

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103611.D
 Acq On : 13 Mar 2018 18:21
 Operator : SJ/JU
 Sample : J1898-13MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 22:05:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138531	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	599300	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	277961	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	489215	20.00	ng	0.00
75) Chrysene-d12	14.06	240	278195	20.00	ng	0.00
86) Perylene-d12	15.56	264	254095	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1513443	165.23	ng	0.00
7) Phenol-d6	6.51	99	1693513	151.10	ng	0.00
23) Nitrobenzene-d5	7.43	82	1146922	109.29	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	316564	134.55	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1532981	98.67	ng	0.00
78) Terphenyl-d14	12.99	244	1346888	116.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	143976	29.761	ng	93
3) Pyridine	3.51	79	60820	4.709	ng	97
4) n-Nitrosodimethylamine	3.42	42	157938	30.322	ng	86
6) Aniline	6.54	93	501472	31.002	ng	# 75
8) 2-Chlorophenol	6.65	128	415127	43.628	ng	92
9) Benzaldehyde	6.43	77	182599	23.867	ng	97
10) Phenol	6.52	94	519334	39.914	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	382852	38.769	ng	94
12) 1,3-Dichlorobenzene	6.80	146	424057	38.998	ng	97
13) 1,4-Dichlorobenzene	6.87	146	461507	42.333	ng	99
14) 1,2-Dichlorobenzene	7.03	146	399777	39.769	ng	98
15) Benzyl Alcohol	7.02	79	342116	40.507	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	679312	40.059	ng	51
17) 2-Methylphenol	7.12	107	365581	42.278	ng	# 78
18) Hexachloroethane	7.36	117	150954	38.036	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	328008	47.023	ng	93
20) 3+4-Methylphenols	7.28	107	481082	45.640	ng	# 50
22) Acetophenone	7.27	105	618618	44.223	ng	# 90
24) Nitrobenzene	7.45	77	480880	41.620	ng	96
25) Isophorone	7.68	82	941385	45.548	ng	97
26) 2-Nitrophenol	7.76	139	243851	44.832	ng	91
27) 2,4-Dimethylphenol	7.80	122	406863	48.937	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	563279	46.354	ng	98
29) 2,4-Dichlorophenol	8.02	162	376173	47.259	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	335718	39.606	ng	99
31) Naphthalene	8.16	128	1269265	43.260	ng	100
32) Benzoic acid	7.95	122	115778	22.981	ng	94
33) 4-Chloroaniline	8.23	127	323269	25.532	ng	96
34) Hexachlorobutadiene	8.26	225	160369	36.332	ng	99
35) Caprolactam	8.61	113	62543	22.356	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	436185	48.583	ng	98
37) 2-Methylnaphthalene	8.85	142	810230	42.729	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	306909	40.389	ng	99
40) Hexachlorocyclopentadiene	9.00	237	53740	26.718	ng	95

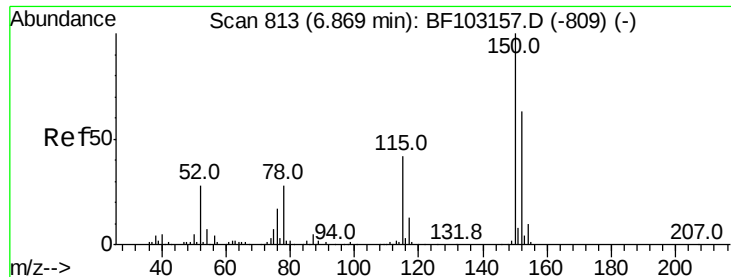
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103611.D
 Acq On : 13 Mar 2018 18:21
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	214190	41.890	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	214160	36.417	nq	96
45) 1,1'-Biphenyl	9.32	154	923354	39.643	nq	99
46) 2-Chloronaphthalene	9.35	162	752449	40.834	nq	99
47) 2-Nitroaniline	9.46	65	322890	47.305	nq	88
48) Acenaphthylene	9.76	152	1102105	38.873	nq	99
49) Dimethylphthalate	9.62	163	935612	41.959	nq	100
50) 2,6-Dinitrotoluene	9.70	165	193382	41.326	nq #	77
51) Acenaphthene	9.93	154	652195	39.450	nq	99
52) 3-Nitroaniline	9.88	138	168069	28.309	nq	99
53) 2,4-Dinitrophenol	10.00	184	87127	54.969	nq #	20
54) Dibenzofuran	10.11	168	933946	41.153	nq	94
55) 4-Nitrophenol	10.06	139	178850	48.607	nq #	83
56) 2,4-Dinitrotoluene	10.12	165	245838	41.539	nq #	82
57) Fluorene	10.45	166	776333	40.157	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	168887	42.750	nq #	97
59) Diethylphthalate	10.32	149	893916	41.915	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	345505	42.144	nq	99
61) 4-Nitroaniline	10.50	138	219021	36.935	nq	99
62) Azobenzene	10.60	77	974108	44.873	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	81495	29.503	nq	92
65) n-Nitrosodiphenylamine	10.56	169	702710	41.254	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	202300	39.697	nq	98
67) Hexachlorobenzene	11.00	284	208700	37.730	nq	99
68) Atrazine	11.09	200	212695	41.544	nq	99
69) Pentachlorophenol	11.21	266	153388	57.352	nq	99
70) Phenanthrene	11.42	178	1064923	39.554	nq	99
71) Anthracene	11.47	178	1167590	42.292	nq	100
72) Carbazole	11.64	167	1159949	42.191	nq	99
73) Di-n-butylphthalate	11.94	149	1426079	41.454	nq	100
74) Fluoranthene	12.62	202	1044606	38.611	nq	98
76) Benzidine	12.75	184	591800	56.902	nq	97
77) Pyrene	12.85	202	1026319	47.318	nq	99
79) Butylbenzylphthalate	13.45	149	584659	51.019	nq	94
80) Benzo(a)anthracene	14.05	228	724146	40.118	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	240597	37.349	nq	99
82) Chrysene	14.09	228	743164	42.403	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	708149	45.792	nq #	99
84) Di-n-octyl phthalate	14.62	149	1214606	48.612	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	656814	47.337	nq	98
87) Benzo(b)fluoranthene	15.12	252	606443	36.300	nq	98
88) Benzo(k)fluoranthene	15.15	252	685606	43.581	nq	99
89) Benzo(a)pyrene	15.50	252	620112	41.565	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	551388	47.830	nq	98
91) Benzo(g,h,i)perylene	17.59	276	551432	48.943	nq	97

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

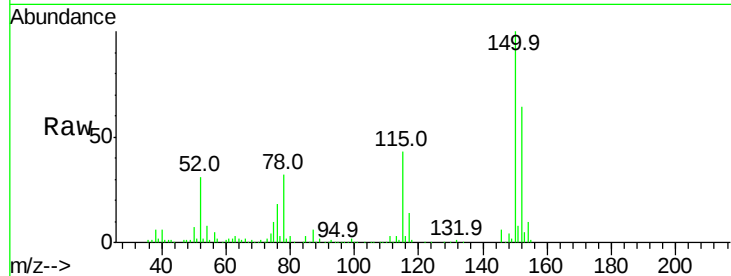


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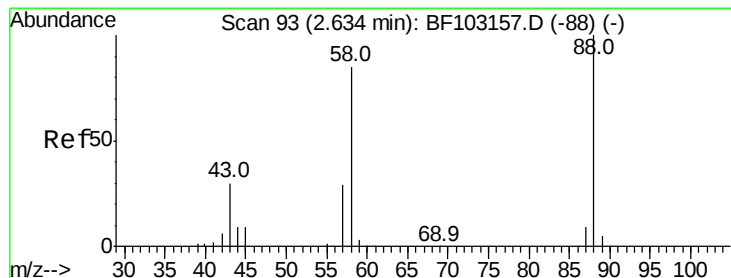
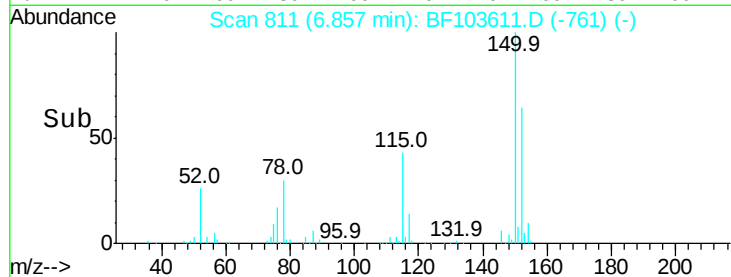
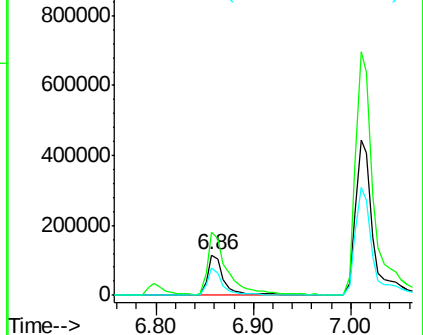
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138531
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 67.2 50.1 75.1



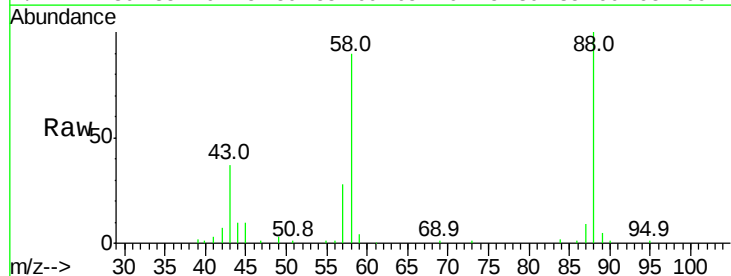
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



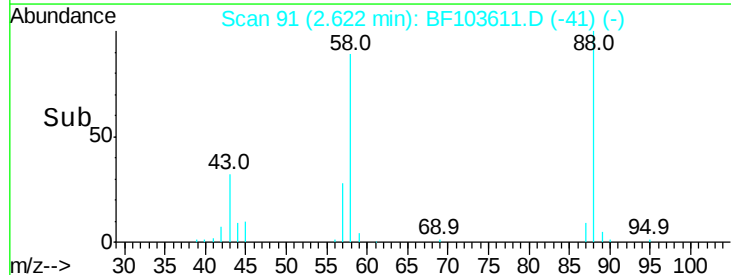
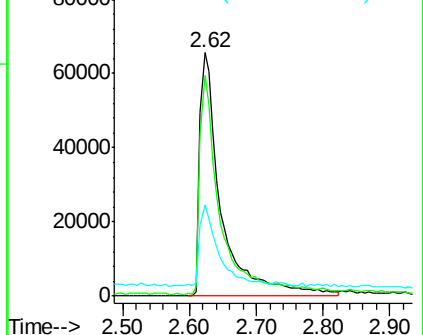
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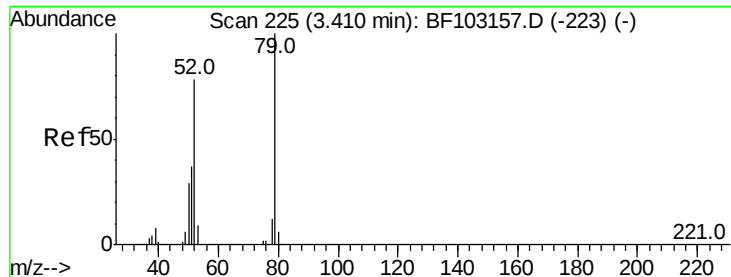
1,4-Dioxane
Concen: 29.761 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion: 88 Resp: 143976
Ion Ratio Lower Upper
88 100
58 84.6 62.6 93.8
43 27.8 24.6 37.0



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

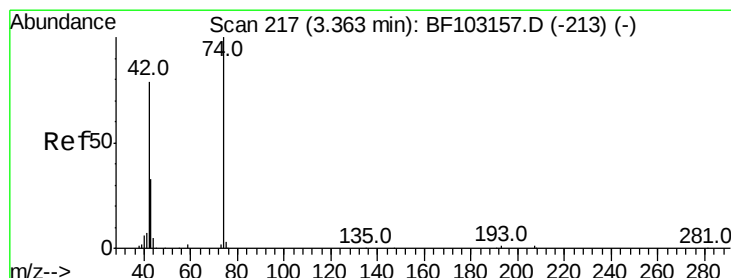
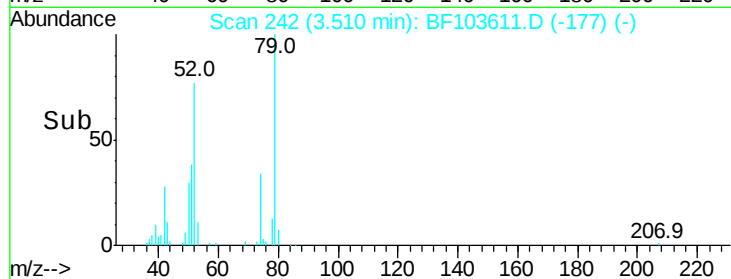
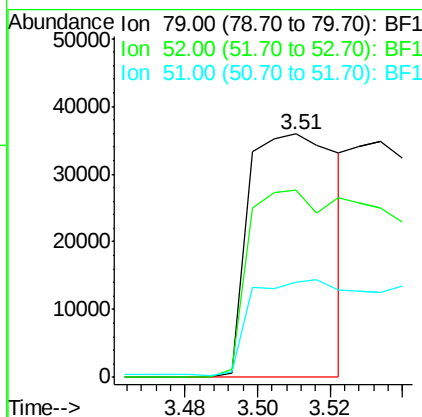
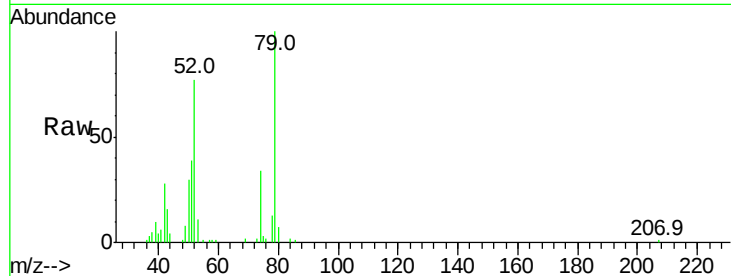




#3
 Pvridine
 Concen: 4.709 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.08 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

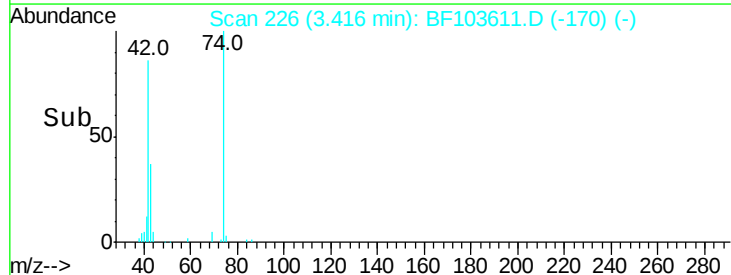
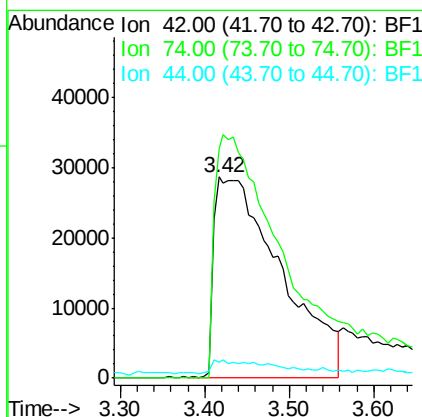
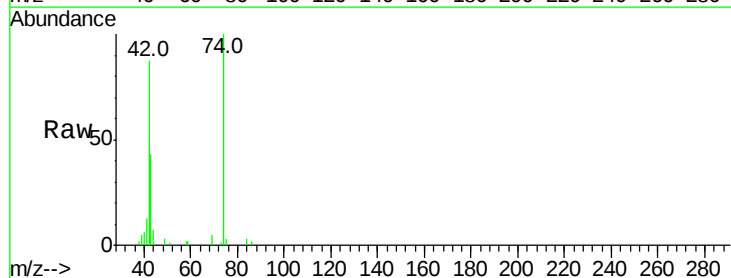
Instrument :
 BNA_F
 ClientSampled :

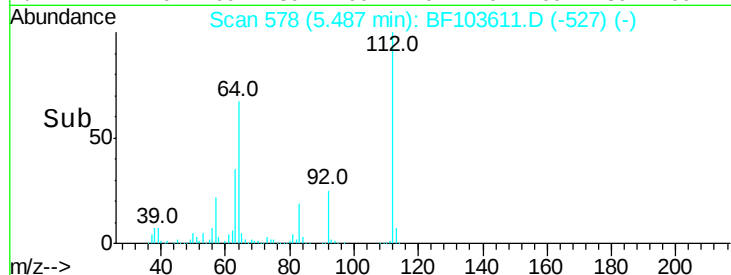
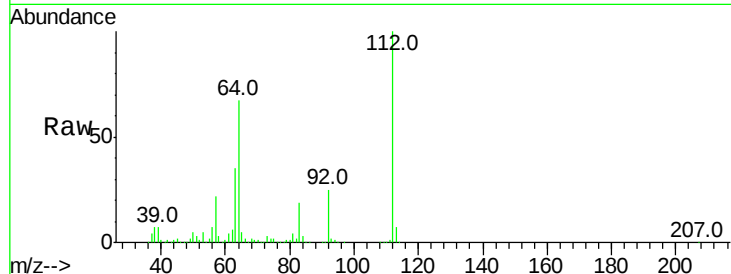
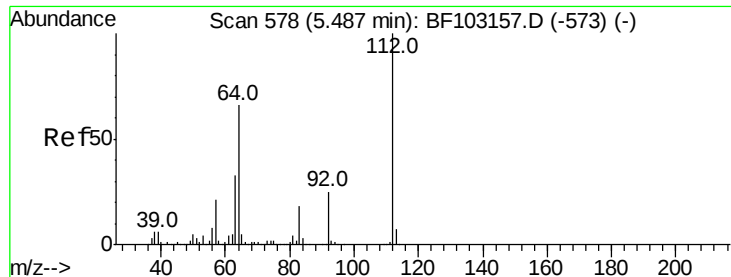
Tot Ion: 79 Resp: 60820
 Ion Ratio Lower Upper
 79 100
 52 77.0 59.8 89.6
 51 38.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 30.322 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.03 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion: 42 Resp: 157938
 Ion Ratio Lower Upper
 42 100
 74 114.3 104.9 157.3
 44 8.0 6.9 10.3

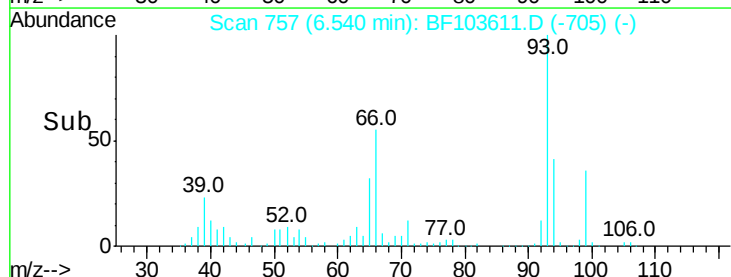
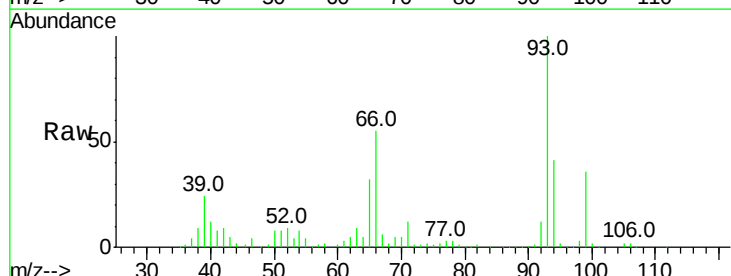
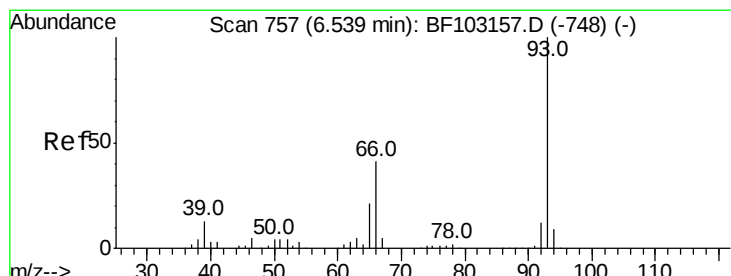
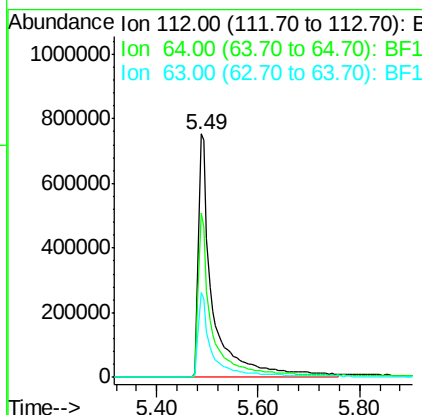




#5
2-Fluorophenol
Concen: 165.232 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

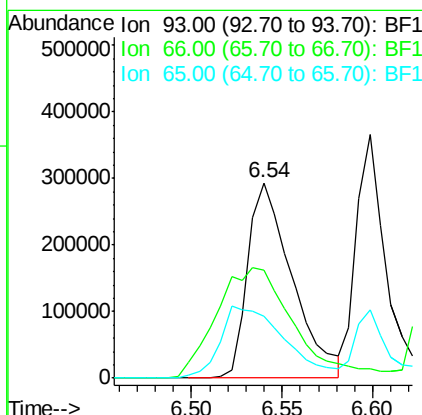
Instrument :
BNA_F
ClientSampleId :

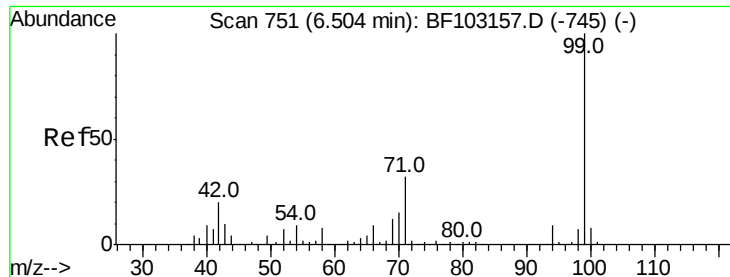
Tot Ion:112 Resp: 1513443
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 34.7 23.7 35.5



#6
Aniline
Concen: 31.002 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion: 93 Resp: 501472
Ion Ratio Lower Upper
93 100
66 55.4 32.2 48.2#
65 32.0 16.4 24.6#





#7

Phenol-d6

Concen: 151.098 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

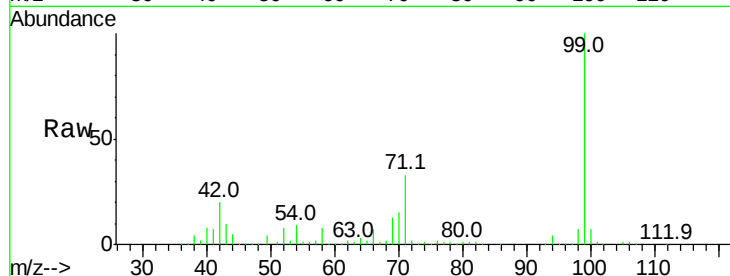
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1693513

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.3	25.4	38.0

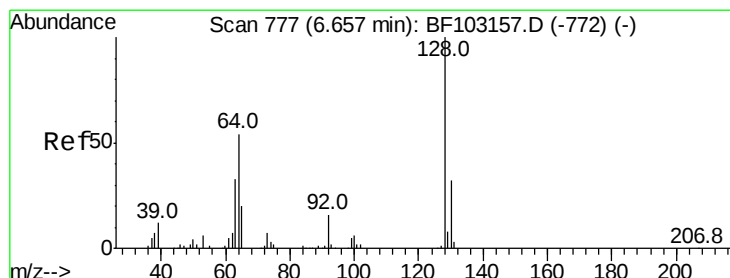
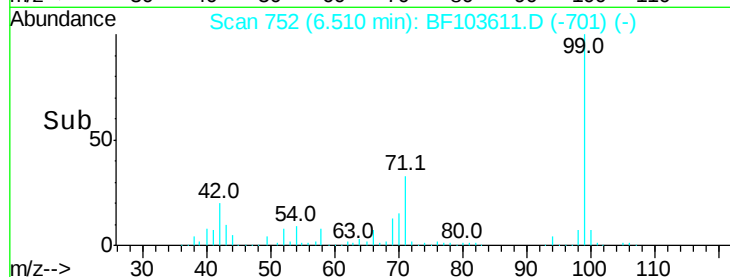
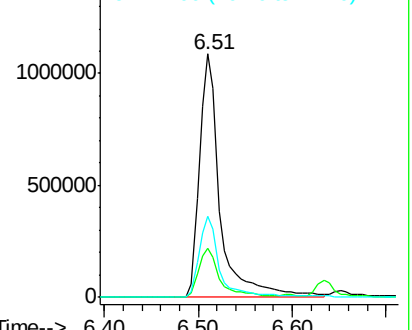


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.628 ng

RT: 6.65 min Scan# 776

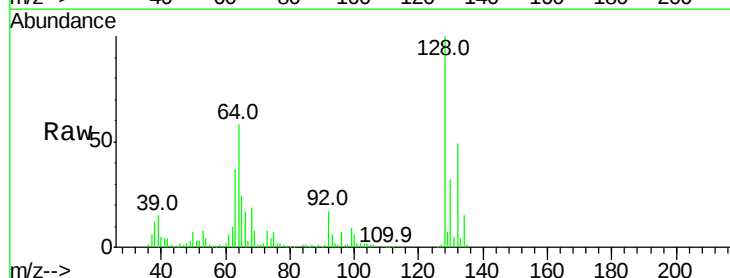
Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion: 128 Resp: 415127

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	57.6	29.4	69.4

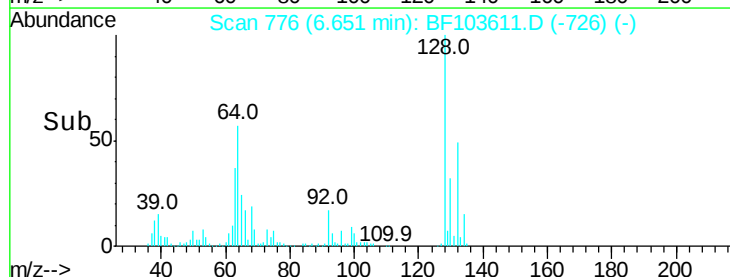
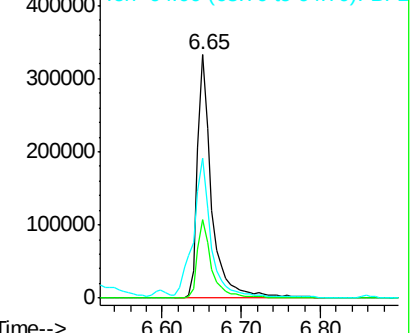


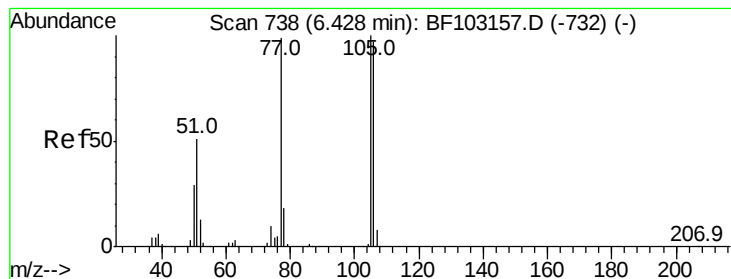
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.867 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampleId :

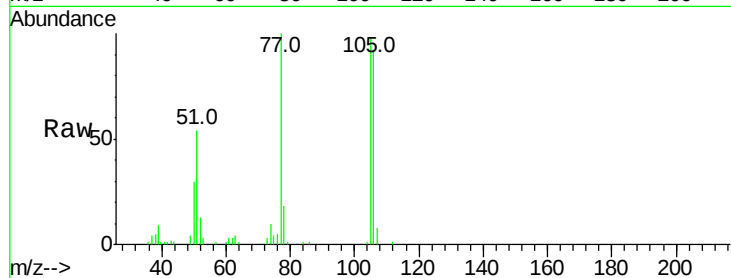
Tot Ion: 77 Resp: 182599

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

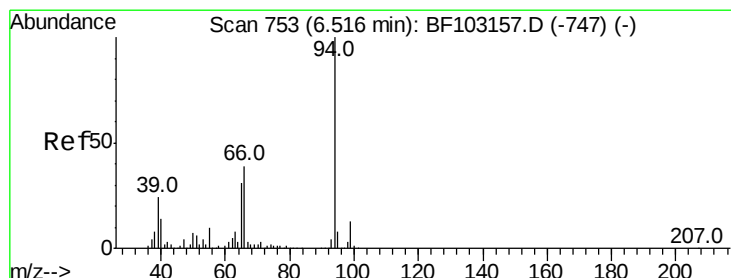
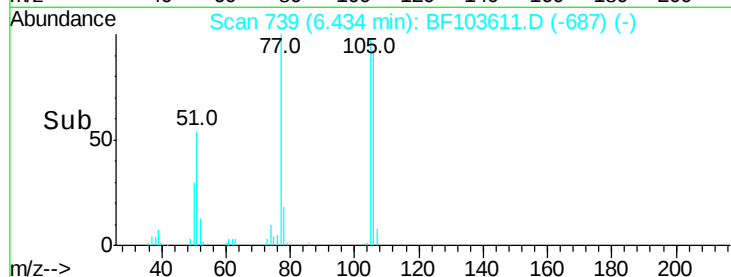
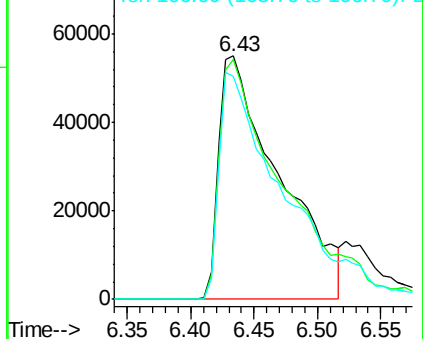
106 91.8 74.5 114.5



