

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 :
 PB107179BSD

Quant Time: Mar 09 10:28:53 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
42) 2,4,6-Trichlorophenol	9.15	196	112927	29.888	ng	97

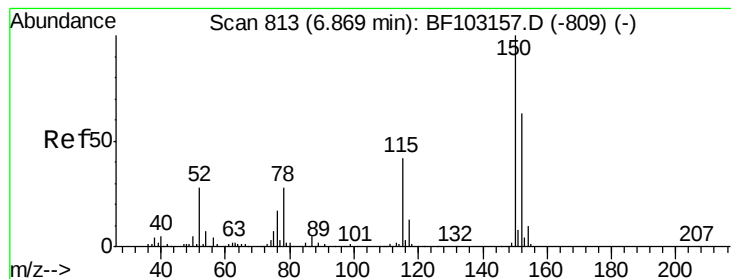
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103547.D
 Acq On : 9 Mar 2018 6:03
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

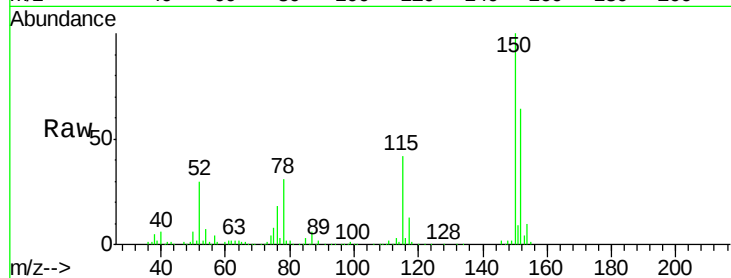


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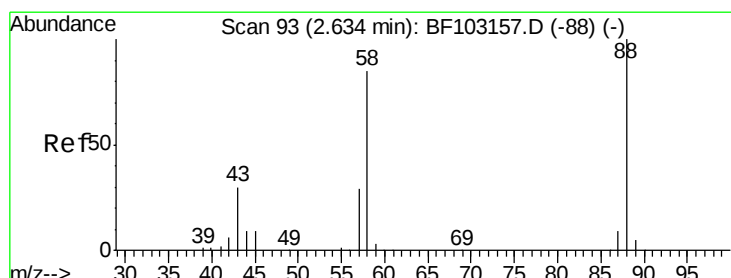
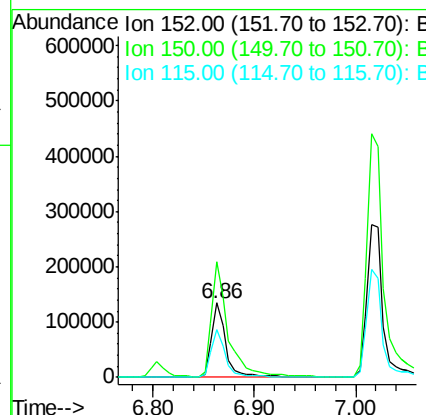
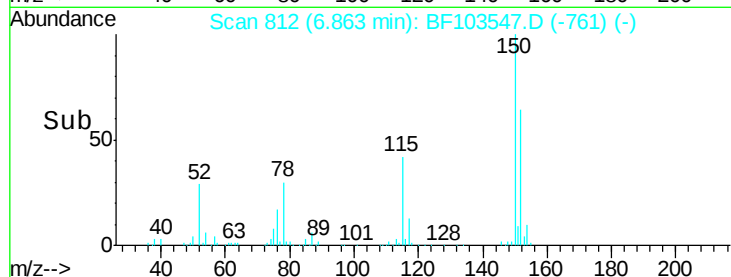
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB107179BSD

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



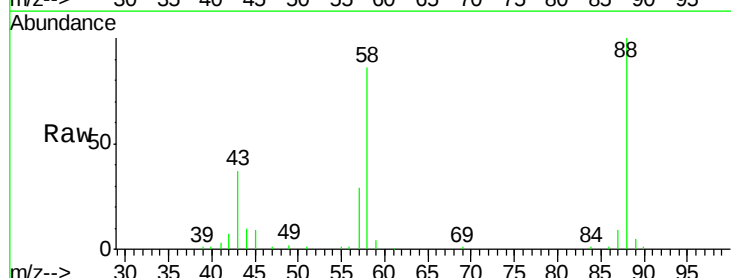
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



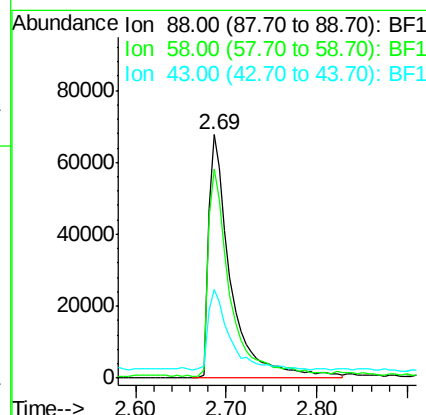
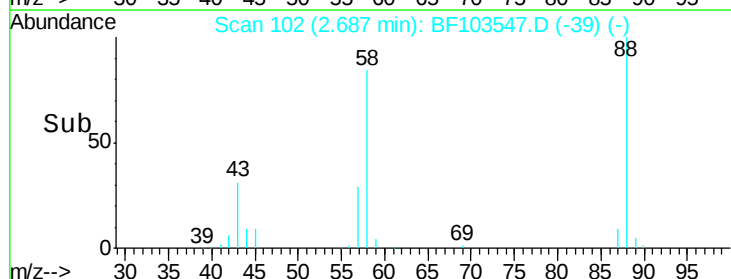
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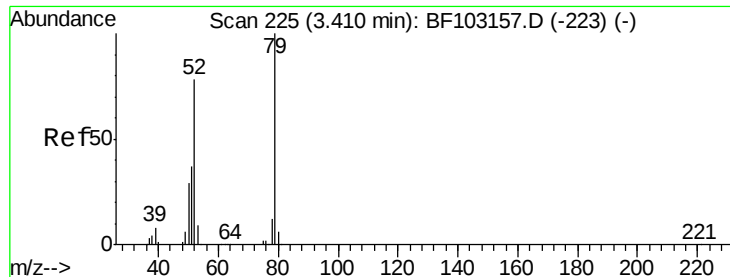
1,4-Dioxane
Concen: 24.958 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.07 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

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 :

PB107179BSD

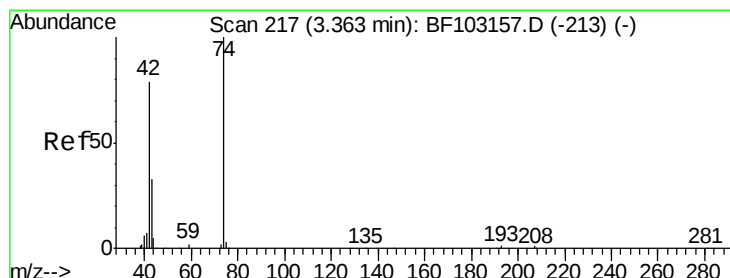
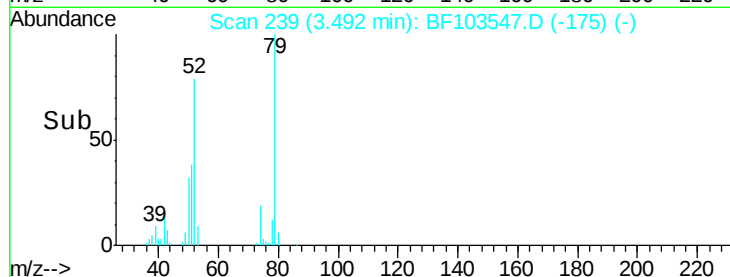
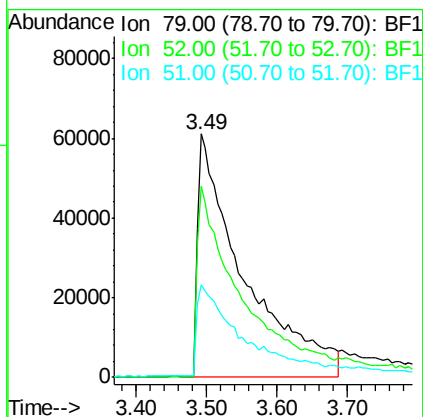
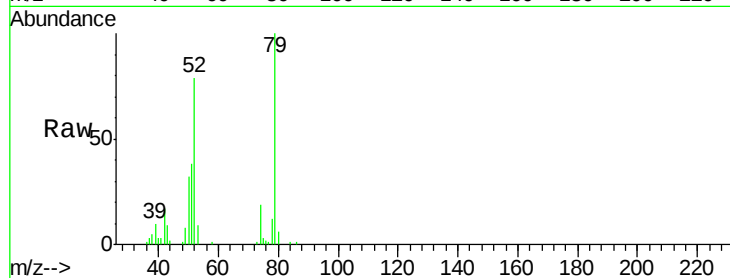
Tot Ion: 79 Resp: 278315

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

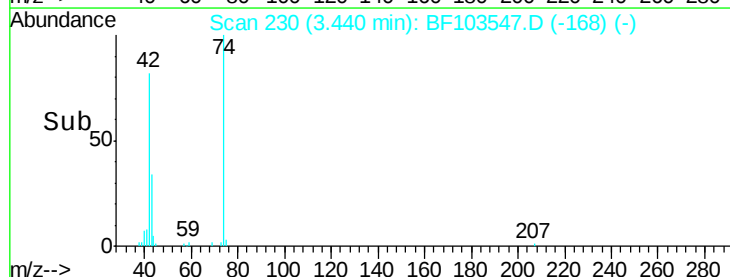
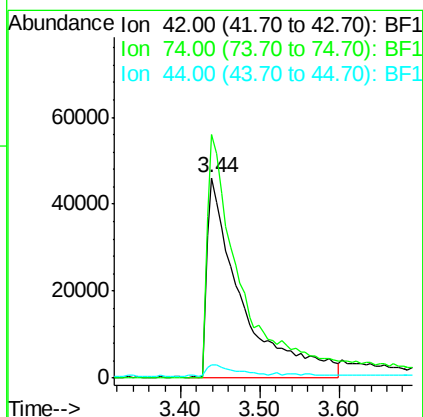
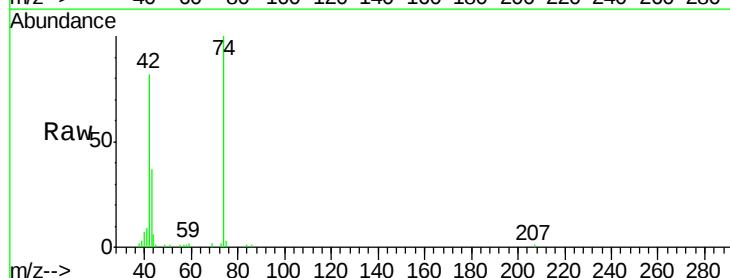
Tgt Ion: 42 Resp: 139304

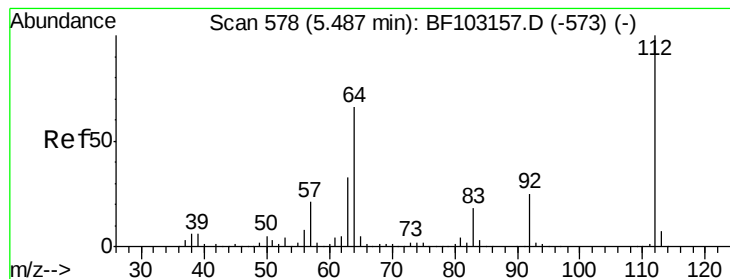
Ion Ratio Lower Upper

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 :

PB107179BSD

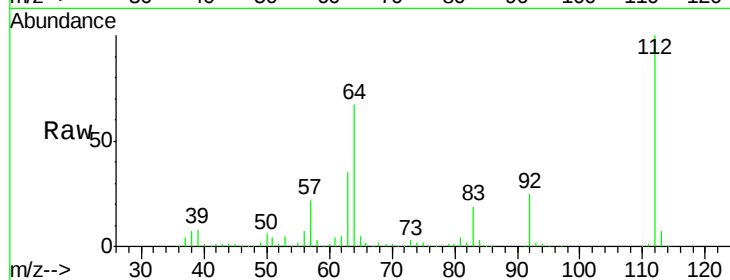
Tot Ion:112 Resp: 557085

Ion Ratio Lower Upper

112 100

64 67.5 47.9 71.9

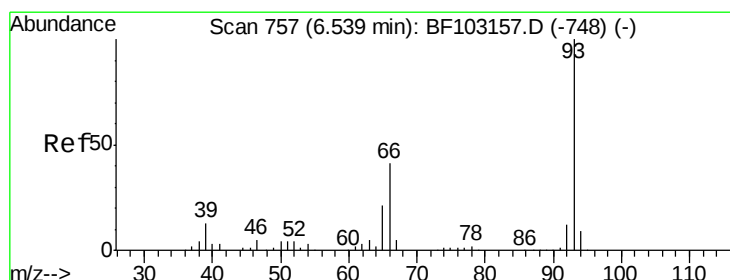
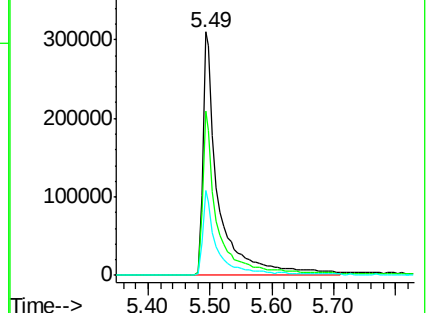
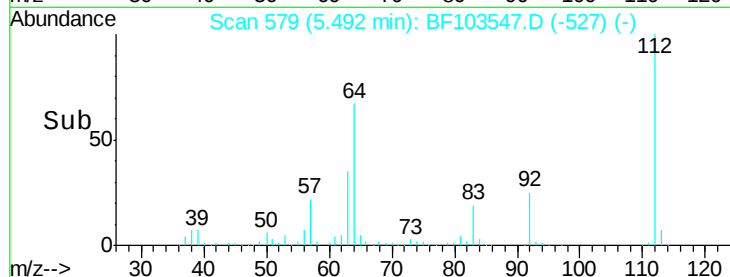
63 34.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

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

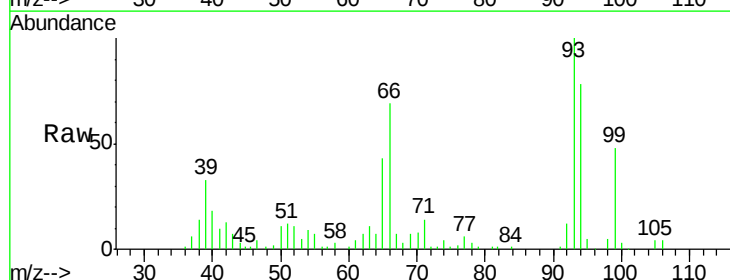
Tgt Ion: 93 Resp: 140554

Ion Ratio Lower Upper

93 100

66 69.2 32.2 48.2#

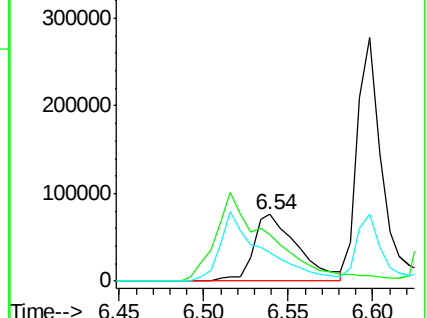
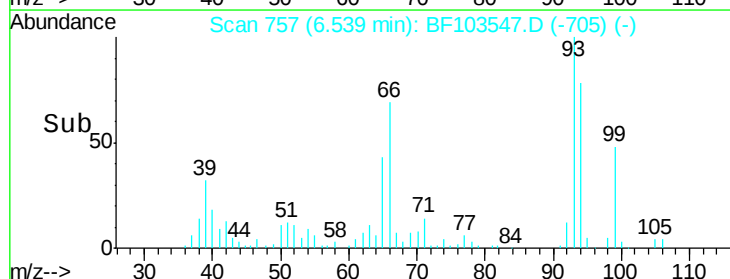
65 43.1 16.4 24.6#

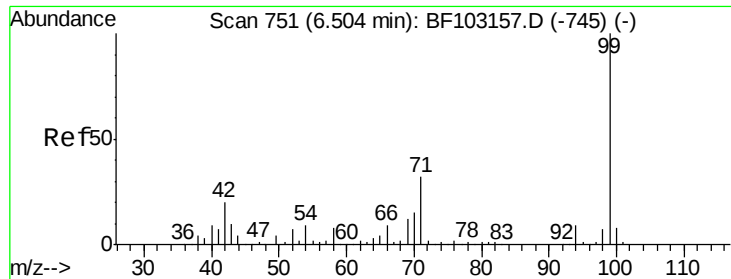


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

PB107179BSD

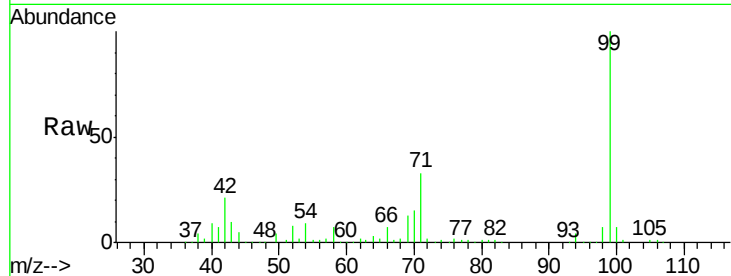
Tot Ion: 99 Resp: 663049

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

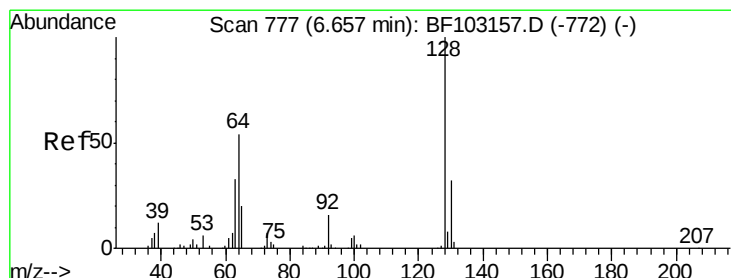
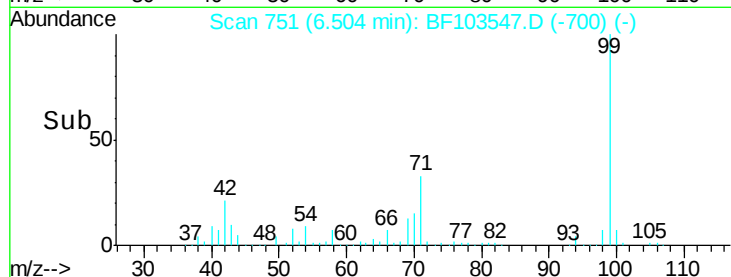
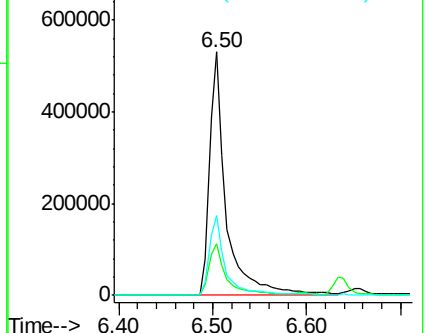
71 32.7 25.4 38.0



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

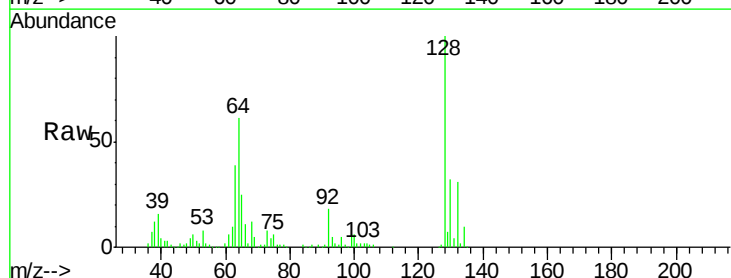
Tgt Ion: 128 Resp: 284827

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

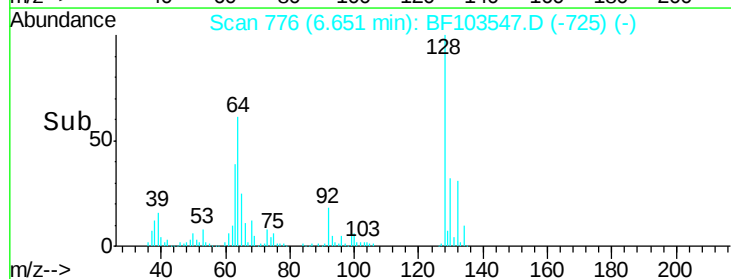
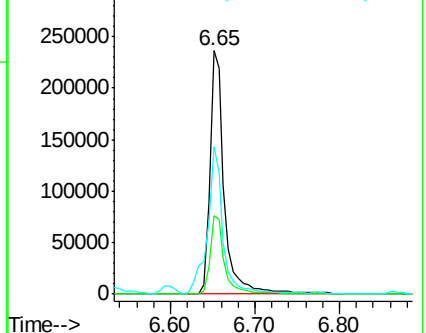
64 60.7 29.4 69.4

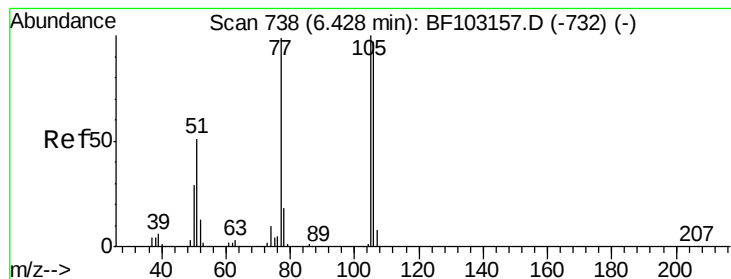


Abundance Ion 128.00 (127.70 to 128.70): E

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 :

PB107179BSD

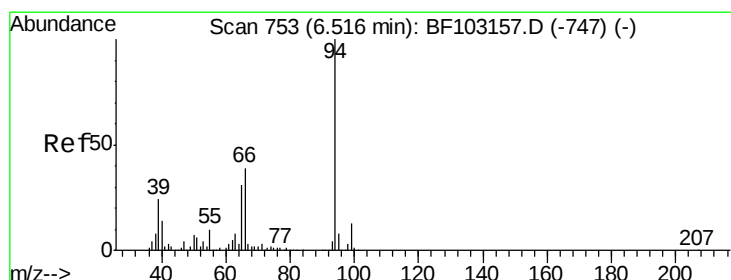
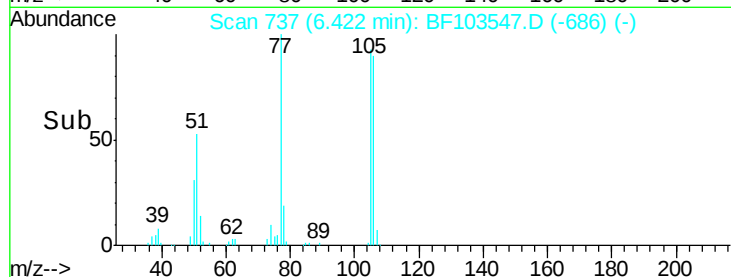
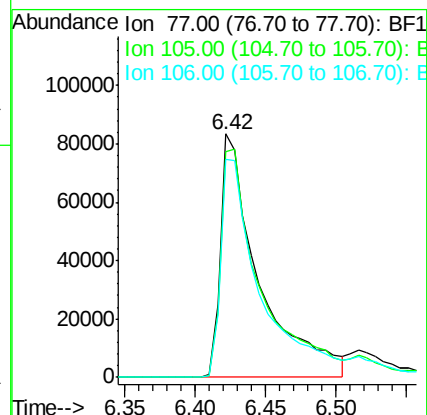
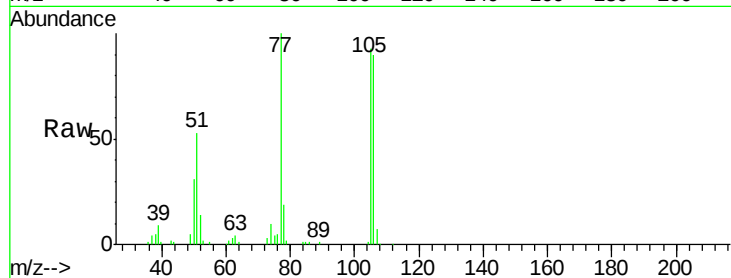
Tot Ion: 77 Resp: 158562

Ion Ratio Lower Upper

77 100

105 92.9 81.1 121.1

106 89.5 74.5 114.5



#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

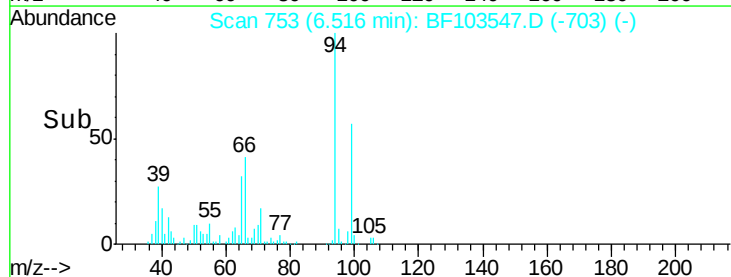
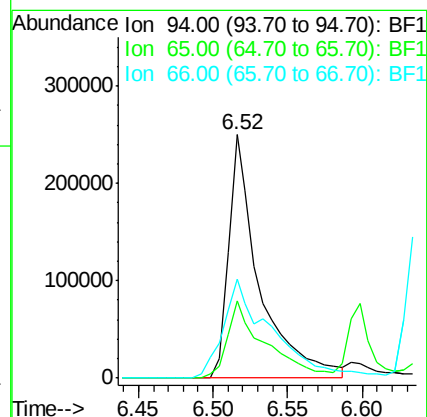
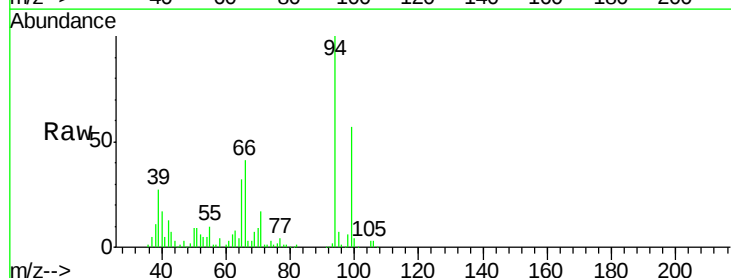
Tgt Ion: 94 Resp: 361691

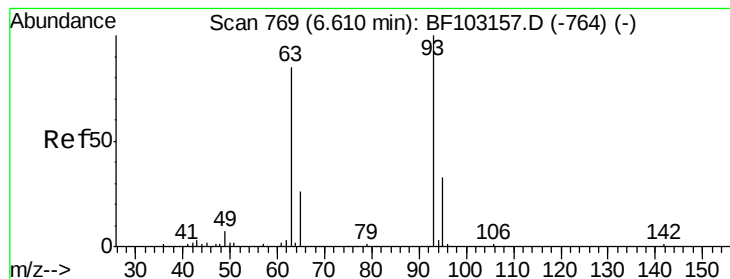
Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

66 40.6 16.2 56.2





#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 :

PB107179BSD

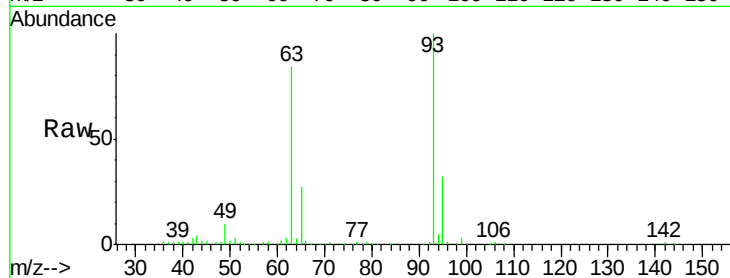
Tot Ion: 93 Resp: 262370

Ion Ratio Lower Upper

93 100

63 84.4 58.6 98.6

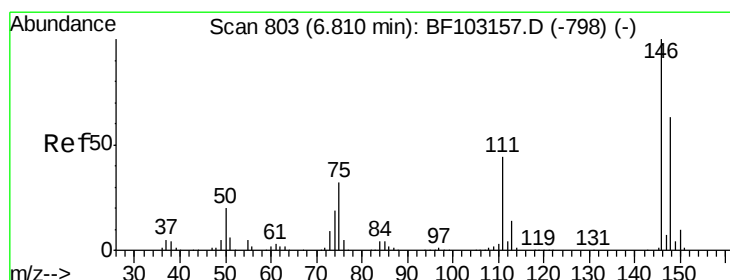
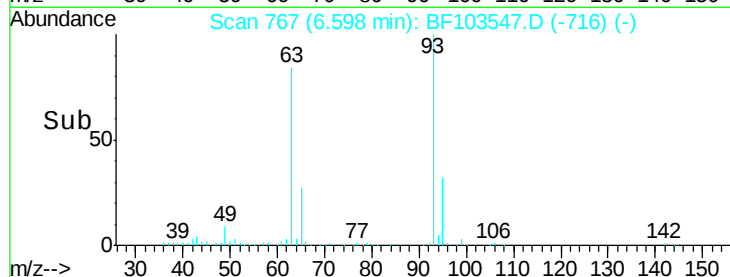
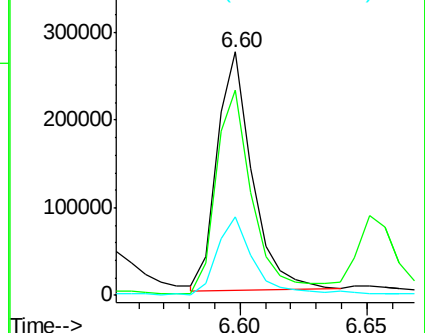
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 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

