

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111853.D
 Acq On : 4 Jan 2019 19:08
 Operator : JU/SJ
 Sample : K1040-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 23:30:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172524	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	668189	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	363134	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	550257	20.00	ng	0.00
76) Chrysene-d12	14.06	240	355162	20.00	ng	0.01
87) Perylene-d12	15.55	264	406592	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1487172	146.93	ng	0.02
7) Phenol-d6	6.55	99	1555231	120.74	ng	0.02
23) Nitrobenzene-d5	7.46	82	1014278	88.36	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	491766	114.61	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1918955	77.02	ng	0.00
79) Terphenyl-d14	13.00	244	1166881	62.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	178075	37.395	ng	95
3) Pyridine	3.51	79	490976	39.574	ng	98
4) n-Nitrosodimethylamine	3.46	42	288036	47.439	ng	86
6) Aniline	6.56	93	336038	20.466	ng	# 1
8) 2-Chlorophenol	6.69	128	476460	42.495	ng	98
9) Benzaldehyde	6.44	77	191596	21.627	ng	96
10) Phenol	6.56	94	629760	43.331	ng	81
11) bis(2-Chloroethyl)ether	6.63	93	445135	40.872	ng	99
12) 1,3-Dichlorobenzene	6.84	146	519811	40.005	ng	100
13) 1,4-Dichlorobenzene	6.92	146	533005	40.448	ng	97
14) 1,2-Dichlorobenzene	7.07	146	497040	40.428	ng	98
15) Benzyl Alcohol	7.04	79	430281	42.060	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	720183	35.904	ng	79
17) 2-Methylphenol	7.16	107	383004	42.661	ng	# 92
18) Hexachloroethane	7.41	117	184892	41.637	ng	# 88
19) n-Nitroso-di-n-propylamine	7.31	70	338730	39.596	ng	99
20) 3+4-Methylphenols	7.31	107	480921	42.394	ng	# 85
22) Acetophenone	7.30	105	648512	38.310	ng	# 93
24) Nitrobenzene	7.48	77	510425	42.424	ng	98
25) Isophorone	7.72	82	903662	44.342	ng	98
26) 2-Nitrophenol	7.79	139	256692	52.606	ng	# 93
27) 2,4-Dimethylphenol	7.84	122	417343	43.388	ng	95
28) bis(2-Chloroethoxy)methane	7.92	93	564146	41.600	ng	98
29) 2,4-Dichlorophenol	8.04	162	421618	40.751	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	447661	38.829	ng	97
31) Naphthalene	8.20	128	1405654	43.782	ng	97
32) Benzoic acid	7.90	122	23681	3.723	ng	86
33) 4-Chloroaniline	8.25	127	146487	10.556	ng	98
34) Hexachlorobutadiene	8.32	225	294967	41.978	ng	99
35) Caprolactam	8.65	113	46074	13.142	ng	88
36) 4-Chloro-3-methylphenol	8.75	107	504325	49.589	ng	97
37) 2-Methylnaphthalene	8.89	142	1083625	51.878	ng	99
38) 1-Methylnaphthalene	8.99	142	1013508	50.521	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	516306	43.269	ng	# 97

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 ALS Vial : 13 Sample Multiplier: 1

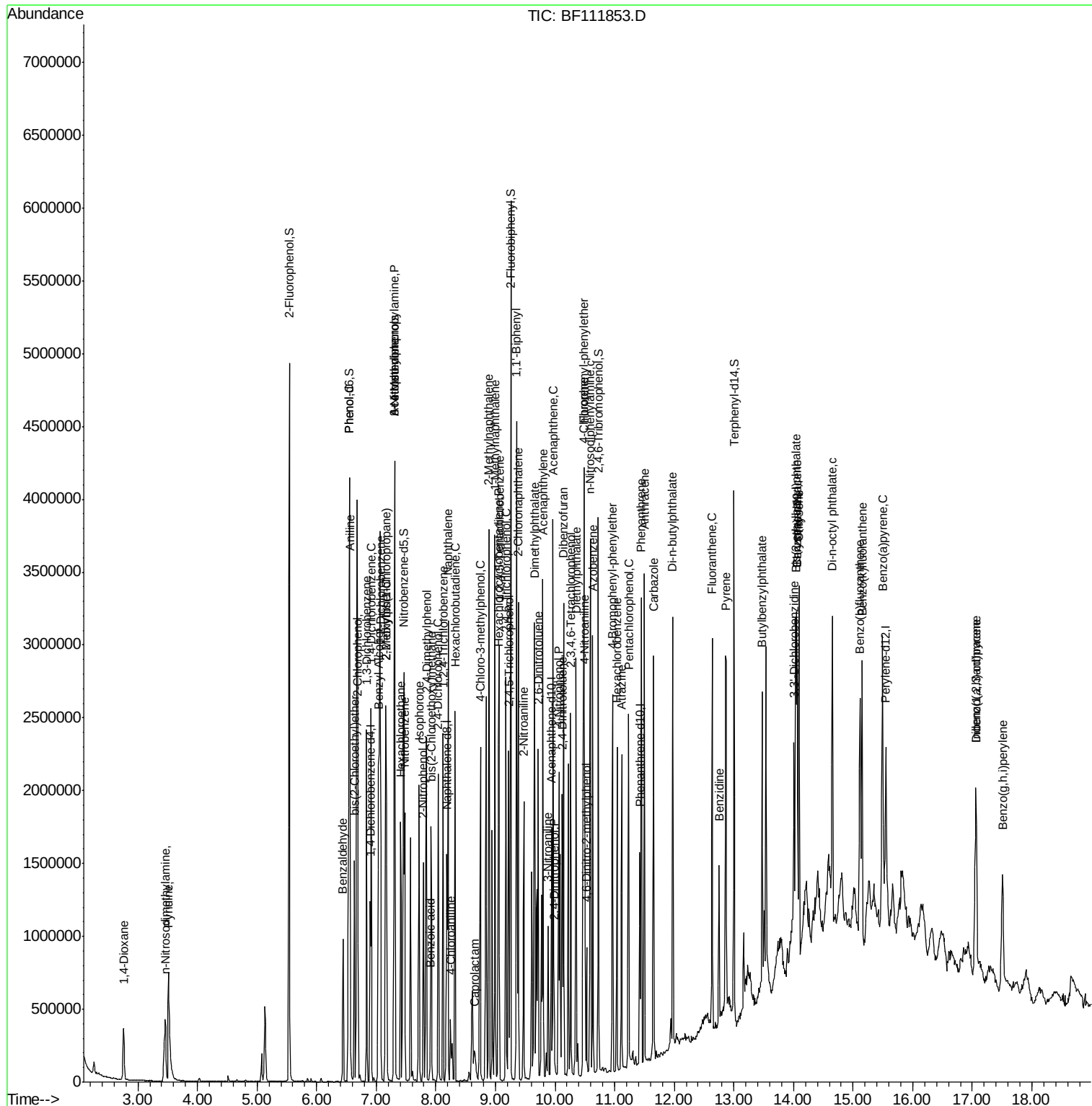
Instrument :
 BNA_G
 ClientSampleId :

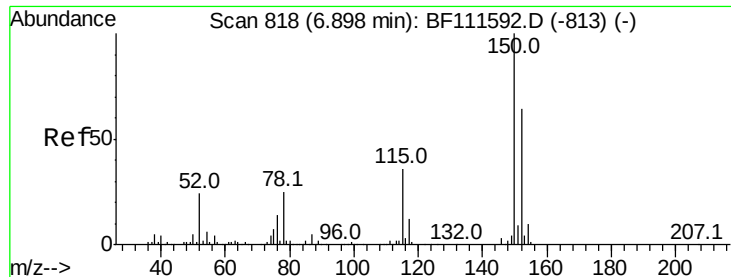
Quant Time: Jan 04 23:30:59 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	281189	48.561	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	352613	44.260	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	364800	44.634	ng	# 90
46) 1,1'-Biphenyl	9.36	154	1287215	41.992	ng	96
47) 2-Chloronaphthalene	9.38	162	1015876	41.828	ng	95
48) 2-Nitroaniline	9.47	65	318998	50.488	ng	98
49) Acenaphthylene	9.80	152	1535661	43.306	ng	96
50) Dimethylphthalate	9.66	163	1398143	52.651	ng	99
51) 2,6-Dinitrotoluene	9.72	165	268759	50.757	ng	94
52) Acenaphthene	9.97	154	915508	41.860	ng	98
53) 3-Nitroaniline	9.89	138	162519	28.779	ng	91
54) 2,4-Dinitrophenol	9.99	184	63191	41.097	ng	96
55) Dibenzofuran	10.15	168	1355169	41.014	ng	94
56) 4-Nitrophenol	10.06	139	343978	79.816	ng	93
57) 2,4-Dinitrotoluene	10.12	165	333778	52.449	ng	93
58) Fluorene	10.49	166	1019470	42.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	289923	42.151	ng	89
60) Diethylphthalate	10.35	149	1139703	43.753	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	523290	39.780	ng	92
62) 4-Nitroaniline	10.50	138	234264	42.682	ng	91
63) Azobenzene	10.63	77	976417	37.338	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	103307	45.785	ng	85
66) n-Nitrosodiphenylamine	10.59	169	899241	48.684	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	305878	44.818	ng	94
68) Hexachlorobenzene	11.04	284	310073	40.747	ng	# 93
69) Atrazine	11.12	200	277298	43.214	ng	97
70) Pentachlorophenol	11.23	266	298497	63.450	ng	94
71) Phenanthrene	11.45	178	1290320	44.216	ng	95
72) Anthracene	11.50	178	1320821	45.093	ng	95
73) Carbazole	11.65	167	1080969	38.012	ng	95
74) Di-n-butylphthalate	11.97	149	1432603	44.931	ng	97
75) Fluoranthene	12.63	202	1150359	38.928	ng	97
77) Benzidine	12.75	184	421820	31.563	ng	96
78) Pyrene	12.87	202	1090928	43.497	ng	96
80) Butylbenzylphthalate	13.47	149	400606	39.185	ng	90
81) Benzo(a)anthracene	14.05	228	947093	46.726	ng	98
82) 3,3'-Dichlorobenzidine	14.01	252	250943	31.335	ng	97
83) Chrysene	14.09	228	872796	43.812	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	569871	44.253	ng	# 99
85) Di-n-octyl phthalate	14.65	149	1008425	50.542	ng	96
86) Indeno(1,2,3-cd)pyrene	17.06	276	797337	47.082	ng	# 88
88) Benzo(b)fluoranthene	15.12	252	920917	38.754	ng	98
89) Benzo(k)fluoranthene	15.15	252	821513	36.313	ng	98
90) Benzo(a)pyrene	15.49	252	960290	44.481	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	676944	35.808	ng	# 93
92) Benzo(g,h,i)perylene	17.51	276	637117	34.514	ng	# 86

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

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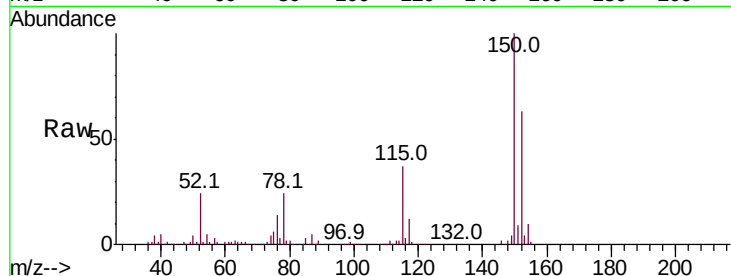


#1

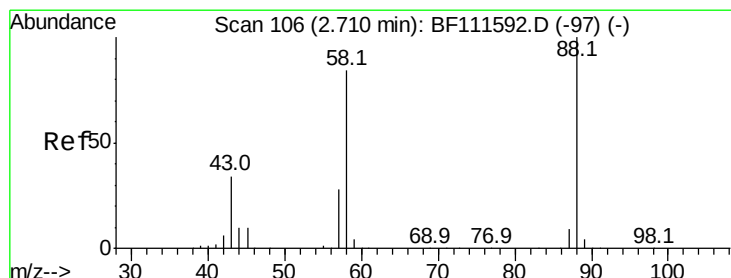
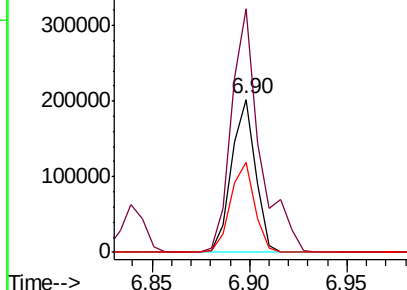
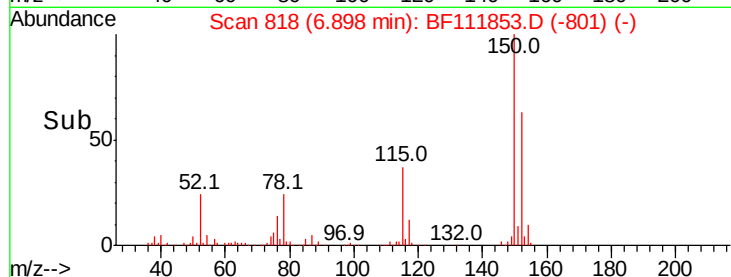
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 172524
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 58.5 50.7 76.1



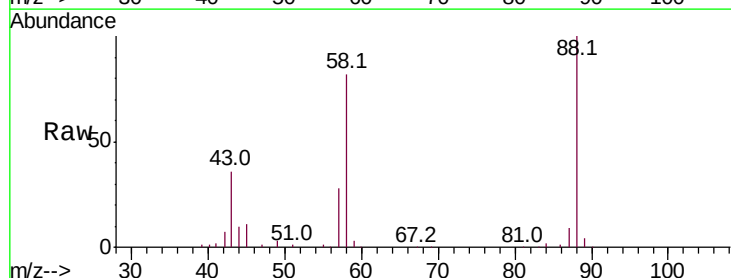
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



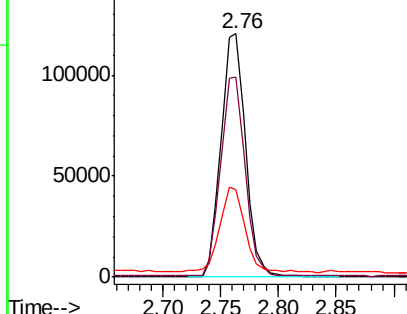
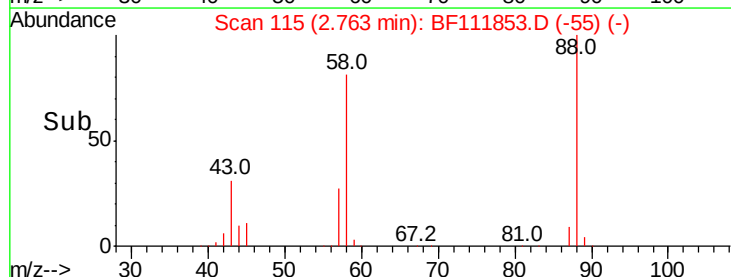
#2

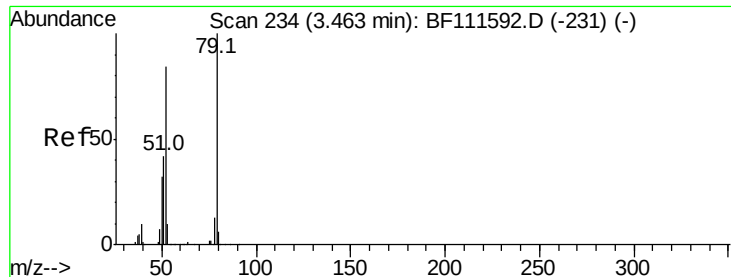
1,4-Dioxane
Concen: 37.395 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.05 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion: 88 Resp: 178075
Ion Ratio Lower Upper
88 100
58 81.0 68.9 103.3
43 34.4 25.8 38.6



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: 39.574 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.05 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

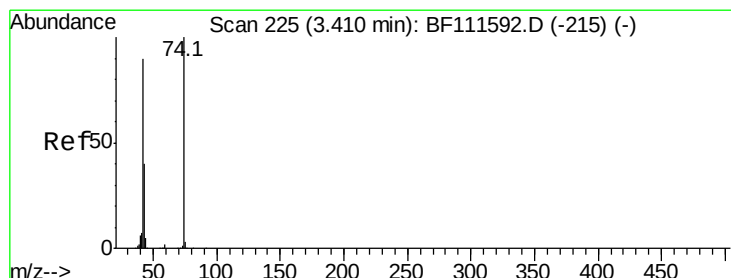
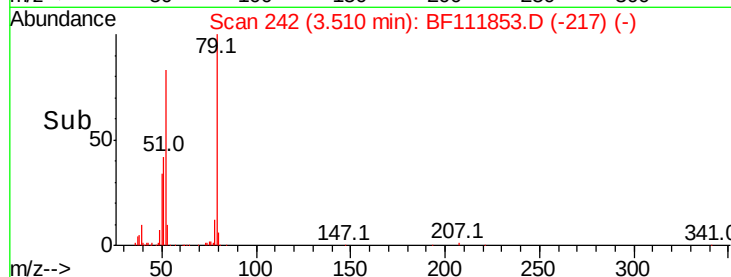
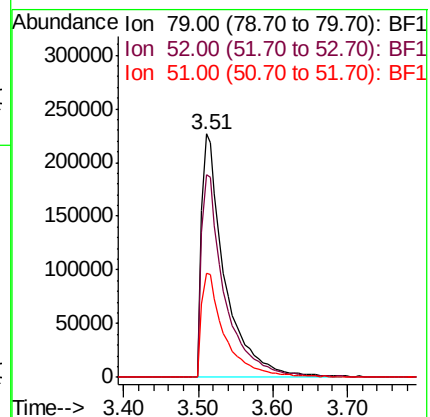
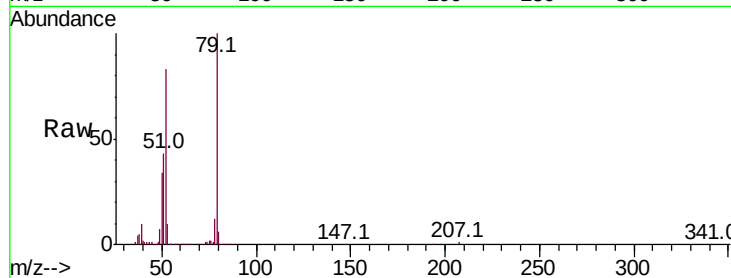
Tot Ion: 79 Resp: 490976

Ion Ratio Lower Upper

79 100

52 83.5 68.3 102.5

51 42.6 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 47.439 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.05 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

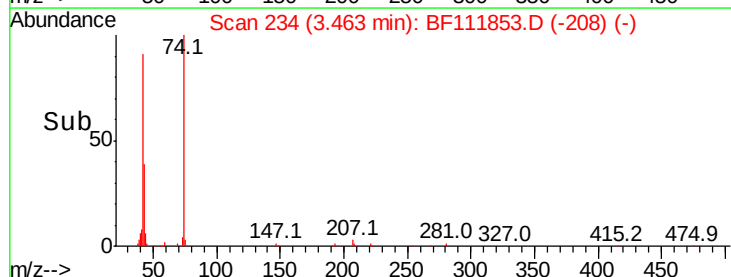
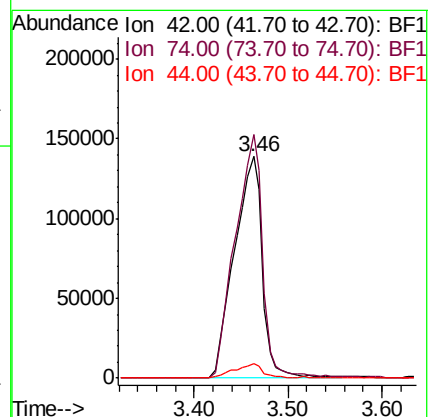
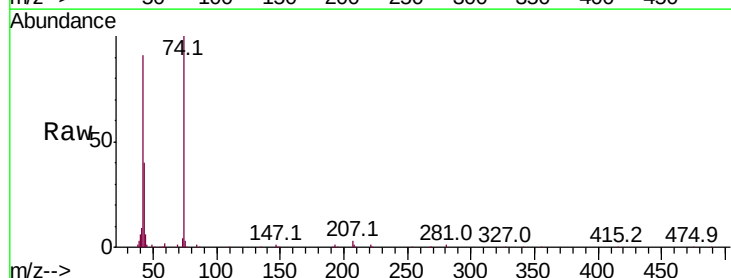
Tgt Ion: 42 Resp: 288036

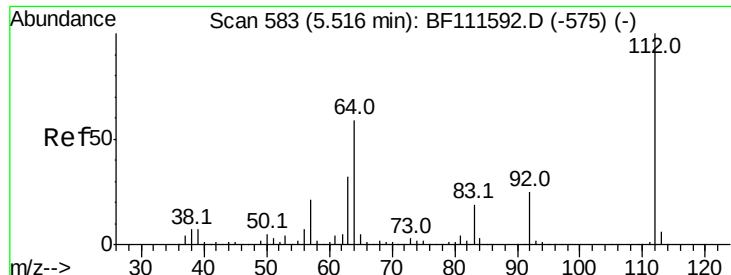
Ion Ratio Lower Upper

42 100

74 109.9 101.5 152.3

44 6.7 6.0 9.0





#5

2-Fluorophenol

Concen: 146.932 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampled :

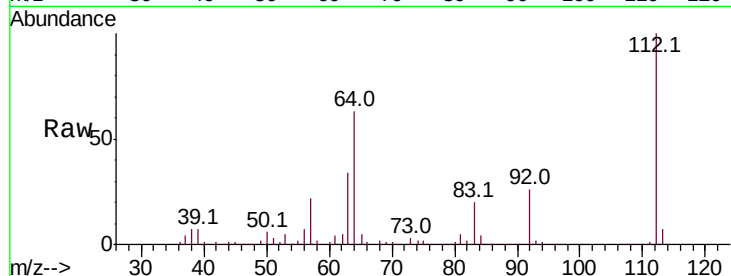
Tot Ion:112 Resp: 1487172

Ion Ratio Lower Upper

112 100

64 63.4 51.8 77.6

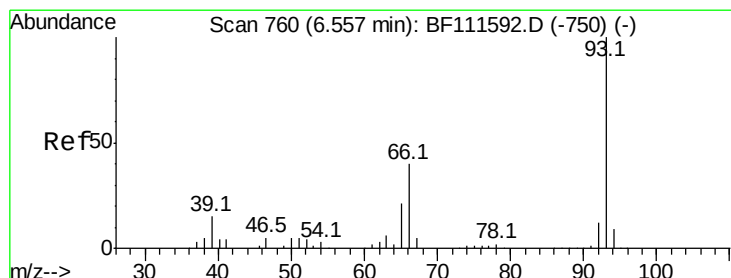
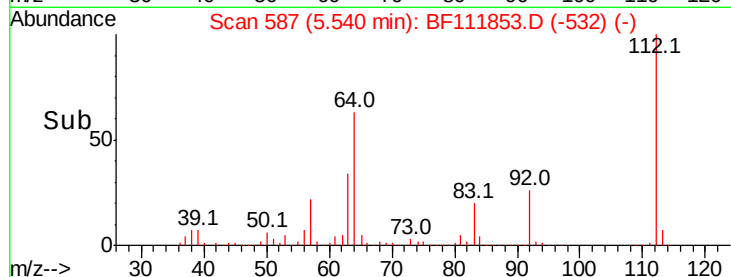
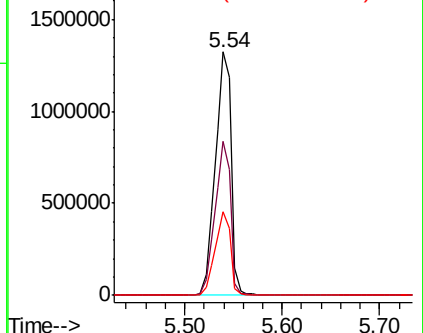
63 34.4 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.466 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

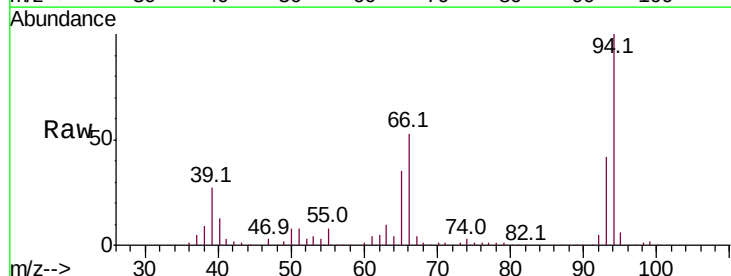
Tgt Ion: 93 Resp: 336038

Ion Ratio Lower Upper

93 100

66 128.8 33.2 49.8#

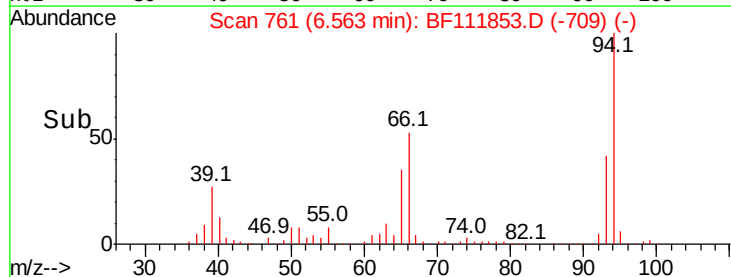
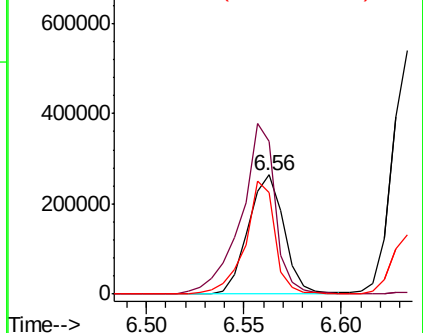
65 85.3 17.0 25.4#

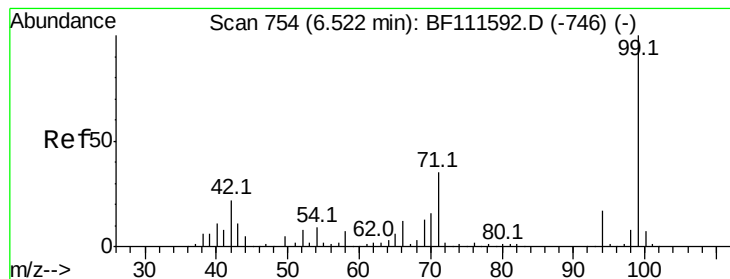


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.737 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

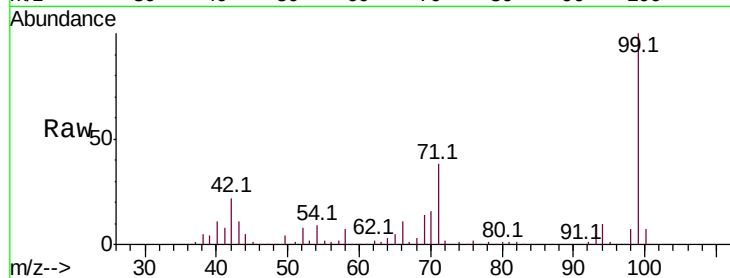
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1555231

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.4	26.0
71	38.3	26.1	39.1

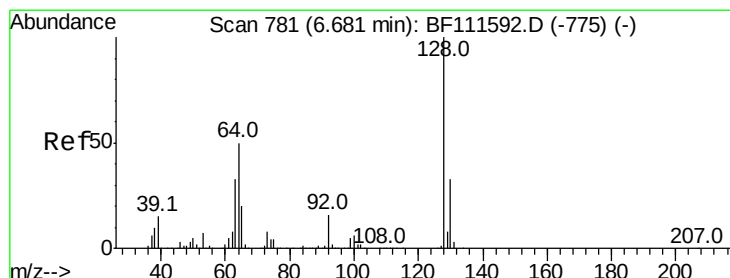
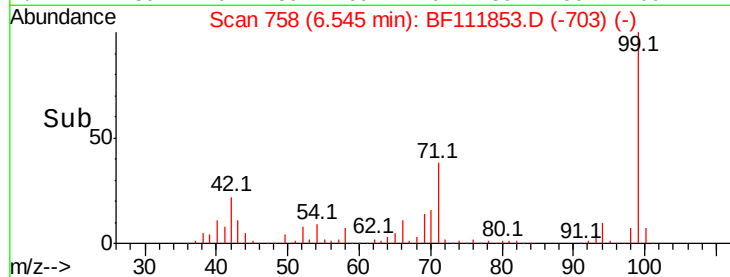


Abundance

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: 42.495 ng

RT: 6.69 min Scan# 783

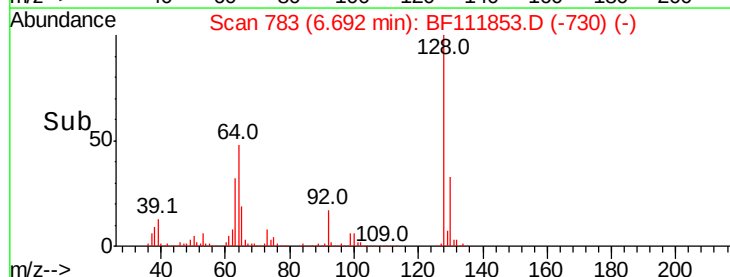
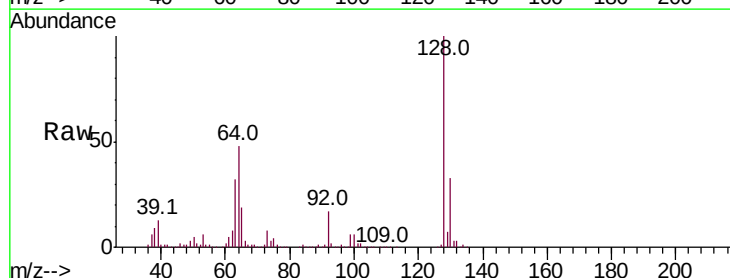
Delta R.T. 0.01 min

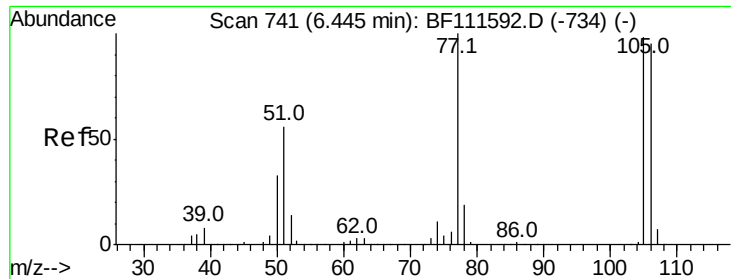
Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Tgt Ion:128 Resp: 476460

