

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103547.D
 Acq On : 9 Mar 2018 6:03
 Operator : SJ/JU
 Sample : PB107179BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 06:45:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134302	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	532151	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	205402	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	308265	20.00	ng	0.00
75) Chrysene-d12	14.06	240	208753	20.00	ng	0.00
86) Perylene-d12	15.56	264	159235	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	557085	62.74	ng	0.00
7) Phenol-d6	6.50	99	663049	61.02	ng	0.00
23) Nitrobenzene-d5	7.43	82	594407	63.79	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	76045	43.74	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	846526	67.57	ng	0.00
78) Terphenyl-d14	12.98	244	563040	64.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	117053	24.958	ng	94
3) Pyridine	3.49	79	278315	22.228	ng	97
4) n-Nitrosodimethylamine	3.44	42	139304	27.587	ng	# 92
6) Aniline	6.54	93	140554	8.963	ng	# 53
8) 2-Chlorophenol	6.65	128	284827	30.876	ng	90
9) Benzaldehyde	6.42	77	158562	20.925	ng	93
10) Phenol	6.52	94	361691	28.674	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	262370	27.405	ng	95
12) 1,3-Dichlorobenzene	6.80	146	297185	28.191	ng	97
13) 1,4-Dichlorobenzene	6.88	146	315032	29.807	ng	100
14) 1,2-Dichlorobenzene	7.03	146	273196	28.033	ng	98
15) Benzyl Alcohol	7.02	79	220777	26.964	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	456918	27.793	ng	66
17) 2-Methylphenol	7.12	107	235183	28.054	ng	# 88
18) Hexachloroethane	7.37	117	83435	21.685	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	219646	32.480	ng	96
20) 3+4-Methylphenols	7.29	107	316479	30.970	ng	# 81
22) Acetophenone	7.27	105	412480	33.207	ng	# 93
24) Nitrobenzene	7.45	77	316618	30.861	ng	95
25) Isophorone	7.69	82	586432	31.954	ng	97
26) 2-Nitrophenol	7.77	139	118184	24.470	ng	94
27) 2,4-Dimethylphenol	7.80	122	240839	32.623	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	359055	33.276	ng	99
29) 2,4-Dichlorophenol	8.02	162	217700	30.801	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	210095	27.913	ng	98
31) Naphthalene	8.17	128	796313	30.565	ng	100
32) Benzoic acid	7.93	122	67306	17.433	ng	95
33) 4-Chloroaniline	8.24	127	102444	9.112	ng	# 93
34) Hexachlorobutadiene	8.27	225	106750	27.236	ng	99
35) Caprolactam	8.60	113	69131	27.830	ng	# 84
36) 4-Chloro-3-methylphenol	8.72	107	240904	30.218	ng	98
37) 2-Methylnaphthalene	8.86	142	488418	29.008	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	176288	31.394	ng	98
40) Hexachlorocyclopentadiene	8.92	237	148	8.948	ng	# 26

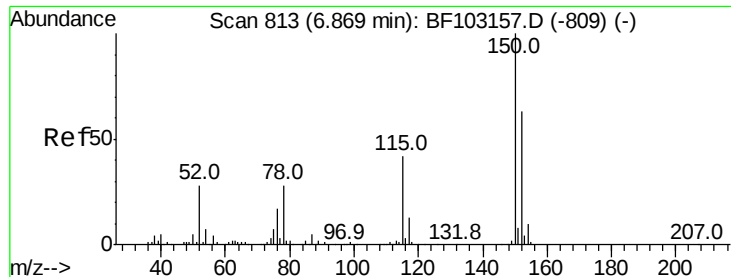
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103547.D
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	112927	29.888	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	116520	26.813	nq	97
45) 1,1'-Biphenyl	9.32	154	544624	31.643	nq	98
46) 2-Chloronaphthalene	9.35	162	418782	30.755	nq	99
47) 2-Nitroaniline	9.46	65	181048	35.894	nq	88
48) Acenaphthylene	9.77	152	618899	29.541	nq	100
49) Dimethylphthalate	9.62	163	485733	29.478	nq	99
50) 2,6-Dinitrotoluene	9.70	165	90796	26.258	nq	# 90
51) Acenaphthene	9.94	154	359037	29.389	nq	99
52) 3-Nitroaniline	9.87	138	99576	22.697	nq	92
53) 2,4-Dinitrophenol	10.06	184	1582	10.735	nq	# 1
54) Dibenzofuran	10.11	168	516339	30.789	nq	93
55) 4-Nitrophenol	10.06	139	77127	28.366	nq	# 81
56) 2,4-Dinitrotoluene	10.12	165	103296	23.620	nq	# 62
57) Fluorene	10.46	166	400384	28.026	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	81962	28.076	nq	97
59) Diethylphthalate	10.32	149	477477	30.298	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	181800	30.009	nq	93
61) 4-Nitroaniline	10.49	138	115765	26.419	nq	96
62) Azobenzene	10.60	77	490717	30.591	nq	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	2119	5.959	nq	# 34
65) n-Nitrosodiphenylamine	10.56	169	348743	32.492	nq	97
66) 4-Bromophenyl-phenylether	10.93	248	97494	30.361	nq	99
67) Hexachlorobenzene	11.01	284	95356	27.358	nq	98
68) Atrazine	11.09	200	99256	30.767	nq	97
69) Pentachlorophenol	11.22	266	54645	32.425	nq	# 89
70) Phenanthrene	11.42	178	492877	29.053	nq	99
71) Anthracene	11.48	178	539500	31.012	nq	99
72) Carbazole	11.64	167	519420	29.983	nq	99
73) Di-n-butylphthalate	11.94	149	677243	31.242	nq	99
74) Fluoranthene	12.62	202	491494	28.830	nq	99
76) Benzidine	12.75	184	434212	55.638	nq	98
77) Pyrene	12.85	202	497876	30.590	nq	99
79) Butylbenzylphthalate	13.45	149	275913	32.086	nq	95
80) Benzo(a)anthracene	14.04	228	385646	28.472	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	153259	31.706	nq	99
82) Chrysene	14.09	228	398211	30.279	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	352363	30.365	nq	# 98
84) Di-n-octyl phthalate	14.62	149	638452	34.053	nq	97
85) Indeno(1,2,3-cd)pyrene	17.10	276	267328	25.676	nq	96
87) Benzo(b)fluoranthene	15.12	252	287549	27.465	nq	97
88) Benzo(k)fluoranthene	15.14	252	334604	33.940	nq	99
89) Benzo(a)pyrene	15.50	252	289310	30.944	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	228177	31.584	nq	98
91) Benzo(g,h,i)perylene	17.57	276	220208	31.188	nq	95

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

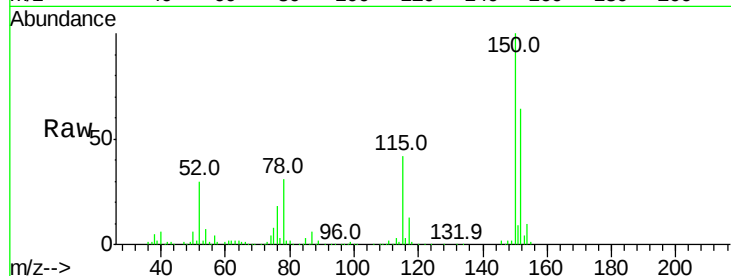


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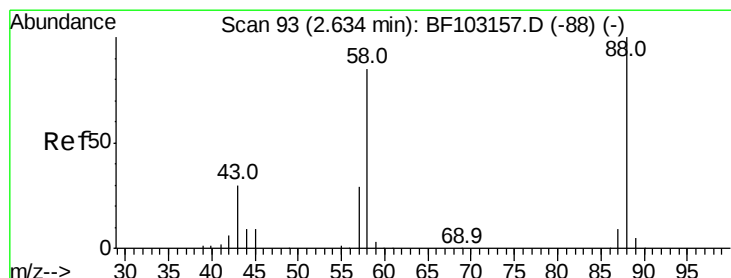
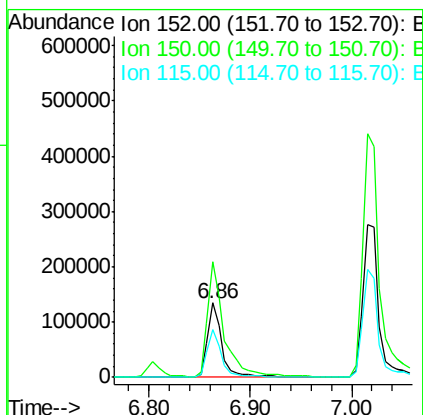
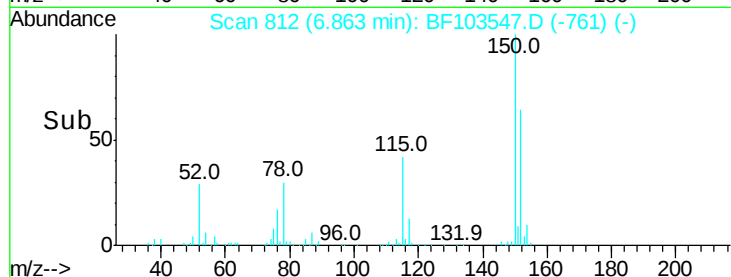
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 134302
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 65.0 50.1 75.1



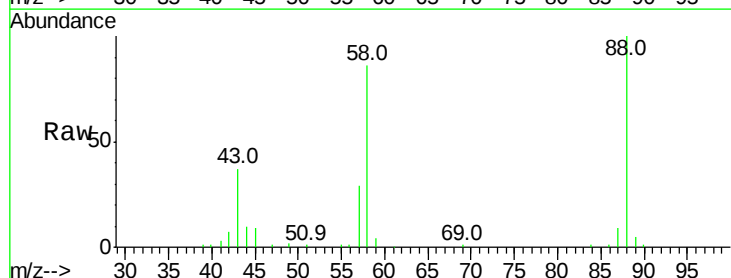
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



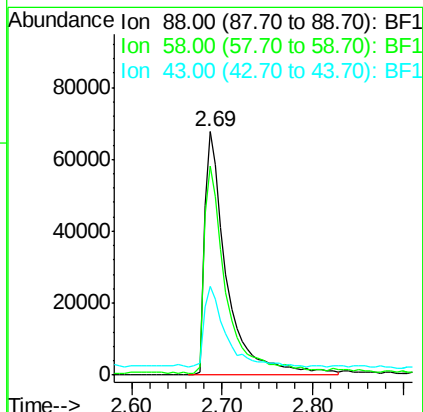
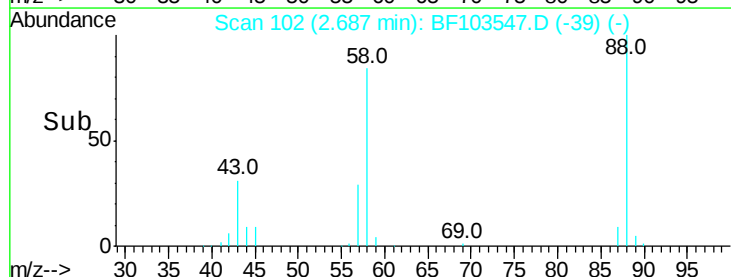
#2

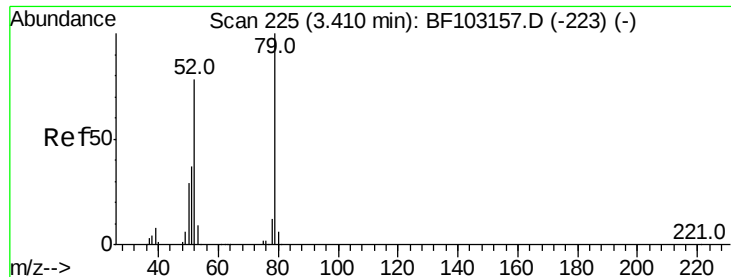
1,4-Dioxane
Concen: 24.958 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.07 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion: 88 Resp: 117053
Ion Ratio Lower Upper
88 100
58 84.5 62.6 93.8
43 32.5 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: 22.228 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

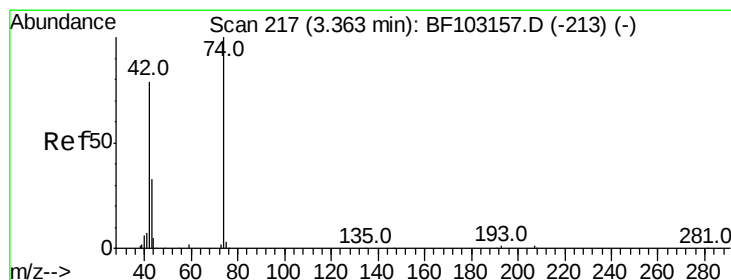
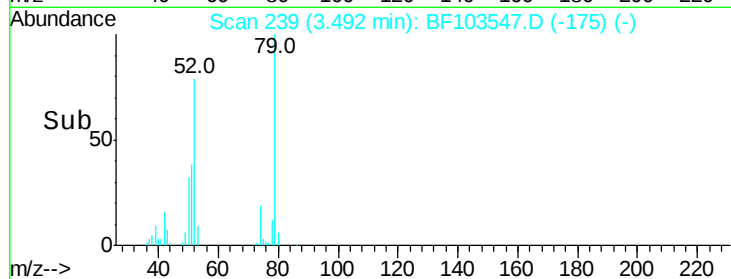
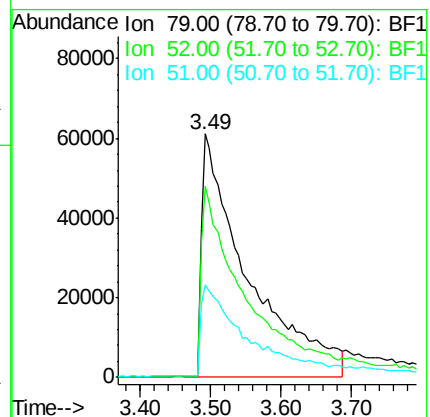
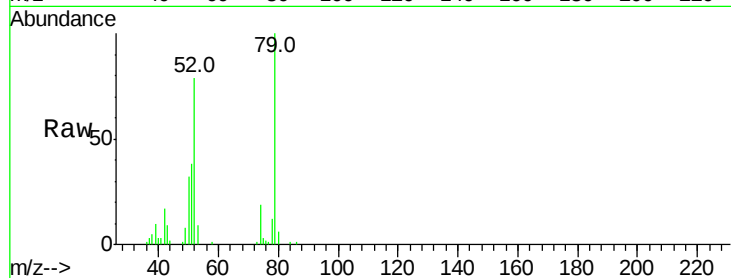
Tot Ion: 79 Resp: 278315

Ion Ratio Lower Upper

79 100

52 78.5 59.8 89.6

51 38.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 27.587 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

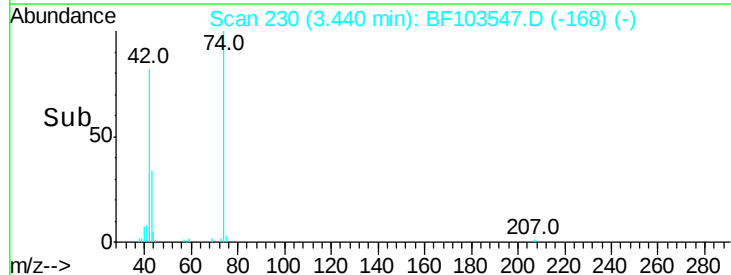
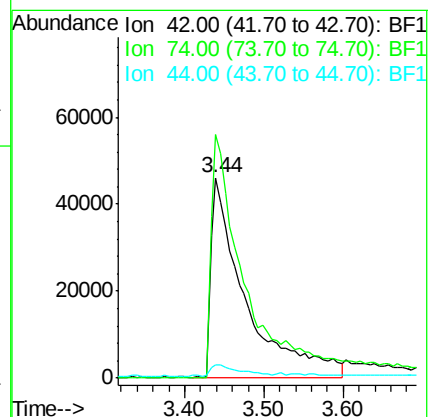
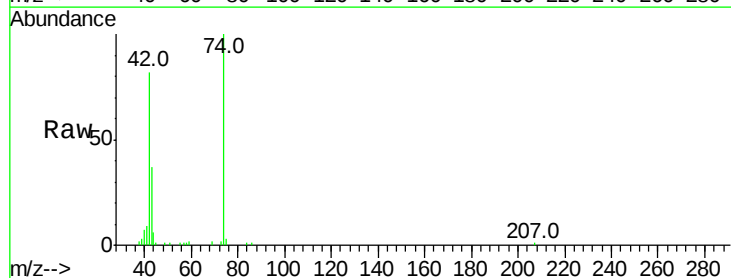
Tgt Ion: 42 Resp: 139304

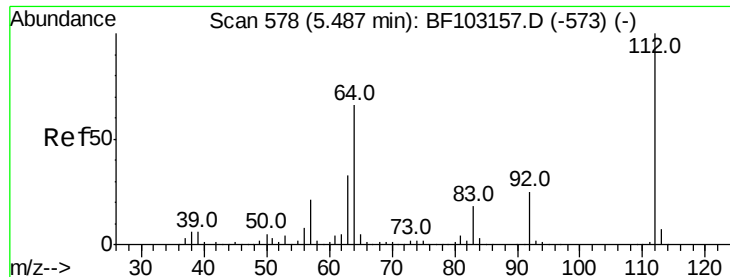
Ion Ratio Lower Upper

42 100

74 121.4 104.9 157.3

44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 62.736 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

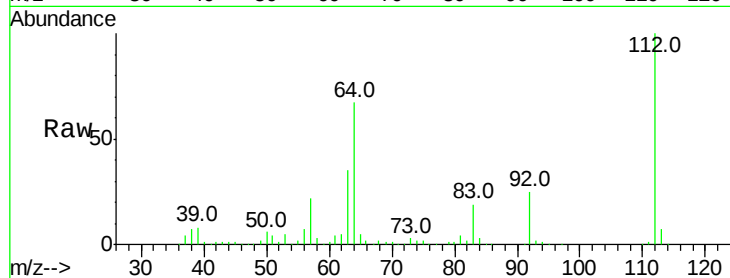
Tot Ion:112 Resp: 557085

Ion Ratio Lower Upper

112 100

64 67.5 47.9 71.9

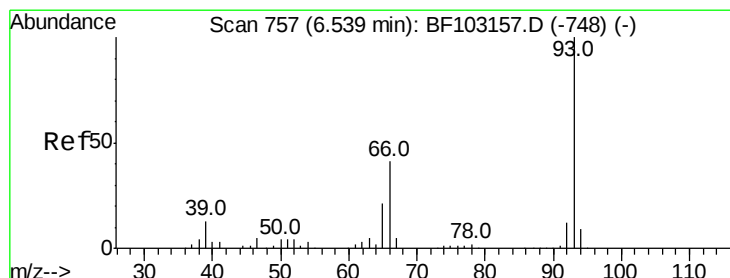
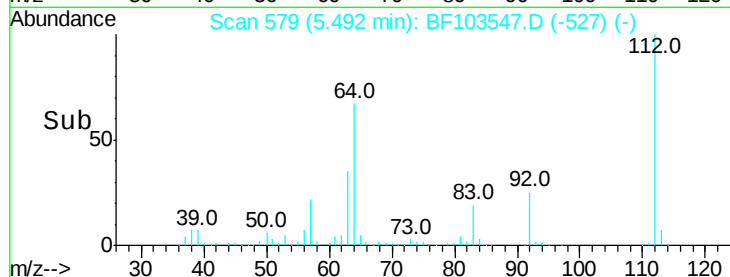
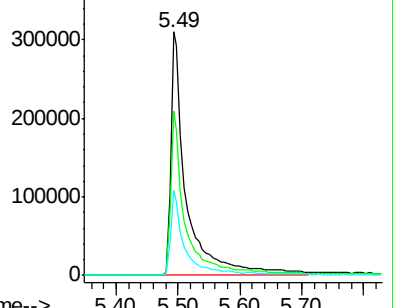
63 34.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.963 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

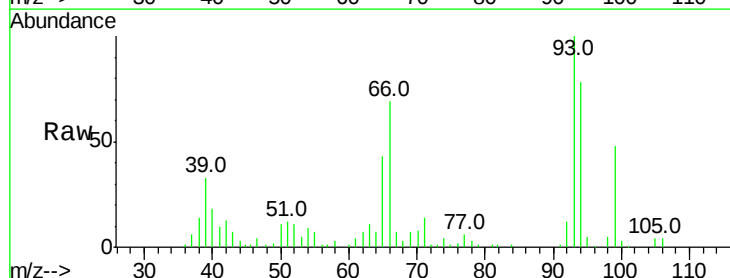
Tgt Ion: 93 Resp: 140554

Ion Ratio Lower Upper

93 100

66 69.2 32.2 48.2#

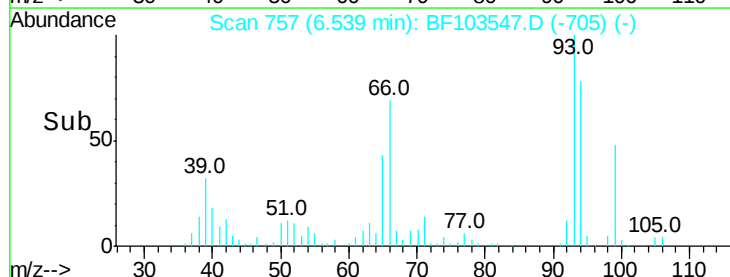
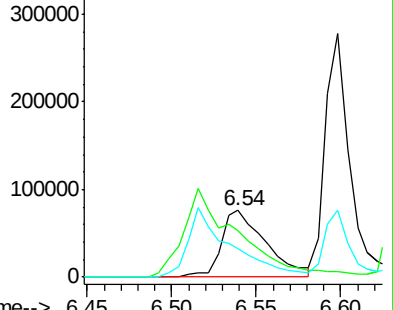
65 43.1 16.4 24.6#

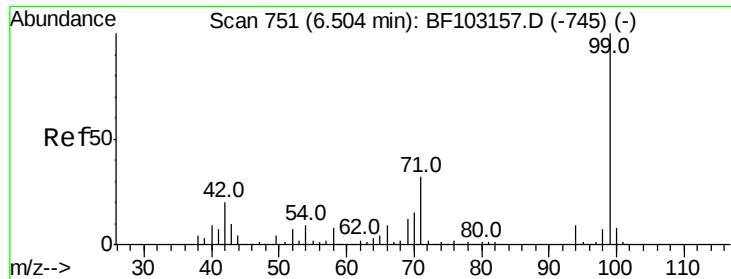


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 61.021 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

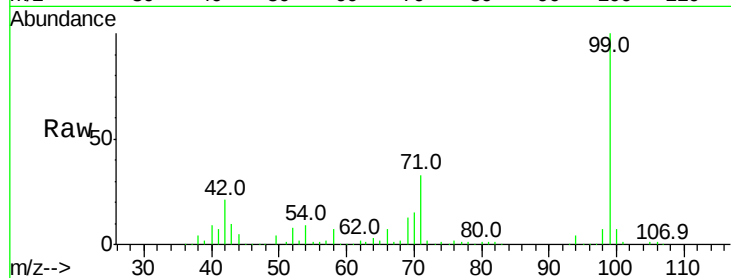
Tot Ion: 99 Resp: 663049

Ion Ratio Lower Upper

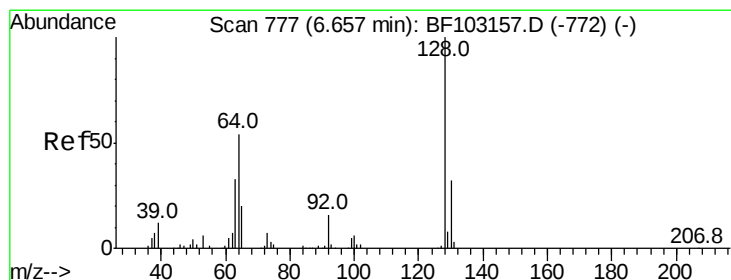
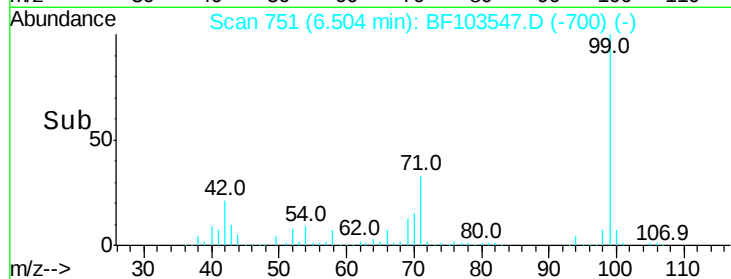
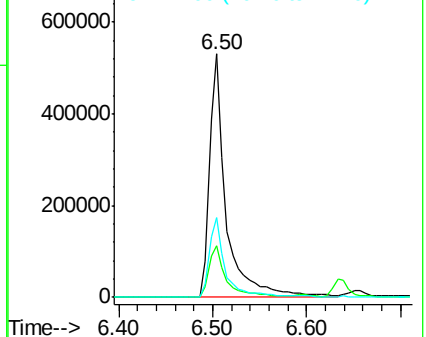
99 100

42 21.0 14.5 21.7

71 32.7 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: 30.876 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

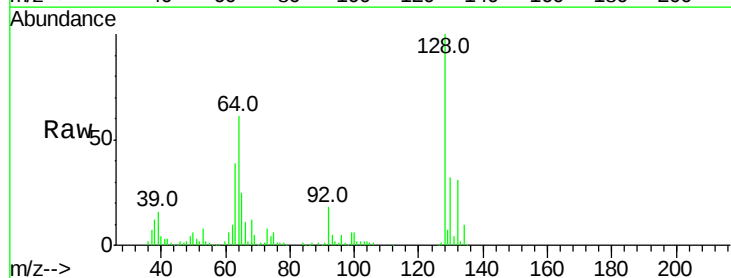
Tgt Ion: 128 Resp: 284827

Ion Ratio Lower Upper

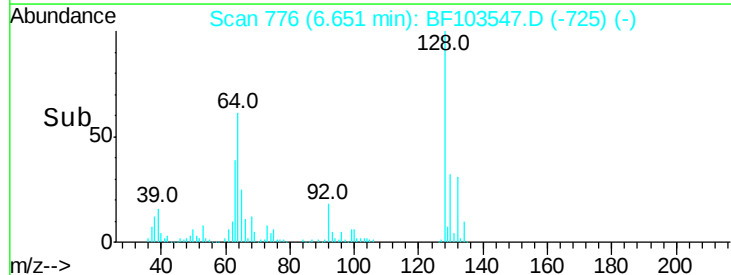
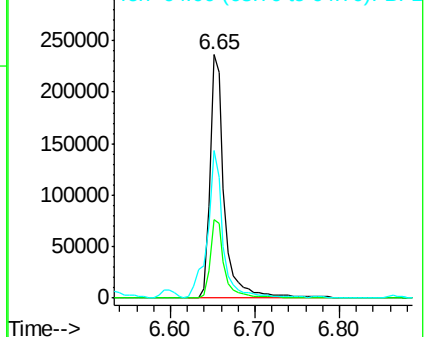
128 100

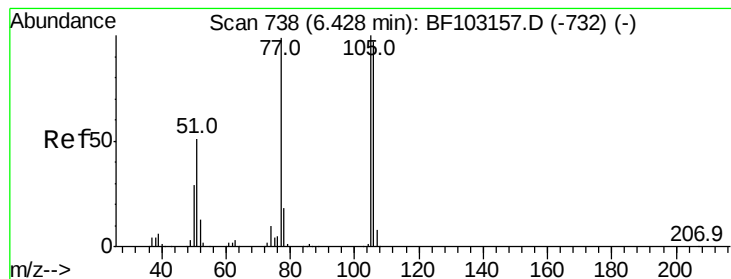
130 32.5 13.0 53.0

64 60.7 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: 20.925 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

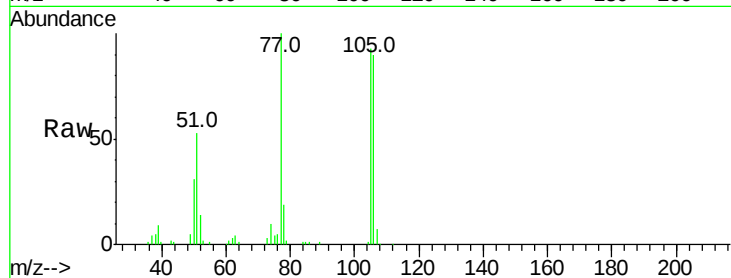
Tot Ion: 77 Resp: 158562

Ion Ratio Lower Upper

77 100

105 92.9 81.1 121.1

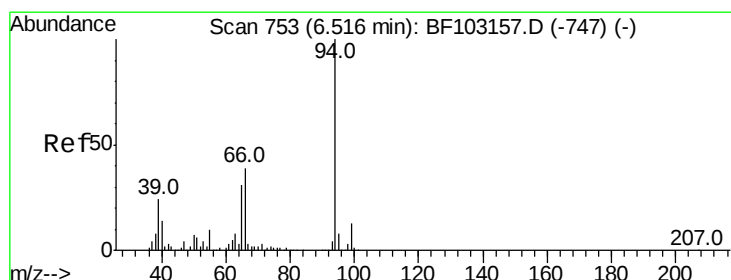
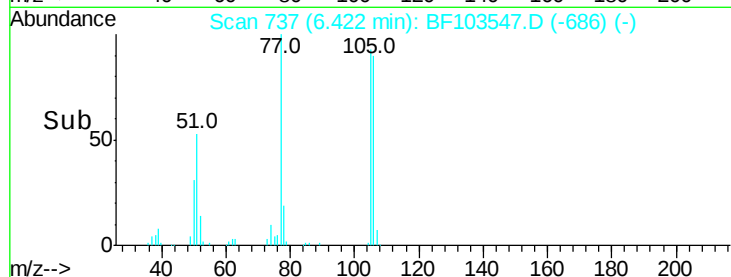
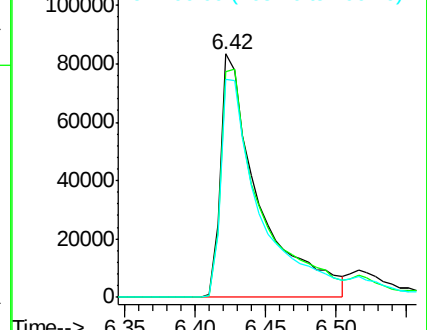
106 89.5 74.5 114.5



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: 28.674 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

