

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114837.D
 Acq On : 5 Jun 2019 23:54
 Operator : HP/JU
 Sample : K3189-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:04:09 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	355930	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1389519	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	698893	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1362999	20.00	ng	0.00
76) Chrysene-d12	13.80	240	681446	20.00	ng	0.00
87) Perylene-d12	15.17	264	953896	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2187036	107.37	ng	0.02
7) Phenol-d6	6.32	99	2728265	110.07	ng	0.01
23) Nitrobenzene-d5	7.23	82	1716773	76.06	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	808052	107.29	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2897855	77.67	ng	0.00
79) Terphenyl-d14	12.76	244	2957656	84.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	302125	31.066	ng	99
3) Pyridine	3.00	79	826995	30.941	ng	99
4) n-Nitrosodimethylamine	2.93	42	359217	36.722	ng	94
6) Aniline	6.33	93	729786	20.750	ng	# 76
8) 2-Chlorophenol	6.46	128	909833	38.658	ng	98
9) Benzaldehyde	6.21	77	278698	16.210	ng	99
10) Phenol	6.33	94	1035676	36.539	ng	88
11) bis(2-Chloroethyl)ether	6.41	93	847687	38.321	ng	98
12) 1,3-Dichlorobenzene	6.61	146	974896	35.548	ng	98
13) 1,4-Dichlorobenzene	6.69	146	982182	35.593	ng	99
14) 1,2-Dichlorobenzene	6.84	146	925709	37.144	ng	99
15) Benzyl Alcohol	6.82	79	739836	39.471	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1189463	37.597	ng	99
17) 2-Methylphenol	6.93	107	757973	37.678	ng	99
18) Hexachloroethane	7.19	117	351187	33.812	ng	94
19) n-Nitroso-di-n-propylamine	7.09	70	598960	36.506	ng	98
20) 3+4-Methylphenols	7.09	107	861635	38.832	ng	98
22) Acetophenone	7.08	105	1210716	39.576	ng	# 98
24) Nitrobenzene	7.25	77	915502	39.150	ng	100
25) Isophorone	7.49	82	1736575	38.915	ng	97
26) 2-Nitrophenol	7.57	139	527088	41.617	ng	97
27) 2,4-Dimethylphenol	7.62	122	841373	43.708	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1101433	38.612	ng	99
29) 2,4-Dichlorophenol	7.81	162	812366	40.112	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	864858	37.217	ng	98
31) Naphthalene	7.97	128	2519161	40.270	ng	99
32) Benzoic acid	7.73	122	434396	30.983	ng	95
33) 4-Chloroaniline	8.02	127	359590	12.049	ng	98
34) Hexachlorobutadiene	8.10	225	471453	35.685	ng	99
35) Caprolactam	8.39	113	188829	28.542	ng	93
36) 4-Chloro-3-methylphenol	8.51	107	833258	41.347	ng	99
37) 2-Methylnaphthalene	8.66	142	1764799	40.673	ng	99
38) 1-Methylnaphthalene	8.76	142	1672924	40.656	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	774424	38.450	ng	100

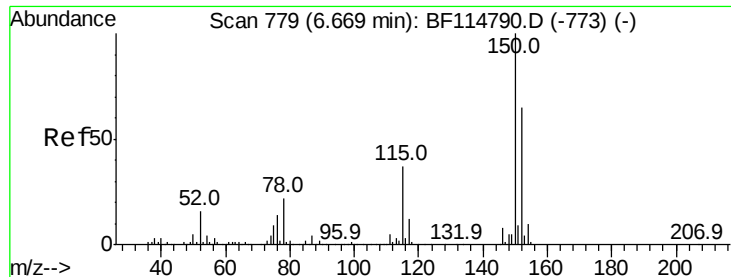
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	584385	47.840	ng	98
43) 2,4,6-Trichlorophenol	8.94	196	604906	38.624	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	638924	40.509	ng	97
46) 1,1'-Biphenyl	9.13	154	2045880	39.497	ng	99
47) 2-Chloronaphthalene	9.15	162	1679968	38.169	ng	98
48) 2-Nitroaniline	9.24	65	498749	37.971	ng	100
49) Acenaphthylene	9.56	152	2565257	40.190	ng	98
50) Dimethylphthalate	9.43	163	2536334	49.689	ng	99
51) 2,6-Dinitrotoluene	9.49	165	484245	40.339	ng	95
52) Acenaphthene	9.73	154	1690215	40.424	ng	100
53) 3-Nitroaniline	9.65	138	367152	26.181	ng	98
54) 2,4-Dinitrophenol	9.76	184	323246	59.506	ng	98
55) Dibenzofuran	9.90	168	2251185	38.719	ng	100
56) 4-Nitrophenol	9.82	139	808498	78.679	ng	96
57) 2,4-Dinitrotoluene	9.89	165	645421	42.768	ng	90
58) Fluorene	10.25	166	1600857	42.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	532769	41.229	ng	100
60) Diethylphthalate	10.13	149	2073771	40.487	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	812430	36.483	ng	98
62) 4-Nitroaniline	10.26	138	460768	33.876	ng	95
63) Azobenzene	10.40	77	1796827	41.212	ng	97
65) 4,6-Dinitro-2-methylphenol	10.29	198	230658	32.578	ng	92
66) n-Nitrosodiphenylamine	10.36	169	1647098	39.964	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	575816	37.197	ng	93
68) Hexachlorobenzene	10.79	284	606236	35.783	ng	95
69) Atrazine	10.89	200	547611	38.204	ng	98
70) Pentachlorophenol	10.99	266	690312	70.483	ng	98
71) Phenanthrene	11.20	178	2595384	39.887	ng	100
72) Anthracene	11.25	178	2599905	37.967	ng	98
73) Carbazole	11.40	167	2353484	40.092	ng	97
74) Di-n-butylphthalate	11.75	149	3093237	40.063	ng	100
75) Fluoranthene	12.37	202	2540479	37.513	ng	97
77) Benzidine	12.50	184	930104	27.571	ng	96
78) Pyrene	12.60	202	2486655	42.064	ng	99
80) Butylbenzylphthalate	13.23	149	1361156	45.596	ng	97
81) Benzo(a)anthracene	13.79	228	2009528	38.268	ng	98
82) 3,3'-Dichlorobenzidine	13.75	252	733563	34.451	ng	100
83) Chrysene	13.82	228	2032804	39.793	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2113276	55.983	ng	100
85) Di-n-octyl phthalate	14.40	149	2894919	45.134	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1903141	32.652	ng	99
88) Benzo(b)fluoranthene	14.79	252	2163466	35.626	ng	99
89) Benzo(k)fluoranthene	14.82	252	2054520	39.839	ng	98
90) Benzo(a)pyrene	15.12	252	2046052	38.927	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1638369	32.915	ng	99
92) Benzo(g,h,i)perylene	16.88	276	1473819	29.444	ng	98

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

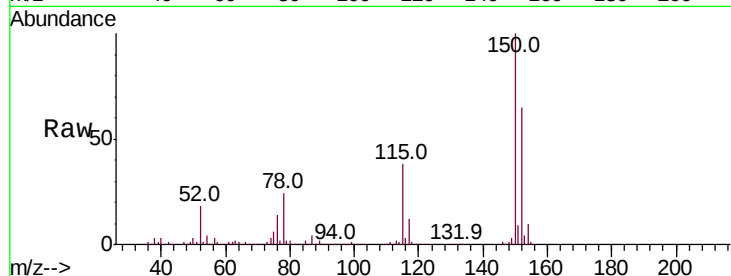


#1

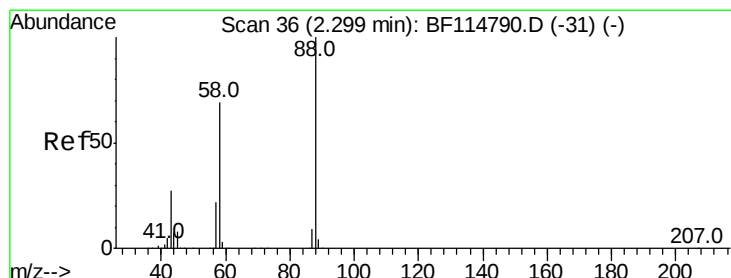
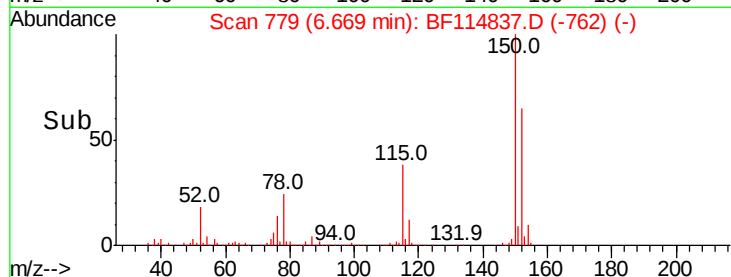
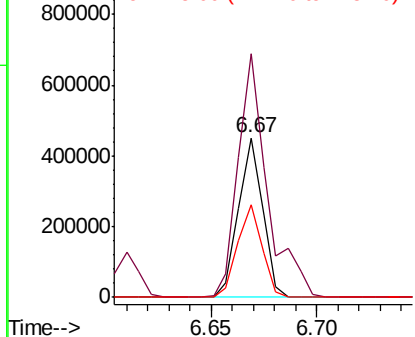
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 355930
Ion Ratio Lower Upper
152 100
150 152.8 124.0 186.0
115 58.5 46.3 69.5



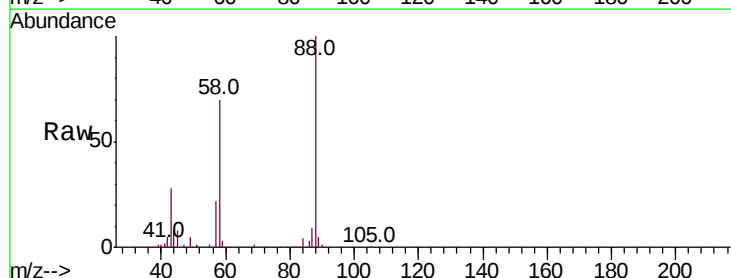
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



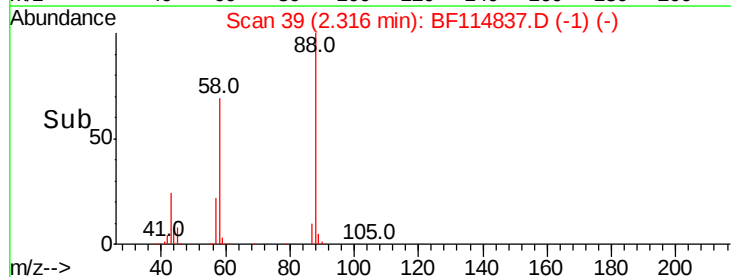
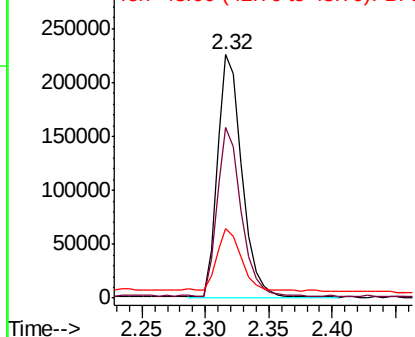
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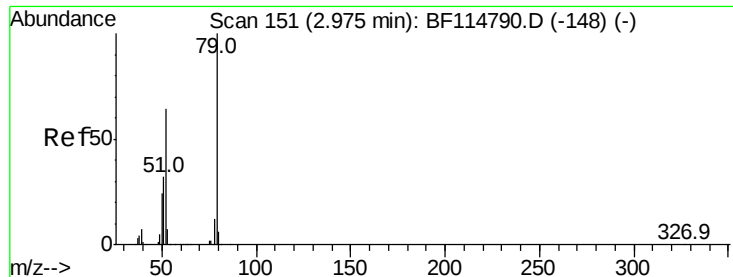
1,4-Dioxane
Concen: 31.066 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion: 88 Resp: 302125
Ion Ratio Lower Upper
88 100
58 68.1 53.8 80.8
43 26.4 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: 30.941 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

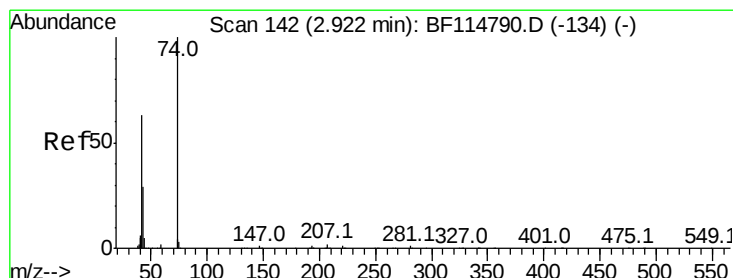
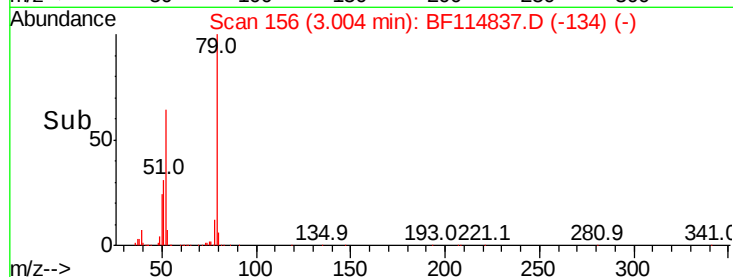
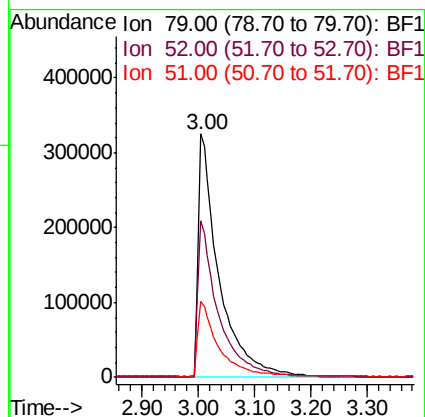
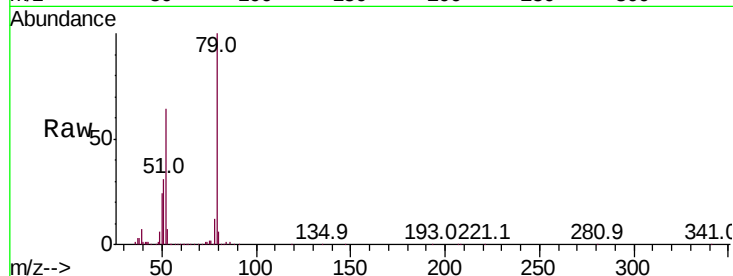
Tot Ion: 79 Resp: 826995

Ion Ratio Lower Upper

79 100

52 64.2 51.0 76.4

51 31.2 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 36.722 ng

RT: 2.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

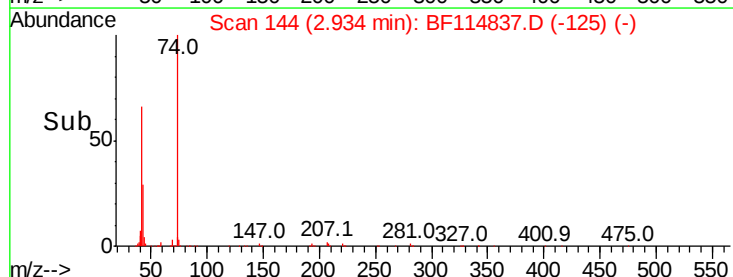
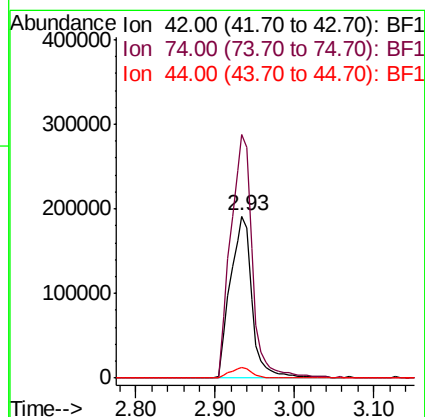
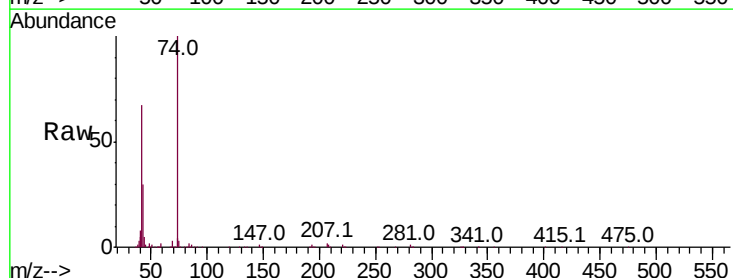
Tgt Ion: 42 Resp: 359217

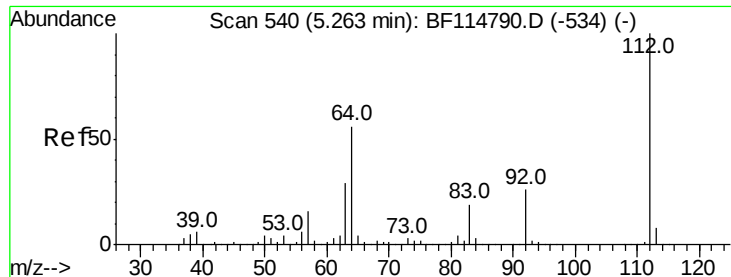
Ion Ratio Lower Upper

42 100

74 150.2 126.2 189.2

44 6.8 5.9 8.9





#5

2-Fluorophenol

Concen: 107.367 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampled :

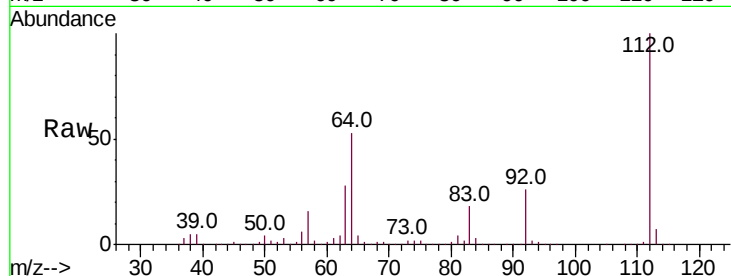
Tot Ion:112 Resp: 2187036

Ion Ratio Lower Upper

112 100

64 53.3 44.6 66.8

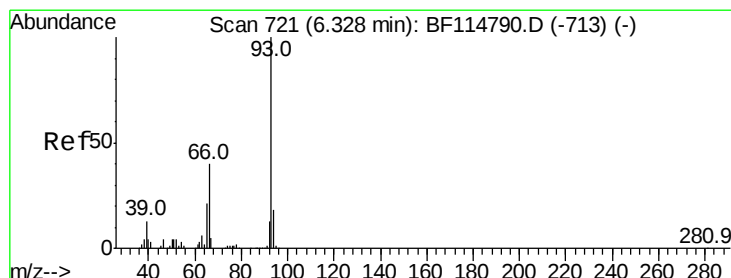
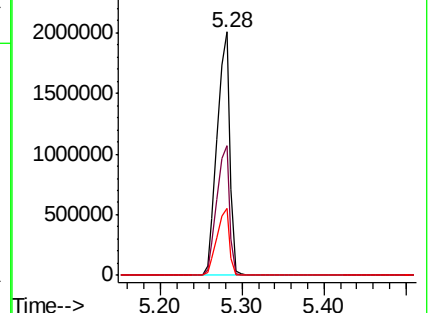
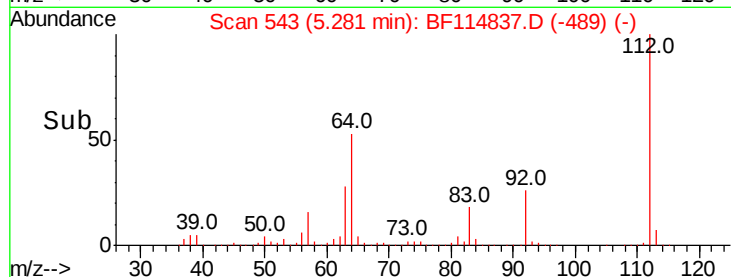
63 27.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.750 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

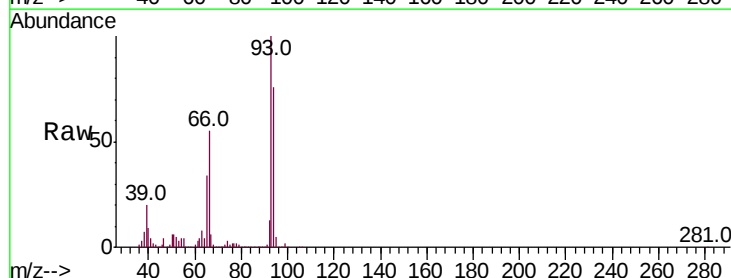
Tgt Ion: 93 Resp: 729786

Ion Ratio Lower Upper

93 100

66 55.4 32.8 49.2#

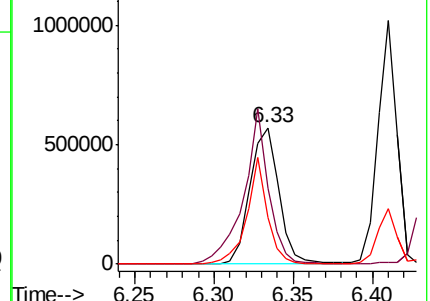
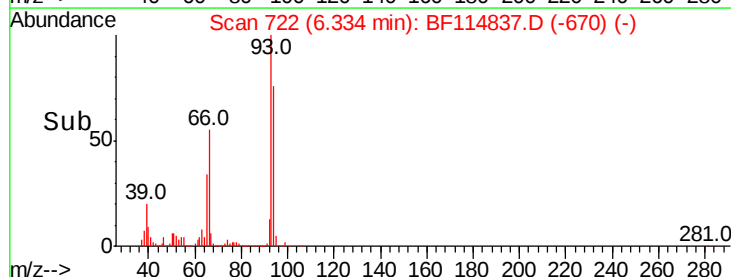
65 33.7 16.9 25.3#

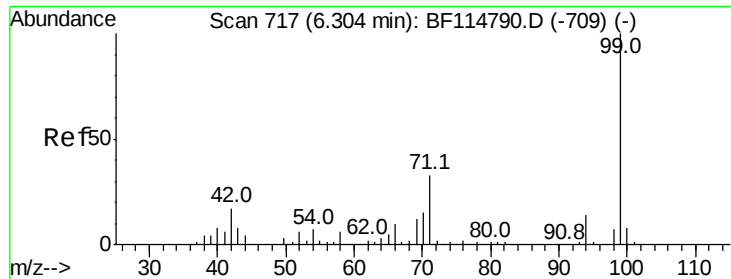


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.073 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

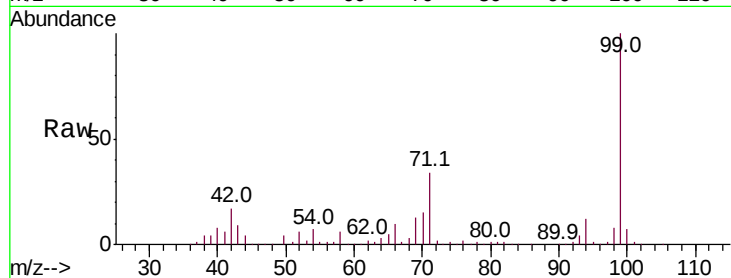
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2728265

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.3	19.9
71	33.9	26.3	39.5

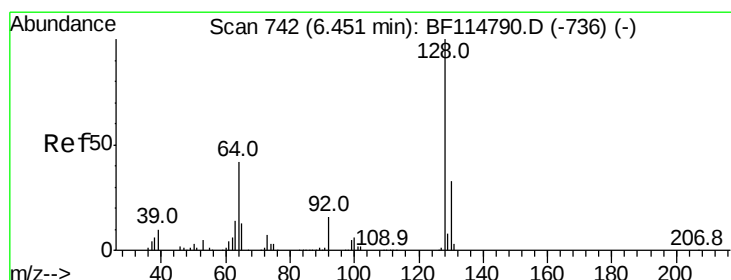
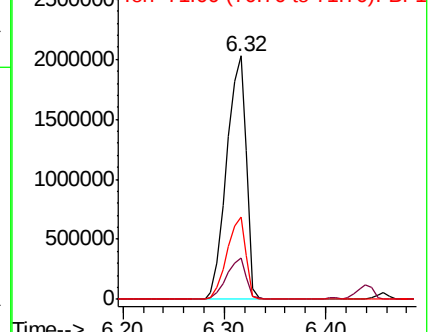
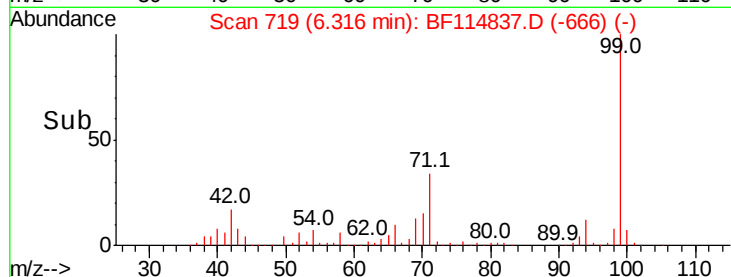


Abundance

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: 38.658 ng

RT: 6.46 min Scan# 743

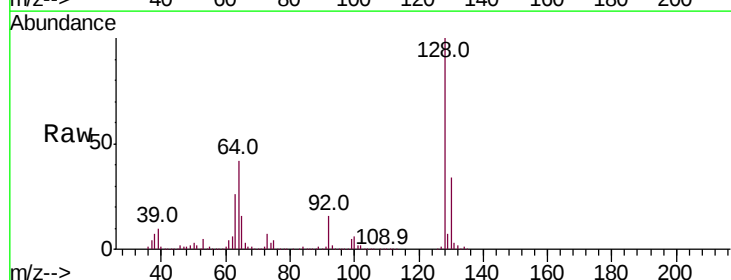
Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Tgt Ion:128 Resp: 909833

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.7	52.7
64	41.6	22.5	62.5

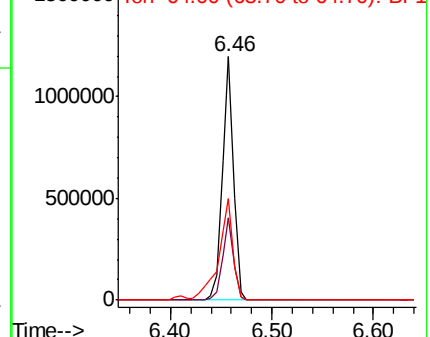
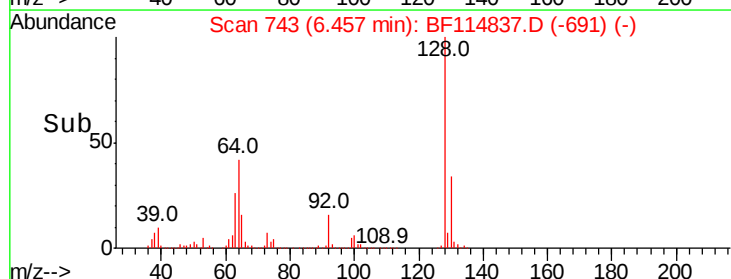


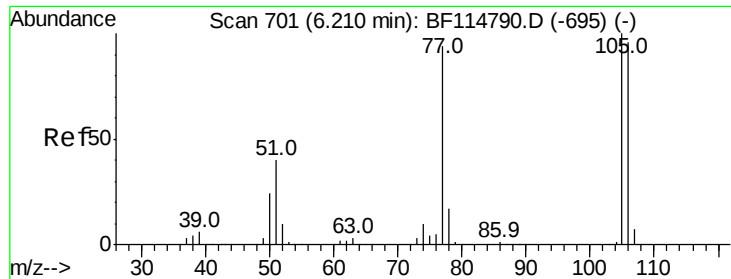
Abundance

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: 16.210 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

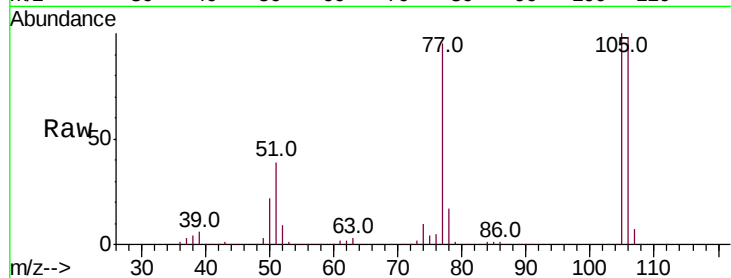
Tot Ion: 77 Resp: 278698

Ion Ratio Lower Upper

77 100

105 104.9 85.8 125.8

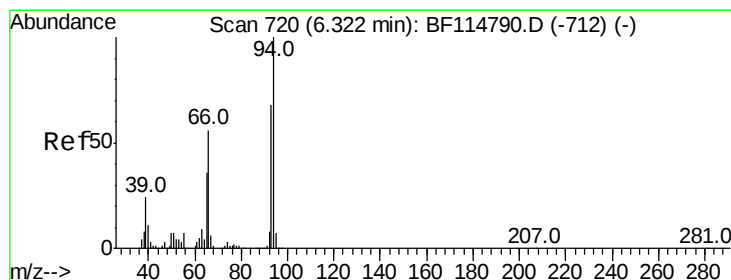
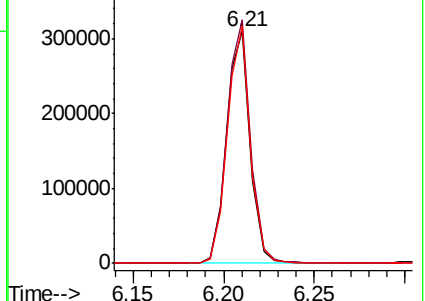
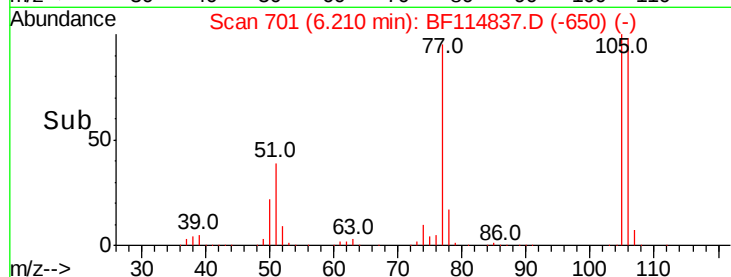
106 102.5 81.6 121.6



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: 36.539 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