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	48.0	30.0	70.0





#9

Benzaldehyde

Concen: 21.627 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

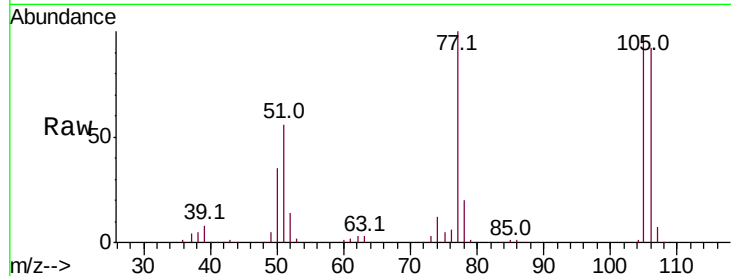
Tot Ion: 77 Resp: 191596

Ion Ratio Lower Upper

77 100

105 98.4 81.4 121.4

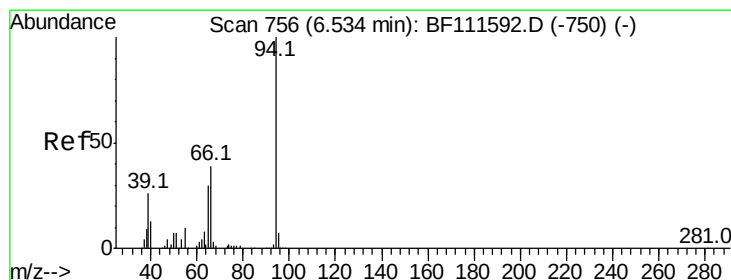
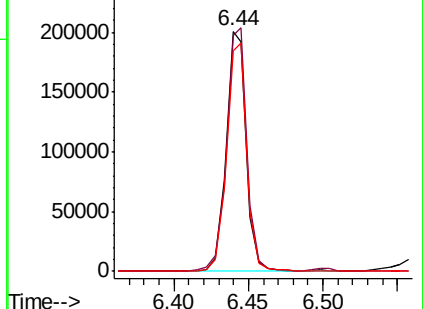
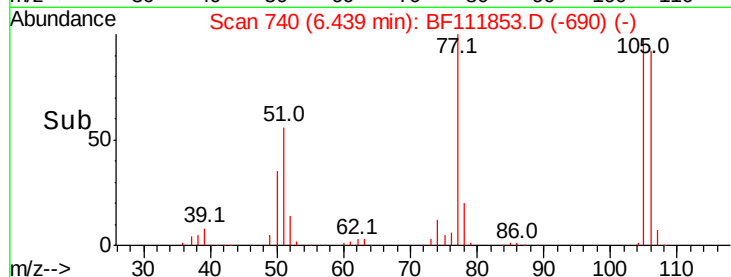
106 91.9 77.9 117.9



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: 43.331 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

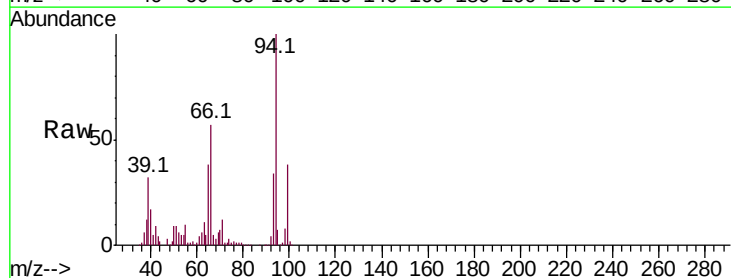
Tgt Ion: 94 Resp: 629760

Ion Ratio Lower Upper

94 100

65 37.9 11.7 51.7

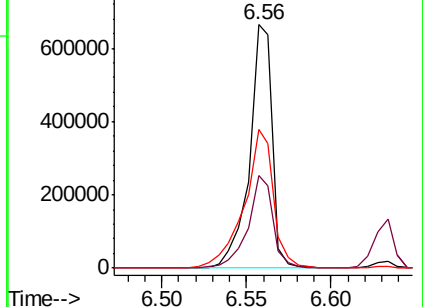
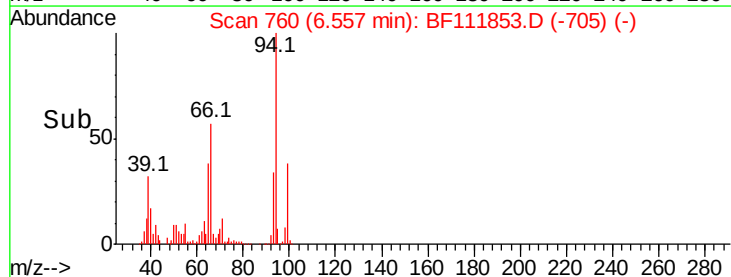
66 57.0 21.0 61.0

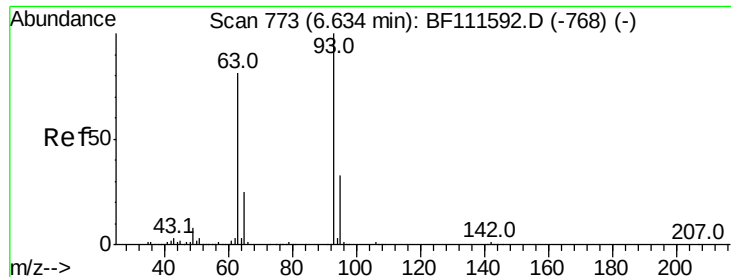


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

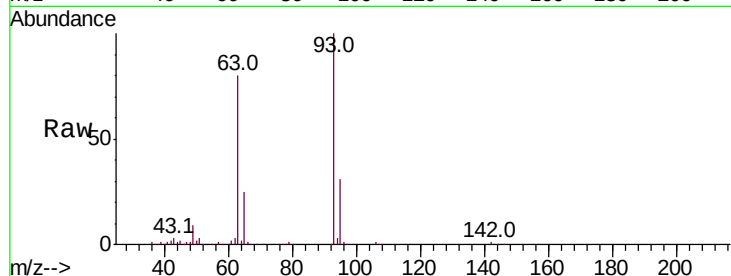




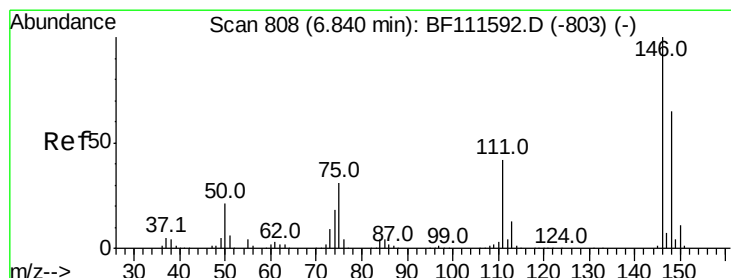
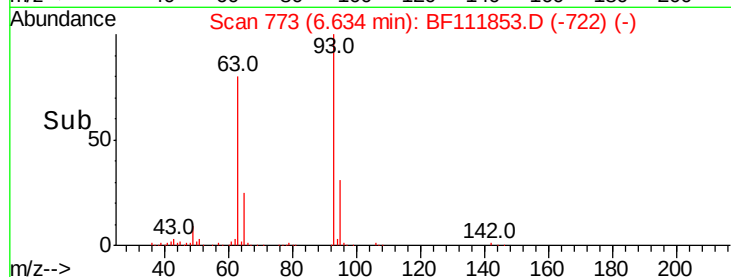
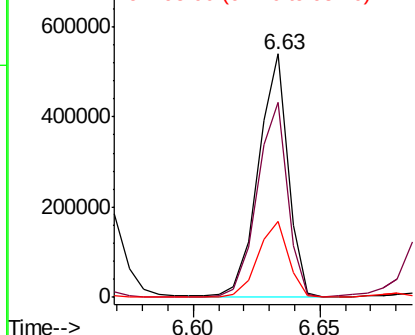
#11
bis(2-Chloroethyl)ether
Concen: 40.872 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 445135
Ion Ratio Lower Upper
93 100
63 80.1 60.0 100.0
95 31.4 13.4 53.4

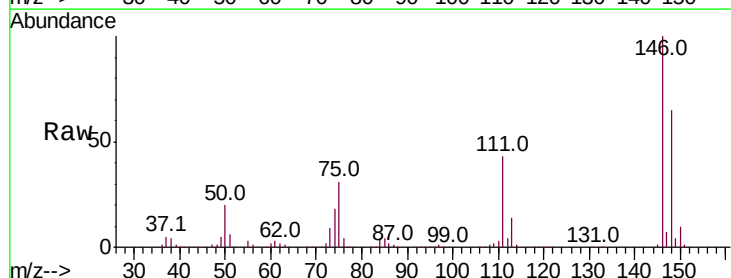


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

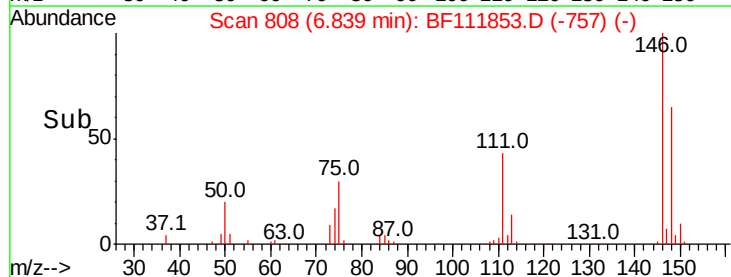
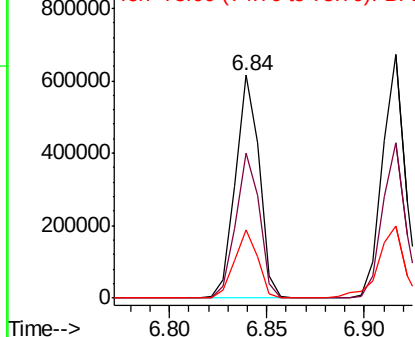


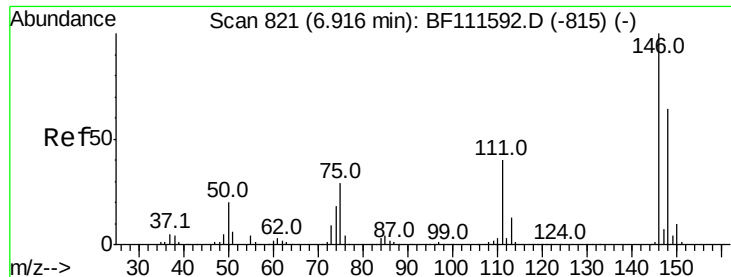
#12
1,3-Dichlorobenzene
Concen: 40.005 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion: 146 Resp: 519811
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 30.6 23.9 35.9



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

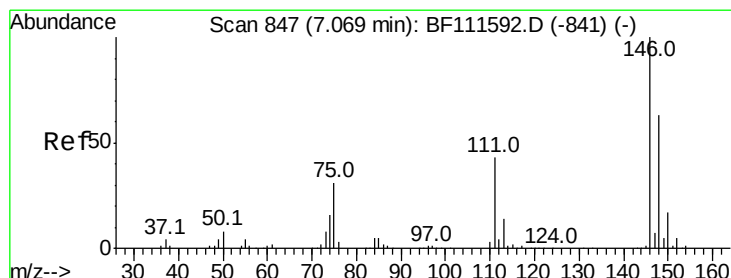
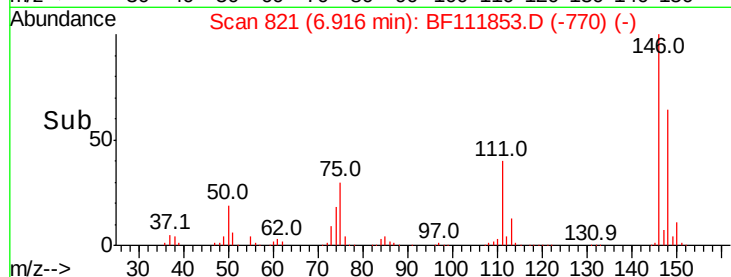
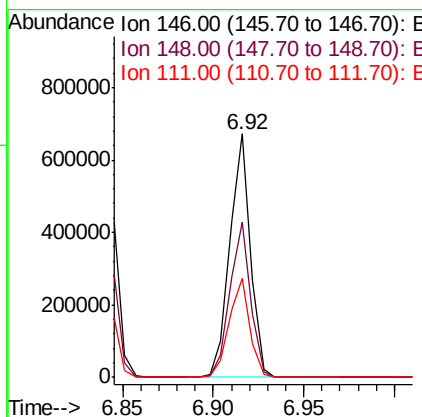
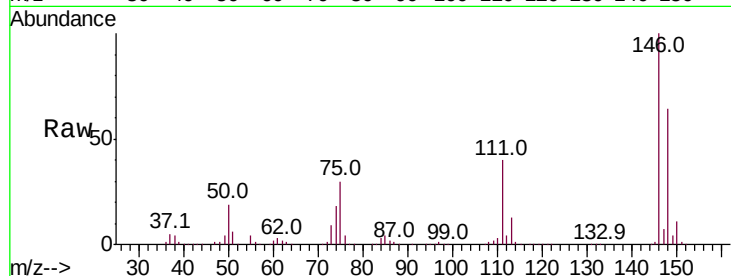




#13
 1,4-Dichlorobenzene
 Concen: 40.448 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

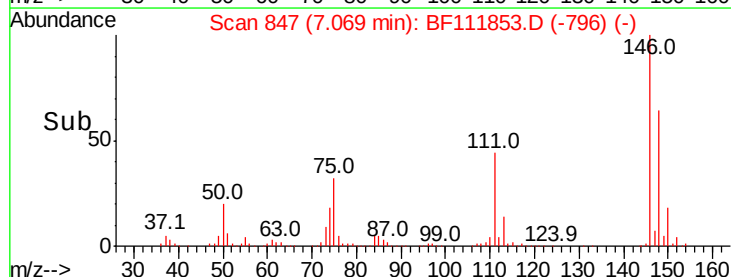
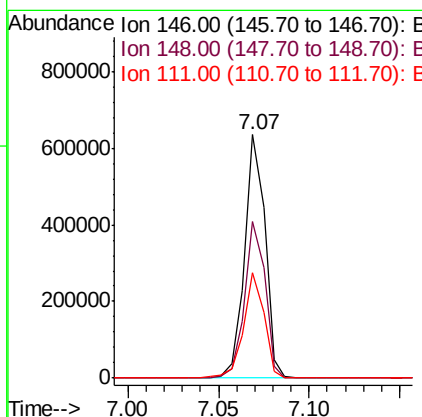
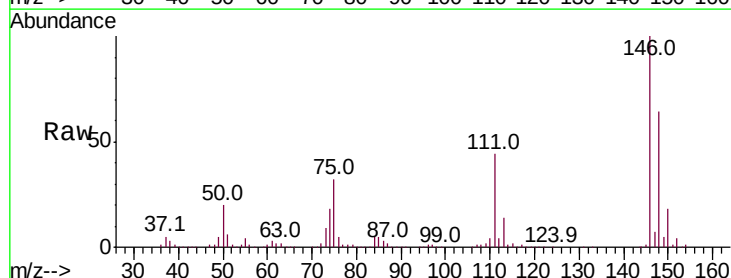
Instrument :
 BNA_G
 ClientSampled :

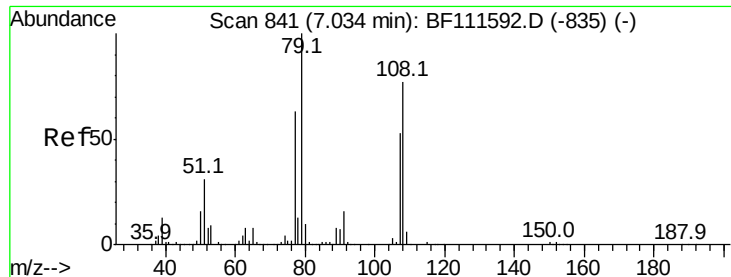
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
111	40.4	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 40.428 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	43.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.060 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

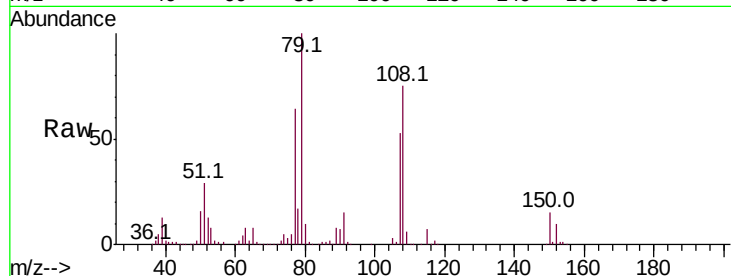
Tot Ion: 79 Resp: 430281

Ion Ratio Lower Upper

79 100

108 75.3 69.4 104.2

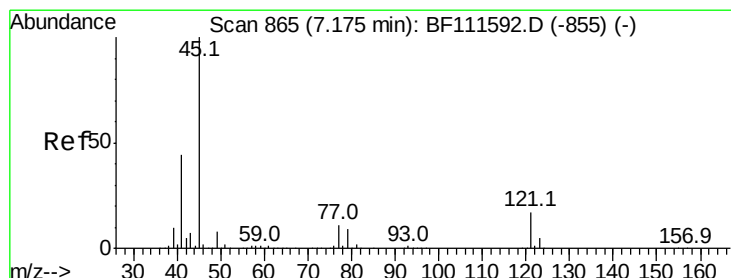
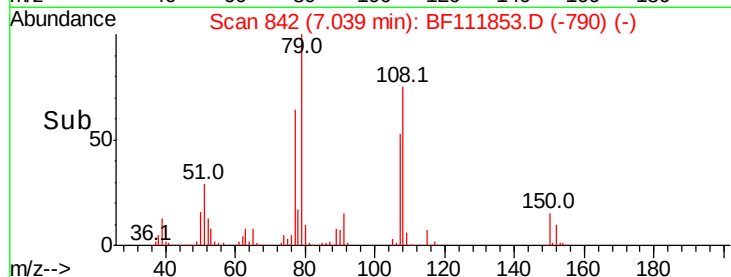
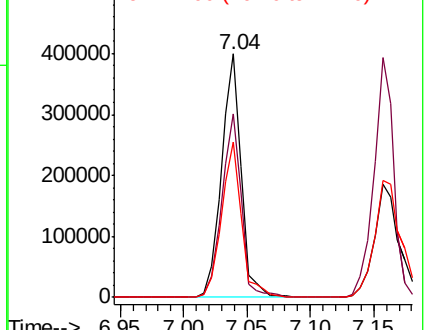
77 63.7 49.7 74.5



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: 35.904 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

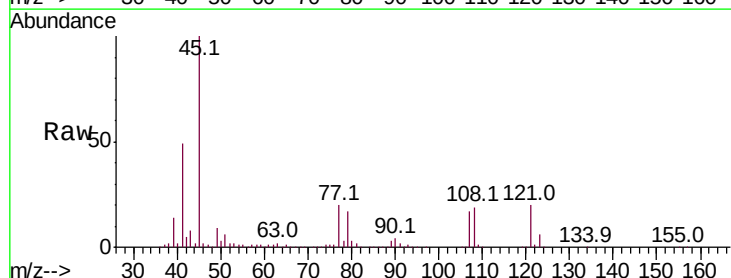
Tgt Ion: 45 Resp: 720183

Ion Ratio Lower Upper

45 100

77 19.6 0.0 31.5

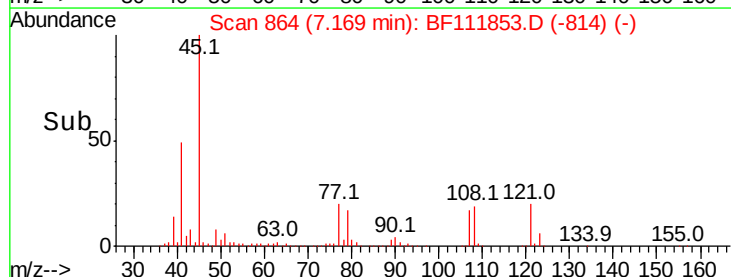
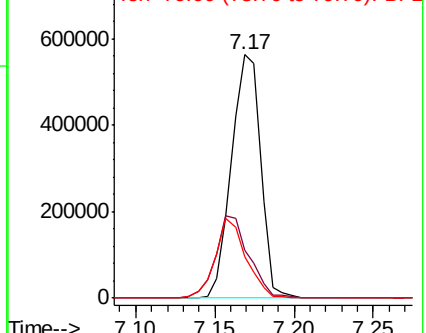
79 16.8 0.0 28.9

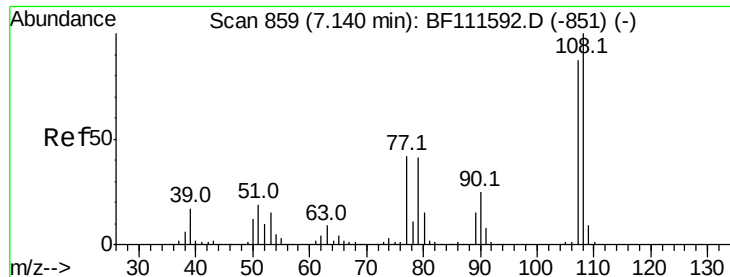


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

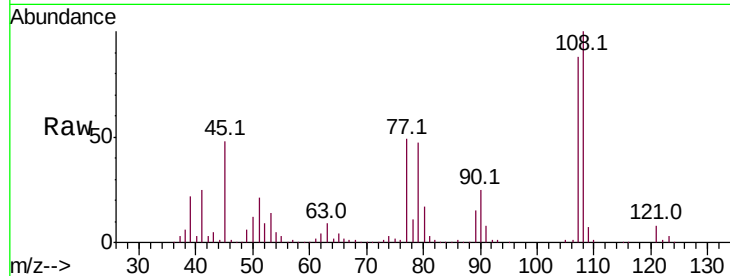




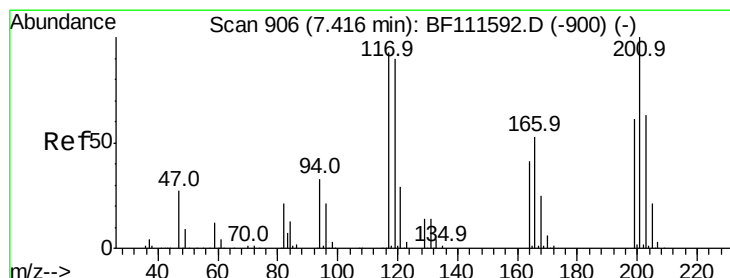
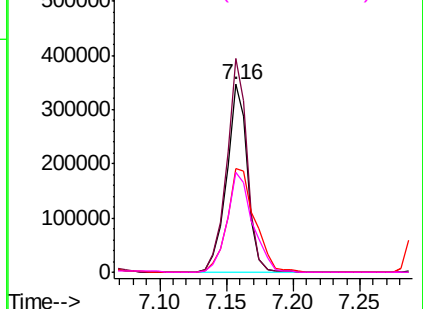
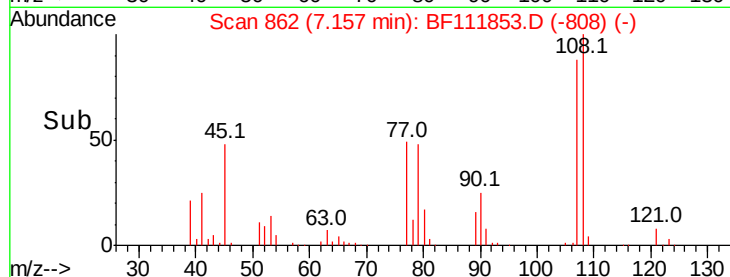
#17
2-Methylphenol
Concen: 42.661 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 383004
Ion Ratio Lower Upper
107 100
108 113.7 91.0 136.4
77 55.2 33.5 50.3#
79 53.5 33.3 49.9#

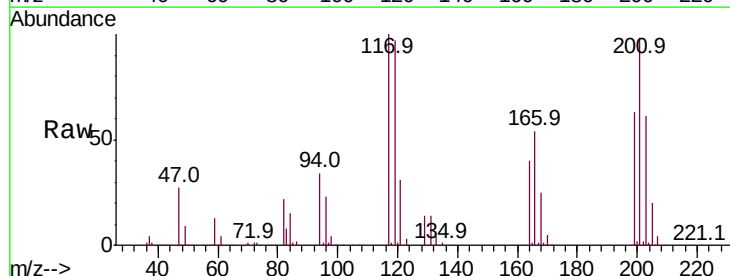


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

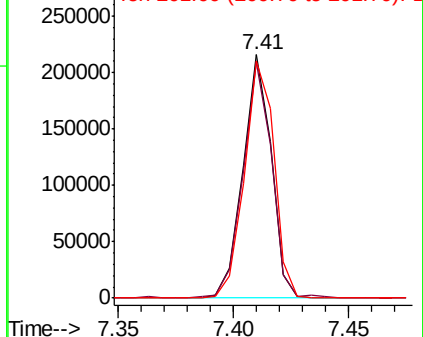
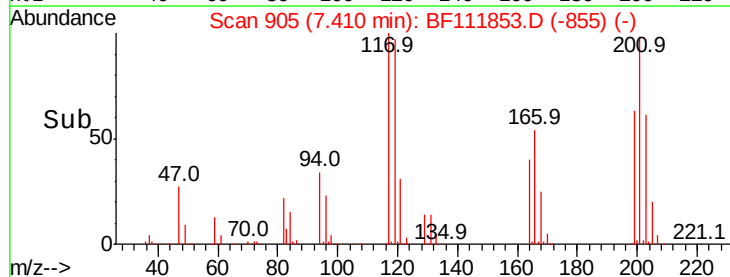


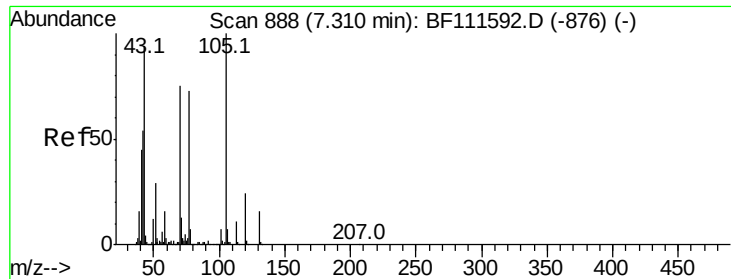
#18
Hexachloroethane
Concen: 41.637 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:117 Resp: 184892
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0
201 97.6 62.4 93.6#



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

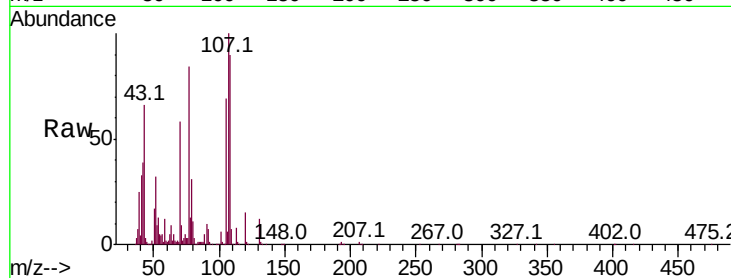




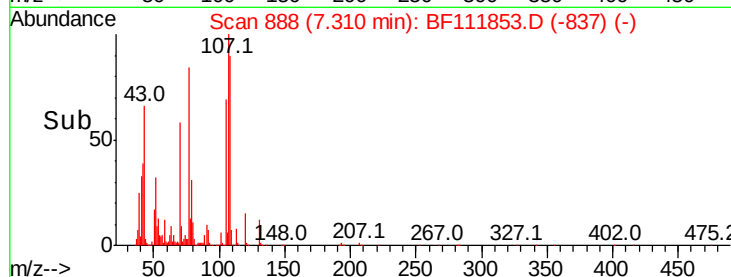
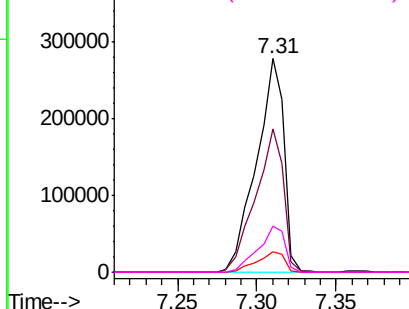
#19
n-Nitroso-di-n-propylamine
Concen: 39.596 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 338730
Ion Ratio Lower Upper
70 100
42 67.3 53.2 79.8
101 9.7 8.2 12.4
130 21.3 18.1 27.1



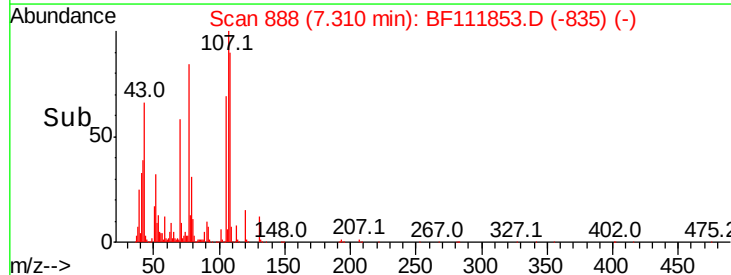
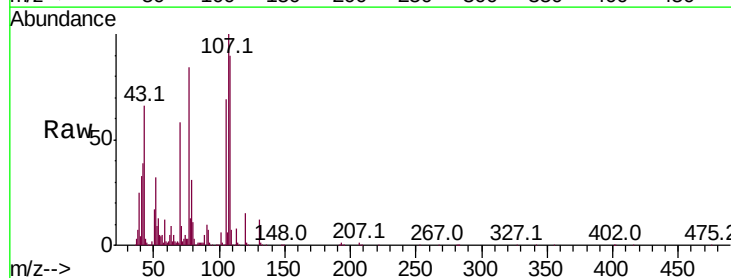
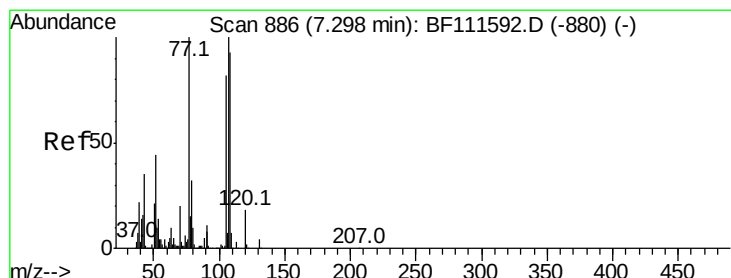
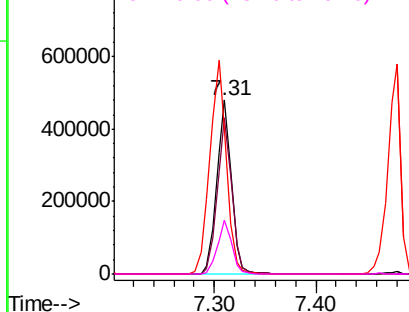
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

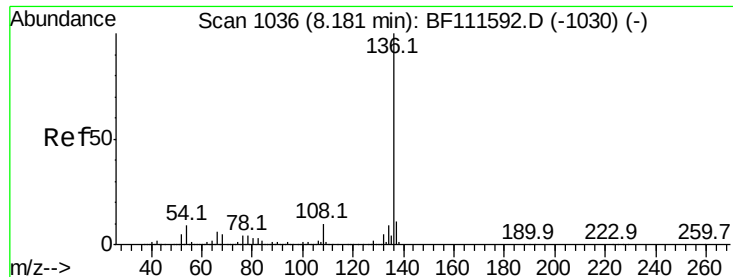


#20
3+4-Methylphenols
Concen: 42.394 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:107 Resp: 480921
Ion Ratio Lower Upper
107 100
108 89.7 72.1 112.1
77 84.4 94.1 134.1#
79 31.3 9.8 49.8