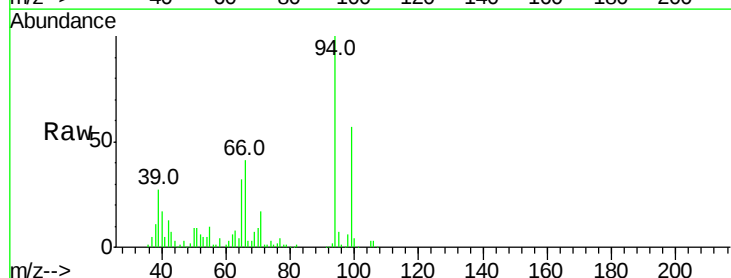
Tgt Ion: 94 Resp: 361691

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

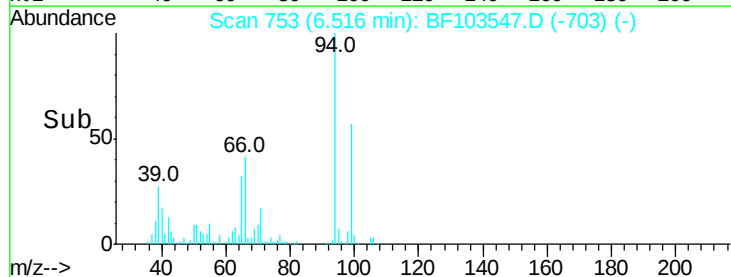
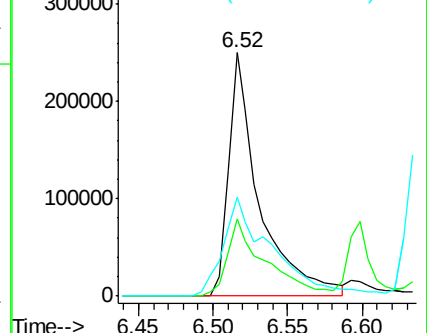
66 40.6 16.2 56.2

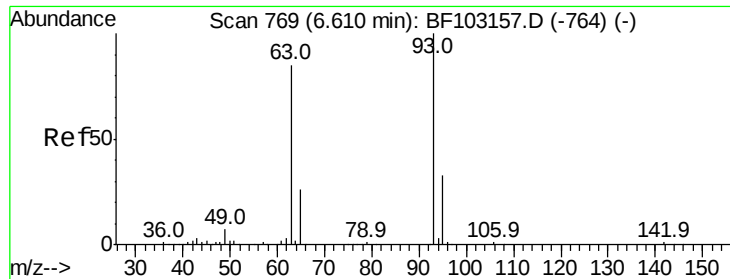


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

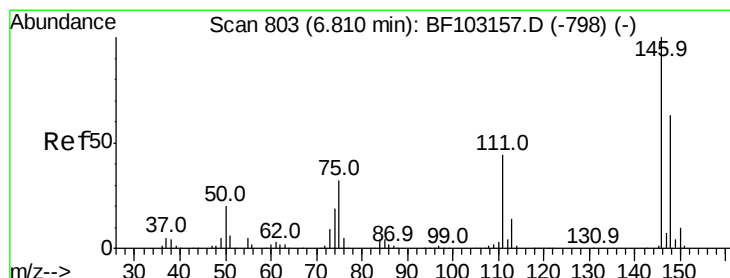
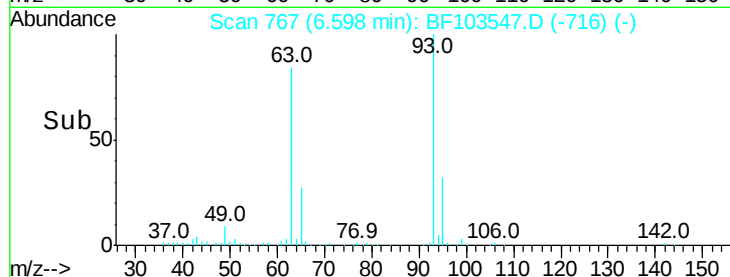
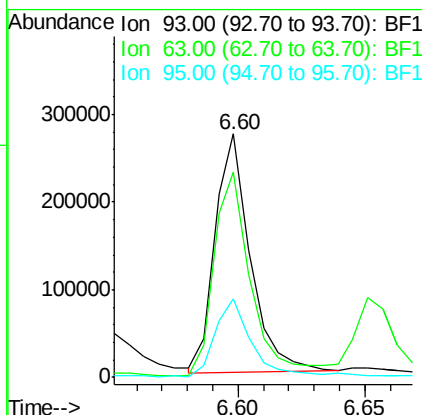
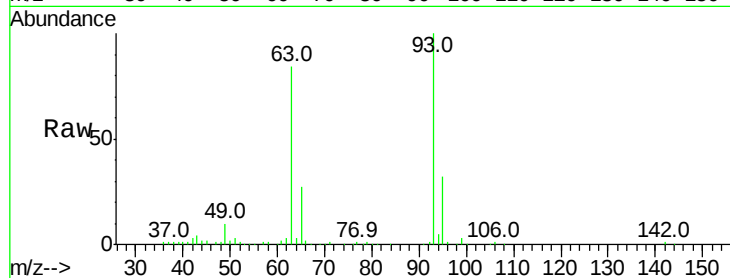




#11
 bis(2-Chloroethyl)ether
 Concen: 27.405 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

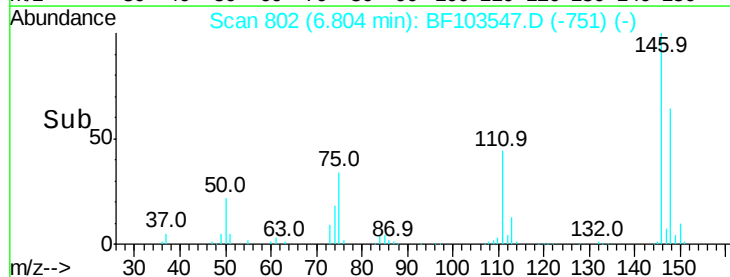
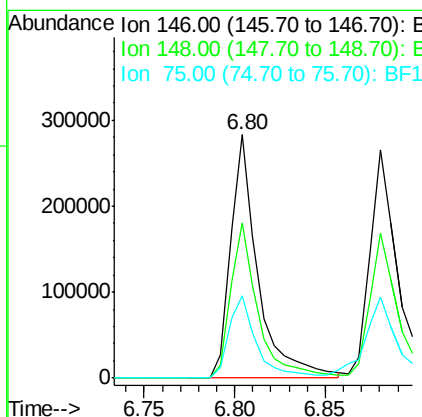
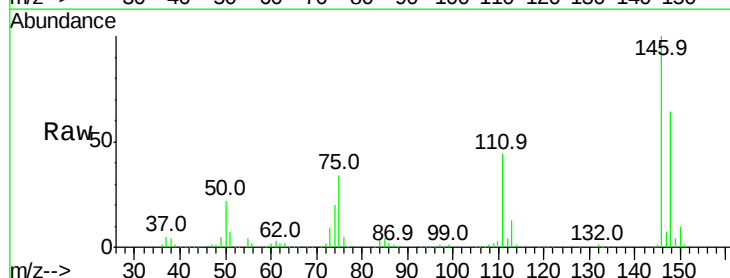
Instrument :
 BNA_F
 ClientSampleId :

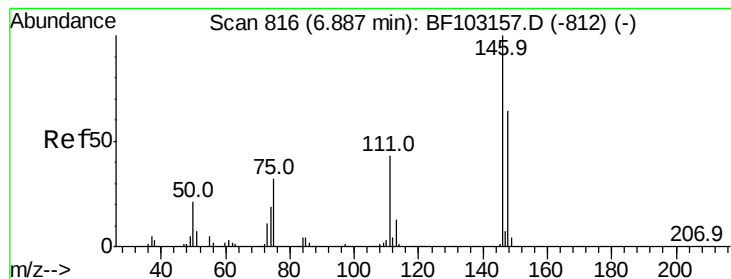
Tot Ion:	93	Resp:	262370
Ion	Ratio	Lower	Upper
93	100		
63	84.4	58.6	98.6
95	32.4	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 28.191 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:	146	Resp:	297185
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	33.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 29.807 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampled :

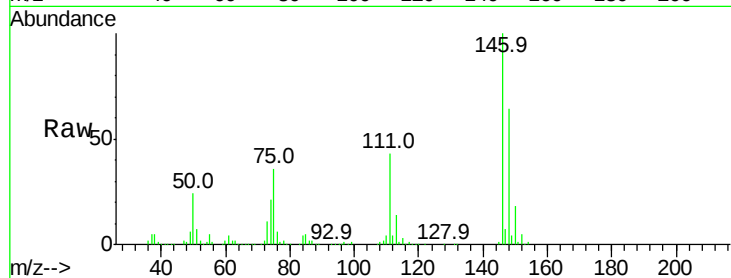
Tot Ion:146 Resp: 315032

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

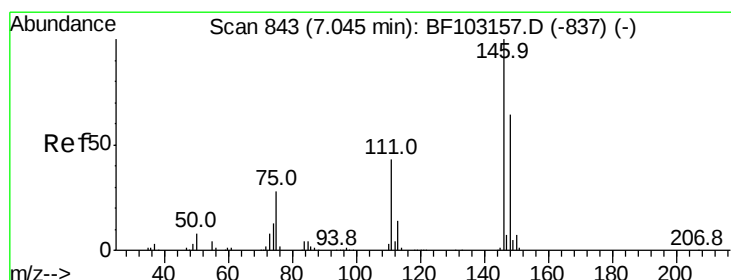
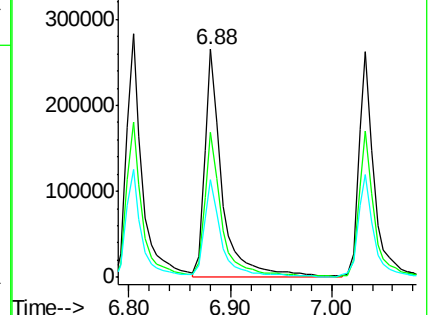
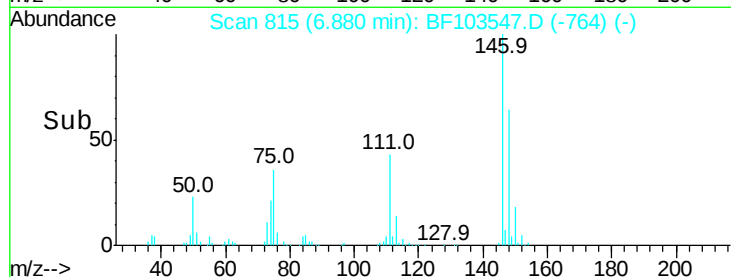
111 42.9 34.2 51.2



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: 28.033 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

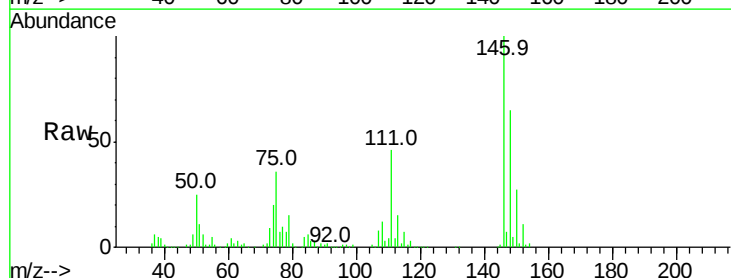
Tgt Ion:146 Resp: 273196

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

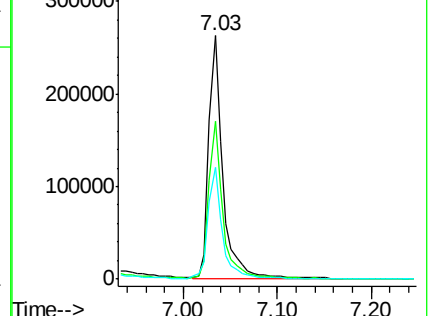
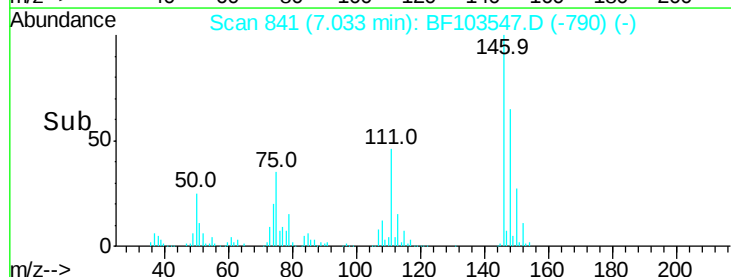
111 45.7 36.0 54.0

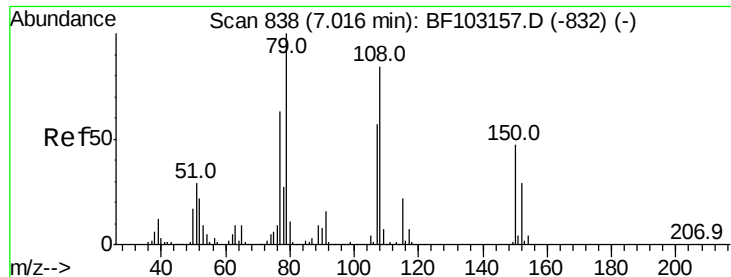


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.964 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

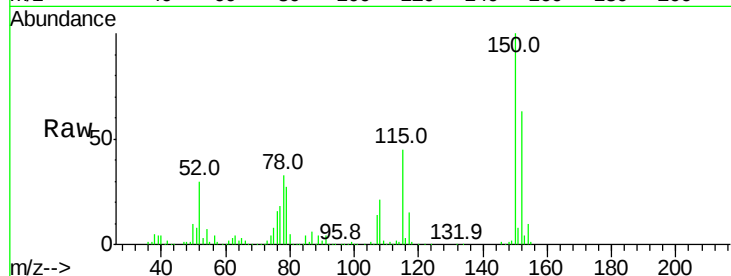
Tot Ion: 79 Resp: 220777

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

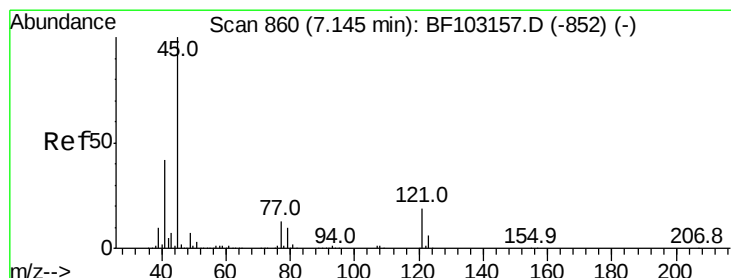
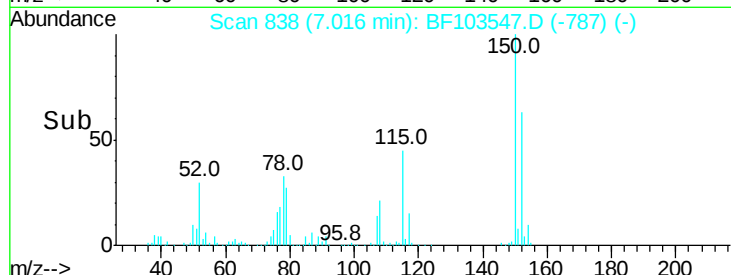
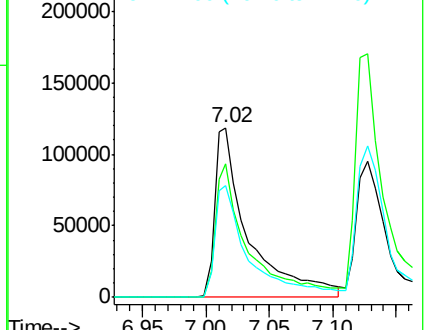
77 66.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.793 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

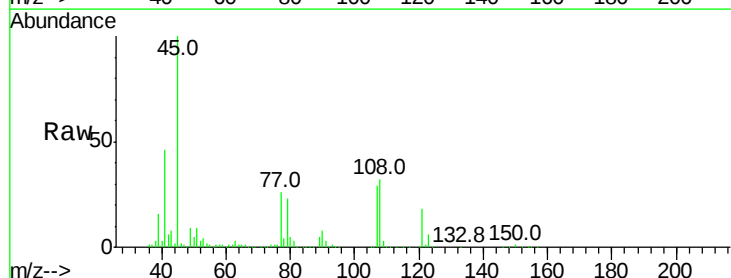
Tgt Ion: 45 Resp: 456918

Ion Ratio Lower Upper

45 100

77 26.2 0.0 32.9

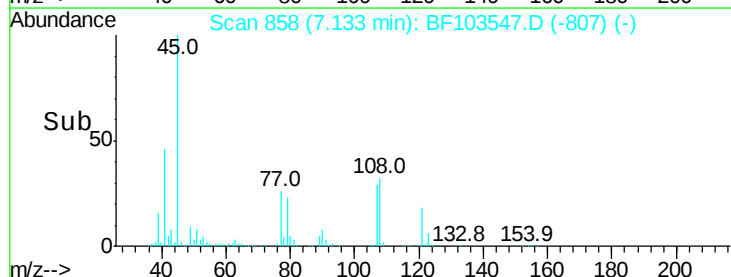
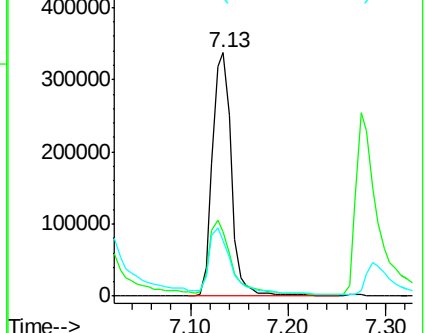
79 22.6 0.0 29.6

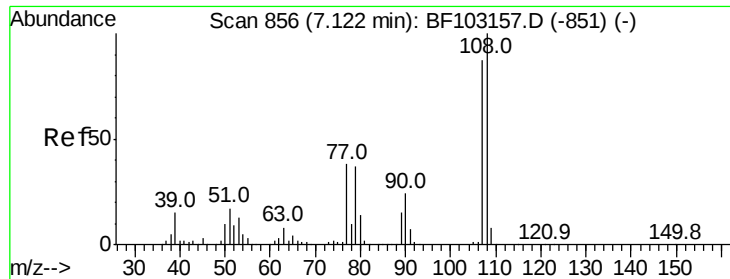


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

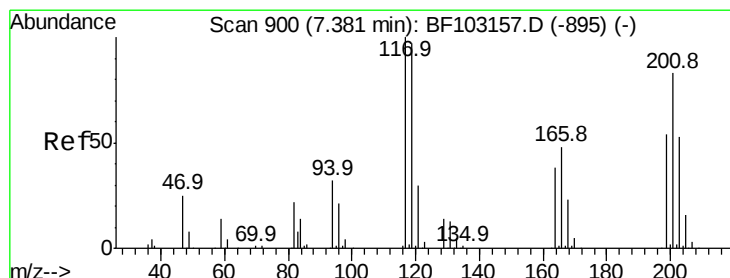
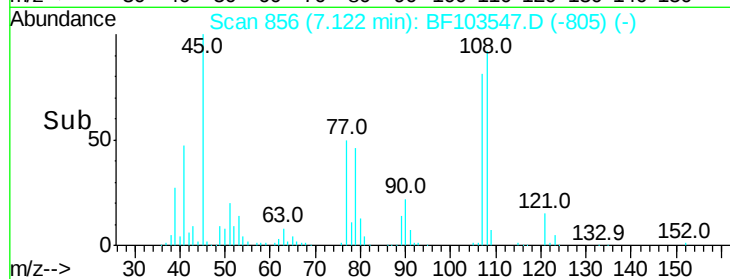
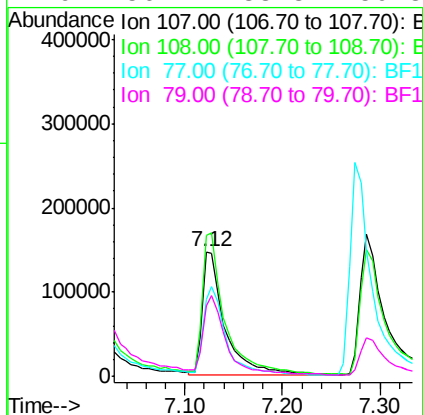
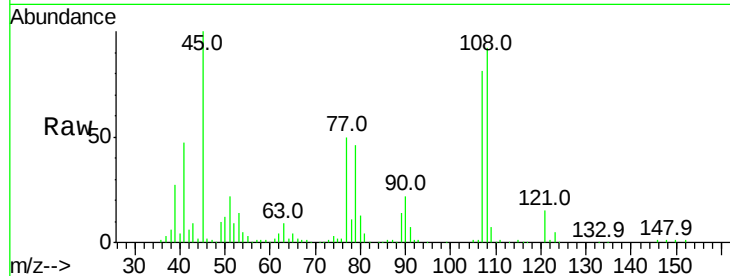




#17
2-Methylphenol
Concen: 28.054 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

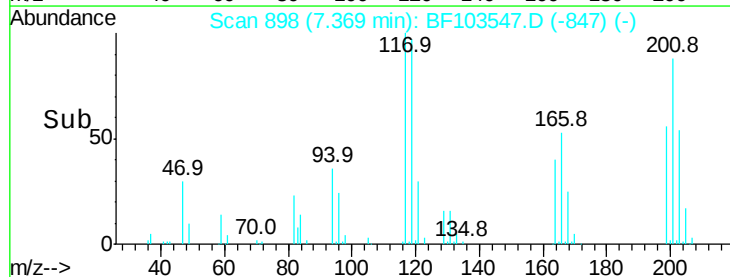
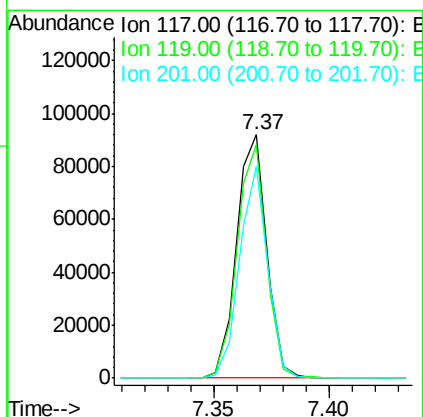
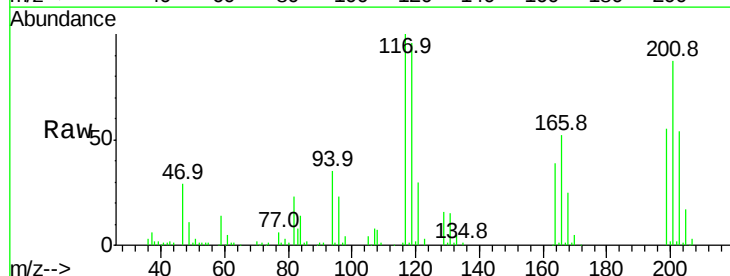
Instrument :
BNA_F
ClientSampleId :

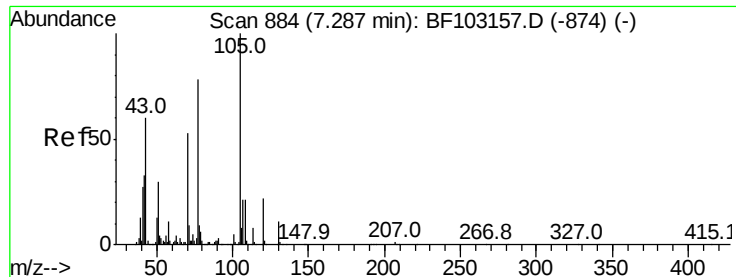
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	62.0	33.8	50.8#
79	56.7	33.8	50.8#



#18
Hexachloroethane
Concen: 21.685 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	87.0	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 32.480 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 219646

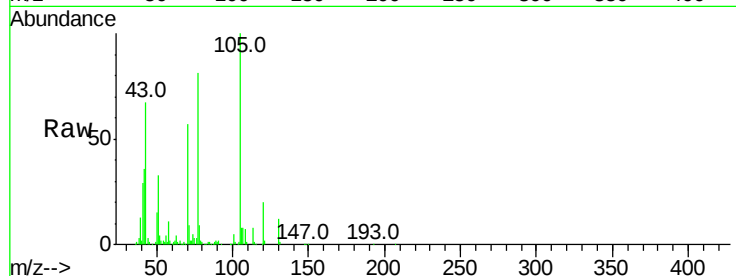
Ion Ratio Lower Upper

70 100

42 64.0 47.5 71.3

101 9.2 7.4 11.2

130 20.3 16.6 25.0

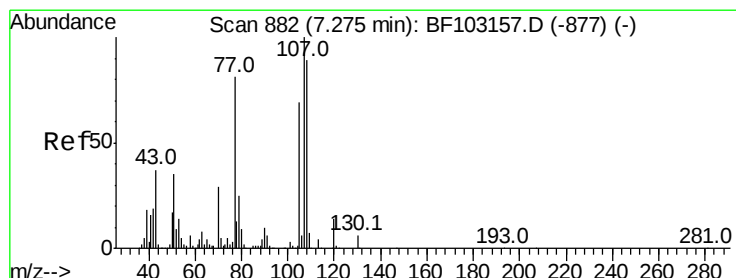
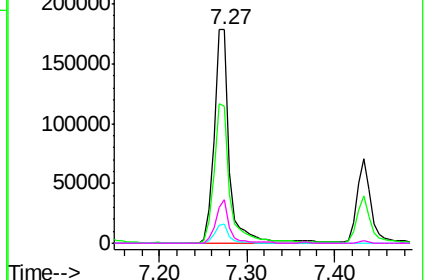
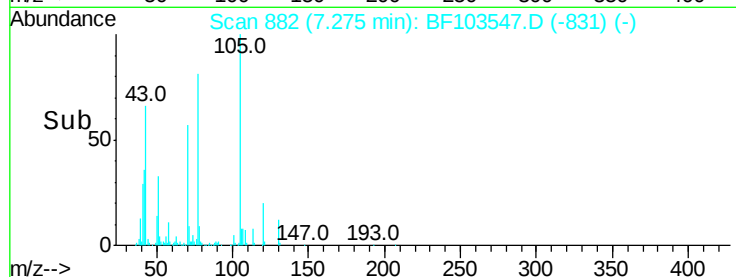


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 30.970 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Tgt Ion:107 Resp: 316479

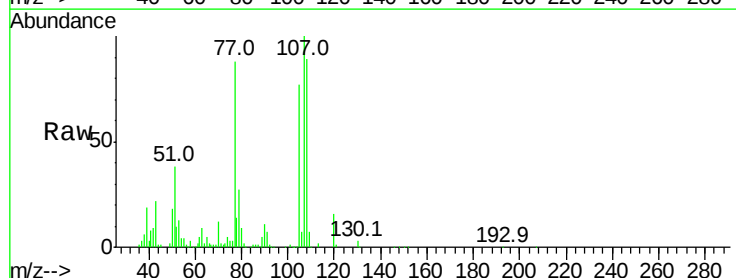
Ion Ratio Lower Upper

107 100

108 88.6 68.2 108.2

77 88.3 26.7 66.7#

79 27.3 6.3 46.3

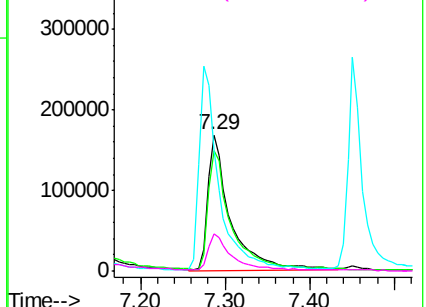
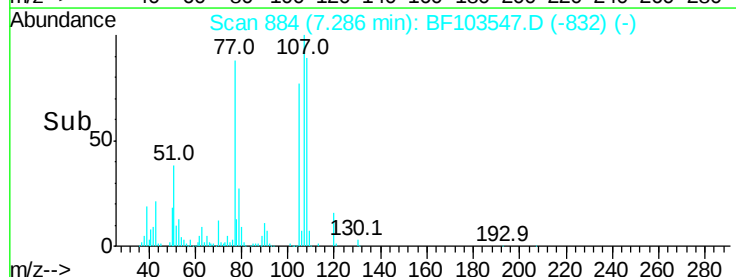


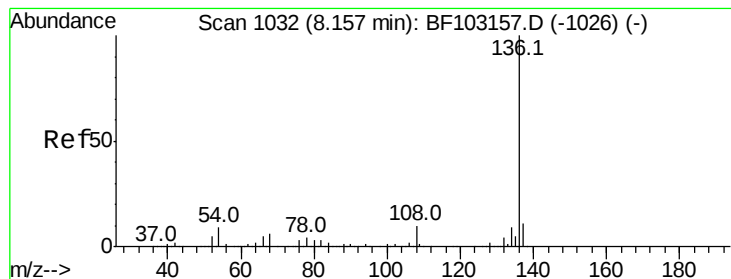
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 532151

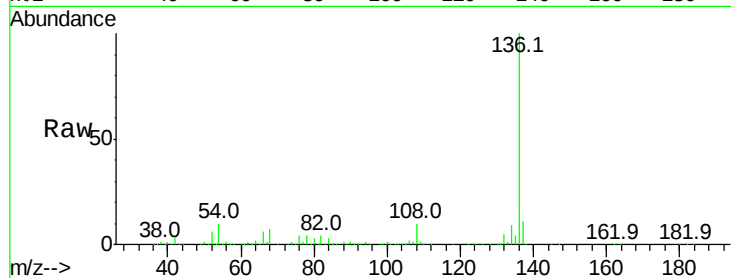
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.0 6.6 9.8#

68 6.6 5.0 7.4

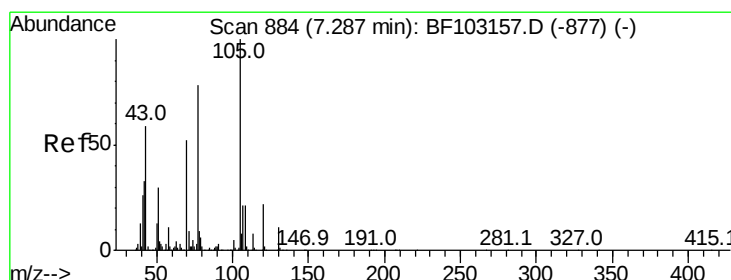
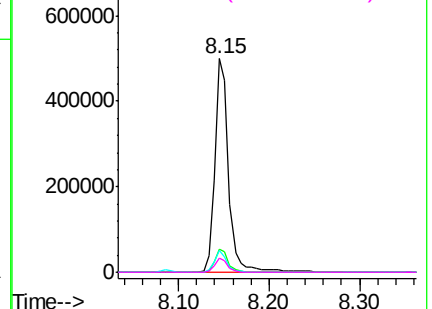
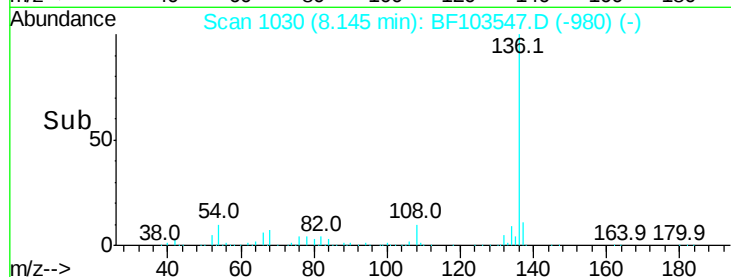