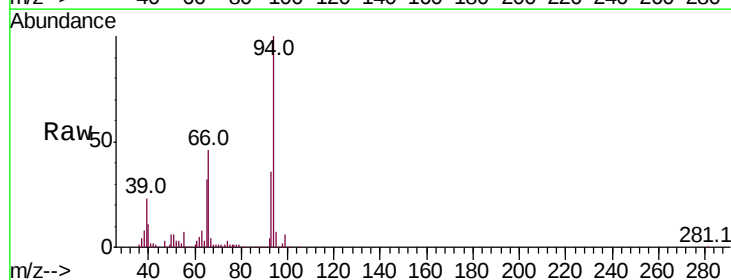
Tgt Ion: 94 Resp: 1035676

Ion Ratio Lower Upper

94 100

65 31.5 16.1 56.1

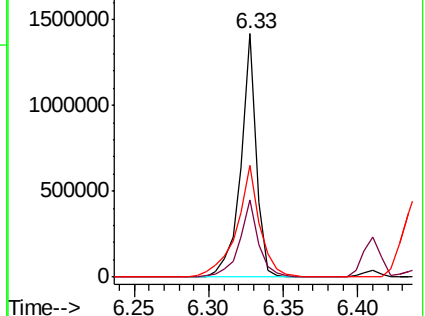
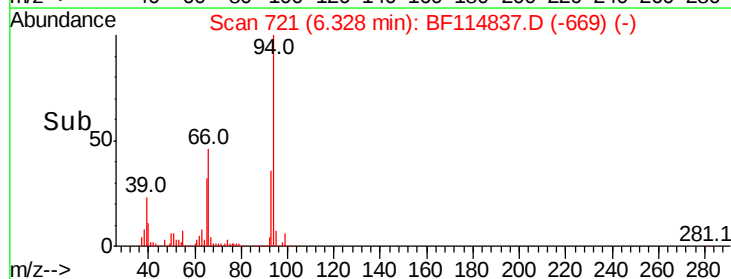
66 45.9 36.3 76.3

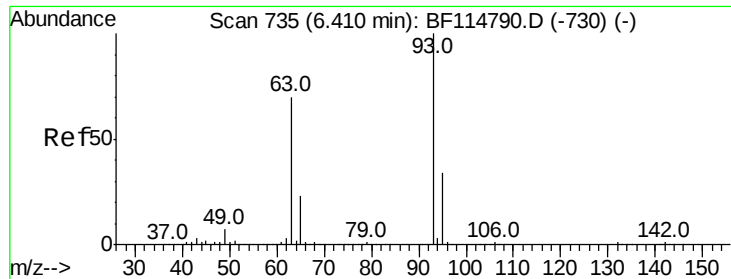


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

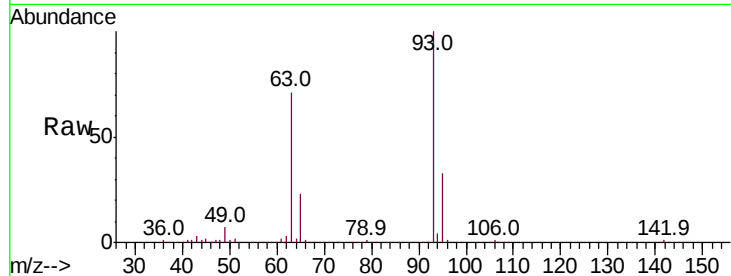




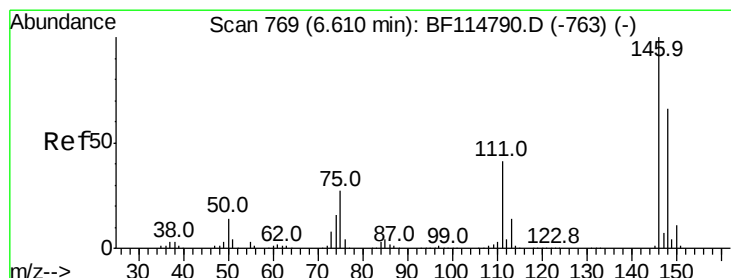
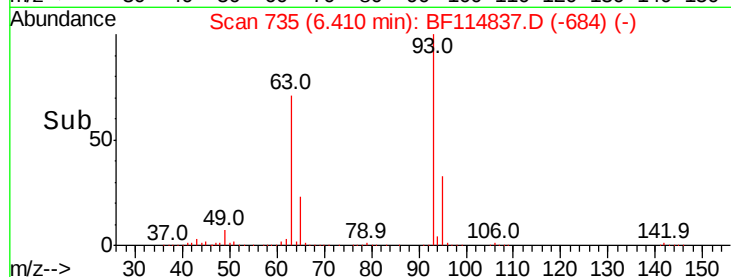
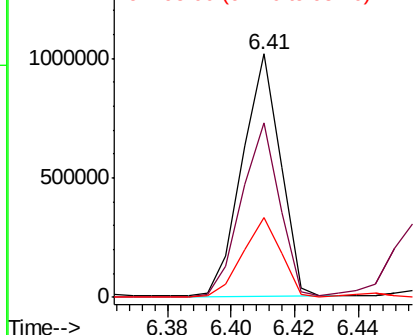
#11
bis(2-Chloroethyl)ether
Concen: 38.321 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	49.6	89.6
95	32.5	13.6	53.6

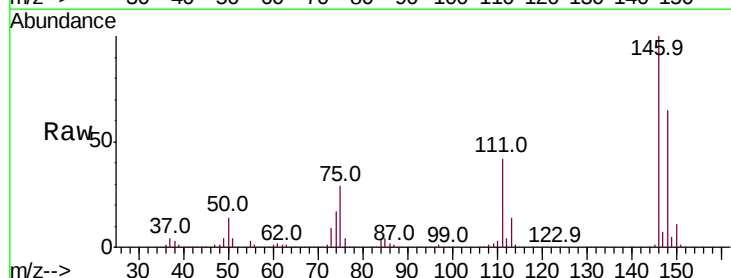


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

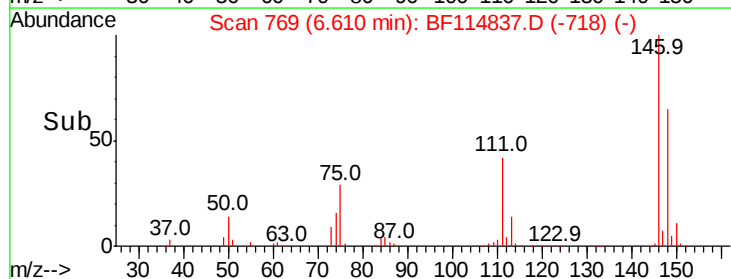
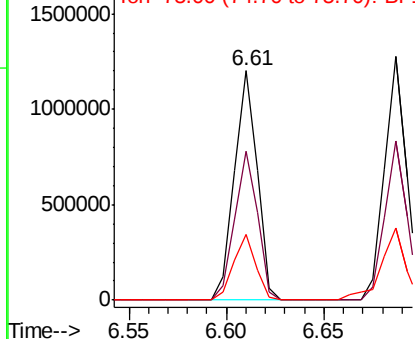


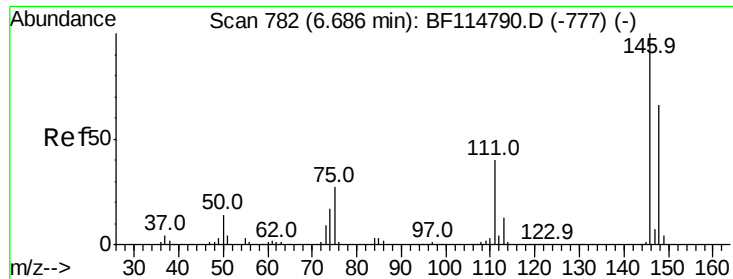
#12
1,3-Dichlorobenzene
Concen: 35.548 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.7	79.1
75	28.9	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

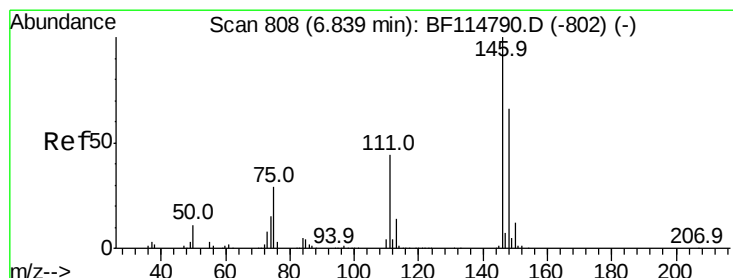
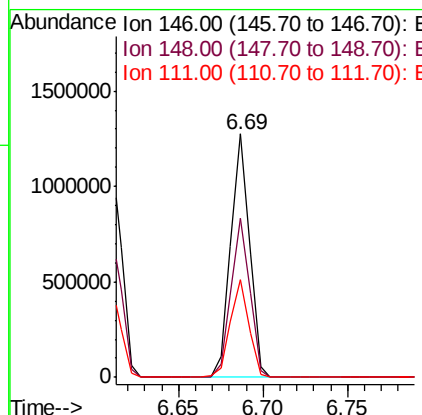
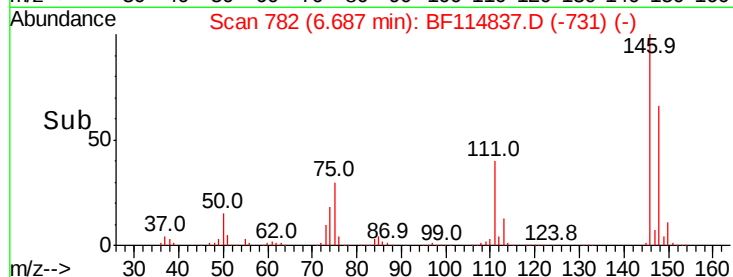
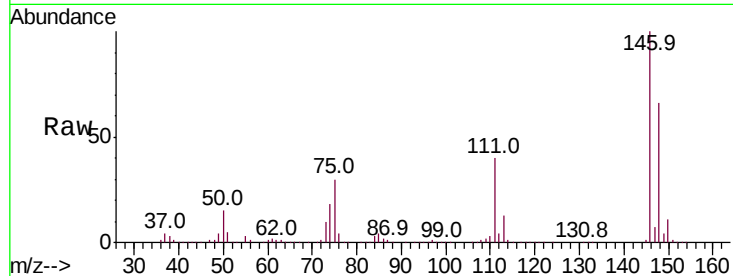




#13
 1,4-Dichlorobenzene
 Concen: 35.593 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

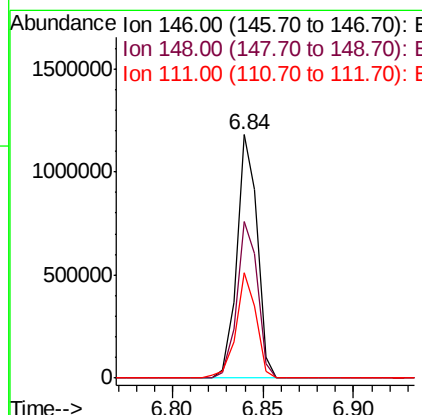
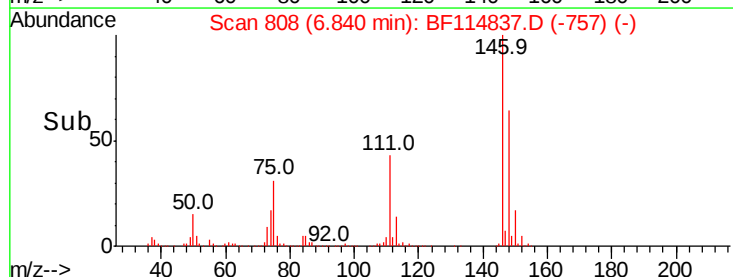
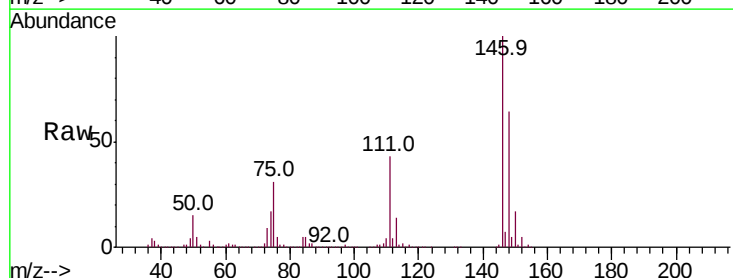
Instrument :
 BNA_F
 ClientSampleId :

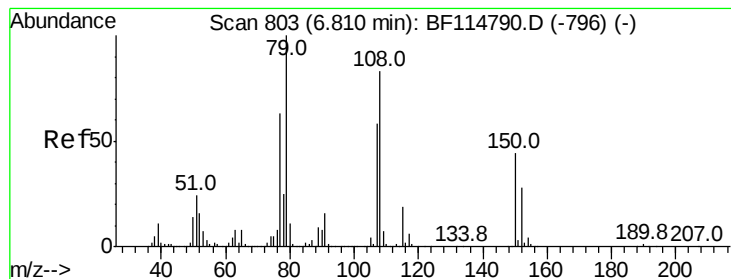
Tot Ion:146 Resp: 982182
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.0 79.4
 111 40.1 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 37.144 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion:146 Resp: 925709
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.5 78.7
 111 43.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 39.471 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

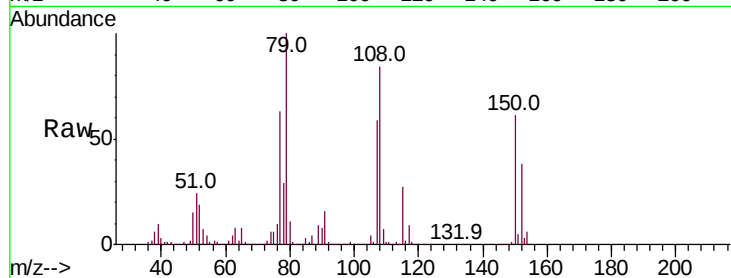
Tot Ion: 79 Resp: 739836

Ion Ratio Lower Upper

79 100

108 83.9 66.8 100.2

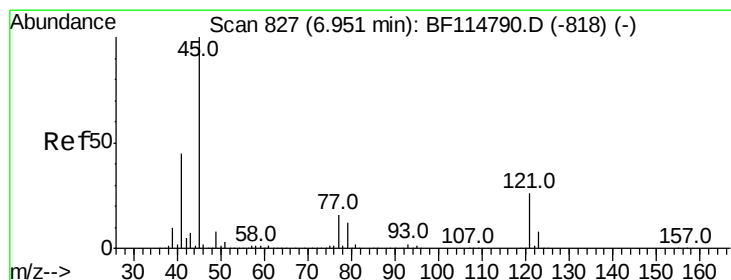
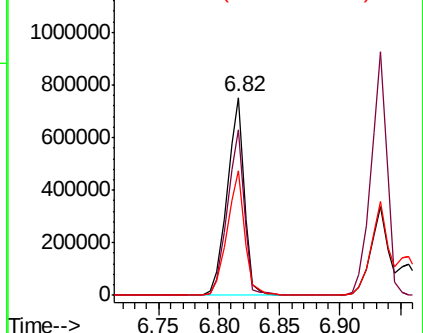
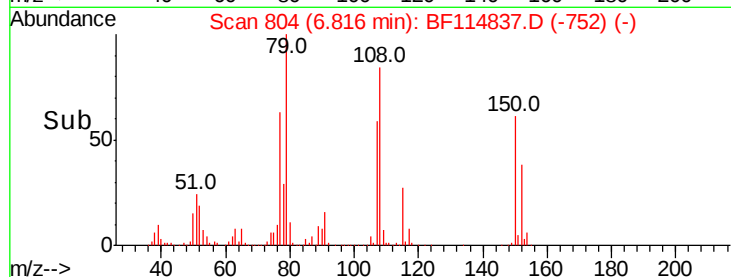
77 62.8 50.6 76.0



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: 37.597 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

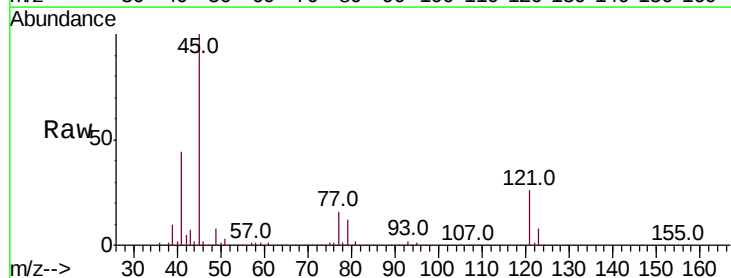
Tgt Ion: 45 Resp: 1189463

Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.8

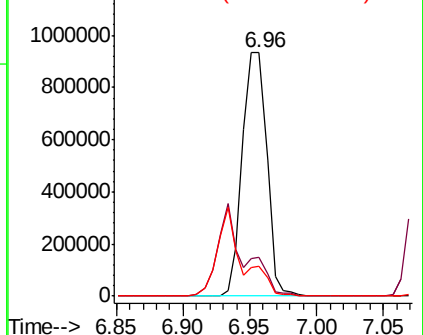
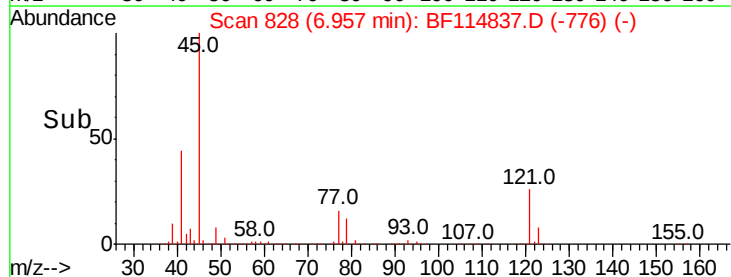
79 12.5 0.0 32.0

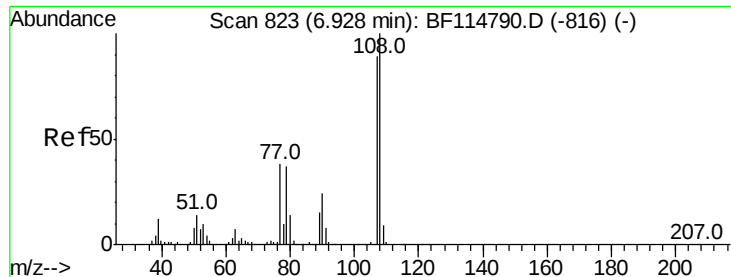


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

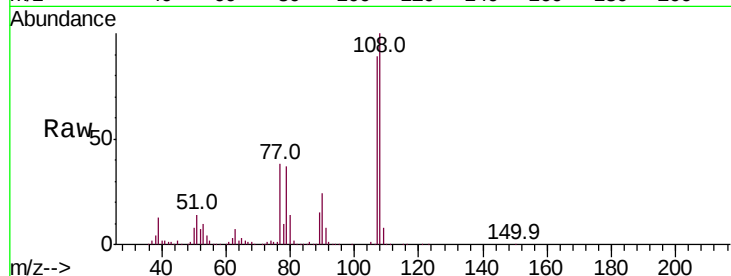




#17
2-Methylphenol
Concen: 37.678 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.2
77	43.0	34.5	51.7
79	41.0	33.8	50.6



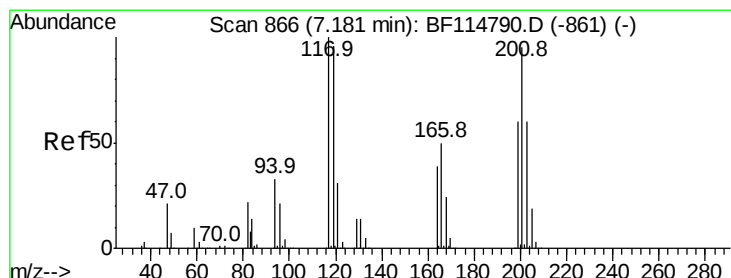
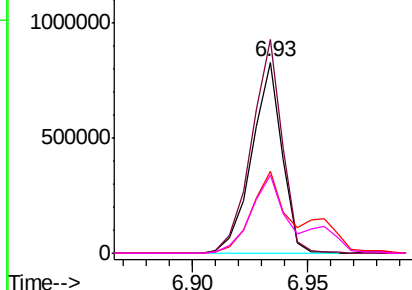
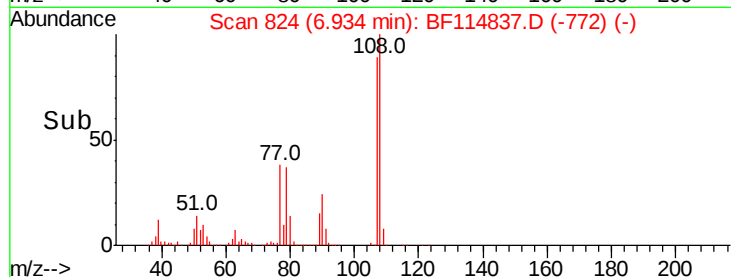
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

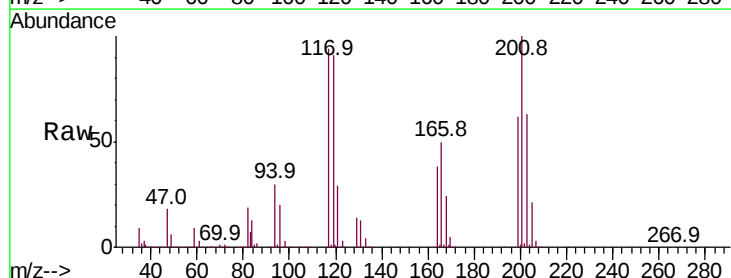
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.812 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.4
201	106.2	76.0	114.0

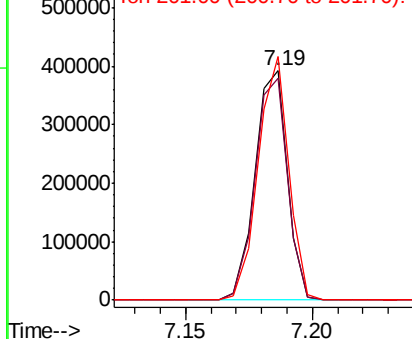
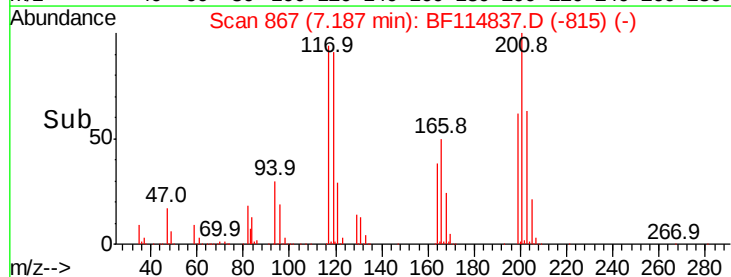


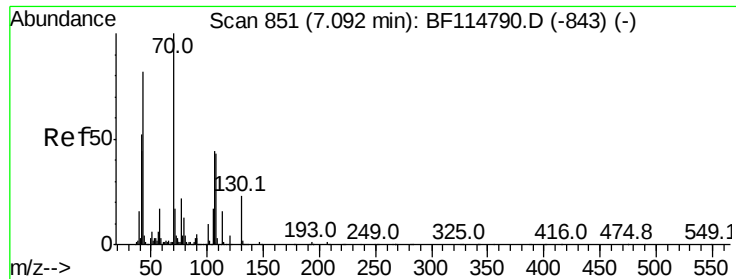
Abundance

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

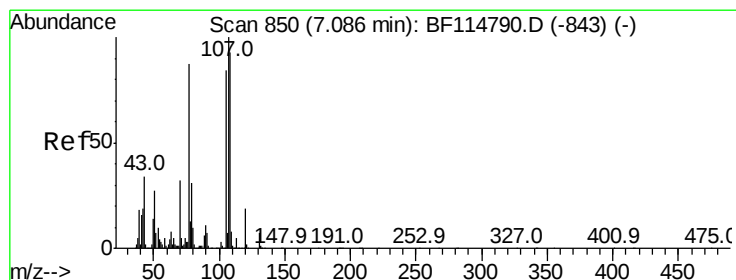
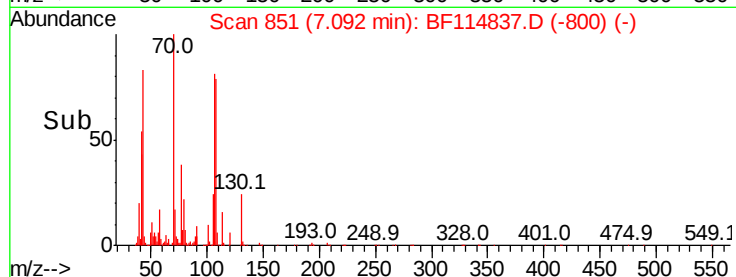
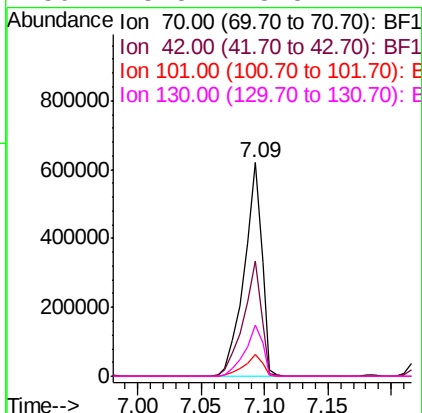
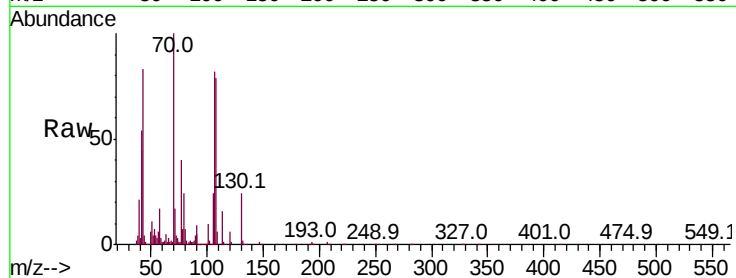




#19
n-Nitroso-di-n-propylamine
Concen: 36.506 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

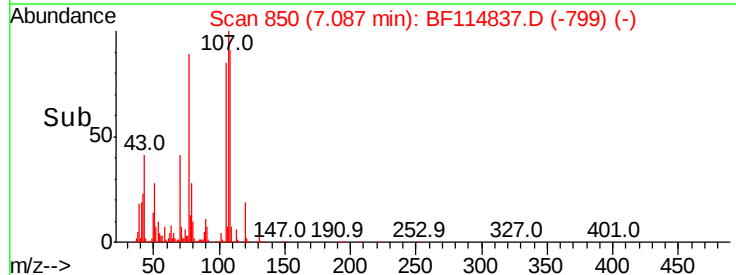
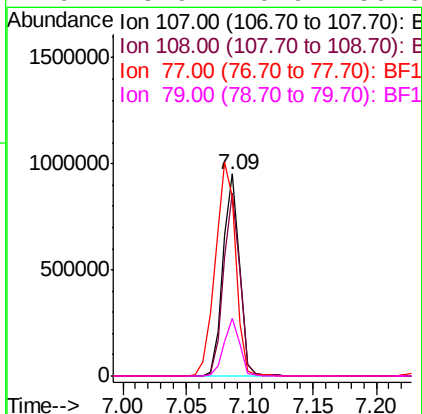
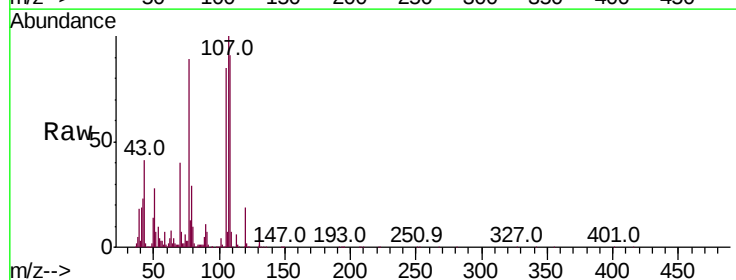
Instrument :
BNA_F
ClientSampleId :

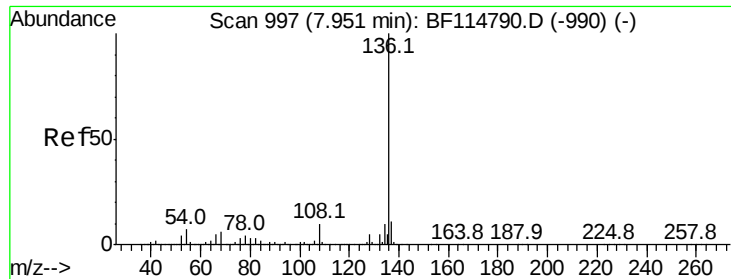
Tot Ion:	70	Resp:	598960
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.8	62.8
101	10.5	8.2	12.4
130	23.8	18.5	27.7



#20
3+4-Methylphenols
Concen: 38.832 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:	107	Resp:	861635
Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.5	113.5
77	89.0	67.2	107.2
79	28.6	10.6	50.6

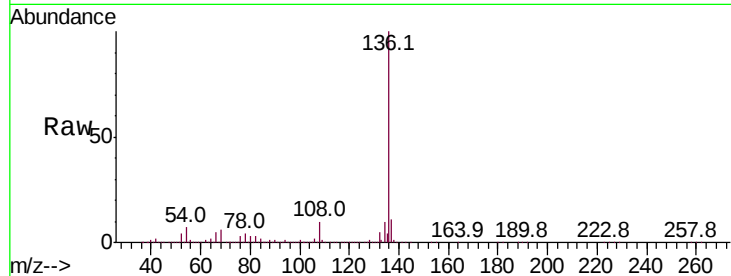




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1389519
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.0	5.4	8.0
68	6.2	4.6	6.8



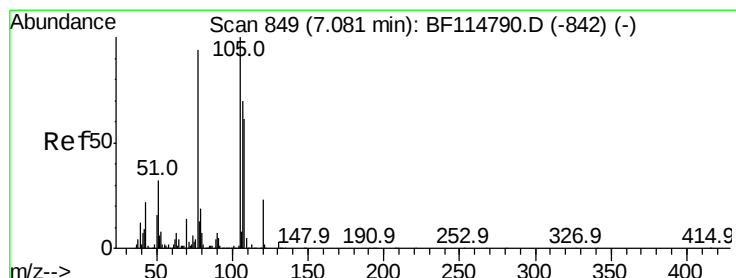
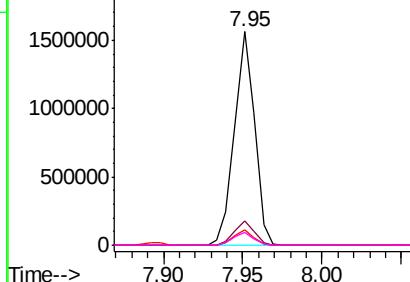
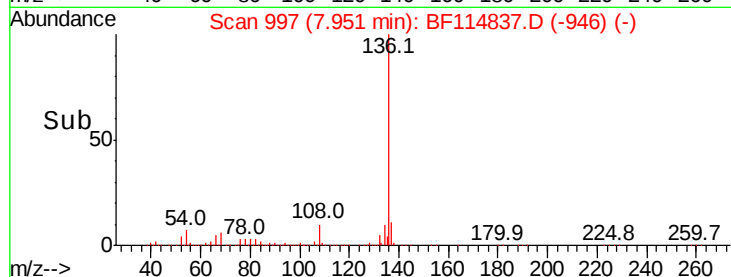
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

