

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103546.D
 Acq On : 9 Mar 2018 5:37
 Operator : SJ/JU
 Sample : PB107179BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

Quant Time: Mar 09 06:44:49 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	138497	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	569889	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224343	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	341555	20.00	ng	0.00
75) Chrysene-d12	14.06	240	227820	20.00	ng	0.00
86) Perylene-d12	15.56	264	177939	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	755504	82.50	ng	0.00
7) Phenol-d6	6.50	99	865615	77.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	775094	77.67	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	112362	59.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1088403	83.13	ng	0.00
78) Terphenyl-d14	12.99	244	742791	78.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	153619	31.762	ng	97
3) Pyridine	3.49	79	384666	29.791	ng	99
4) n-Nitrosodimethylamine	3.44	42	199407	38.293	ng	# 88
6) Aniline	6.53	93	234436	14.497	ng	# 52
8) 2-Chlorophenol	6.66	128	370018	38.897	ng	96
9) Benzaldehyde	6.42	77	216249	29.417	ng	96
10) Phenol	6.52	94	474007	36.439	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	372367	37.716	ng	92
12) 1,3-Dichlorobenzene	6.80	146	384495	35.369	ng	97
13) 1,4-Dichlorobenzene	6.88	146	408951	37.521	ng	99
14) 1,2-Dichlorobenzene	7.03	146	357516	35.574	ng	99
15) Benzyl Alcohol	7.02	79	284372	33.678	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	585253	34.521	ng	62
17) 2-Methylphenol	7.13	107	308556	35.692	ng	# 85
18) Hexachloroethane	7.37	117	113027	28.487	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	272904	39.133	ng	93
20) 3+4-Methylphenols	7.29	107	414510	39.334	ng	# 76
22) Acetophenone	7.27	105	518855	39.005	ng	# 92
24) Nitrobenzene	7.45	77	420099	38.236	ng	93
25) Isophorone	7.69	82	777184	39.544	ng	96
26) 2-Nitrophenol	7.77	139	166455	32.182	ng	94
27) 2,4-Dimethylphenol	7.80	122	318286	40.259	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	474174	41.035	ng	98
29) 2,4-Dichlorophenol	8.02	162	298984	39.500	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	280484	34.798	ng	97
31) Naphthalene	8.17	128	1034522	37.079	ng	99
32) Benzoic acid	7.94	122	108109	22.691	ng	95
33) 4-Chloroaniline	8.23	127	132273	10.986	ng	# 93
34) Hexachlorobutadiene	8.27	225	139921	33.335	ng	100
35) Caprolactam	8.60	113	95086	35.743	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	321707	37.682	ng	97
37) 2-Methylnaphthalene	8.86	142	636064	35.275	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	231489	37.744	ng	98
40) Hexachlorocyclopentadiene	9.00	237	1190	9.371	ng	81

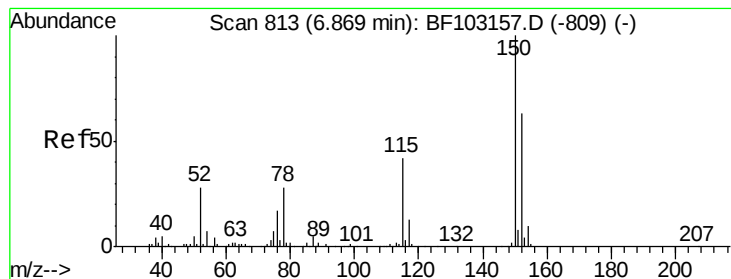
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103546.D
 Acq On : 9 Mar 2018 5:37
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	153775	37.262	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	158127	33.315	nq	94
45) 1,1'-Biphenyl	9.32	154	701170	37.299	nq	98
46) 2-Chloronaphthalene	9.36	162	558002	37.519	nq	98
47) 2-Nitroaniline	9.46	65	245183	44.506	nq	86
48) Acenaphthylene	9.77	152	807553	35.291	nq	99
49) Dimethylphthalate	9.62	163	647160	35.959	nq	99
50) 2,6-Dinitrotoluene	9.70	165	124045	32.844	nq #	77
51) Acenaphthene	9.94	154	465808	34.910	nq	98
52) 3-Nitroaniline	9.87	138	117506	24.523	nq	97
53) 2,4-Dinitrophenol	10.03	184	3758	12.045	nq #	38
54) Dibenzofuran	10.12	168	675686	36.889	nq	95
55) 4-Nitrophenol	10.06	139	124598	41.956	nq #	81
56) 2,4-Dinitrotoluene	10.11	165	140807	29.479	nq #	56
57) Fluorene	10.46	166	527668	33.817	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	106657	33.451	nq #	94
59) Diethylphthalate	10.32	149	633714	36.816	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	240884	36.405	nq	97
61) 4-Nitroaniline	10.50	138	151416	31.637	nq	99
62) Azobenzene	10.60	77	660793	37.715	nq	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	5828	7.461	nq #	61
65) n-Nitrosodiphenylamine	10.56	169	470766	39.585	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	131761	37.032	nq	99
67) Hexachlorobenzene	11.01	284	129435	33.516	nq	98
68) Atrazine	11.09	200	132864	37.170	nq	98
69) Pentachlorophenol	11.22	266	81095	43.430	nq	99
70) Phenanthrene	11.43	178	676363	35.983	nq	99
71) Anthracene	11.48	178	728549	37.798	nq	99
72) Carbazole	11.64	167	706631	36.814	nq	99
73) Di-n-butylphthalate	11.94	149	917587	38.204	nq	99
74) Fluoranthene	12.62	202	666082	35.263	nq	99
76) Benzidine	12.75	184	579749	68.069	nq	98
77) Pyrene	12.85	202	666264	37.510	nq	100
79) Butylbenzylphthalate	13.45	149	371550	39.592	nq	95
80) Benzo(a)anthracene	14.04	228	536183	36.273	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	196652	37.278	nq	98
82) Chrysene	14.09	228	524760	36.562	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	464509	36.679	nq #	98
84) Di-n-octyl phthalate	14.62	149	855641	41.818	nq	96
85) Indeno(1,2,3-cd)pyrene	17.10	276	368887	32.465	nq	97
87) Benzo(b)fluoranthene	15.12	252	421366	36.016	nq	96
88) Benzo(k)fluoranthene	15.14	252	428904	38.932	nq	99
89) Benzo(a)pyrene	15.50	252	396061	37.910	nq #	97
90) Dibenzo(a,h)anthracene	17.10	278	316386	39.191	nq	98
91) Benzo(g,h,i)perylene	17.57	276	311347	39.461	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

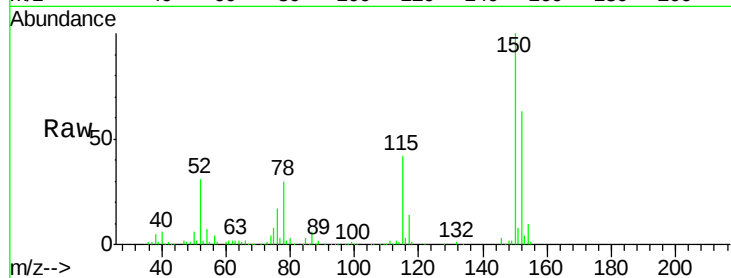
Tot Ion:152 Resp: 138497

Ion Ratio Lower Upper

152 100

150 159.1 124.6 186.8

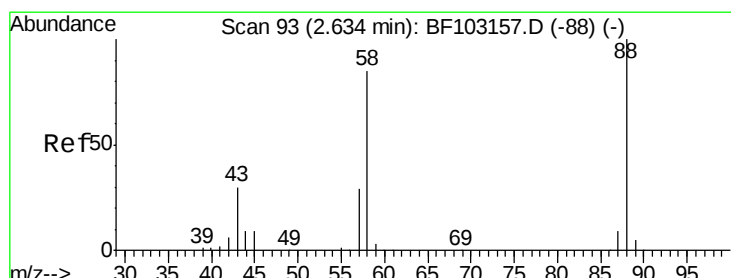
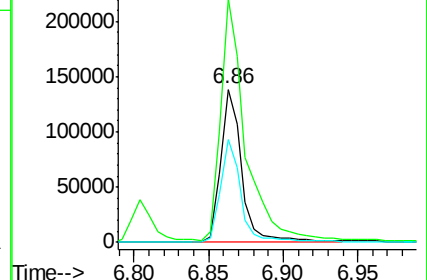
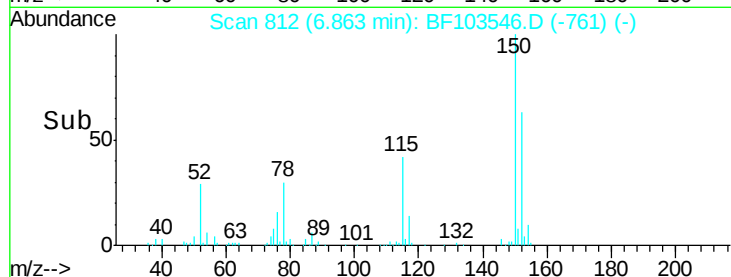
115 67.0 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.762 ng

RT: 2.69 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

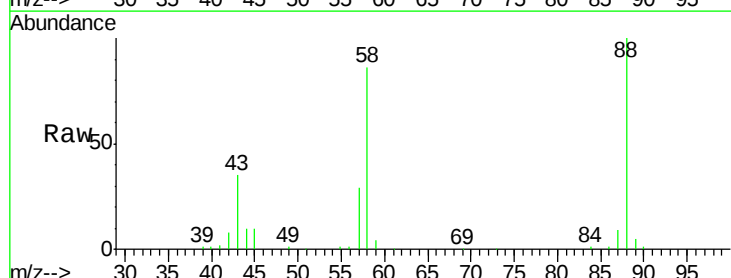
Tgt Ion: 88 Resp: 153619

Ion Ratio Lower Upper

88 100

58 82.0 62.6 93.8

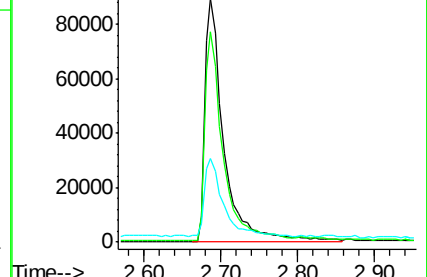
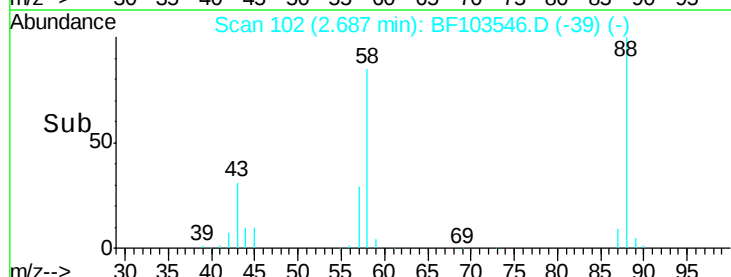
43 31.4 24.6 37.0

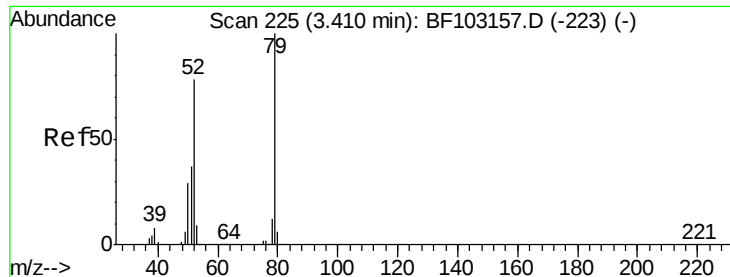


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

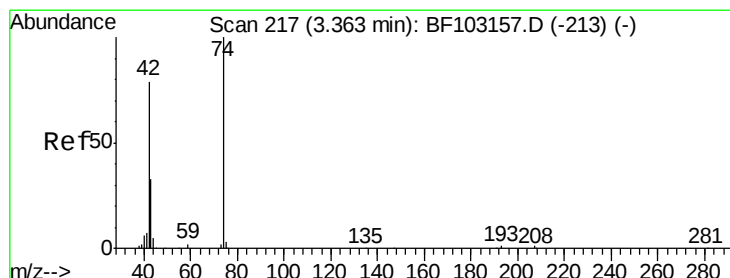
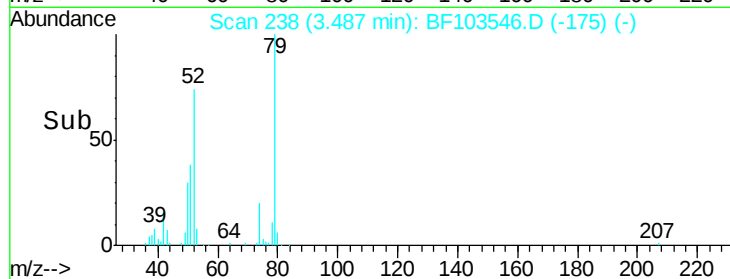
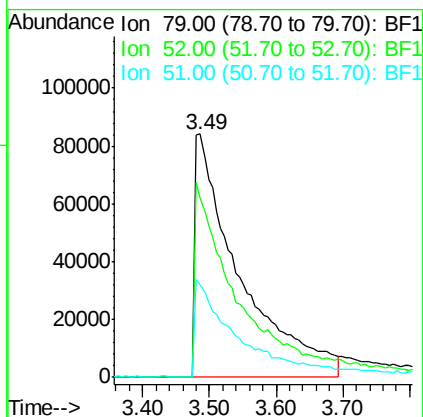
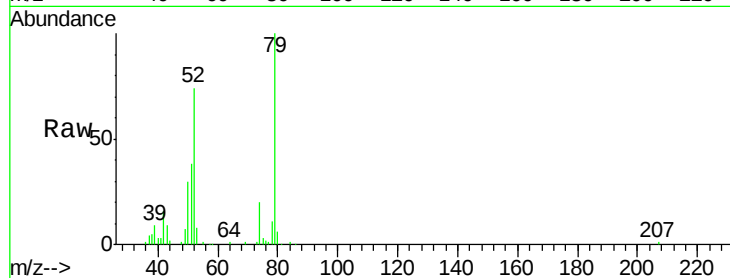




#3
 Pvridine
 Concen: 29.791 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.07 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

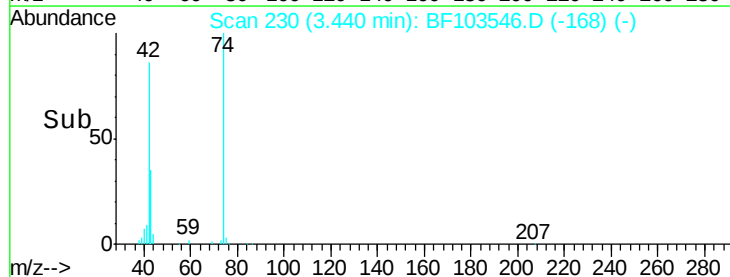
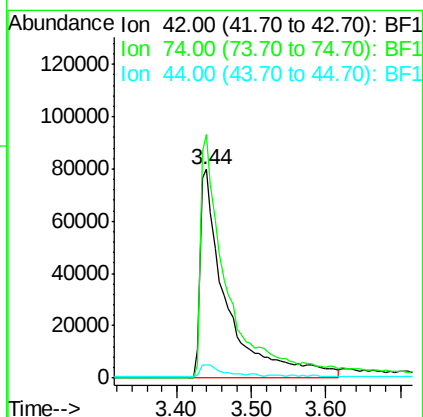
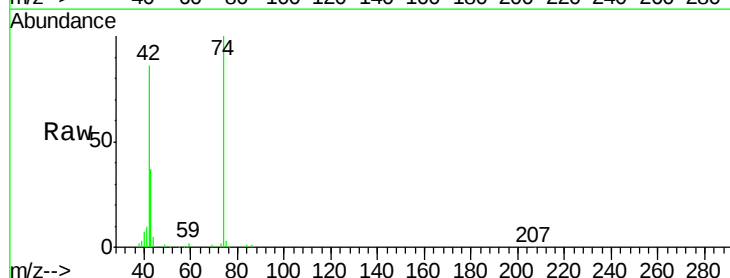
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

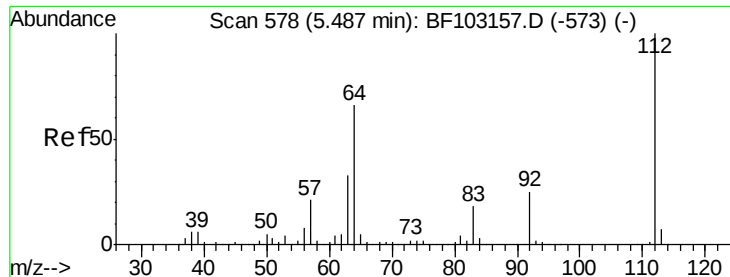
Tot Ion: 79 Resp: 384666
 Ion Ratio Lower Upper
 79 100
 52 73.8 59.8 89.6
 51 38.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.293 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.06 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion: 42 Resp: 199407
 Ion Ratio Lower Upper
 42 100
 74 116.8 104.9 157.3
 44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 82.503 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

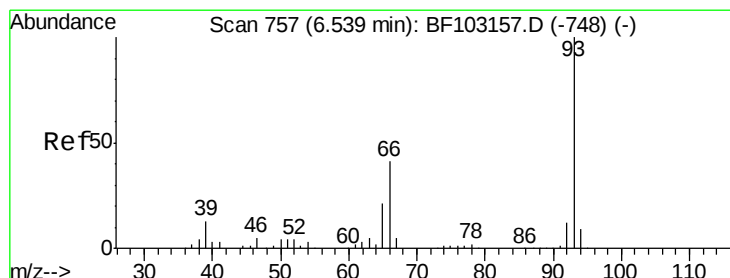
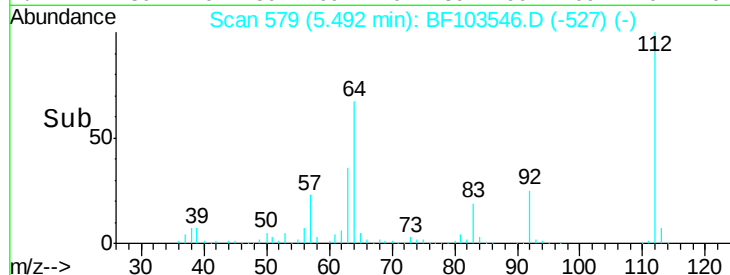
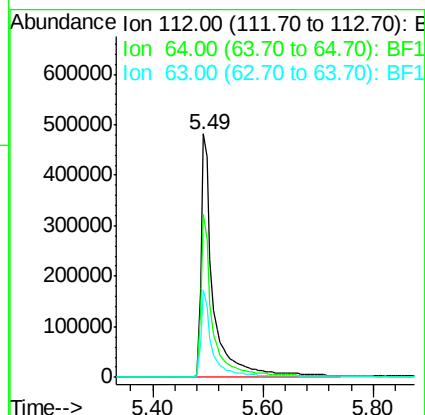
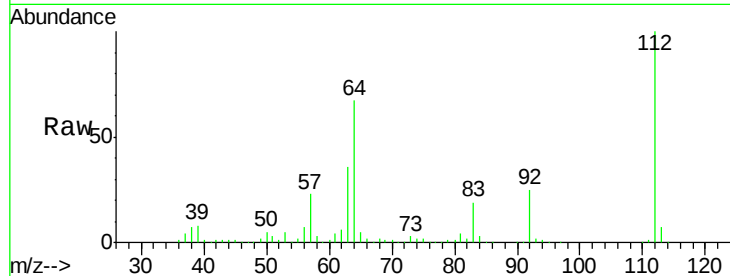
Instrument :

BNA_F

ClientSampleId :

PB107179BS

Tot Ion:	112	Resp:	755504
Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	35.8	23.7	35.5#



#6

Aniline

Concen: 14.497 ng

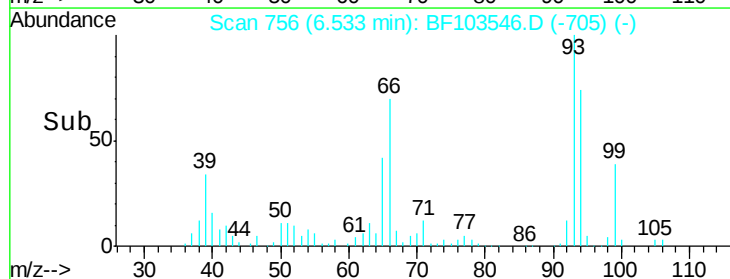
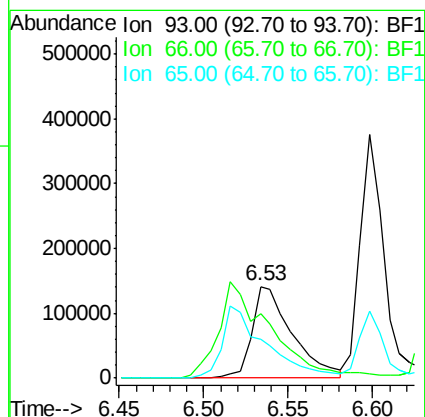
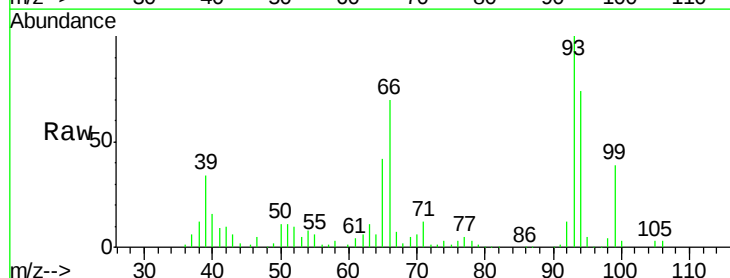
RT: 6.53 min Scan# 756

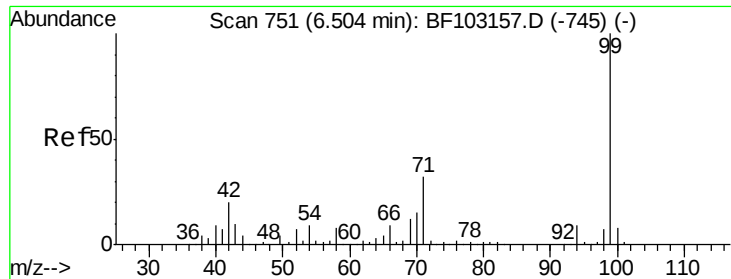
Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Tgt Ion:	93	Resp:	234436
Ion	Ratio	Lower	Upper
93	100		
66	69.9	32.2	48.2#
65	42.5	16.4	24.6#





#7

Phenol-d6

Concen: 77.251 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

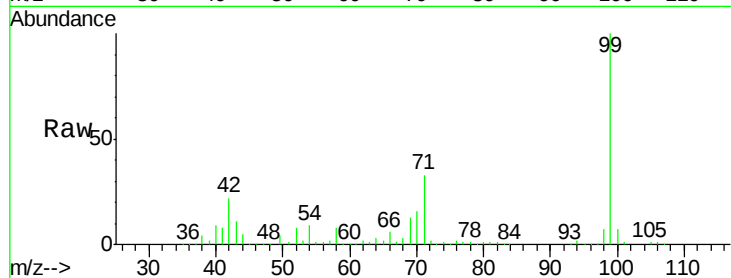
Tot Ion: 99 Resp: 865615

Ion Ratio Lower Upper

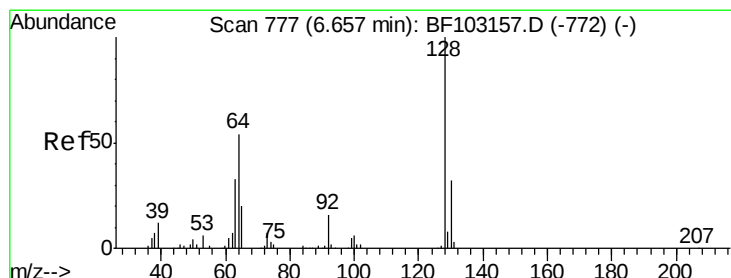
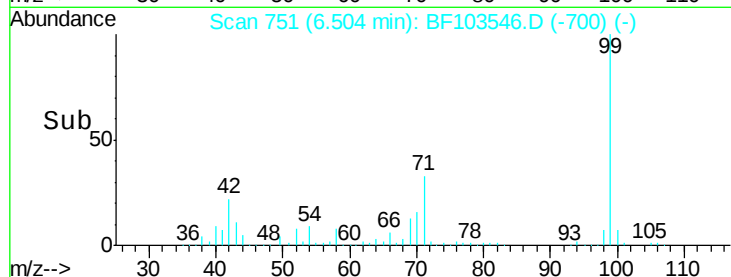
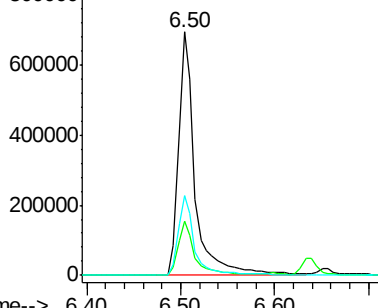
99 100

42 22.0 14.5 21.7#

71 33.0 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: 38.897 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

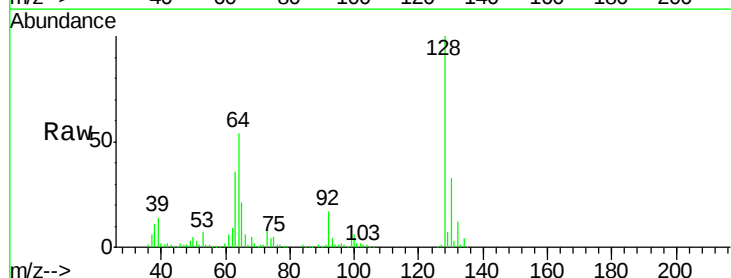
Tgt Ion: 128 Resp: 370018

Ion Ratio Lower Upper

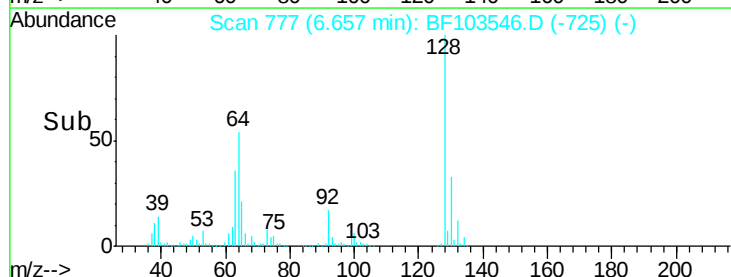
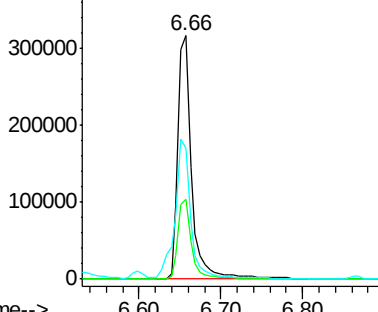
128 100

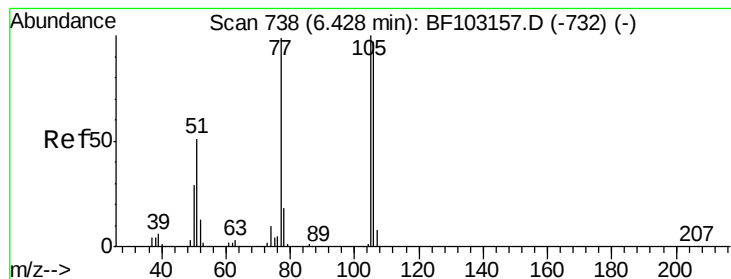
130 32.9 13.0 53.0

64 53.8 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: 29.417 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

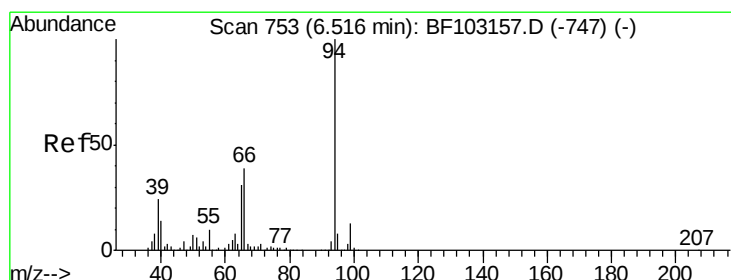
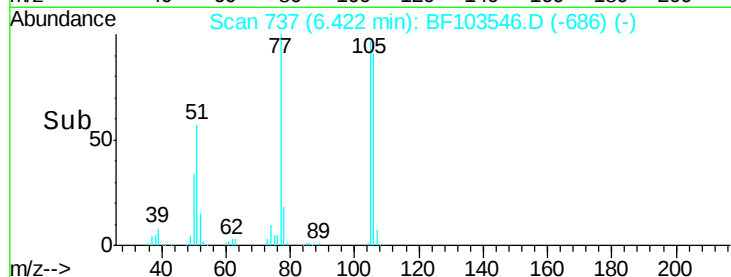
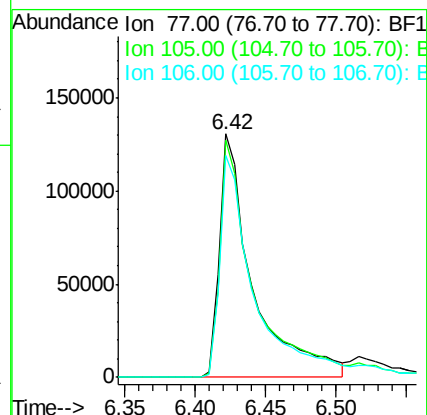
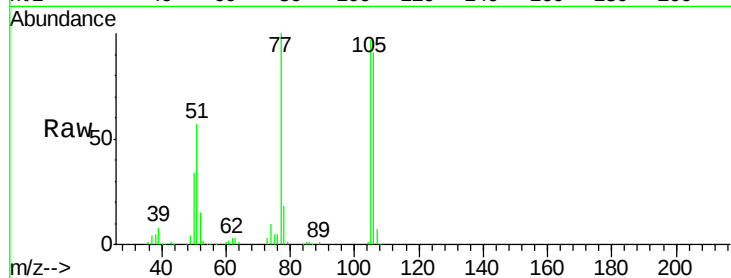
Tot Ion: 77 Resp: 216249