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.207 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Tgt Ion:105 Resp: 412480

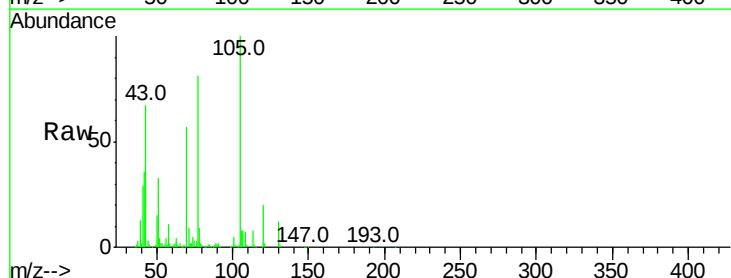
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 33.3 22.3 33.5

120 20.4 16.9 25.3

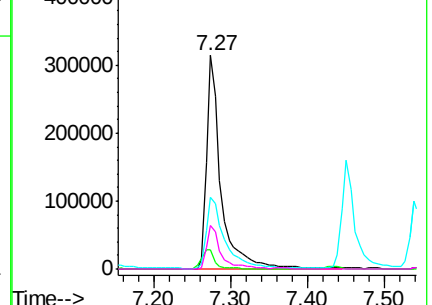
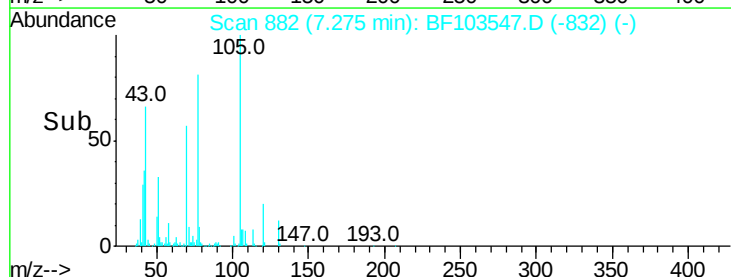


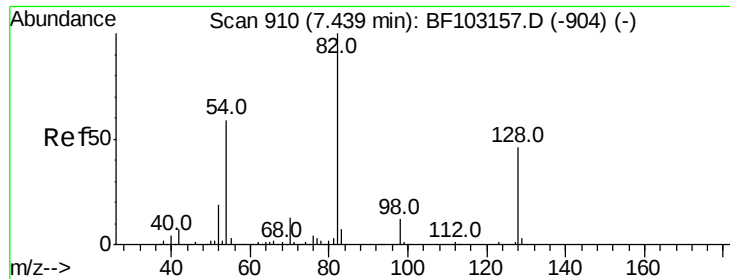
Abundance Ion 105.00 (104.70 to 105.70): E

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

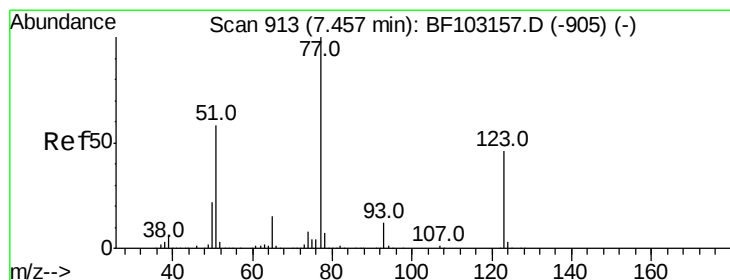
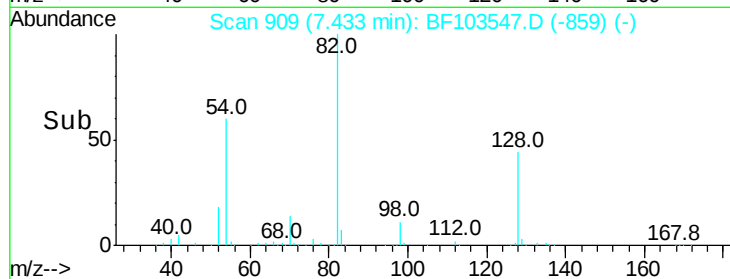
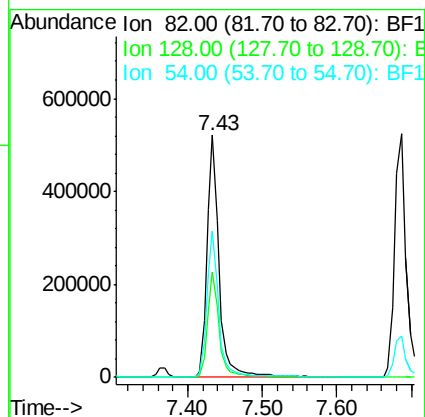
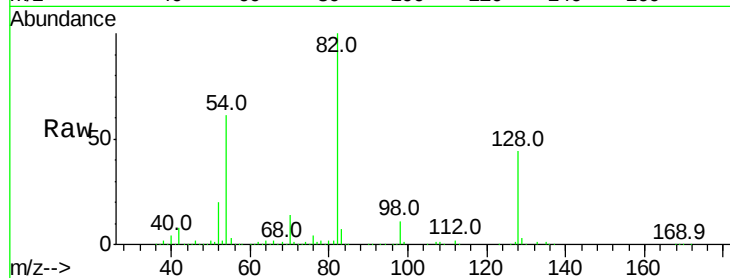




#23
Nitrobenzene-d5
Concen: 63.790 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

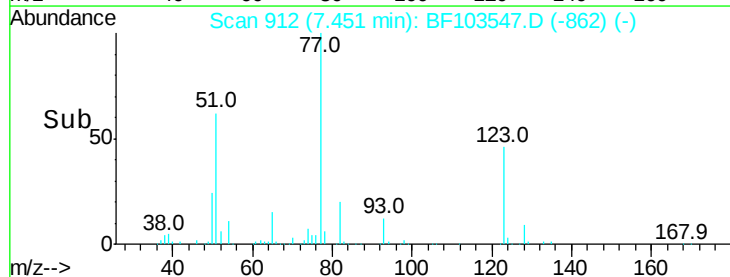
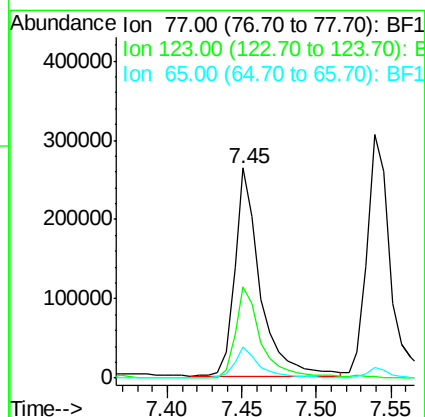
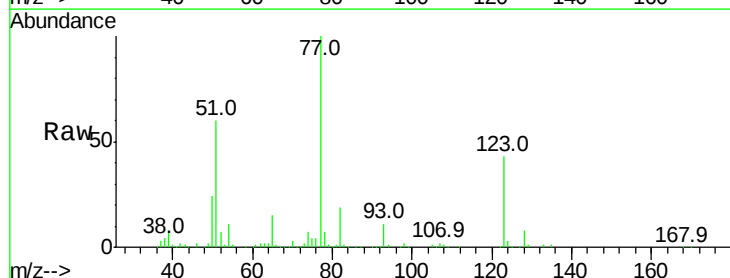
Instrument :
BNA_F
ClientSampleId :

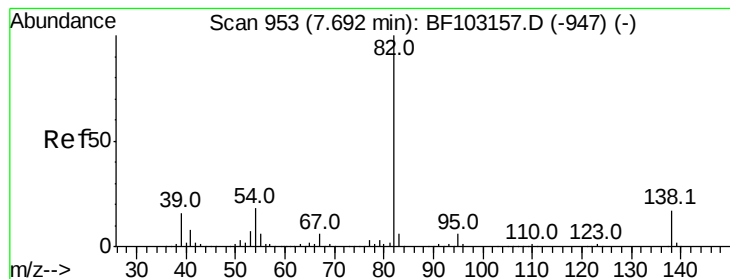
Tot Ion: 82 Resp: 594407
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 60.6 41.4 62.2



#24
Nitrobenzene
Concen: 30.861 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion: 77 Resp: 316618
Ion Ratio Lower Upper
77 100
123 43.4 37.9 56.9
65 14.7 11.0 16.4





#25

Isophorone

Concen: 31.954 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

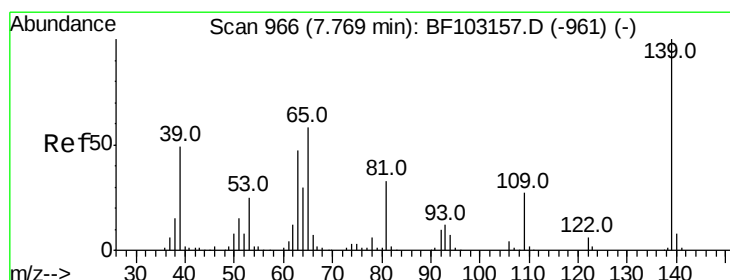
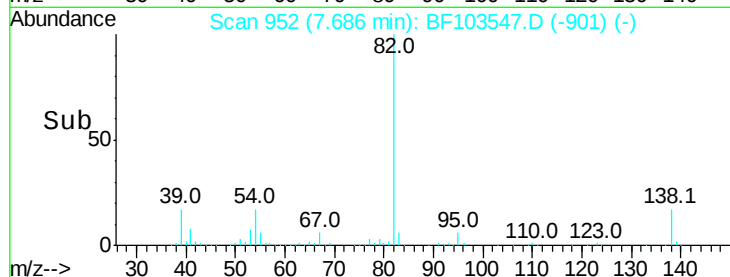
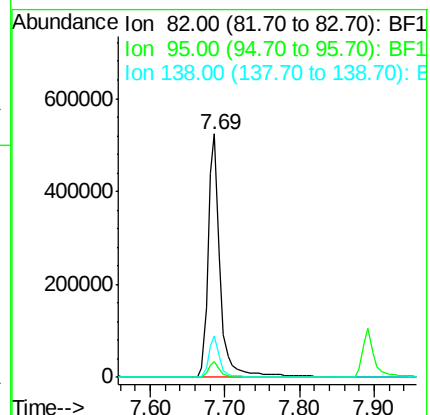
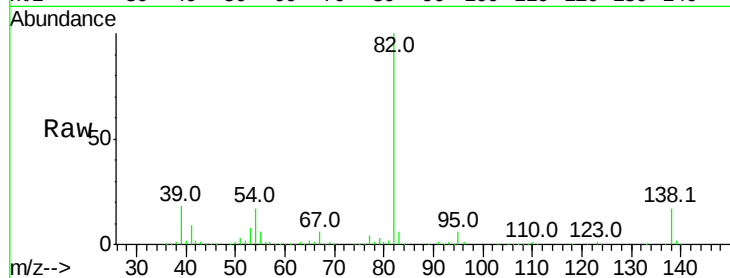
Tot Ion: 82 Resp: 586432

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 24.470 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

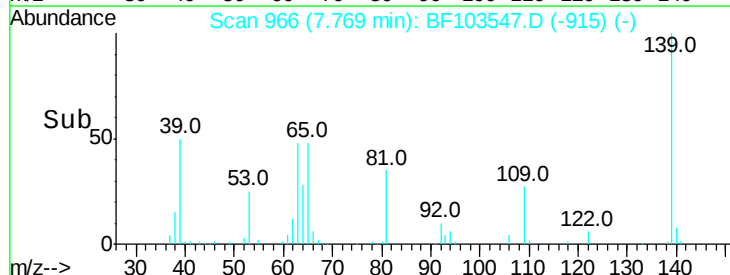
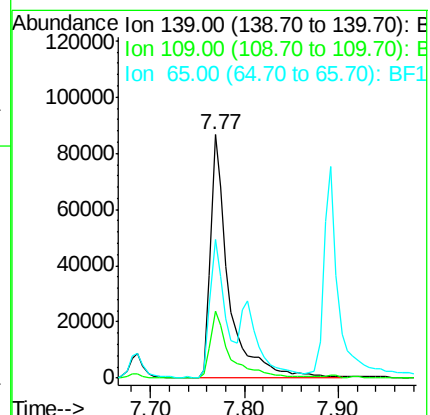
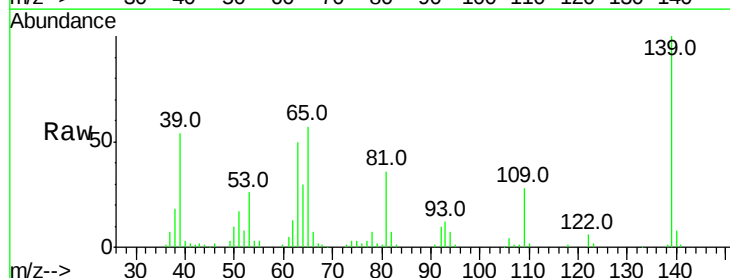
Tgt Ion: 139 Resp: 118184

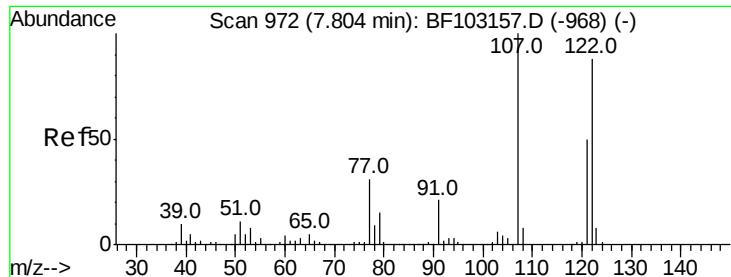
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 57.2 40.5 60.7

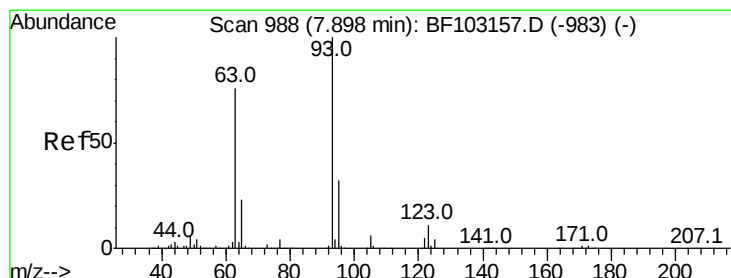
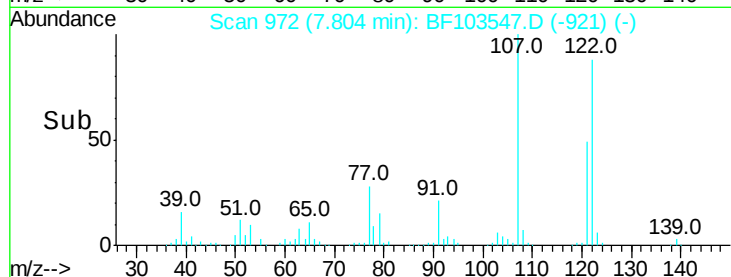
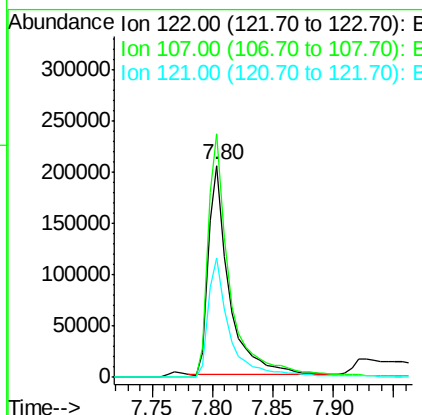
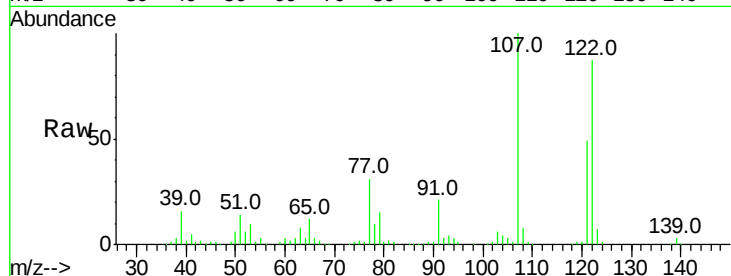




#27
2,4-Dimethylphenol
Concen: 32.623 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

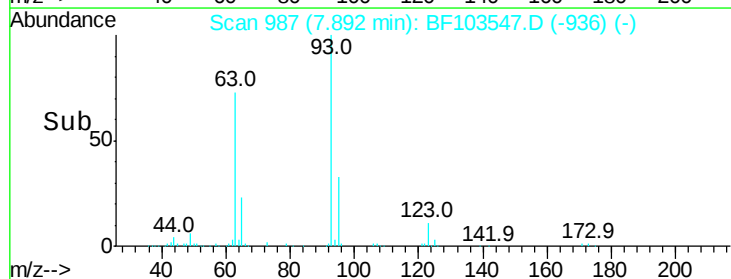
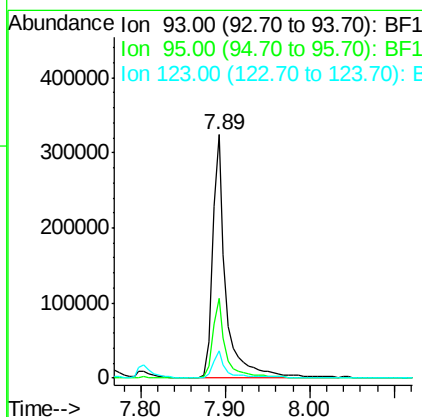
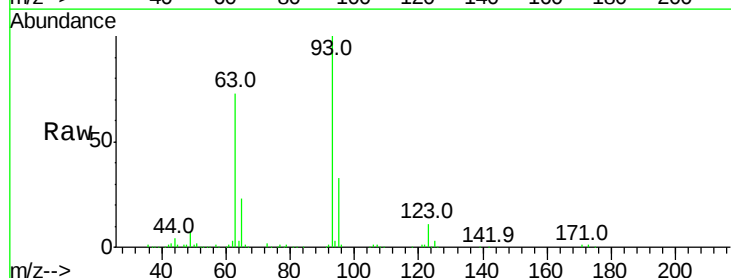
Instrument :
BNA_F
ClientSampleId :

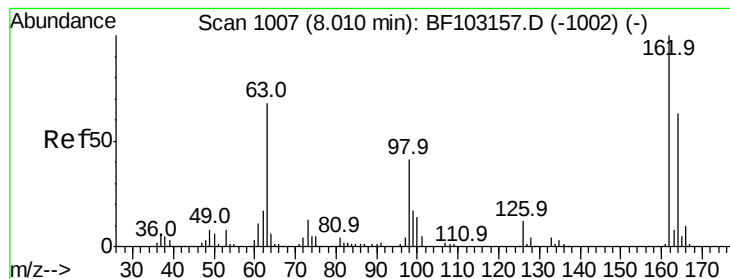
Tot Ion:122 Resp: 240839
Ion Ratio Lower Upper
122 100
107 114.9 91.2 136.8
121 56.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 33.276 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion: 93 Resp: 359055
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 30.801 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

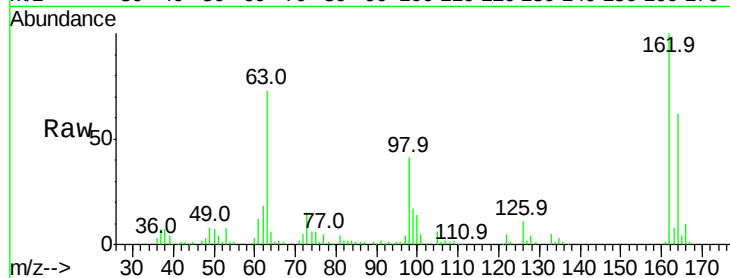
Tot Ion:162 Resp: 217700

Ion Ratio Lower Upper

162 100

164 62.2 42.7 82.7

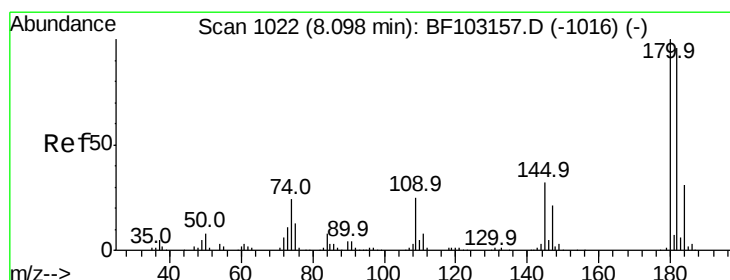
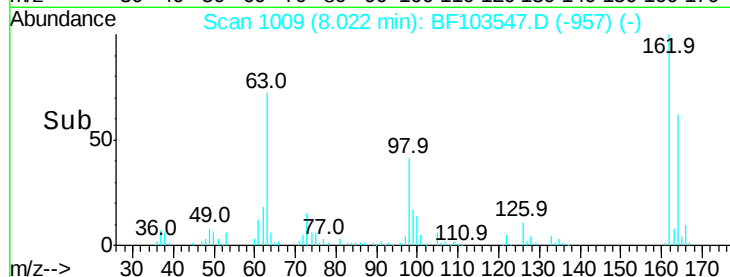
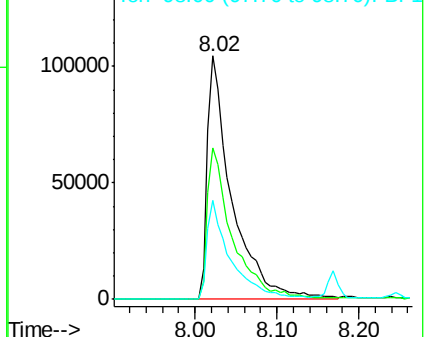
98 40.7 18.1 58.1



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: 27.913 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

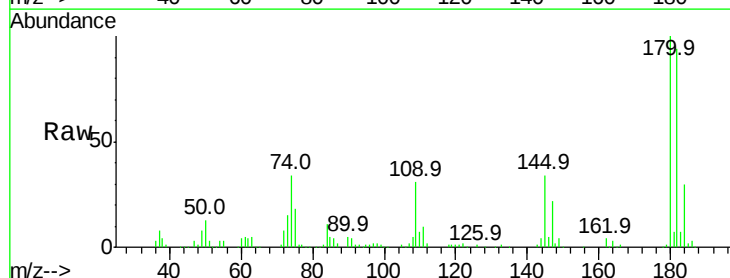
Tgt Ion:180 Resp: 210095

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

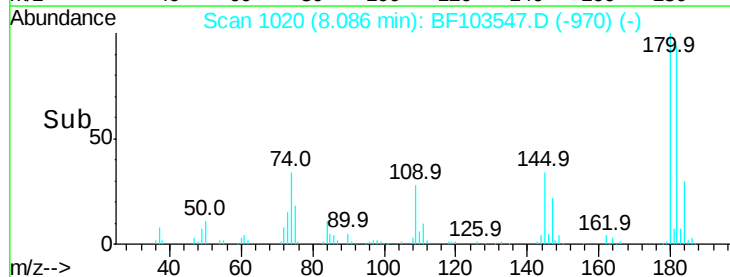
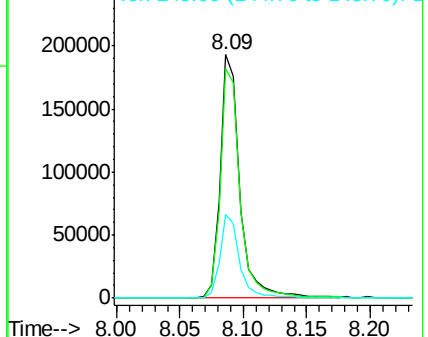
145 34.4 26.5 39.7

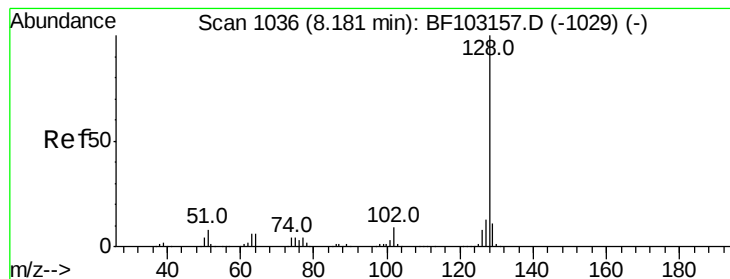


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.565 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

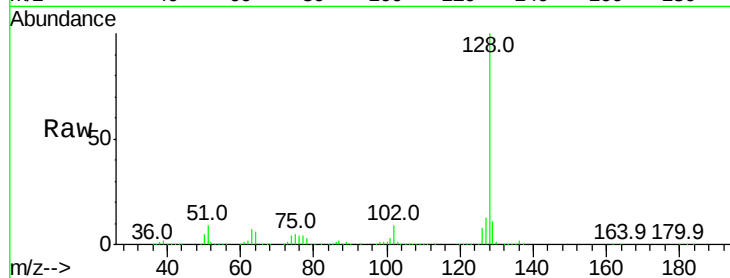
Tot Ion:128 Resp: 796313

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

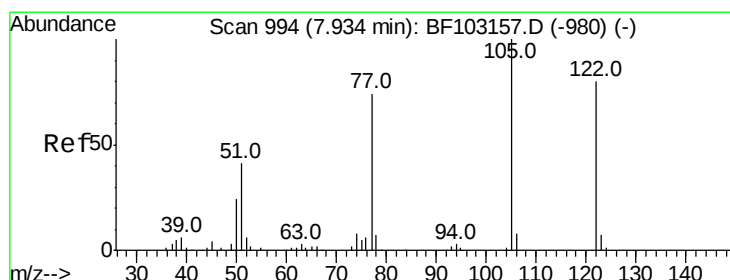
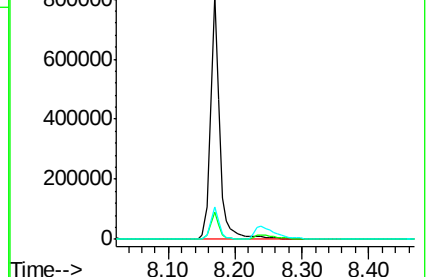
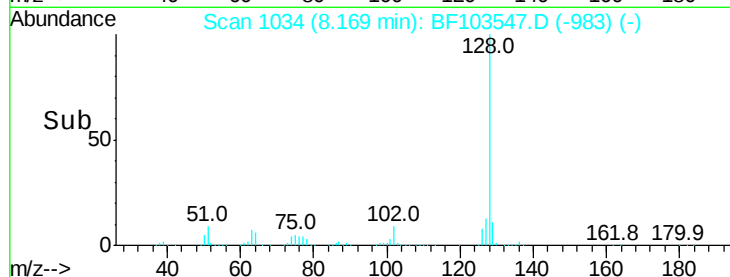
127 13.5 10.9 16.3



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: 17.433 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.04 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

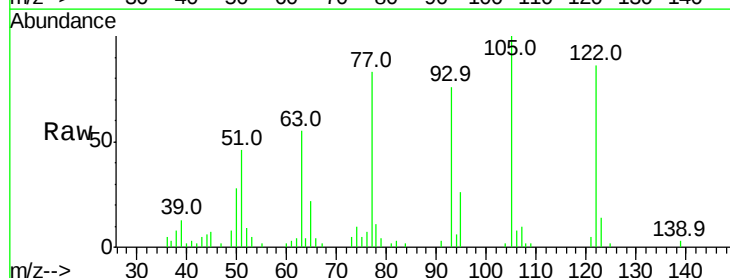
Tgt Ion:122 Resp: 67306

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

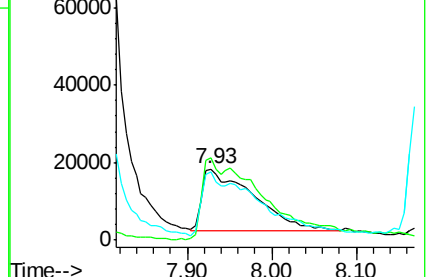
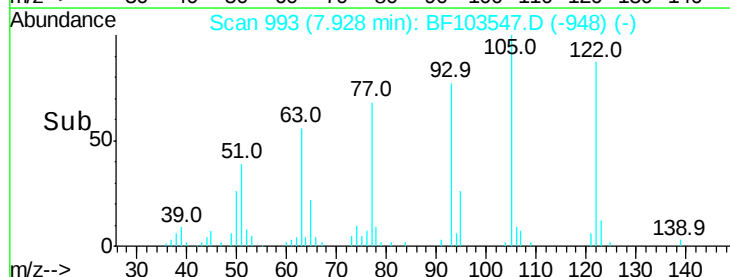
77 96.9 70.7 110.7

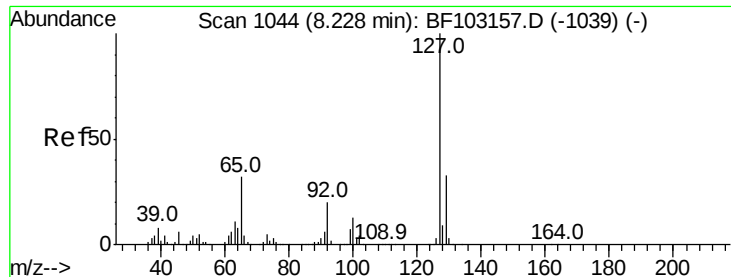


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

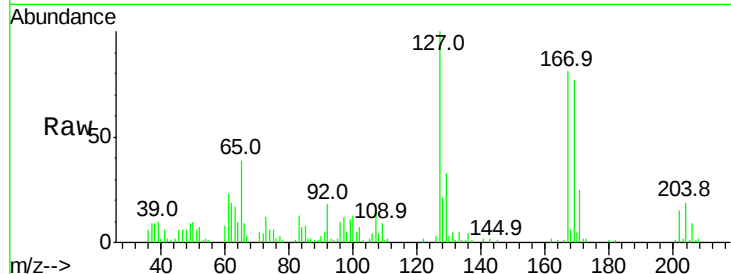




#33
4-Chloroaniline
Concen: 9.112 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	39.1	25.0	37.4
92	17.6	15.2	22.8