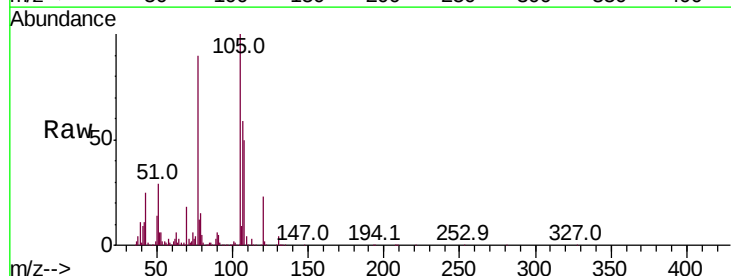
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.576 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:	105	Resp:	1210716
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.0	3.0#
51	29.4	25.4	38.0
120	23.5	18.7	28.1



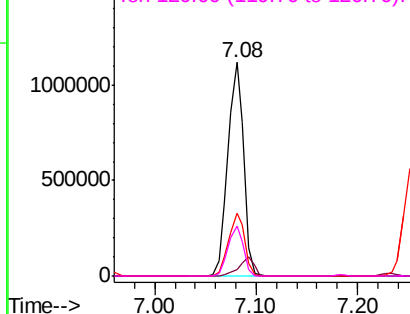
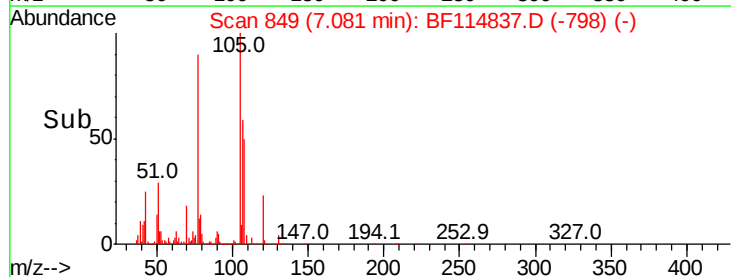
Abundance

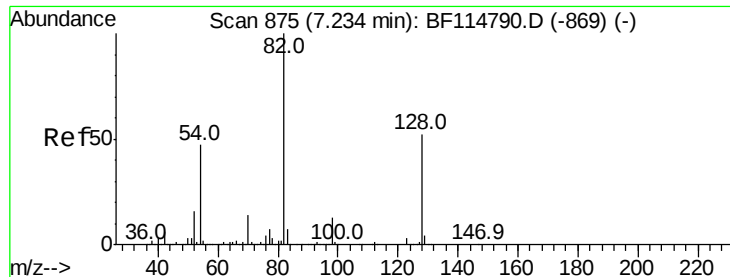
Ion 105.00 (104.70 to 105.70): E

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

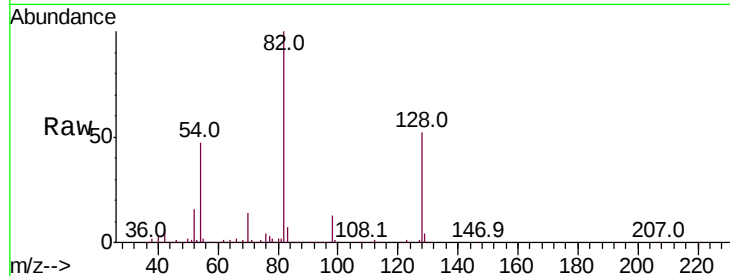




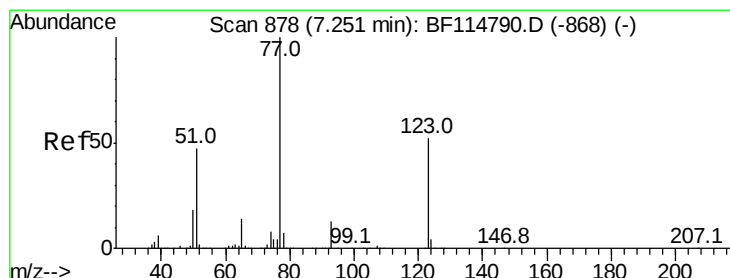
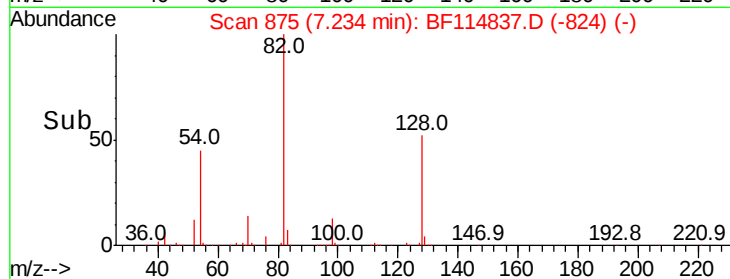
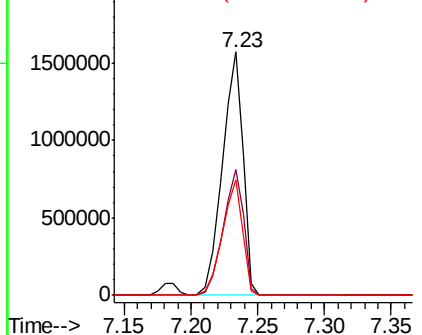
#23
 Nitrobenzene-d5
 Concen: 76.056 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1716773
 Ion Ratio Lower Upper
 82 100
 128 51.7 41.8 62.6
 54 47.4 37.9 56.9

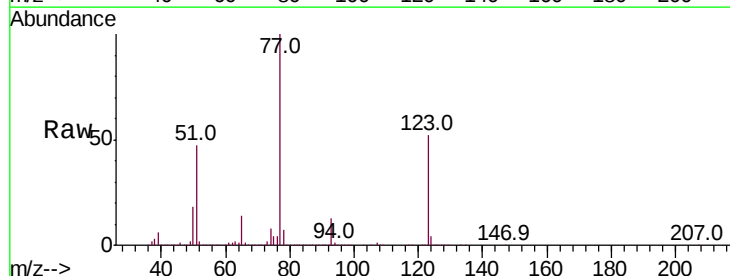


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

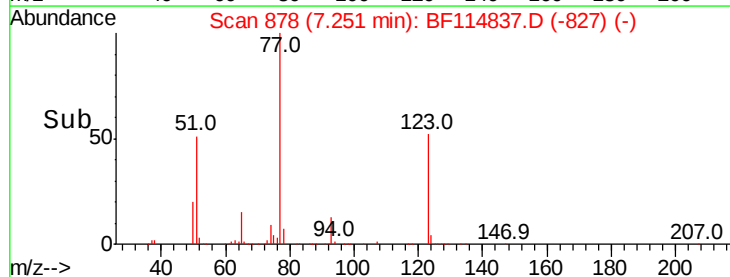
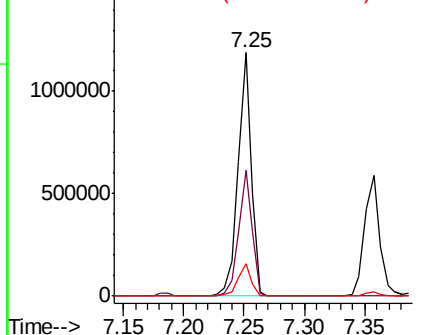


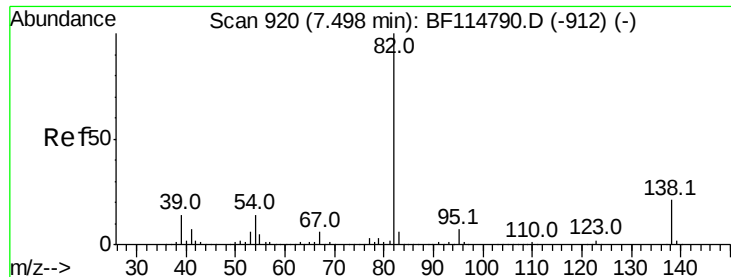
#24
 Nitrobenzene
 Concen: 39.150 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion: 77 Resp: 915502
 Ion Ratio Lower Upper
 77 100
 123 52.0 41.5 62.3
 65 13.5 10.8 16.2



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





#25

Isophorone

Concen: 38.915 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

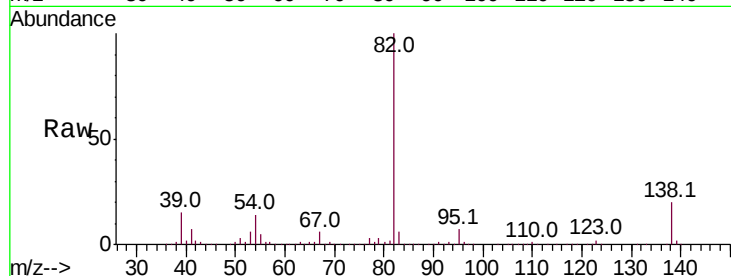
Tot Ion: 82 Resp: 1736575

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.8

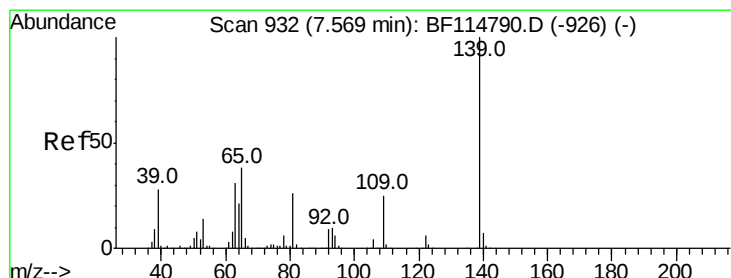
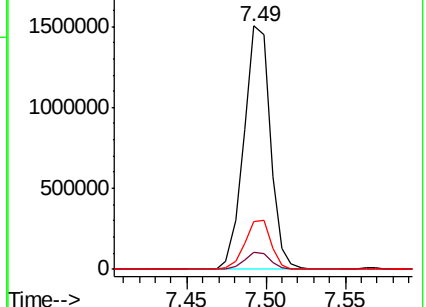
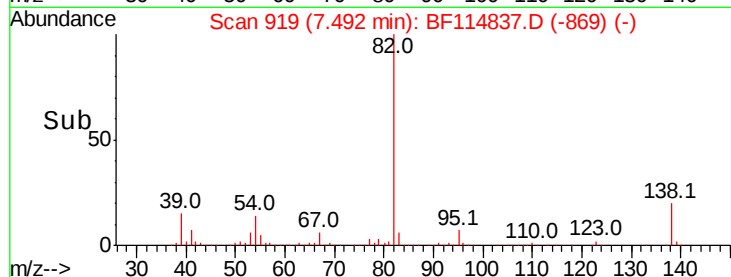
138 19.6 16.9 25.3



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: 41.617 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

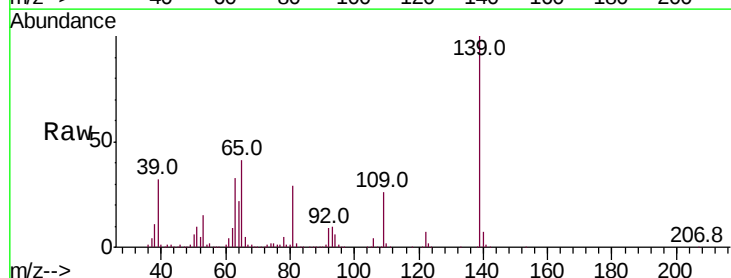
Tgt Ion:139 Resp: 527088

Ion Ratio Lower Upper

139 100

109 26.1 20.4 30.6

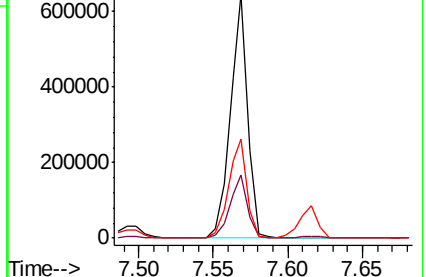
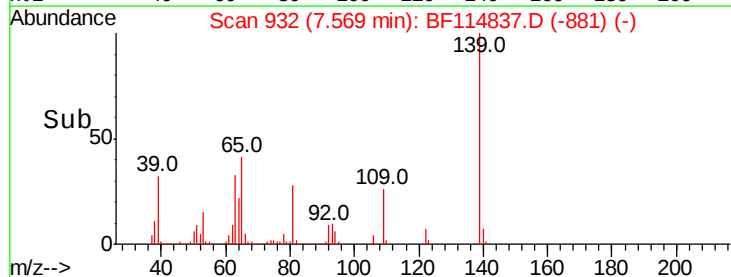
65 40.8 30.5 45.7

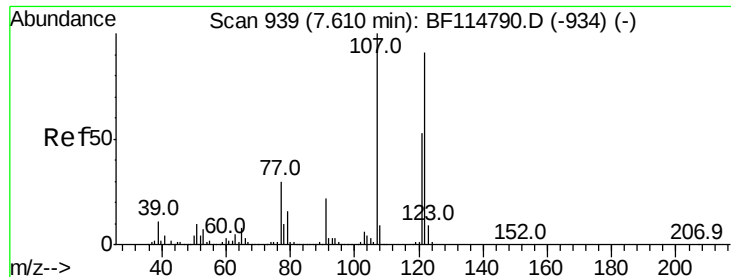


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

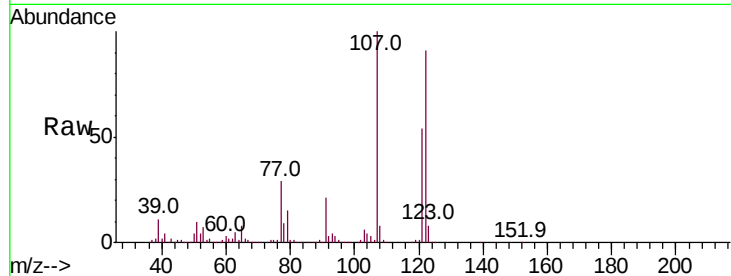




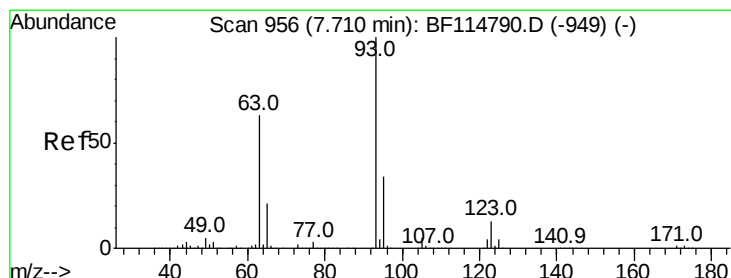
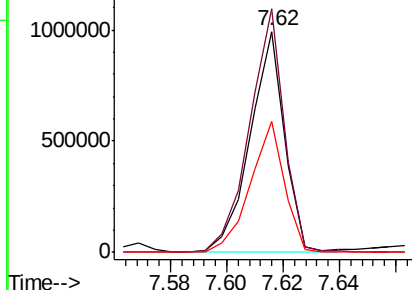
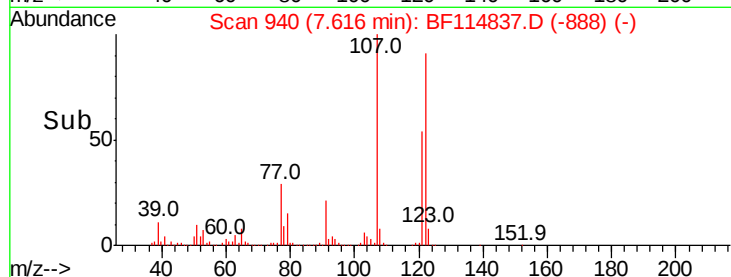
#27
 2,4-Dimethylphenol
 Concen: 43.708 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	87.9	131.9
121	59.2	46.4	69.6

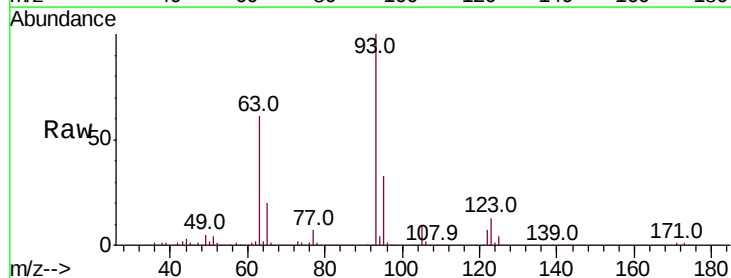


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

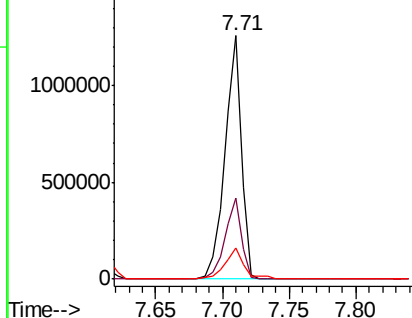
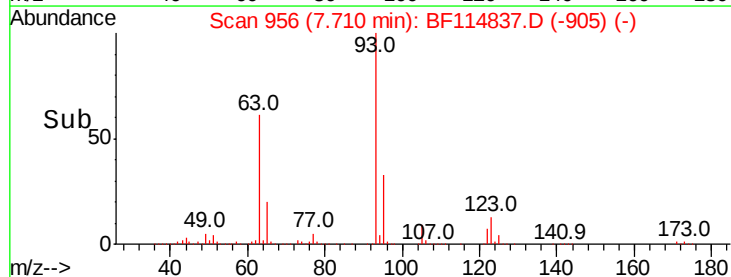


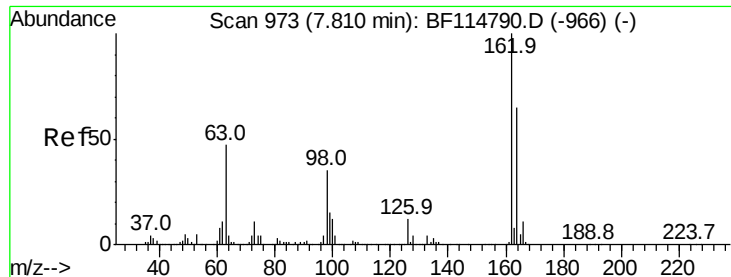
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.612 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.9	40.3
123	12.7	10.4	15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

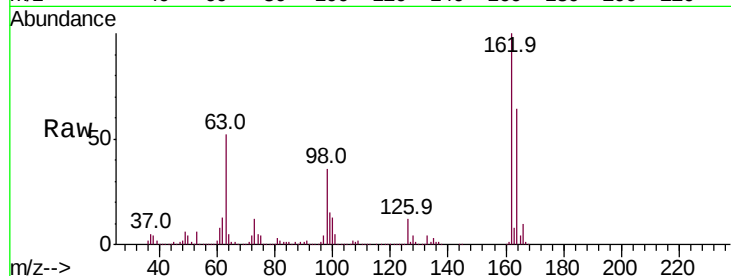




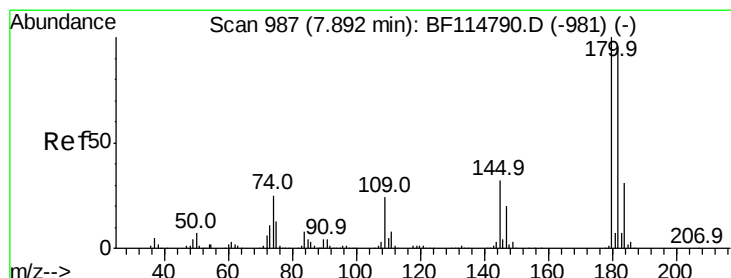
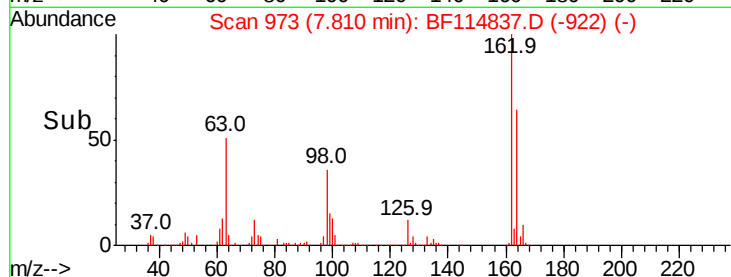
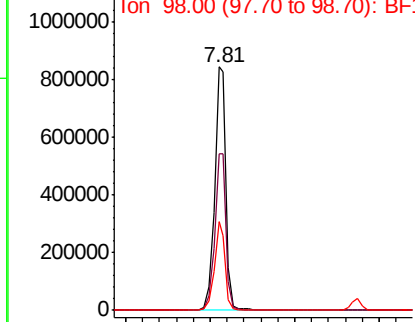
#29
2,4-Dichlorophenol
Concen: 40.112 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 812366
Ion Ratio Lower Upper
162 100
164 64.3 45.1 85.1
98 36.3 14.6 54.6

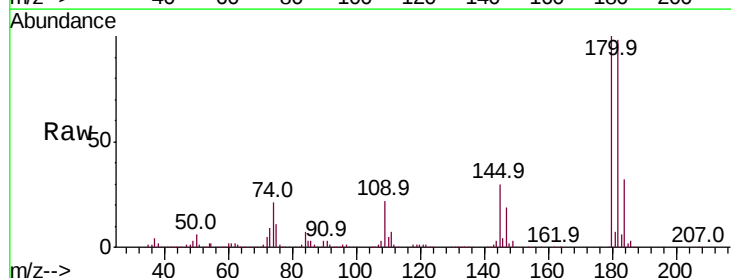


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

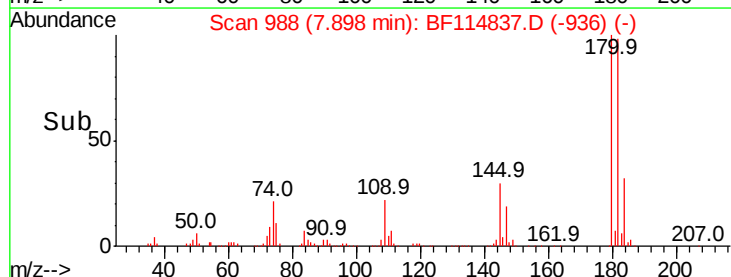
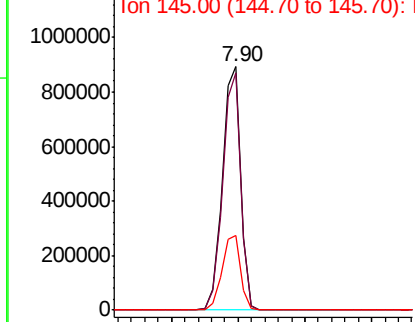


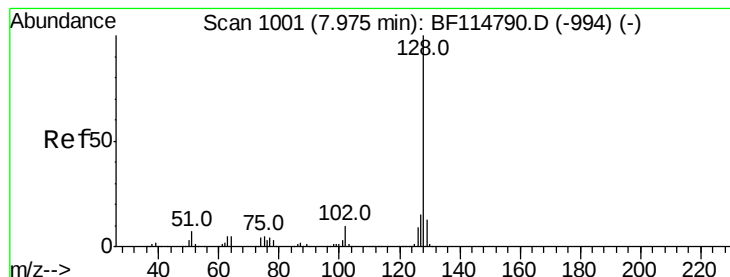
#30
1,2,4-Trichlorobenzene
Concen: 37.217 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:180 Resp: 864858
Ion Ratio Lower Upper
180 100
182 97.5 76.5 114.7
145 30.5 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: 40.270 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

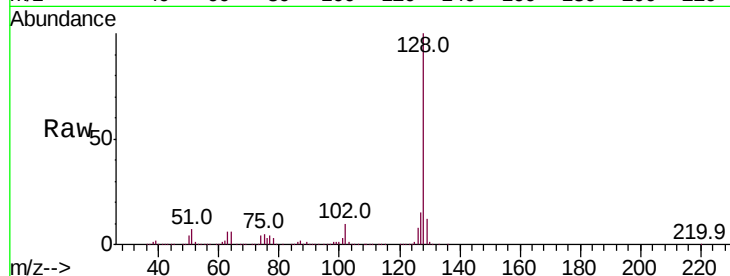
Tot Ion:128 Resp: 2519161

Ion Ratio Lower Upper

128 100

129 12.5 10.0 15.0

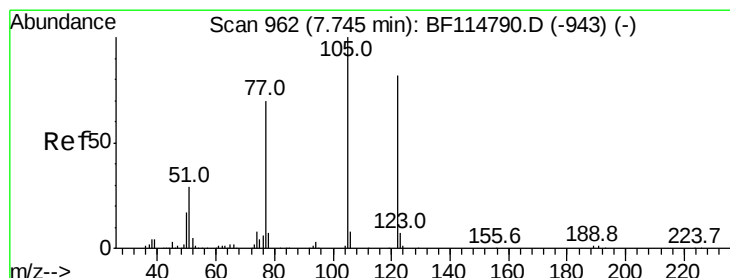
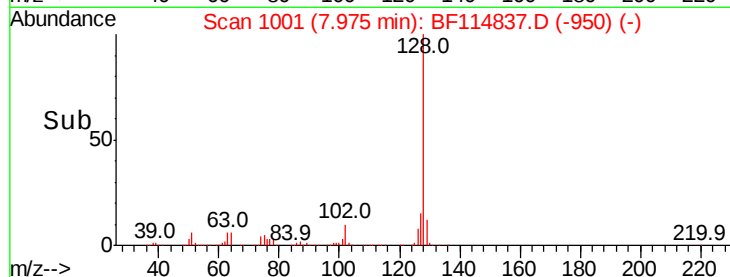
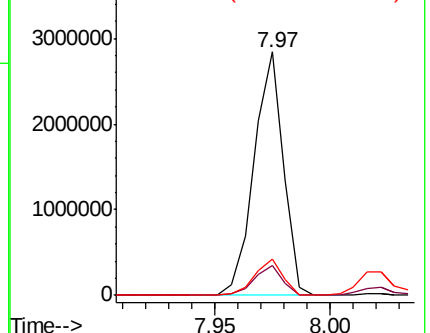
127 14.7 12.2 18.2



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: 30.983 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

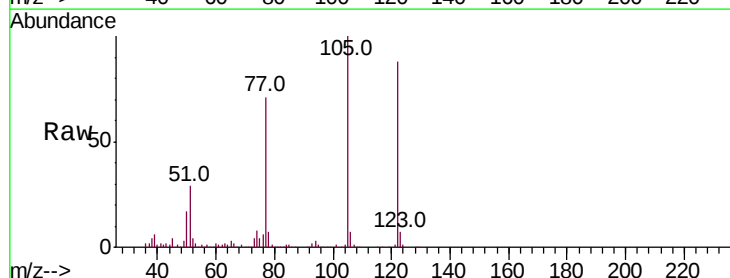
Tgt Ion:122 Resp: 434396

Ion Ratio Lower Upper

122 100

105 113.6 98.7 138.7

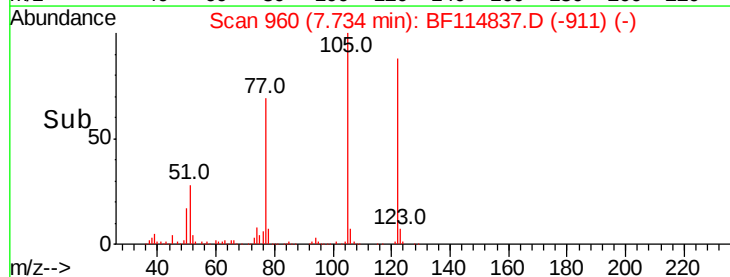
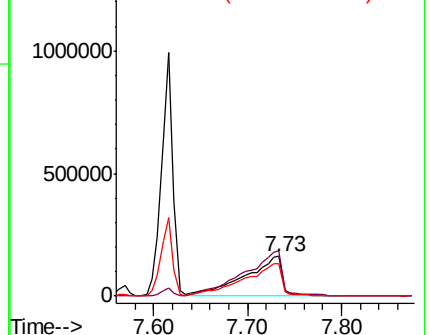
77 80.8 64.8 104.8

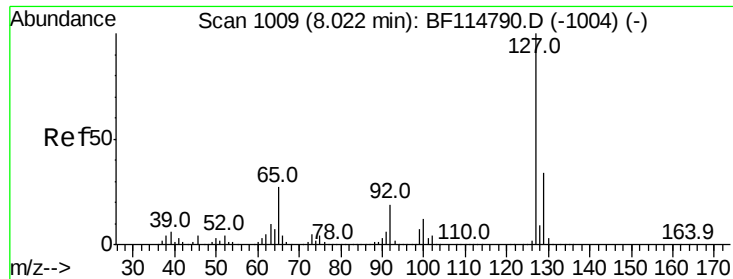


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

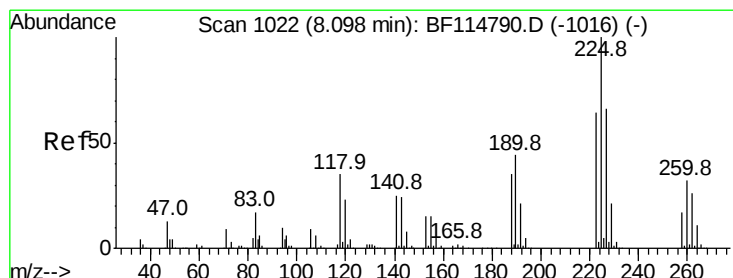
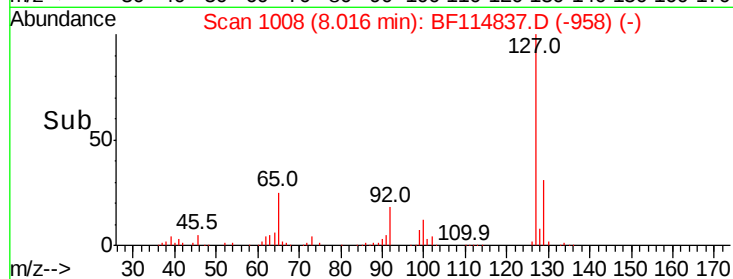
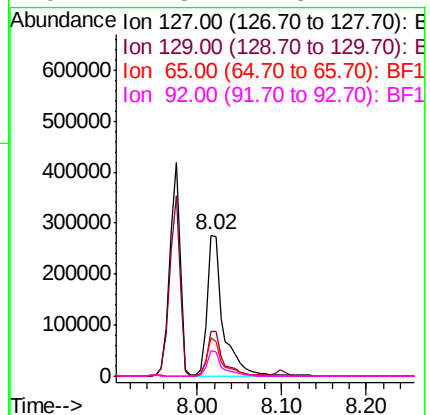
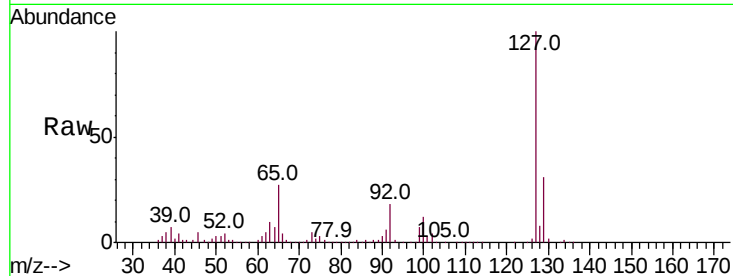