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: 39.914 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

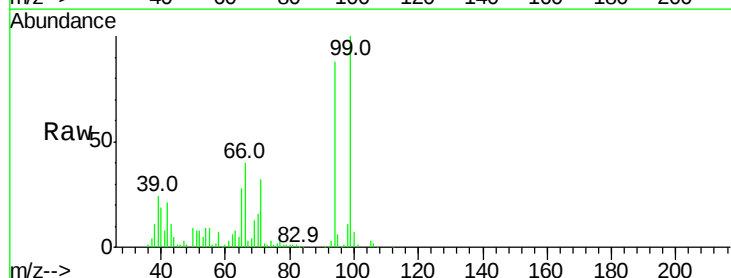
Tgt Ion: 94 Resp: 519334

Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

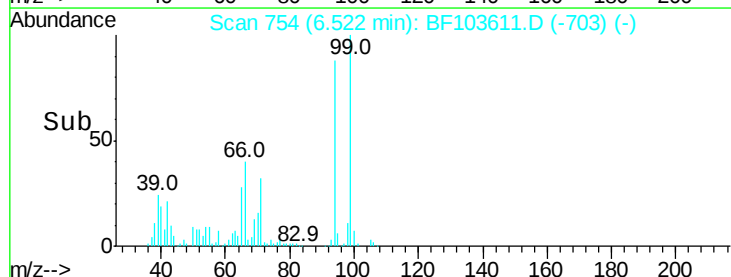
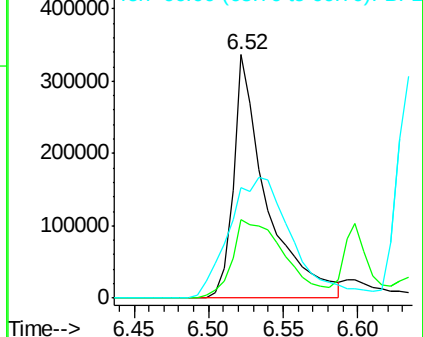
66 45.2 16.2 56.2

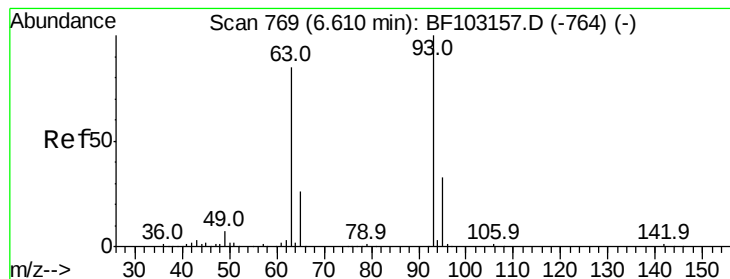


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.769 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

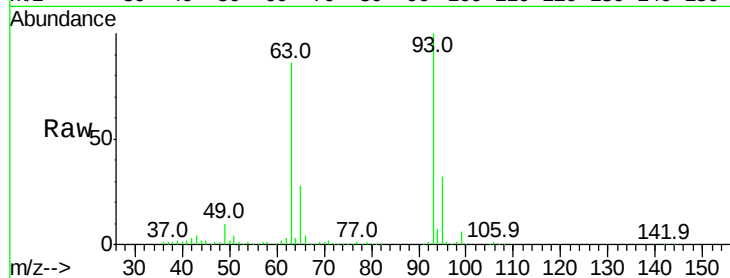
Tot Ion: 93 Resp: 382852

Ion Ratio Lower Upper

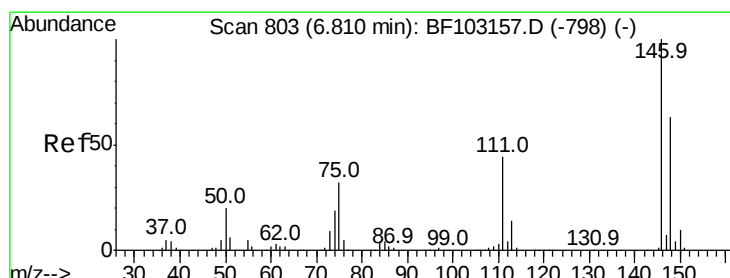
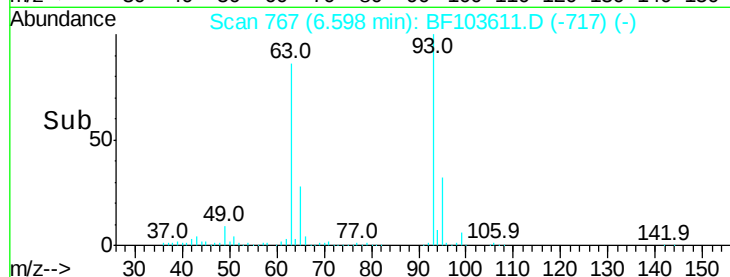
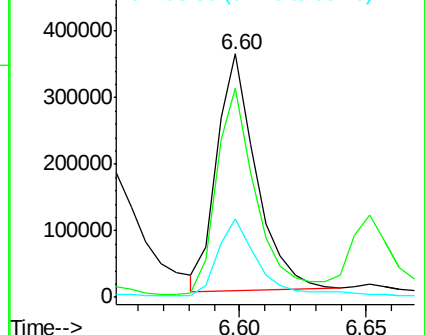
93 100

63 85.9 58.6 98.6

95 32.1 11.8 51.8



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: 38.998 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

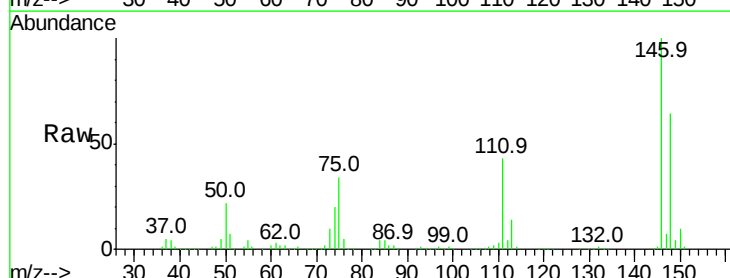
Tgt Ion: 146 Resp: 424057

Ion Ratio Lower Upper

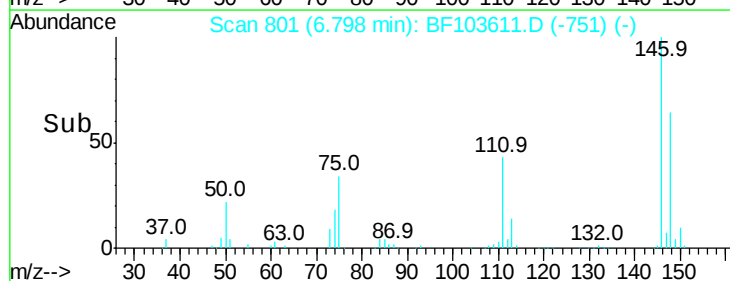
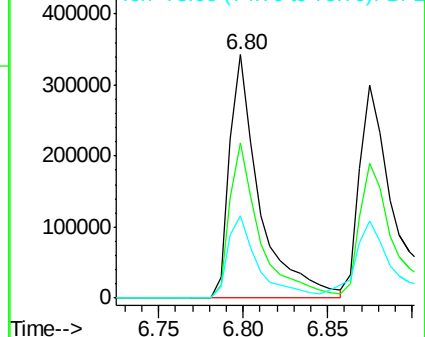
146 100

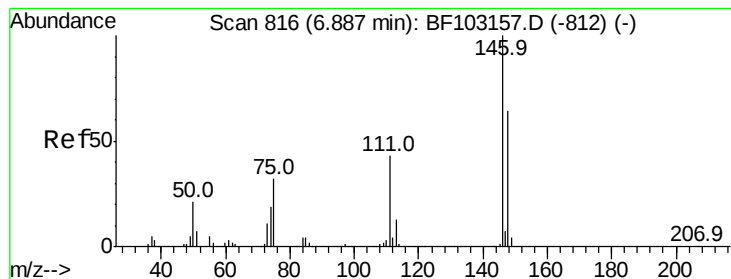
148 63.6 51.8 77.8

75 33.9 24.2 36.4



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: 42.333 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

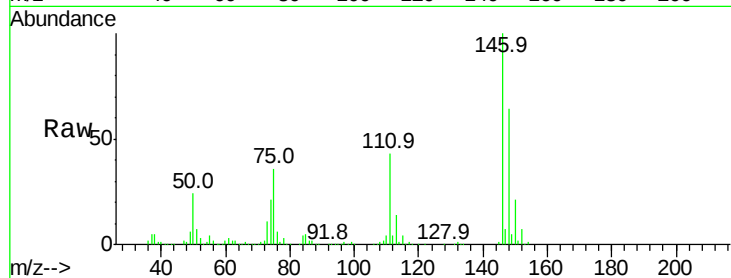
Tot Ion:146 Resp: 461507

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

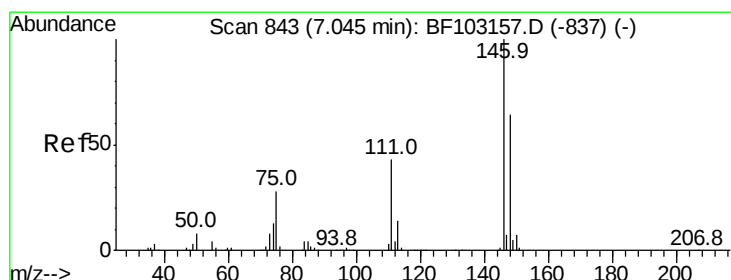
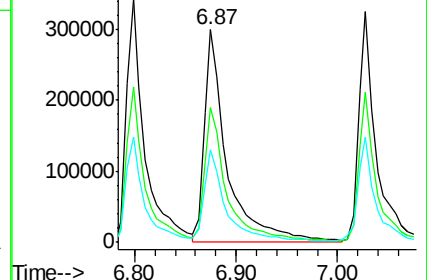
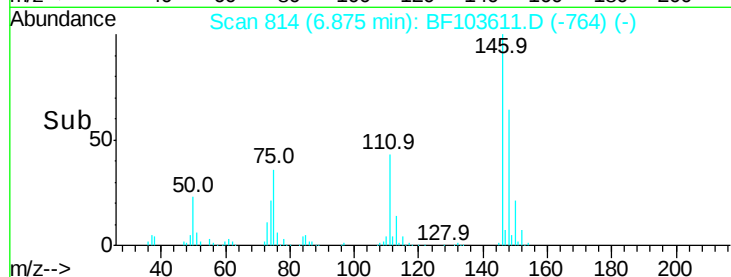
111 43.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.769 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

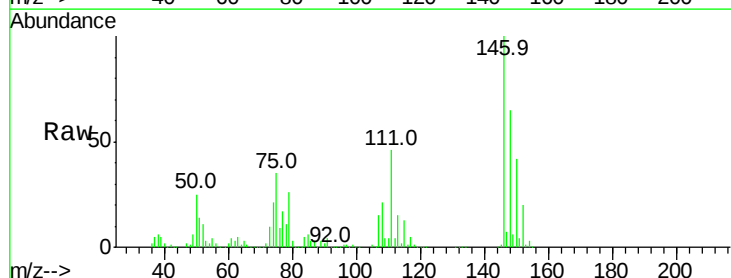
Tgt Ion:146 Resp: 399777

Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

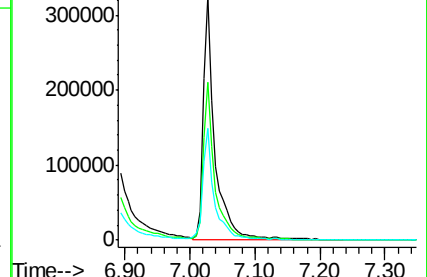
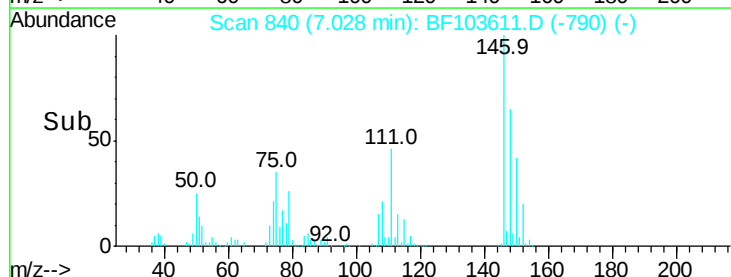
111 45.8 36.0 54.0

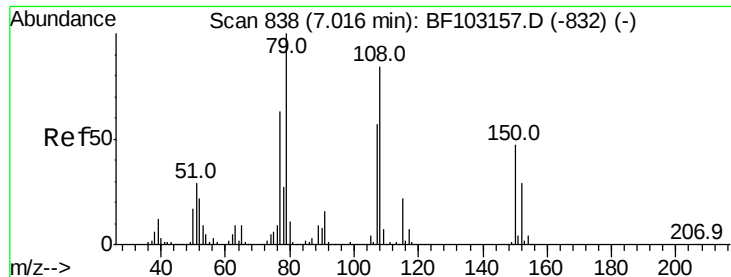


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.507 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

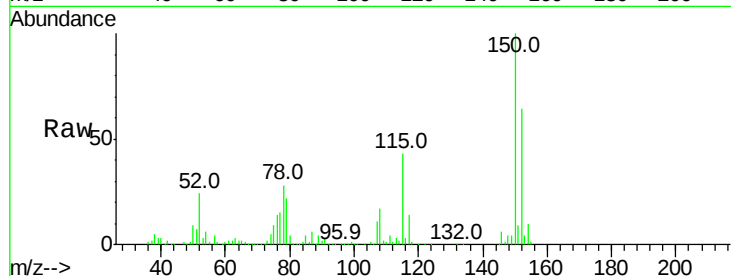
Tot Ion: 79 Resp: 342116

Ion Ratio Lower Upper

79 100

108 76.7 65.1 97.7

77 66.7 50.6 75.8

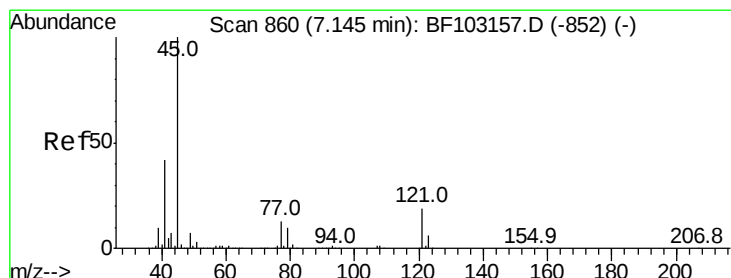
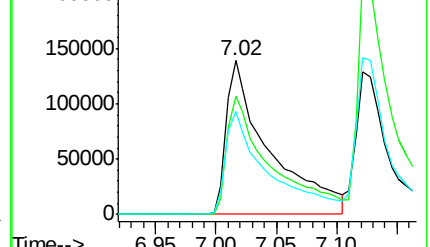
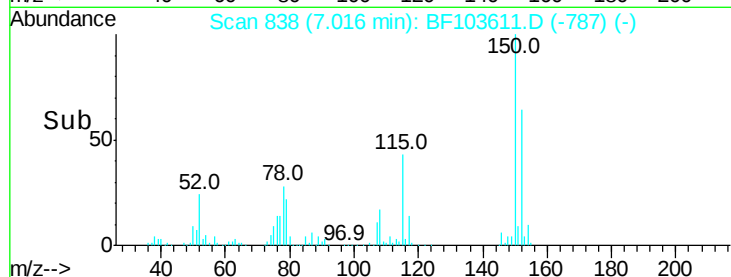


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.059 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

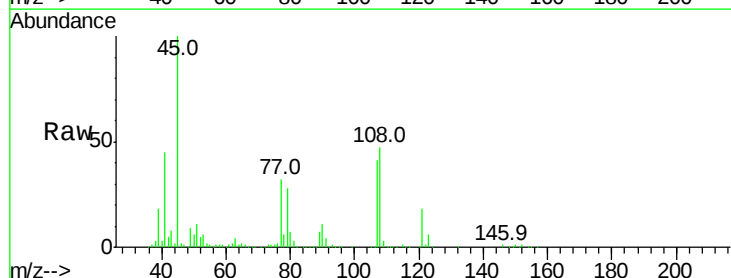
Tgt Ion: 45 Resp: 679312

Ion Ratio Lower Upper

45 100

77 31.7 0.0 32.9

79 28.3 0.0 29.6

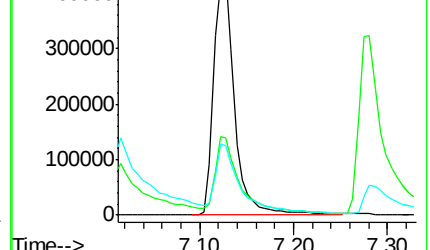
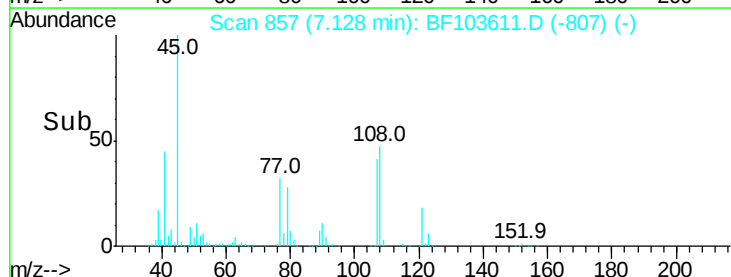


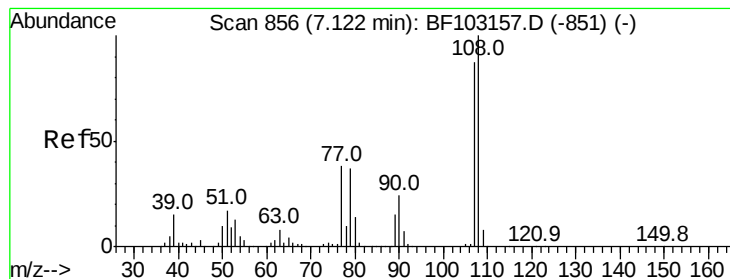
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#17

2-Methylphenol

Concen: 42.278 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 365581

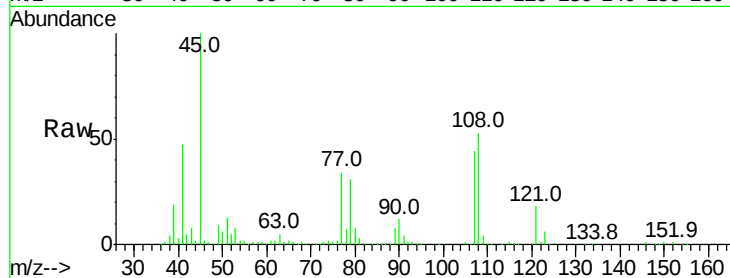
Ion Ratio Lower Upper

107 100

108 118.1 91.7 137.5

77 75.8 33.8 50.8#

79 68.9 33.8 50.8#

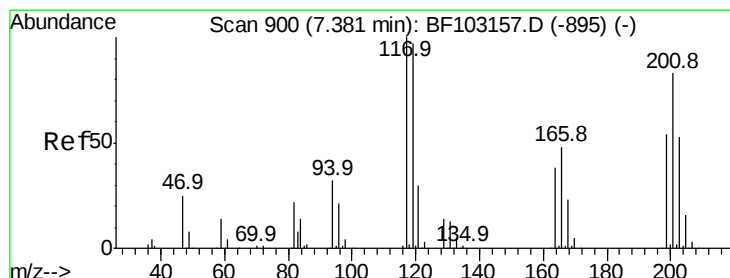
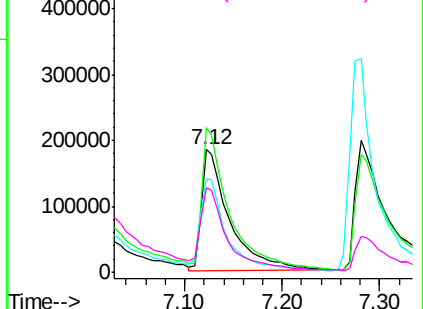
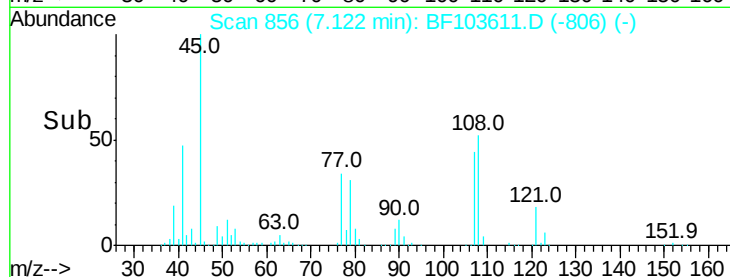


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 38.036 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

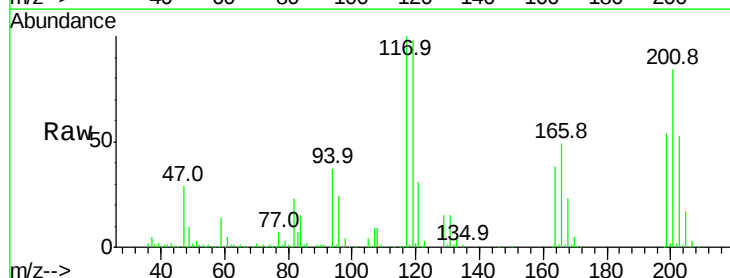
Tgt Ion:117 Resp: 150954

Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.8

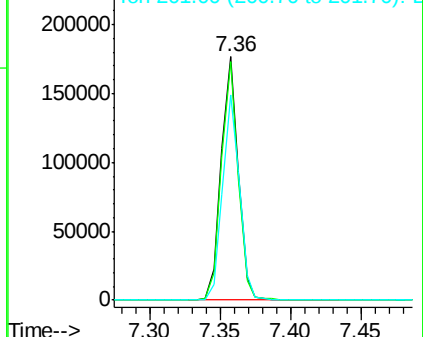
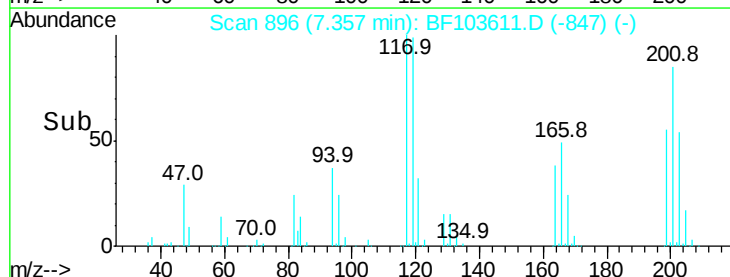
201 84.4 75.7 113.5

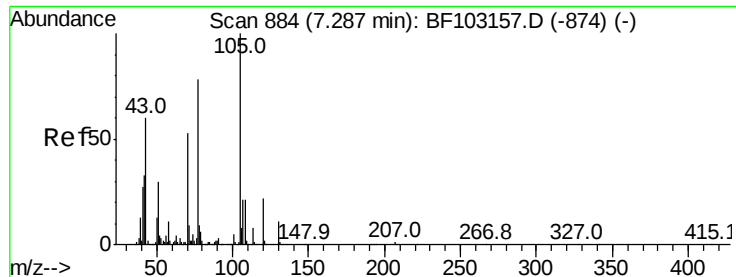


Abundance Ion 117.00 (116.70 to 117.70): E

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: 47.023 ng

RT: 7.27 min Scan# 881

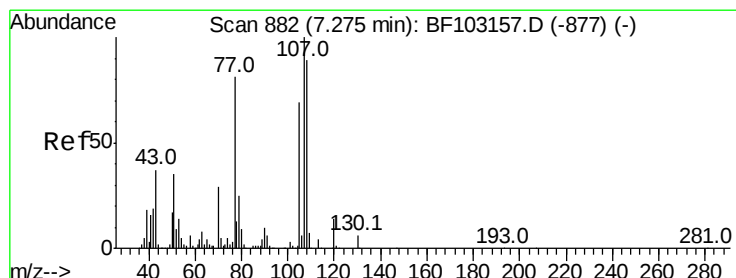
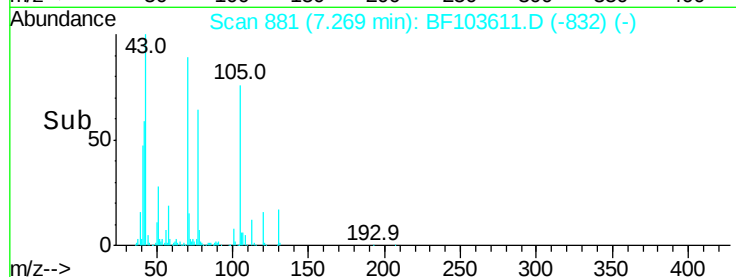
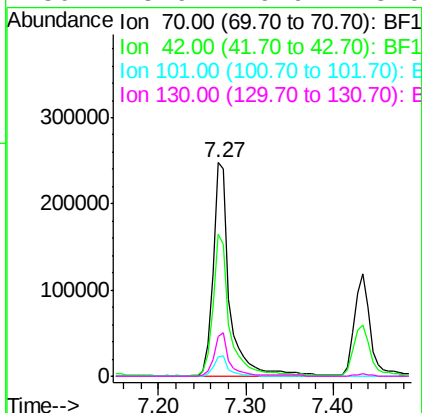
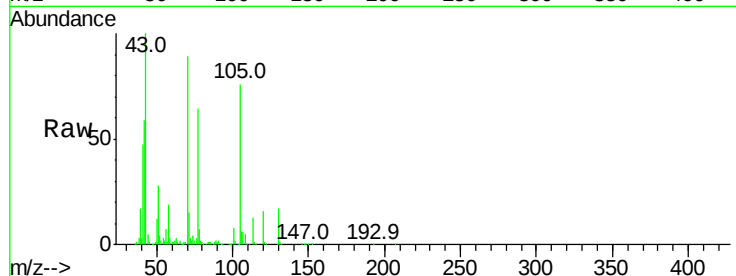
Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.5	71.3
101	8.8	7.4	11.2
130	18.6	16.6	25.0



#20

3+4-Methylphenols

Concen: 45.640 ng

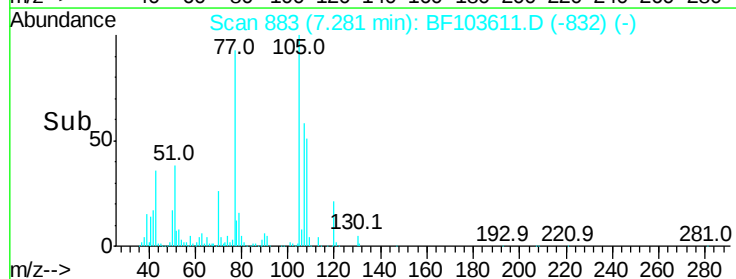
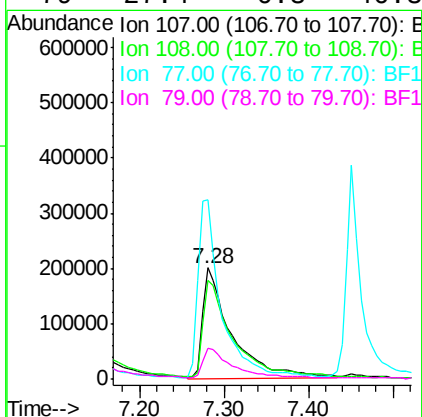
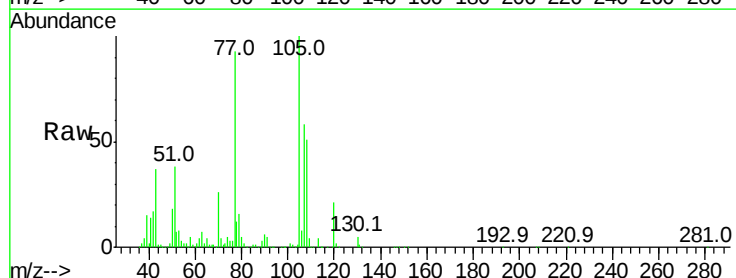
RT: 7.28 min Scan# 883

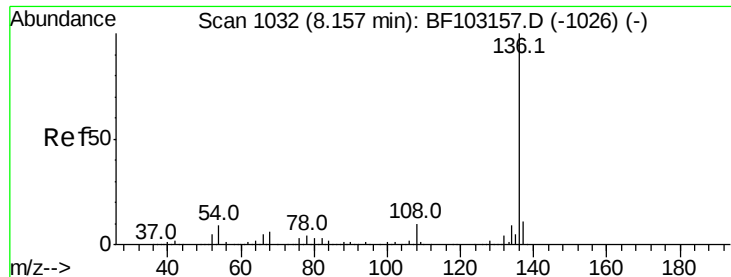
Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	161.2	26.7	66.7#
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 599300

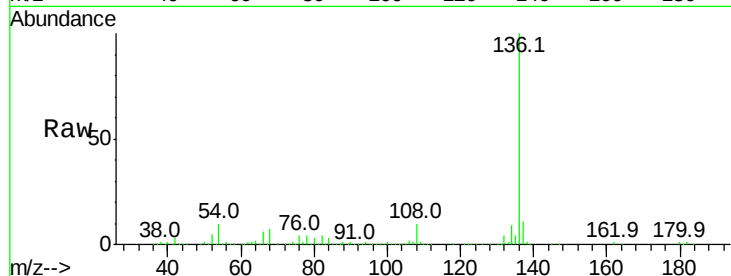
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.1 6.6 9.8#

68 6.5 5.0 7.4

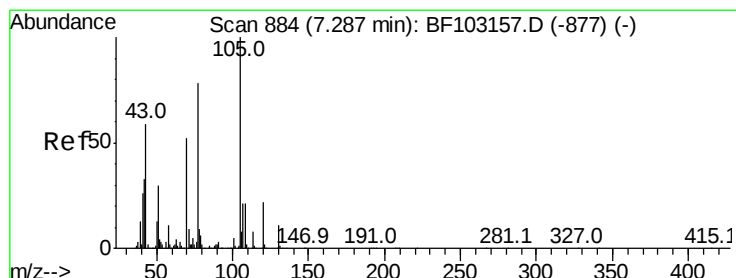
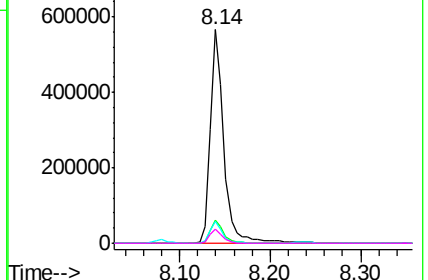
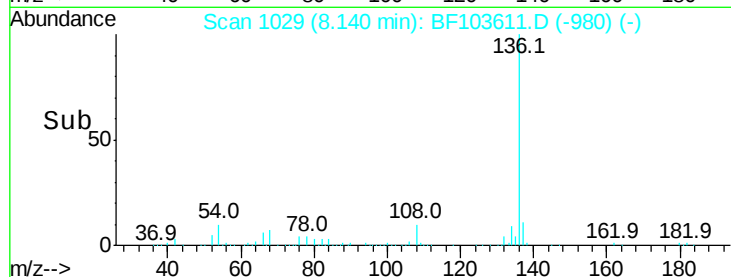