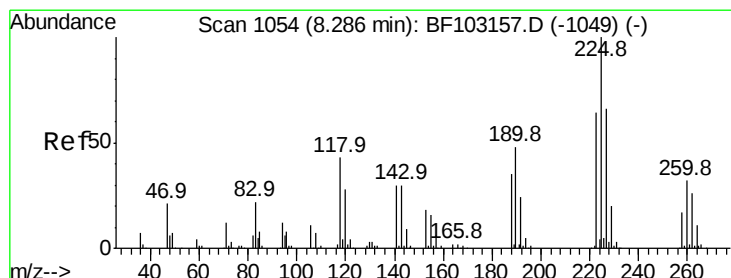
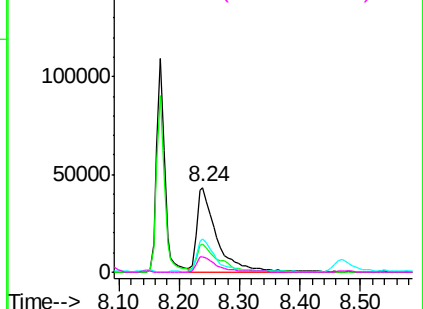
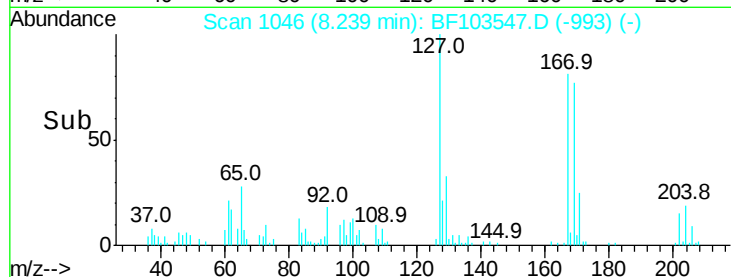
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

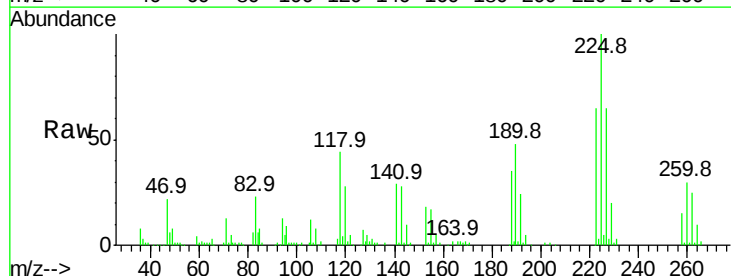
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 27.236 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	64.8	51.9	77.9

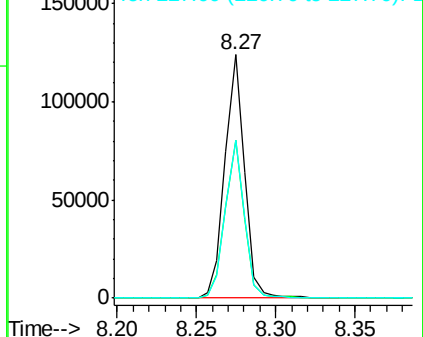
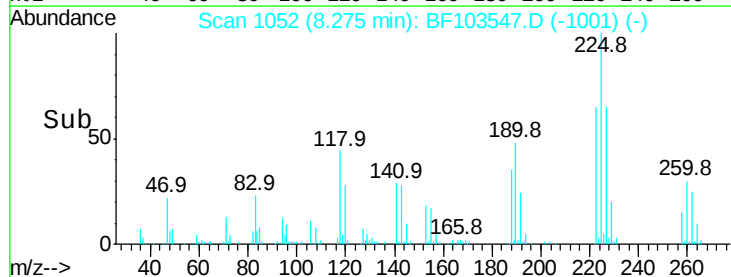


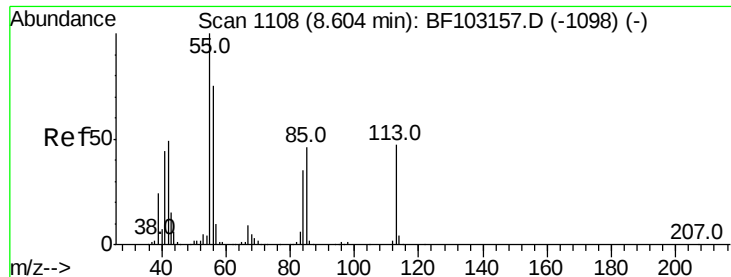
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.830 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampled :

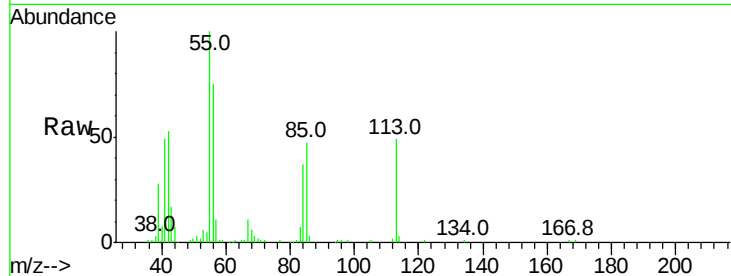
Tot Ion:113 Resp: 69131

Ion Ratio Lower Upper

113 100

55 205.6 163.3 203.3#

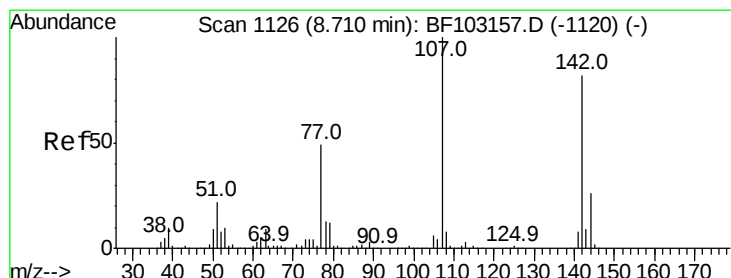
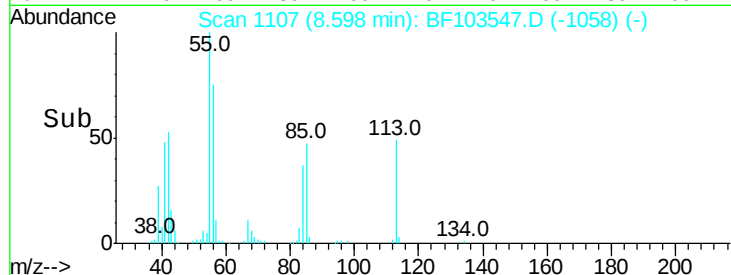
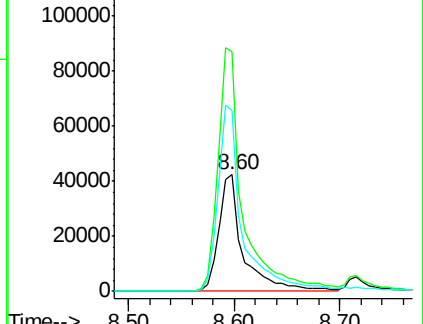
56 155.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 30.218 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

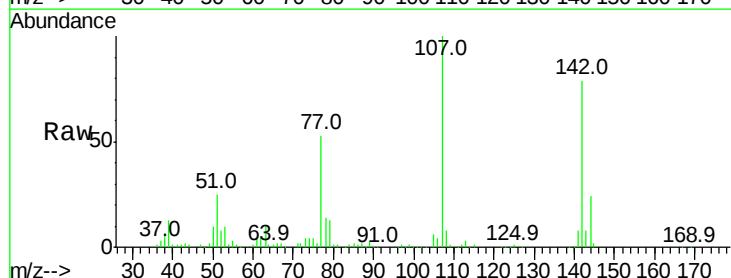
Tgt Ion:107 Resp: 240904

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

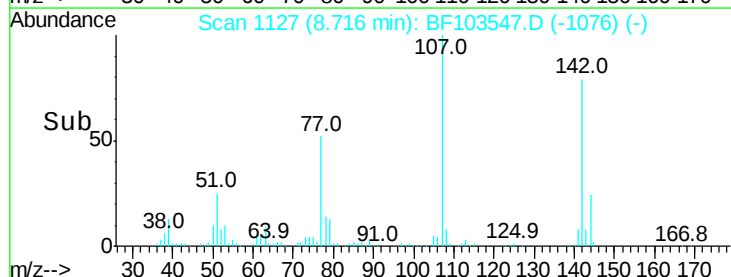
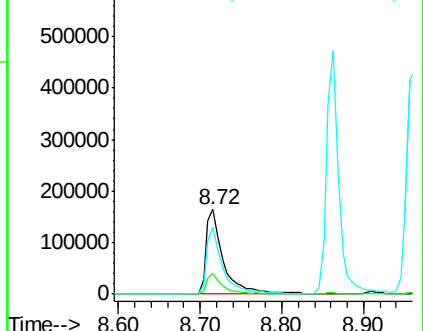
142 78.9 62.0 93.0

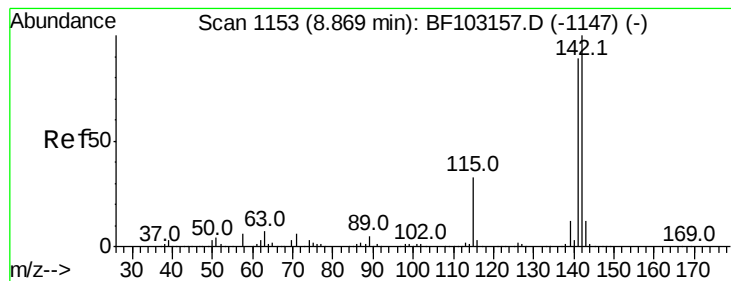


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 29.008 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

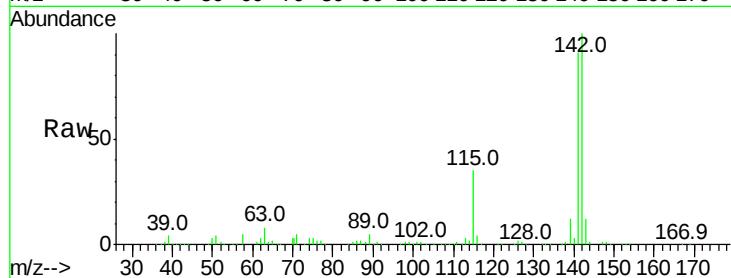
Tot Ion:142 Resp: 488418

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2

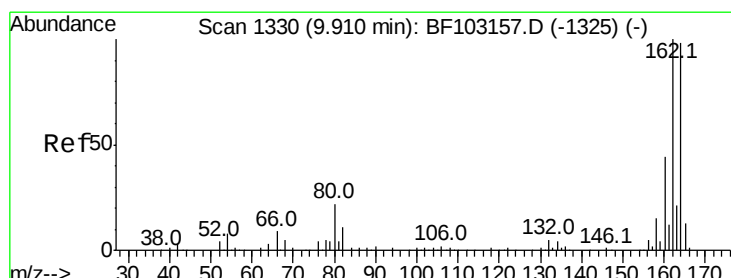
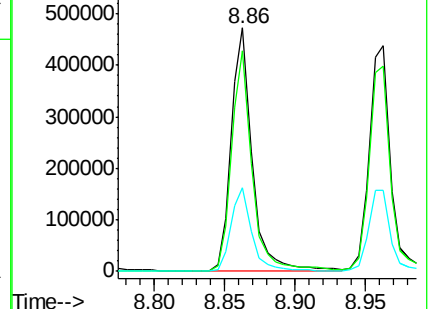
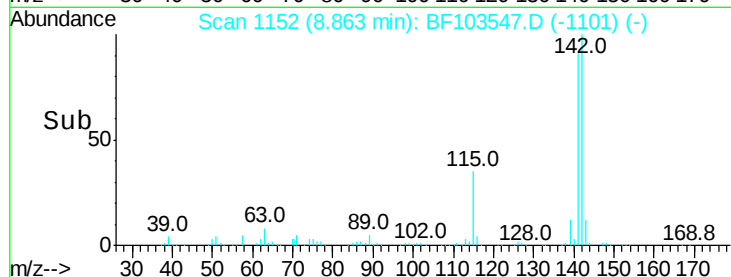
115 34.6 26.1 39.1



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# 1329

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

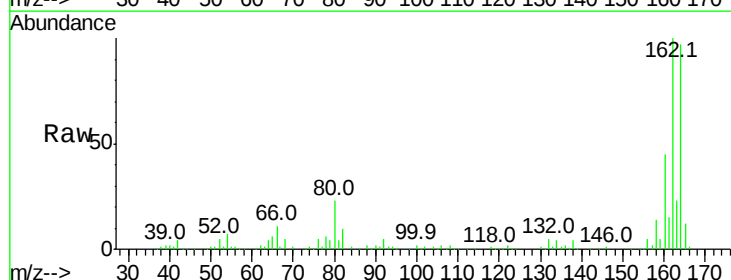
Tgt Ion:164 Resp: 205402

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

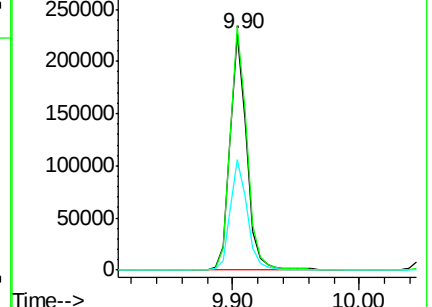
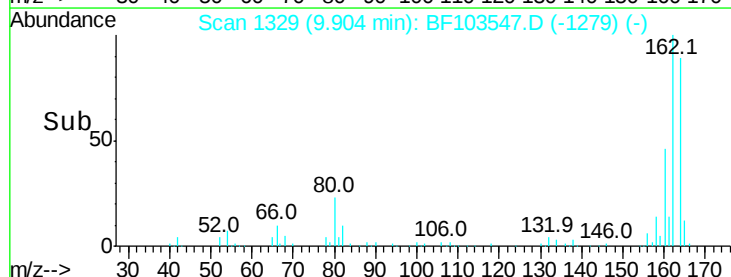
160 46.7 38.3 57.5

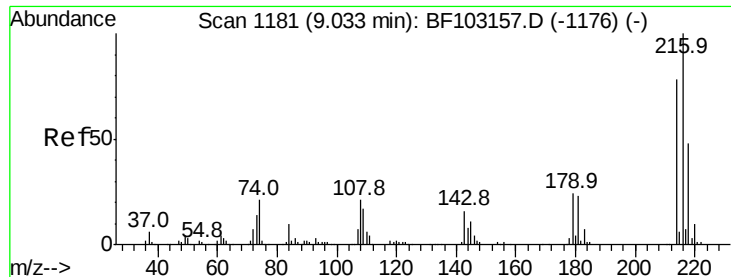


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

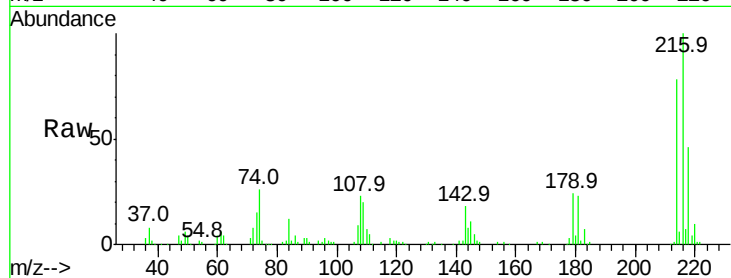




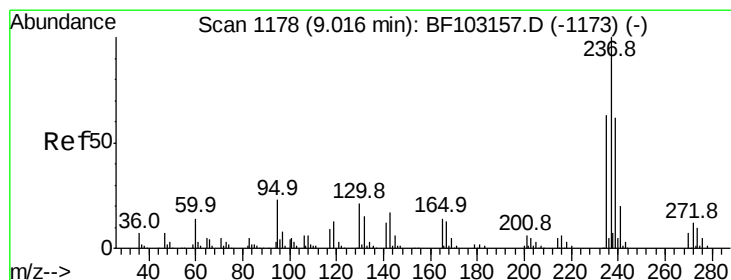
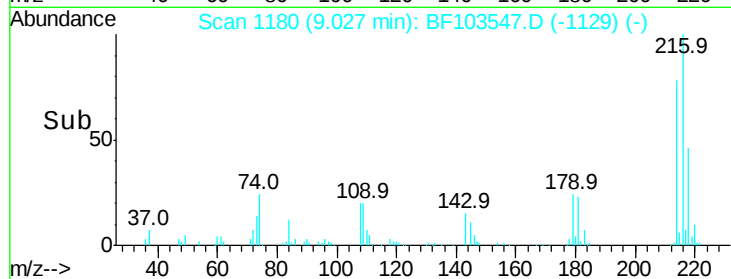
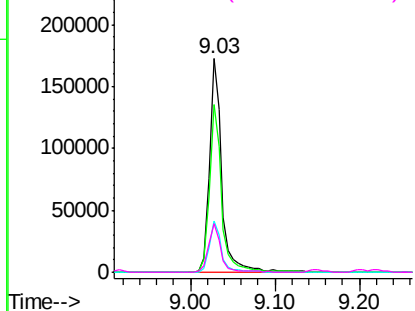
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.394 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	176288
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	23.9	18.1	27.1
108	23.3	17.2	25.8

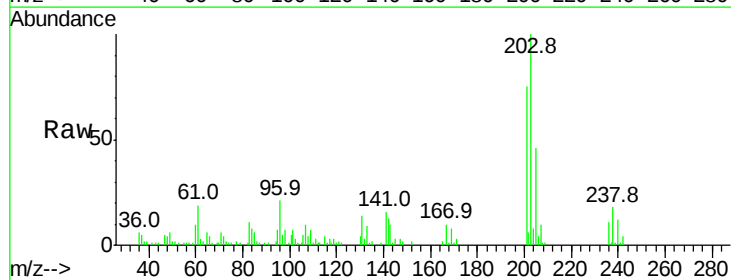


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

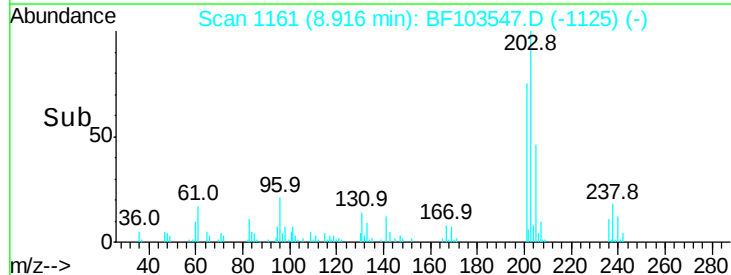
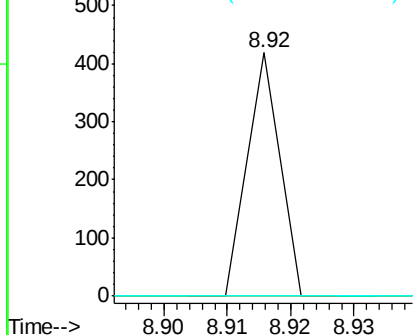


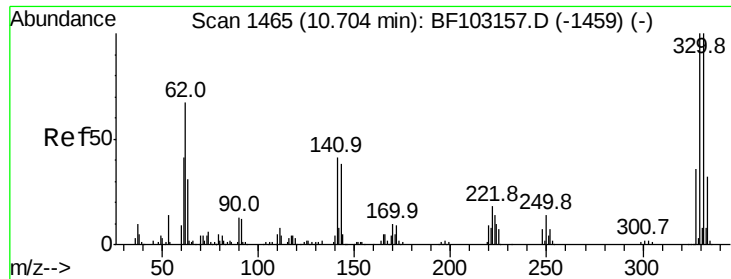
#40
 Hexachlorocyclopentadiene
 Concen: 8.948 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:	237	Resp:	148
Ion	Ratio	Lower	Upper
237	100		
235	0.0	44.8	84.8#
272	0.0	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

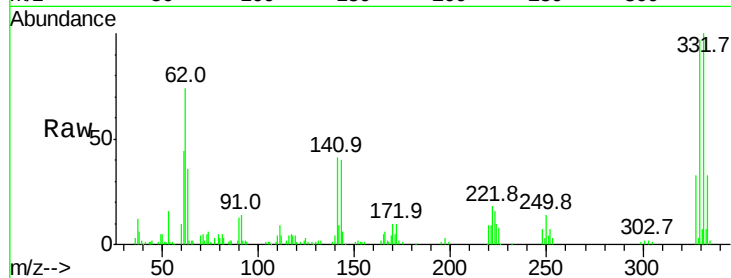




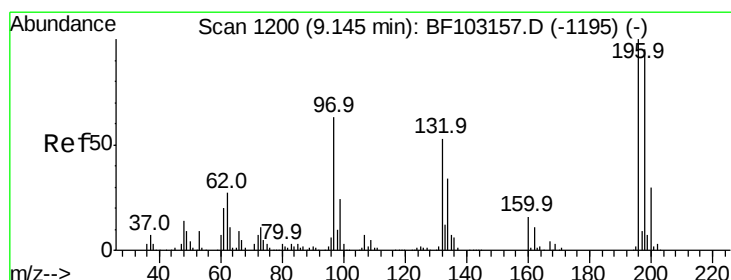
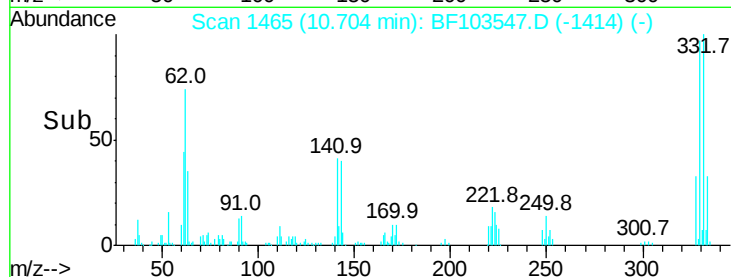
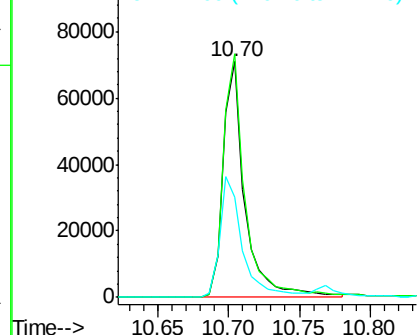
#41
 2,4,6-Tribromophenol
 Concen: 43.739 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 76045
 Ion Ratio Lower Upper
 330 100
 332 107.1 77.0 115.6
 141 52.9 29.9 44.9#

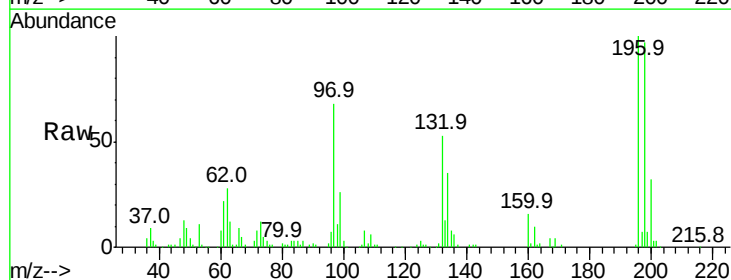


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

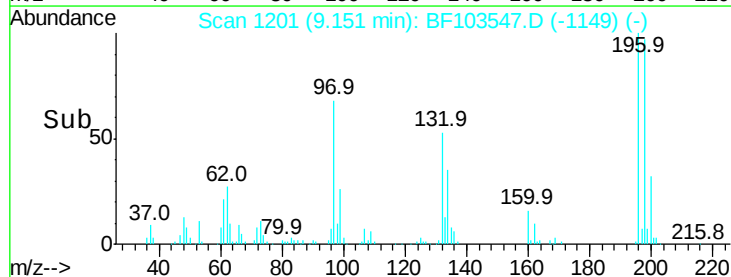
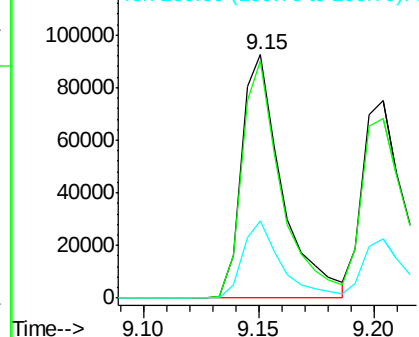


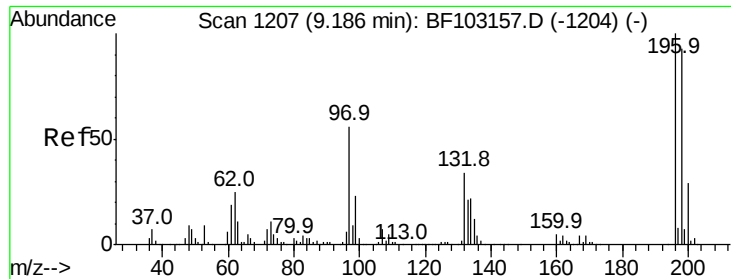
#42
 2,4,6-Trichlorophenol
 Concen: 29.888 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:196 Resp: 112927
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 31.7 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

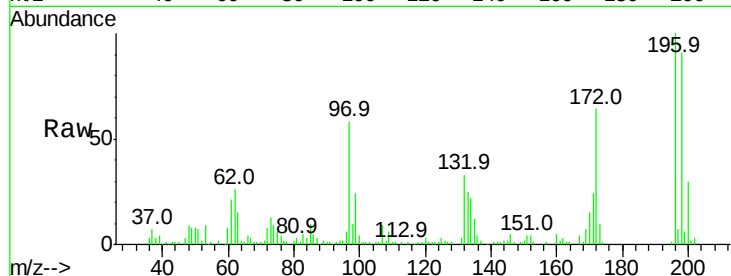




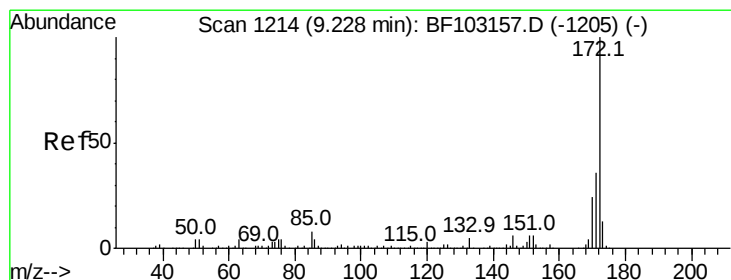
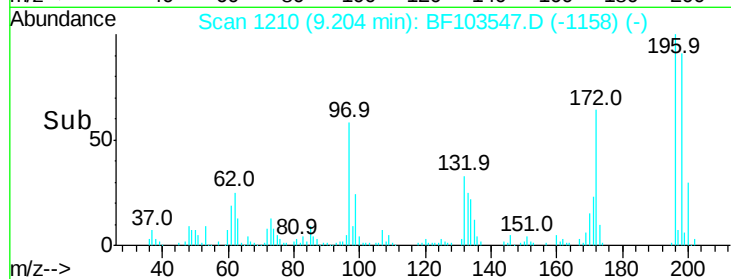
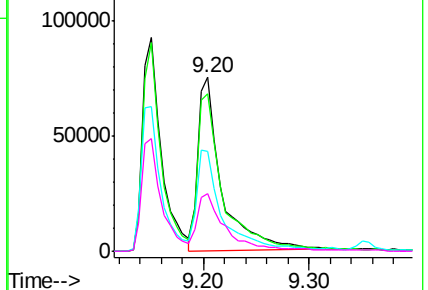
#43
 2,4,5-Trichlorophenol
 Concen: 26.813 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 116520
 Ion Ratio Lower Upper
 196 100
 198 90.9 74.6 112.0
 97 57.5 42.9 64.3
 132 33.5 26.3 39.5

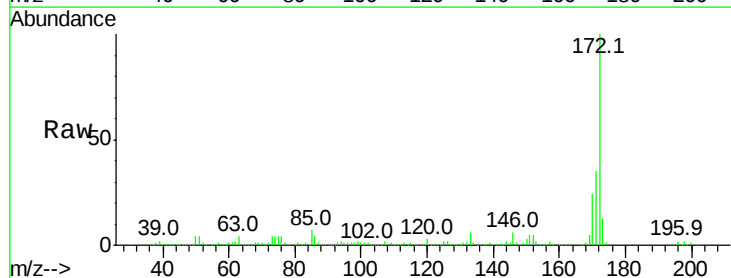


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

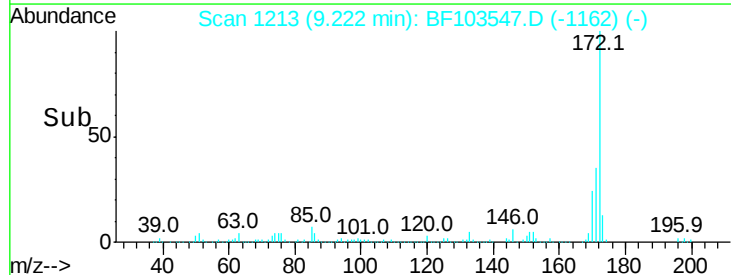
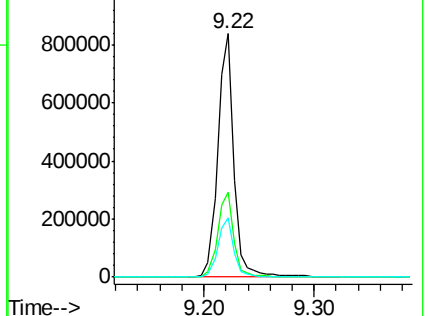


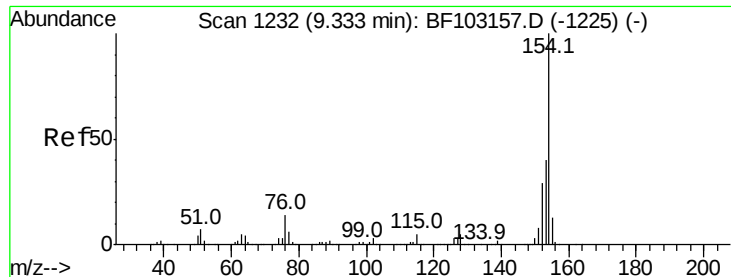
#44
 2-Fluorobiphenyl
 Concen: 67.566 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:172 Resp: 846526
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 24.4 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

