

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103180.D
 Acq On : 22 Feb 2018 23:13
 Operator : SJ/JU
 Sample : PB106745BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Quant Time: Feb 23 02:16:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167491	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	701178	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	284330	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	409503	20.00	ng	0.00
75) Chrysene-d12	14.05	240	273602	20.00	ng	0.00
86) Perylene-d12	15.54	264	256760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1025225	92.58	ng	0.02
7) Phenol-d6	6.51	99	1219253	89.97	ng	0.00
23) Nitrobenzene-d5	7.44	82	792887	64.58	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	195576	81.26	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1220161	71.07	ng	0.00
78) Terphenyl-d14	12.98	244	793276	69.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	173514	29.665	ng	91
3) Pyridine	3.50	79	479603	30.714	ng	92
4) n-Nitrosodimethylamine	3.45	42	233703	37.110	ng	100
6) Aniline	6.53	93	309802	15.841	ng	95
8) 2-Chlorophenol	6.66	128	388805	33.796	ng	92
9) Benzaldehyde	6.42	77	240809	26.536	ng	98
10) Phenol	6.52	94	487524	30.991	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	394032	33.002	ng	91
12) 1,3-Dichlorobenzene	6.81	146	411341	31.288	ng	97
13) 1,4-Dichlorobenzene	6.89	146	415156	31.497	ng	99
14) 1,2-Dichlorobenzene	7.04	146	381875	31.420	ng	100
15) Benzyl Alcohol	7.02	79	333592	32.669	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	665916	32.479	ng	97
17) 2-Methylphenol	7.13	107	337081	32.242	ng	98
18) Hexachloroethane	7.38	117	135755	28.292	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	261011	30.949	ng	98
20) 3+4-Methylphenols	7.28	107	381374	29.925	ng	# 59
22) Acetophenone	7.28	105	512701	31.326	ng	# 90
24) Nitrobenzene	7.46	77	426821	31.574	ng	99
25) Isophorone	7.69	82	792092	32.756	ng	97
26) 2-Nitrophenol	7.77	139	210189	33.029	ng	94
27) 2,4-Dimethylphenol	7.80	122	351115	36.096	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	491618	34.579	ng	99
29) 2,4-Dichlorophenol	8.02	162	312146	33.517	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	310405	31.299	ng	96
31) Naphthalene	8.17	128	1079247	31.439	ng	99
32) Benzoic acid	7.92	122	158450	25.707	ng	97
33) 4-Chloroaniline	8.23	127	129139	8.718	ng	99
34) Hexachlorobutadiene	8.29	225	155318	30.075	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	341613	32.521	ng	99
37) 2-Methylnaphthalene	8.87	142	702408	31.660	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	267127	34.366	ng	99
40) Hexachlorocyclopentadiene	9.02	237	18069	14.744	ng	96
42) 2,4,6-Trichlorophenol	9.15	196	185269	35.422	ng	100

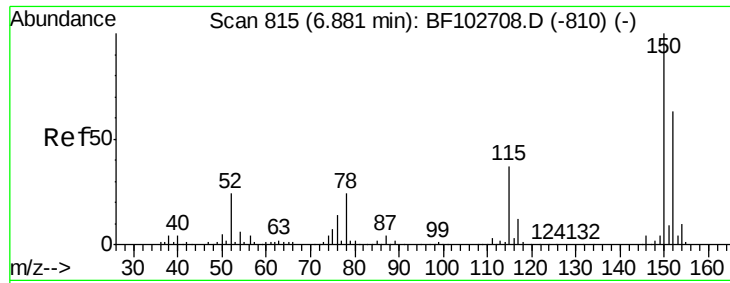
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	189323	31.472	nq	96
45) 1,1'-Biphenyl	9.33	154	785609	32.973	nq	97
46) 2-Chloronaphthalene	9.36	162	622674	33.035	nq	99
47) 2-Nitroaniline	9.46	65	237170	33.968	nq	94
48) Acenaphthylene	9.77	152	929658	32.056	nq	100
49) Dimethylphthalate	9.63	163	753076	33.016	nq	100
50) 2,6-Dinitrotoluene	9.70	165	155749	32.538	nq	98
51) Acenaphthene	9.95	154	530839	31.390	nq	99
52) 3-Nitroaniline	9.87	138	119196	19.628	nq	92
53) 2,4-Dinitrophenol	9.98	184	16764	18.151	nq	# 21
54) Dibenzofuran	10.12	168	800308	34.475	nq	97
55) 4-Nitrophenol	10.03	139	208161	55.306	nq	91
56) 2,4-Dinitrotoluene	10.10	165	195370	32.272	nq	97
57) Fluorene	10.46	166	591861	29.929	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	128211	31.727	nq	99
59) Diethylphthalate	10.33	149	707728	32.442	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	270272	32.228	nq	97
61) 4-Nitroaniline	10.48	138	155852	25.694	nq	93
62) Azobenzene	10.61	77	712077	32.068	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	19093	11.819	nq	91
65) n-Nitrosodiphenylamine	10.57	169	537828	37.720	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	154493	36.217	nq	97
67) Hexachlorobenzene	11.01	284	156776	33.860	nq	96
68) Atrazine	11.09	200	160404	37.429	nq	98
69) Pentachlorophenol	11.20	266	118084	52.746	nq	98
70) Phenanthrene	11.43	178	736898	32.698	nq	99
71) Anthracene	11.48	178	757340	32.772	nq	99
72) Carbazole	11.63	167	709236	30.819	nq	99
73) Di-n-butylphthalate	11.95	149	993901	34.515	nq	100
74) Fluoranthene	12.62	202	650953	28.744	nq	98
76) Benzidine	12.74	184	445600	43.564	nq	97
77) Pyrene	12.85	202	648666	30.409	nq	99
79) Butylbenzylphthalate	13.45	149	349908	31.047	nq	96
80) Benzo(a)anthracene	14.04	228	585641	32.990	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	208253	32.871	nq	98
82) Chrysene	14.07	228	562297	32.621	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	478526	31.463	nq	98
84) Di-n-octyl phthalate	14.63	149	855752	34.825	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	432605	31.702	nq	97
87) Benzo(b)fluoranthene	15.10	252	572031	33.885	nq	99
88) Benzo(k)fluoranthene	15.13	252	537439	33.808	nq	98
89) Benzo(a)pyrene	15.47	252	509628	33.805	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	377595	32.414	nq	99
91) Benzo(g,h,i)perylene	17.50	276	346601	30.444	nq	97