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.223 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion:105 Resp: 618618

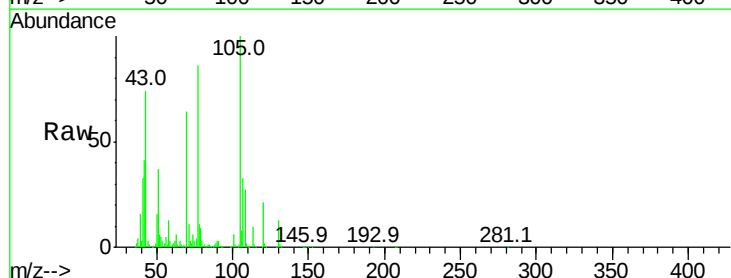
Ion Ratio Lower Upper

105 100

71 10.6 4.4 6.6#

51 36.5 22.3 33.5#

120 20.8 16.9 25.3

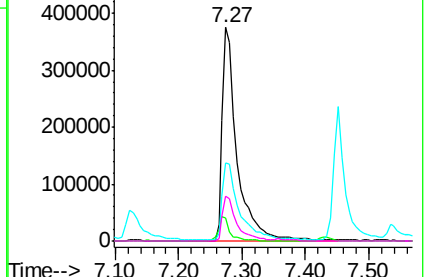
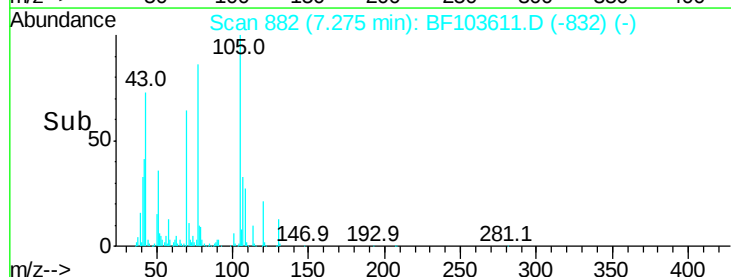


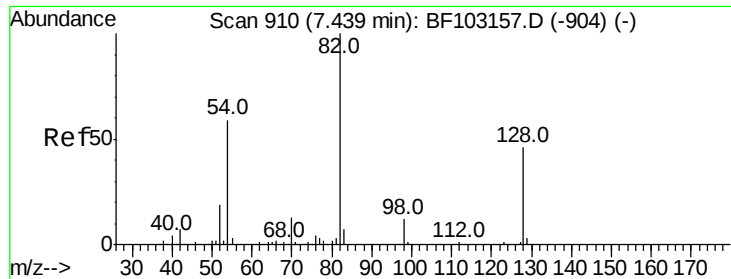
Abundance Ion 105.00 (104.70 to 105.70): E

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



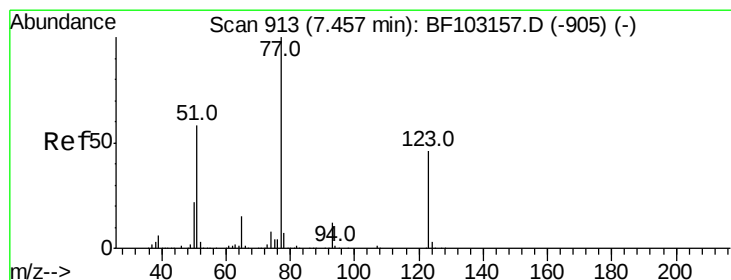
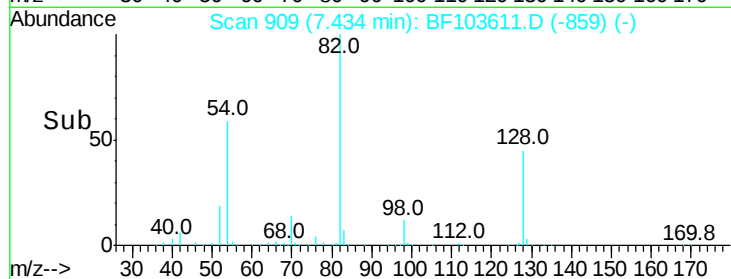
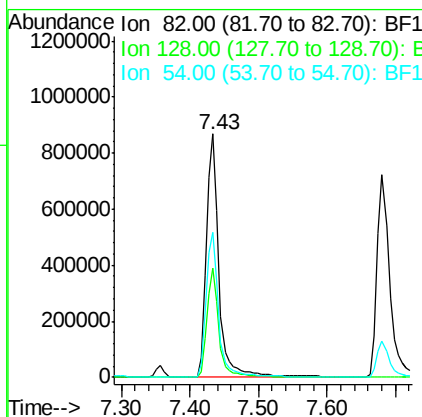
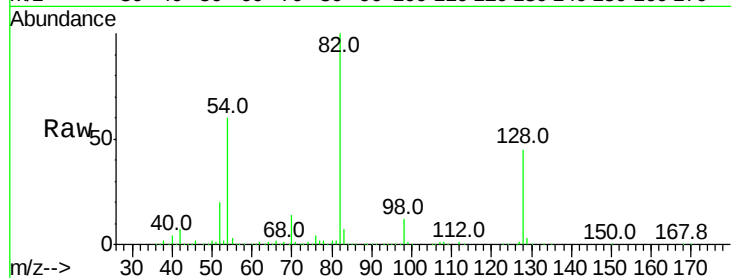


#23
 Nitrobenzene-d5
 Concen: 109.292 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1146922

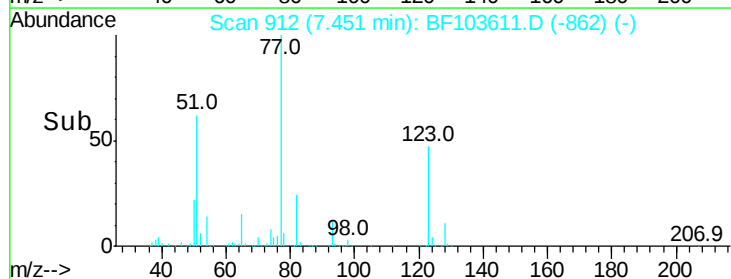
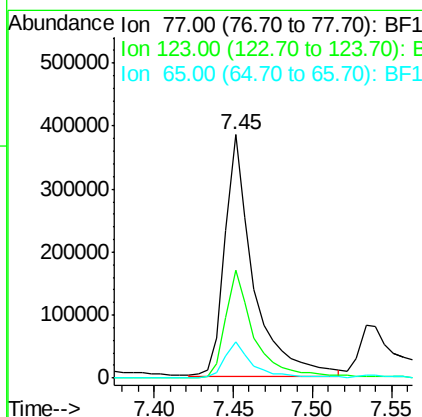
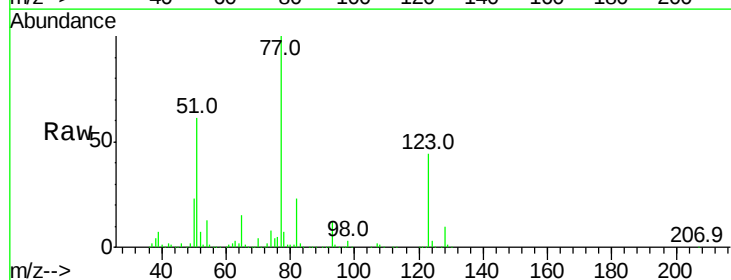
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	59.7	41.4	62.2

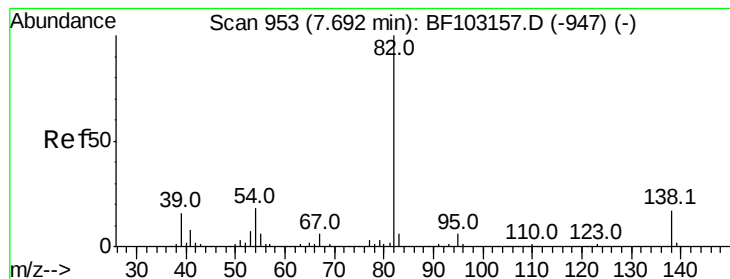


#24
 Nitrobenzene
 Concen: 41.620 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion: 77 Resp: 480880

Ion	Ratio	Lower	Upper
77	100		
123	44.1	37.9	56.9
65	15.0	11.0	16.4





#25

Isophorone

Concen: 45.548 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

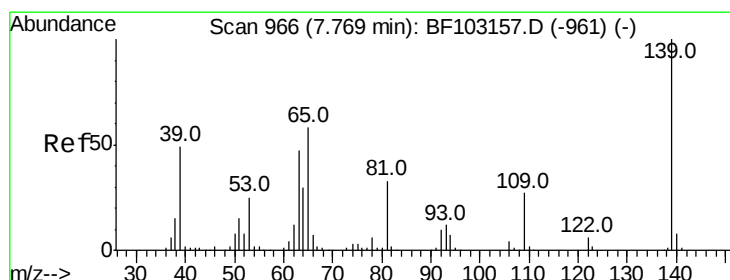
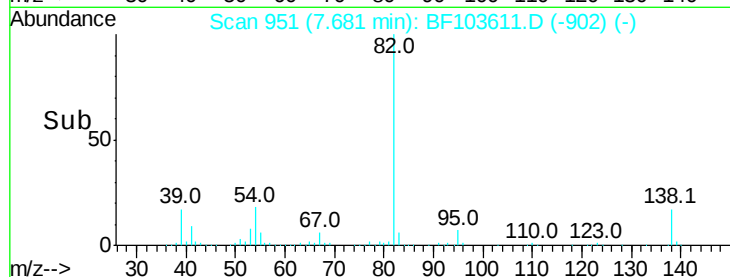
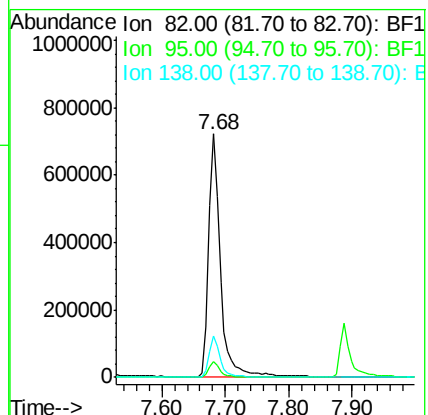
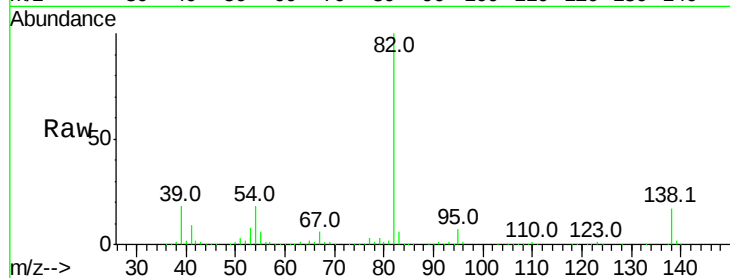
Tot Ion: 82 Resp: 941385

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 44.832 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

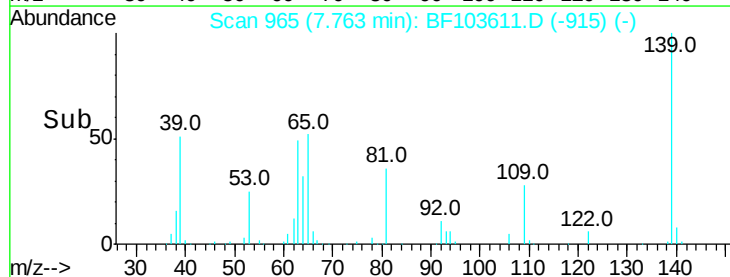
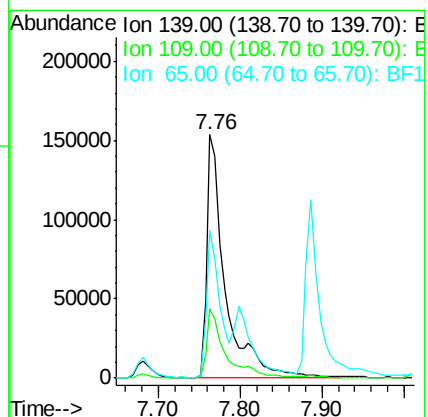
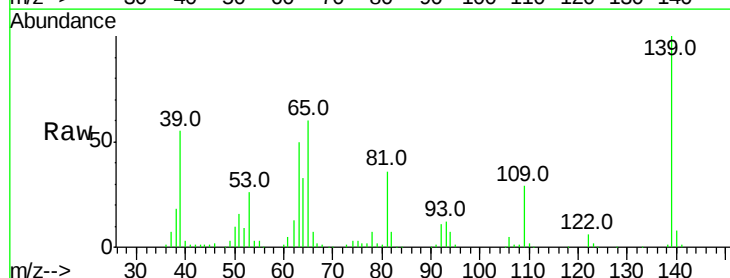
Tgt Ion: 139 Resp: 243851

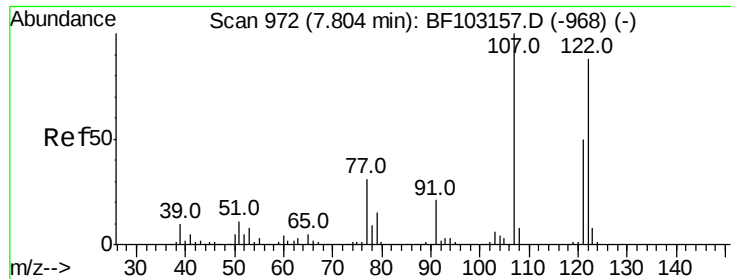
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 60.4 40.5 60.7

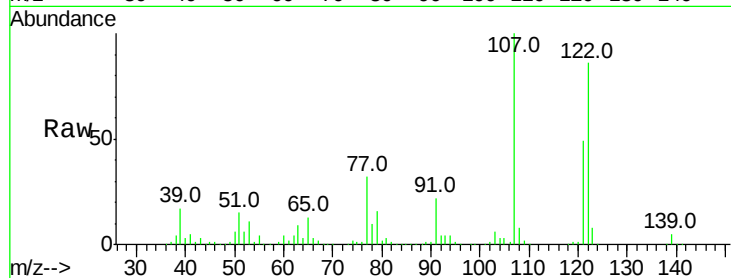




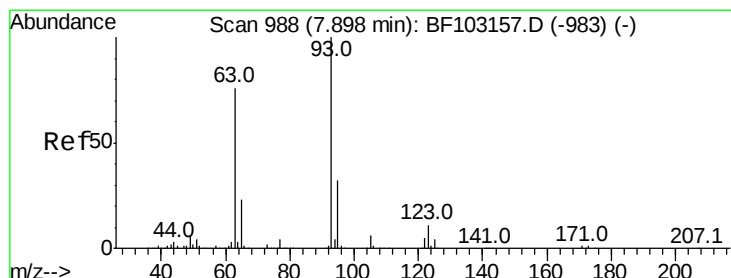
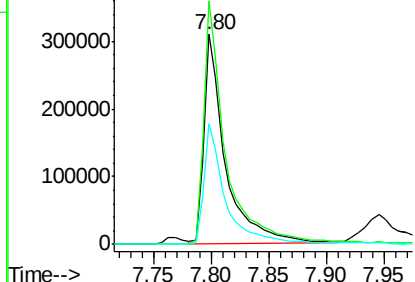
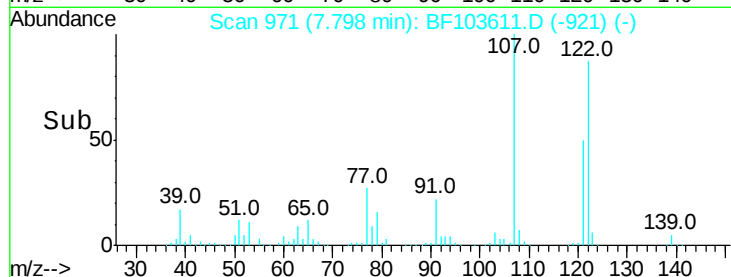
#27
2,4-Dimethylphenol
Concen: 48.937 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 406863
Ion Ratio Lower Upper
122 100
107 116.1 91.2 136.8
121 57.5 47.2 70.8

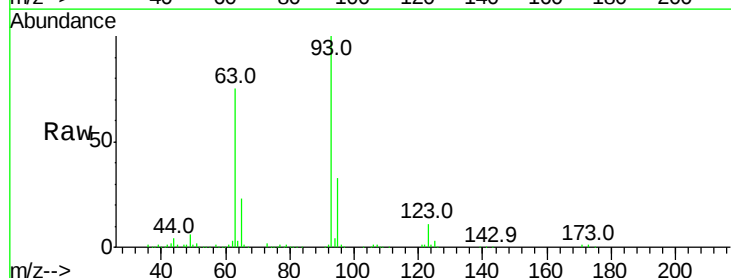


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

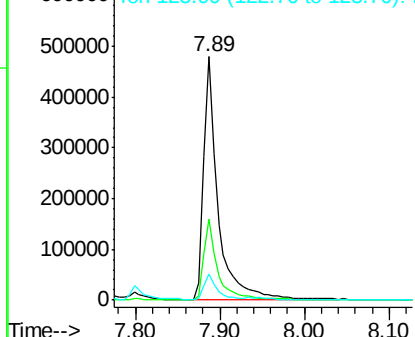
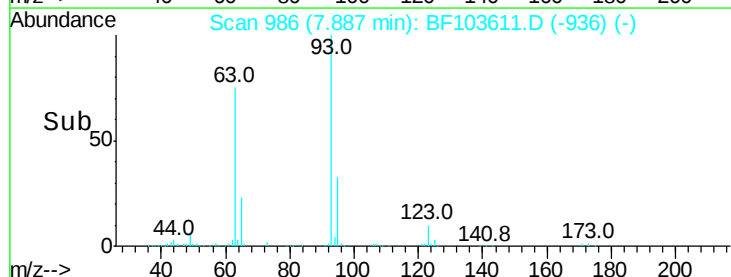


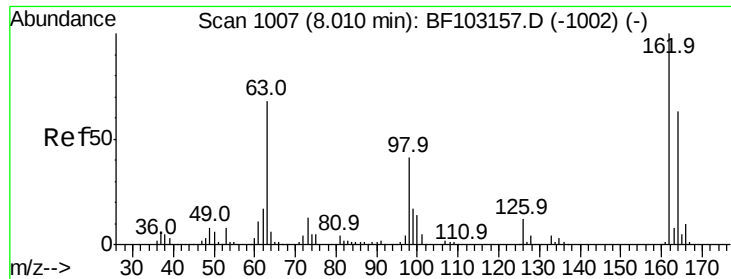
#28
bis(2-Chloroethoxy)methane
Concen: 46.354 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion: 93 Resp: 563279
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 10.7 9.8 14.6



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

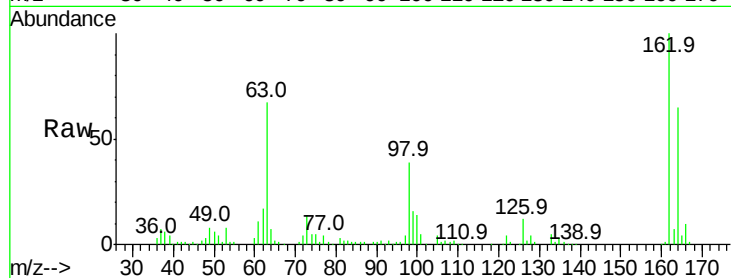




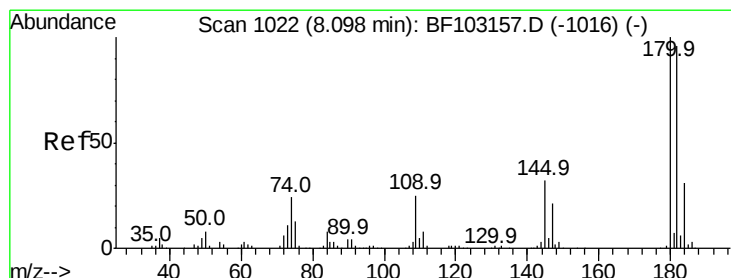
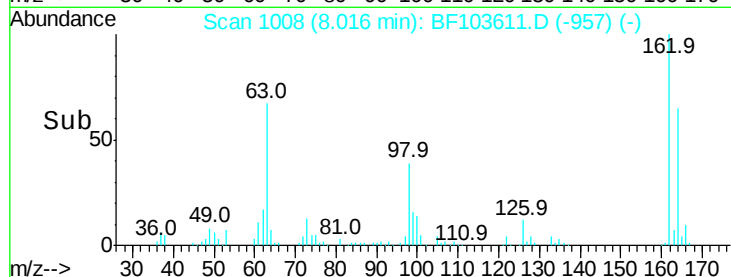
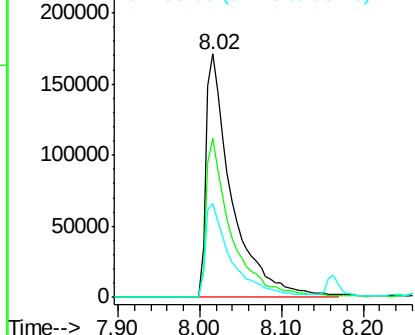
#29
2,4-Dichlorophenol
Concen: 47.259 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 376173
Ion Ratio Lower Upper
162 100
164 65.3 42.7 82.7
98 38.6 18.1 58.1

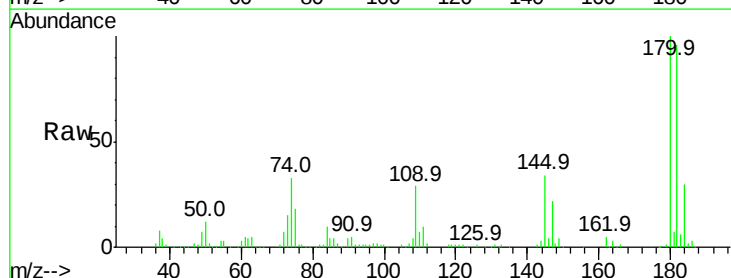


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

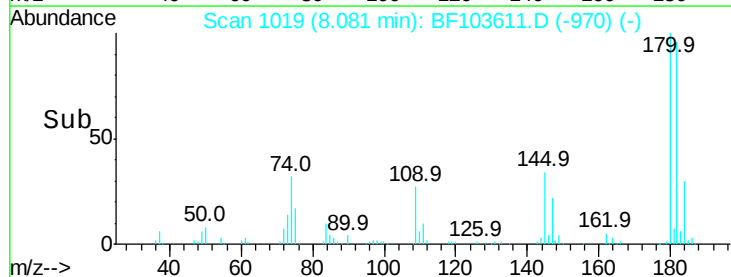
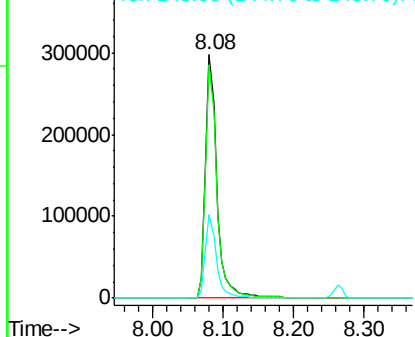


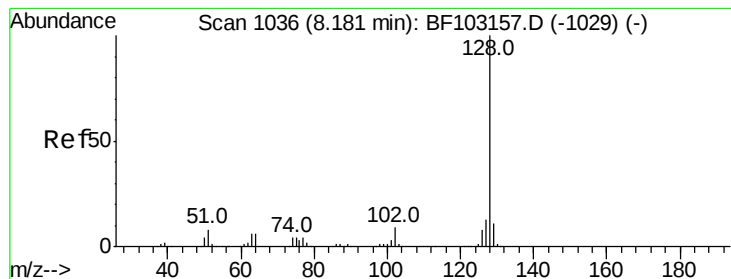
#30
1,2,4-Trichlorobenzene
Concen: 39.606 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:180 Resp: 335718
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 34.4 26.5 39.7



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: 43.260 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

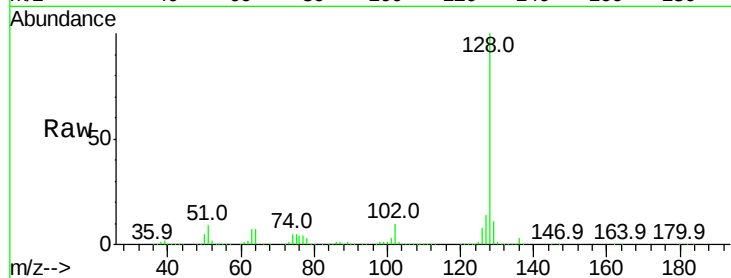
Tot Ion:128 Resp: 1269265

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

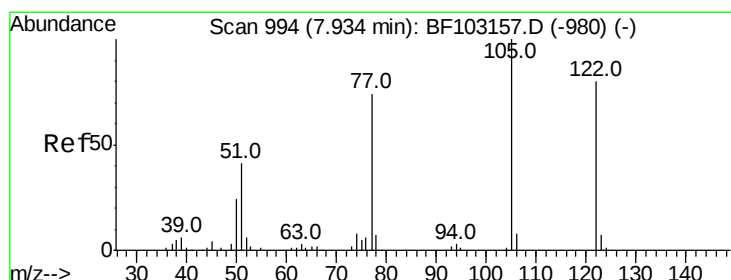
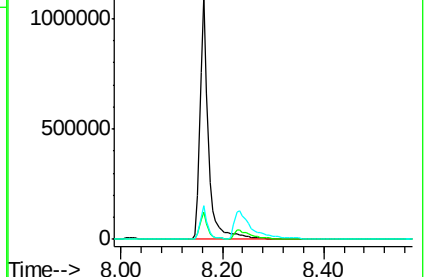
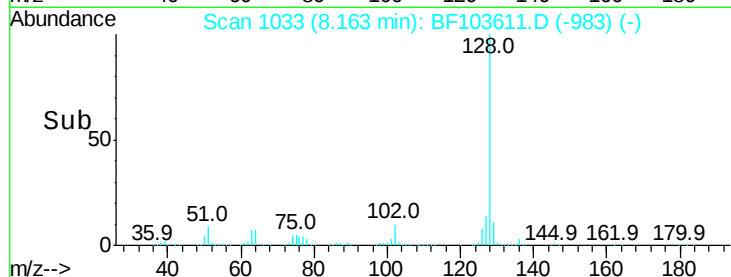
127 13.6 10.9 16.3



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: 22.981 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

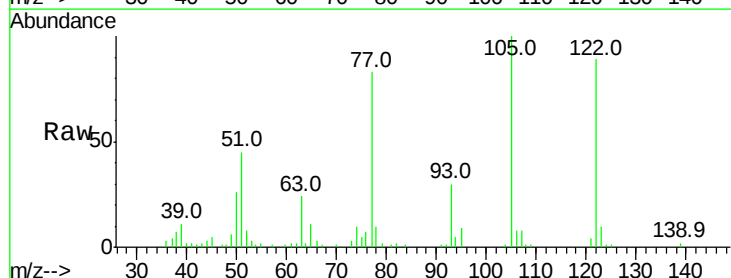
Tgt Ion:122 Resp: 115778

Ion Ratio Lower Upper

122 100

105 112.1 101.1 141.1

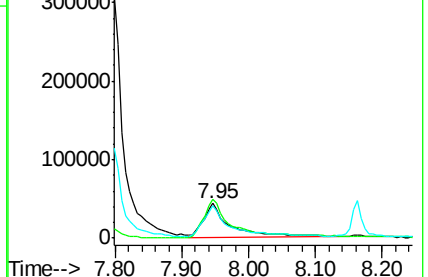
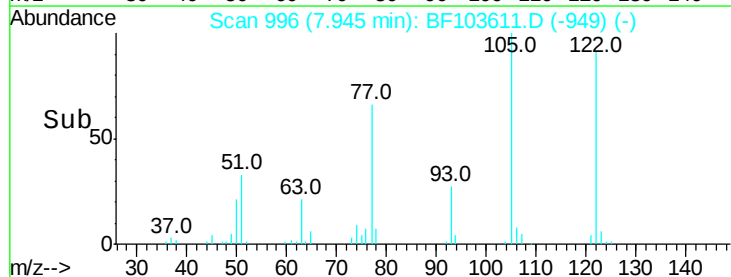
77 93.1 70.7 110.7

