

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109788.D
 Acq On : 11 Oct 2018 15:52
 Operator : JU/SJ
 Sample : J5309-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Quant Time: Oct 11 16:38:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83373	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	334495	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	158673	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	283815	20.00	ng	0.00
75) Chrysene-d12	13.83	240	181176	20.00	ng	0.00
86) Perylene-d12	15.23	264	213507	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	541593	115.31	ng	0.00
7) Phenol-d6	6.35	99	712131	113.49	ng	0.00
23) Nitrobenzene-d5	7.26	82	437894	72.16	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	176572	102.13	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	827602	71.83	ng	0.00
78) Terphenyl-d14	12.78	244	676141	72.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	70887	28.756	ng	93
3) Pyridine	3.14	79	134052	26.359	ng	98
4) n-Nitrosodimethylamine	3.06	42	67493	36.768	ng	93
6) Aniline	6.37	93	103206	14.120	ng	# 41
8) 2-Chlorophenol	6.49	128	213851	37.020	ng	99
9) Benzaldehyde	6.25	77	95678	23.696	ng	98
10) Phenol	6.36	94	238397	33.134	ng	# 76
11) bis(2-Chloroethyl)ether	6.43	93	177467	29.751	ng	99
12) 1,3-Dichlorobenzene	6.63	146	217130	32.864	ng	98
13) 1,4-Dichlorobenzene	6.72	146	240336	33.370	ng	99
14) 1,2-Dichlorobenzene	6.86	146	213182	33.705	ng	98
15) Benzyl Alcohol	6.85	79	171140	36.791	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	266410	33.682	ng	98
17) 2-Methylphenol	6.97	107	166996	36.557	ng	99
18) Hexachloroethane	7.20	117	86340	33.916	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	152045	34.554	ng	98
20) 3+4-Methylphenols	7.12	107	203931	36.229	ng	93
22) Acetophenone	7.11	105	309671	38.284	ng	# 98
24) Nitrobenzene	7.28	77	220237	34.880	ng	99
25) Isophorone	7.52	82	419197	41.602	ng	100
26) 2-Nitrophenol	7.60	139	103316	34.981	ng	95
27) 2,4-Dimethylphenol	7.65	122	184907	43.355	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	262081	38.452	ng	98
29) 2,4-Dichlorophenol	7.85	162	178021	37.213	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	184779	34.892	ng	98
31) Naphthalene	8.00	128	616117	39.828	ng	100
32) Benzoic acid	7.65	122	184907	60.639	ng	# 12
33) 4-Chloroaniline	8.06	127	54760	8.038	ng	97
34) Hexachlorobutadiene	8.12	225	113756	34.548	ng	97
35) Caprolactam	8.42	113	43546	30.480	ng	90
36) 4-Chloro-3-methylphenol	8.55	107	191934	38.008	ng	100
37) 2-Methylnaphthalene	8.69	142	396692	39.148	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	191215	35.402	ng	99
40) Hexachlorocyclopentadiene	8.85	237	143508	62.419	ng	99

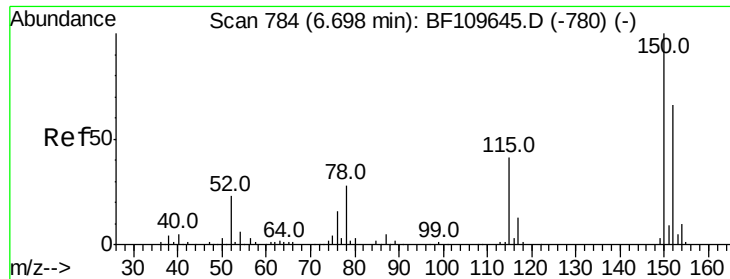
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109788.D
 Acq On : 11 Oct 2018 15:52
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	115100	35.647	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	135310	36.447	nq	98
45) 1,1'-Biphenyl	9.15	154	495417	34.950	nq	100
46) 2-Chloronaphthalene	9.17	162	380059	35.788	nq	99
47) 2-Nitroaniline	9.27	65	122395	38.063	nq	99
48) Acenaphthylene	9.59	152	603364	38.971	nq	99
49) Dimethylphthalate	9.45	163	515098	44.263	nq	99
50) 2,6-Dinitrotoluene	9.52	165	93546	37.084	nq	99
51) Acenaphthene	9.76	154	336793	36.696	nq	99
52) 3-Nitroaniline	9.69	138	42458	15.015	nq	99
53) 2,4-Dinitrophenol	9.82	184	7256	8.915	nq	# 40
54) Dibenzofuran	9.93	168	500180	36.357	nq	98
55) 4-Nitrophenol	9.87	139	77632	50.157	nq	89
56) 2,4-Dinitrotoluene	9.92	165	115395	36.656	nq	96
57) Fluorene	10.27	166	401653	39.095	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	101497	33.632	nq	97
59) Diethylphthalate	10.15	149	432218	37.485	nq	100
60) 4-Chlorophenyl-phenylether	10.26	204	192657	35.545	nq	99
61) 4-Nitroaniline	10.30	138	86079	32.871	nq	98
62) Azobenzene	10.42	77	434972	37.149	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	25066	18.145	nq	91
65) n-Nitrosodiphenylamine	10.39	169	367347	38.180	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	120815	37.048	nq	97
67) Hexachlorobenzene	10.82	284	128013	36.251	nq	96
68) Atrazine	10.91	200	110114	36.672	nq	99
69) Pentachlorophenol	11.02	266	85158	42.856	nq	99
70) Phenanthrene	11.23	178	535271	37.687	nq	99
71) Anthracene	11.28	178	596290	40.613	nq	99
72) Carbazole	11.44	167	485691	34.108	nq	99
73) Di-n-butylphthalate	11.76	149	599197	36.280	nq	99
74) Fluoranthene	12.41	202	514352	34.665	nq	98
76) Benzidine	12.54	184	113225	16.823	nq	97
77) Pyrene	12.63	202	497885	37.508	nq	98
79) Butylbenzylphthalate	13.25	149	210336	36.548	nq	98
80) Benzo(a)anthracene	13.82	228	379154	37.923	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	81386	20.216	nq	99
82) Chrysene	13.86	228	400019	38.091	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	279253	39.772	nq	98
84) Di-n-octyl phthalate	14.42	149	514732	46.379	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	515559	68.588	nq	100
87) Benzo(b)fluoranthene	14.83	252	386058	32.720	nq	99
88) Benzo(k)fluoranthene	14.86	252	449378	37.907	nq	98
89) Benzo(a)pyrene	15.17	252	420671	39.289	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	434612	49.424	nq	98
91) Benzo(g,h,i)perylene	16.99	276	430511	49.027	nq	99

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

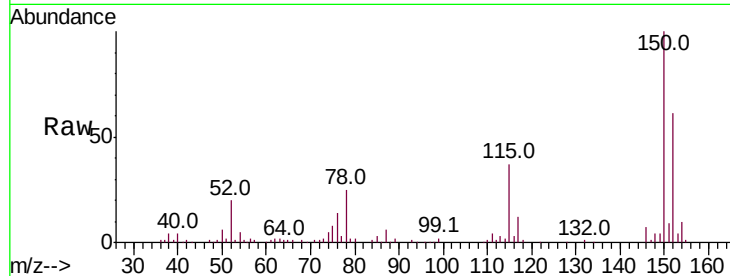


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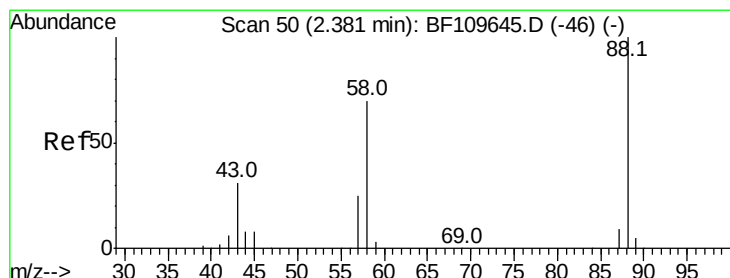
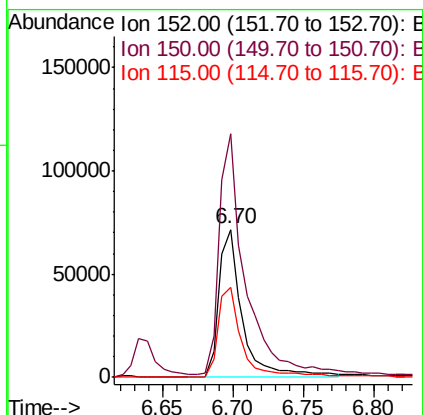
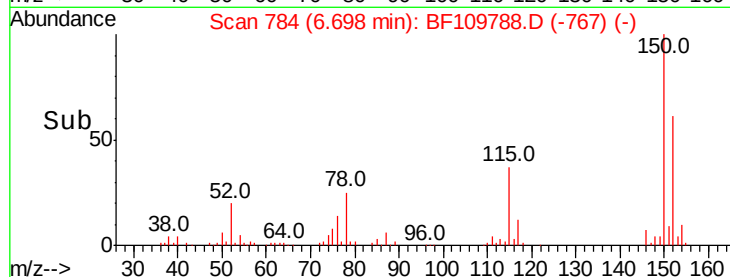
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:152 Resp: 83373
 Ion Ratio Lower Upper
 152 100
 150 164.8 122.7 184.1
 115 61.3 49.1 73.7



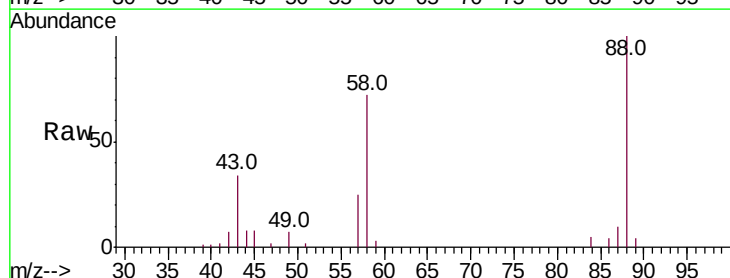
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



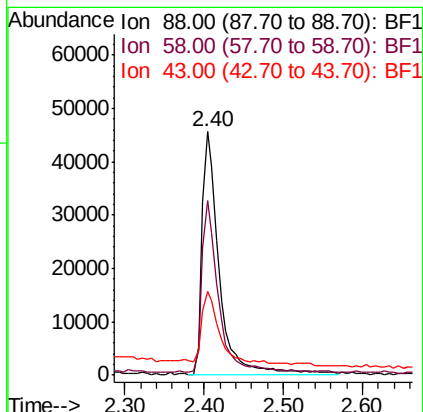
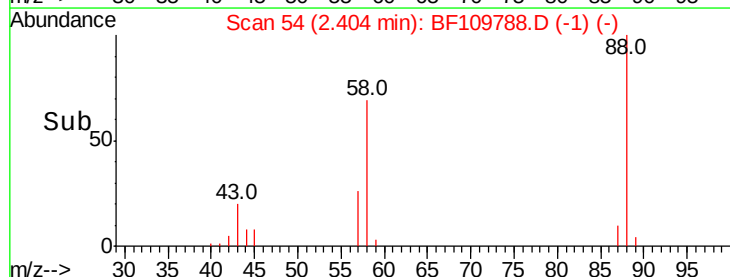
#2

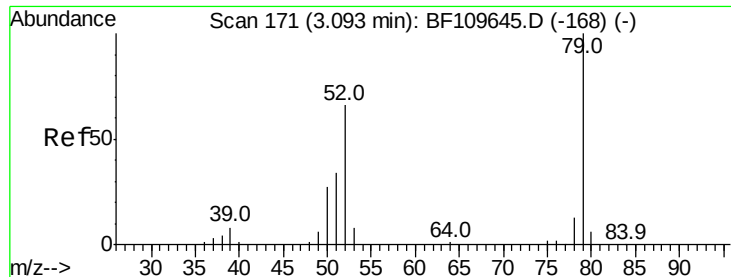
1,4-Dioxane
 Concen: 28.756 ng
 RT: 2.40 min Scan# 54
 Delta R.T. 0.02 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion: 88 Resp: 70887
 Ion Ratio Lower Upper
 88 100
 58 65.6 57.1 85.7
 43 26.0 24.1 36.1



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: 26.359 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.05 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

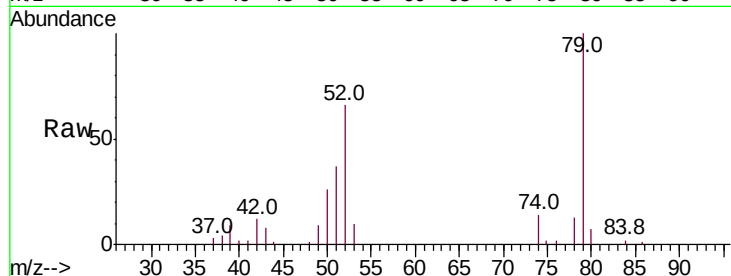
Tot Ion: 79 Resp: 134052

Ion Ratio Lower Upper

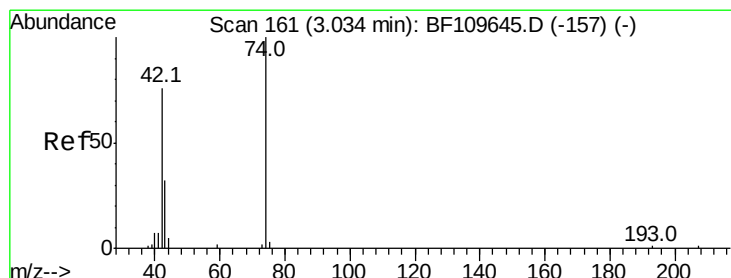
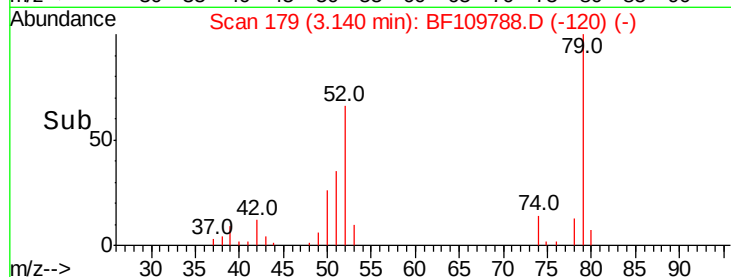
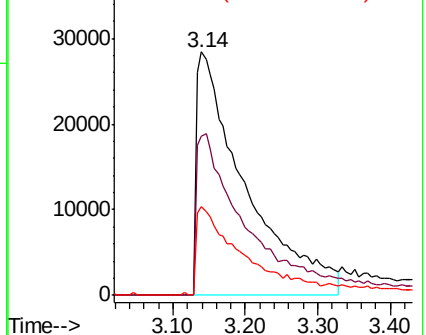
79 100

52 65.6 53.1 79.7

51 36.7 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 36.768 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

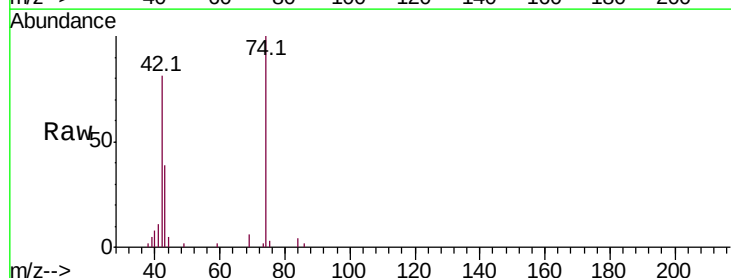
Tgt Ion: 42 Resp: 67493

Ion Ratio Lower Upper

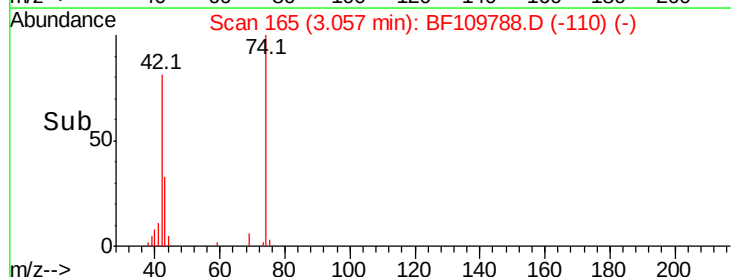
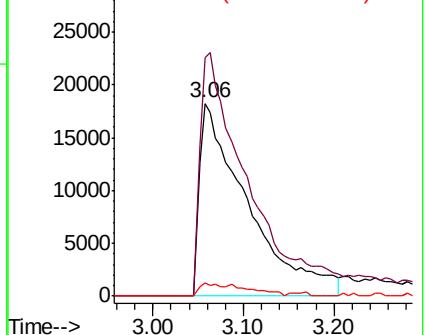
42 100

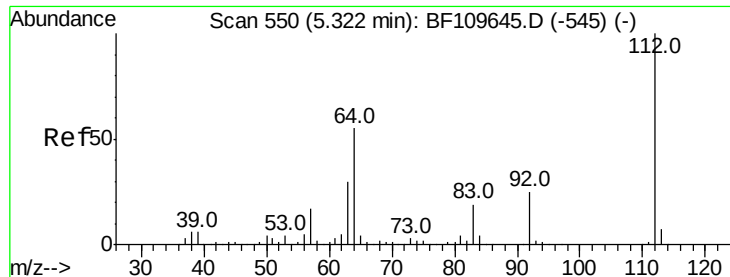
74 123.9 105.5 158.3

44 6.7 4.9 7.3



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

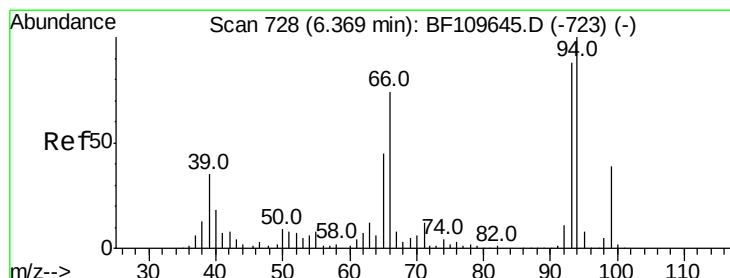
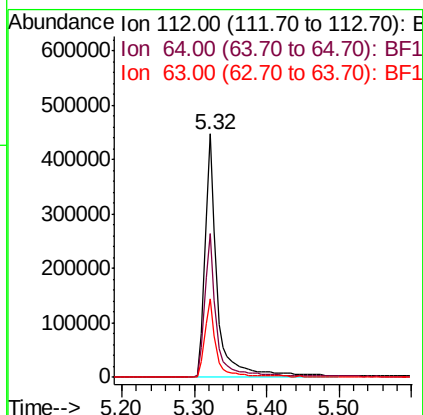
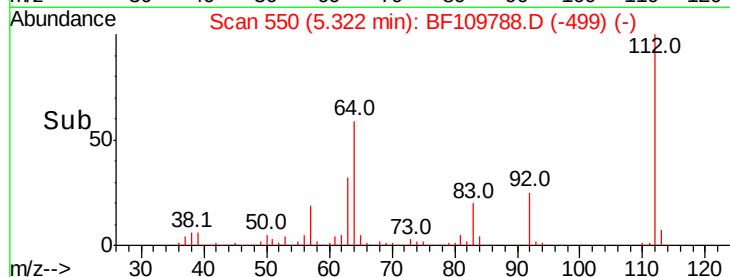
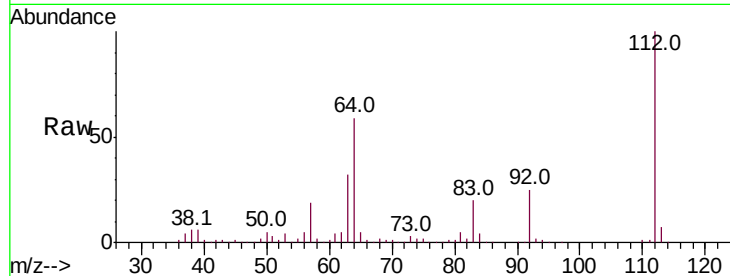




#5
 2-Fluorophenol
 Concen: 115.306 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

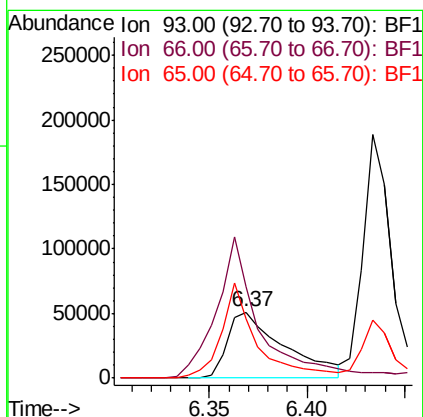
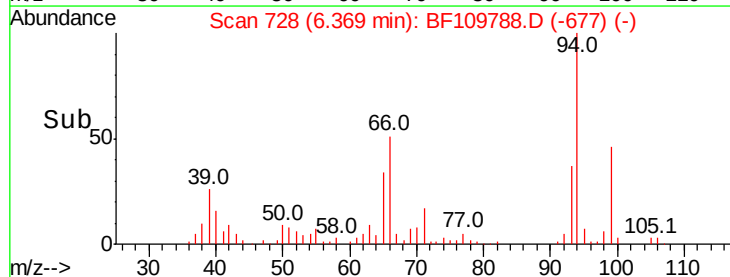
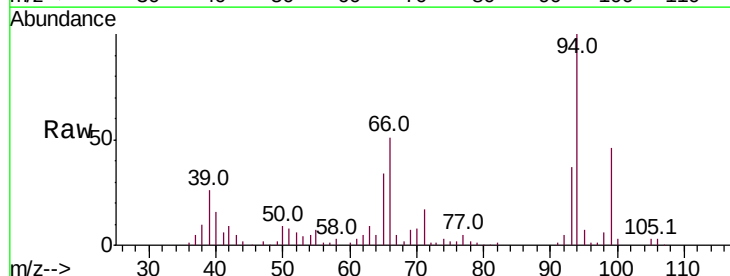
Instrument :
 BNA_F
 ClientSampled :
 S-23MSD

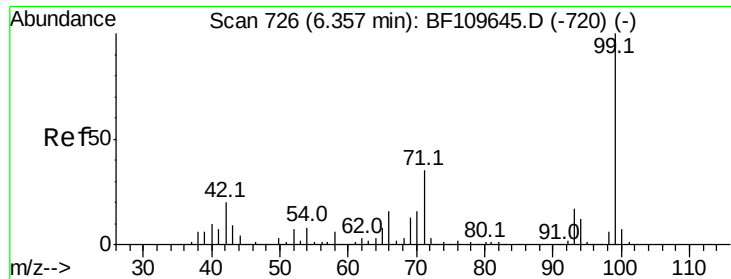
Tot Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	32.0	23.7	35.5



#6
 Aniline
 Concen: 14.120 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	138.4	67.4	101.0#
65	91.2	41.0	61.4#





#7

Phenol-d6

Concen: 113.493 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

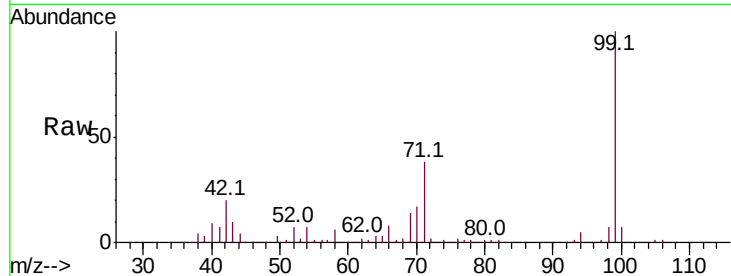
Tot Ion: 99 Resp: 712131

Ion Ratio Lower Upper

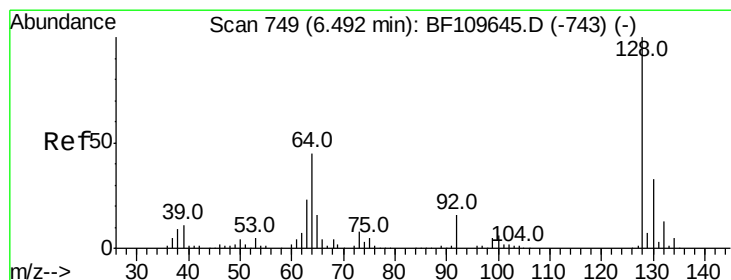
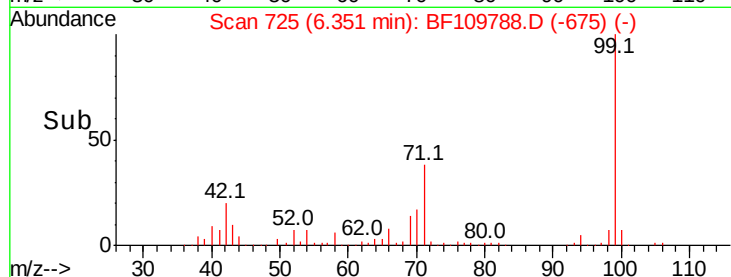
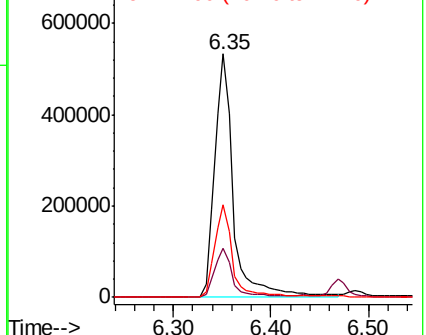
99 100

42 20.3 15.8 23.6

71 37.9 28.0 42.0



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: 37.020 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

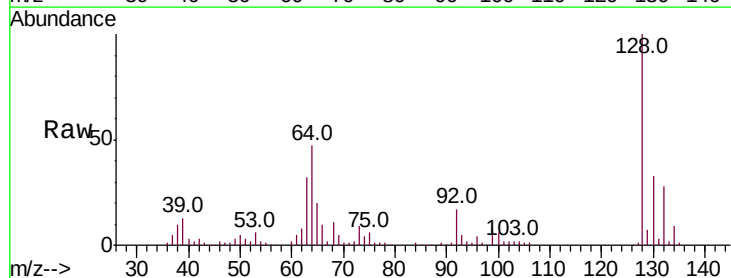
Tgt Ion:128 Resp: 213851

Ion Ratio Lower Upper

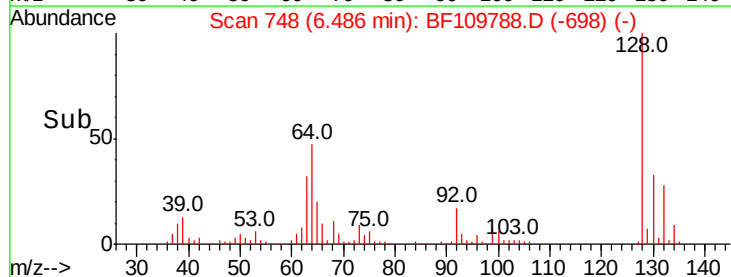
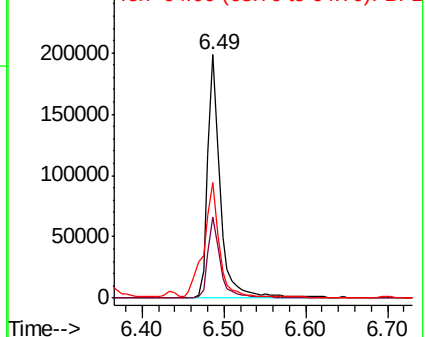
128 100

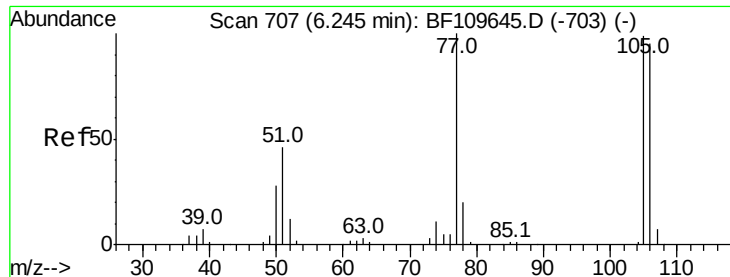
130 33.1 13.1 53.1

64 47.4 26.0 66.0



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: 23.696 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

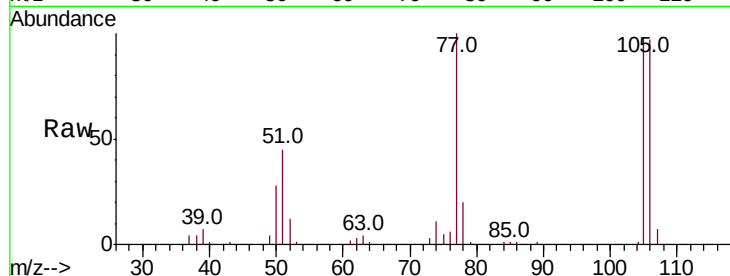
Tot Ion: 77 Resp: 95678

Ion Ratio Lower Upper

77 100

105 97.6 78.6 118.6

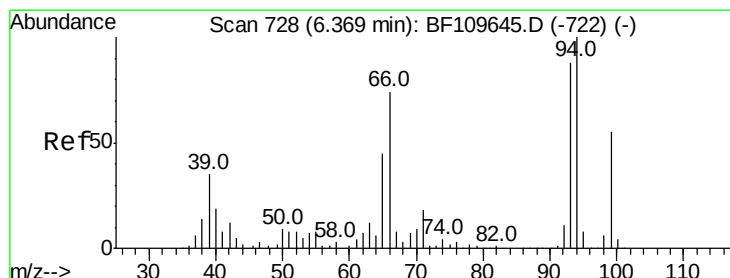
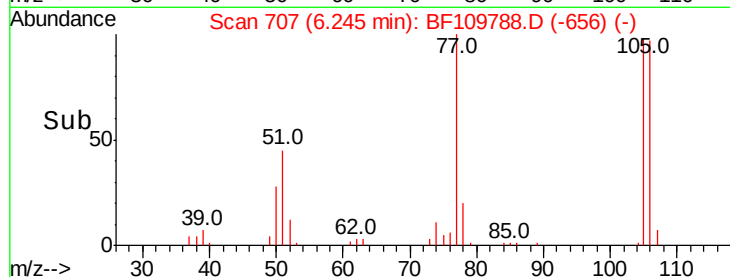
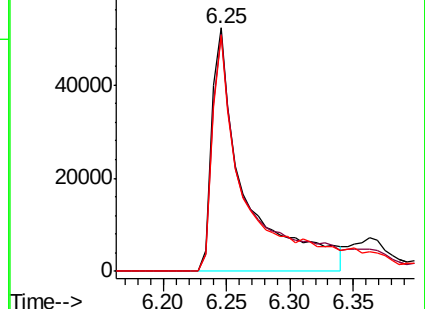
106 96.7 74.8 114.8