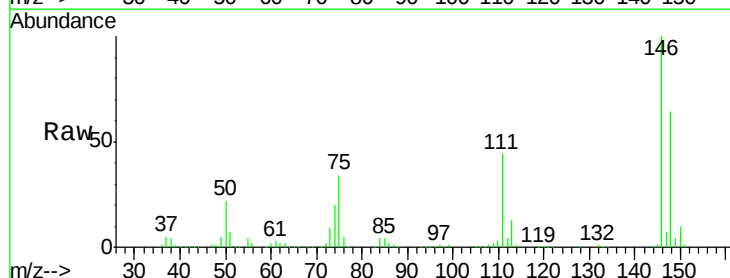
Tgt Ion: 146 Resp: 297185

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

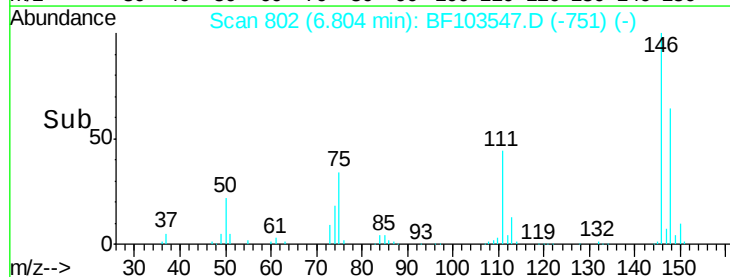
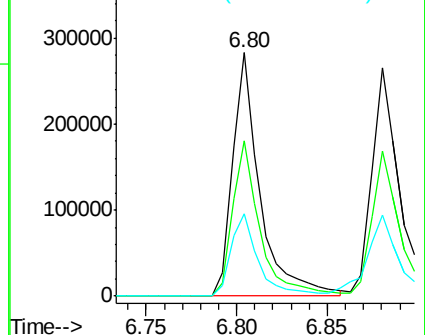
75 33.9 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

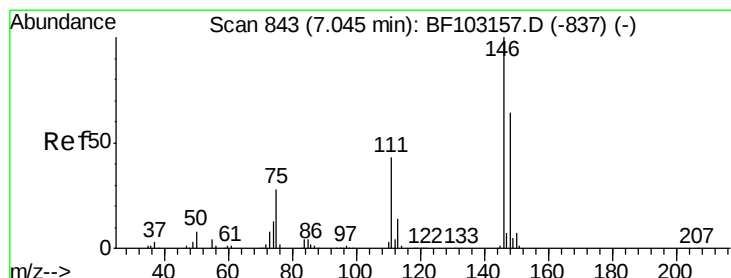
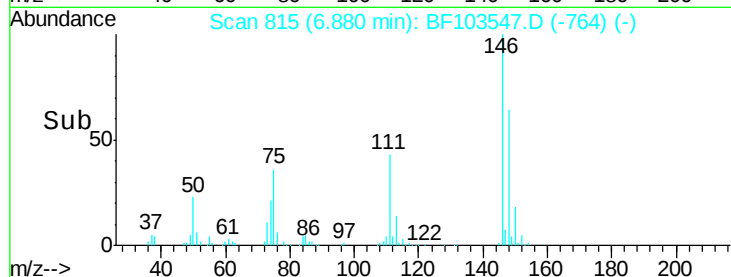
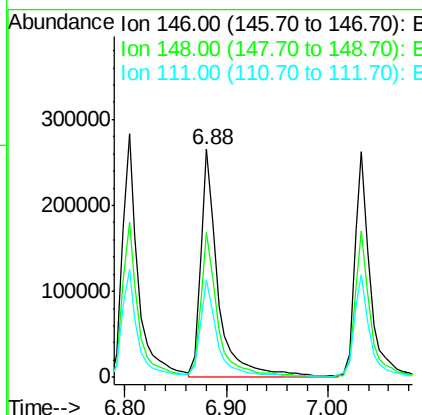
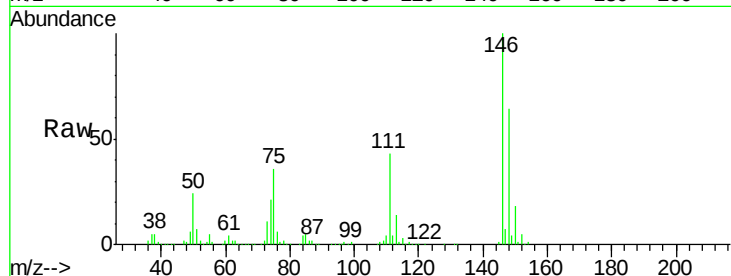




#13
 1,4-Dichlorobenzene
 Concen: 29.807 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

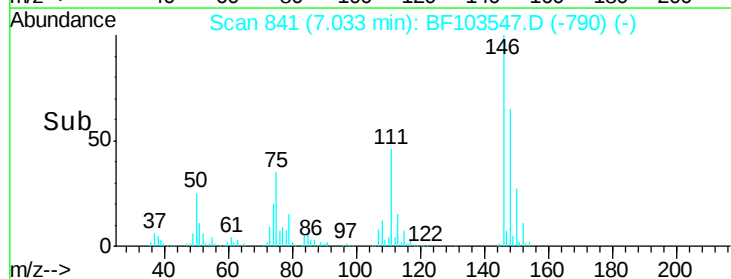
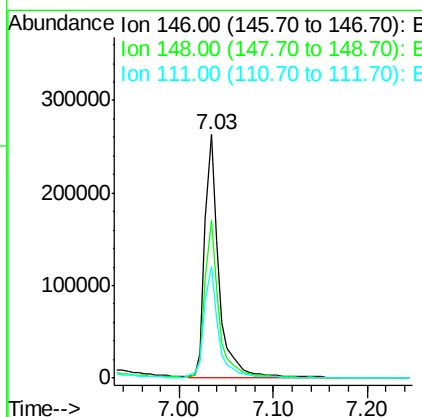
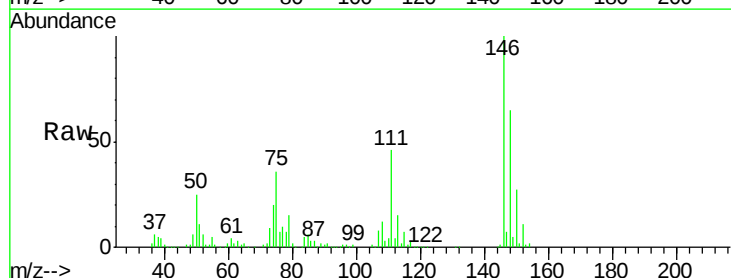
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

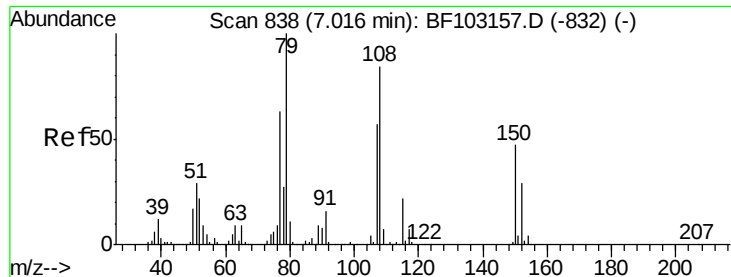
Tot Ion:146 Resp: 315032
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.9 34.2 51.2



#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





#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 :

PB107179BSD

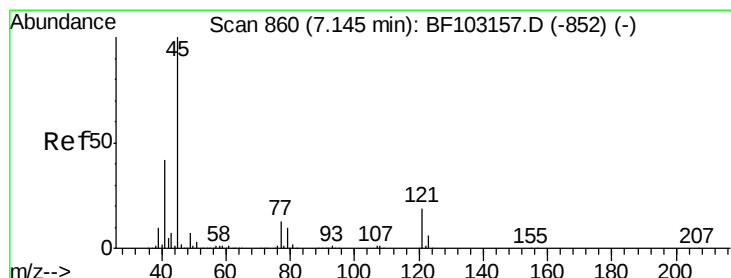
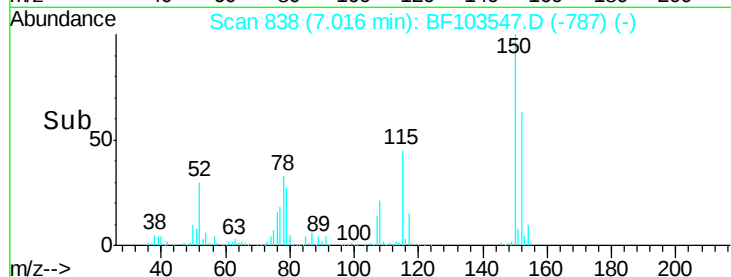
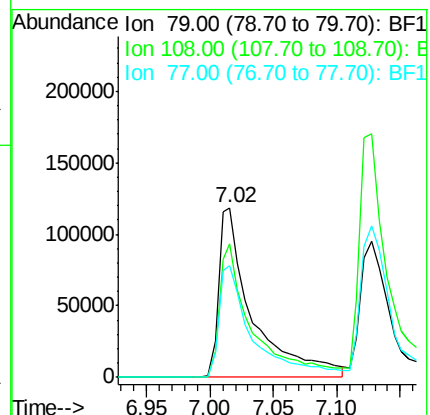
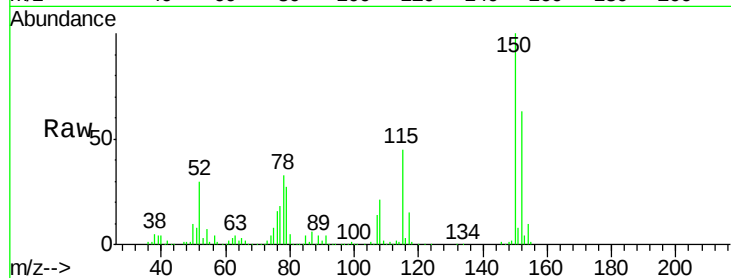
Tot Ion: 79 Resp: 220777

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

77 66.1 50.6 75.8



#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

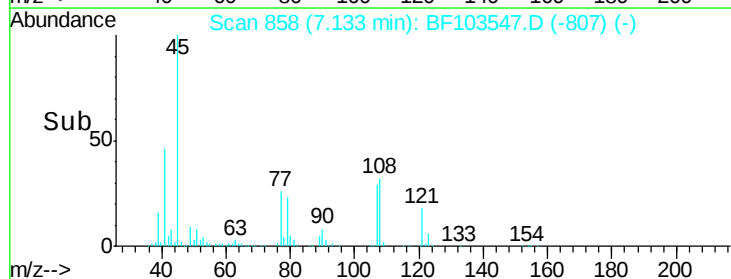
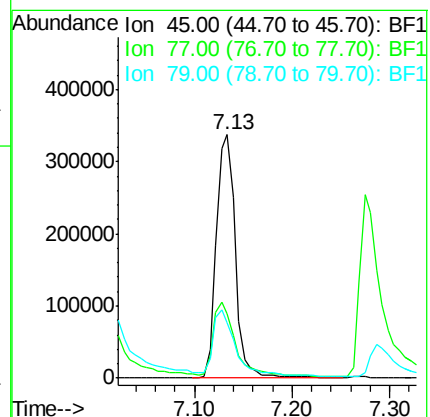
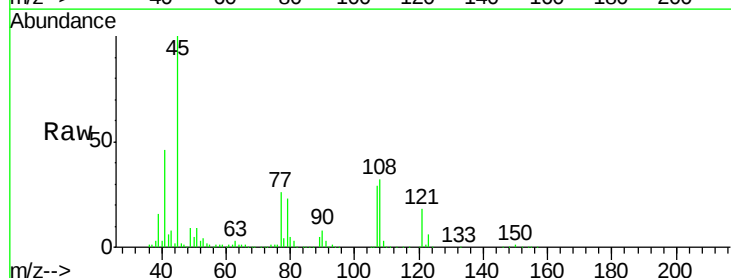
Tgt Ion: 45 Resp: 456918

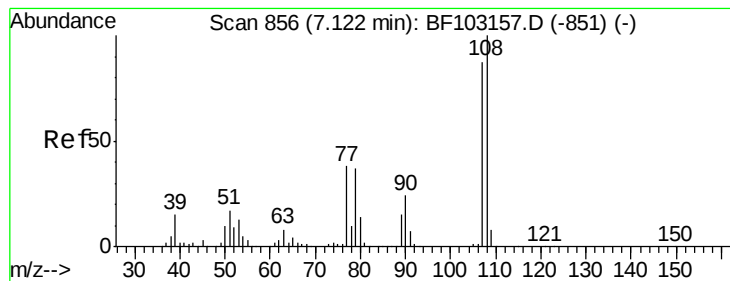
Ion Ratio Lower Upper

45 100

77 26.2 0.0 32.9

79 22.6 0.0 29.6

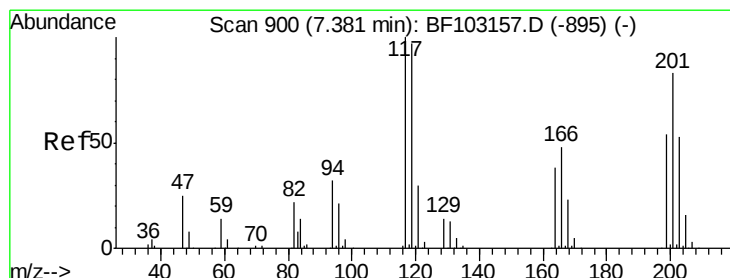
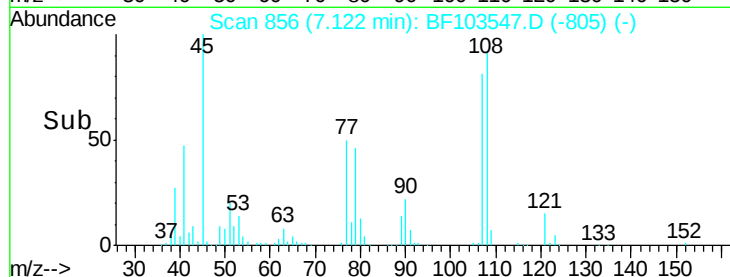
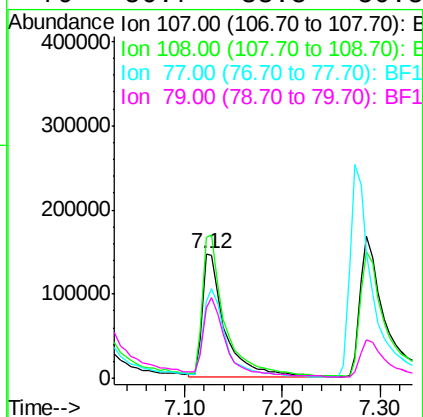
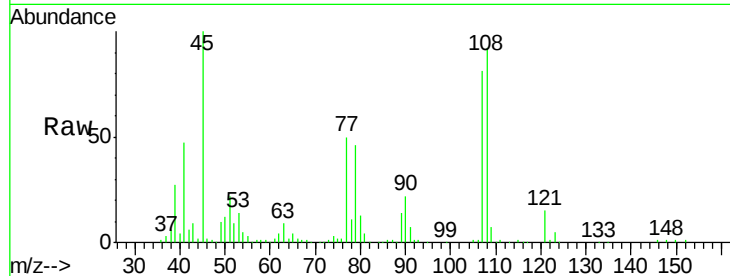




#17
2-Methylphenol
Concen: 28.054 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

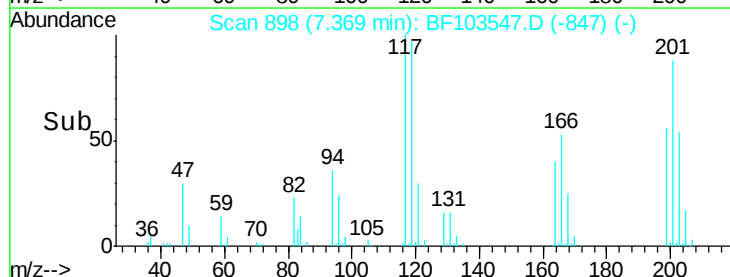
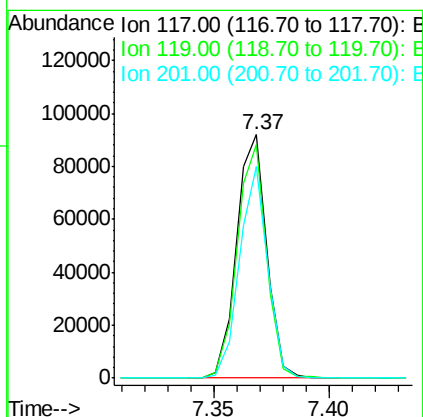
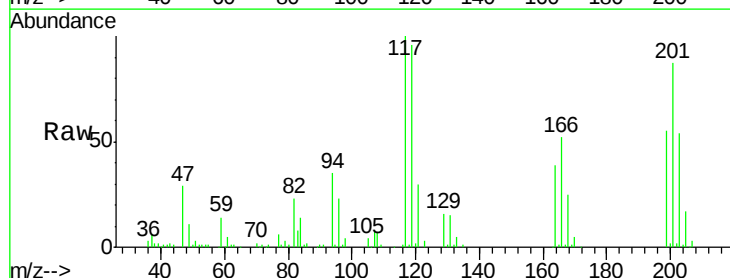
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

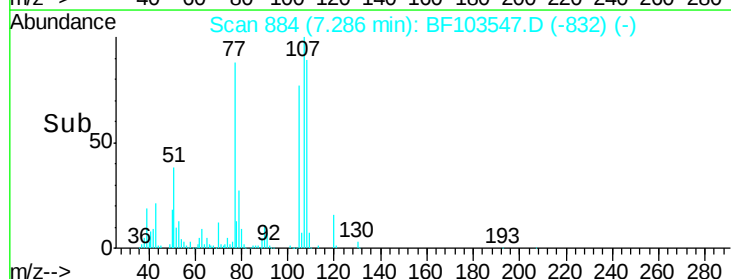
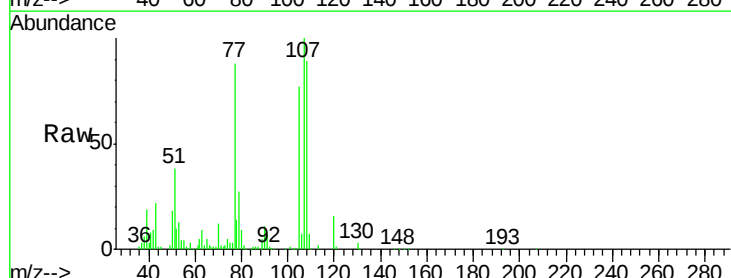
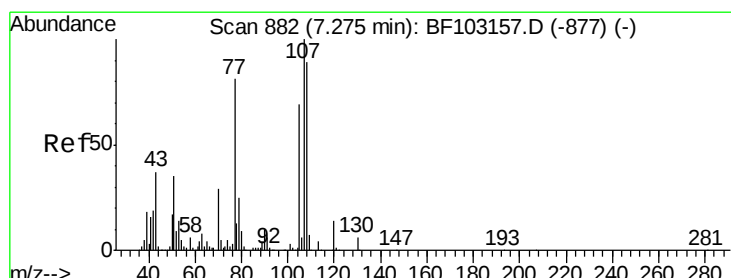
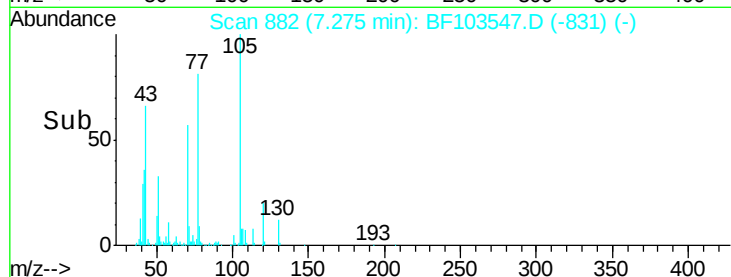
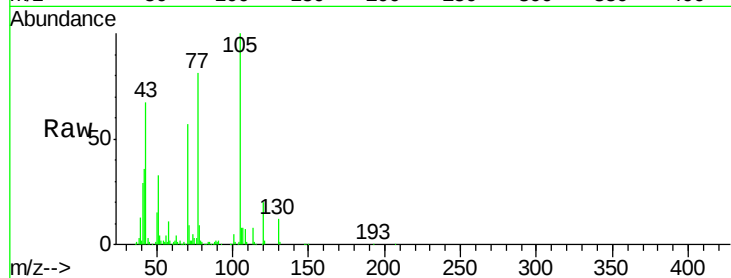
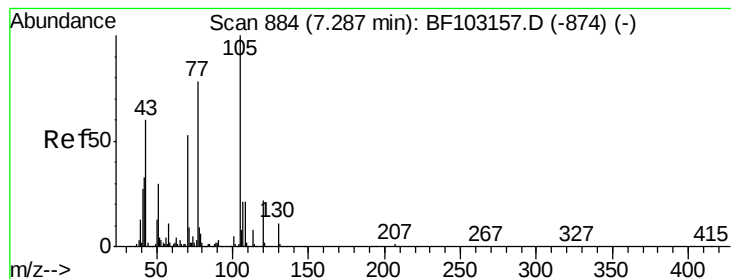
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	62.0	33.8	50.8#
79	56.7	33.8	50.8#



#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

ClientSampleId :

PB107179BSD

Tot Ion: 70 Resp: 219646

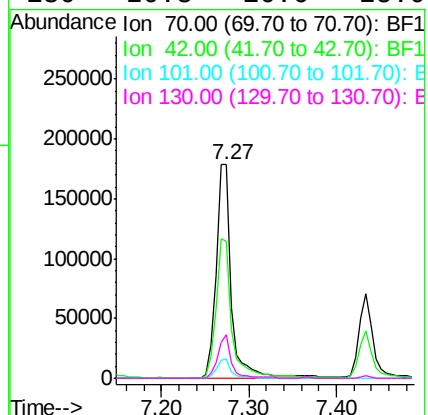
Ion Ratio Lower Upper

70 100

42 64.0 47.5 71.3

101 9.2 7.4 11.2

130 20.3 16.6 25.0



#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

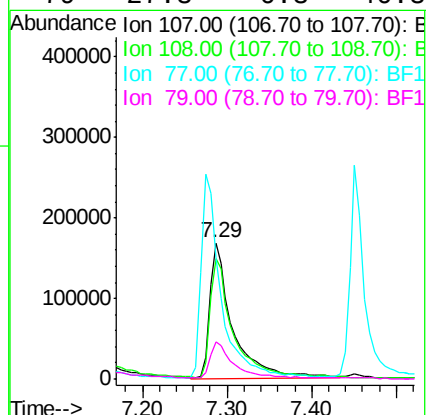
Ion Ratio Lower Upper

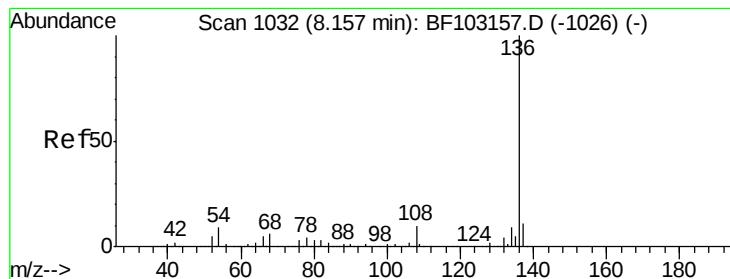
107 100

108 88.6 68.2 108.2

77 88.3 26.7 66.7#

79 27.3 6.3 46.3





#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 :

PB107179BSD

Tot Ion:136 Resp: 532151

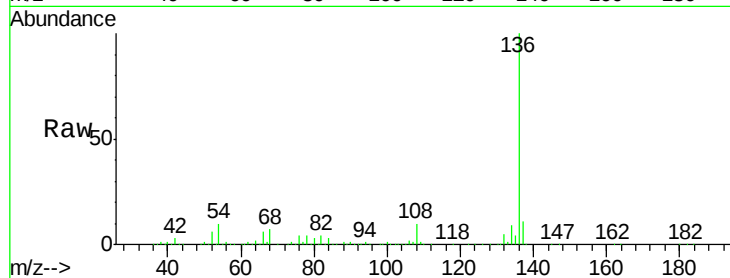
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.0 6.6 9.8#

68 6.6 5.0 7.4

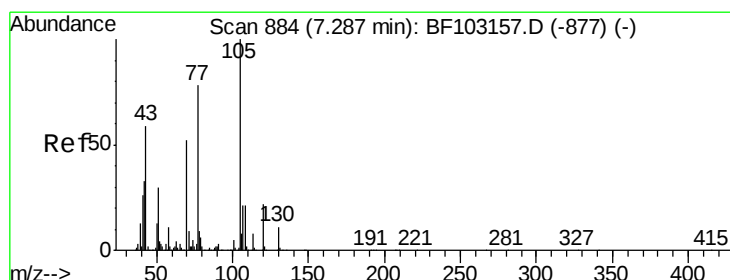
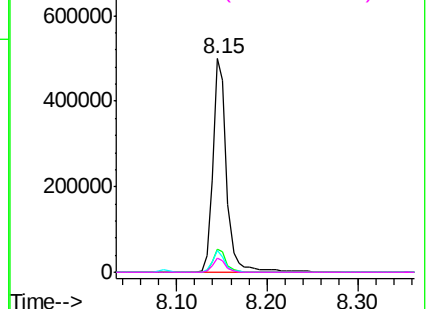
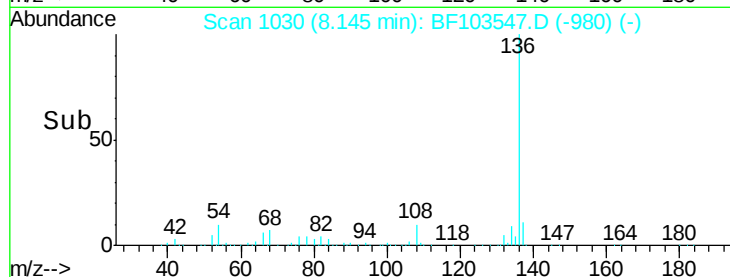


Abundance Ion 136.00 (135.70 to 136.70): E

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

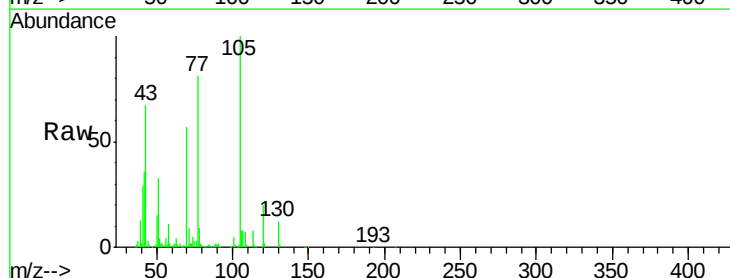
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 33.3 22.3 33.5

120 20.4 16.9 25.3

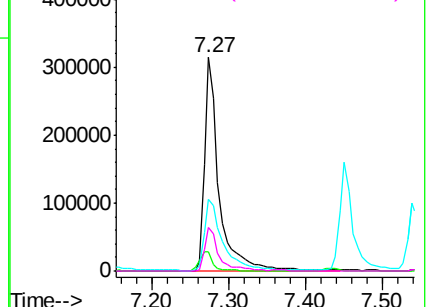
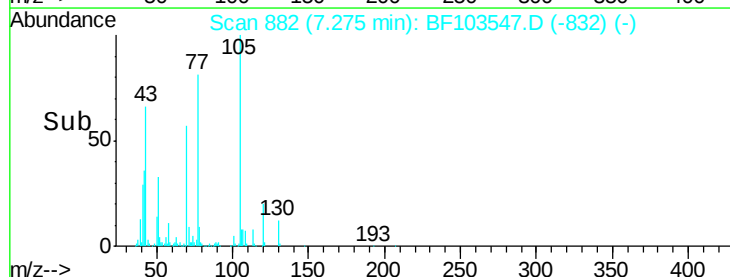


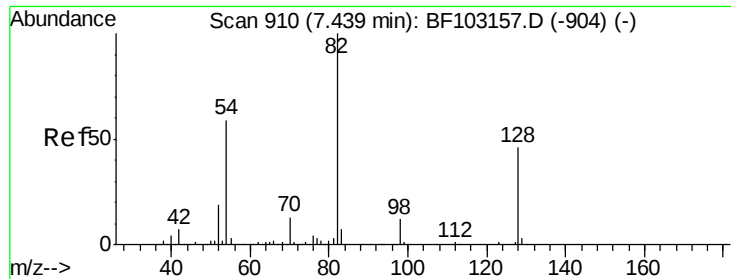
Abundance Ion 105.00 (104.70 to 105.70): E