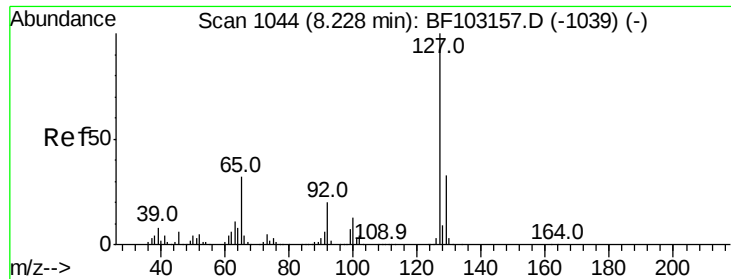


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

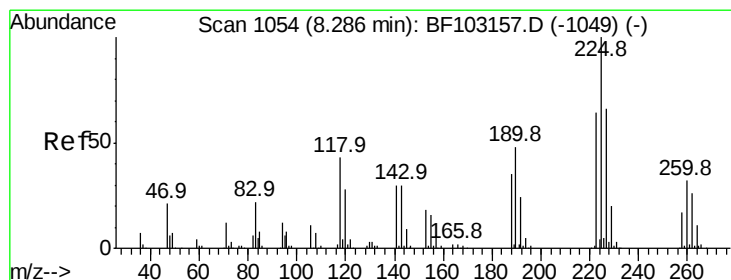
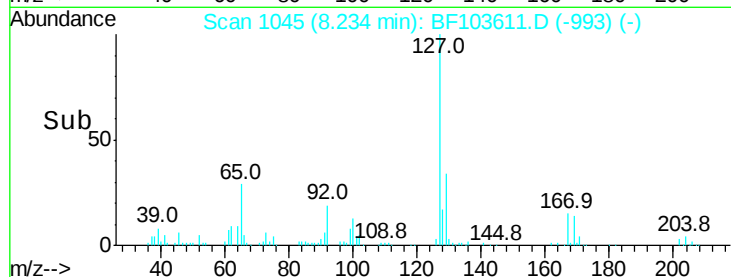
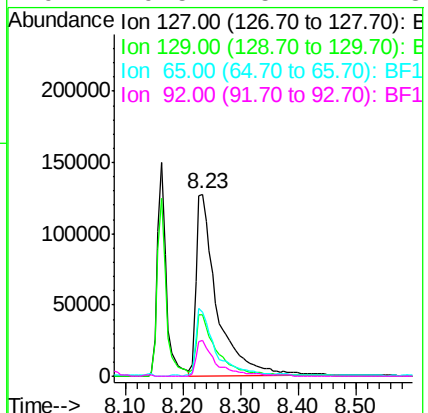
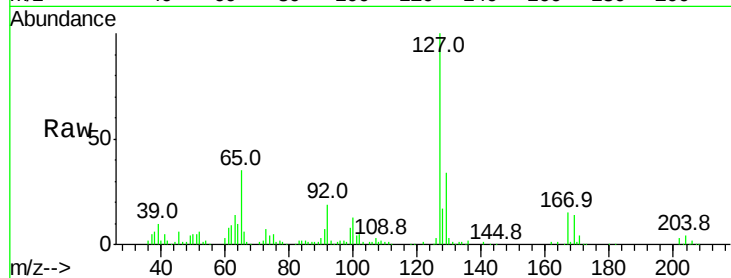




#33
4-Chloroaniline
Concen: 25.532 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

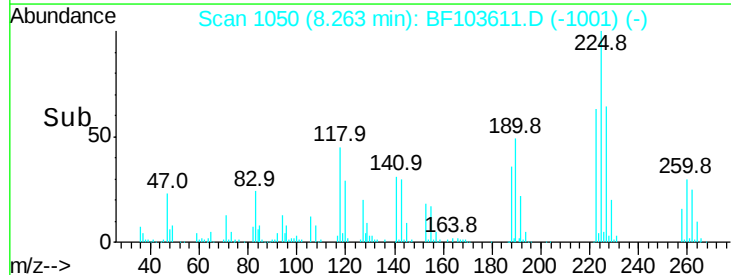
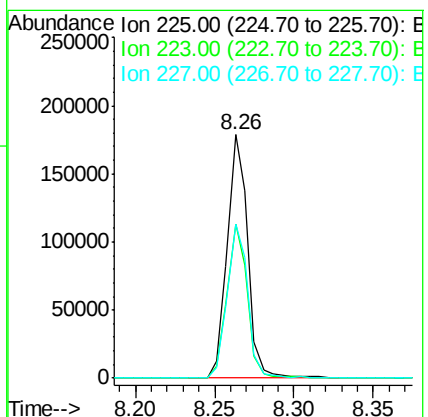
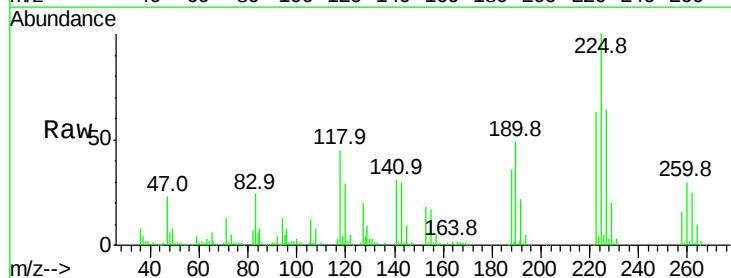
Instrument :
BNA_F
ClientSampleId :

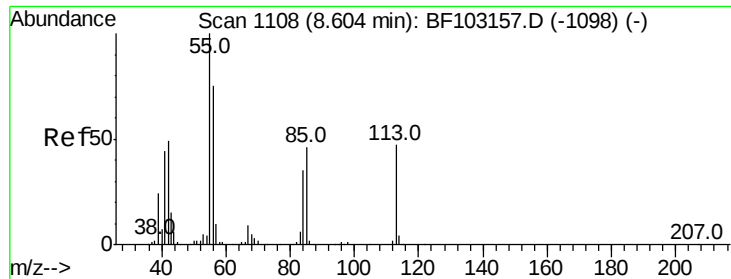
Tot Ion:	127	Resp:	323269
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.9	38.9
65	35.2	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.332 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:	225	Resp:	160369
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.5	51.9	77.9

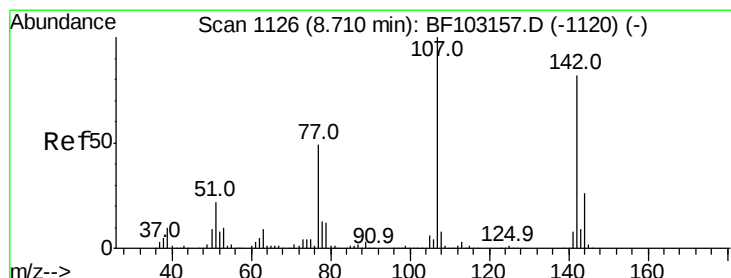
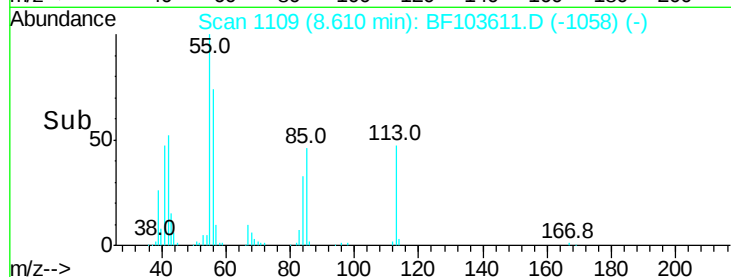
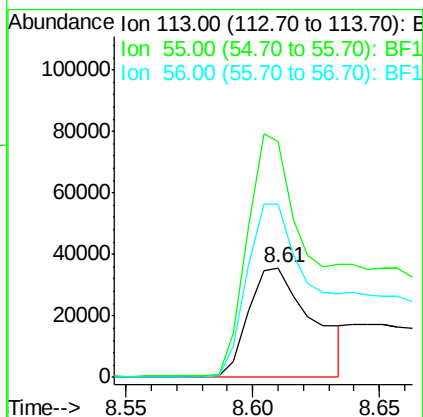
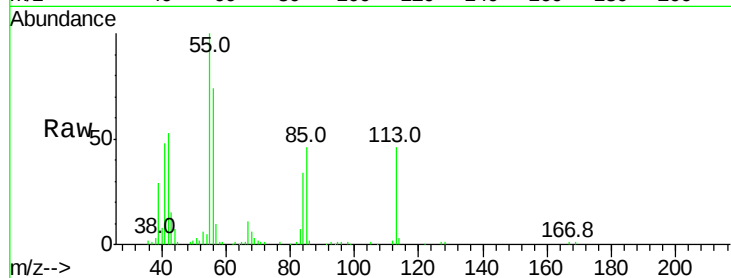




#35
 Caprolactam
 Concen: 22.356 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

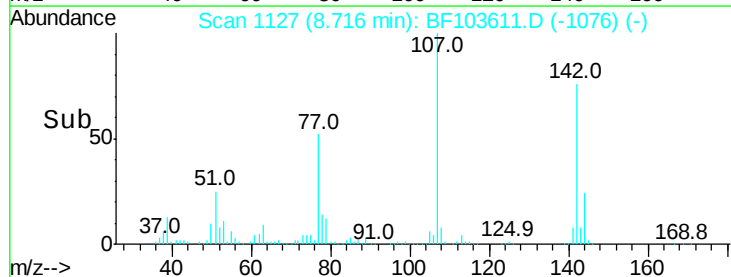
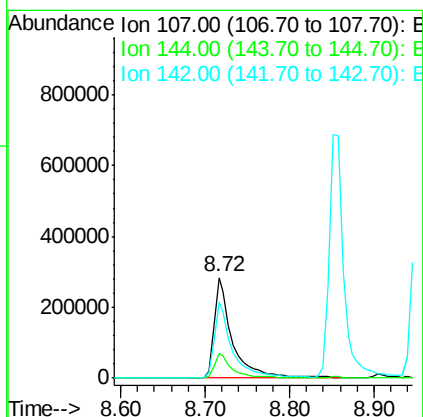
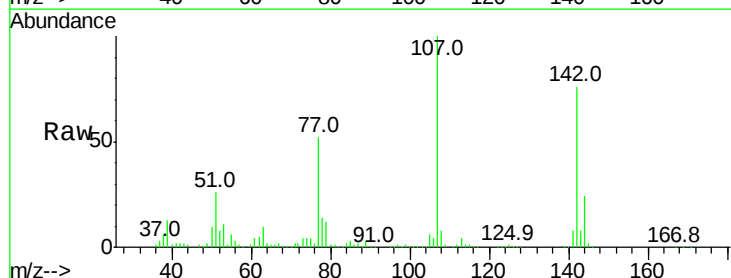
Instrument :
 BNA_F
 ClientSampleId :

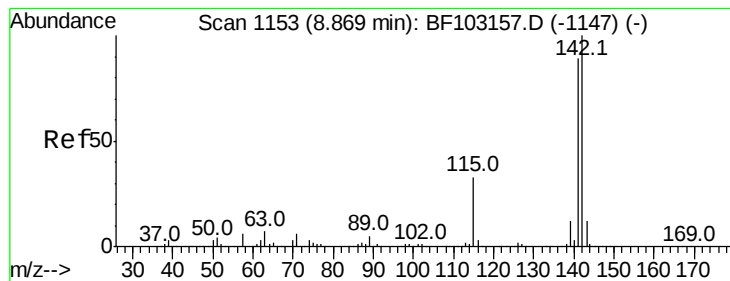
Tot Ion:113 Resp: 62543
 Ion Ratio Lower Upper
 113 100
 55 215.1 163.3 203.3#
 56 158.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 48.583 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:107 Resp: 436185
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.5 30.7
 142 75.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.729 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

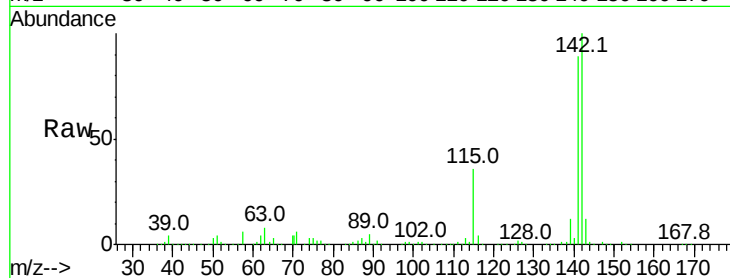
Tot Ion:142 Resp: 810230

Ion Ratio Lower Upper

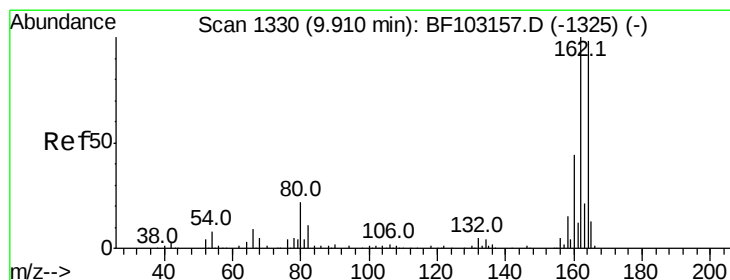
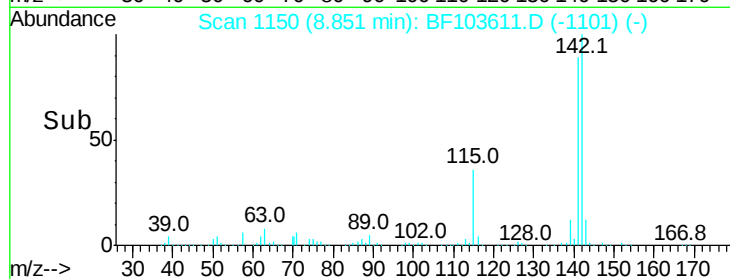
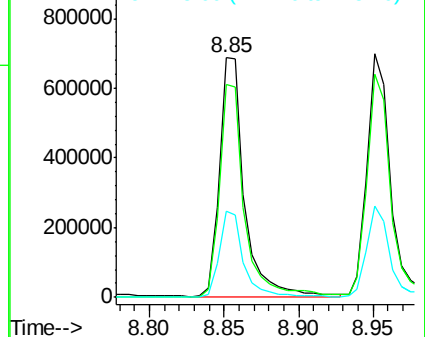
142 100

141 89.0 70.8 106.2

115 36.0 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

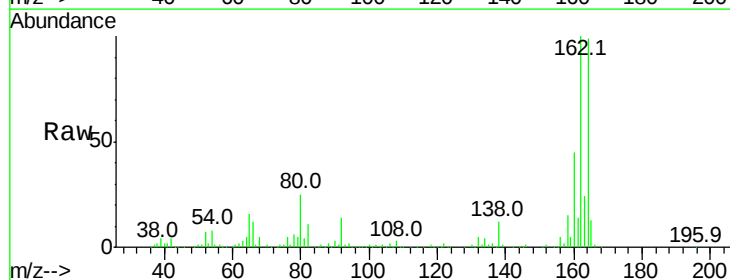
Tgt Ion:164 Resp: 277961

Ion Ratio Lower Upper

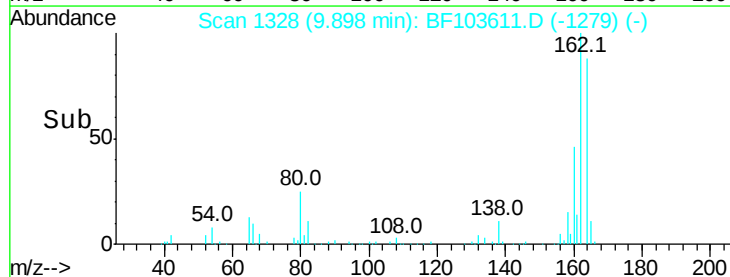
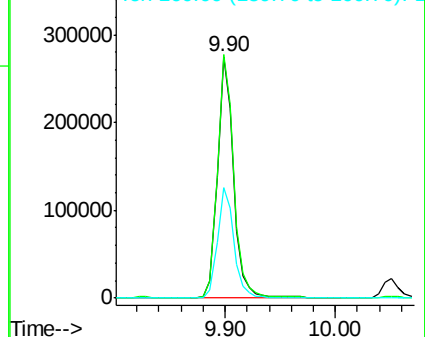
164 100

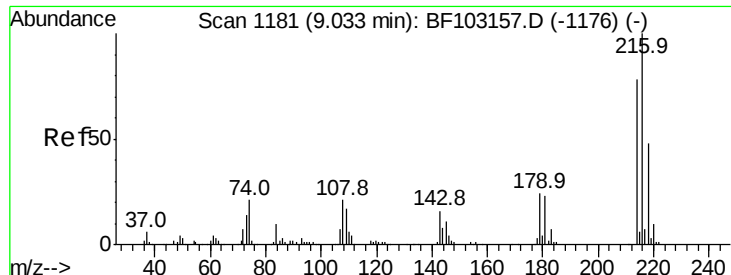
162 101.0 86.1 129.1

160 45.8 38.3 57.5



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

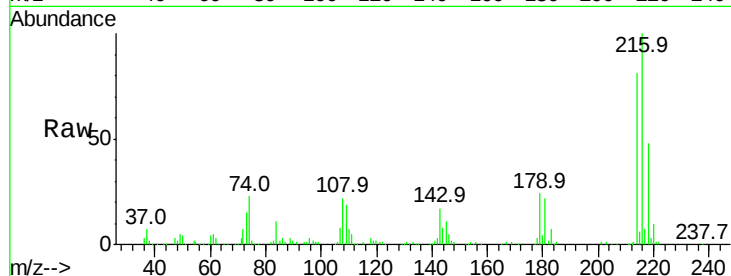




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.389 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	23.6	18.1	27.1
108	22.8	17.2	25.8

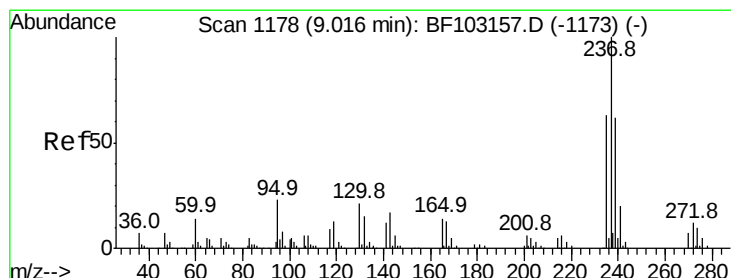
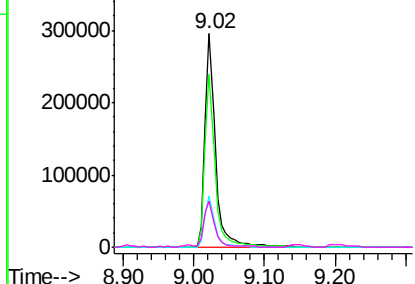
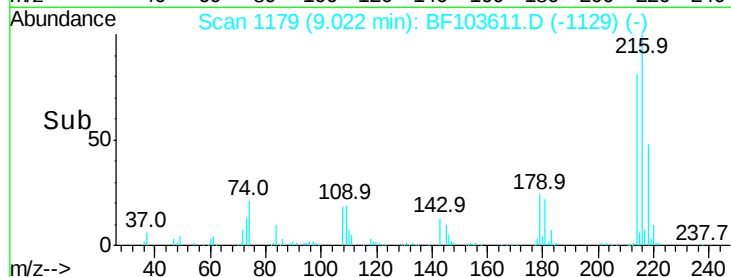


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

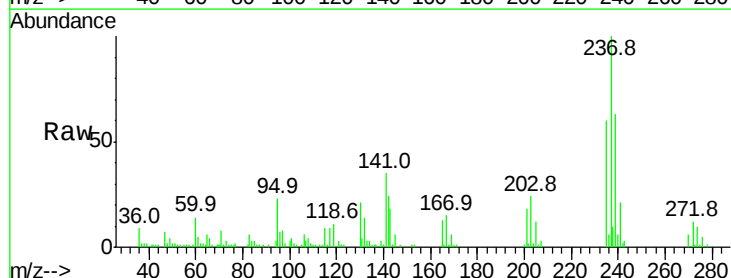
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 26.718 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

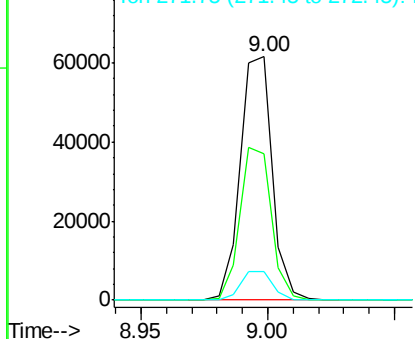
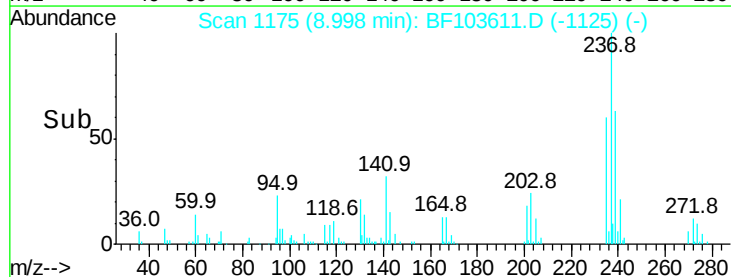
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	12.0	0.0	33.3

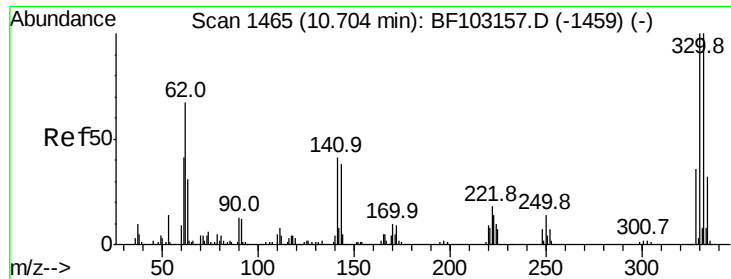


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

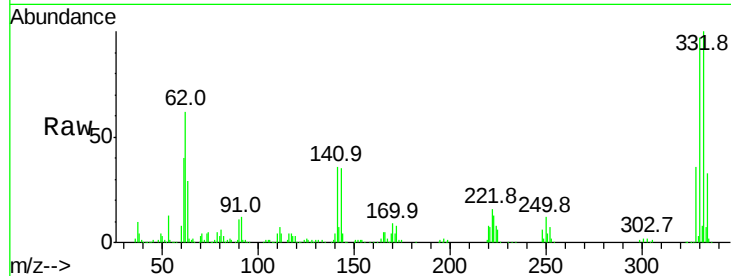




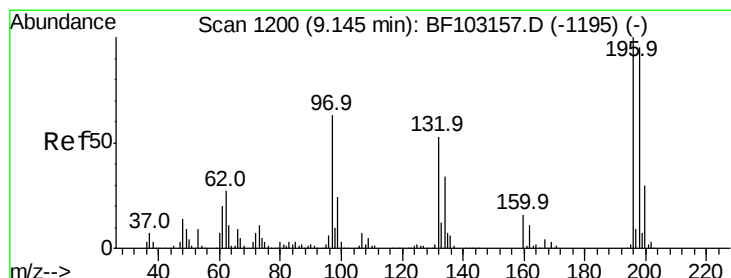
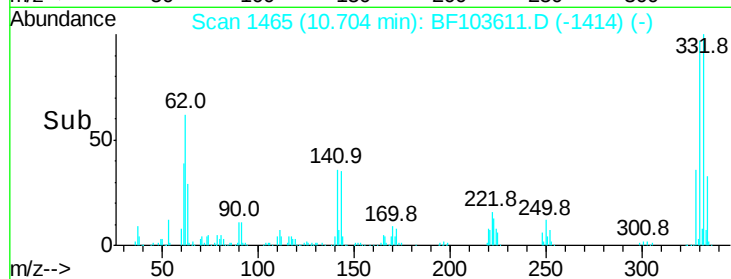
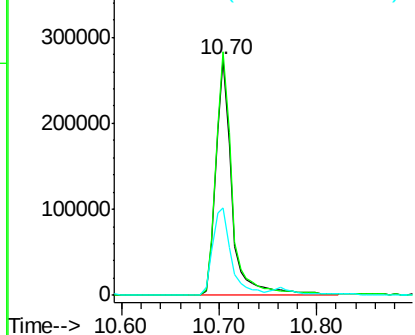
#41
 2,4,6-Tribromophenol
 Concen: 134.548 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 316564
 Ion Ratio Lower Upper
 330 100
 332 105.5 77.0 115.6
 141 41.5 29.9 44.9

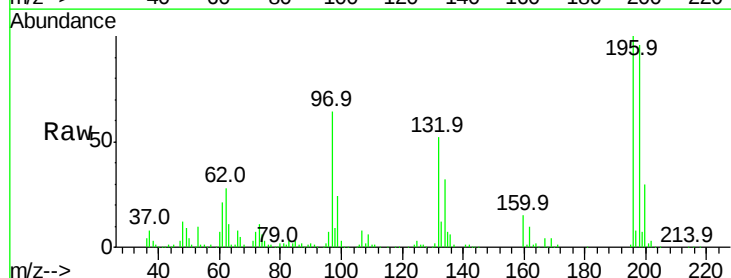


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

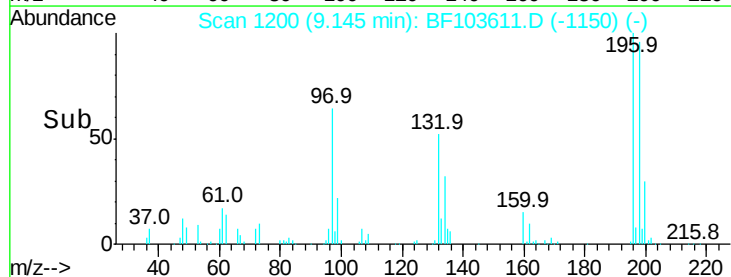
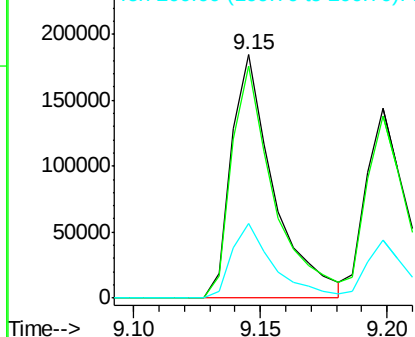


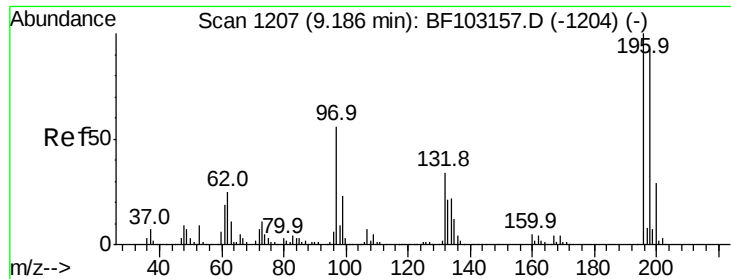
#42
 2,4,6-Trichlorophenol
 Concen: 41.890 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:196 Resp: 214190
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 30.4 24.5 36.7



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

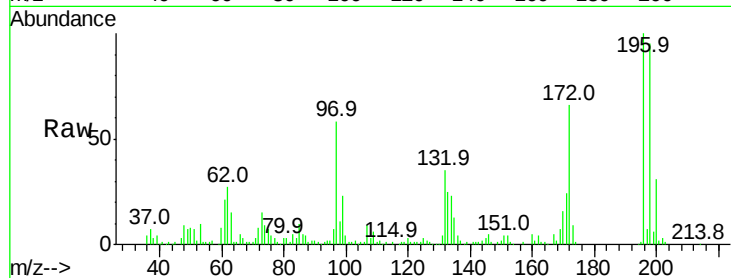




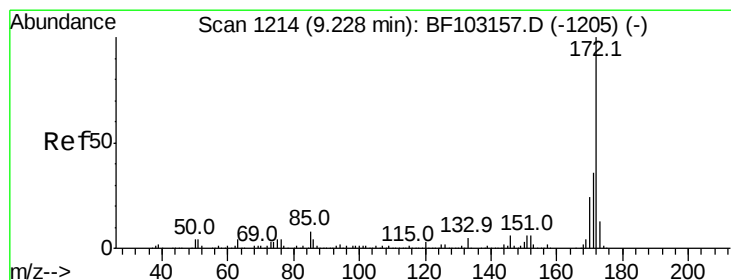
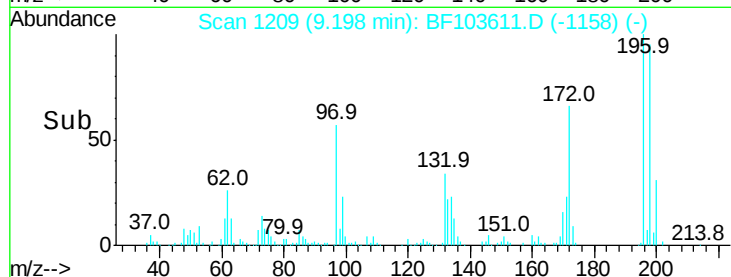
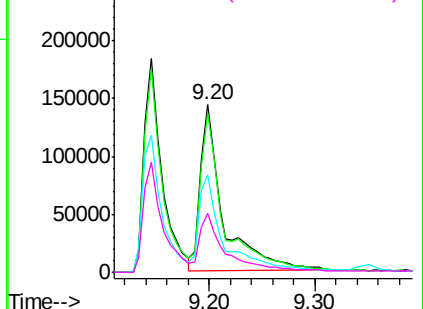
#43
 2,4,5-Trichlorophenol
 Concen: 36.417 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 214160
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 58.2 42.9 64.3
 132 35.2 26.3 39.5

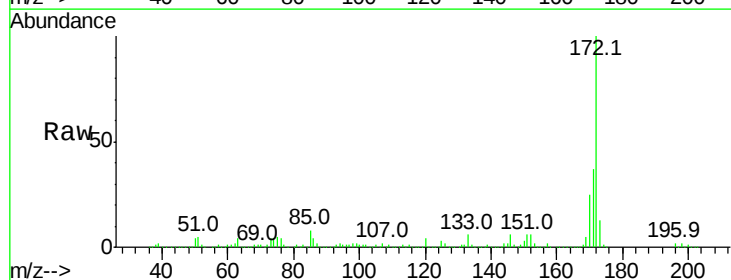


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

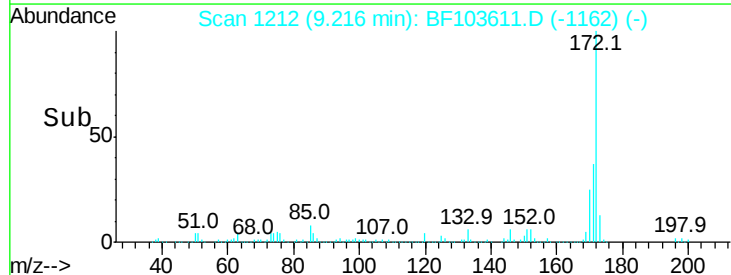
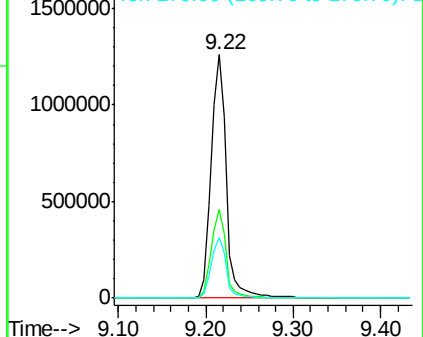