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

106 91.3 74.5 114.5



#10

Phenol

Concen: 36.439 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

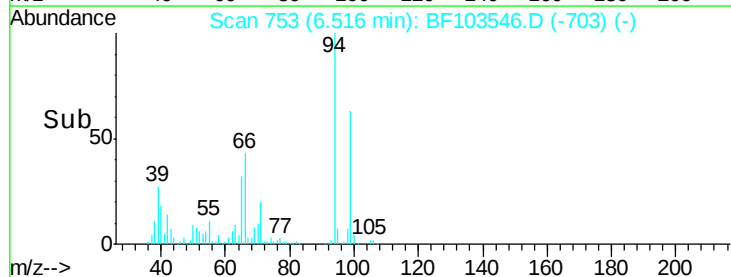
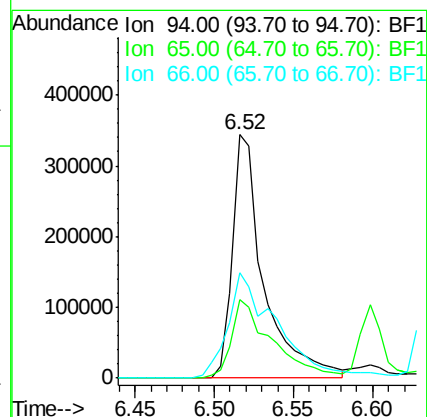
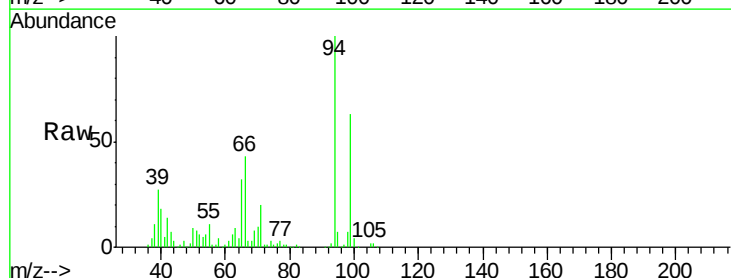
Tgt Ion: 94 Resp: 474007

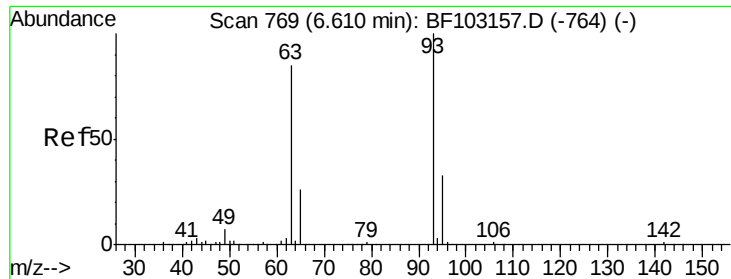
Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

66 43.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.716 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

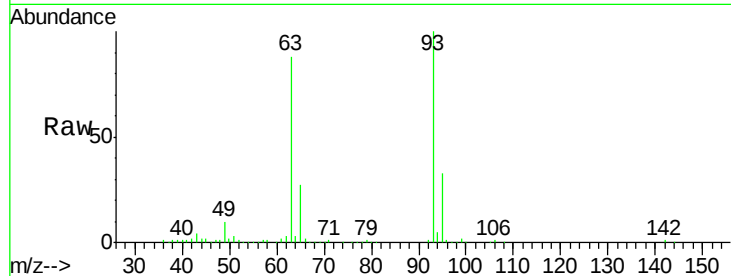
Tot Ion: 93 Resp: 372367

Ion Ratio Lower Upper

93 100

63 87.5 58.6 98.6

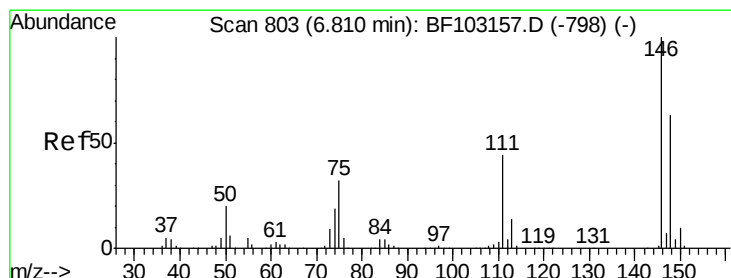
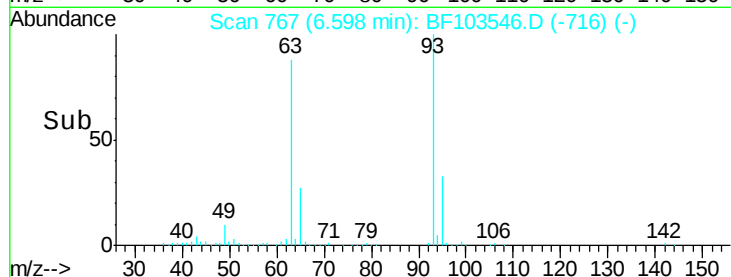
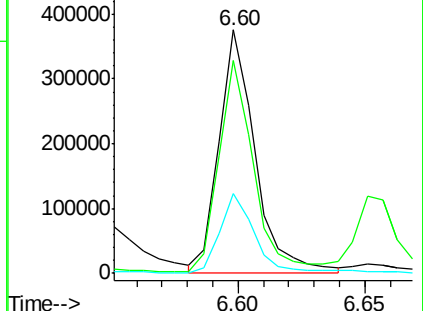
95 32.8 11.8 51.8



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: 35.369 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

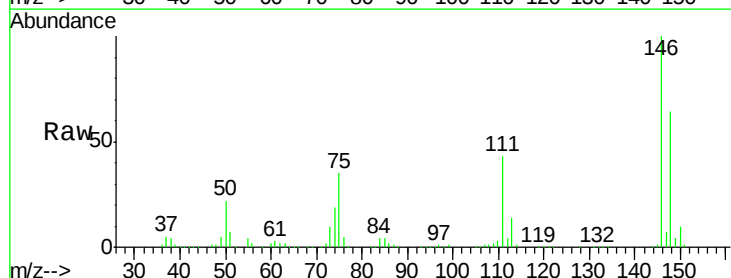
Tgt Ion: 146 Resp: 384495

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

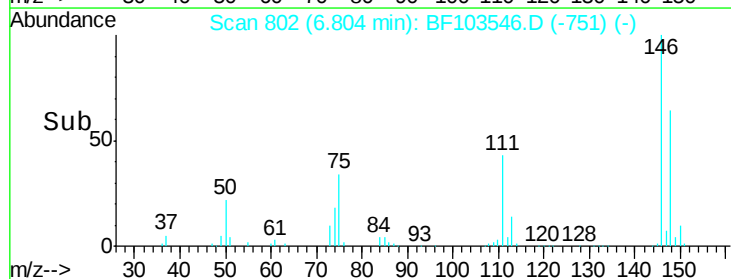
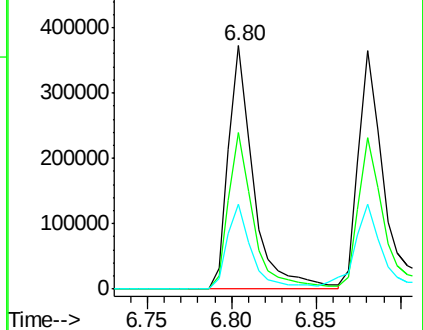
75 34.6 24.2 36.4

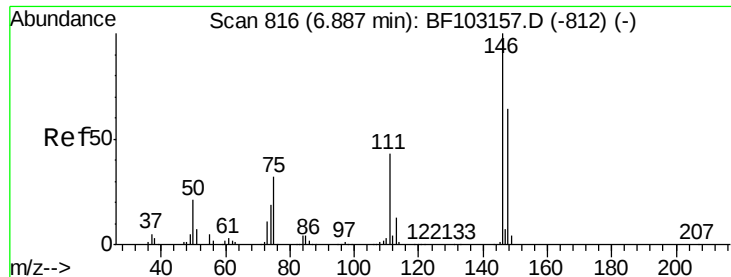


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

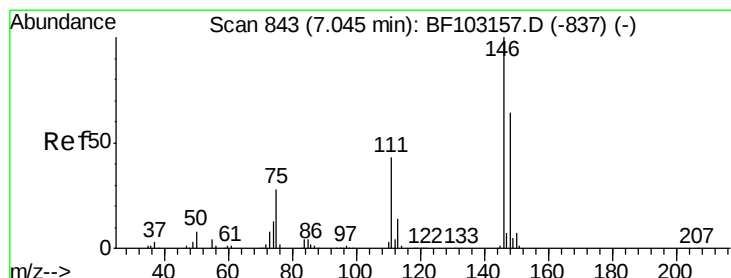
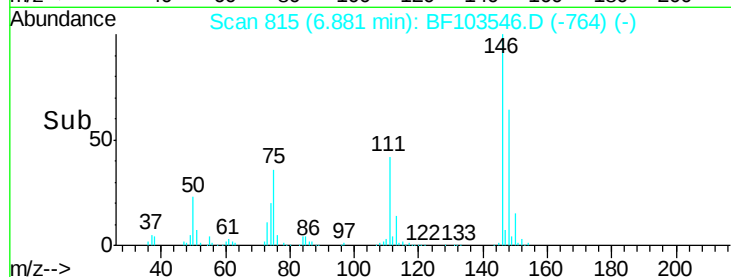
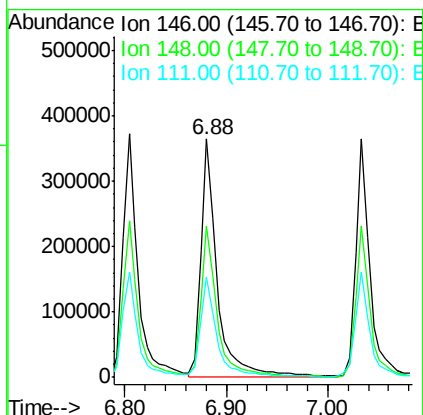
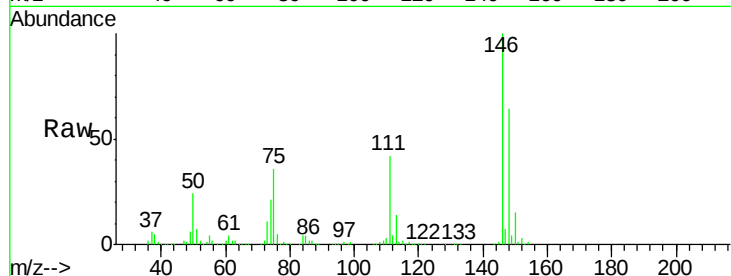




#13
 1,4-Dichlorobenzene
 Concen: 37.521 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

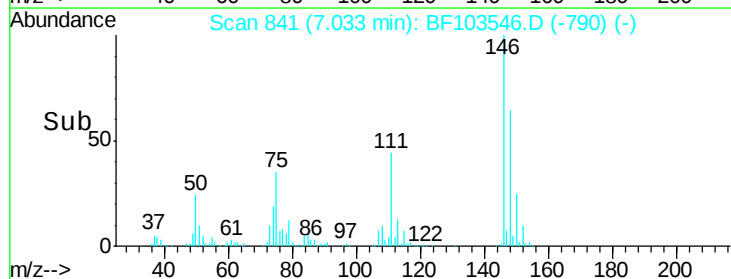
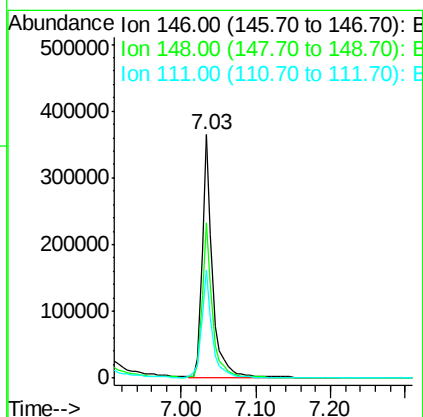
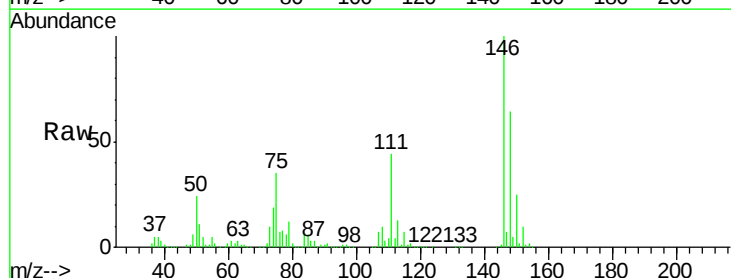
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

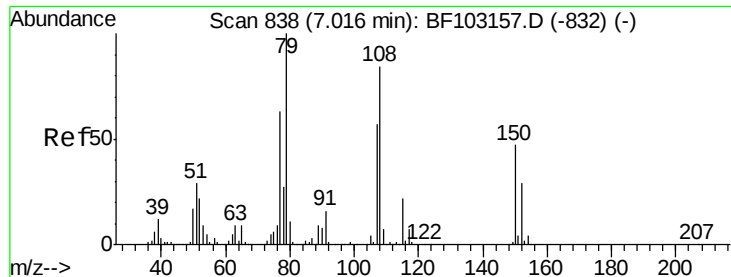
Tot Ion:146 Resp: 408951
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 42.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.574 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:146 Resp: 357516
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 44.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.678 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

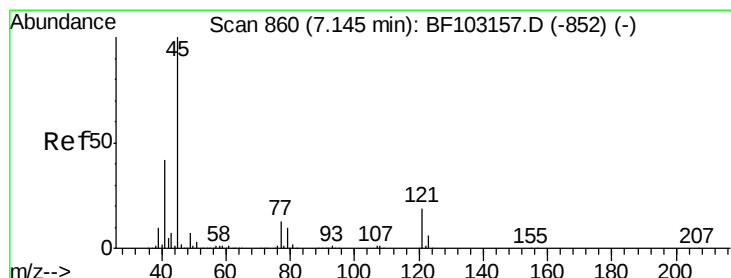
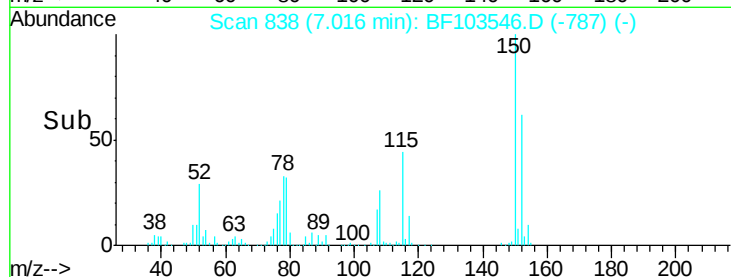
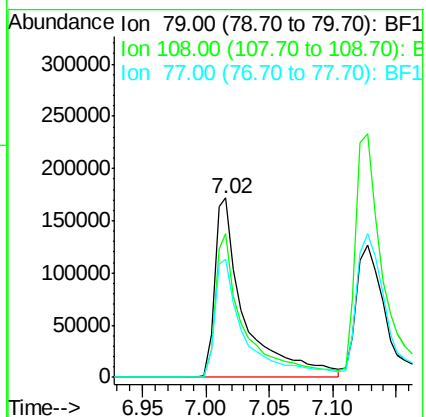
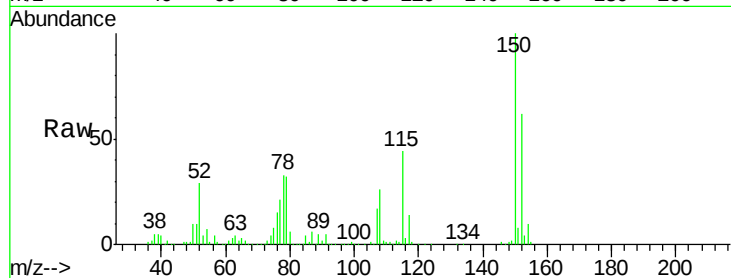
Tot Ion: 79 Resp: 284372

Ion Ratio Lower Upper

79 100

108 80.0 65.1 97.7

77 66.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.521 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

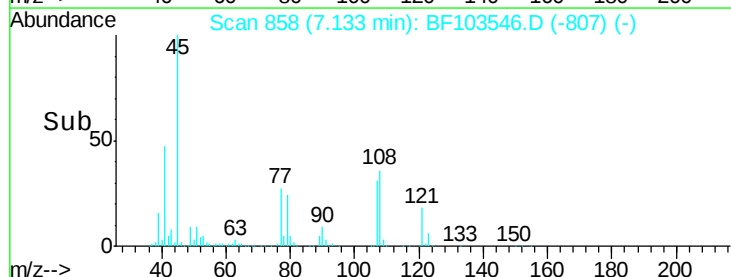
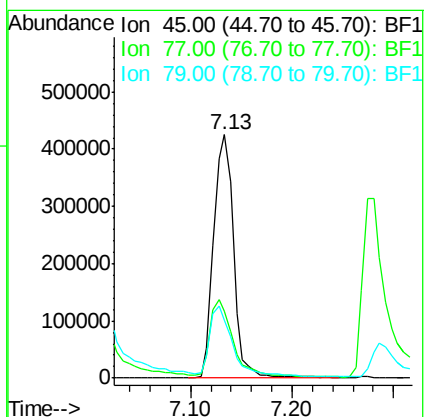
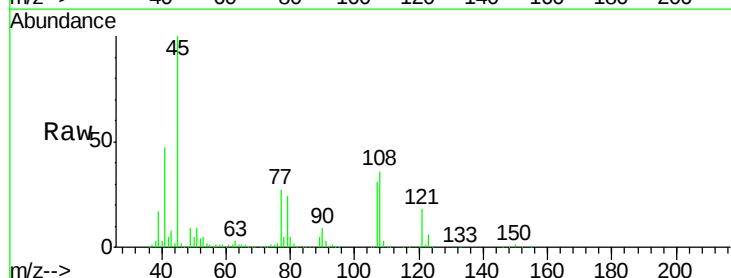
Tgt Ion: 45 Resp: 585253

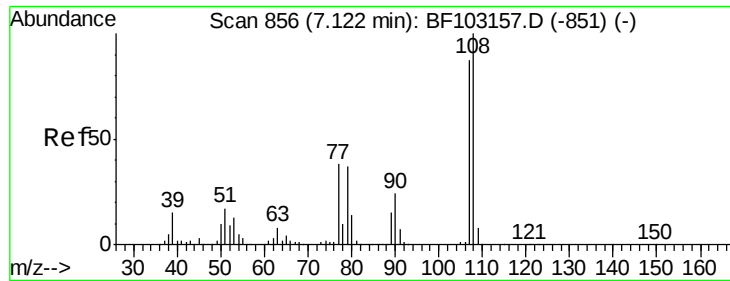
Ion Ratio Lower Upper

45 100

77 27.3 0.0 32.9

79 24.1 0.0 29.6





#17

2-Methylphenol

Concen: 35.692 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

Tot Ion:107 Resp: 308556

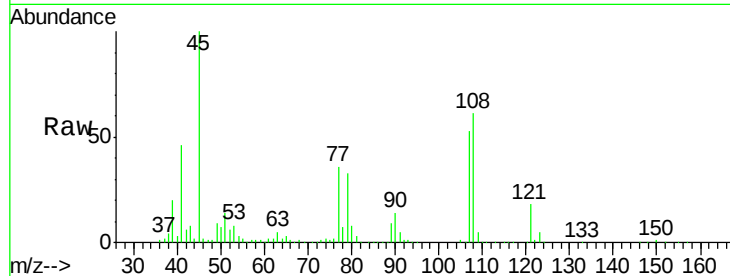
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 67.8 33.8 50.8#

79 62.5 33.8 50.8#



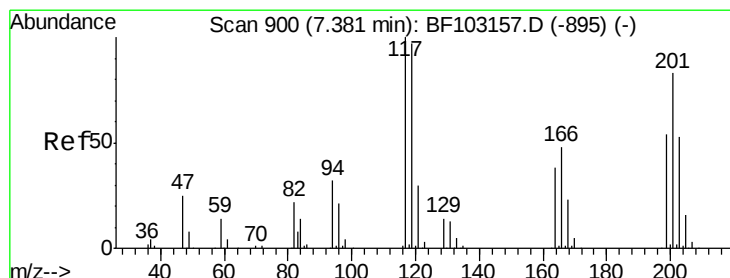
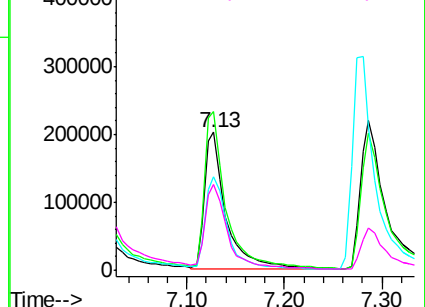
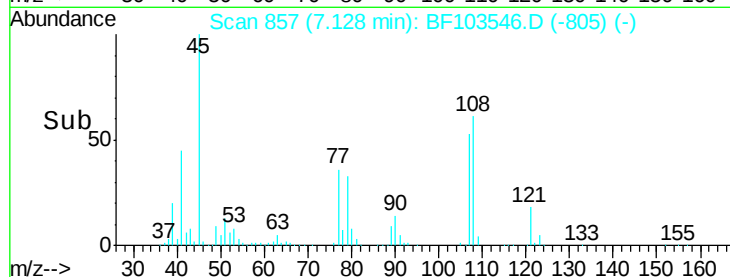
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 28.487 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

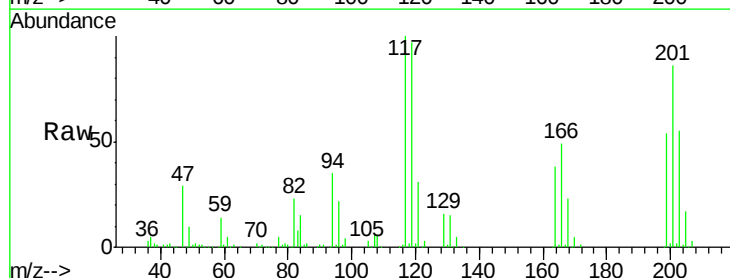
Tgt Ion:117 Resp: 113027

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

201 85.8 75.7 113.5

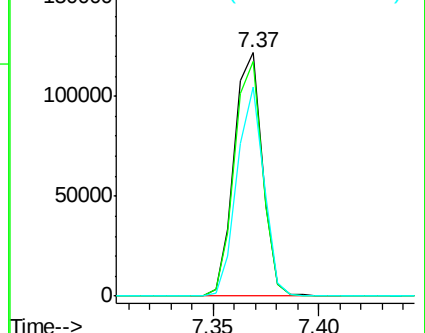
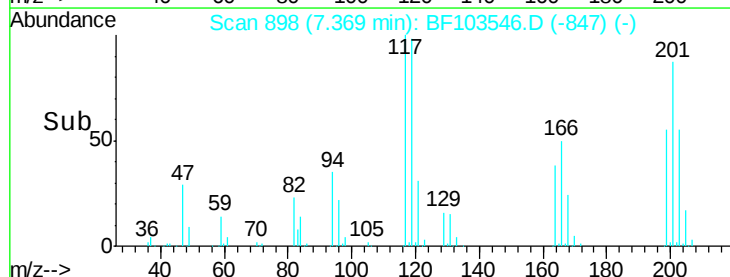


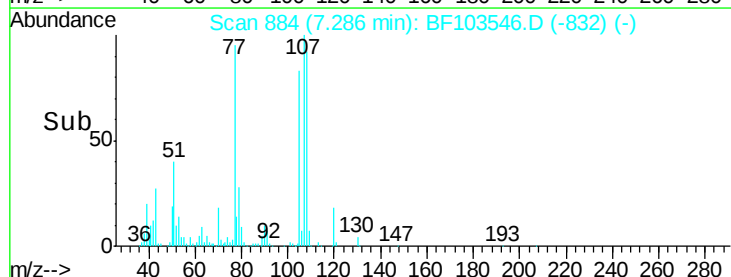
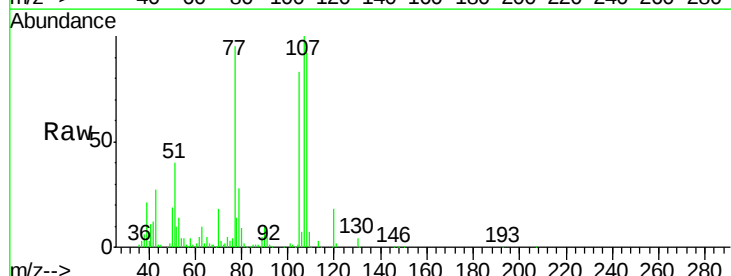
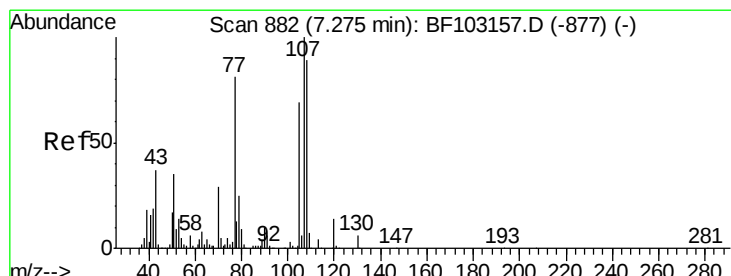
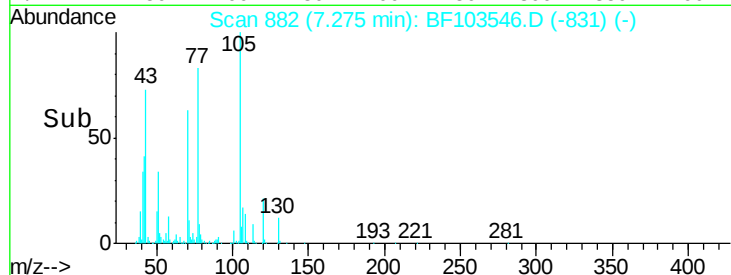
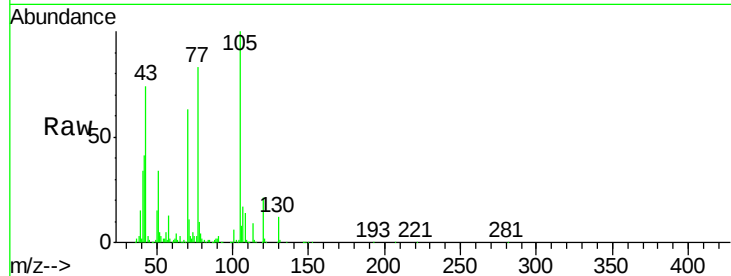
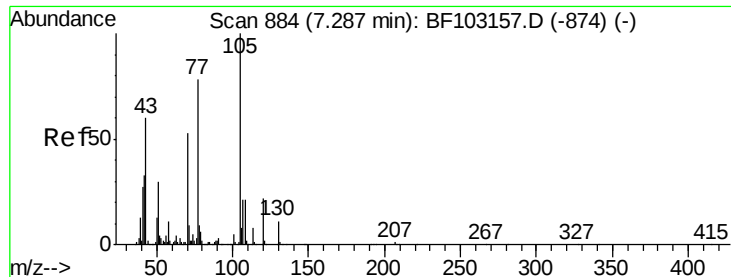
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

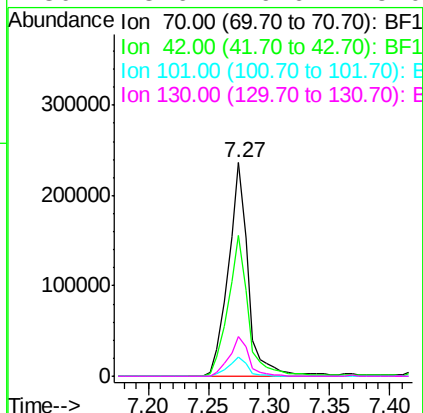




#19
n-Nitroso-di-n-propylamine
Concen: 39.133 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

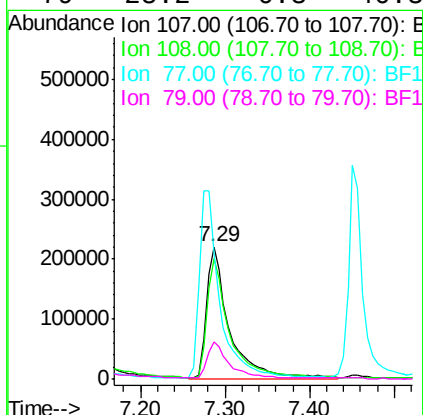
Instrument :
BNA_F
ClientSampleId :
PB107179BS

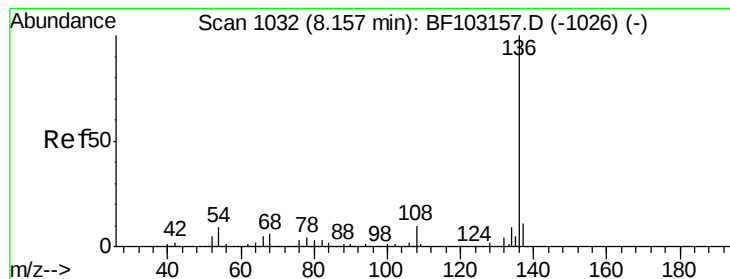
Tot Ion: 70 Resp: 272904
Ion Ratio Lower Upper
70 100
42 66.0 47.5 71.3
101 9.1 7.4 11.2
130 18.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.334 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:107 Resp: 414510
Ion Ratio Lower Upper
107 100
108 91.6 68.2 108.2
77 95.4 26.7 66.7#
79 28.2 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: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

Tot Ion:136 Resp: 569889

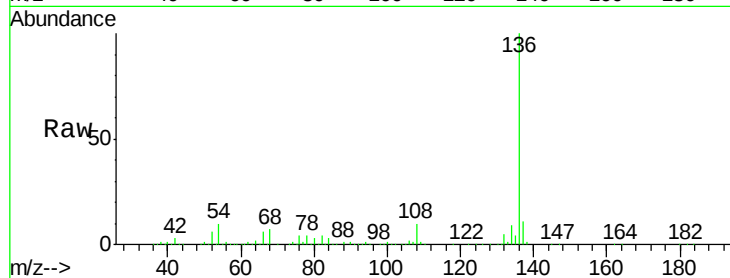
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