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 668189

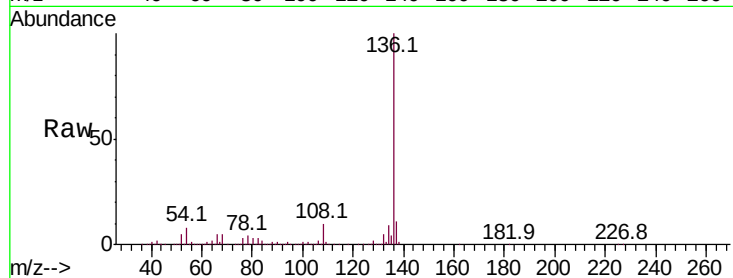
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.1 7.7 11.5

68 5.0 4.9 7.3



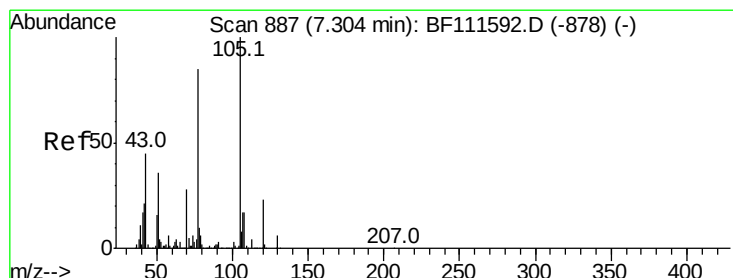
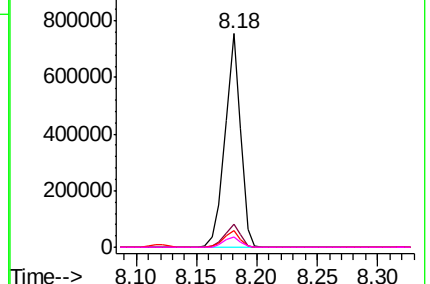
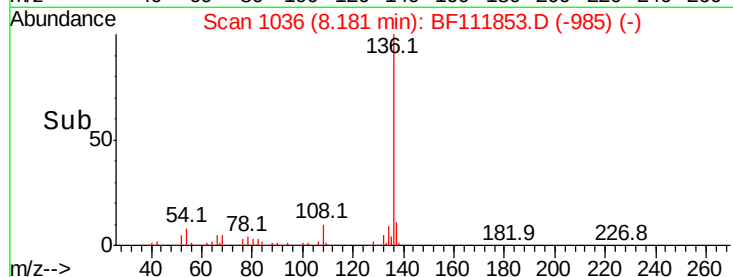
Abundance

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: 38.310 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Tgt Ion:105 Resp: 648512

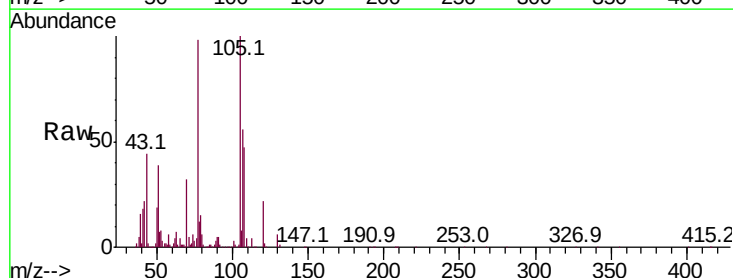
Ion Ratio Lower Upper

105 100

71 5.4 3.1 4.7#

51 38.7 36.6 54.8

120 22.3 18.2 27.4



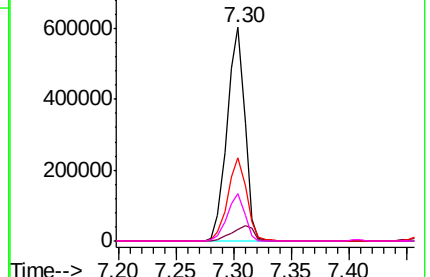
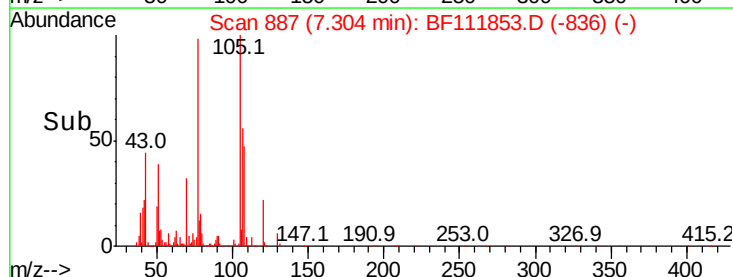
Abundance

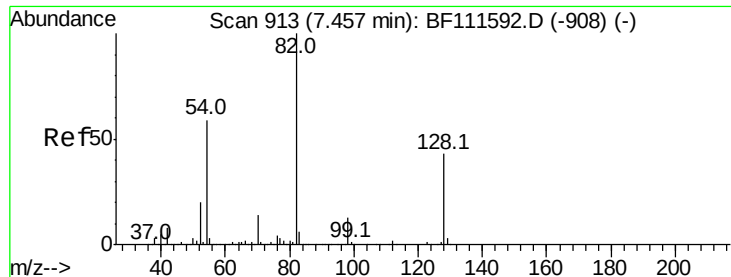
Ion 105.00 (104.70 to 105.70): E

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

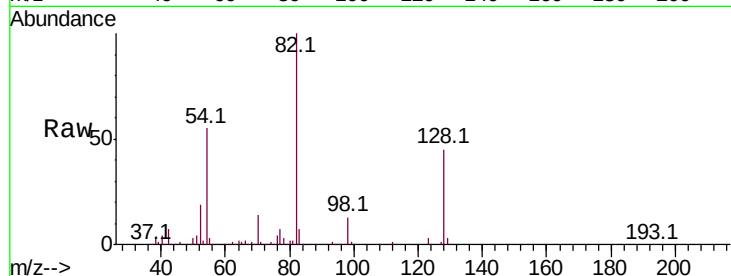




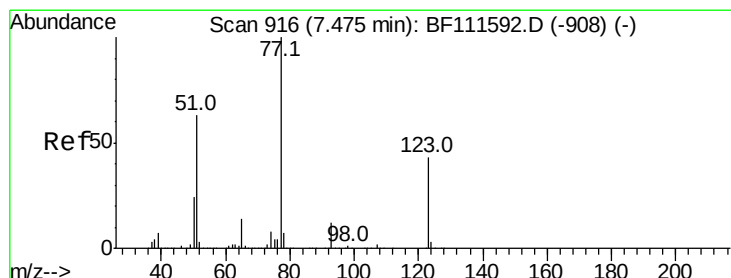
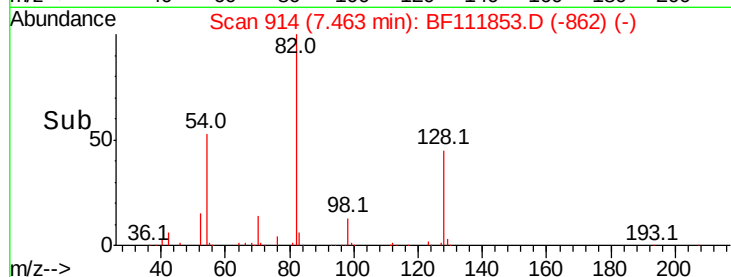
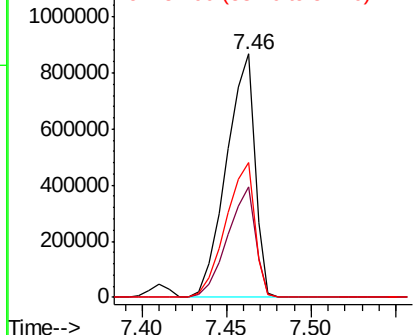
#23
Nitrobenzene-d5
Concen: 88.356 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 1014278
Ion Ratio Lower Upper
82 100
128 45.2 37.4 56.2
54 55.2 47.6 71.4

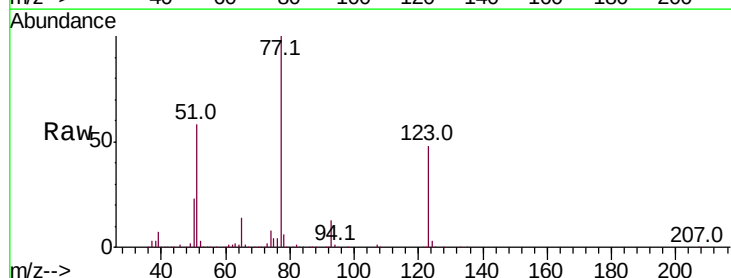


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

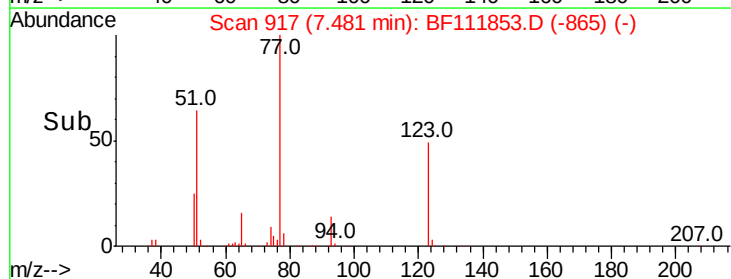
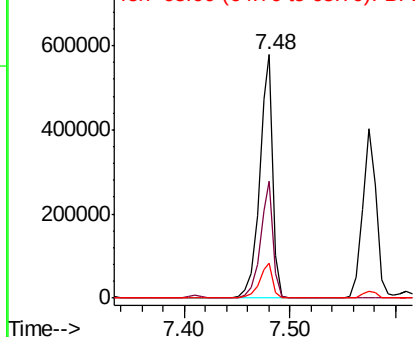


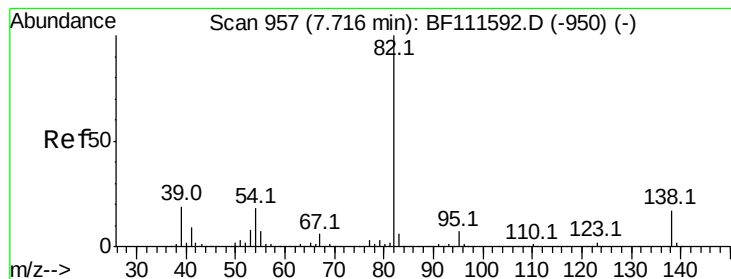
#24
Nitrobenzene
Concen: 42.424 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion: 77 Resp: 510425
Ion Ratio Lower Upper
77 100
123 48.2 37.2 55.8
65 14.3 11.5 17.3



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: 44.342 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

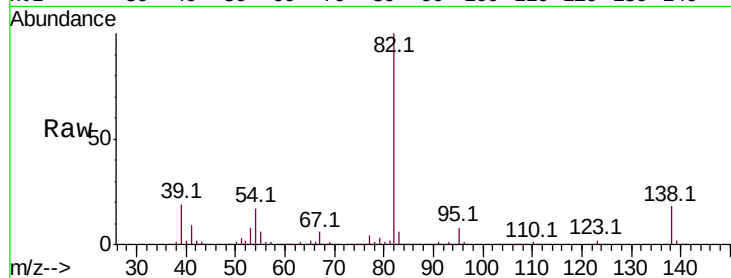
Tot Ion: 82 Resp: 903662

Ion Ratio Lower Upper

82 100

95 7.9 5.4 8.2

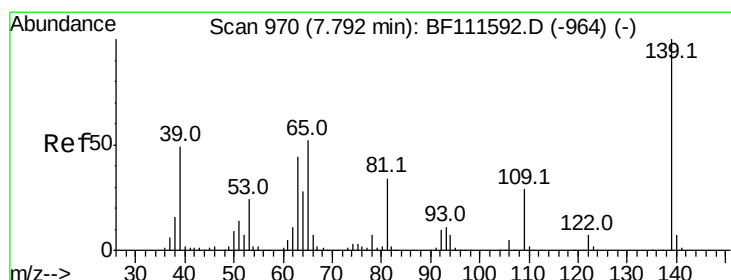
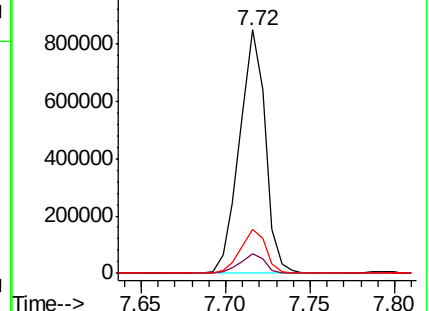
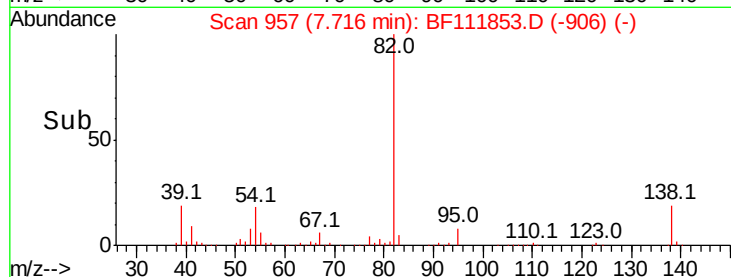
138 17.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.606 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

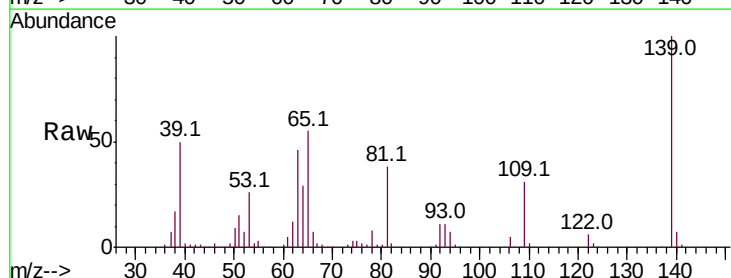
Tgt Ion: 139 Resp: 256692

Ion Ratio Lower Upper

139 100

109 30.7 20.2 30.4#

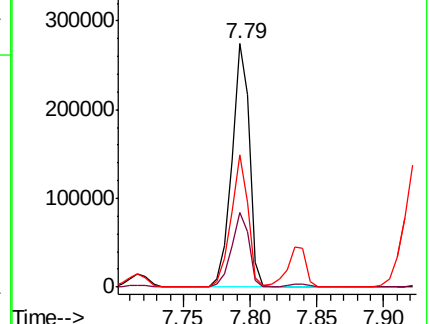
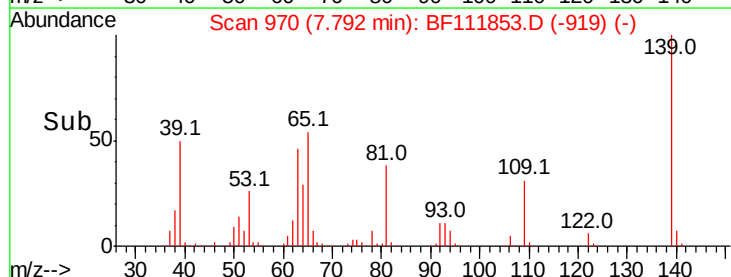
65 54.5 40.7 61.1

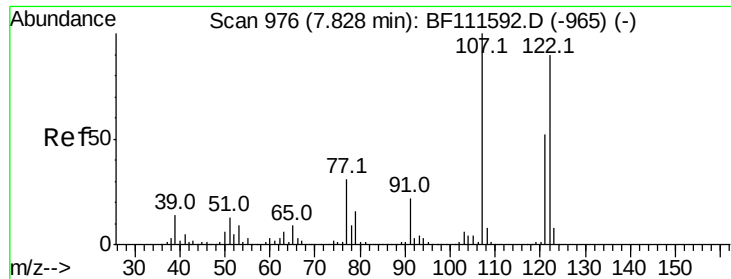


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

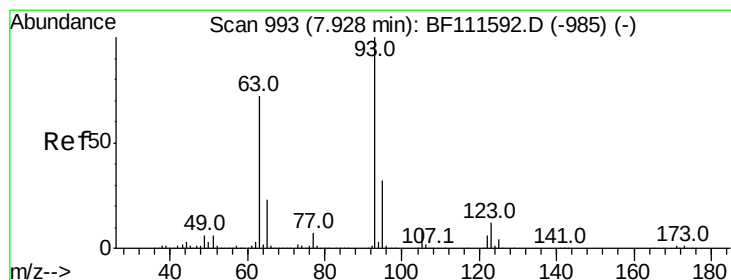
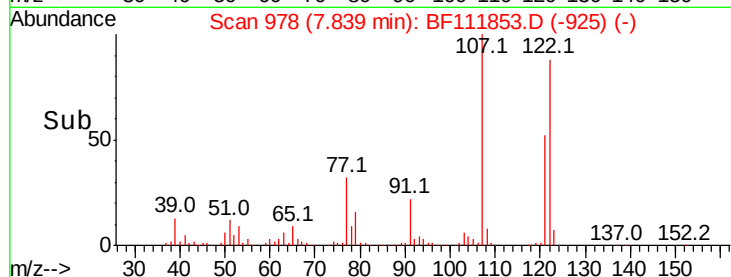
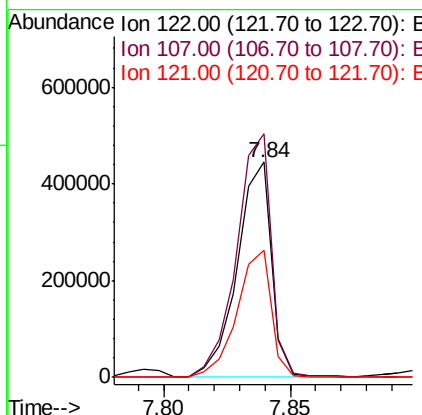
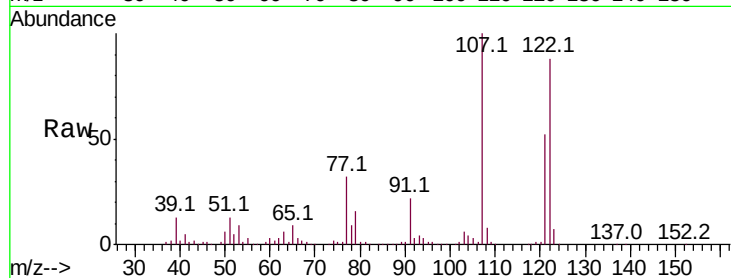




#27
 2,4-Dimethylphenol
 Concen: 43.388 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

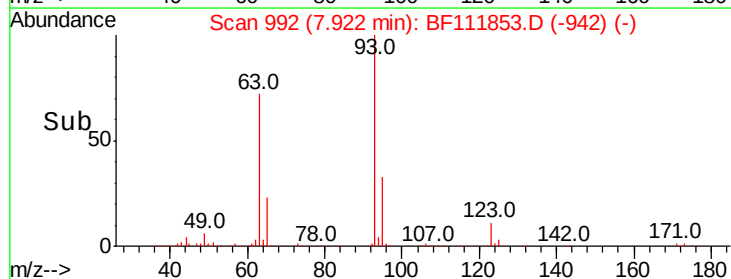
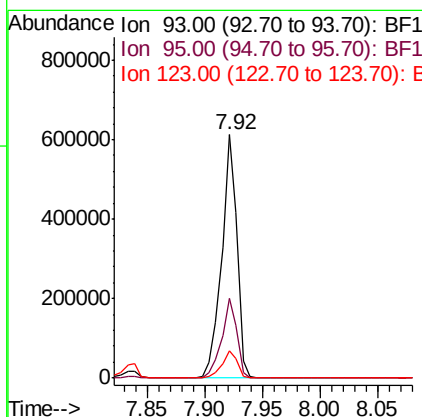
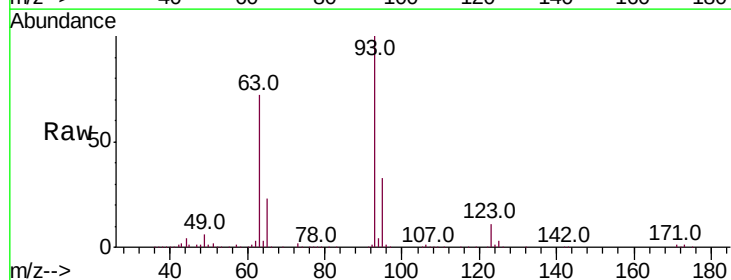
Instrument :
 BNA_G
 ClientSampleId :

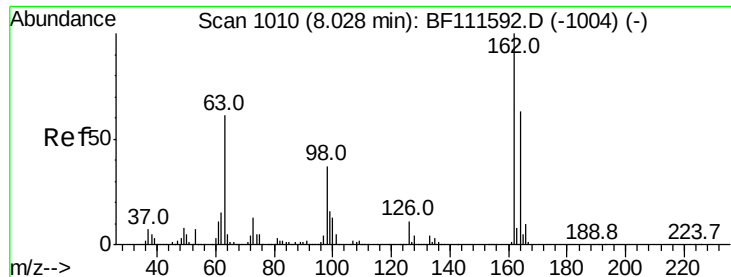
Tot Ion:122 Resp: 417343
 Ion Ratio Lower Upper
 122 100
 107 113.3 85.5 128.3
 121 59.5 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.600 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion: 93 Resp: 564146
 Ion Ratio Lower Upper
 93 100
 95 32.6 27.1 40.7
 123 11.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.751 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampled :

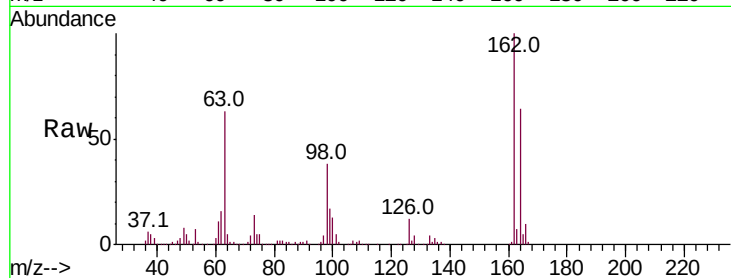
Tot Ion:162 Resp: 421618

Ion Ratio Lower Upper

162 100

164 63.6 44.4 84.4

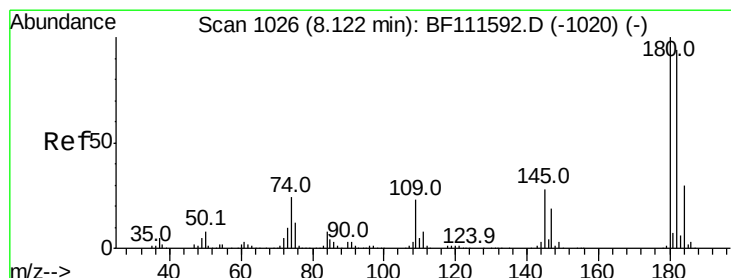
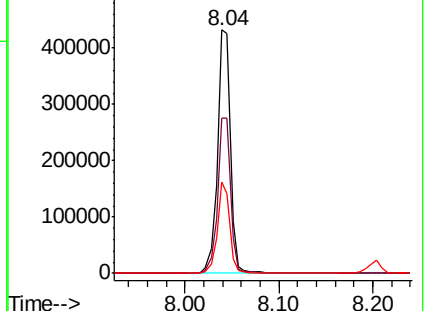
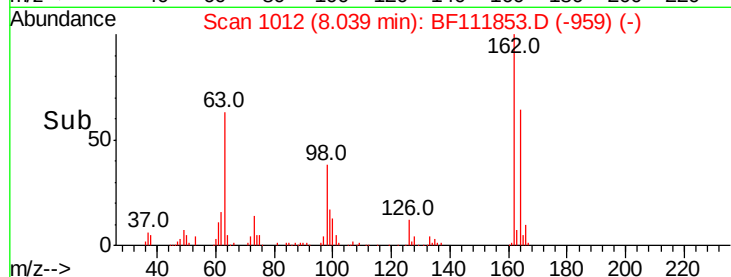
98 37.5 20.3 60.3



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: 38.829 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

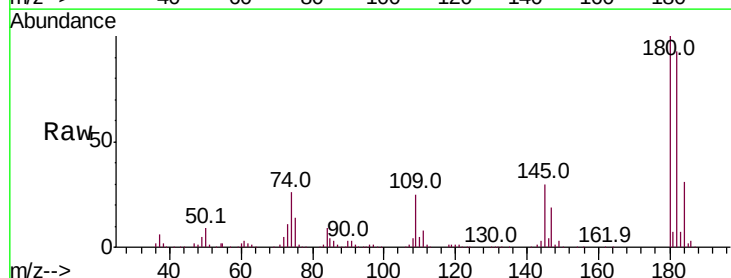
Tgt Ion:180 Resp: 447661

Ion Ratio Lower Upper

180 100

182 92.5 75.6 113.4

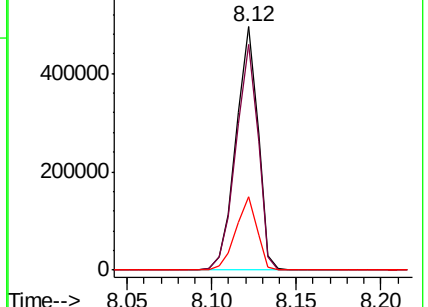
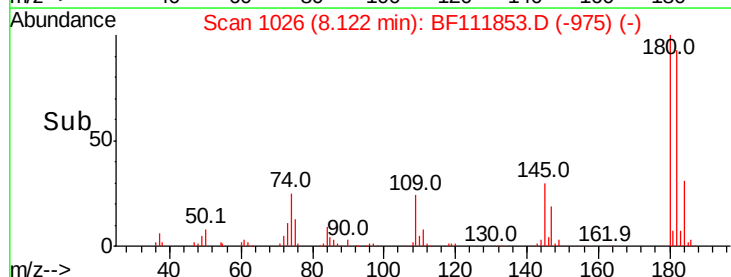
145 30.1 26.7 40.1

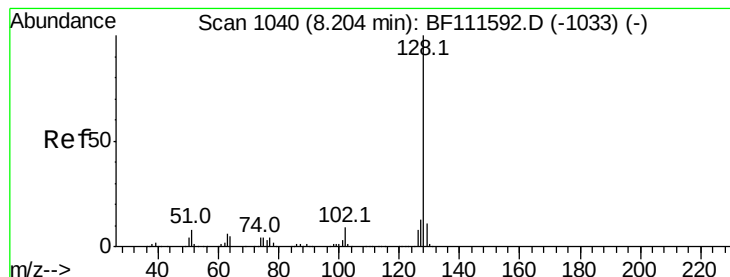


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.782 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

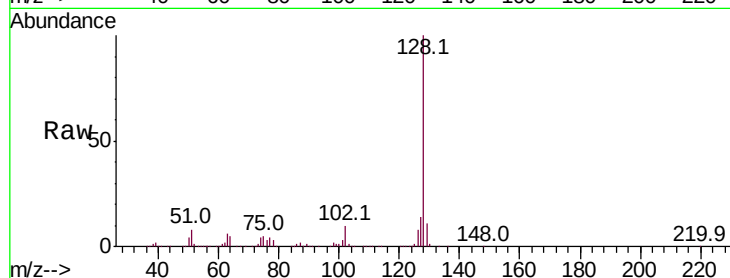
Tot Ion:128 Resp: 1405654

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

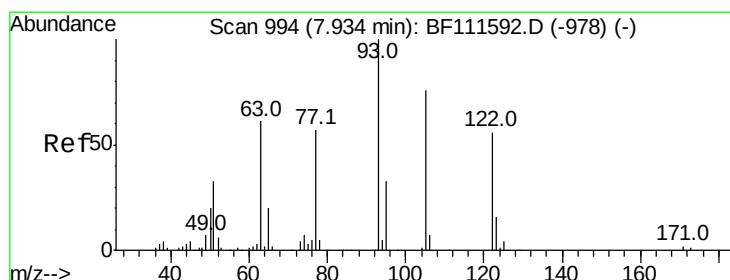
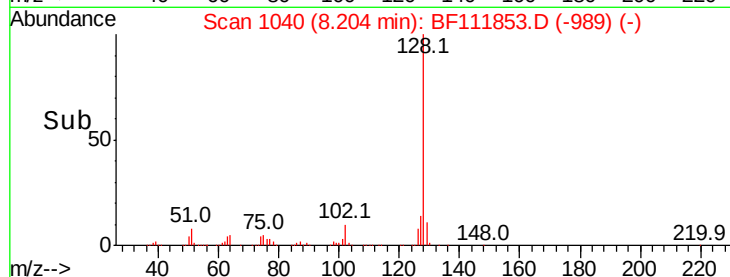
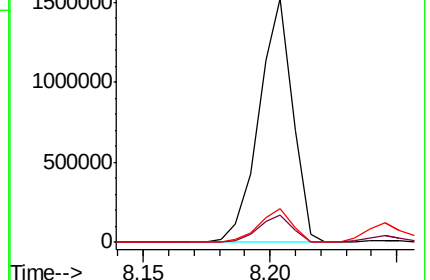
127 13.8 12.0 18.0



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: 3.723 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.03 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

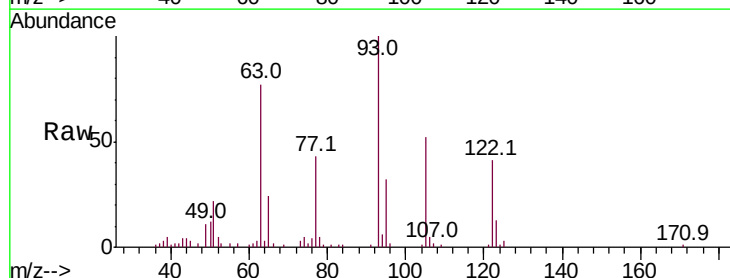
Tgt Ion:122 Resp: 23681

Ion Ratio Lower Upper

122 100

105 127.3 97.0 137.0

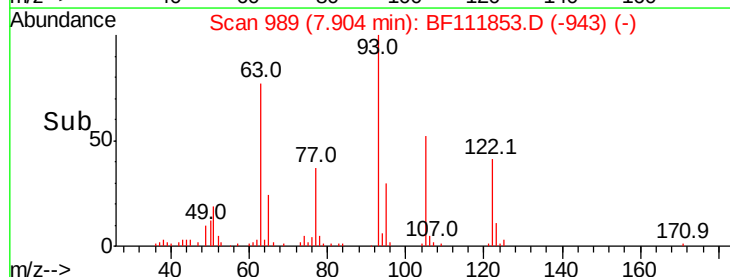
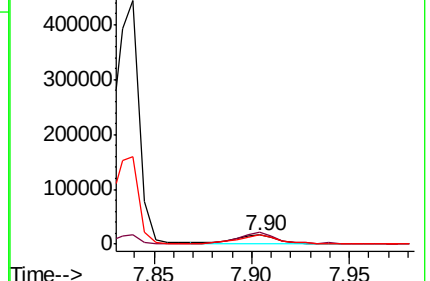
77 104.4 65.7 105.7