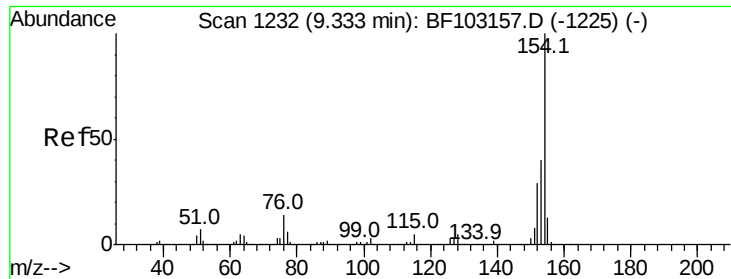
#44
 2-Fluorobiphenyl
 Concen: 98.670 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:172 Resp: 1532981
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.0 19.6 29.4



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

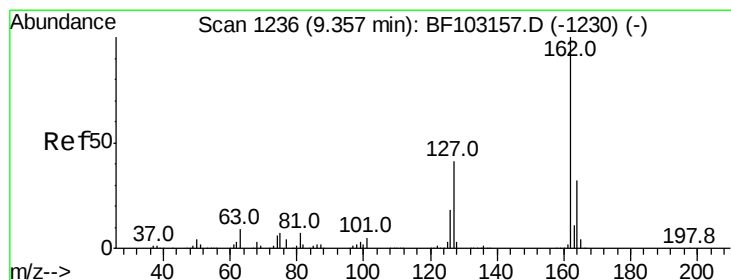
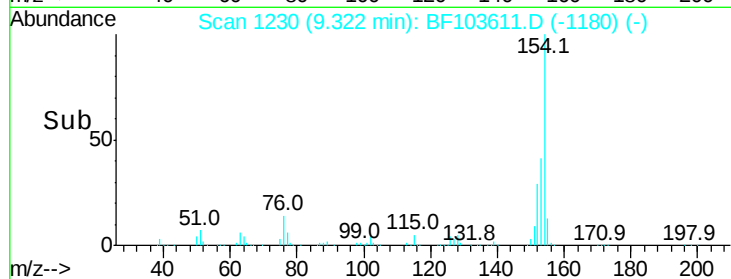
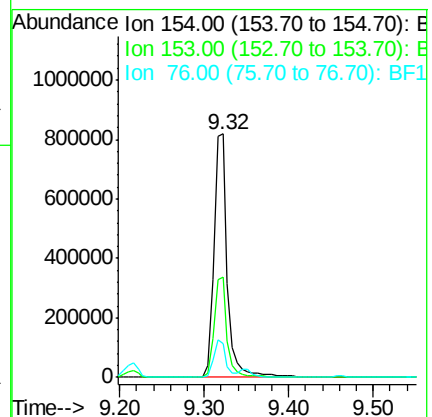
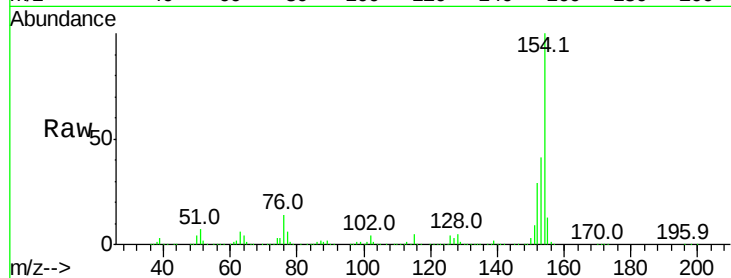




#45
 1,1'-Biphenyl
 Concen: 39.643 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

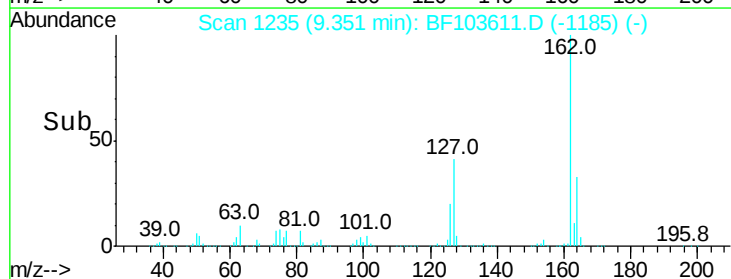
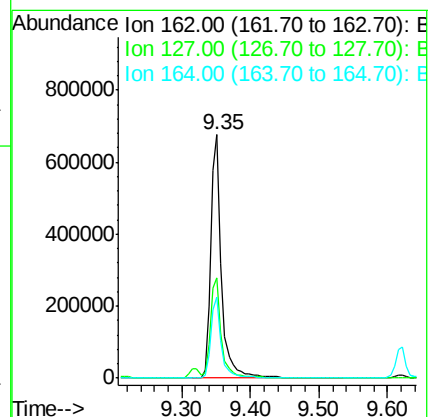
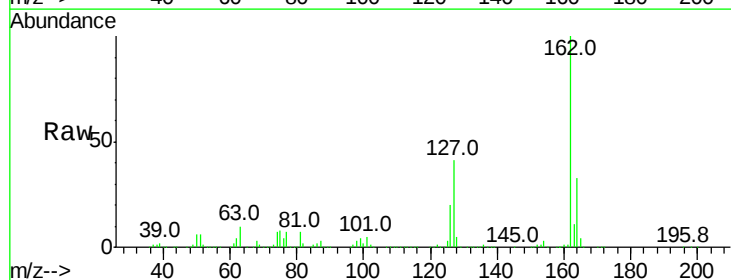
Instrument :
 BNA_F
 ClientSampleId :

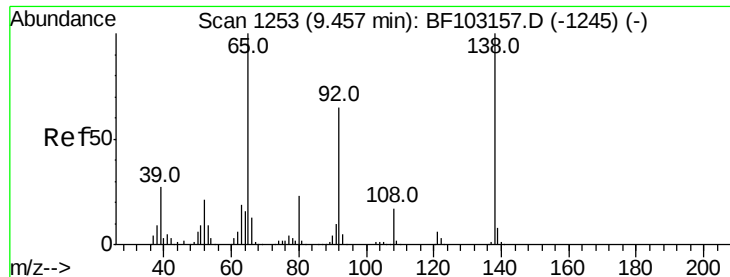
Tot Ion:154 Resp: 923354
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.6 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.834 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:162 Resp: 752449
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.9 50.9
 164 33.1 26.5 39.7

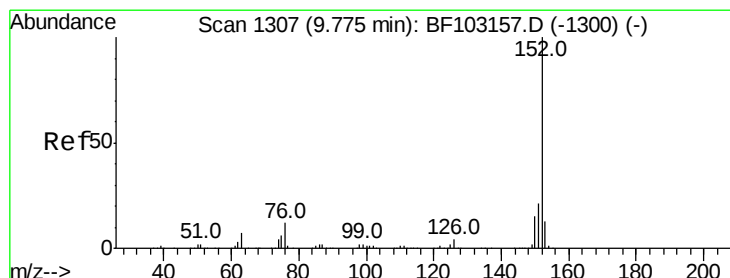
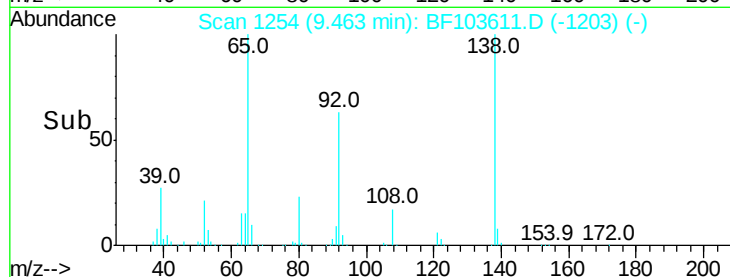
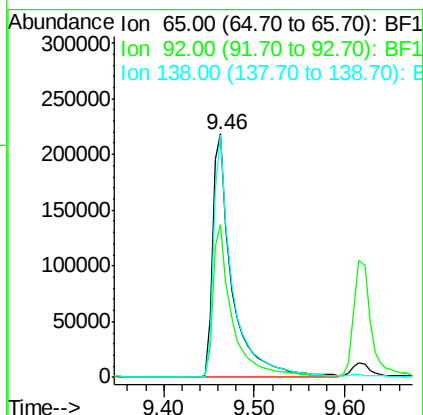
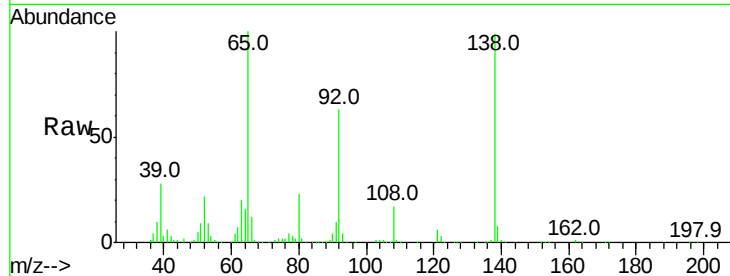




#47
2-Nitroaniline
Concen: 47.305 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

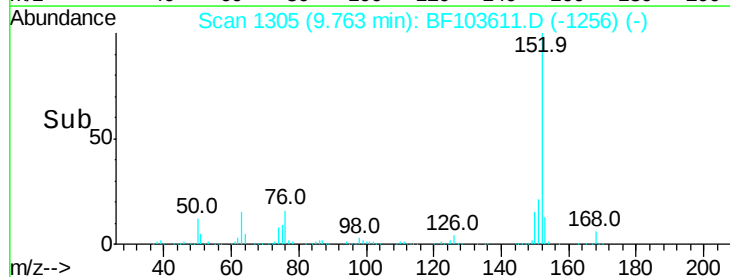
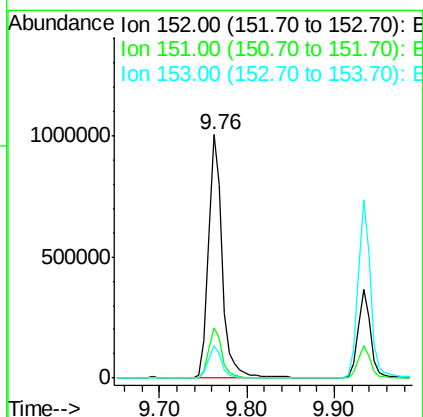
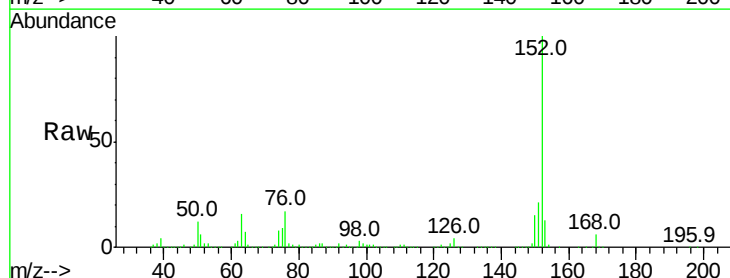
Instrument :
BNA_F
ClientSampled :

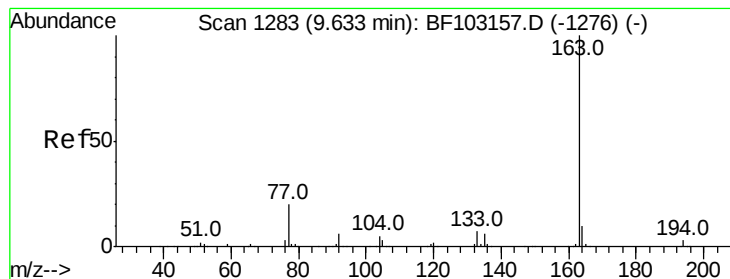
Tot Ion: 65 Resp: 322890
Ion Ratio Lower Upper
65 100
92 62.9 55.8 83.6
138 99.5 91.2 136.8



#48
Acenaphthylene
Concen: 38.873 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion: 152 Resp: 1102105
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 41.959 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

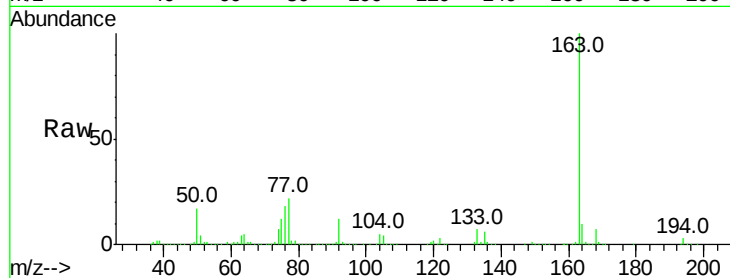
Tot Ion:163 Resp: 935612

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

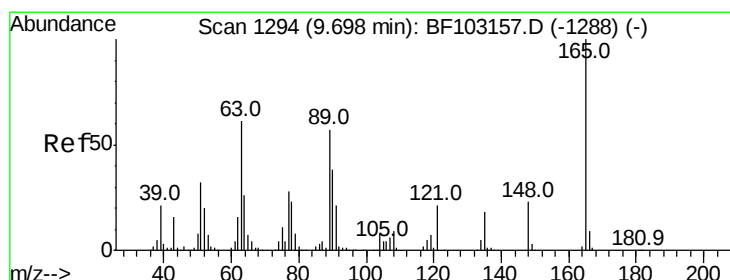
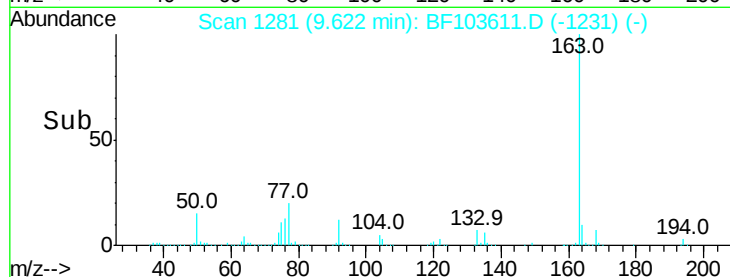
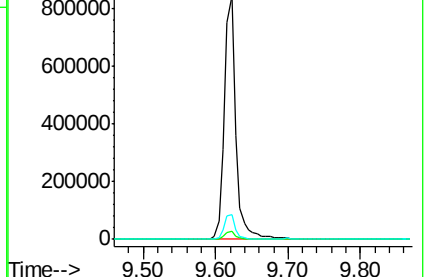
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.326 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

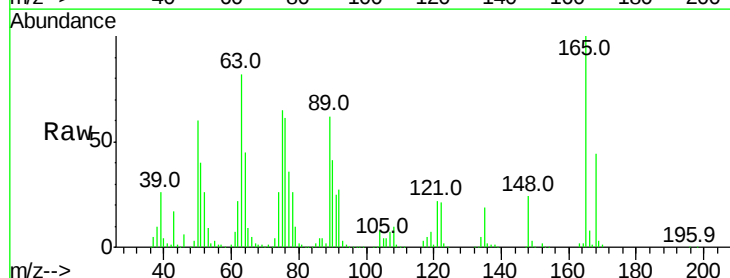
Tgt Ion:165 Resp: 193382

Ion Ratio Lower Upper

165 100

63 81.7 44.7 67.1#

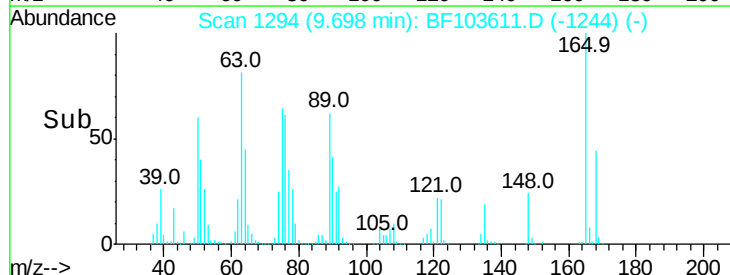
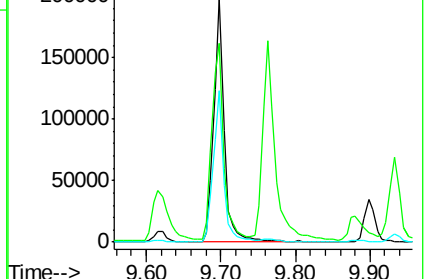
89 62.0 44.0 66.0

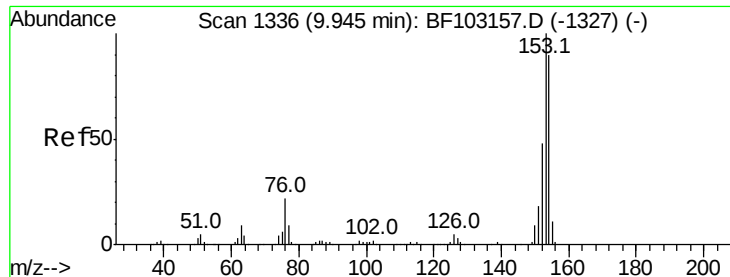


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.450 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampleId :

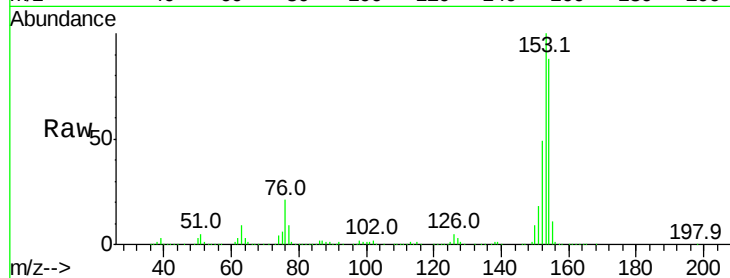
Tot Ion:154 Resp: 652195

Ion Ratio Lower Upper

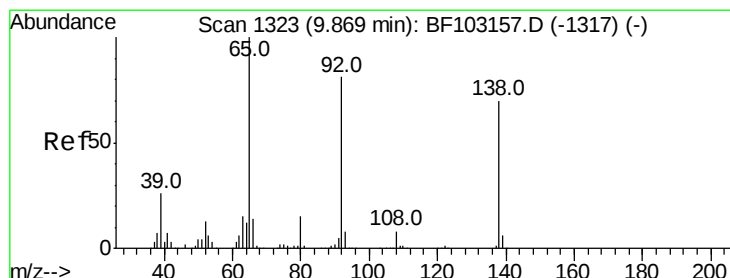
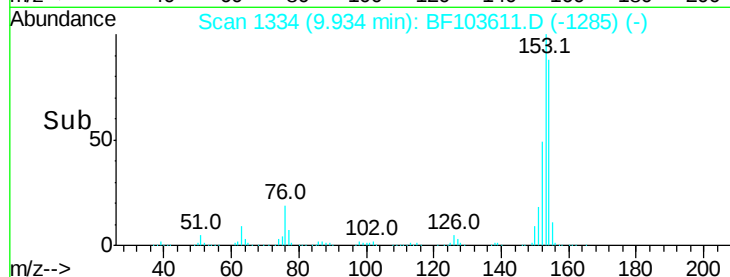
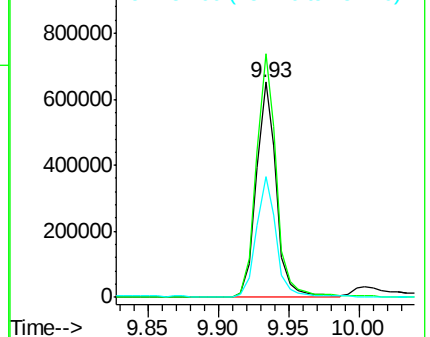
154 100

153 113.3 91.2 136.8

152 56.0 43.8 65.8



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



#52

3-Nitroaniline

Concen: 28.309 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

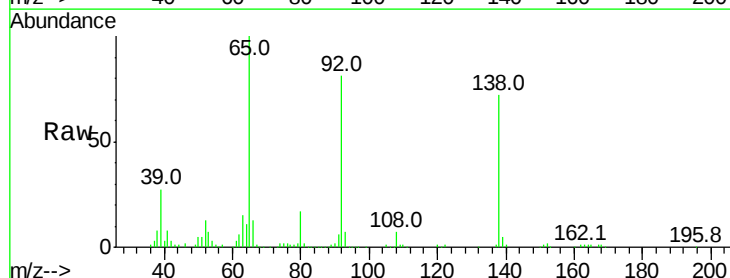
Tgt Ion:138 Resp: 168069

Ion Ratio Lower Upper

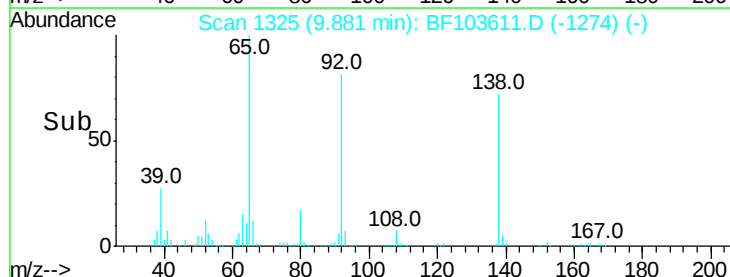
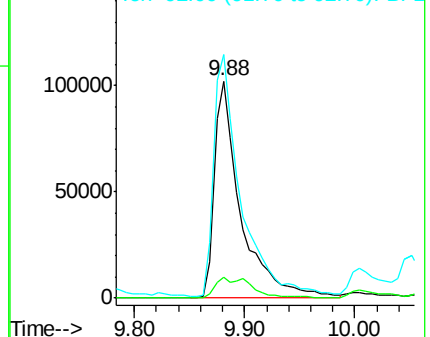
138 100

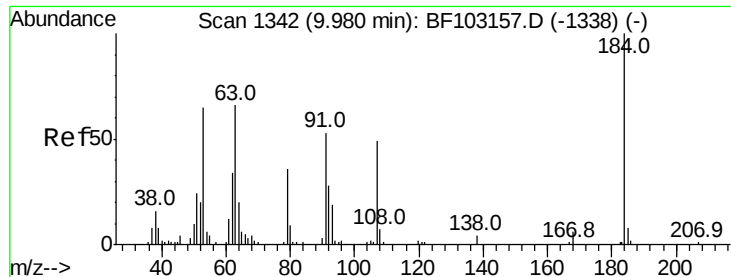
108 9.6 9.4 14.0

92 112.1 89.4 134.2



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

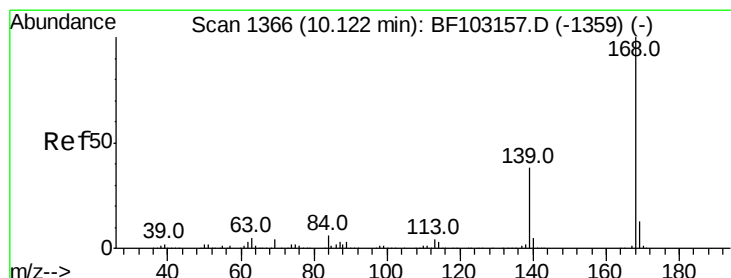
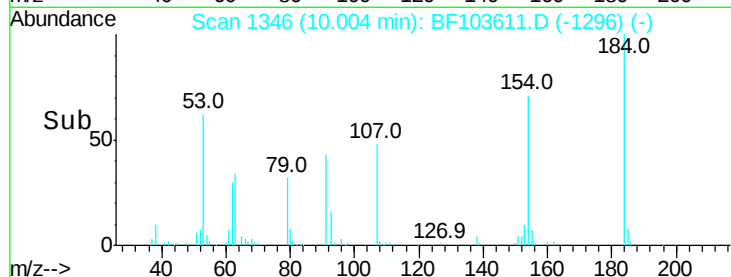
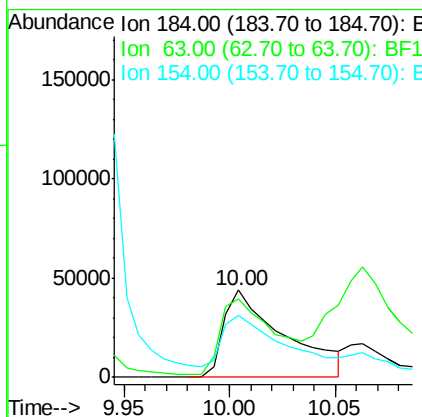
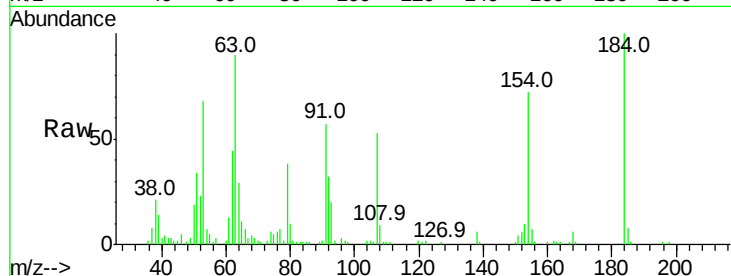




#53
2,4-Dinitrophenol
Concen: 54.969 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

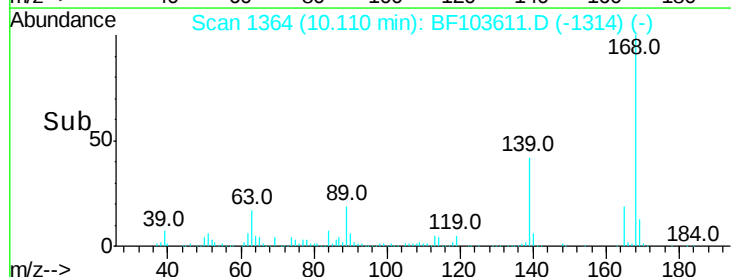
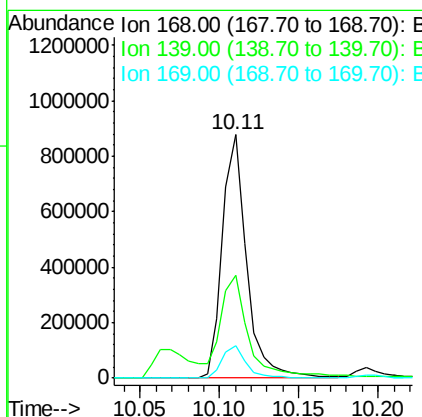
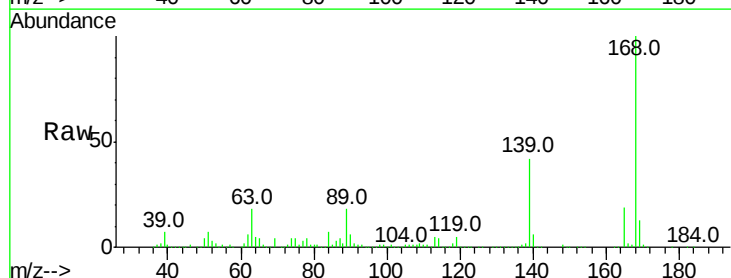
Instrument :
BNA_F
ClientSampleId :

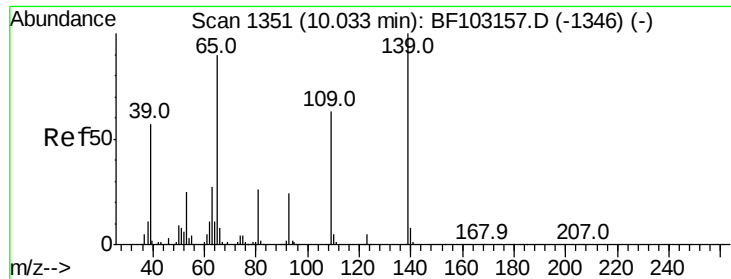
Tot Ion:184 Resp: 87127
Ion Ratio Lower Upper
184 100
63 89.9 54.2 81.2#
154 71.8 184.0 276.0#



#54
Dibenzofuran
Concen: 41.153 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:168 Resp: 933946
Ion Ratio Lower Upper
168 100
139 42.2 30.1 45.1
169 13.3 10.9 16.3

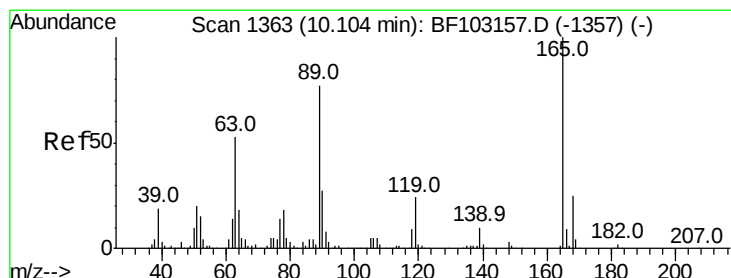
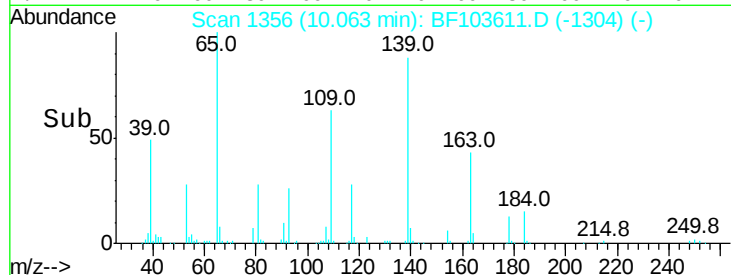
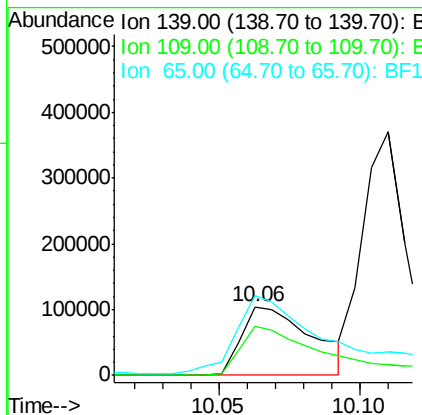
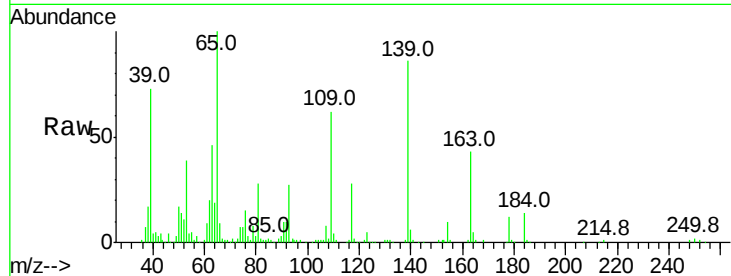




