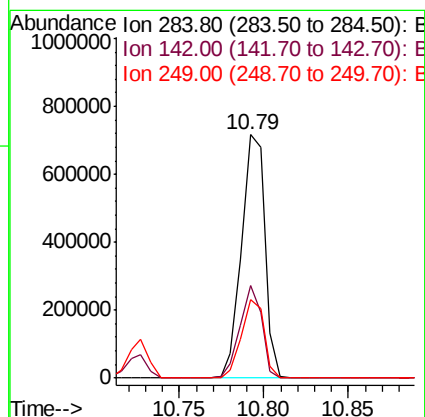
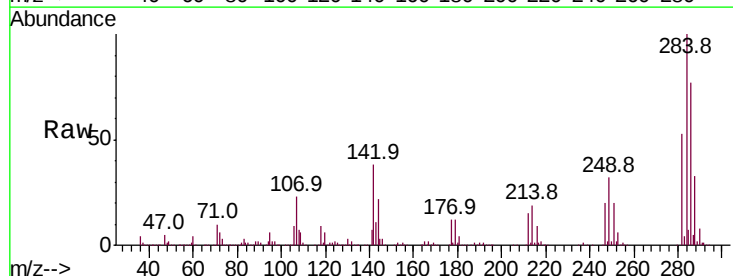
Instrument :
BNA_F
ClientSampleId :

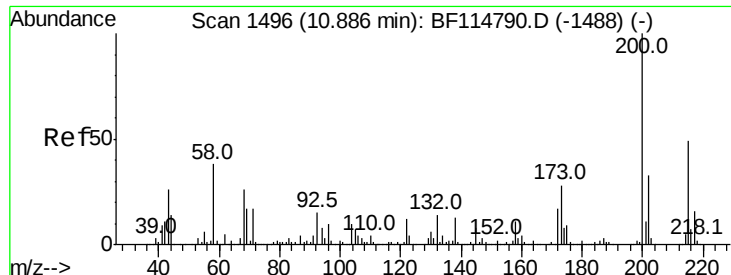
Tot Ion:248 Resp: 653033
Ion Ratio Lower Upper
248 100
250 97.2 77.5 116.3
141 71.6 61.8 92.8



#68
Hexachlorobenzene
Concen: 40.209 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:284 Resp: 692868
Ion Ratio Lower Upper
284 100
142 38.0 25.3 37.9#
249 32.0 24.9 37.3

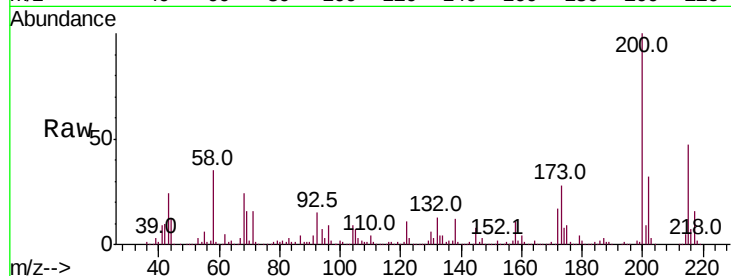




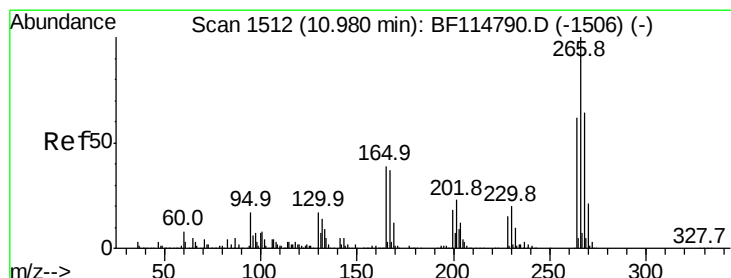
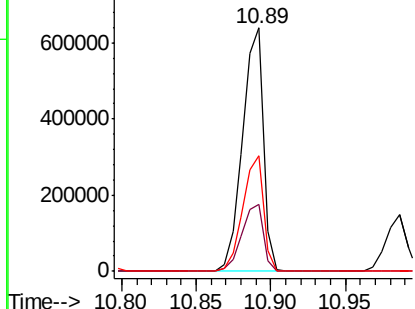
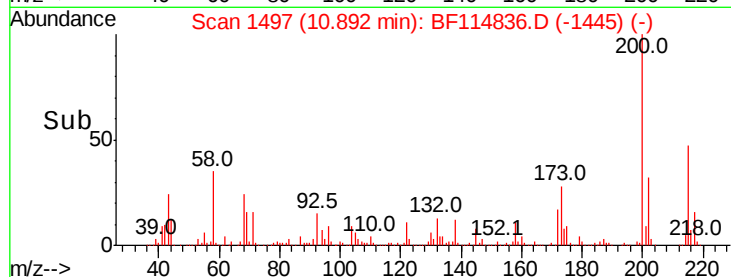
#69
 Atrazine
 Concen: 42.626 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.0	48.0
215	47.4	28.7	68.7

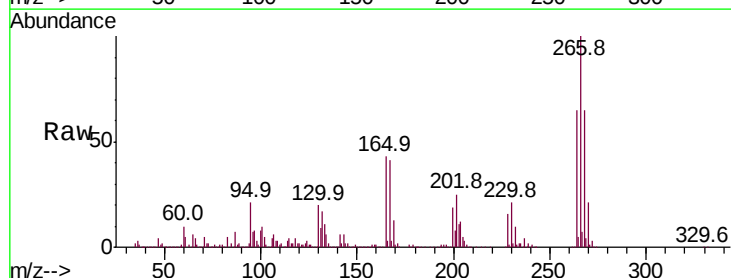


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

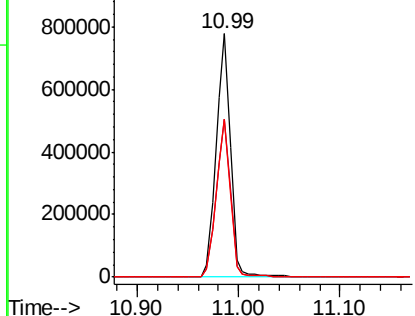
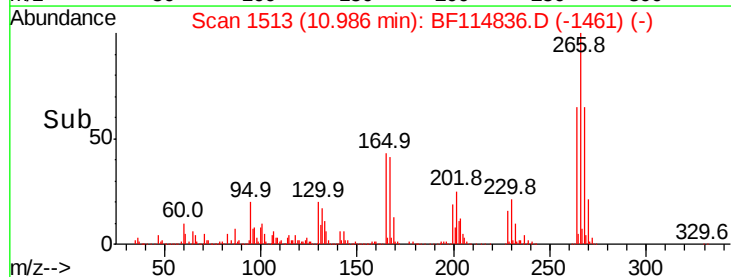


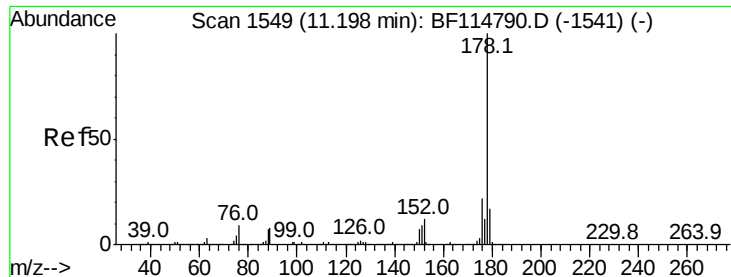
#70
 Pentachlorophenol
 Concen: 77.187 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.0	76.6
264	64.7	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