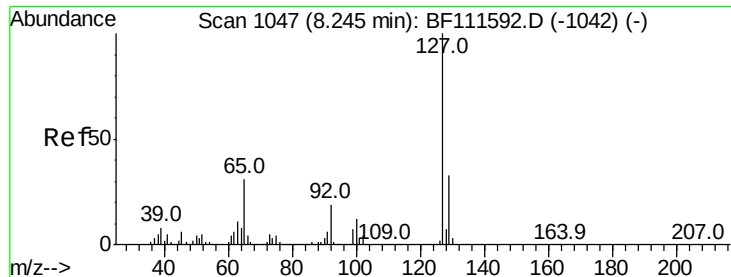


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

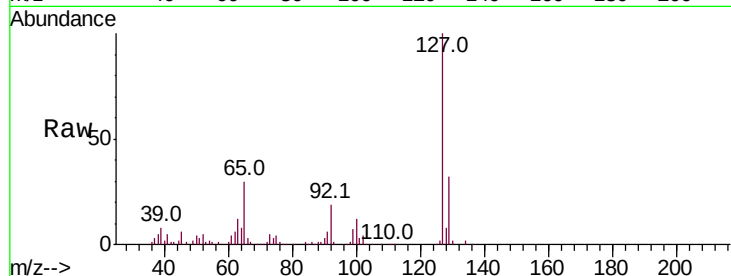




#33
4-Chloroaniline
Concen: 10.556 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	146487
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	30.1	25.7	38.5
92	18.9	15.4	23.2



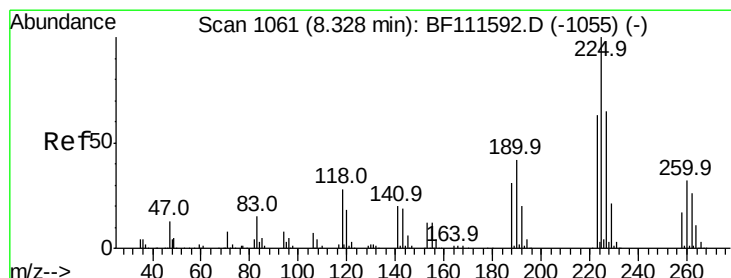
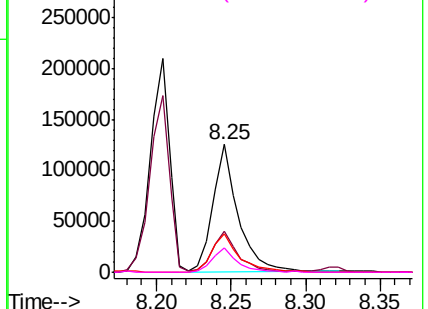
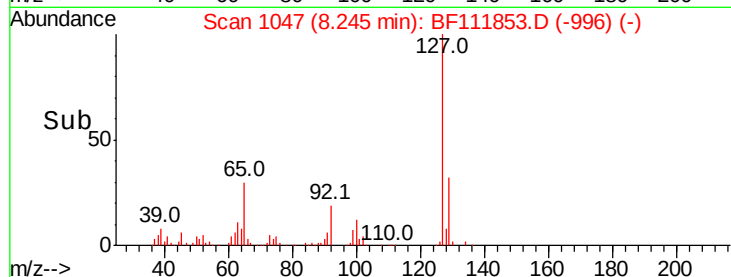
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

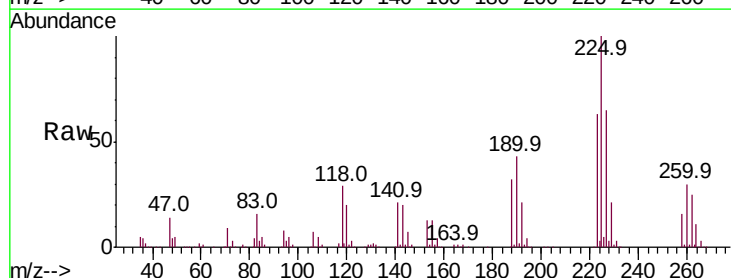
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.978 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:	225	Resp:	294967
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	64.7	52.6	78.8

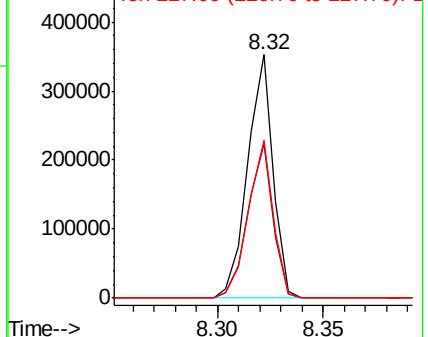
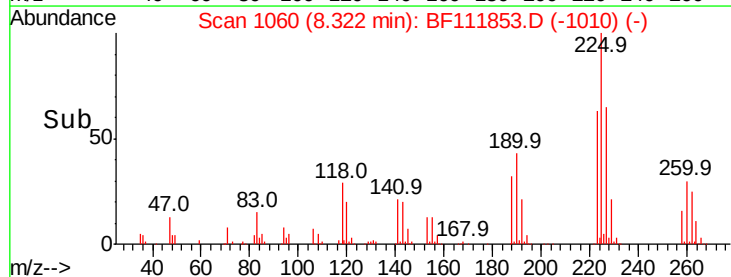


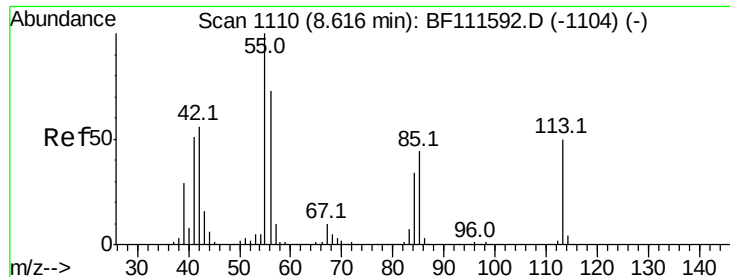
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 13.142 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.03 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

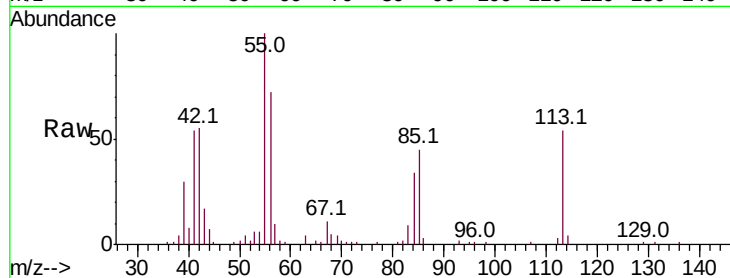
Tot Ion:113 Resp: 46074

Ion Ratio Lower Upper

113 100

55 184.8 184.1 224.1

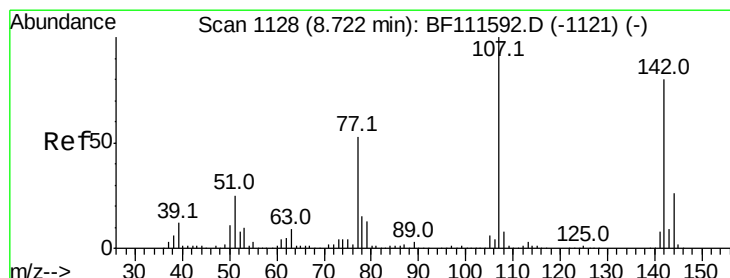
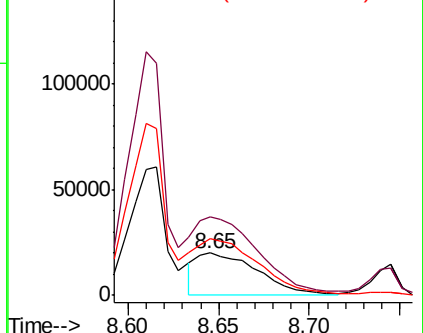
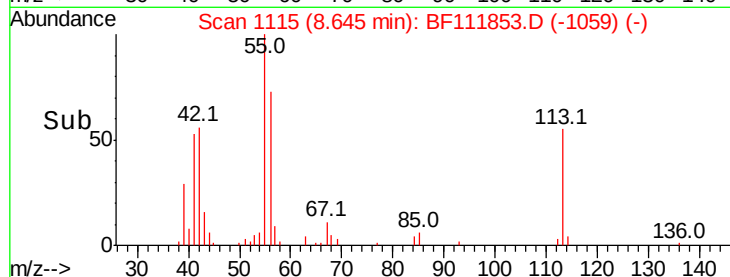
56 133.0 126.0 166.0



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: 49.589 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.02 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

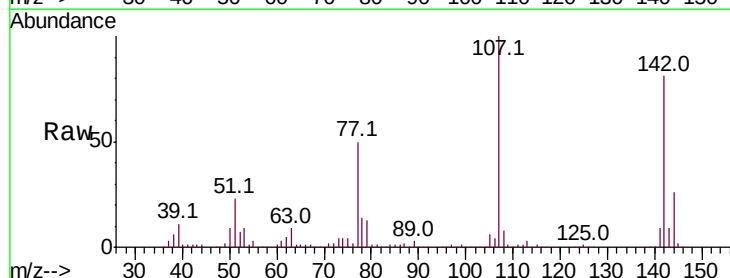
Tgt Ion:107 Resp: 504325

Ion Ratio Lower Upper

107 100

144 25.8 19.8 29.6

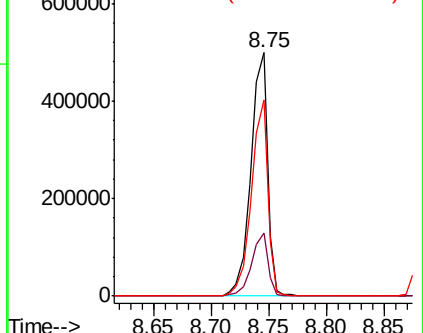
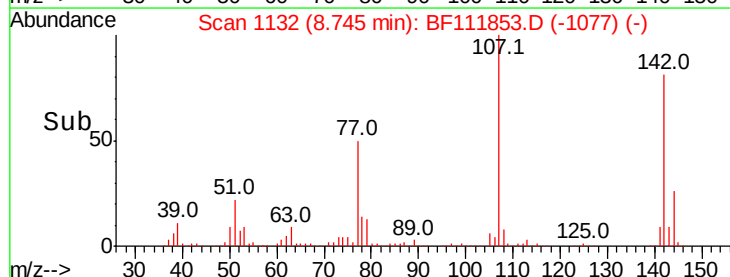
142 80.5 62.3 93.5

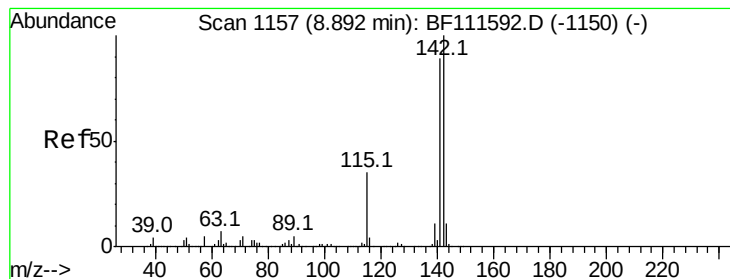


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.878 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampled :

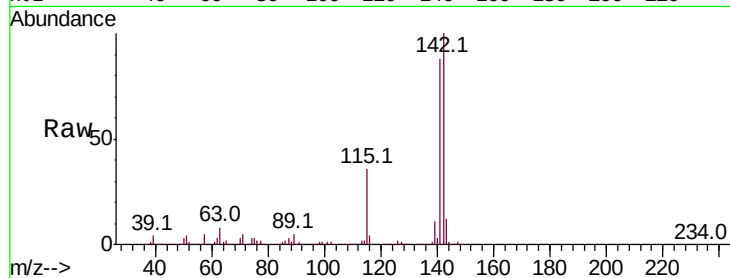
Tot Ion:142 Resp: 1083625

Ion Ratio Lower Upper

142 100

141 88.5 70.6 105.8

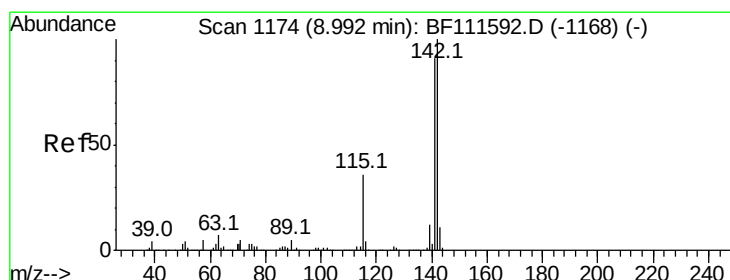
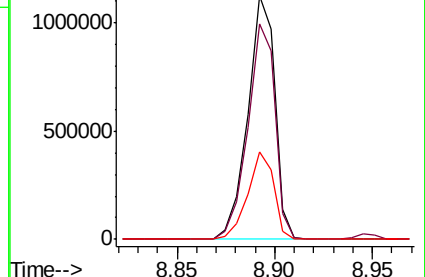
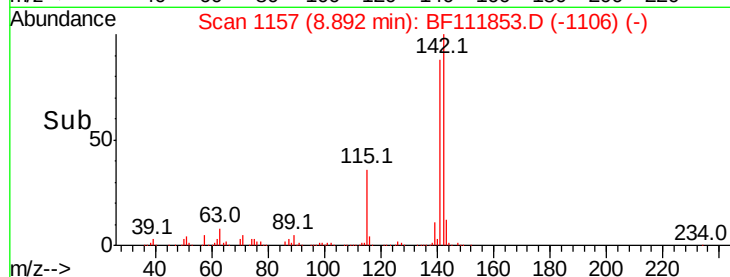
115 35.7 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.521 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

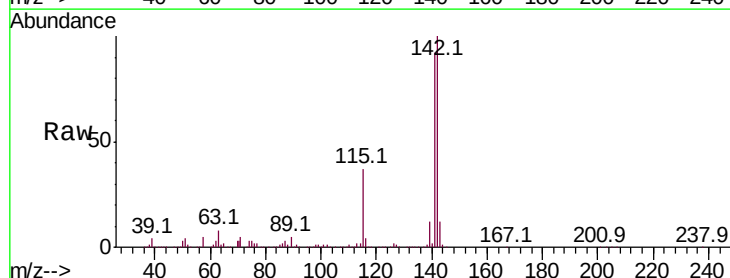
Tgt Ion:142 Resp: 1013508

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

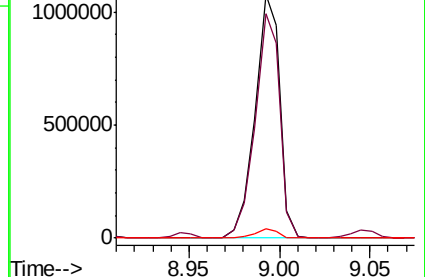
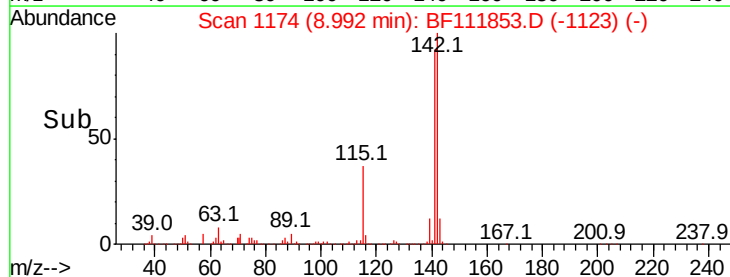
116 3.8 2.9 4.3

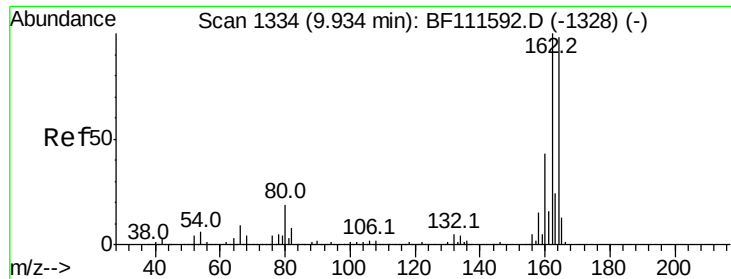


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

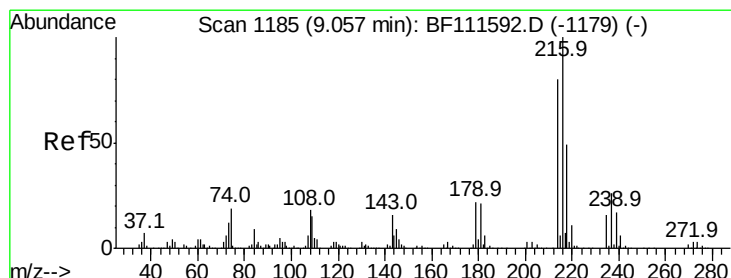
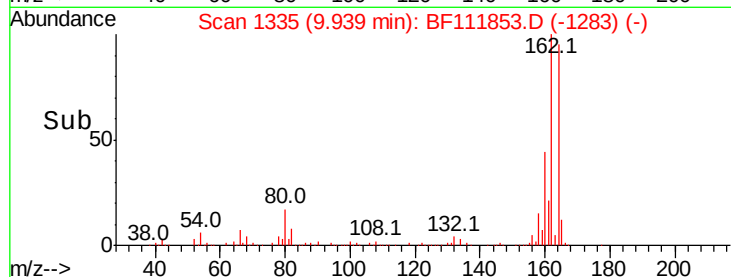
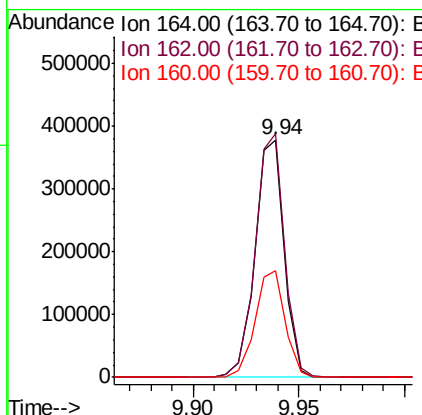
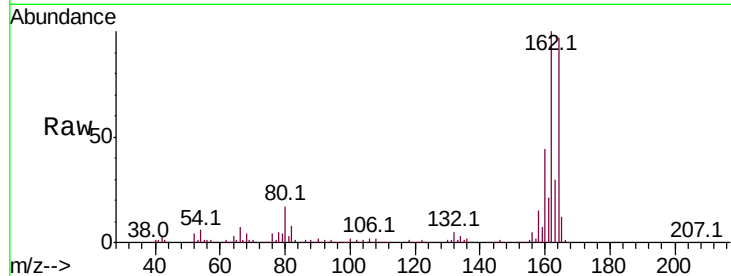




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

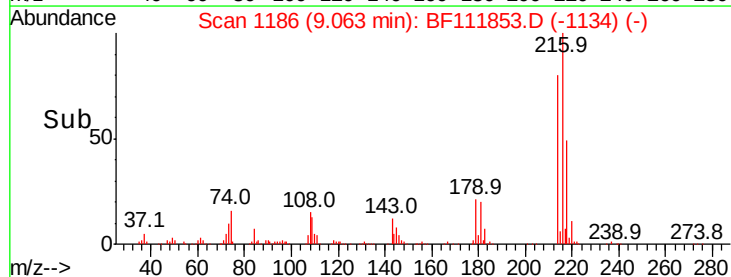
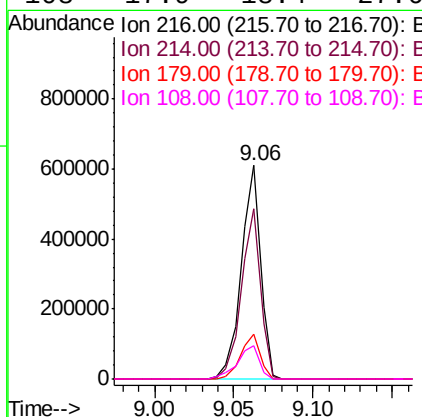
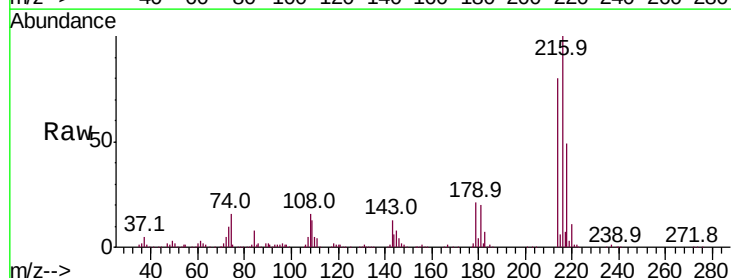
Instrument :
 BNA_G
 ClientSampleId :

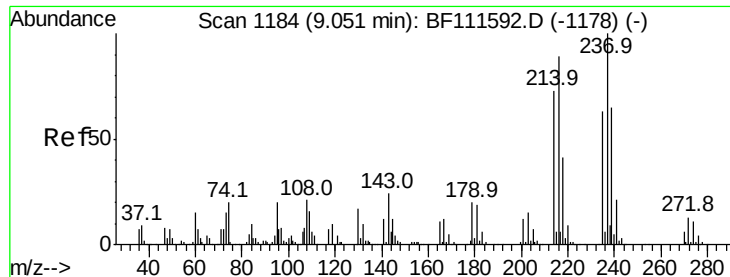
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.0
160	44.9	35.7	53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.269 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	21.0	17.9	26.9
108	17.9	18.4	27.6#





#41

Hexachlorocyclopentadiene

Concen: 48.561 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

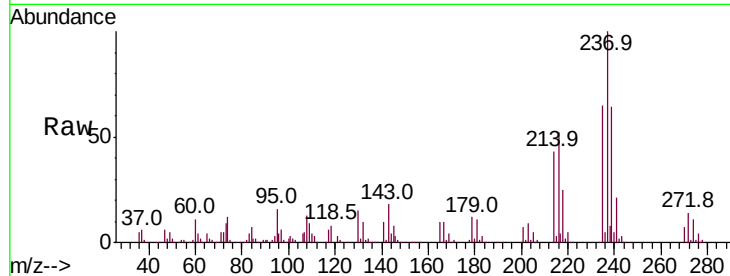
Tot Ion:237 Resp: 281189

Ion Ratio Lower Upper

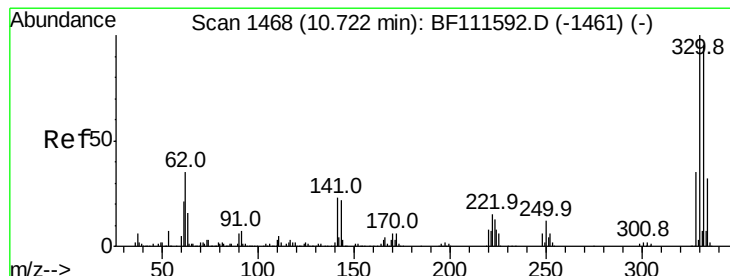
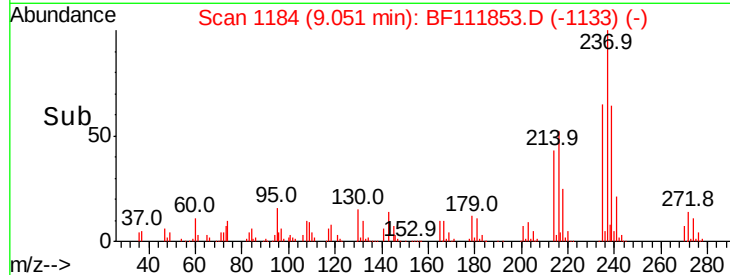
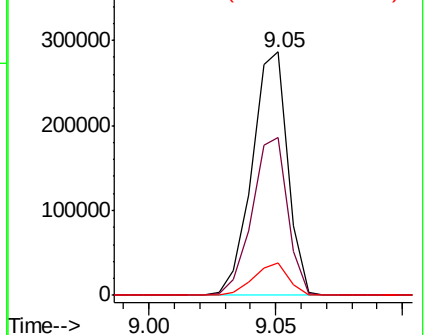
237 100

235 64.9 43.1 83.1

272 13.5 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 114.612 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

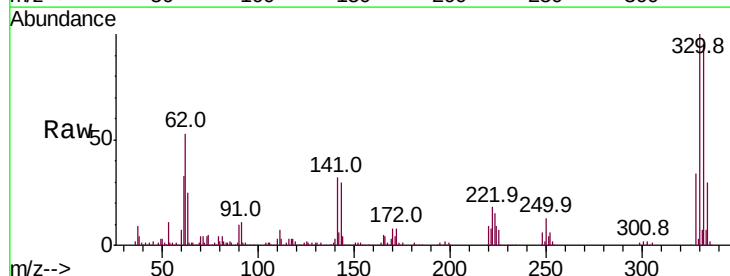
Tgt Ion:330 Resp: 491766

Ion Ratio Lower Upper

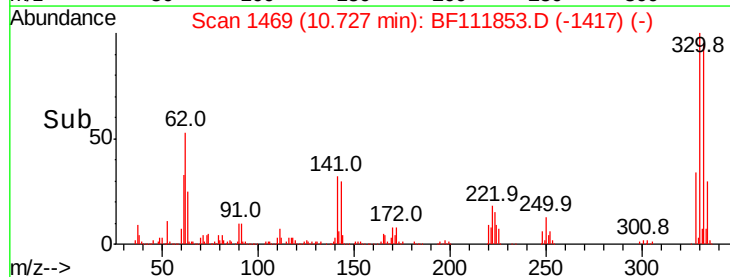
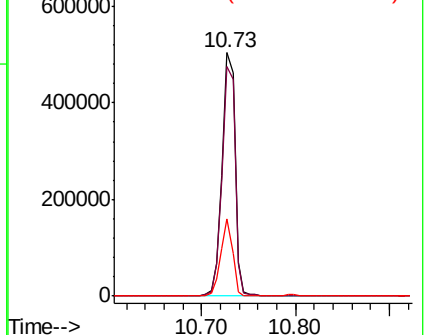
330 100

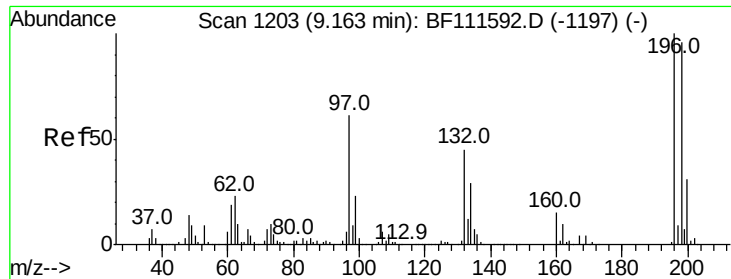
332 96.1 76.0 114.0

141 29.1 31.0 46.6#



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

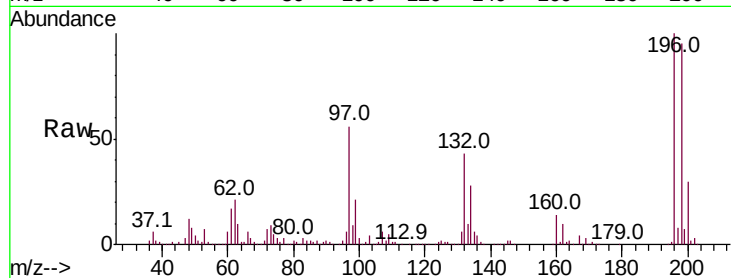




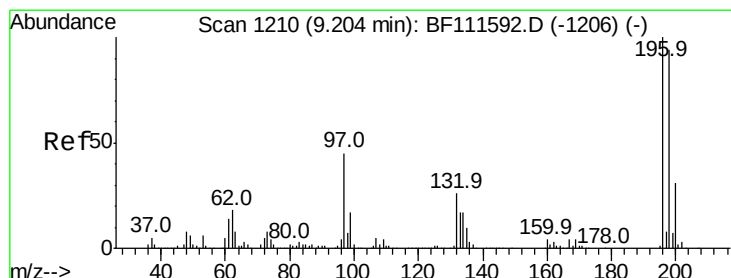
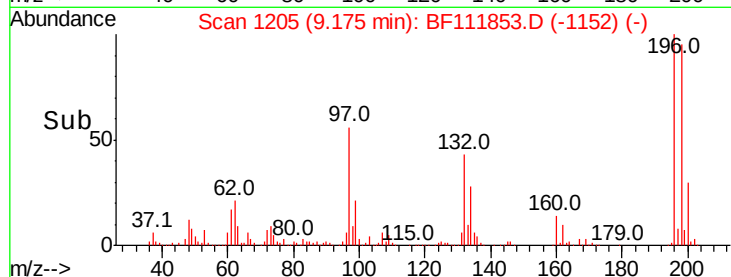
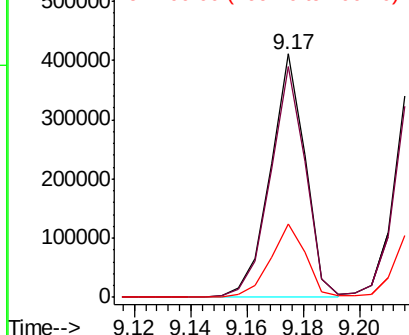
#43
 2,4,6-Trichlorophenol
 Concen: 44.260 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 352613
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.4 24.9 37.3

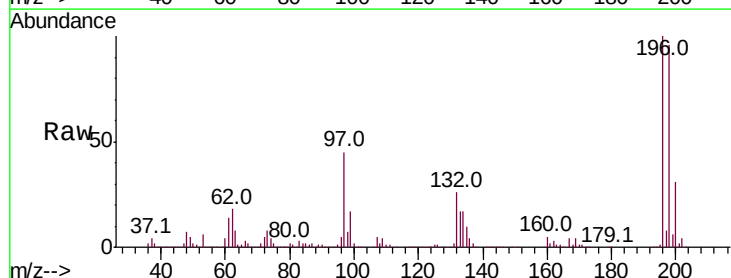


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

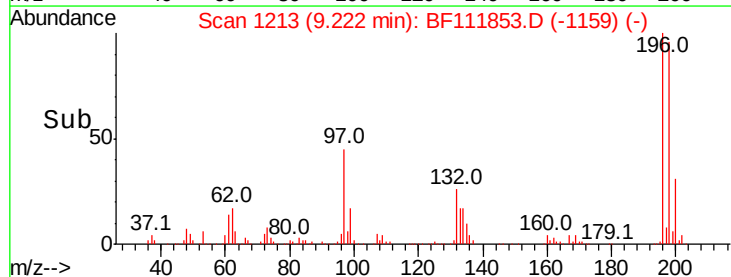
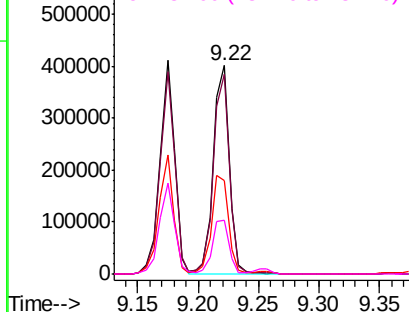


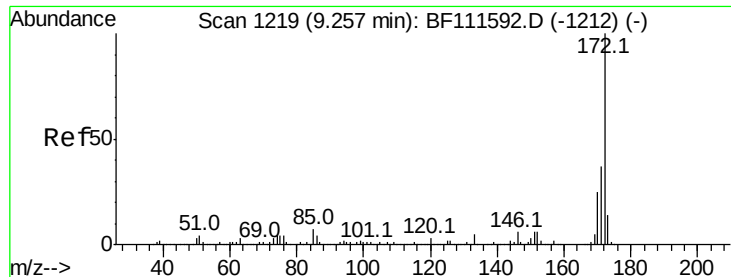
#44
 2,4,5-Trichlorophenol
 Concen: 44.634 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion:196 Resp: 364800
 Ion Ratio Lower Upper
 196 100
 198 96.2 72.9 109.3
 97 44.7 45.3 67.9#
 132 25.8 25.5 38.3