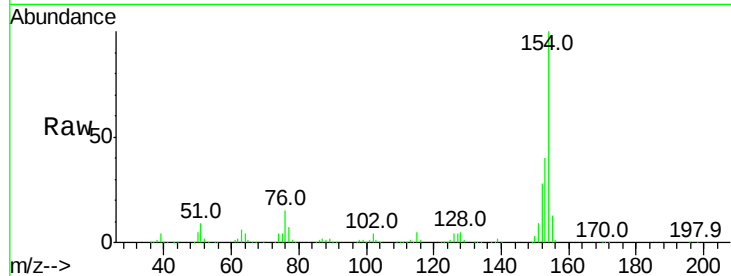




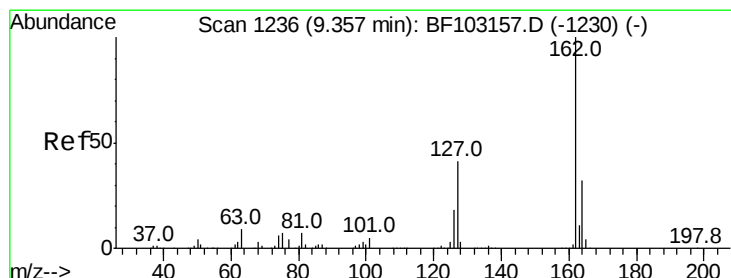
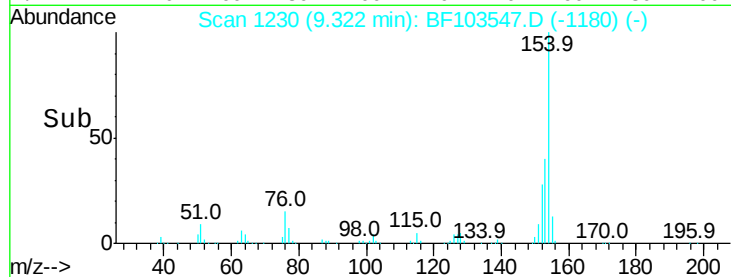
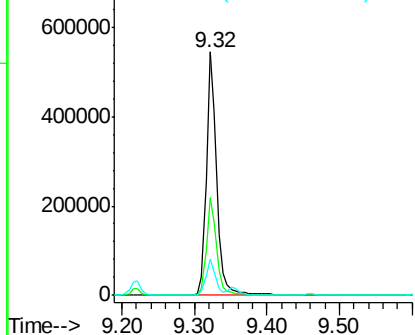
#45
 1,1'-Biphenyl
 Concen: 31.643 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 544624
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.3 61.3
 76 14.8 0.0 34.0

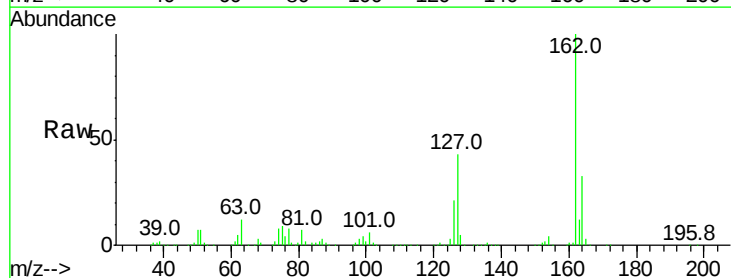


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

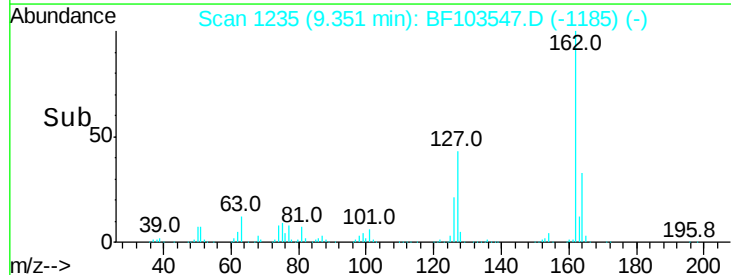
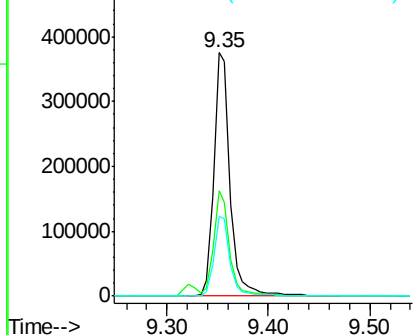


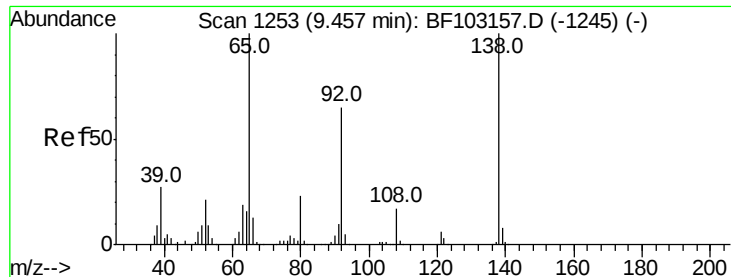
#46
 2-Chloronaphthalene
 Concen: 30.755 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:162 Resp: 418782
 Ion Ratio Lower Upper
 162 100
 127 43.0 33.9 50.9
 164 32.8 26.5 39.7



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

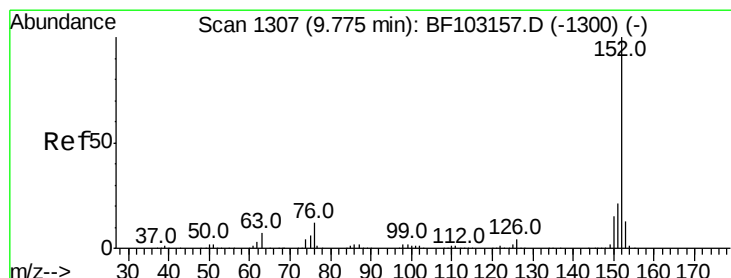
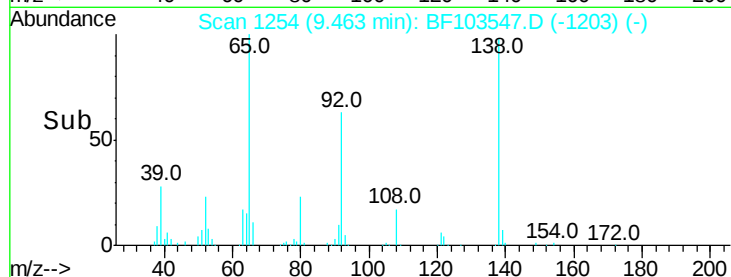
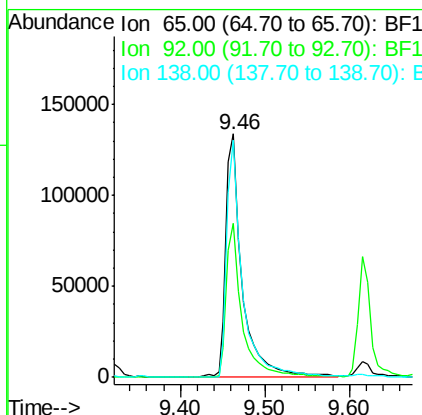
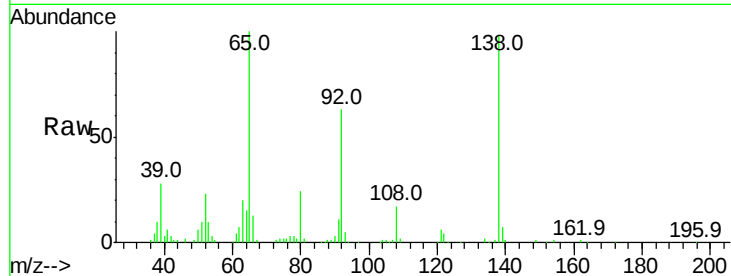




#47
2-Nitroaniline
Concen: 35.894 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

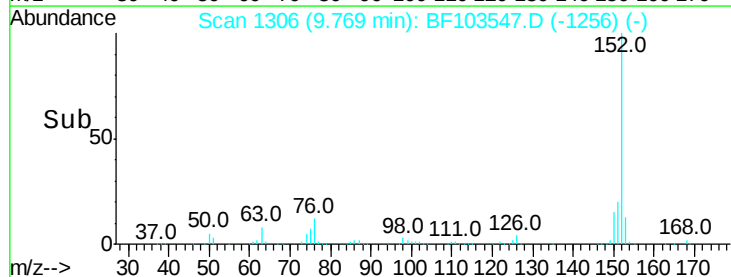
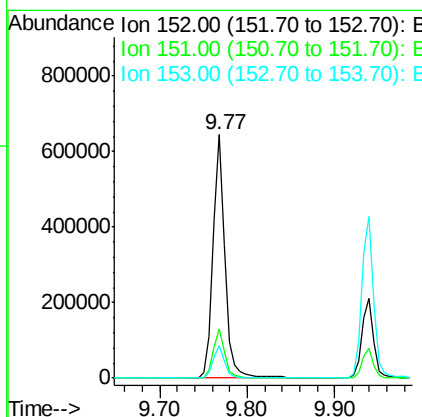
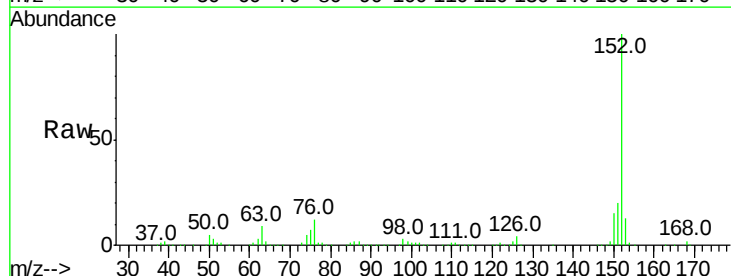
Instrument :
BNA_F
ClientSampleId :

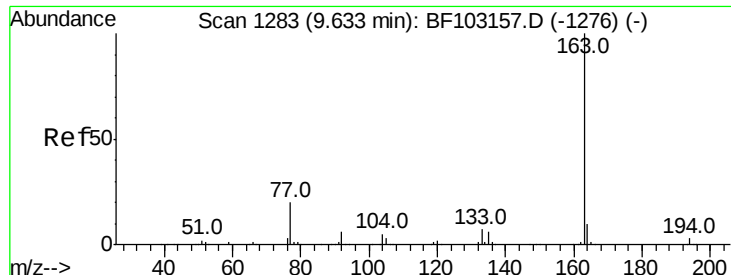
Tot Ion: 65 Resp: 181048
Ion Ratio Lower Upper
65 100
92 63.1 55.8 83.6
138 97.7 91.2 136.8



#48
Acenaphthylene
Concen: 29.541 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion: 152 Resp: 618899
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.4 10.7 16.1

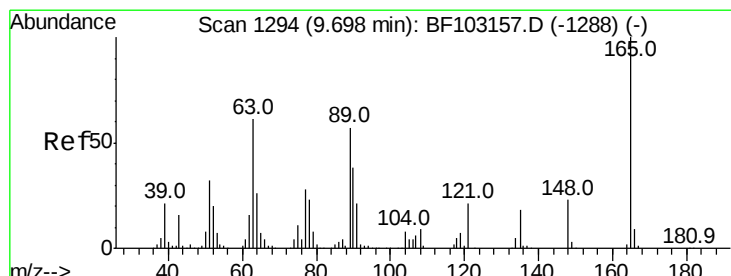
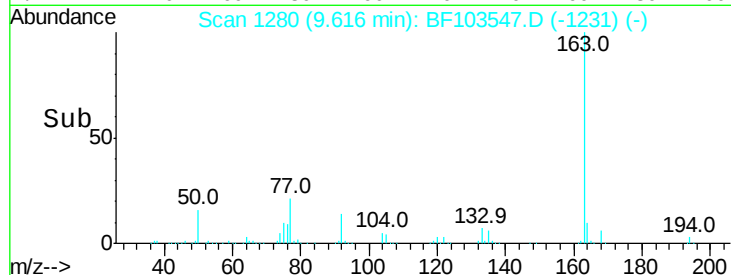
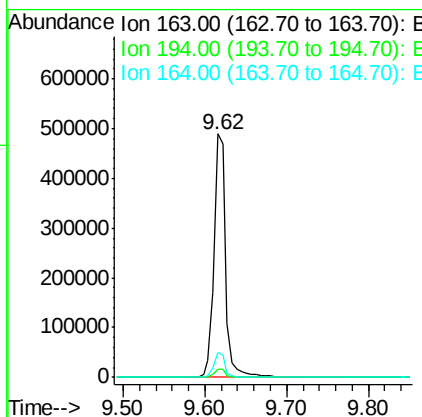
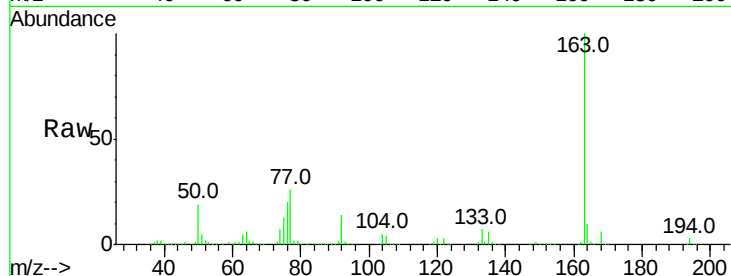




#49
Dimethylphthalate
Concen: 29.478 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

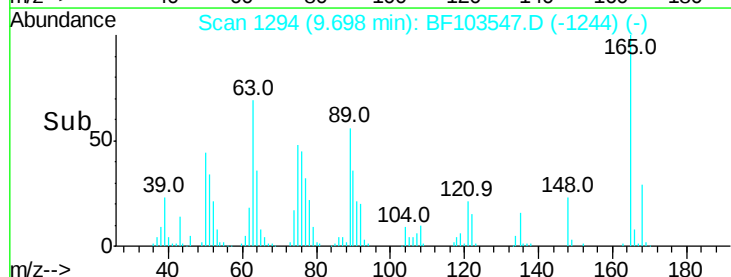
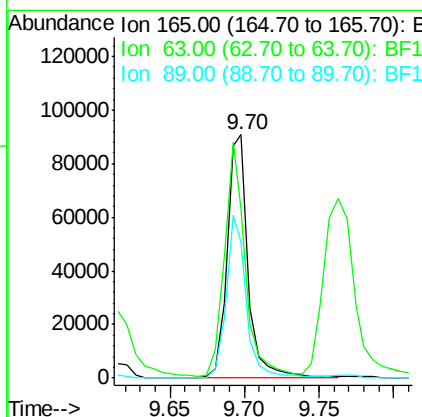
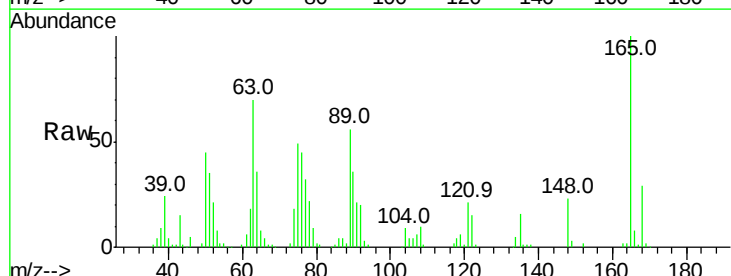
Instrument :
BNA_F
ClientSampleId :

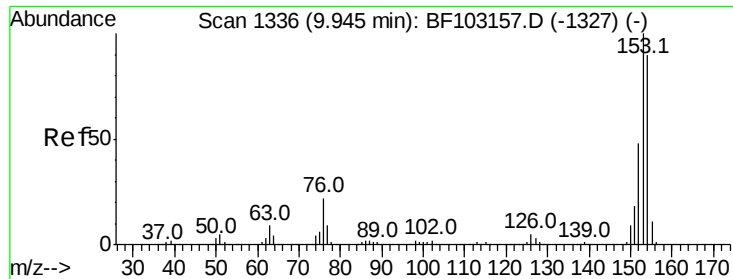
Tot Ion:163 Resp: 485733
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 26.258 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion:165 Resp: 90796
Ion Ratio Lower Upper
165 100
63 69.5 44.7 67.1#
89 55.6 44.0 66.0





#51

Acenaphthene

Concen: 29.389 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

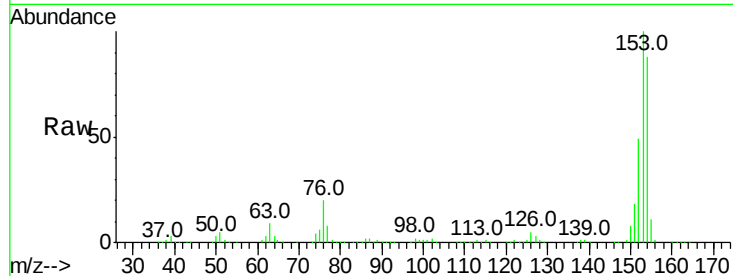
Tot Ion:154 Resp: 359037

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

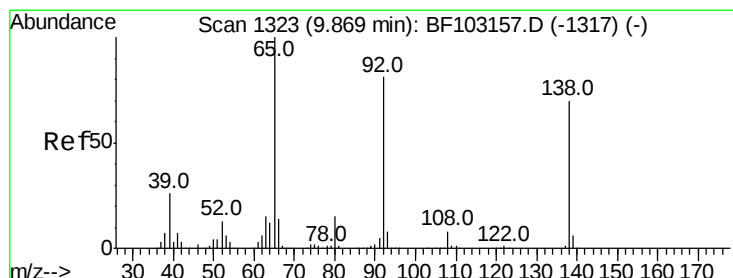
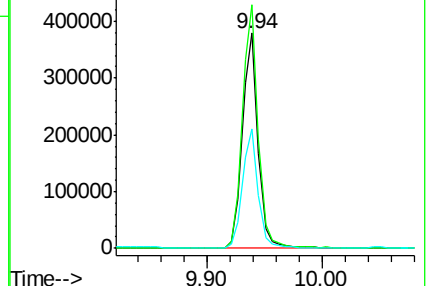
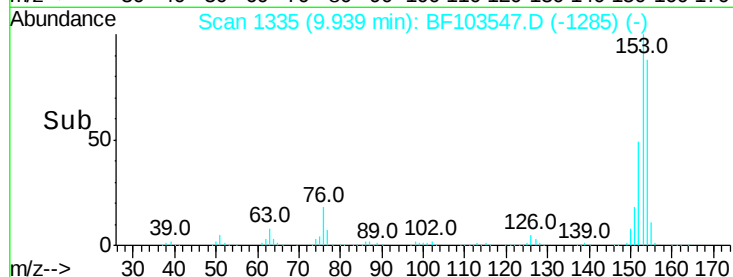
152 55.5 43.8 65.8



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: 22.697 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

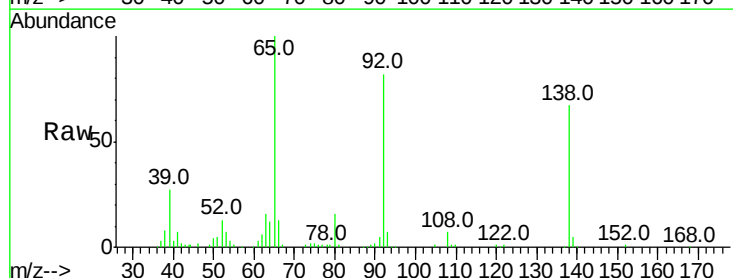
Tgt Ion:138 Resp: 99576

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

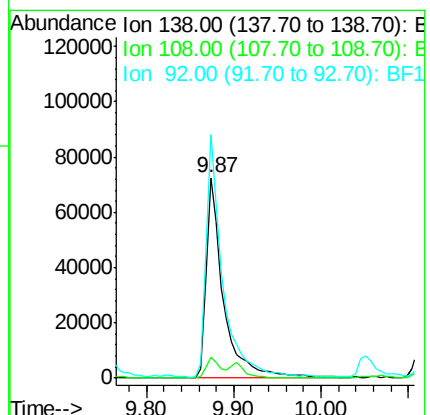
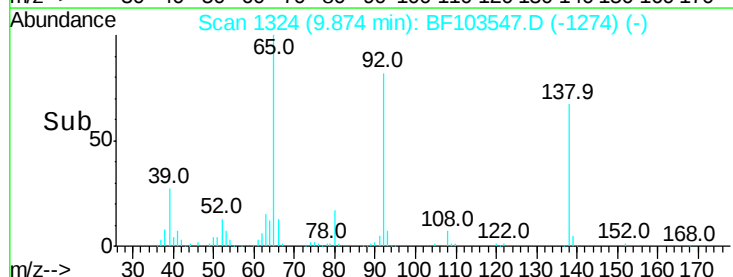
92 121.4 89.4 134.2

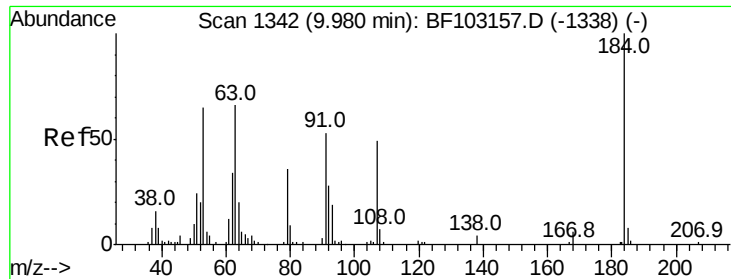


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

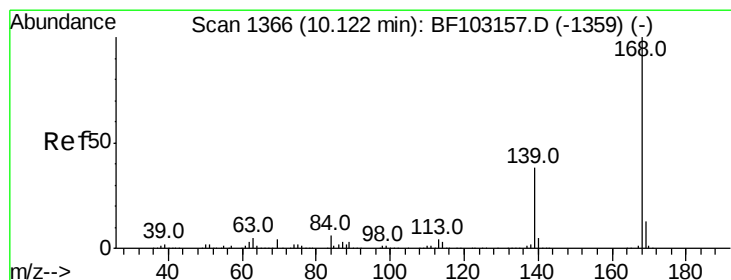
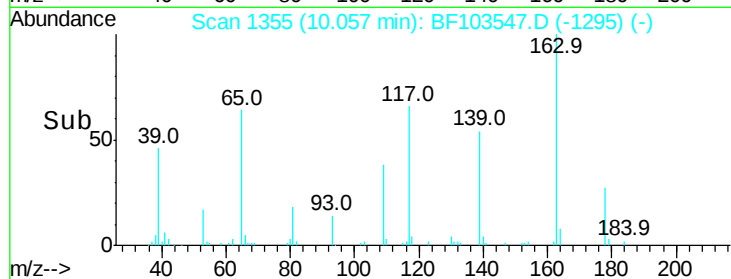
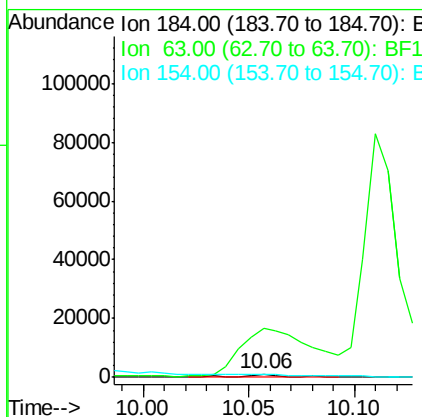
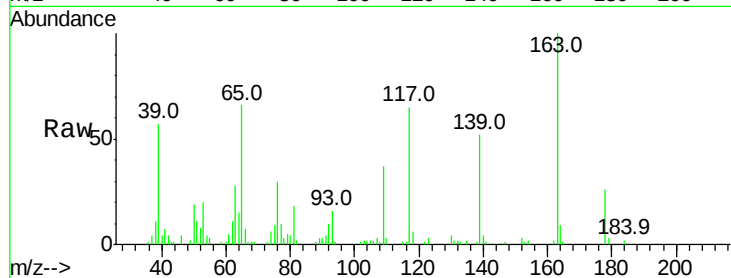




#53
 2,4-Dinitrophenol
 Concen: 10.735 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.05 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

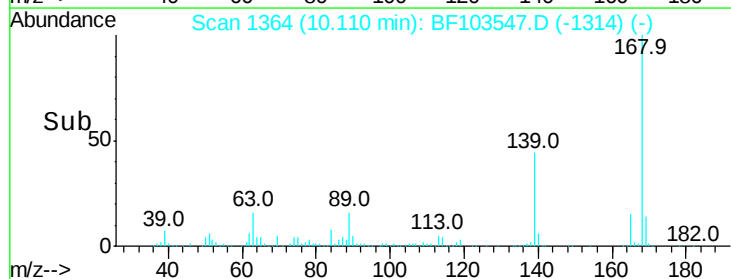
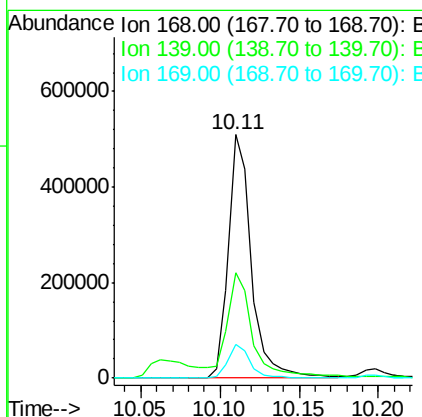
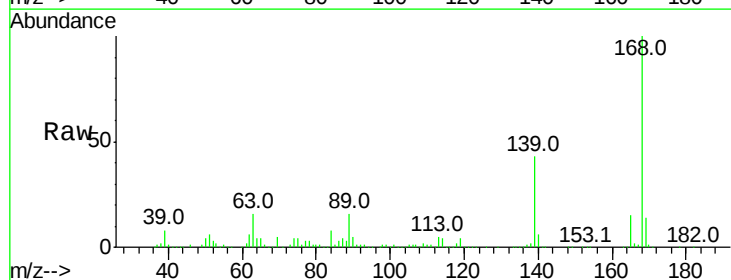
Instrument :
 BNA_F
 ClientSampleId :

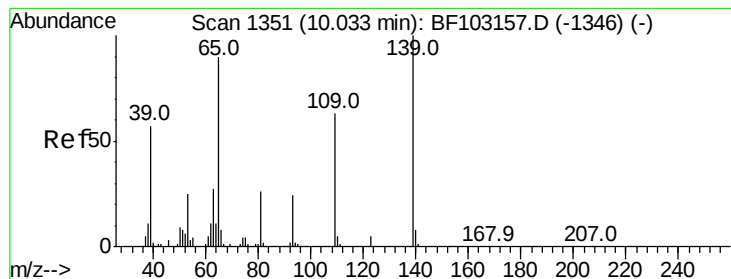
Tot Ion:184 Resp: 1582
 Ion Ratio Lower Upper
 184 100
 63 1656.5 54.2 81.2#
 154 120.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 30.789 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:168 Resp: 516339
 Ion Ratio Lower Upper
 168 100
 139 43.5 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 28.366 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampled :

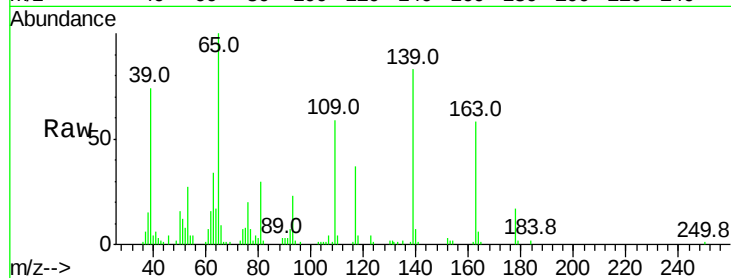
Tot Ion:139 Resp: 77127

Ion Ratio Lower Upper

139 100

109 71.2 48.4 88.4

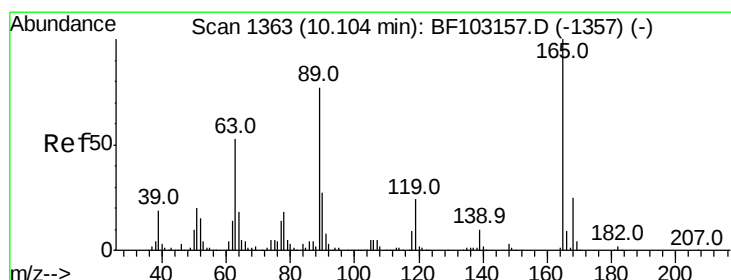
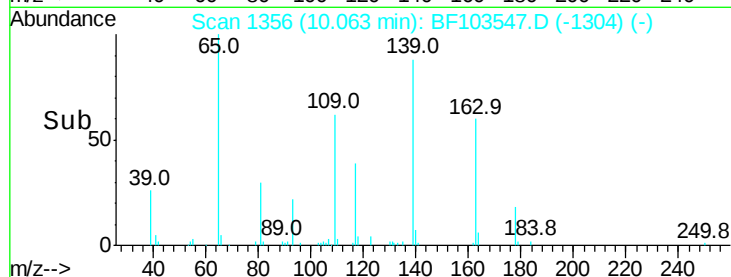
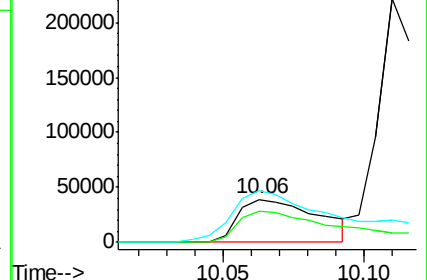
65 121.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 23.620 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Tgt Ion:165 Resp: 103296

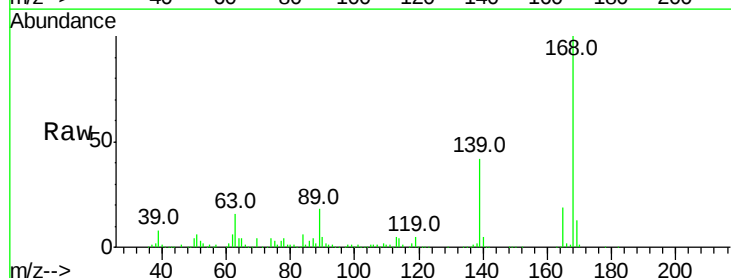
Ion Ratio Lower Upper

165 100

63 84.0 36.4 54.6#

89 93.4 57.8 86.6#

182 2.3 1.6 2.4

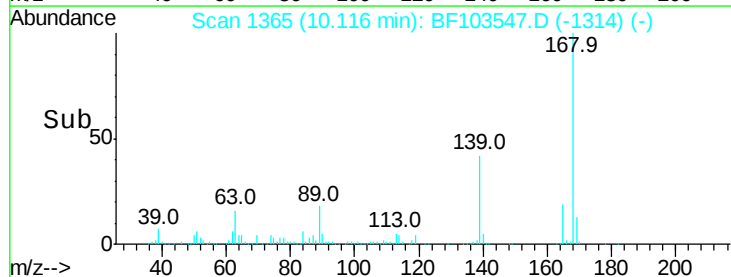
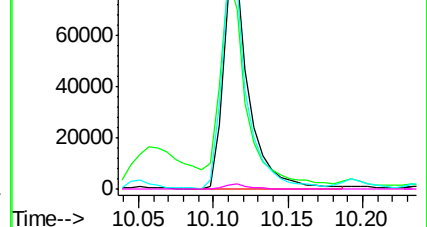