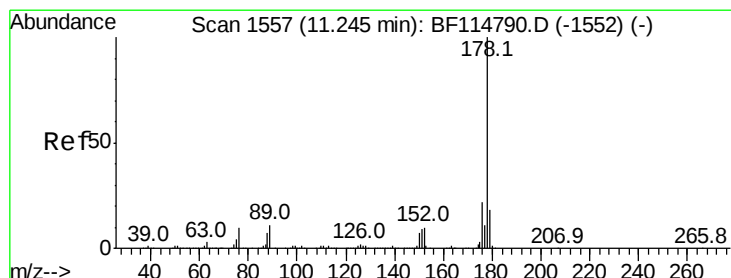
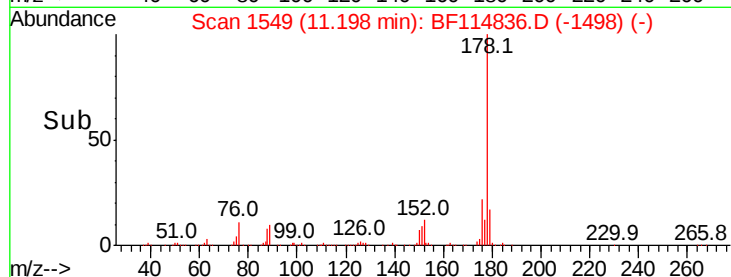
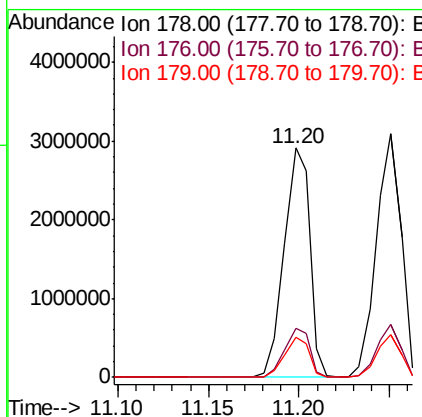
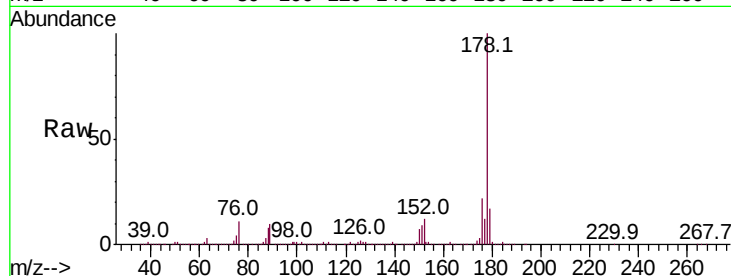


#71
 Phenanthrene
 Concen: 43.528 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2880665

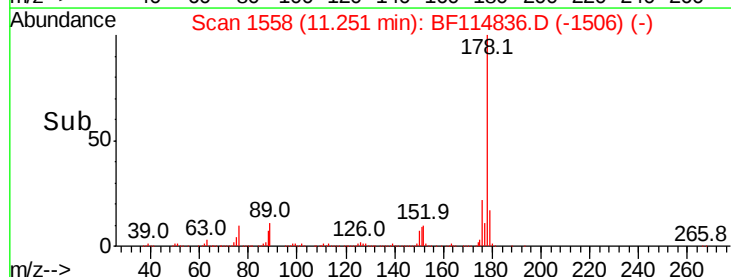
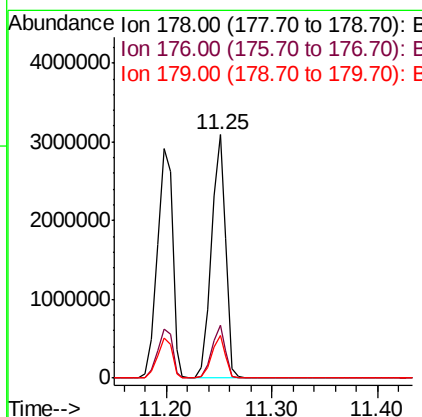
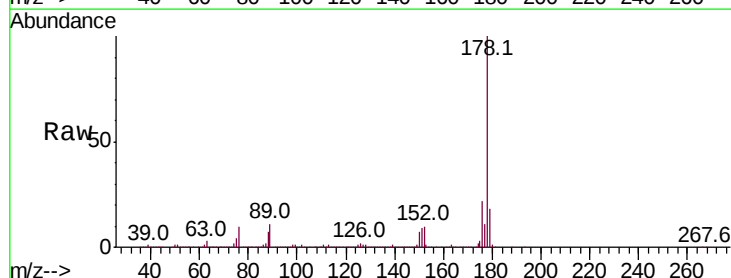
Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.7	26.5
179	17.3	13.7	20.5

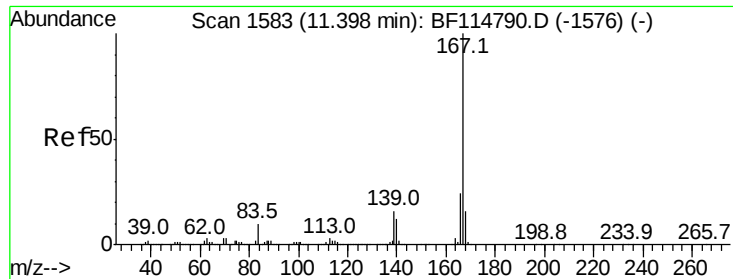


#72
 Anthracene
 Concen: 42.255 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion:178 Resp: 2942995

Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.4	26.0
179	17.6	14.2	21.4





#73

Carbazole

Concen: 43.020 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

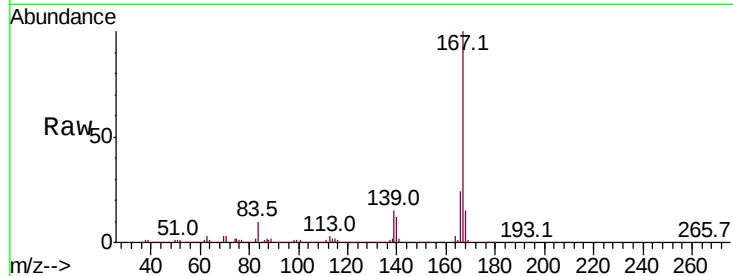
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 2568528

Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.1	28.7
139	15.1	12.4	18.6

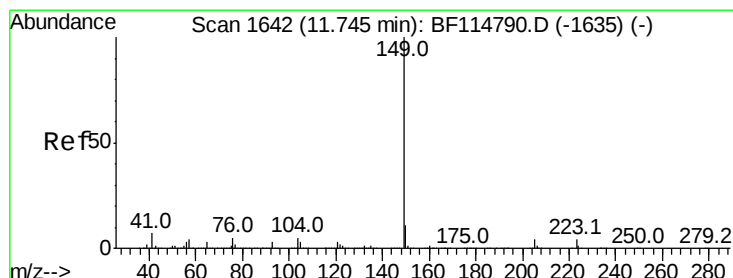
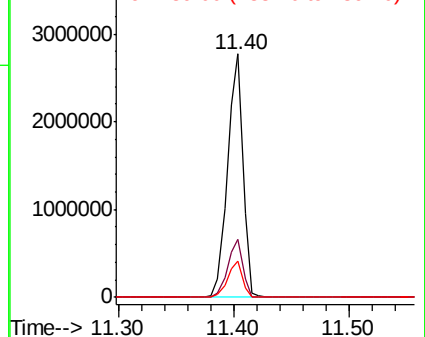
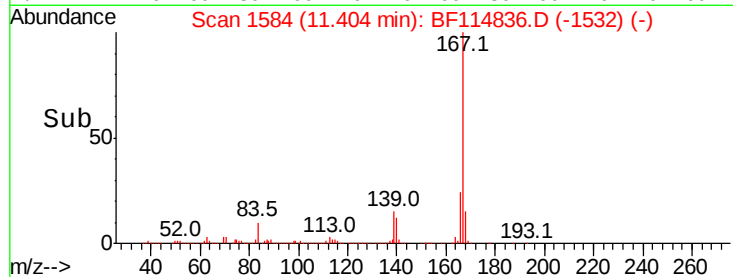