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

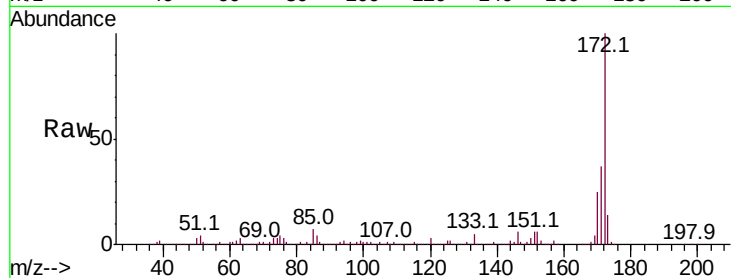




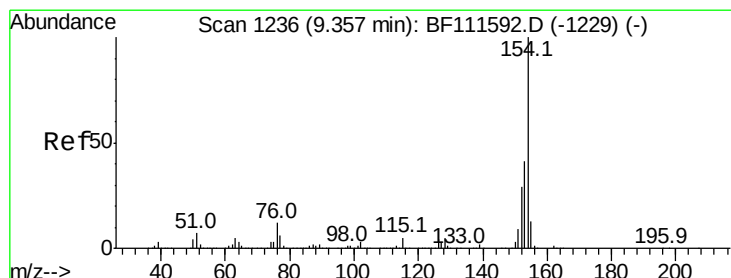
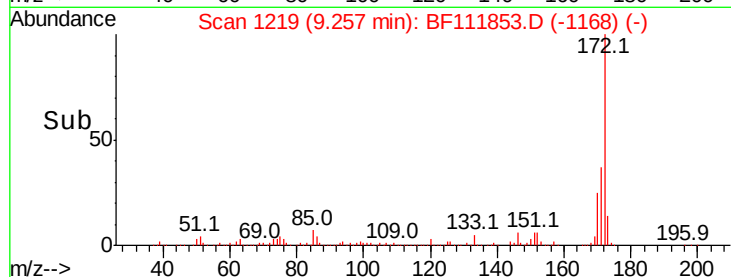
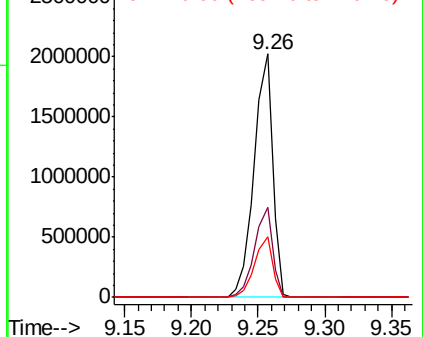
#45
2-Fluorobiphenyl
Concen: 77.025 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1918955
Ion Ratio Lower Upper
172 100
171 37.2 33.0 49.4
170 24.9 22.3 33.5

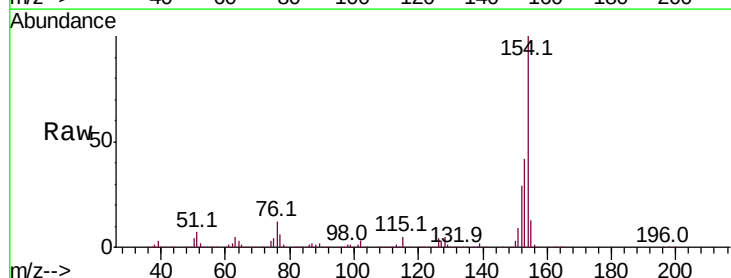


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

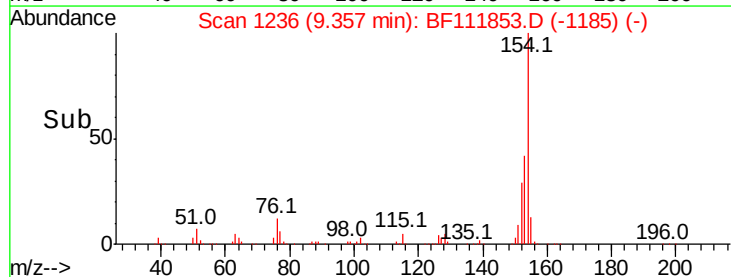
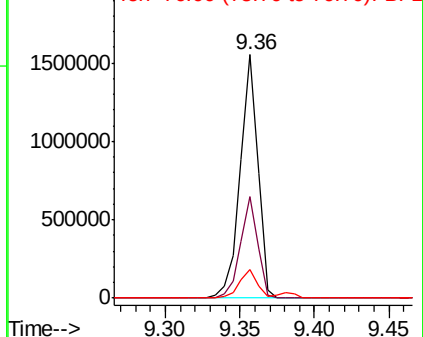


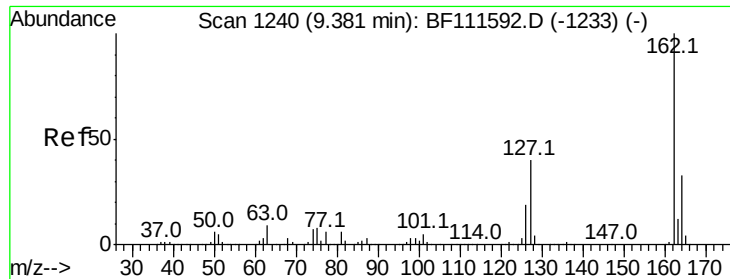
#46
1,1'-Biphenyl
Concen: 41.992 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:154 Resp: 1287215
Ion Ratio Lower Upper
154 100
153 41.9 23.7 63.7
76 11.9 0.0 35.0



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



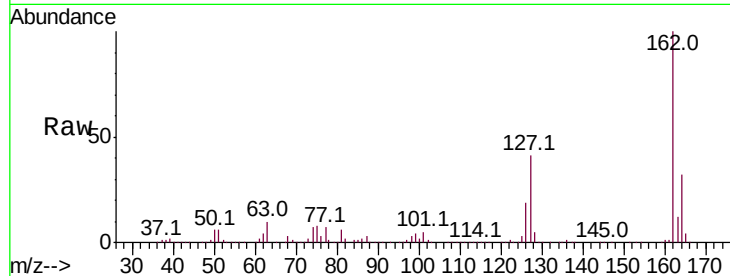


#47
 2-Chloronaphthalene
 Concen: 41.828 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

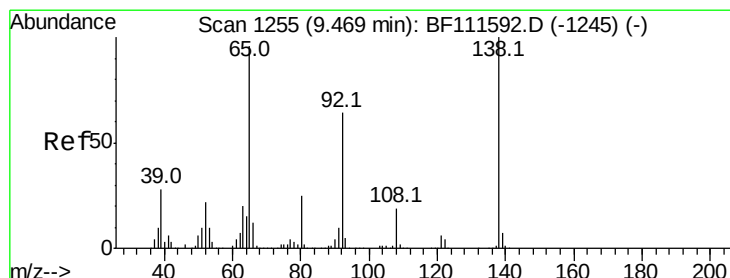
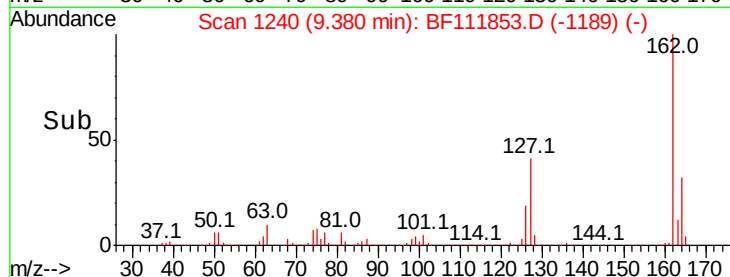
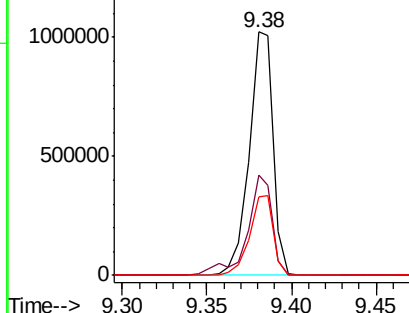
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 1015876

Ion	Ratio	Lower	Upper
162	100		
127	40.9	35.0	52.4
164	32.5	28.4	42.6



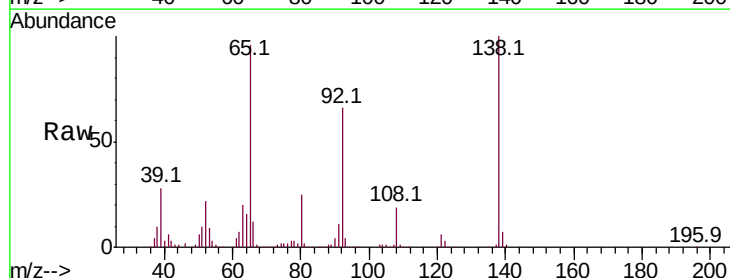
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



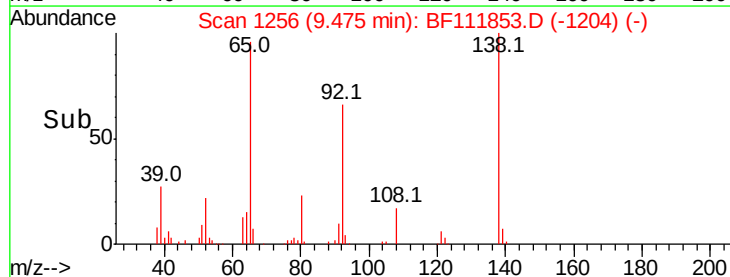
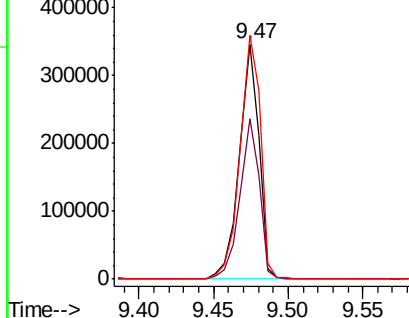
#48
 2-Nitroaniline
 Concen: 50.488 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

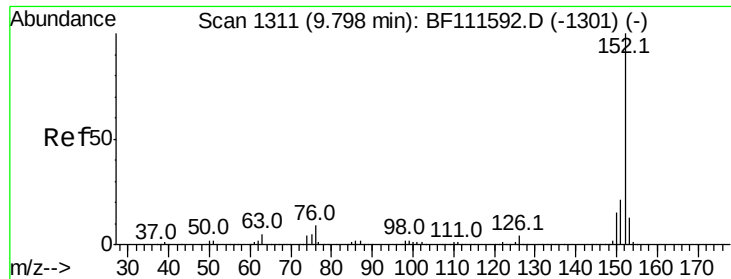
Tgt Ion: 65 Resp: 318998

Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.5	80.3
138	103.7	80.9	121.3



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





#49

Acenaphthylene

Concen: 43.306 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

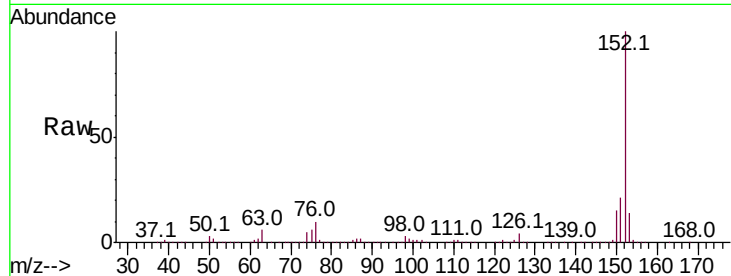
Tot Ion:152 Resp: 1535661

Ion Ratio Lower Upper

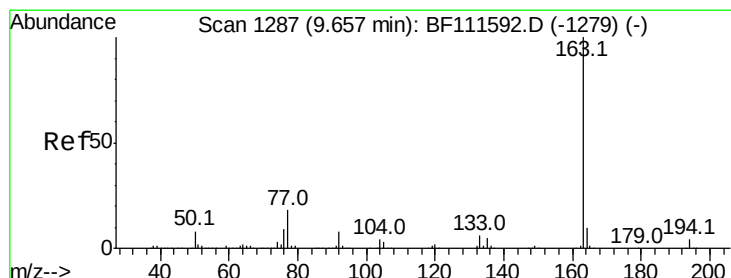
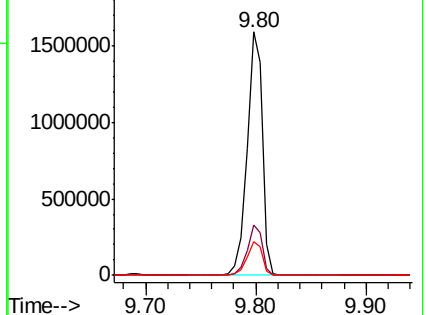
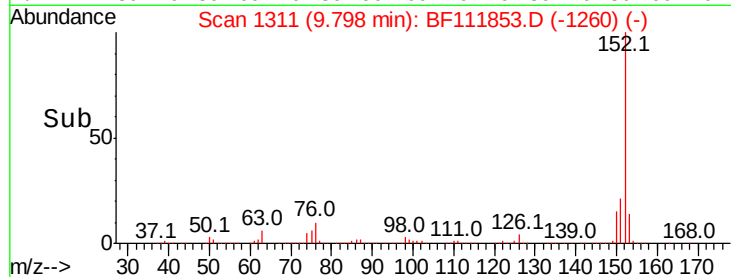
152 100

151 20.8 18.0 27.0

153 13.7 12.3 18.5



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



#50

Dimethylphthalate

Concen: 52.651 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

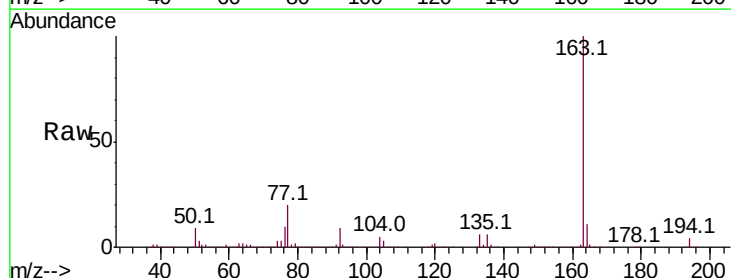
Tgt Ion:163 Resp: 1398143

Ion Ratio Lower Upper

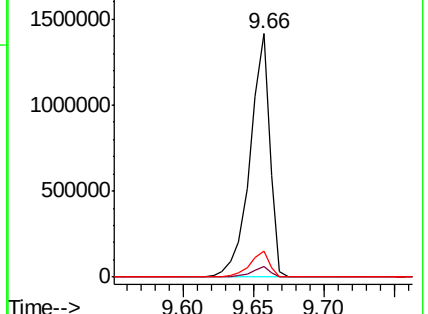
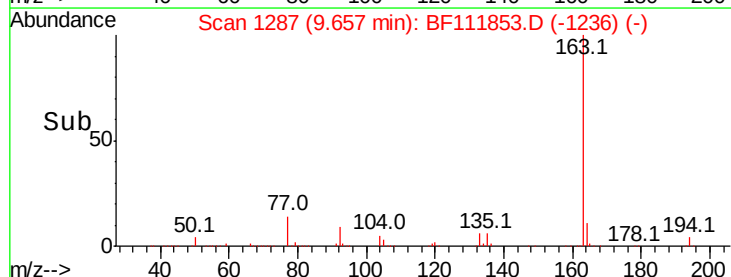
163 100

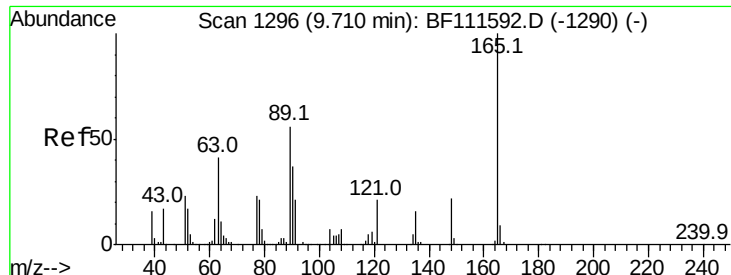
194 4.2 3.0 4.6

164 10.8 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 50.757 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampled :

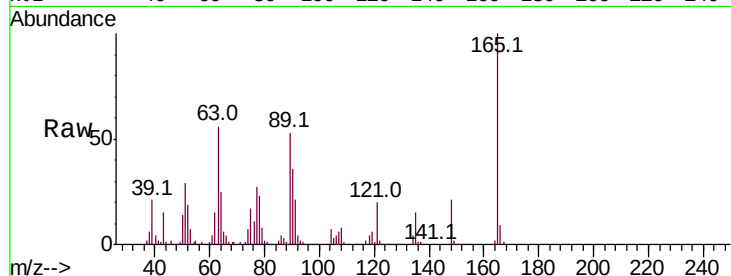
Tot Ion:165 Resp: 268759

Ion Ratio Lower Upper

165 100

63 56.1 40.5 60.7

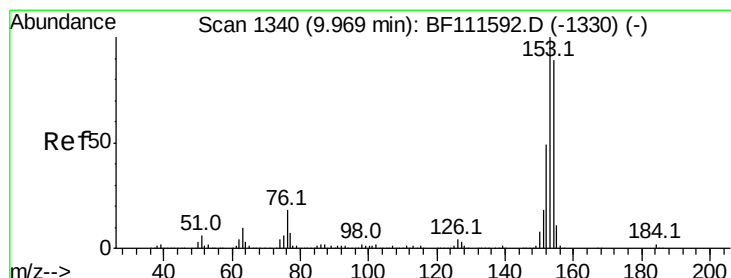
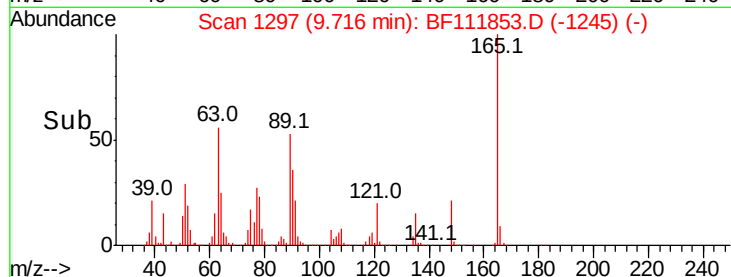
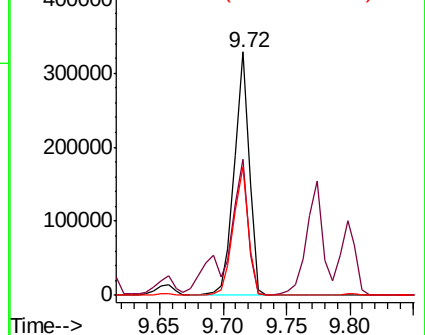
89 53.0 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.860 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

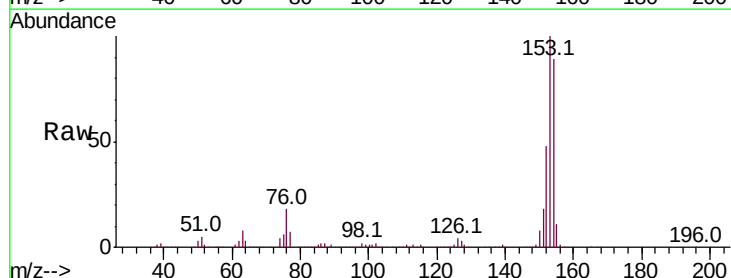
Tgt Ion:154 Resp: 915508

Ion Ratio Lower Upper

154 100

153 112.3 87.8 131.8

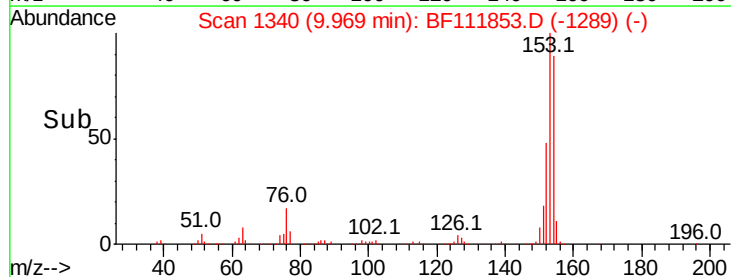
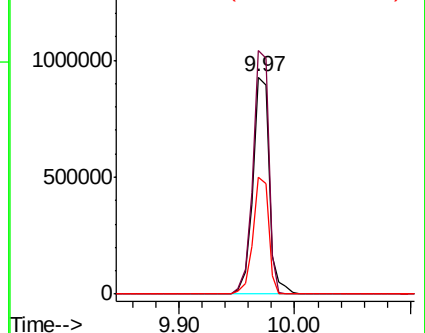
152 54.1 43.4 65.2

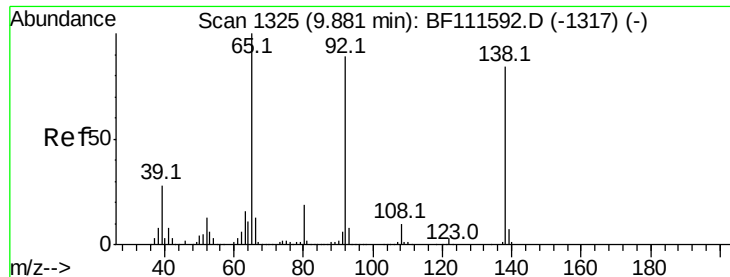


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

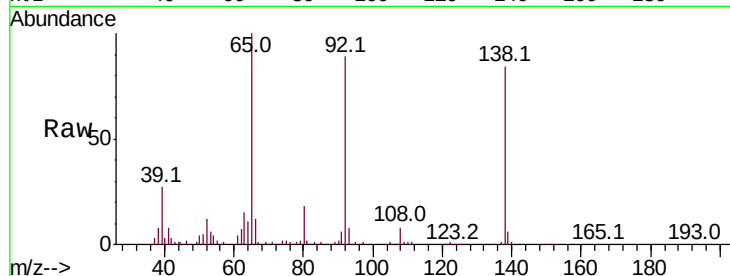




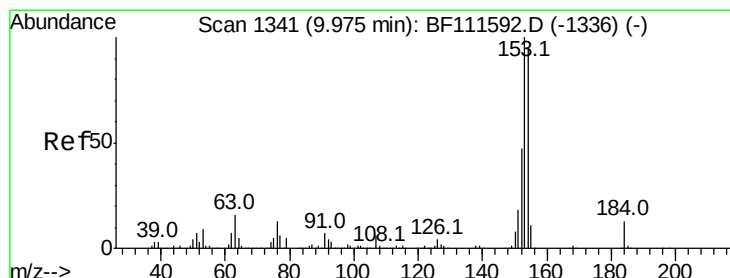
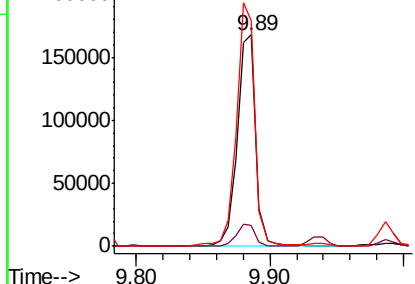
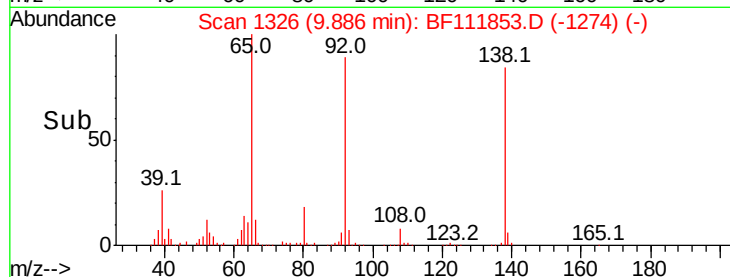
#53
3-Nitroaniline
Concen: 28.779 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 162519
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 106.6 93.4 140.2

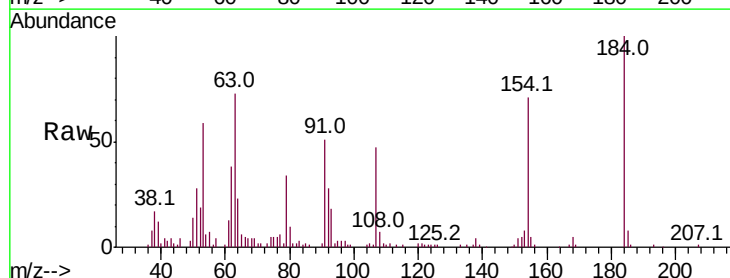


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

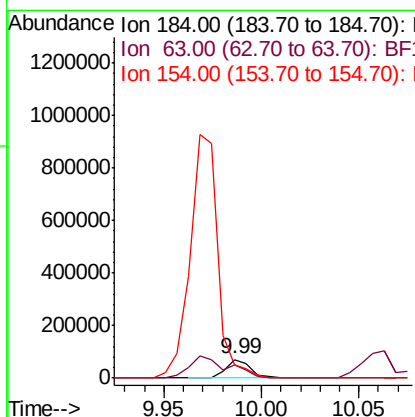
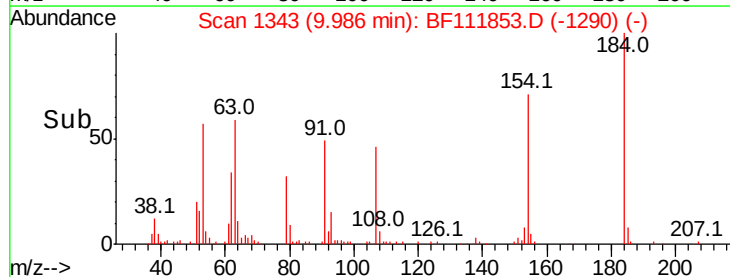


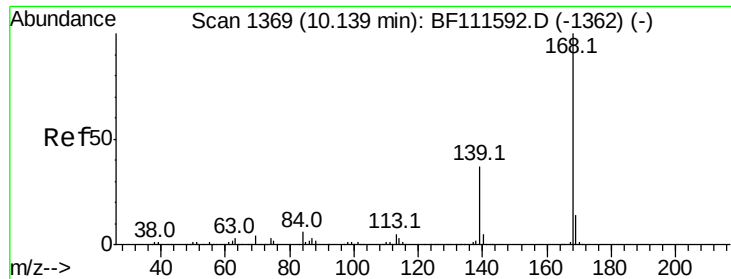
#54
2,4-Dinitrophenol
Concen: 41.097 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:184 Resp: 63191
Ion Ratio Lower Upper
184 100
63 73.1 62.3 93.5
154 71.5 56.2 84.2



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

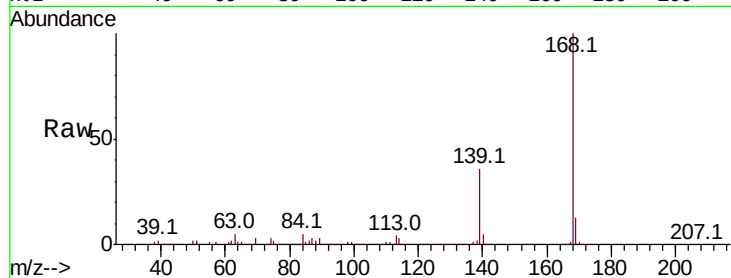




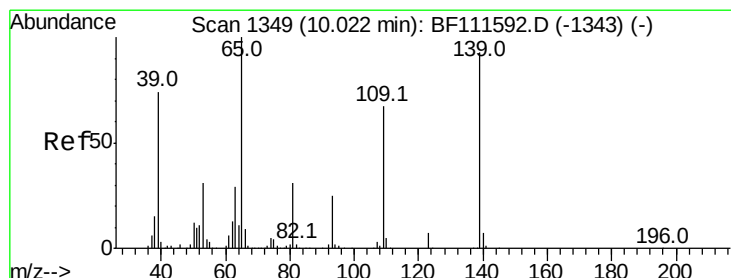
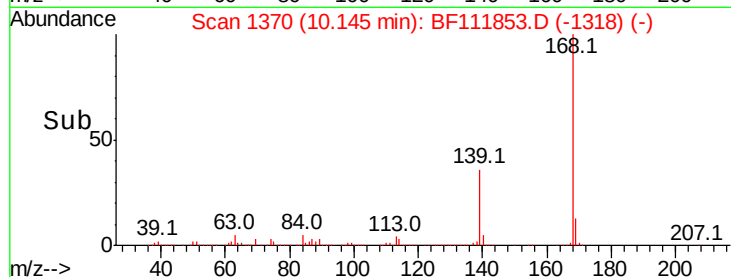
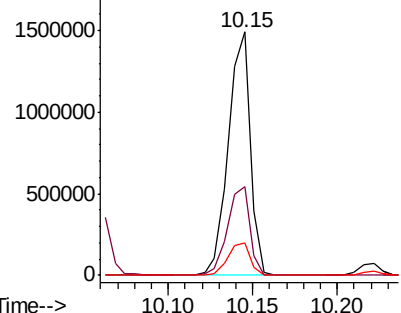
#55
Dibenzofuran
Concen: 41.014 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1355169
Ion Ratio Lower Upper
168 100
139 36.4 32.6 49.0
169 13.3 11.8 17.6

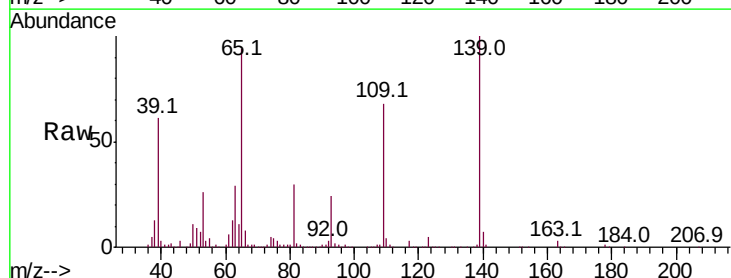


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

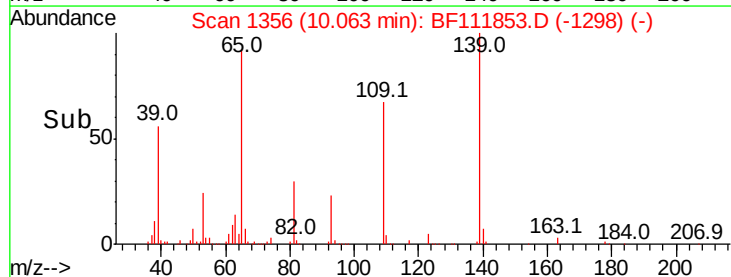
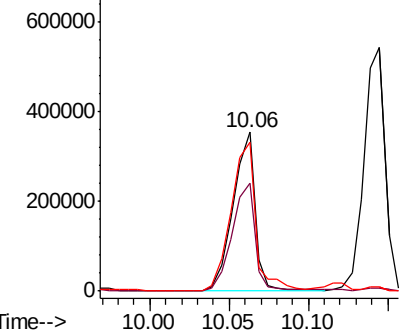