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

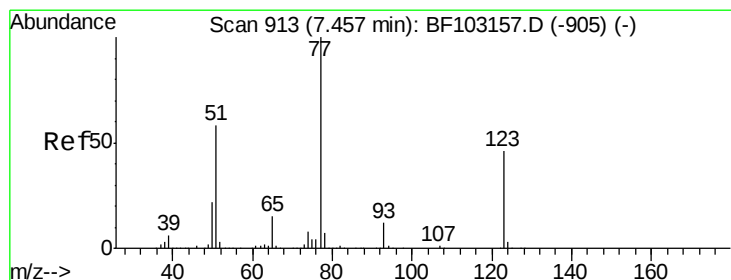
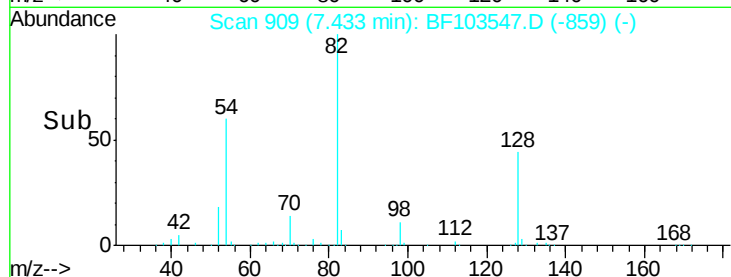
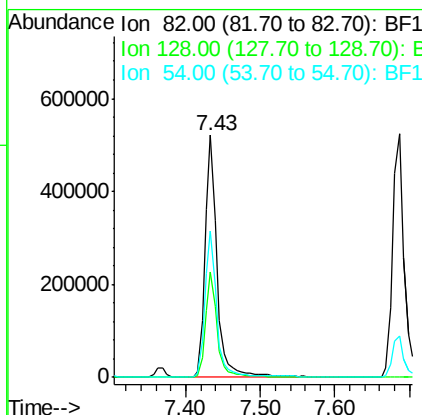
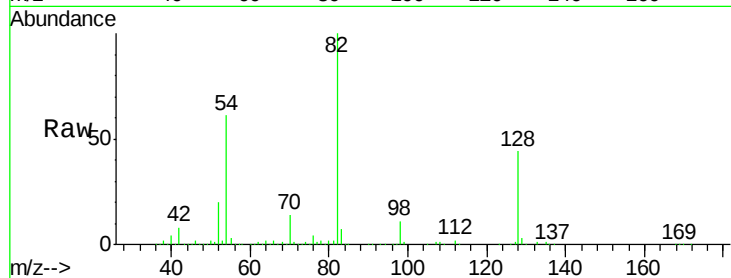




#23
Nitrobenzene-d5
Concen: 63.790 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

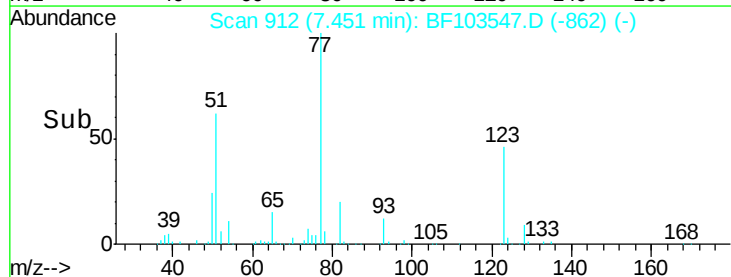
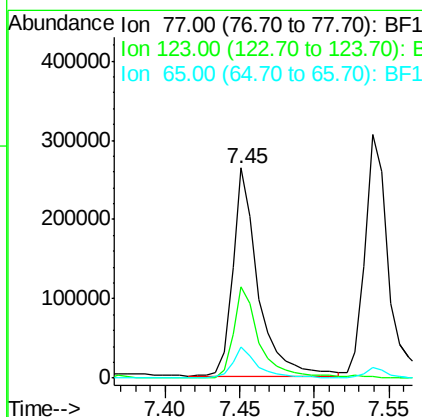
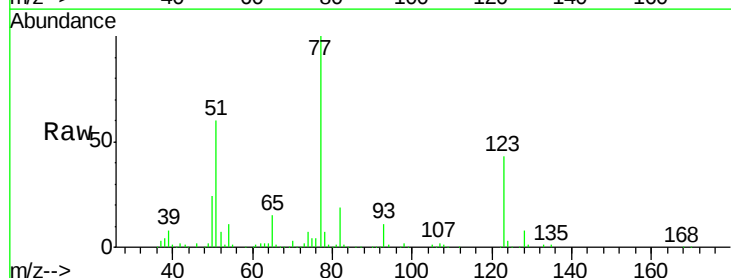
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

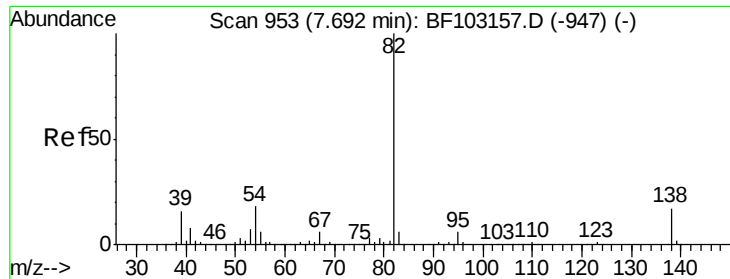
Tot Ion: 82 Resp: 594407
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 60.6 41.4 62.2



#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 :

PB107179BSD

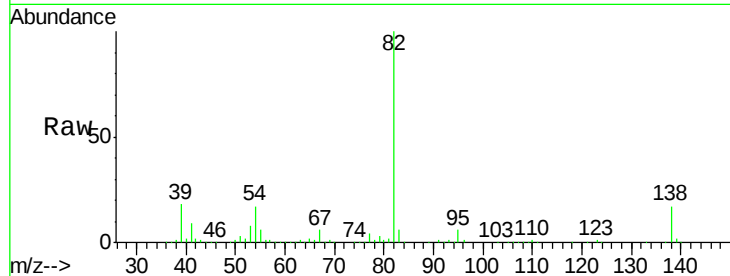
Tot Ion: 82 Resp: 586432

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

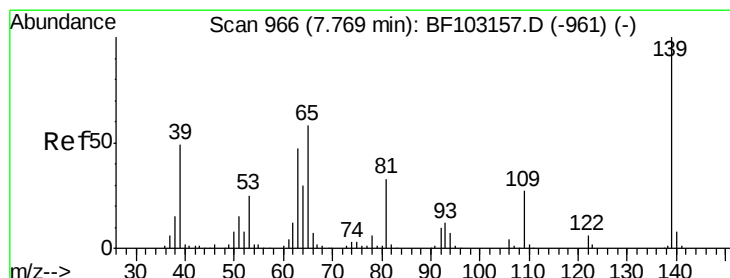
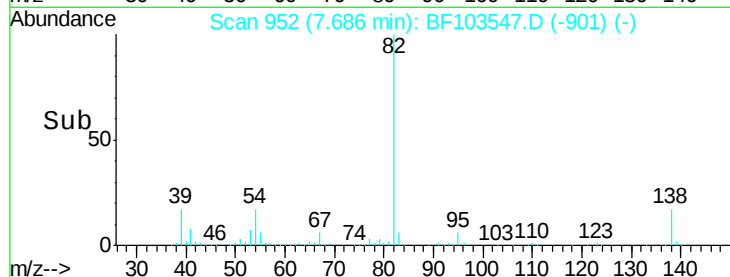
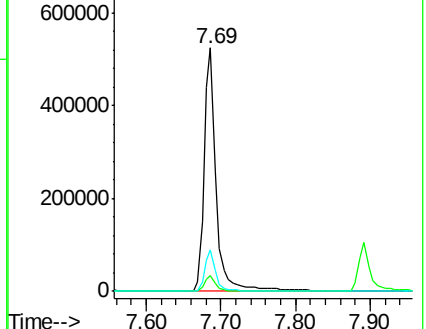
138 16.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 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

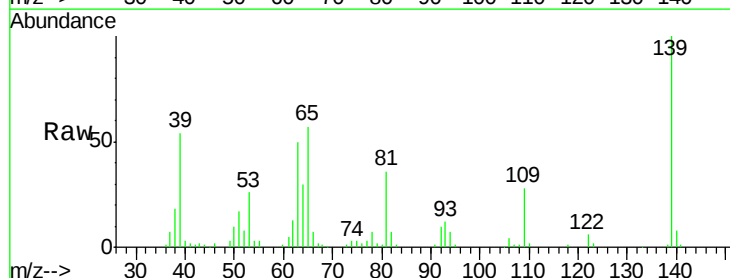
Tgt Ion: 139 Resp: 118184

Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

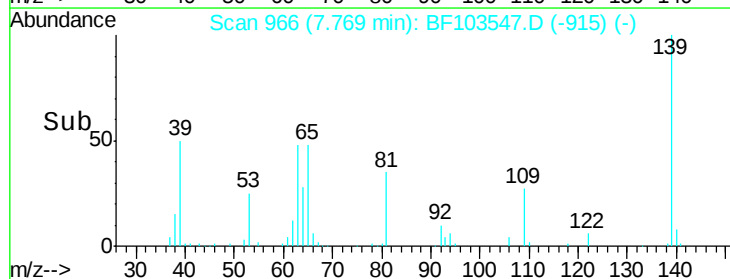
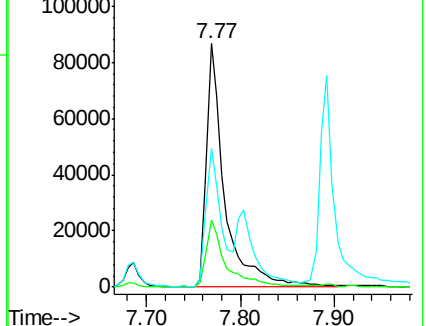
65 57.2 40.5 60.7

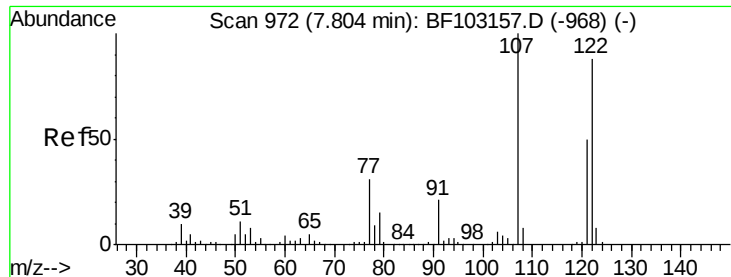


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

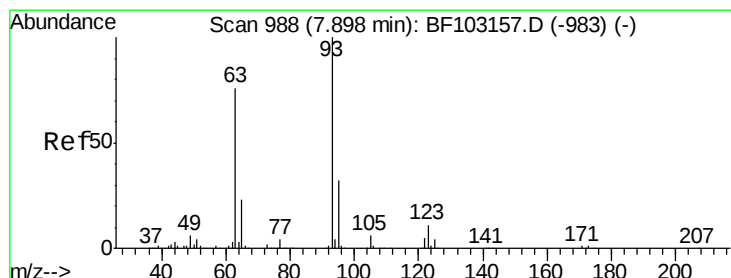
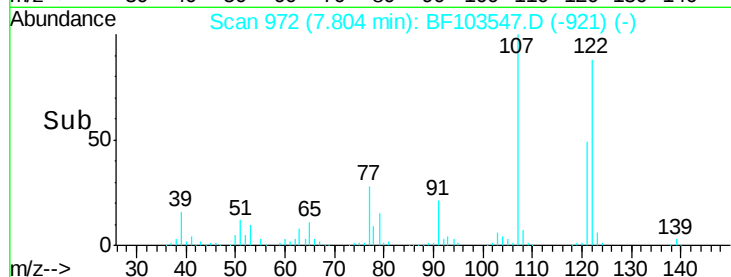
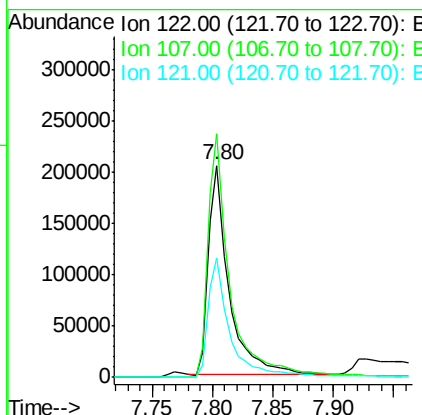
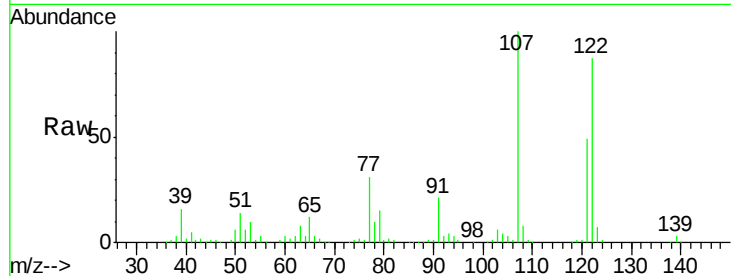




#27
 2,4-Dimethylphenol
 Concen: 32.623 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

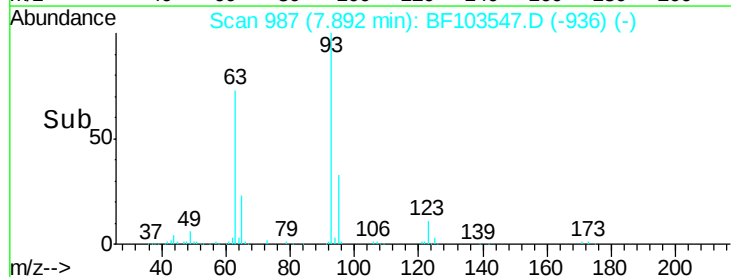
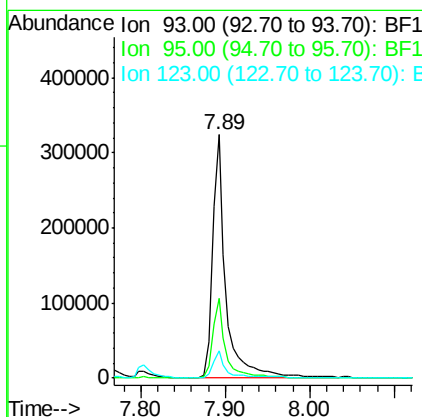
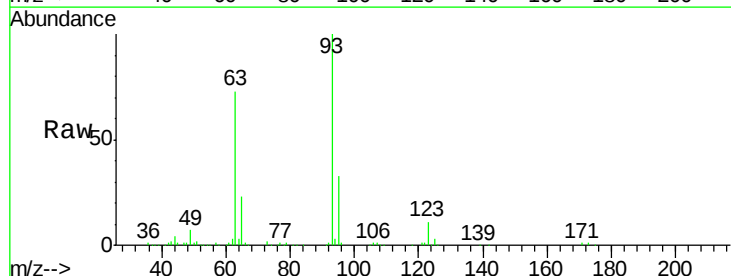
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

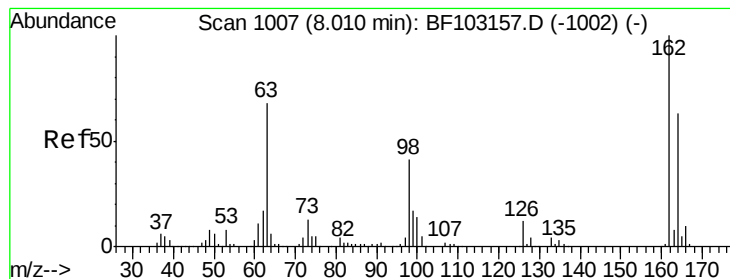
Tot Ion:122 Resp: 240839
 Ion Ratio Lower Upper
 122 100
 107 114.9 91.2 136.8
 121 56.4 47.2 70.8



#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 :

PB107179BSD

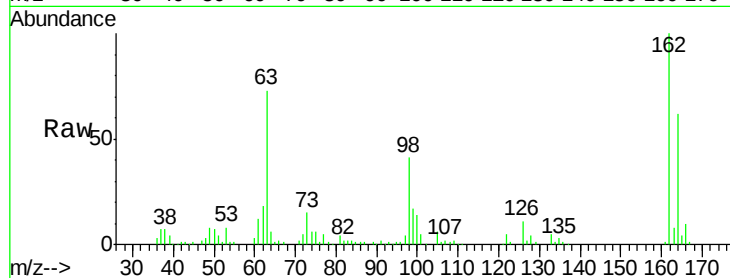
Tot Ion:162 Resp: 217700

Ion Ratio Lower Upper

162 100

164 62.2 42.7 82.7

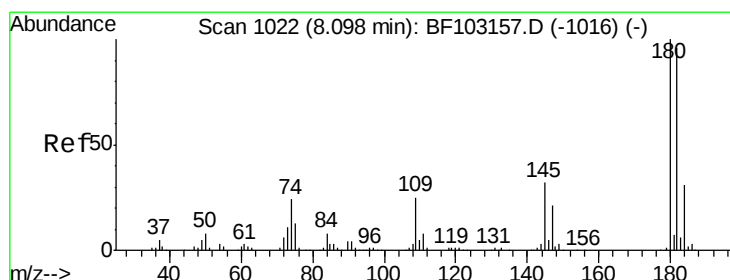
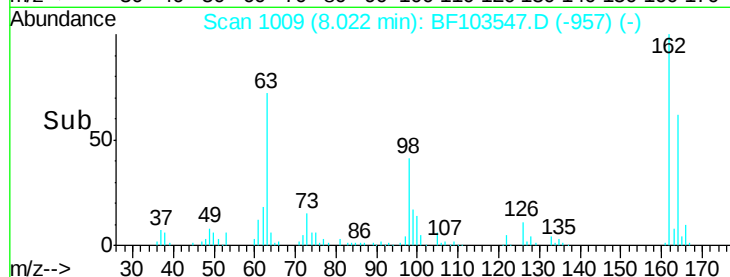
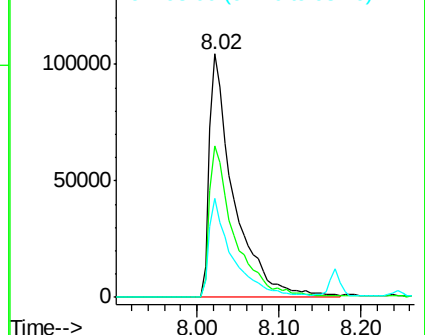
98 40.7 18.1 58.1



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

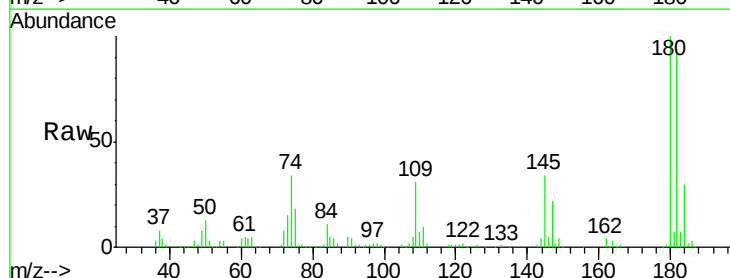
Tgt Ion:180 Resp: 210095

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

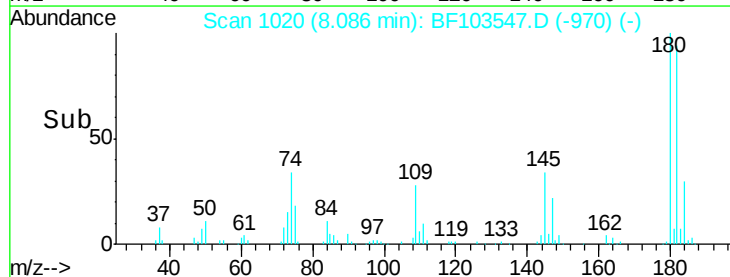
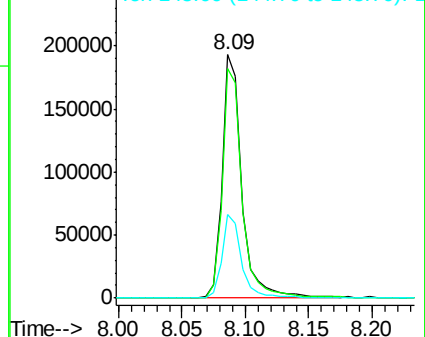
145 34.4 26.5 39.7

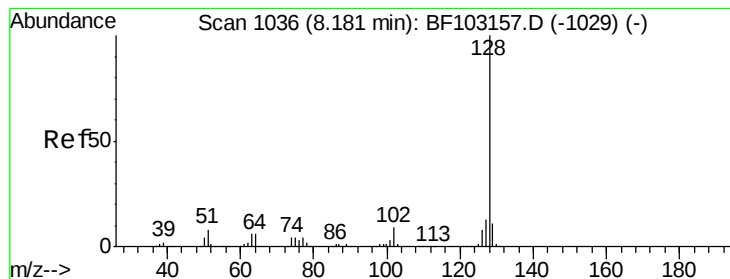


Abundance Ion 180.00 (179.70 to 180.70): E

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 :

PB107179BSD

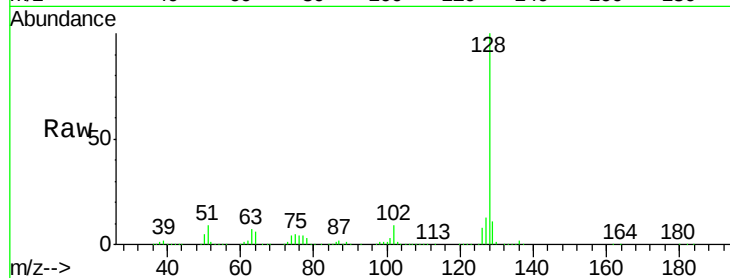
Tot Ion:128 Resp: 796313

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

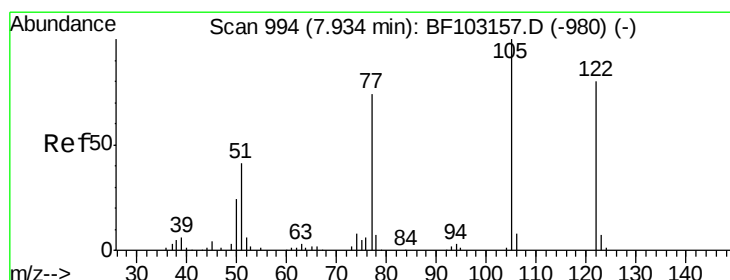
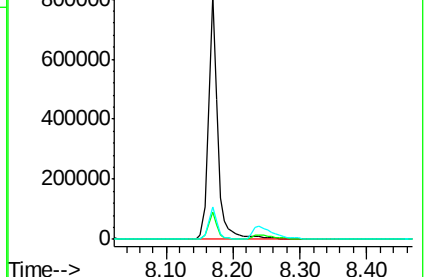
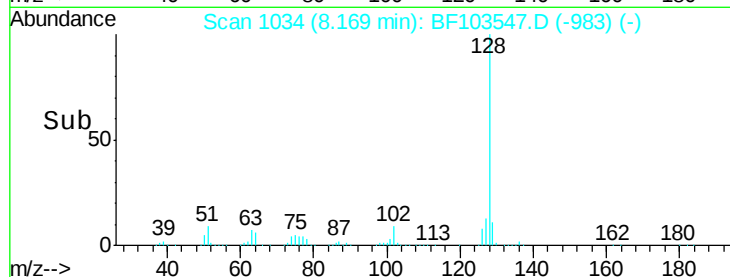
127 13.5 10.9 16.3



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

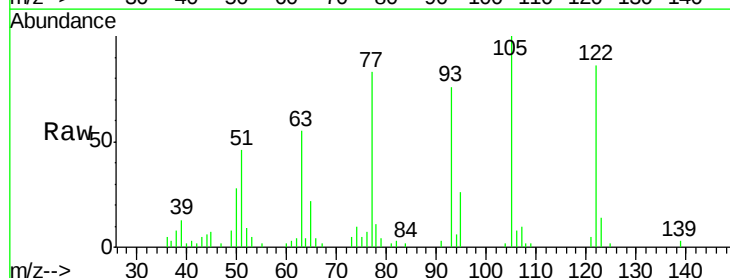
Tgt Ion:122 Resp: 67306

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

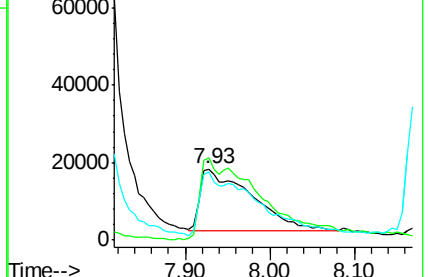
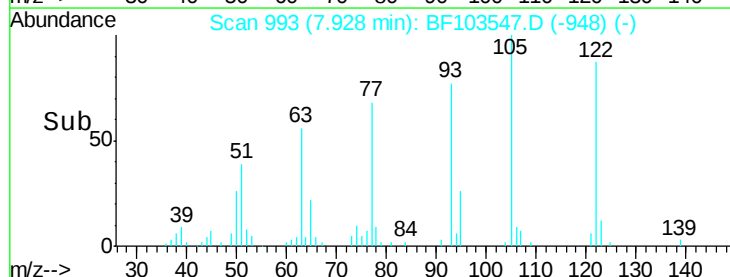
77 96.9 70.7 110.7

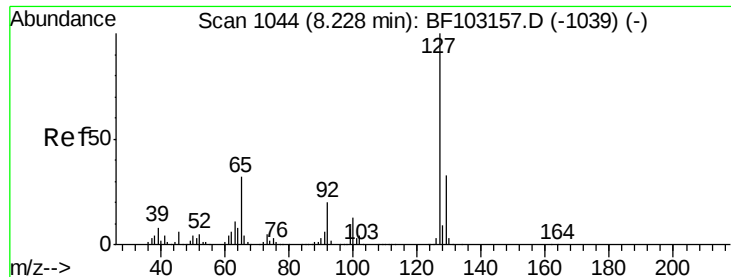


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

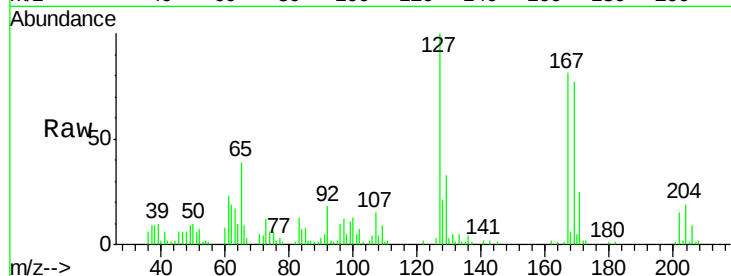




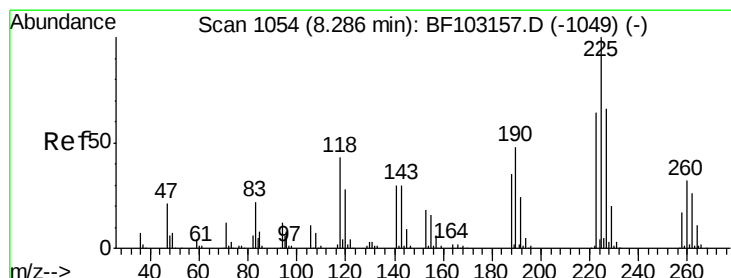
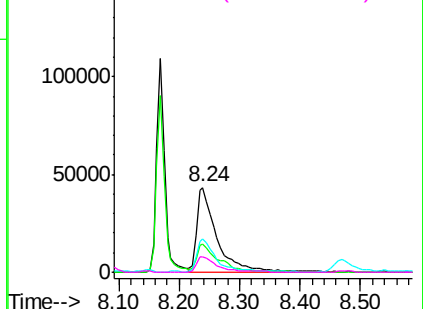
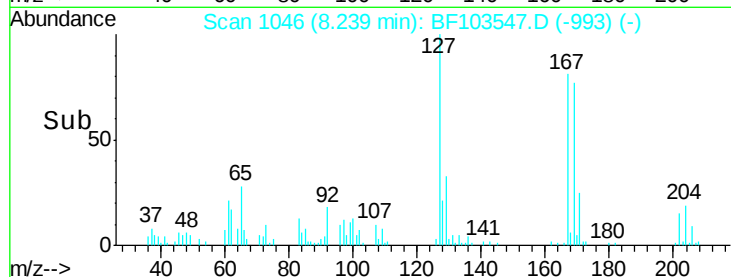
#33
 4-Chloroaniline
 Concen: 9.112 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

Tot Ion:	127	Resp:	102444
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

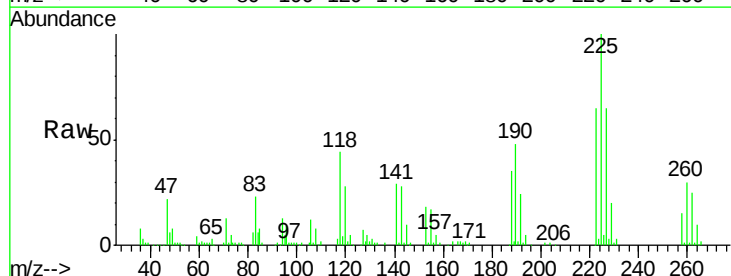


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

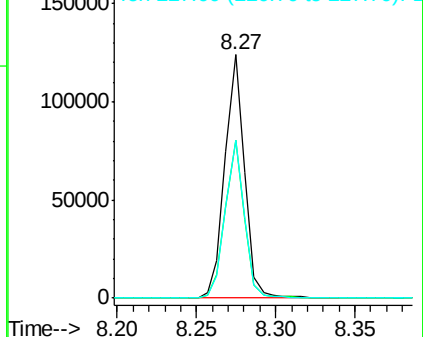
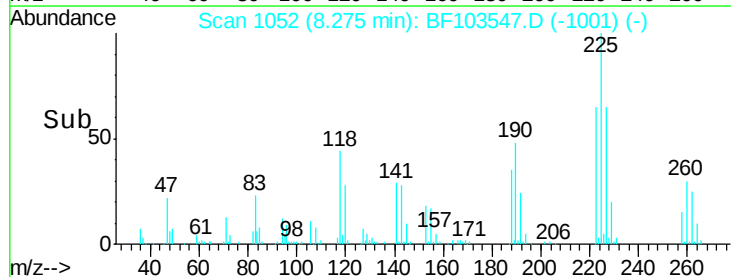