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.602 ng

RT: 11.75 min Scan# 1643

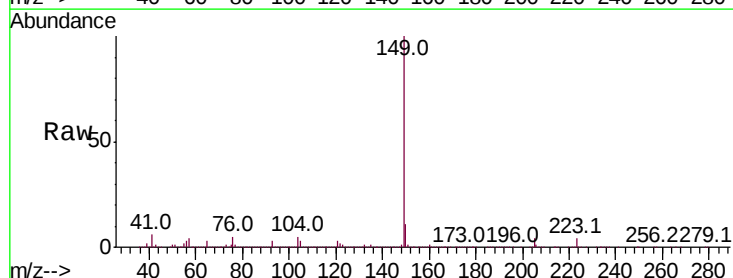
Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:149 Resp: 3424024

Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.9	13.3
104	4.9	4.3	6.5

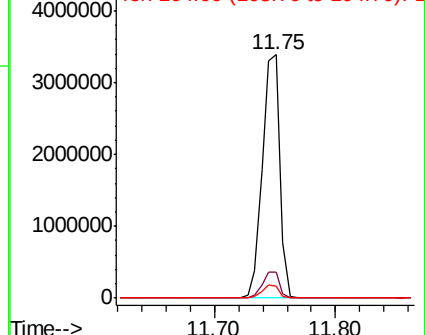
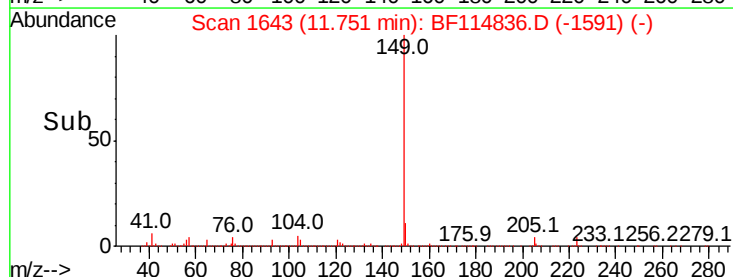


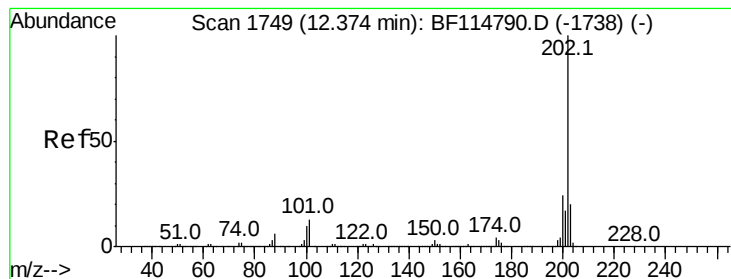
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.800 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

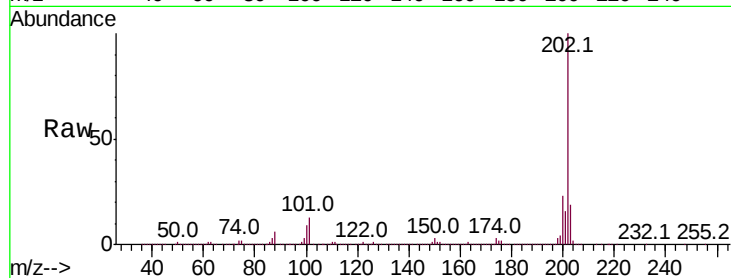
Tot Ion:202 Resp: 2741456

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

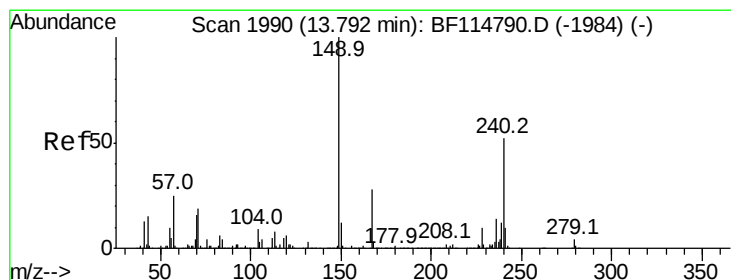
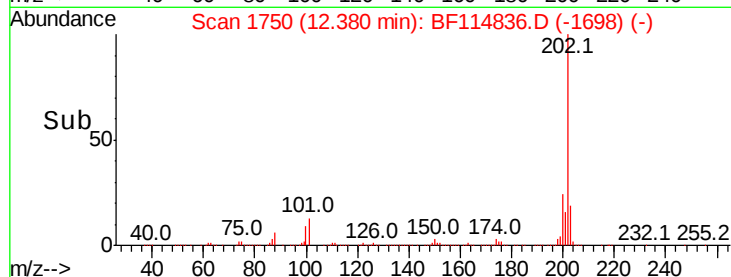
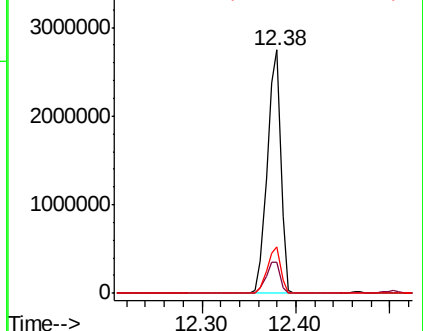
203 19.2 0.2 40.2



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: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

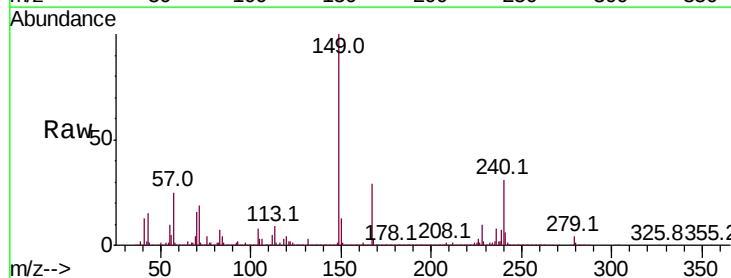
Tgt Ion:240 Resp: 626030

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

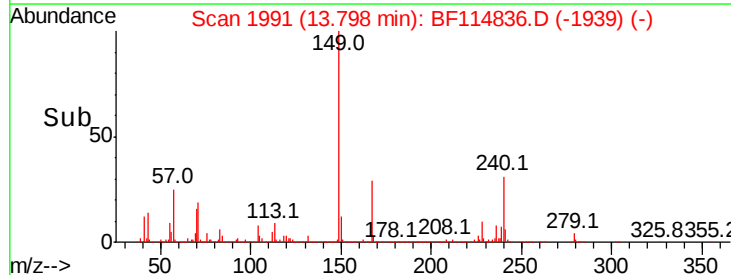
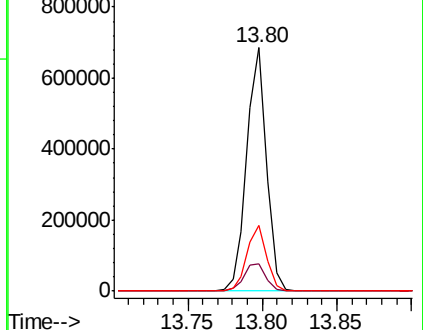
236 27.1 21.4 32.0

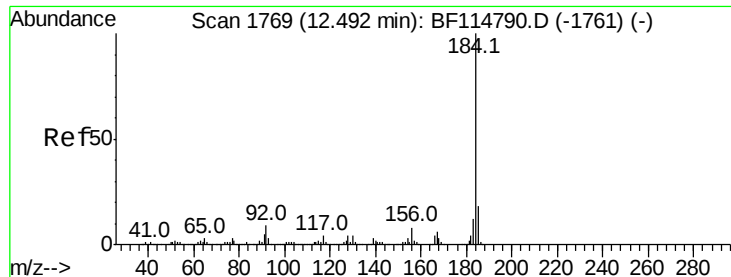


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.212 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