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: 33.134 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

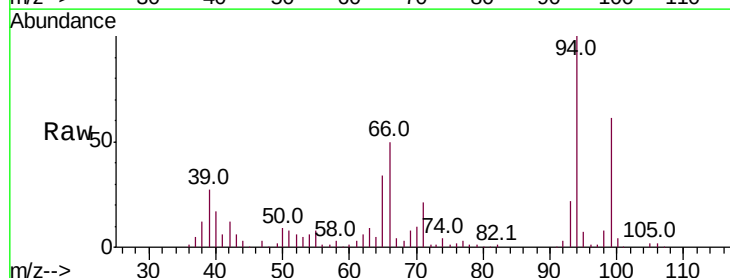
Tgt Ion: 94 Resp: 238397

Ion Ratio Lower Upper

94 100

65 34.1 25.3 65.3

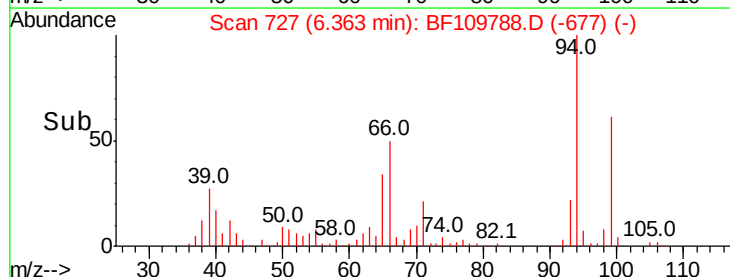
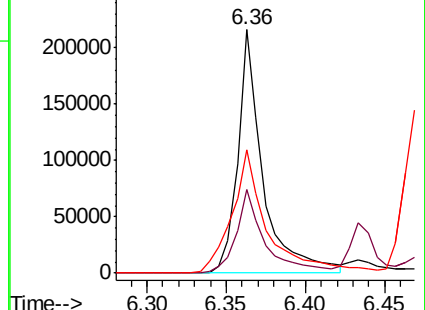
66 50.5 54.5 94.5#

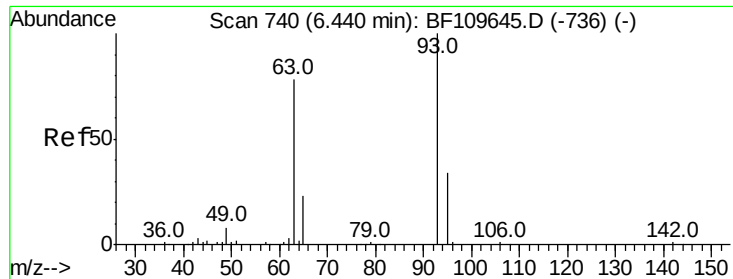


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

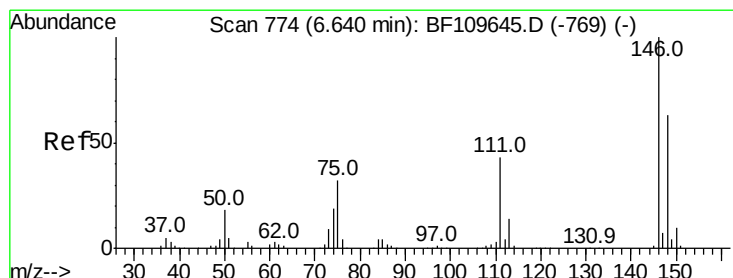
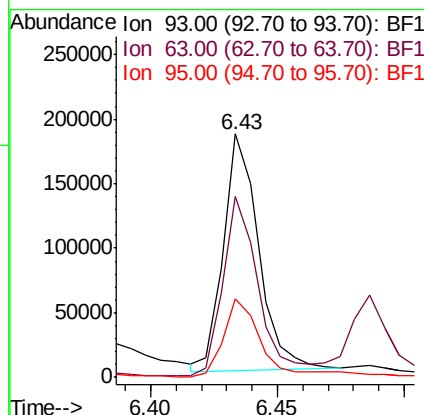
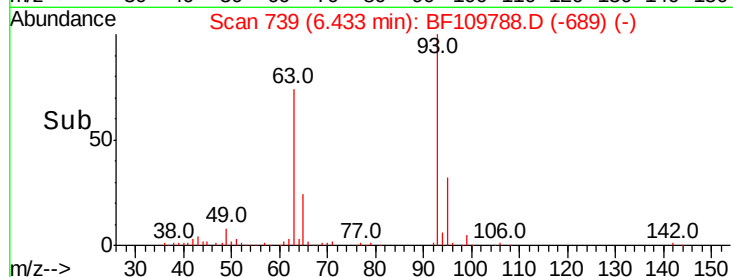
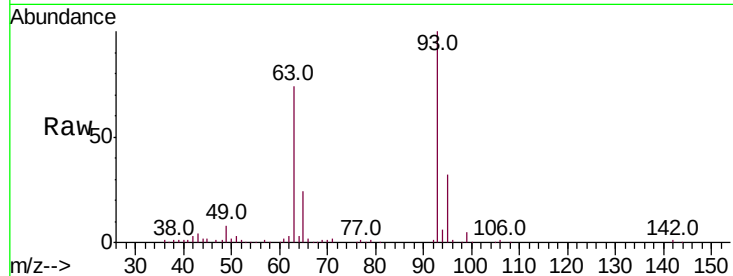




#11
 bis(2-Chloroethyl)ether
 Concen: 29.751 ng
 RT: 6.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

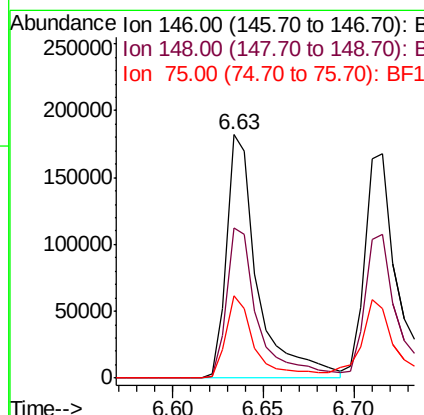
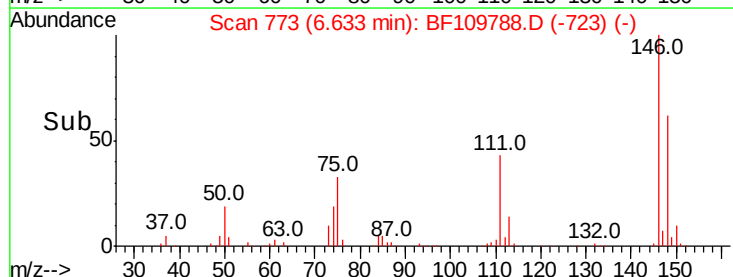
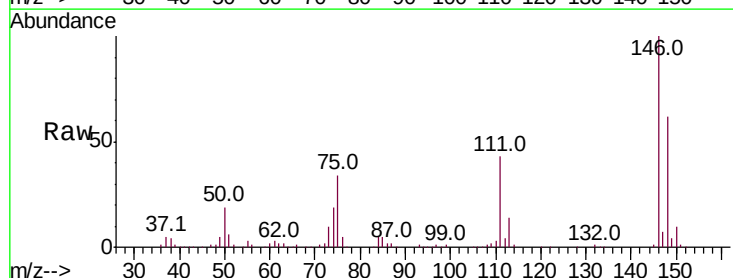
Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

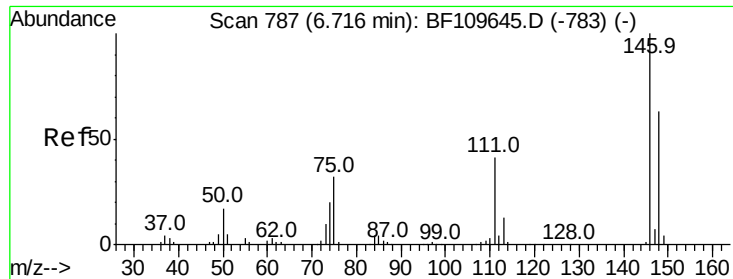
Tot Ion:	93	Resp:	177467
Ion	Ratio	Lower	Upper
93	100		
63	74.2	53.4	93.4
95	32.0	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 32.864 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:	146	Resp:	217130
Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.4	75.6
75	33.6	25.8	38.6

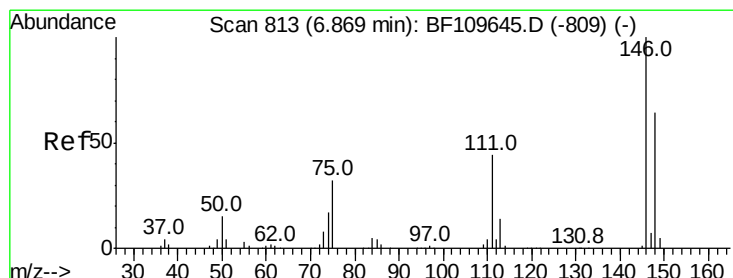
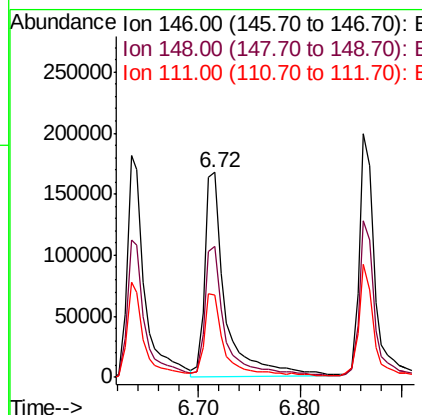
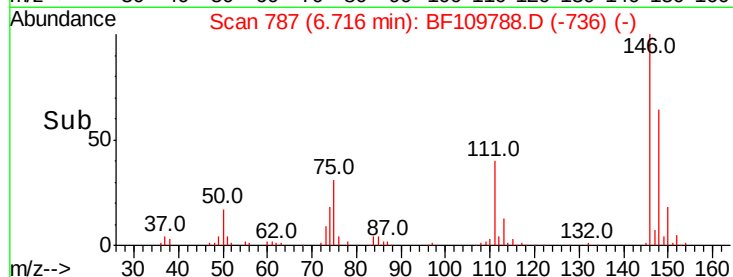
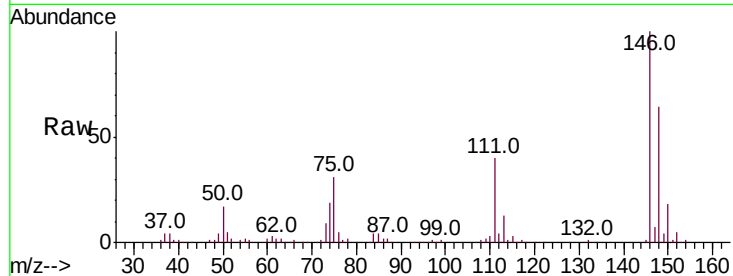




#13
 1,4-Dichlorobenzene
 Concen: 33.370 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

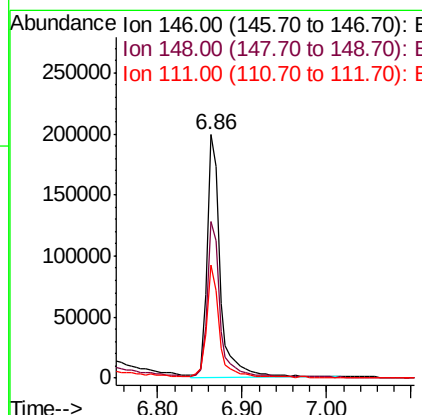
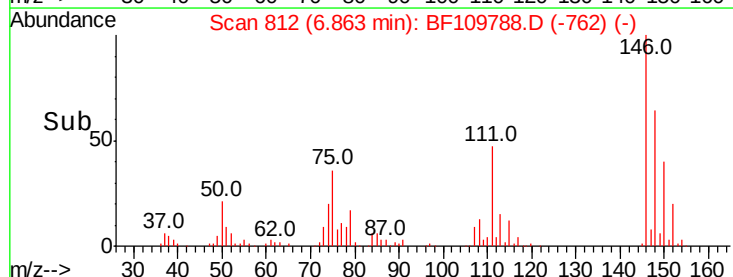
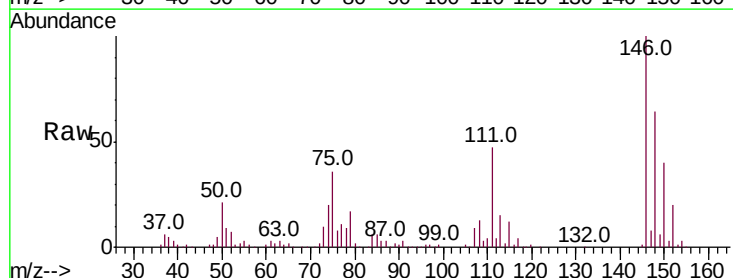
Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

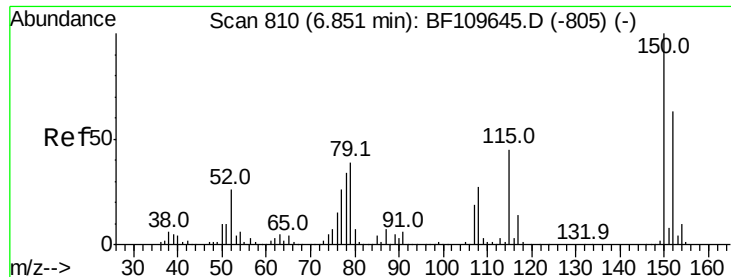
Tot Ion:146 Resp: 240336
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.3 75.5
 111 40.2 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 33.705 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:146 Resp: 213182
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 46.6 35.8 53.6

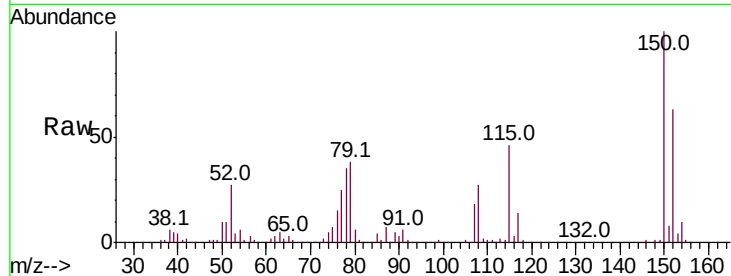




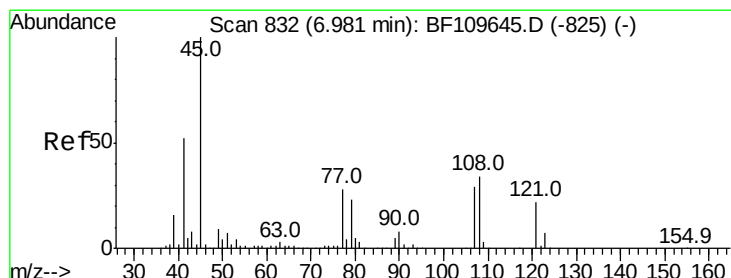
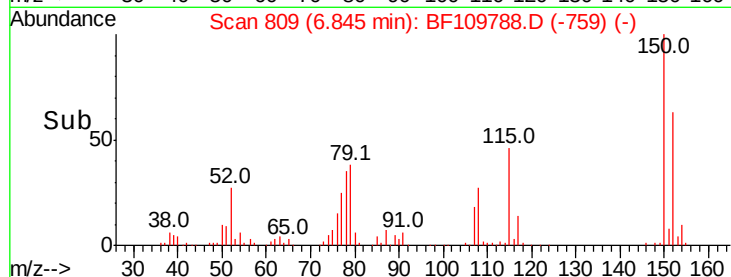
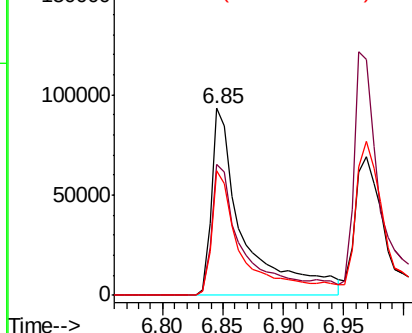
#15
Benzyl Alcohol
Concen: 36.791 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Instrument :
BNA_F
ClientSampleId :
S-23MSD

Tot Ion: 79 Resp: 171140
Ion Ratio Lower Upper
79 100
108 70.0 56.3 84.5
77 66.3 52.9 79.3

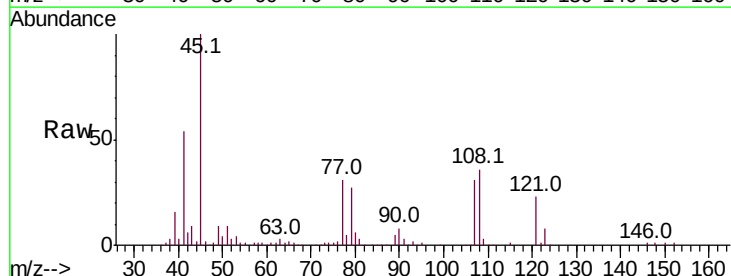


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

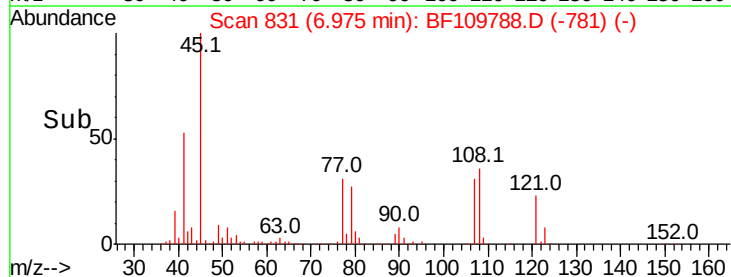
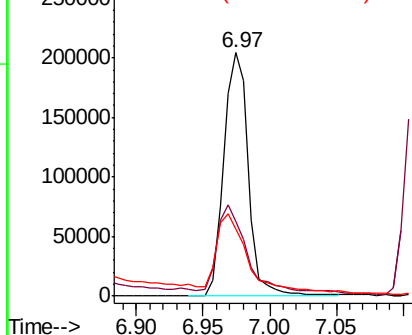


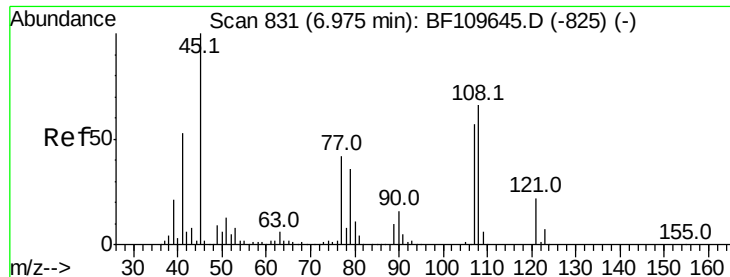
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.682 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion: 45 Resp: 266410
Ion Ratio Lower Upper
45 100
77 30.9 10.0 50.0
79 27.4 6.1 46.1



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: 36.557 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampled :

S-23MSD

Tot Ion:107 Resp: 166996

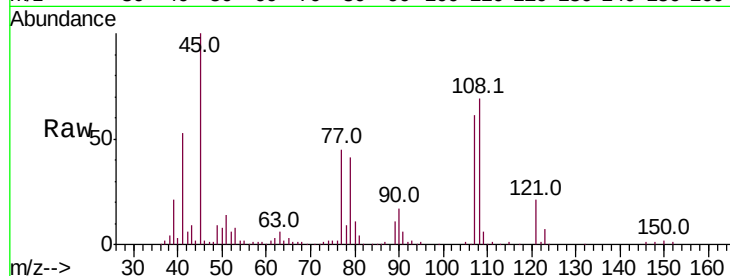
Ion Ratio Lower Upper

107 100

108 113.4 92.6 138.8

77 73.7 59.4 89.2

79 66.6 54.0 81.0



Abundance Ion 107.00 (106.70 to 107.70): E

250000 Ion 108.00 (107.70 to 108.70): E

200000 Ion 77.00 (76.70 to 77.70): BF1

150000 Ion 79.00 (78.70 to 79.70): BF1

100000

50000

0

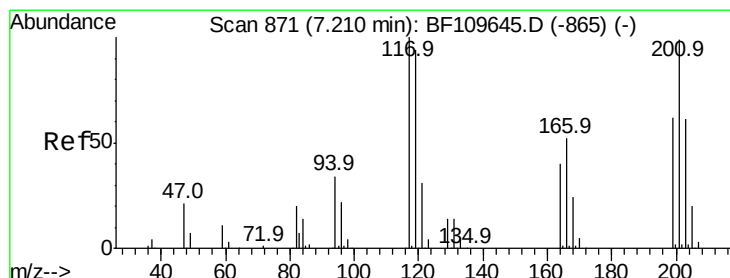
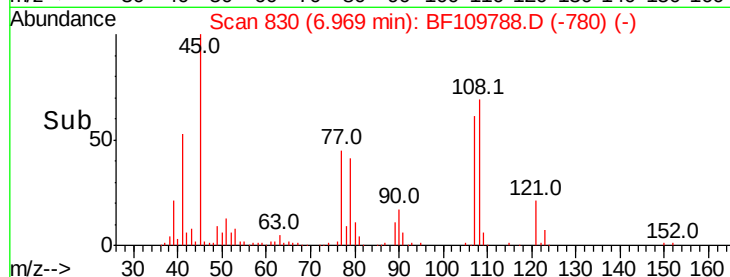
6.97

6.90

7.00

7.10

Time-->



#18

Hexachloroethane

Concen: 33.916 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

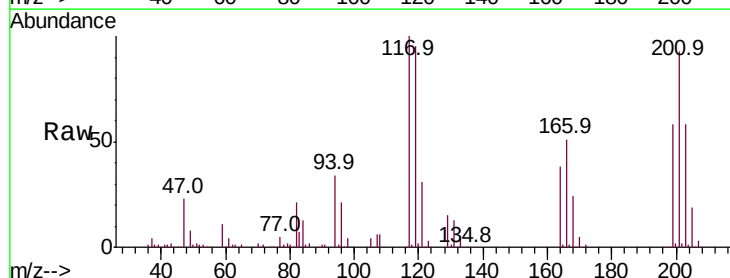
Tgt Ion:117 Resp: 86340

Ion Ratio Lower Upper

117 100

119 95.4 75.0 112.6

201 93.1 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E

100000 Ion 119.00 (118.70 to 119.70): E

50000 Ion 201.00 (200.70 to 201.70): E

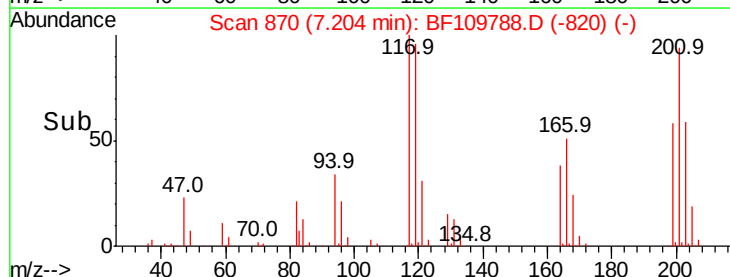
0

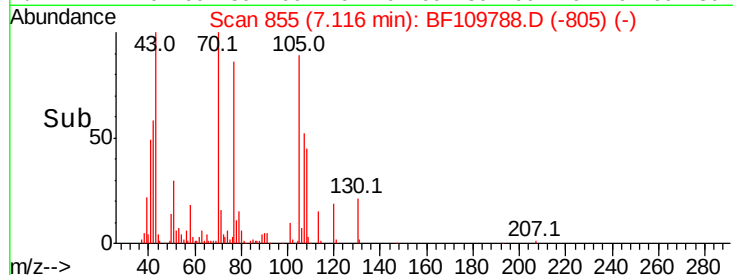
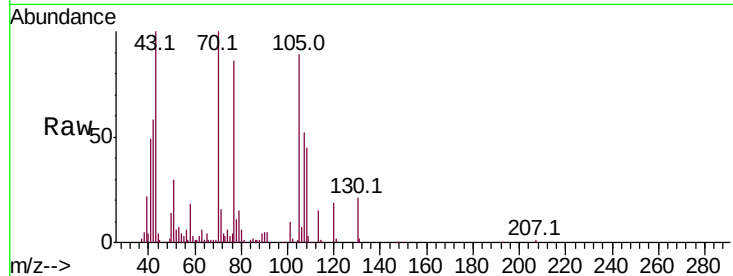
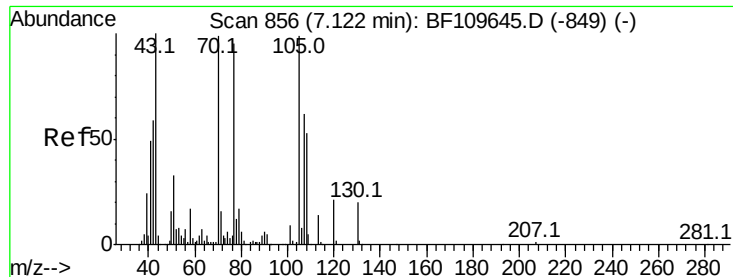
7.20

7.15

7.25

Time-->

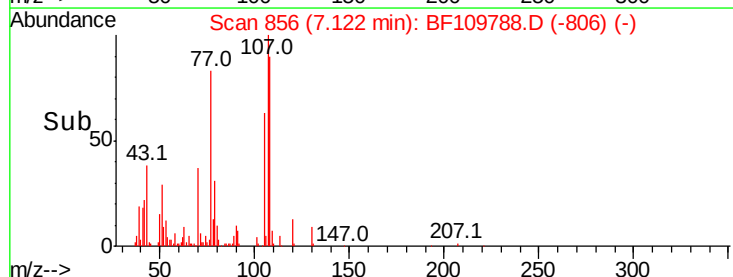
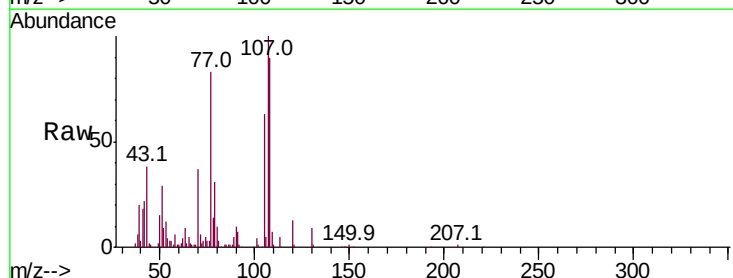
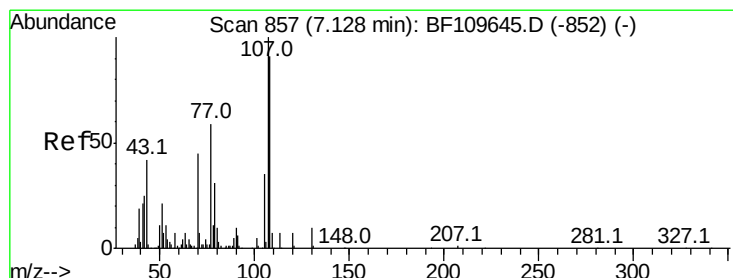
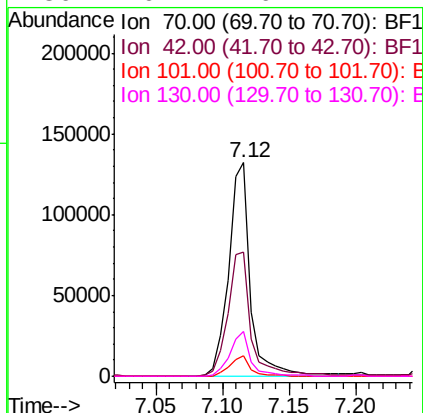




#19
n-Nitroso-di-n-propylamine
Concen: 34.554 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

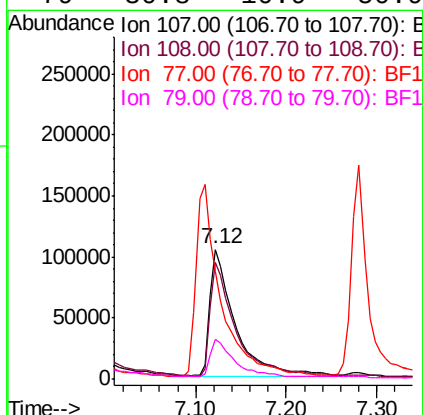
Instrument :
BNA_F
ClientSampleId :
S-23MSD

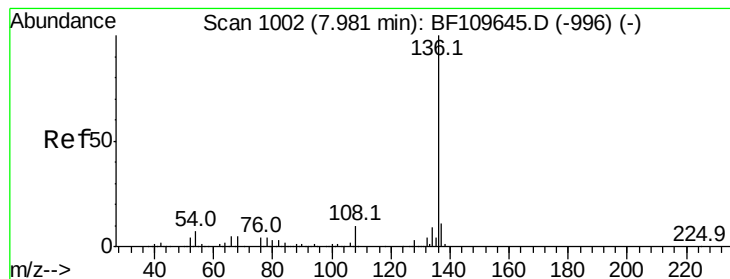
Tot Ion:	70	Resp:	152045
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.4	71.2
101	9.7	7.3	10.9
130	20.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 36.229 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion:	107	Resp:	203931
Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	82.8	47.3	87.3
79	30.8	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

Tot Ion:136 Resp: 334495

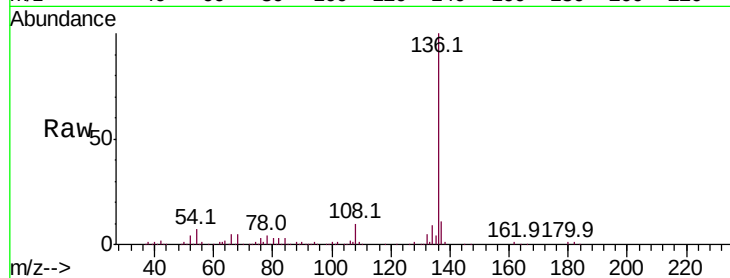
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.4 8.2