68 6.9 5.0 7.4

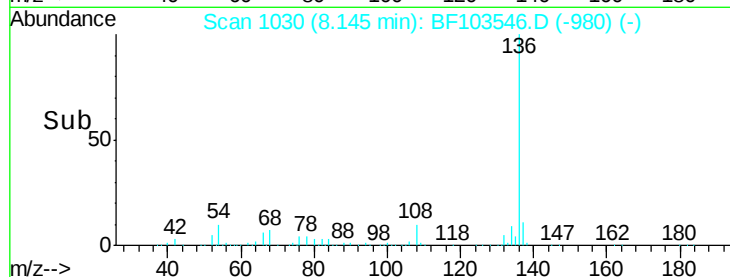


Abundance Ion 136.00 (135.70 to 136.70): E

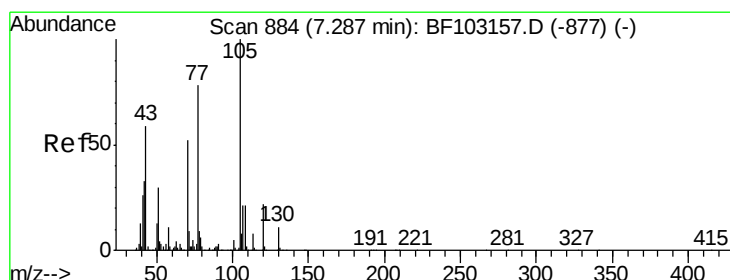
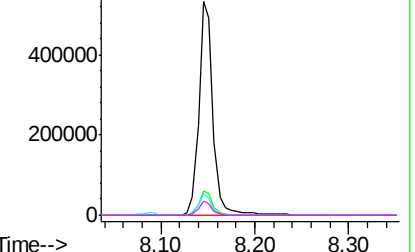
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 39.005 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Tgt Ion:105 Resp: 518855

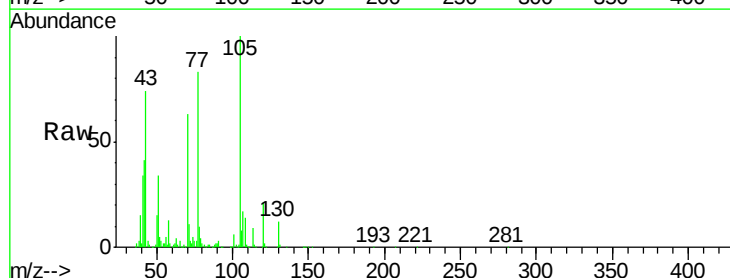
Ion Ratio Lower Upper

105 100

71 10.9 4.4 6.6#

51 34.5 22.3 33.5#

120 21.1 16.9 25.3

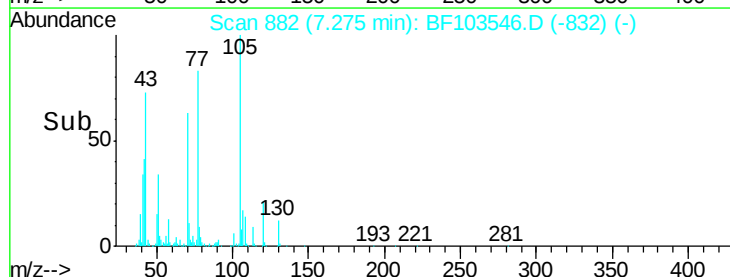


Abundance Ion 105.00 (104.70 to 105.70): E

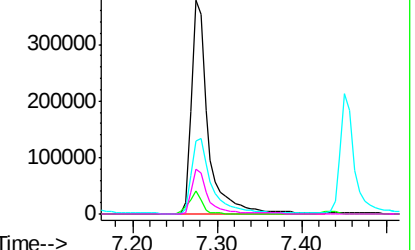
Ion 71.00 (70.70 to 71.70): BF1

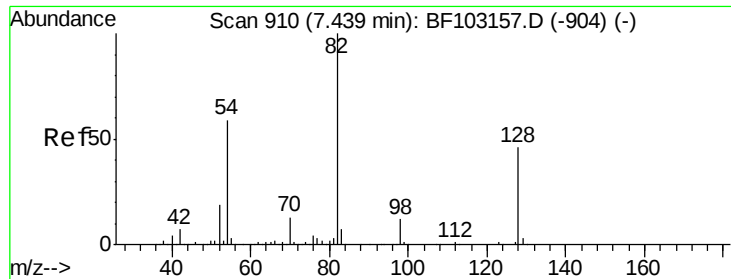
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

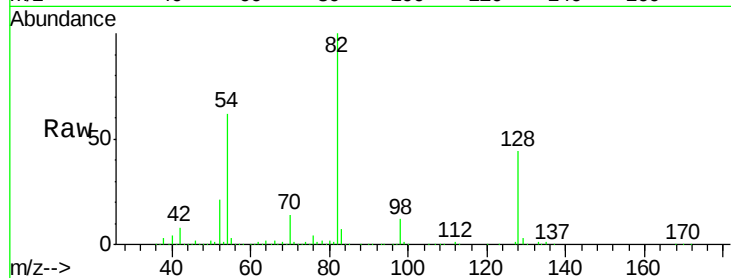




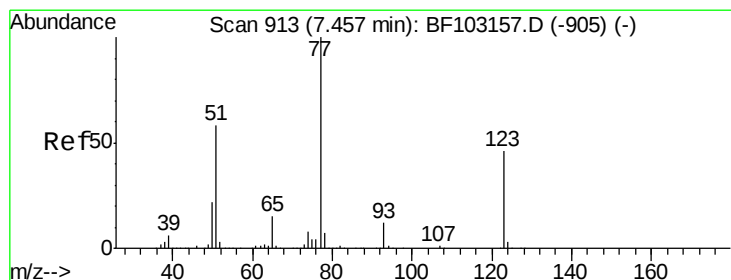
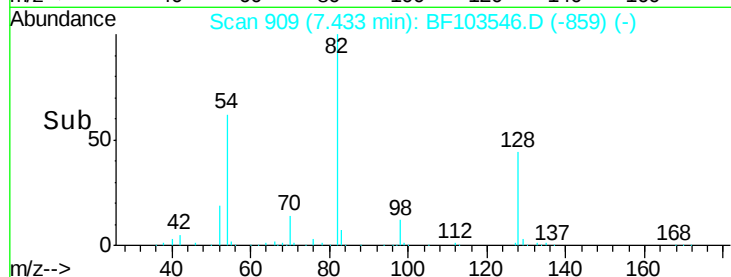
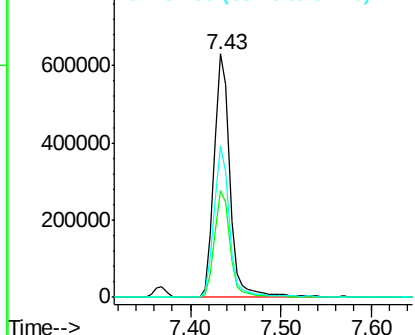
#23
Nitrobenzene-d5
Concen: 77.672 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :
PB107179BS

Tot Ion: 82 Resp: 775094
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 62.4 41.4 62.2#

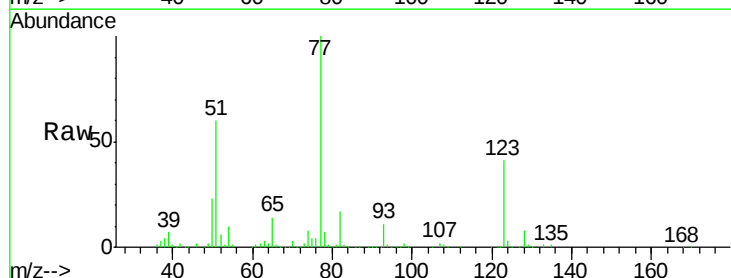


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

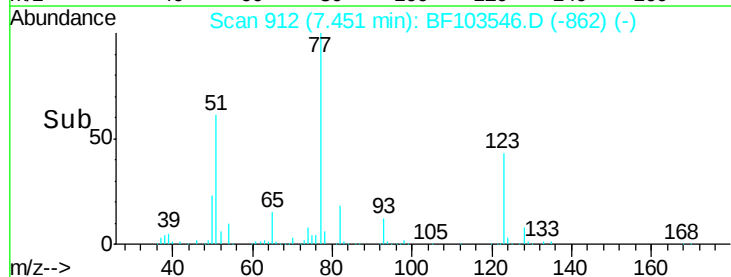
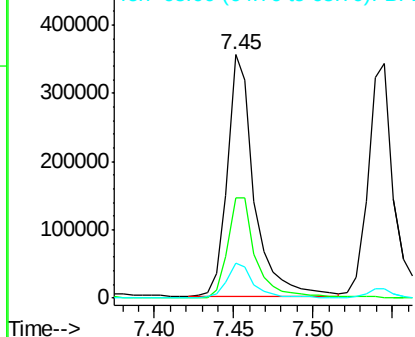


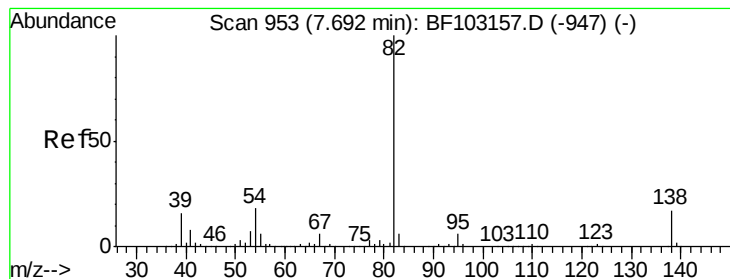
#24
Nitrobenzene
Concen: 38.236 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 77 Resp: 420099
Ion Ratio Lower Upper
77 100
123 41.3 37.9 56.9
65 14.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.544 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

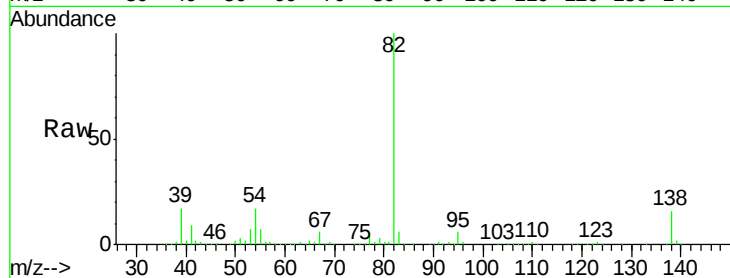
Tot Ion: 82 Resp: 777184

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 16.0 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

800000

7.69

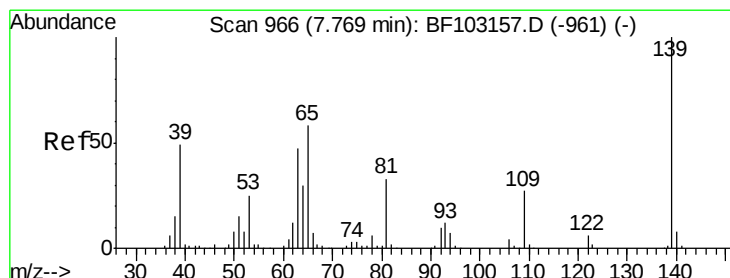
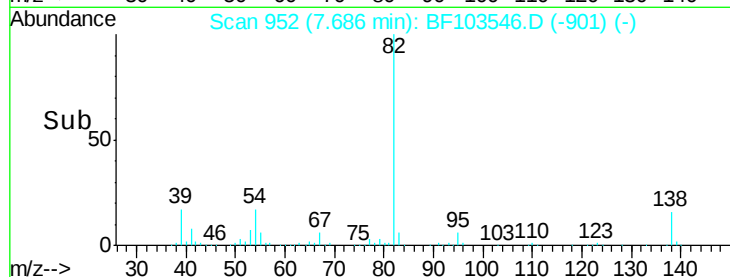
600000

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 32.182 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

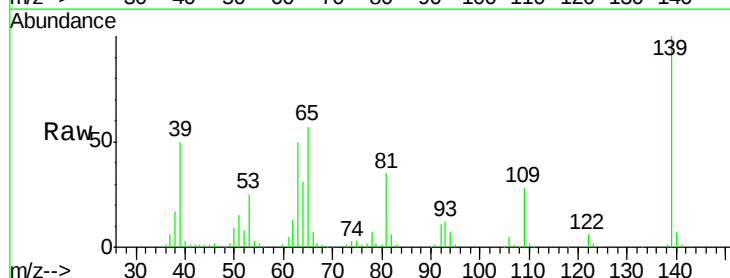
Tgt Ion: 139 Resp: 166455

Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 57.1 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

150000

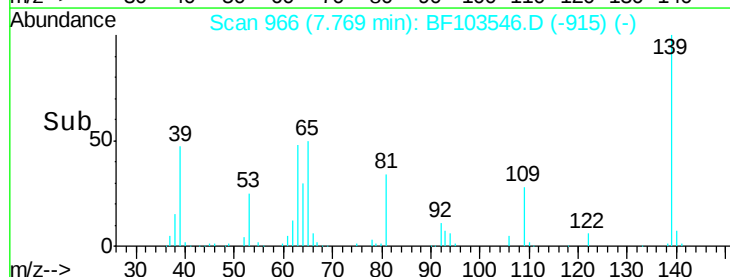
7.77

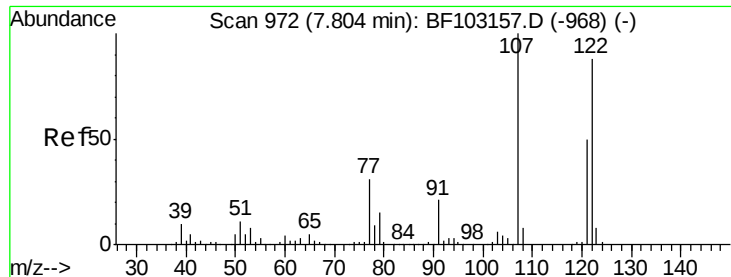
100000

50000

0

Time-->

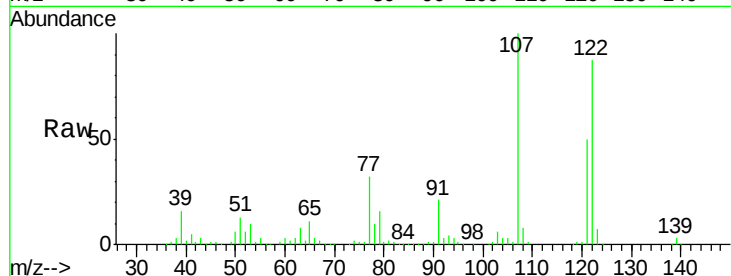




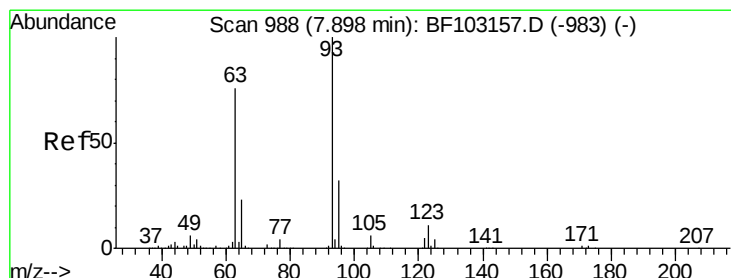
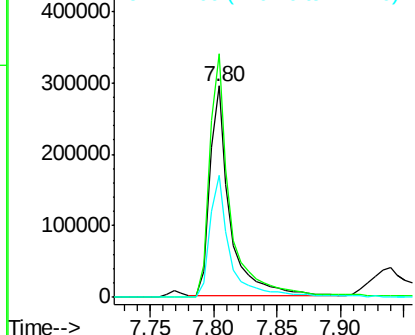
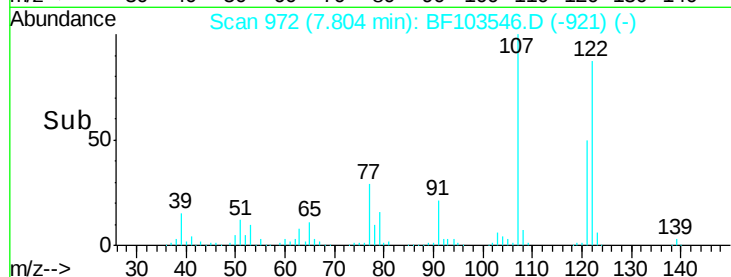
#27
2,4-Dimethylphenol
Concen: 40.259 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :
PB107179BS

Tot Ion:122 Resp: 318286
Ion Ratio Lower Upper
122 100
107 115.3 91.2 136.8
121 57.7 47.2 70.8

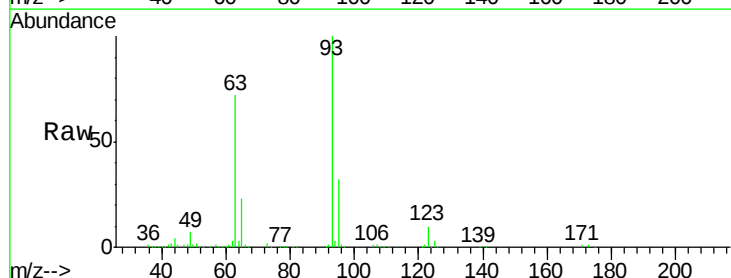


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

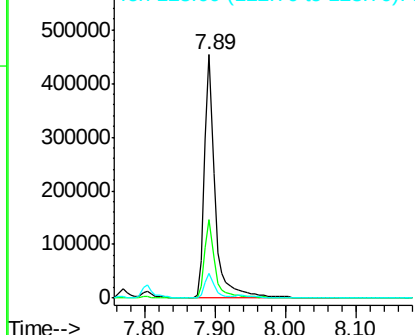
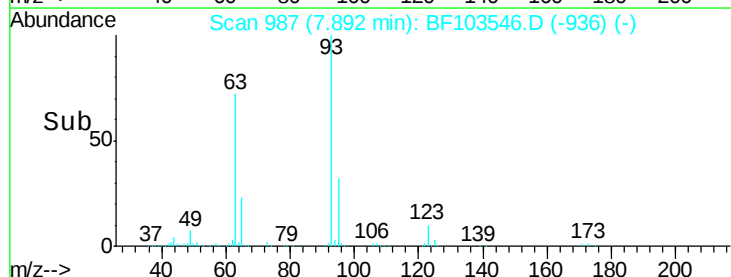


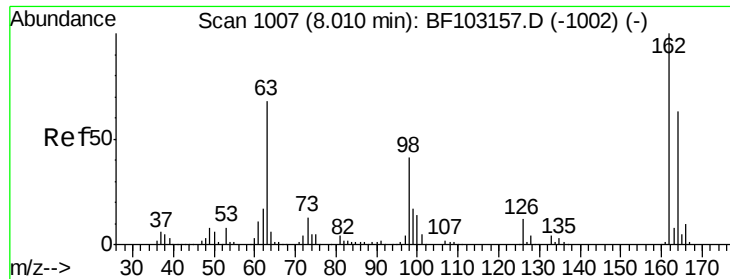
#28
bis(2-Chloroethoxy)methane
Concen: 41.035 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 93 Resp: 474174
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 10.3 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 39.500 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

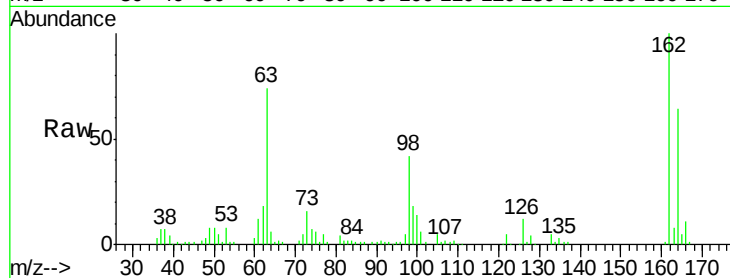
Tot Ion:162 Resp: 298984

Ion Ratio Lower Upper

162 100

164 63.7 42.7 82.7

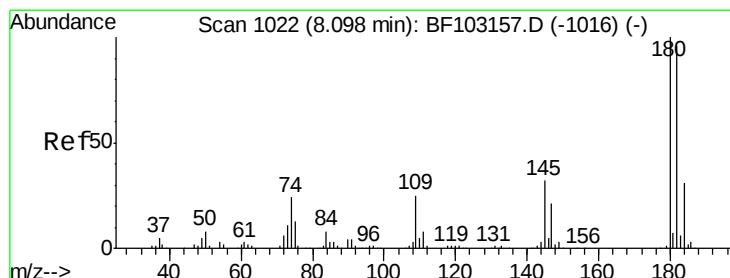
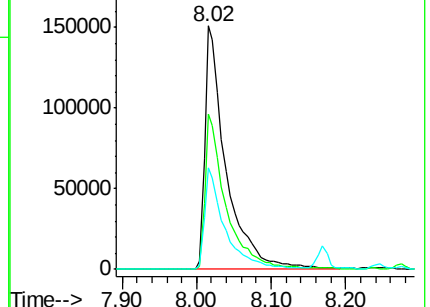
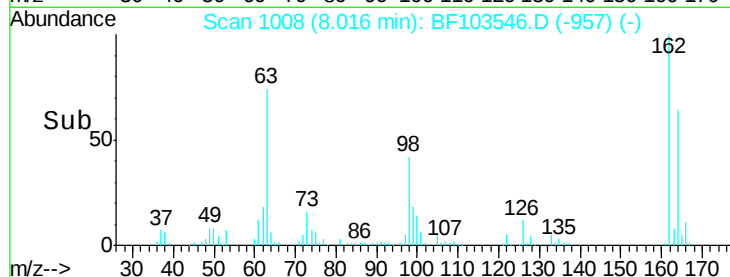
98 41.7 18.1 58.1



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: 34.798 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

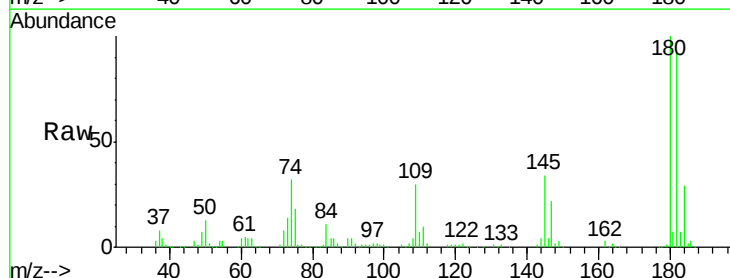
Tgt Ion:180 Resp: 280484

Ion Ratio Lower Upper

180 100

182 92.5 76.8 115.2

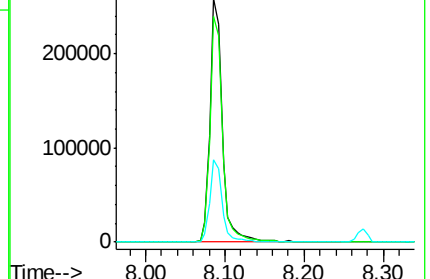
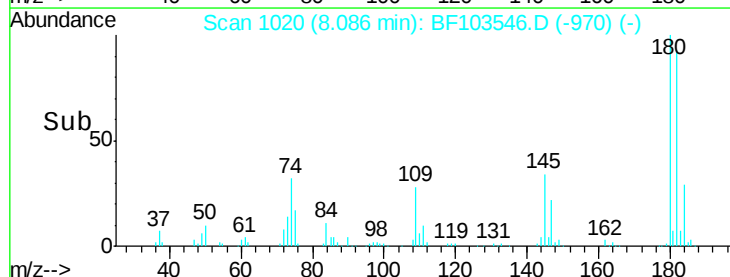
145 33.7 26.5 39.7

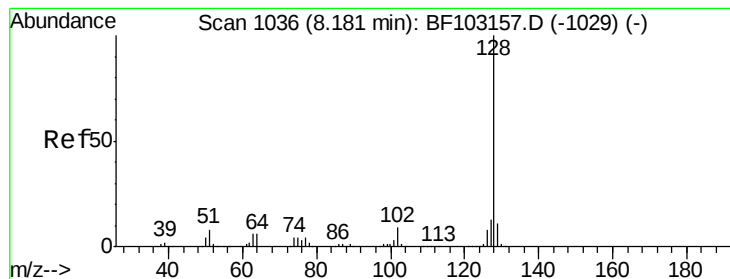


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.079 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

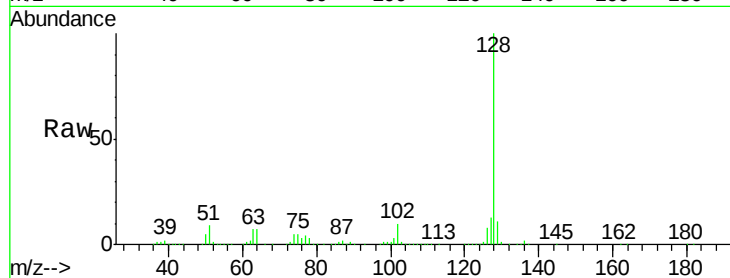
Tot Ion:128 Resp: 1034522

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

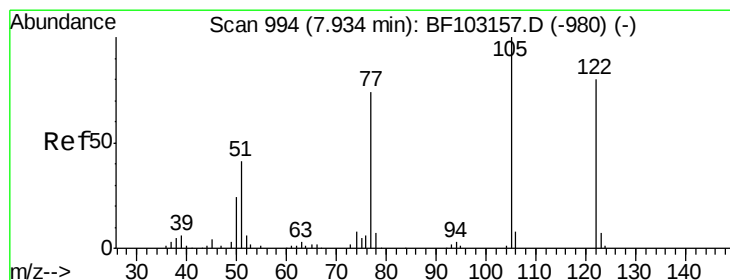
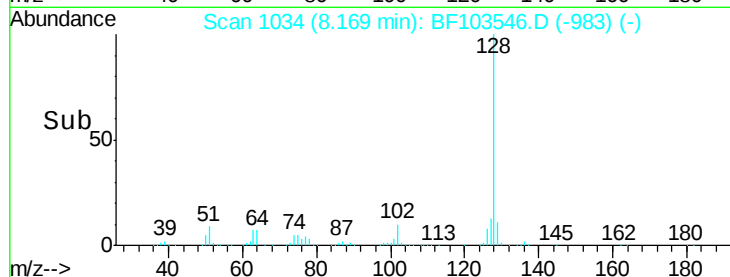
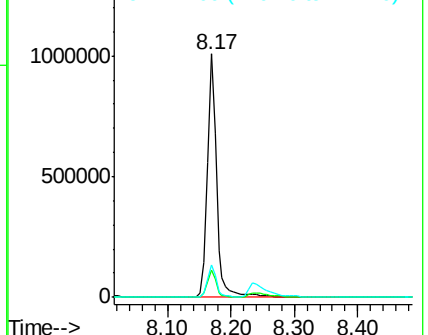
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.691 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

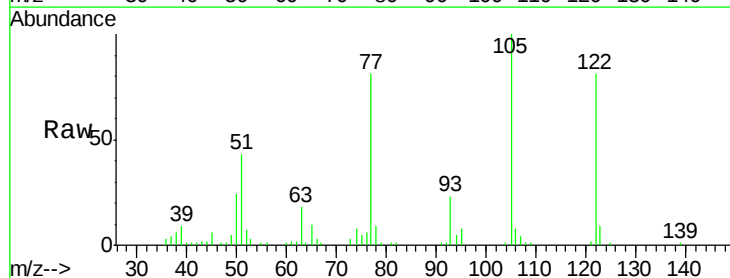
Tgt Ion:122 Resp: 108109

Ion Ratio Lower Upper

122 100

105 123.3 101.1 141.1

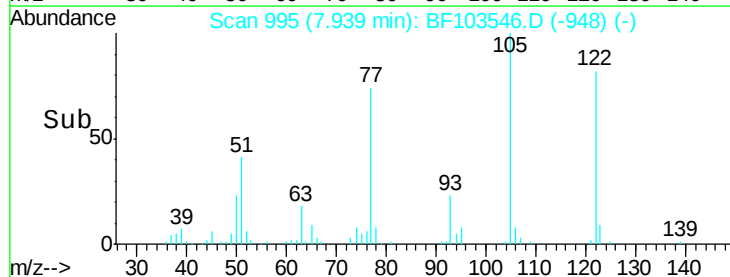
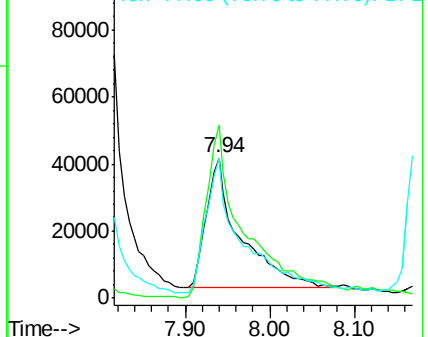
77 99.9 70.7 110.7

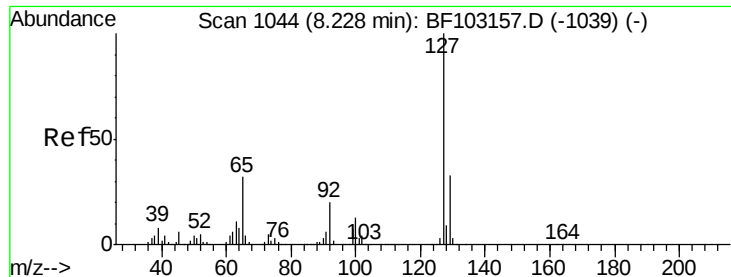


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

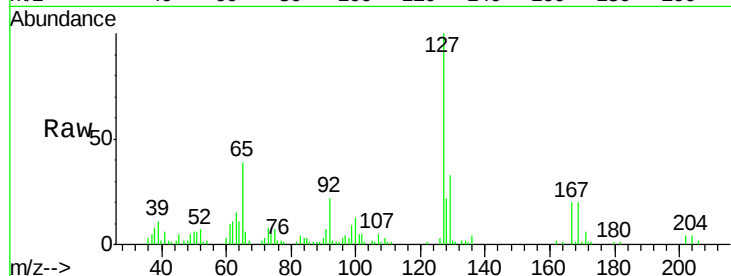




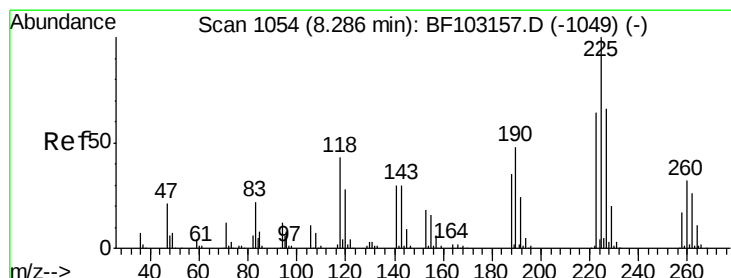
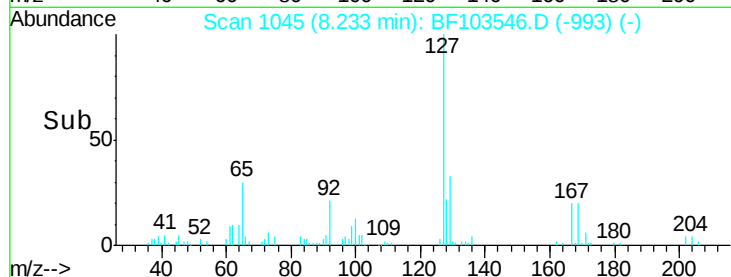
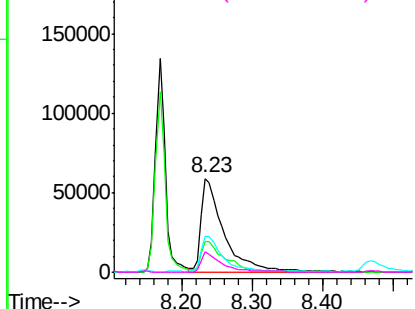
#33
4-Chloroaniline
Concen: 10.986 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :
PB107179BS