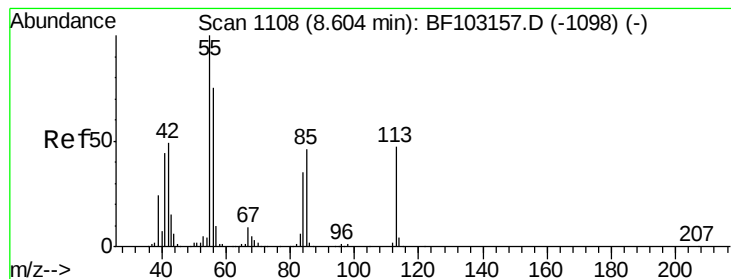
#34
 Hexachlorobutadiene
 Concen: 27.236 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

Tgt Ion:	225	Resp:	106750
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

ClientSampleId :

PB107179BSD

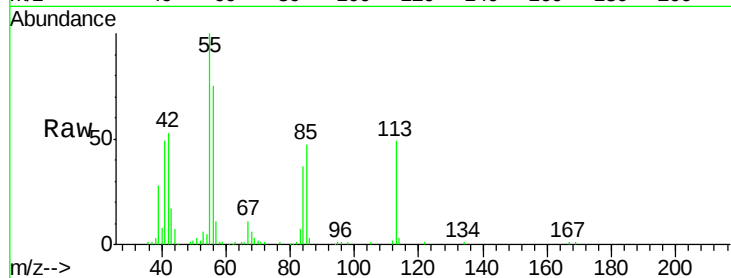
Tot Ion:113 Resp: 69131

Ion Ratio Lower Upper

113 100

55 205.6 163.3 203.3#

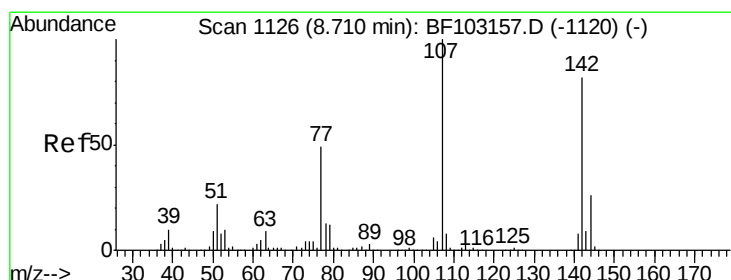
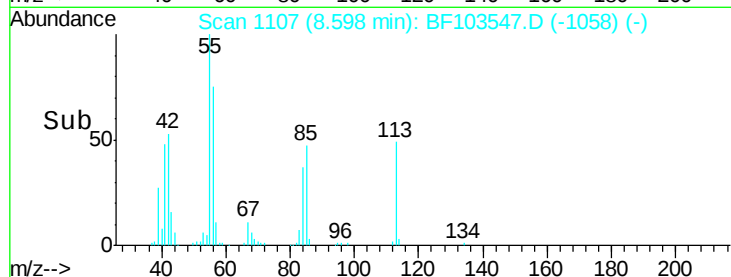
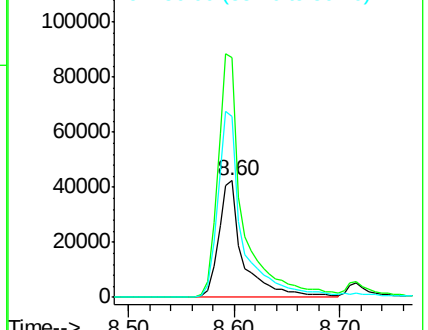
56 155.1 115.7 155.7



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

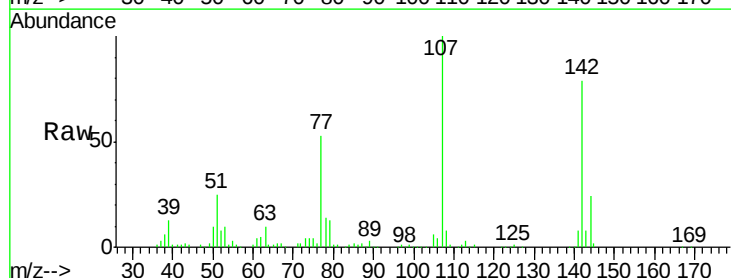
Tgt Ion:107 Resp: 240904

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

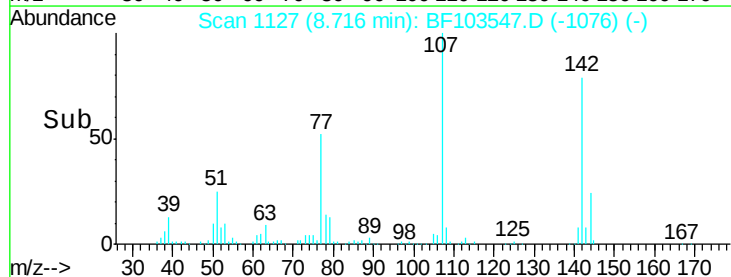
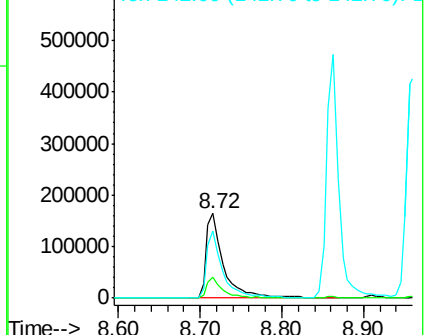
142 78.9 62.0 93.0

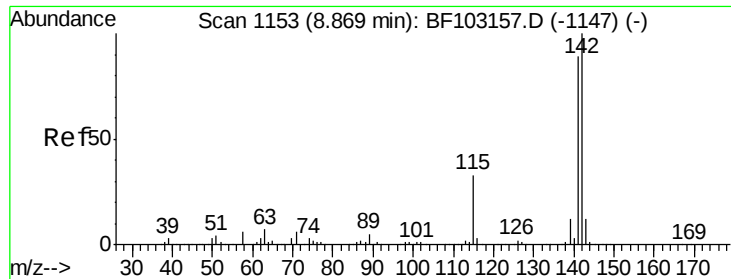


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

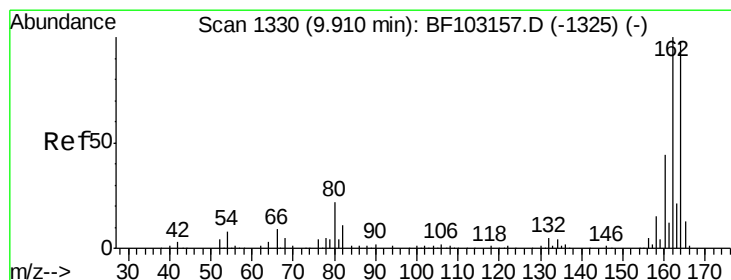
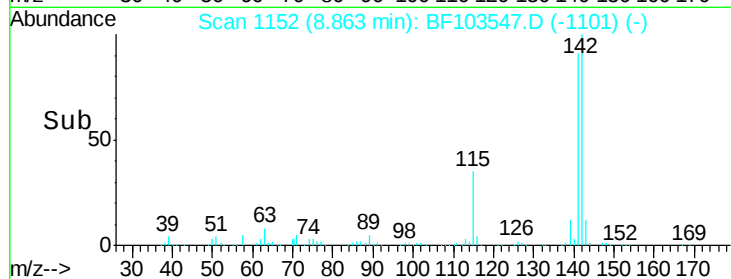
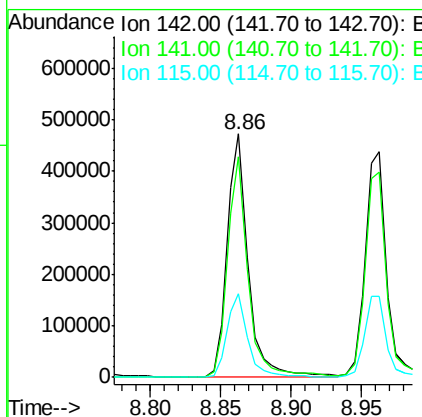
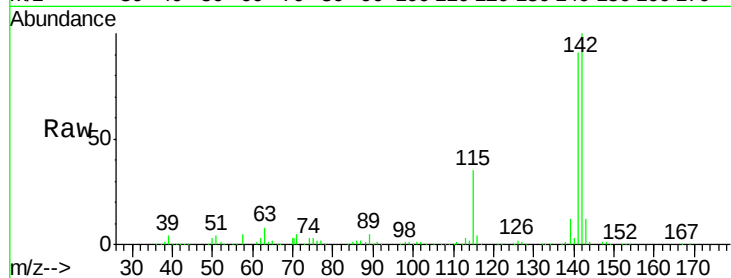




#37
2-Methylnaphthalene
Concen: 29.008 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

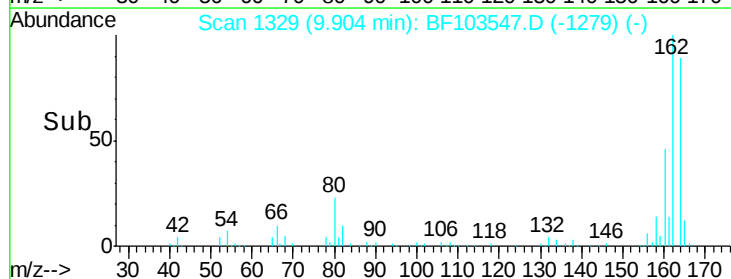
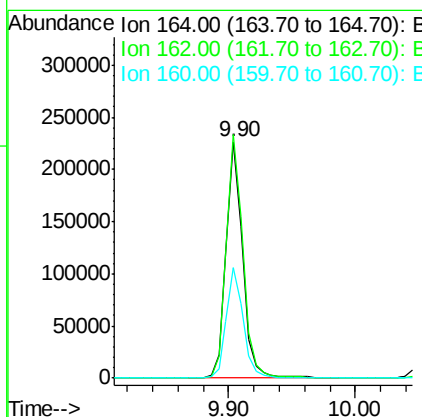
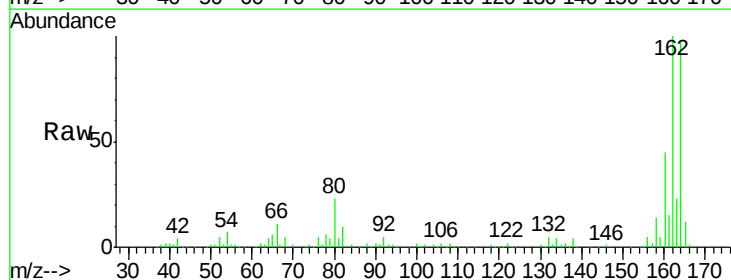
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

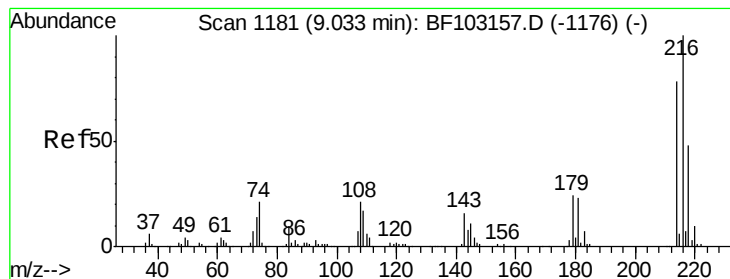
Tot Ion:142 Resp: 488418
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2
115 34.6 26.1 39.1



#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





#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 :

PB107179BSD

Tot Ion:216 Resp: 176288

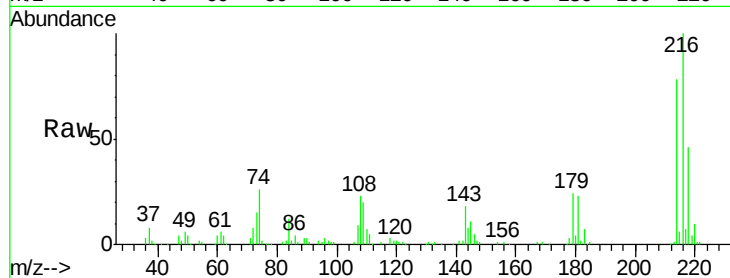
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 23.9 18.1 27.1

108 23.3 17.2 25.8

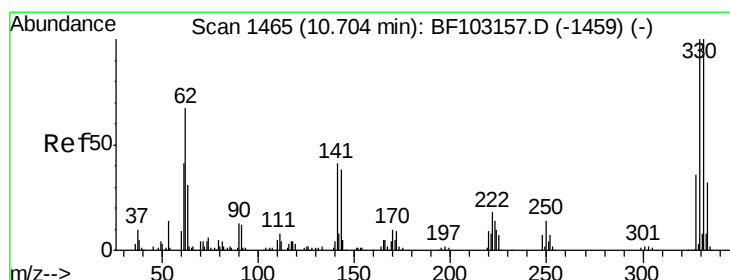
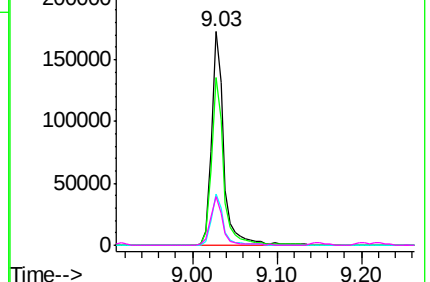
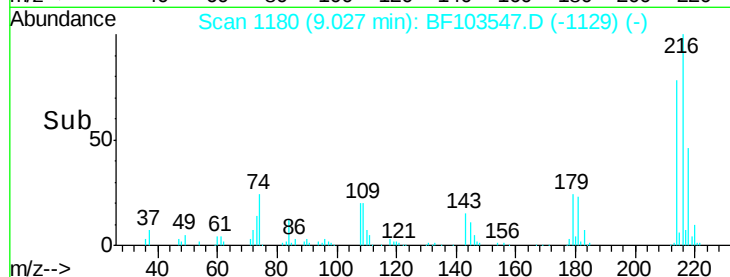


Abundance Ion 216.00 (215.70 to 216.70): E

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



#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

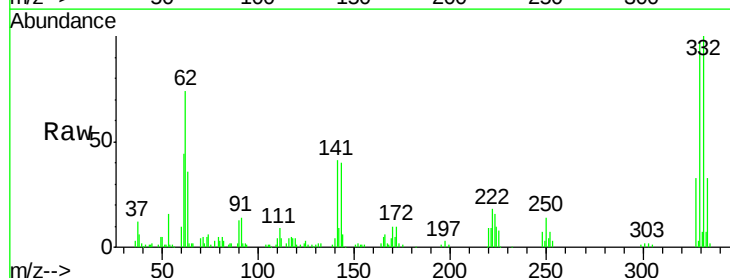
Tgt Ion:330 Resp: 76045

Ion Ratio Lower Upper

330 100

332 107.1 77.0 115.6

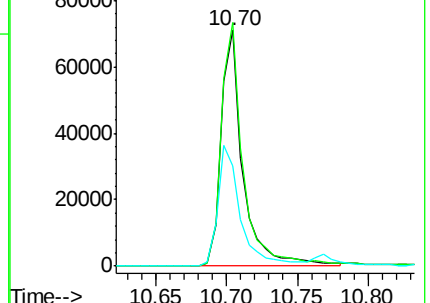
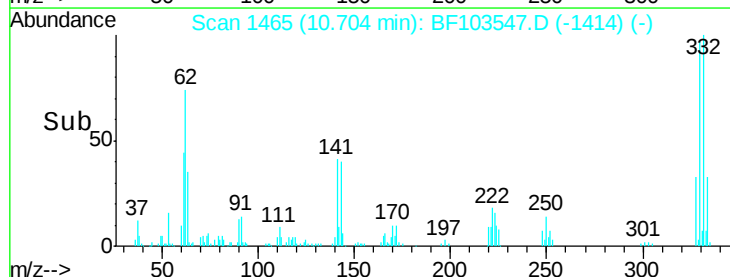
141 52.9 29.9 44.9#

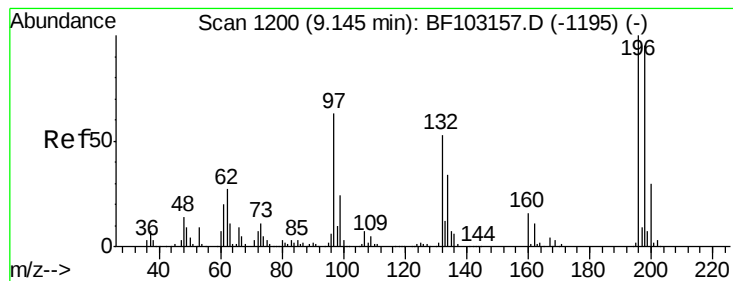


Abundance Ion 329.80 (329.50 to 330.50): E

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

Instrument :

BNA_F

ClientSampleId :

PB107179BSD

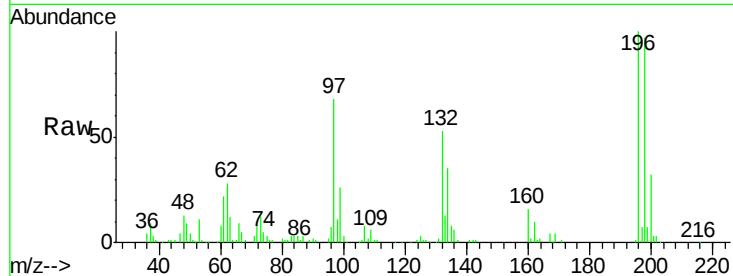
Tot Ion:196 Resp: 112927

Ion Ratio Lower Upper

196 100

198 97.4 75.7 113.5

200 31.7 24.5 36.7

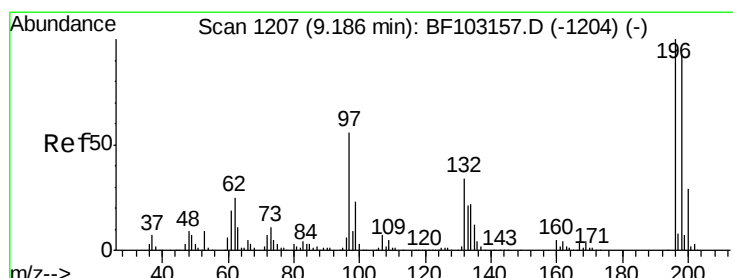
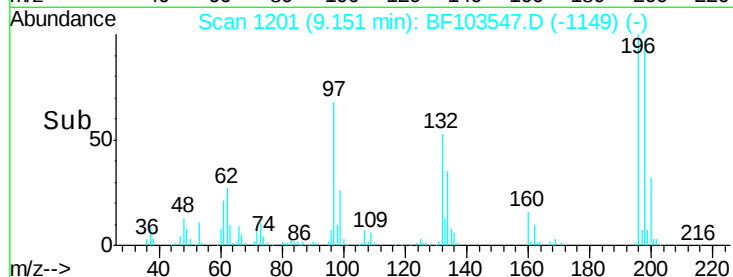
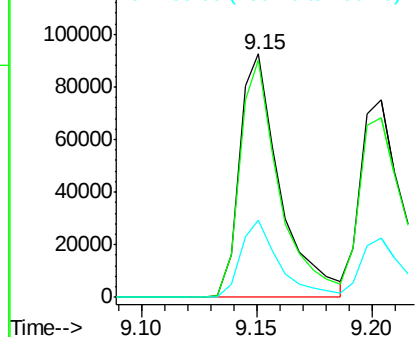


Abundance

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

Tgt Ion:196 Resp: 116520

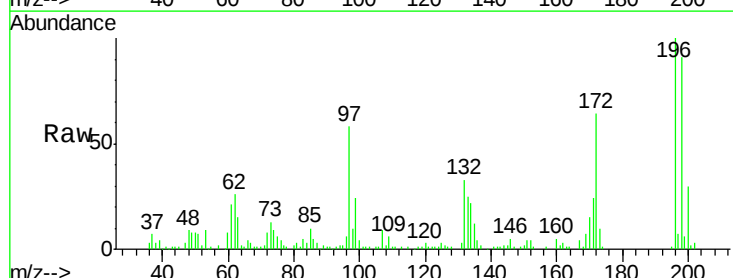
Ion Ratio Lower Upper

196 100

198 90.9 74.6 112.0

97 57.5 42.9 64.3

132 33.5 26.3 39.5



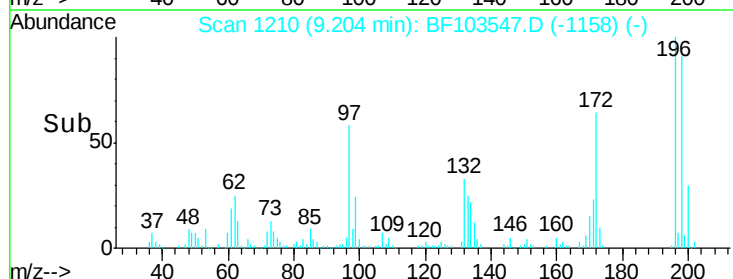
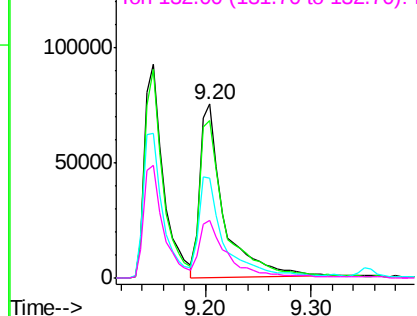
Abundance

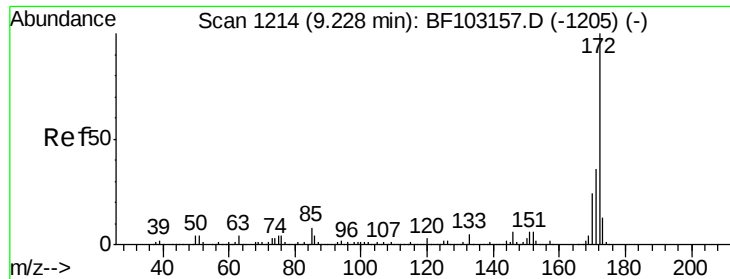
Ion 196.00 (195.70 to 196.70): E

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

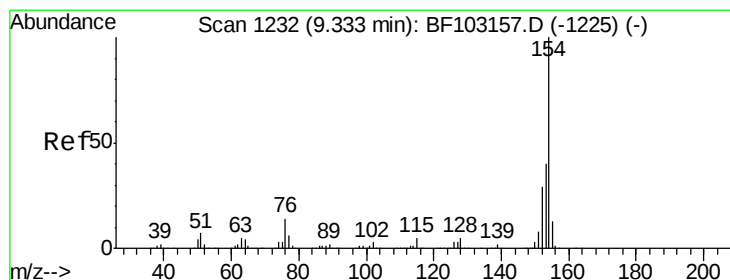
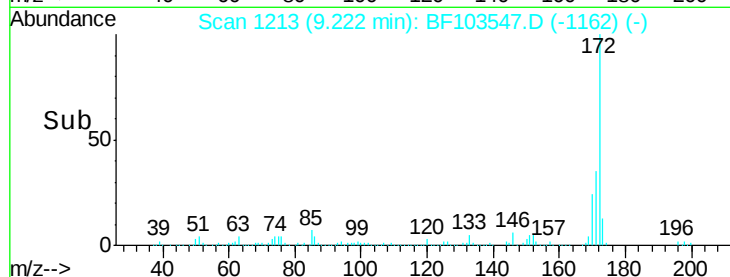
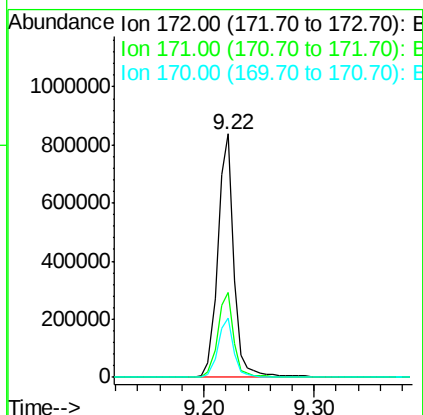
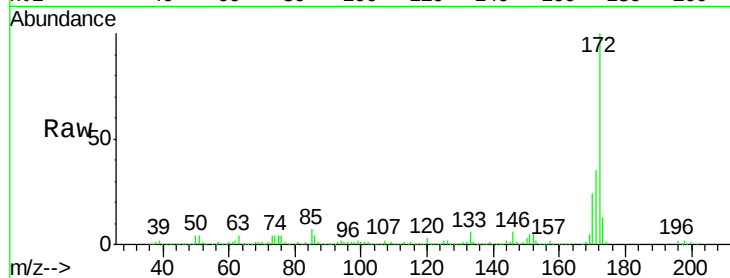




#44
2-Fluorobiphenyl
Concen: 67.566 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

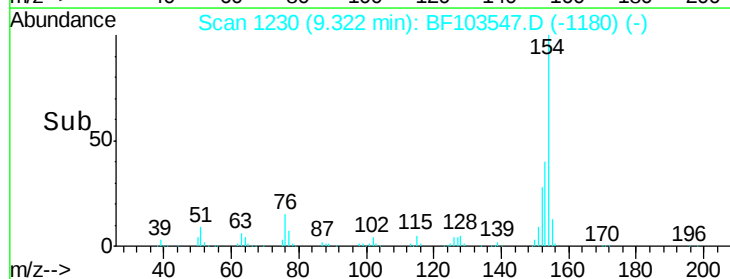
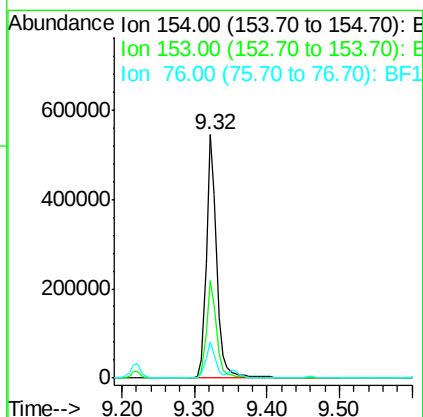
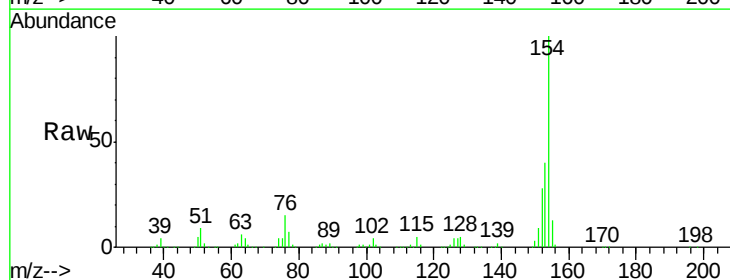
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

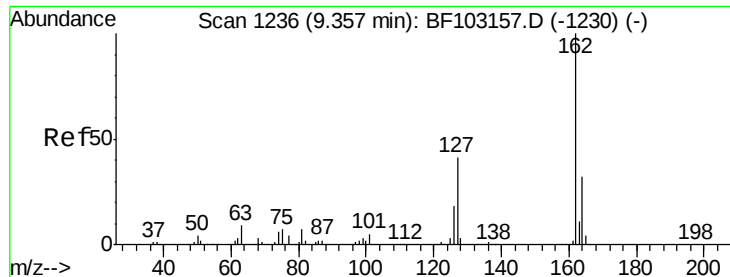
Tot Ion:172 Resp: 846526
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 24.4 19.6 29.4