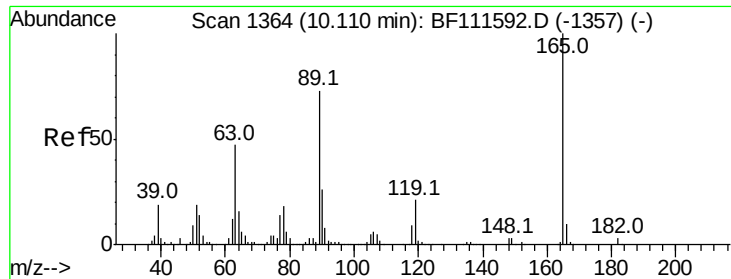
#56
4-Nitrophenol
Concen: 79.816 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:139 Resp: 343978
Ion Ratio Lower Upper
139 100
109 67.9 41.8 81.8
65 93.7 79.6 119.6



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





#57

2,4-Dinitrotoluene

Concen: 52.449 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 333778

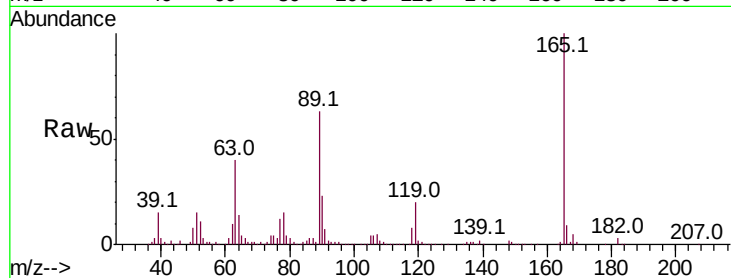
Ion Ratio Lower Upper

165 100

63 40.2 34.6 52.0

89 62.9 56.2 84.4

182 2.6 1.8 2.6

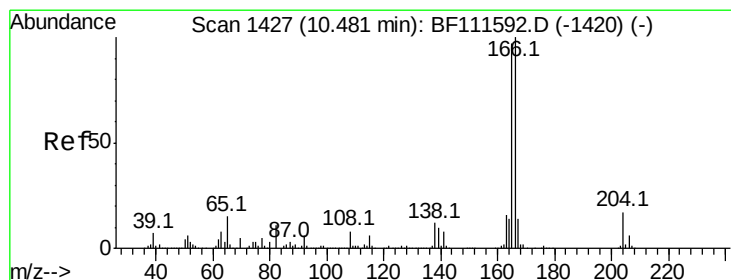
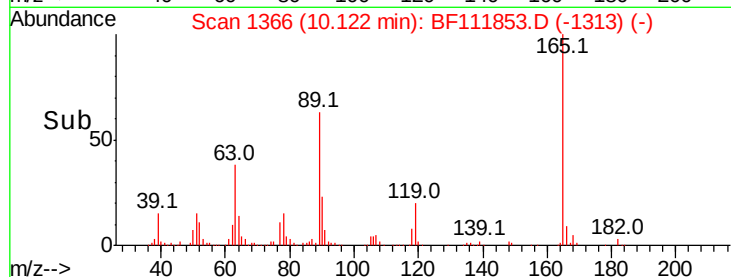
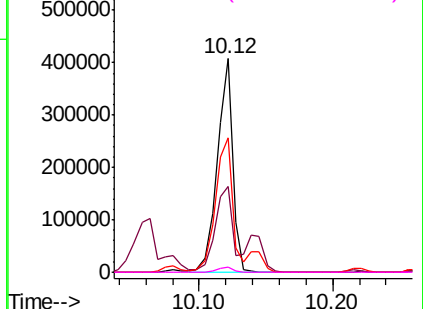


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.818 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

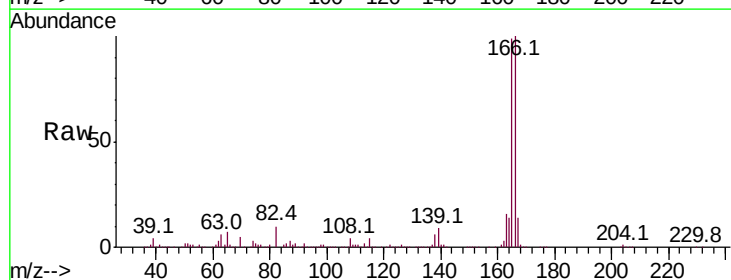
Tgt Ion:166 Resp: 1019470

Ion Ratio Lower Upper

166 100

165 98.8 78.4 117.6

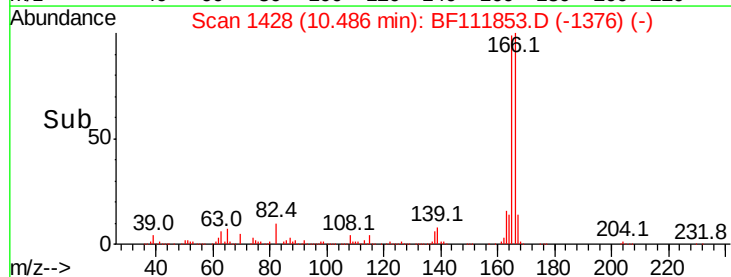
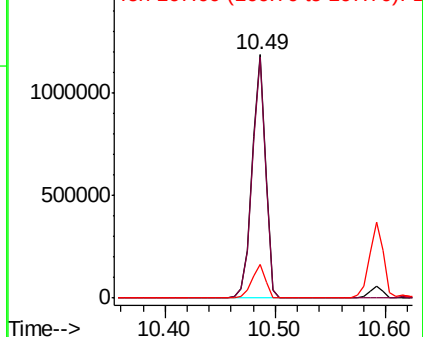
167 13.7 11.2 16.8

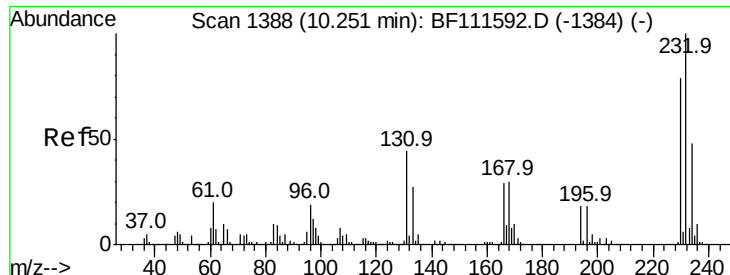


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

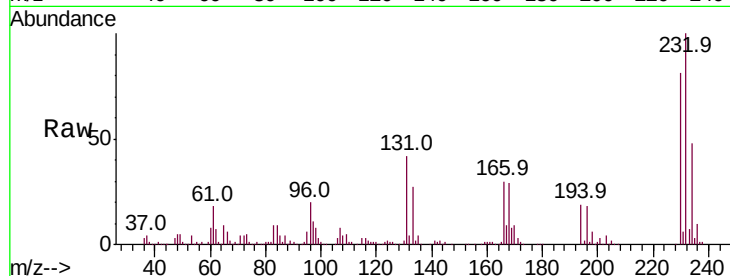




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.151 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	40.9	61.3
130	2.1	2.0	3.0
166	28.5	26.8	40.2



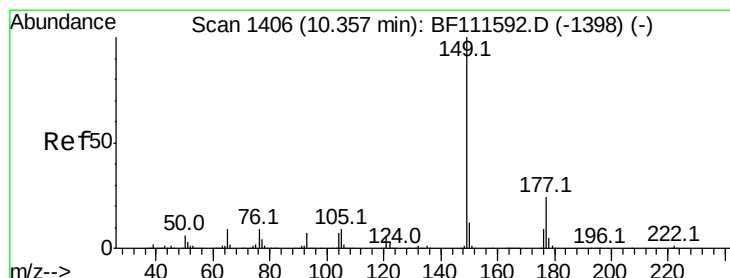
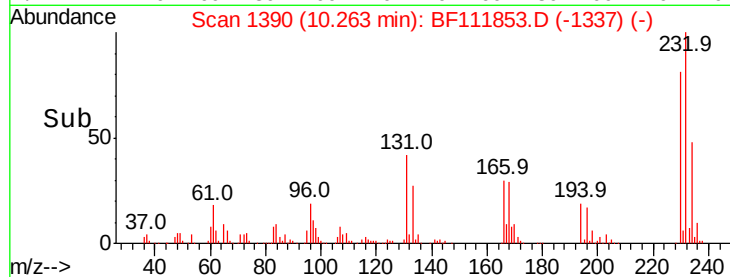
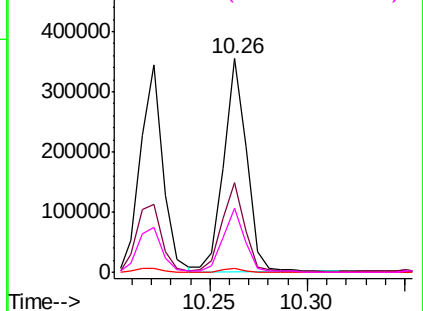
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

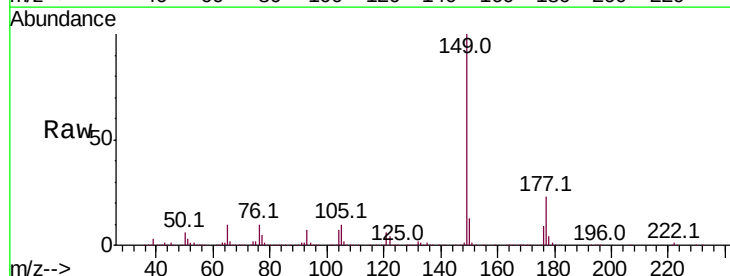
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.753 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.9	10.6	15.8

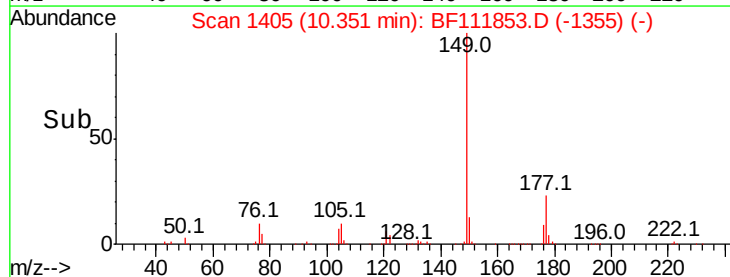
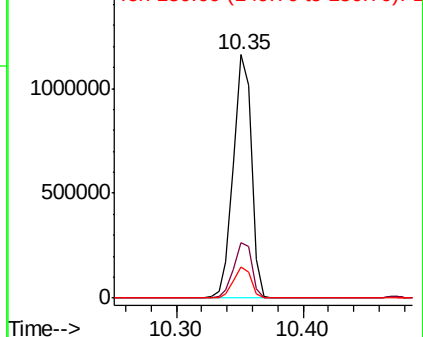


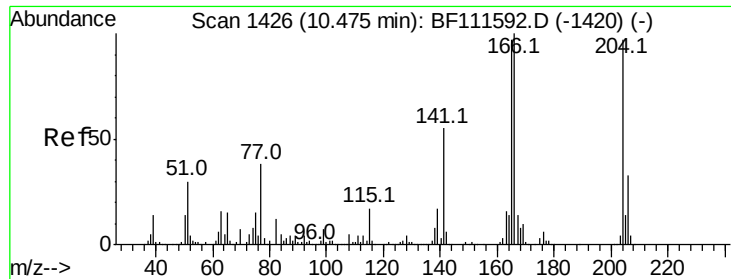
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

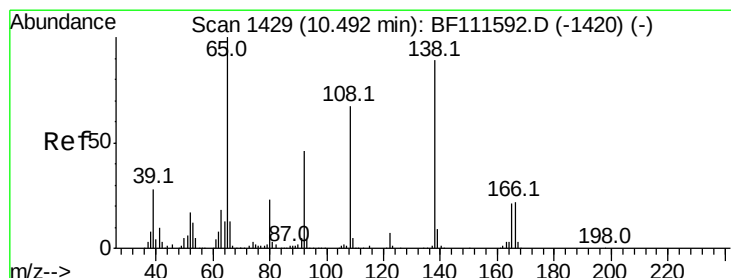
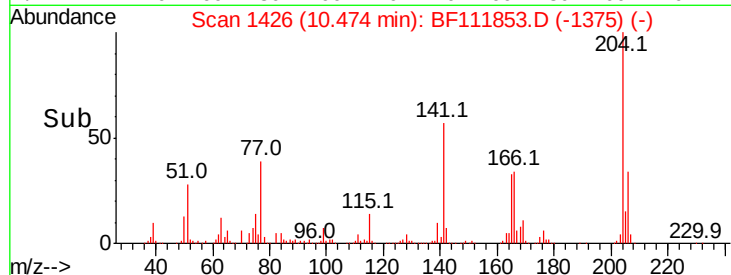
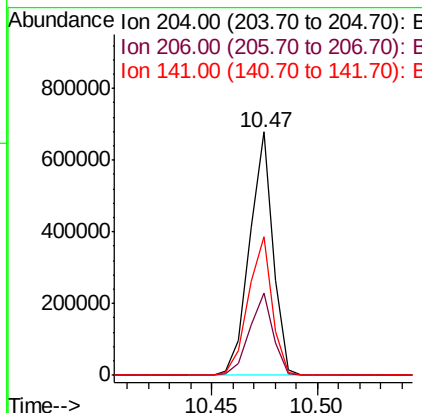
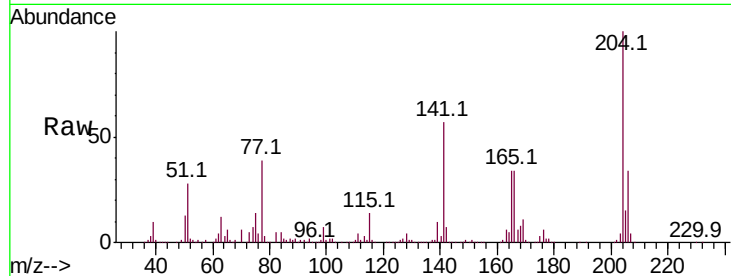




#61
 4-Chlorophenyl-phenylether
 Concen: 39.780 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

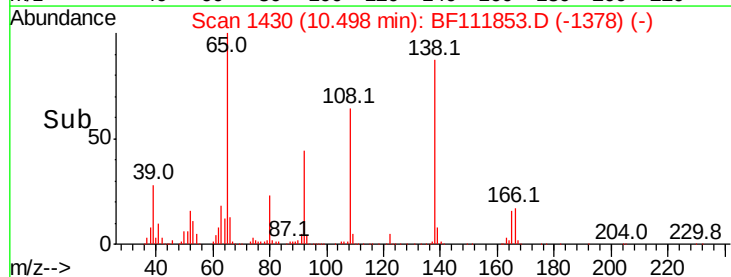
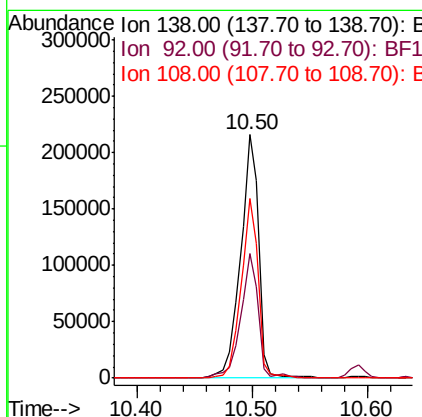
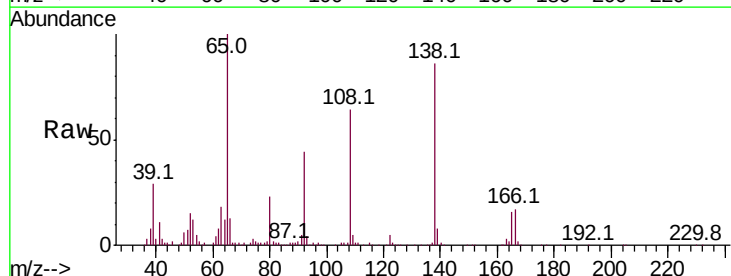
Instrument :
 BNA_G
 ClientSampled :

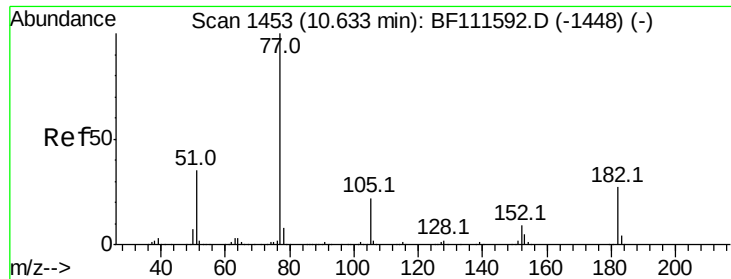
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	57.0	52.6	78.8



#62
 4-Nitroaniline
 Concen: 42.682 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	29.9	69.9
108	73.9	43.2	83.2

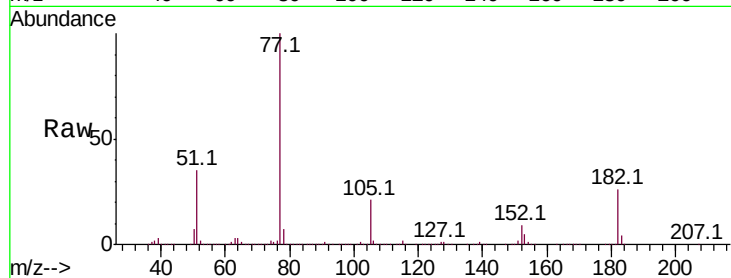




#63
Azobenzene
Concen: 37.338 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.9	44.9
105	21.3	6.0	46.0
51	34.5	14.7	54.7

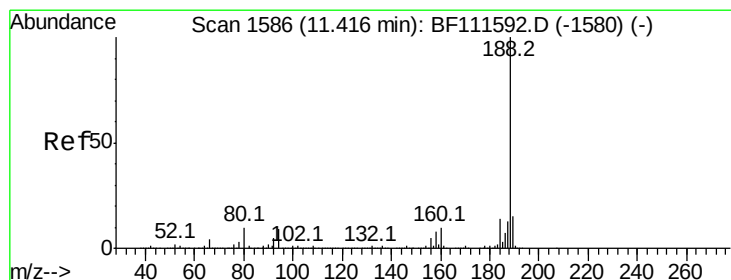
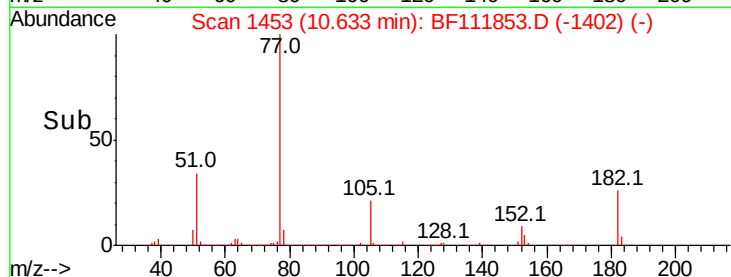
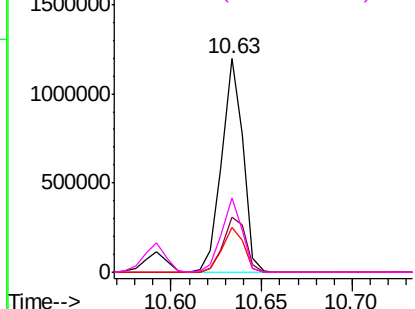


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

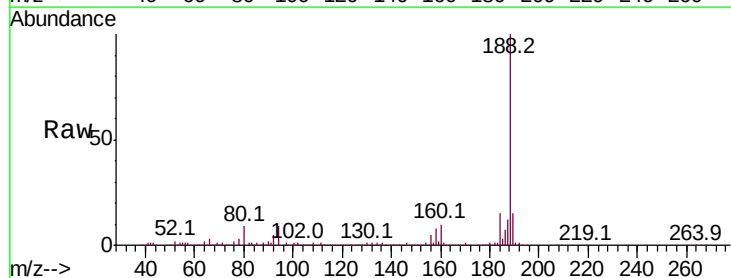
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

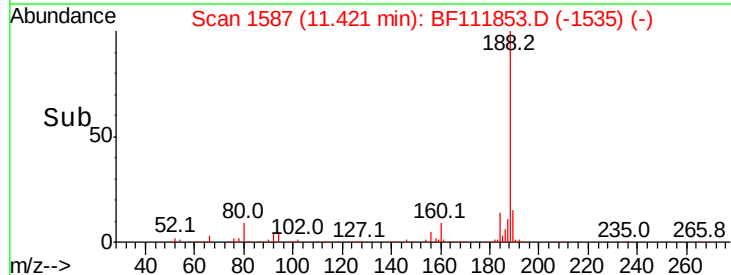
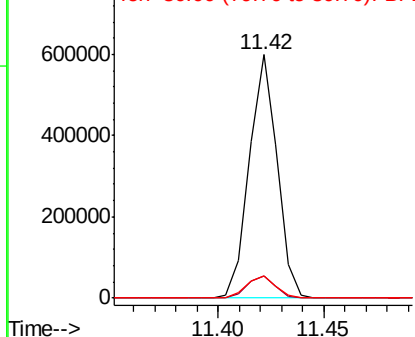
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.6	14.4#
80	9.3	9.8	14.6#

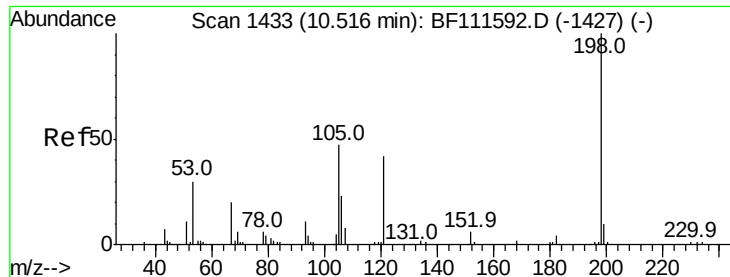


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

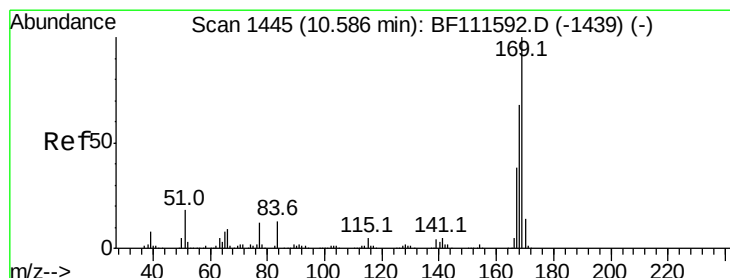
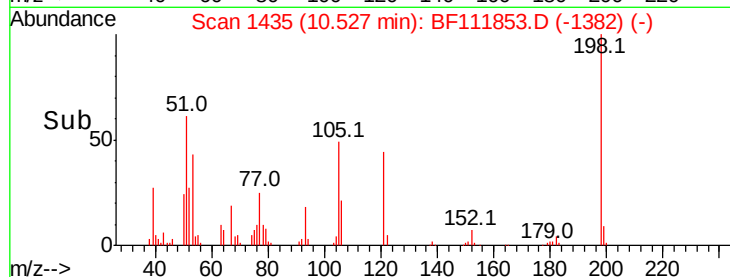
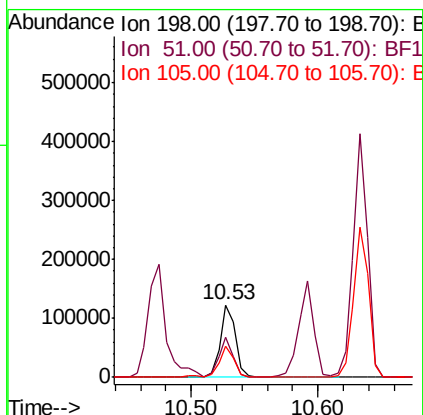
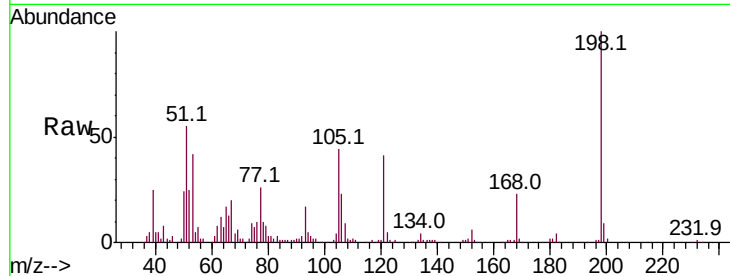




#65
4,6-Dinitro-2-methylphenol
Concen: 45.785 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

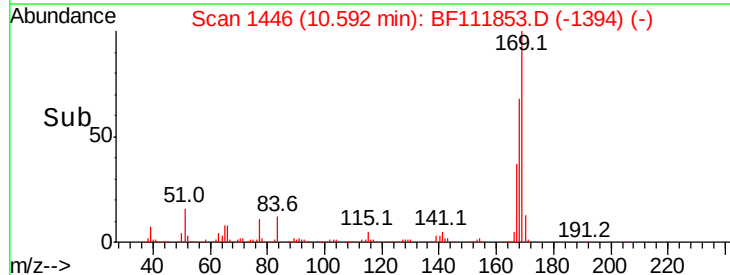
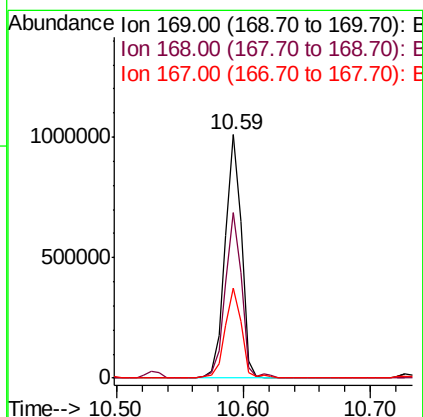
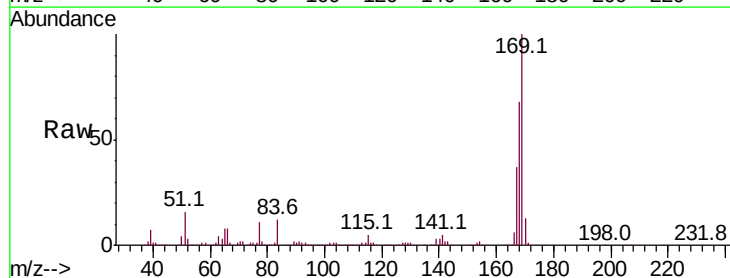
Instrument :
BNA_G
ClientSampleId :

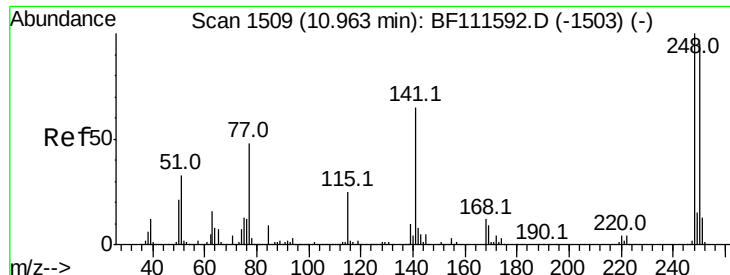
Tot Ion:198 Resp: 103307
Ion Ratio Lower Upper
198 100
51 55.2 48.0 88.0
105 43.7 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 48.684 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:169 Resp: 899241
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 36.8 30.5 45.7

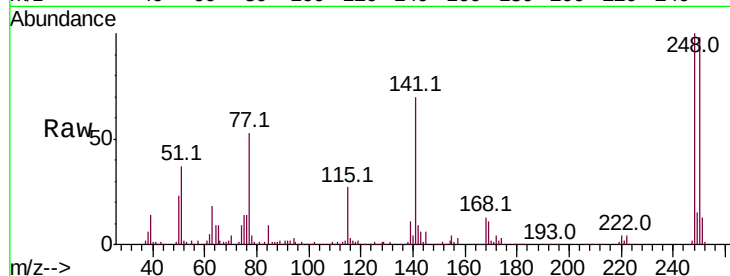




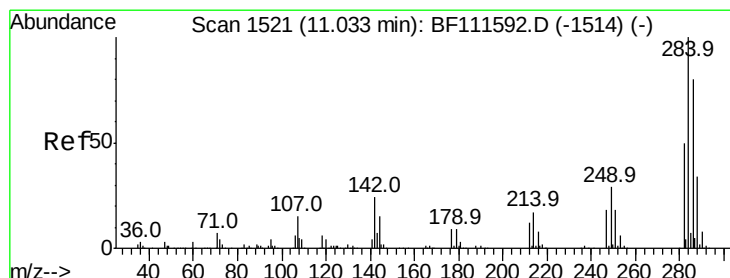
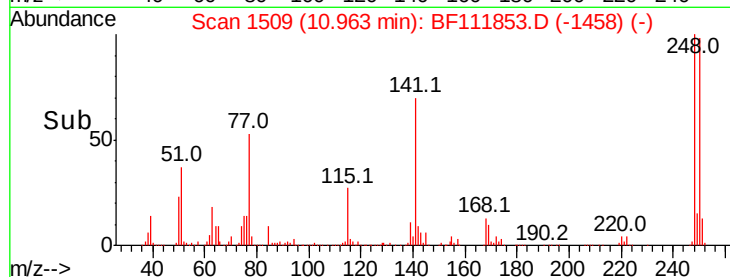
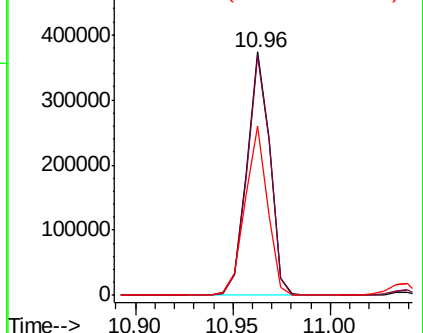
#67
4-Bromophenyl-phenylether
Concen: 44.818 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 305878
Ion Ratio Lower Upper
248 100
250 98.3 77.0 115.4
141 69.8 63.0 94.6

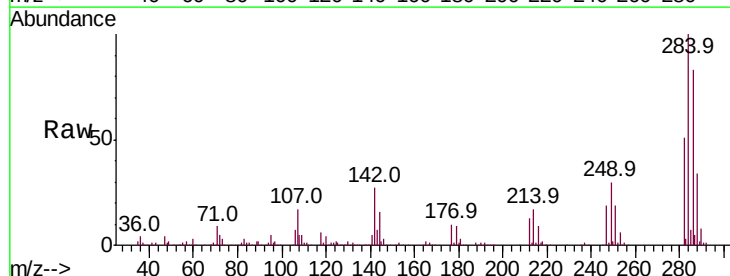


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

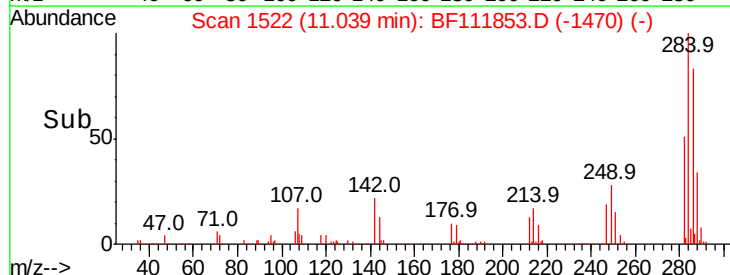
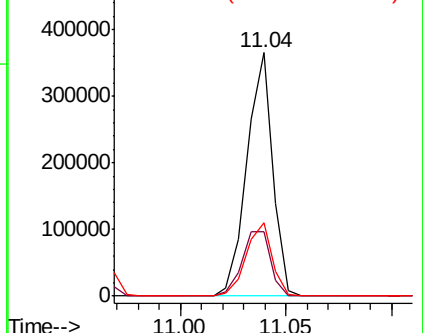