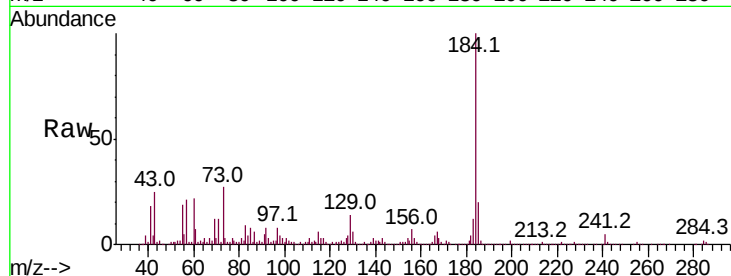
Tot Ion:184 Resp: 905331

Ion Ratio Lower Upper

184 100

185 20.2 14.1 21.1

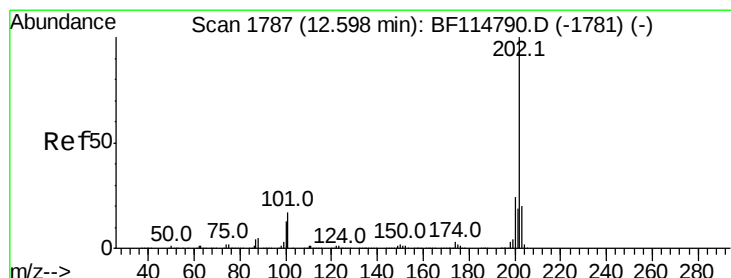
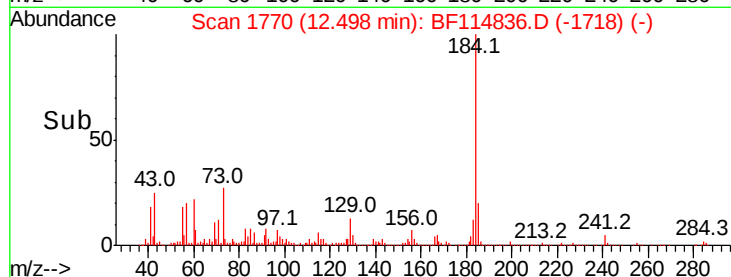
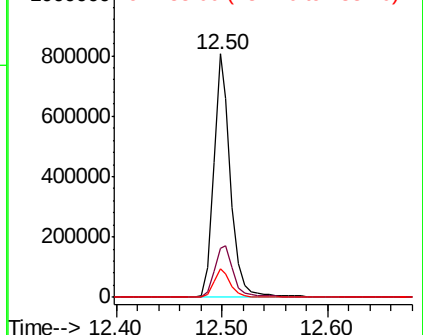
183 11.7 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.264 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

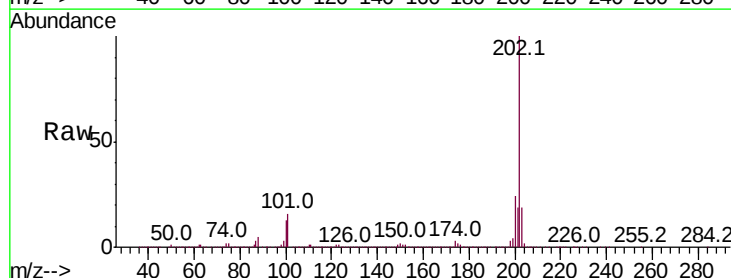
Tgt Ion:202 Resp: 2675490

Ion Ratio Lower Upper

202 100

200 24.1 19.2 28.8

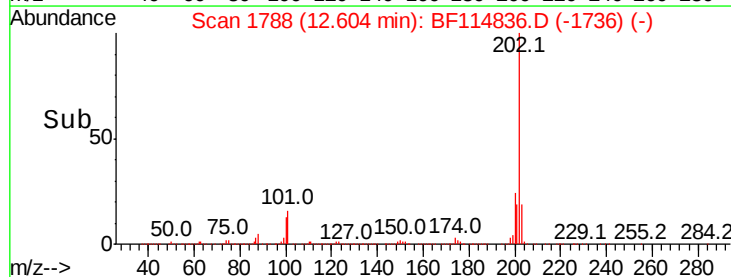
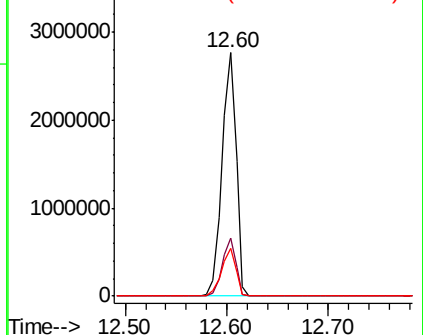
203 19.4 15.9 23.9

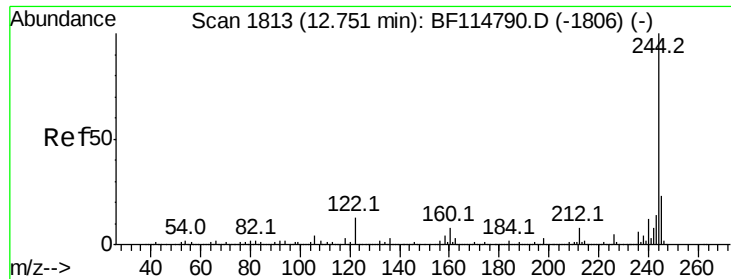


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.448 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

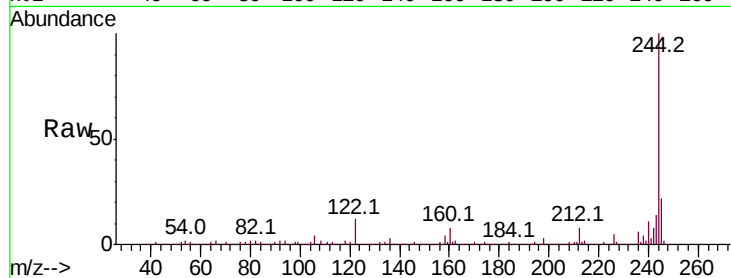
Tot Ion:244 Resp: 3201281

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

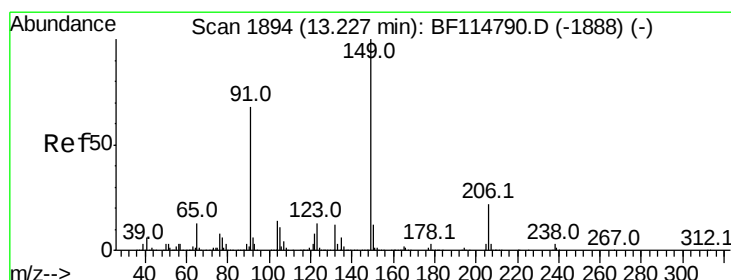
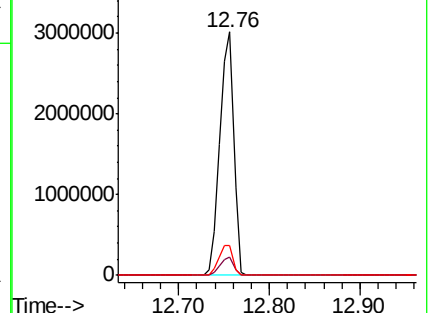
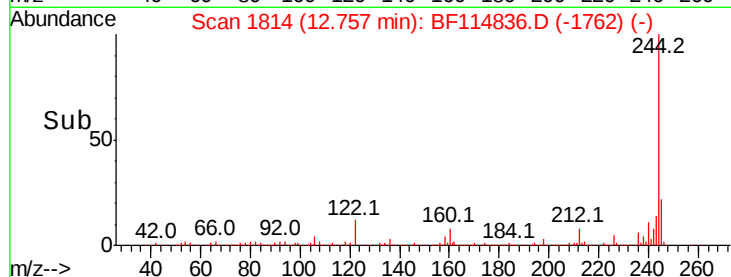
122 12.1 10.5 15.7



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: 53.161 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