#33
4-Chloroaniline
Concen: 12.049 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

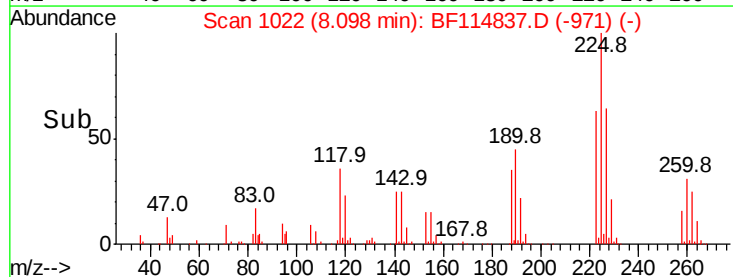
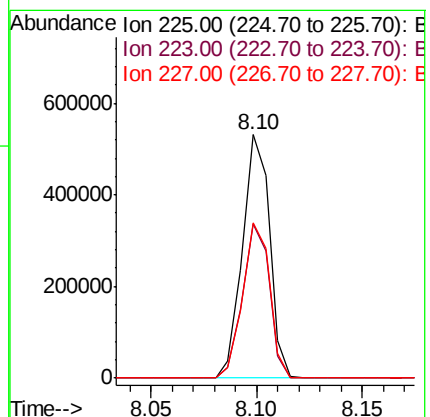
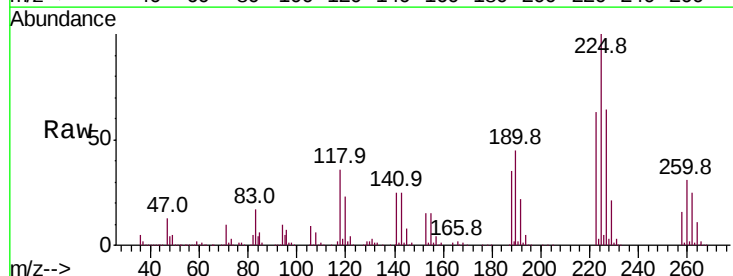
Instrument :
BNA_F
ClientSampleId :

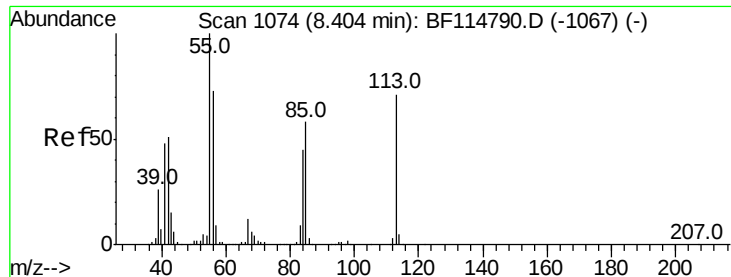
Tot Ion:	127	Resp:	359590
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.9	40.3
65	27.5	21.7	32.5
92	17.8	14.8	22.2



#34
Hexachlorobutadiene
Concen: 35.685 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:	225	Resp:	471453
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	64.0	52.6	78.8





#35

Caprolactam

Concen: 28.542 ng

RT: 8.39 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

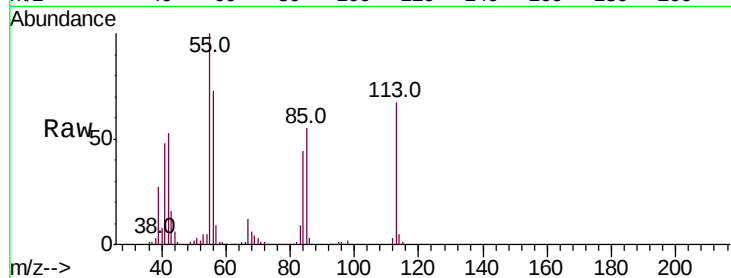
Tot Ion:113 Resp: 188829

Ion Ratio Lower Upper

113 100

55 149.7 121.1 161.1

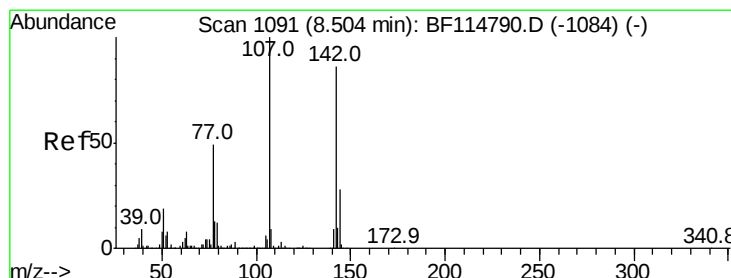
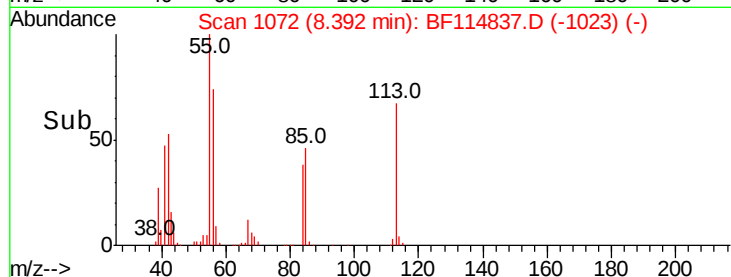
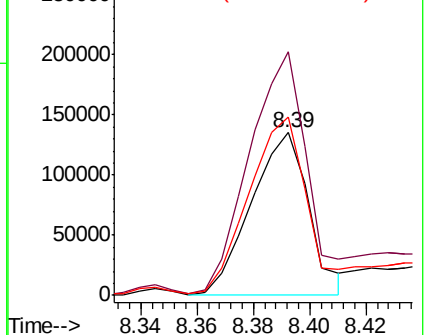
56 109.5 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.347 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

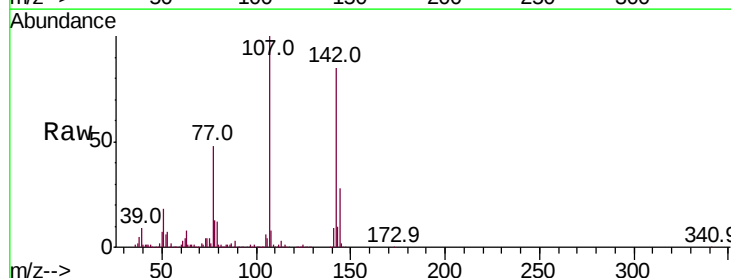
Tgt Ion:107 Resp: 833258

Ion Ratio Lower Upper

107 100

144 27.7 22.1 33.1

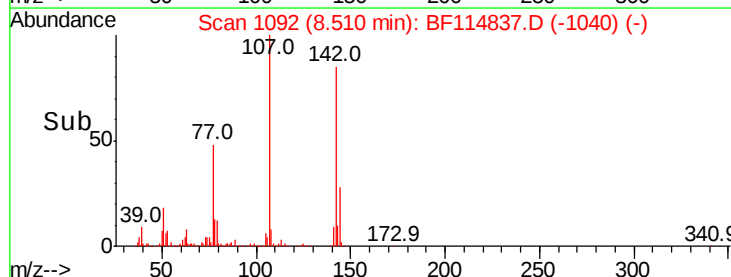
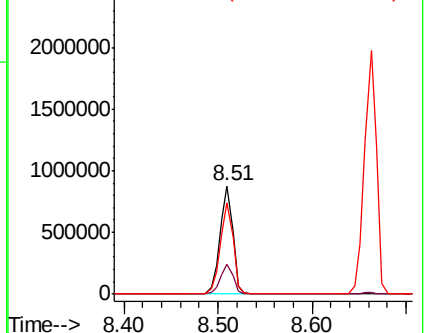
142 84.8 68.4 102.6

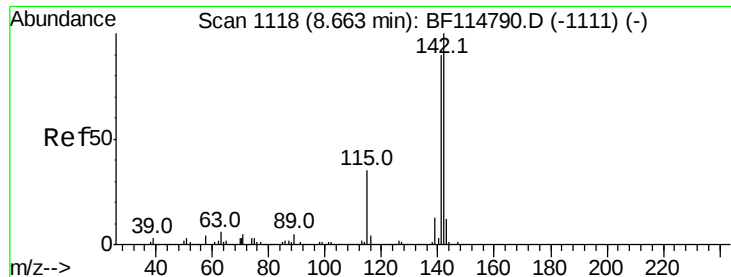


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

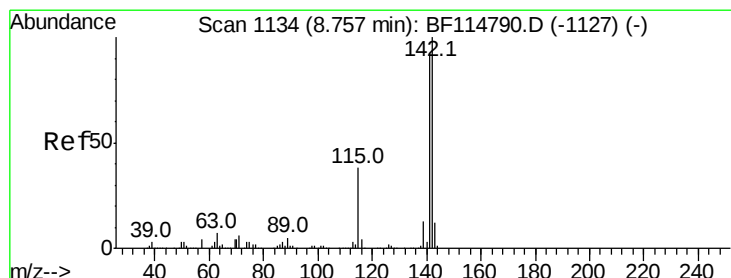
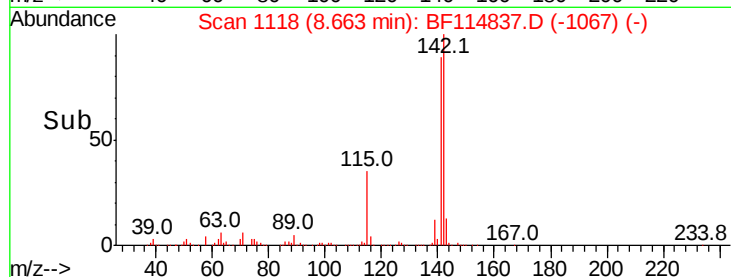
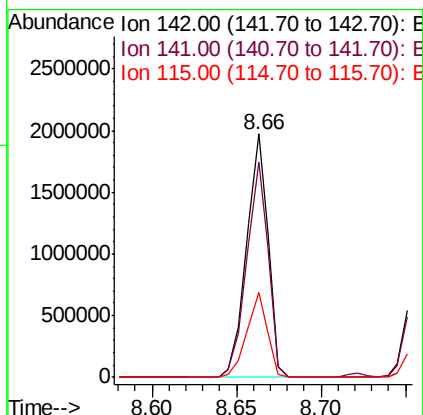
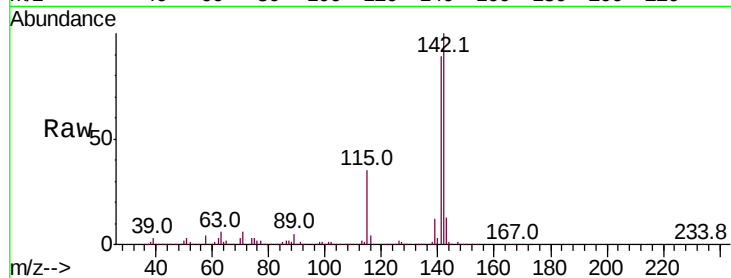




#37
2-Methylnaphthalene
Concen: 40.673 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

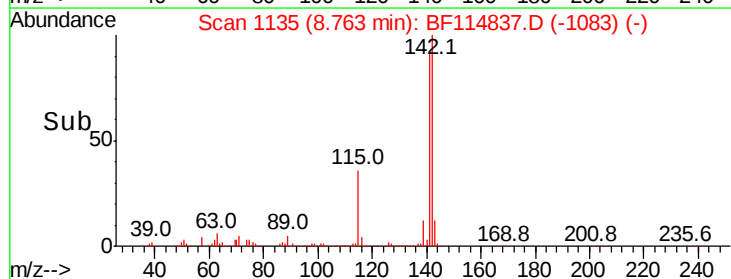
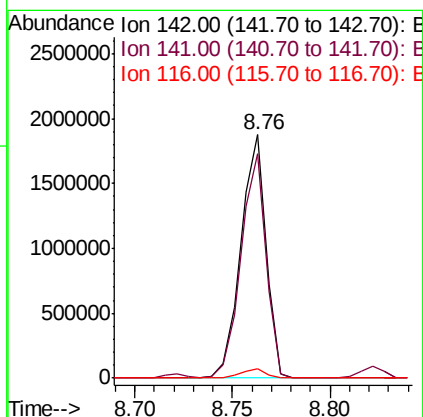
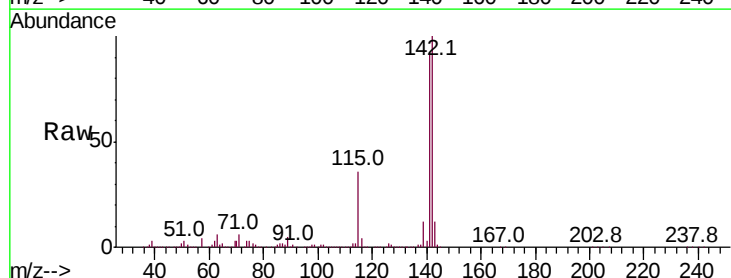
Instrument :
BNA_F
ClientSampled :

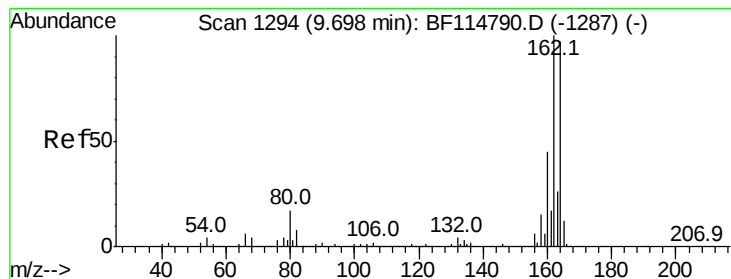
Tot Ion:142 Resp: 1764799
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4
115 34.7 28.2 42.4



#38
1-Methylnaphthalene
Concen: 40.656 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:142 Resp: 1672924
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

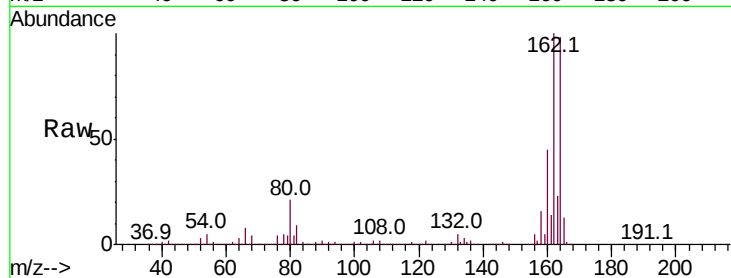
Tot Ion:164 Resp: 698893

Ion Ratio Lower Upper

164 100

162 101.6 82.3 123.5

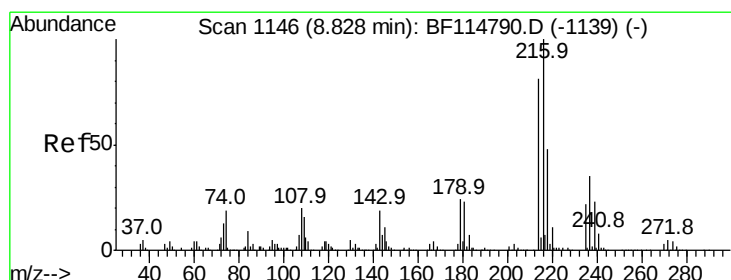
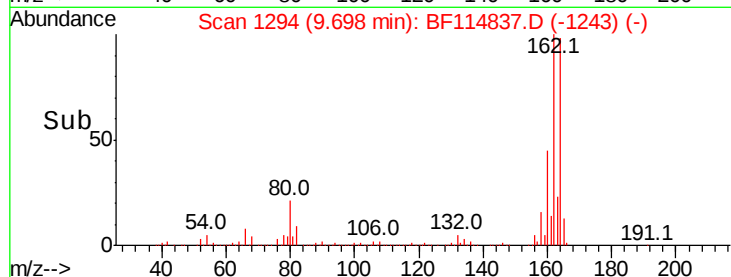
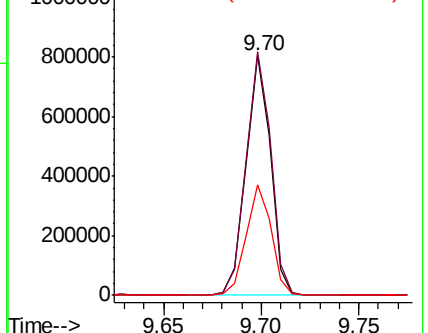
160 46.2 36.7 55.1



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: 38.450 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Tgt Ion:216 Resp: 774424

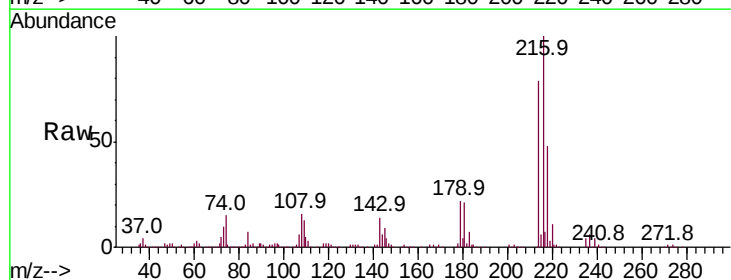
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 22.9 18.3 27.5

108 19.5 15.5 23.3

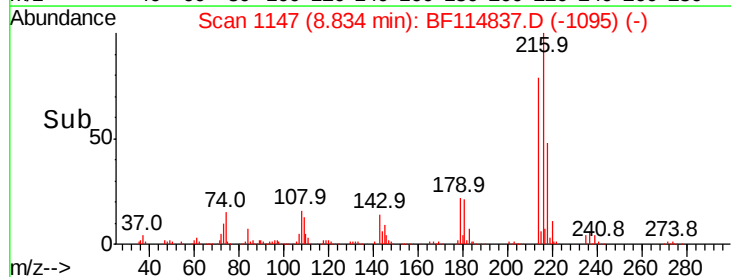
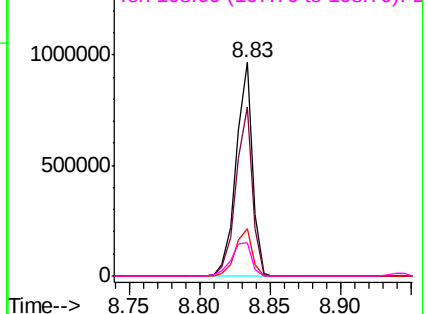


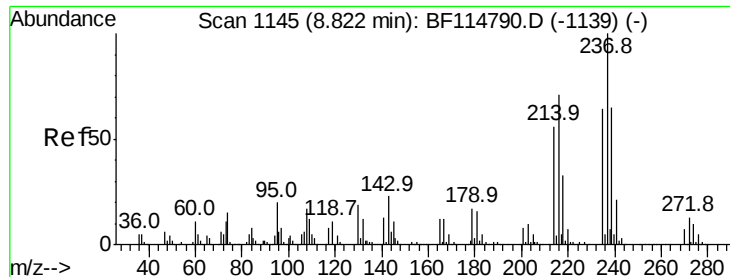
Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.840 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampled :

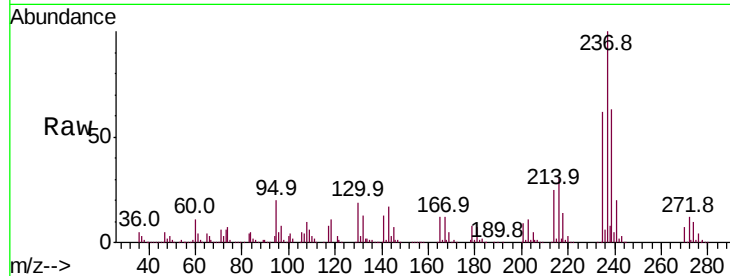
Tot Ion:237 Resp: 584385

Ion Ratio Lower Upper

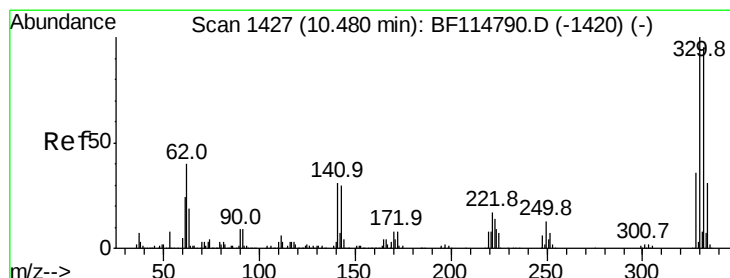
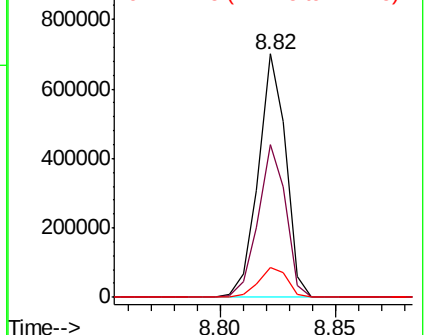
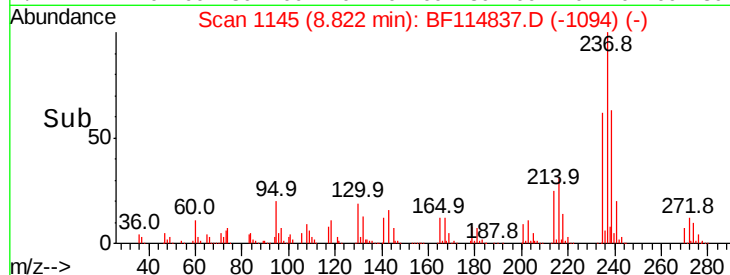
237 100

235 62.5 44.0 84.0

272 12.4 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: 107.287 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

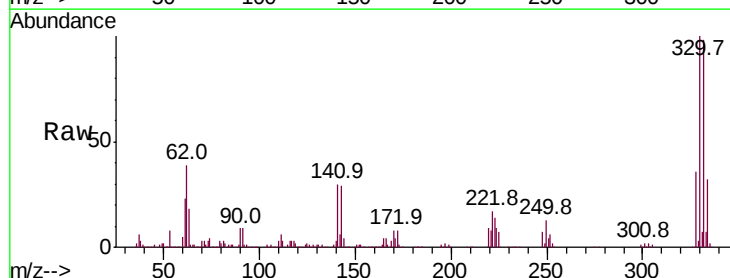
Tgt Ion:330 Resp: 808052

Ion Ratio Lower Upper

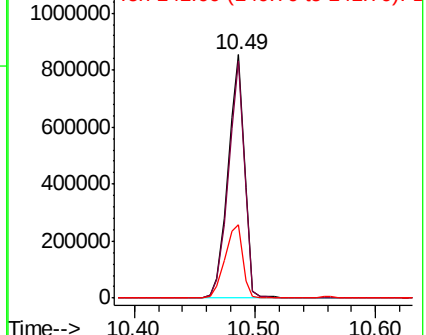
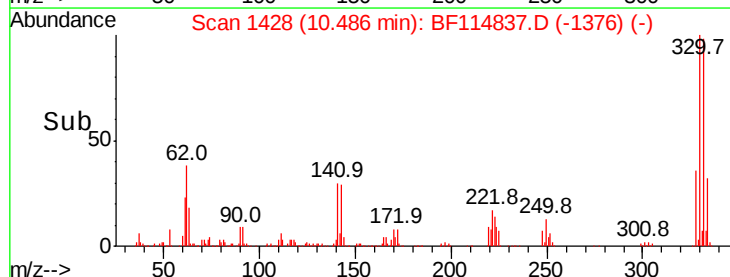
330 100

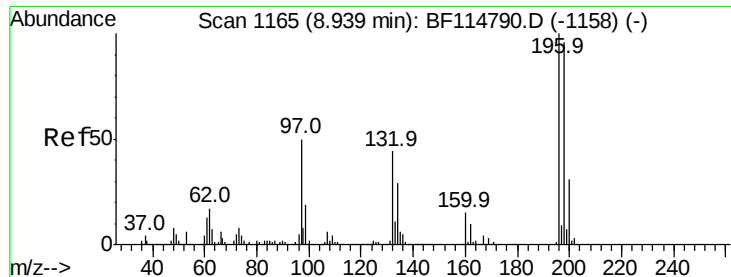
332 96.2 77.3 115.9

141 32.6 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

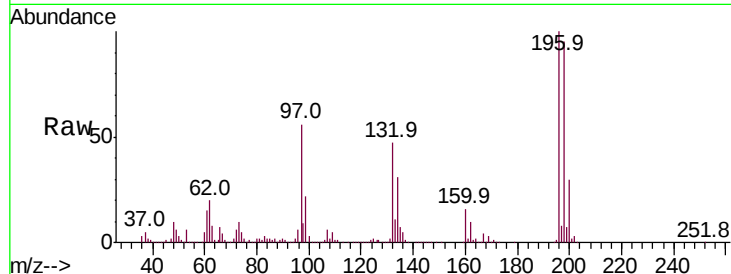




#43
 2,4,6-Trichlorophenol
 Concen: 38.624 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.1	115.7
200	30.2	24.6	36.8

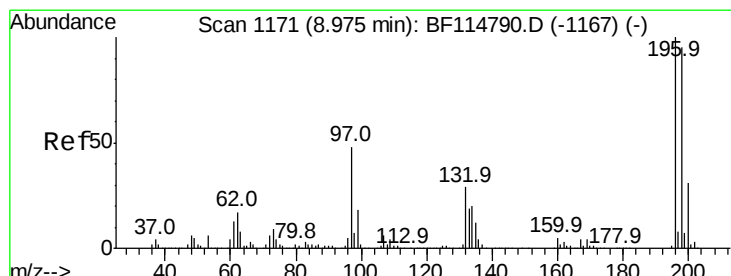
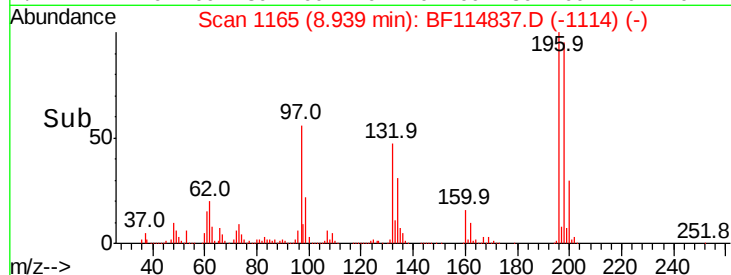
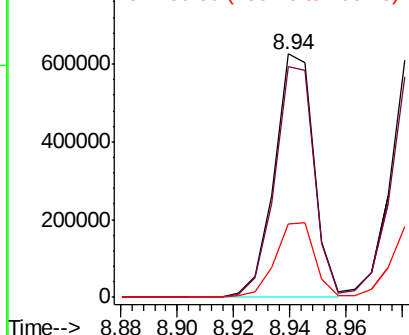


Abundance

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: 40.509 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.4
97	42.4	38.2	57.4
132	28.1	23.7	35.5

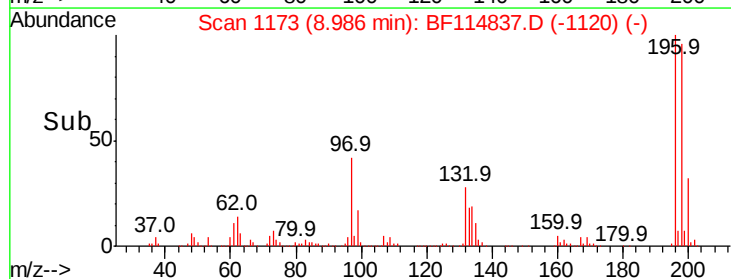
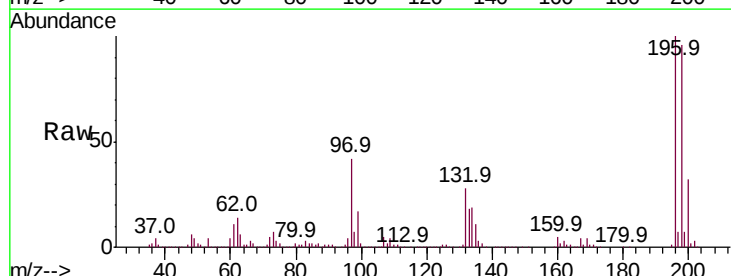
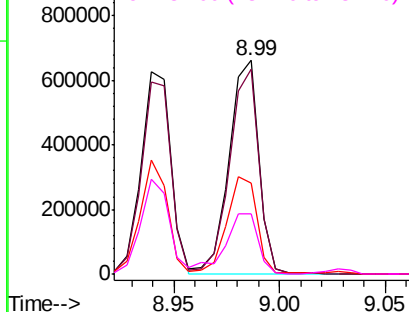
Abundance

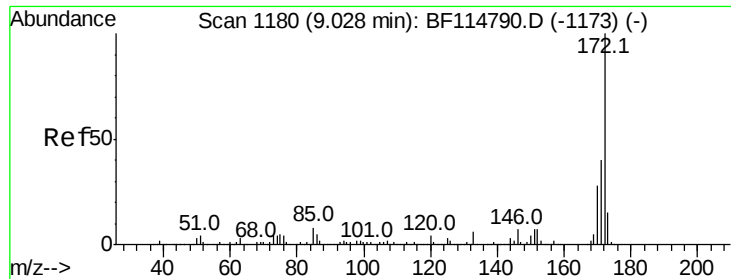
Ion 196.00 (195.70 to 196.70): E

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

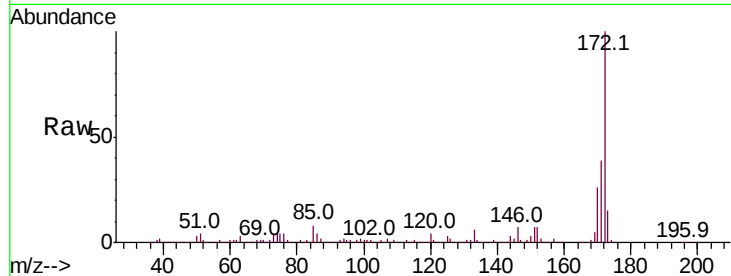




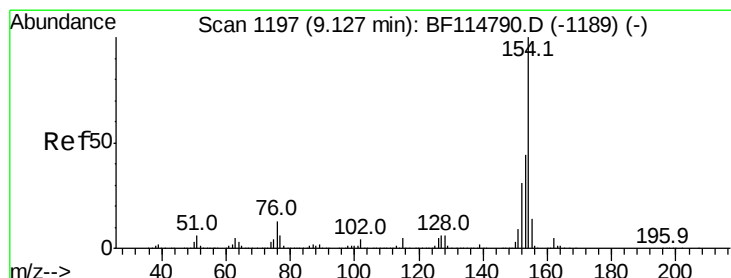
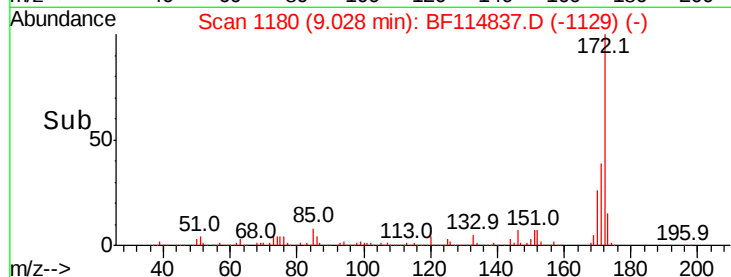
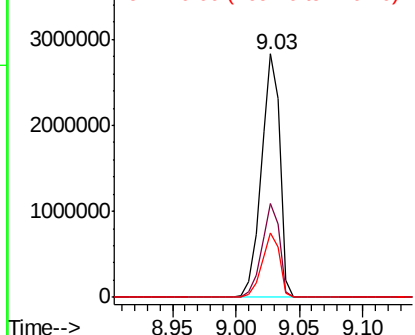
#45
2-Fluorobiphenyl
Concen: 77.672 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2897855
Ion Ratio Lower Upper
172 100
171 38.6 32.3 48.5
170 26.4 22.4 33.6