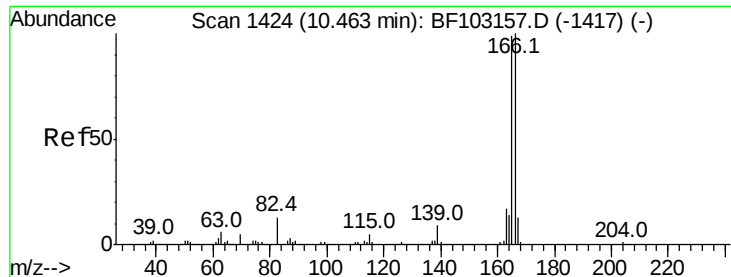
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

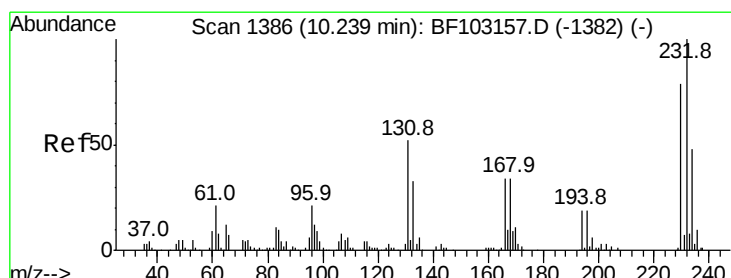
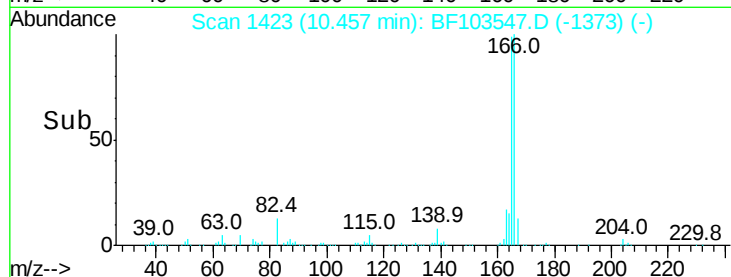
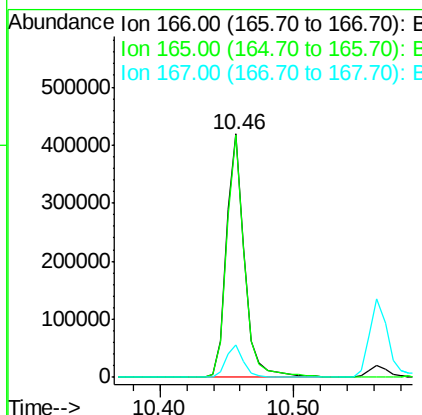
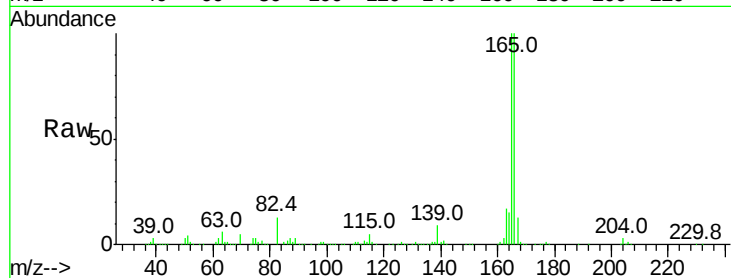




#57
 Fluorene
 Concen: 28.026 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

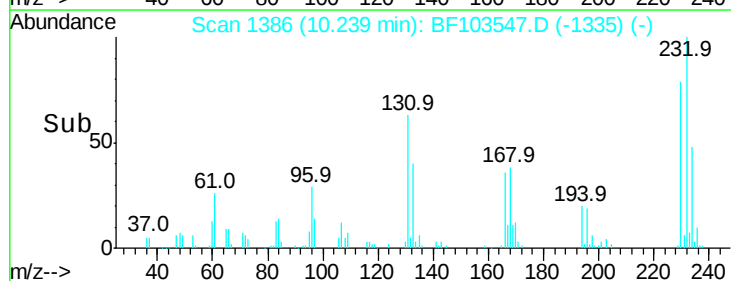
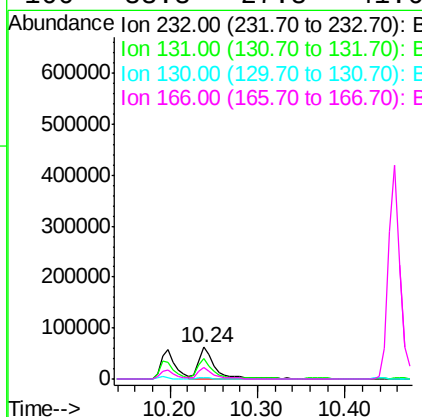
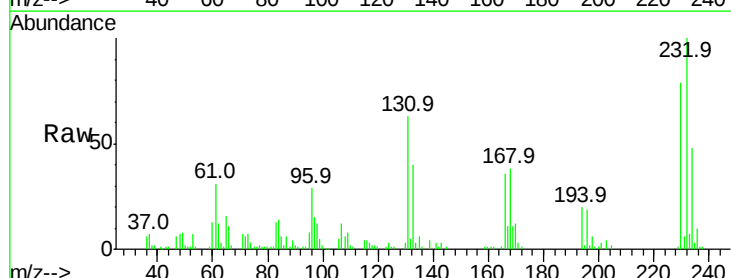
Instrument :
 BNA_F
 ClientSampled :

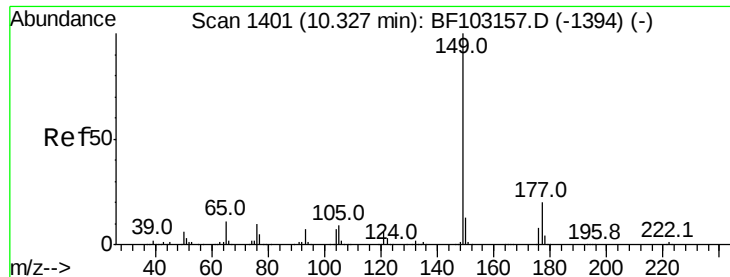
Tot Ion:166 Resp: 400384
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.076 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:232 Resp: 81962
 Ion Ratio Lower Upper
 232 100
 131 56.8 43.8 65.8
 130 2.7 2.1 3.1
 166 33.3 27.8 41.6





#59

Diethylphthalate

Concen: 30.298 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

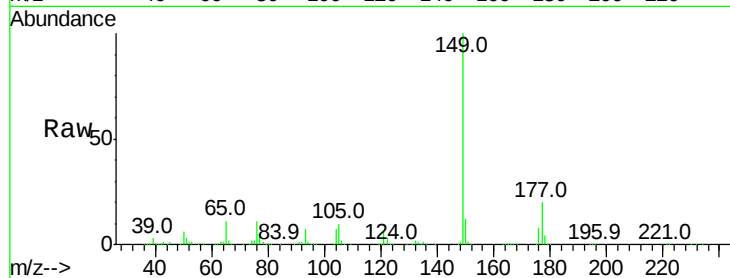
Tot Ion:149 Resp: 477477

Ion Ratio Lower Upper

149 100

177 19.9 16.1 24.1

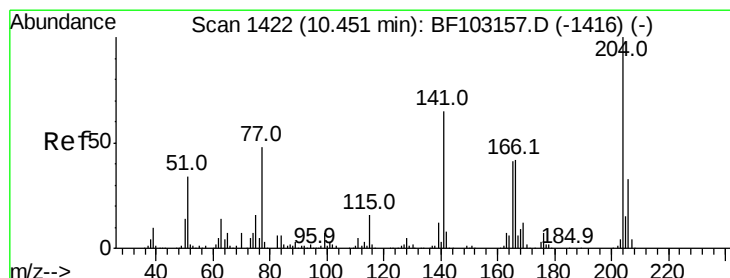
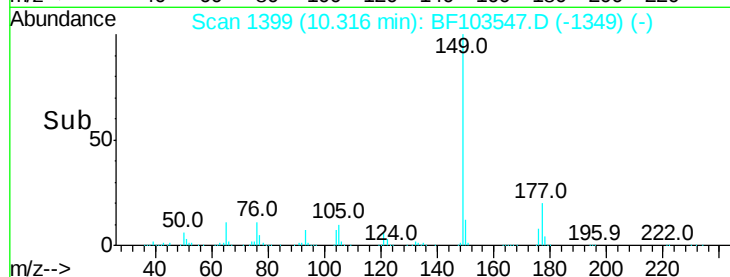
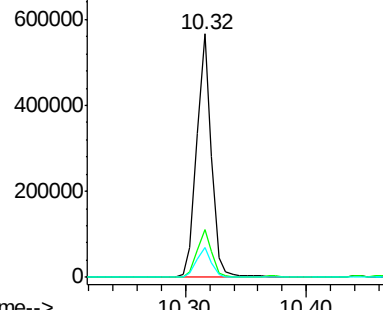
150 12.5 10.1 15.1



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: 30.009 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

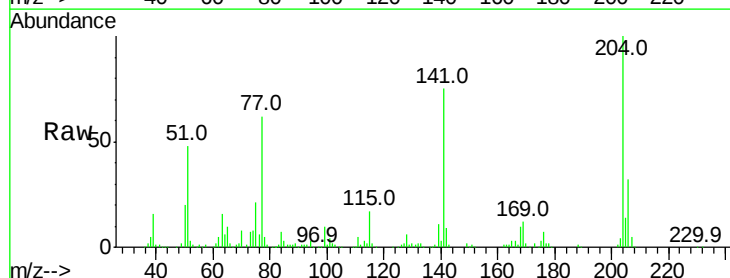
Tgt Ion:204 Resp: 181800

Ion Ratio Lower Upper

204 100

206 31.6 26.5 39.7

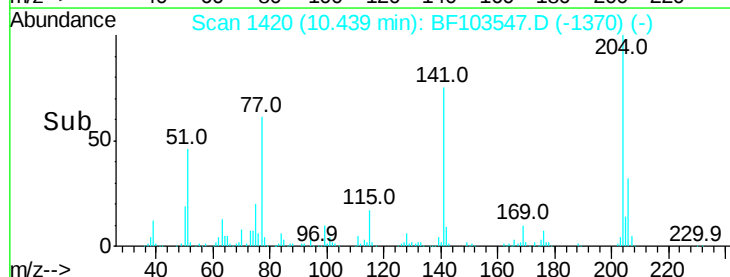
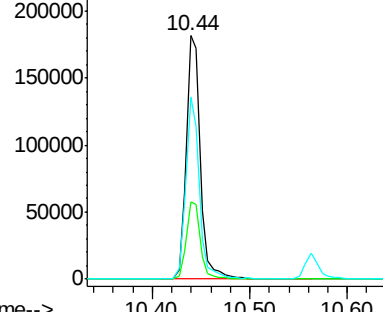
141 75.0 54.6 81.8

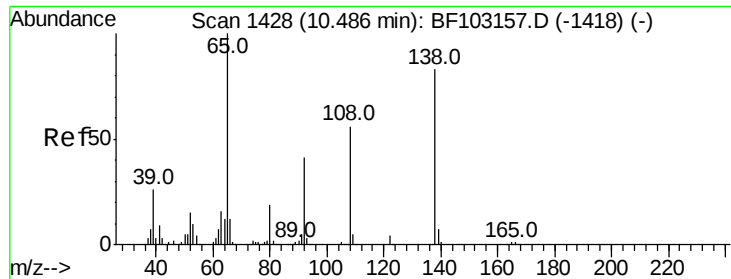


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

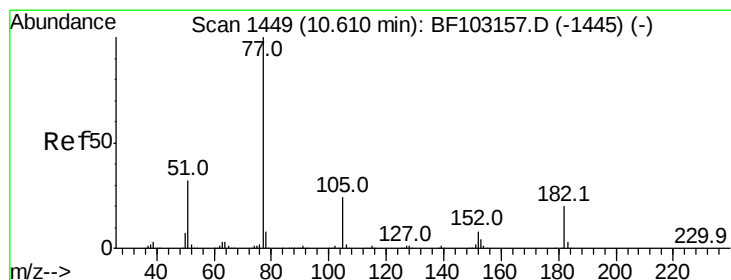
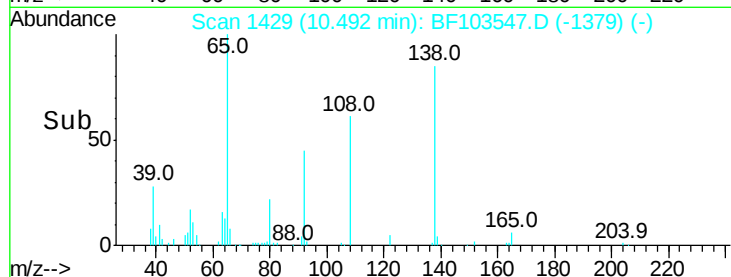
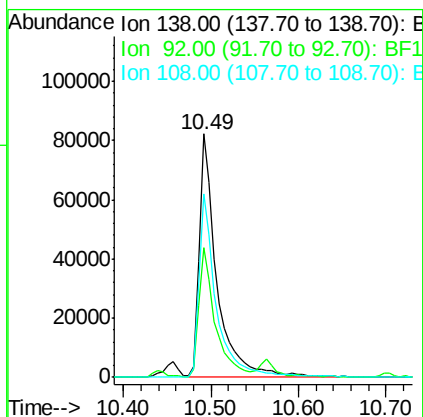
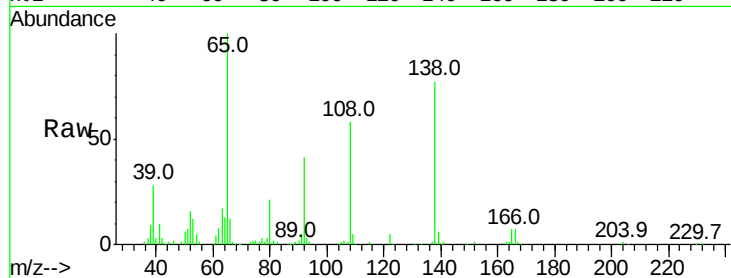




#61
4-Nitroaniline
Concen: 26.419 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

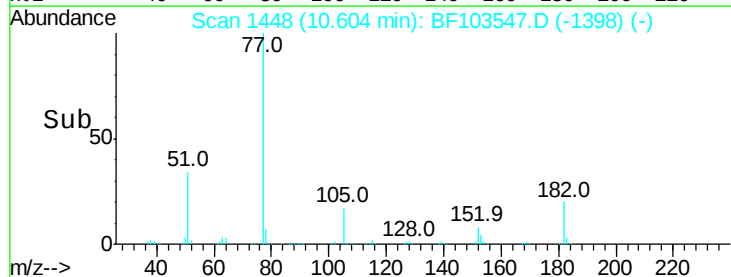
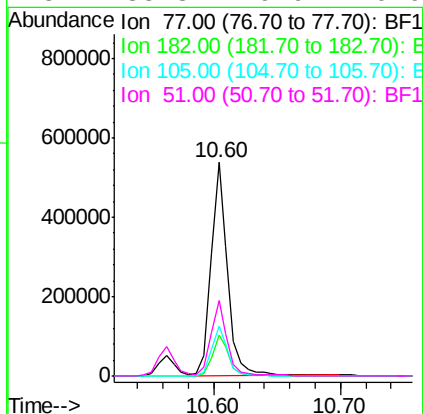
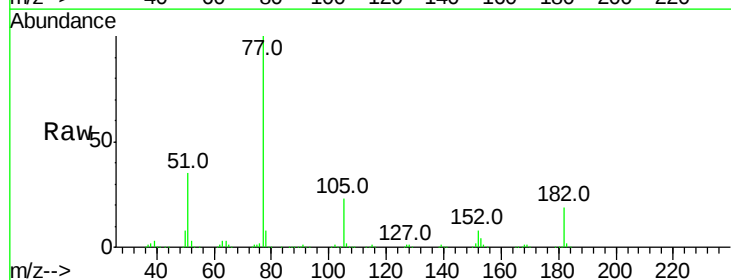
Instrument :
BNA_F
ClientSampleId :

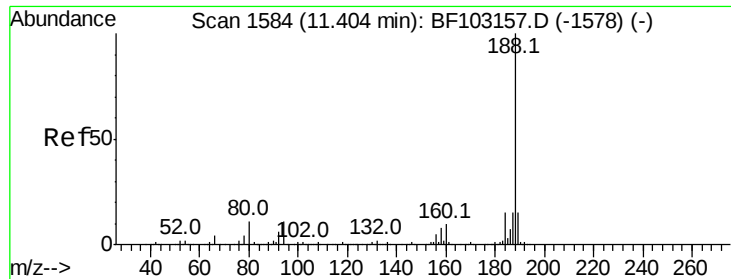
Tot Ion:138 Resp: 115765
Ion Ratio Lower Upper
138 100
92 53.5 30.2 70.2
108 75.3 52.5 92.5



#62
Azobenzene
Concen: 30.591 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion: 77 Resp: 490717
Ion Ratio Lower Upper
77 100
182 19.0 1.7 41.7
105 23.3 3.0 43.0
51 35.3 9.9 49.9

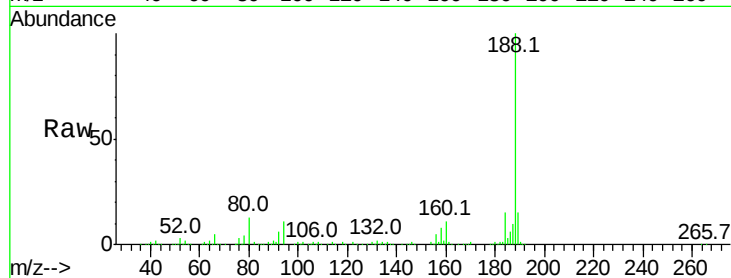




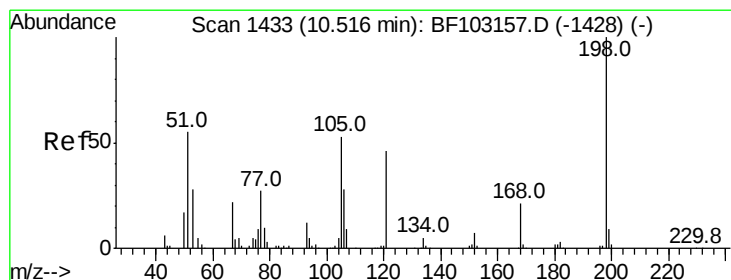
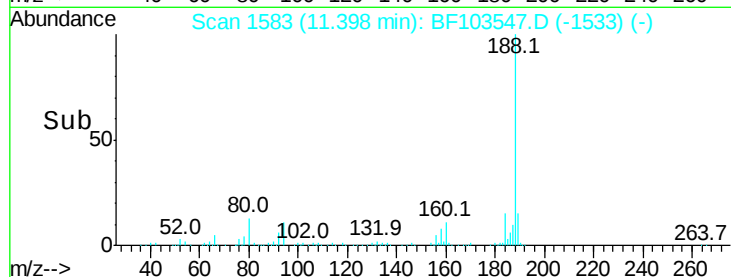
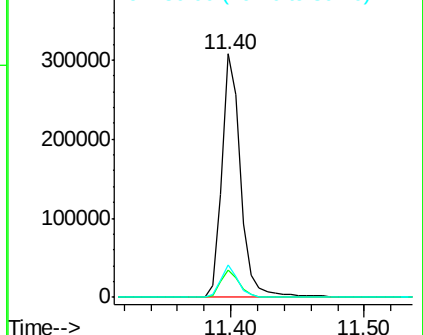
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 308265
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 13.1 9.2 13.8

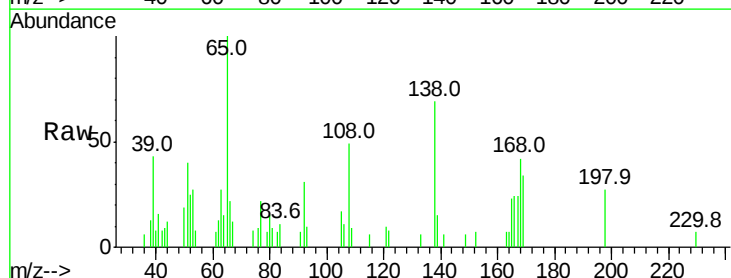


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

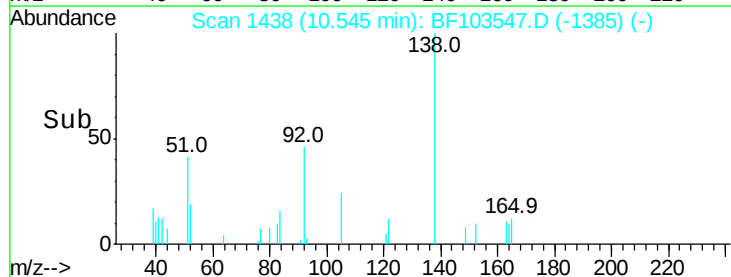
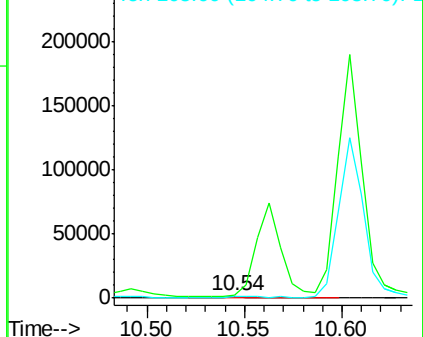


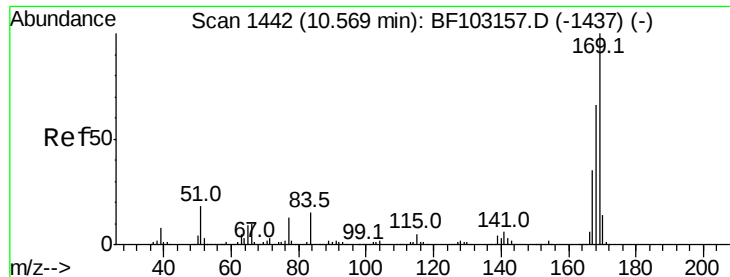
#64
4,6-Dinitro-2-methylphenol
Concen: 5.959 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion:198 Resp: 2119
Ion Ratio Lower Upper
198 100
51 148.6 37.7 77.7#
105 62.0 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: 32.492 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampled :

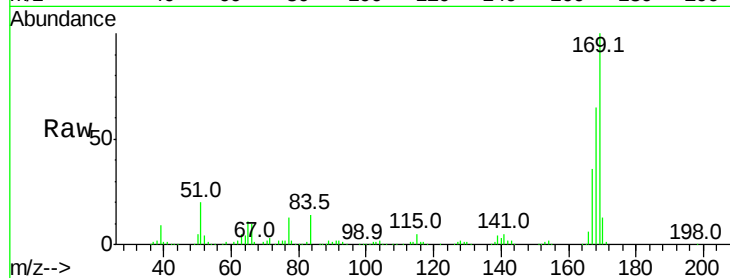
Tot Ion:169 Resp: 348743

Ion Ratio Lower Upper

169 100

168 65.4 54.4 81.6

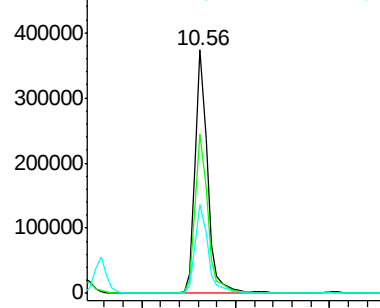
167 36.3 29.8 44.6



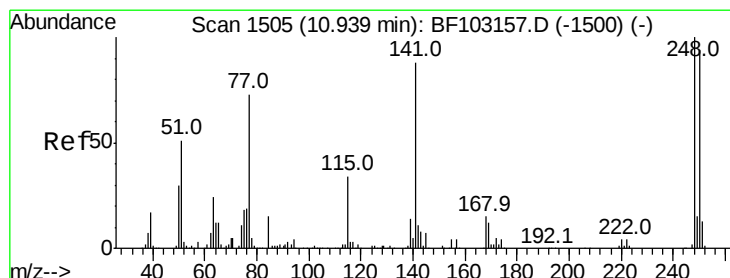
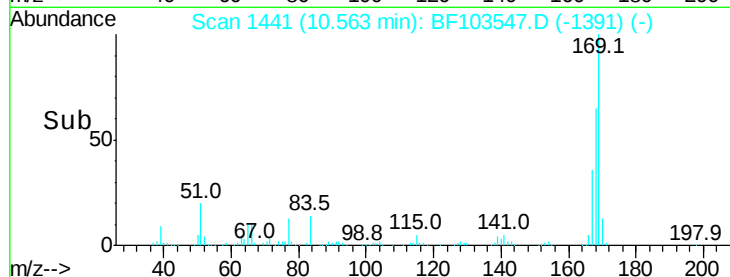
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 30.361 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

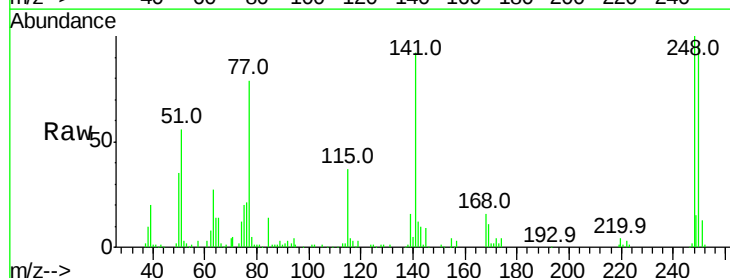
Tgt Ion:248 Resp: 97494

Ion Ratio Lower Upper

248 100

250 94.9 76.9 115.3

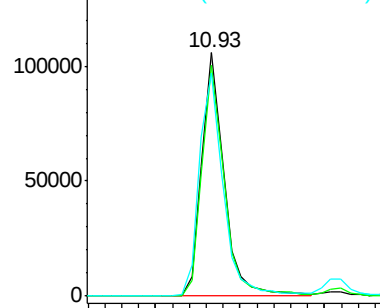
141 91.6 74.4 111.6



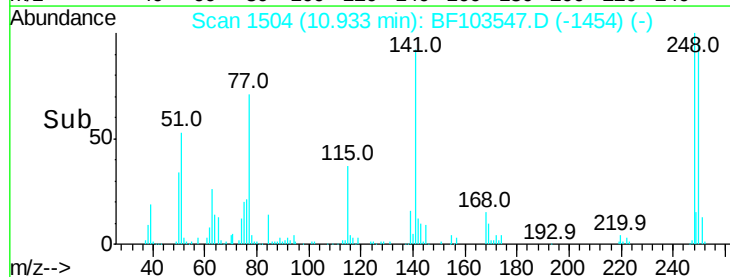
Abundance Ion 248.00 (247.70 to 248.70): E

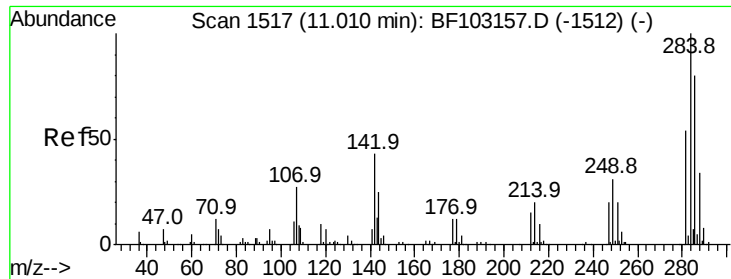
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

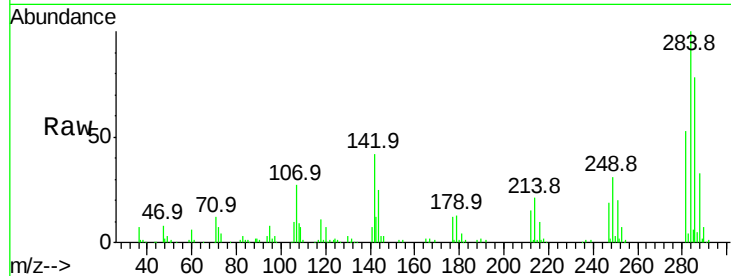




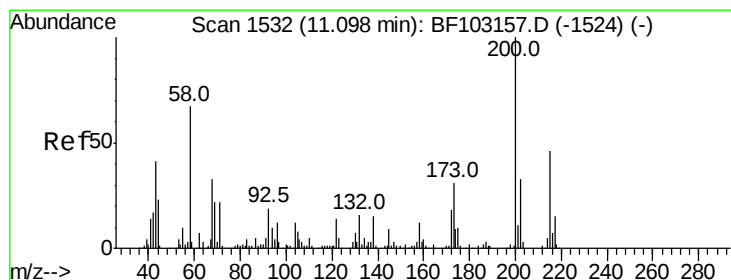
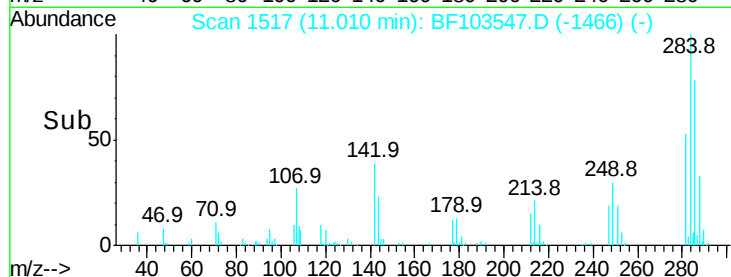
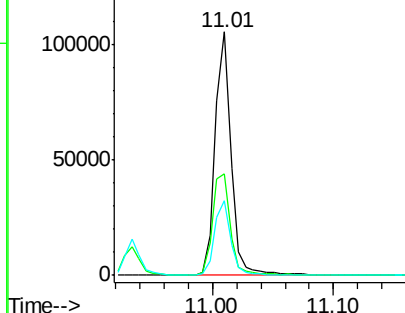
#67
Hexachlorobenzene
Concen: 27.358 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 95356
Ion Ratio Lower Upper
284 100
142 41.9 34.6 52.0
249 30.6 24.8 37.2