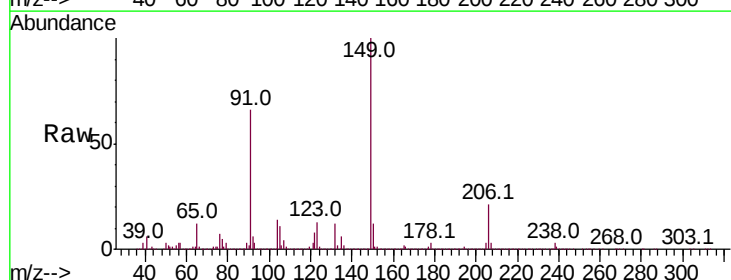
Tgt Ion:149 Resp: 1457912

Ion Ratio Lower Upper

149 100

91 65.6 54.6 82.0

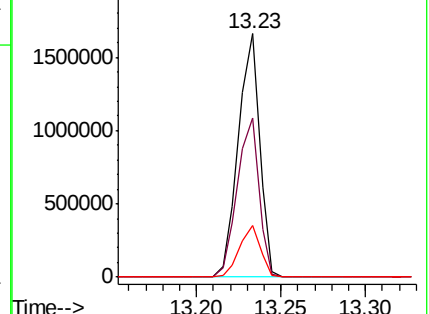
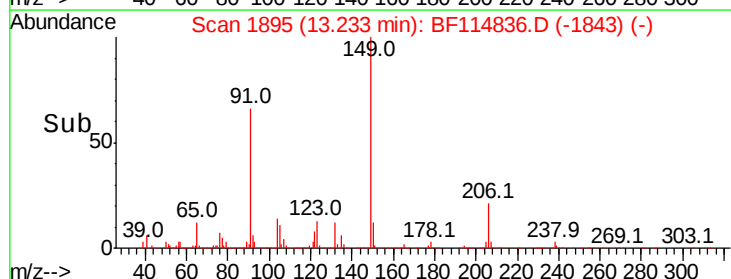
206 21.3 17.2 25.8

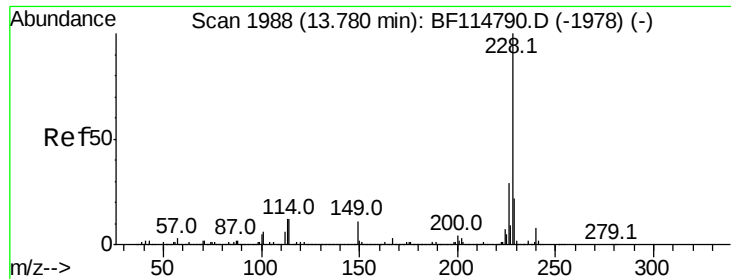


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.061 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

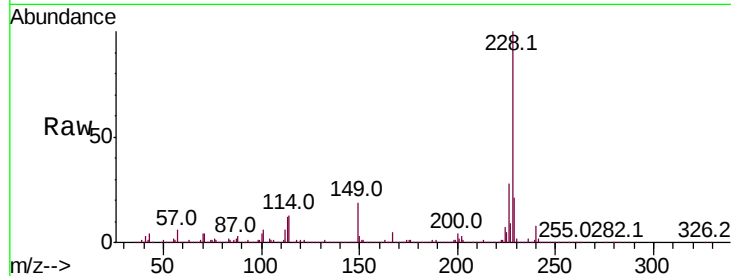
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2125580

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.8	17.4	26.0

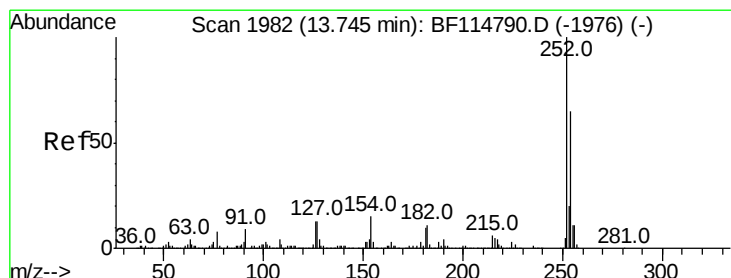
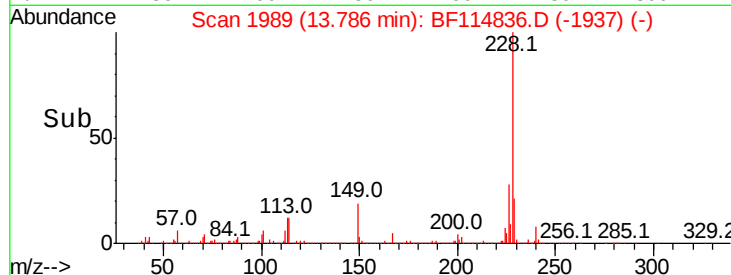
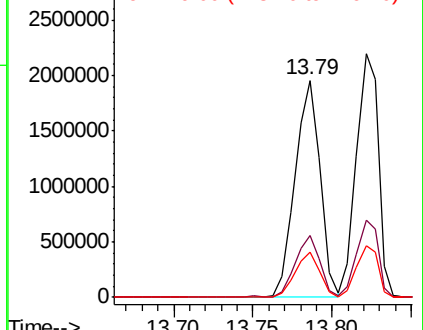


Abundance

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: 39.755 ng

RT: 13.75 min Scan# 1983

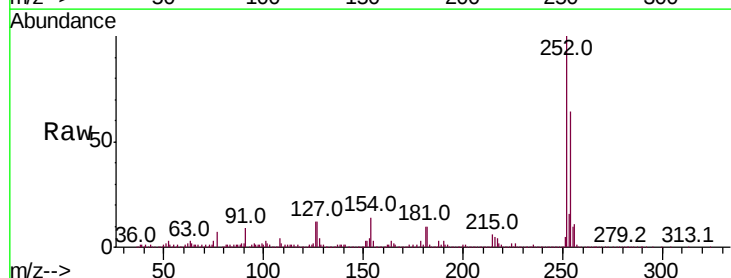
Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:252 Resp: 777664

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	12.3	10.5	15.7

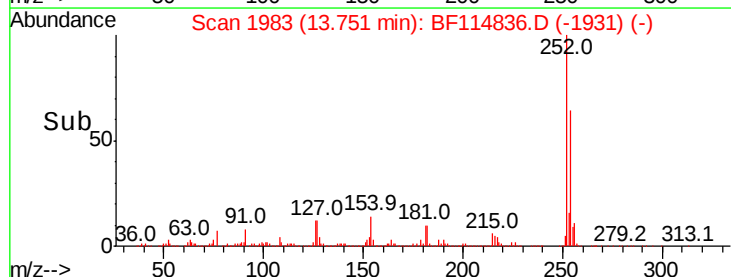
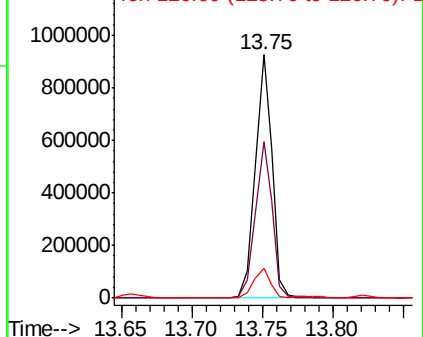


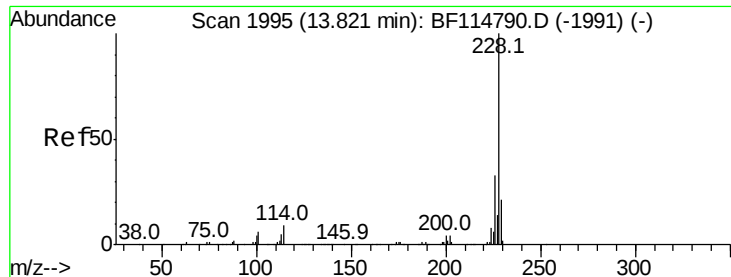
Abundance

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: 45.354 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

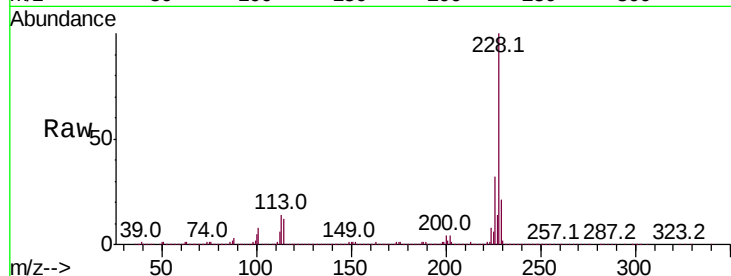
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 2128456