#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

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

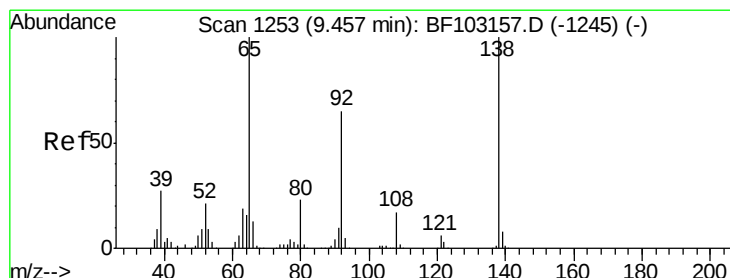
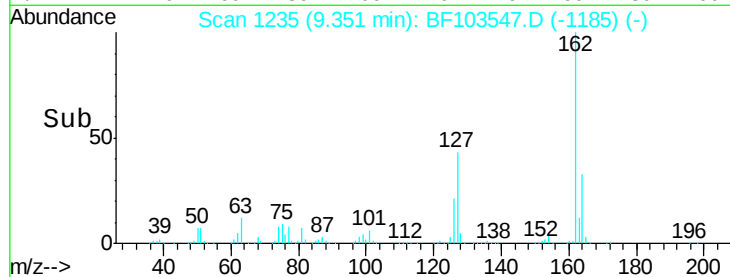
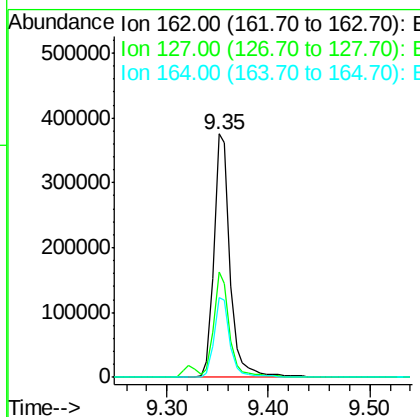
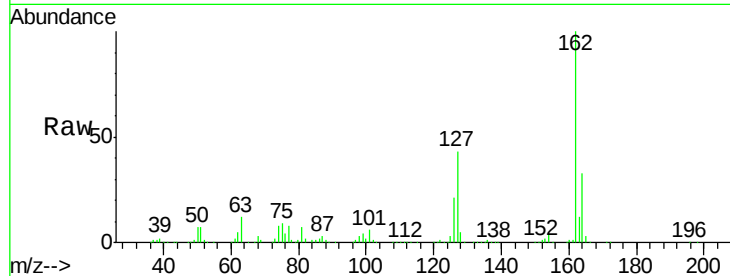




#46
 2-Chloronaphthalene
 Concen: 30.755 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

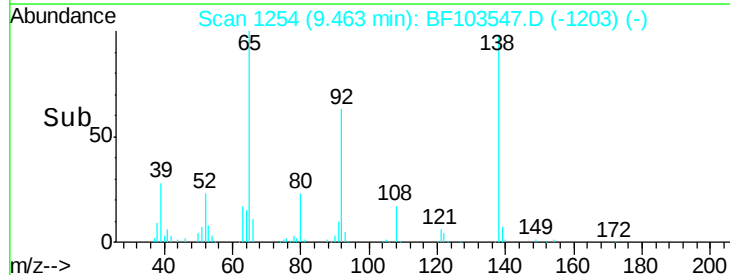
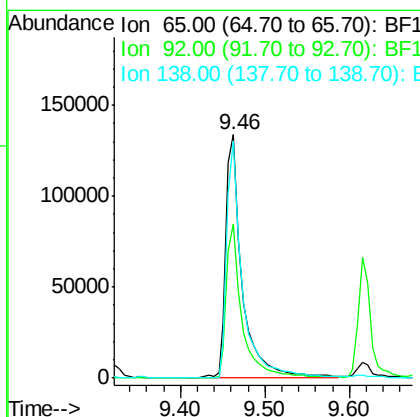
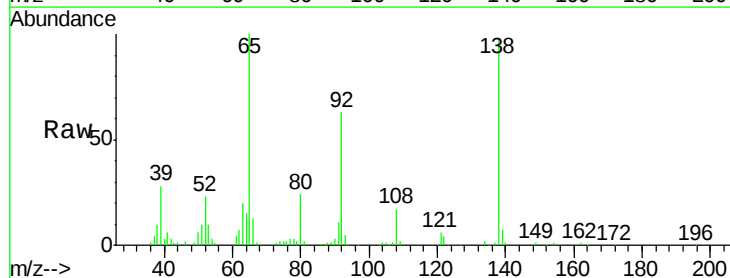
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

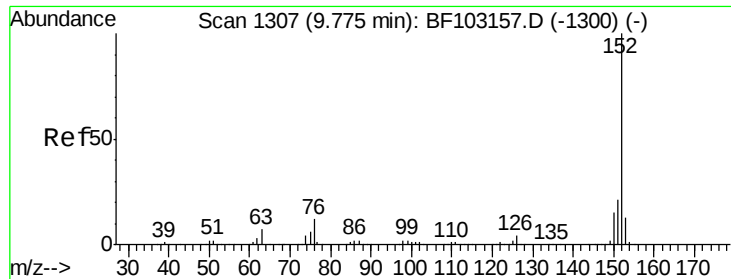
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.9	50.9
164	32.8	26.5	39.7



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PB107179BSD

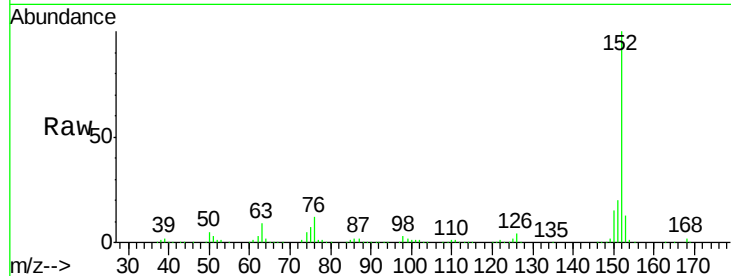
Tot Ion:152 Resp: 618899

Ion Ratio Lower Upper

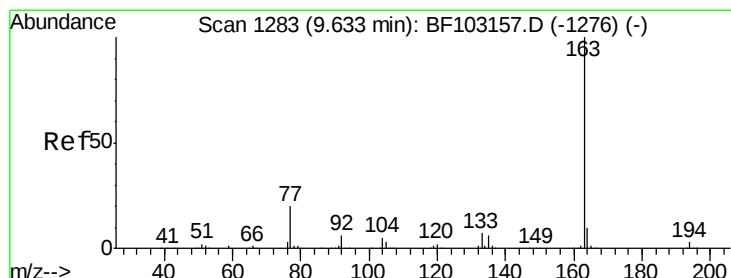
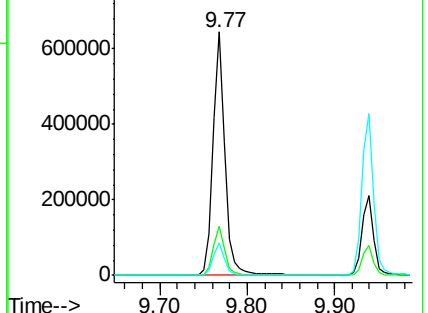
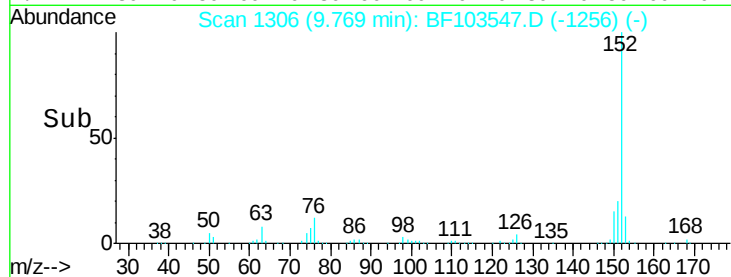
152 100

151 20.1 16.3 24.5

153 13.4 10.7 16.1



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



#49

Dimethylphthalate

Concen: 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

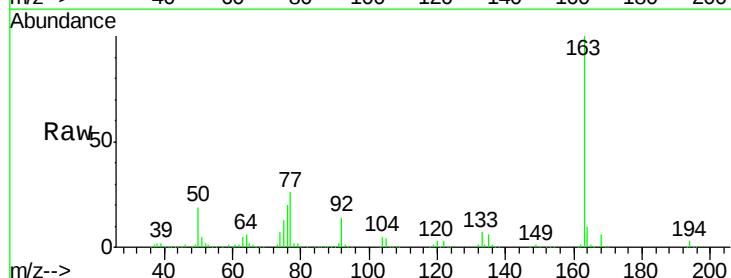
Tgt Ion:163 Resp: 485733

Ion Ratio Lower Upper

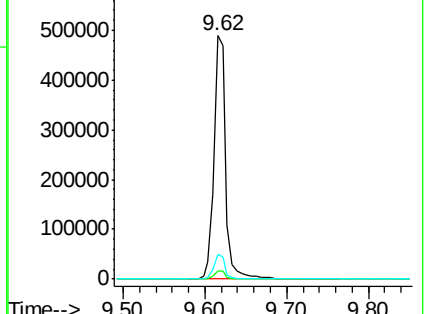
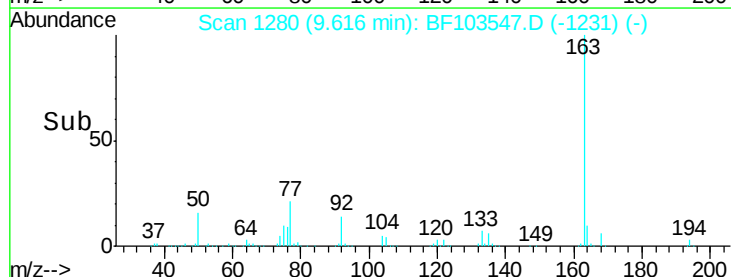
163 100

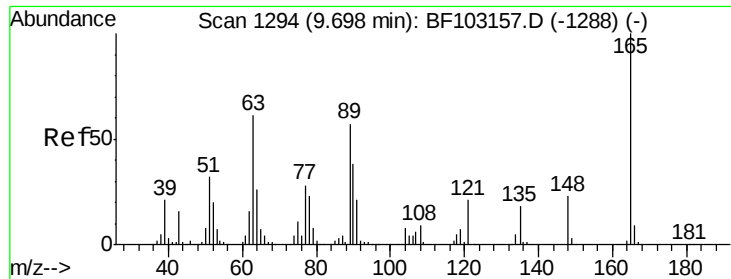
194 3.1 2.7 4.1

164 10.4 8.2 12.2



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

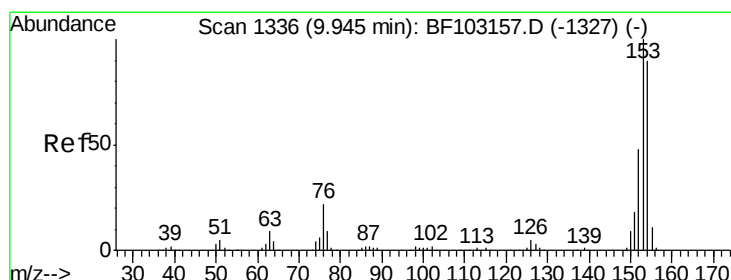
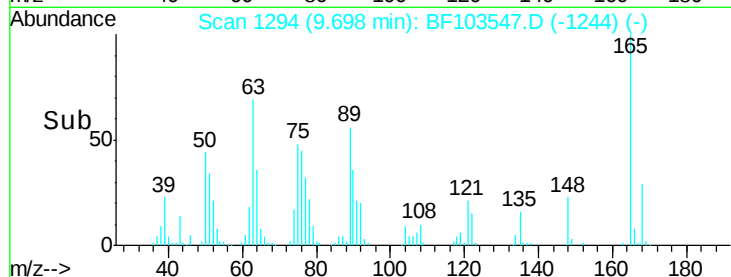
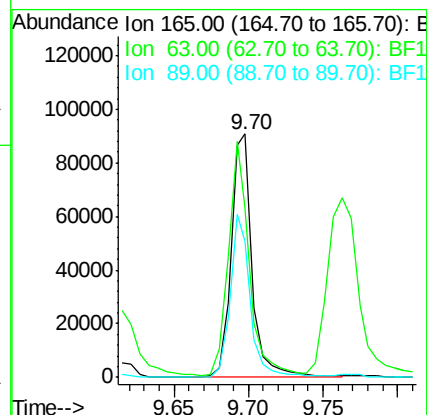
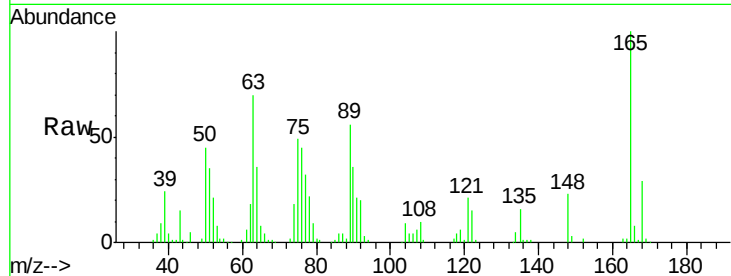




#50
2,6-Dinitrotoluene
Concen: 26.258 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

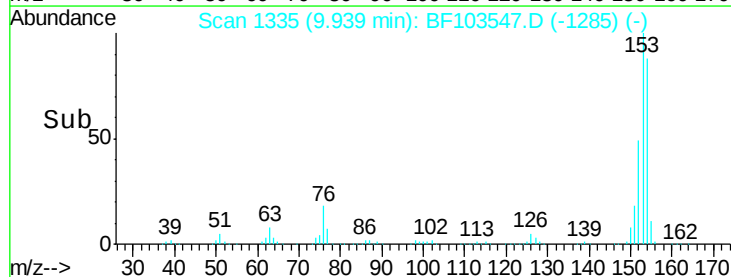
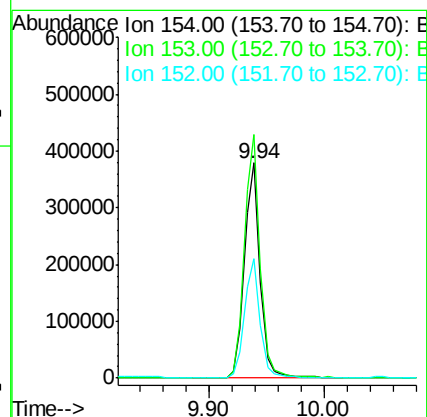
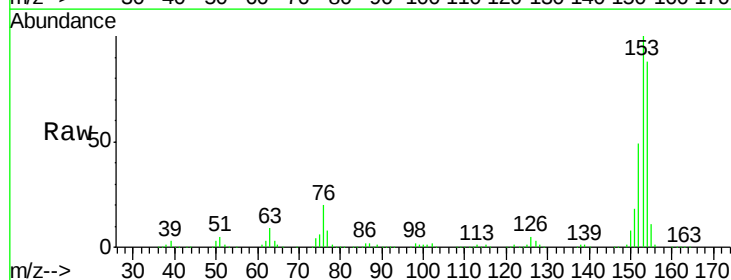
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

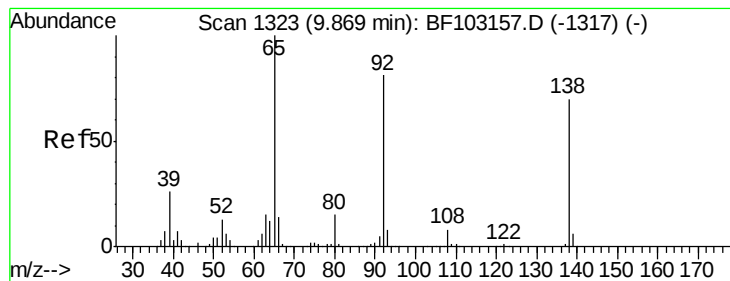
Tot Ion:165 Resp: 90796
Ion Ratio Lower Upper
165 100
63 69.5 44.7 67.1#
89 55.6 44.0 66.0



#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

Tgt Ion:154 Resp: 359037
Ion Ratio Lower Upper
154 100
153 113.2 91.2 136.8
152 55.5 43.8 65.8





#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

Instrument :

BNA_F

ClientSampleId :

PB107179BSD

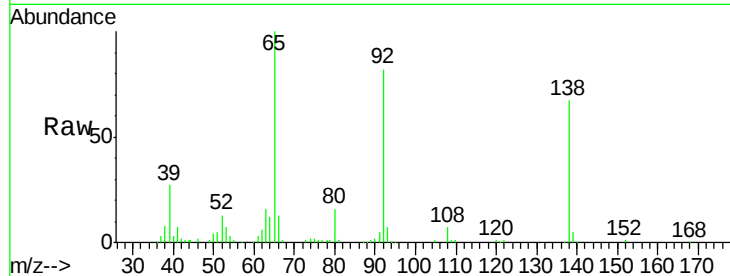
Tot Ion:138 Resp: 99576

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

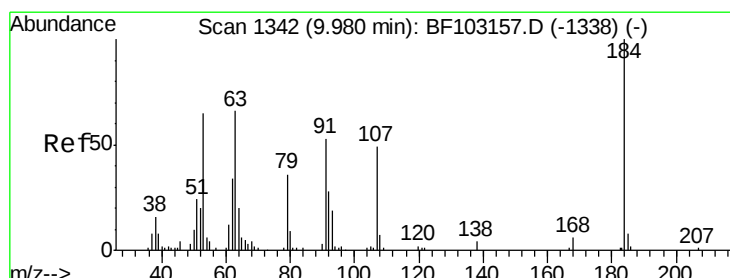
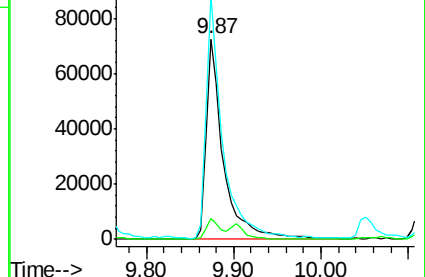
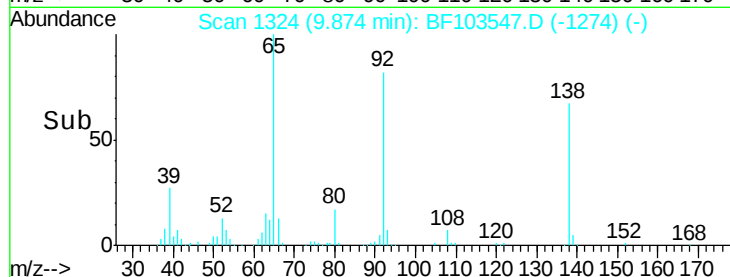
92 121.4 89.4 134.2



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

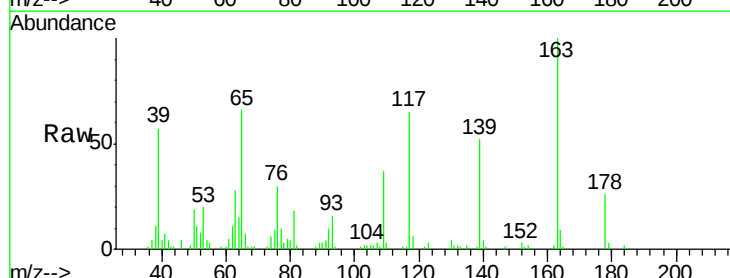
Tgt Ion:184 Resp: 1582

Ion Ratio Lower Upper

184 100

63 1656.5 54.2 81.2#

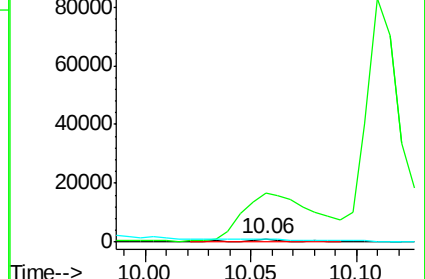
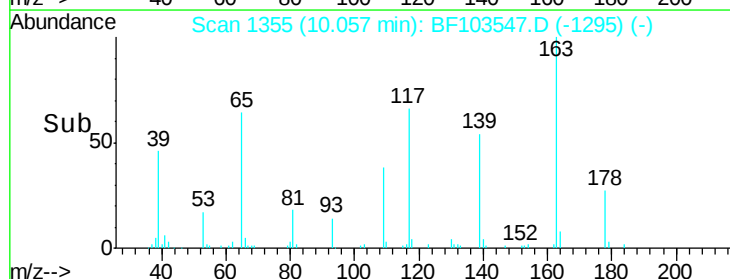
154 120.5 184.0 276.0#

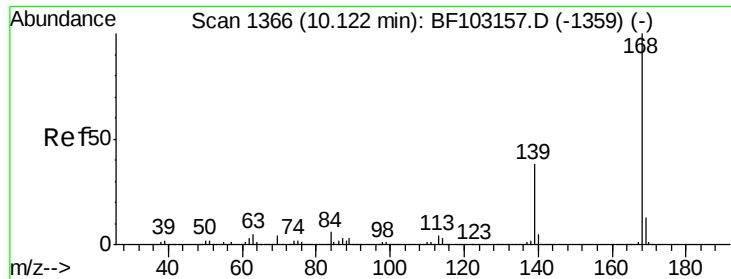


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

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

Instrument :

BNA_F

ClientSampleId :

PB107179BSD

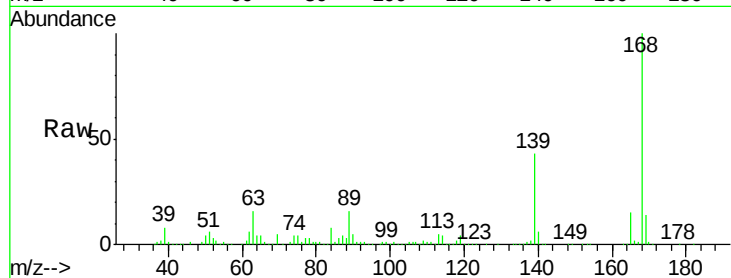
Tot Ion:168 Resp: 516339

Ion Ratio Lower Upper

168 100

139 43.5 30.1 45.1

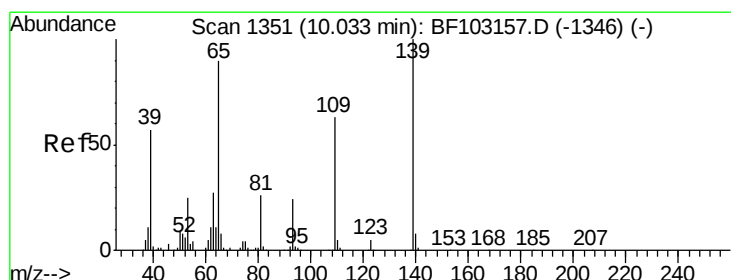
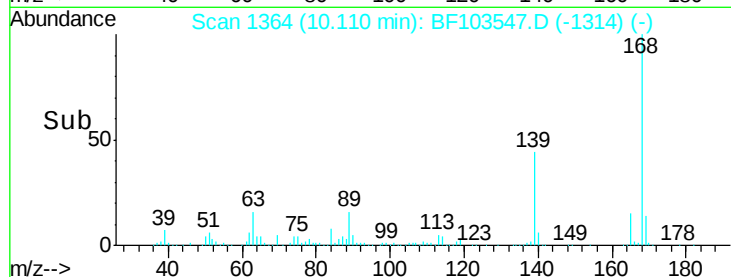
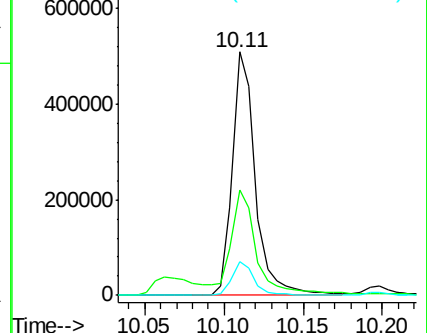
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 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

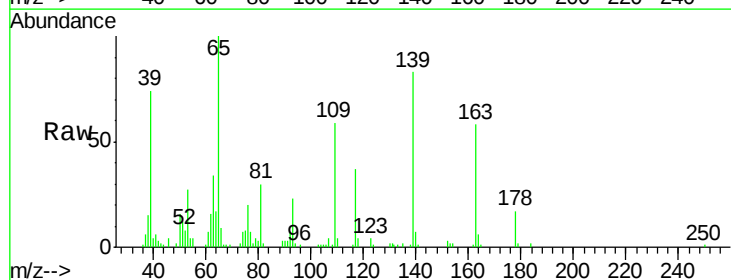
Tgt Ion:139 Resp: 77127

Ion Ratio Lower Upper

139 100

109 71.2 48.4 88.4

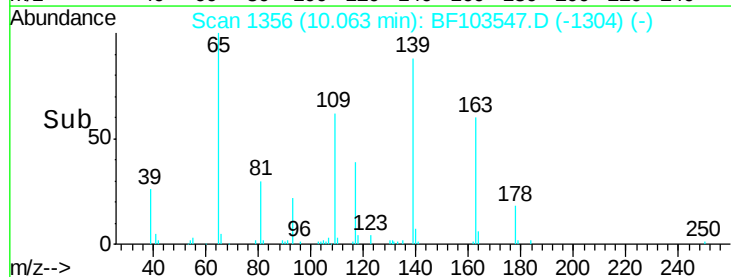
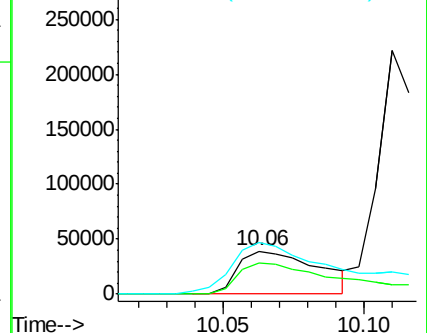
65 121.0 72.6 112.6#

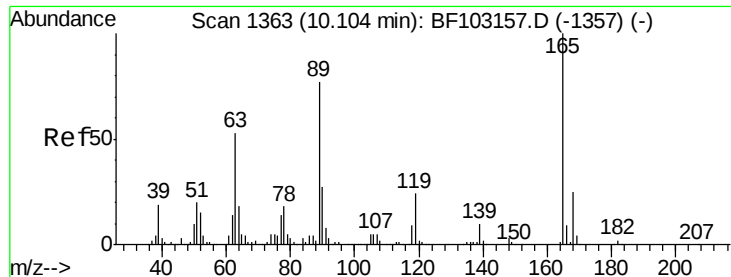


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

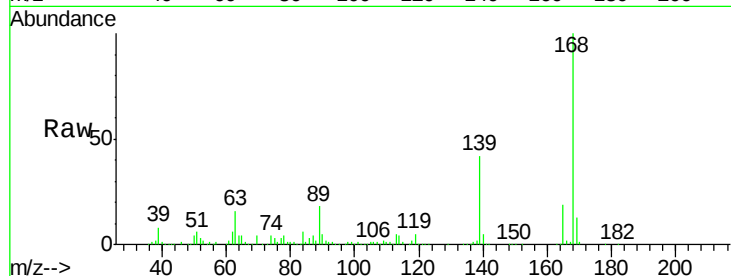




#56
2,4-Dinitrotoluene
Concen: 23.620 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB107179BSD

Tot 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

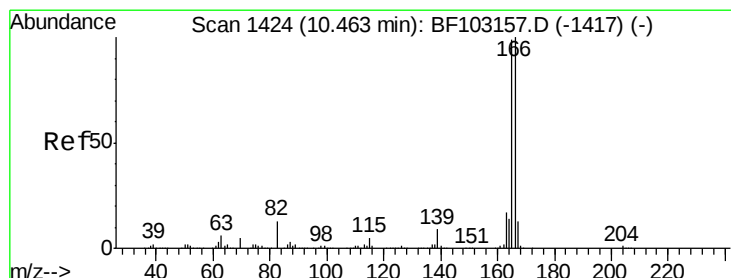
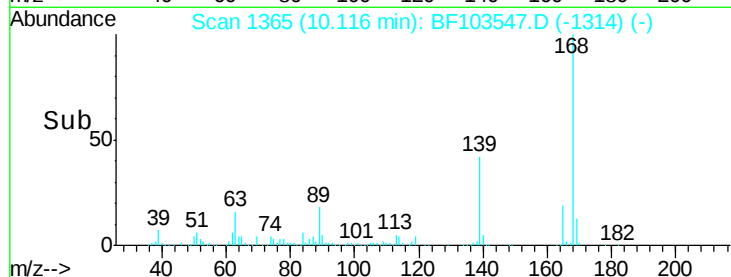
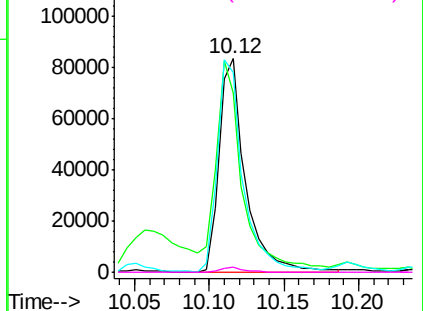


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

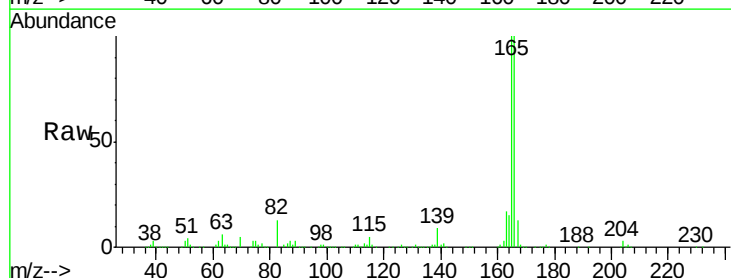
Ion 89.00 (88.70 to 89.70): BF1

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

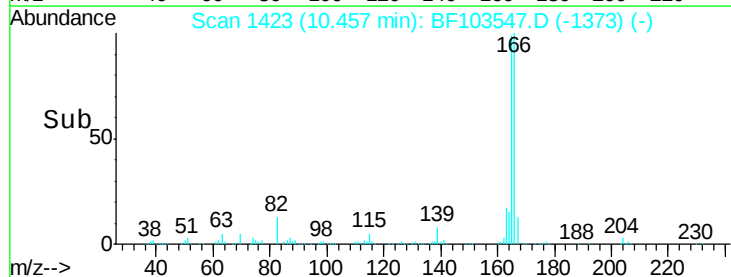
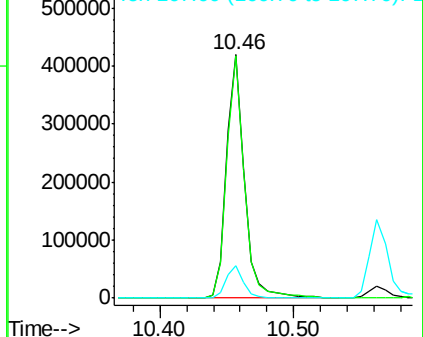
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.2	10.6	16.0