68 5.2 4.2 6.2

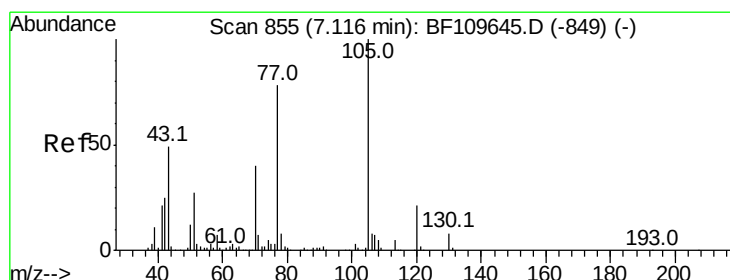
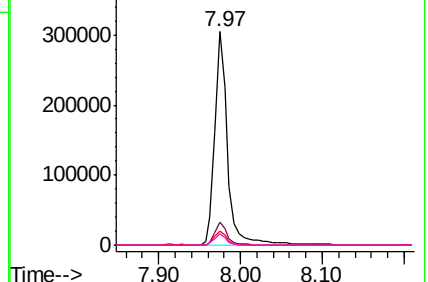
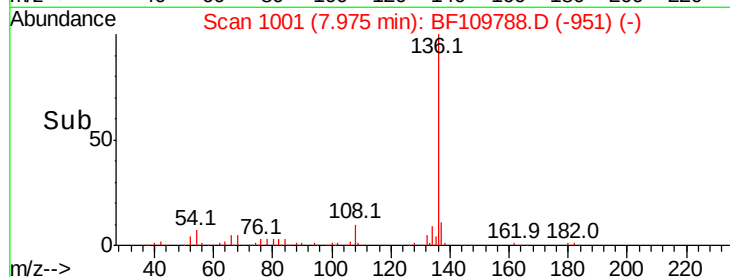


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.284 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Tgt Ion:105 Resp: 309671

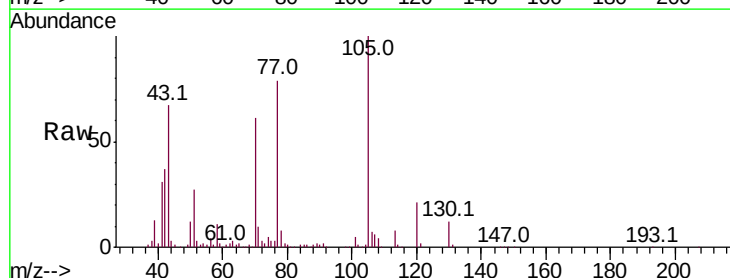
Ion Ratio Lower Upper

105 100

71 10.5 5.2 7.8#

51 26.8 21.8 32.8

120 21.2 17.0 25.4

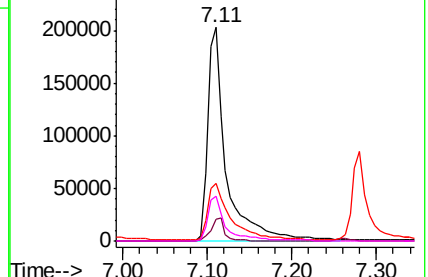
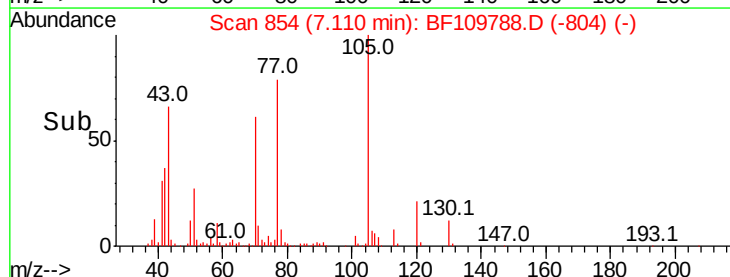


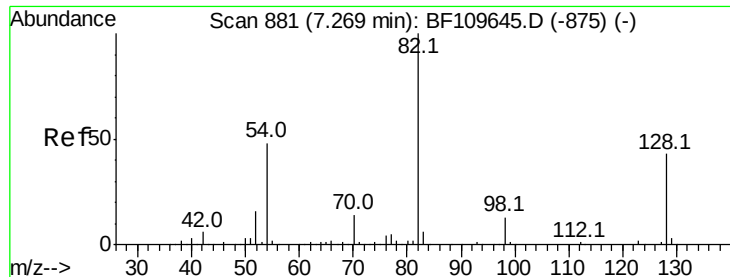
Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.163 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

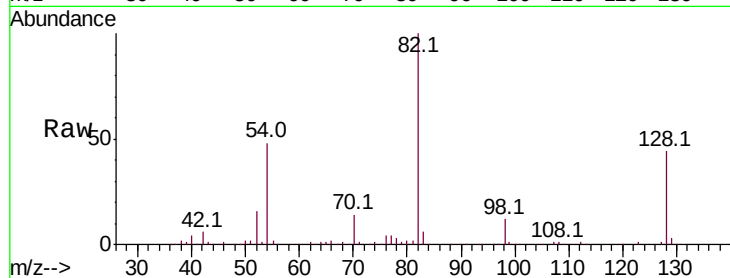
Tot Ion: 82 Resp: 437894

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.2

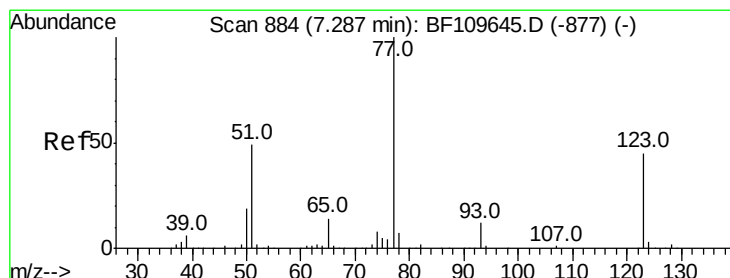
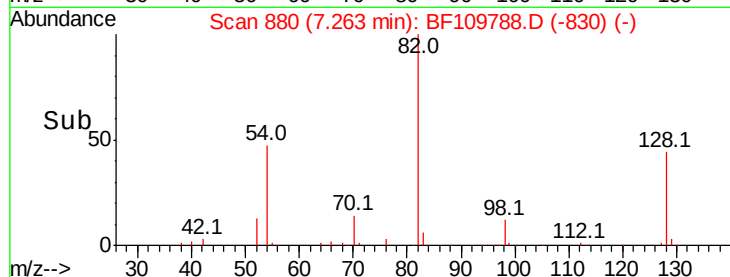
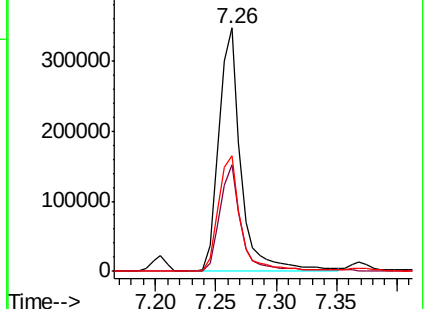
54 47.7 38.6 58.0



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: 34.880 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

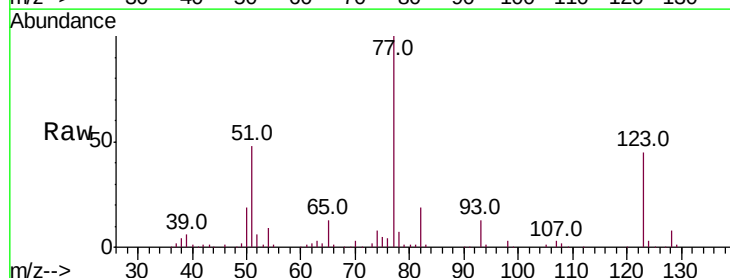
Tgt Ion: 77 Resp: 220237

Ion Ratio Lower Upper

77 100

123 45.4 35.7 53.5

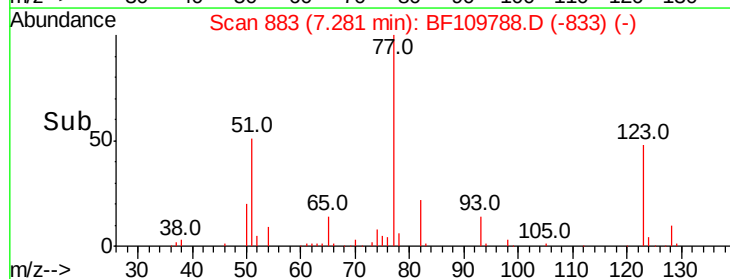
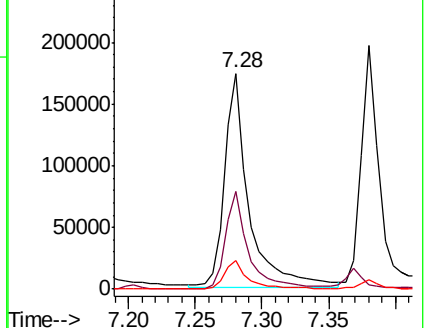
65 13.2 10.7 16.1

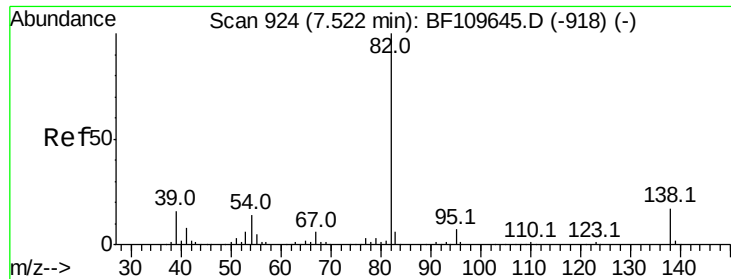


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.602 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

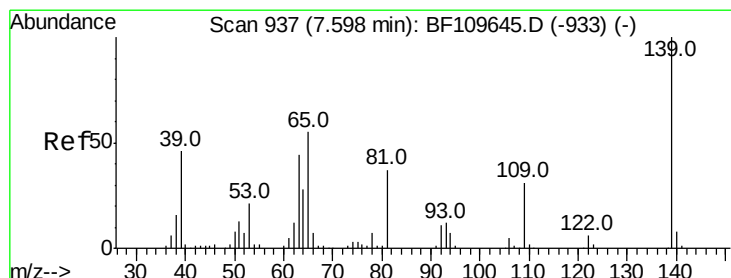
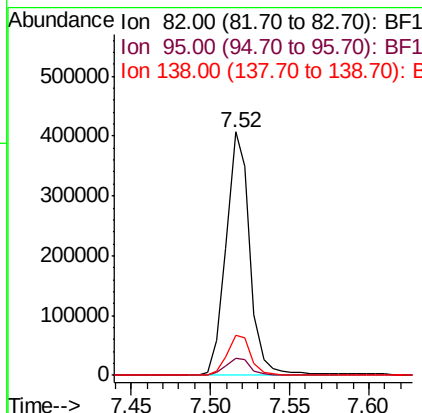
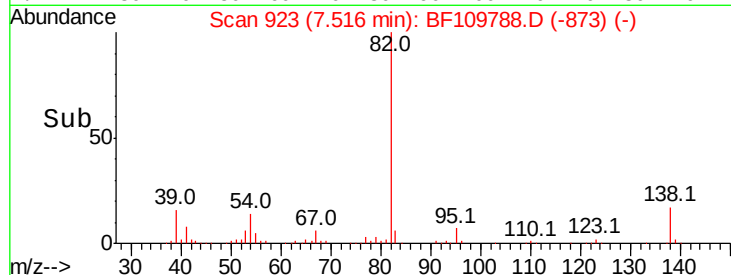
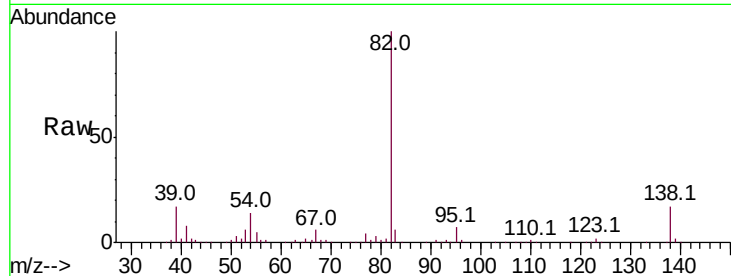
Tot Ion: 82 Resp: 419197

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 16.6 13.2 19.8



#26

2-Nitrophenol

Concen: 34.981 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

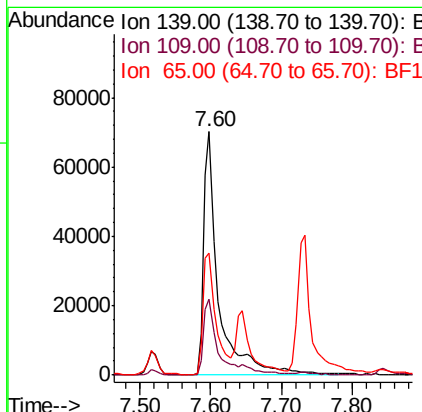
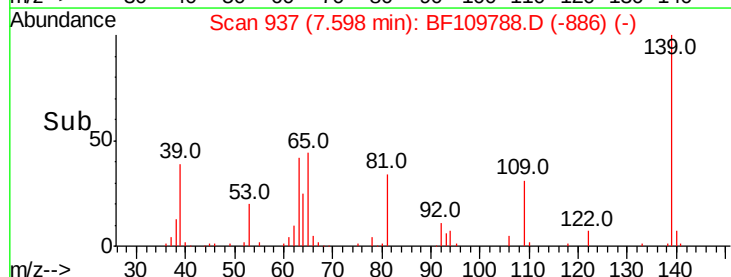
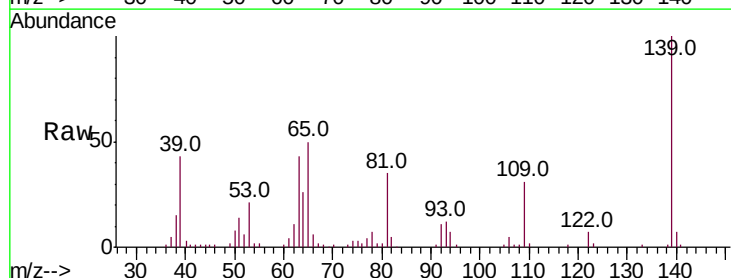
Tgt Ion: 139 Resp: 103316

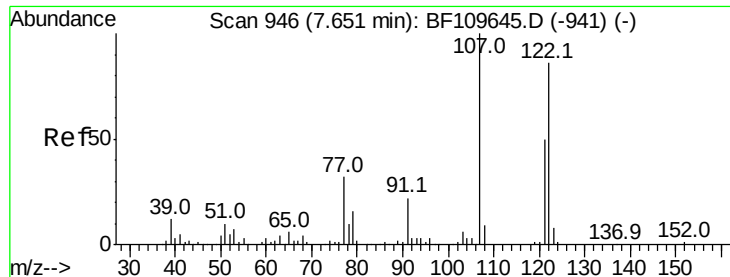
Ion Ratio Lower Upper

139 100

109 31.1 25.0 37.6

65 49.9 44.0 66.0

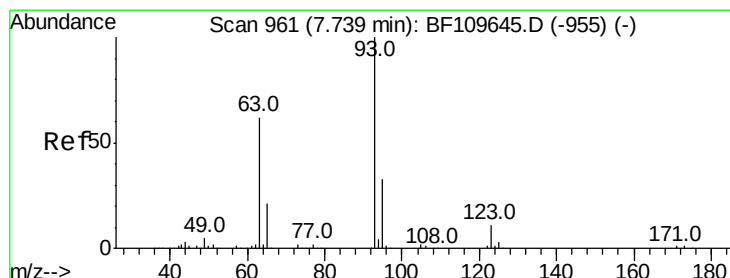
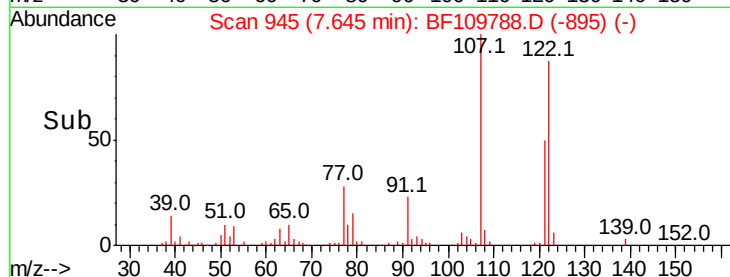
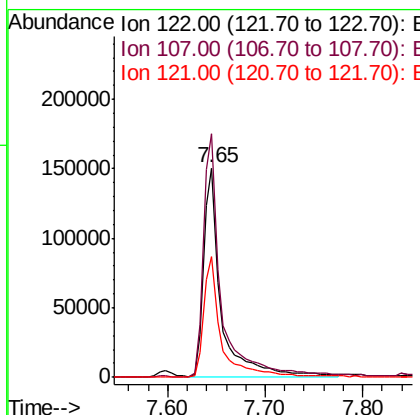
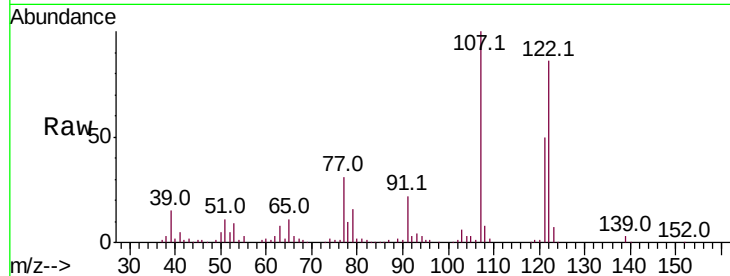




#27
 2,4-Dimethylphenol
 Concen: 43.355 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

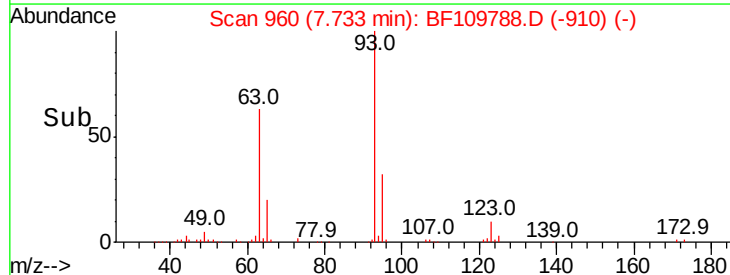
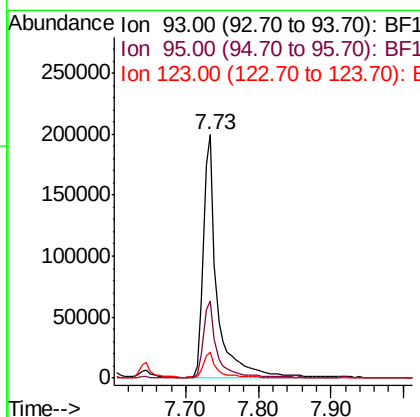
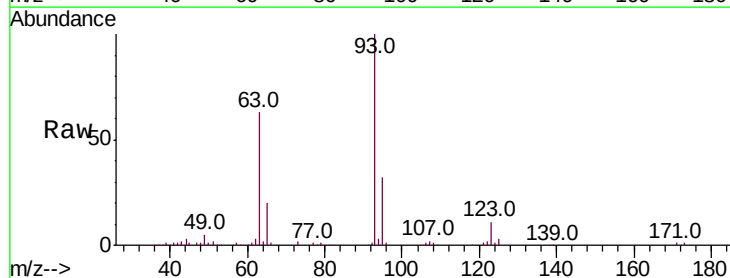
Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

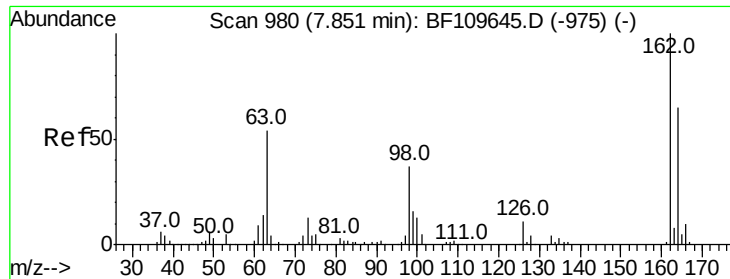
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.5	138.7
121	57.7	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.452 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.4	39.6
123	10.8	9.0	13.6

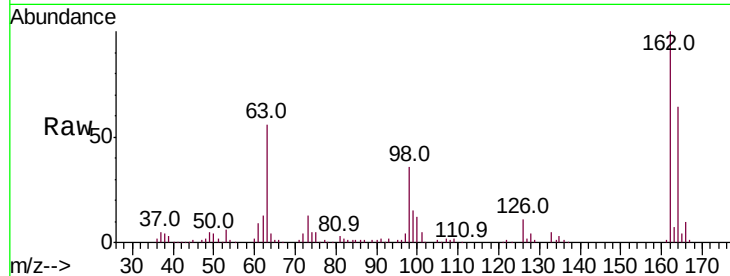




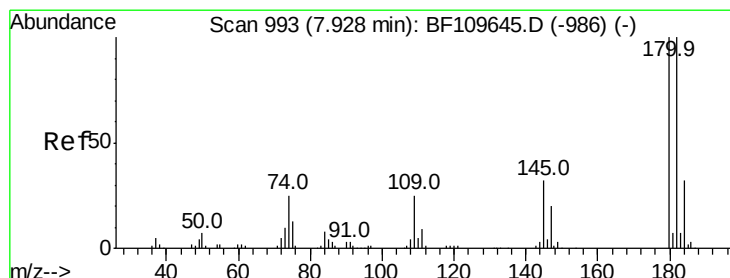
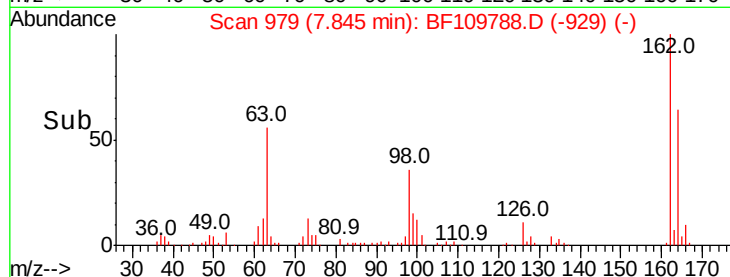
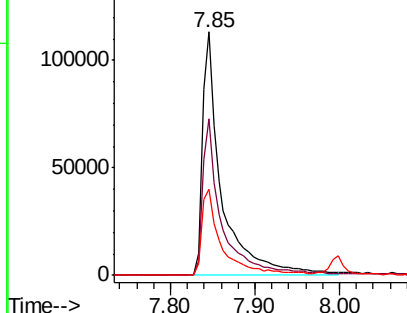
#29
 2,4-Dichlorophenol
 Concen: 37.213 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:	162	Resp:	178021
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	35.5	17.4	57.4

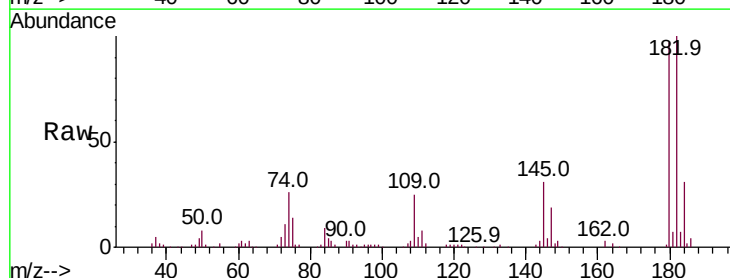


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

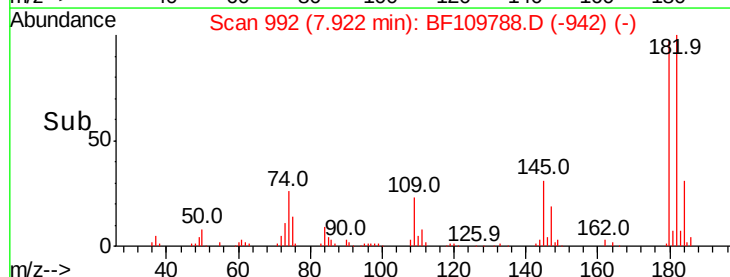
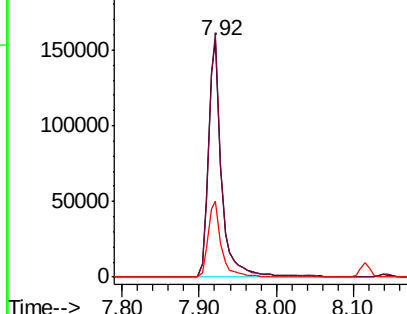


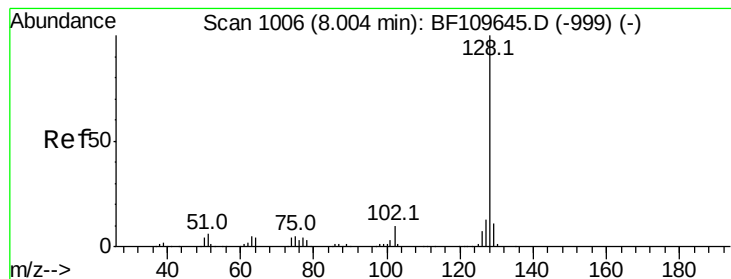
#30
 1,2,4-Trichlorobenzene
 Concen: 34.892 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:	180	Resp:	184779
Ion	Ratio	Lower	Upper
180	100		
182	102.8	80.3	120.5
145	32.2	25.4	38.0



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: 39.828 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

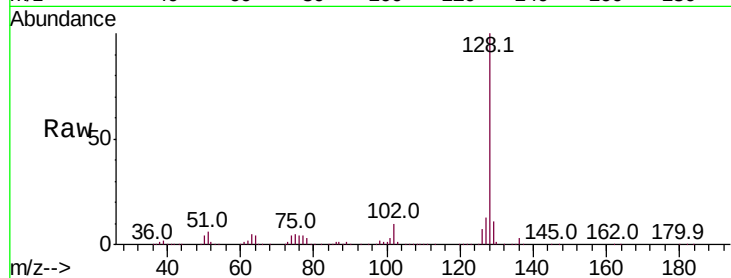
Tot Ion:128 Resp: 616117

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

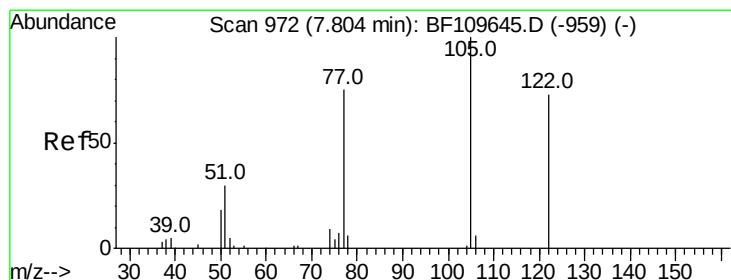
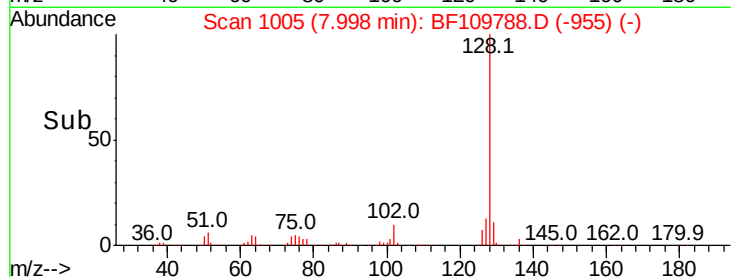
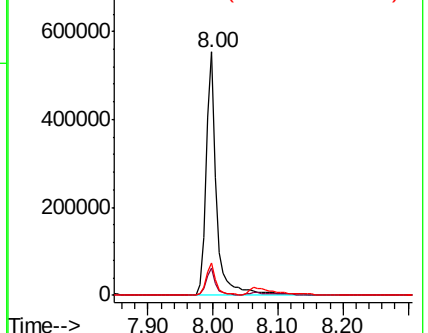
127 13.3 10.8 16.2



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: 60.639 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.16 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

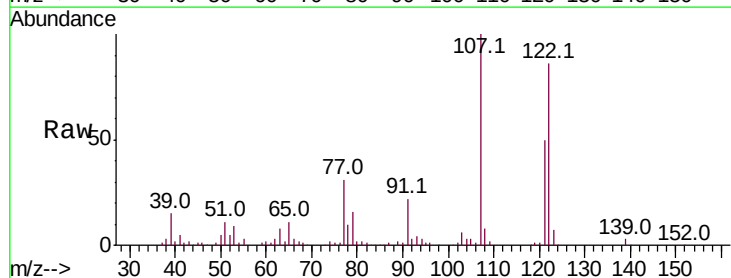
Tgt Ion:122 Resp: 184907

Ion Ratio Lower Upper

122 100

105 3.8 109.0 149.0#

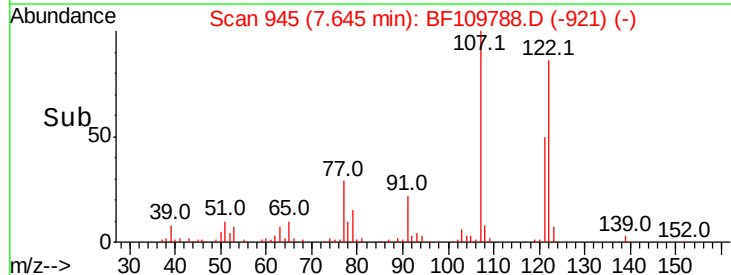
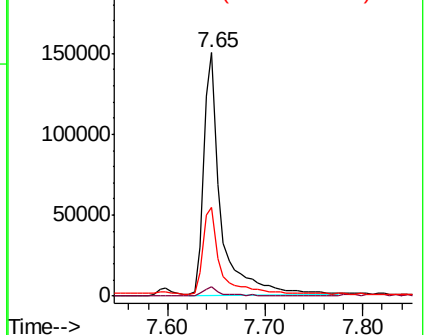
77 36.5 79.0 119.0#