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.0	39.0
229	21.4	17.1	25.7

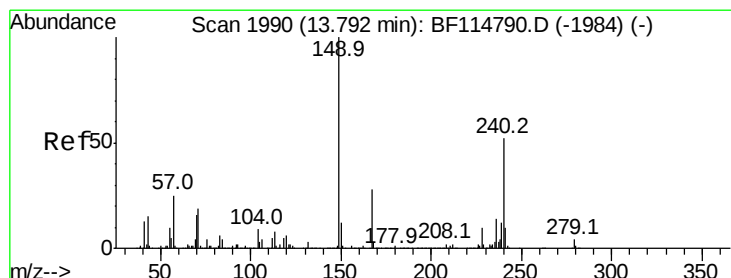
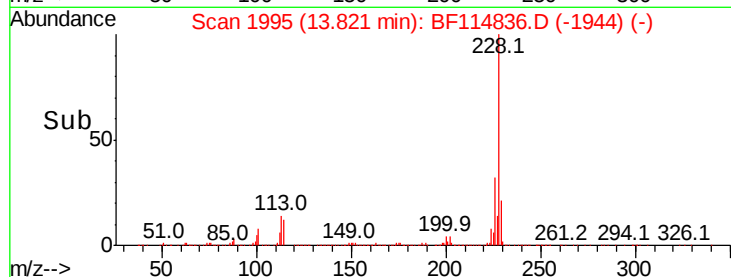
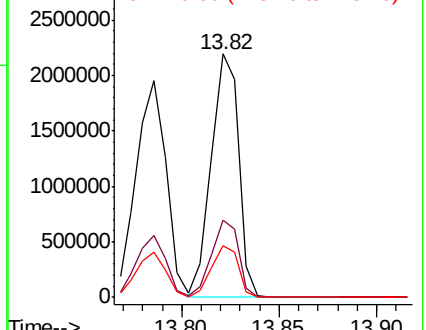


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.753 ng

RT: 13.80 min Scan# 1991

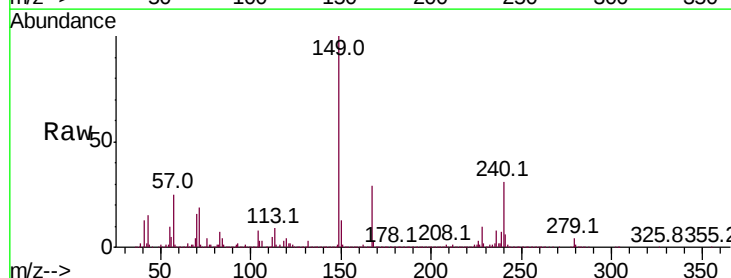
Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:149 Resp: 2210865

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.7	34.1
279	4.2	3.1	4.7

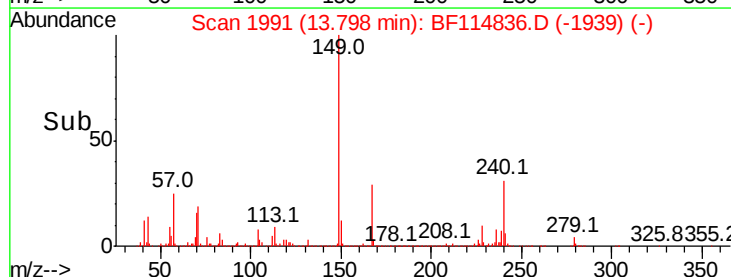
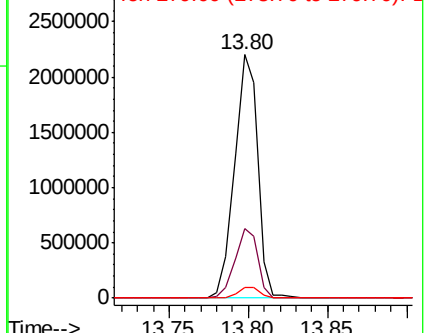


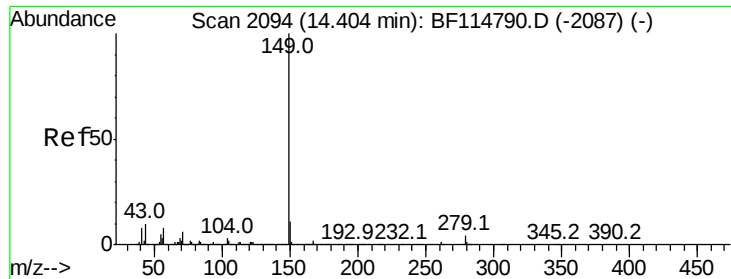
Abundance

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

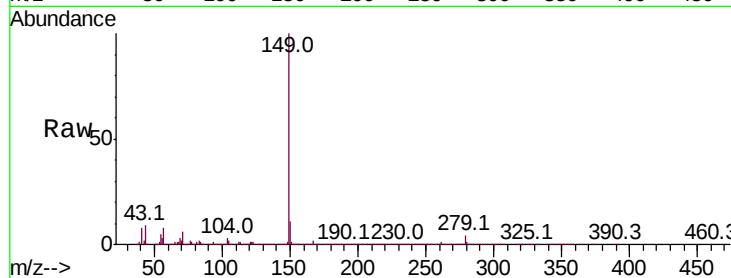




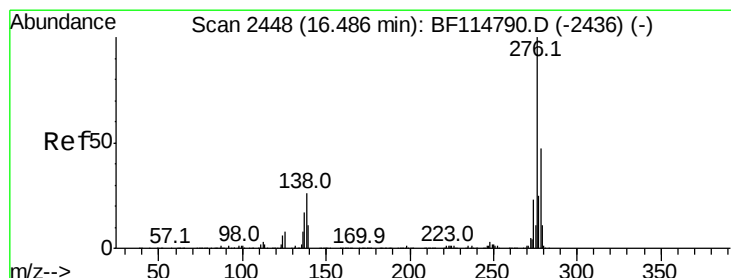
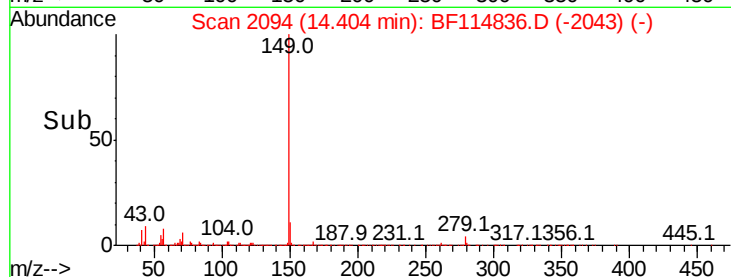
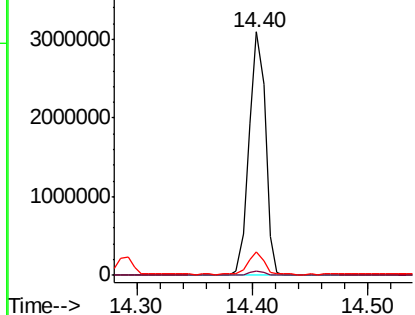
#85
Di-n-octyl phthalate
Concen: 51.377 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3027341
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.6 7.0 10.6