#55
4-Nitrophenol
Concen: 48.607 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

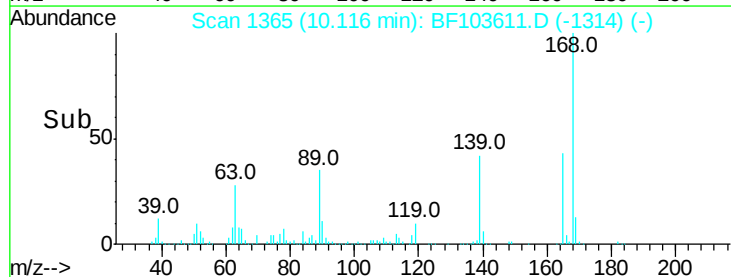
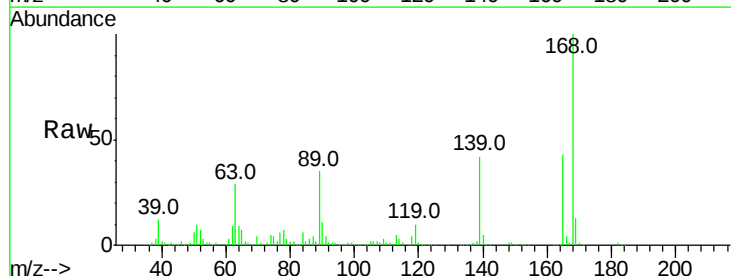
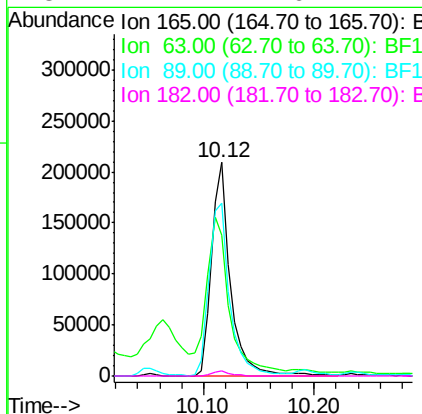
Instrument :
BNA_F
ClientSampled :

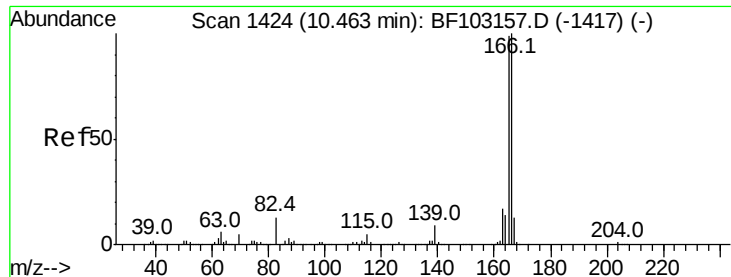
Tot Ion:139 Resp: 178850
Ion Ratio Lower Upper
139 100
109 72.4 48.4 88.4
65 116.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 41.539 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:165 Resp: 245838
Ion Ratio Lower Upper
165 100
63 66.0 36.4 54.6#
89 80.7 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 40.157 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

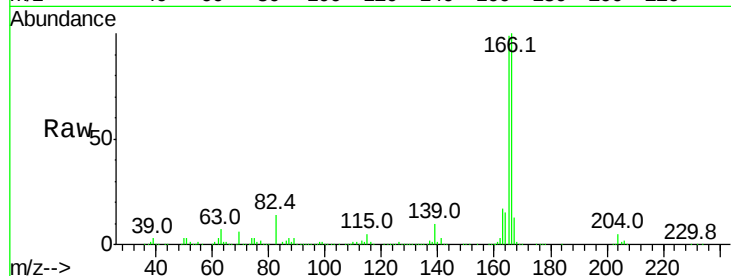
Tot Ion:166 Resp: 776333

Ion Ratio Lower Upper

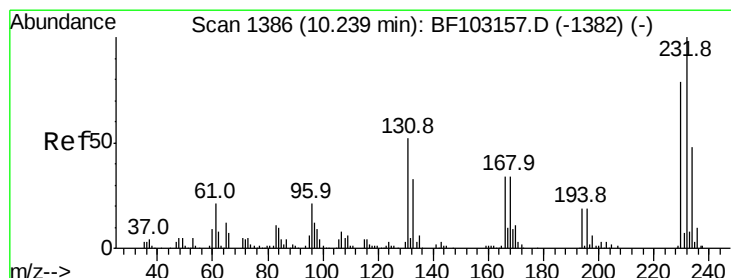
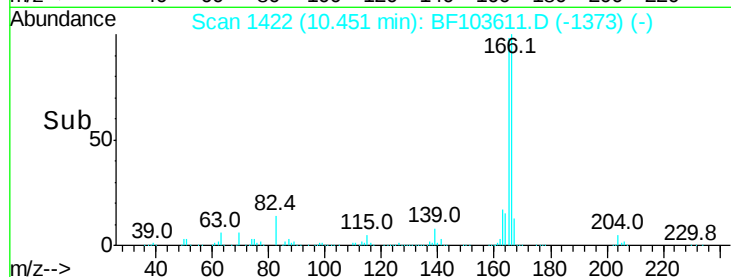
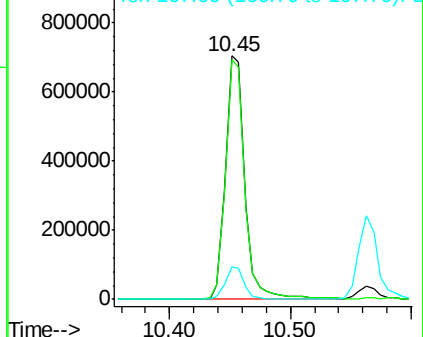
166 100

165 98.7 79.8 119.8

167 13.4 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.750 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion:232 Resp: 168887

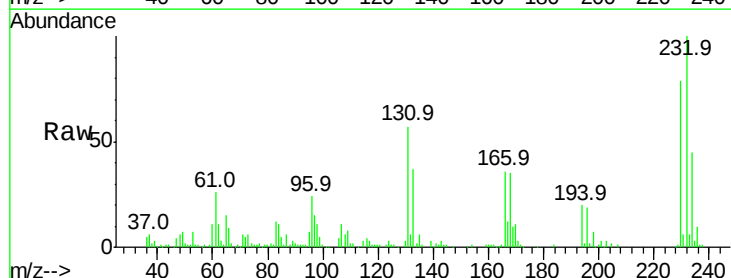
Ion Ratio Lower Upper

232 100

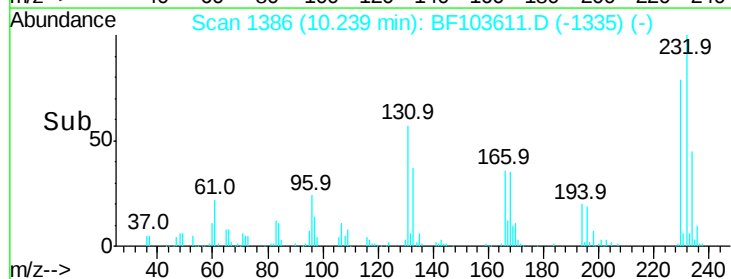
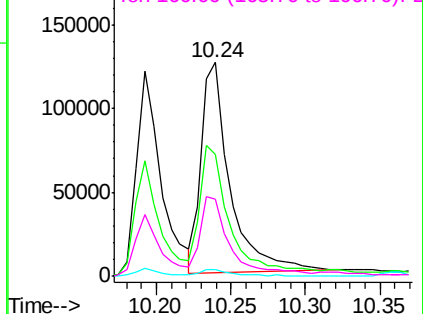
131 58.2 43.8 65.8

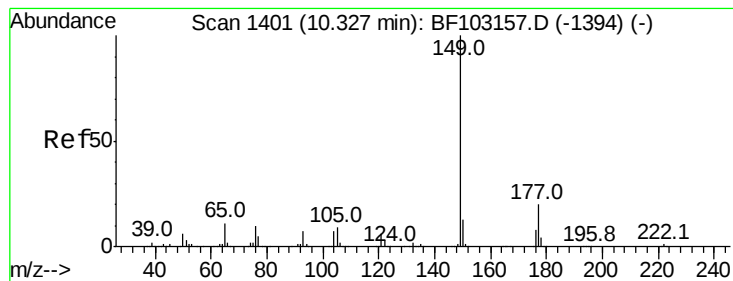
130 3.3 2.1 3.1#

166 34.8 27.8 41.6



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





#59

Diethylphthalate

Concen: 41.915 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

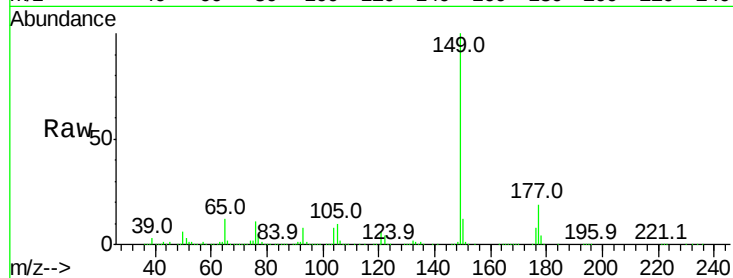
Tot Ion:149 Resp: 893916

Ion Ratio Lower Upper

149 100

177 19.5 16.1 24.1

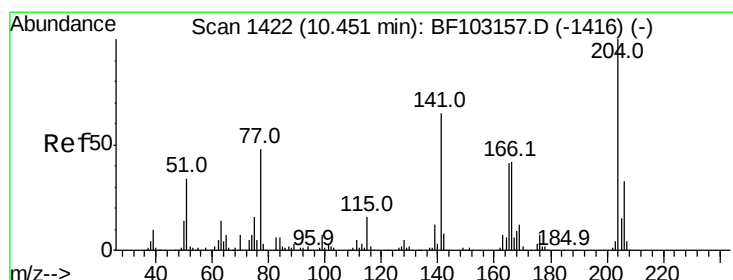
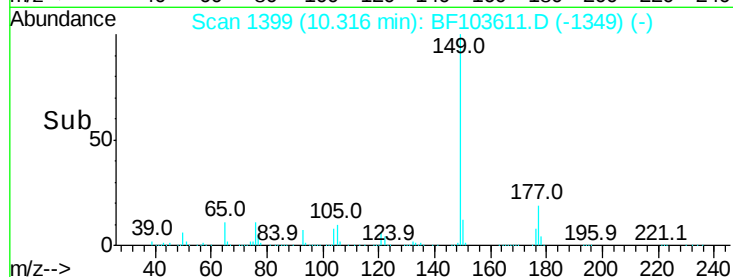
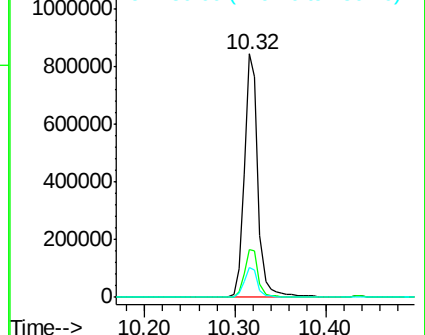
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.144 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

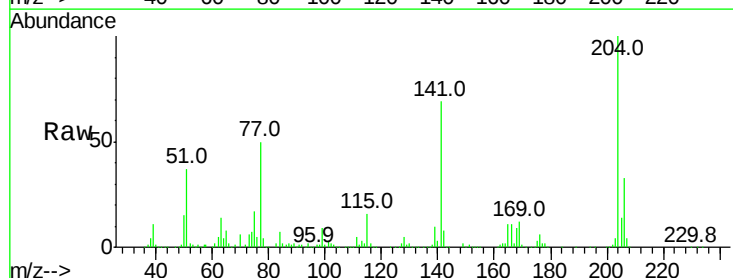
Tgt Ion:204 Resp: 345505

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

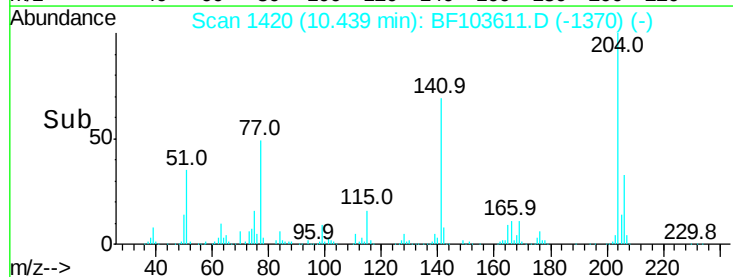
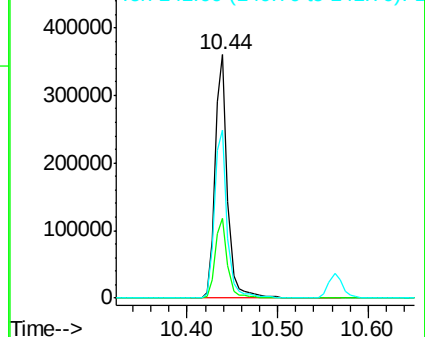
141 68.8 54.6 81.8

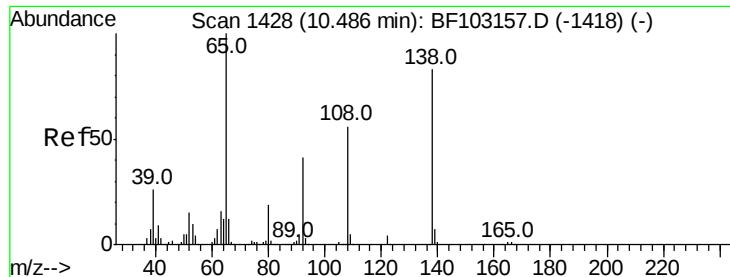


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.935 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampled :

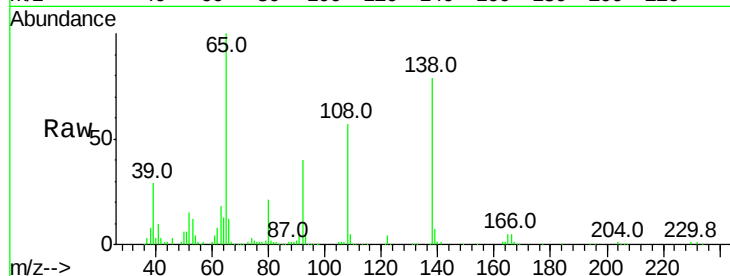
Tot Ion:138 Resp: 219021

Ion Ratio Lower Upper

138 100

92 51.3 30.2 70.2

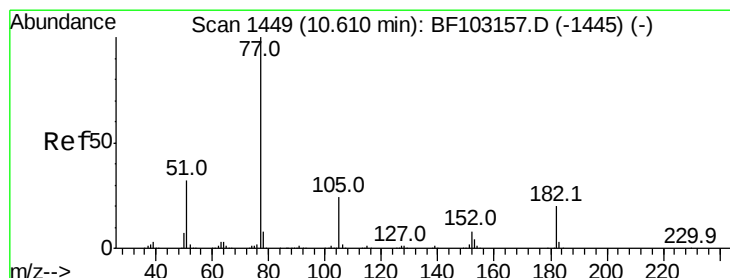
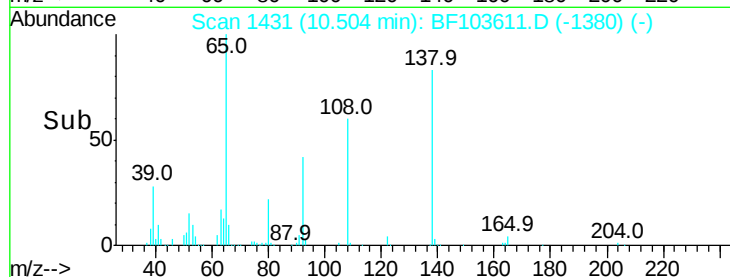
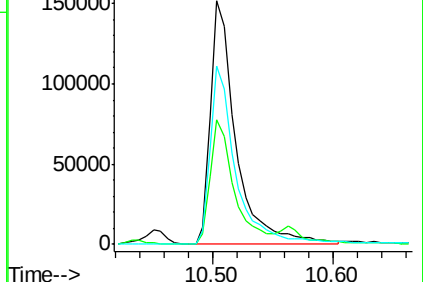
108 73.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.873 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion: 77 Resp: 974108

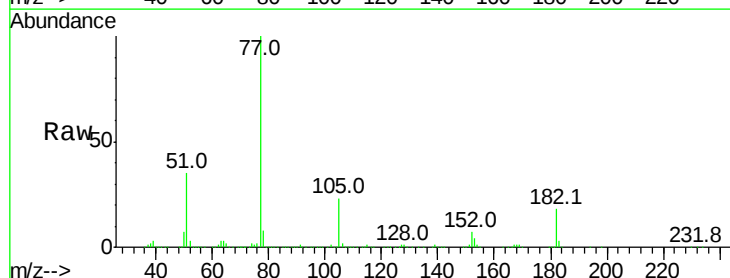
Ion Ratio Lower Upper

77 100

182 18.0 1.7 41.7

105 22.9 3.0 43.0

51 35.2 9.9 49.9

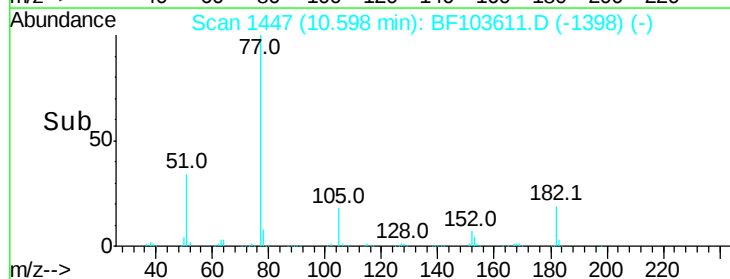
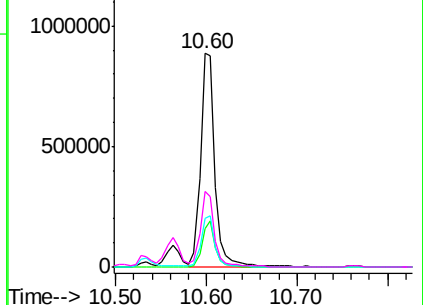


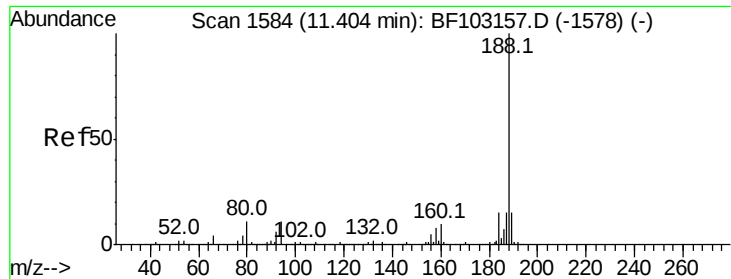
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampleId :

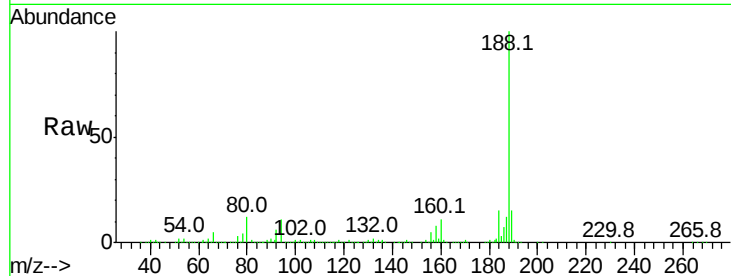
Tot Ion:188 Resp: 489215

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

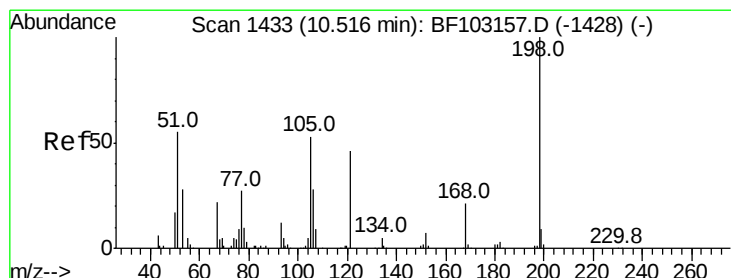
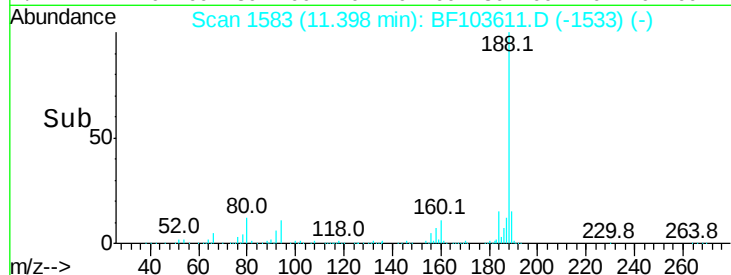
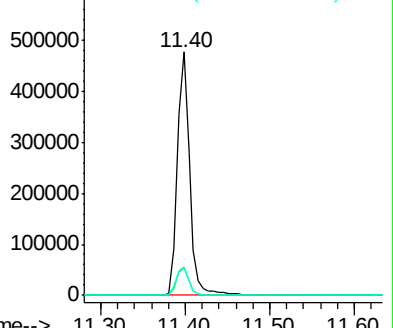
80 12.0 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 29.503 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

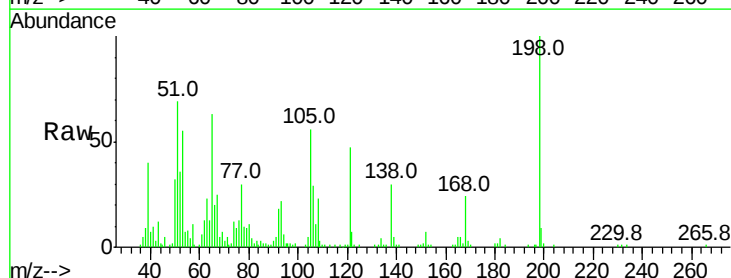
Tgt Ion:198 Resp: 81495

Ion Ratio Lower Upper

198 100

51 69.4 37.7 77.7

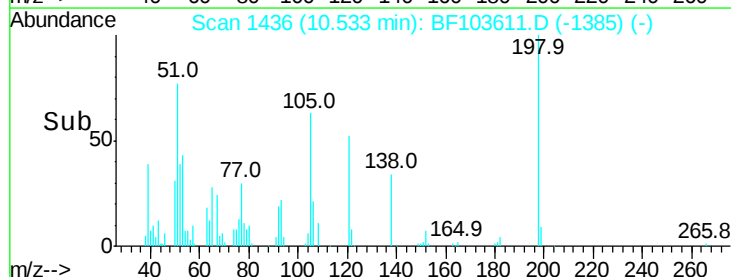
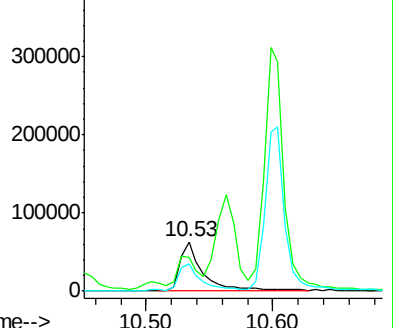
105 55.8 36.3 76.3

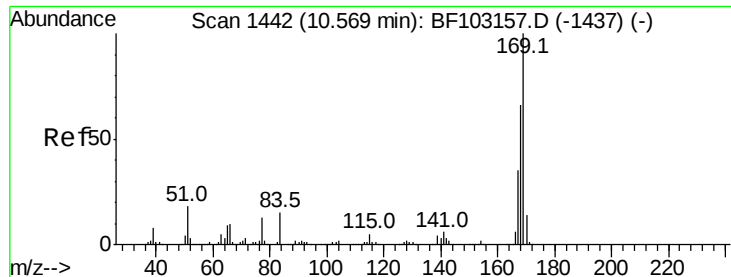


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.254 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampleId :

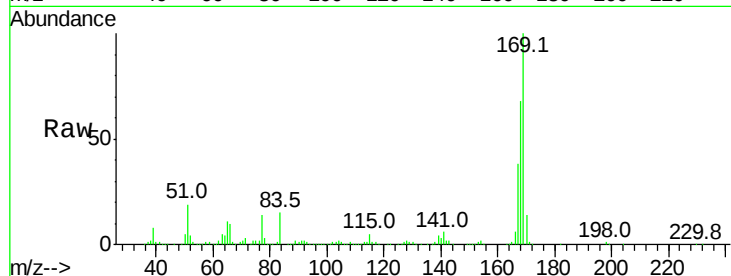
Tot Ion:169 Resp: 702710

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

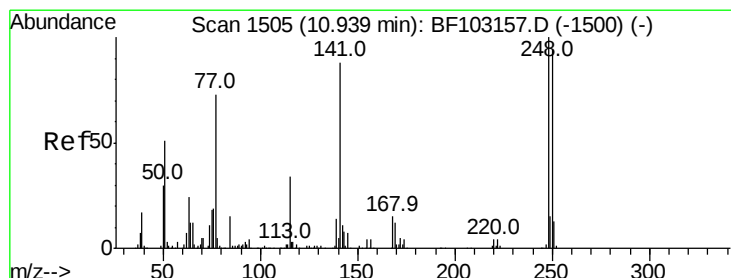
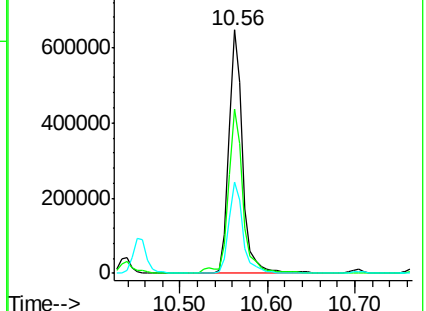
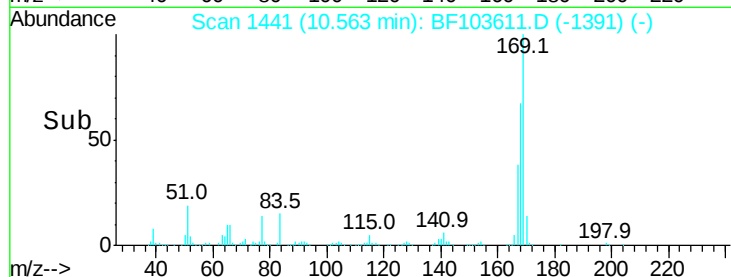
167 37.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.697 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

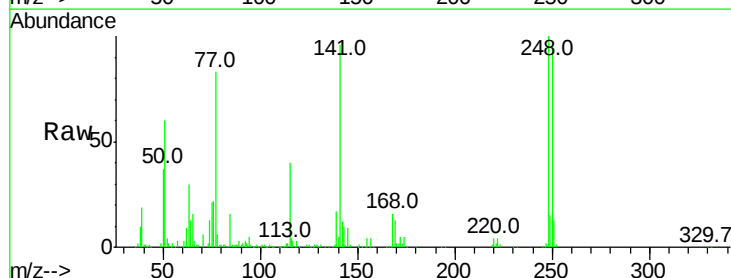
Tgt Ion:248 Resp: 202300

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

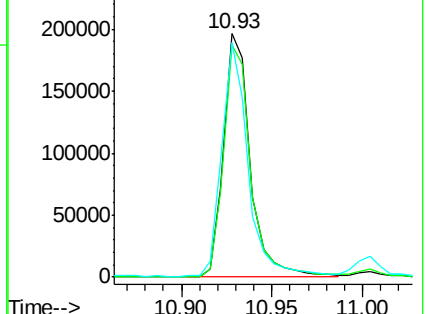
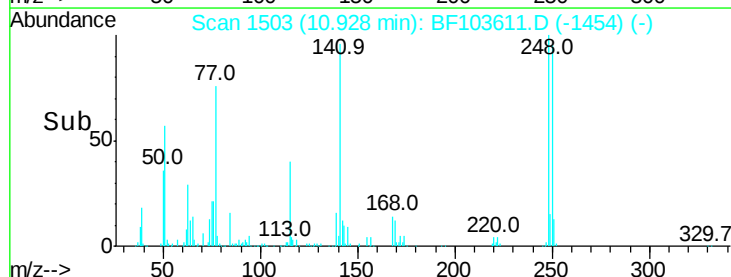
141 96.4 74.4 111.6

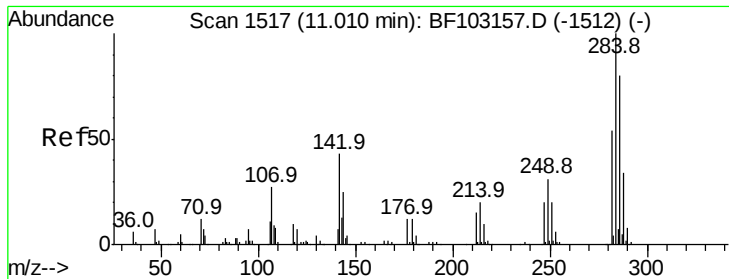


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

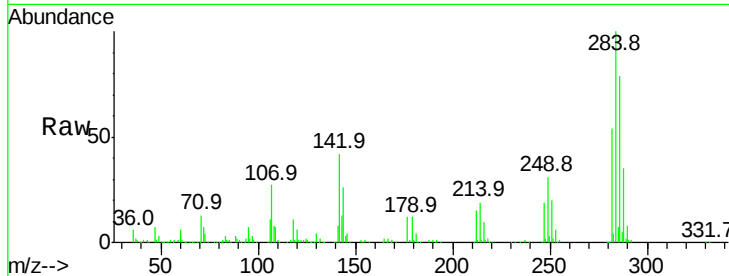




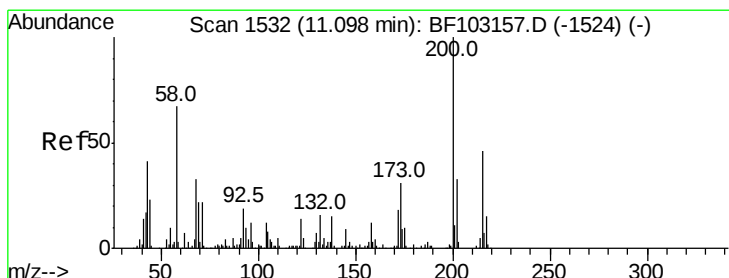
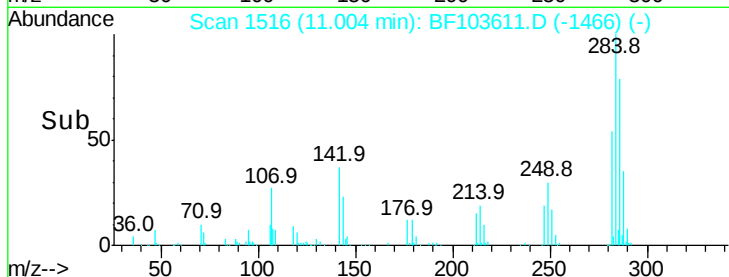
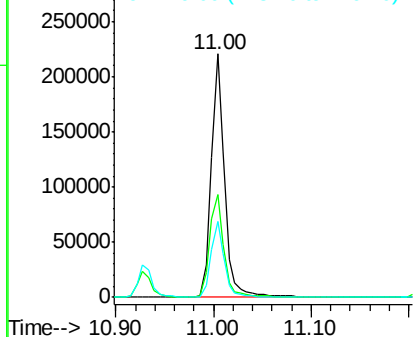
#67
Hexachlorobenzene
Concen: 37.730 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.4	34.6	52.0
249	31.3	24.8	37.2