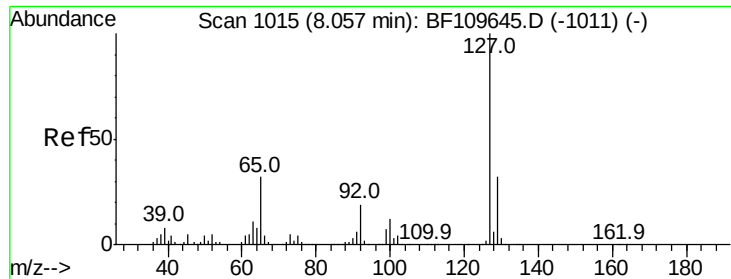


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

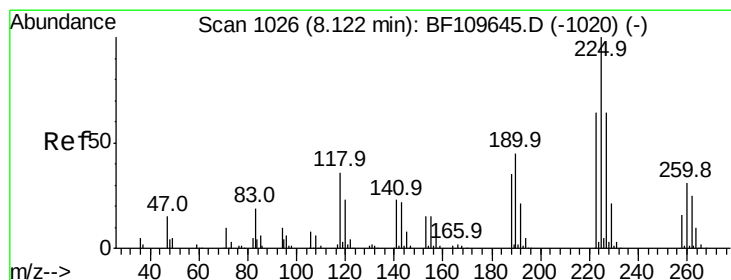
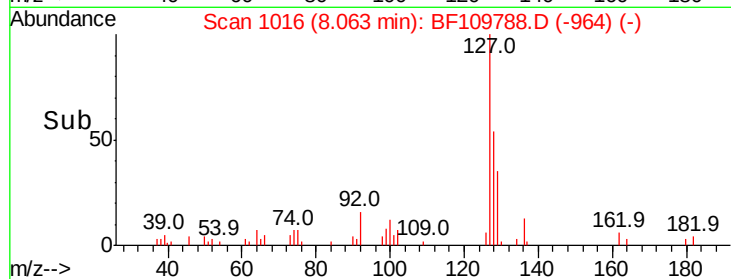
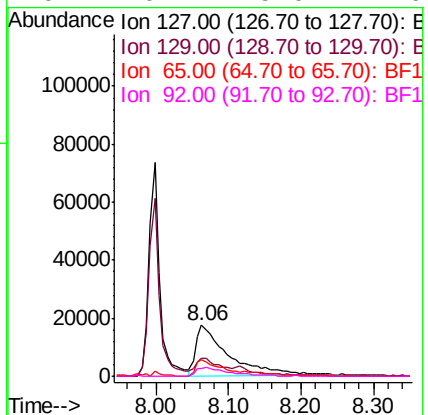
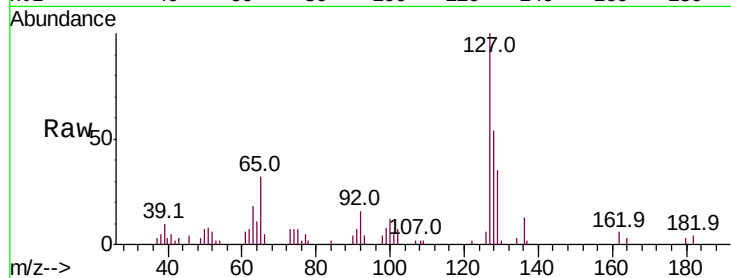




#33
4-Chloroaniline
Concen: 8.038 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

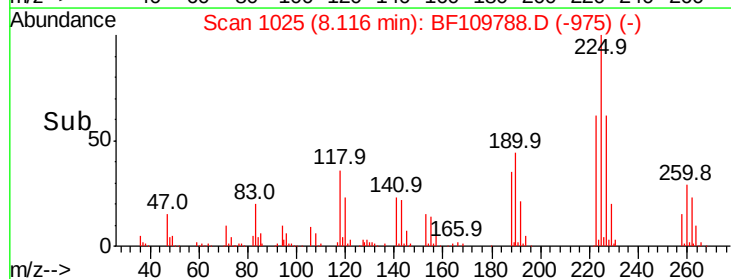
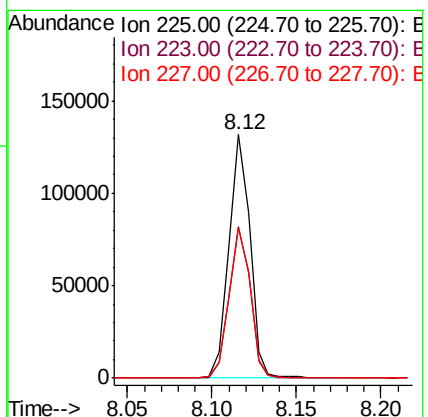
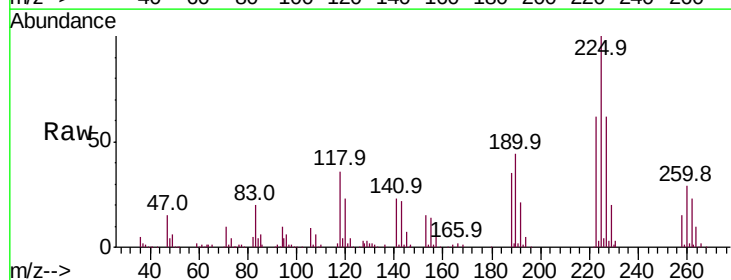
Instrument :
BNA_F
ClientSampleId :
S-23MSD

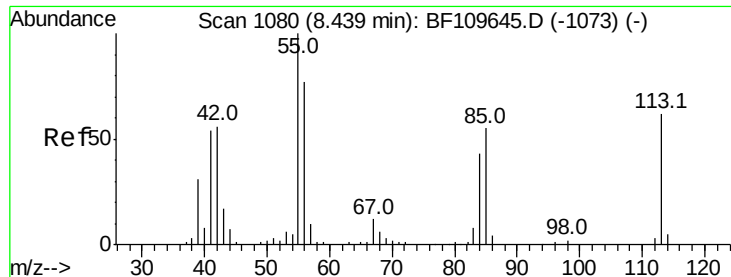
Tot Ion:	127	Resp:	54760
Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.0	39.0
65	31.8	25.1	37.7
92	16.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 34.548 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion:	225	Resp:	113756
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.4	77.2
227	61.7	51.0	76.6

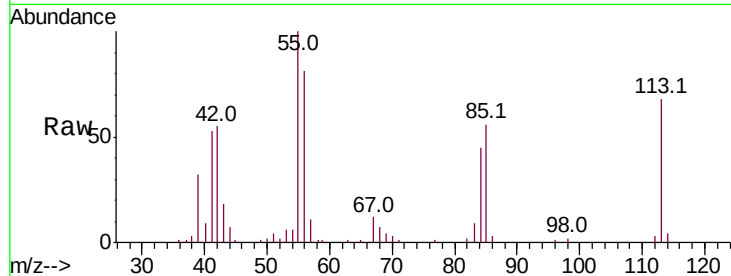




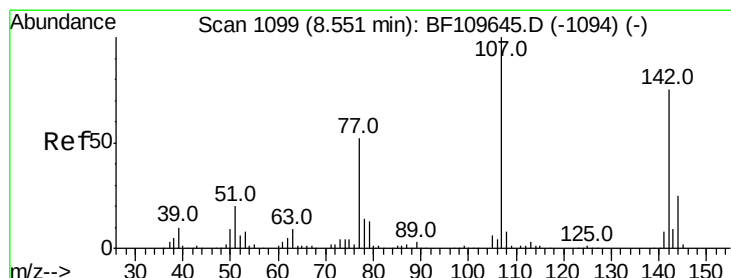
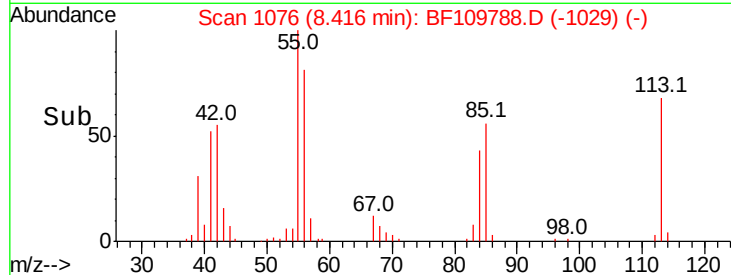
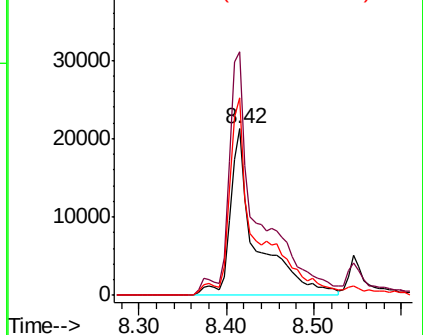
#35
 Caprolactam
 Concen: 30.480 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:113 Resp: 43546
 Ion Ratio Lower Upper
 113 100
 55 146.3 142.8 182.8
 56 118.3 105.0 145.0

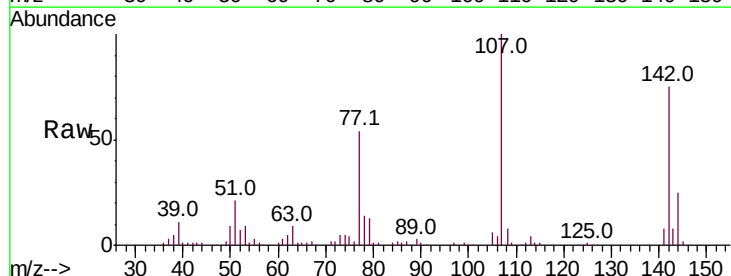


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

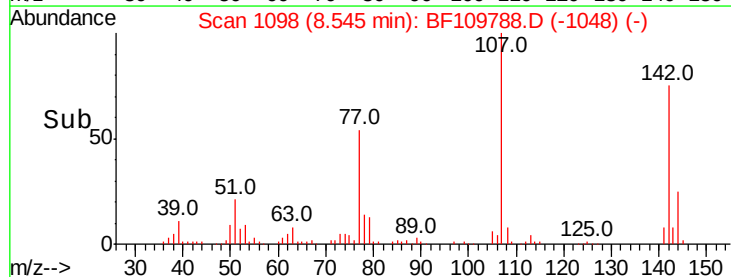
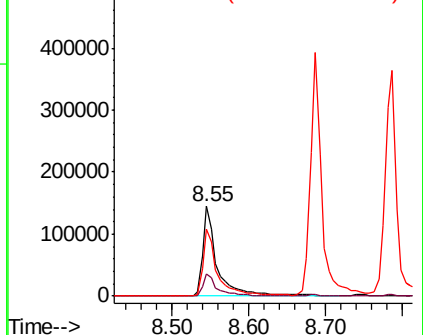


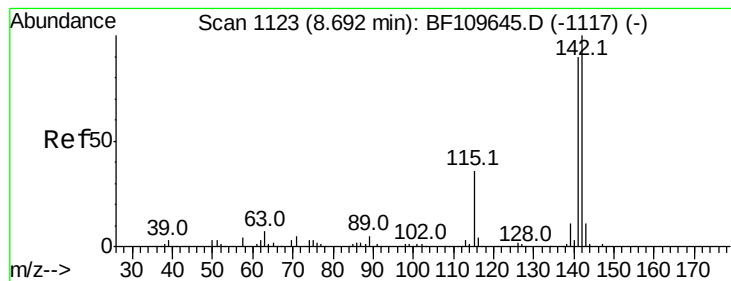
#36
 4-Chloro-3-methylphenol
 Concen: 38.008 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:107 Resp: 191934
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 74.9 59.7 89.5



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: 39.148 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampled :

S-23MSD

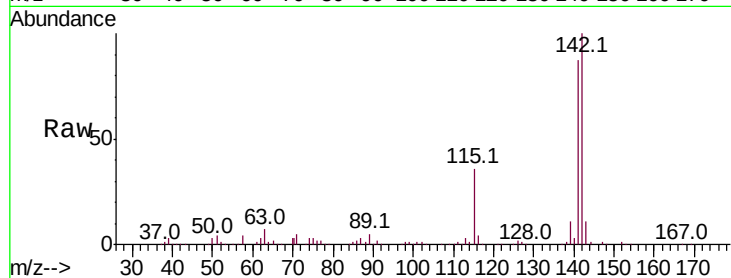
Tot Ion:142 Resp: 396692

Ion Ratio Lower Upper

142 100

141 87.2 71.4 107.2

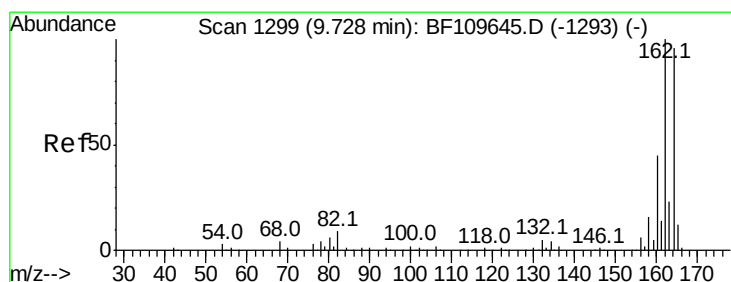
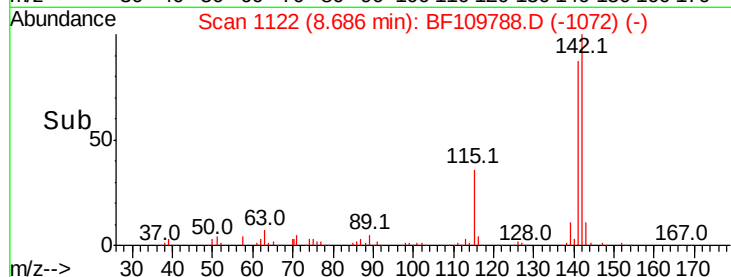
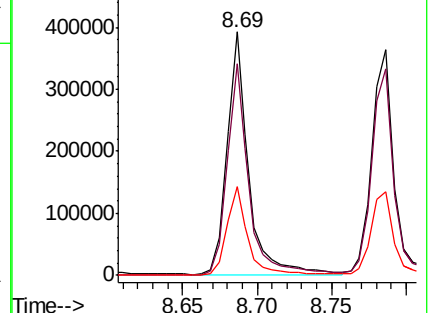
115 36.2 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

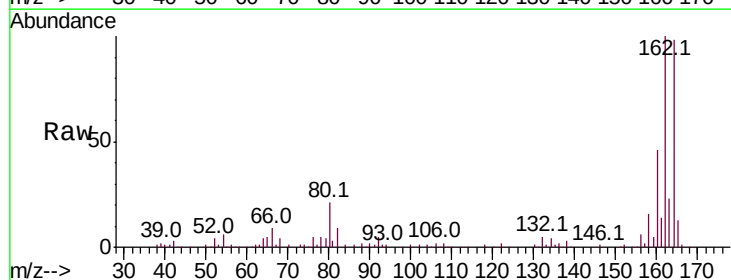
Tgt Ion:164 Resp: 158673

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

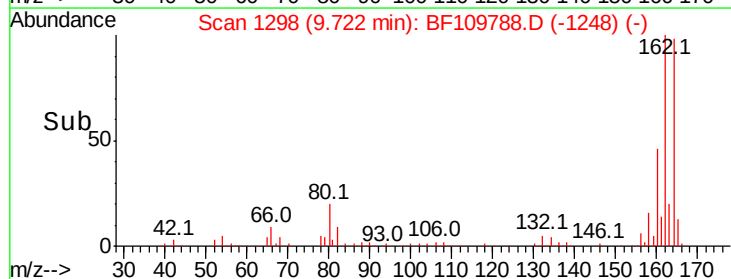
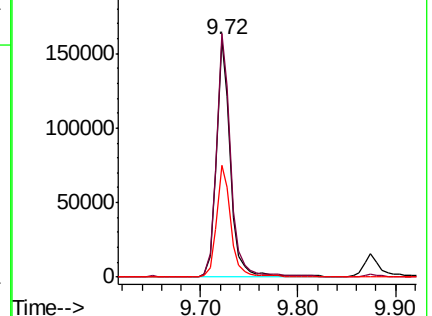
160 47.2 37.0 55.6

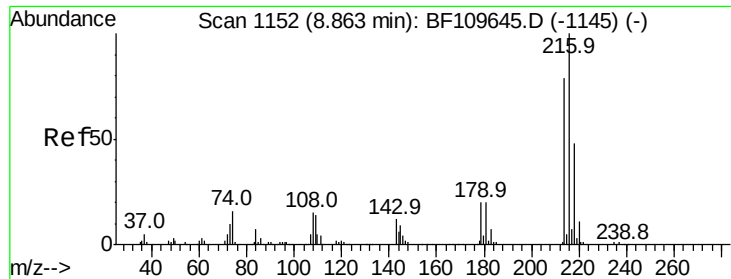


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

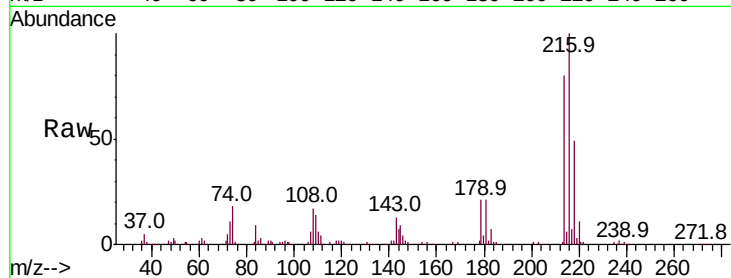




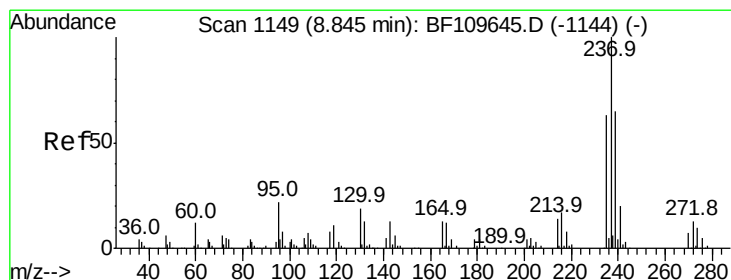
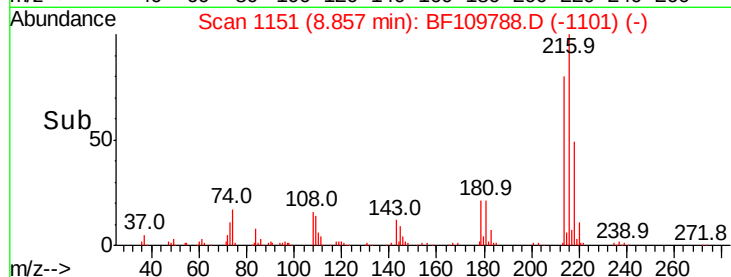
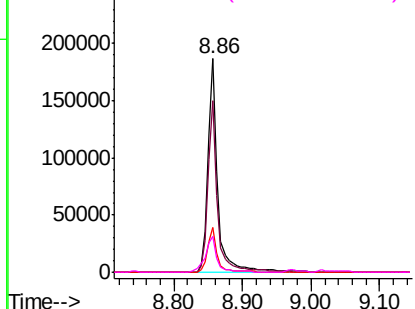
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.402 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:	216	Resp:	191215
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.6	16.6	25.0
108	20.3	15.1	22.7

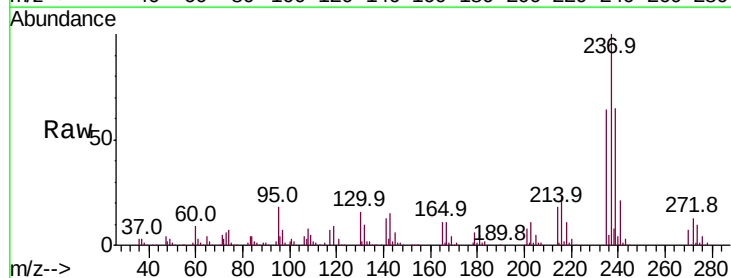


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

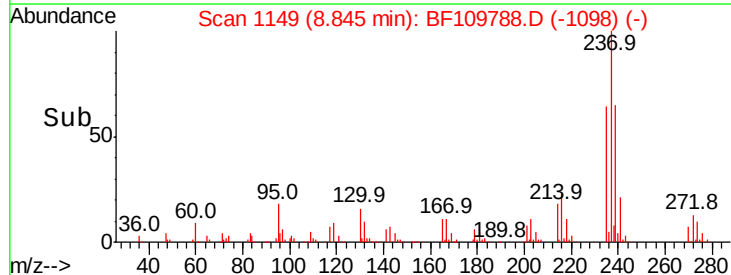
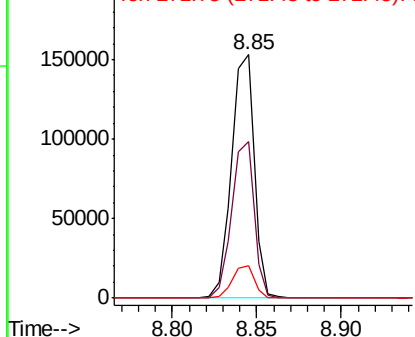


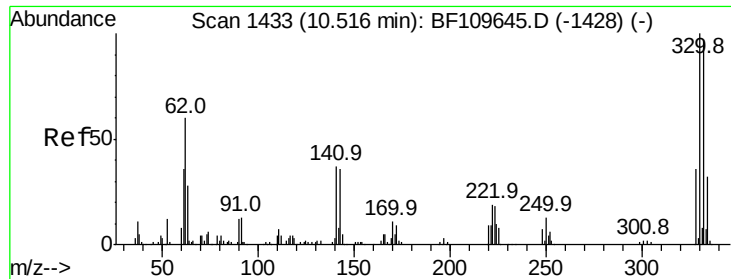
#40
 Hexachlorocyclopentadiene
 Concen: 62.419 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:	237	Resp:	143508
Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.1	83.1
272	13.1	0.0	32.6



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

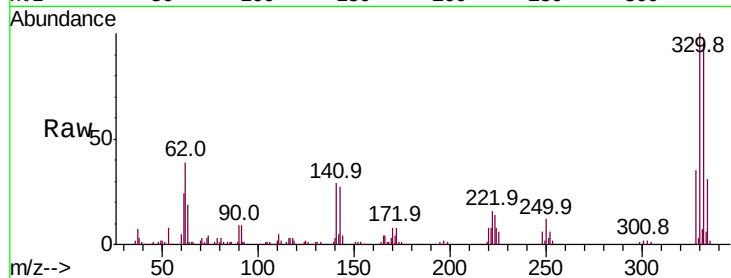




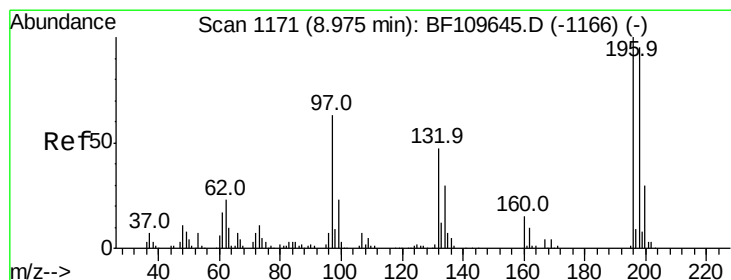
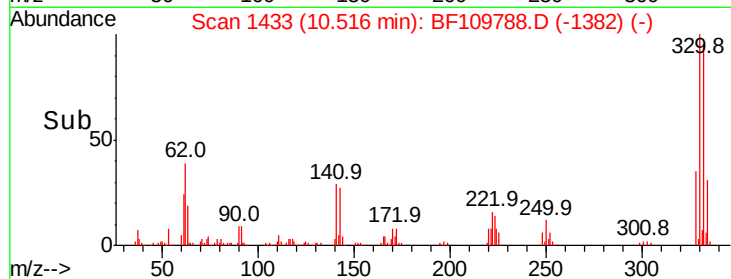
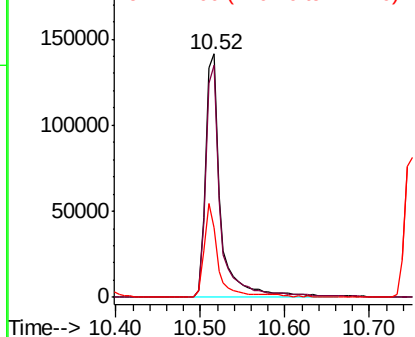
#41
 2,4,6-Tribromophenol
 Concen: 102.129 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:330 Resp: 176572
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 34.1 27.0 40.4

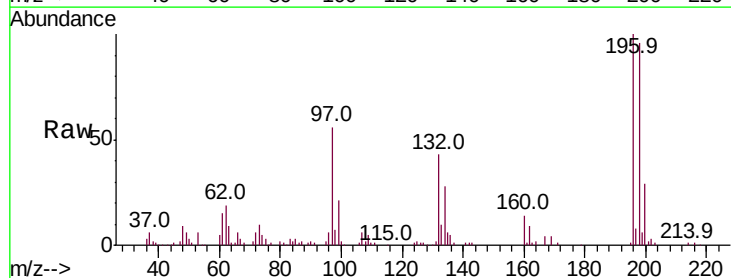


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

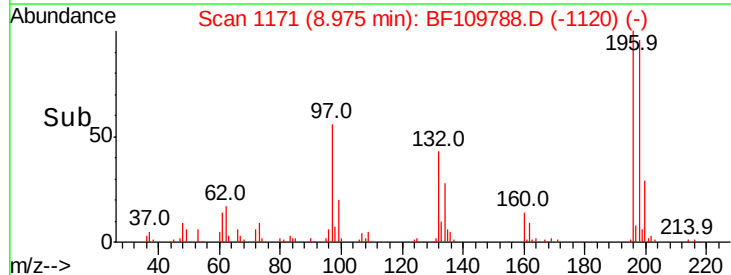
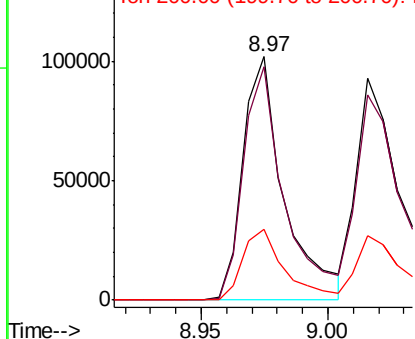


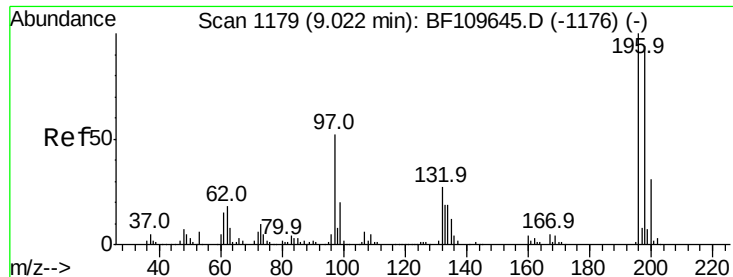
#42
 2,4,6-Trichlorophenol
 Concen: 35.647 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:196 Resp: 115100
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 200 29.2 24.4 36.6



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

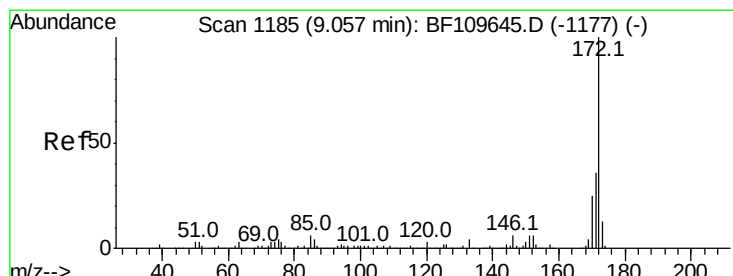
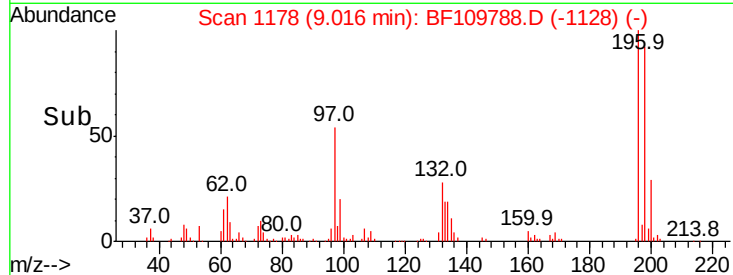
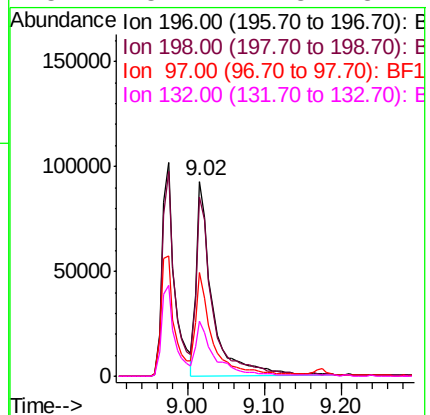
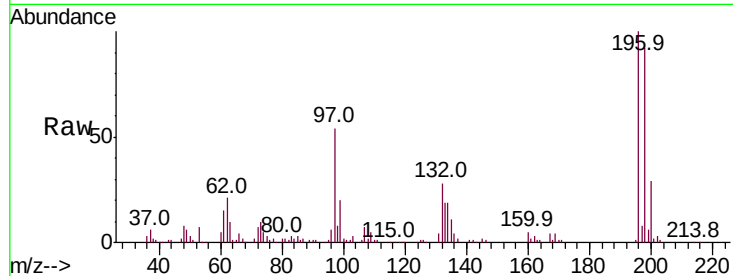




#43
 2,4,5-Trichlorophenol
 Concen: 36.447 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

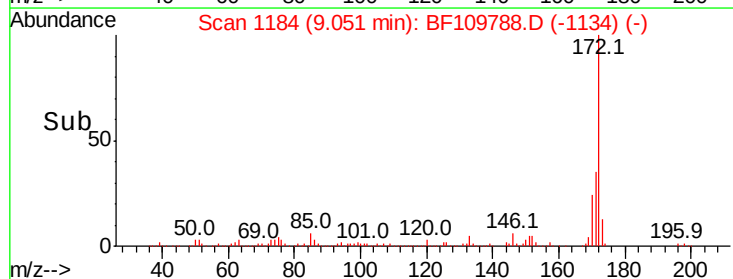
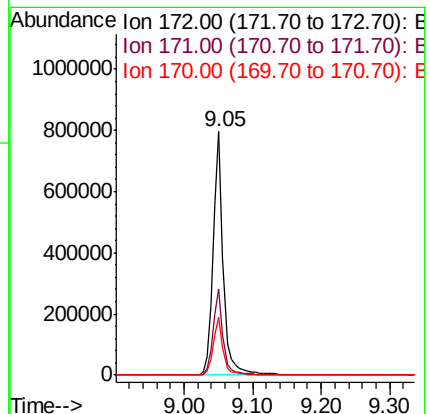
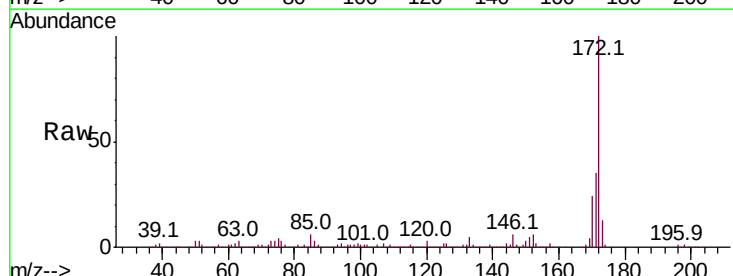
Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

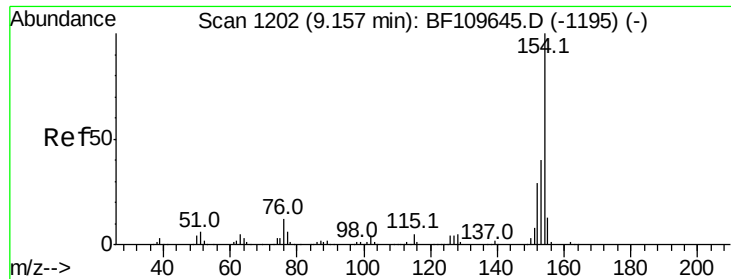
Tot Ion:	196	Resp:	135310
Ion	Ratio	Lower	Upper
196	100		
198	92.2	75.8	113.6
97	53.6	42.4	63.6
132	28.1	22.8	34.2