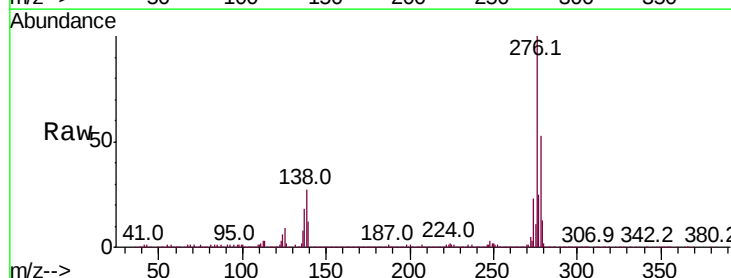


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

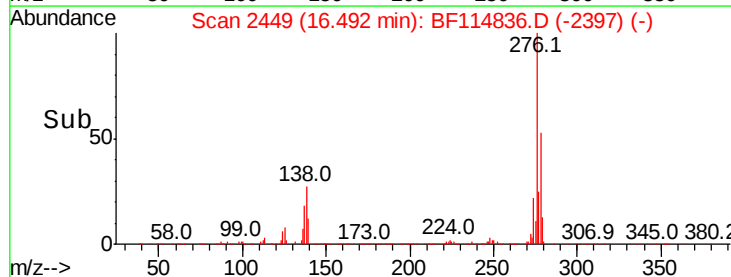
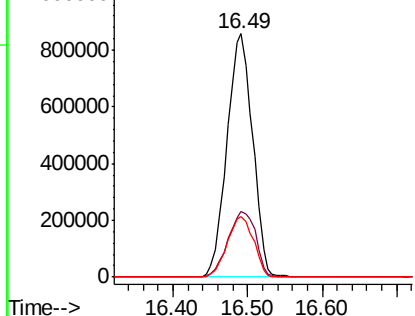


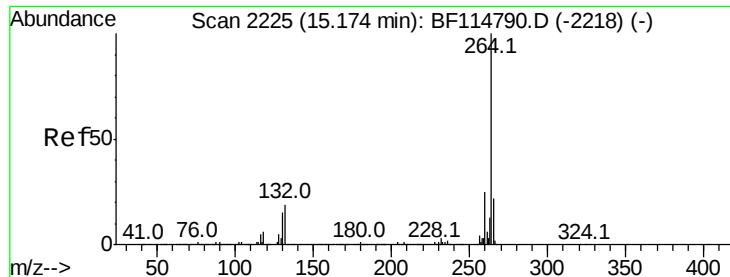
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.179 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:276 Resp: 2044368
Ion Ratio Lower Upper
276 100
138 28.8 22.2 33.4
277 25.6 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

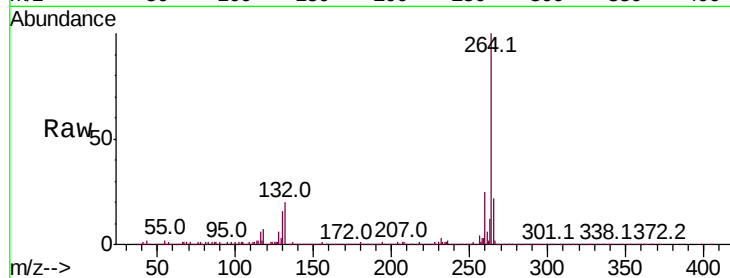




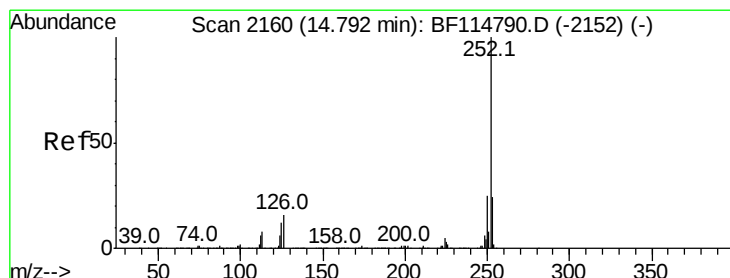
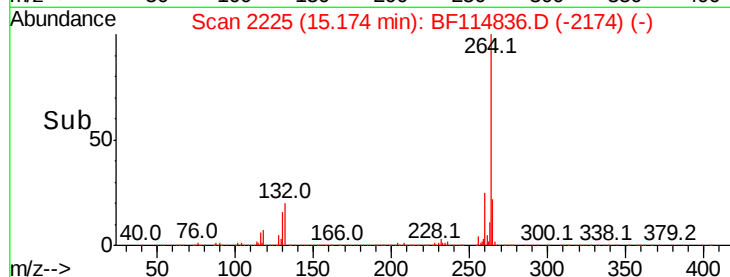
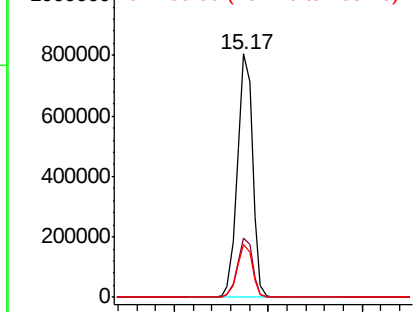
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 906230
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 21.9 17.7 26.5

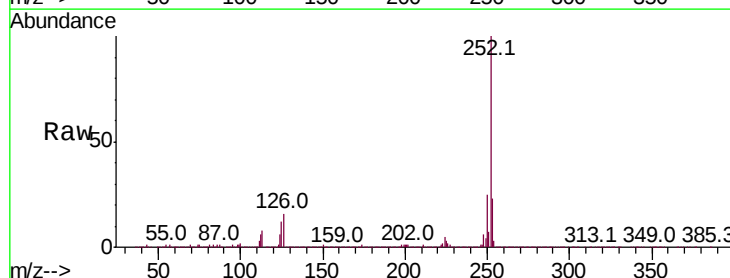


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

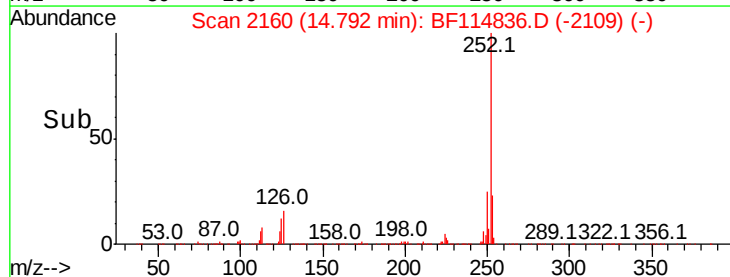
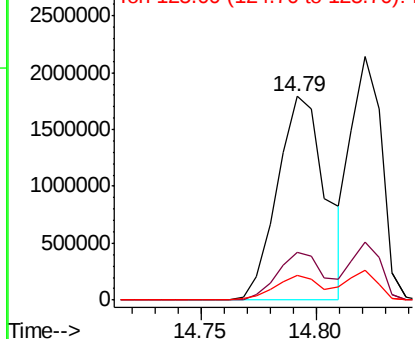


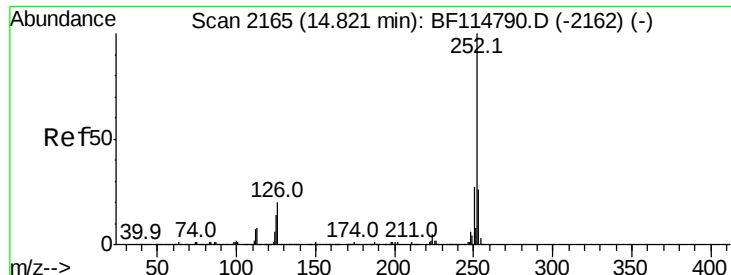
#88
Benzo(b)fluoranthene
Concen: 45.061 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:252 Resp: 2599631
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.6
125 12.2 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