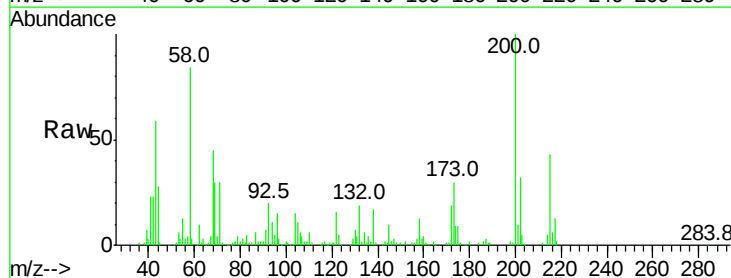


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

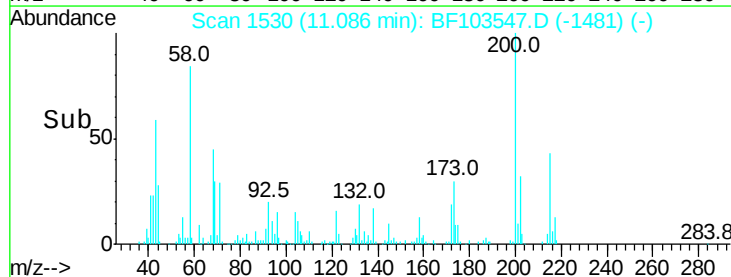
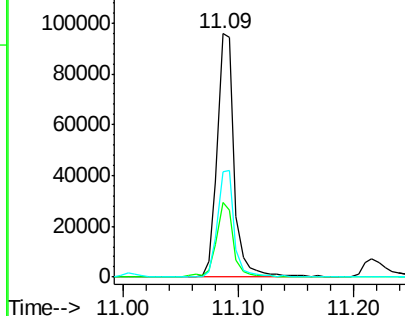


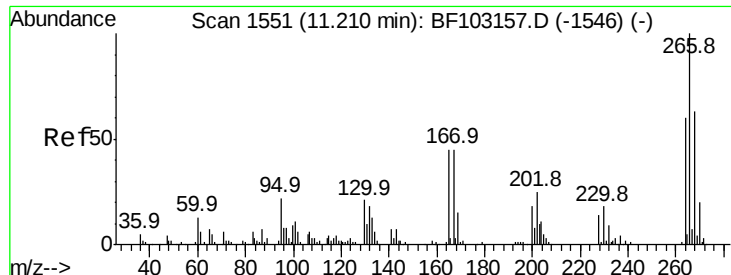
#68
Atrazine
Concen: 30.767 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion:200 Resp: 99256
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 43.0 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

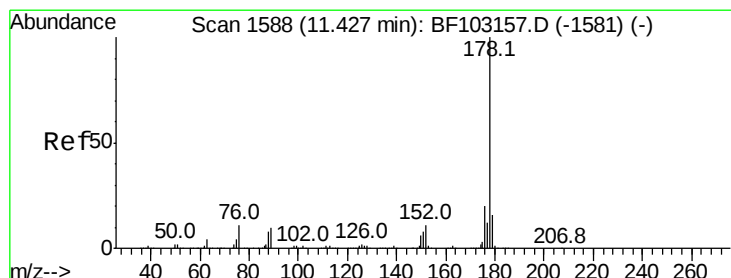
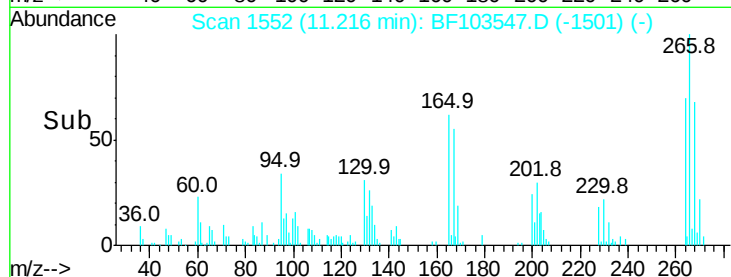
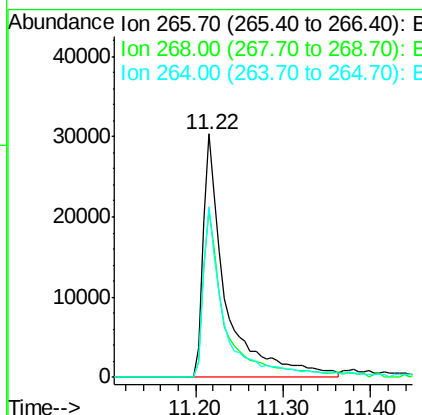
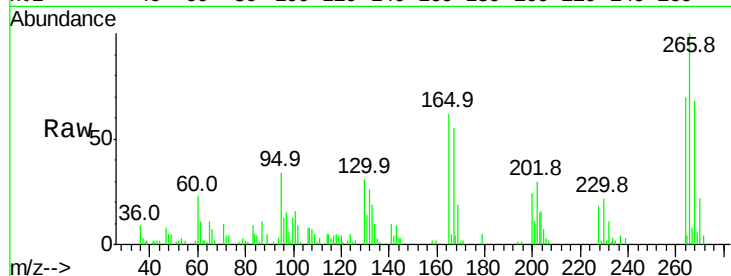




#69
 Pentachlorophenol
 Concen: 32.425 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

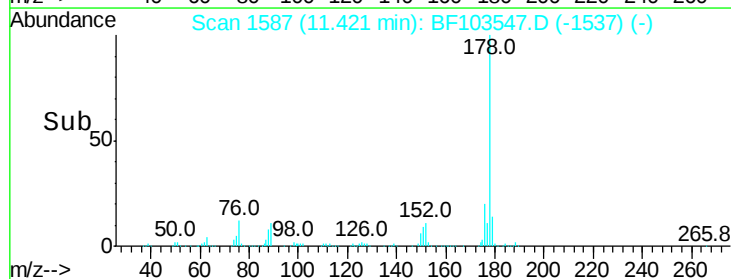
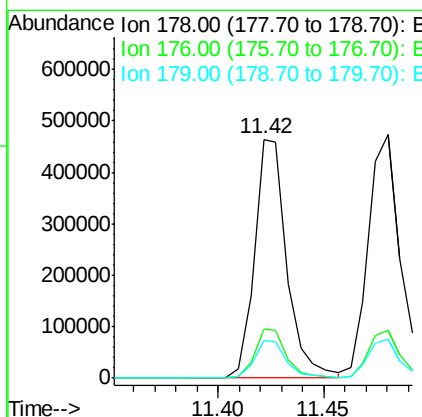
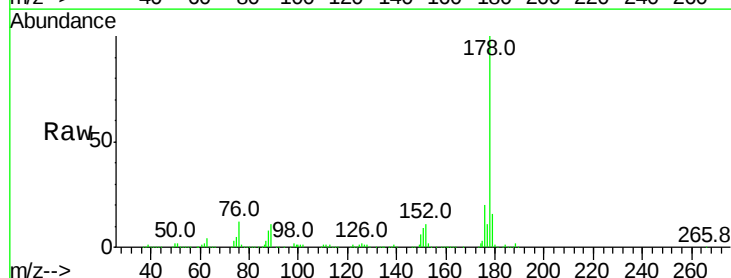
Instrument :
 BNA_F
 ClientSampleId :

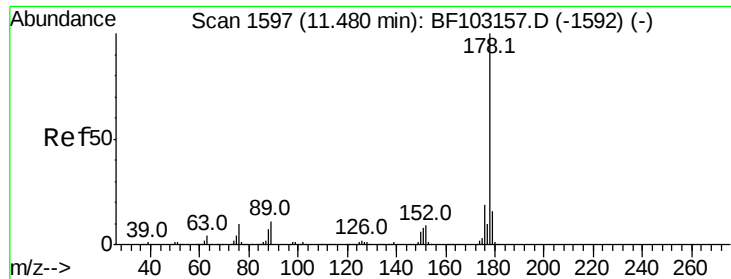
Tot Ion:266 Resp: 54645
 Ion Ratio Lower Upper
 266 100
 268 68.5 51.1 76.7
 264 74.5 49.5 74.3#



#70
 Phenanthrene
 Concen: 29.053 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:178 Resp: 492877
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.9 13.0 19.6

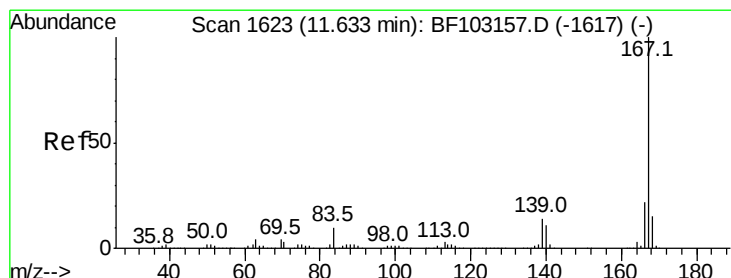
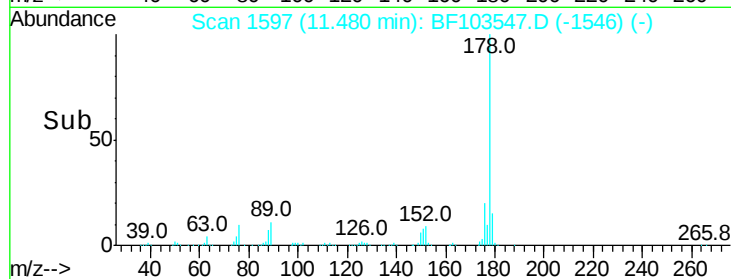
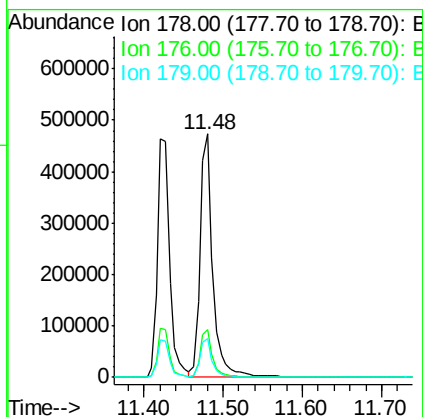
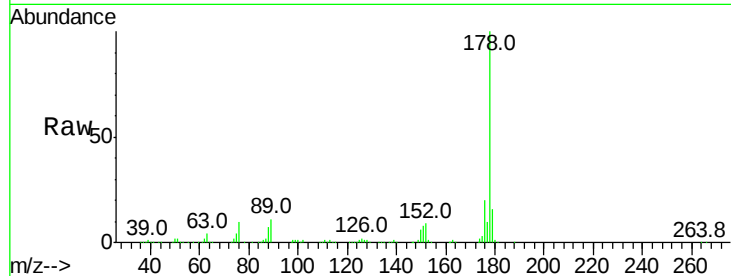




#71
 Anthracene
 Concen: 31.012 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

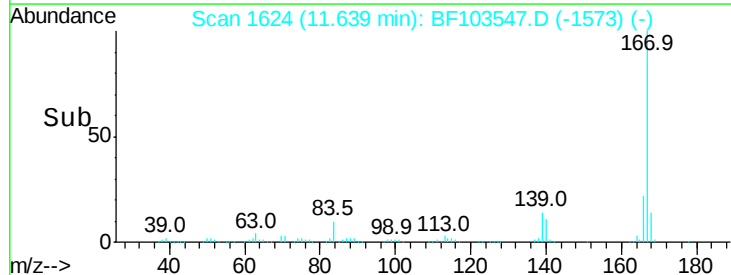
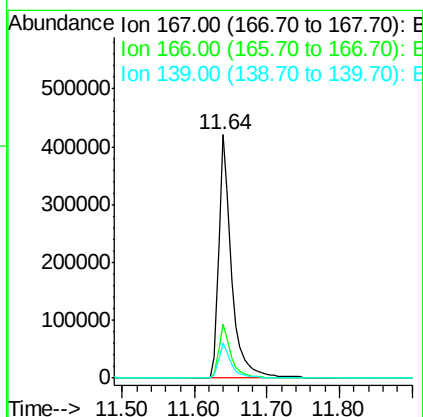
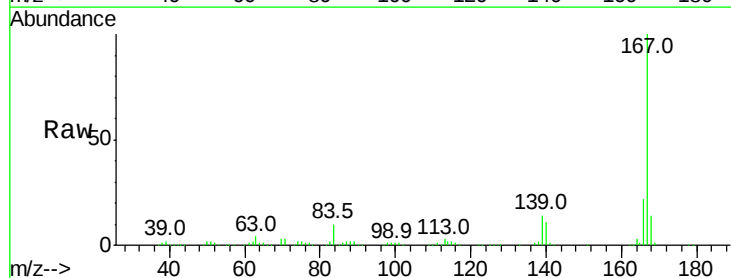
Instrument :
 BNA_F
 ClientSampleId :

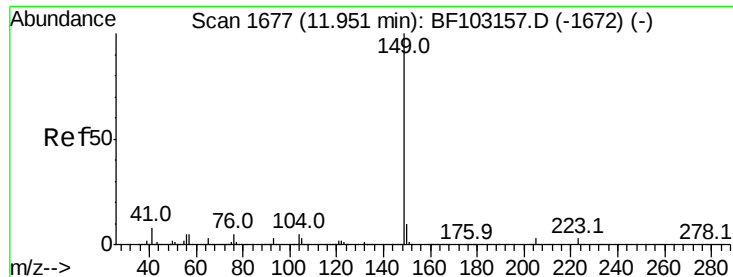
Tot Ion:178 Resp: 539500
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 29.983 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:167 Resp: 519420
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.3 10.9 16.3

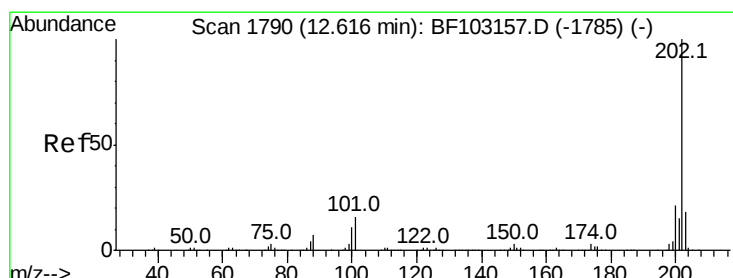
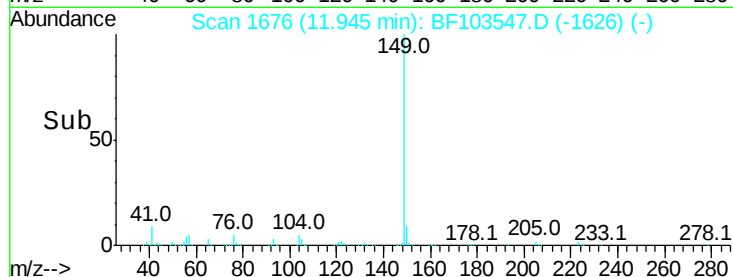
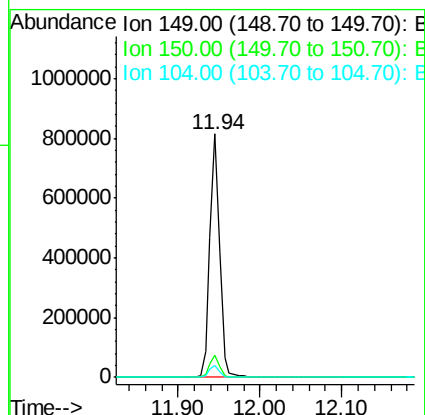
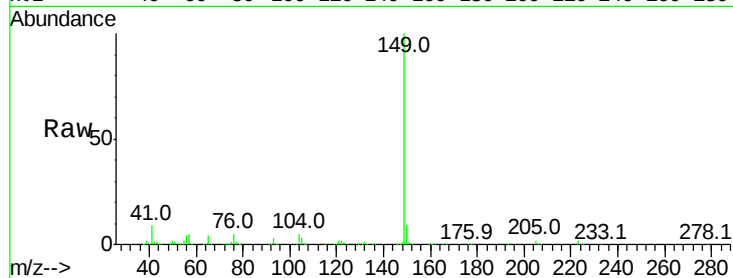




#73
Di-n-butylphthalate
Concen: 31.242 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

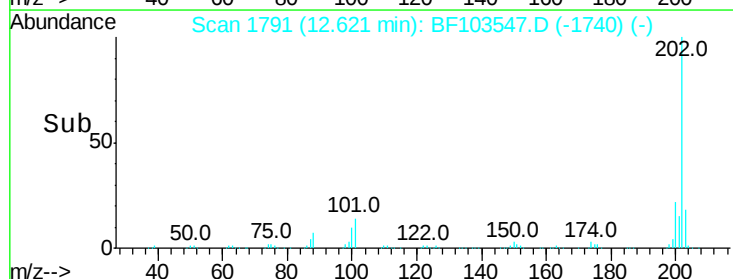
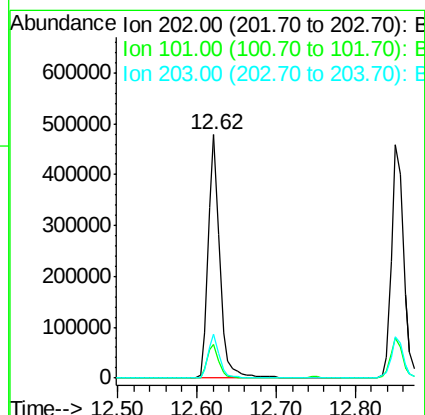
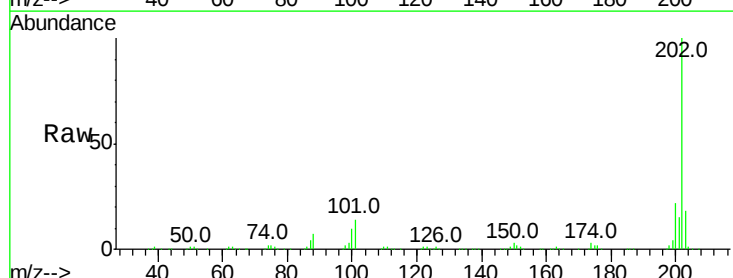
Instrument :
BNA_F
ClientSampleId :

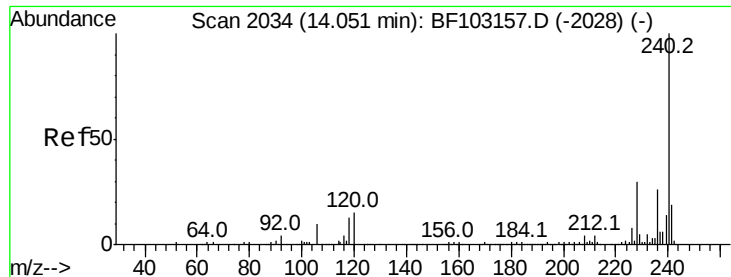
Tot Ion:149 Resp: 677243
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 28.830 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion:202 Resp: 491494
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

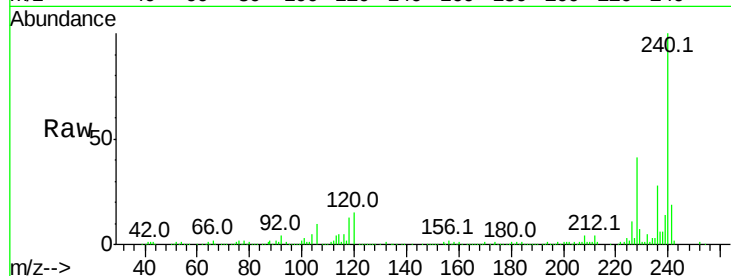
Tot Ion:240 Resp: 208753

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

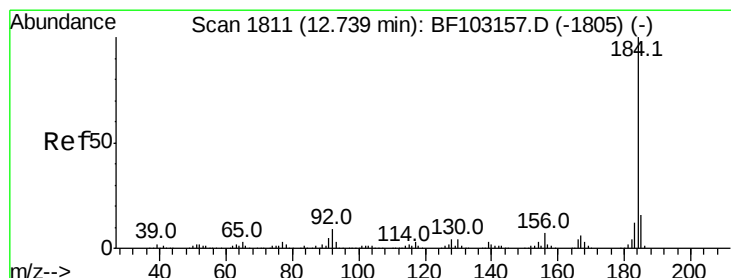
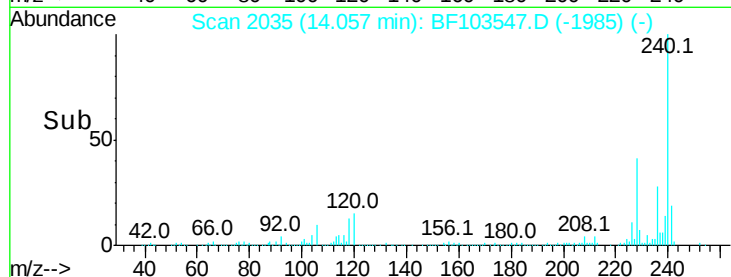
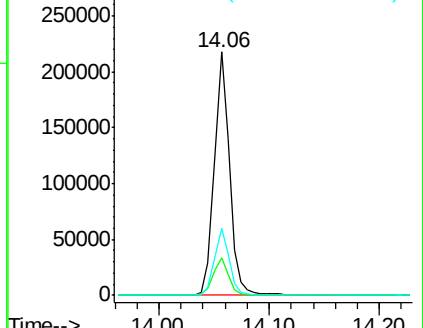
236 27.6 20.7 31.1



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: 55.638 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

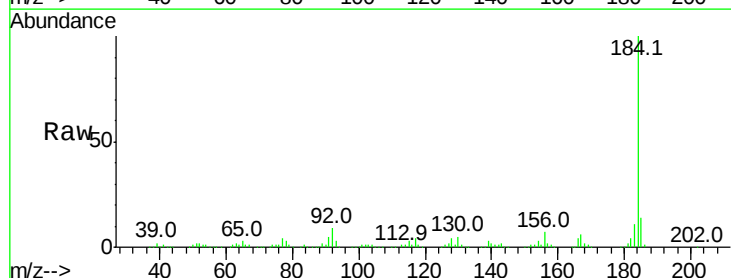
Tgt Ion:184 Resp: 434212

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

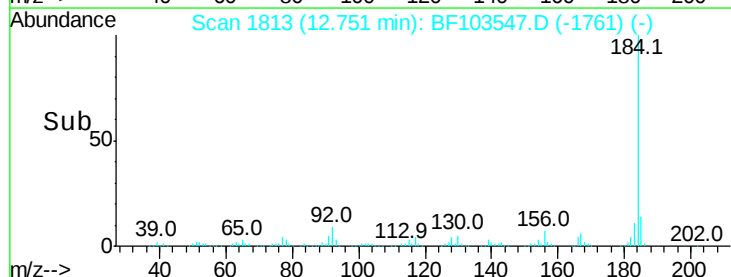
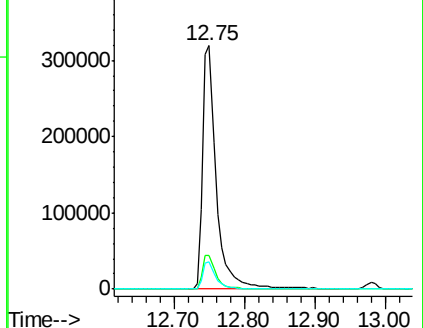
183 11.5 9.3 13.9

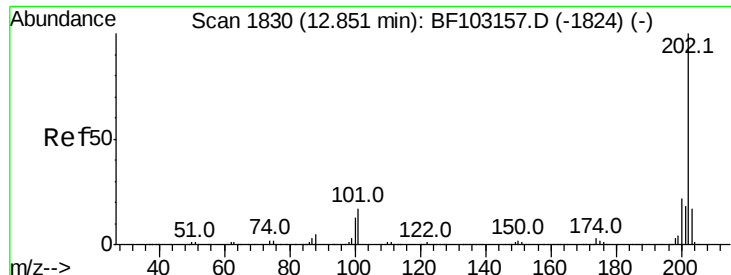


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

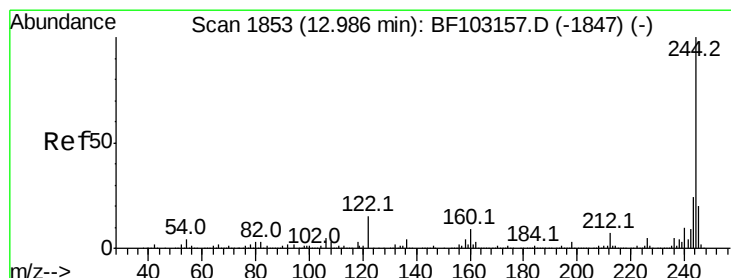
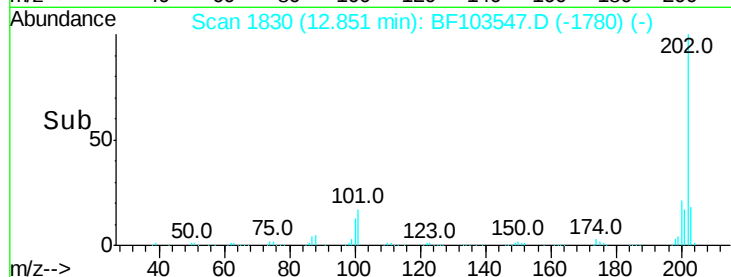
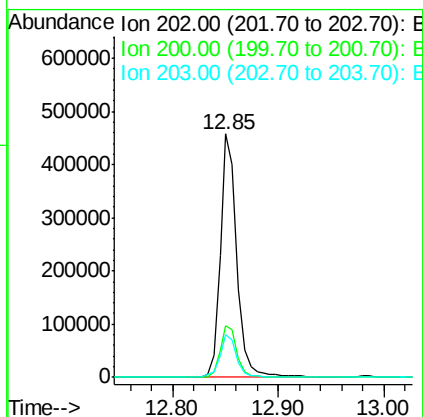
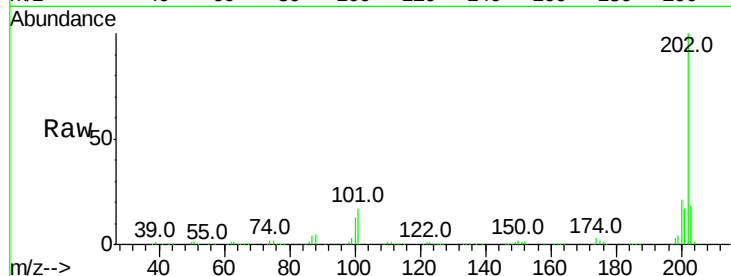




#77
 Pvrene
 Concen: 30.590 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

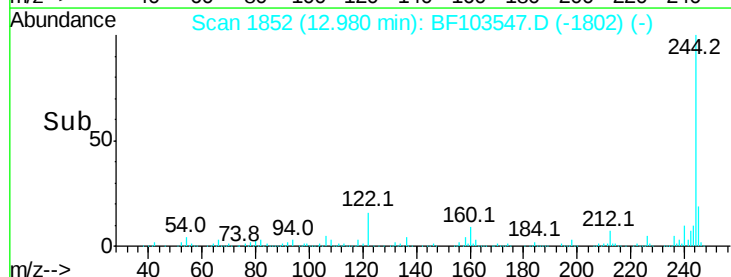
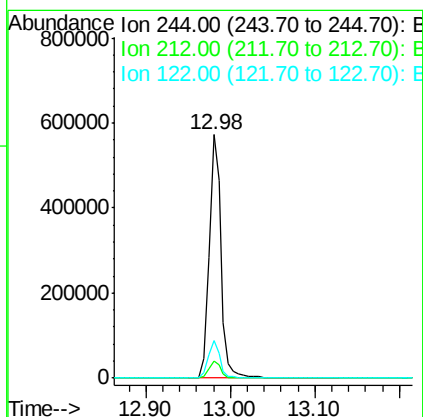
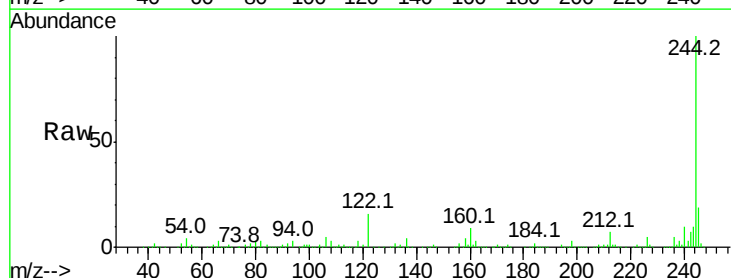
Instrument :
 BNA_F
 ClientSampleId :

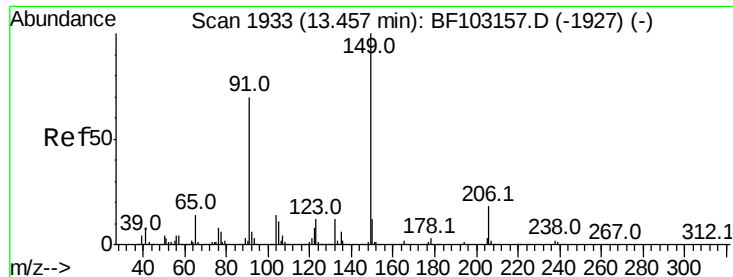
Tot Ion:202 Resp: 497876
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 64.836 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:244 Resp: 563040
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.7 11.0 16.4

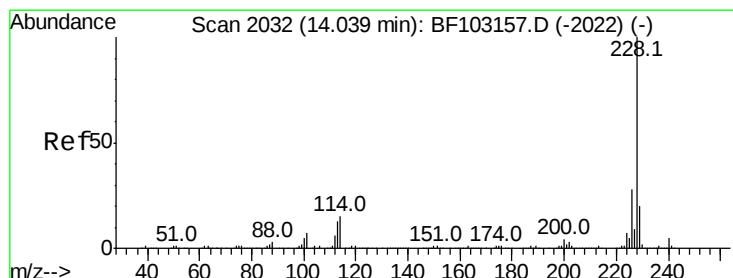
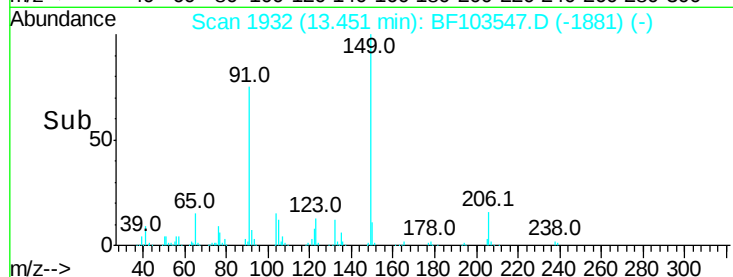
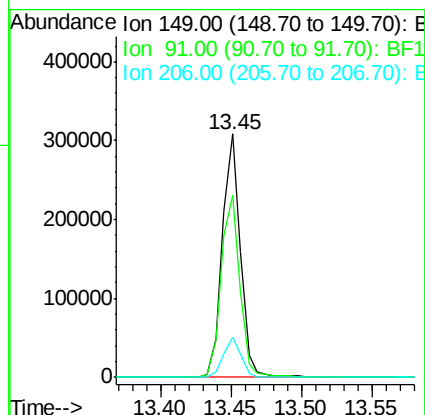
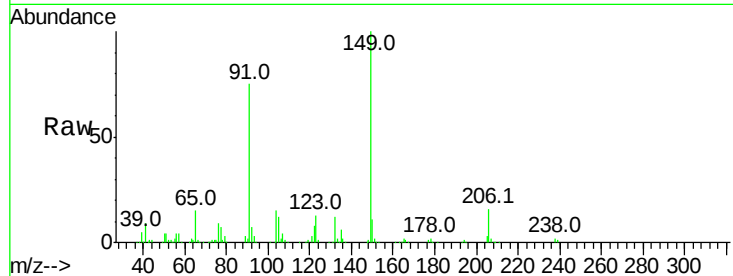