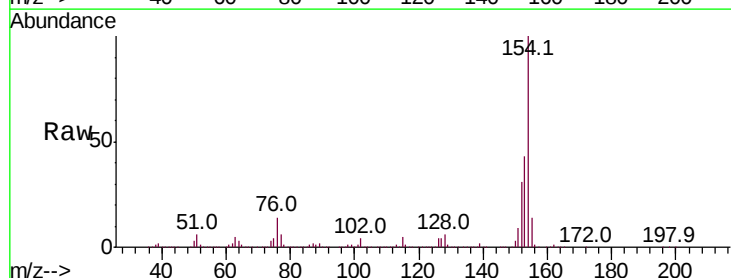


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

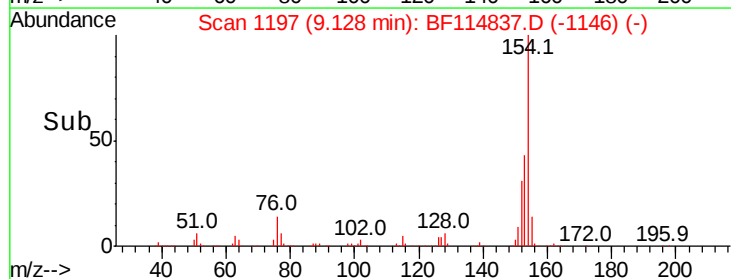
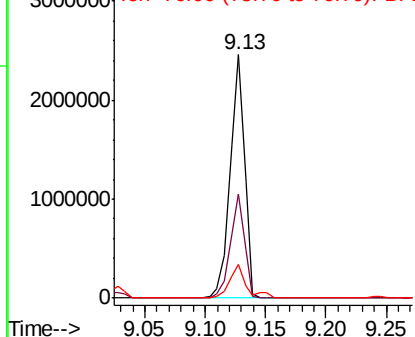


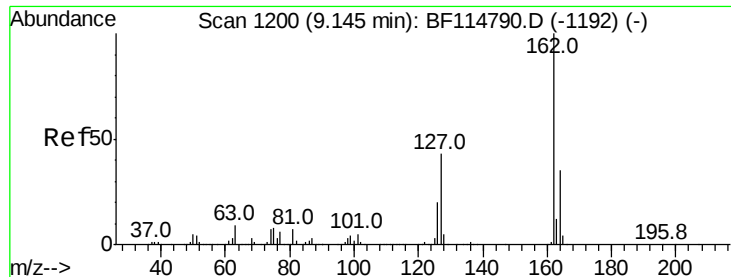
#46
1,1'-Biphenyl
Concen: 39.497 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:154 Resp: 2045880
Ion Ratio Lower Upper
154 100
153 42.9 23.9 63.9
76 13.7 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

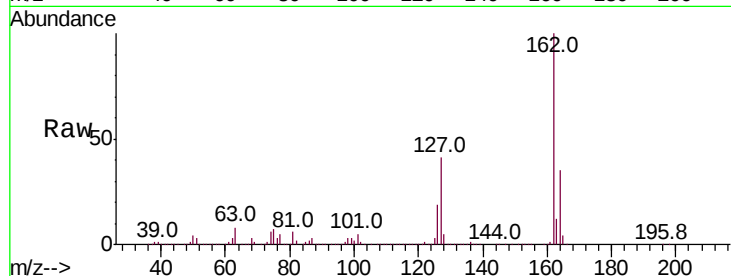




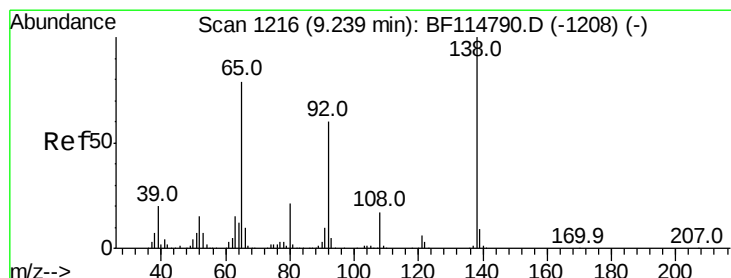
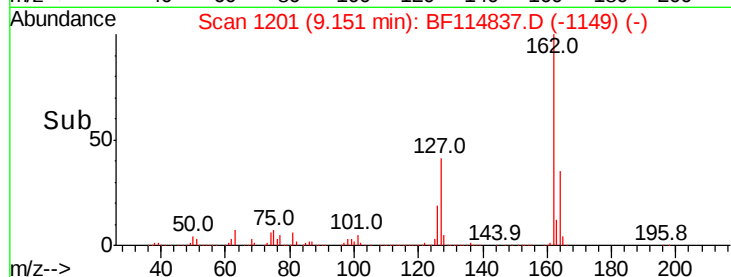
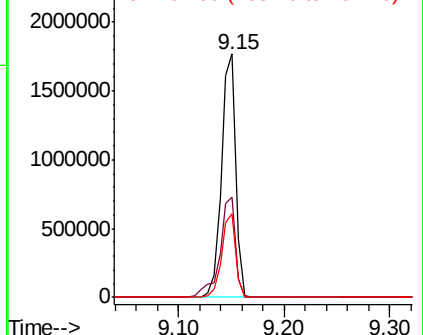
#47
 2-Chloronaphthalene
 Concen: 38.169 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1679968
 Ion Ratio Lower Upper
 162 100
 127 41.0 34.6 51.8
 164 34.6 27.8 41.8

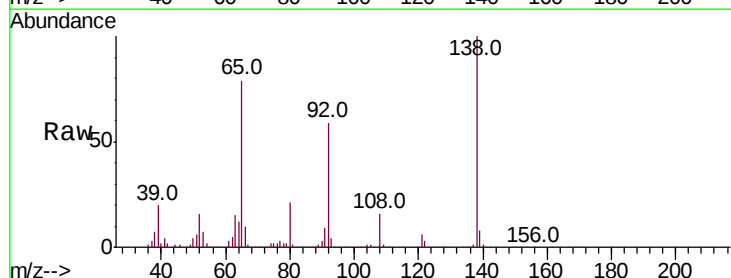


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

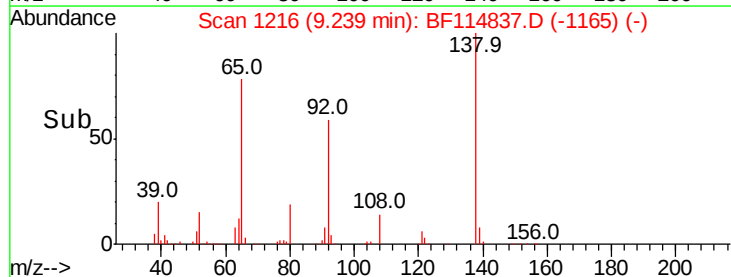
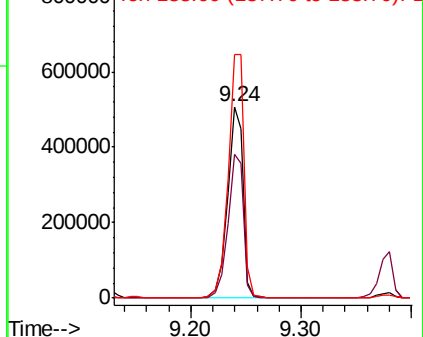


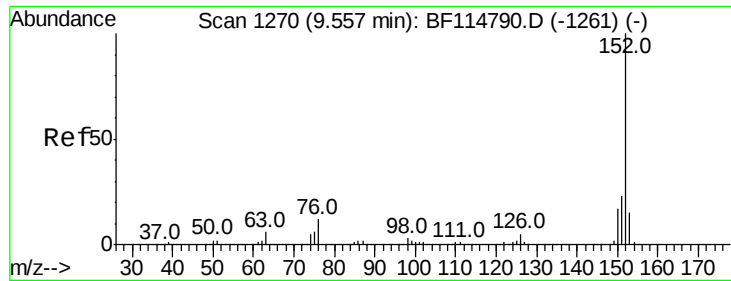
#48
 2-Nitroaniline
 Concen: 37.971 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion: 65 Resp: 498749
 Ion Ratio Lower Upper
 65 100
 92 75.0 60.4 90.6
 138 126.9 101.2 151.8



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: 40.190 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

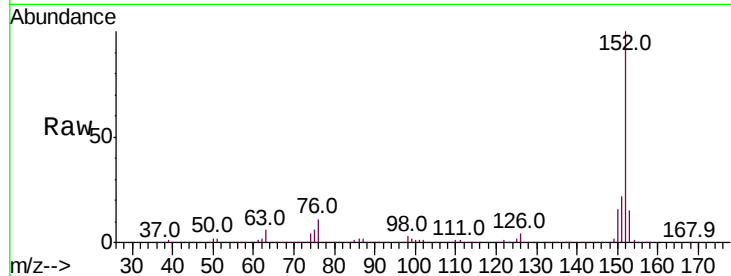
Tot Ion:152 Resp: 2565257

Ion Ratio Lower Upper

152 100

151 22.2 18.3 27.5

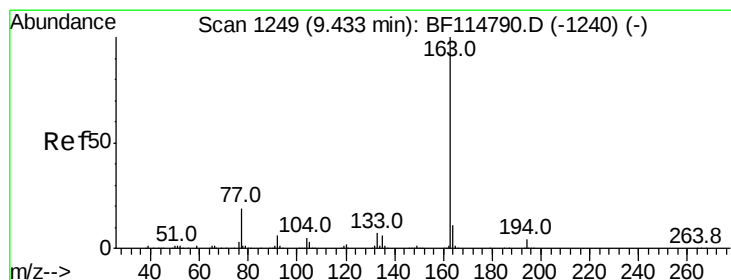
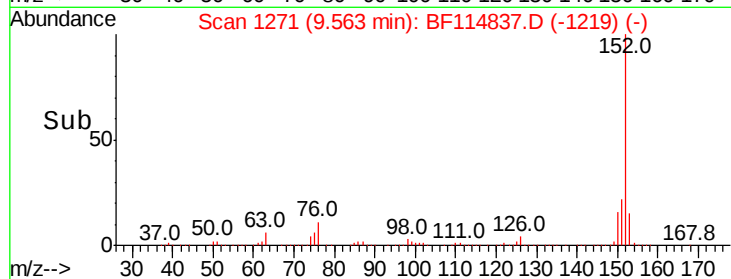
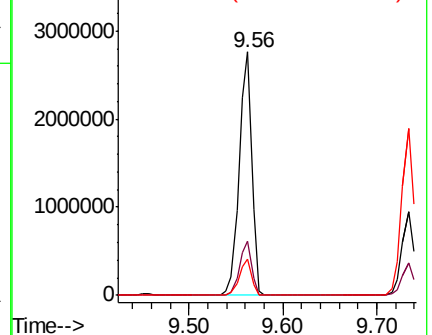
153 14.7 12.3 18.5



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: 49.689 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

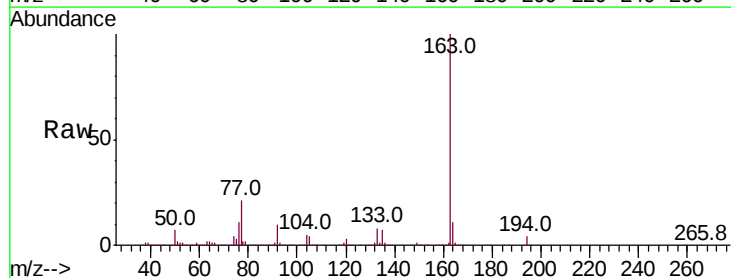
Tgt Ion:163 Resp: 2536334

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

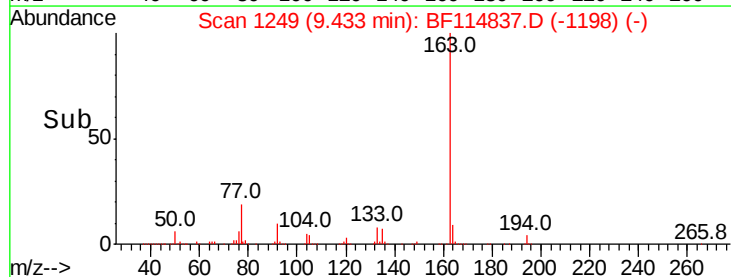
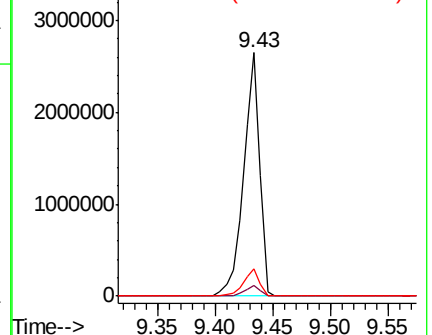
164 11.5 8.6 13.0

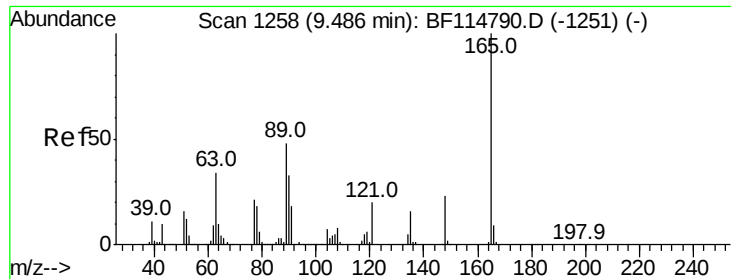


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

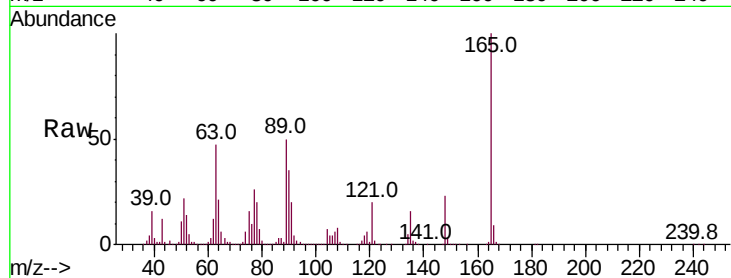




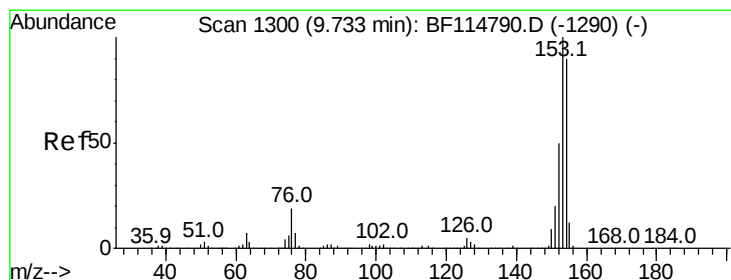
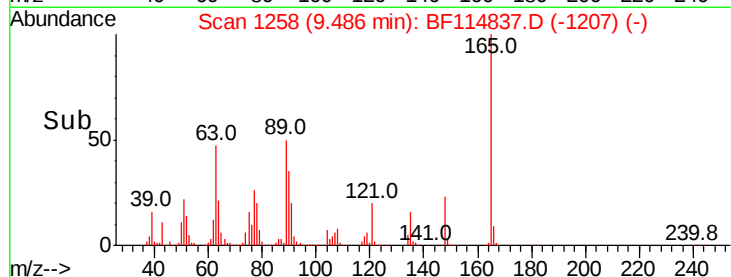
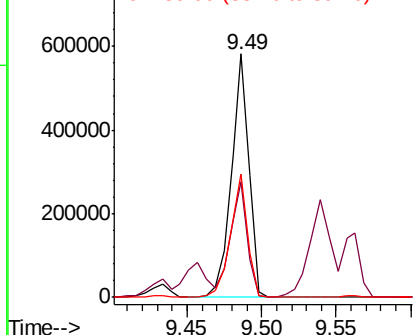
#51
2,6-Dinitrotoluene
Concen: 40.339 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 484245
Ion Ratio Lower Upper
165 100
63 47.3 35.1 52.7
89 50.4 38.2 57.2

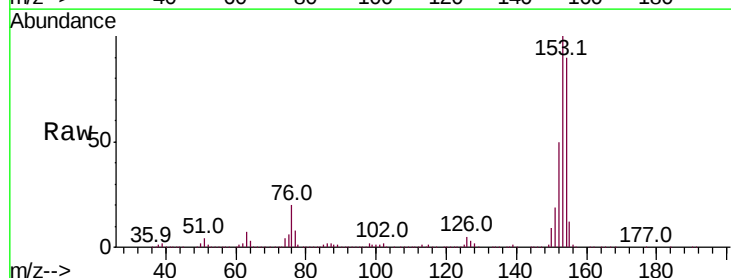


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

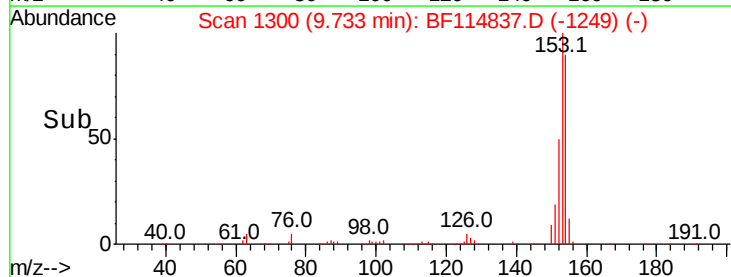
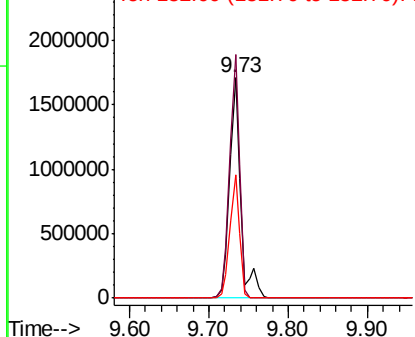


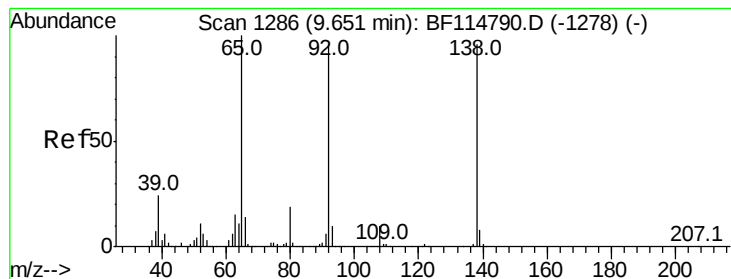
#52
Acenaphthene
Concen: 40.424 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:154 Resp: 1690215
Ion Ratio Lower Upper
154 100
153 110.5 88.5 132.7
152 55.8 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: 26.181 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampled :

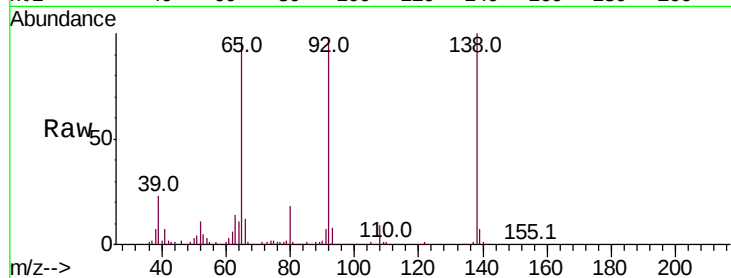
Tot Ion:138 Resp: 367152

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

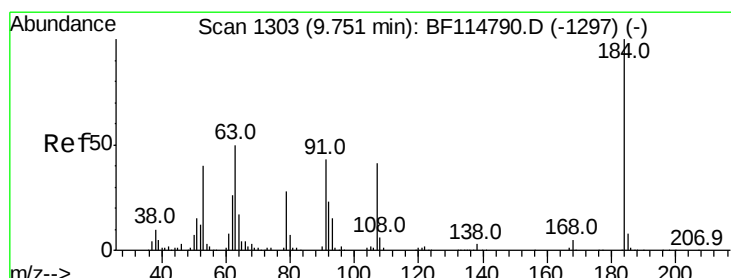
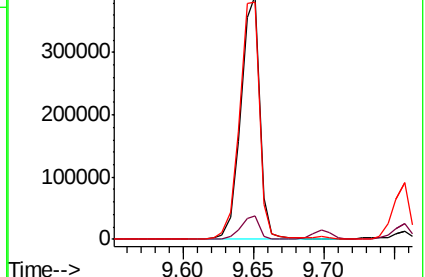
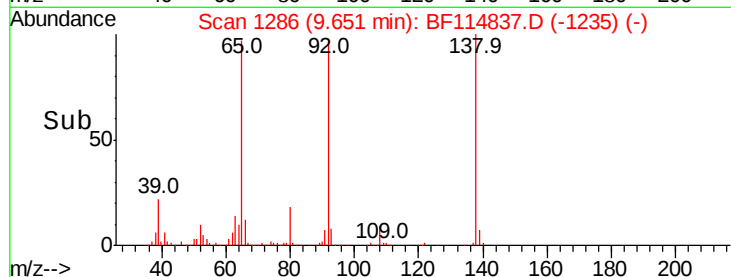
92 97.4 79.9 119.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 59.506 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

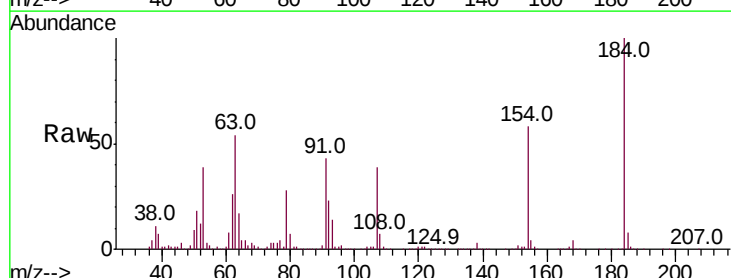
Tgt Ion:184 Resp: 323246

Ion Ratio Lower Upper

184 100

63 53.8 44.1 66.1

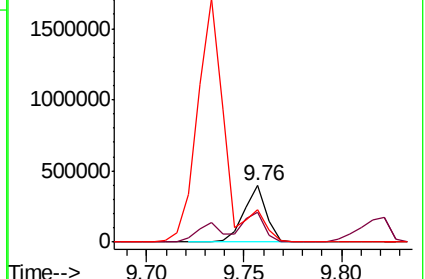
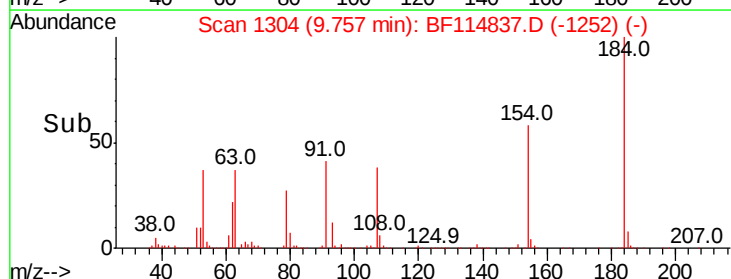
154 58.4 48.1 72.1

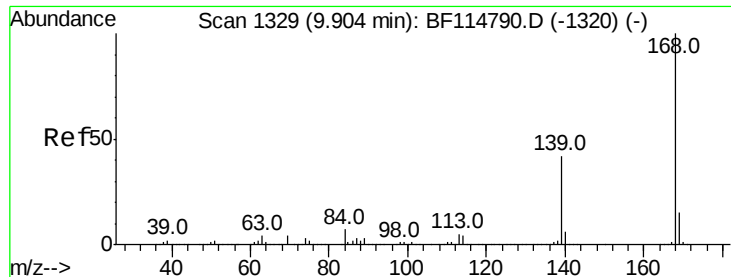


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.719 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

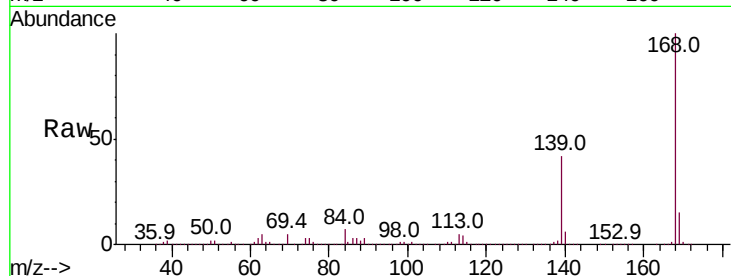
Tot Ion:168 Resp: 2251185

Ion Ratio Lower Upper

168 100

139 41.9 33.8 50.6

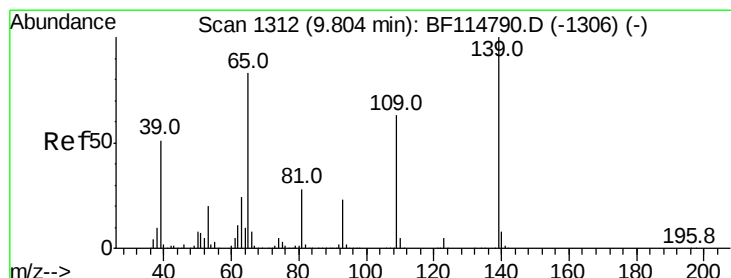
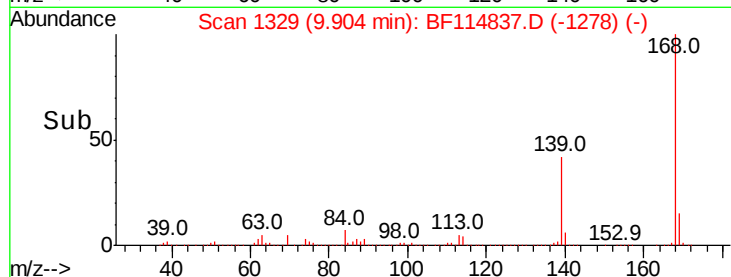
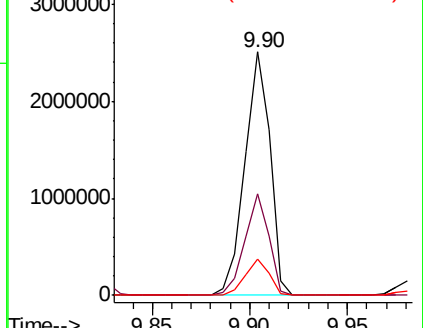
169 14.9 11.9 17.9



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: 78.679 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.02 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

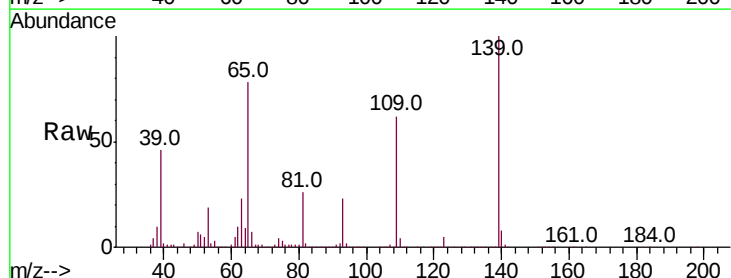
Tgt Ion:139 Resp: 808498

Ion Ratio Lower Upper

139 100

109 61.7 43.5 83.5

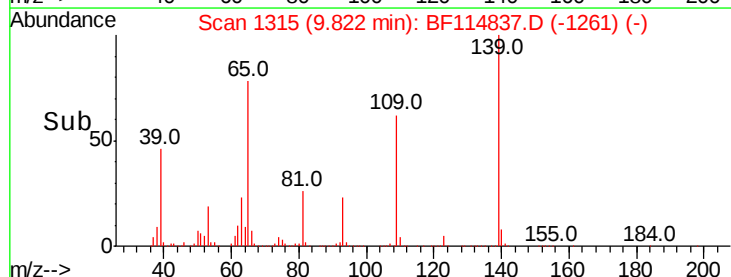
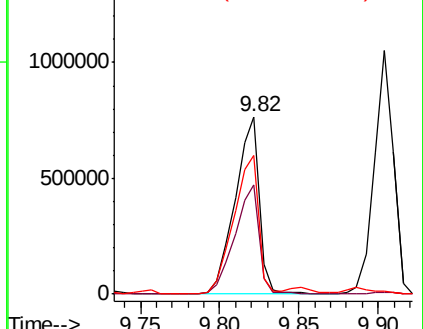
65 78.1 63.2 103.2

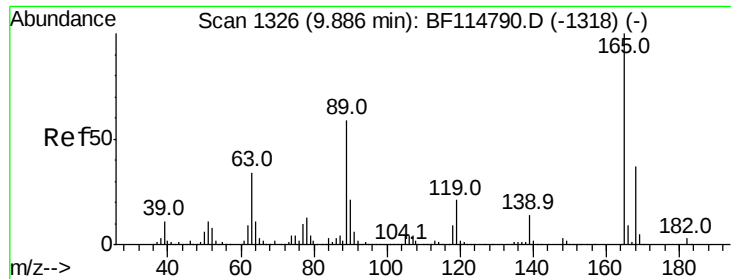


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

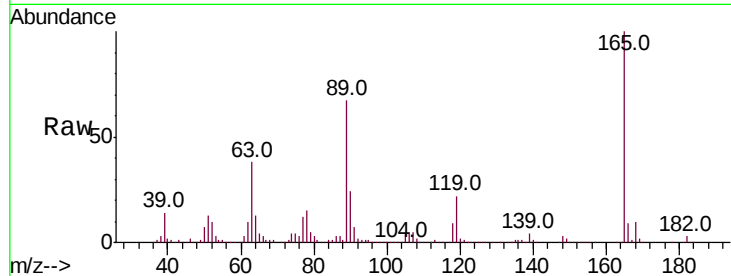




#57
 2,4-Dinitrotoluene
 Concen: 42.768 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.3	27.0	40.4
89	67.4	47.0	70.6
182	2.7	2.2	3.2