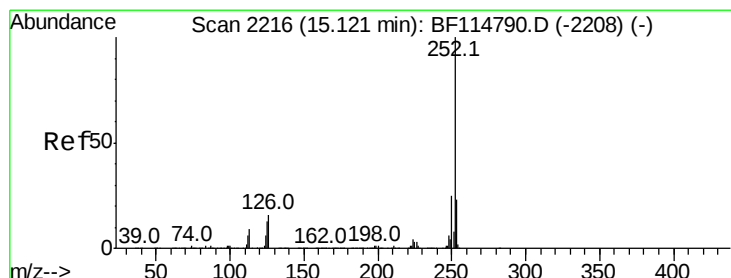
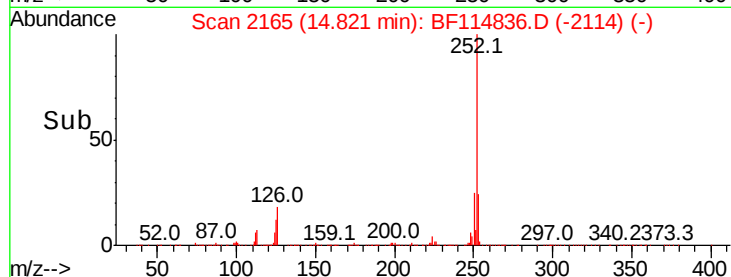
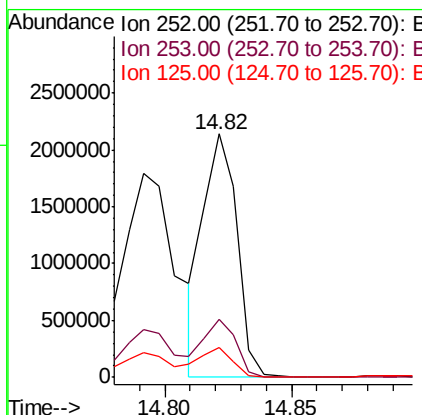
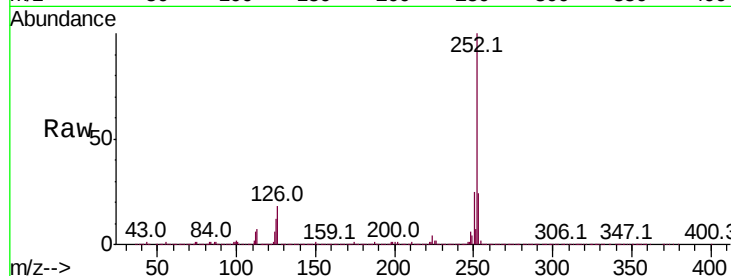




#89
Benzo(k)fluoranthene
Concen: 40.154 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

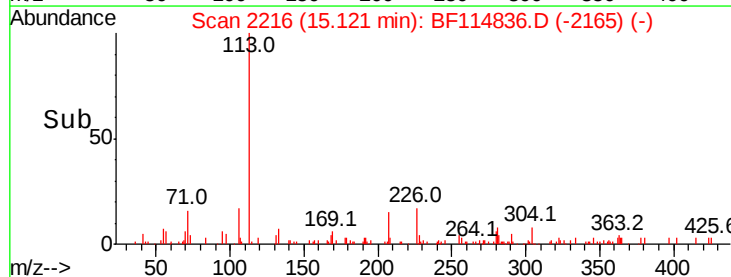
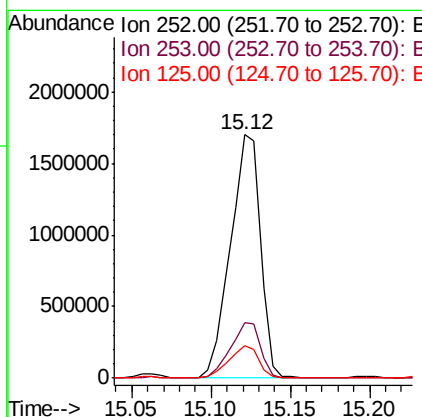
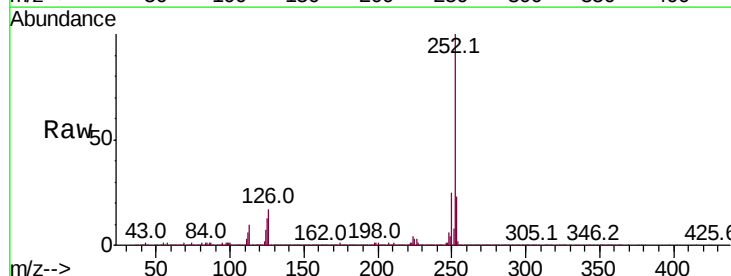
Instrument :
BNA_F
ClientSampleId :

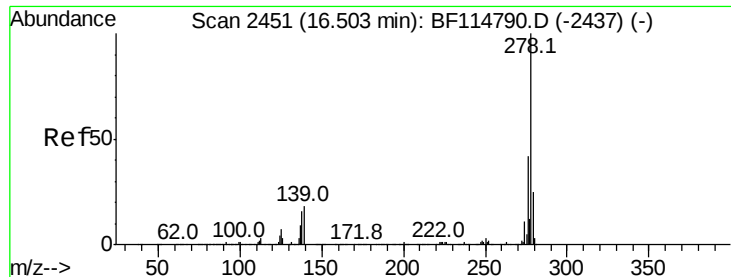
Tot Ion:252 Resp: 1967257
Ion Ratio Lower Upper
252 100
253 23.9 19.3 28.9
125 12.4 10.1 15.1



#90
Benzo(a)pyrene
Concen: 44.655 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:252 Resp: 2229847
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 13.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 36.844 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampled :

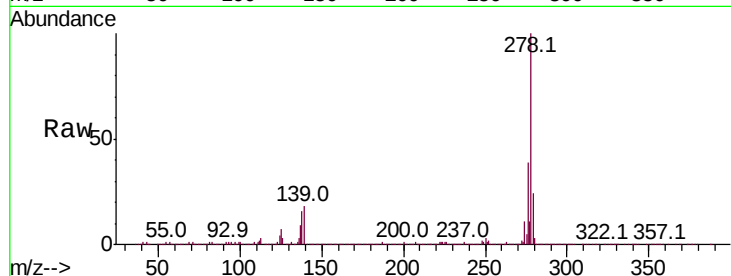
Tot Ion:278 Resp: 1742298

Ion Ratio Lower Upper

278 100

139 18.4 14.6 22.0

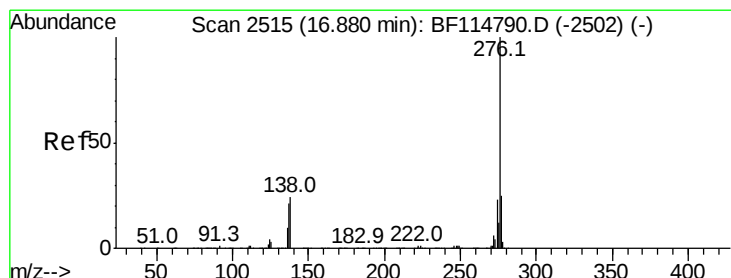
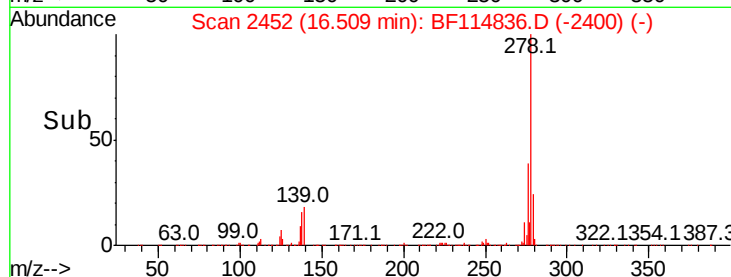
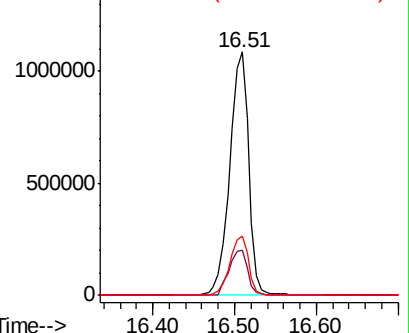
279 24.3 20.1 30.1



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: 33.311 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

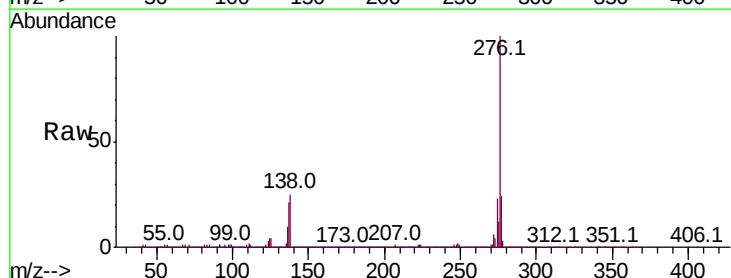
Tgt Ion:276 Resp: 1584093

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.6

138 25.4 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