Tot Ion:	127	Resp:	132273
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	38.7	25.0	37.4
92	21.5	15.2	22.8

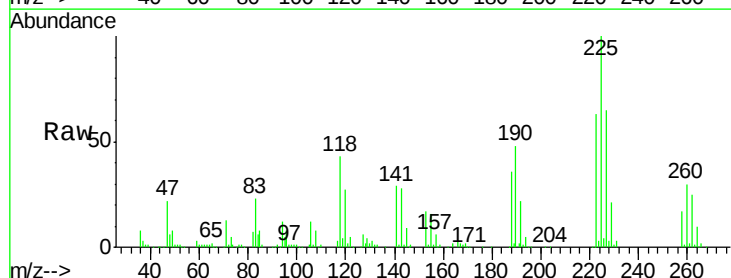


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

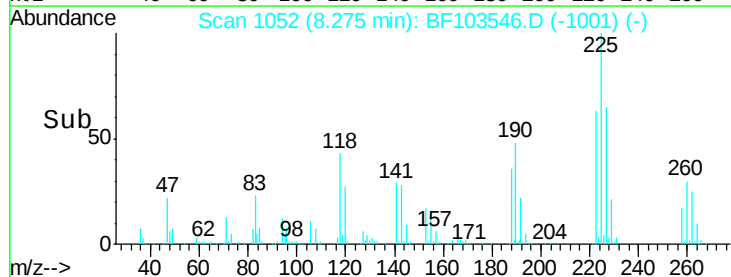
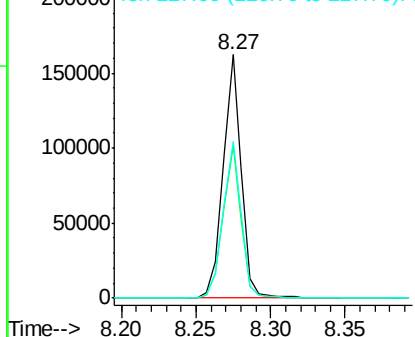


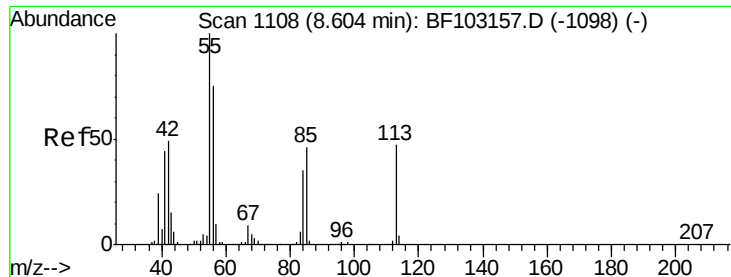
#34
Hexachlorobutadiene
Concen: 33.335 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:	225	Resp:	139921
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.5	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: 35.743 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

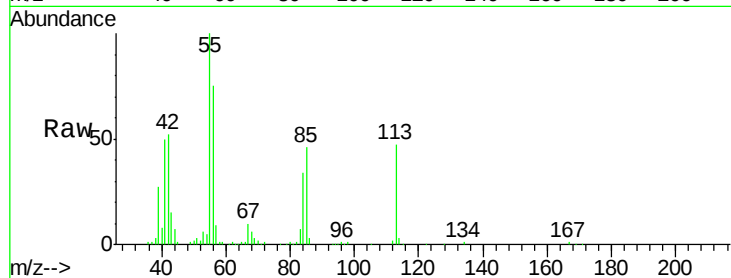
Tot Ion:113 Resp: 95086

Ion Ratio Lower Upper

113 100

55 212.8 163.3 203.3#

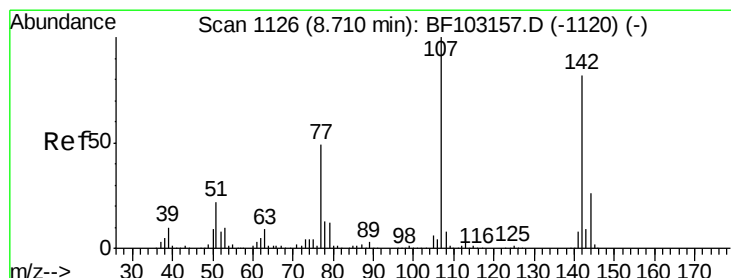
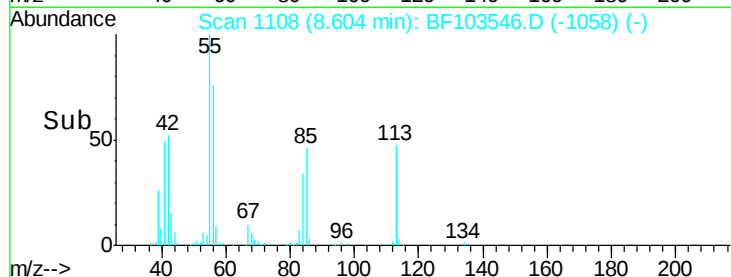
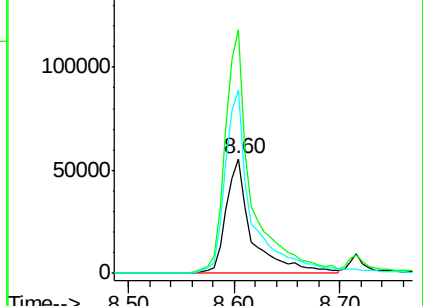
56 160.4 115.7 155.7#



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: 37.682 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

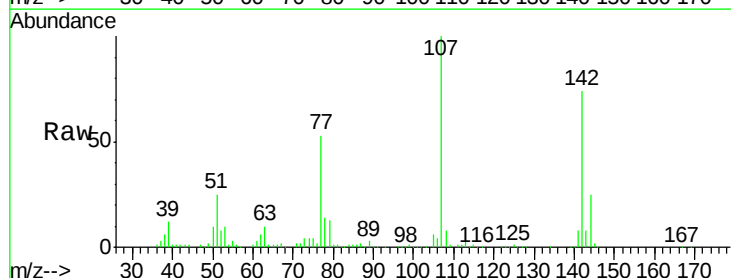
Tgt Ion:107 Resp: 321707

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

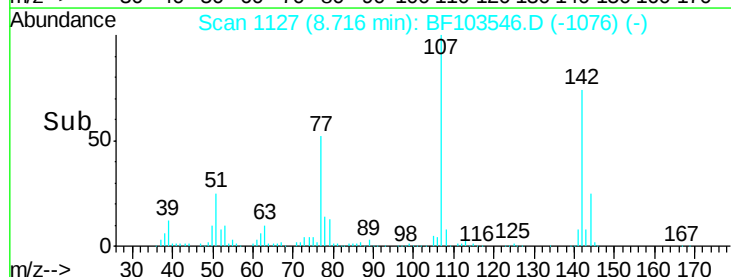
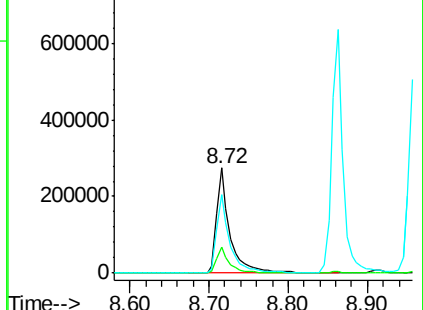
142 74.3 62.0 93.0

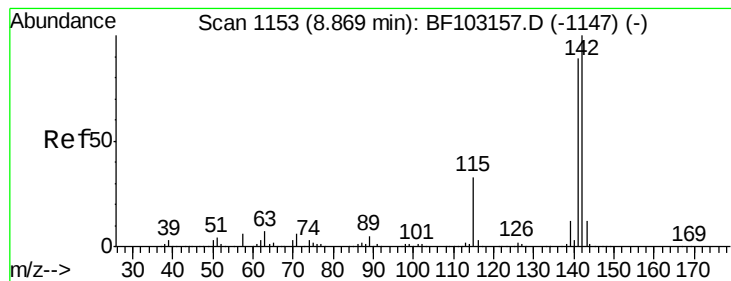


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.275 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

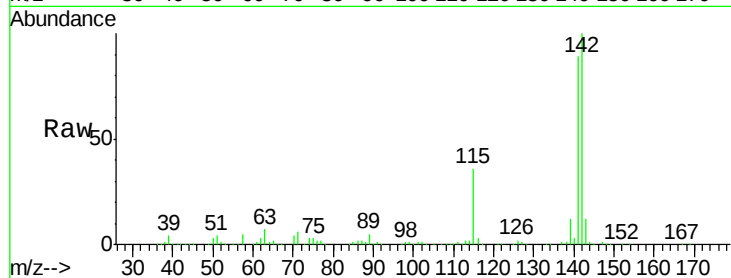
Tot Ion:142 Resp: 636064

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

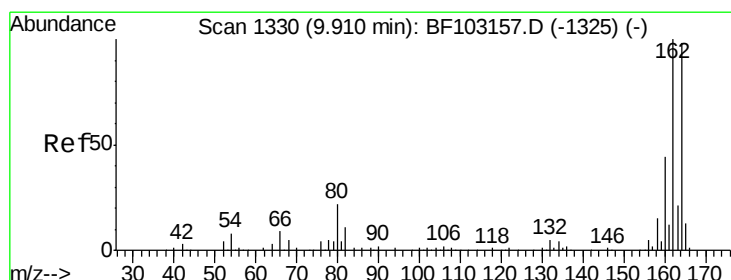
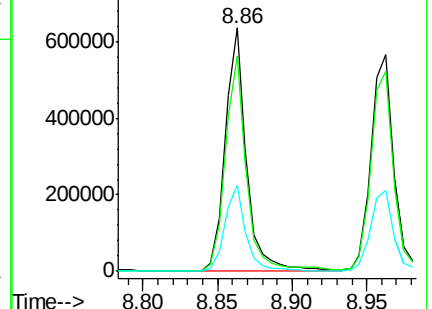
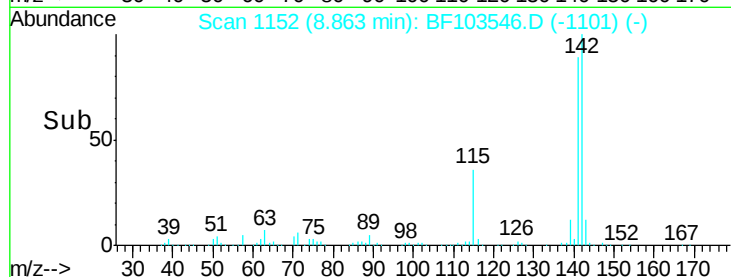
115 35.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

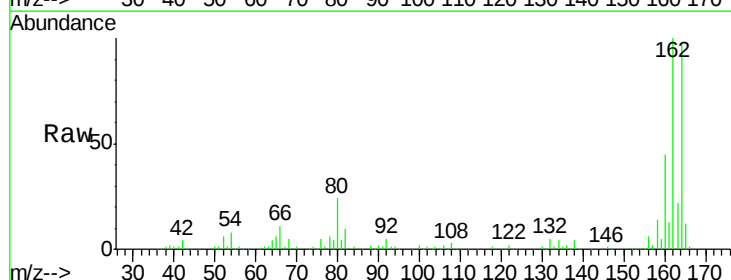
Tgt Ion:164 Resp: 224343

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

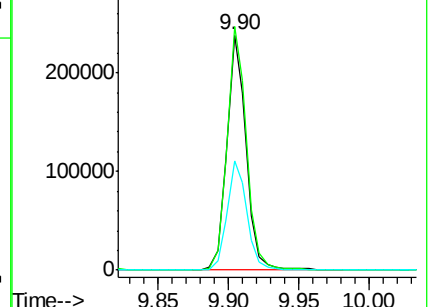
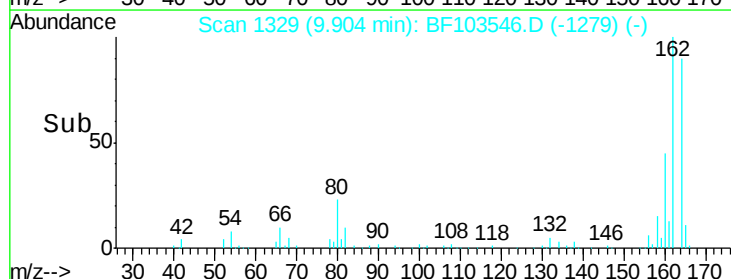
160 46.2 38.3 57.5

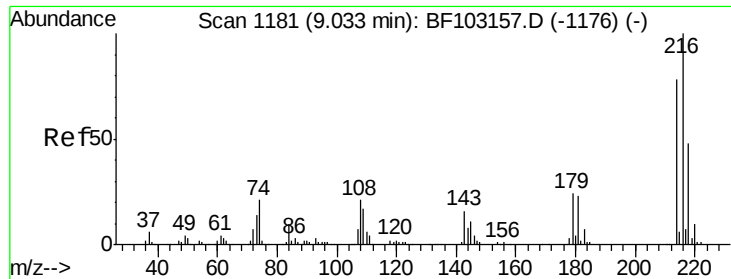


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.744 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

Tot Ion:216 Resp: 231489

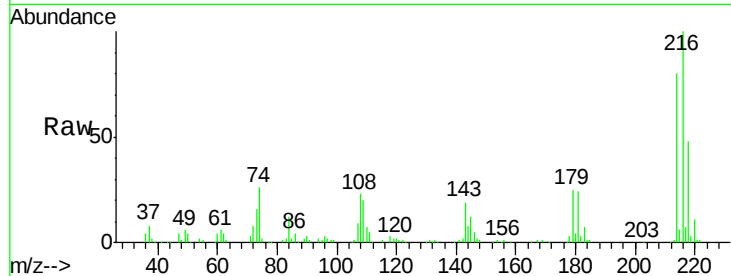
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 24.0 18.1 27.1

108 23.2 17.2 25.8

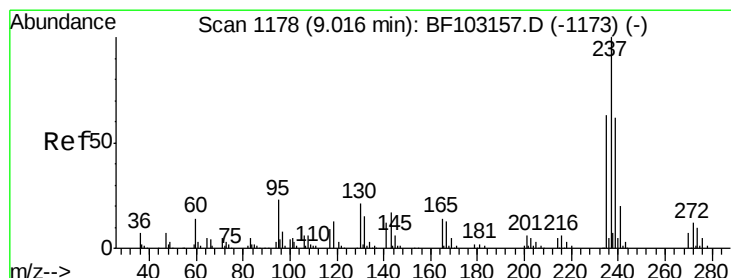
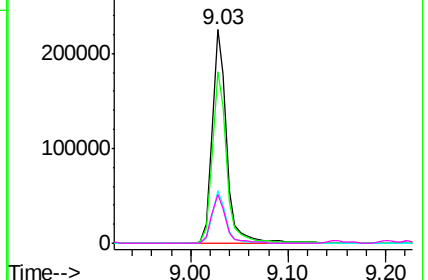
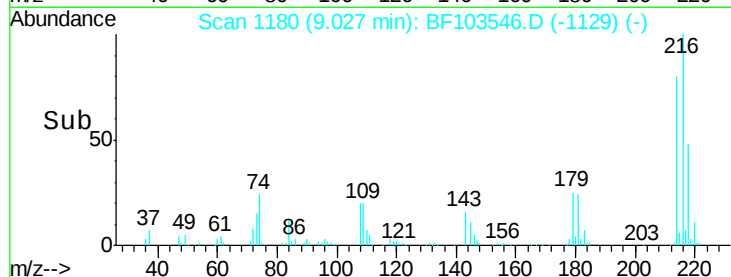


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.371 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

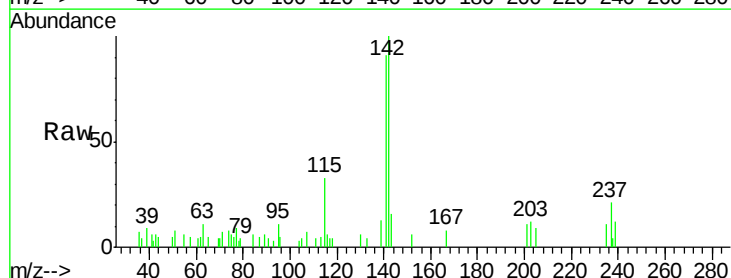
Tgt Ion:237 Resp: 1190

Ion Ratio Lower Upper

237 100

235 52.3 44.8 84.8

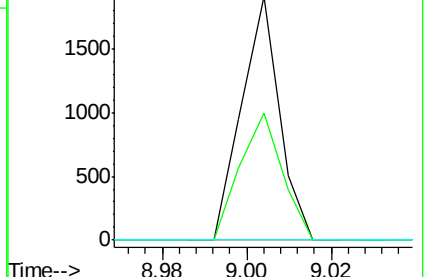
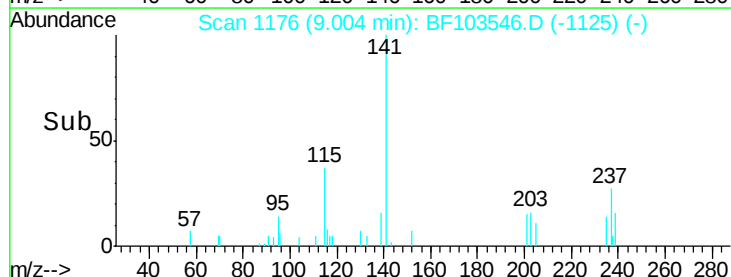
272 0.0 0.0 33.3

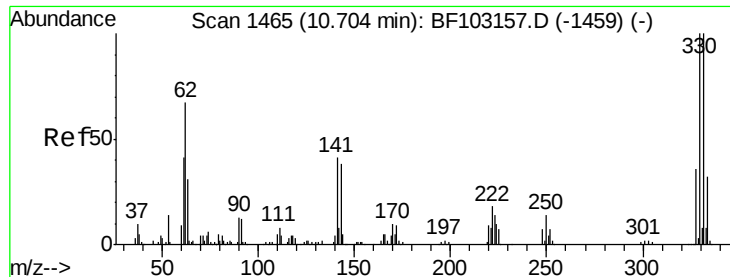


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 59.171 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

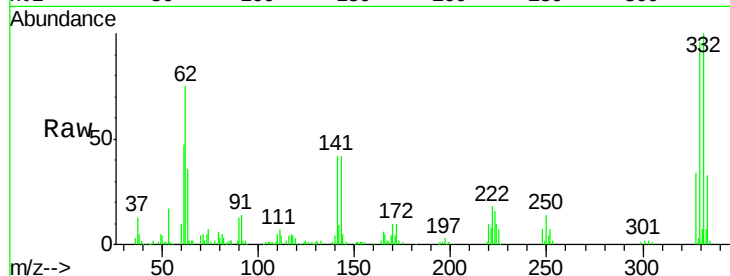
Tot Ion:330 Resp: 112362

Ion Ratio Lower Upper

330 100

332 102.1 77.0 115.6

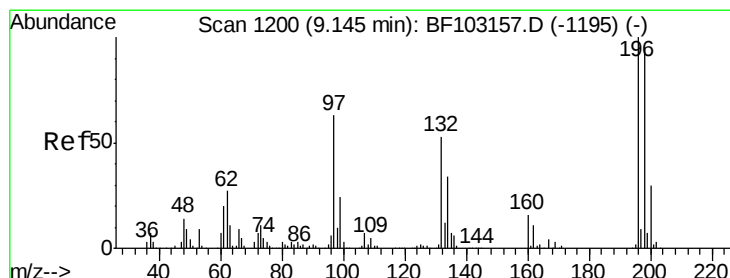
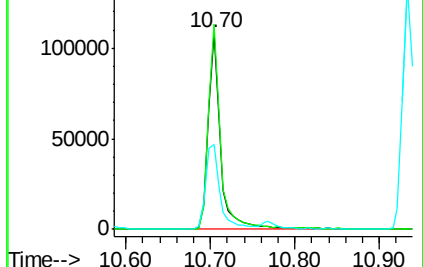
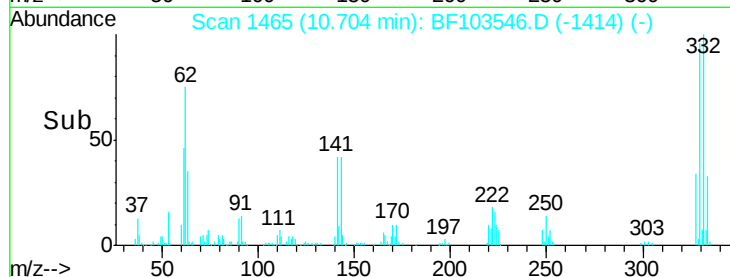
141 49.7 29.9 44.9#



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: 37.262 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

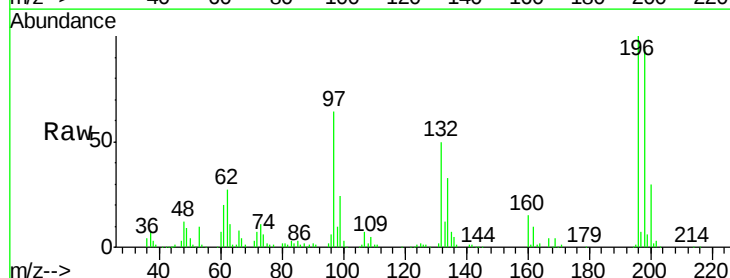
Tgt Ion:196 Resp: 153775

Ion Ratio Lower Upper

196 100

198 94.2 75.7 113.5

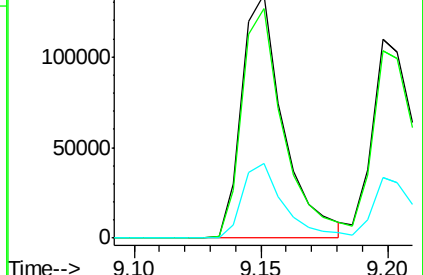
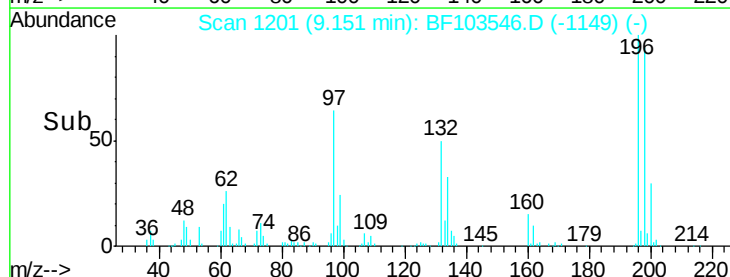
200 30.5 24.5 36.7

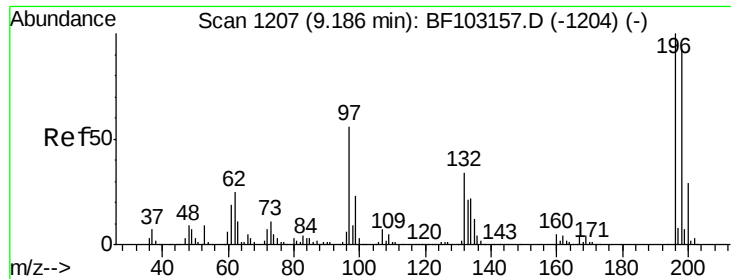


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

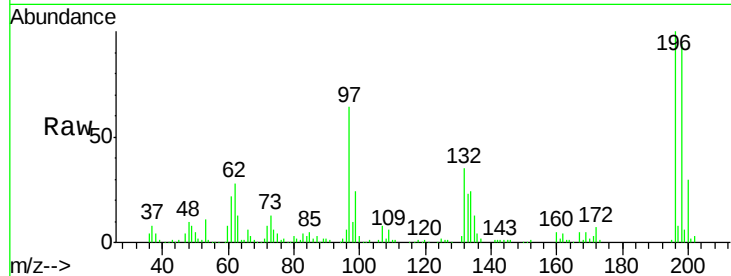




#43
 2,4,5-Trichlorophenol
 Concen: 33.315 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

Tot Ion	196	Resp	158127
Ion Ratio	100	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	64.1	42.9	64.3
132	35.5	26.3	39.5



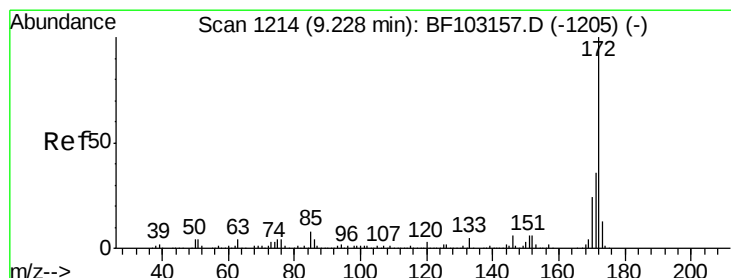
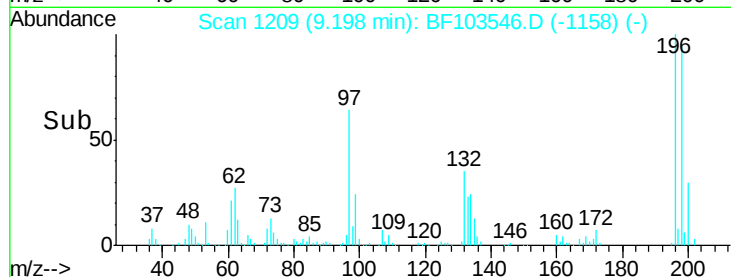
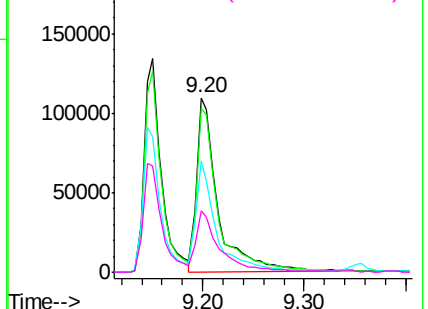
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

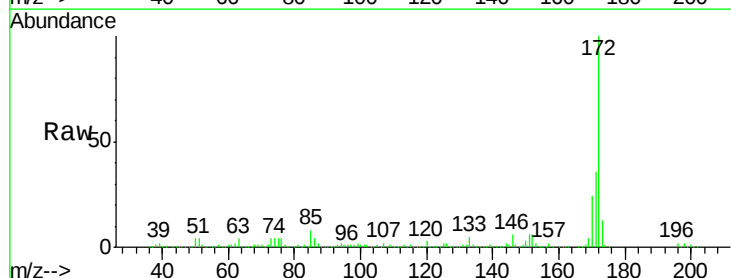
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.125 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion	172	Resp	1088403
Ion Ratio	100	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

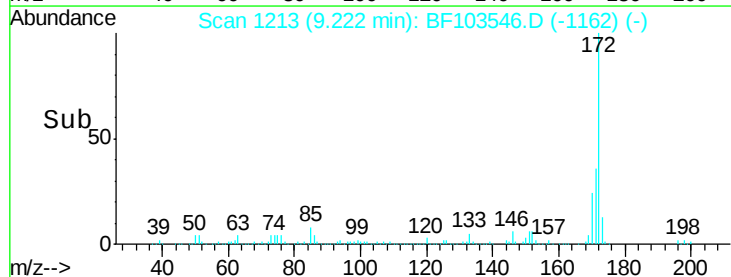
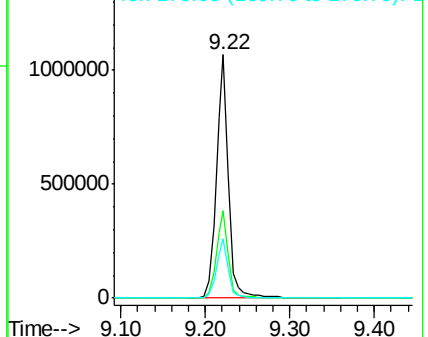


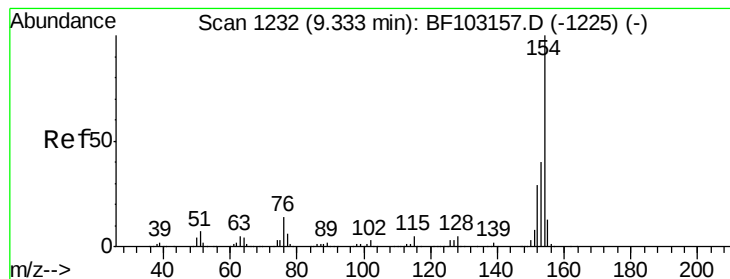
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.299 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