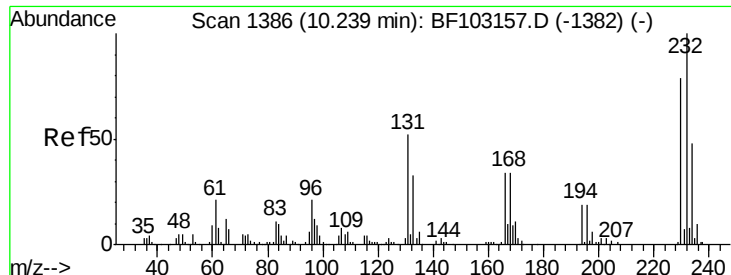


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

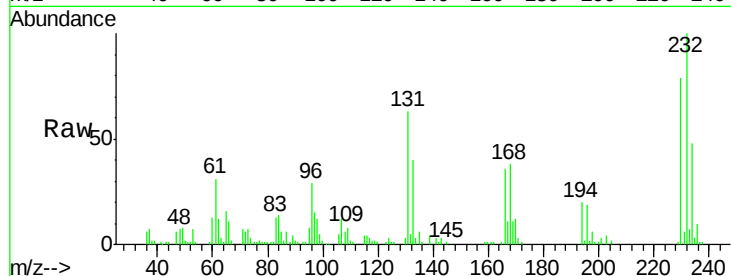




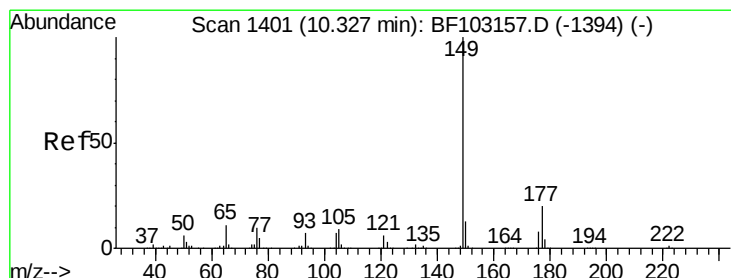
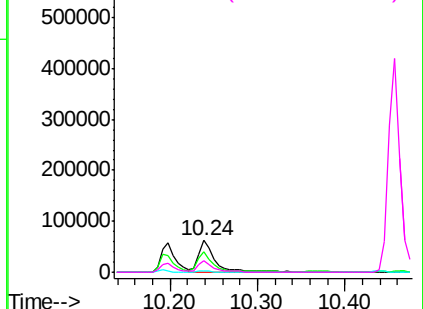
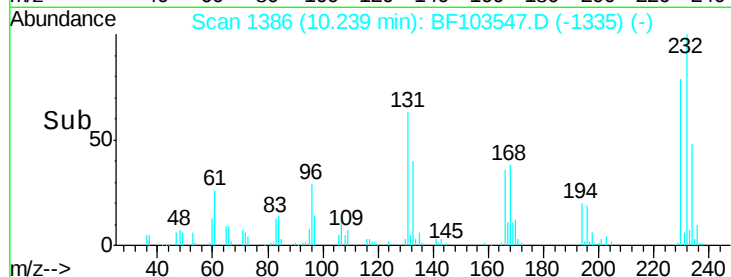
#58
2,3,4,6-Tetrachlorophenol
Concen: 28.076 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB107179BSD

Tot 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

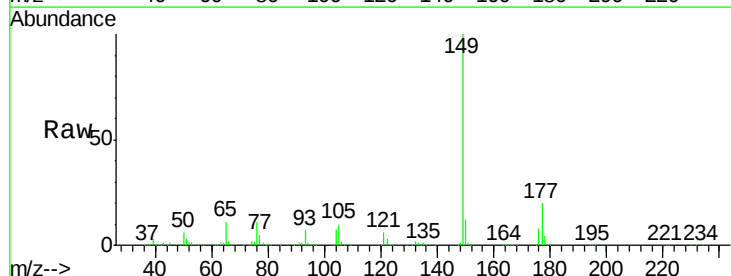


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

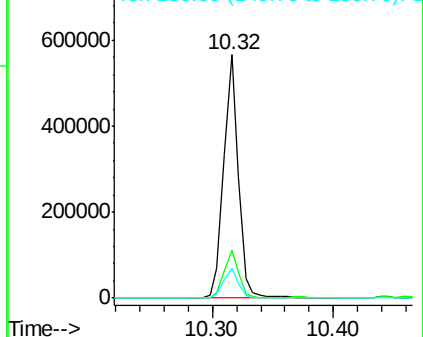
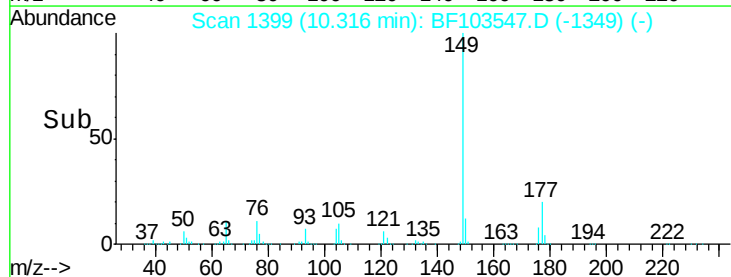


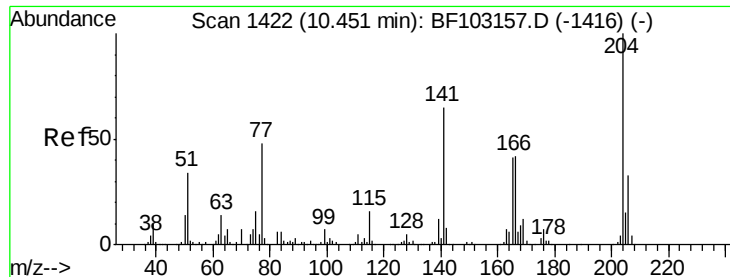
#59
Diethylphthalate
Concen: 30.298 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt 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

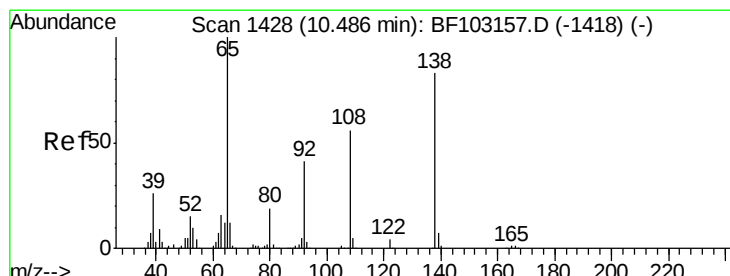
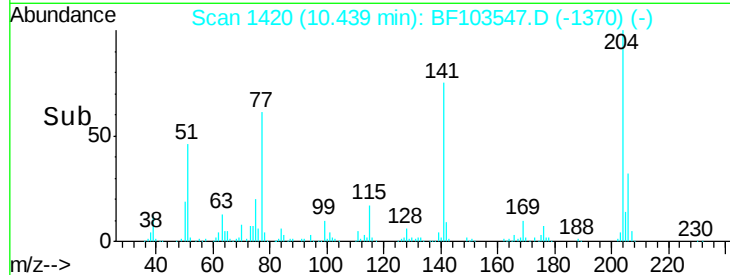
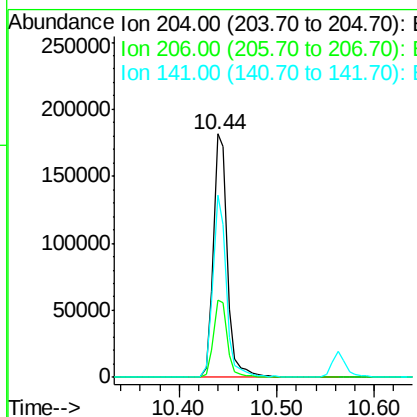
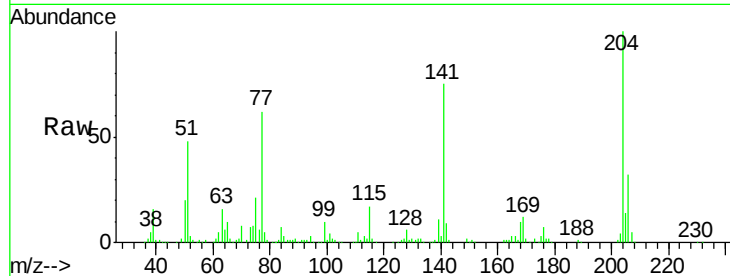




#60
 4-Chlorophenyl-phenylether
 Concen: 30.009 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

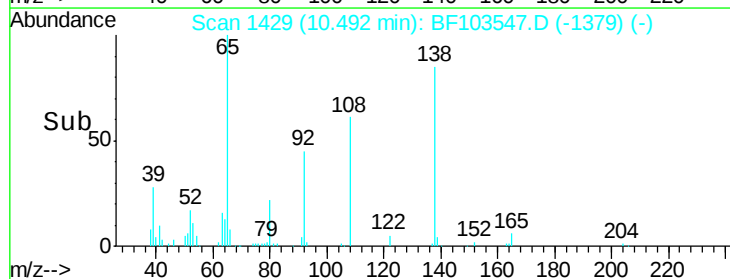
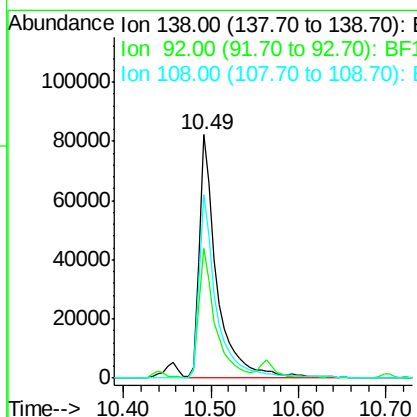
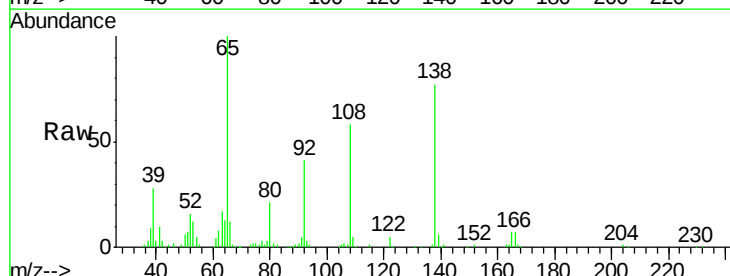
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

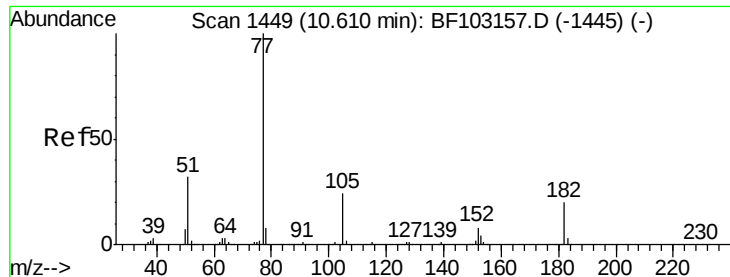
Tot Ion:	204	Resp:	181800
Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	75.0	54.6	81.8



#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

Tgt 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

Instrument :

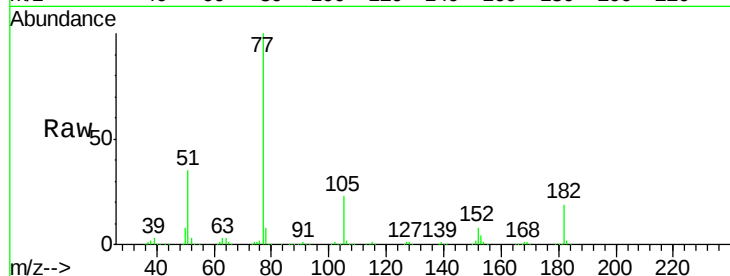
BNA_F

ClientSampleId :

PB107179BSD

Tot 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

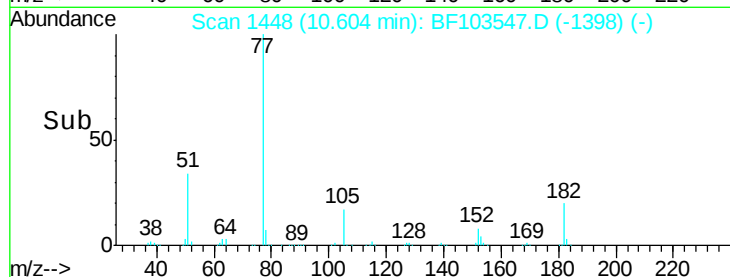


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.60

800000

600000

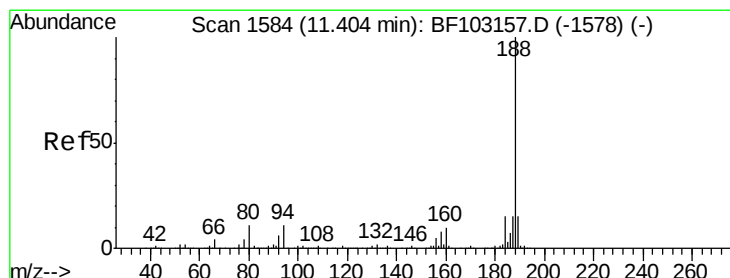
400000

200000

0

10.60

10.70



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

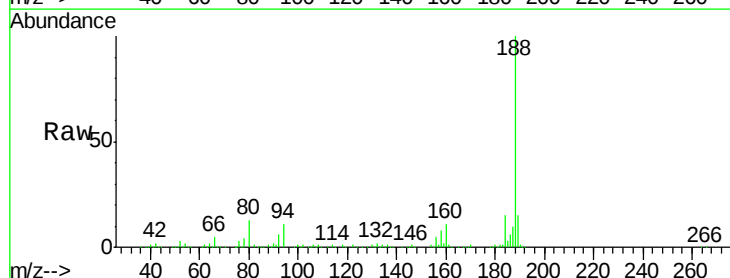
Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Tgt Ion: 188 Resp: 308265

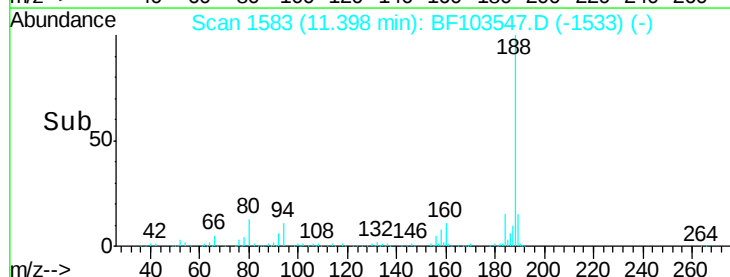
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	13.1	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.40

400000

300000

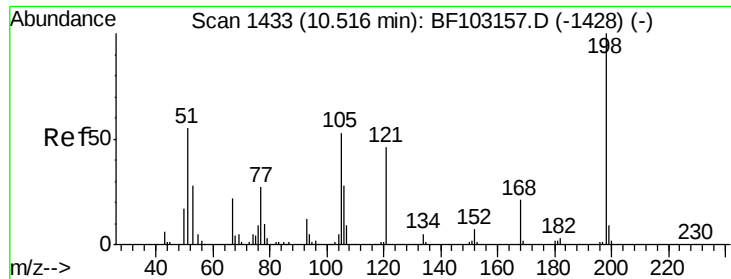
200000

100000

0

11.40

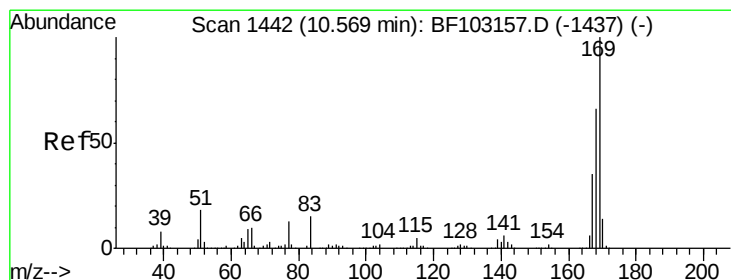
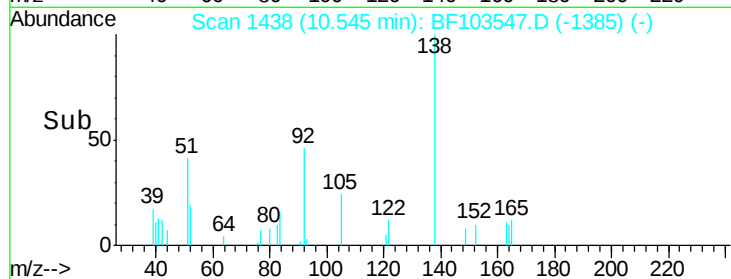
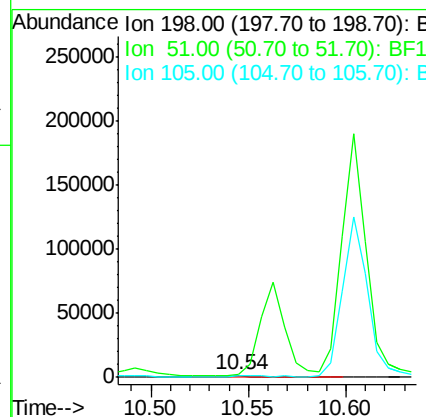
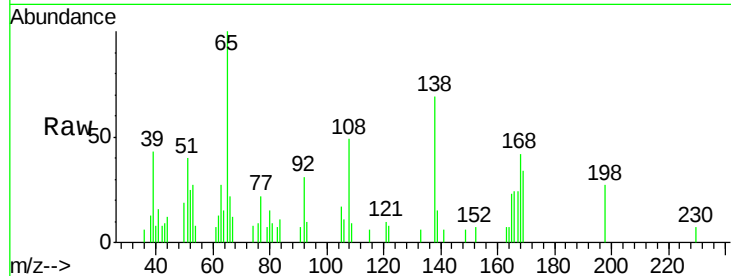
11.50



#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

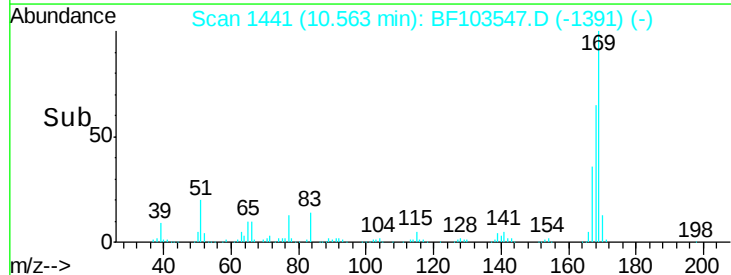
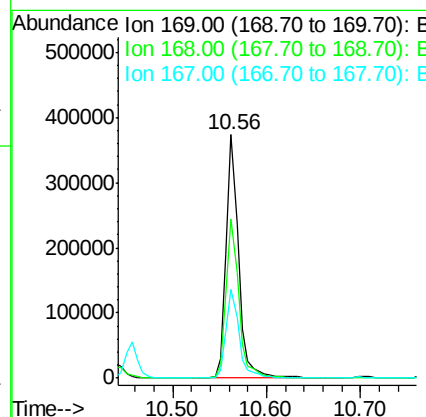
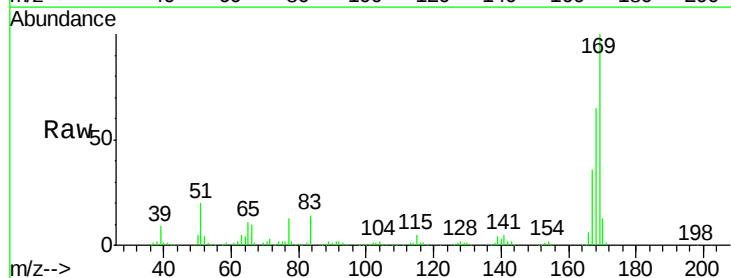
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

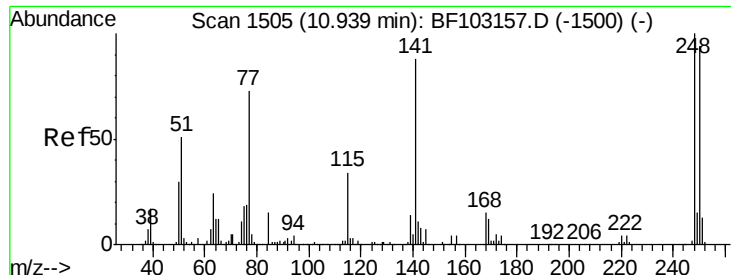
Tot Ion:198 Resp: 2119
Ion Ratio Lower Upper
198 100
51 148.6 37.7 77.7#
105 62.0 36.3 76.3



#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

Tgt Ion:169 Resp: 348743
Ion Ratio Lower Upper
169 100
168 65.4 54.4 81.6
167 36.3 29.8 44.6

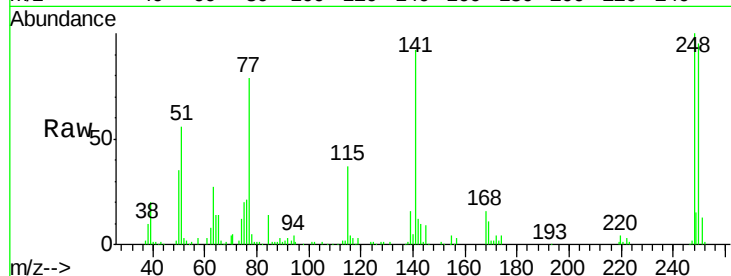




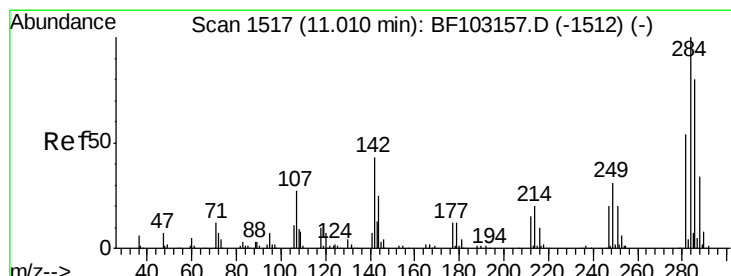
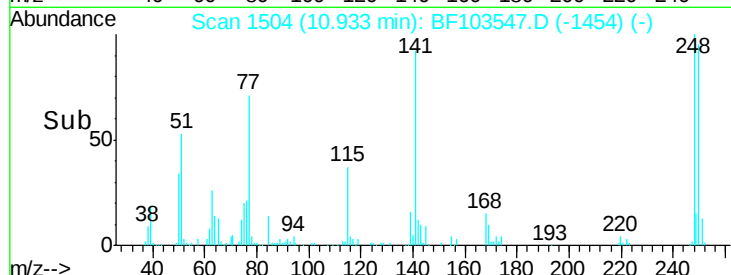
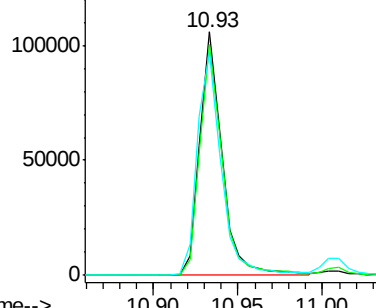
#66
4-Bromophenyl-phenylether
Concen: 30.361 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB107179BSD

Tot Ion:248 Resp: 97494
Ion Ratio Lower Upper
248 100
250 94.9 76.9 115.3
141 91.6 74.4 111.6

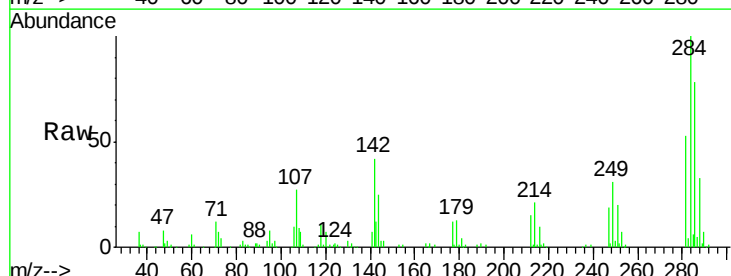


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

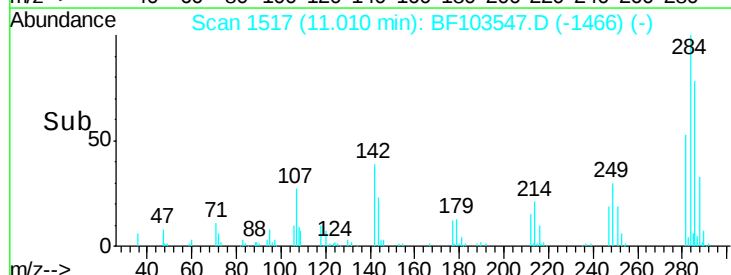
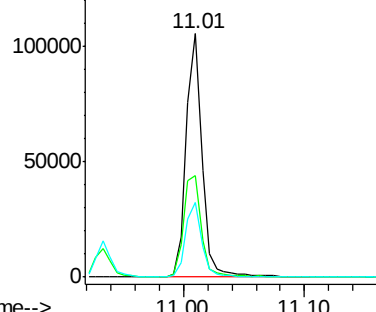


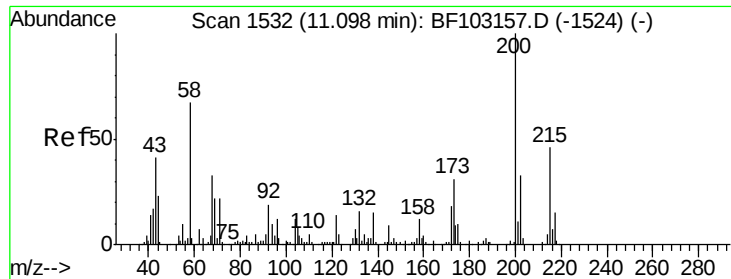
#67
Hexachlorobenzene
Concen: 27.358 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Tgt 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

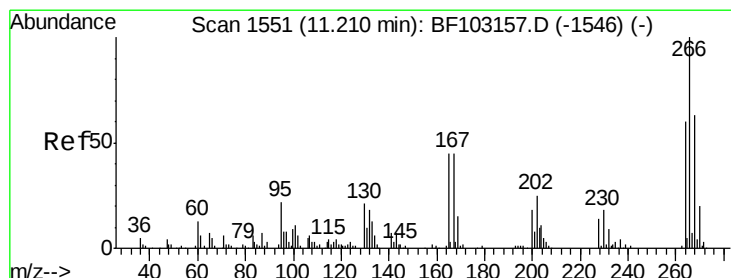
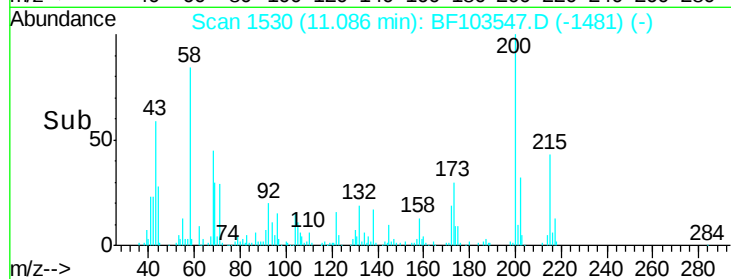
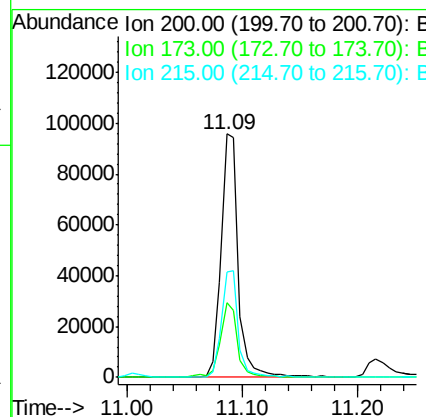
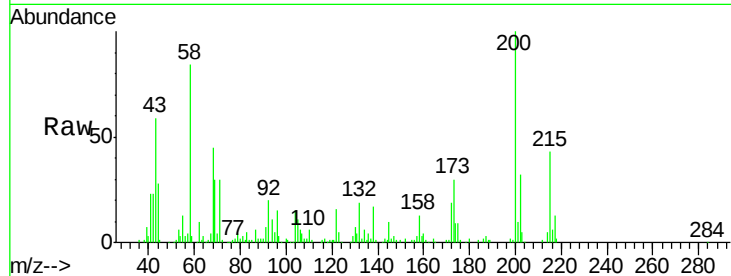




#68
Atrazine
Concen: 30.767 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