#79
Butylbenzylphthalate
Concen: 32.086 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

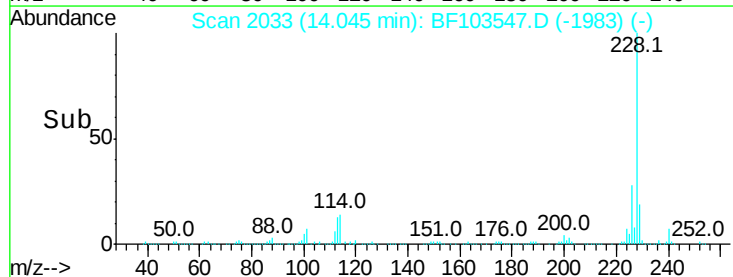
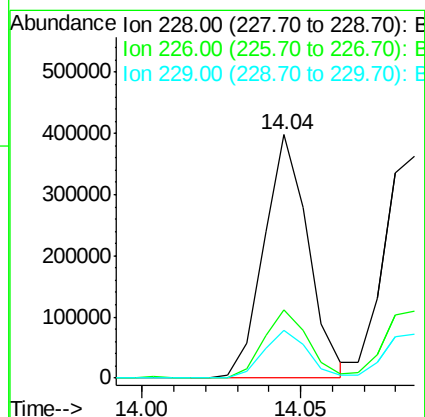
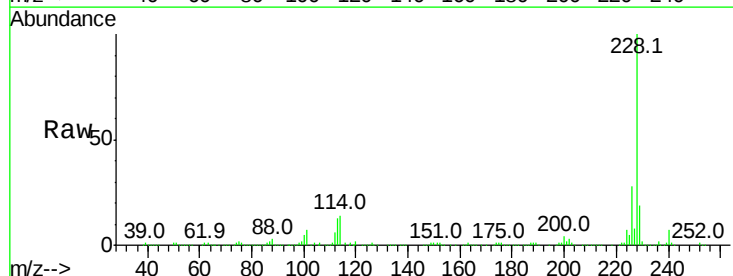
Instrument :
BNA_F
ClientSampleId :

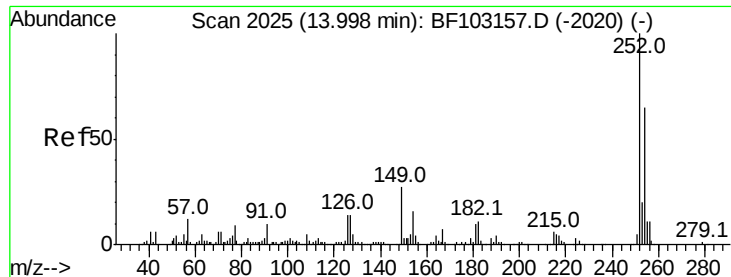
Tot Ion:149 Resp: 275913
Ion Ratio Lower Upper
149 100
91 75.1 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 28.472 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion:228 Resp: 385646
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.5 15.8 23.6

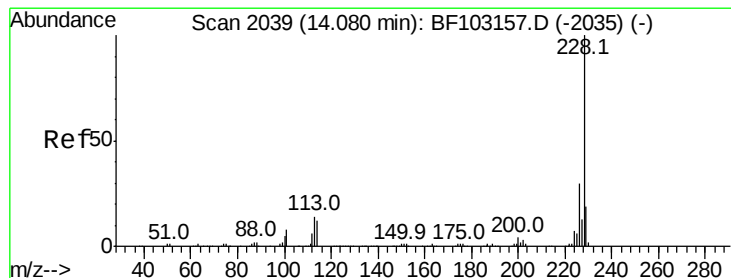
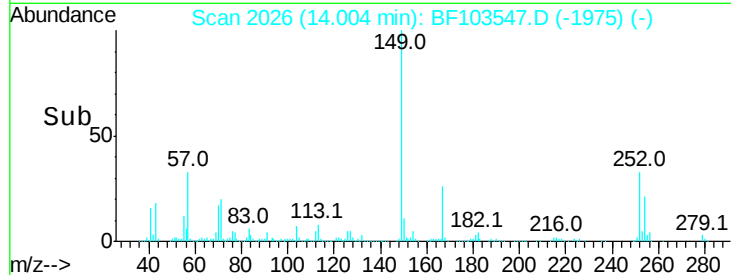
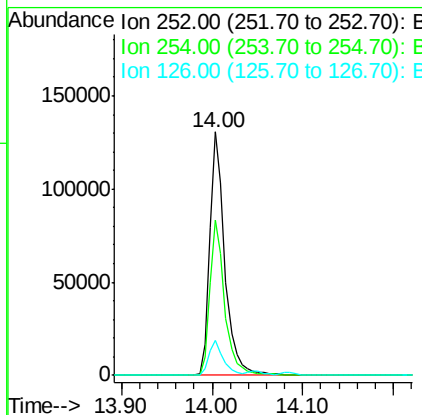
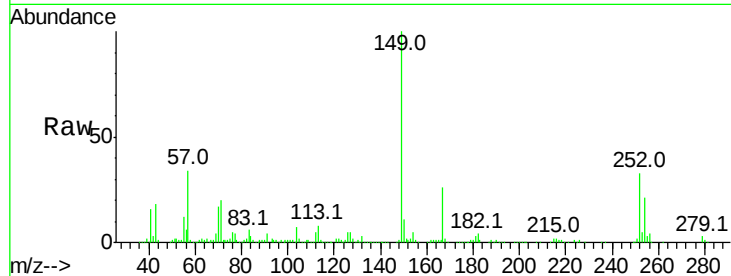




#81
 3,3'-Dichlorobenzidine
 Concen: 31.706 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

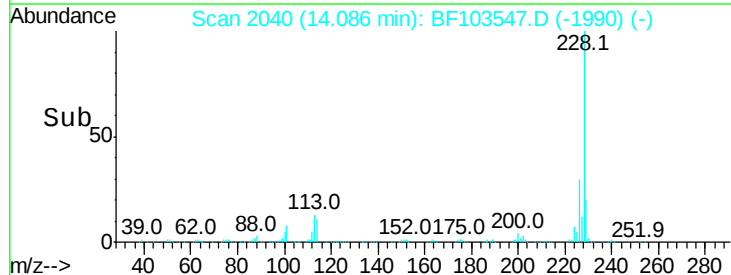
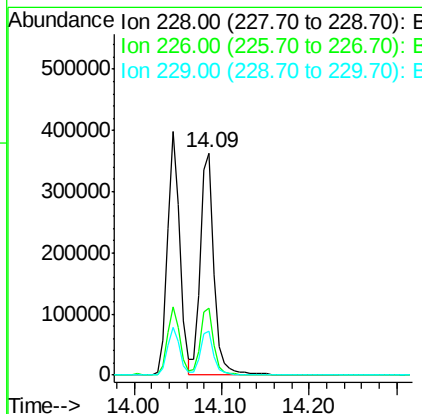
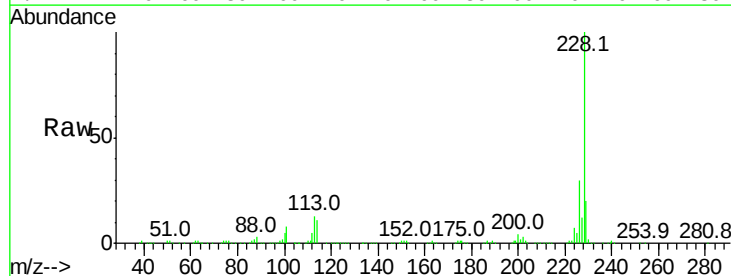
Instrument :
 BNA_F
 ClientSampleId :

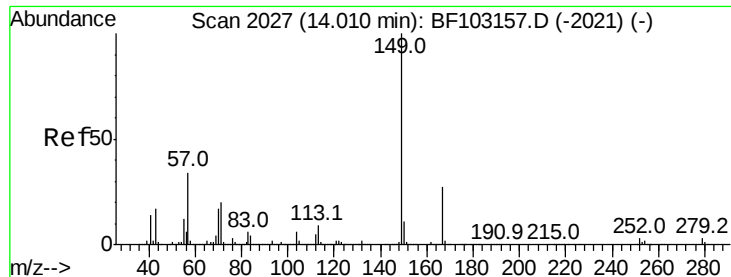
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	14.4	11.3	16.9



#82
 Chrysene
 Concen: 30.279 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.8	16.2	24.4

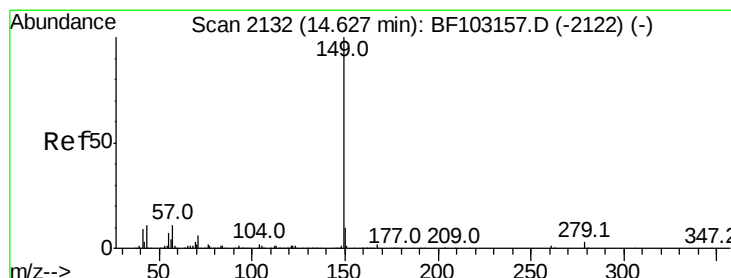
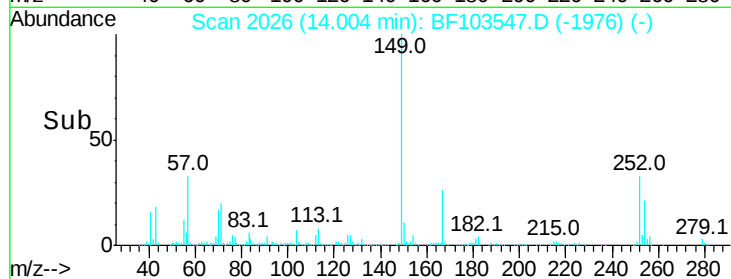
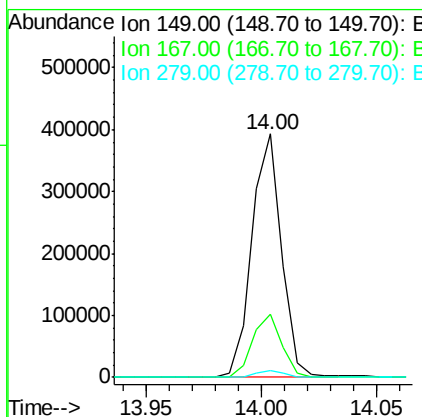
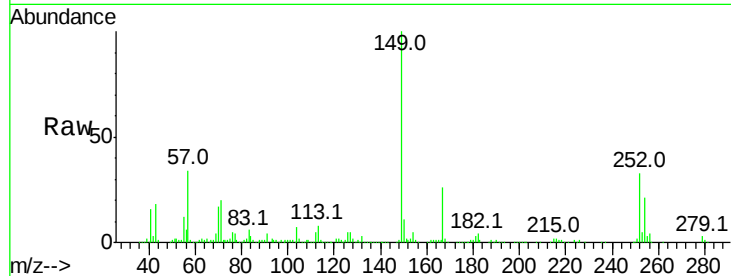




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.365 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

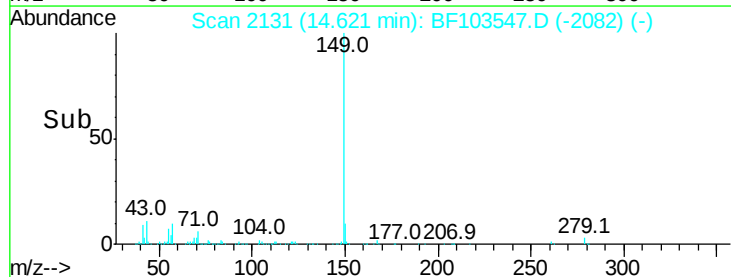
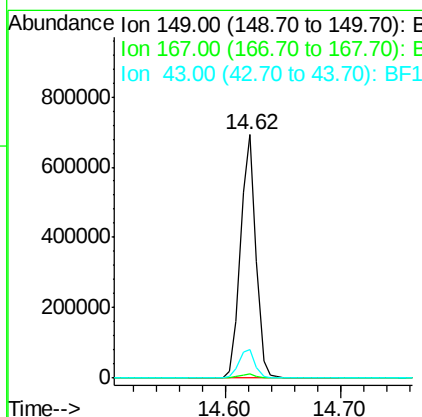
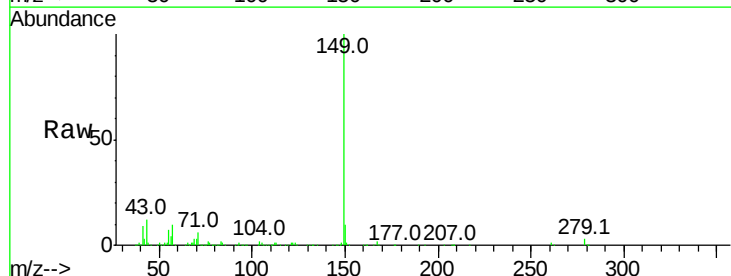
Instrument :
 BNA_F
 ClientSampleId :

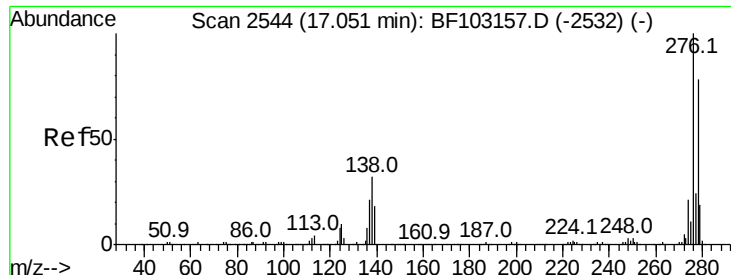
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	2.9	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 34.053 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.676 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.02 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

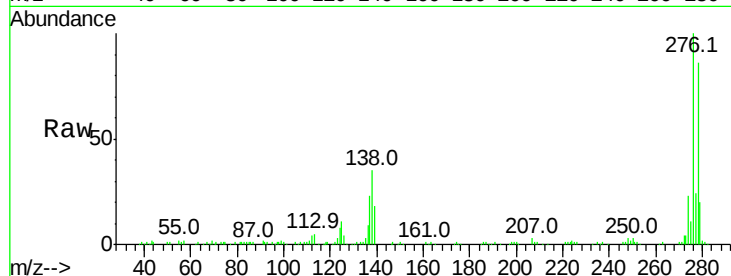
Tot Ion:276 Resp: 267328

Ion Ratio Lower Upper

276 100

138 35.2 25.0 37.6

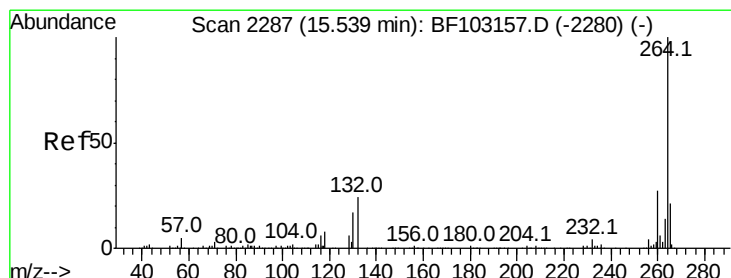
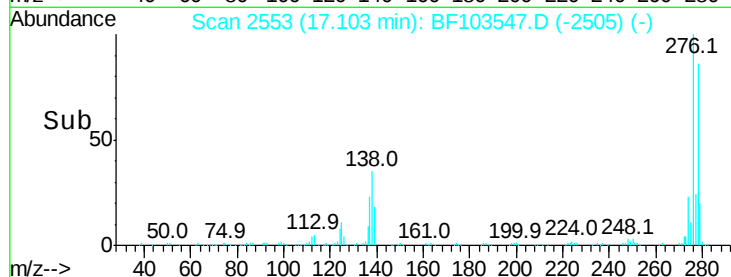
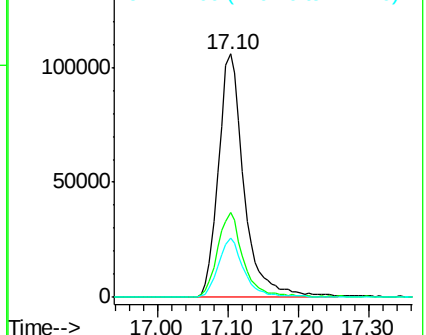
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

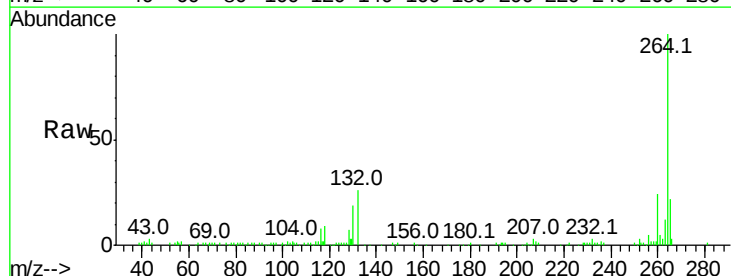
Tgt Ion:264 Resp: 159235

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

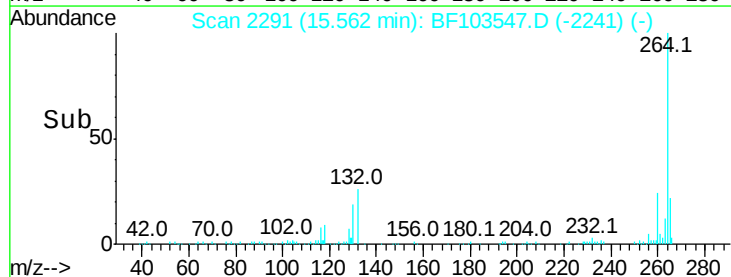
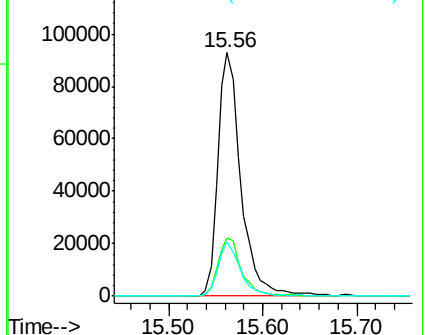
265 22.4 17.5 26.3

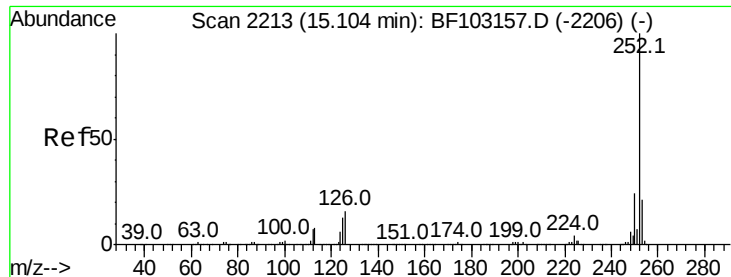


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

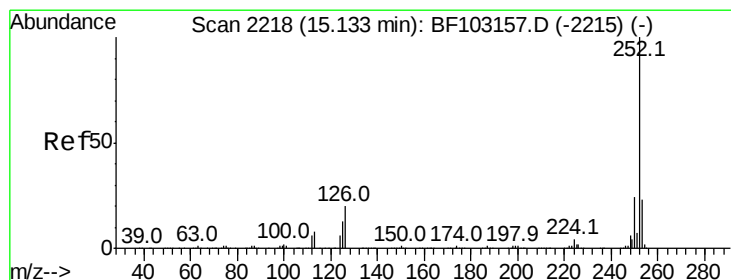
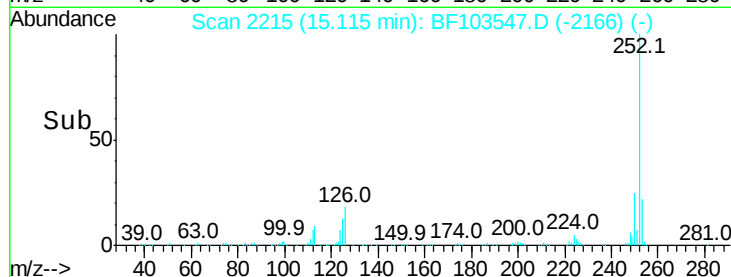
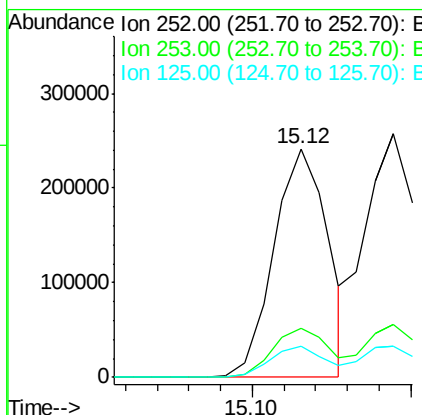
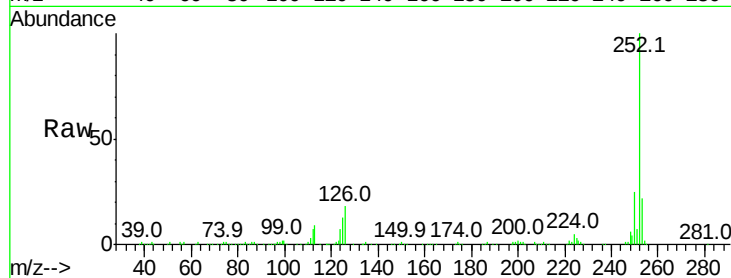




#87
Benzo(b)fluoranthene
Concen: 27.465 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

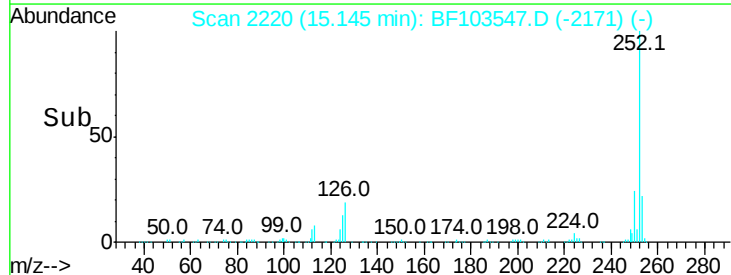
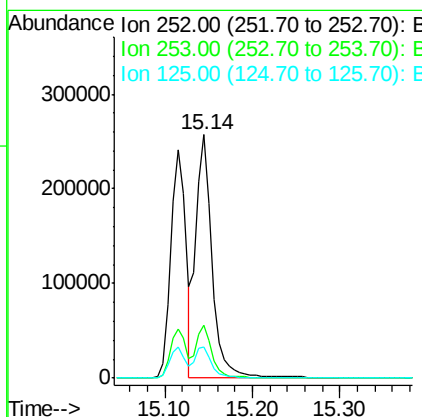
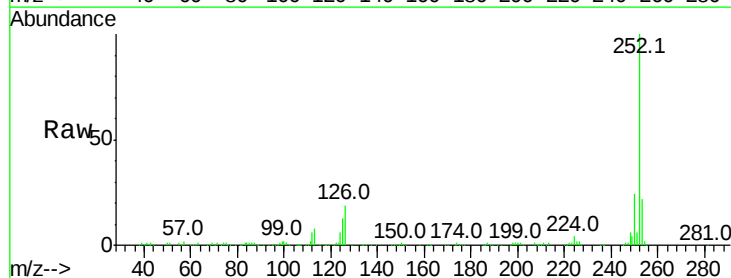
Instrument :
BNA_F
ClientSampleId :

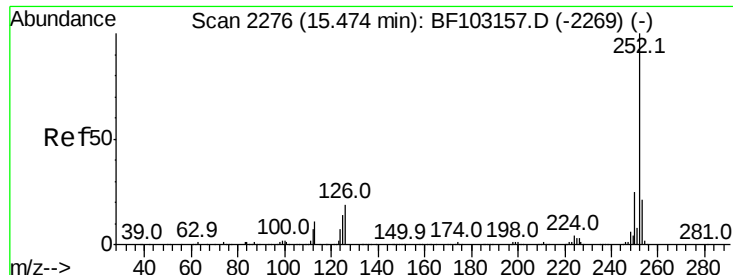
Tot Ion:252 Resp: 287549
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.940 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt Ion:252 Resp: 334604
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 30.944 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :

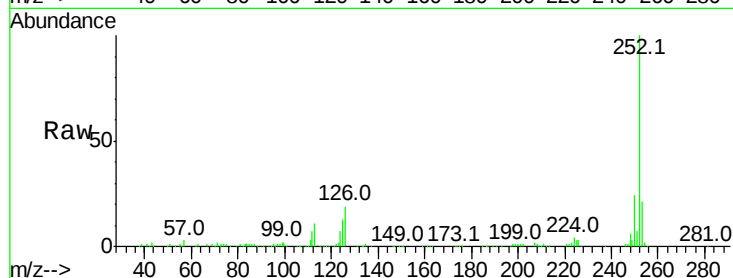
Tot Ion:252 Resp: 289310

Ion Ratio Lower Upper

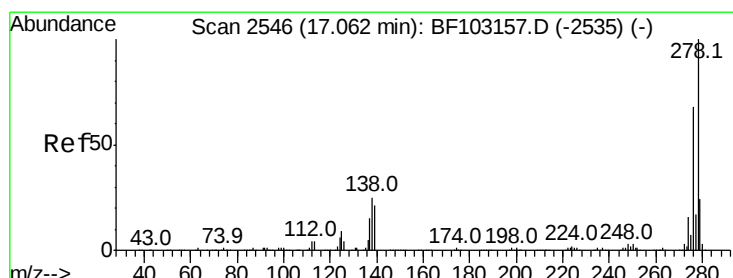
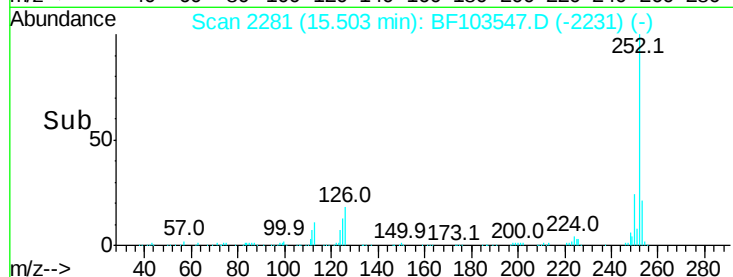
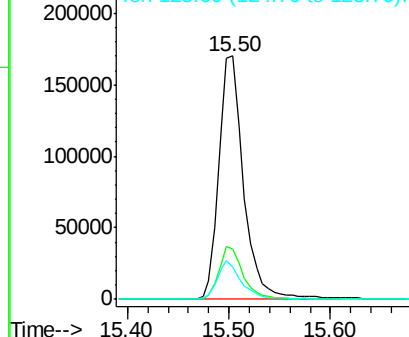
252 100

253 20.8 17.1 25.7

125 13.4 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: 31.584 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.02 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

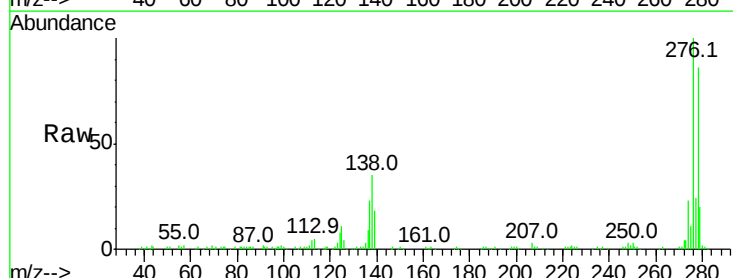
Tgt Ion:278 Resp: 228177

Ion Ratio Lower Upper

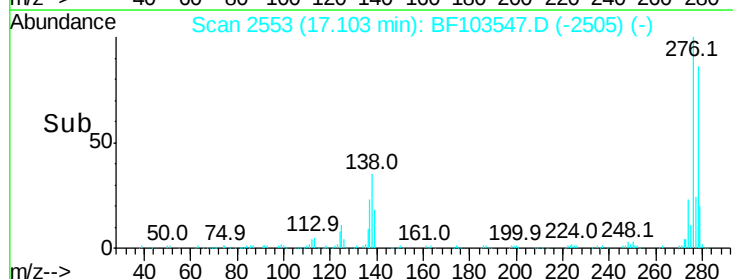
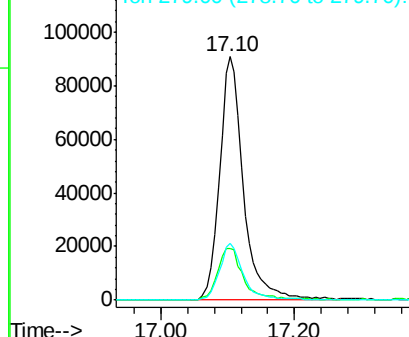
278 100

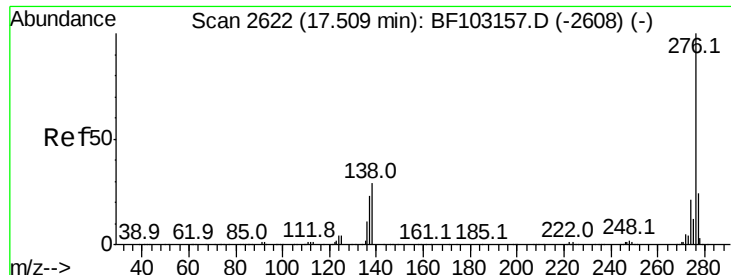
139 21.1 15.9 23.9

279 23.2 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: 31.188 ng

RT: 17.57 min Scan# 2633

Delta R.T. -0.01 min

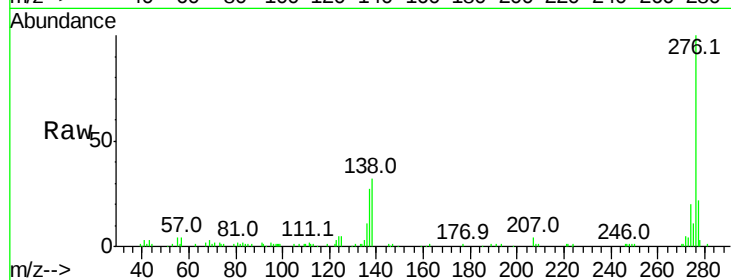
Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 220208

Ion Ratio Lower Upper

276 100

277 21.9 17.9 26.9

138 31.5 21.8 32.8