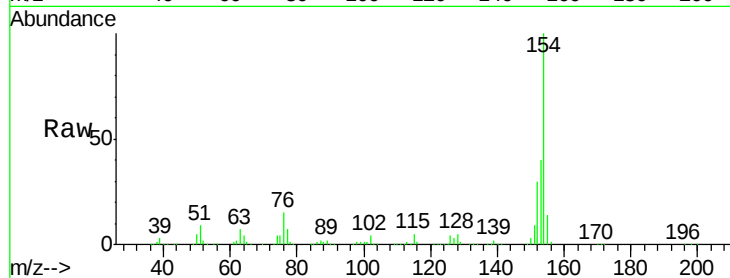
Tot Ion:154 Resp: 701170

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

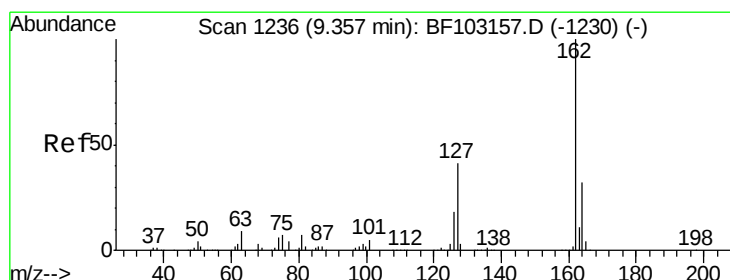
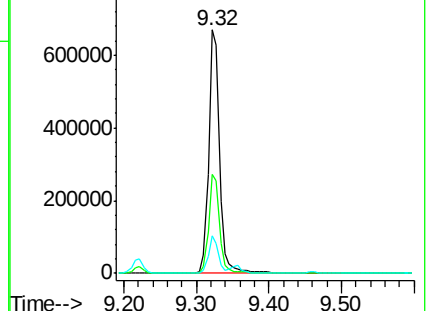
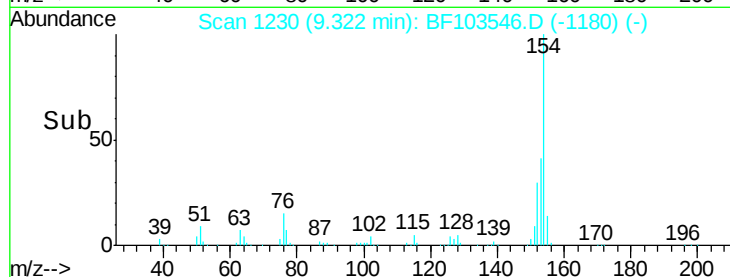
76 15.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.519 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

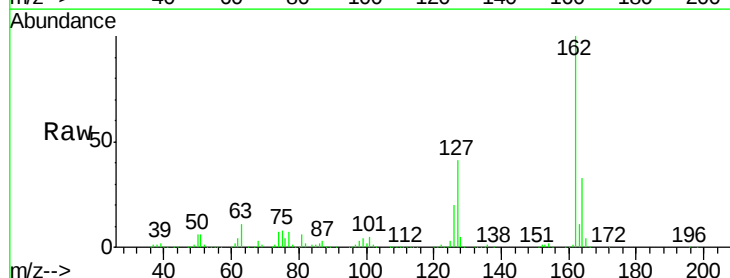
Tgt Ion:162 Resp: 558002

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

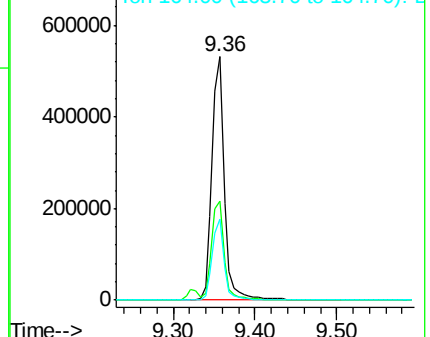
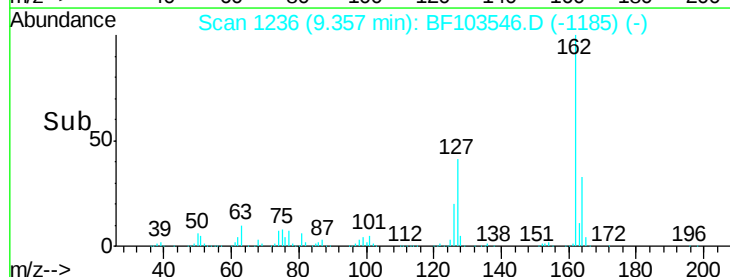
164 33.2 26.5 39.7

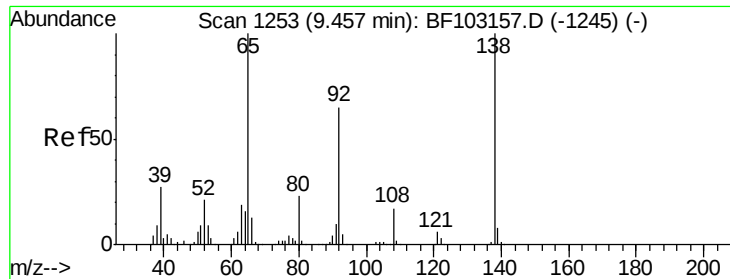


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

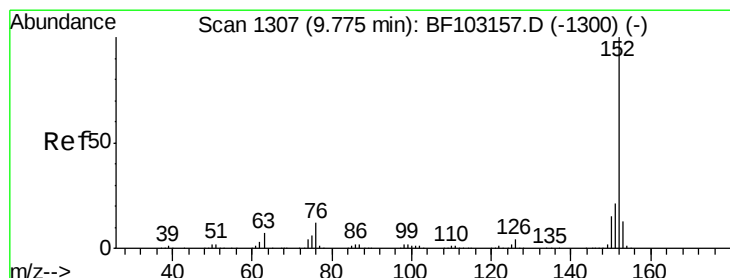
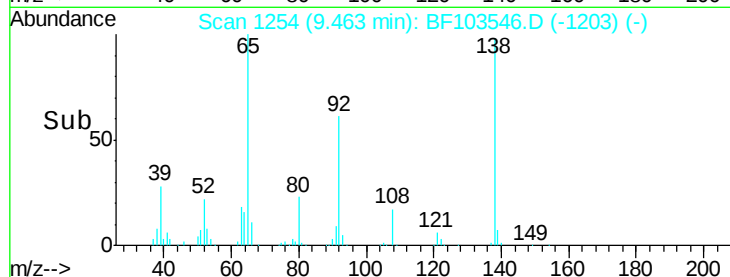
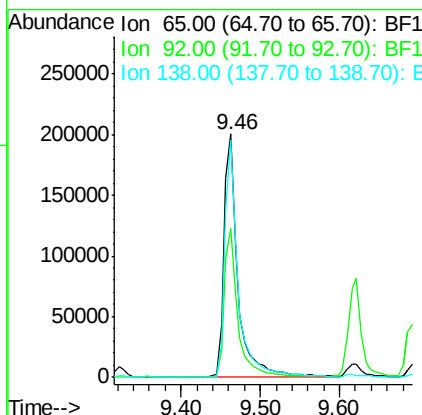
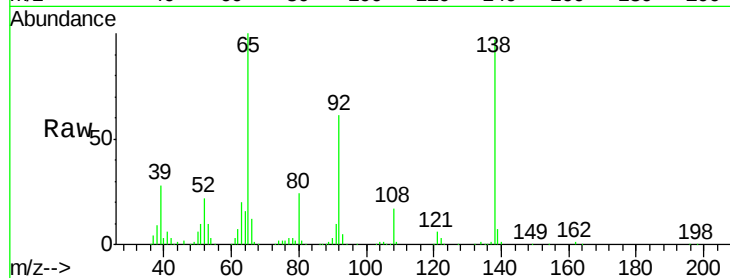




#47
2-Nitroaniline
Concen: 44.506 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

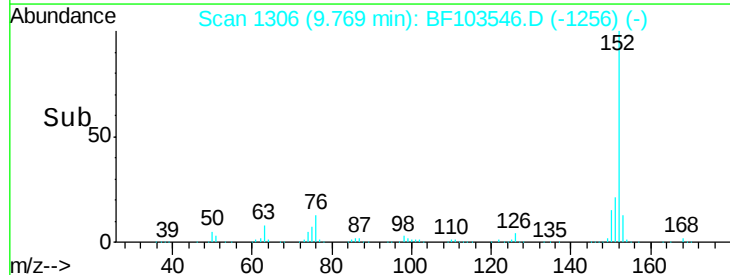
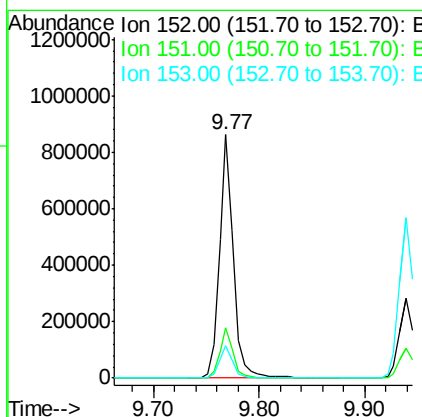
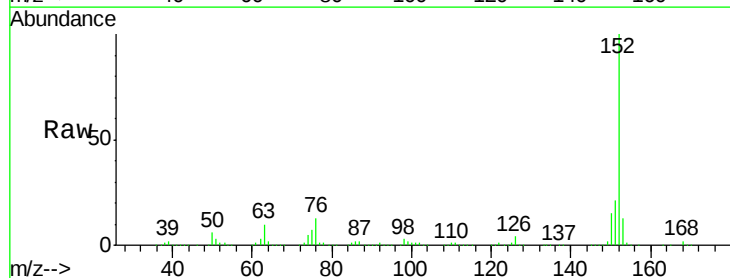
Instrument :
BNA_F
ClientSampleId :
PB107179BS

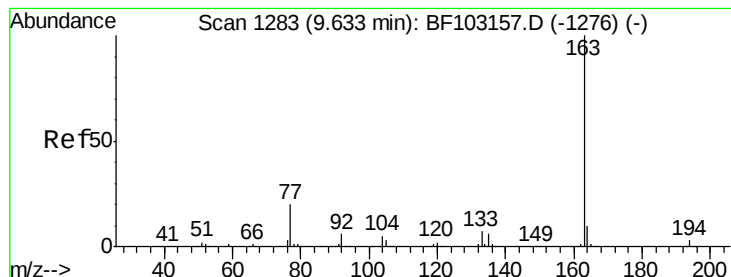
Tot Ion: 65 Resp: 245183
Ion Ratio Lower Upper
65 100
92 61.1 55.8 83.6
138 97.3 91.2 136.8



#48
Acenaphthylene
Concen: 35.291 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 152 Resp: 807553
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 35.959 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

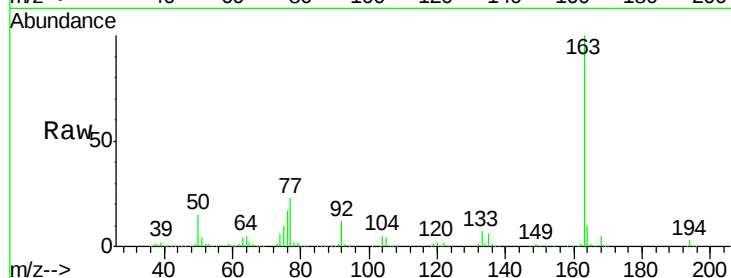
Tot Ion:163 Resp: 647160

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

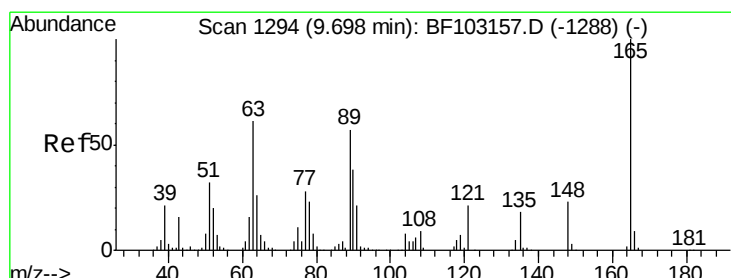
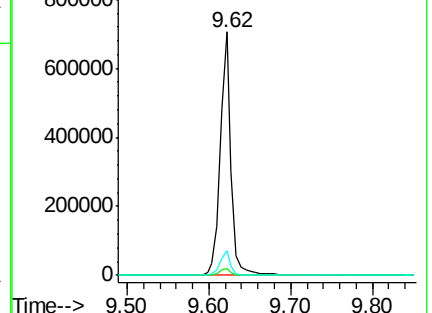
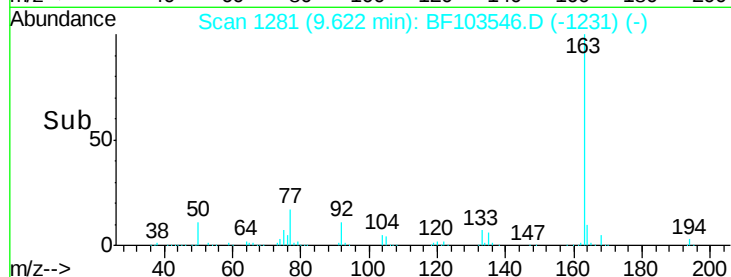
164 10.0 8.2 12.2



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: 32.844 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

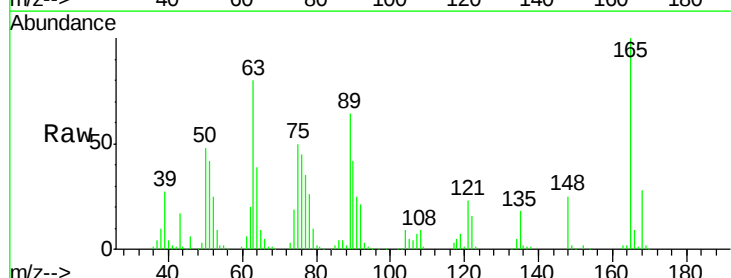
Tgt Ion:165 Resp: 124045

Ion Ratio Lower Upper

165 100

63 79.9 44.7 67.1#

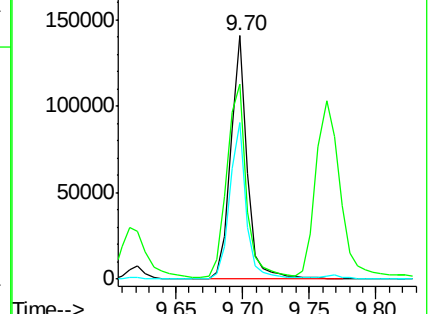
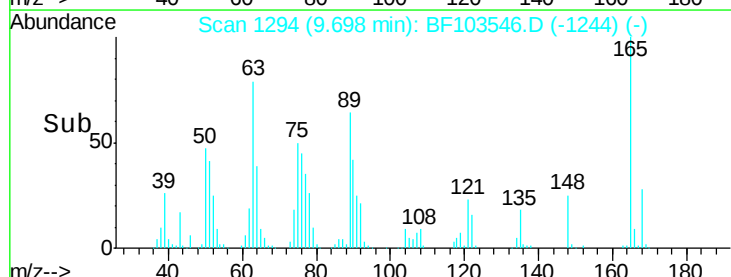
89 64.1 44.0 66.0

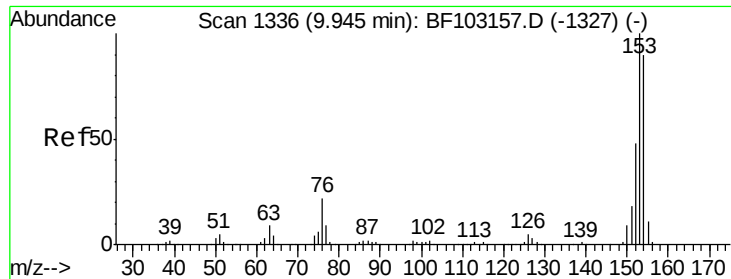


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.910 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

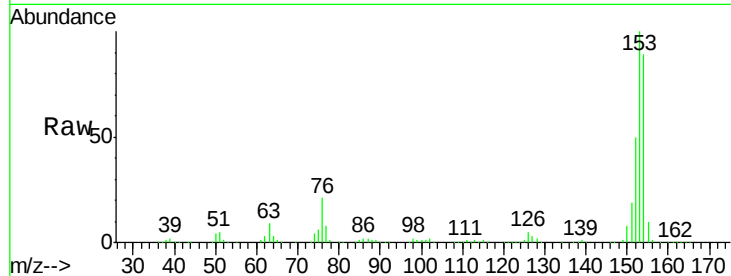
Tot Ion:154 Resp: 465808

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

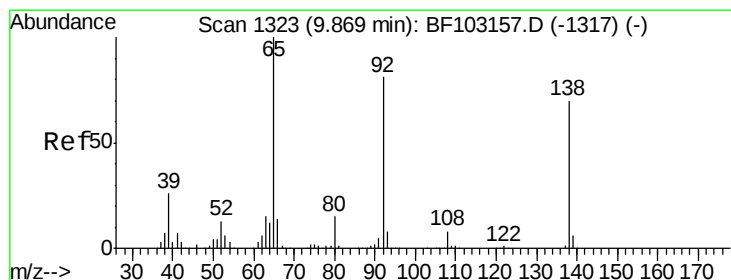
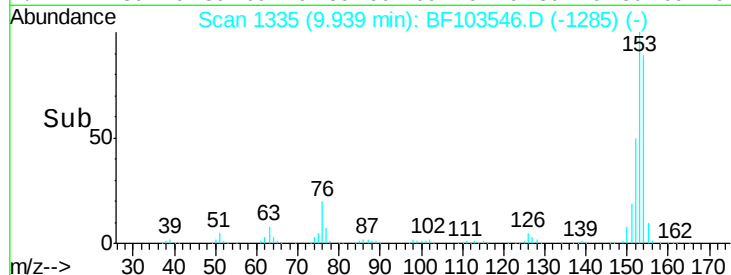
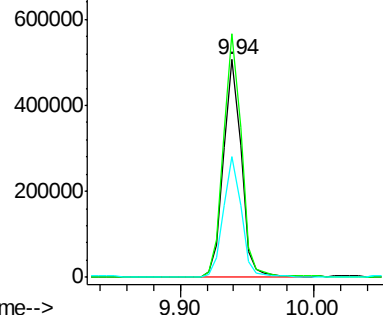
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.523 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

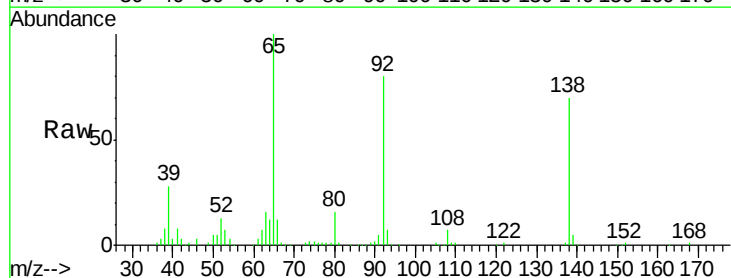
Tgt Ion:138 Resp: 117506

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

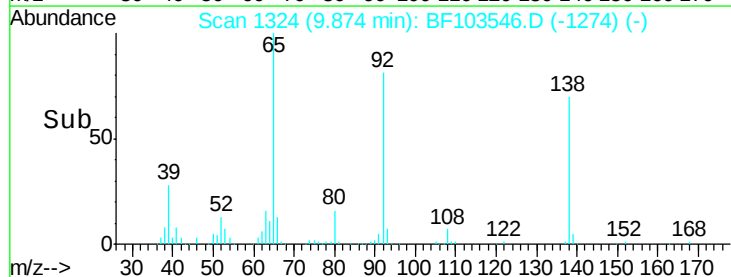
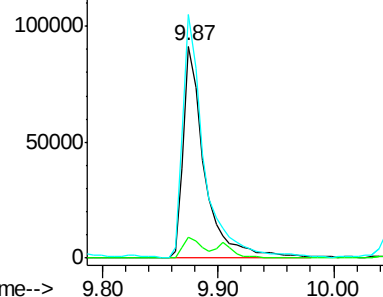
92 114.8 89.4 134.2

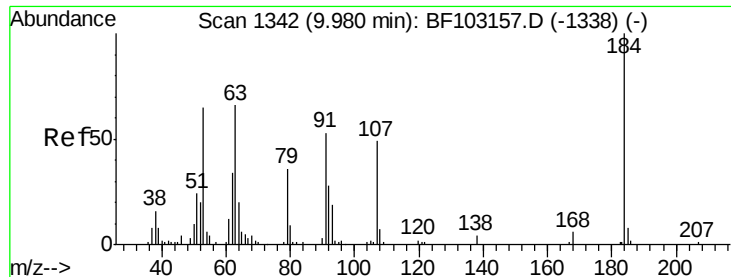


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

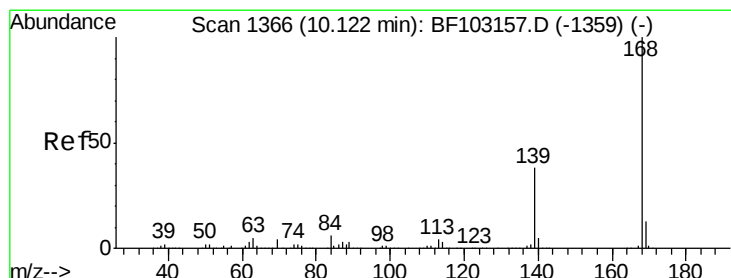
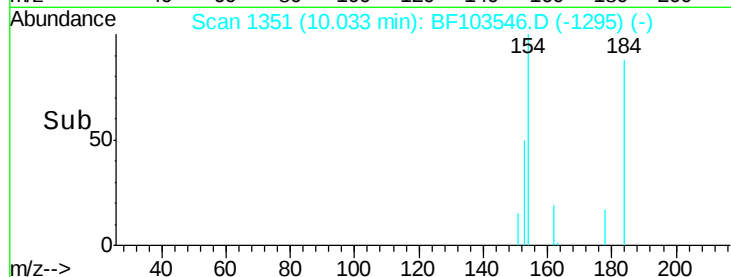
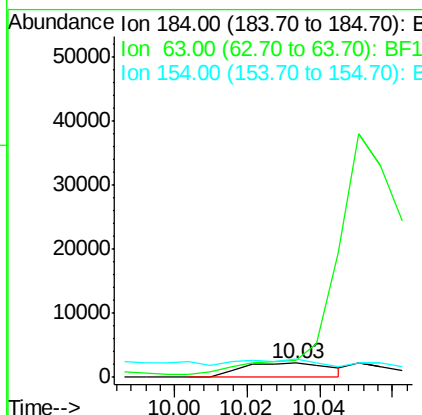
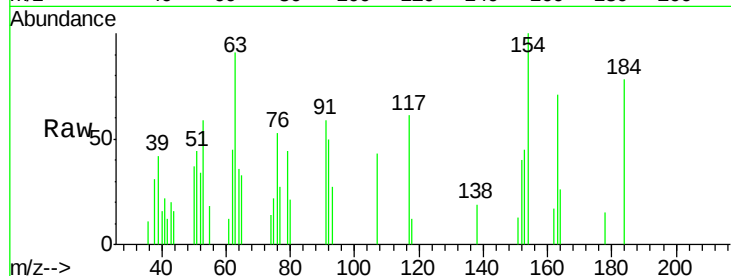




#53
 2,4-Dinitrophenol
 Concen: 12.045 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.03 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

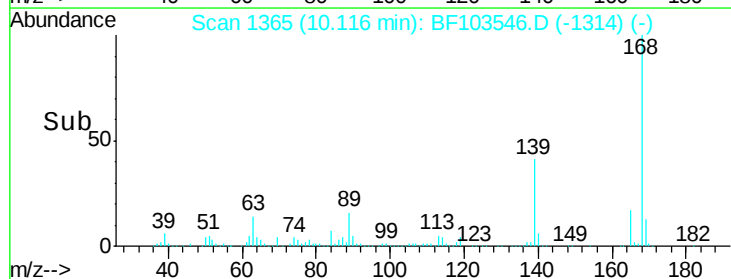
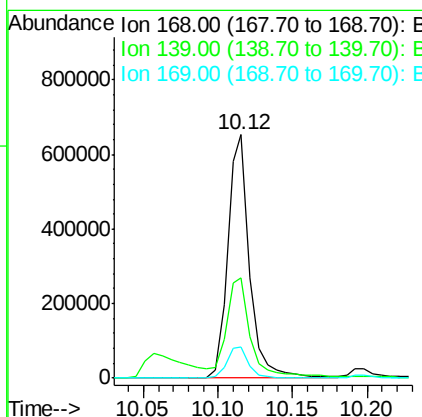
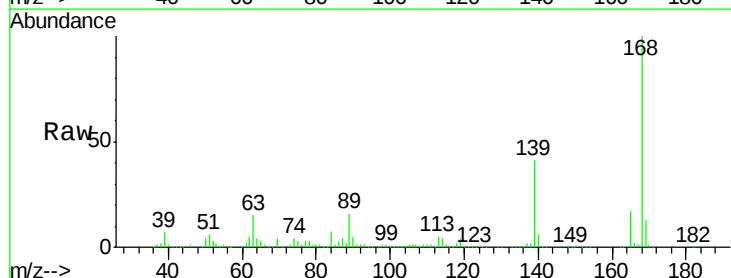
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

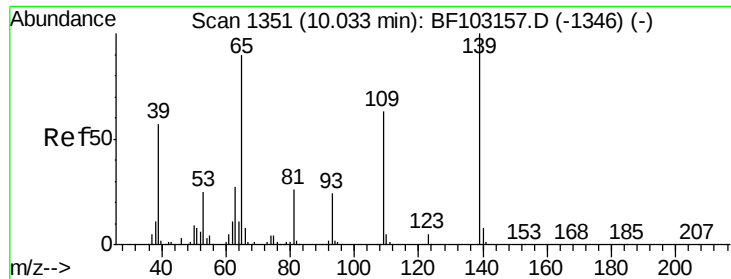
Tot Ion:184 Resp: 3758
 Ion Ratio Lower Upper
 184 100
 63 116.9 54.2 81.2#
 154 127.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.889 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:168 Resp: 675686
 Ion Ratio Lower Upper
 168 100
 139 41.3 30.1 45.1
 169 12.9 10.9 16.3

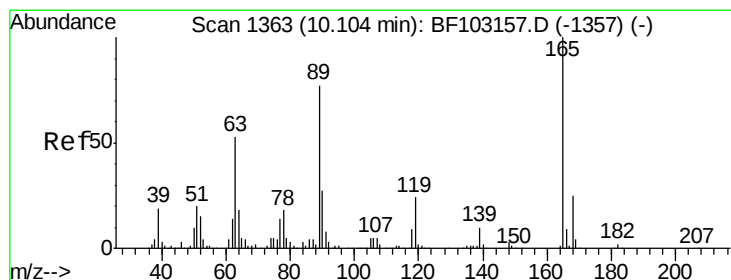
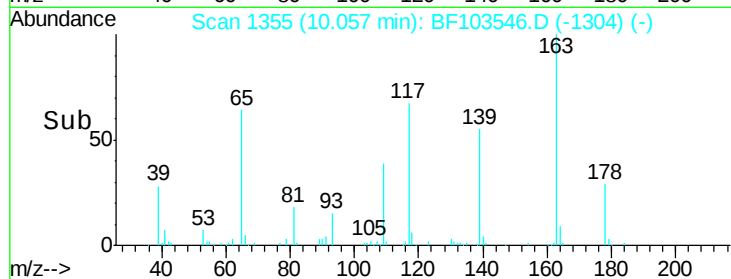
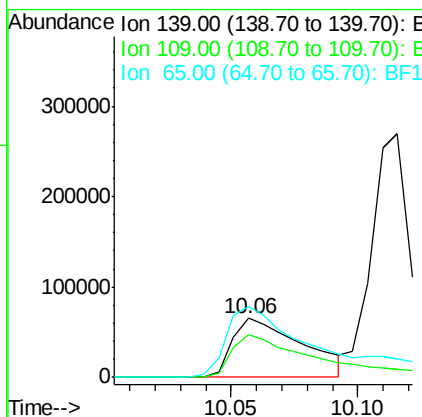
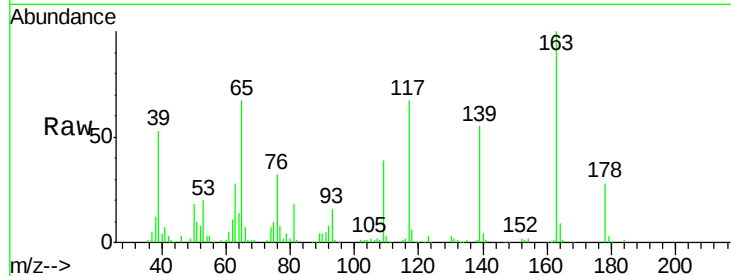




#55
4-Nitrophenol
Concen: 41.956 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

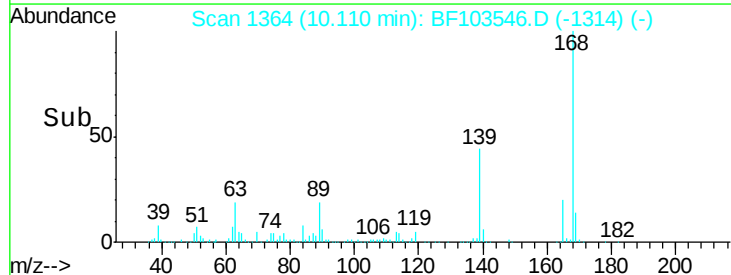
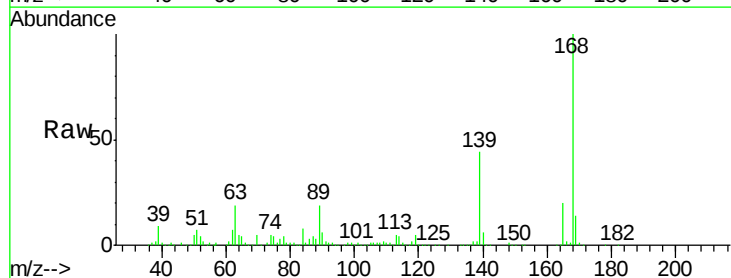
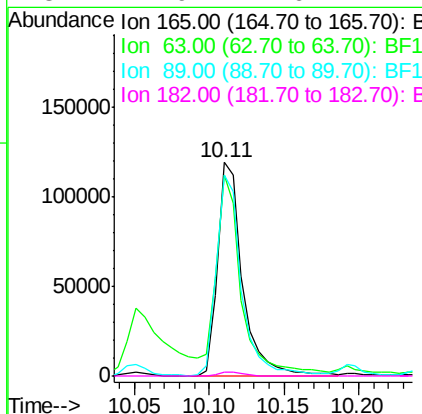
Instrument :
BNA_F
ClientSampleId :
PB107179BS