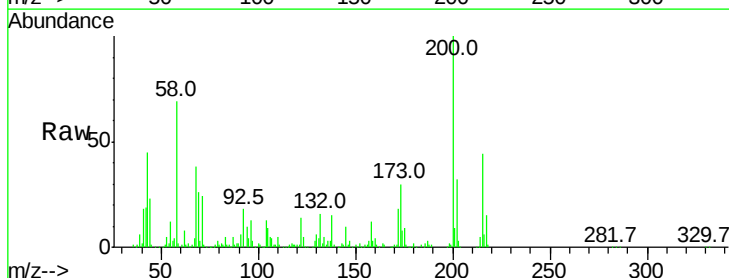


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

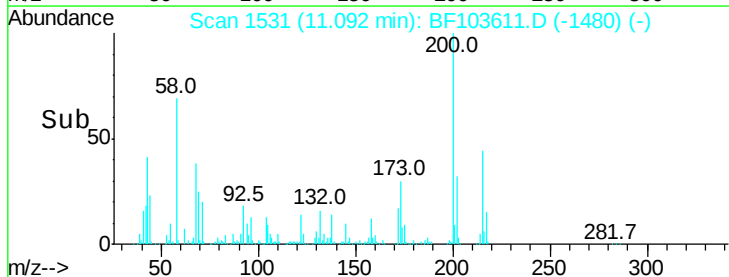
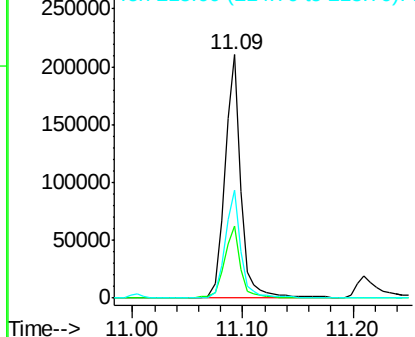


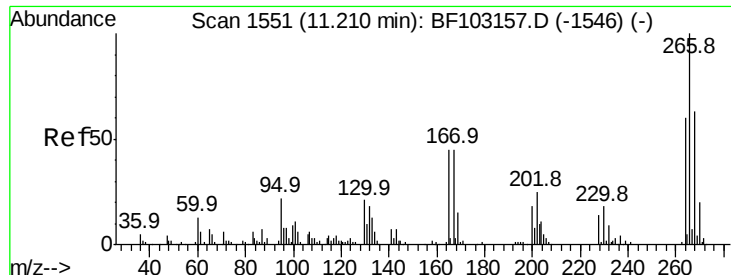
#68
Atrazine
Concen: 41.544 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	8.6	48.6
215	44.5	25.1	65.1



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

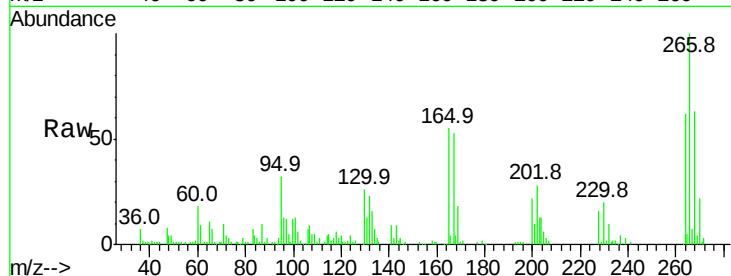




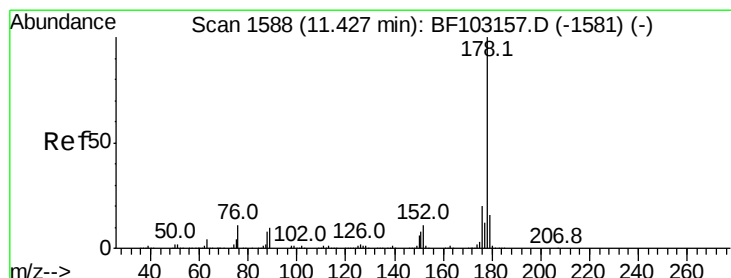
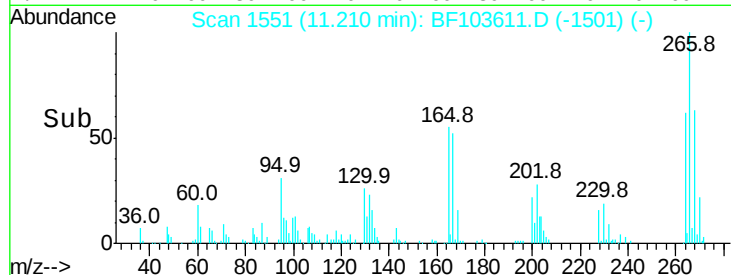
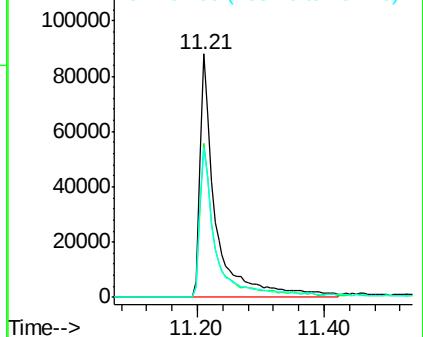
#69
 Pentachlorophenol
 Concen: 57.352 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 153388
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 61.8 49.5 74.3

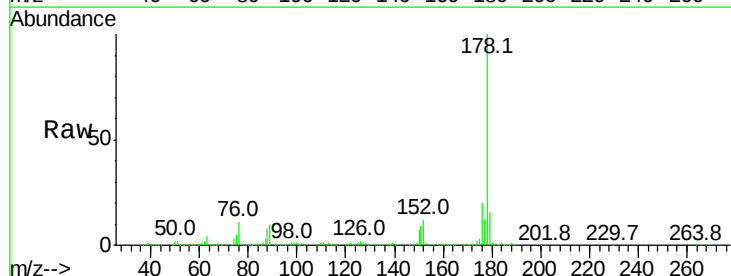


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

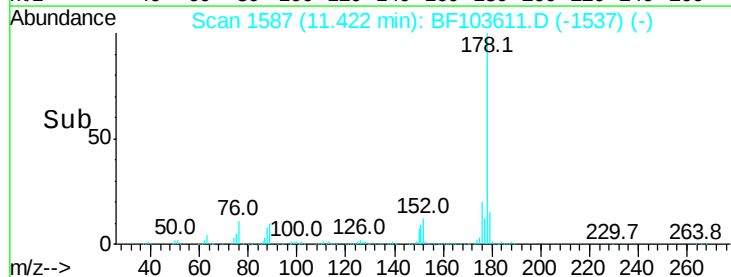
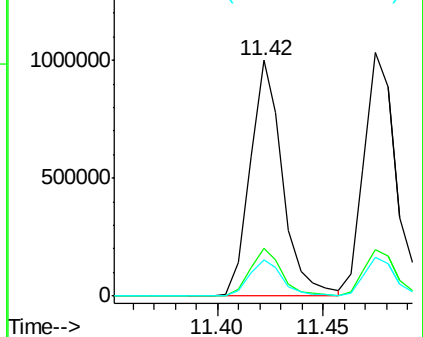


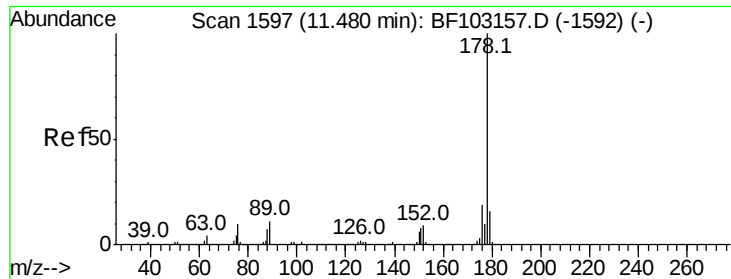
#70
 Phenanthrene
 Concen: 39.554 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:178 Resp: 1064923
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.5 13.0 19.6



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

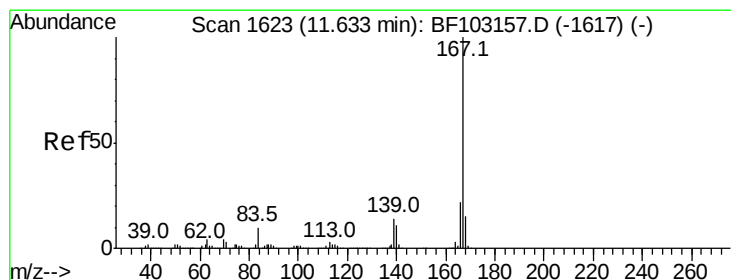
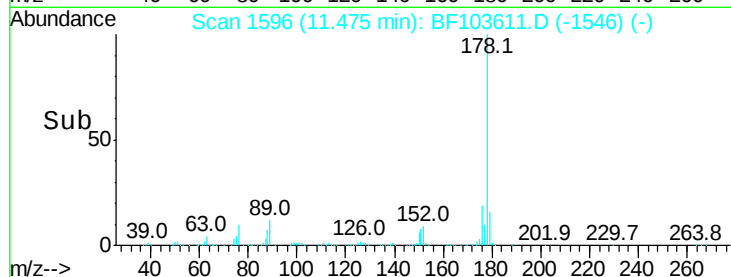
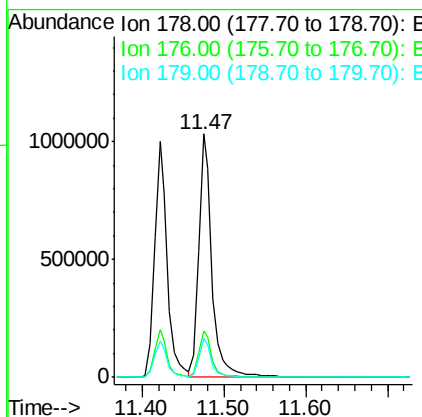
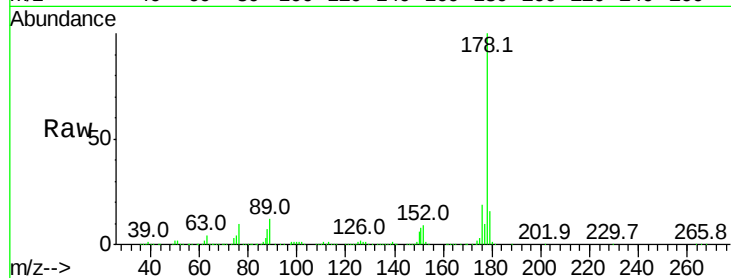




#71
 Anthracene
 Concen: 42.292 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

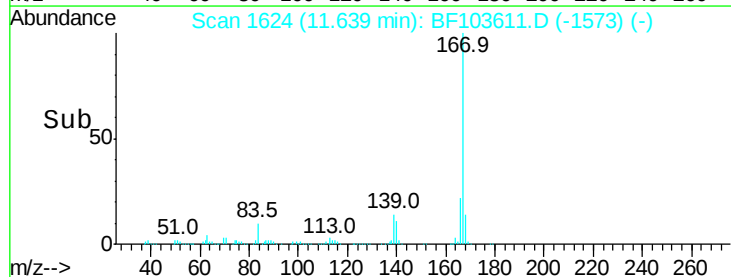
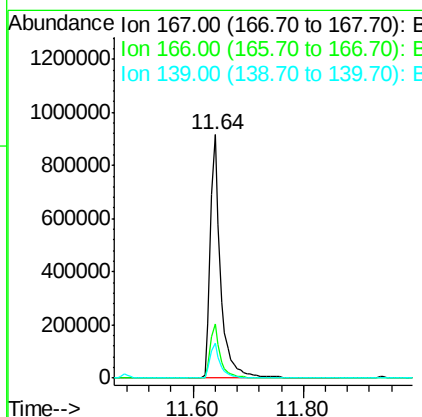
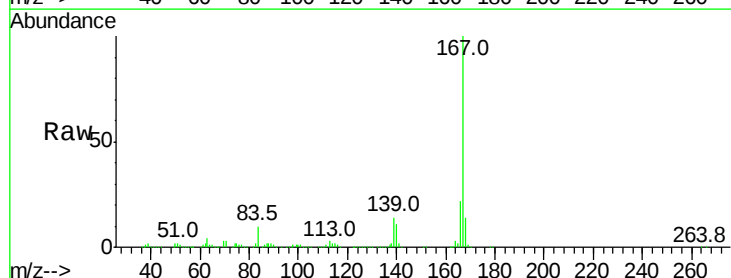
Instrument :
 BNA_F
 ClientSampleId :

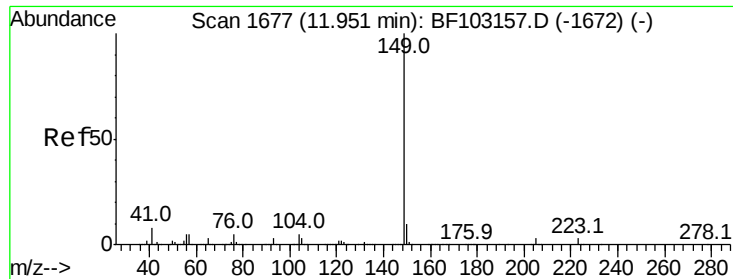
Tot Ion:178 Resp: 1167590
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 42.191 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:167 Resp: 1159949
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.454 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

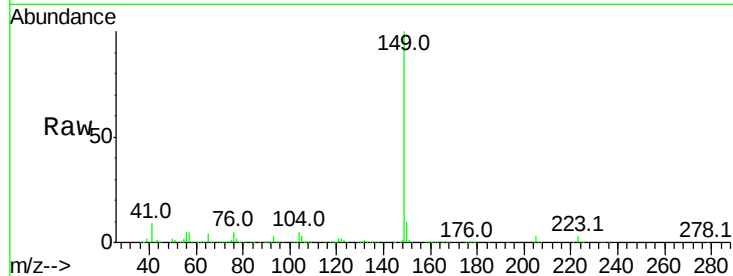
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1426079

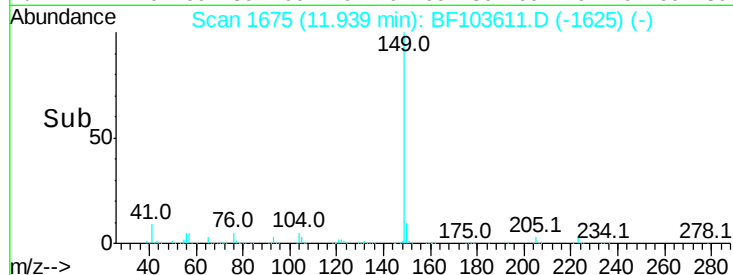
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.2	3.8	5.8



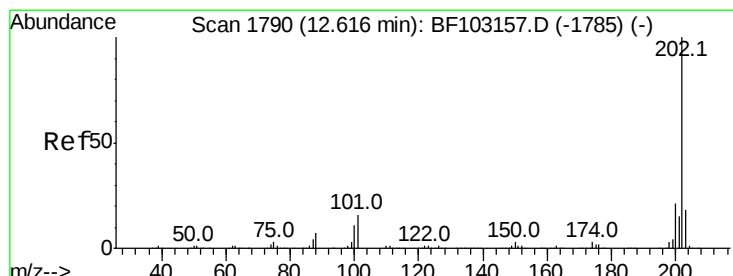
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 38.611 ng

RT: 12.62 min Scan# 1790

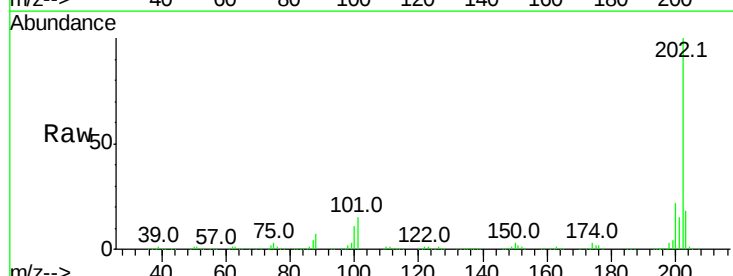
Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion:202 Resp: 1044606

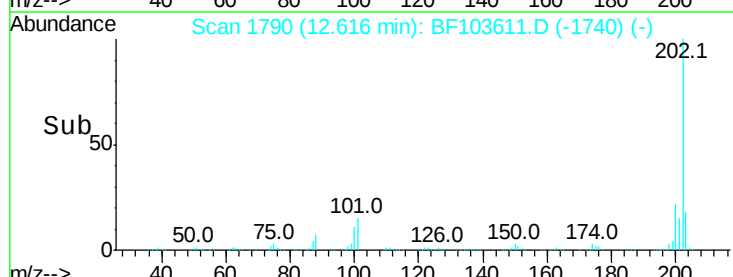
Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.9	0.0	38.1



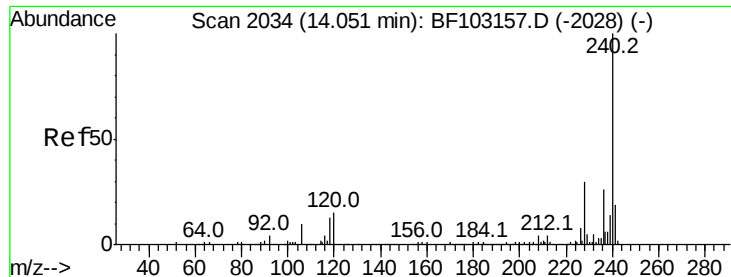
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampleId :

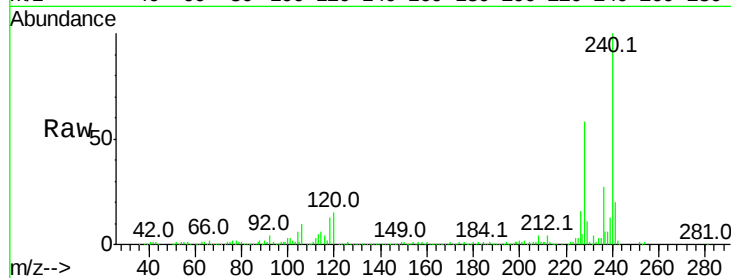
Tot Ion:240 Resp: 278195

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

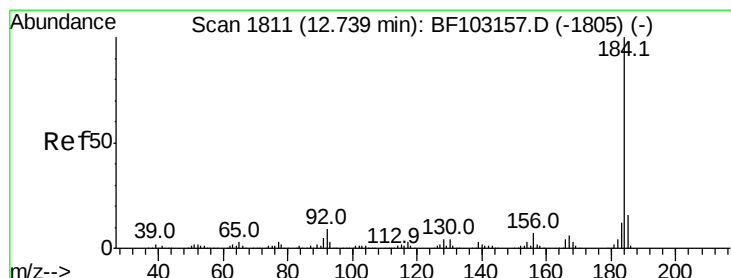
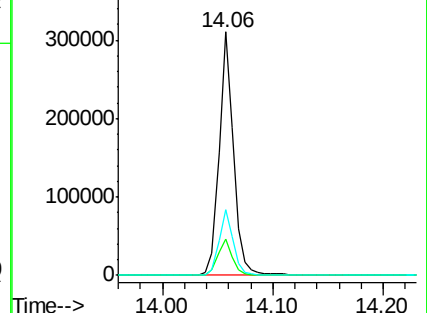
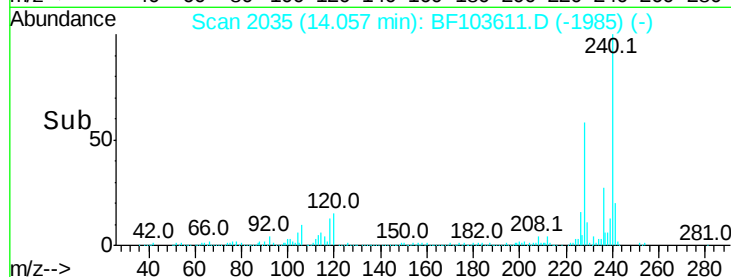
236 27.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.902 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

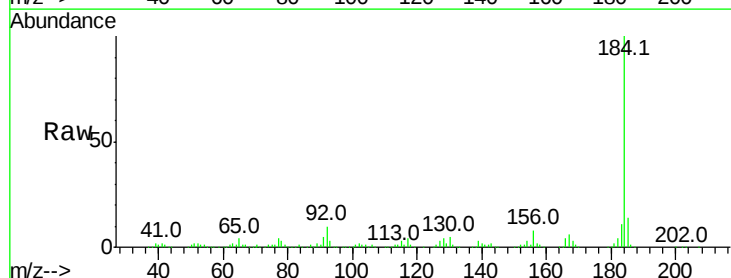
Tgt Ion:184 Resp: 591800

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

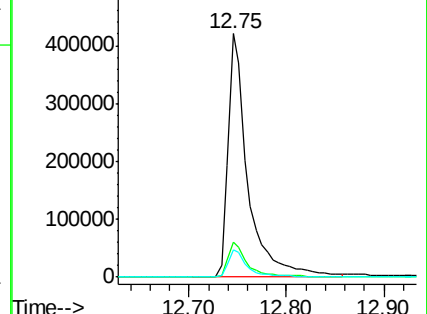
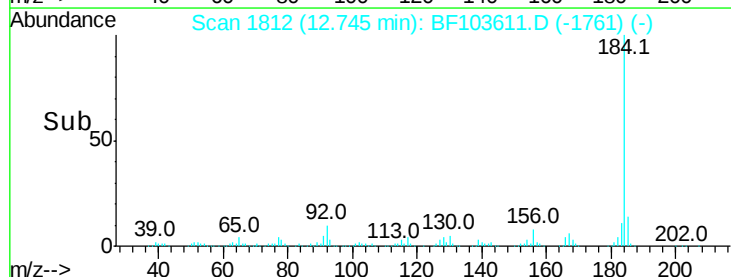
183 11.1 9.3 13.9

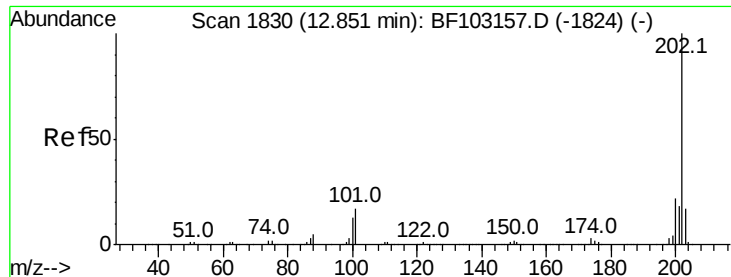


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

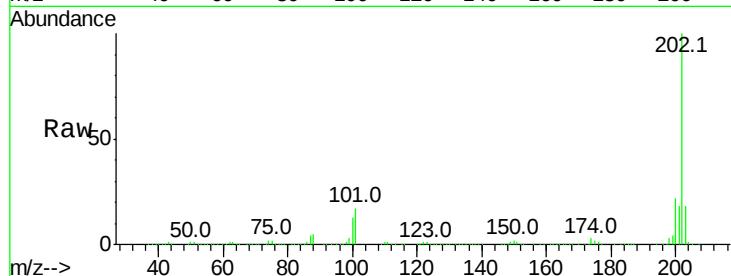




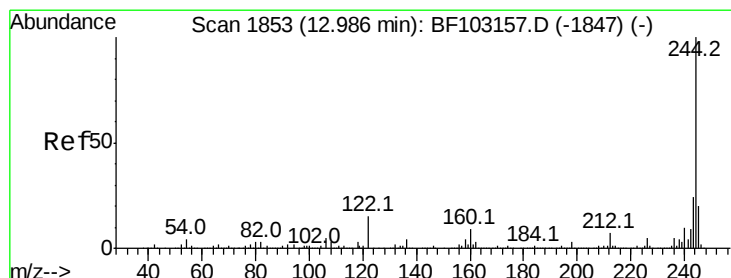
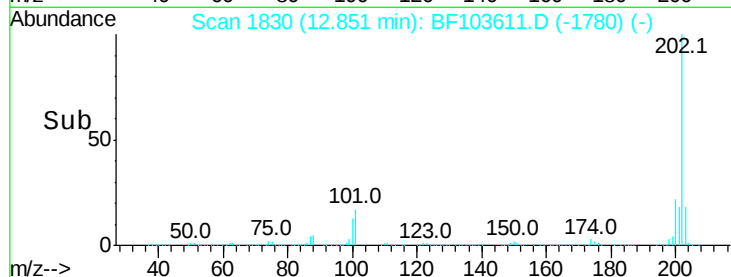
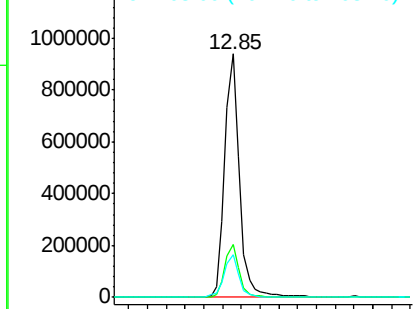
#77
Pvrene
Concen: 47.318 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1026319
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.6 14.3 21.5

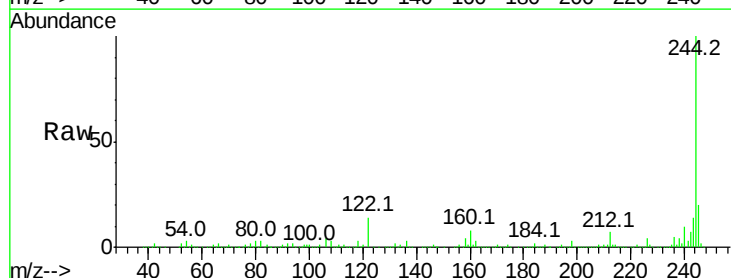


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

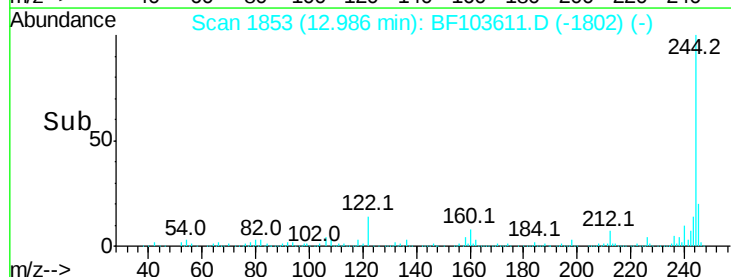
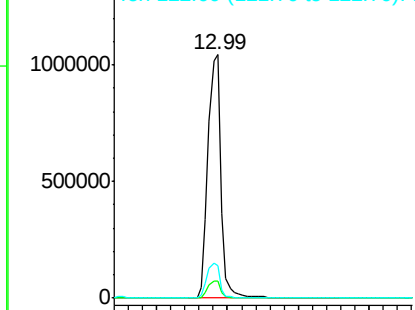


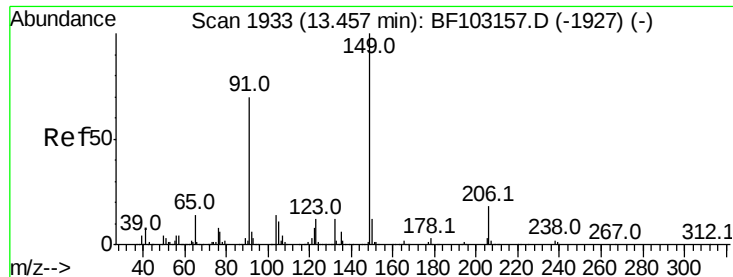
#78
Terphenyl-d14
Concen: 116.384 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:244 Resp: 1346888
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.019 ng

RT: 13.45 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Instrument :

BNA_F

ClientSampleId :

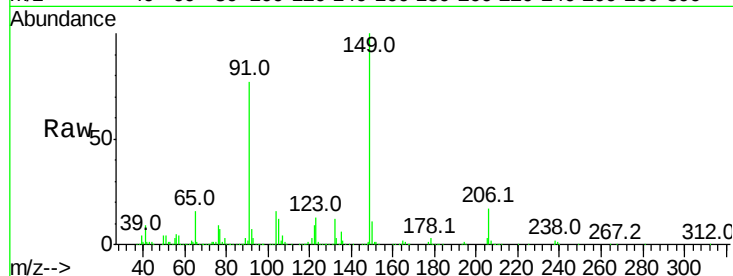
Tot Ion:149 Resp: 584659

Ion Ratio Lower Upper

149 100

91 77.2 56.8 85.2

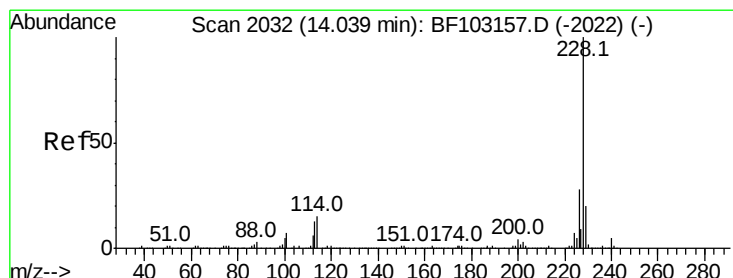
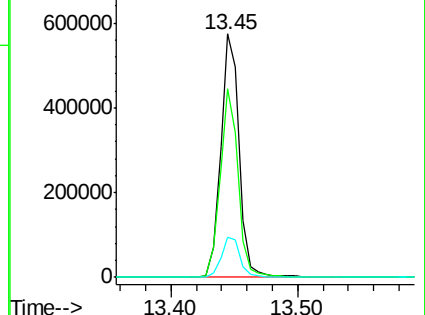
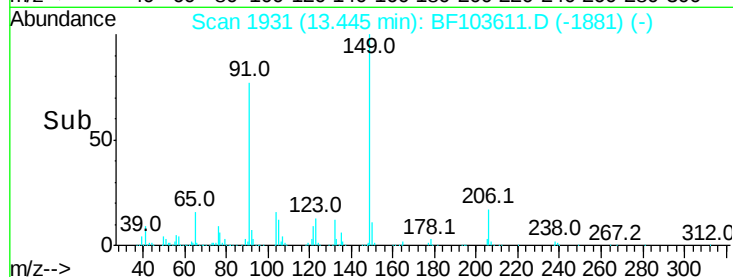
206 16.7 14.1 21.1