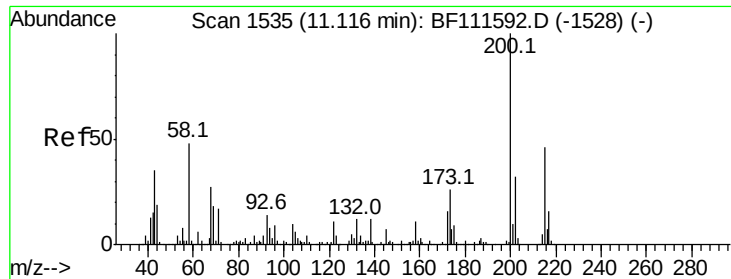
#68
Hexachlorobenzene
Concen: 40.747 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:284 Resp: 310073
Ion Ratio Lower Upper
284 100
142 26.7 27.4 41.2#
249 30.0 24.4 36.6



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

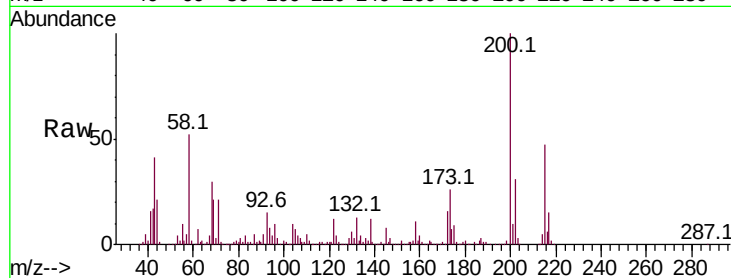




#69
Atrazine
Concen: 43.214 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	10.1	50.1
215	46.7	26.9	66.9

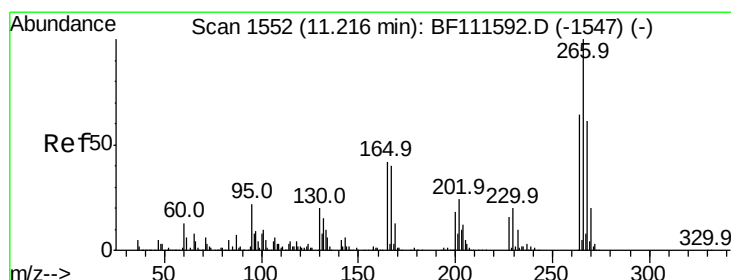
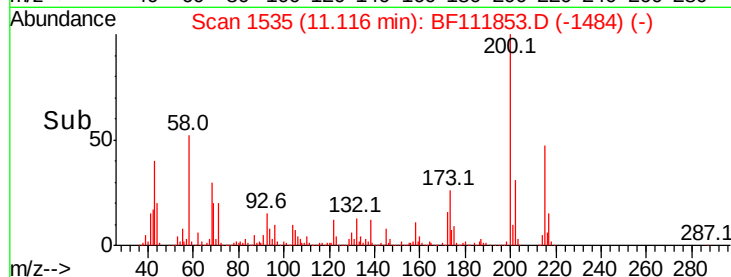
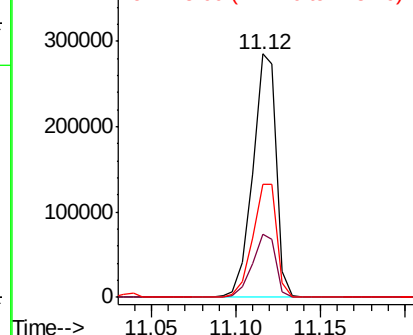


Abundance

Ion 200.00 (199.70 to 200.70): E

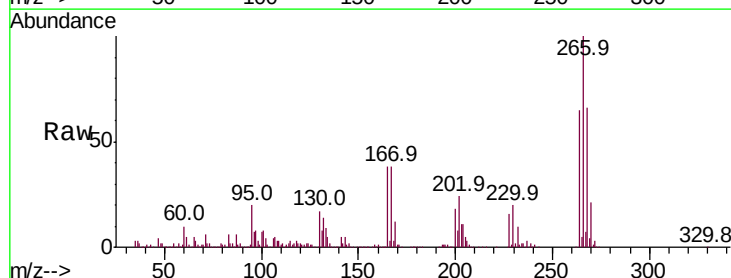
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.450 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	47.9	71.9
264	65.4	49.1	73.7

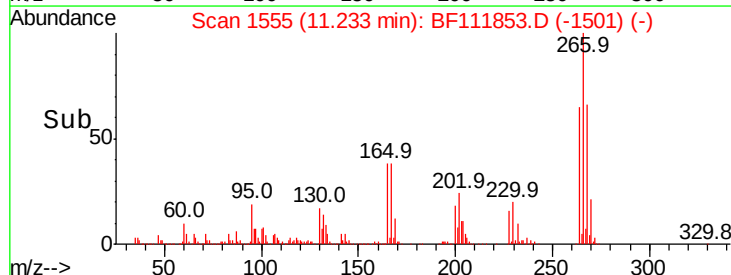
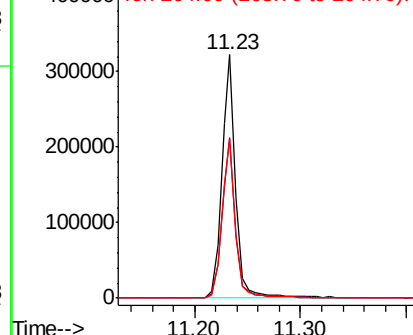


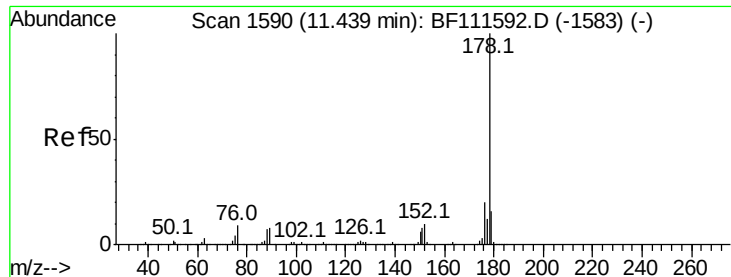
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

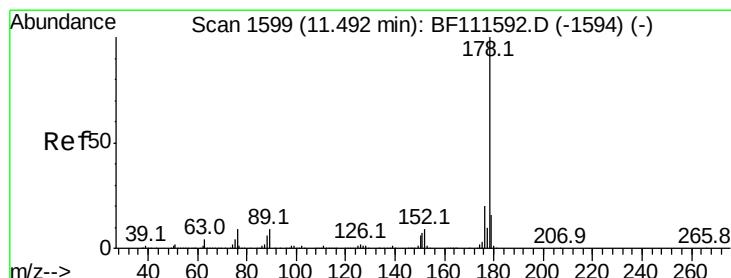
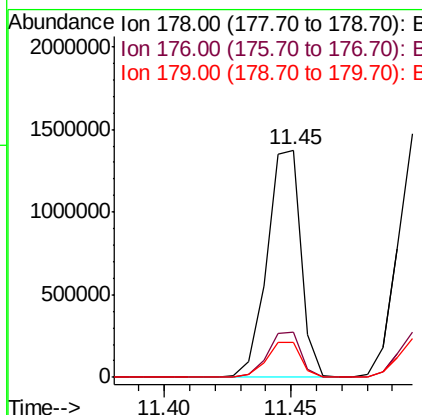
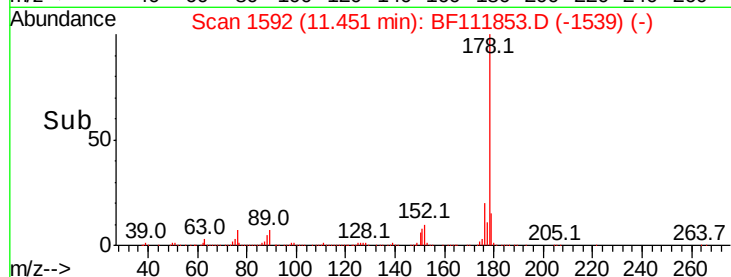
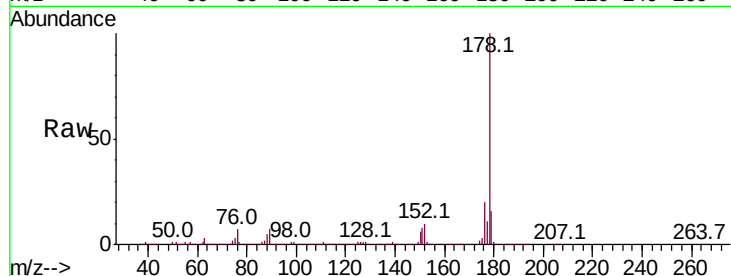




#71
 Phenanthrene
 Concen: 44.216 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

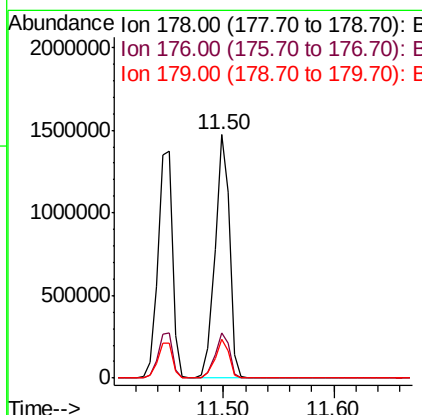
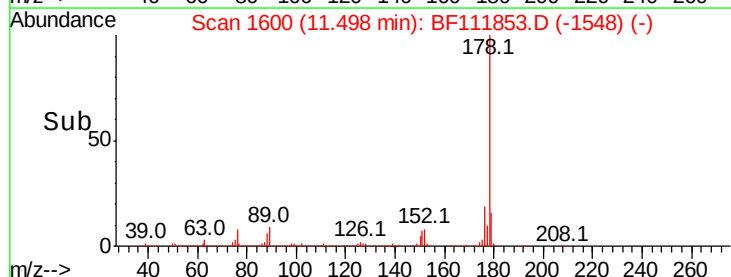
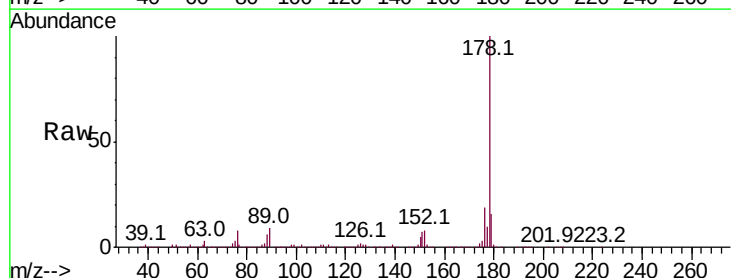
Instrument :
 BNA_G
 ClientSampleId :

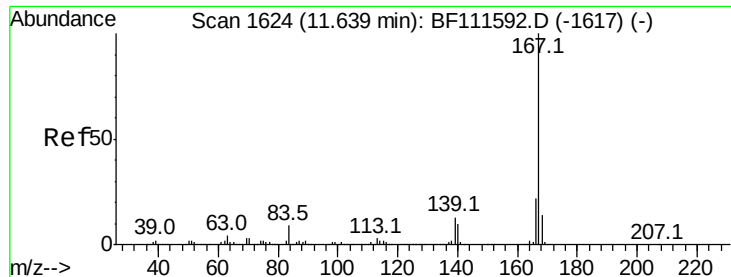
Tot Ion:178 Resp: 1290320
 Ion Ratio Lower Upper
 178 100
 176 20.0 18.1 27.1
 179 15.6 14.0 21.0



#72
 Anthracene
 Concen: 45.093 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion:178 Resp: 1320821
 Ion Ratio Lower Upper
 178 100
 176 18.5 17.2 25.8
 179 15.8 13.8 20.8

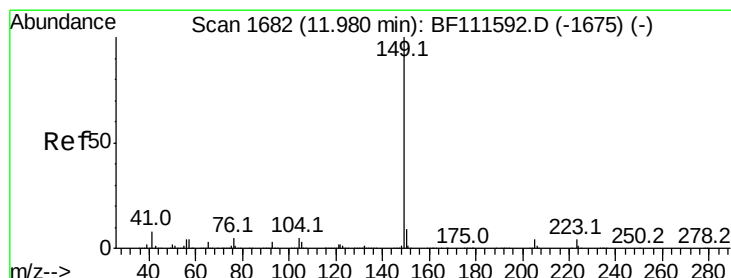
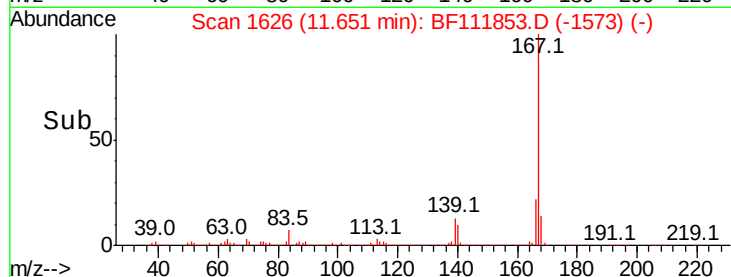
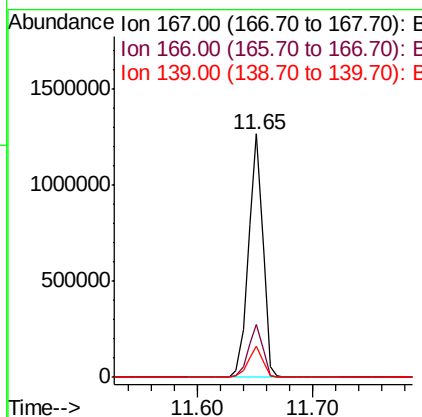
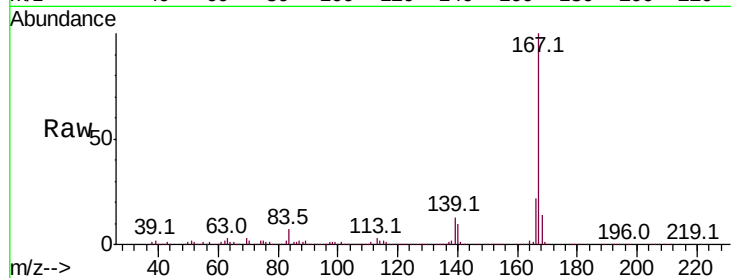




#73
 Carbazole
 Concen: 38.012 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

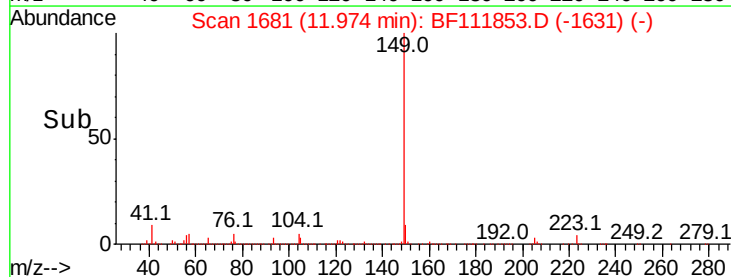
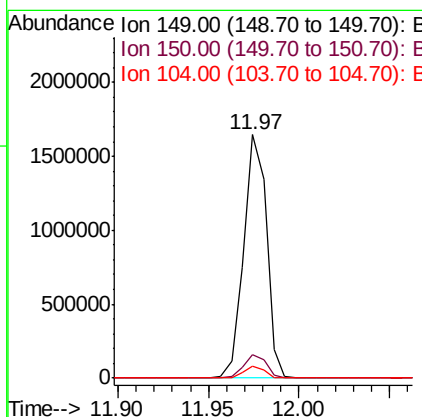
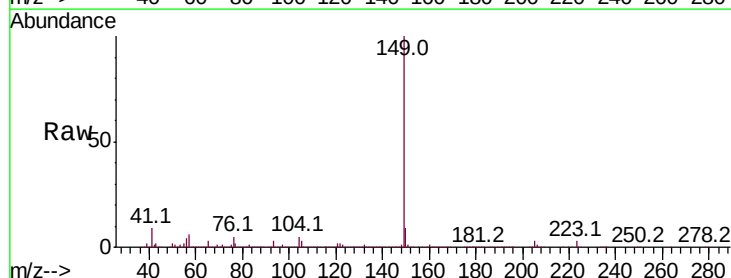
Instrument :
 BNA_G
 ClientSampleId :

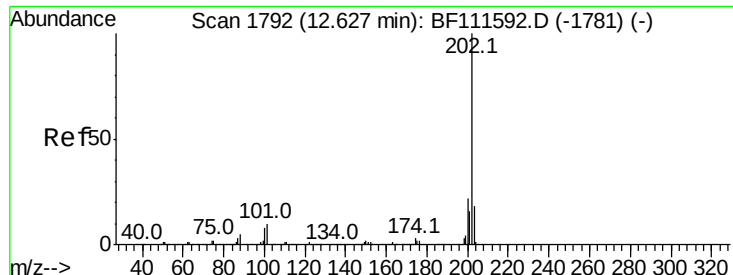
Tot Ion:167 Resp: 1080969
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.3 28.9
 139 12.8 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 44.931 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion:149 Resp: 1432603
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.8 13.2
 104 5.0 4.5 6.7





#75

Fluoranthene

Concen: 38.928 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

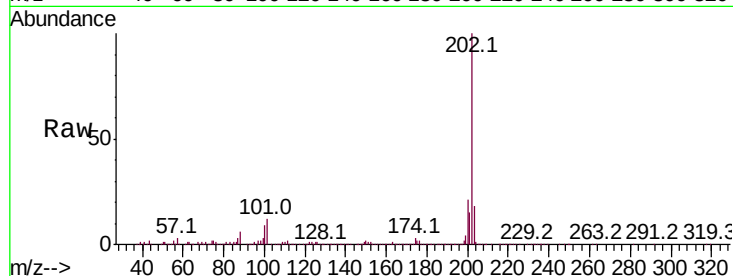
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1150359

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.8
203	17.9	0.0	38.6

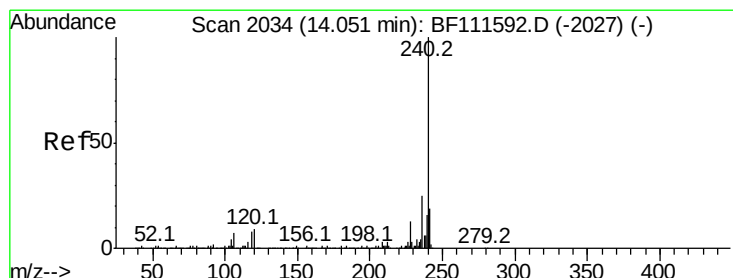
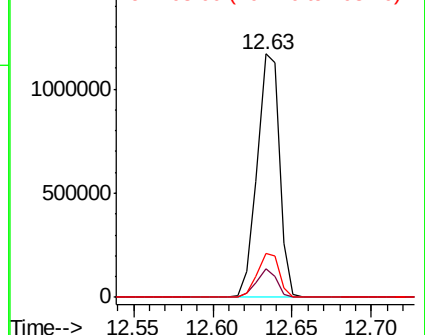
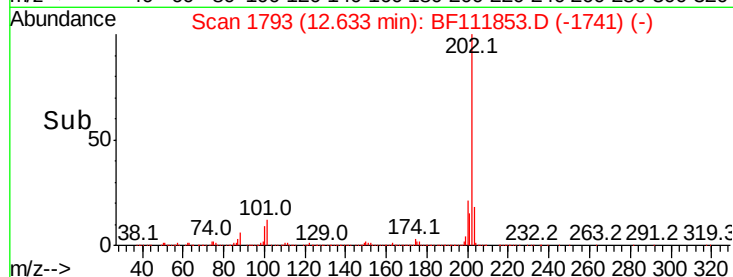


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

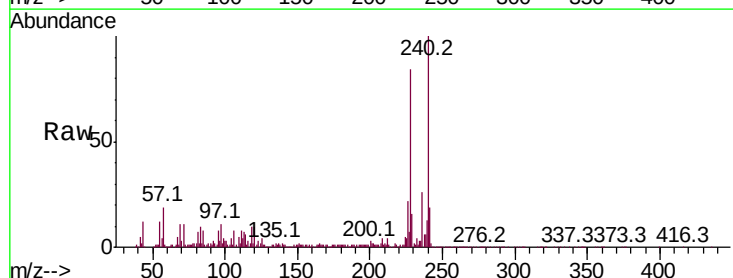
Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Tgt Ion:240 Resp: 355162

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.8	20.2	30.2

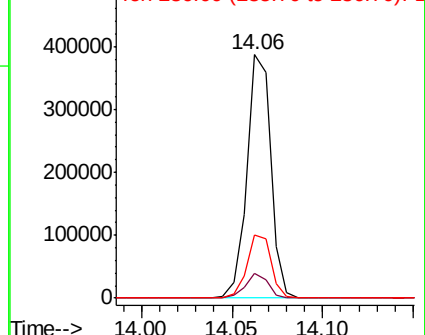
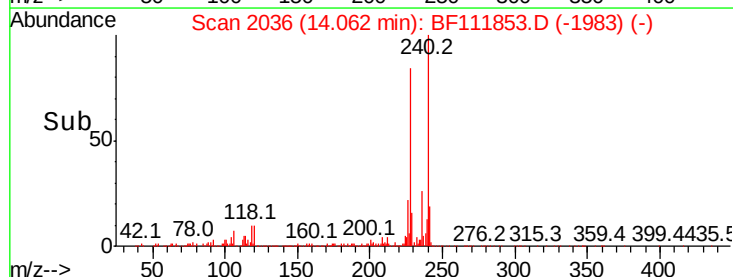


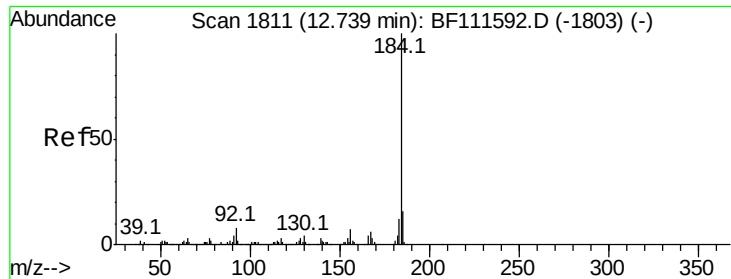
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

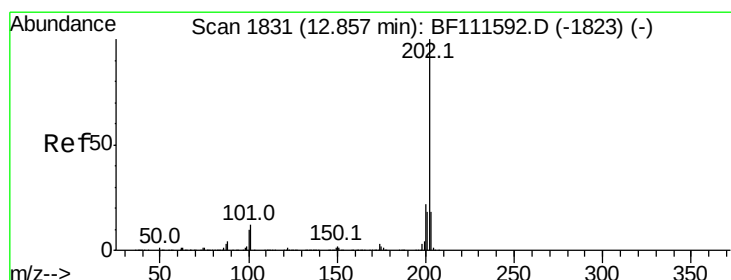
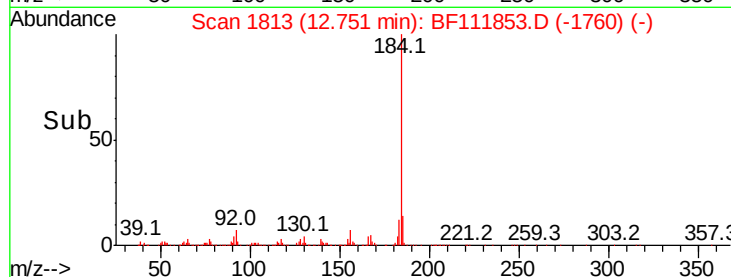
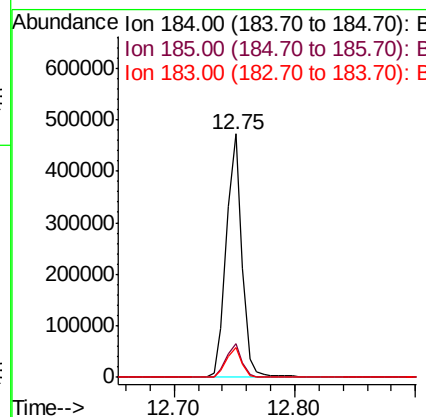
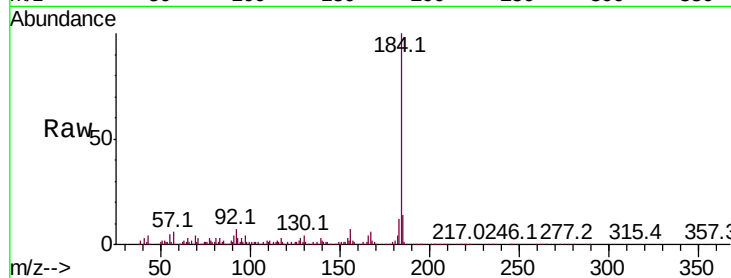




#77
Benzidine
Concen: 31.563 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

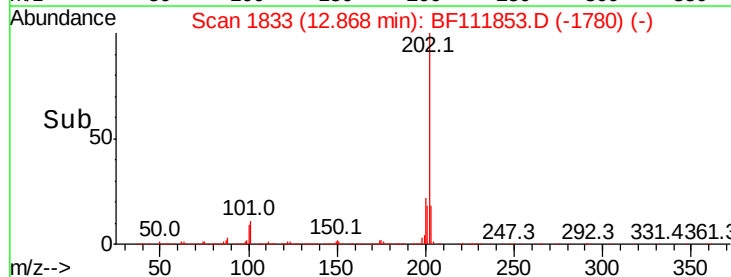
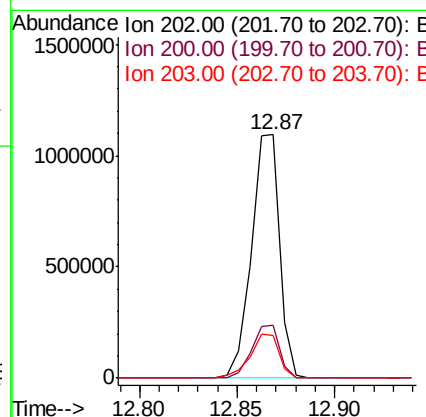
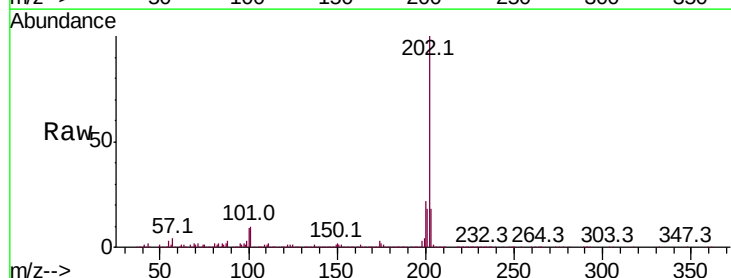
Instrument :
BNA_G
ClientSampleId :

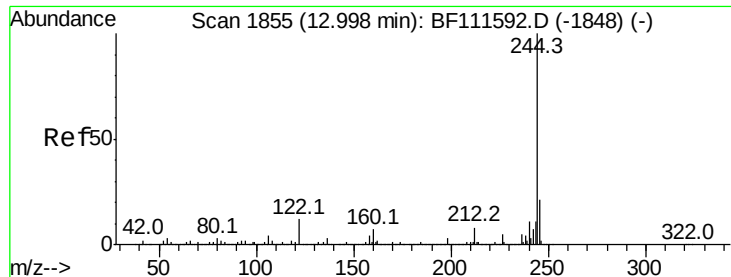
Tot Ion:184 Resp: 421820
Ion Ratio Lower Upper
184 100
185 14.0 13.0 19.6
183 12.2 9.3 13.9



#78
Pyrene
Concen: 43.497 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:202 Resp: 1090928
Ion Ratio Lower Upper
202 100
200 21.7 19.0 28.4
203 17.7 15.2 22.8





#79

Terphenyl-d14

Concen: 62.307 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

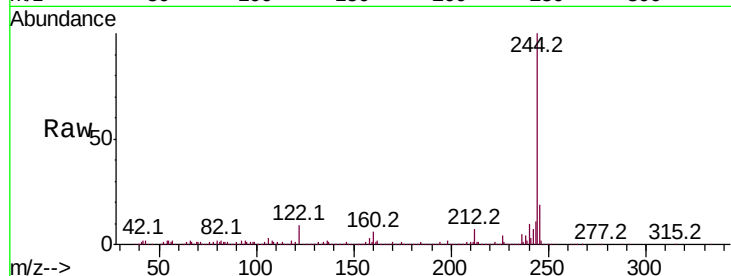
Tot Ion:244 Resp: 1166881

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

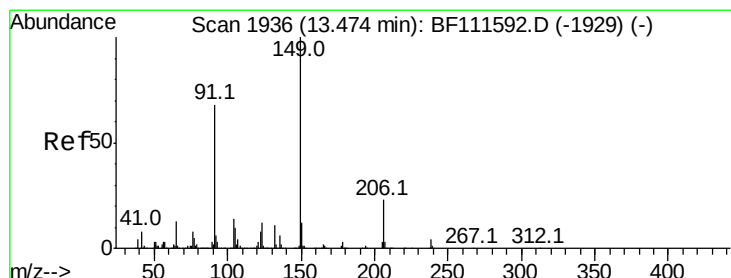
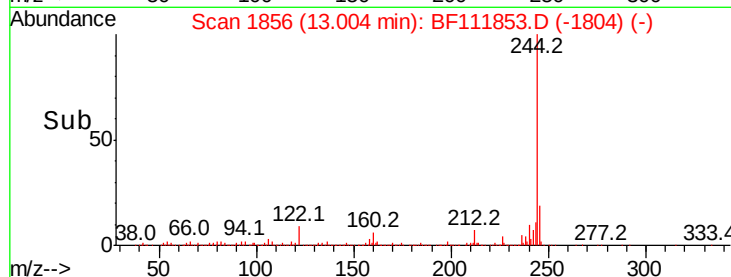
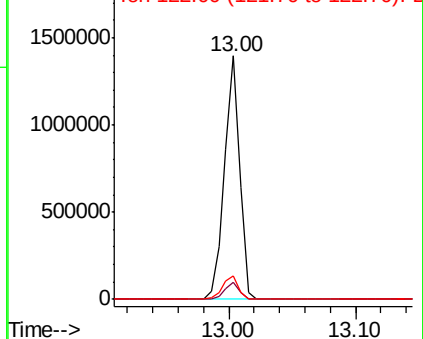
122 9.4 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.185 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