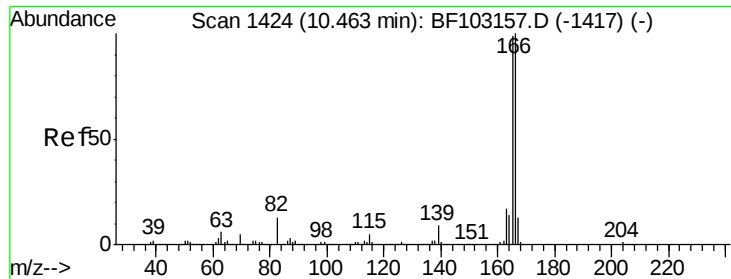
Tot Ion:139 Resp: 124598
Ion Ratio Lower Upper
139 100
109 71.7 48.4 88.4
65 121.4 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 29.479 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:165 Resp: 140807
Ion Ratio Lower Upper
165 100
63 94.1 36.4 54.6#
89 93.8 57.8 86.6#
182 1.9 1.6 2.4

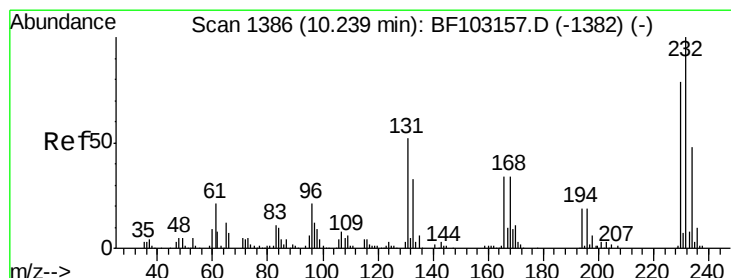
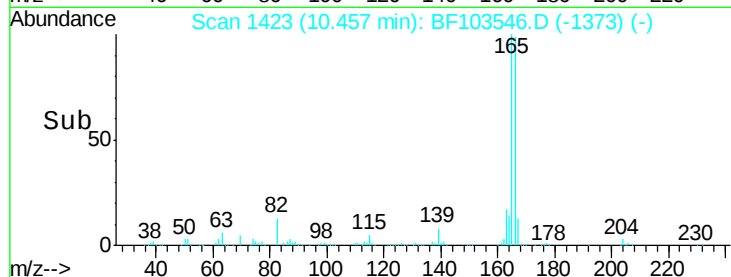
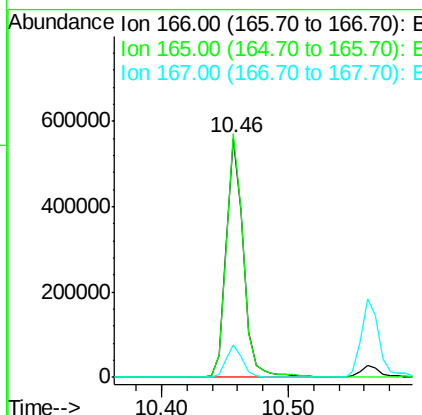
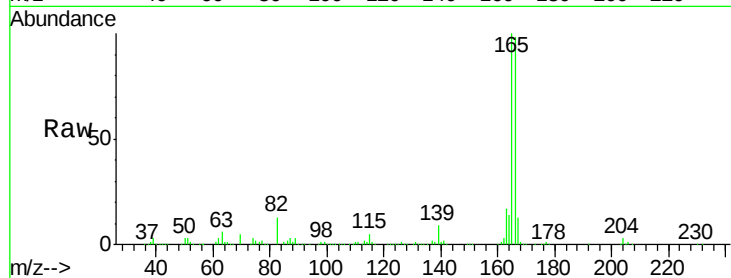




#57
 Fluorene
 Concen: 33.817 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

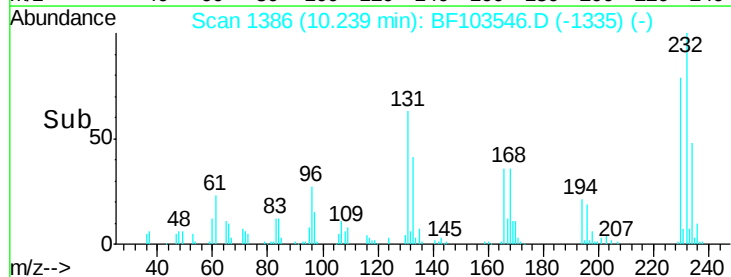
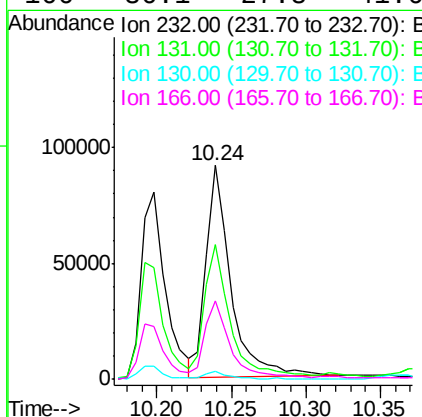
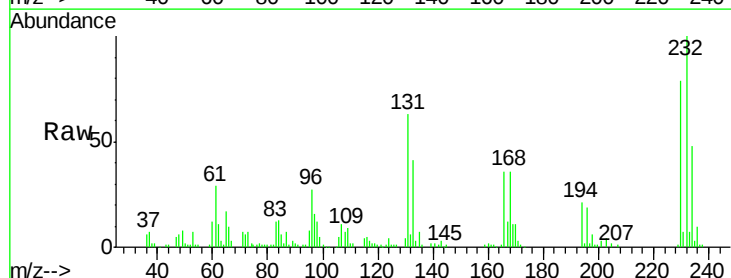
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

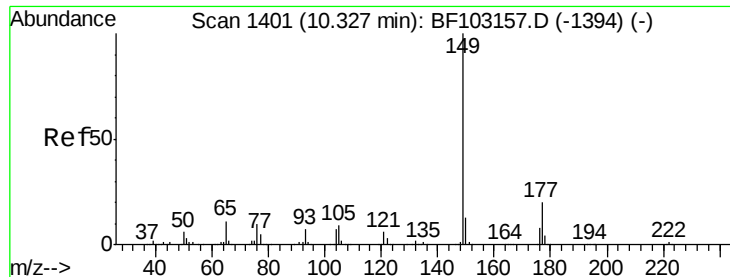
Tot Ion:166 Resp: 527668
 Ion Ratio Lower Upper
 166 100
 165 101.8 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.451 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:232 Resp: 106657
 Ion Ratio Lower Upper
 232 100
 131 60.8 43.8 65.8
 130 3.4 2.1 3.1#
 166 36.1 27.8 41.6





#59

Diethylphthalate

Concen: 36.816 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

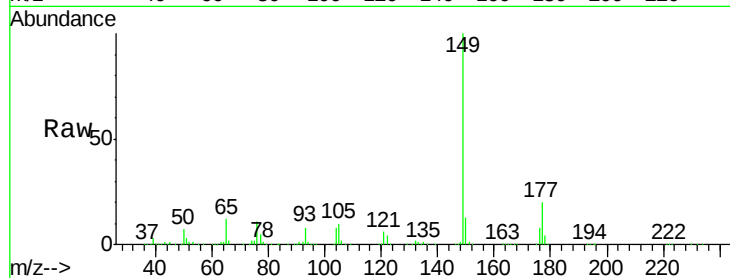
Tot Ion:149 Resp: 633714

Ion Ratio Lower Upper

149 100

177 19.8 16.1 24.1

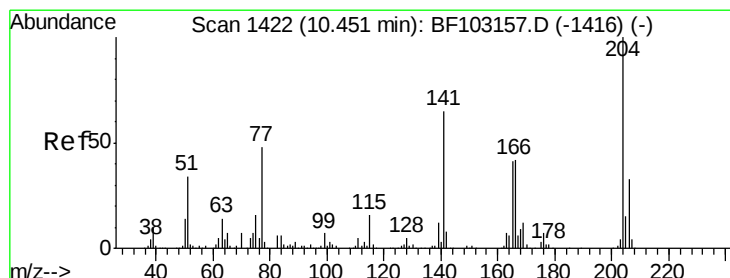
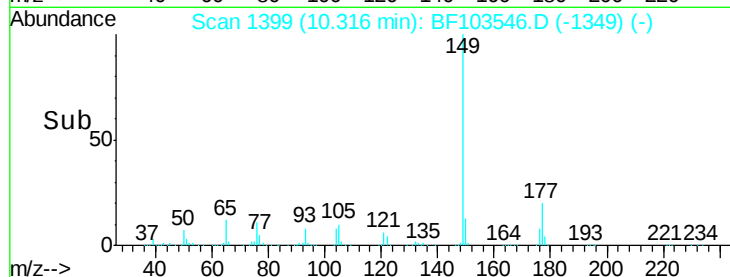
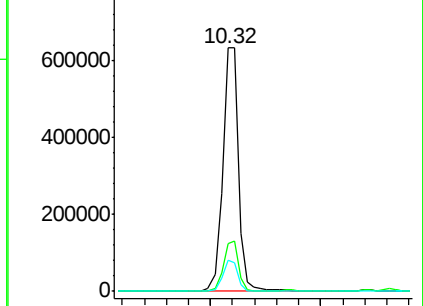
150 12.9 10.1 15.1



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: 36.405 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

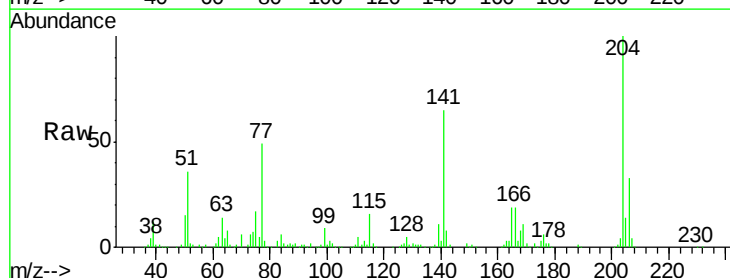
Tgt Ion:204 Resp: 240884

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

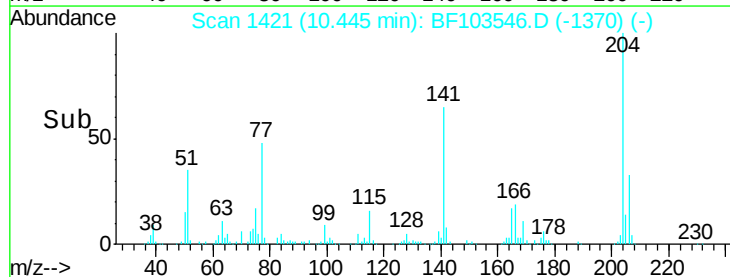
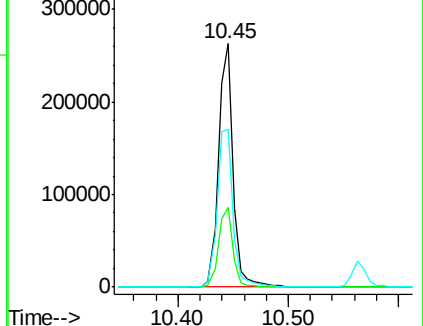
141 64.6 54.6 81.8

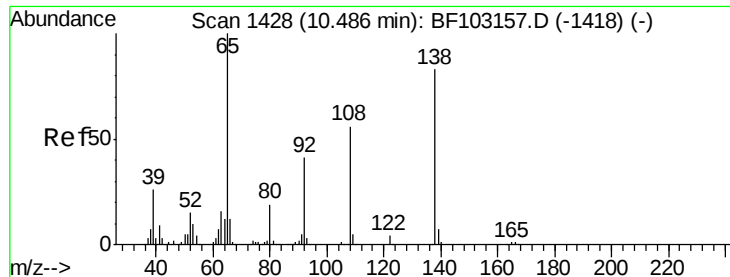


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

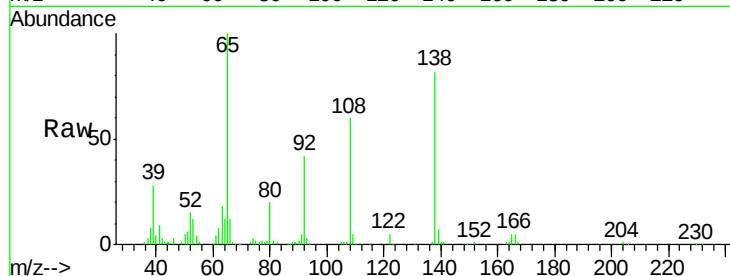




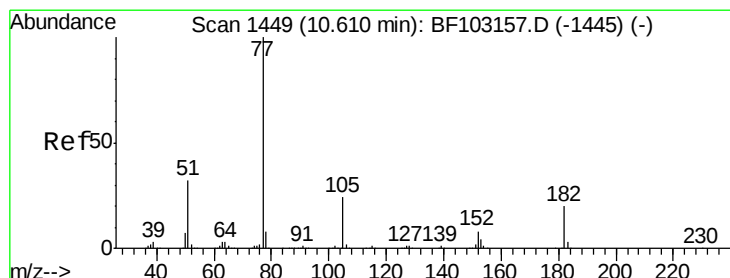
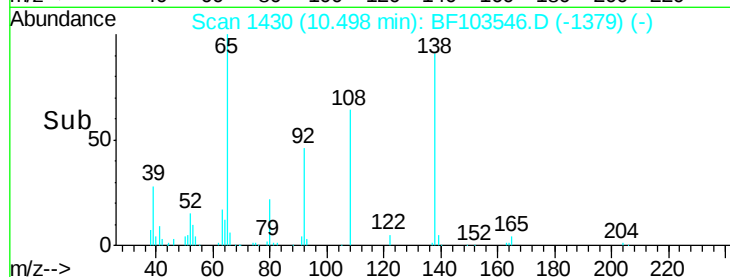
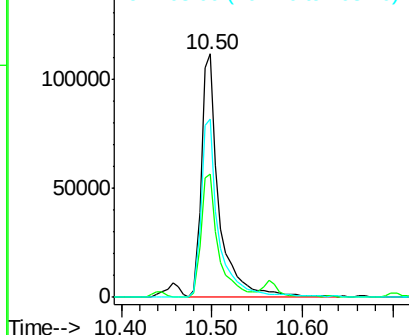
#61
4-Nitroaniline
Concen: 31.637 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :
PB107179BS

Tot Ion:138 Resp: 151416
Ion Ratio Lower Upper
138 100
92 50.8 30.2 70.2
108 73.5 52.5 92.5

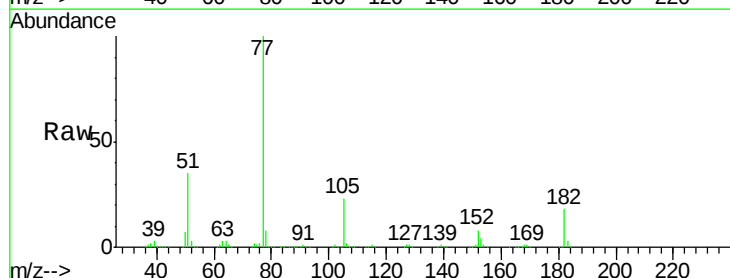


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

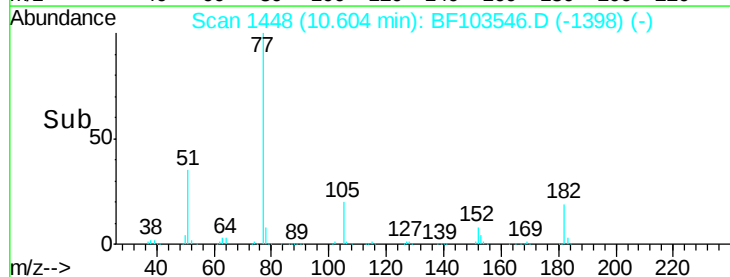
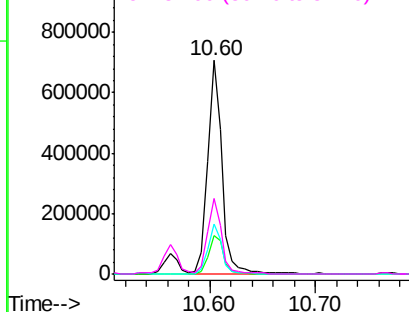


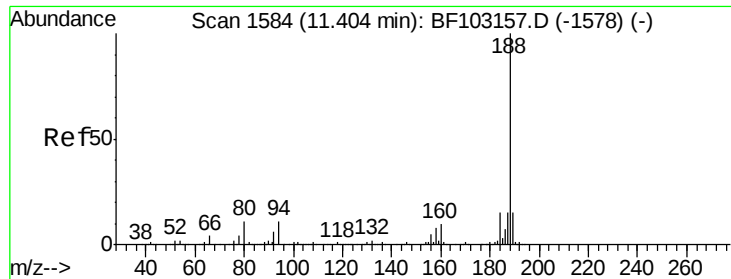
#62
Azobenzene
Concen: 37.715 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion: 77 Resp: 660793
Ion Ratio Lower Upper
77 100
182 18.3 1.7 41.7
105 23.2 3.0 43.0
51 35.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

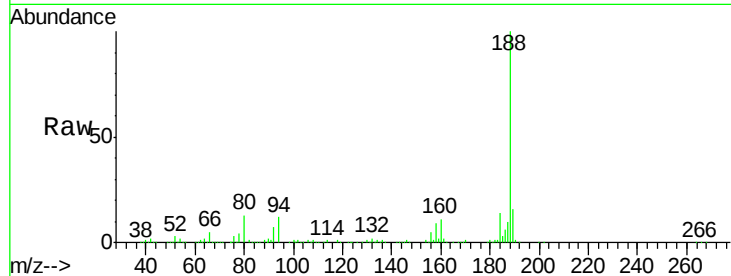
Tot Ion:188 Resp: 341555

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

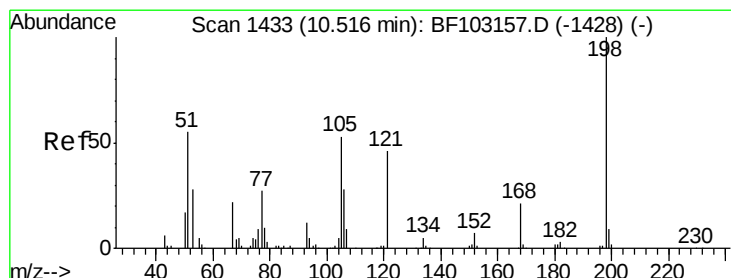
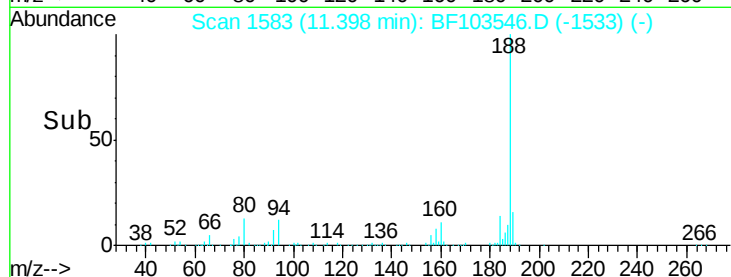
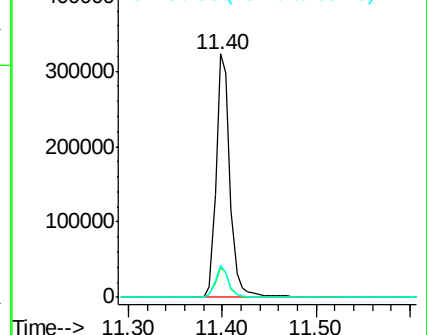
80 13.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 7.461 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

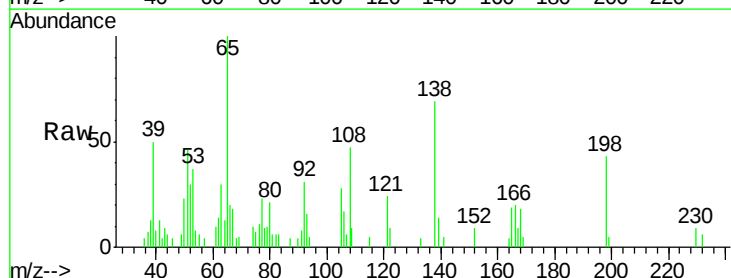
Tgt Ion:198 Resp: 5828

Ion Ratio Lower Upper

198 100

51 106.8 37.7 77.7#

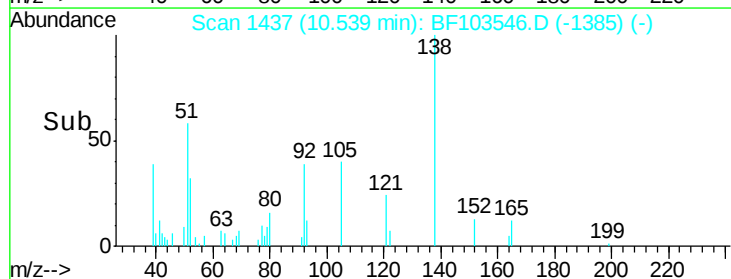
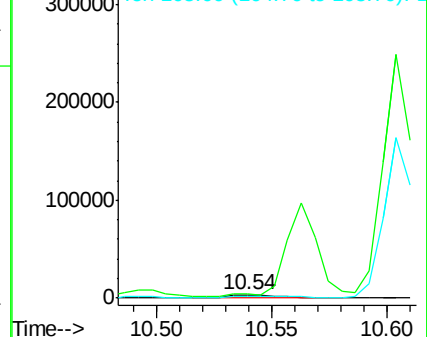
105 64.5 36.3 76.3

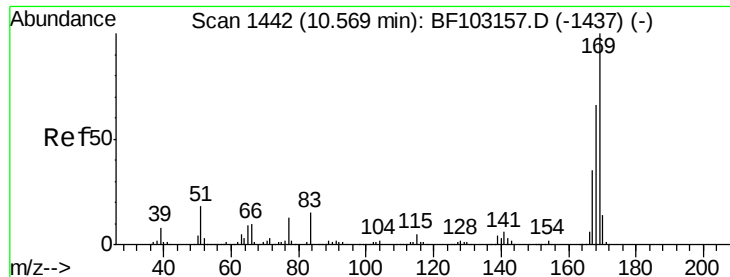


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.585 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

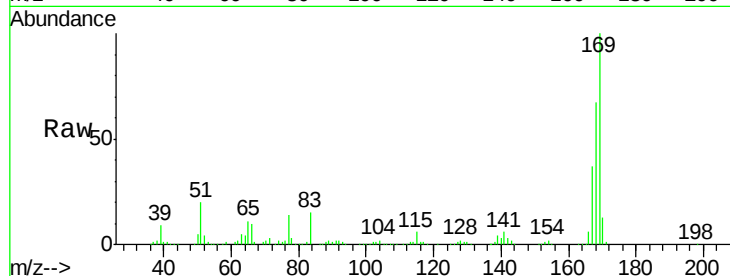
Tot Ion:169 Resp: 470766

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

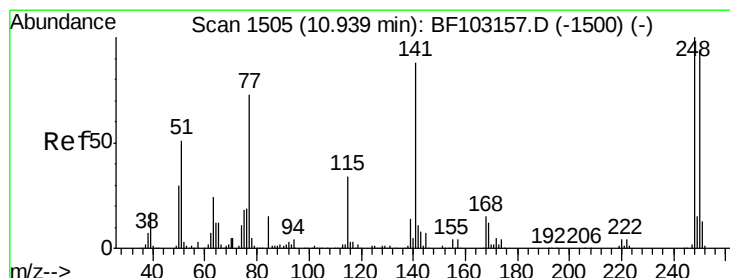
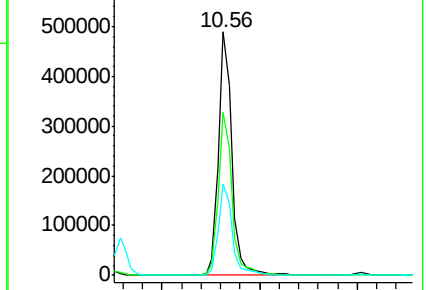
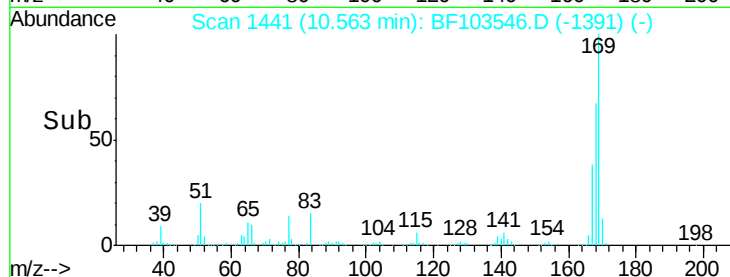
167 37.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.032 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

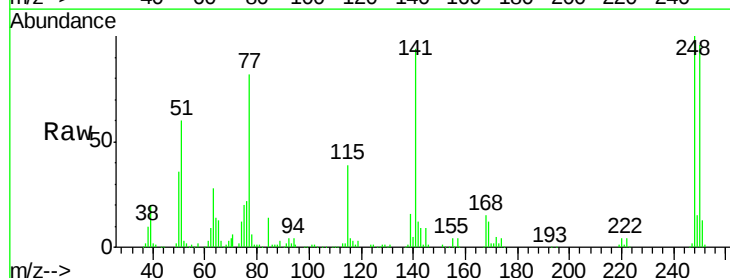
Tgt Ion:248 Resp: 131761

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

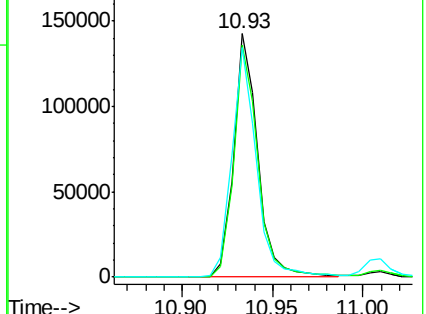
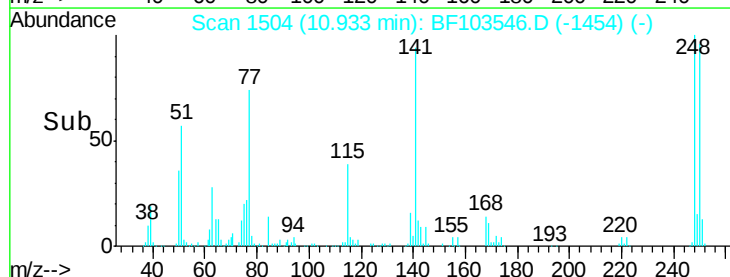
141 94.3 74.4 111.6

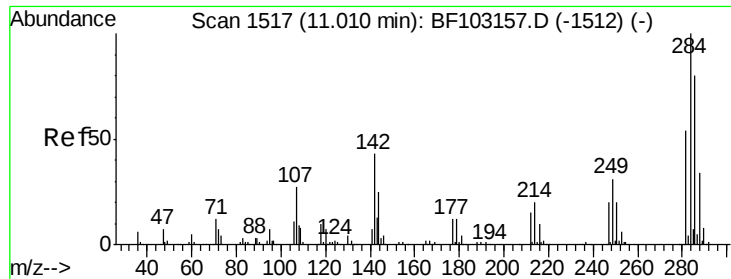


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.516 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

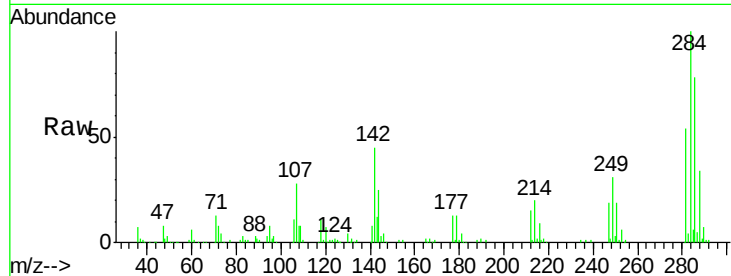
Tot Ion:284 Resp: 129435

Ion Ratio Lower Upper

284 100

142 44.6 34.6 52.0

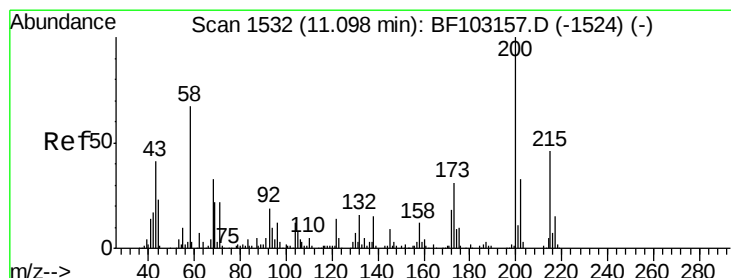
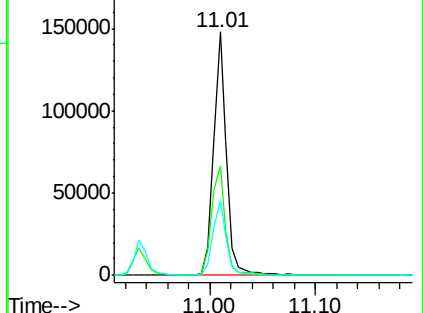
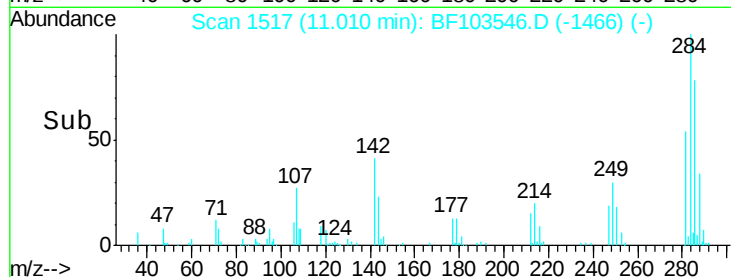
249 30.6 24.8 37.2



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: 37.170 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