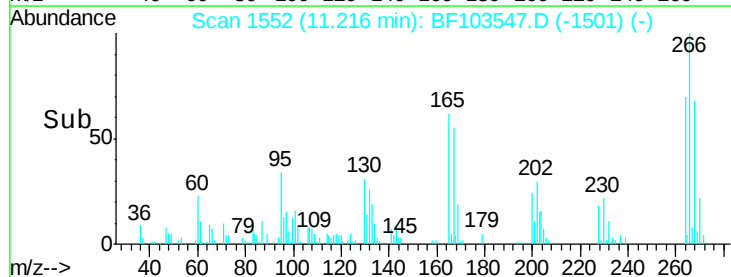
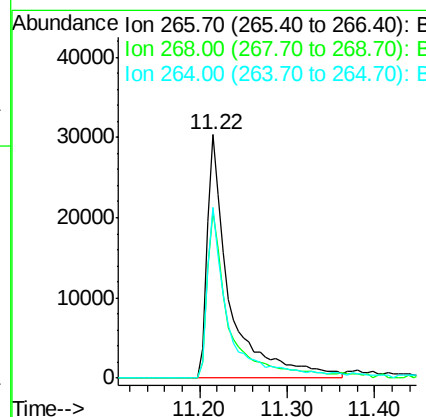
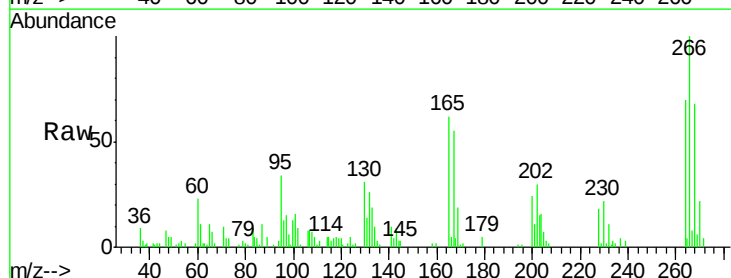
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

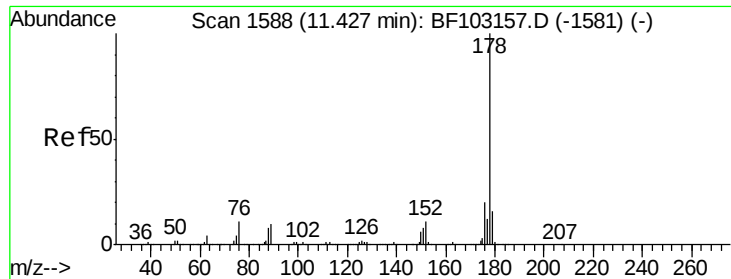
Tot Ion:200 Resp: 99256
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 43.0 25.1 65.1



#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

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

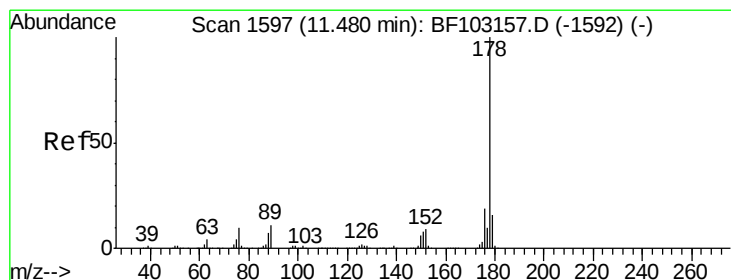
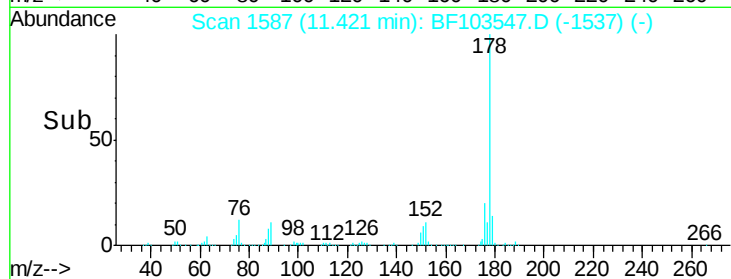
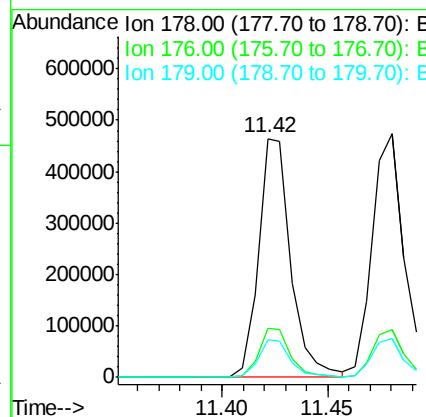
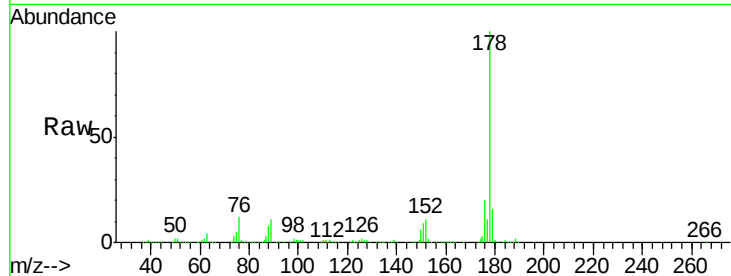




#70
 Phenanthrene
 Concen: 29.053 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

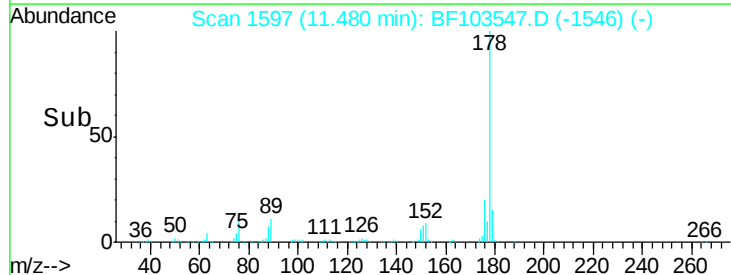
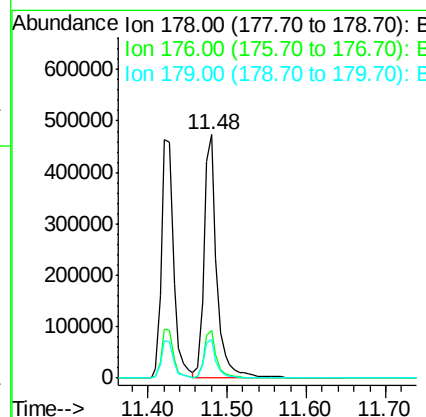
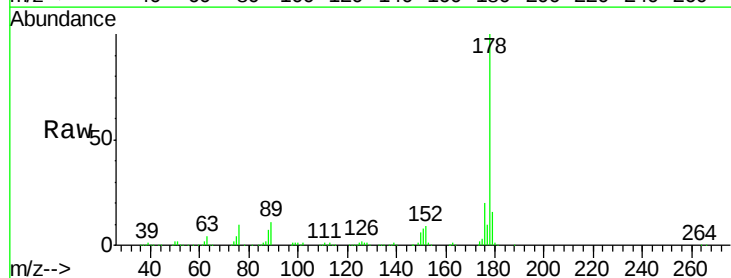
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

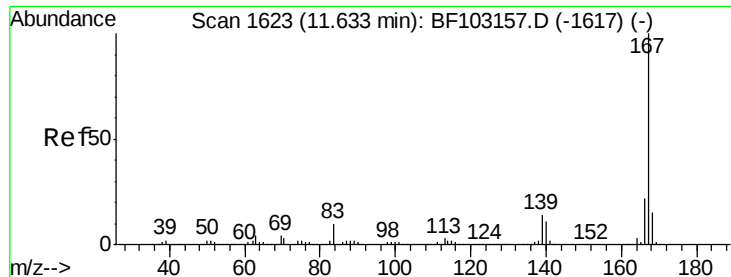
Tot Ion:178 Resp: 492877
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.9 13.0 19.6



#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

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

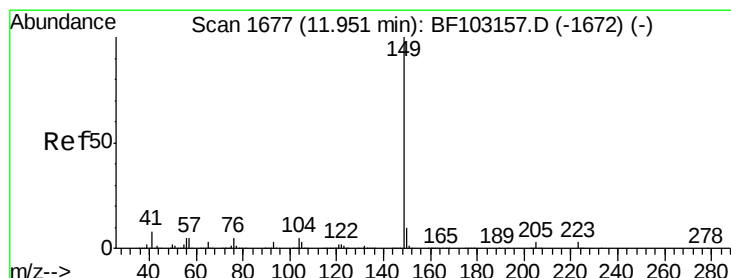
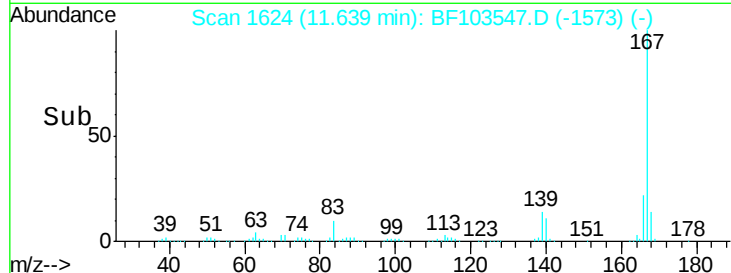
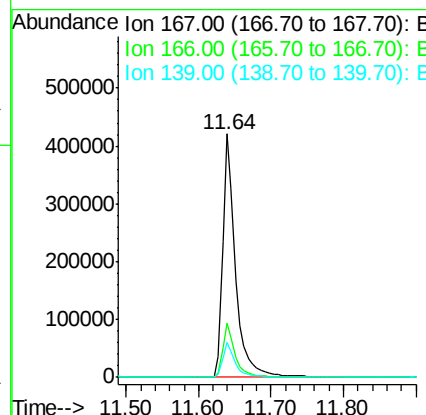
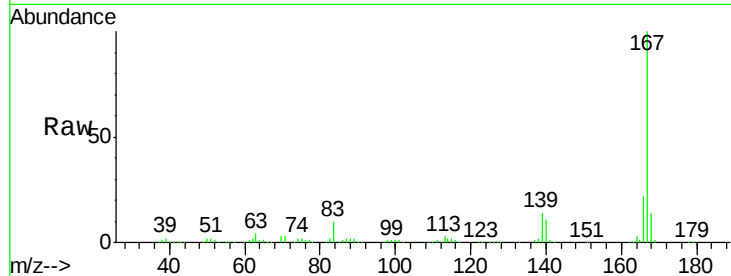




#72
 Carbazole
 Concen: 29.983 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

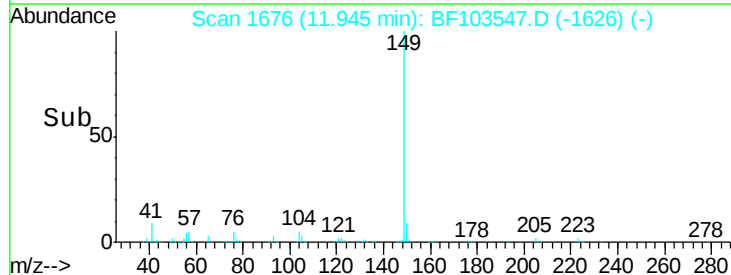
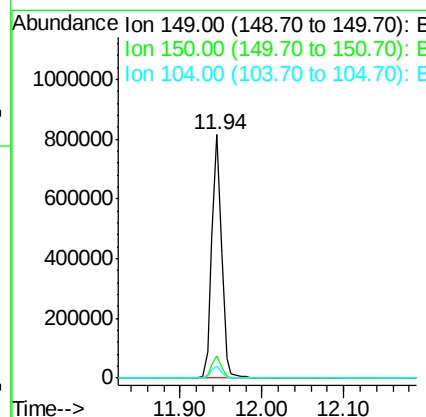
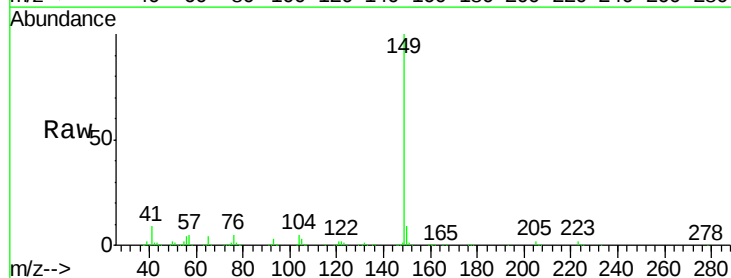
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

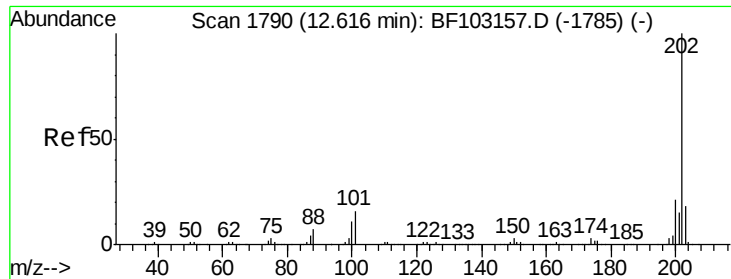
Tot Ion:167 Resp: 519420
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.3 10.9 16.3



#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

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

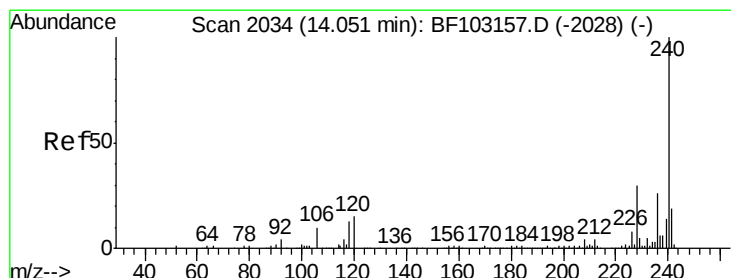
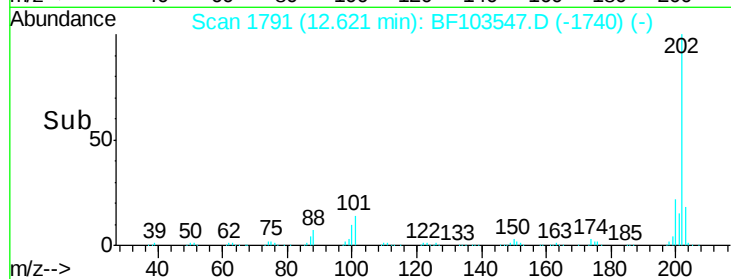
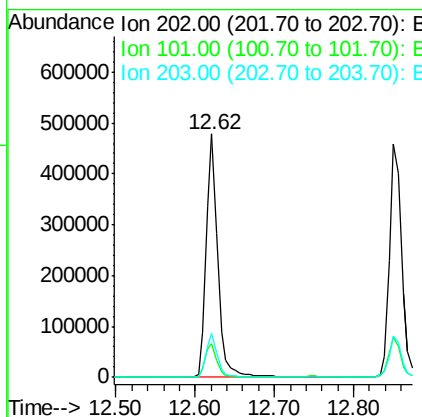
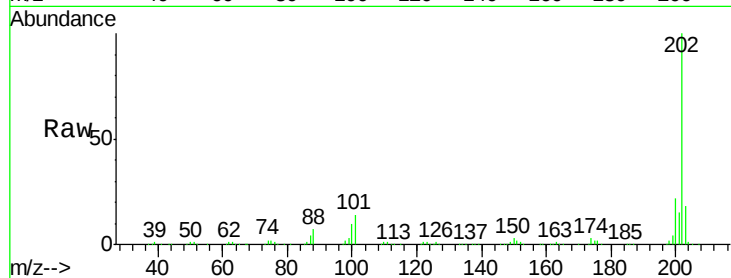




#74
 Fluoranthene
 Concen: 28.830 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

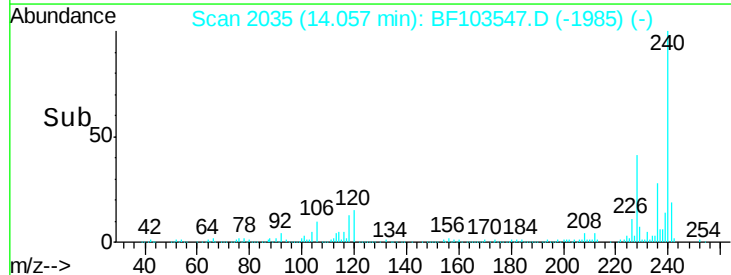
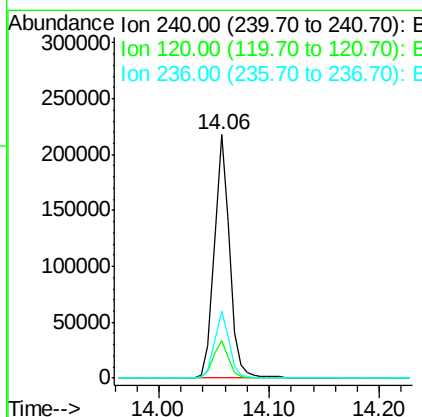
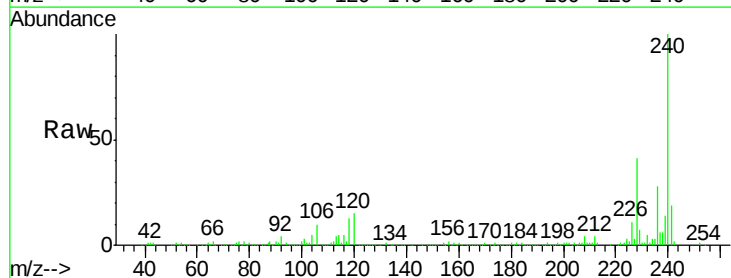
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

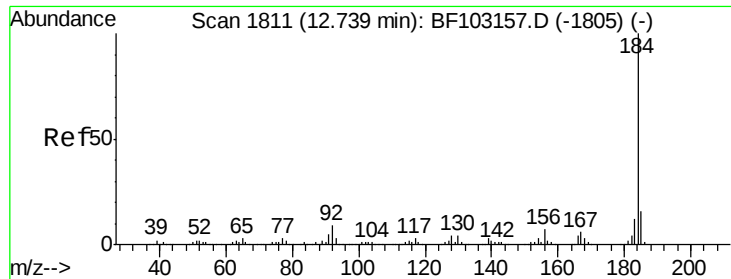
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.9	0.0	38.1



#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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	27.6	20.7	31.1

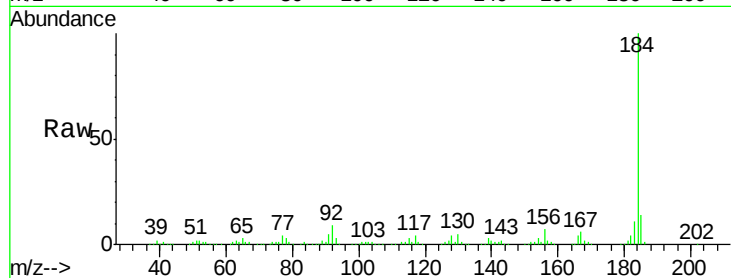




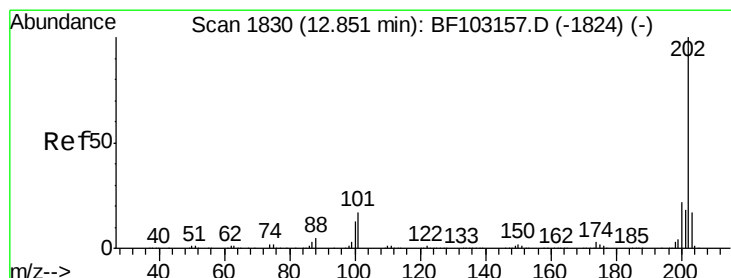
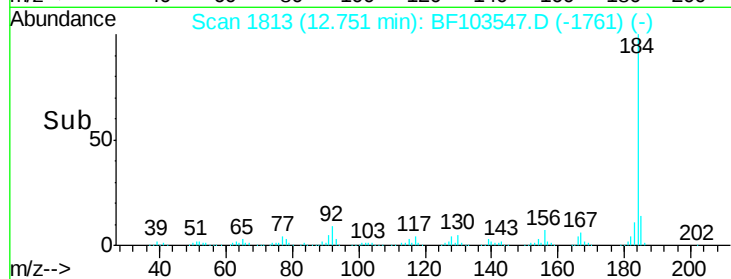
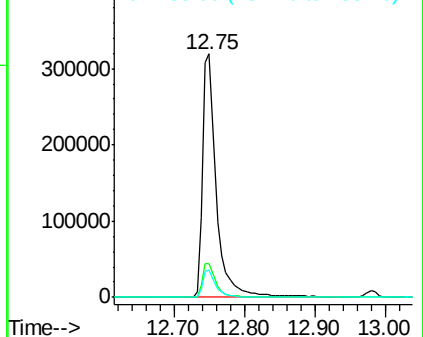
#76
Benzidine
Concen: 55.638 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

Instrument :
BNA_F
ClientSampleId :
PB107179BSD

Tot Ion:184 Resp: 434212
Ion Ratio Lower Upper
184 100
185 14.0 12.6 18.8
183 11.5 9.3 13.9

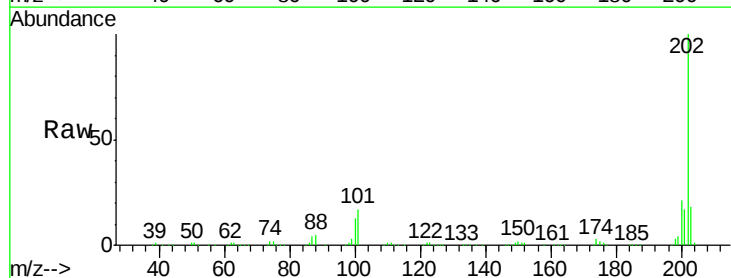


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

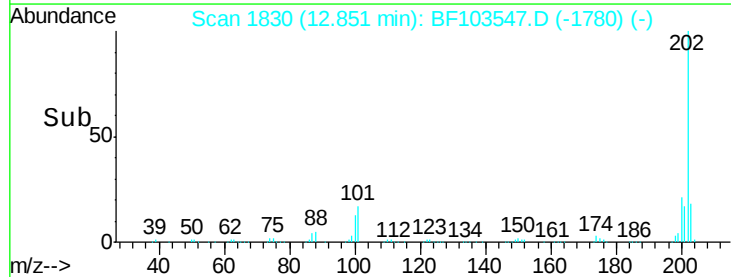
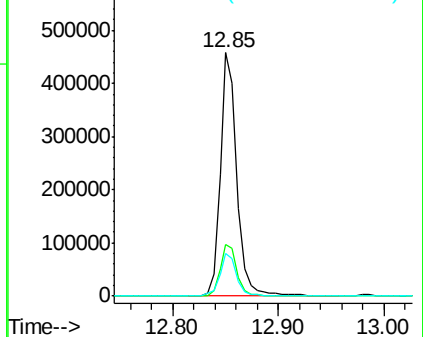


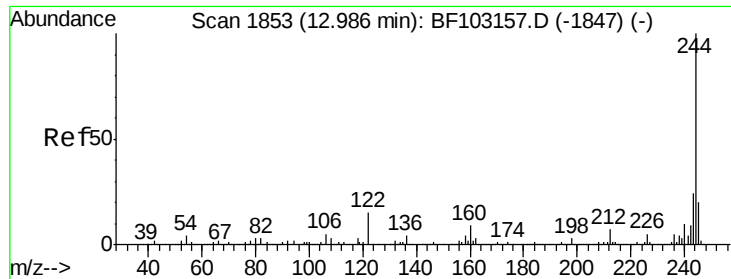
#77
Pyrene
Concen: 30.590 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

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



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

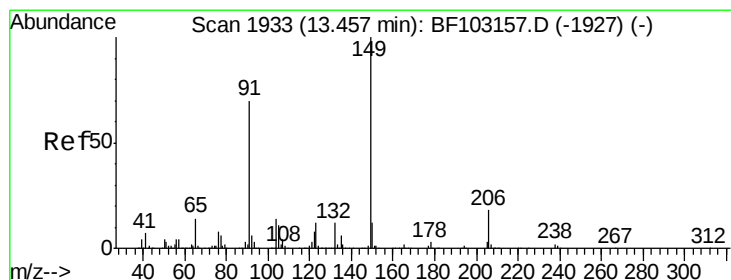
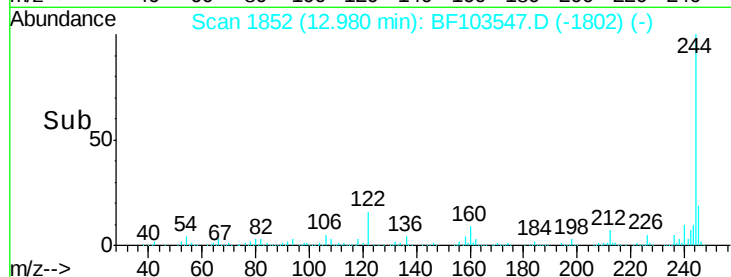
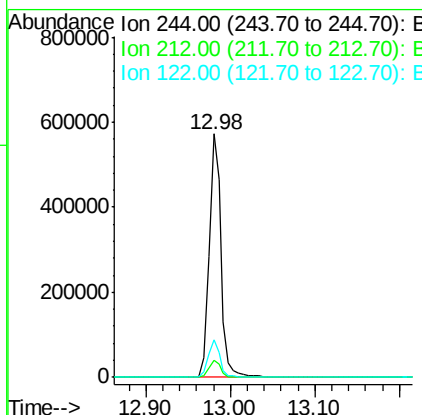
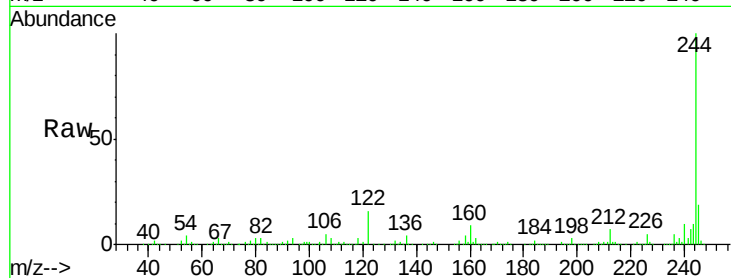




#78
 Terphenyl-d14
 Concen: 64.836 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103547.D
 Acq: 9 Mar 2018 6:03

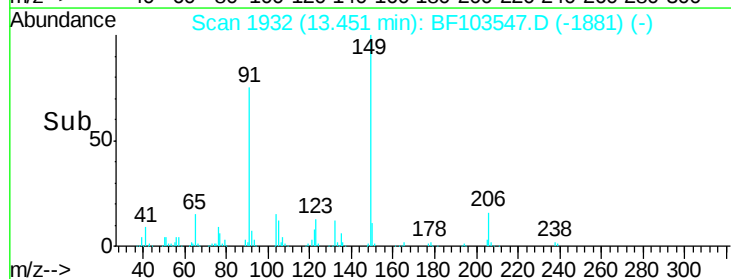
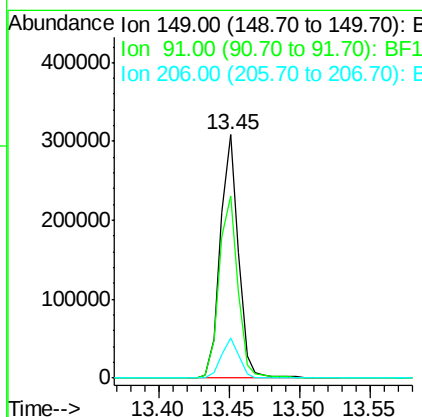
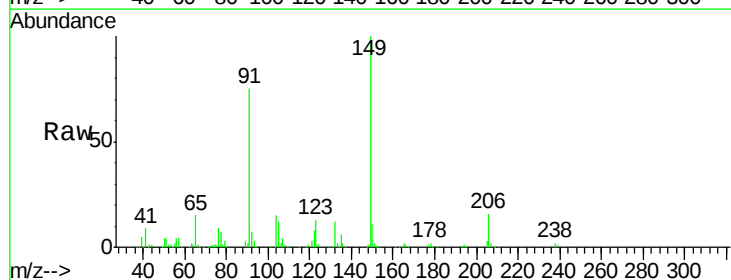
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BSD

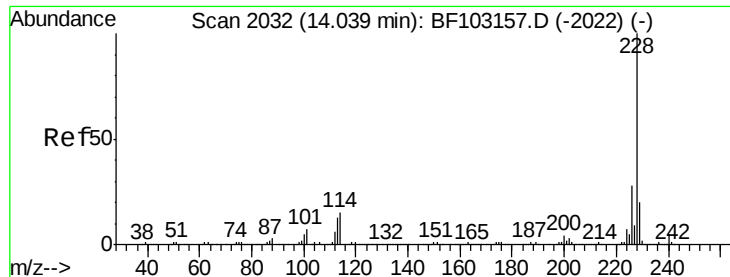
Tot Ion:244 Resp: 563040
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.7 11.0 16.4