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



#80

Benzo(a)anthracene

Concen: 40.118 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

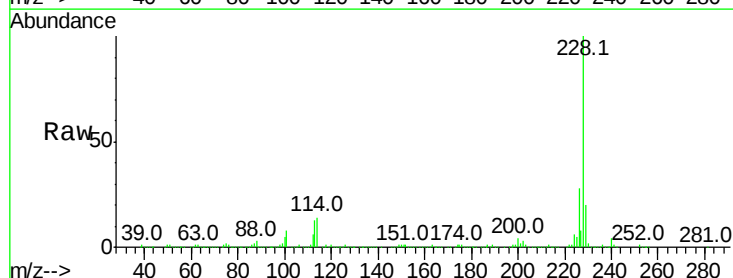
Tgt Ion:228 Resp: 724146

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

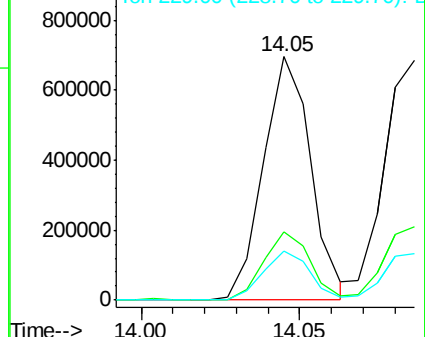
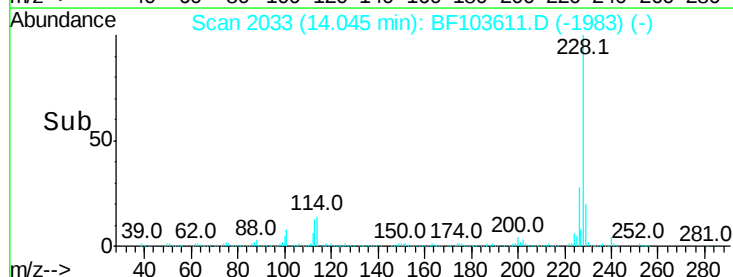
229 20.3 15.8 23.6

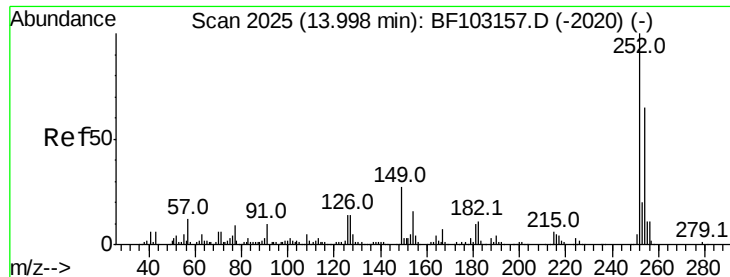


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

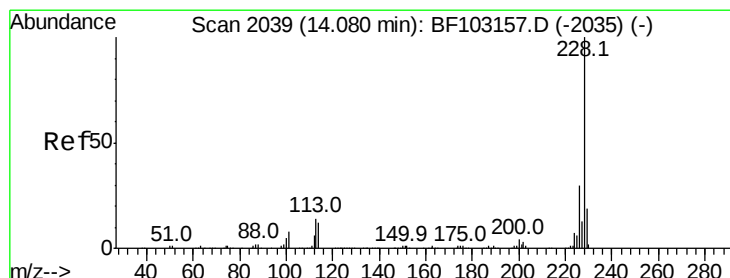
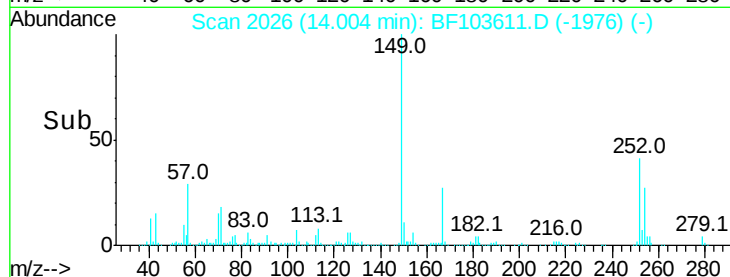
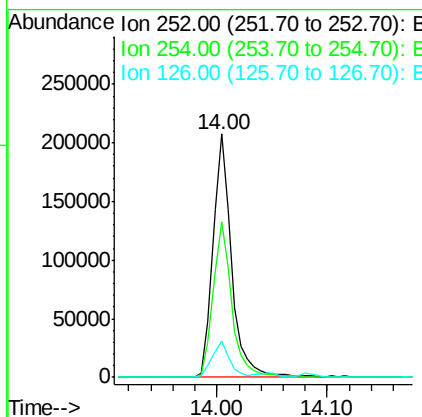
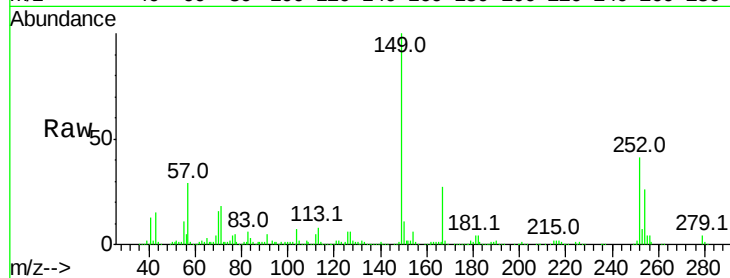




#81
 3,3'-Dichlorobenzidine
 Concen: 37.349 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

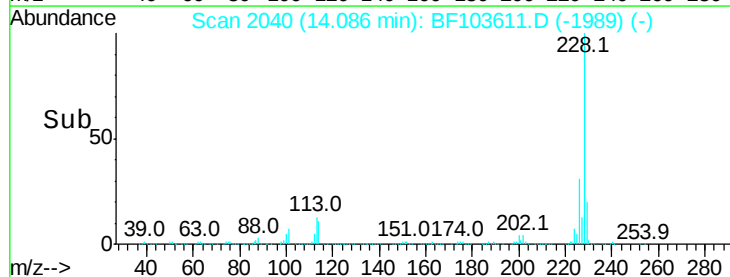
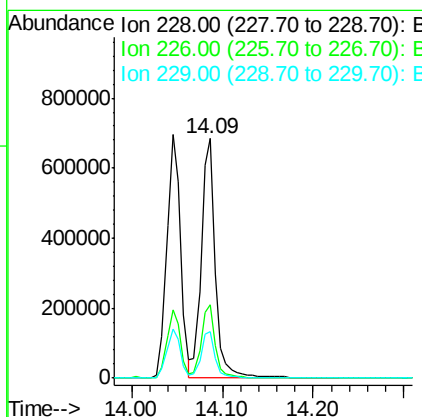
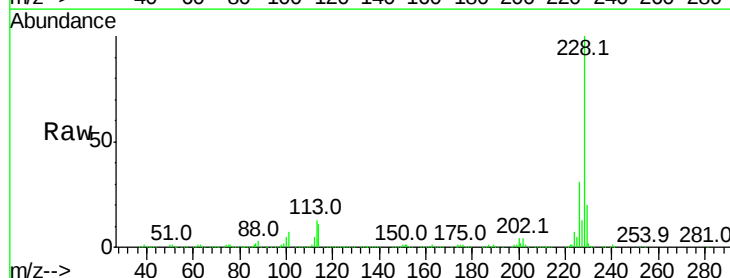
Instrument :
 BNA_F
 ClientSampled :

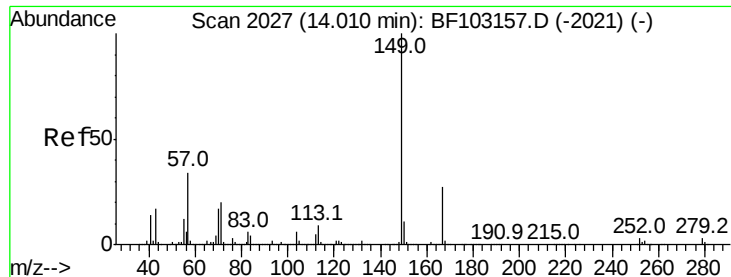
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	14.7	11.3	16.9



#82
 Chrysene
 Concen: 42.403 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.6	16.2	24.4

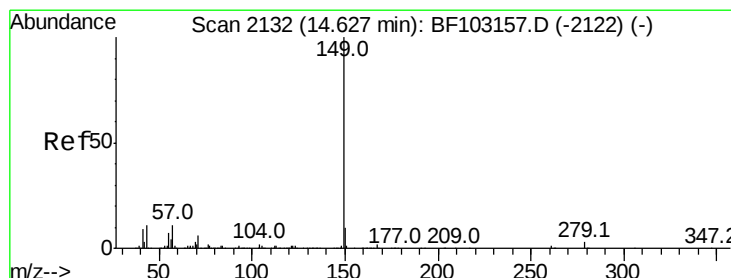
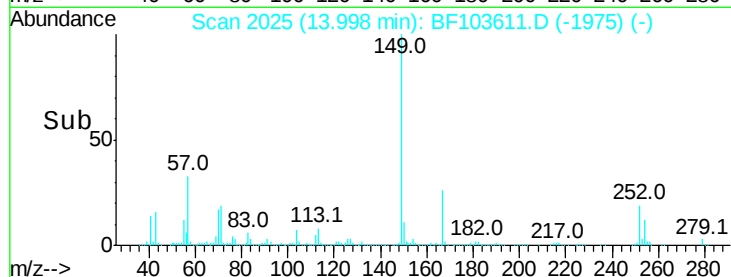
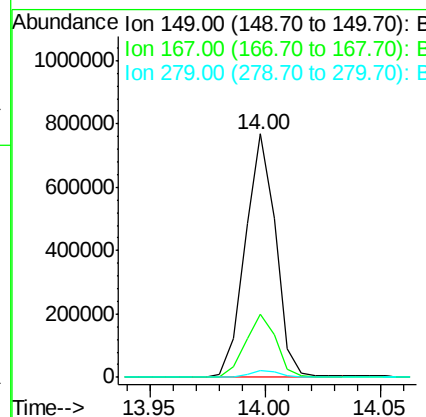
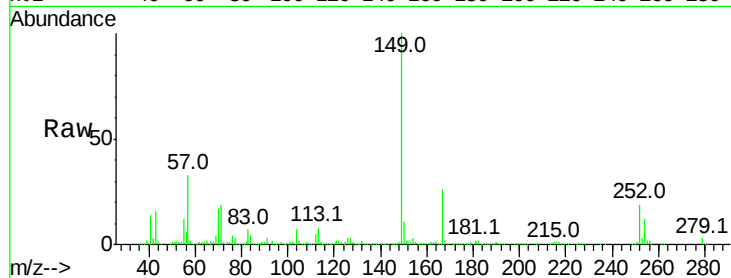




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.792 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

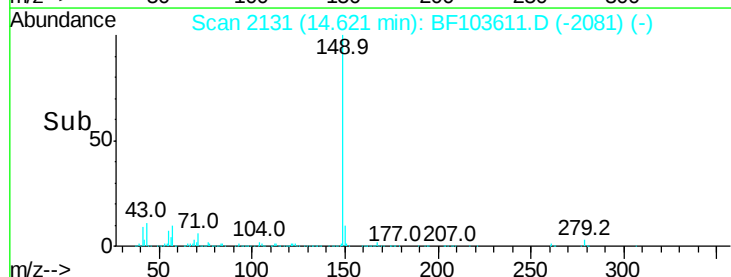
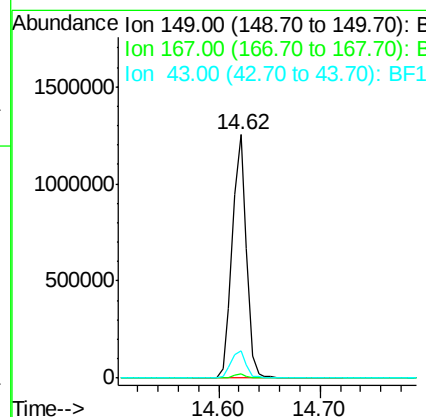
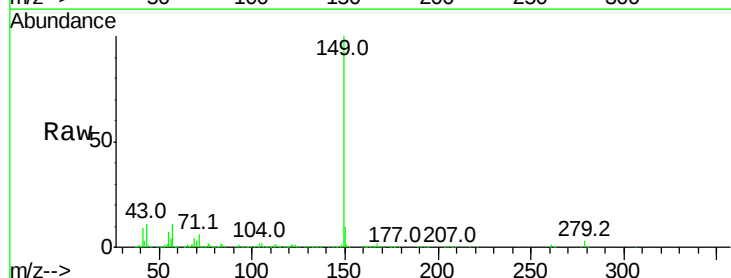
Instrument :
 BNA_F
 ClientSampleId :

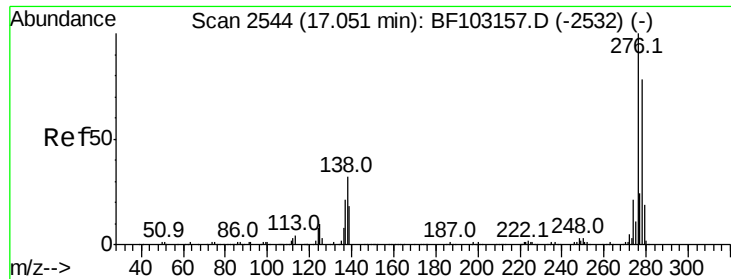
Tot Ion:149 Resp: 708149
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 48.612 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:149 Resp: 1214606
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.8 8.4 12.6

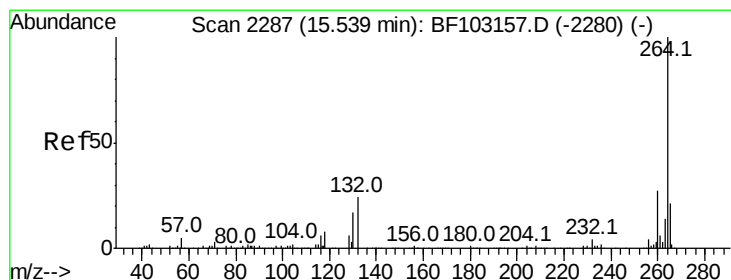
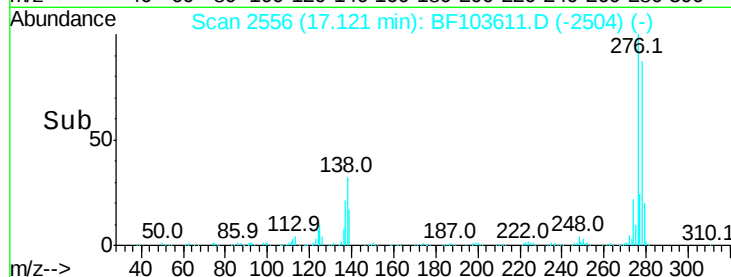
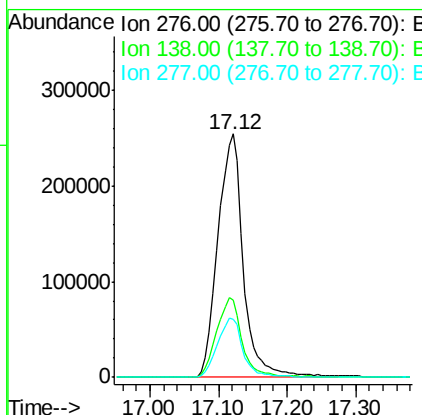
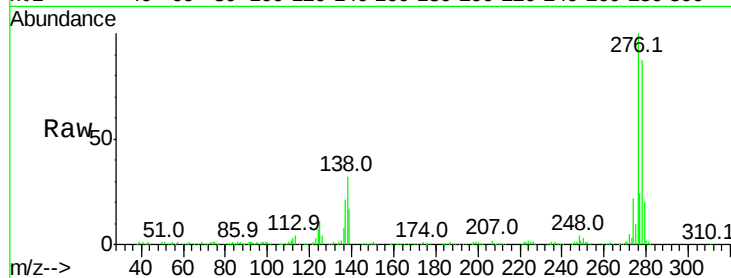




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.337 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

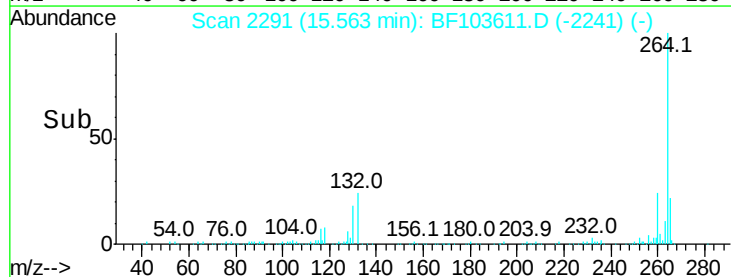
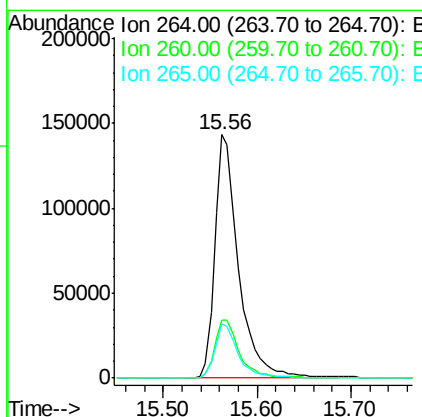
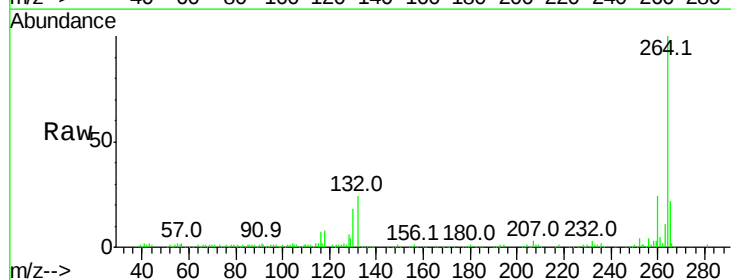
Instrument :
BNA_F
ClientSampleId :

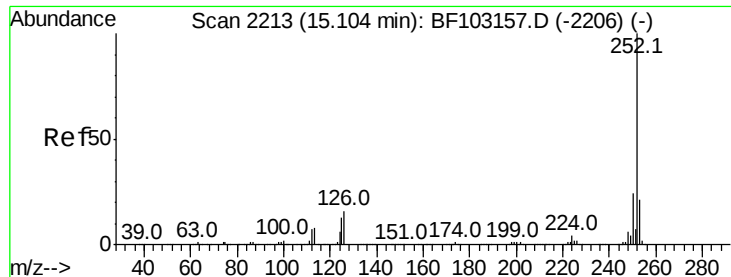
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	24.8	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

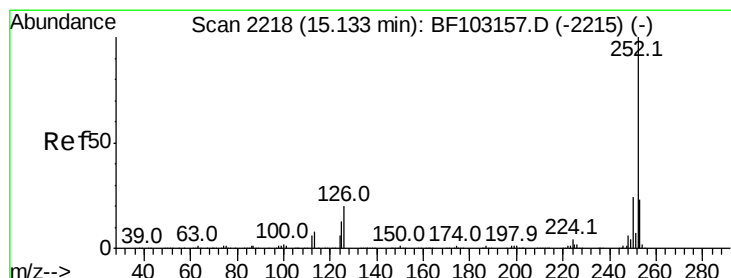
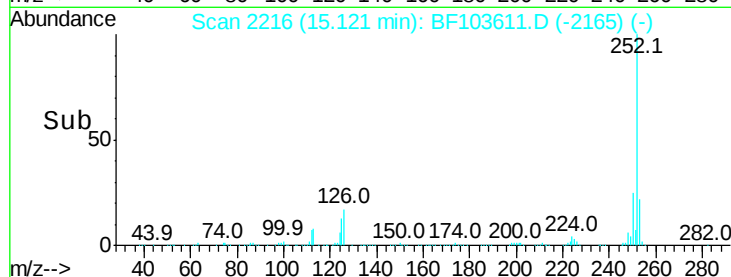
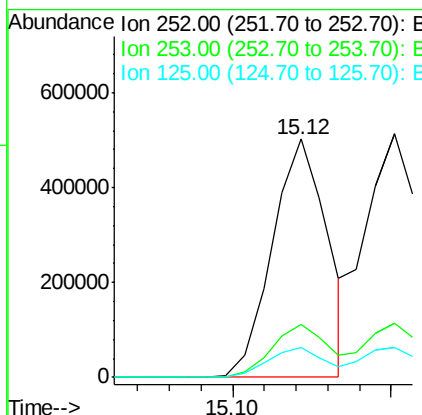
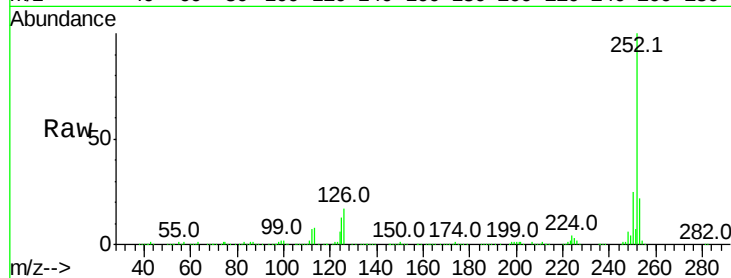




#87
Benzo(b)fluoranthene
Concen: 36.300 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

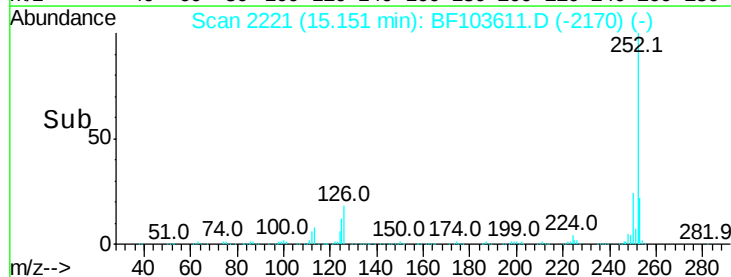
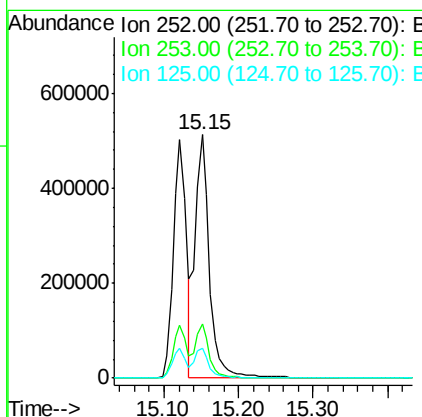
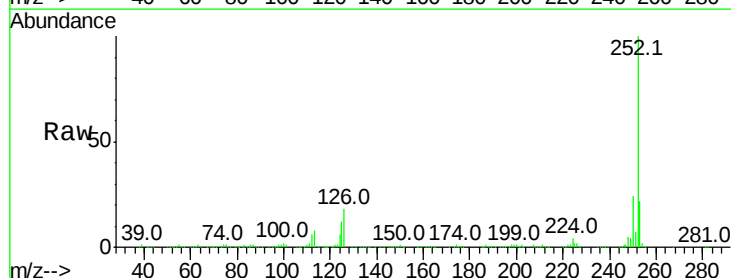
Instrument :
BNA_F
ClientSampleId :

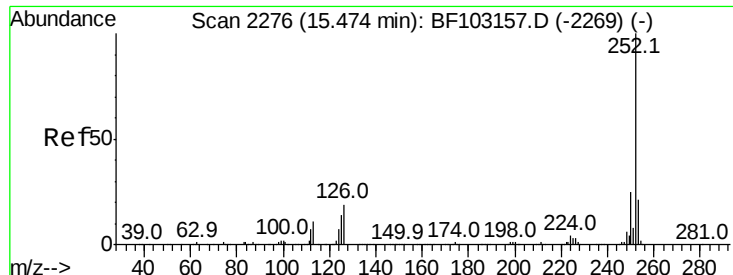
Tot Ion:252 Resp: 606443
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.581 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:252 Resp: 685606
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.2 10.2 15.2

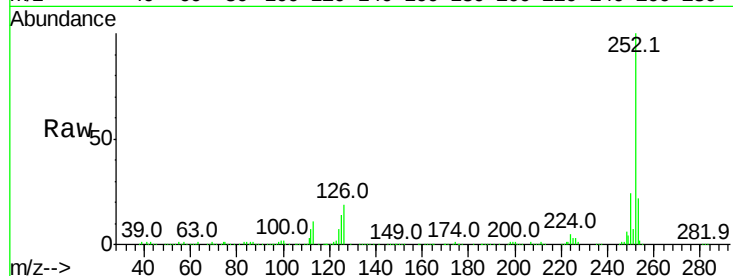




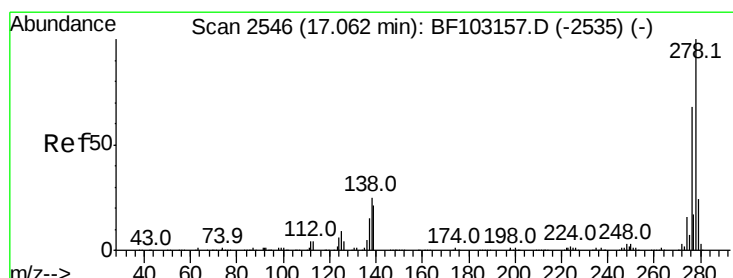
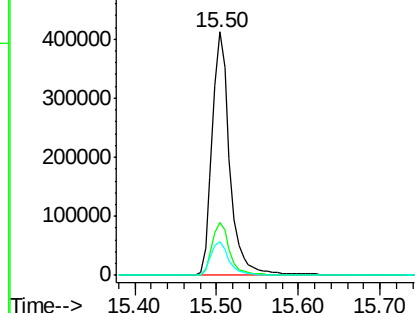
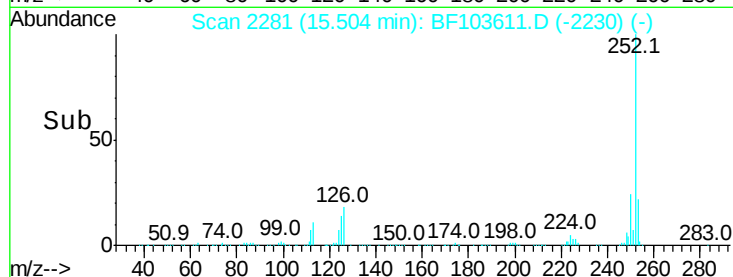
#89
Benzo(a)pyrene
Concen: 41.565 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 620112
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.9 9.8 14.6

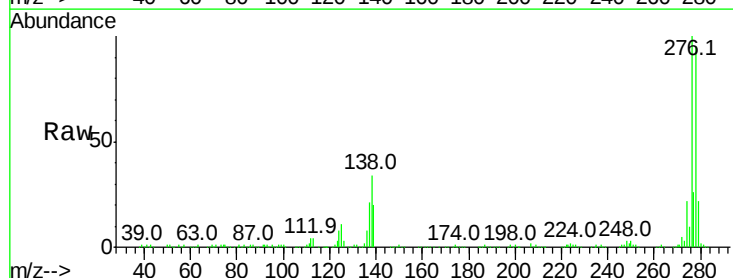


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

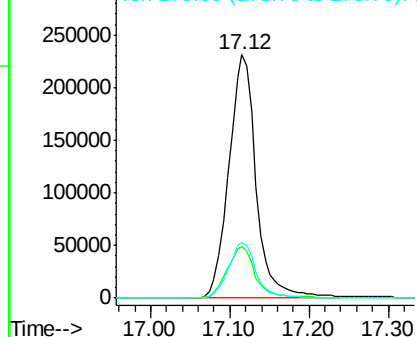
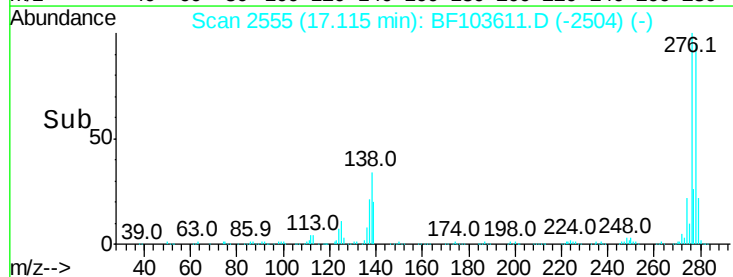


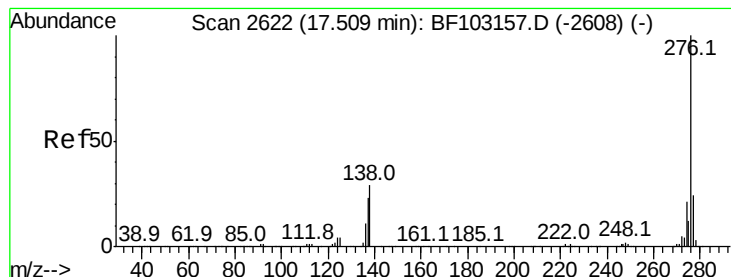
#90
Dibenzo(a,h)anthracene
Concen: 47.830 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:278 Resp: 551388
Ion Ratio Lower Upper
278 100
139 21.2 15.9 23.9
279 22.7 19.0 28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 48.943 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	28.9	21.8	32.8