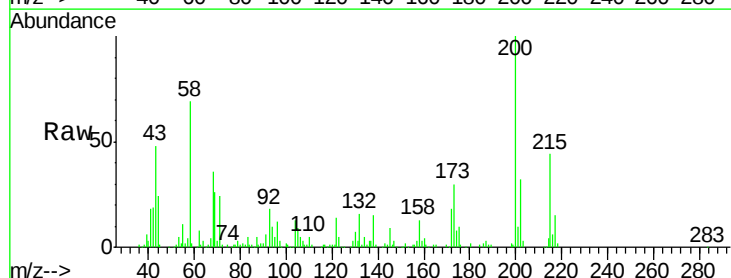
Tgt Ion:200 Resp: 132864

Ion Ratio Lower Upper

200 100

173 30.4 8.6 48.6

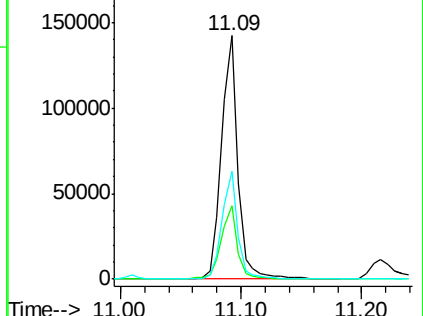
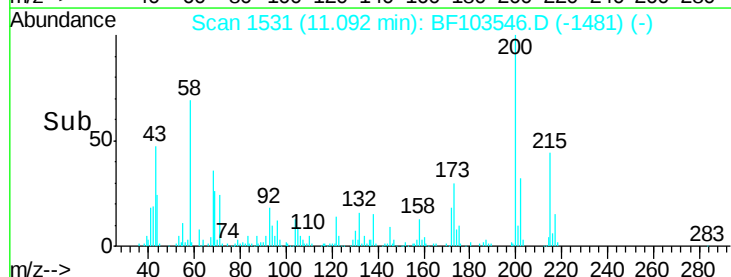
215 44.2 25.1 65.1

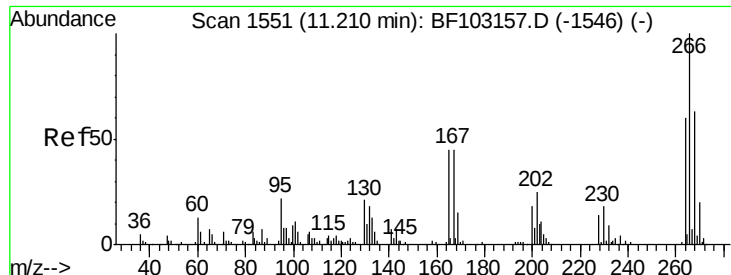


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

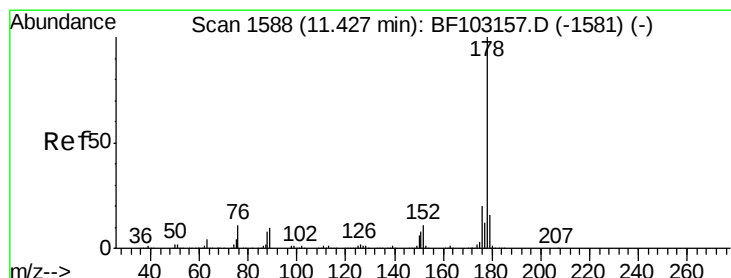
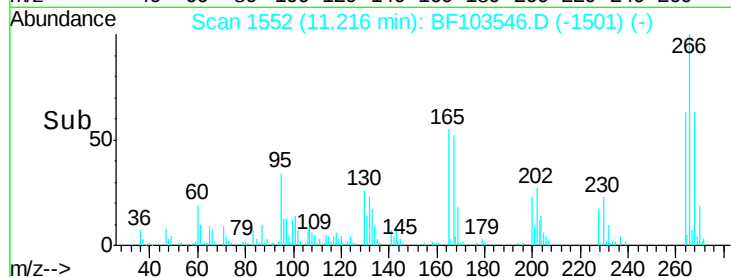
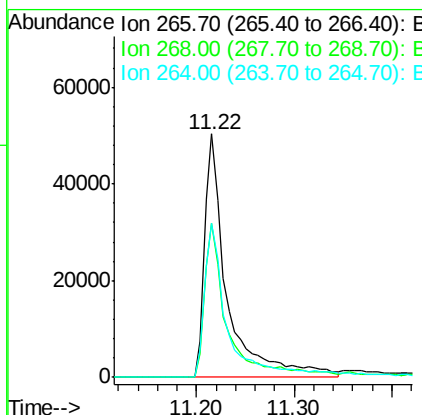
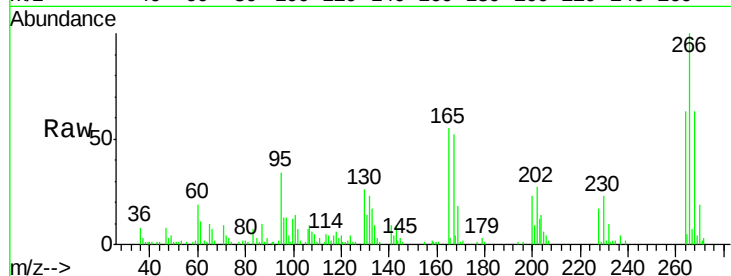




#69
 Pentachlorophenol
 Concen: 43.430 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

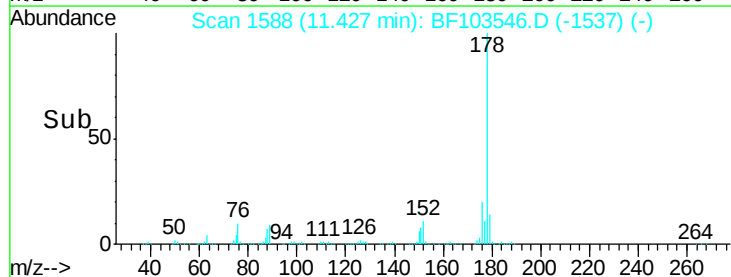
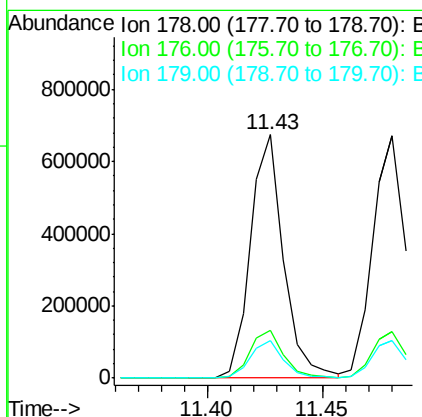
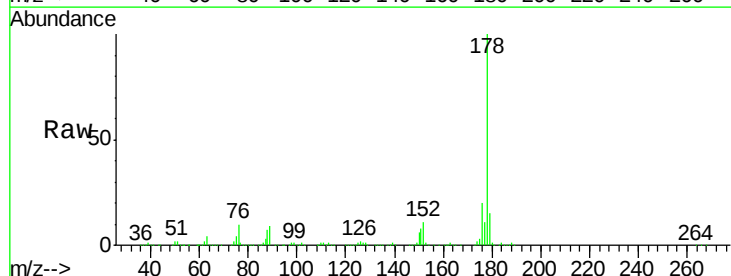
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

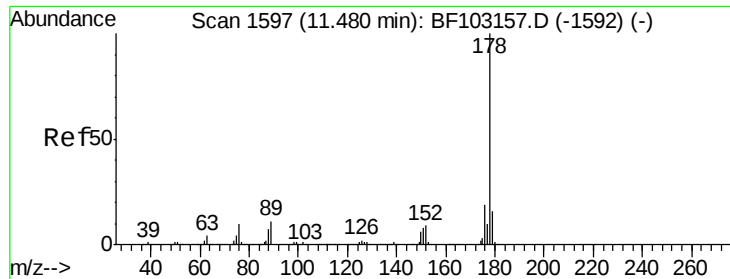
Tot Ion:266 Resp: 81095
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 35.983 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:178 Resp: 676363
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.3 13.0 19.6

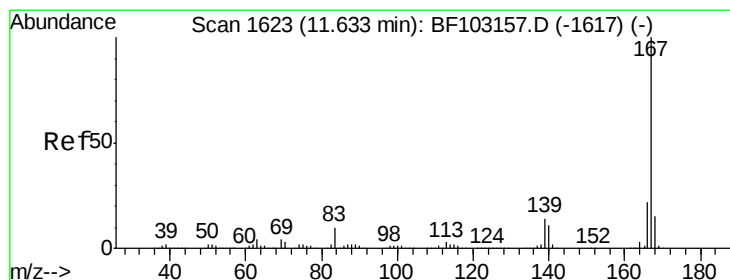
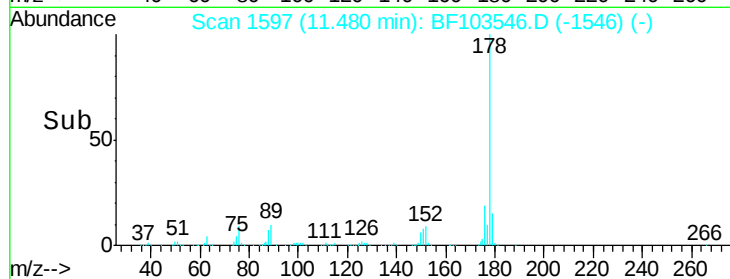
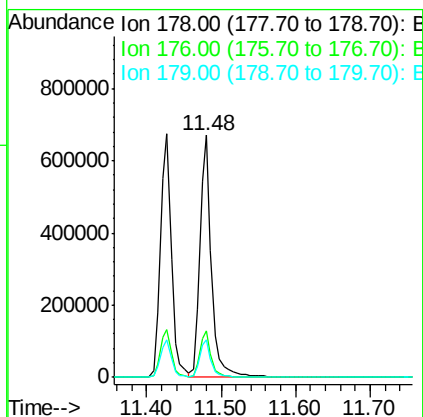
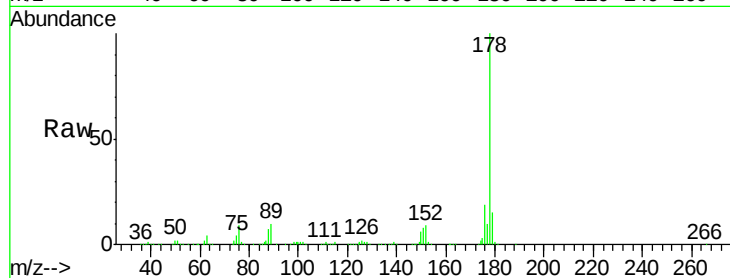




#71
 Anthracene
 Concen: 37.798 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

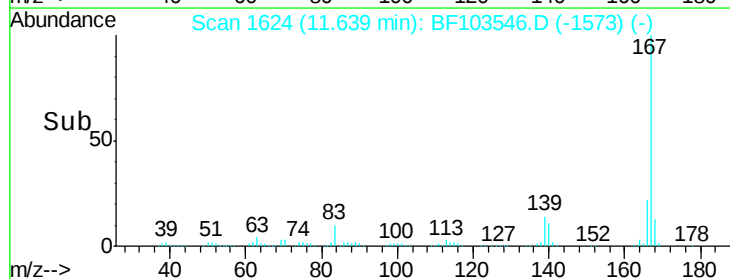
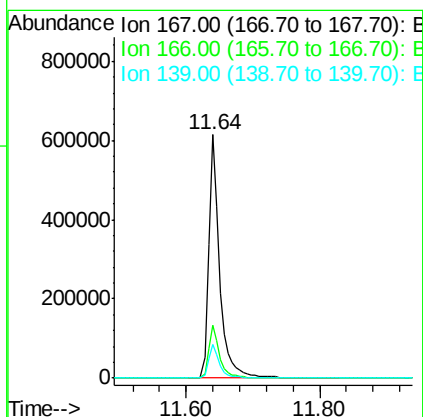
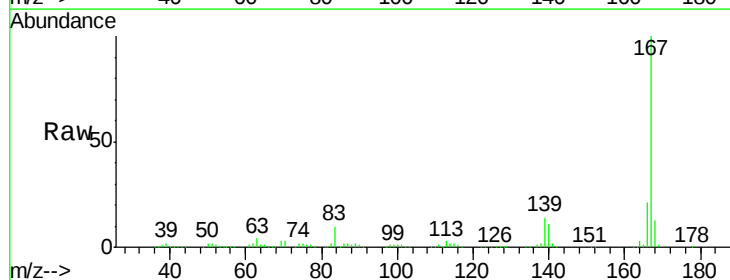
Instrument :
 BNA_F
 ClientSampleId :
 PB107179BS

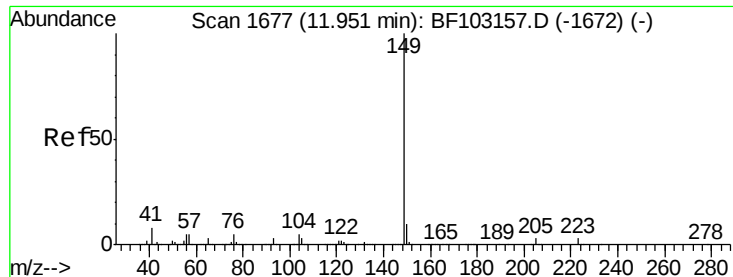
Tot Ion:178 Resp: 728549
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 36.814 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103546.D
 Acq: 9 Mar 2018 5:37

Tgt Ion:167 Resp: 706631
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.6 10.9 16.3

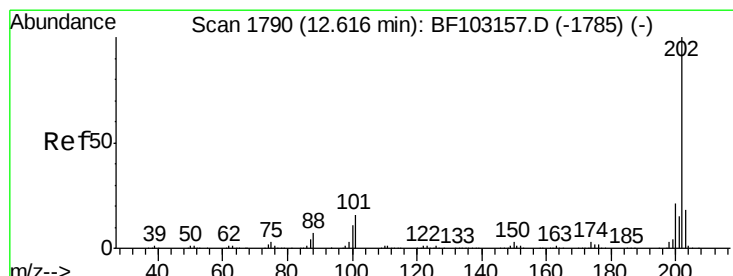
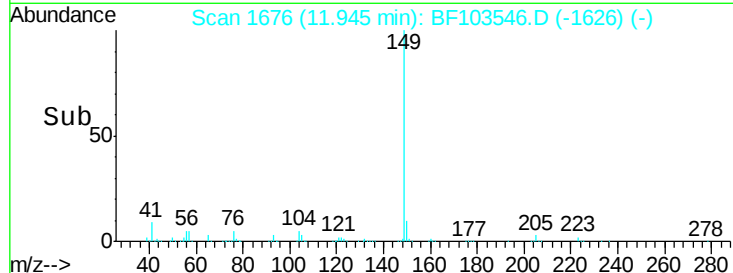
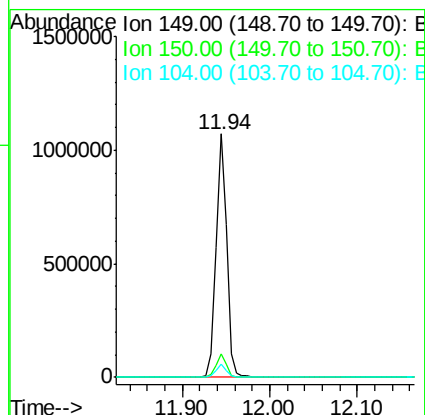
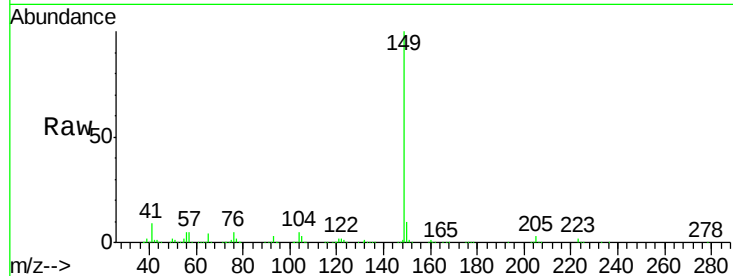




#73
Di-n-butylphthalate
Concen: 38.204 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

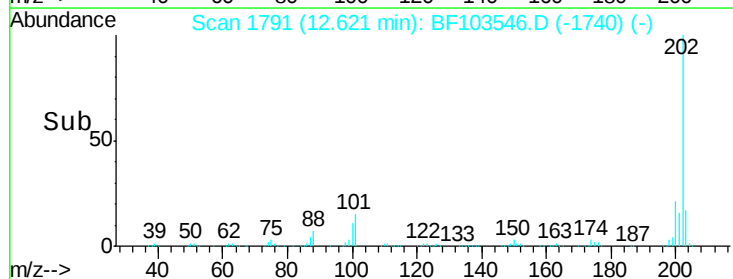
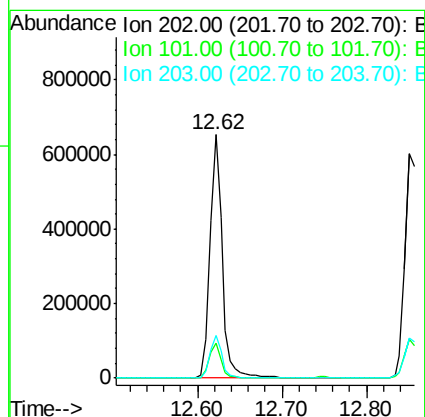
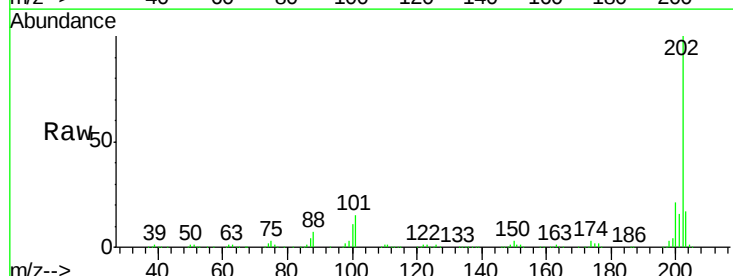
Instrument :
BNA_F
ClientSampleId :
PB107179BS

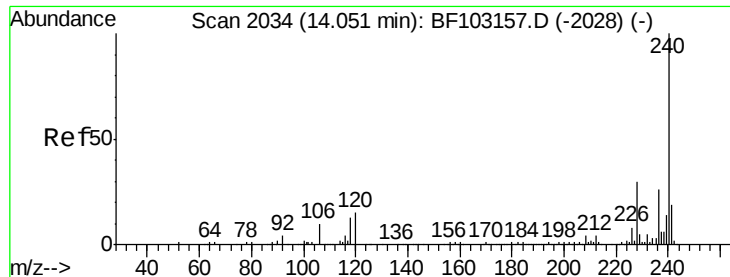
Tot Ion:149 Resp: 917587
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.3 3.8 5.8



#74
Fluoranthene
Concen: 35.263 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:202 Resp: 666082
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.1
203 17.5 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: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

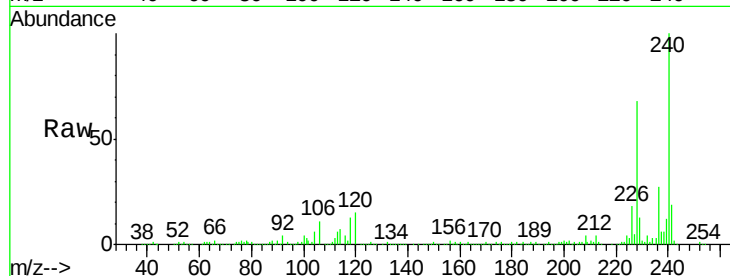
Tot Ion:240 Resp: 227820

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

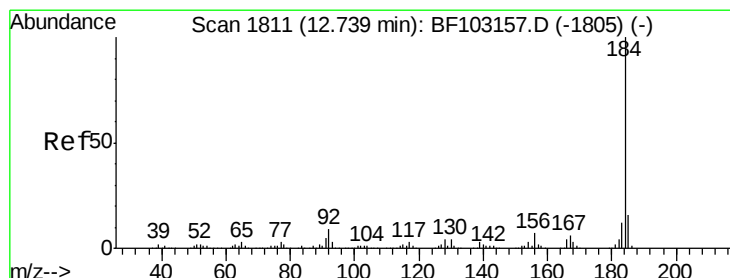
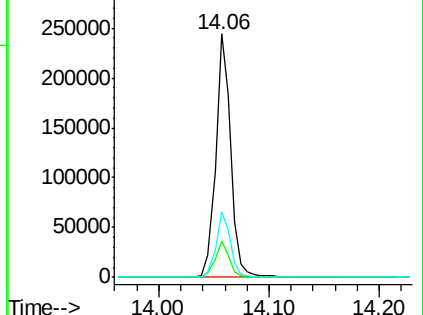
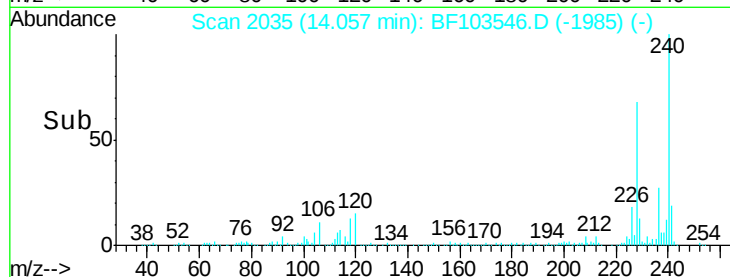
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 68.069 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

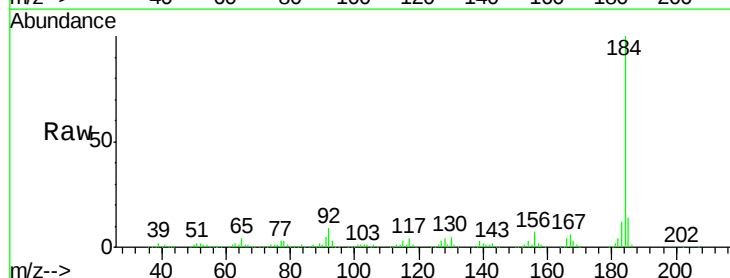
Tgt Ion:184 Resp: 579749

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

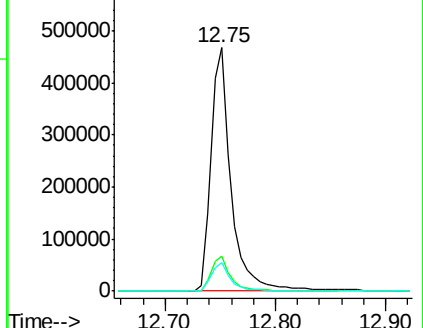
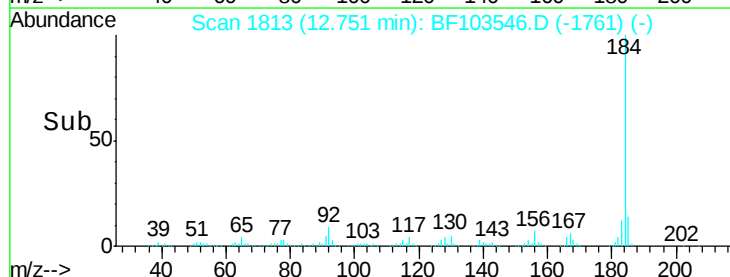
183 11.6 9.3 13.9

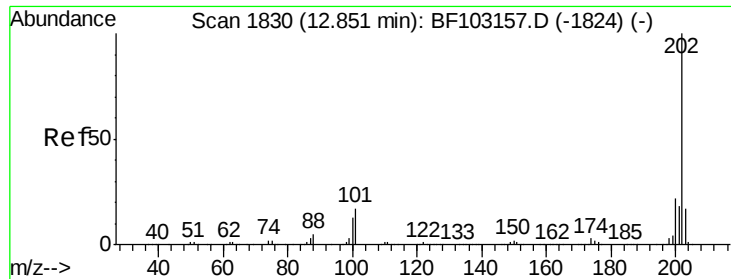


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

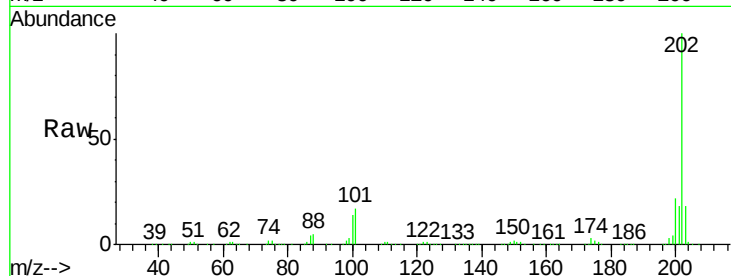




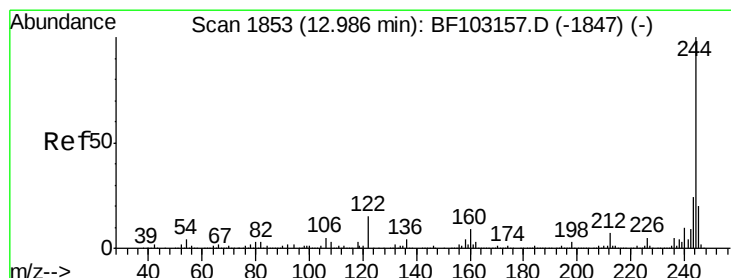
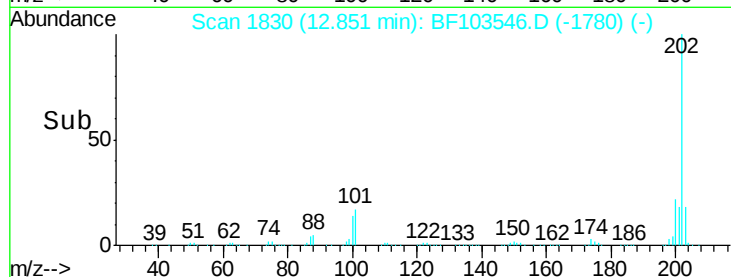
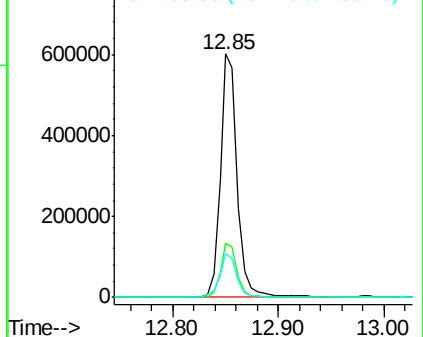
#77
Pvrene
Concen: 37.510 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Instrument :
BNA_F
ClientSampleId :
PB107179BS

Tot Ion:202 Resp: 666264
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.8 14.3 21.5

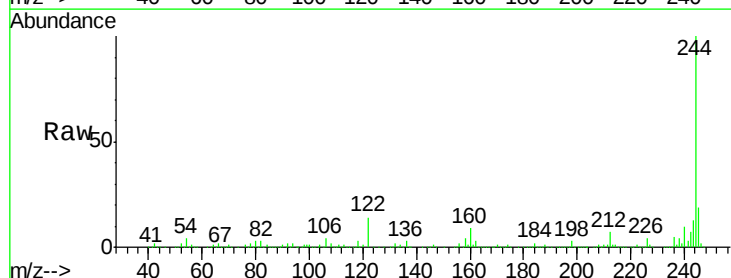


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

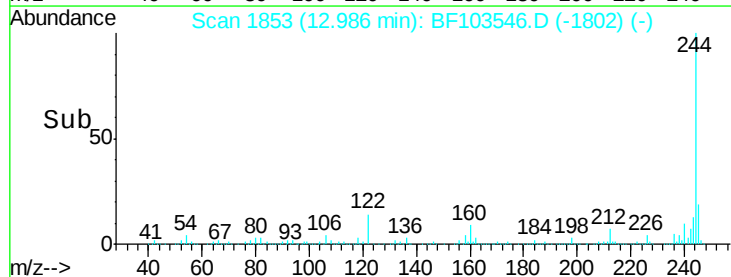
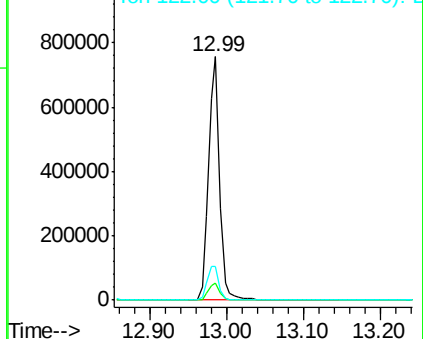


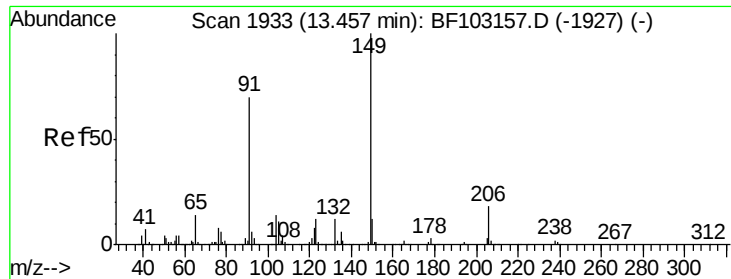
#78
Terphenyl-d14
Concen: 78.376 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:244 Resp: 742791
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.8 11.0 16.4



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

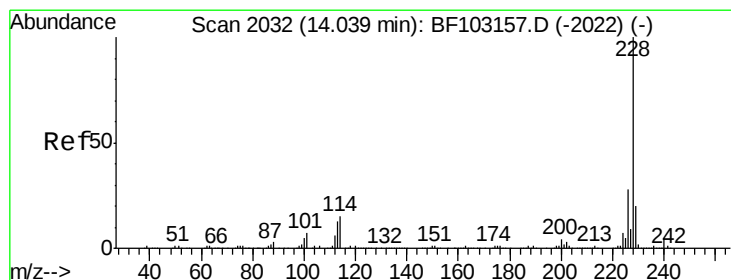
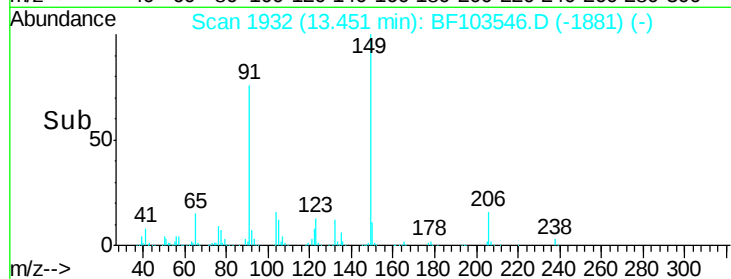
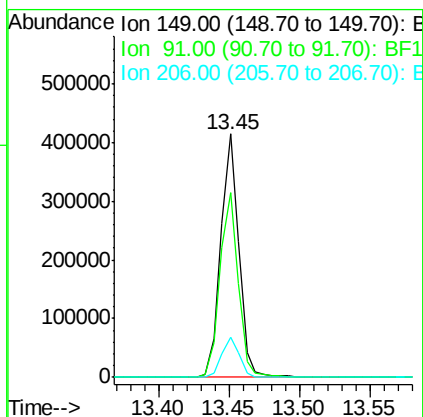
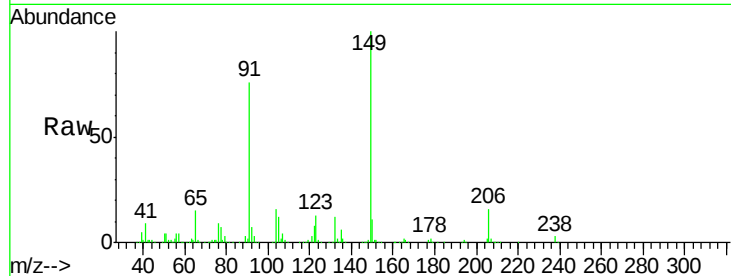