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PB107179BSD

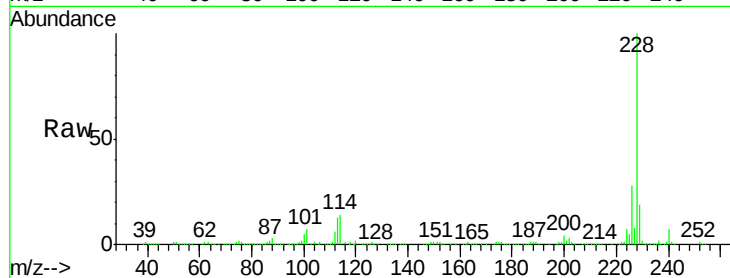
Tot Ion:228 Resp: 385646

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

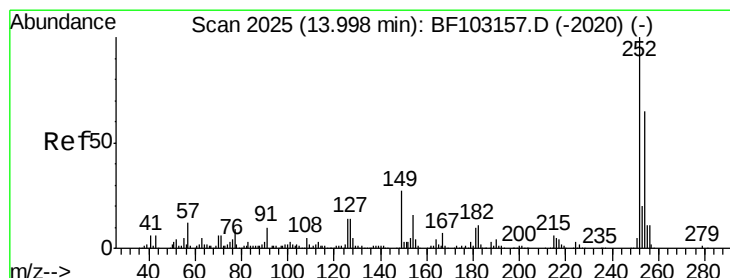
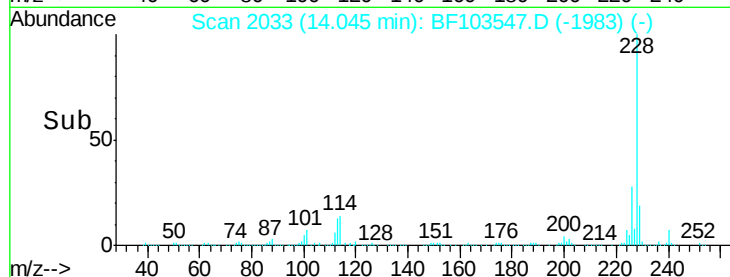
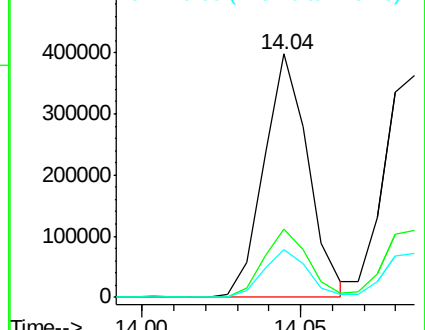
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 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

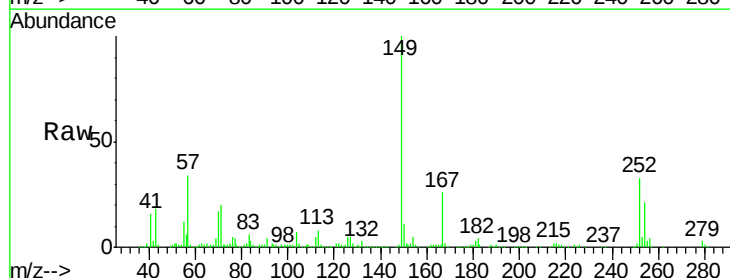
Tgt Ion:252 Resp: 153259

Ion Ratio Lower Upper

252 100

254 63.8 50.4 75.6

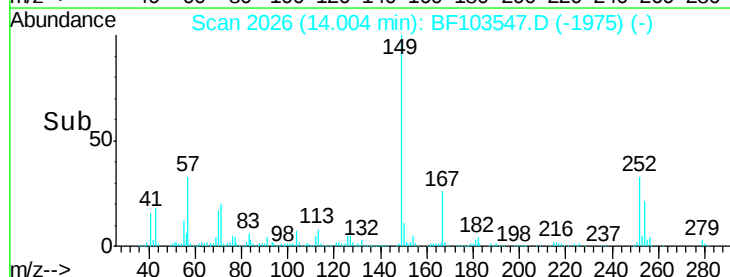
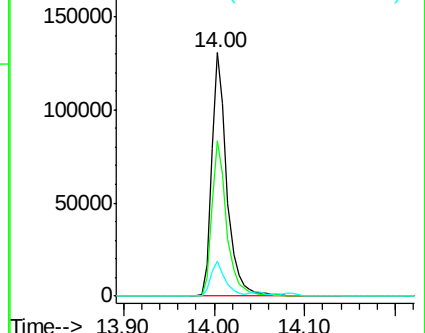
126 14.4 11.3 16.9

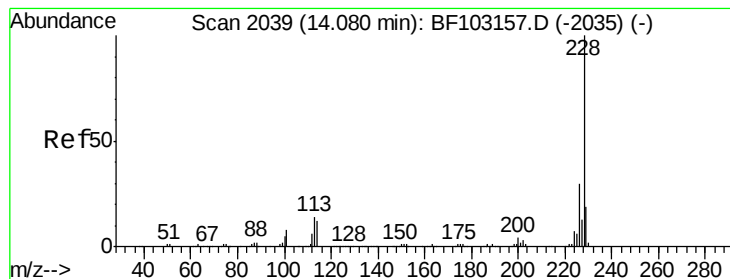


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

PB107179BSD

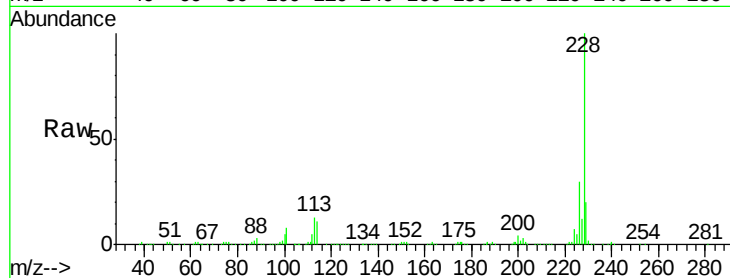
Tot Ion:228 Resp: 398211

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

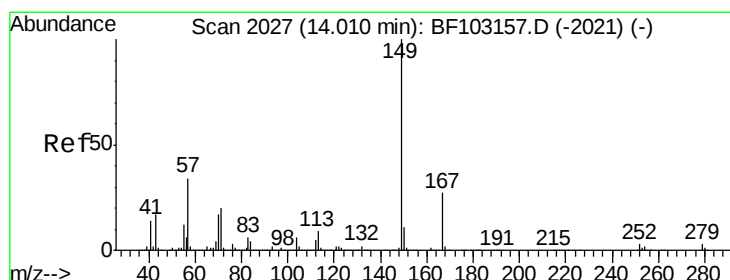
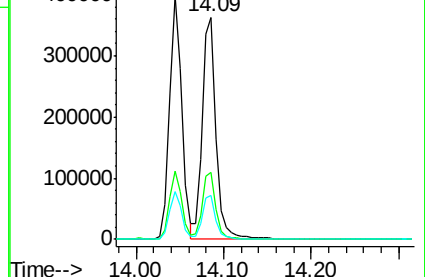
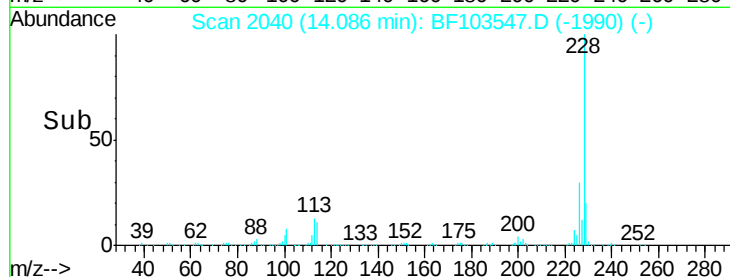
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 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

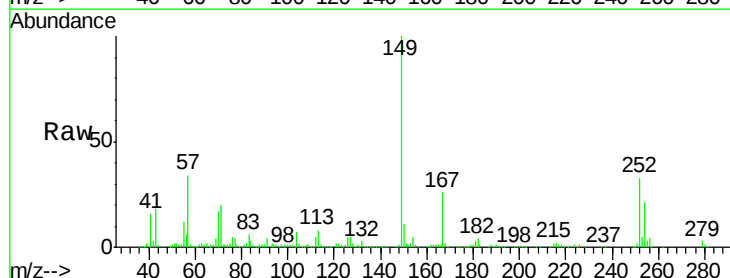
Tgt Ion:149 Resp: 352363

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

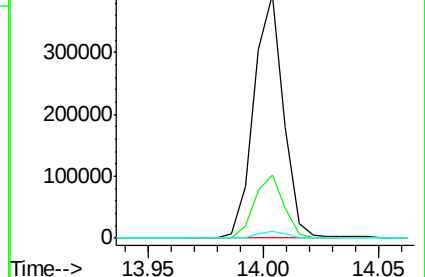
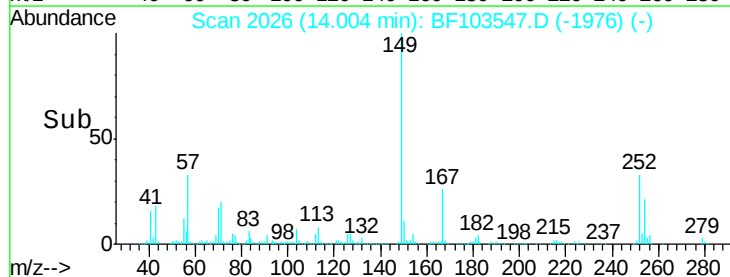
279 2.9 3.0 4.4#

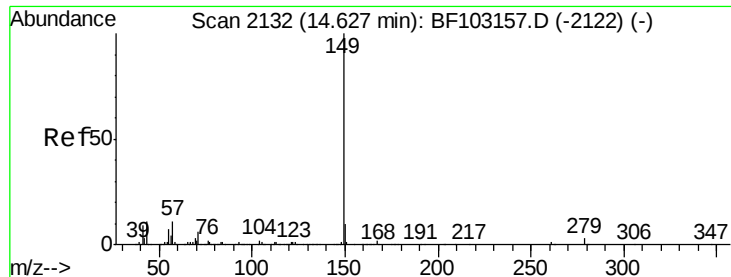


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

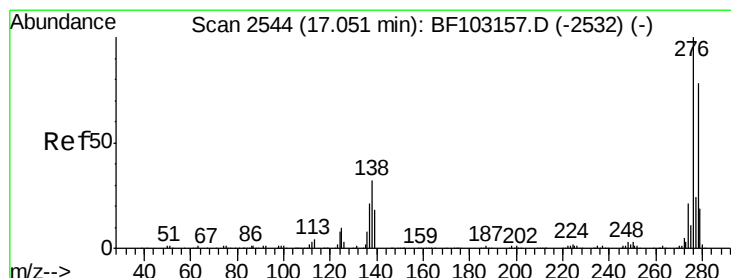
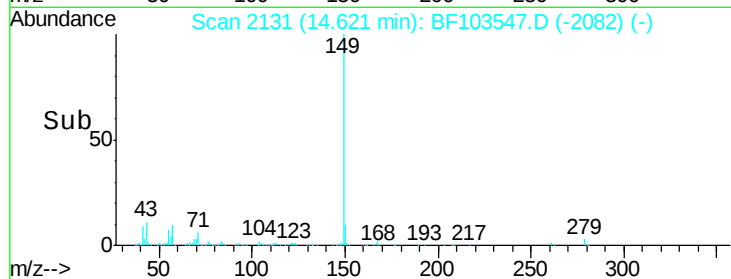
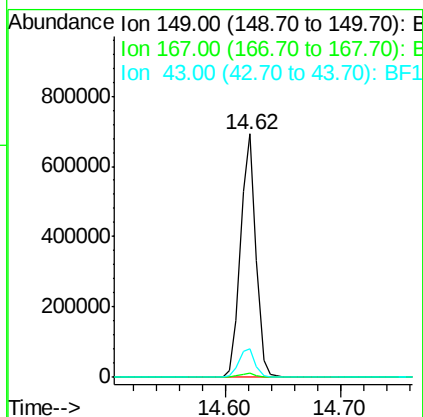
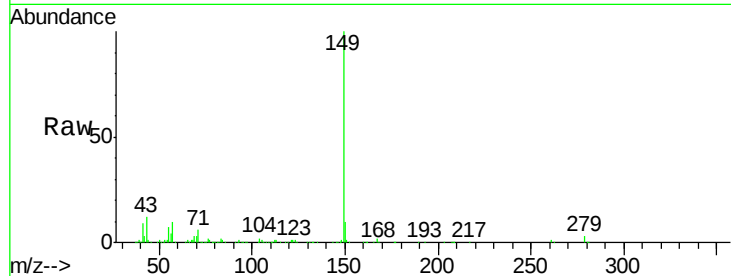




#84
Di-n-octyl phthalate
Concen: 34.053 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

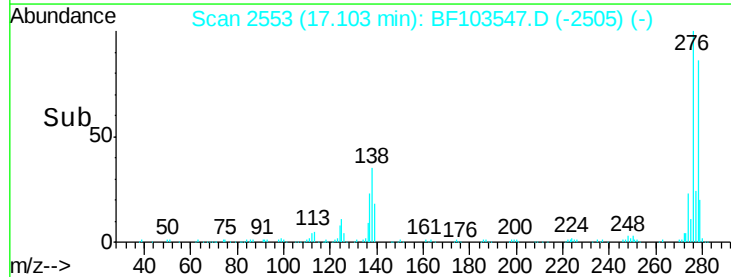
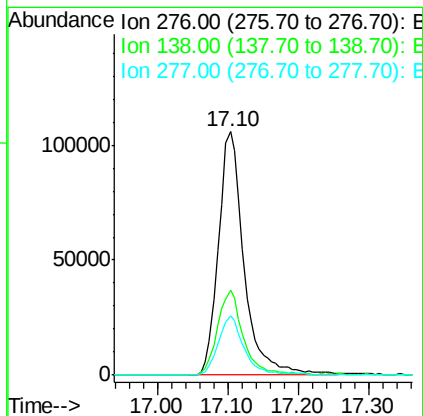
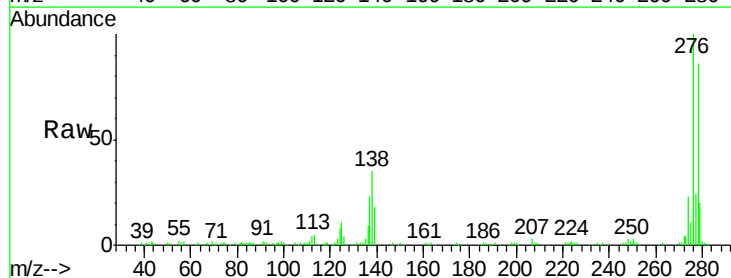
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

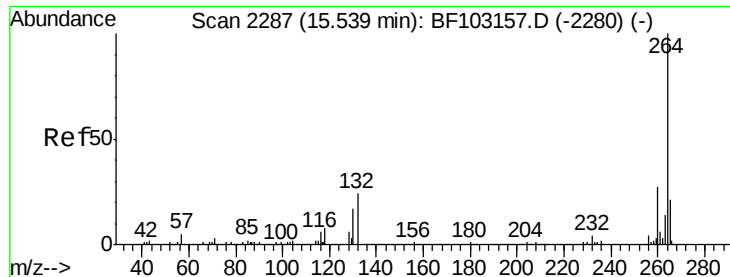
Tot Ion:149 Resp: 638452
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.9 8.4 12.6



#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

Tgt Ion:276 Resp: 267328
Ion Ratio Lower Upper
276 100
138 35.2 25.0 37.6
277 24.5 20.1 30.1

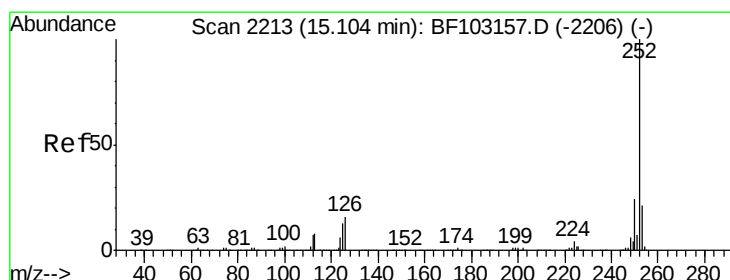
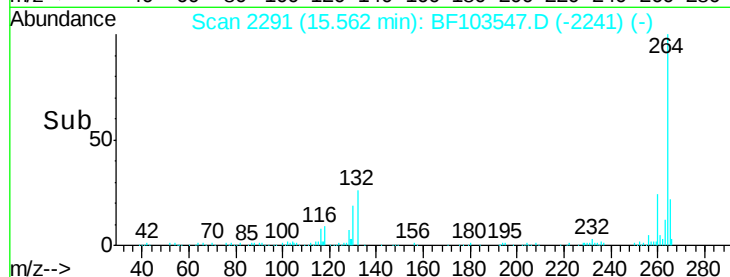
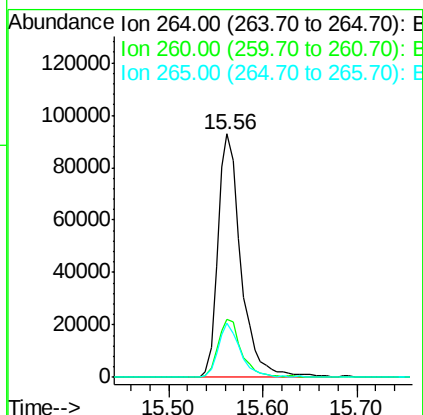
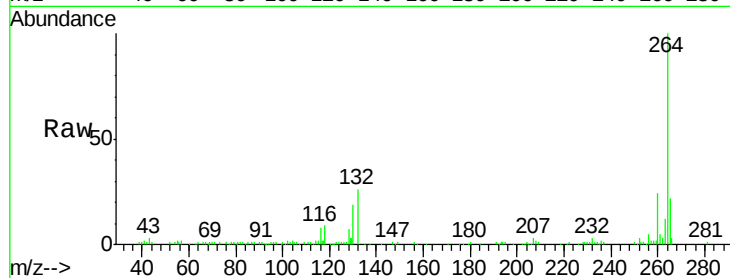




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

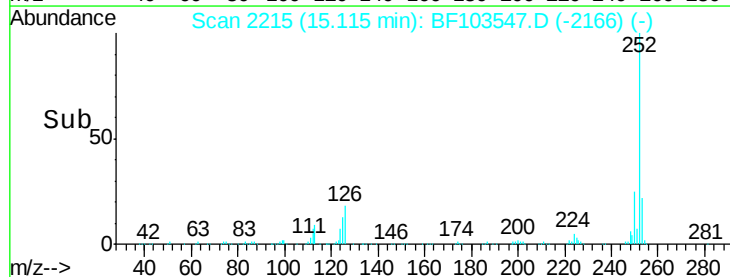
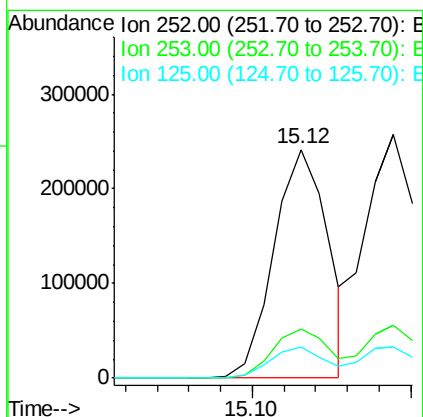
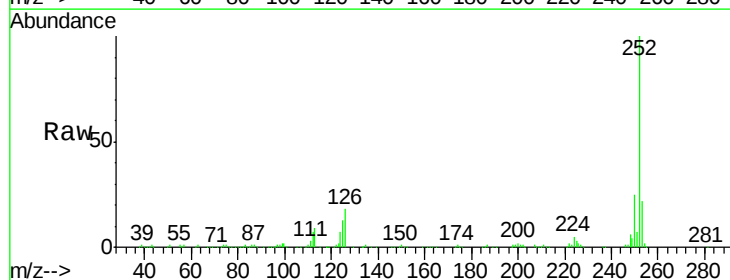
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

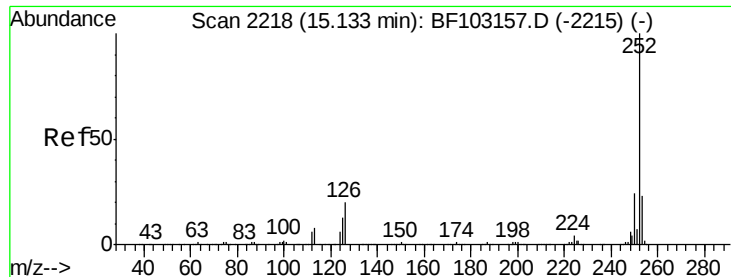
Tot Ion:264 Resp: 159235
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.4 17.5 26.3



#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

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

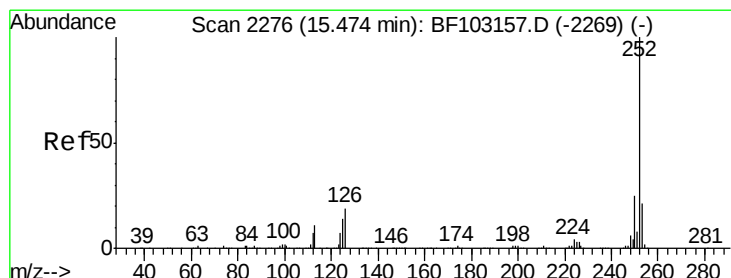
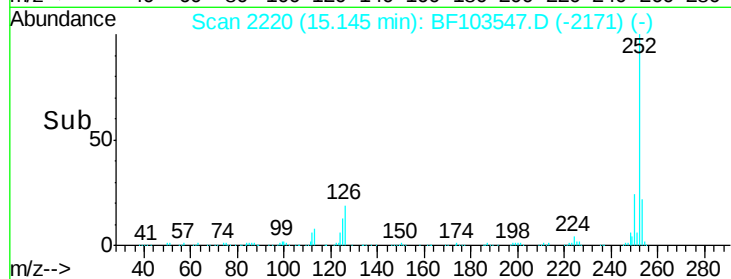
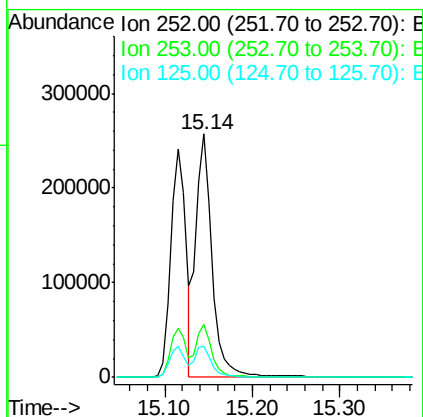
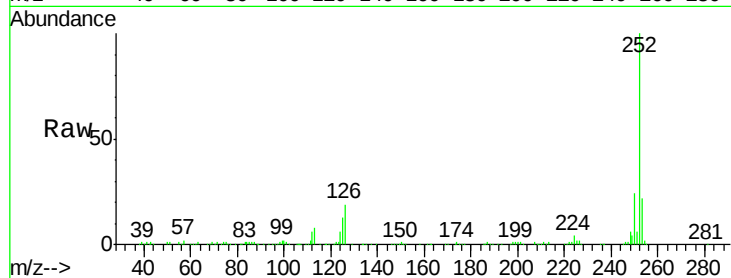




#88
Benzo(k)fluoranthene
Concen: 33.940 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103547.D
Acq: 9 Mar 2018 6:03

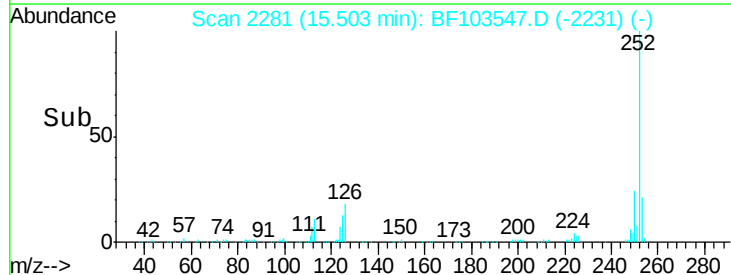
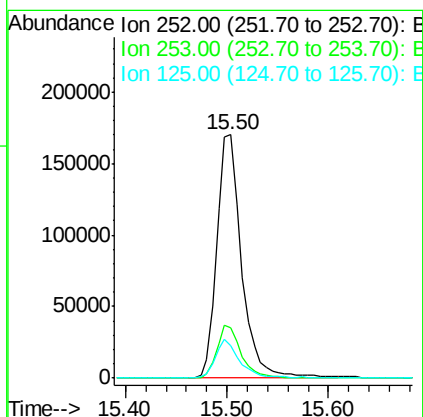
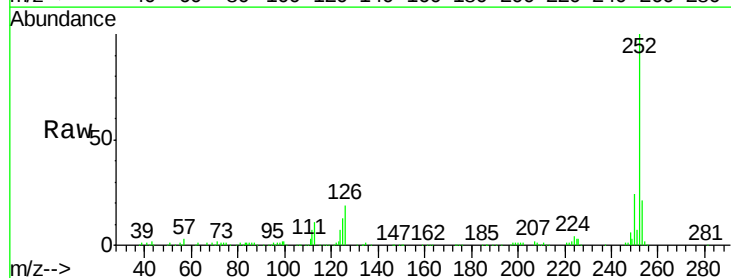
Instrument :
BNA_F
ClientSampleId :
PB107179BSD

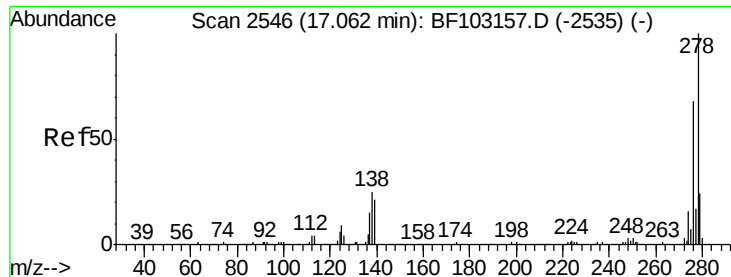
Tot Ion:252 Resp: 334604
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.8 10.2 15.2



#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

Tgt Ion:252 Resp: 289310
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 13.4 9.8 14.6





#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

Instrument :

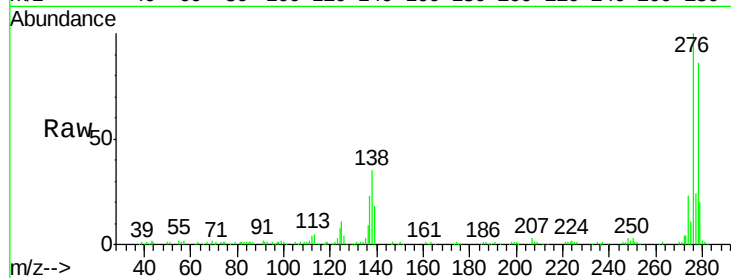
BNA_F

ClientSampleId :

PB107179BSD

Tot Ion:278 Resp: 228177

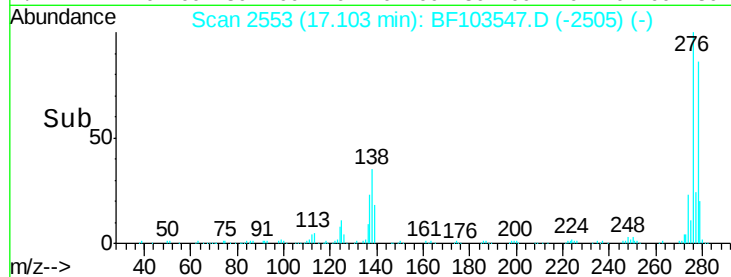
Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	23.2	19.0	28.4



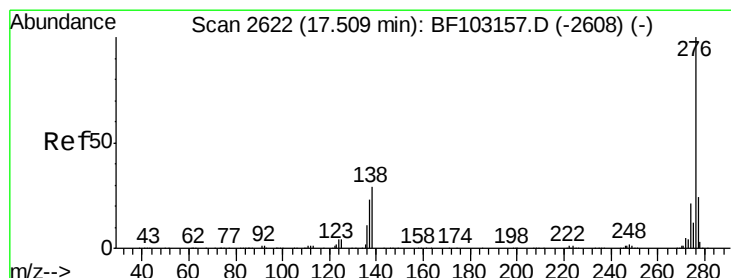
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 31.188 ng

RT: 17.57 min Scan# 2633

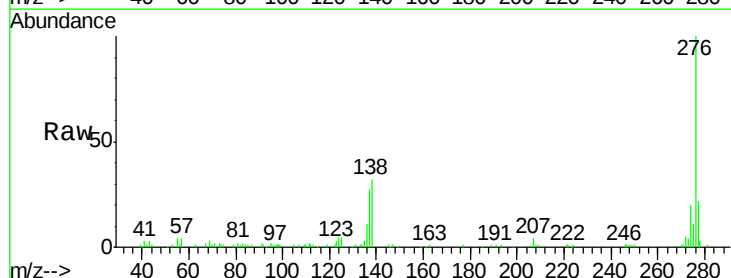
Delta R.T. -0.01 min

Lab File: BF103547.D

Acq: 9 Mar 2018 6:03

Tgt Ion:276 Resp: 220208

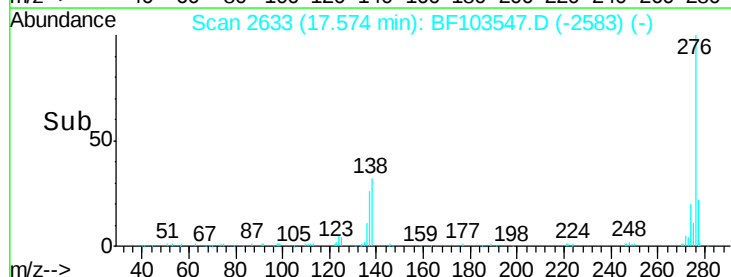
Ion	Ratio	Lower	Upper
276	100		
277	21.9	17.9	26.9
138	31.5	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->