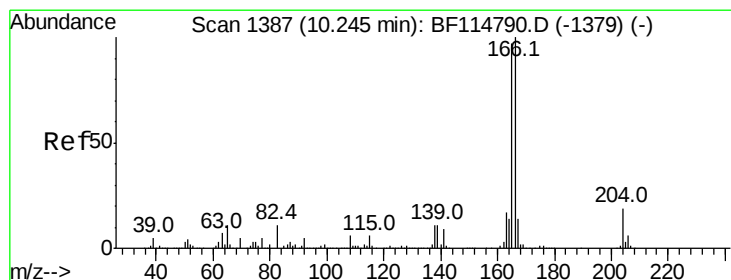
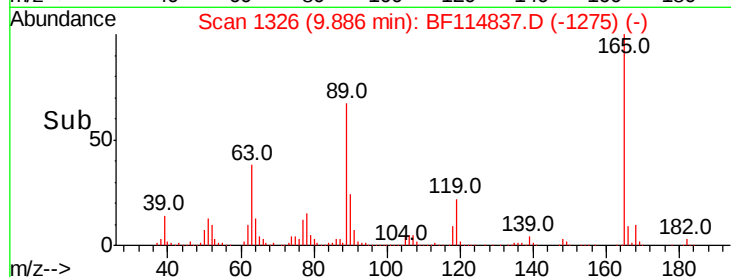
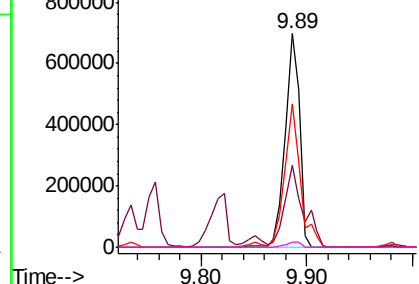
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

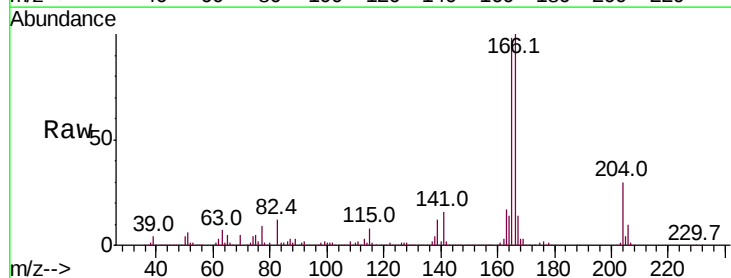
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.436 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	14.1	11.3	16.9

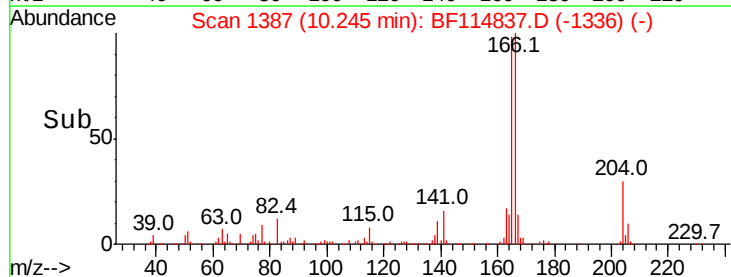
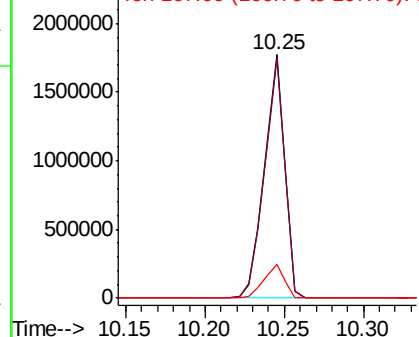


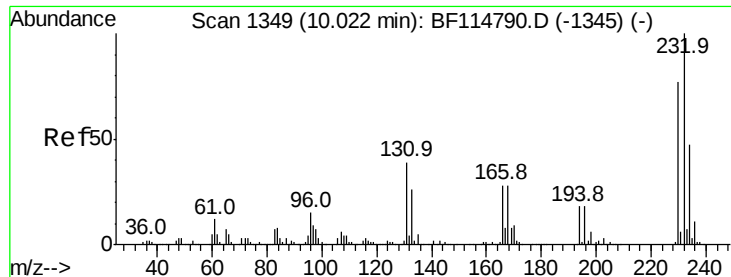
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

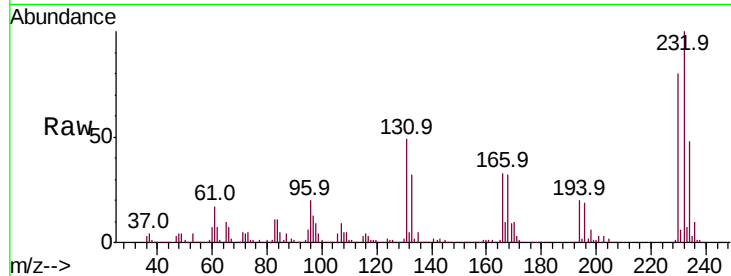




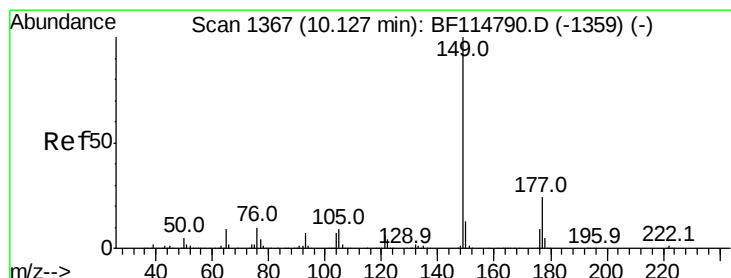
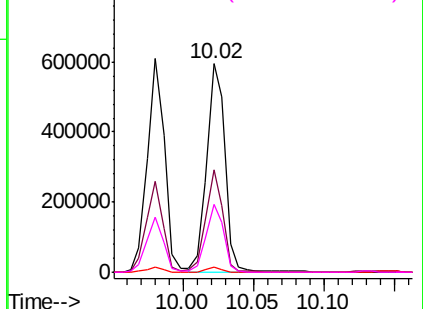
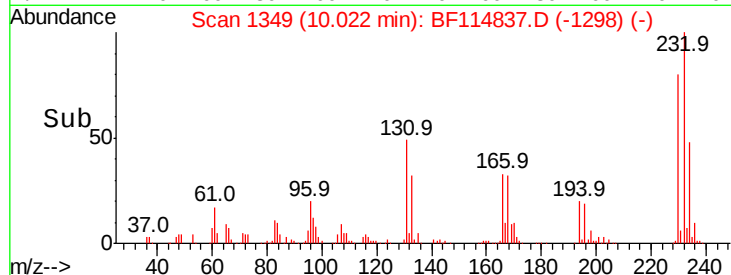
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.229 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	532769
Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.8	55.2
130	2.2	1.8	2.6
166	31.0	24.6	37.0

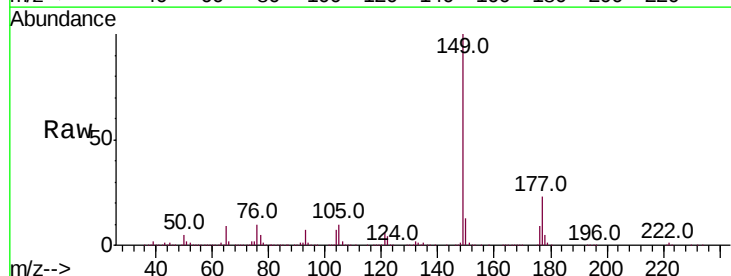


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

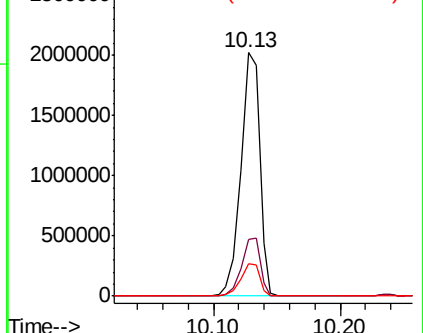
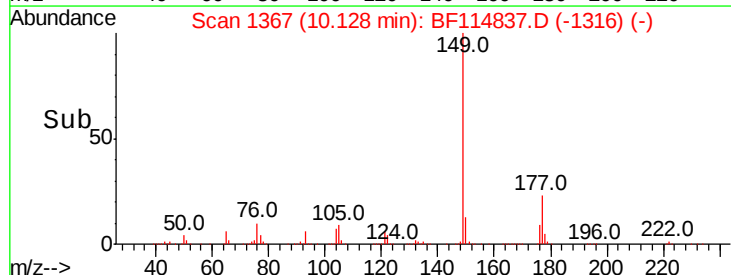


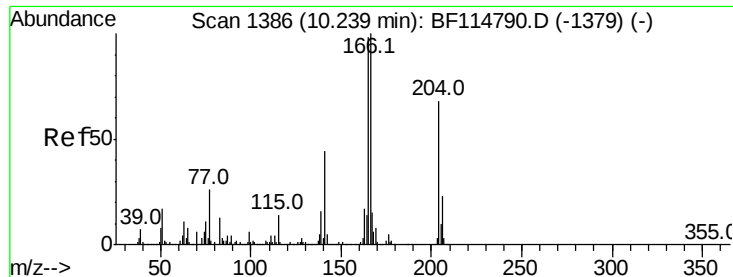
#60
 Diethylphthalate
 Concen: 40.487 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion:	149	Resp:	2073771
Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.3	28.9
150	13.3	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

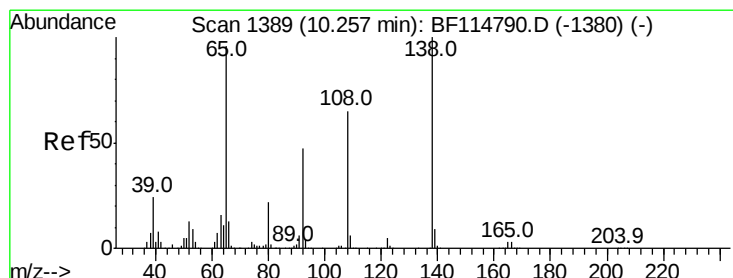
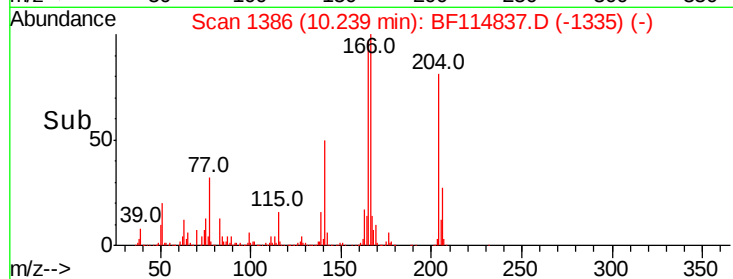
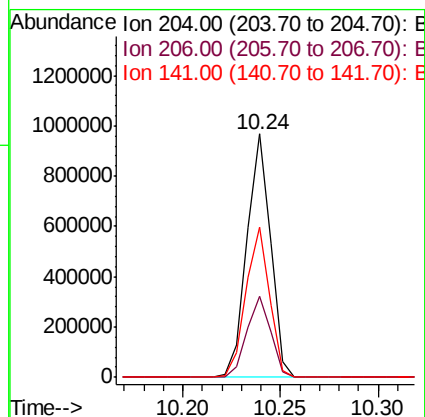
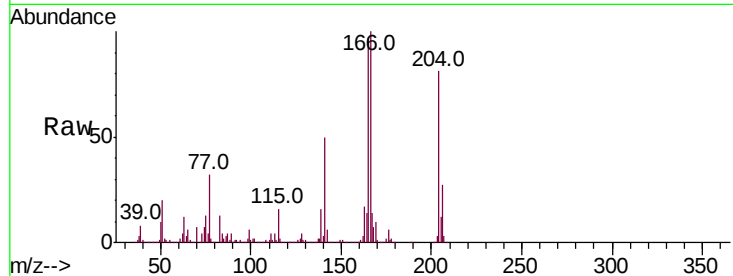




#61
4-Chlorophenyl-phenylether
Concen: 36.483 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

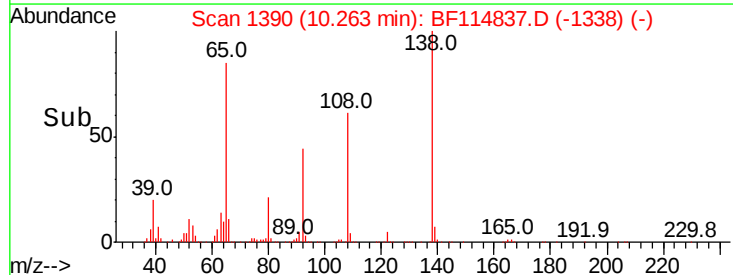
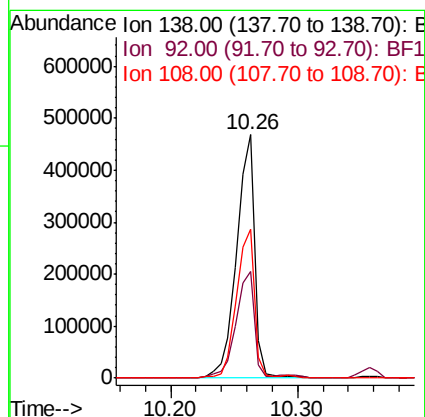
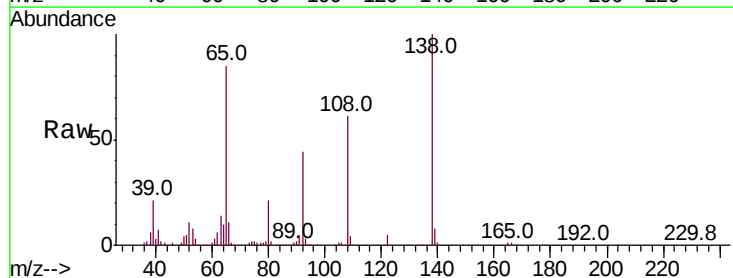
Instrument :
BNA_F
ClientSampleId :

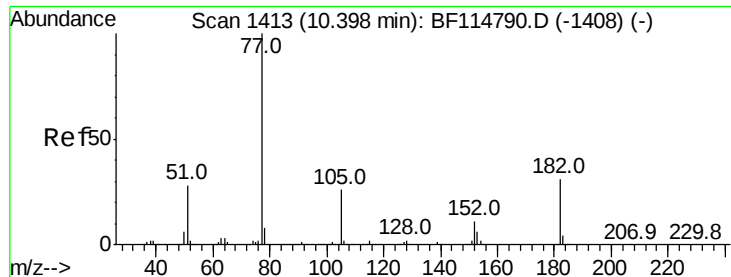
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	61.9	51.0	76.4



#62
4-Nitroaniline
Concen: 33.876 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.9	26.5	66.5
108	61.4	45.4	85.4



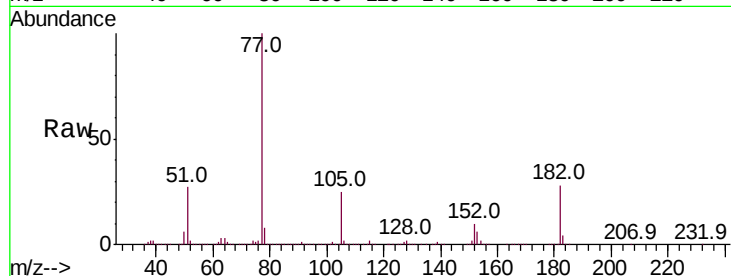


#63
Azobenzene
Concen: 41.212 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

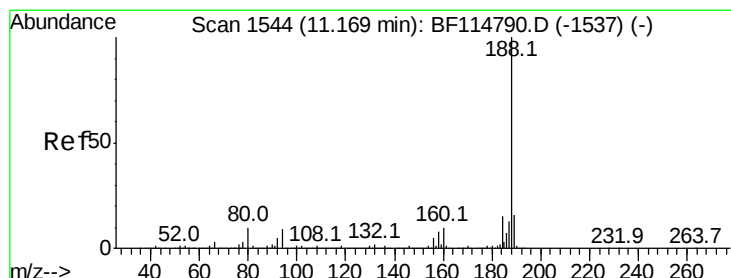
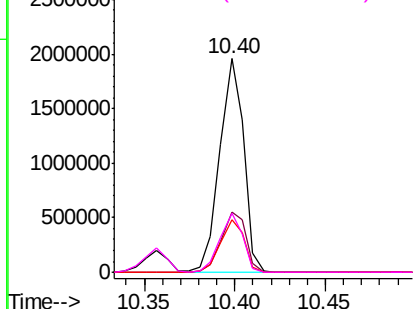
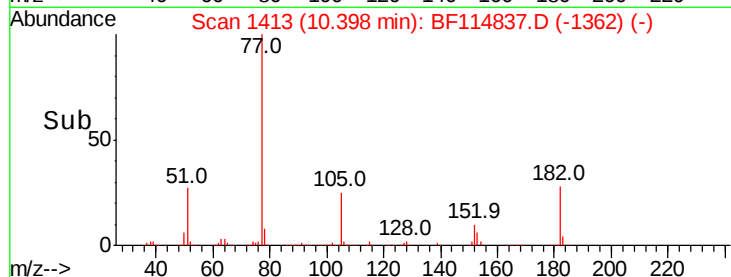
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1796827

Ion	Ratio	Lower	Upper
77	100		
182	28.3	11.2	51.2
105	24.7	5.7	45.7
51	27.4	8.0	48.0



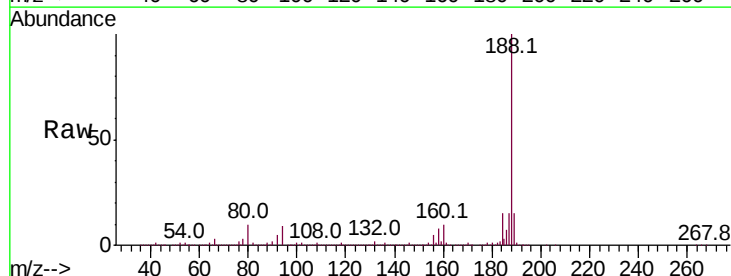
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



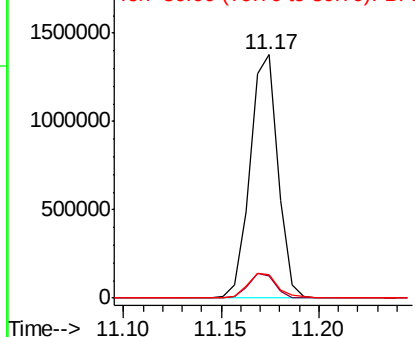
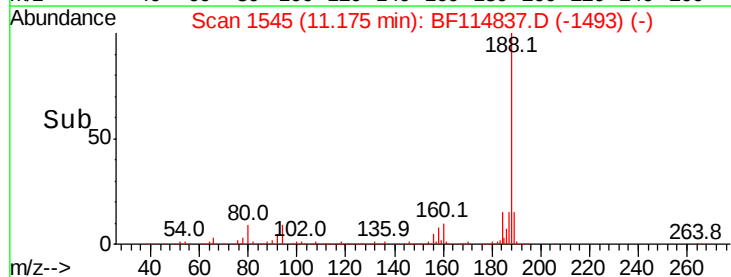
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

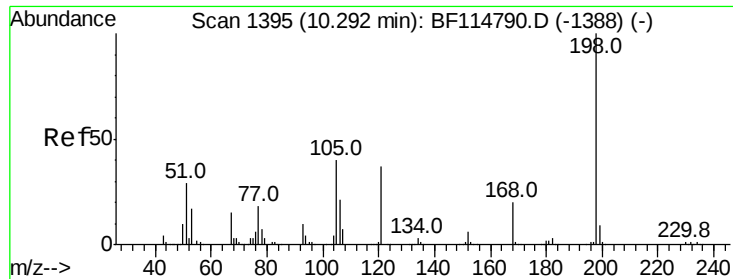
Tgt Ion: 188 Resp: 1362999

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.6	11.4
80	9.5	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

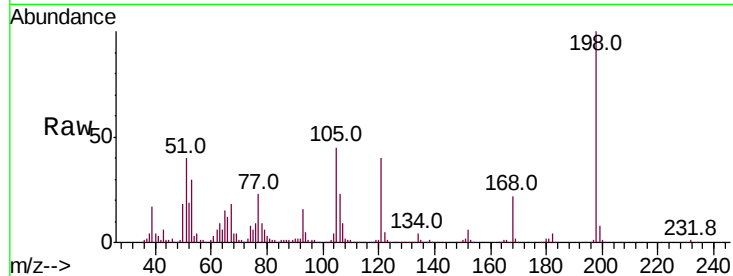




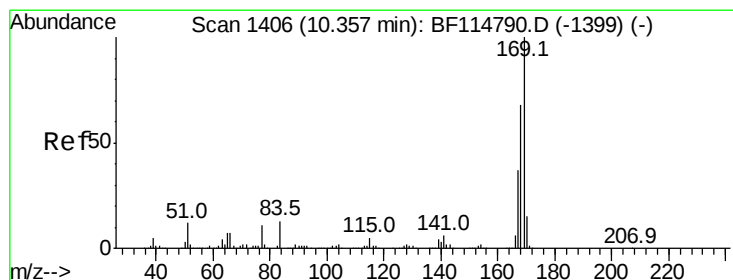
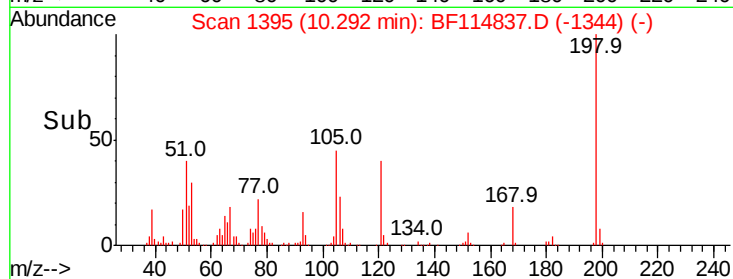
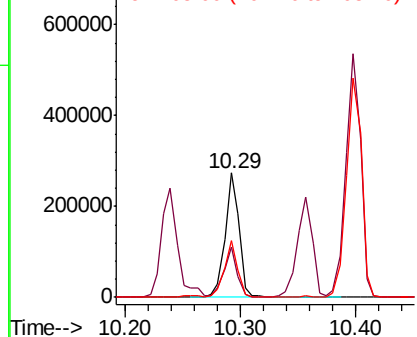
#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.578 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 230658
 Ion Ratio Lower Upper
 198 100
 51 40.3 14.9 54.9
 105 45.3 21.0 61.0

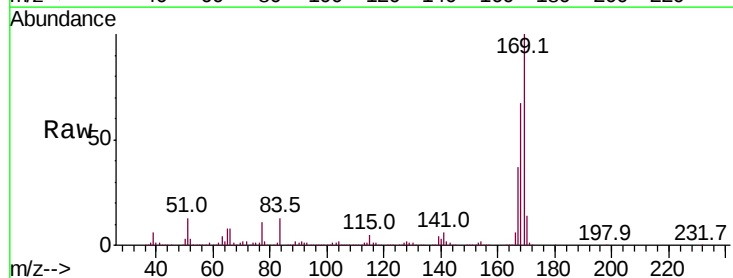


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

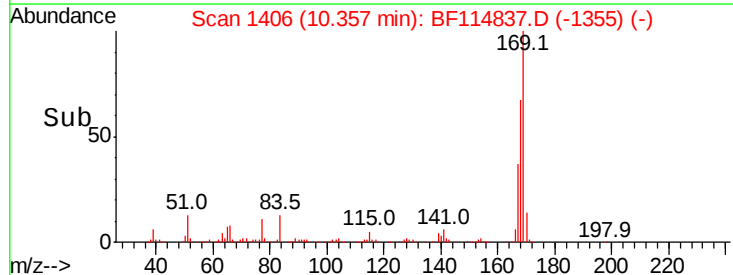
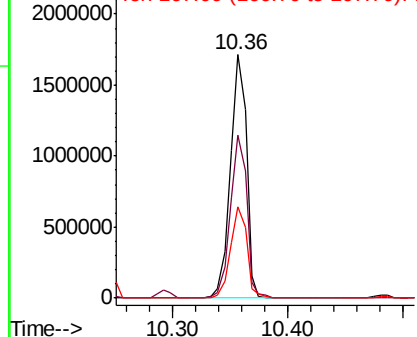


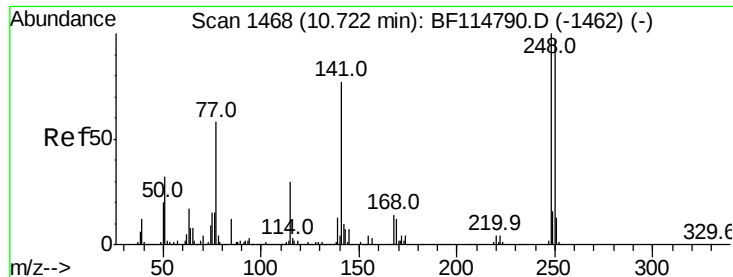
#66
 n-Nitrosodiphenylamine
 Concen: 39.964 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion:169 Resp: 1647098
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.3 81.5
 167 37.2 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

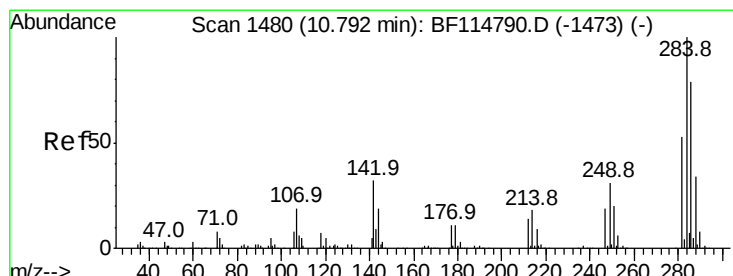
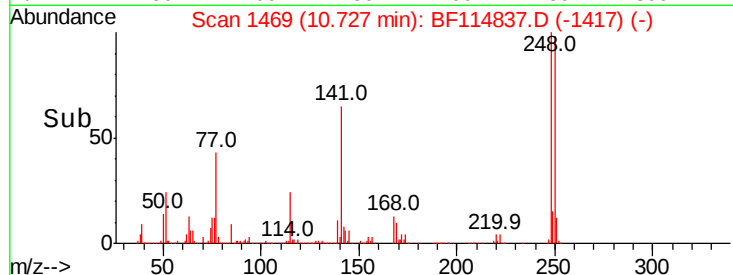
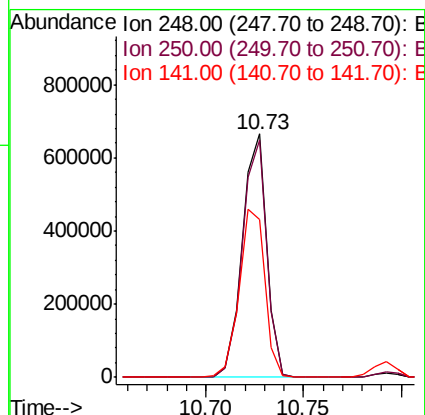
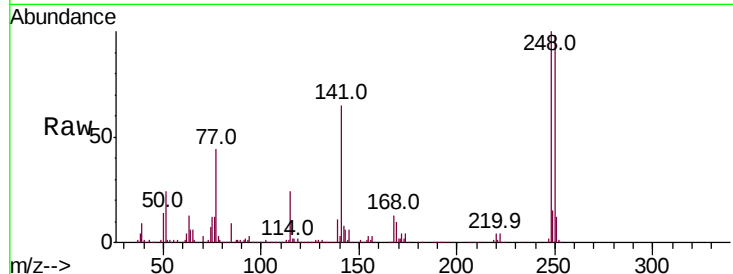




#67
4-Bromophenyl-phenylether
Concen: 37.197 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

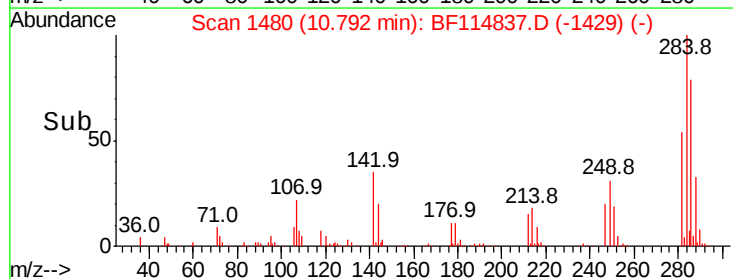
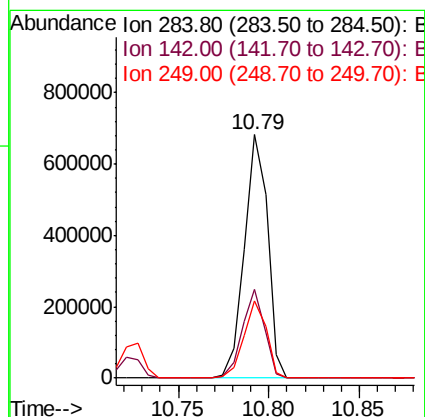
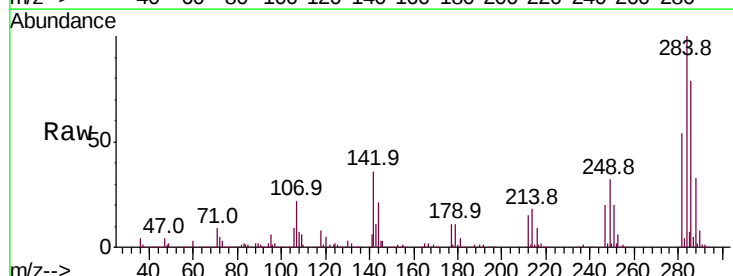
Instrument :
BNA_F
ClientSampleId :

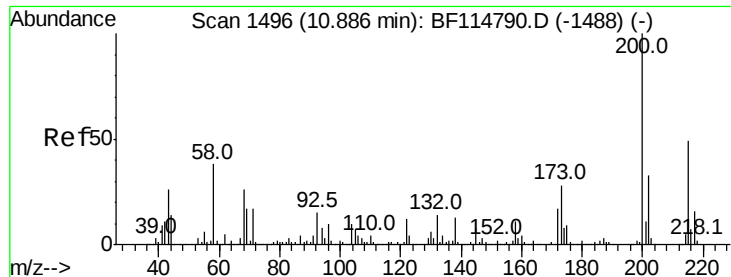
Tot Ion:248 Resp: 575816
Ion Ratio Lower Upper
248 100
250 97.7 77.5 116.3
141 65.1 61.8 92.8



#68
Hexachlorobenzene
Concen: 35.783 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:284 Resp: 606236
Ion Ratio Lower Upper
284 100
142 36.2 25.3 37.9
249 31.6 24.9 37.3