#79
Butylbenzylphthalate
Concen: 39.592 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

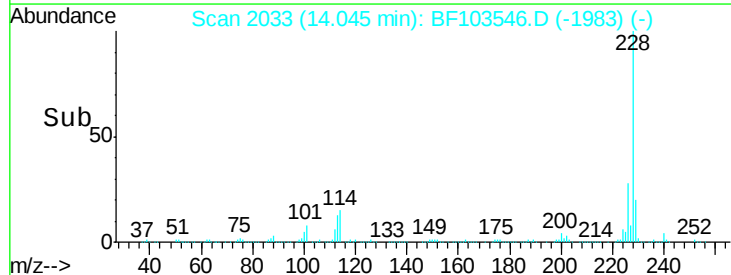
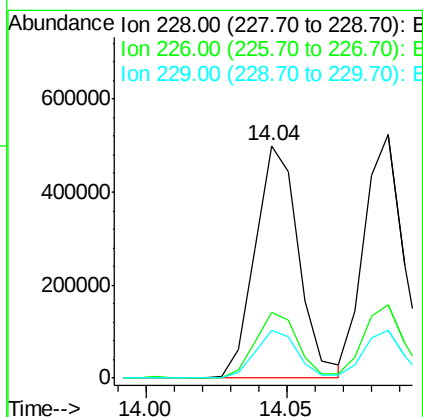
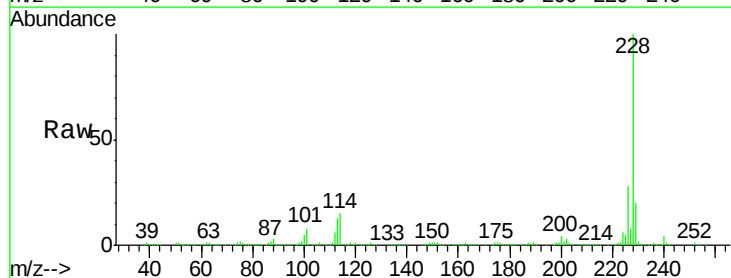
Instrument :
BNA_F
ClientSampleID :
PB107179BS

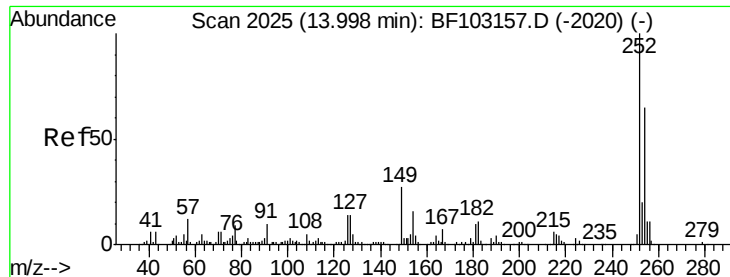
Tot Ion:149 Resp: 371550
Ion Ratio Lower Upper
149 100
91 75.8 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.273 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:228 Resp: 536183
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 37.278 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

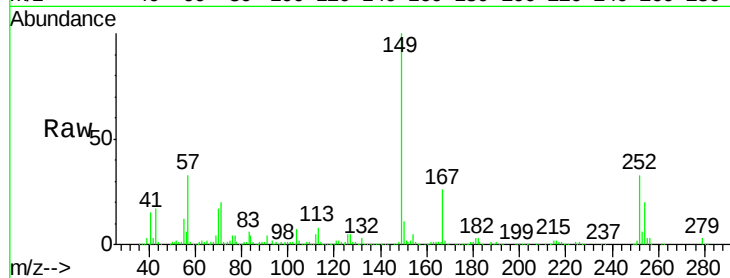
Tot Ion:252 Resp: 196652

Ion Ratio Lower Upper

252 100

254 61.3 50.4 75.6

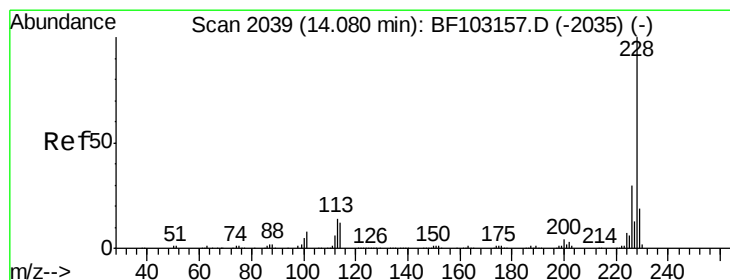
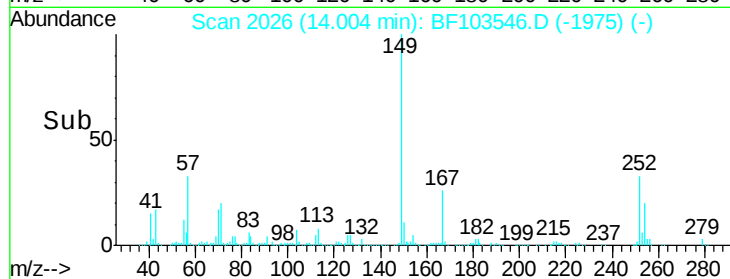
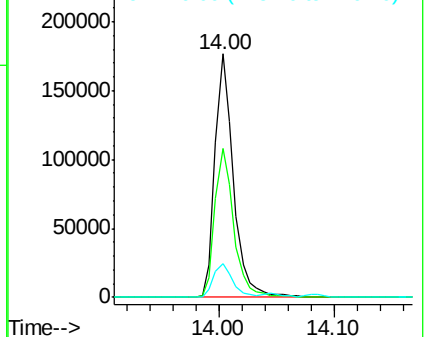
126 14.0 11.3 16.9



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: 36.562 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

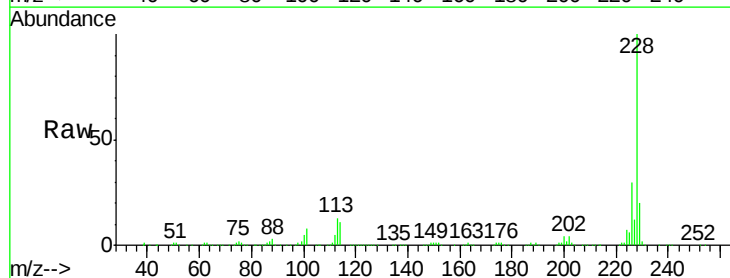
Tgt Ion:228 Resp: 524760

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

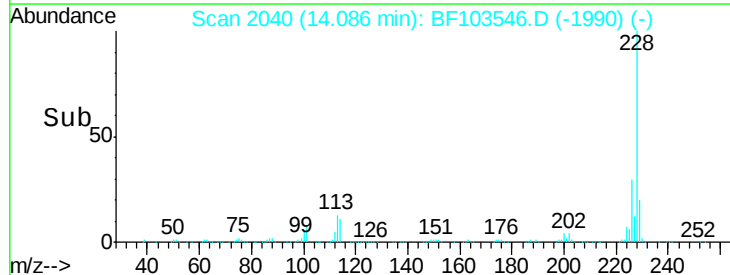
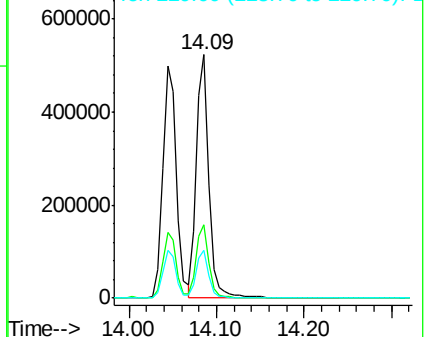
229 19.8 16.2 24.4

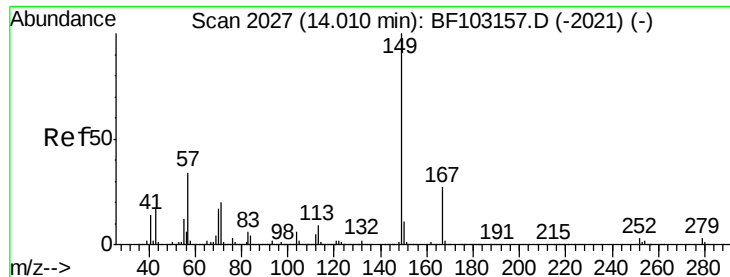


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.679 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

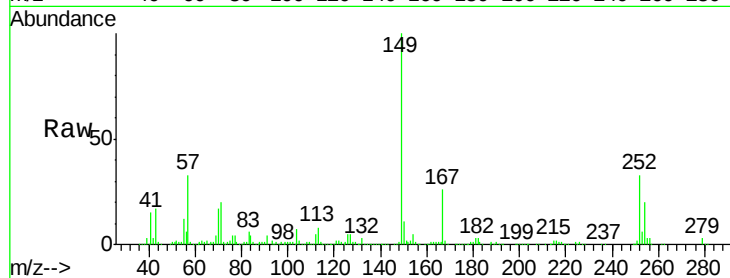
Tot Ion:149 Resp: 464509

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

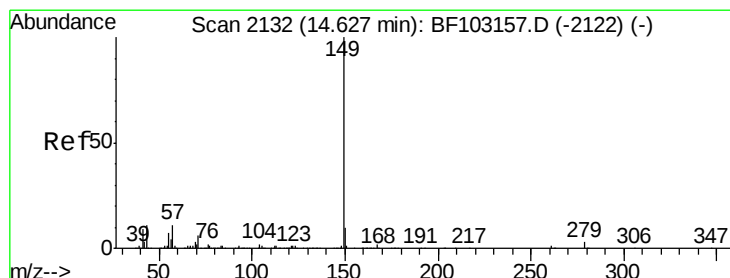
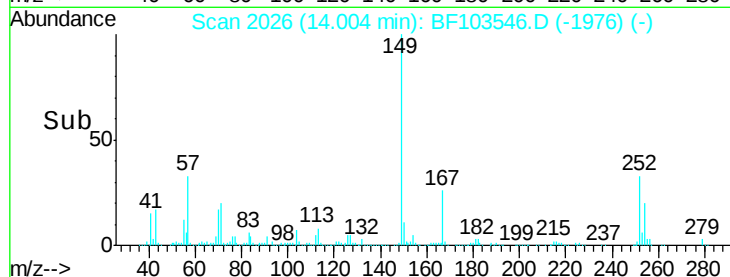
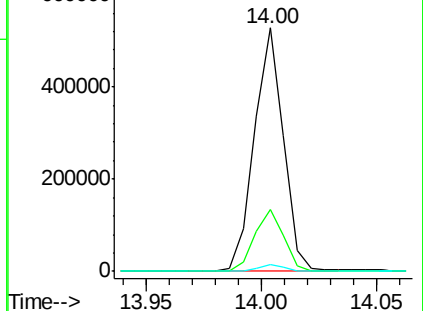
279 2.6 3.0 4.4#



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: 41.818 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

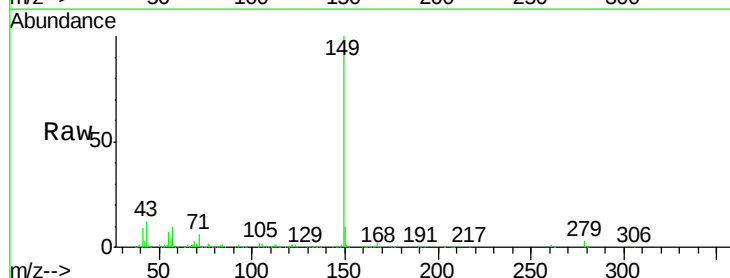
Tgt Ion:149 Resp: 855641

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

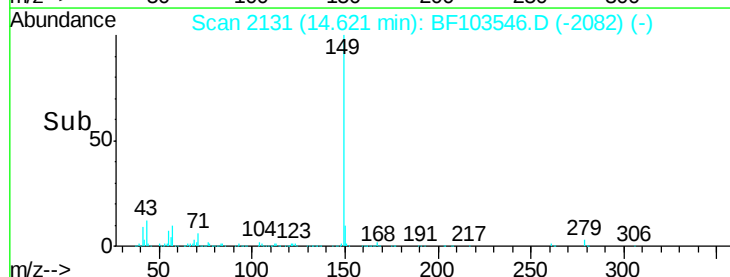
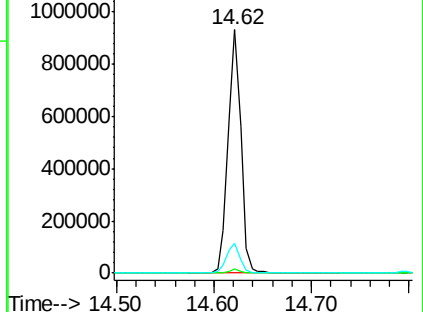
43 12.2 8.4 12.6

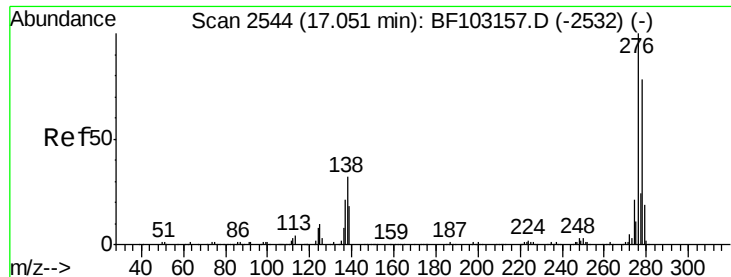


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.465 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.02 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

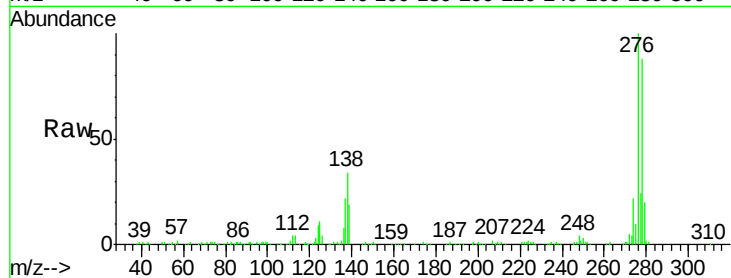
Tot Ion:276 Resp: 368887

Ion Ratio Lower Upper

276 100

138 34.5 25.0 37.6

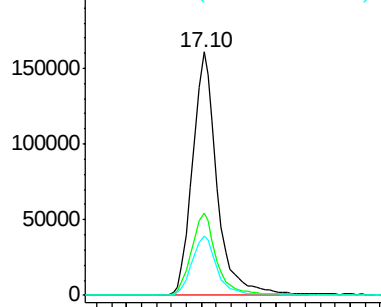
277 25.3 20.1 30.1



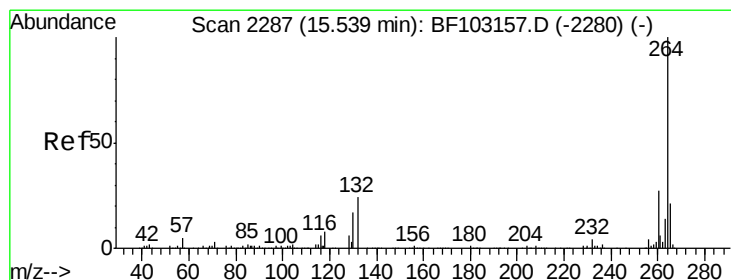
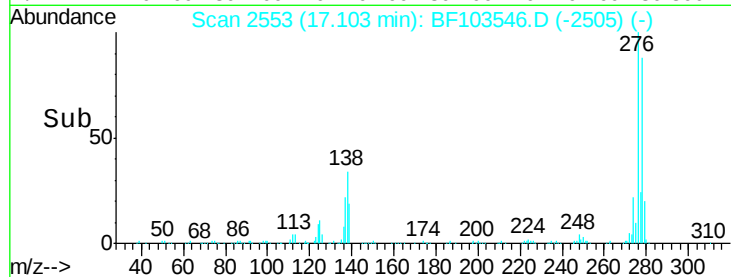
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

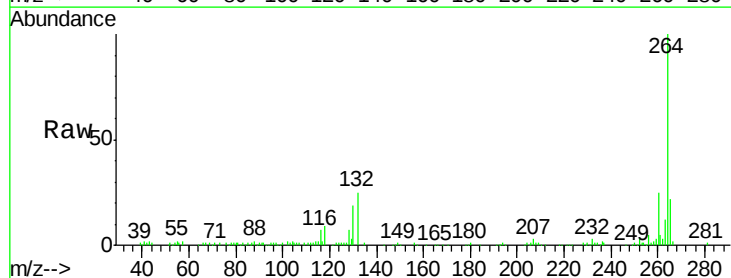
Tgt Ion:264 Resp: 177939

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

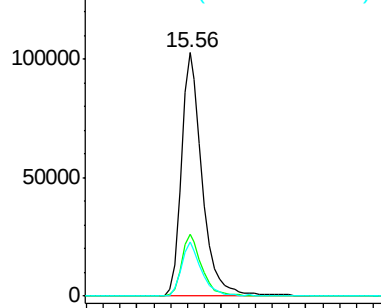
265 22.4 17.5 26.3



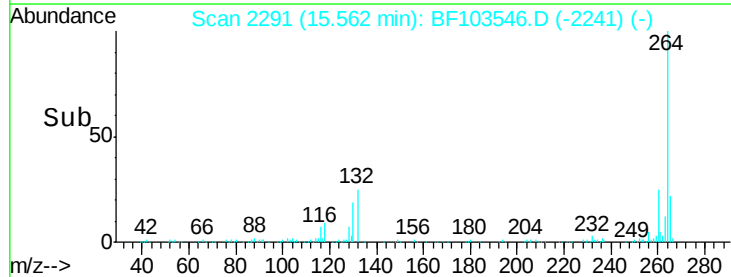
Abundance Ion 264.00 (263.70 to 264.70): E

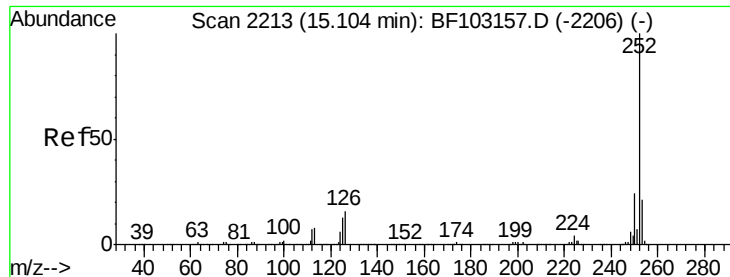
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

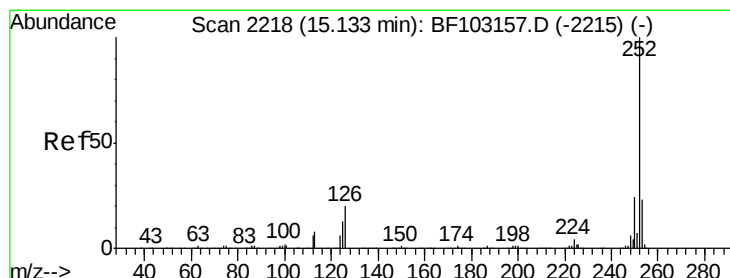
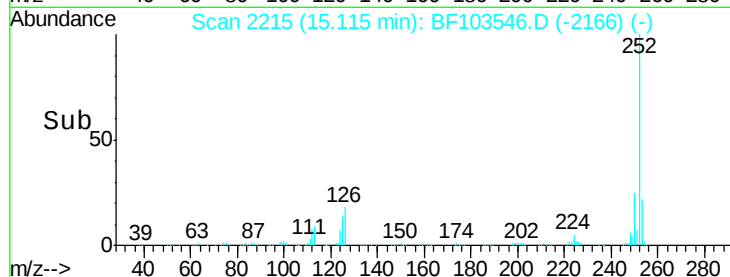
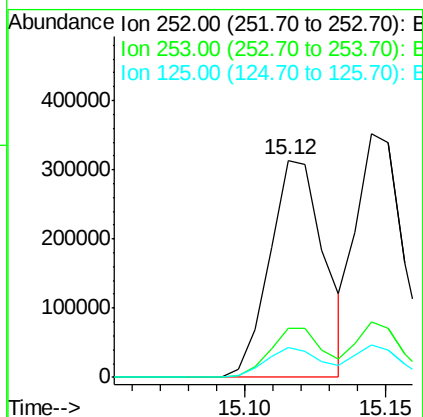
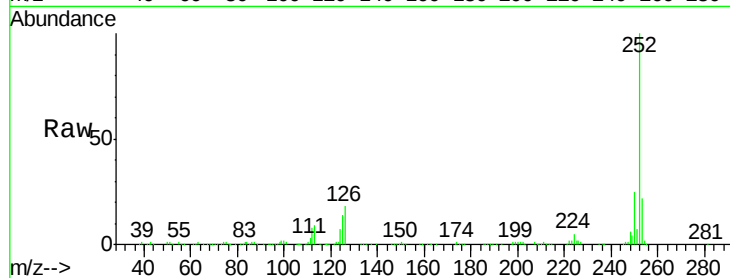




#87
Benzo(b)fluoranthene
Concen: 36.016 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

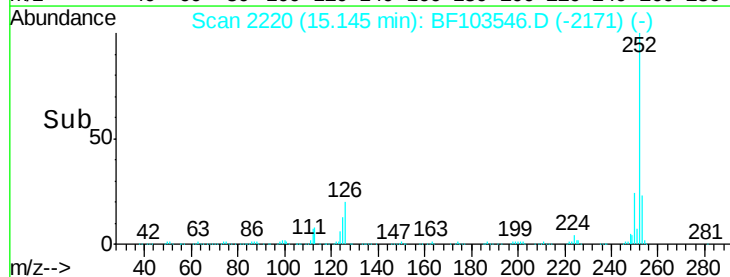
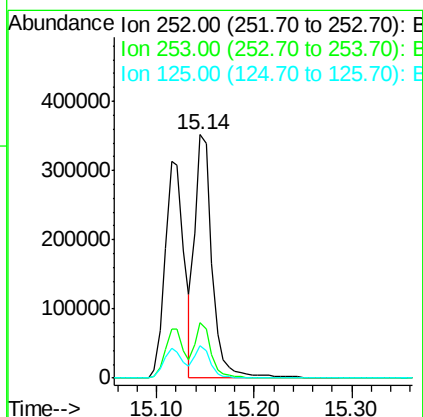
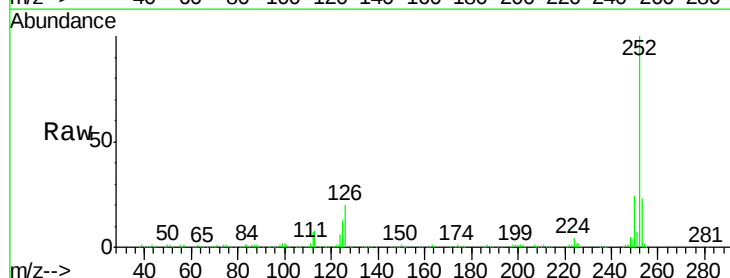
Instrument :
BNA_F
ClientSampleId :
PB107179BS

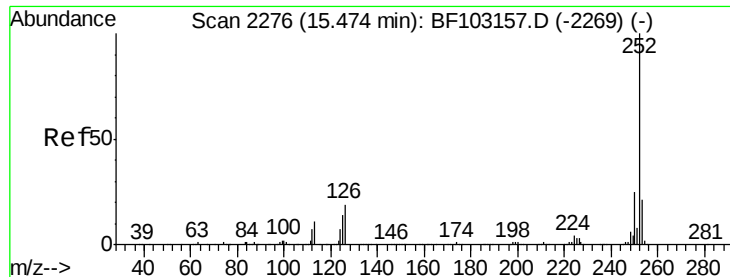
Tot Ion:252 Resp: 421366
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.932 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:252 Resp: 428904
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.2 10.2 15.2

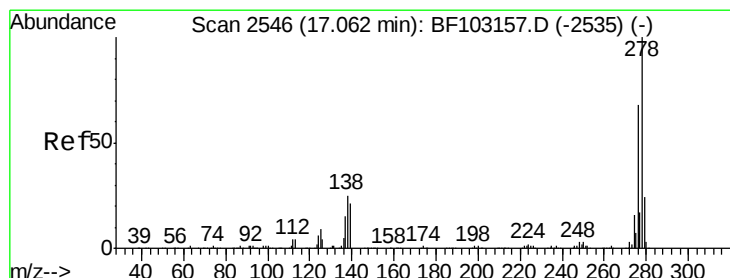
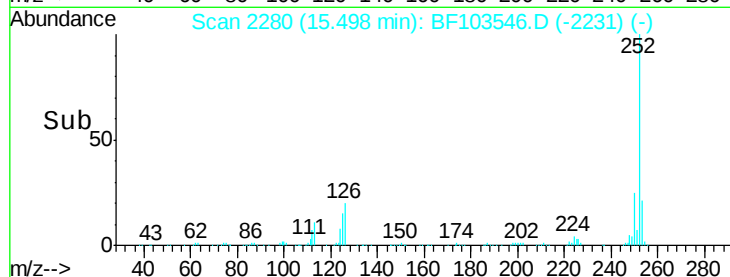
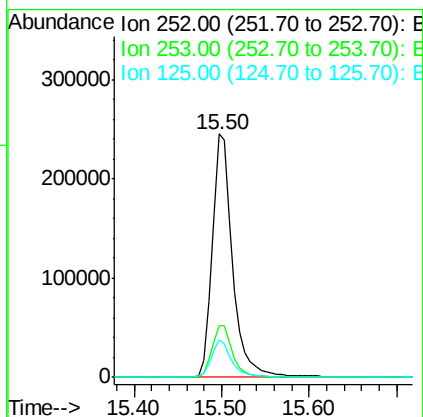
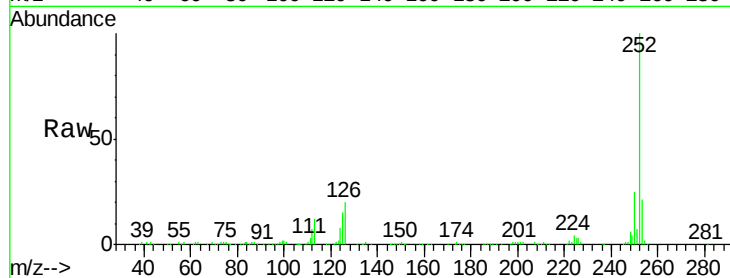




#89
Benzo(a)pyrene
Concen: 37.910 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

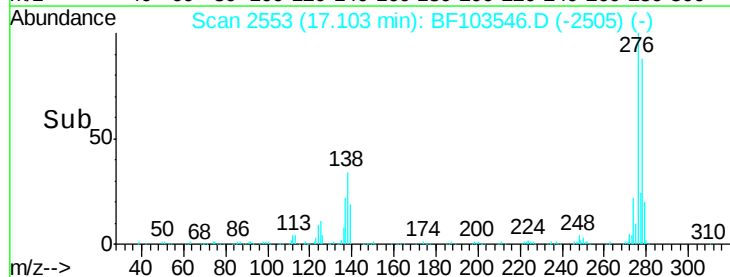
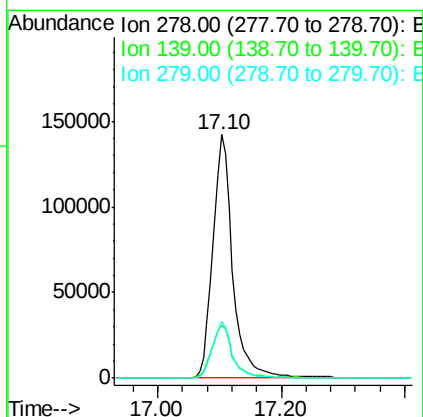
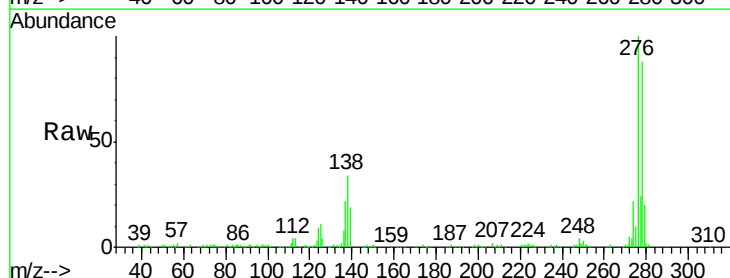
Instrument :
BNA_F
ClientSampleId :
PB107179BS

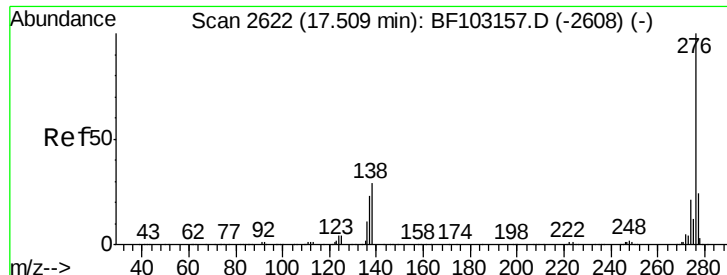
Tot Ion:252 Resp: 396061
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 15.4 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 39.191 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF103546.D
Acq: 9 Mar 2018 5:37

Tgt Ion:278 Resp: 316386
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.461 ng

RT: 17.57 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BF103546.D

Acq: 9 Mar 2018 5:37

Instrument :

BNA_F

ClientSampleId :

PB107179BS

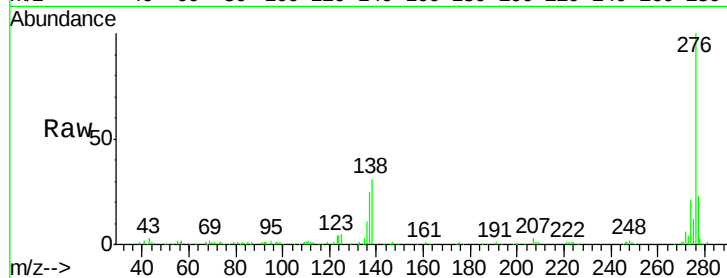
Tot Ion:276 Resp: 311347

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 30.5 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