#44
 2-Fluorobiphenyl
 Concen: 71.834 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:	172	Resp:	827602
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.8	19.7	29.5

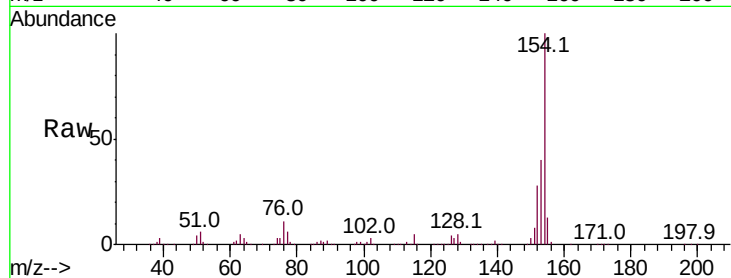




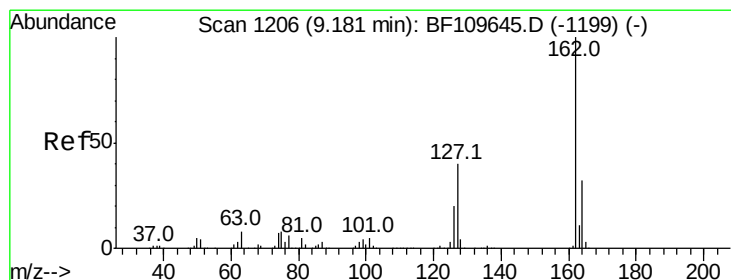
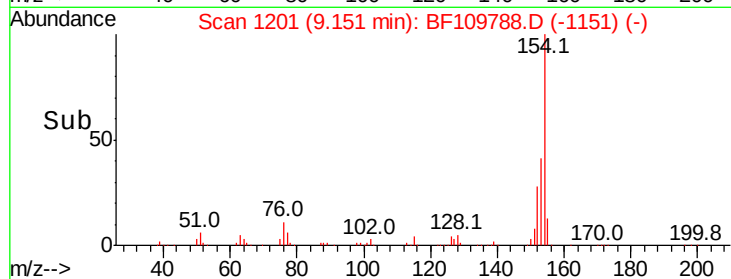
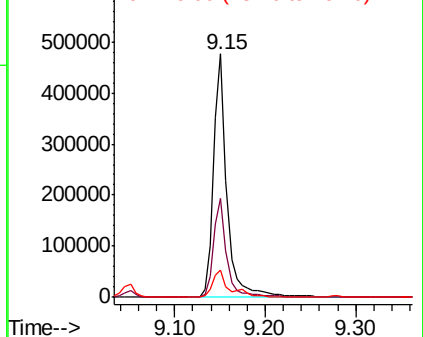
#45
 1,1'-Biphenyl
 Concen: 34.950 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:154 Resp: 495417
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.4 60.4
 76 11.1 0.0 31.9

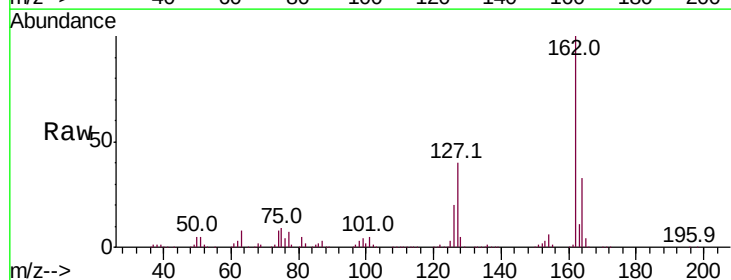


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

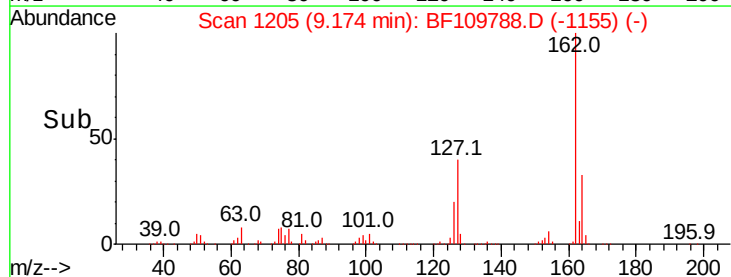
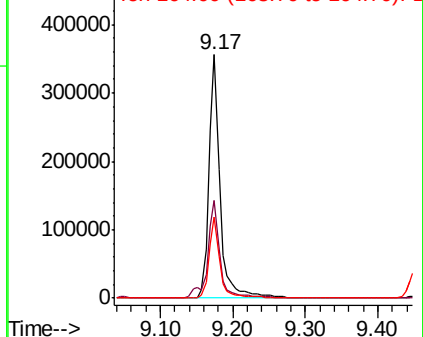


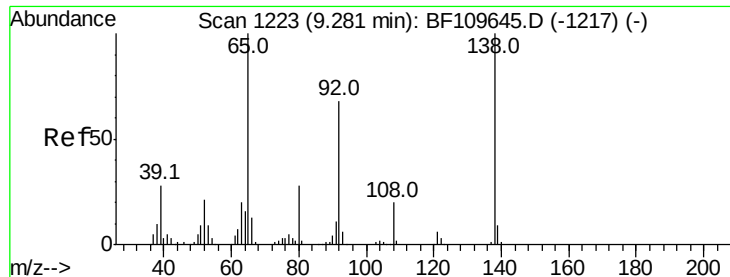
#46
 2-Chloronaphthalene
 Concen: 35.788 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:162 Resp: 380059
 Ion Ratio Lower Upper
 162 100
 127 40.1 32.6 48.8
 164 33.2 25.9 38.9



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

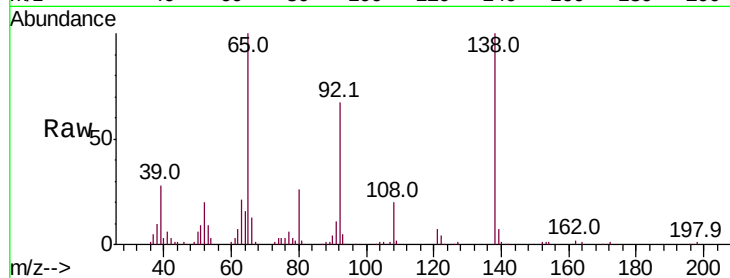




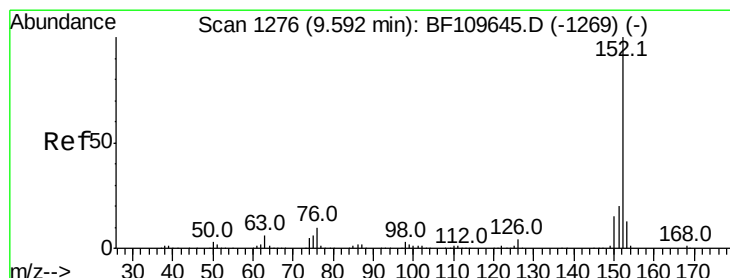
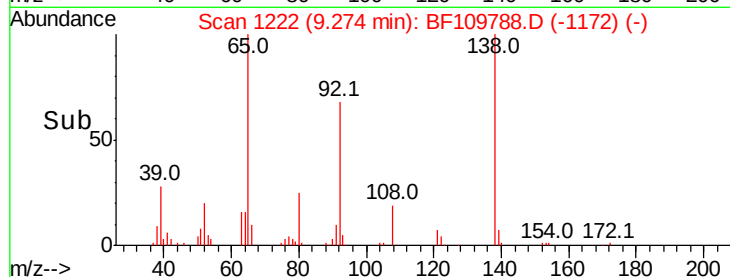
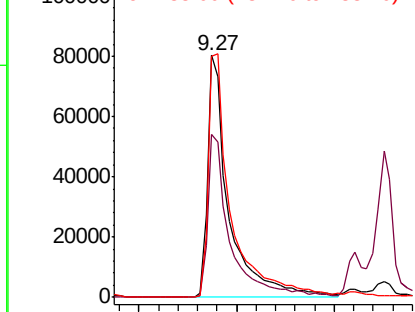
#47
2-Nitroaniline
Concen: 38.063 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Instrument :
BNA_F
ClientSampled :
S-23MSD

Tot Ion: 65 Resp: 122395
Ion Ratio Lower Upper
65 100
92 67.3 54.6 81.8
138 99.7 80.3 120.5

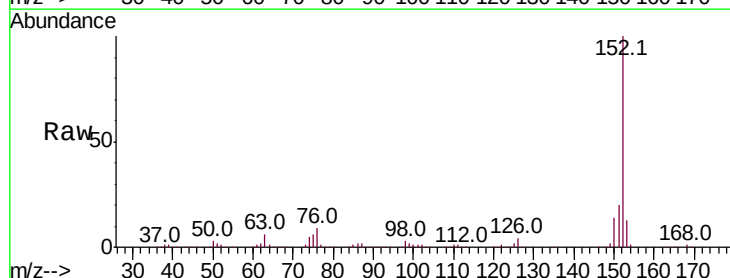


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

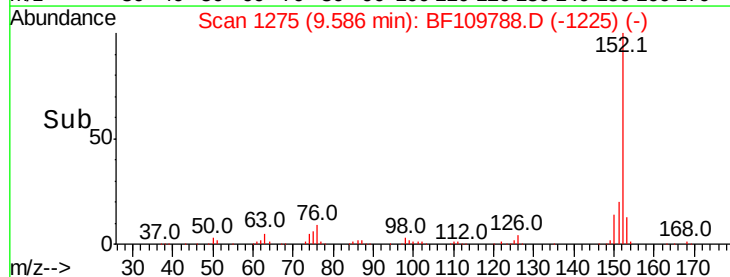
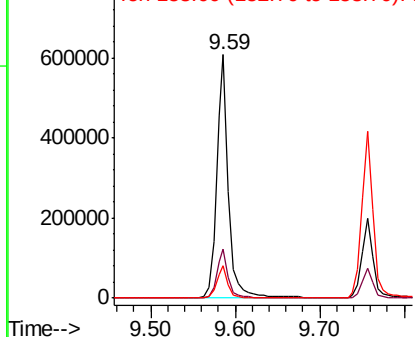


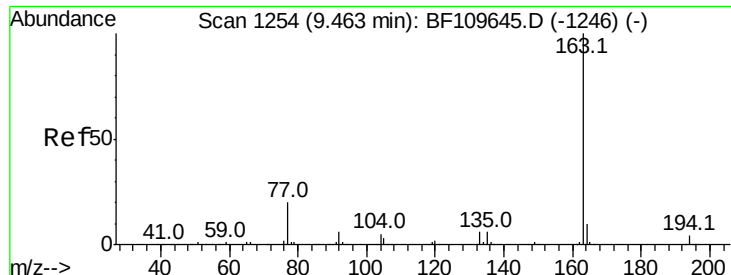
#48
Acenaphthylene
Concen: 38.971 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion: 152 Resp: 603364
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.2 10.4 15.6



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

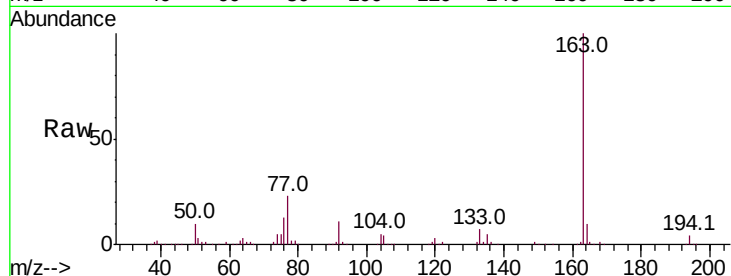




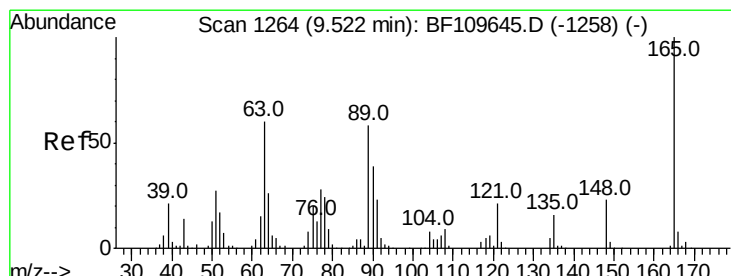
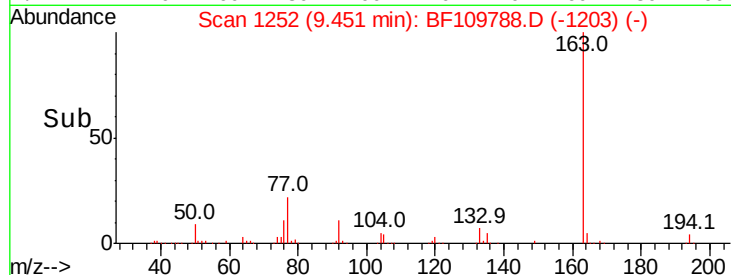
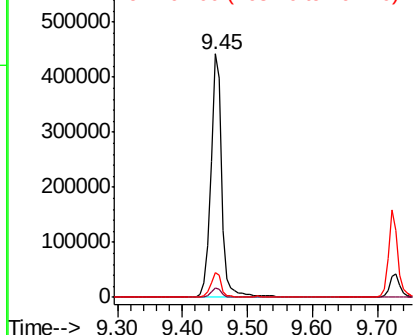
#49
Dimethylphthalate
Concen: 44.263 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Instrument :
BNA_F
ClientSampled :
S-23MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.3	8.1	12.1

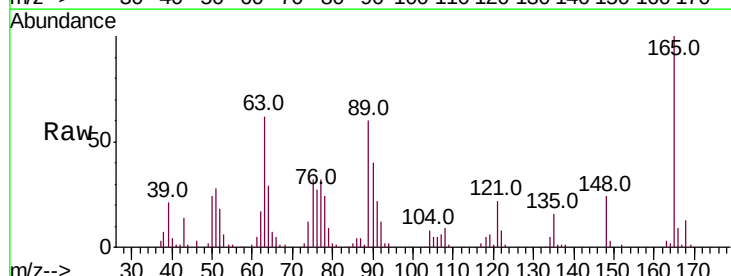


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

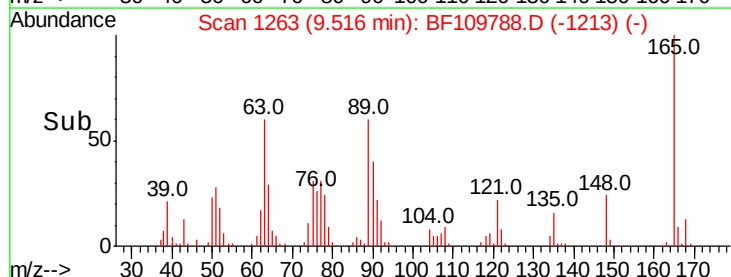
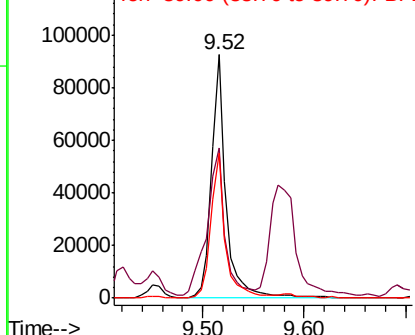


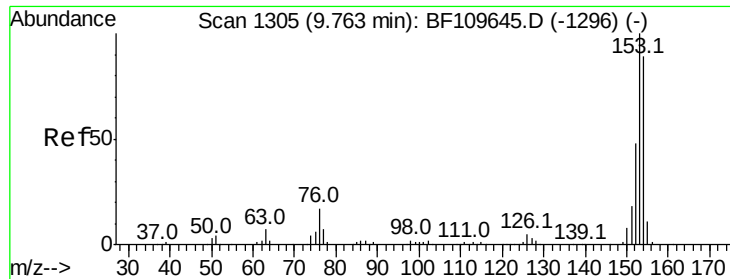
#50
2,6-Dinitrotoluene
Concen: 37.084 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	48.9	73.3
89	59.8	46.6	69.8



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





#51

Acenaphthene

Concen: 36.696 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampled :

S-23MSD

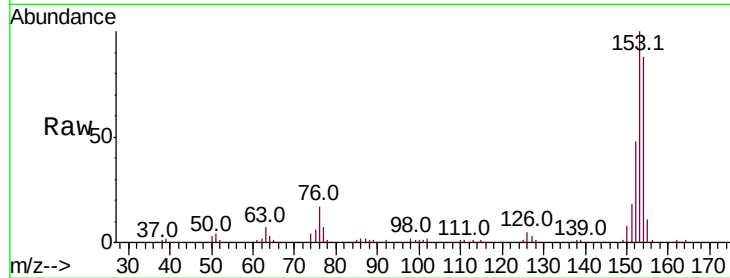
Tot Ion:154 Resp: 336793

Ion Ratio Lower Upper

154 100

153 114.0 90.1 135.1

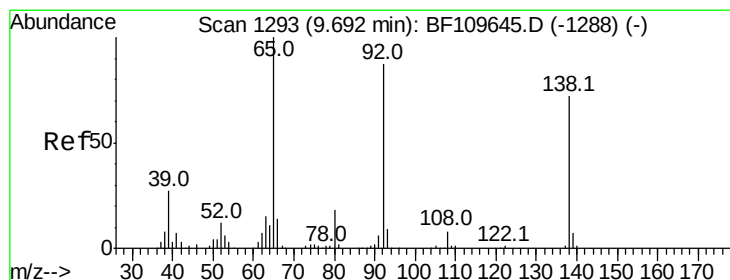
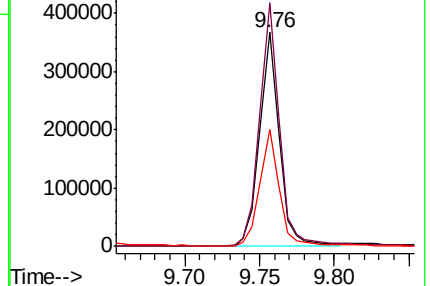
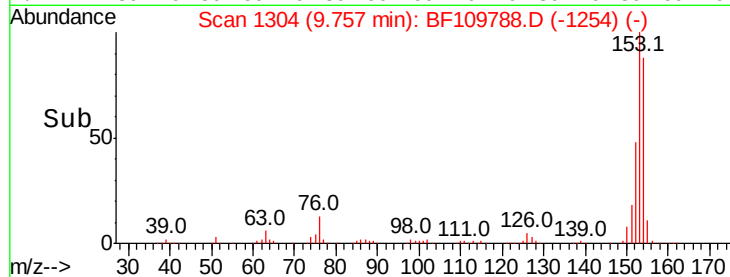
152 54.8 43.4 65.2



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



#52

3-Nitroaniline

Concen: 15.015 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

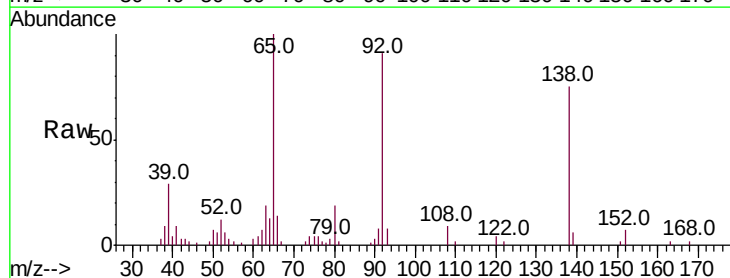
Tgt Ion:138 Resp: 42458

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

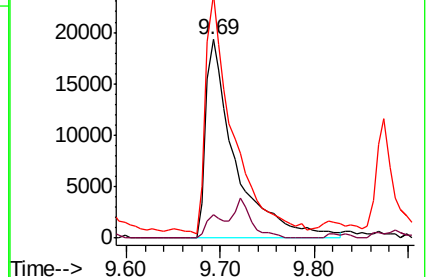
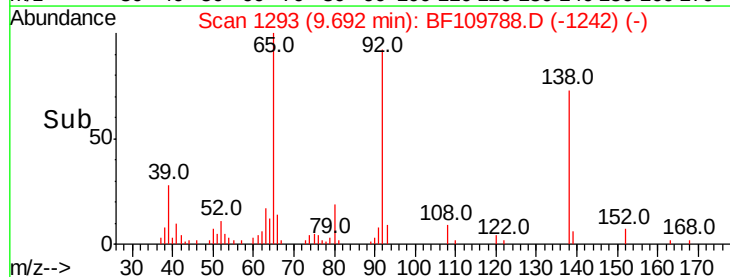
92 122.6 97.0 145.4

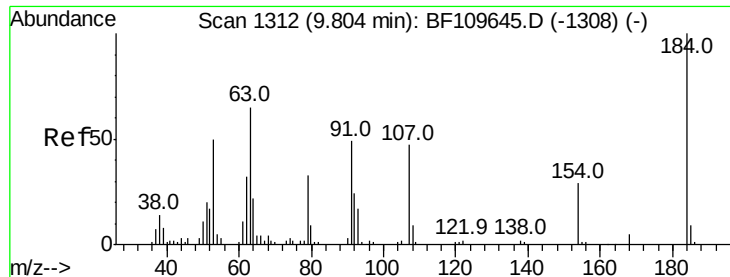


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

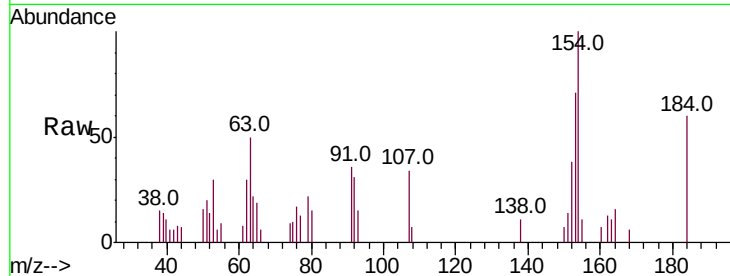




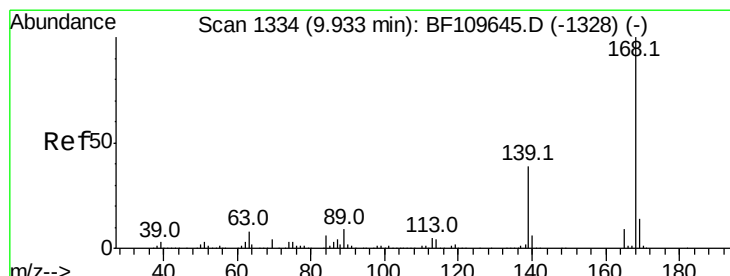
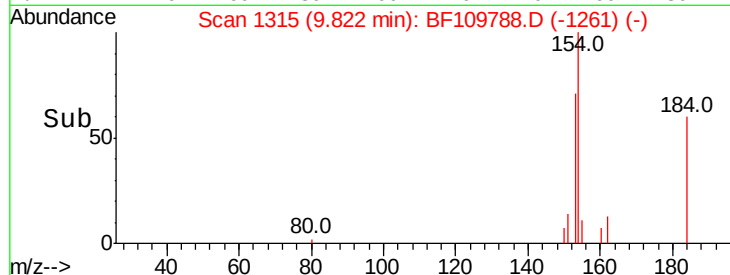
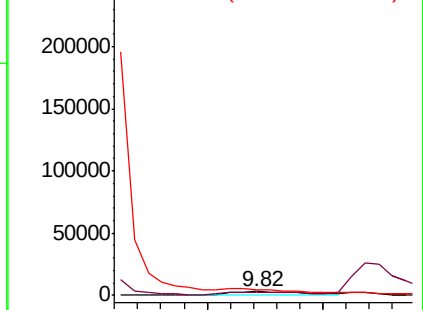
#53
 2,4-Dinitrophenol
 Concen: 8.915 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.02 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:184 Resp: 7256
 Ion Ratio Lower Upper
 184 100
 63 82.1 55.8 83.6
 154 165.4 63.2 94.8#

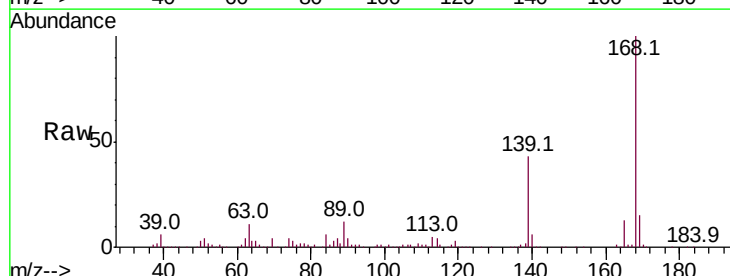


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

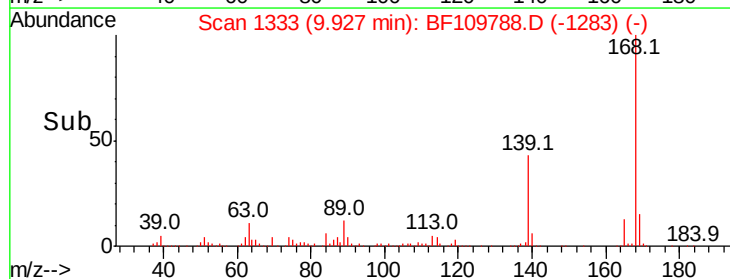
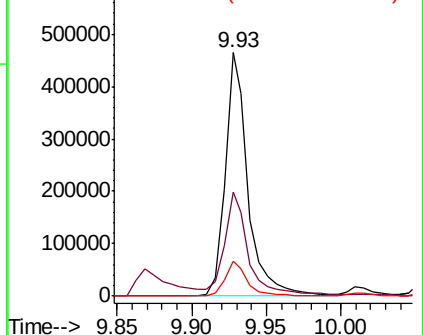


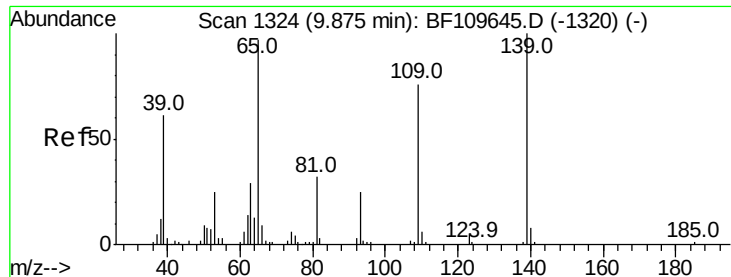
#54
 Dibenzofuran
 Concen: 36.357 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:168 Resp: 500180
 Ion Ratio Lower Upper
 168 100
 139 42.7 33.0 49.6
 169 14.5 11.3 16.9



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

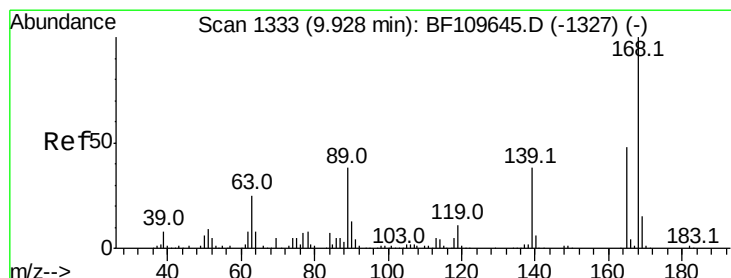
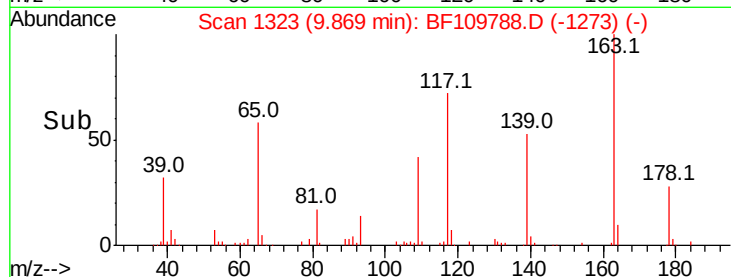
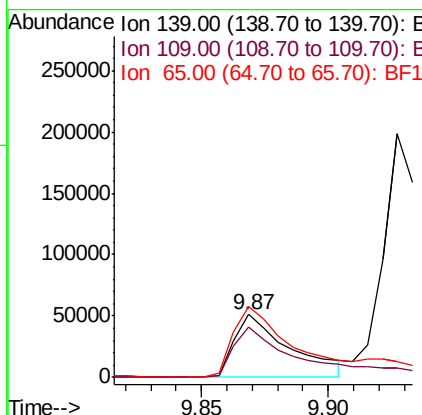
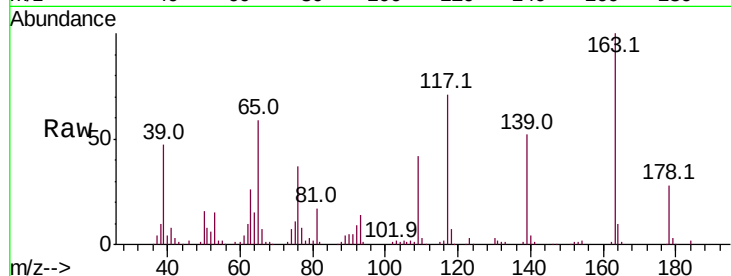




#55
4-Nitrophenol
Concen: 50.157 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

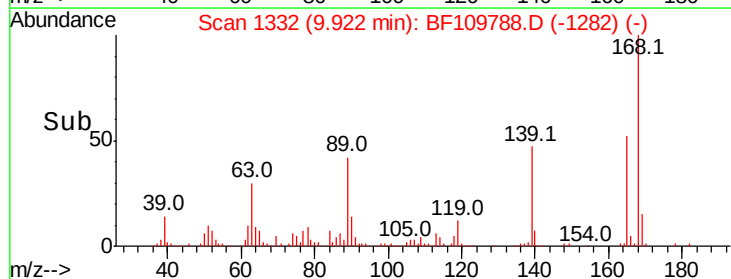
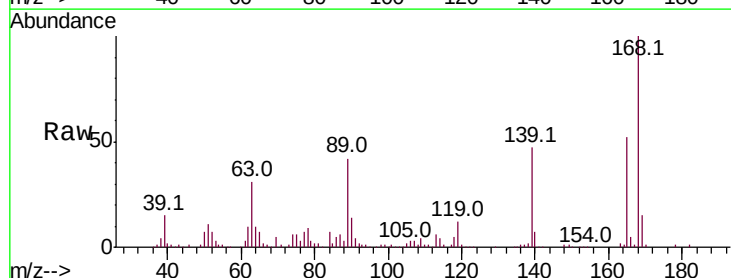
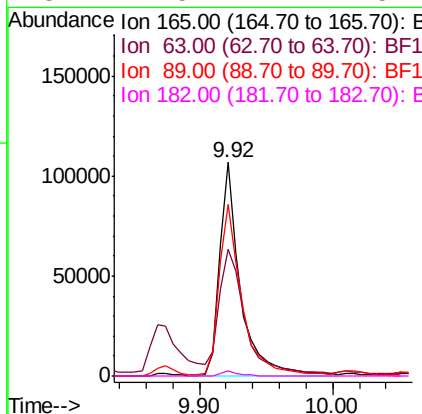
Instrument :
BNA_F
ClientSampleId :
S-23MSD