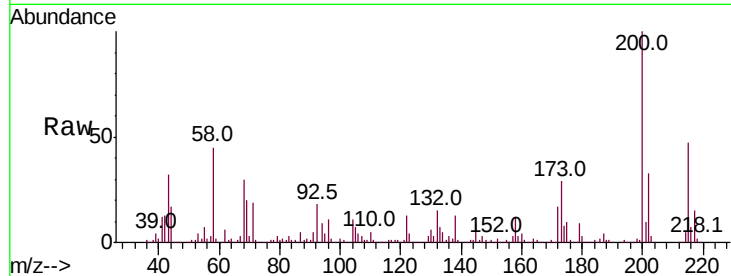




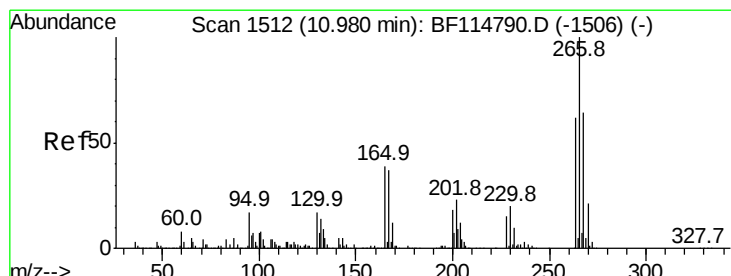
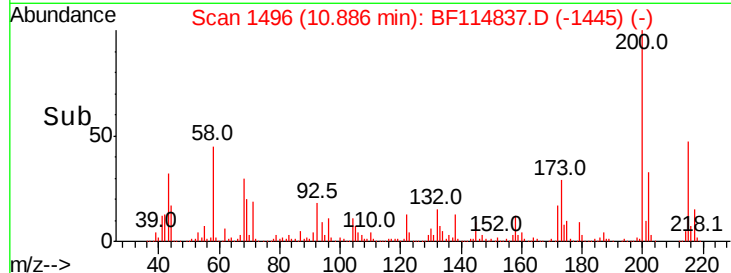
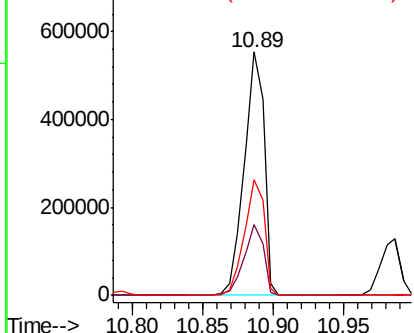
#69
 Atrazine
 Concen: 38.204 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.0	48.0
215	47.4	28.7	68.7

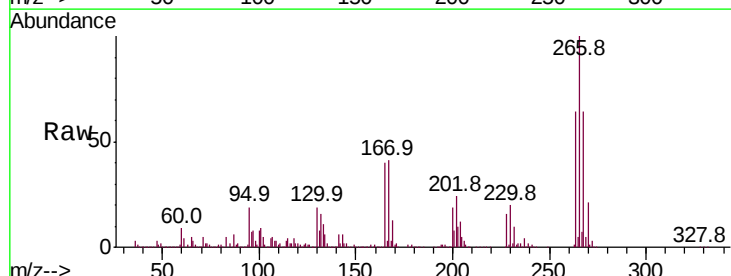


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

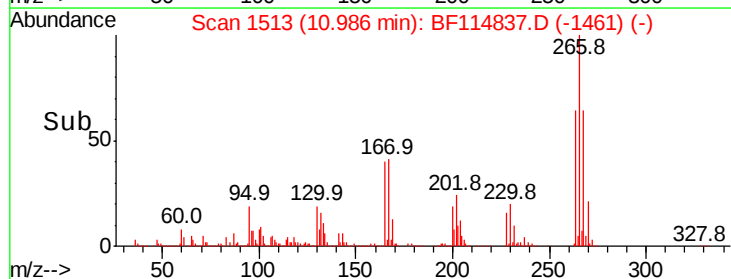
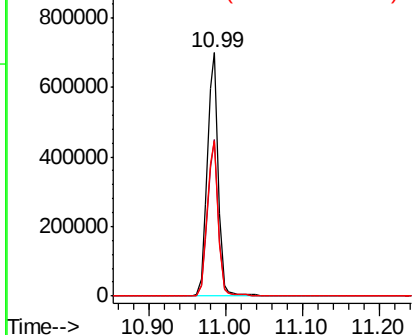


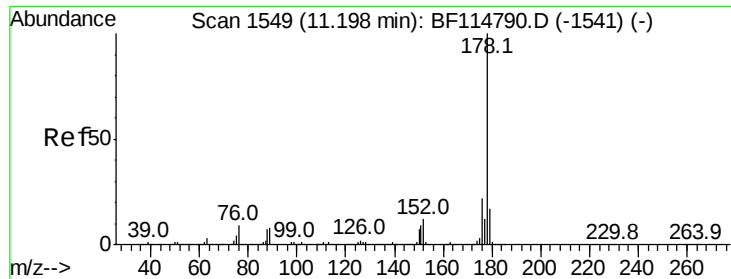
#70
 Pentachlorophenol
 Concen: 70.483 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.6
264	63.9	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

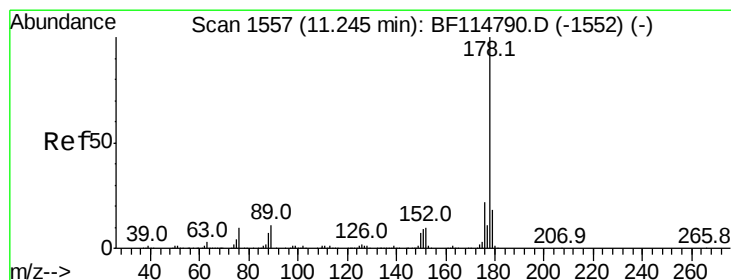
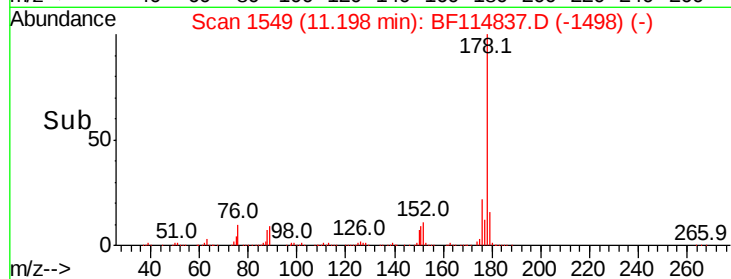
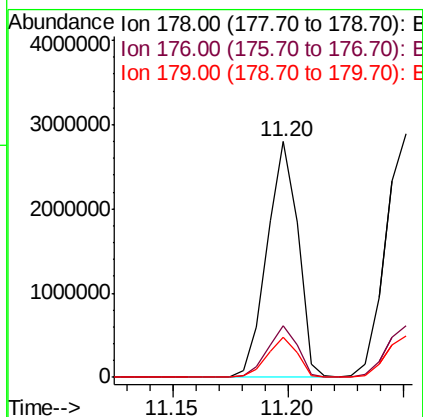
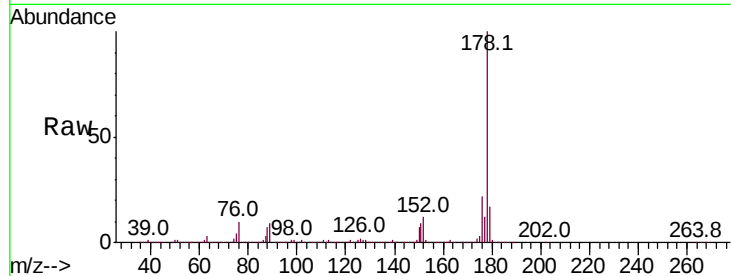




#71
Phenanthrene
Concen: 39.887 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

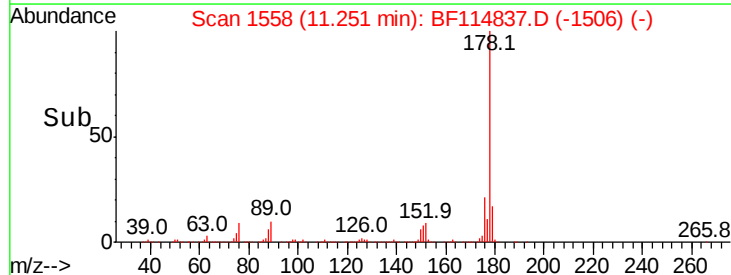
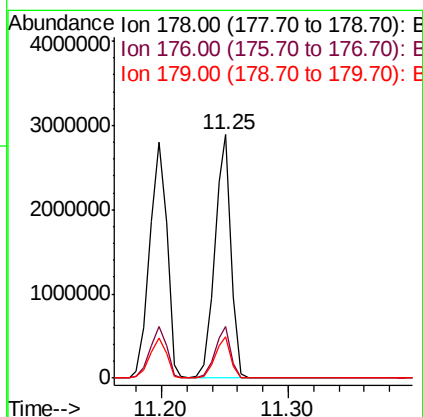
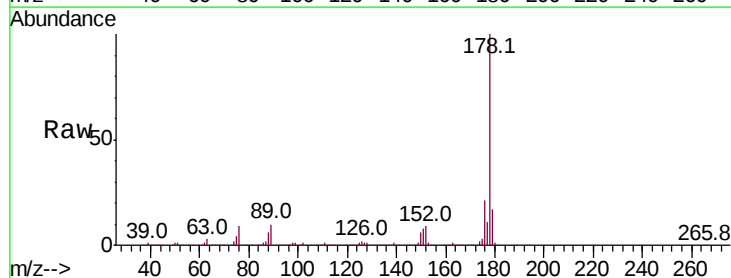
Instrument :
BNA_F
ClientSampleId :

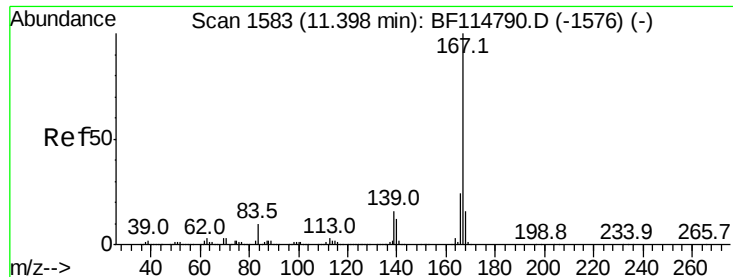
Tot Ion:178 Resp: 2595384
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.2 13.7 20.5



#72
Anthracene
Concen: 37.967 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:178 Resp: 2599905
Ion Ratio Lower Upper
178 100
176 21.1 17.4 26.0
179 17.0 14.2 21.4





#73

Carbazole

Concen: 40.092 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

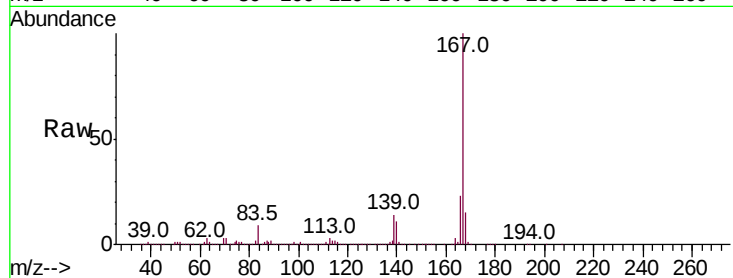
Tot Ion:167 Resp: 2353484

Ion Ratio Lower Upper

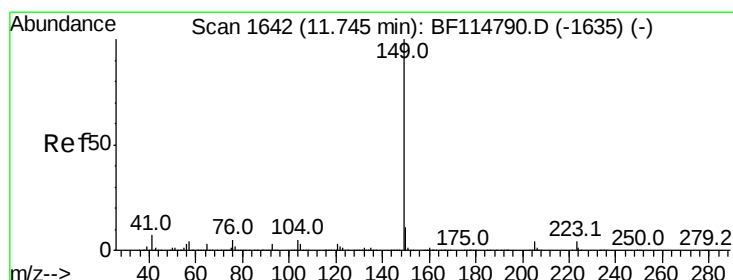
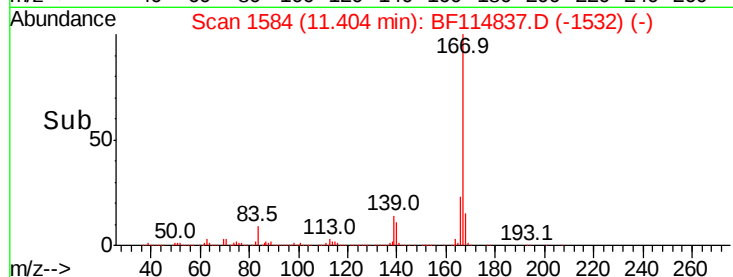
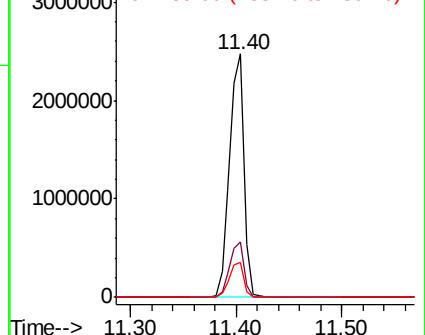
167 100

166 22.8 19.1 28.7

139 14.2 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: 40.063 ng

RT: 11.75 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

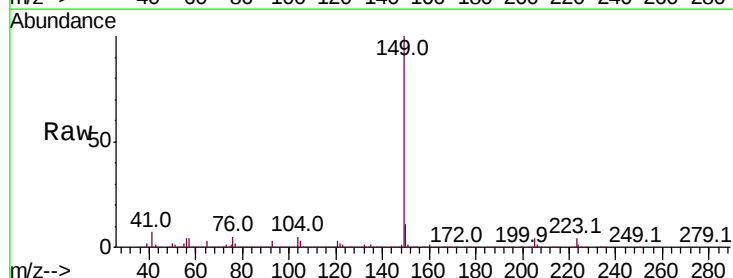
Tgt Ion:149 Resp: 3093237

Ion Ratio Lower Upper

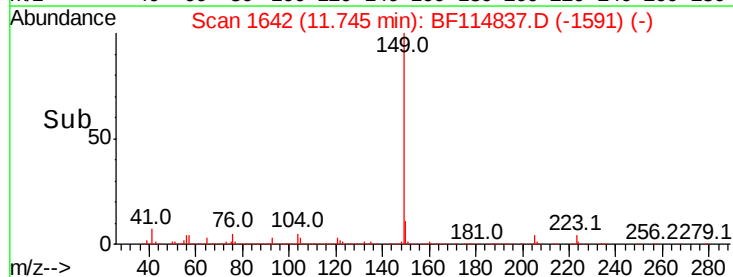
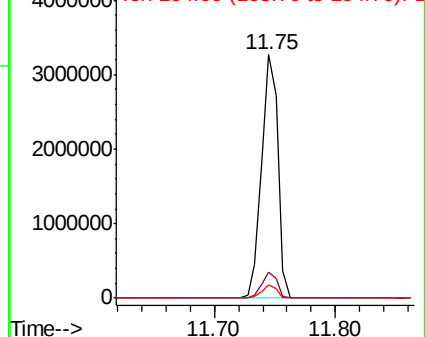
149 100

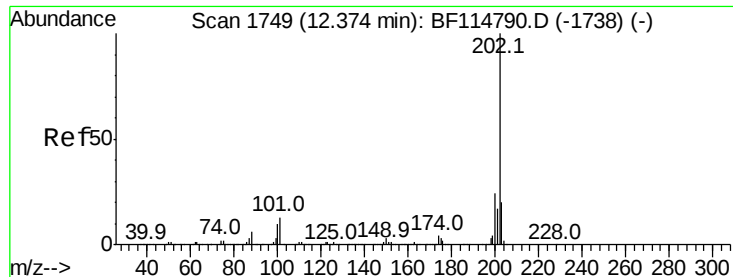
150 10.9 8.9 13.3

104 5.4 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: 37.513 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

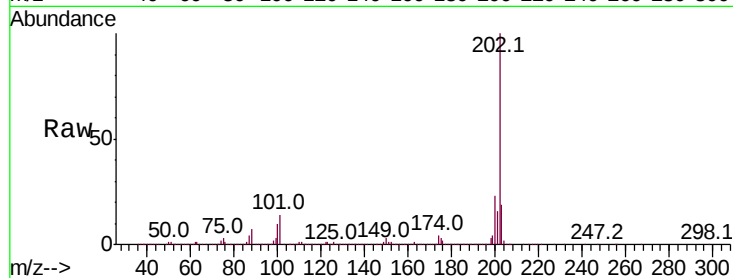
Tot Ion:202 Resp: 2540479

Ion Ratio Lower Upper

202 100

101 14.2 0.0 32.8

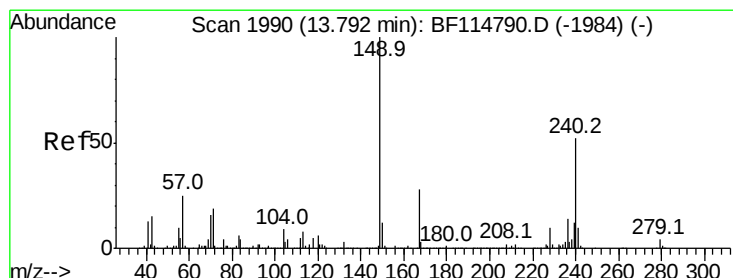
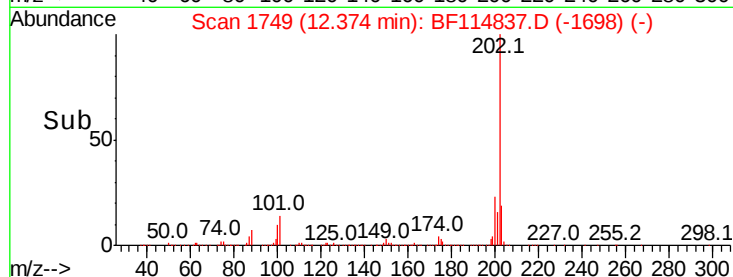
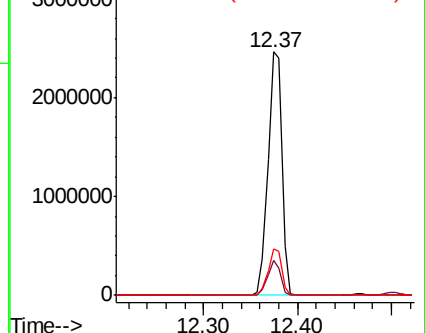
203 19.2 0.2 40.2



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: BF114837.D

Acq: 5 Jun 2019 23:54

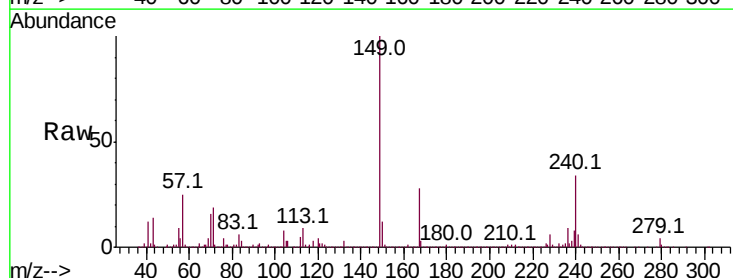
Tgt Ion:240 Resp: 681446

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

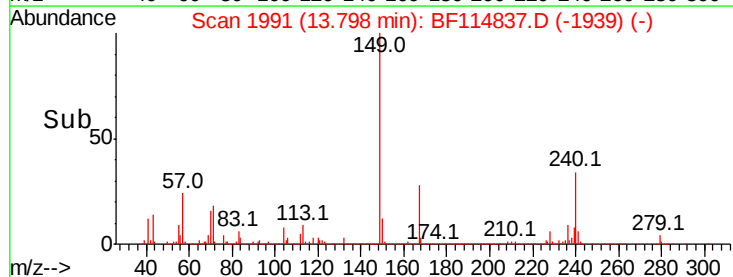
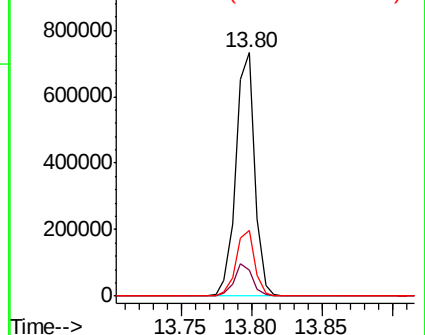
236 26.9 21.4 32.0

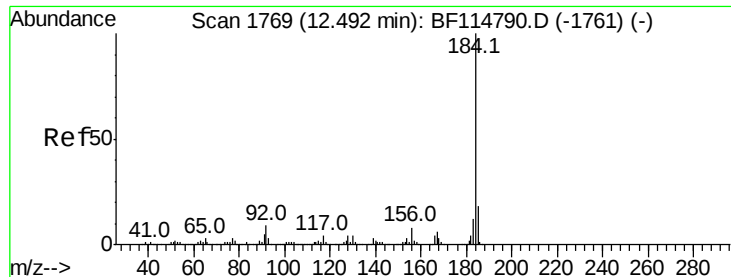


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.571 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampled :

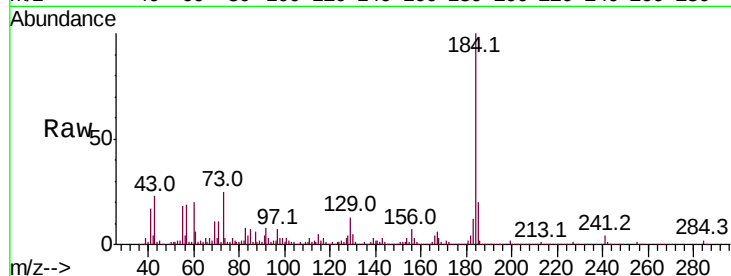
Tot Ion:184 Resp: 930104

Ion Ratio Lower Upper

184 100

185 19.7 14.1 21.1

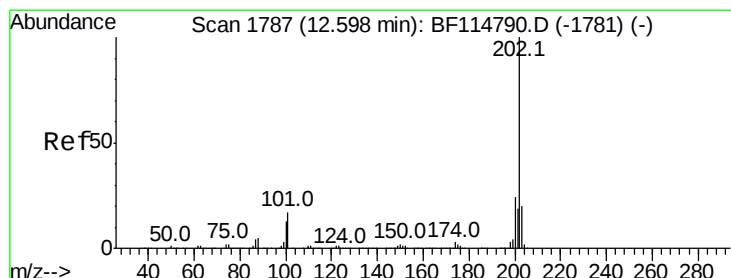
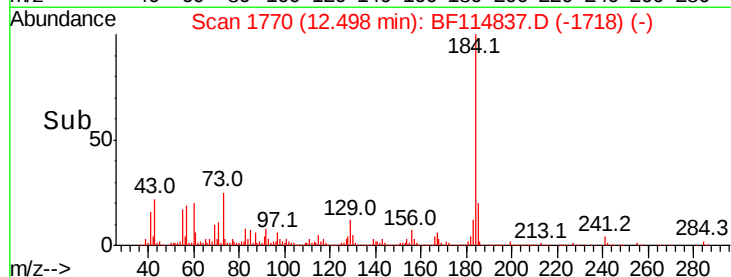
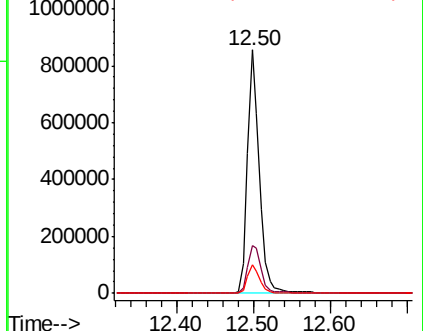
183 11.7 9.9 14.9



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: 42.064 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

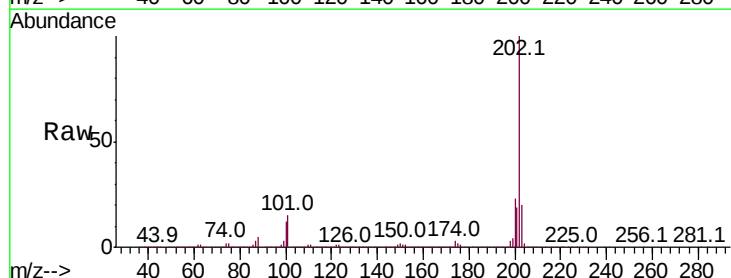
Tgt Ion:202 Resp: 2486655

Ion Ratio Lower Upper

202 100

200 23.4 19.2 28.8

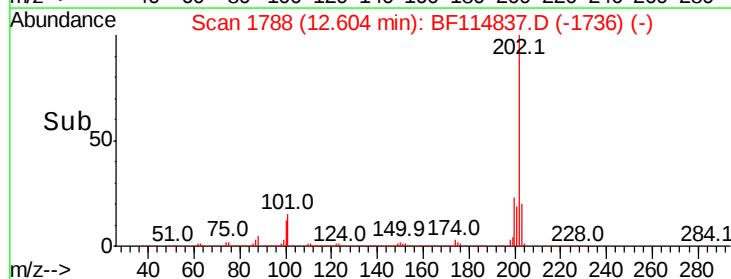
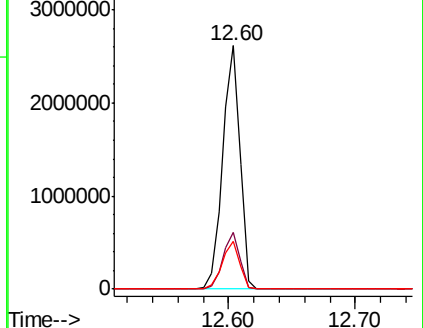
203 19.6 15.9 23.9

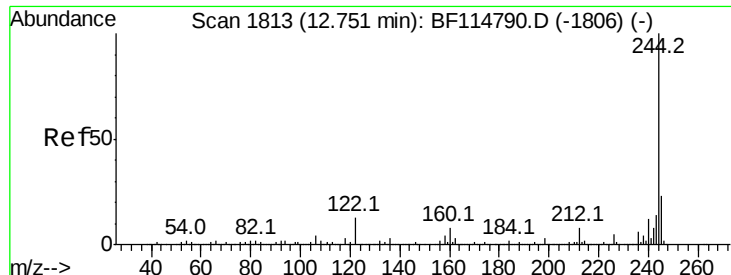


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.408 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

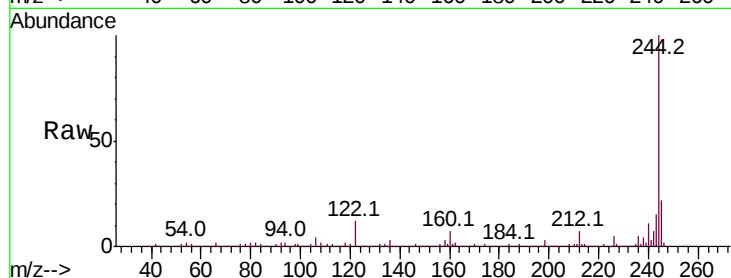
Tot Ion:244 Resp: 2957656

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

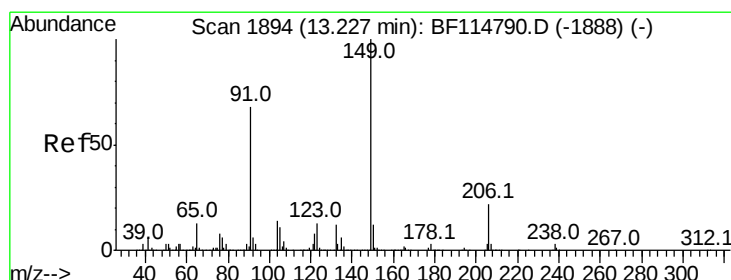
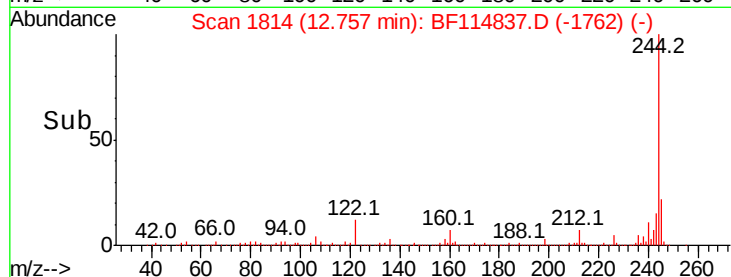
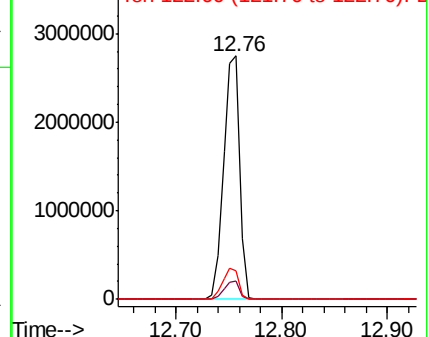
122 11.6 10.5 15.7



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: 45.596 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

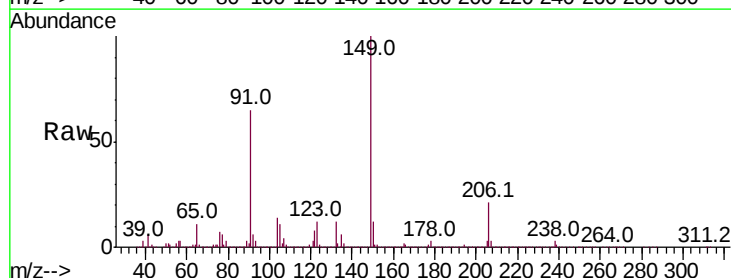
Tgt Ion:149 Resp: 1361156

Ion Ratio Lower Upper

149 100

91 65.1 54.6 82.0

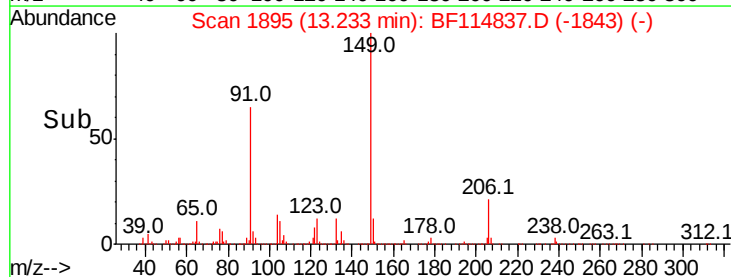
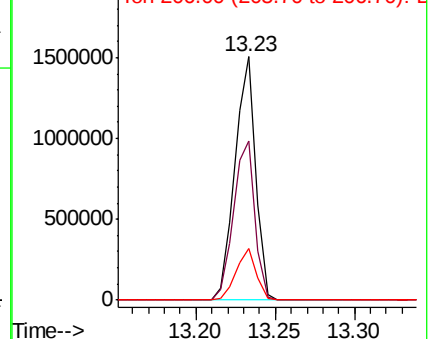
206 21.1 17.2 25.8