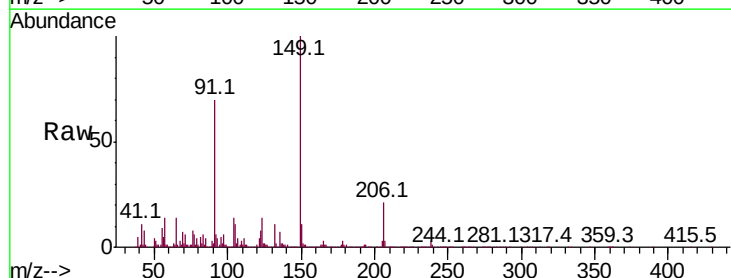
Tgt Ion:149 Resp: 400606

Ion Ratio Lower Upper

149 100

91 70.4 63.8 95.6

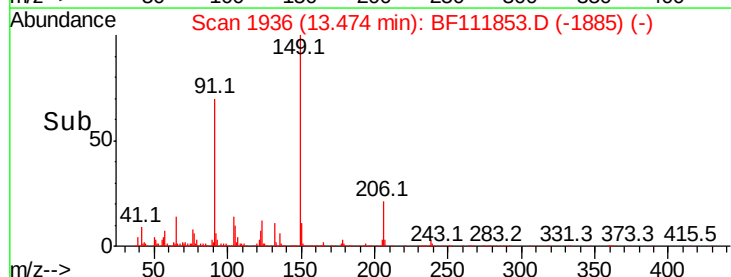
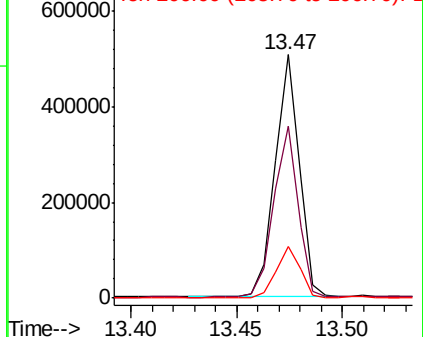
206 21.3 15.1 22.7

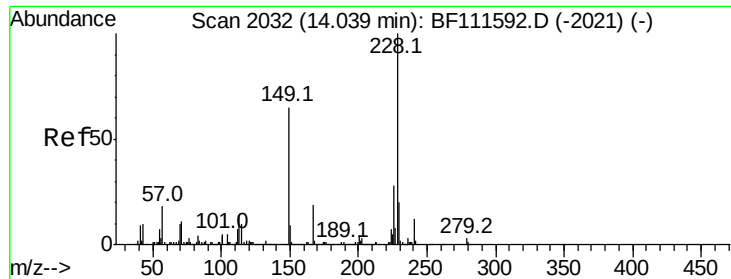


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.726 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

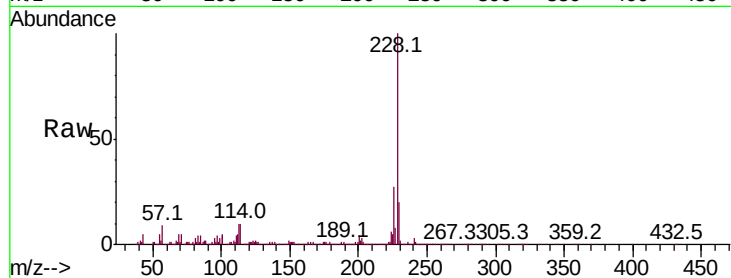
Tot Ion:228 Resp: 947093

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

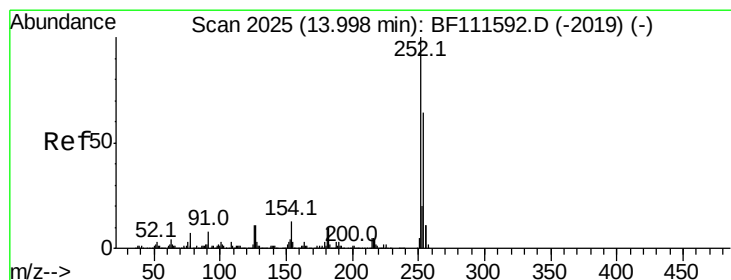
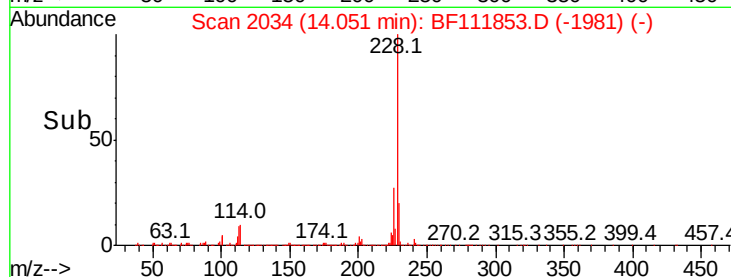
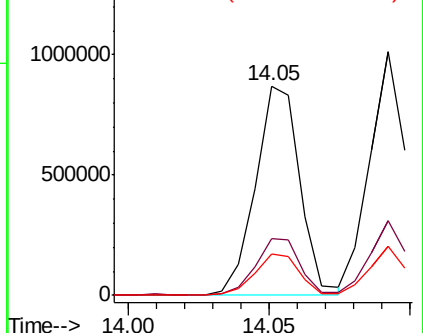
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.335 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

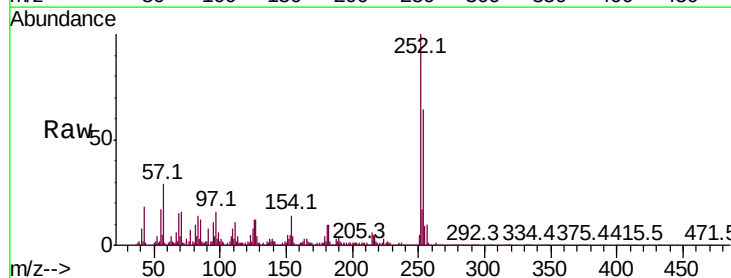
Tgt Ion:252 Resp: 250943

Ion Ratio Lower Upper

252 100

254 64.0 52.7 79.1

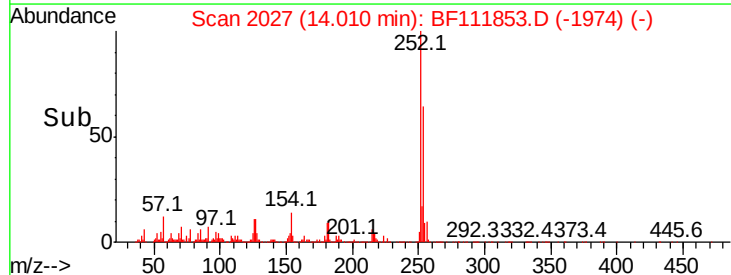
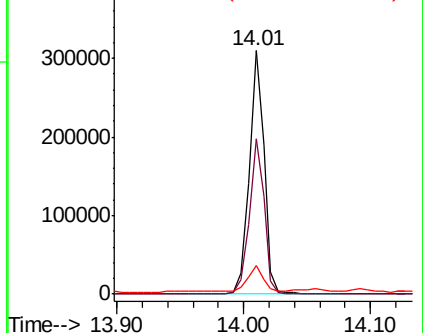
126 11.7 11.1 16.7

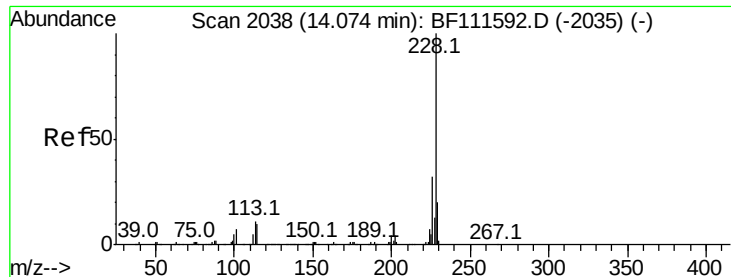


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

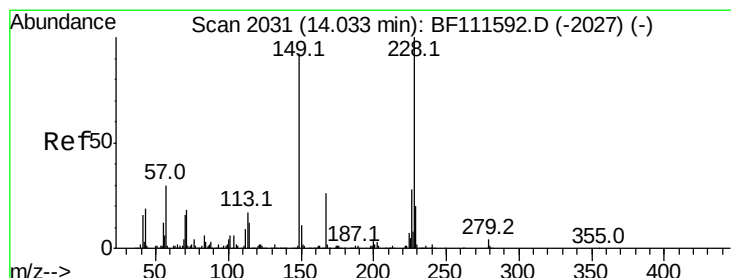
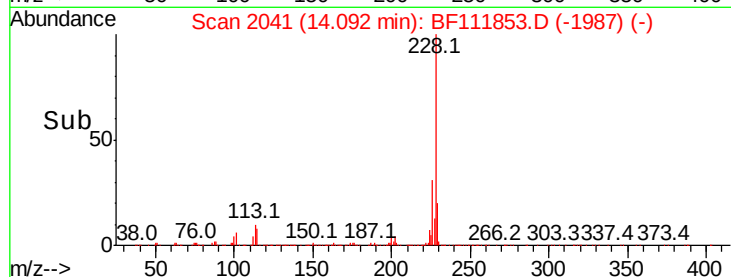
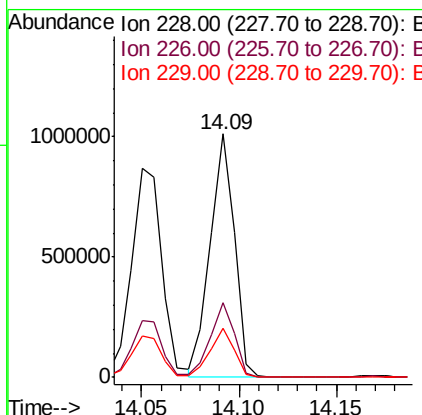
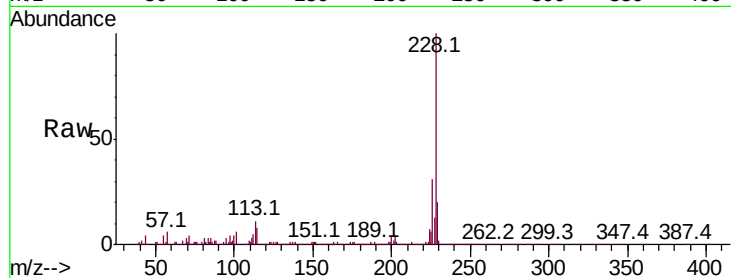




#83
 Chrysene
 Concen: 43.812 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

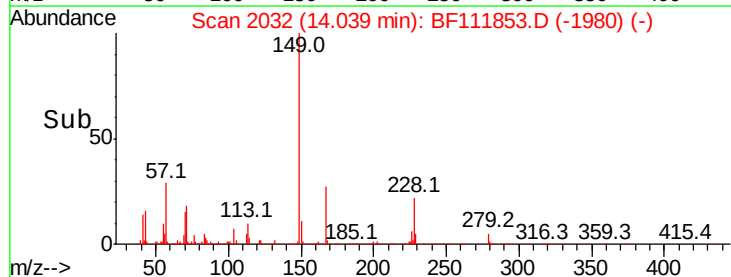
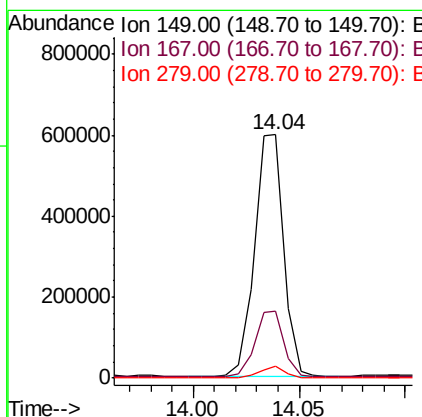
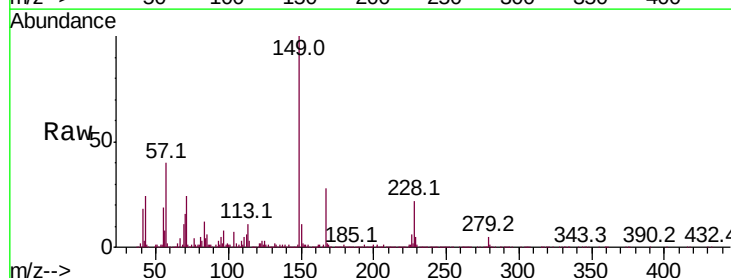
Instrument :
 BNA_G
 ClientSampleId :

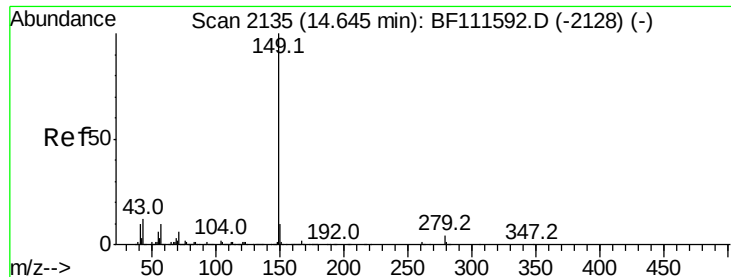
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.3	37.9
229	20.0	17.2	25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.253 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111853.D
 Acq: 4 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	4.8	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 50.542 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampled :

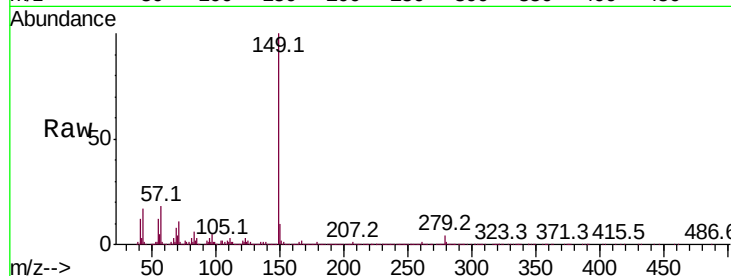
Tot Ion:149 Resp: 1008425

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

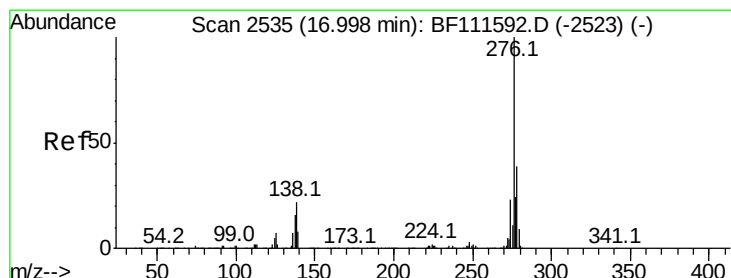
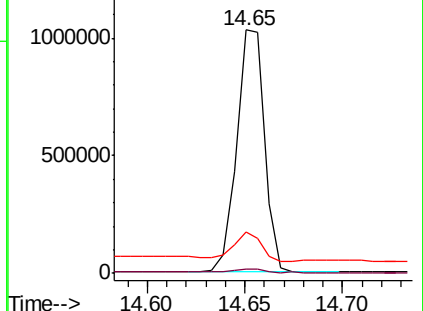
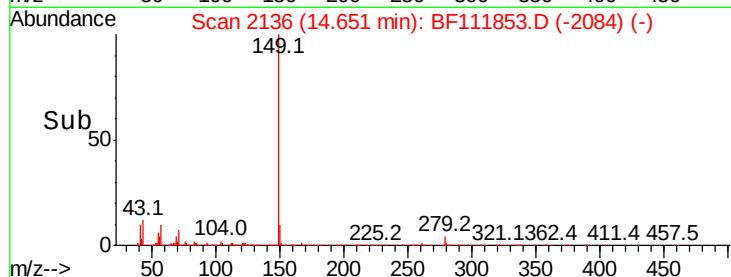
43 12.0 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.082 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.06 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

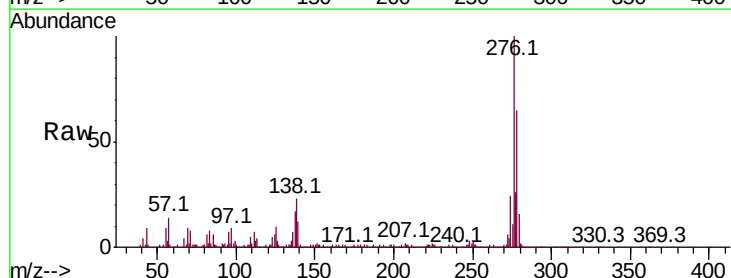
Tgt Ion:276 Resp: 797337

Ion Ratio Lower Upper

276 100

138 22.6 27.8 41.6#

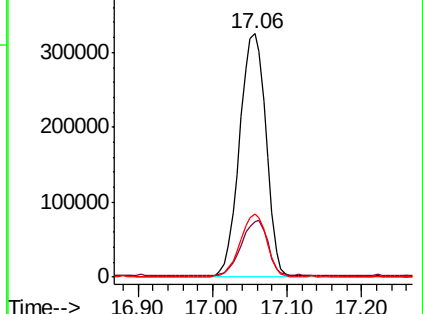
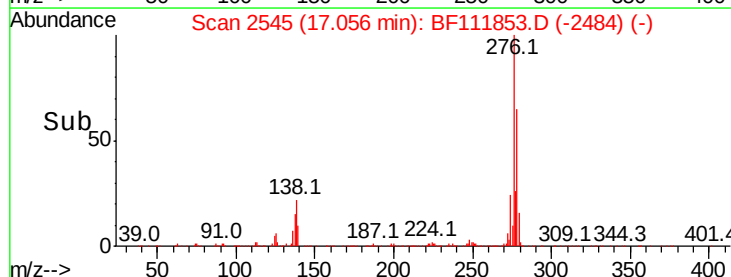
277 25.4 20.1 30.1

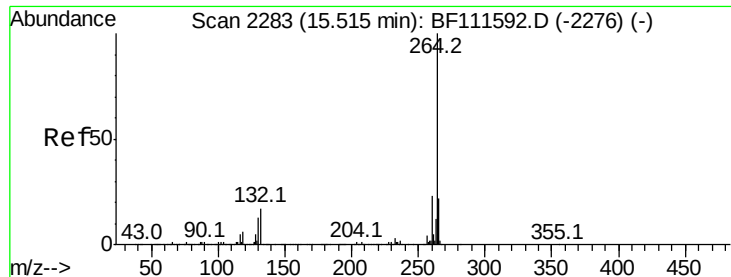


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

Instrument :

BNA_G

ClientSampleId :

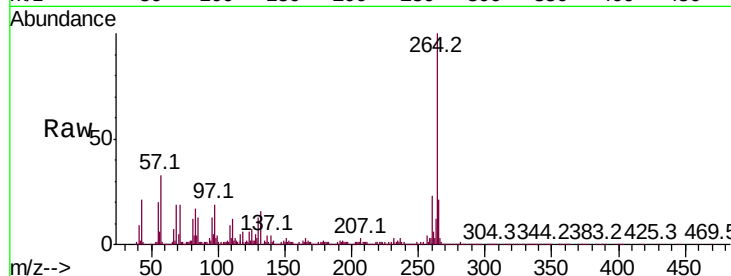
Tot Ion:264 Resp: 406592

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

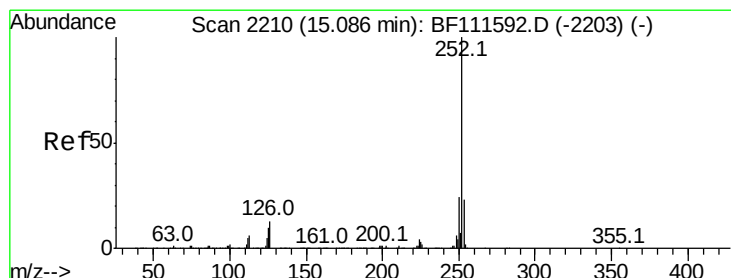
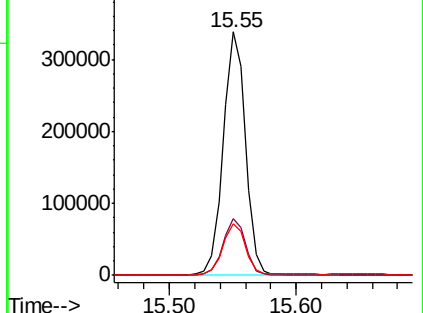
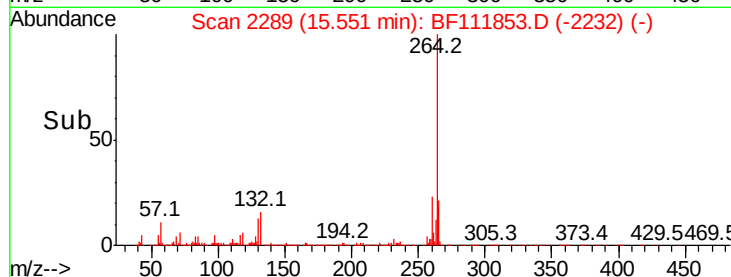
265 21.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.754 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.04 min

Lab File: BF111853.D

Acq: 4 Jan 2019 19:08

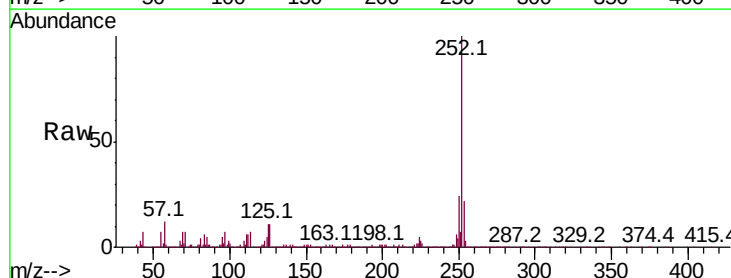
Tgt Ion:252 Resp: 920917

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

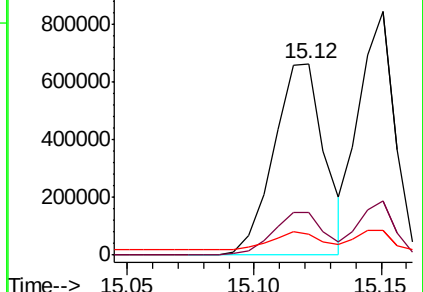
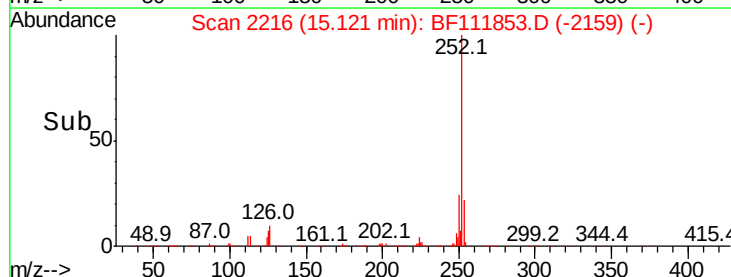
125 10.9 10.4 15.6

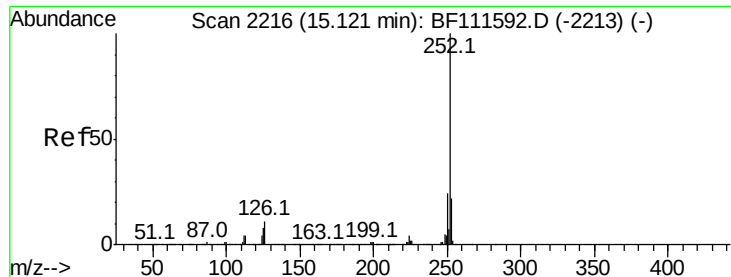


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

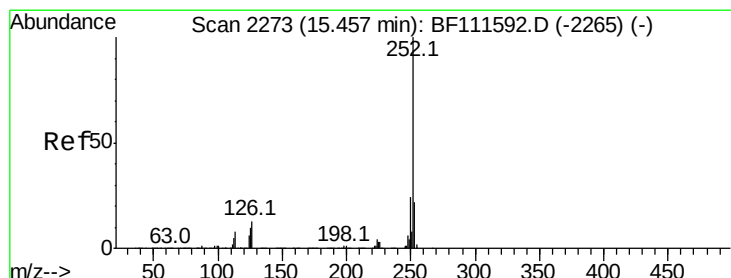
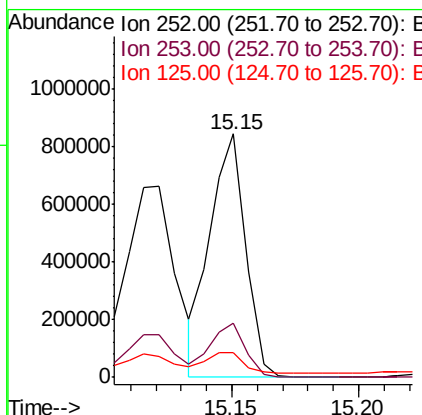
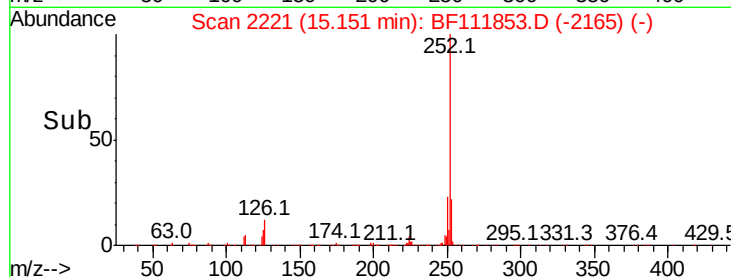
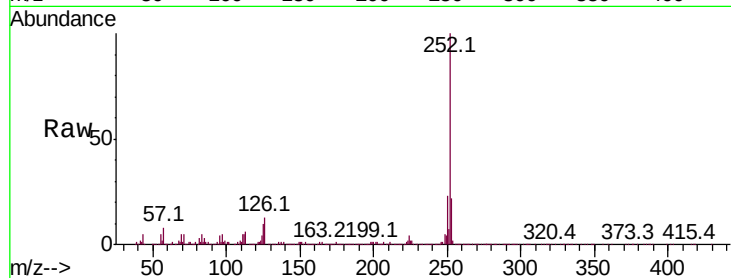




#89
Benzo(k)fluoranthene
Concen: 36.313 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

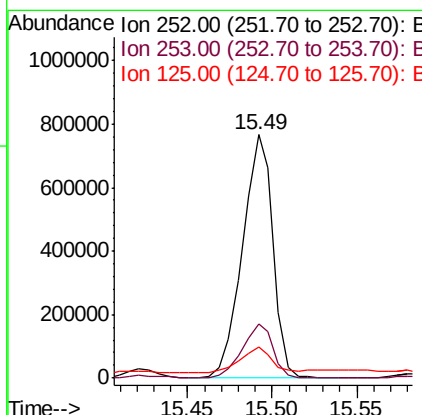
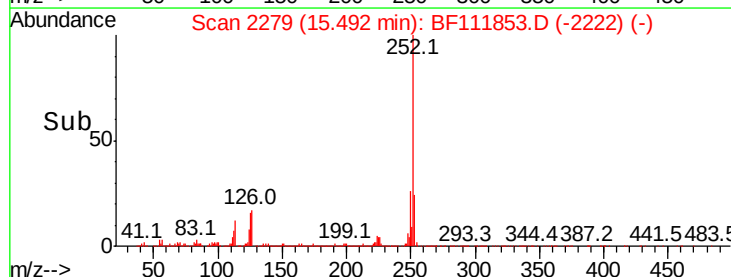
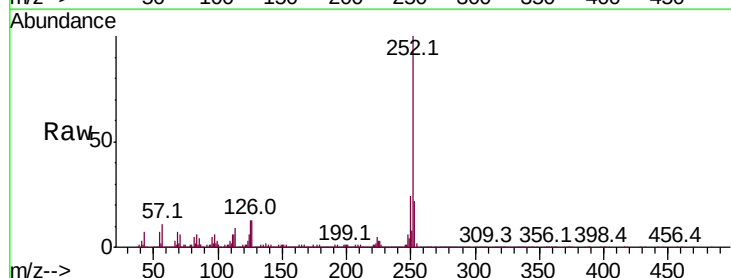
Instrument :
BNA_G
ClientSampleId :

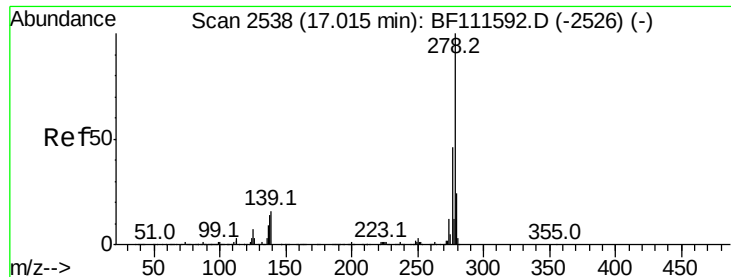
Tot Ion:252 Resp: 821513
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.0 9.8 14.8



#90
Benzo(a)pyrene
Concen: 44.481 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:252 Resp: 960290
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 13.0 12.3 18.5

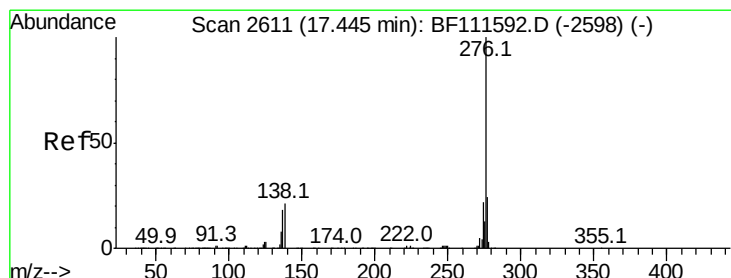
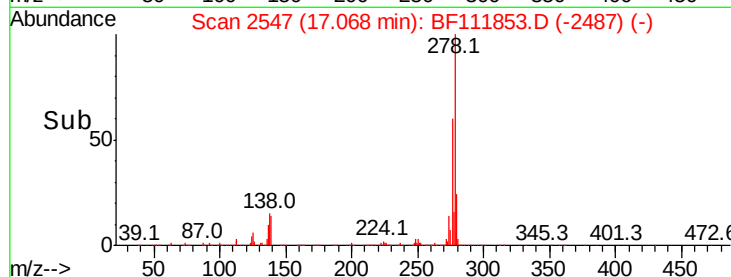
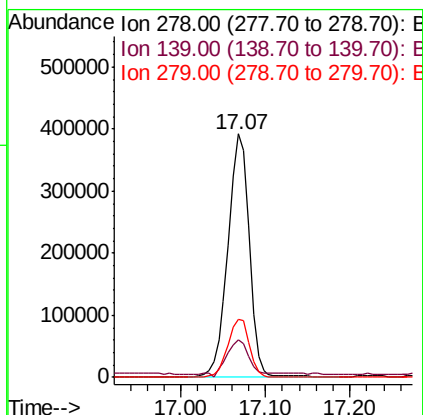
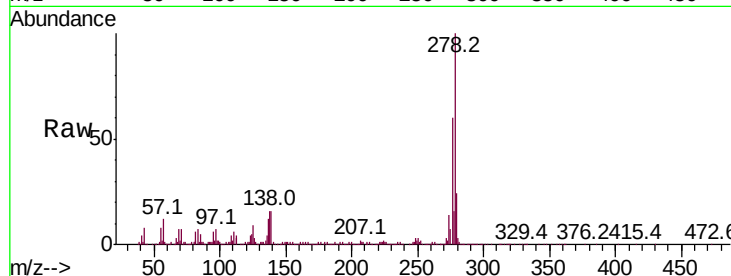




#91
Dibenzo(a,h)anthracene
Concen: 35.808 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 676944
Ion Ratio Lower Upper
278 100
139 15.5 18.2 27.4#
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 34.514 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.06 min
Lab File: BF111853.D
Acq: 4 Jan 2019 19:08

Tgt Ion:276 Resp: 637117
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 18.6 24.9 37.3#