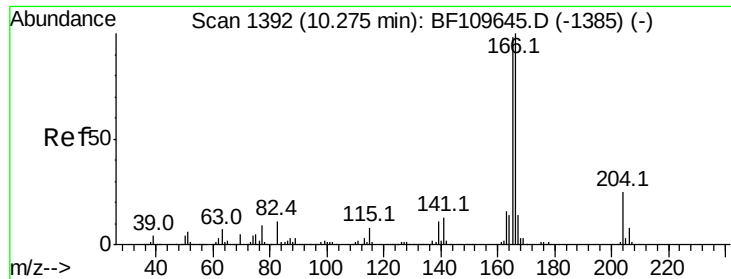
Tot Ion:139 Resp: 77632
Ion Ratio Lower Upper
139 100
109 79.4 55.8 95.8
65 113.4 77.9 117.9



#56
2,4-Dinitrotoluene
Concen: 36.656 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion:165 Resp: 115395
Ion Ratio Lower Upper
165 100
63 59.6 44.8 67.2
89 80.1 62.2 93.4
182 2.5 2.1 3.1

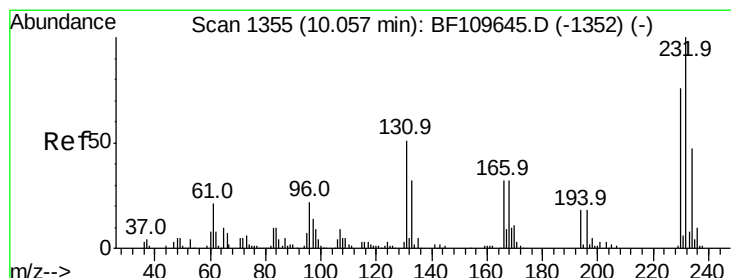
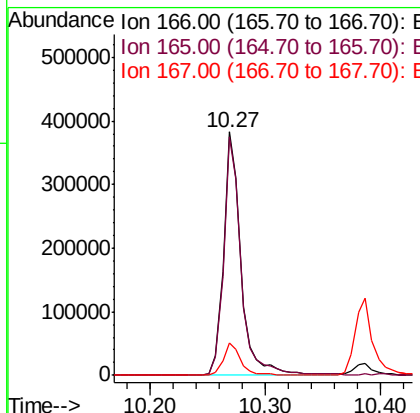
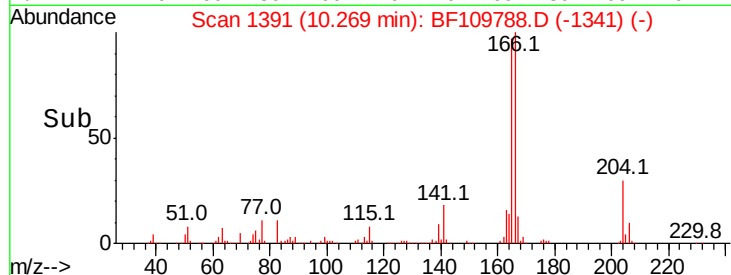
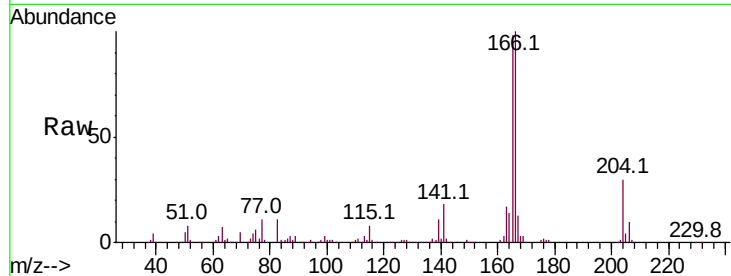




#57
 Fluorene
 Concen: 39.095 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

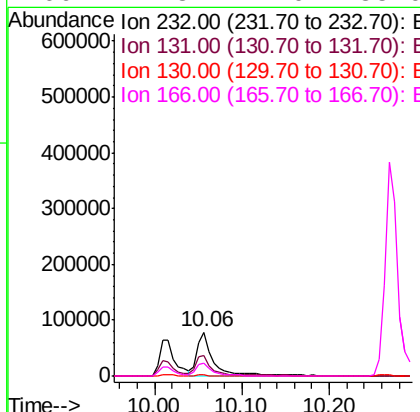
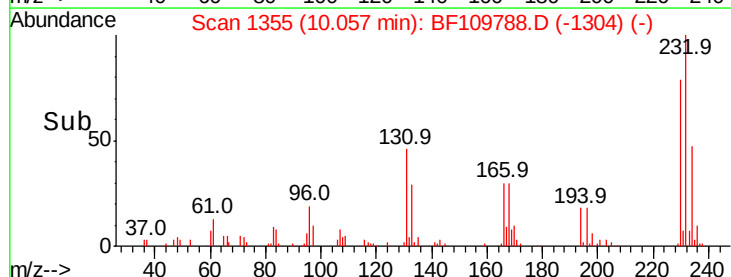
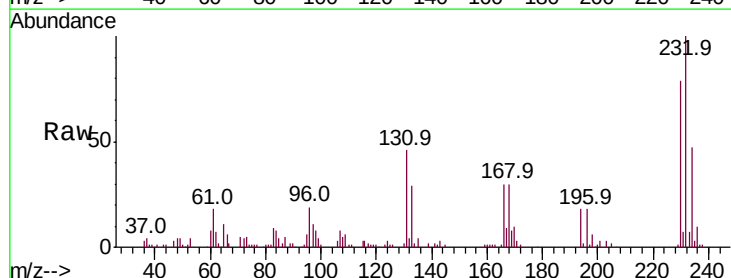
Instrument :
 BNA_F
 ClientSampled :
 S-23MSD

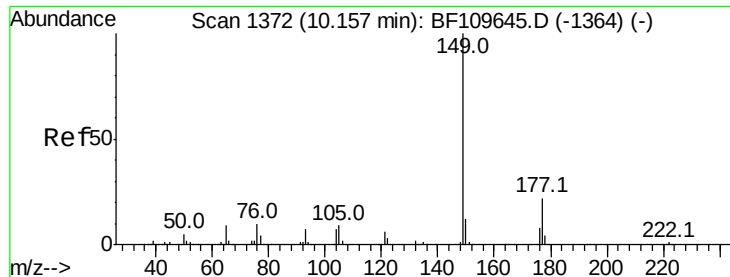
Tot Ion:166 Resp: 401653
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.6 117.8
 167 13.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.632 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:232 Resp: 101497
 Ion Ratio Lower Upper
 232 100
 131 42.6 37.0 55.4
 130 2.0 1.8 2.6
 166 27.8 22.0 33.0

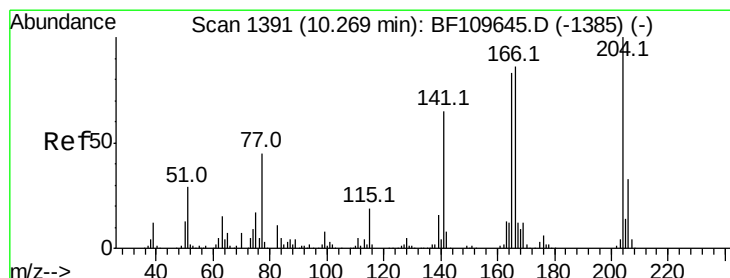
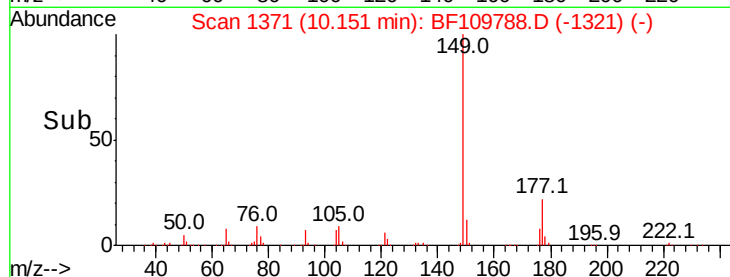
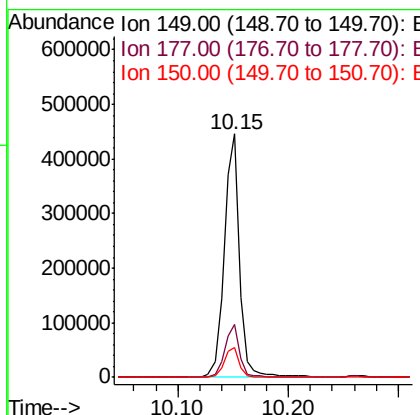
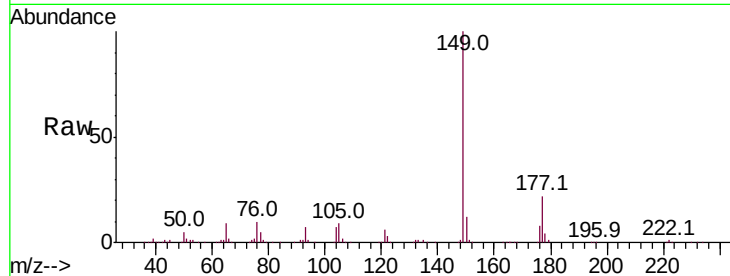




#59
Diethylphthalate
Concen: 37.485 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

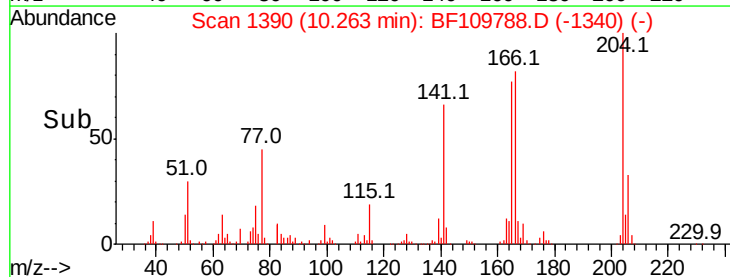
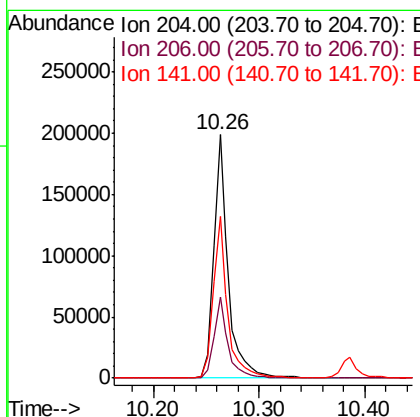
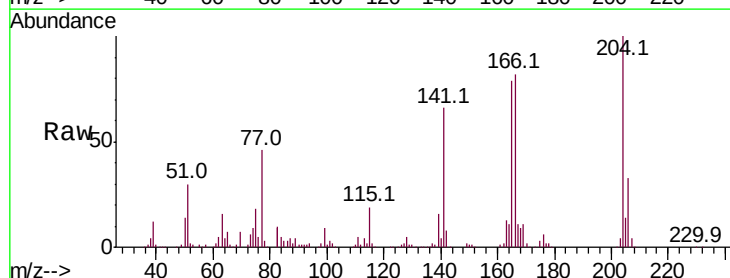
Instrument :
BNA_F
ClientSampleId :
S-23MSD

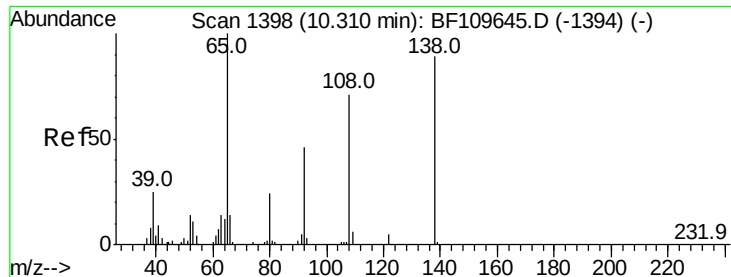
Tot Ion:149 Resp: 432218
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 35.545 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion:204 Resp: 192657
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 66.2 51.8 77.8





#61

4-Nitroaniline

Concen: 32.871 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

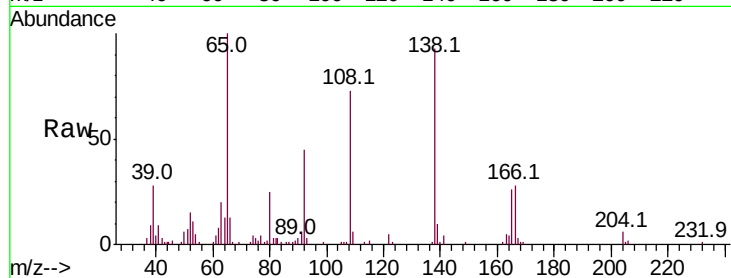
Tot Ion:138 Resp: 86079

Ion Ratio Lower Upper

138 100

92 48.4 31.7 71.7

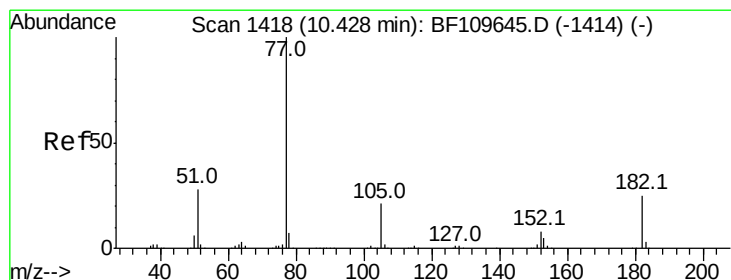
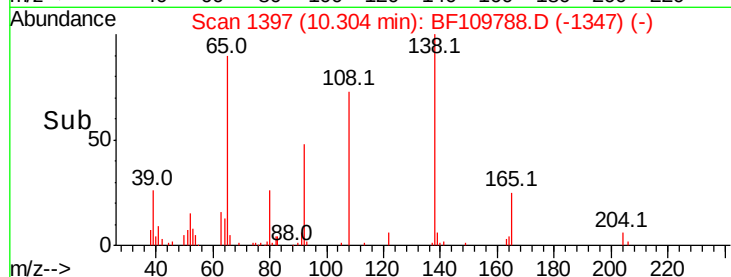
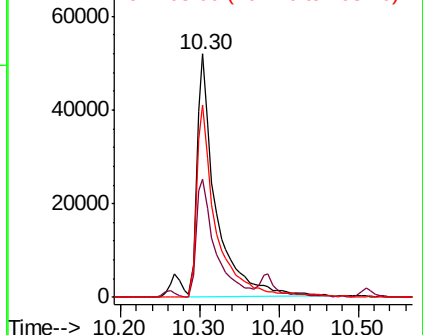
108 79.0 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.149 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Tgt Ion: 77 Resp: 434972

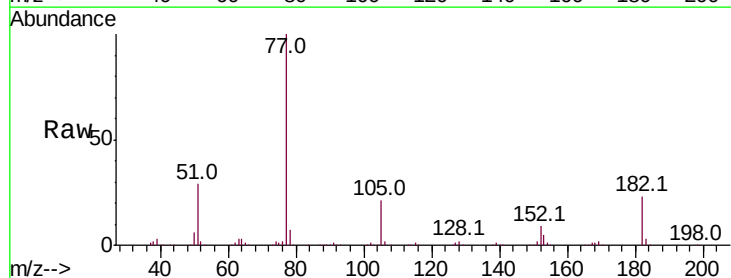
Ion Ratio Lower Upper

77 100

182 23.1 4.3 44.3

105 21.3 1.3 41.3

51 29.1 9.0 49.0

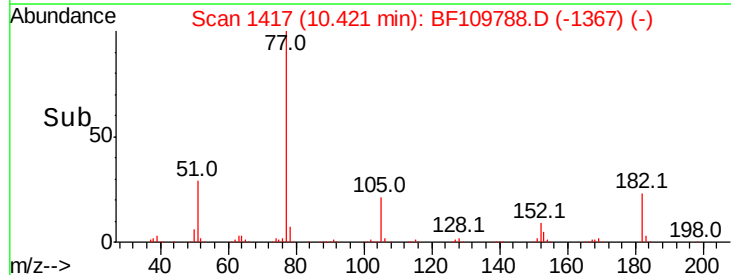
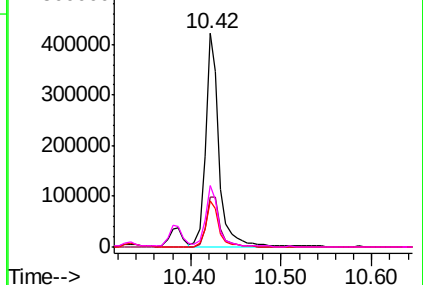


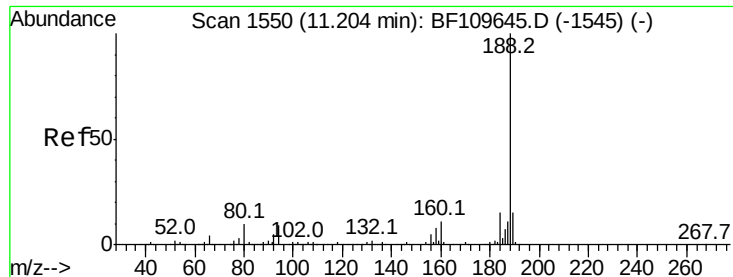
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

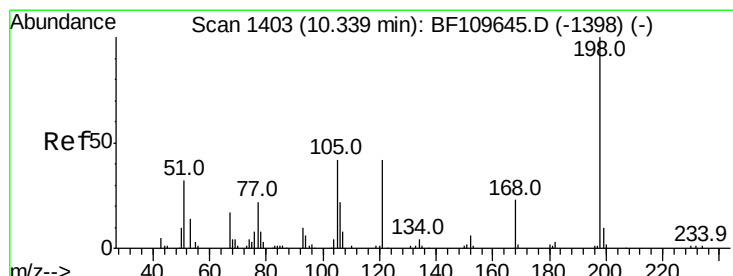
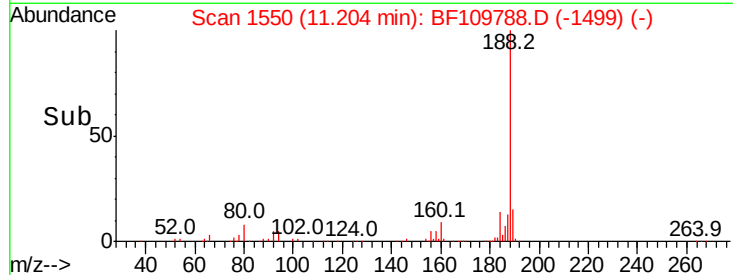
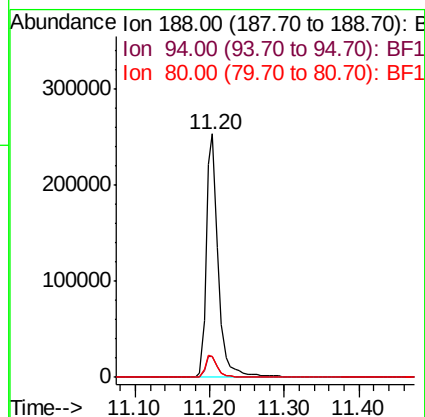
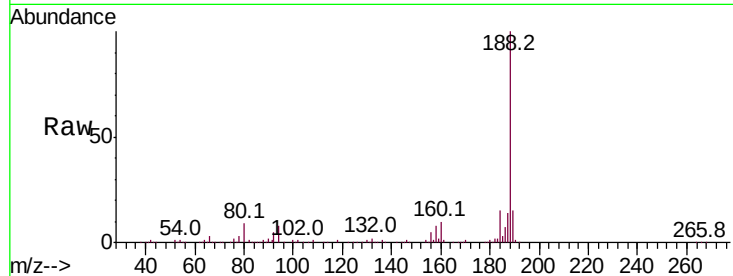




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

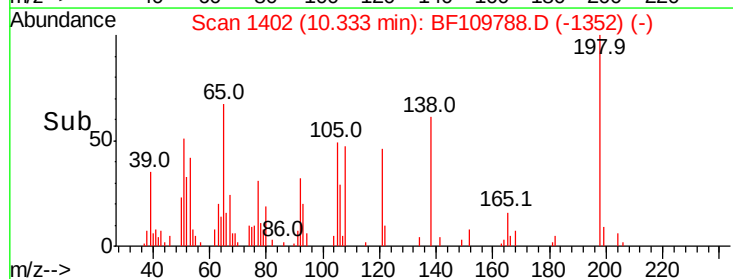
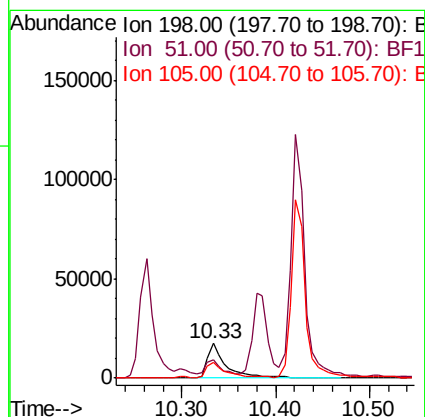
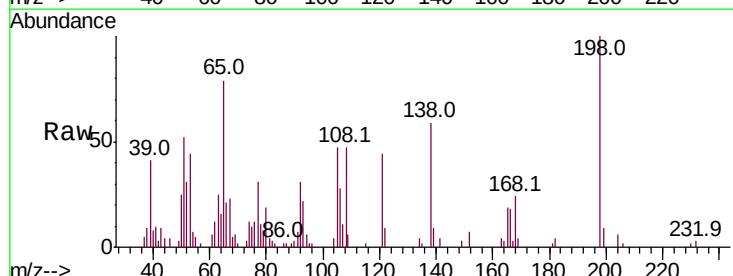
Instrument :
BNA_F
ClientSampleId :
S-23MSD

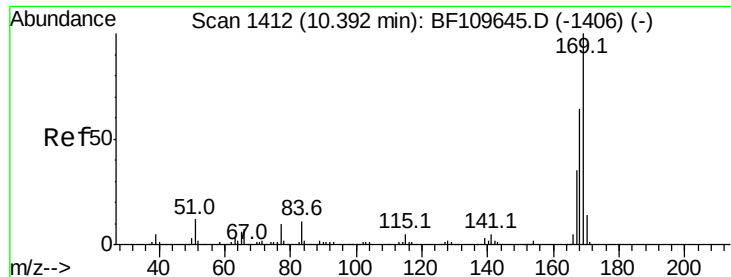
Tot Ion:188 Resp: 283815
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.6 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 18.145 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion:198 Resp: 25066
Ion Ratio Lower Upper
198 100
51 51.6 22.8 62.8
105 46.7 23.6 63.6

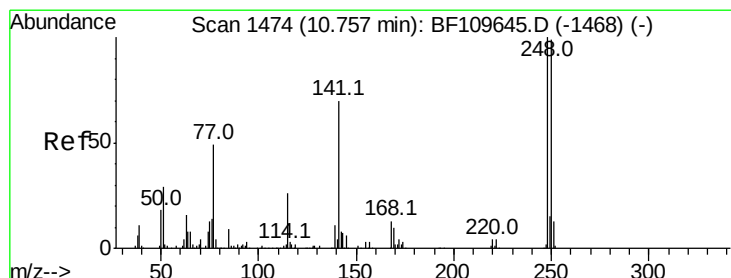
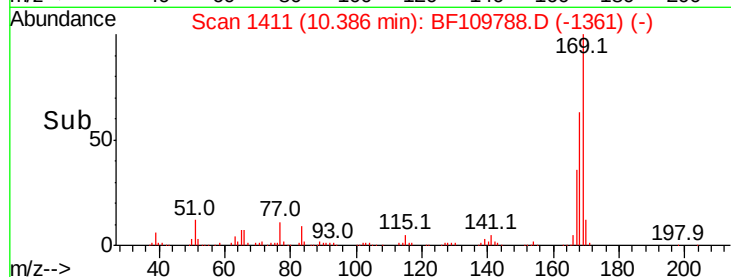
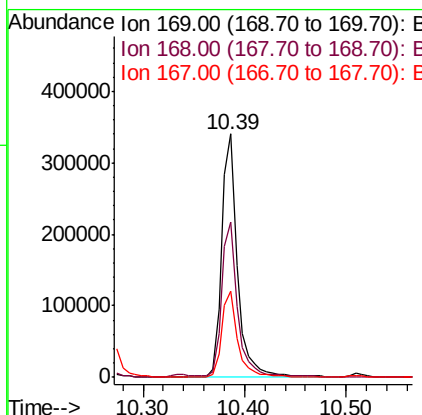
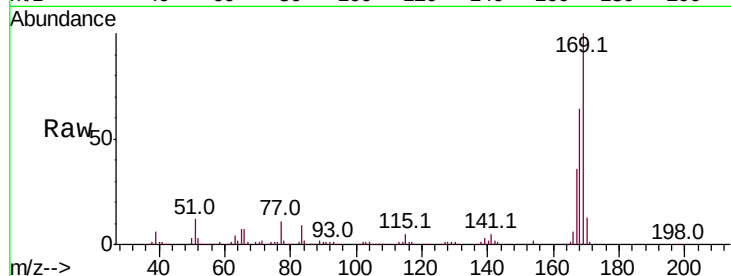




#65
 n-Nitrosodiphenylamine
 Concen: 38.180 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

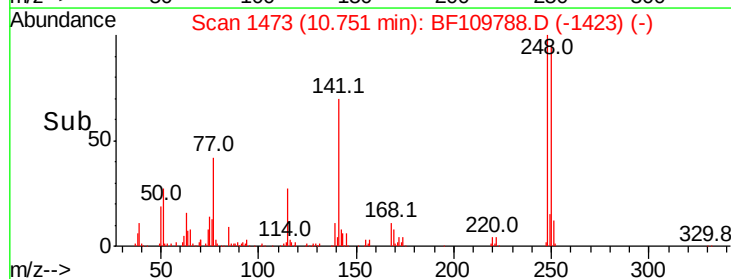
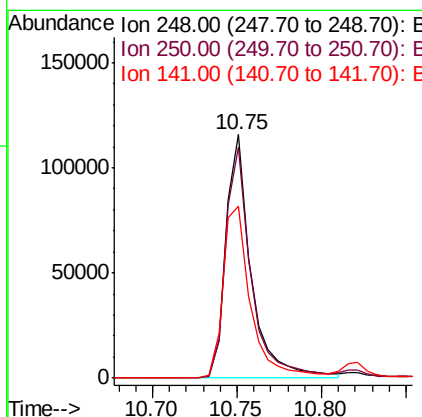
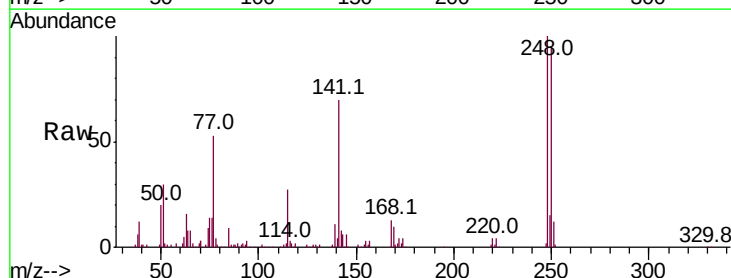
Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

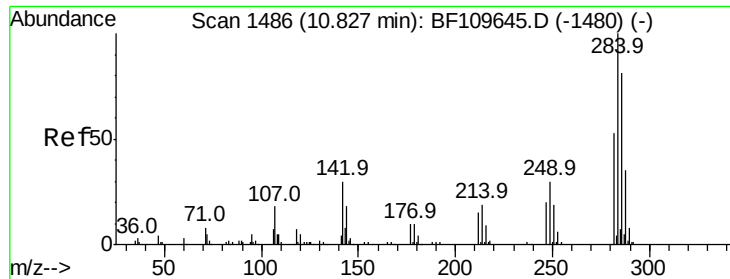
Tot Ion:169 Resp: 367347
 Ion Ratio Lower Upper
 169 100
 168 63.6 51.2 76.8
 167 35.7 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.048 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:248 Resp: 120815
 Ion Ratio Lower Upper
 248 100
 250 94.9 79.4 119.2
 141 70.4 55.9 83.9

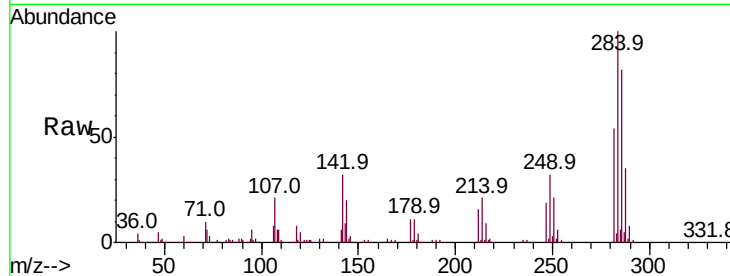




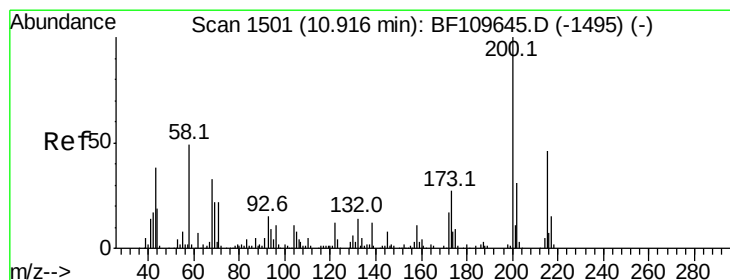
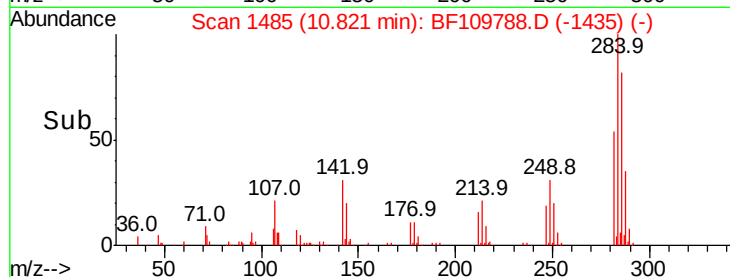
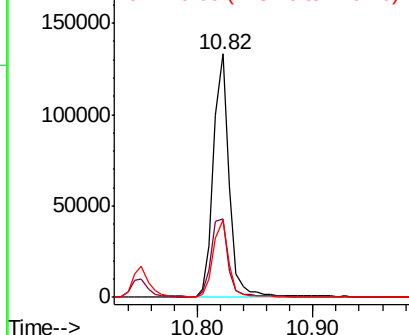
#67
Hexachlorobenzene
Concen: 36.251 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Instrument :
BNA_F
ClientSampleId :
S-23MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.9	35.9
249	31.7	24.2	36.2