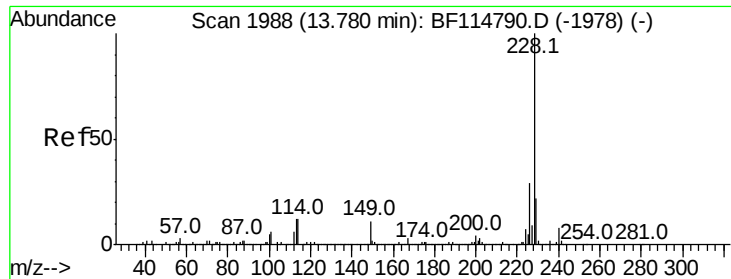


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

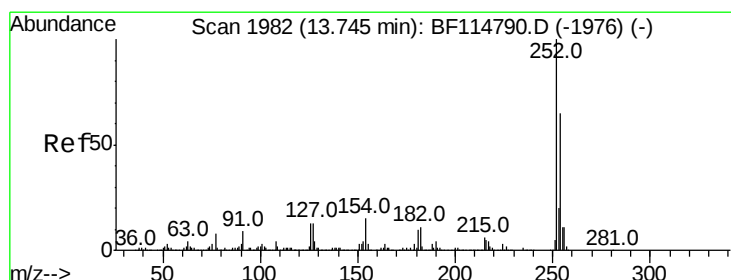
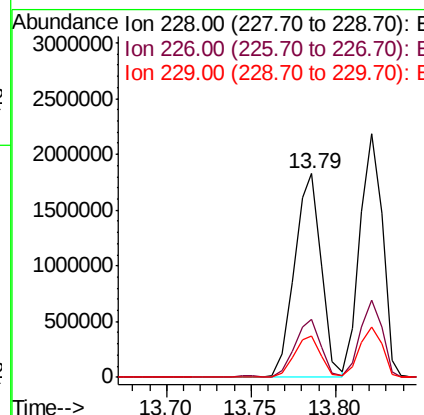
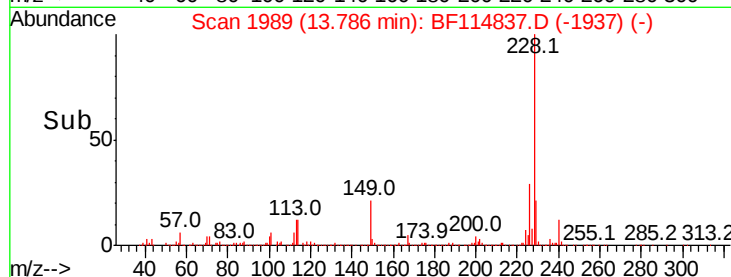
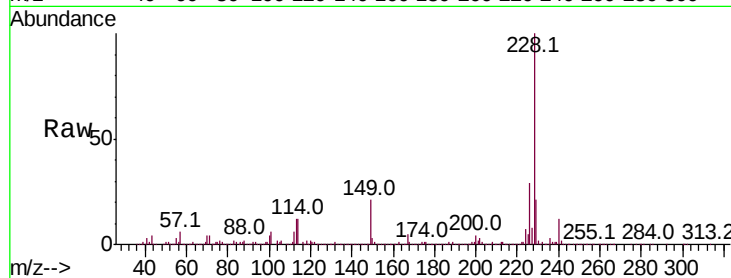




#81
Benzo(a)anthracene
Concen: 38.268 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

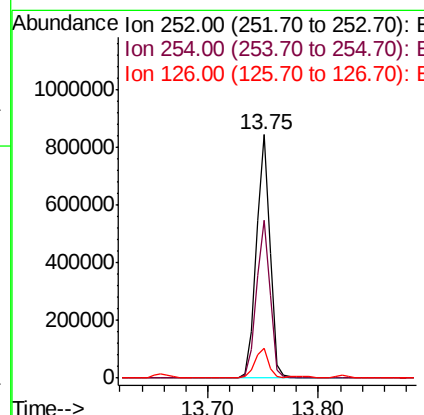
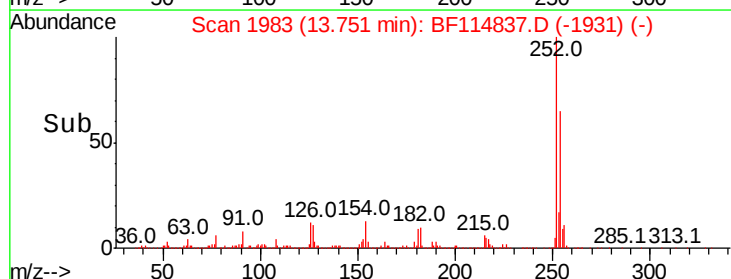
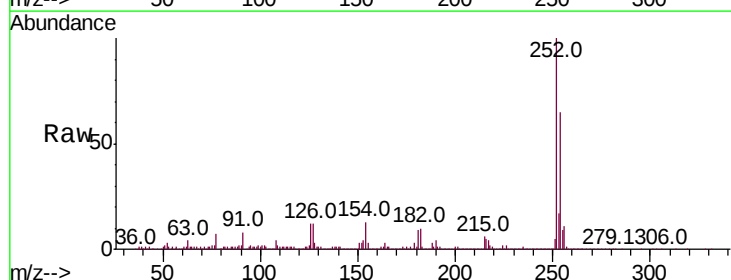
Instrument :
BNA_F
ClientSampleId :

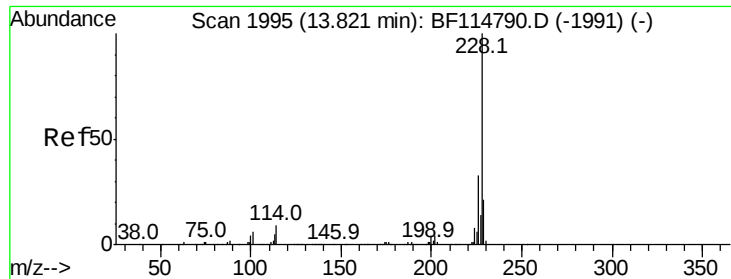
Tot Ion:228 Resp: 2009528
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 20.6 17.4 26.0



#82
3,3'-Dichlorobenzidine
Concen: 34.451 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:252 Resp: 733563
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 12.1 10.5 15.7





#83

Chrysene

Concen: 39.793 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

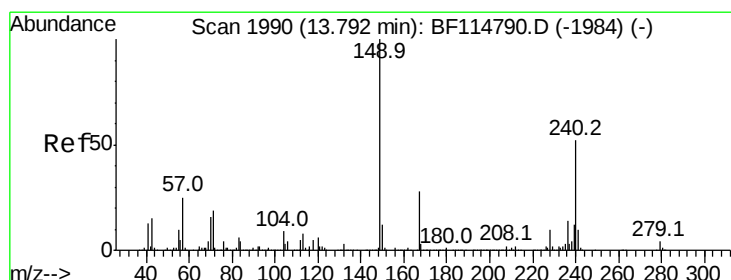
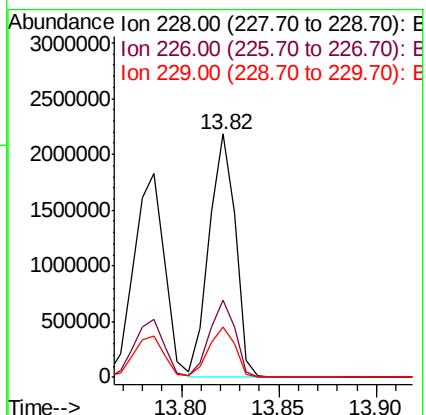
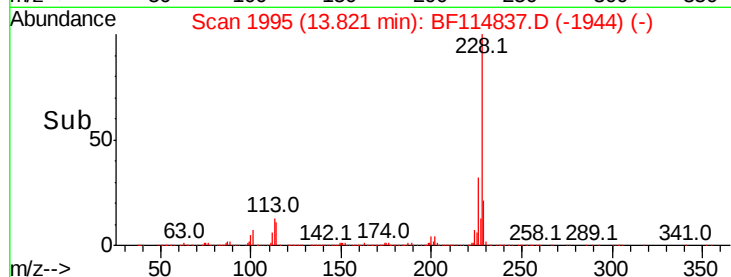
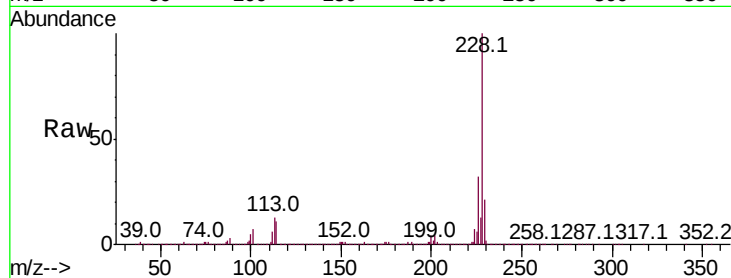
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 2032804

Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.0	39.0
229	20.9	17.1	25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.983 ng

RT: 13.80 min Scan# 1991

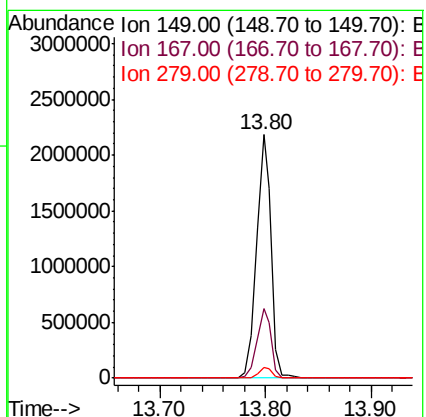
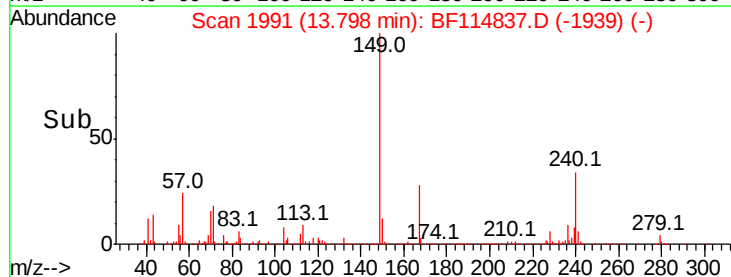
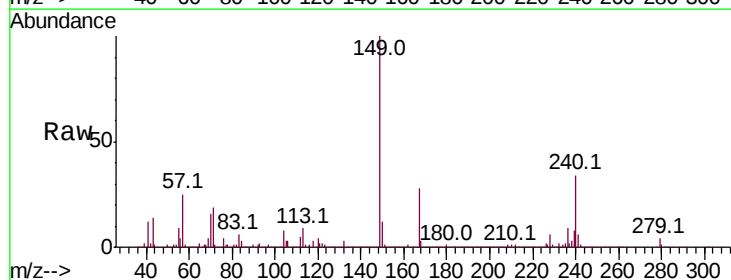
Delta R.T. 0.01 min

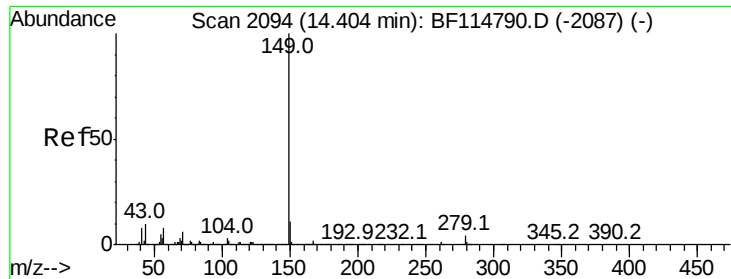
Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Tgt Ion:149 Resp: 2113276

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	4.2	3.1	4.7

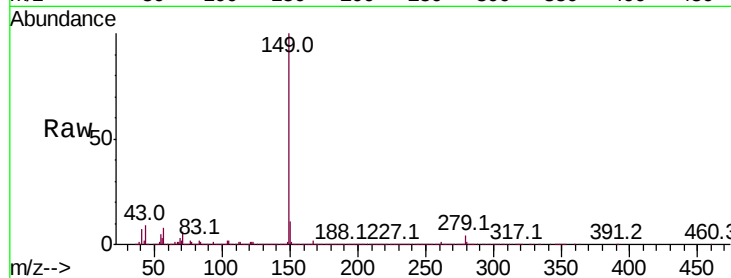




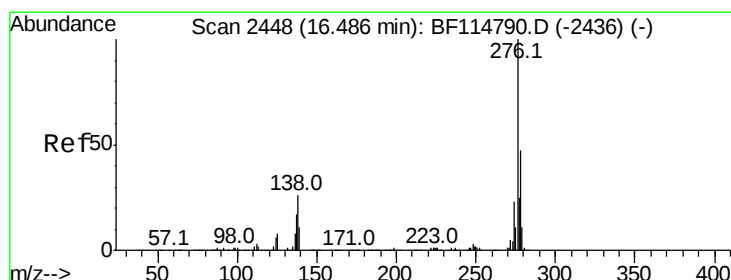
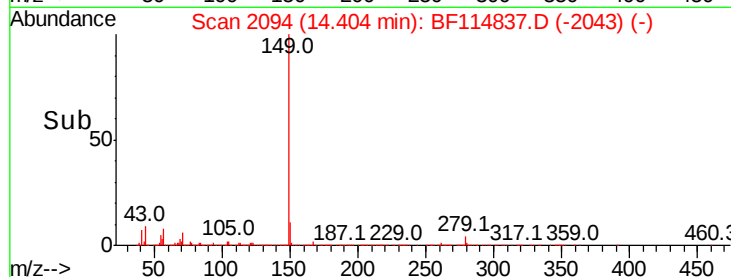
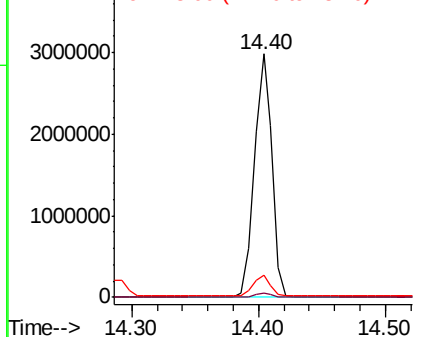
#85
Di-n-octyl phthalate
Concen: 45.134 ng
RT: 14.40 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2894919
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.3 7.0 10.6

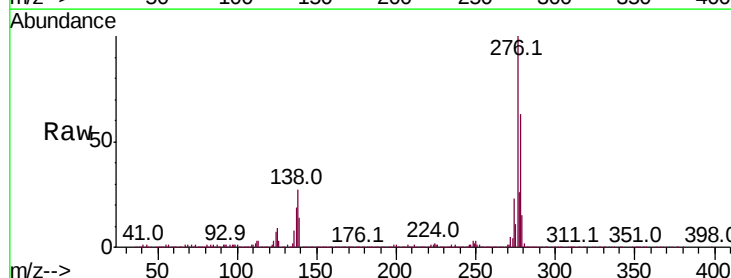


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

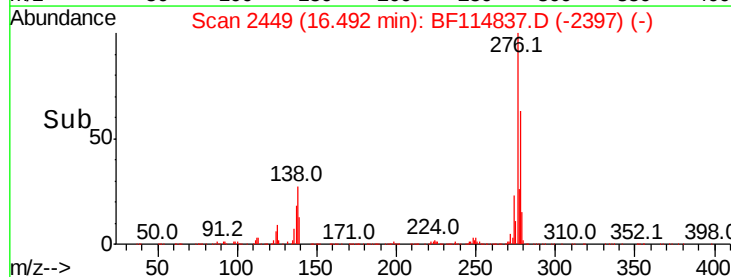
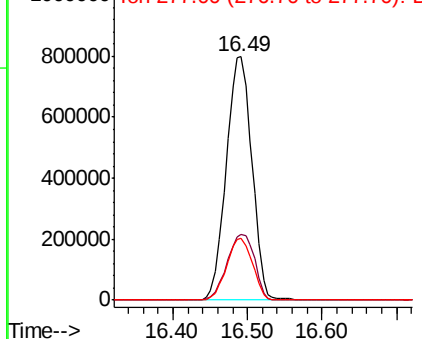


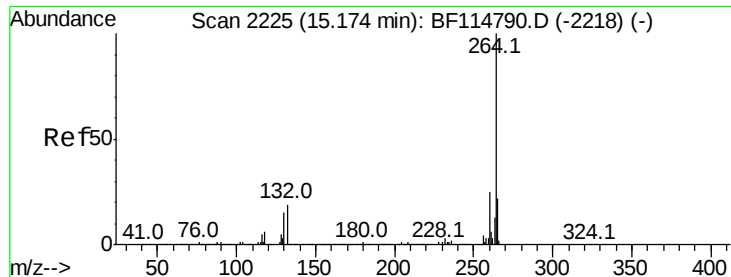
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.652 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:276 Resp: 1903141
Ion Ratio Lower Upper
276 100
138 28.9 22.2 33.4
277 25.7 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: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

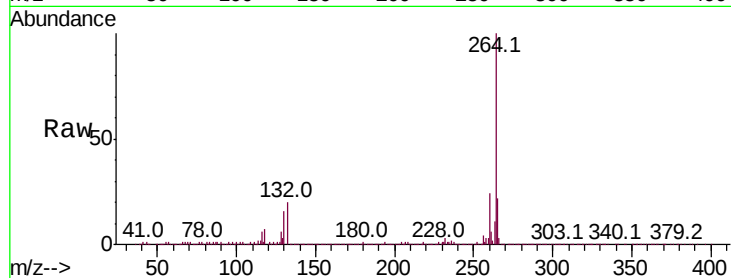
Tot Ion:264 Resp: 953896

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	22.4	17.7	26.5

264 100

260 24.3 20.1 30.1

265 22.4 17.7 26.5

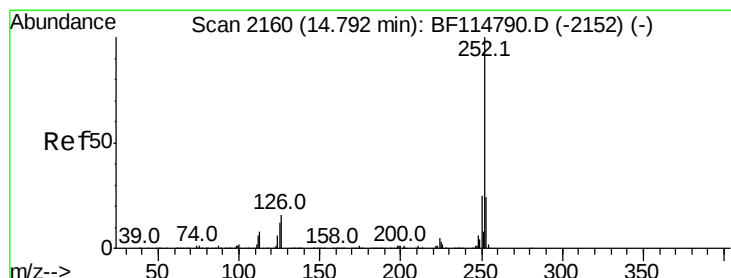
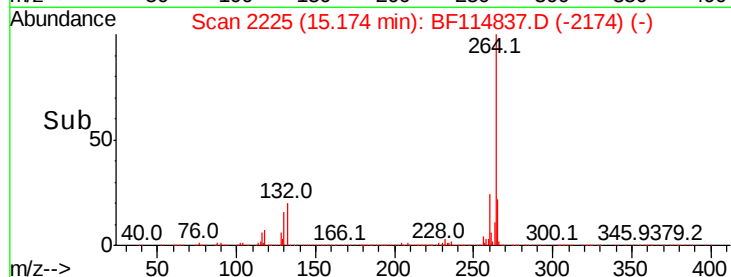
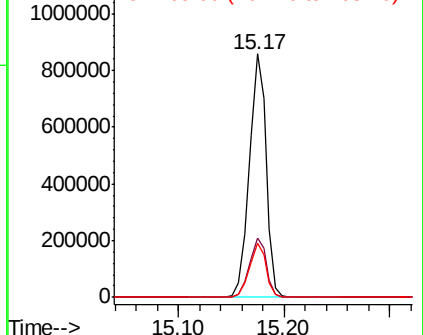


Abundance

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: 35.626 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

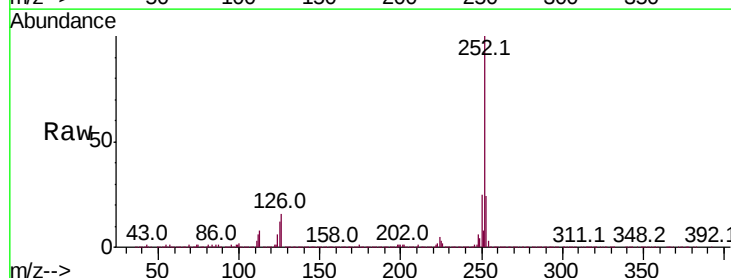
Tgt Ion:252 Resp: 2163466

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	12.2	9.4	14.0

252 100

253 23.6 19.0 28.6

125 12.2 9.4 14.0

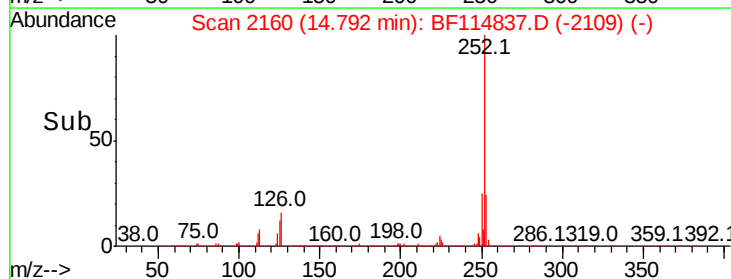
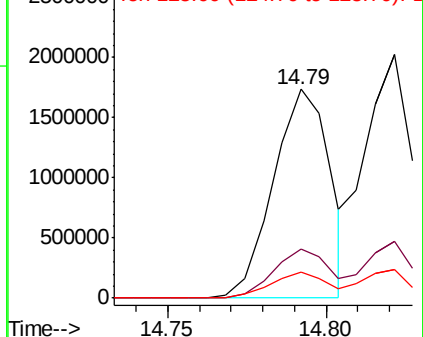


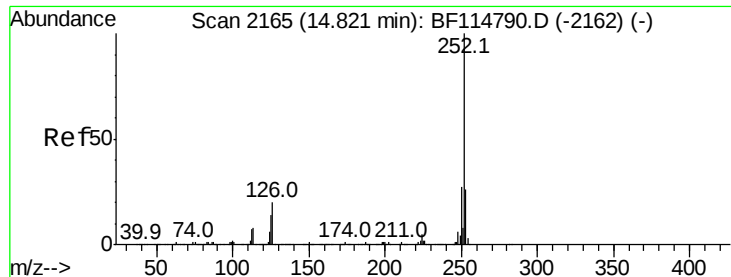
Abundance

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

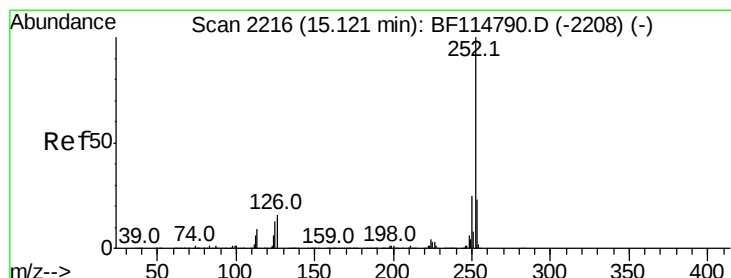
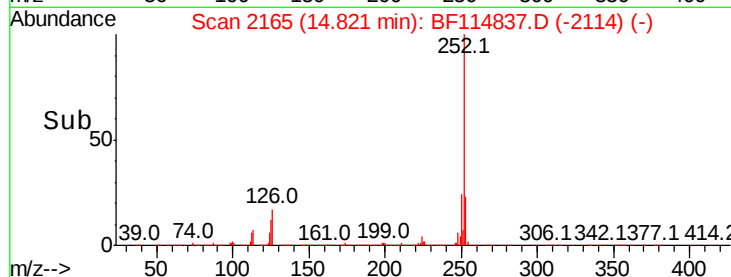
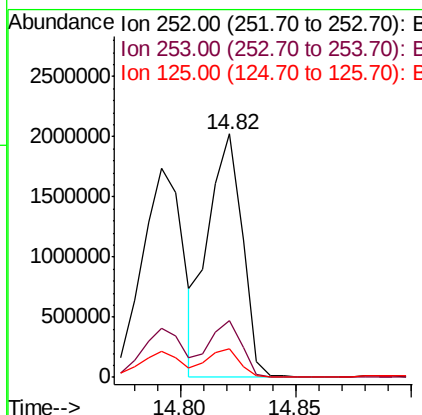
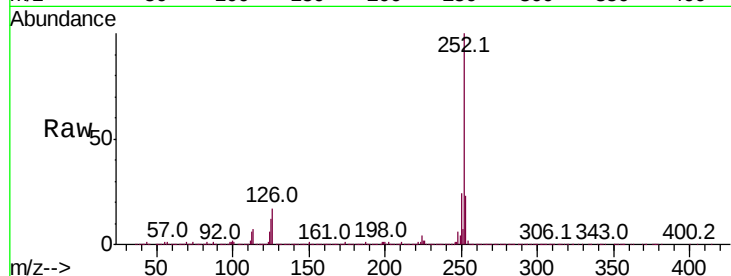




#89
Benzo(k)fluoranthene
Concen: 39.839 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

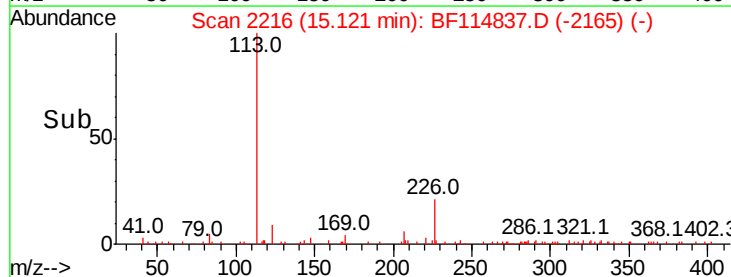
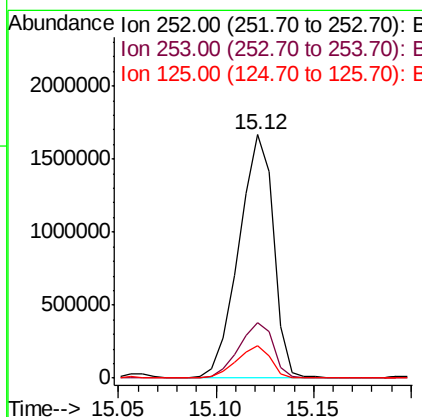
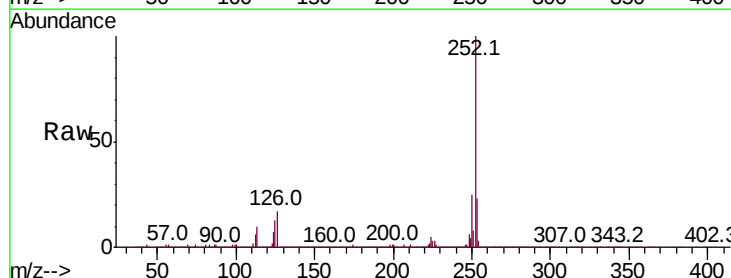
Instrument :
BNA_F
ClientSampleId :

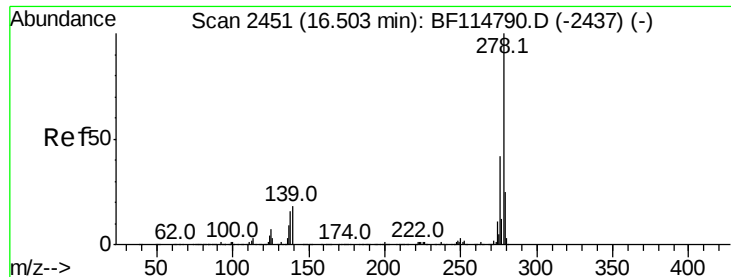
Tot Ion:252 Resp: 2054520
Ion Ratio Lower Upper
252 100
253 23.2 19.3 28.9
125 11.9 10.1 15.1



#90
Benzo(a)pyrene
Concen: 38.927 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:252 Resp: 2046052
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 32.915 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

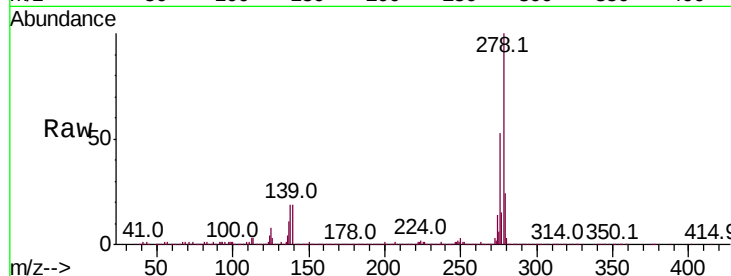
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1638369

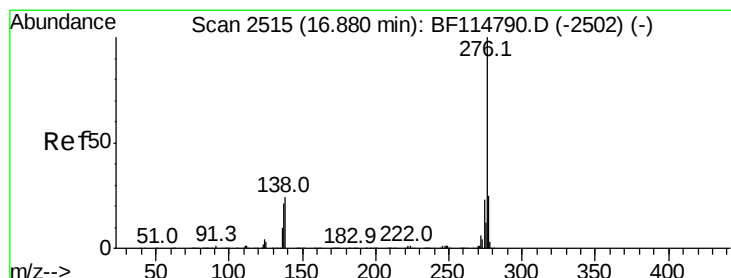
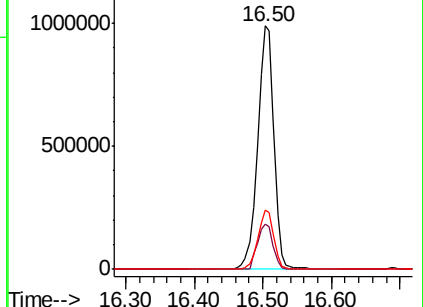
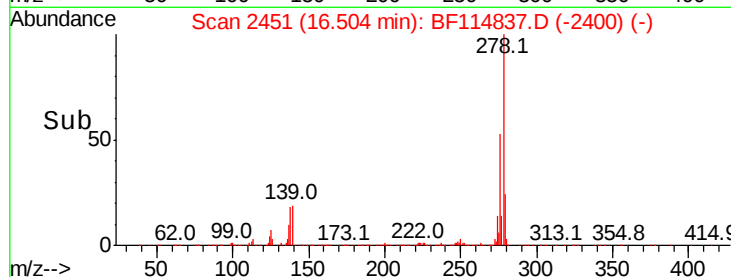
Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.6	22.0
279	24.2	20.1	30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 29.444 ng

RT: 16.88 min Scan# 2515

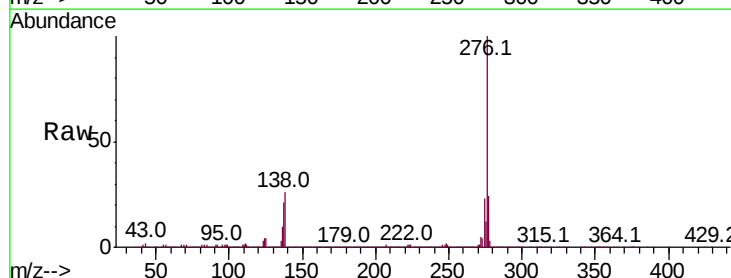
Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Tgt Ion:276 Resp: 1473819

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.6
138	25.5	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