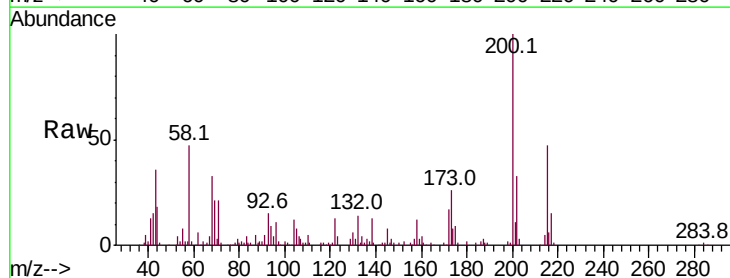


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

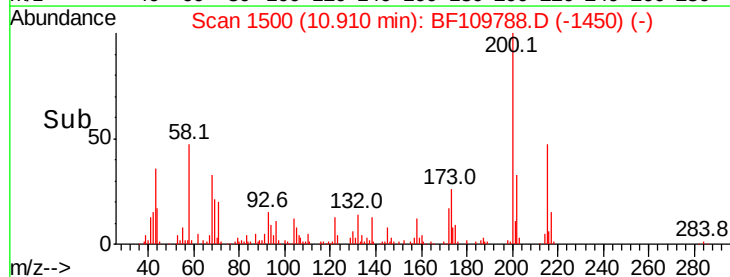
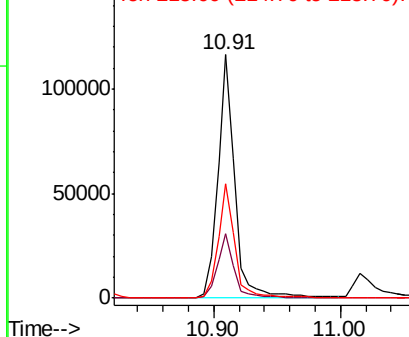


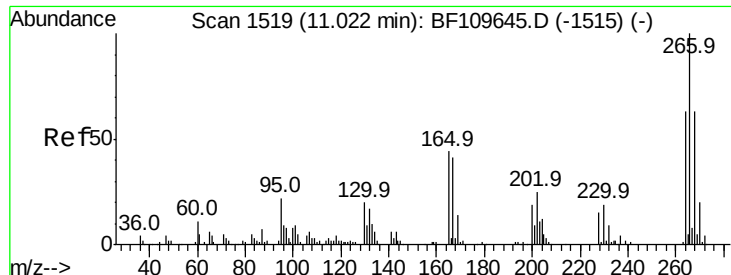
#68
Atrazine
Concen: 36.672 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	46.8	26.3	66.3



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

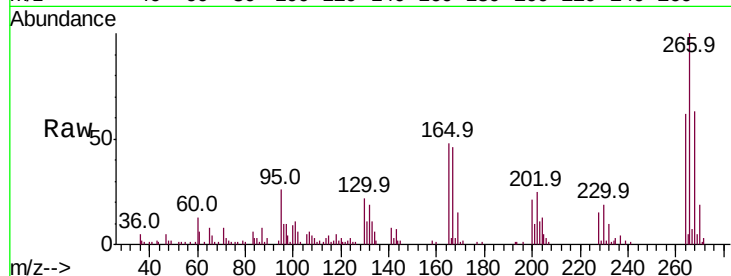




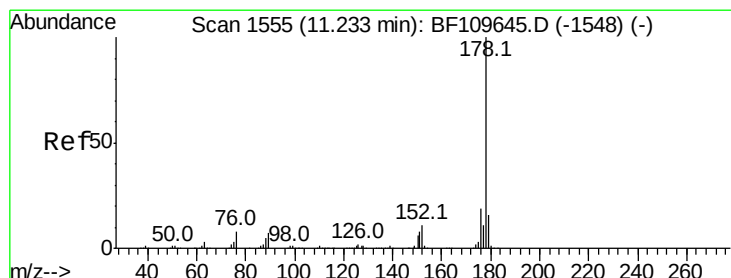
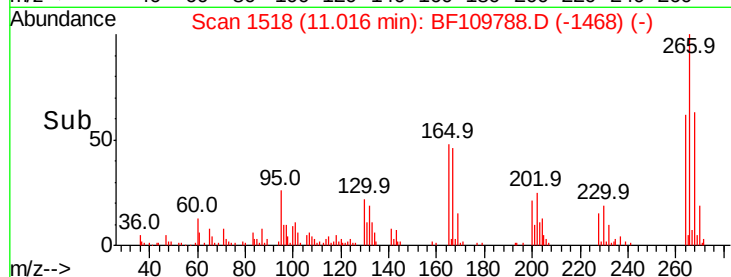
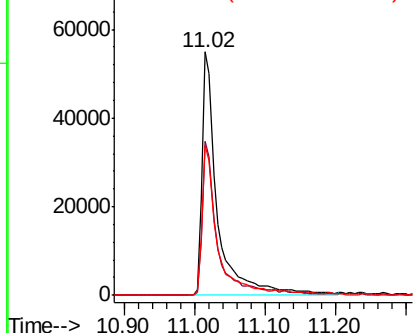
#69
 Pentachlorophenol
 Concen: 42.856 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampled :
 S-23MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	75.8
264	61.8	50.6	75.8

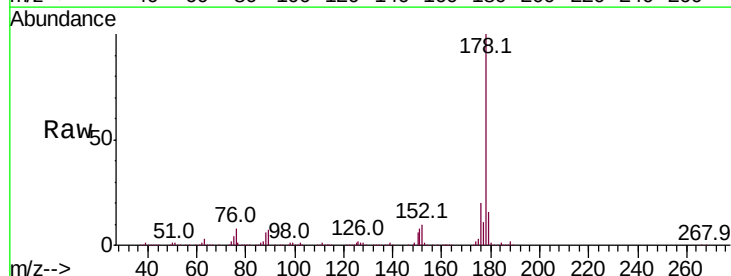


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

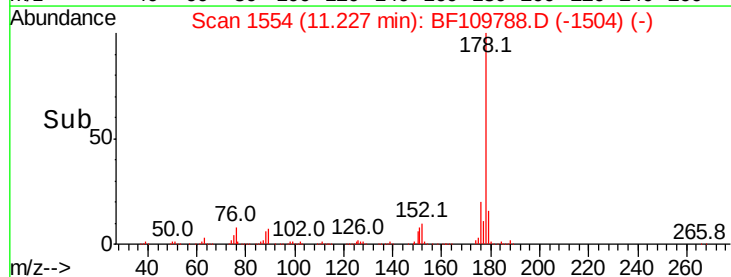
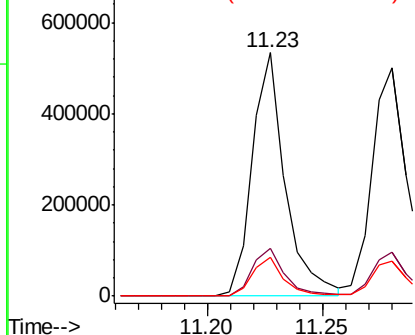


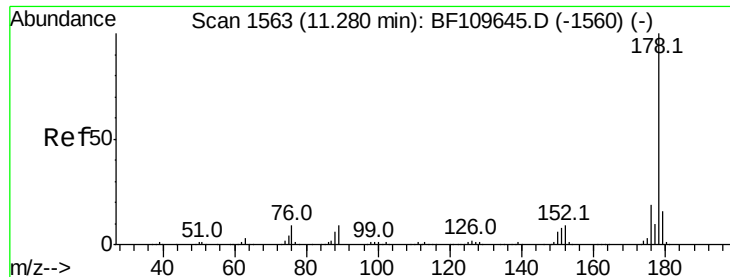
#70
 Phenanthrene
 Concen: 37.687 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.7	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

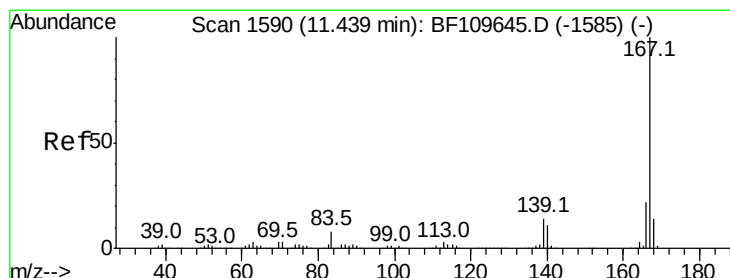
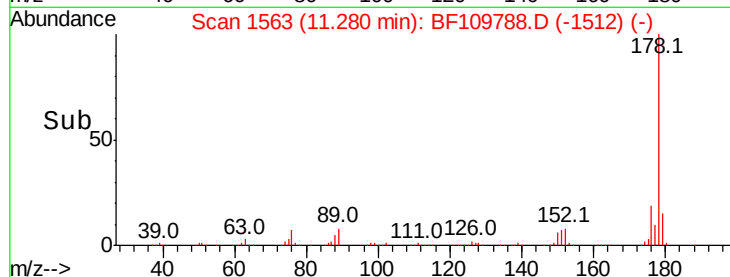
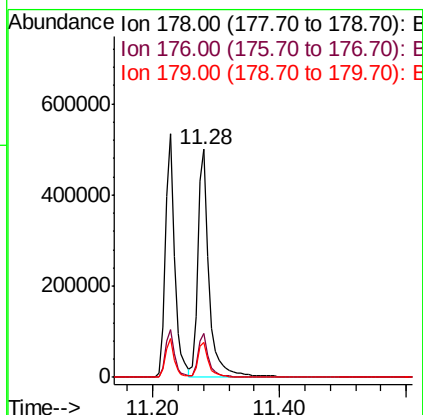
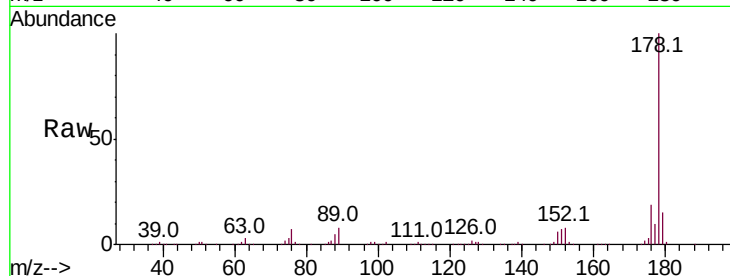




#71
 Anthracene
 Concen: 40.613 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

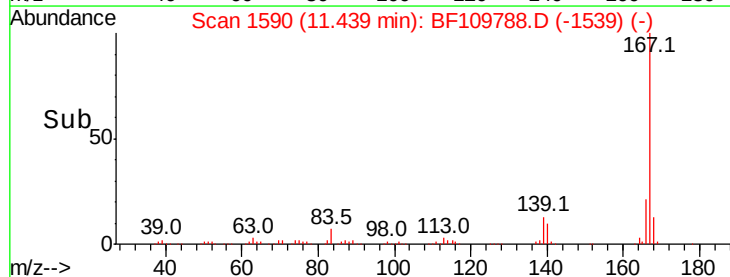
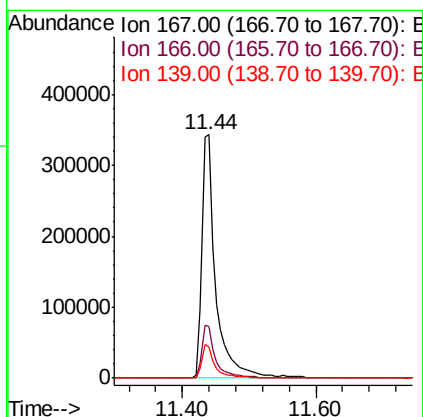
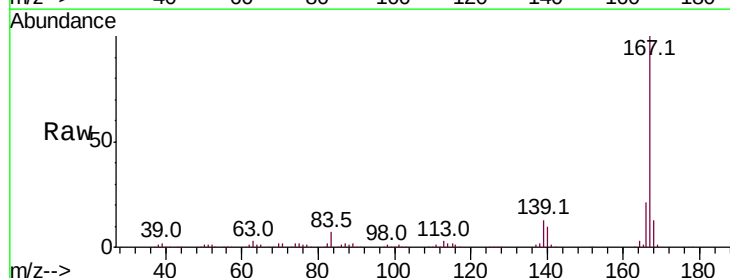
Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

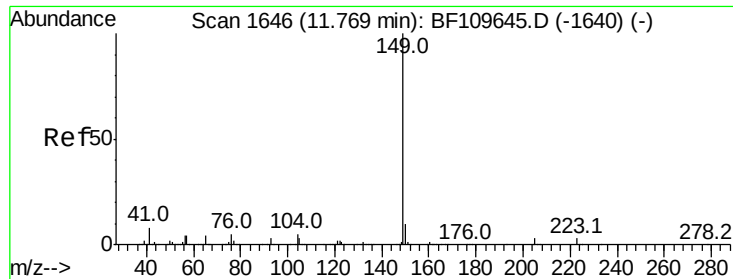
Tot Ion:178 Resp: 596290
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 34.108 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:167 Resp: 485691
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.7 10.9 16.3

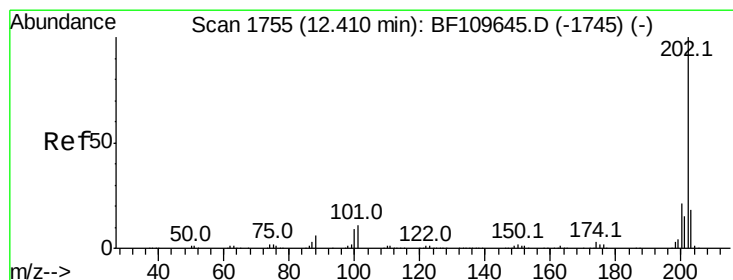
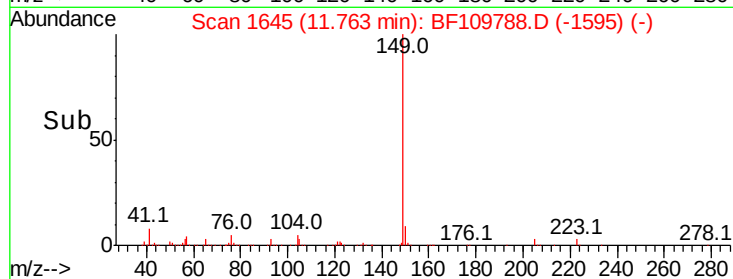
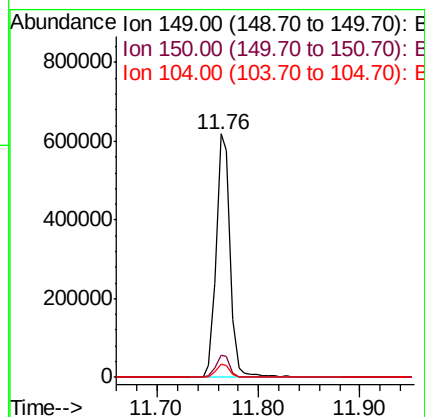
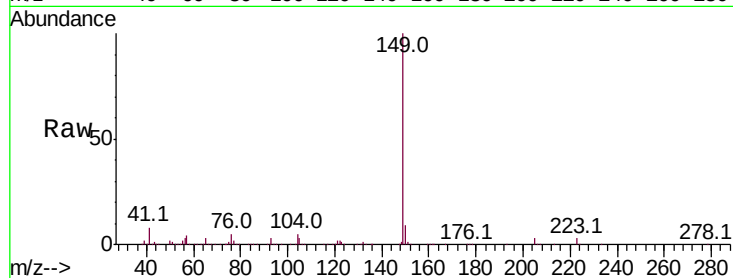




#73
Di-n-butylphthalate
Concen: 36.280 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

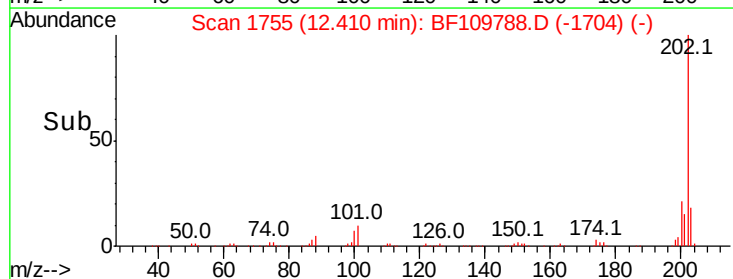
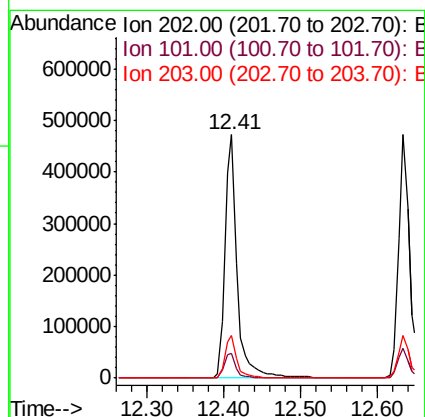
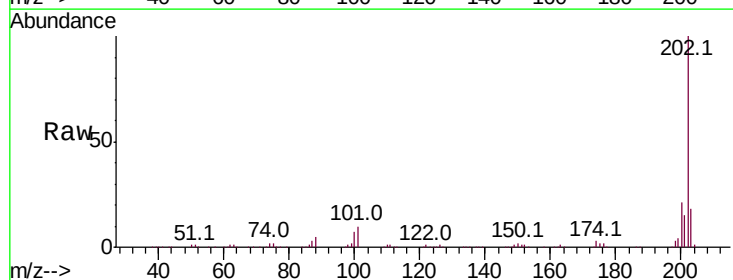
Instrument :
BNA_F
ClientSampleId :
S-23MSD

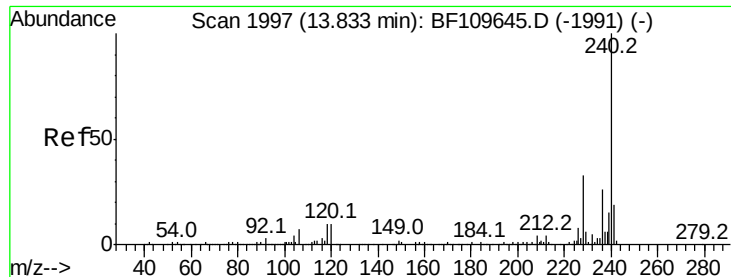
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.3	4.2	6.4



#74
Fluoranthene
Concen: 34.665 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.5	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

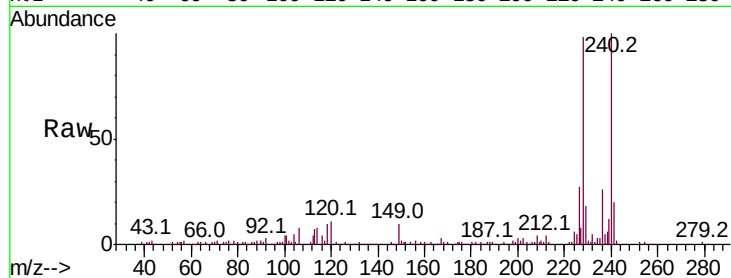
Tot Ion:240 Resp: 181176

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

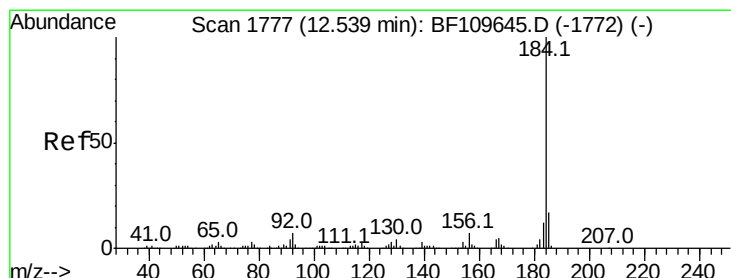
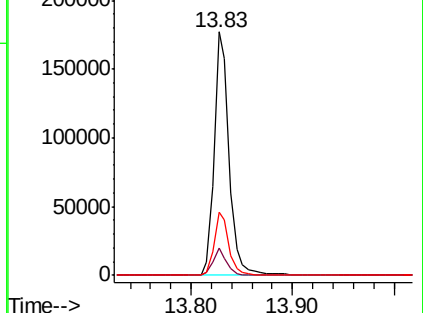
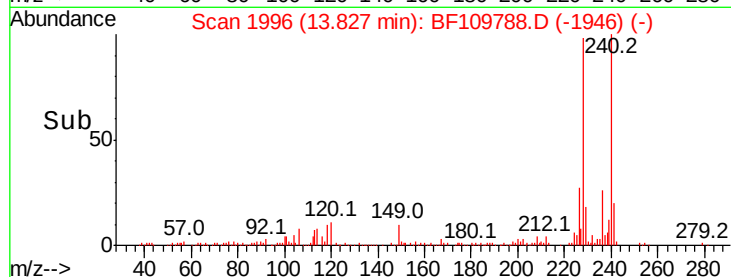
236 25.7 21.2 31.8



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



#76

Benzidine

Concen: 16.823 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

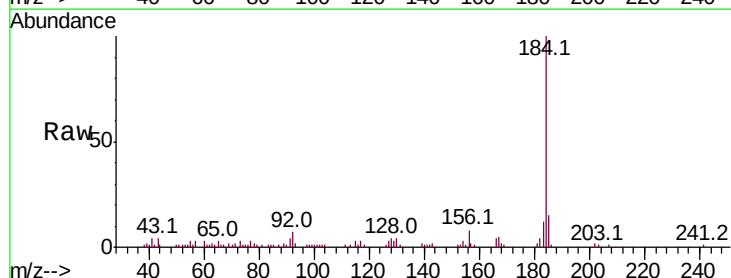
Tgt Ion:184 Resp: 113225

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

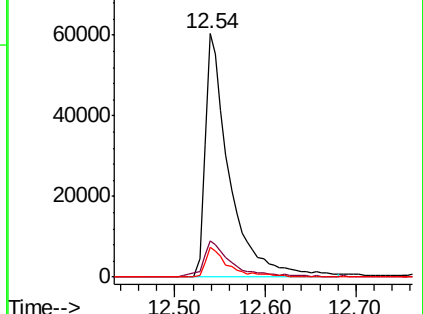
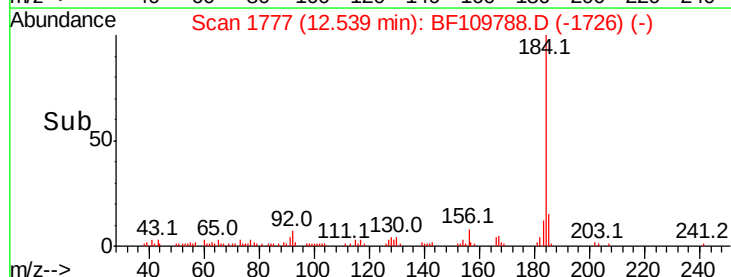
183 12.3 9.4 14.2

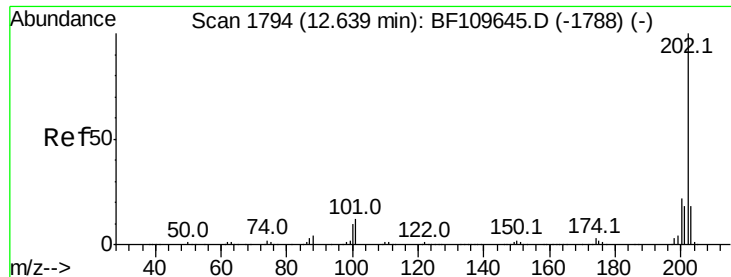


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.508 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

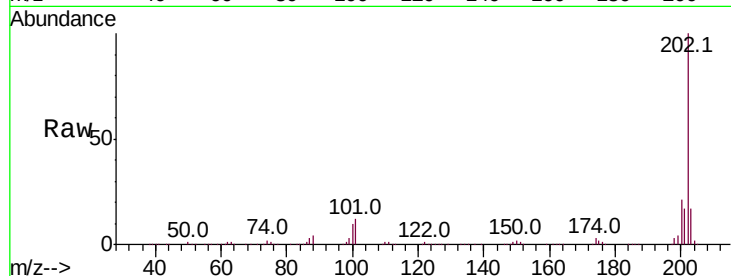
Tot Ion:202 Resp: 497885

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

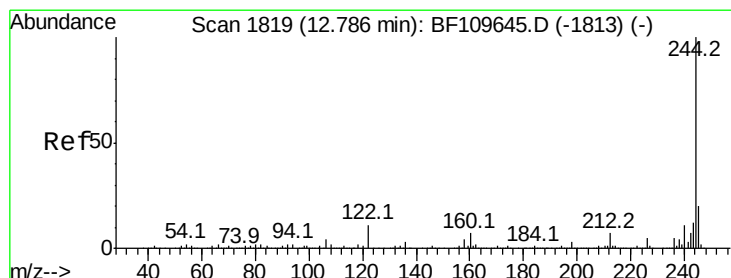
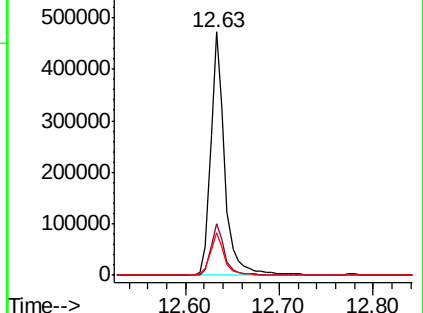
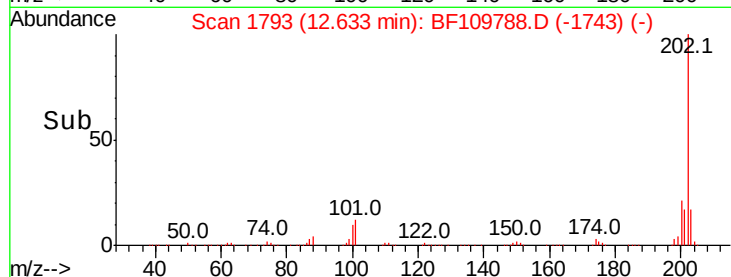
203 17.5 14.2 21.4



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



#78

Terphenyl-d14

Concen: 72.245 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

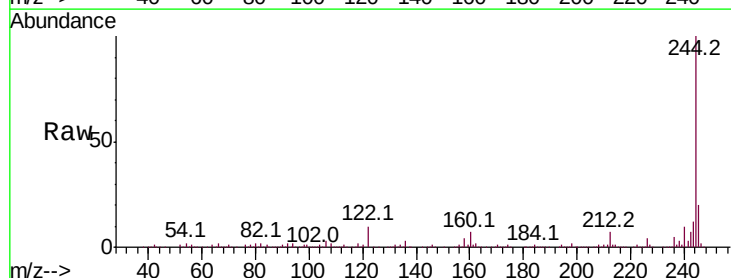
Tgt Ion:244 Resp: 676141

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

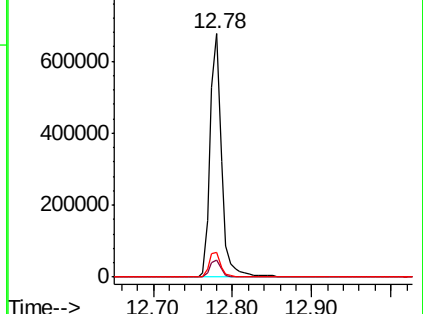
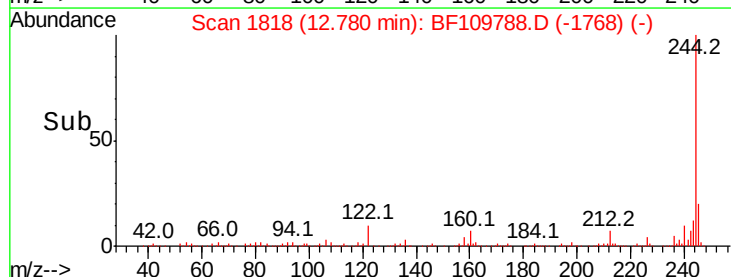
122 10.1 8.7 13.1

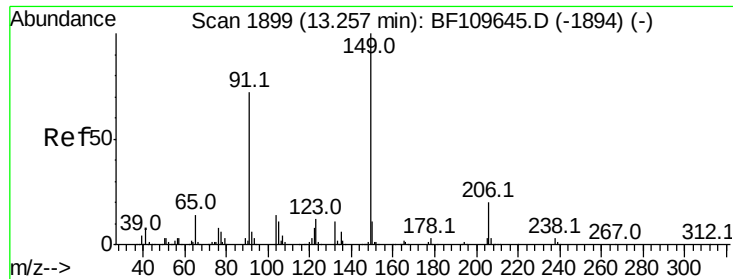


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

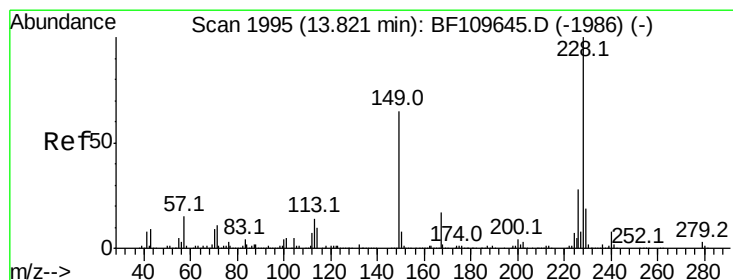
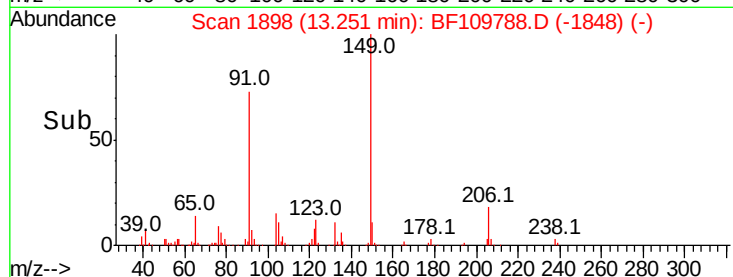
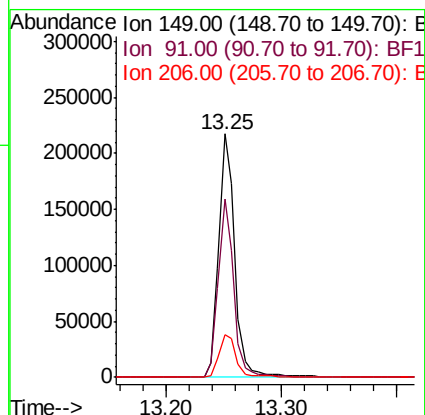
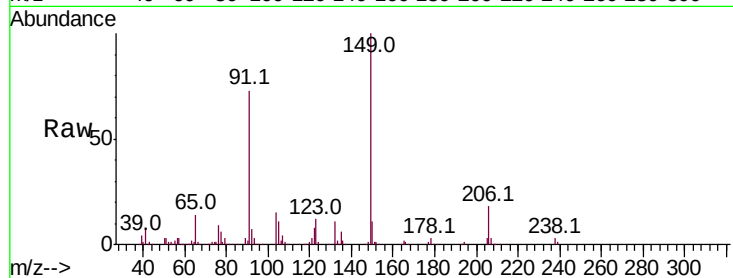




#79
Butylbenzylphthalate
Concen: 36.548 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

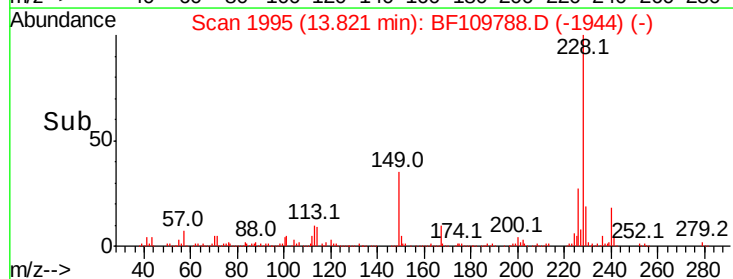
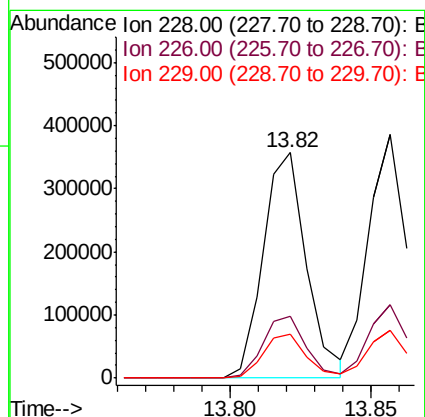
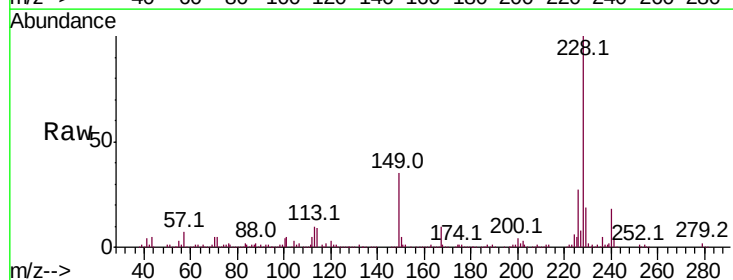
Instrument :
BNA_F
ClientSampleID :
S-23MSD

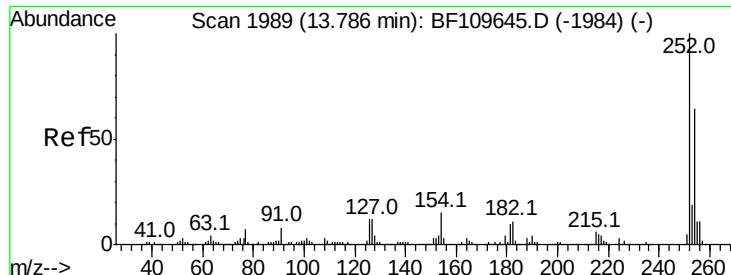
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.0	57.2	85.8
206	17.7	15.7	23.5



#80
Benzo(a)anthracene
Concen: 37.923 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.4	15.6	23.4

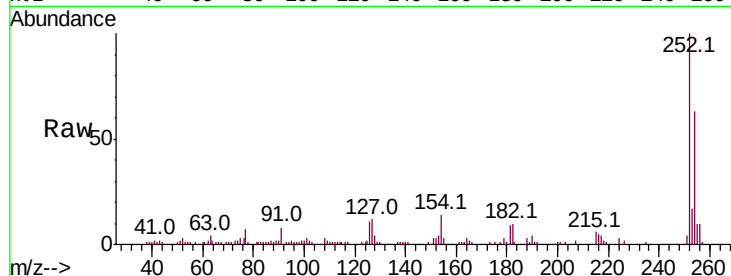




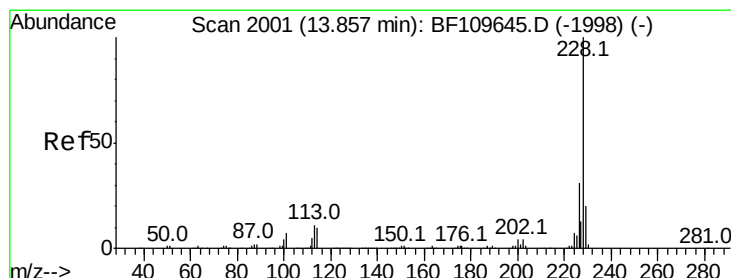
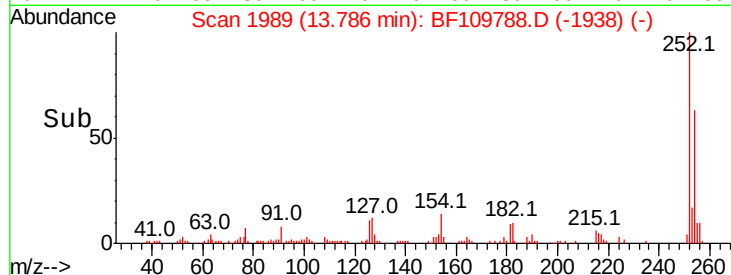
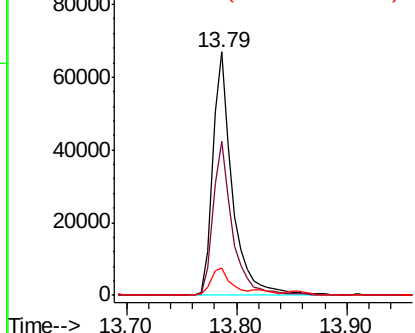
#81
 3,3'-Dichlorobenzidine
 Concen: 20.216 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:252 Resp: 81386
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.3 76.9
 126 11.1 9.4 14.2

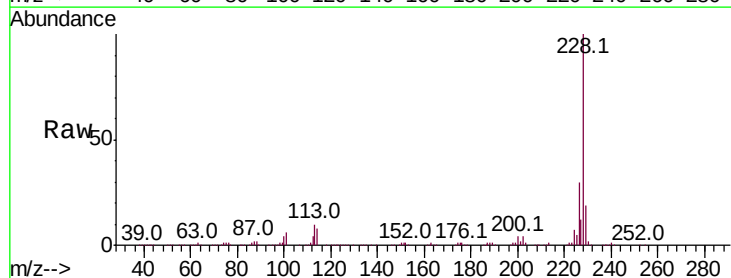


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

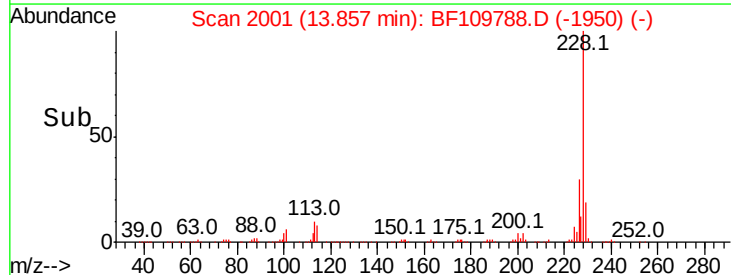
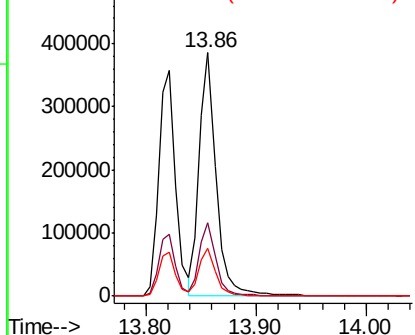


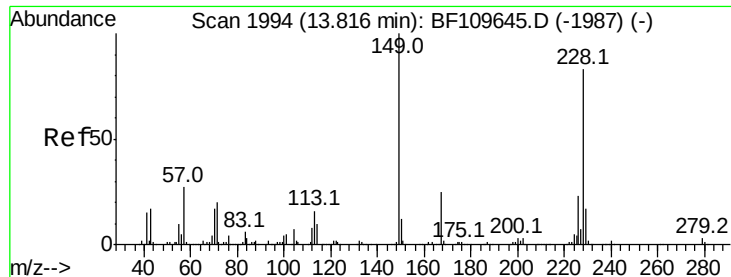
#82
 Chrysene
 Concen: 38.091 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:228 Resp: 400019
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.7 37.1
 229 19.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

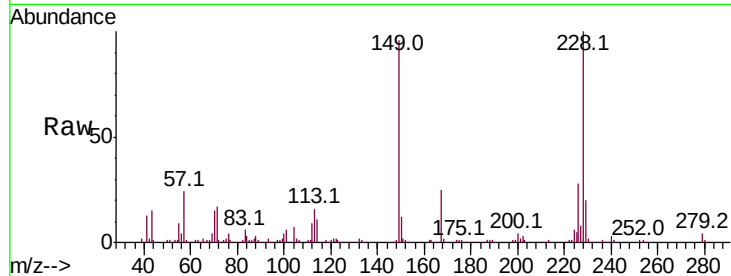




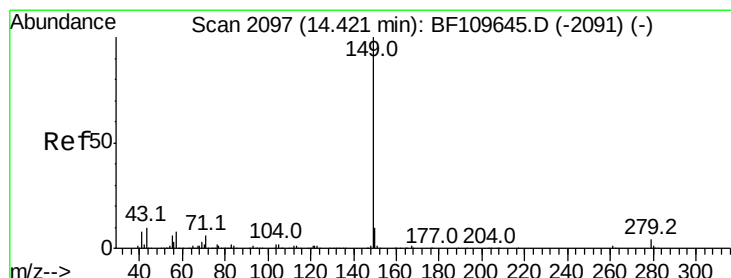
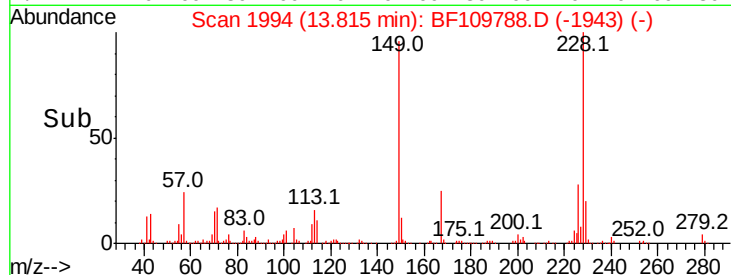
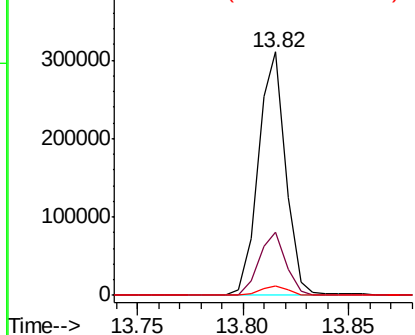
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.772 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 S-23MSD

Tot Ion:149 Resp: 279253
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.8 29.8
 279 3.8 2.7 4.1

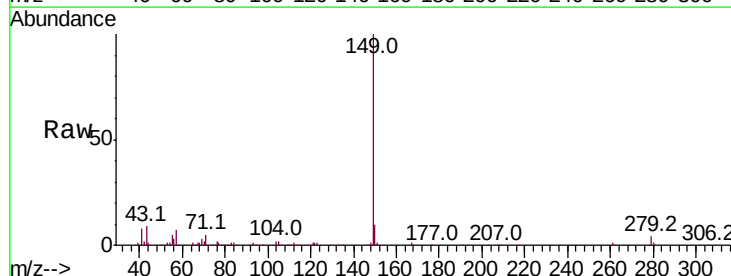


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

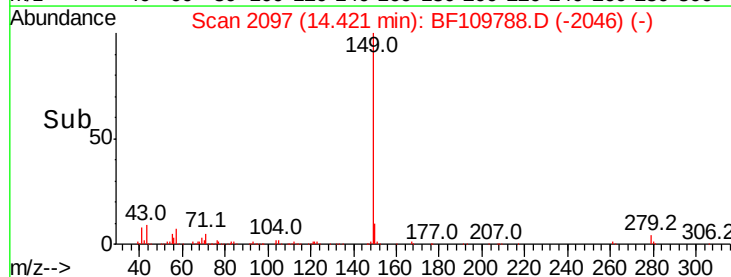
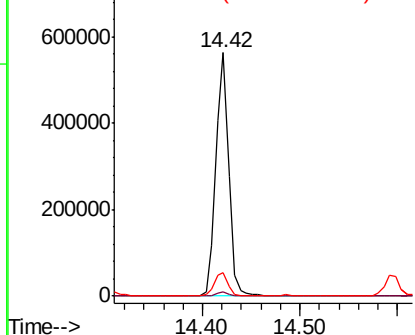


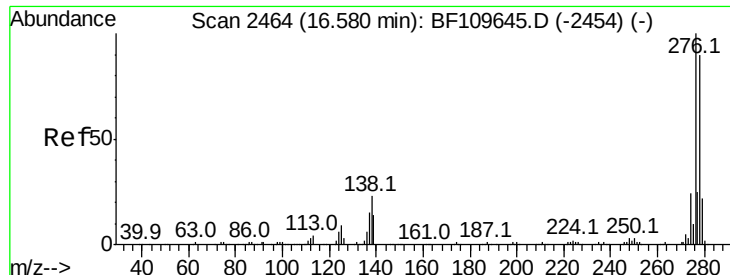
#84
 Di-n-octyl phthalate
 Concen: 46.379 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion:149 Resp: 514732
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.7 7.8 11.8



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

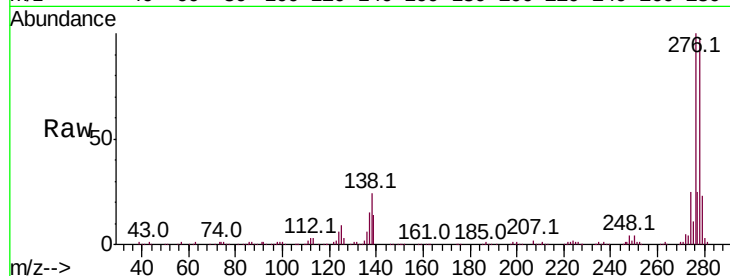




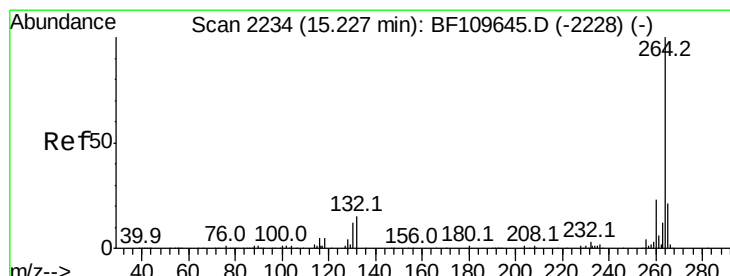
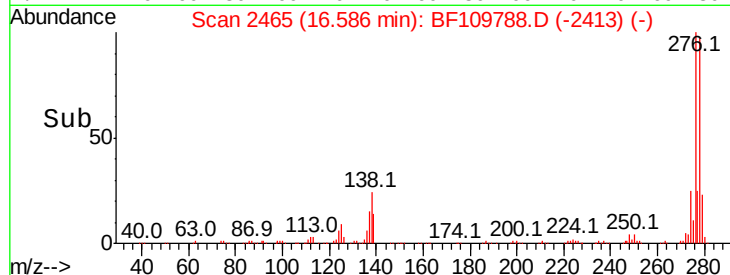
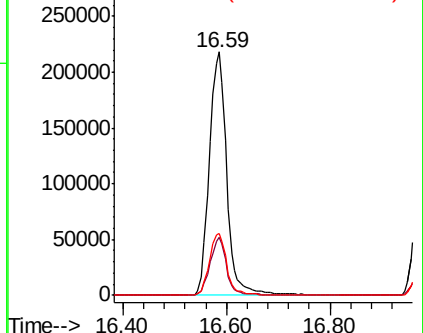
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.588 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Instrument :
 BNA_F
 ClientSampled :
 S-23MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.5	27.7
277	25.0	20.0	30.0

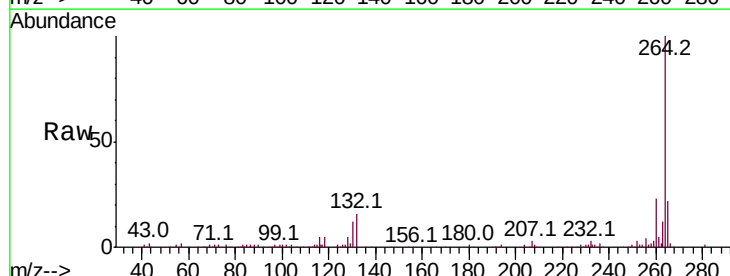


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

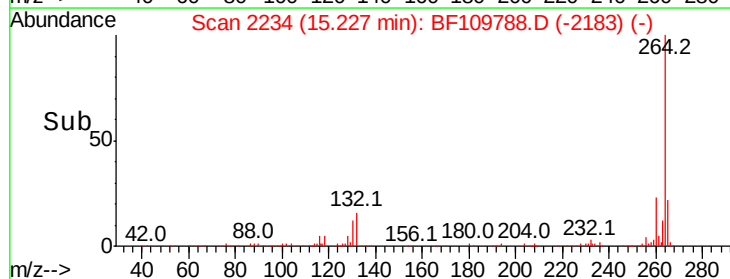
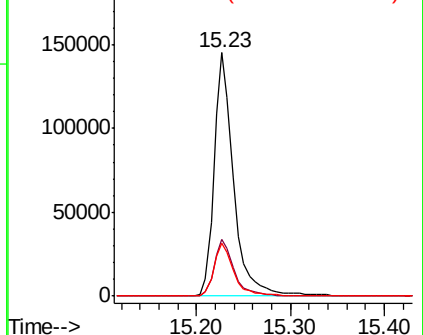


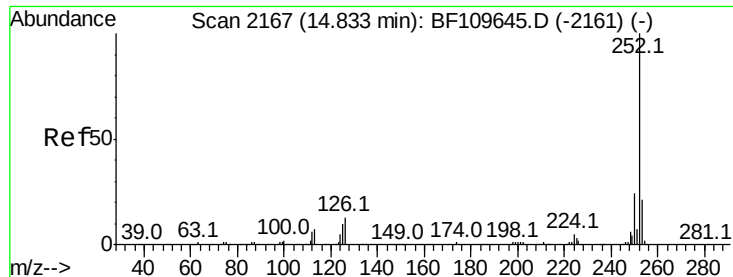
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109788.D
 Acq: 11 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.9	16.7	25.1



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

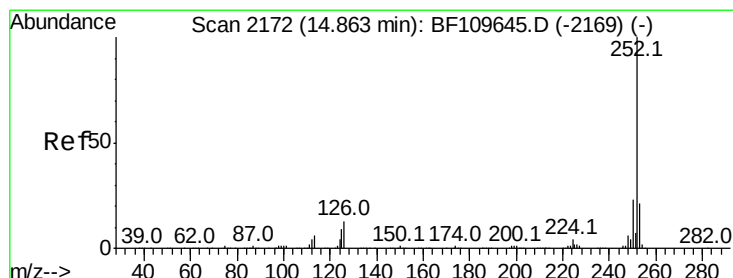
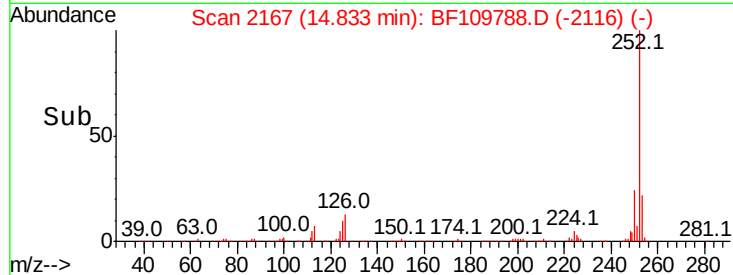
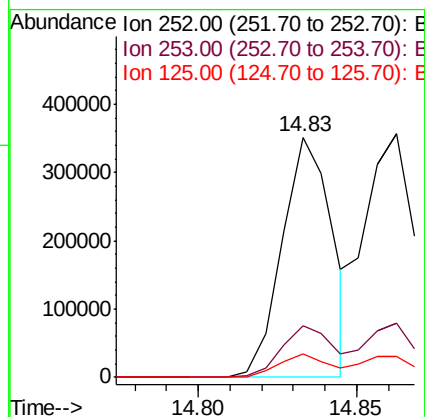
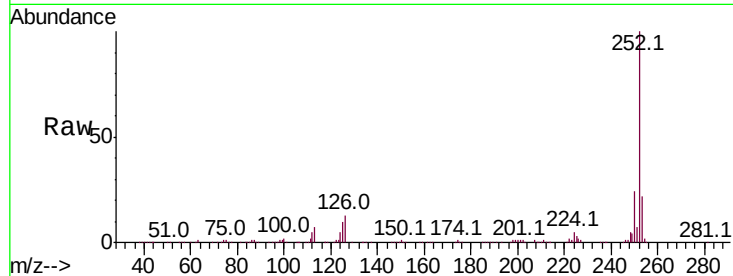




#87
Benzo(b)fluoranthene
Concen: 32.720 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

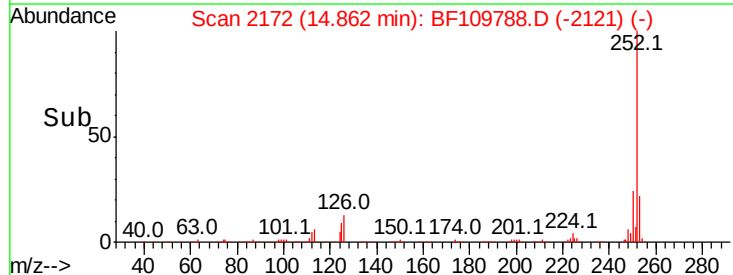
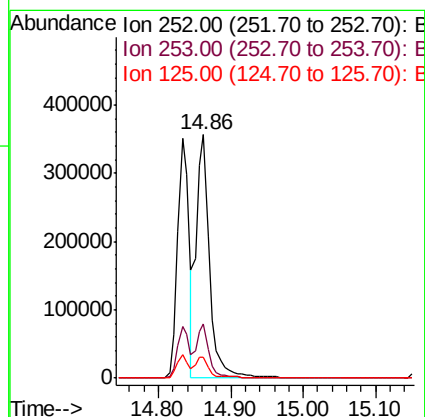
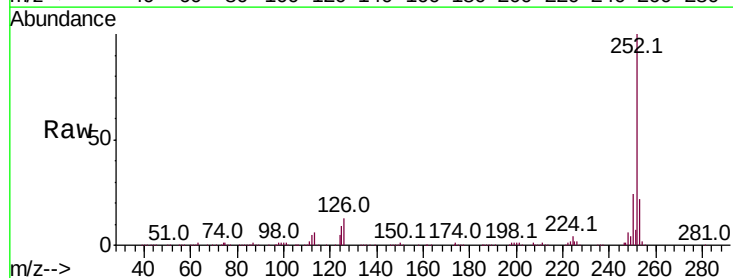
Instrument :
BNA_F
ClientSampleId :
S-23MSD

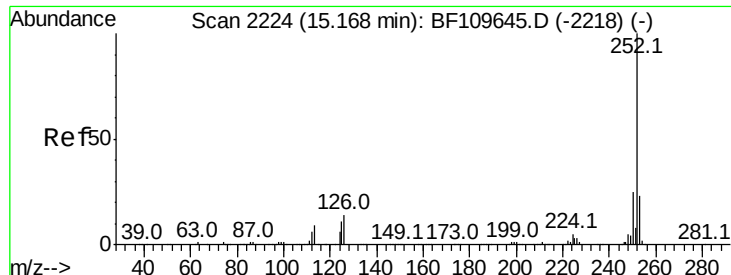
Tot Ion:252 Resp: 386058
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.7 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 37.907 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109788.D
Acq: 11 Oct 2018 15:52

Tgt Ion:252 Resp: 449378
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 8.8 7.4 11.0





#89

Benzo(a)pyrene

Concen: 39.289 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

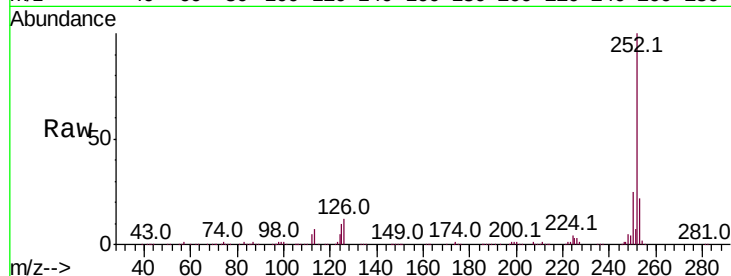
Tot Ion:252 Resp: 420671

Ion Ratio Lower Upper

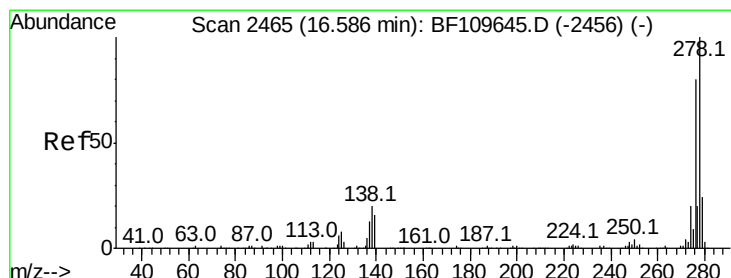
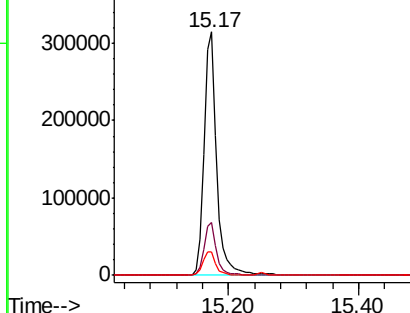
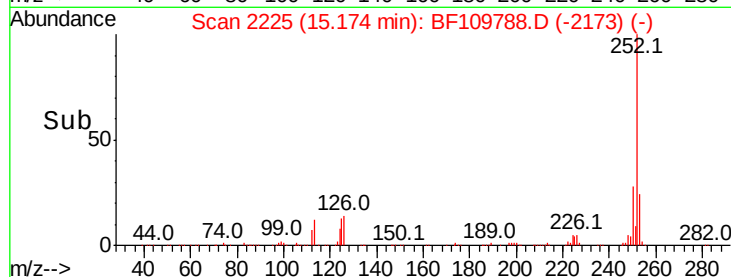
252 100

253 21.8 18.2 27.4

125 9.8 9.0 13.6



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



#90

Dibenzo(a,h)anthracene

Concen: 49.424 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

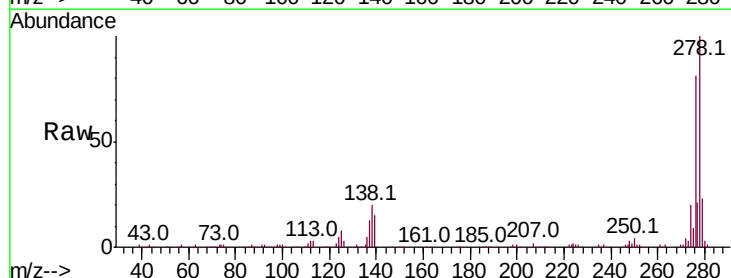
Tgt Ion:278 Resp: 434612

Ion Ratio Lower Upper

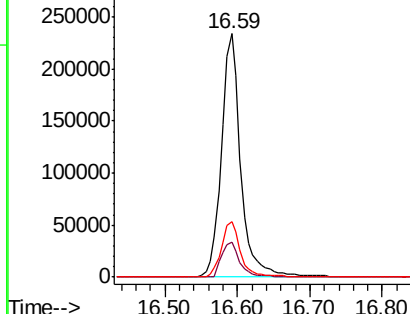
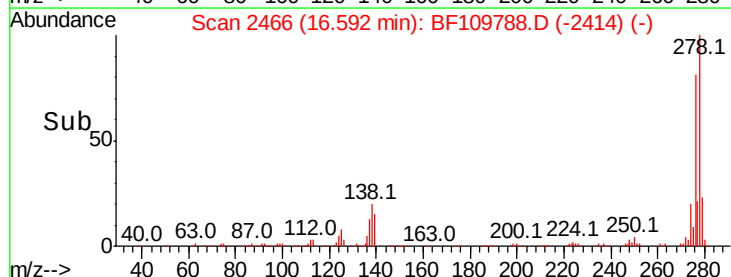
278 100

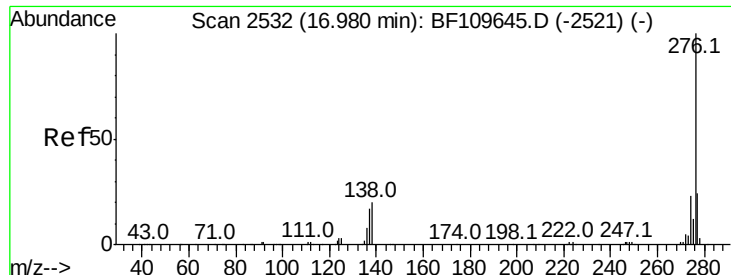
139 14.6 12.7 19.1

279 23.0 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 49.027 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109788.D

Acq: 11 Oct 2018 15:52

Instrument :

BNA_F

ClientSampleId :

S-23MSD

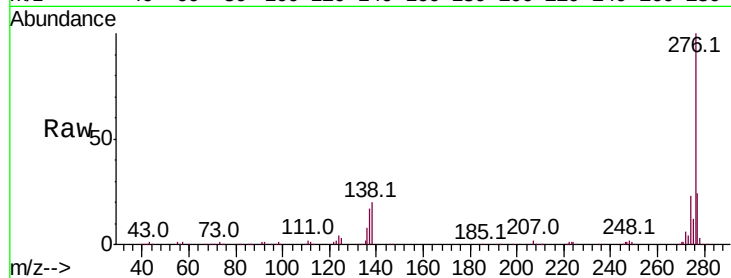
Tot Ion:276 Resp: 430511

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 19.7 16.0 24.0



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