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

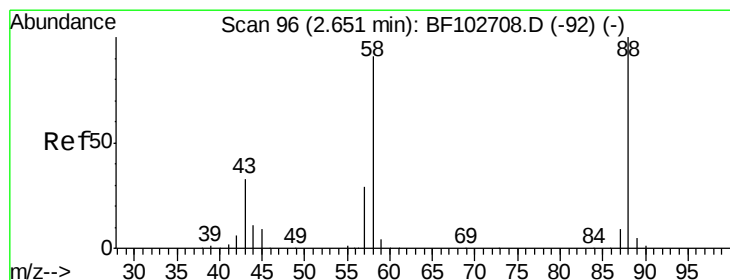
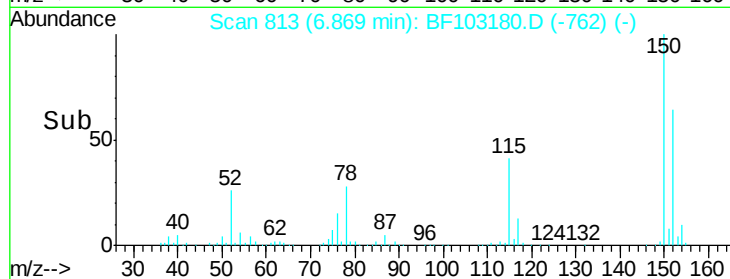
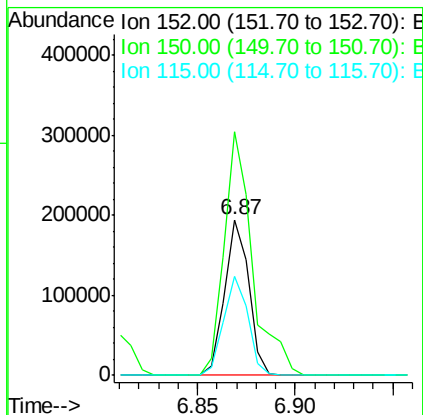
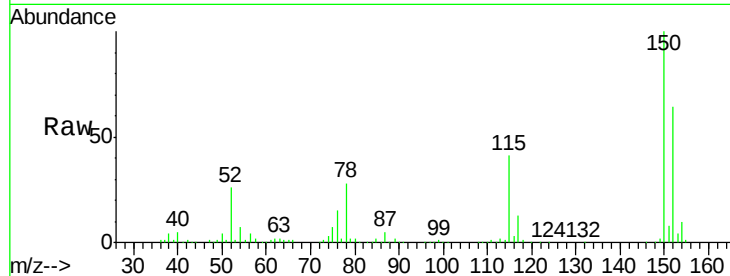


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Instrument :
BNA_F
ClientSampleId :
PB106745BS

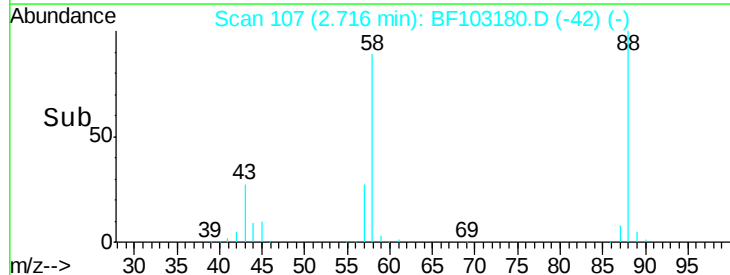
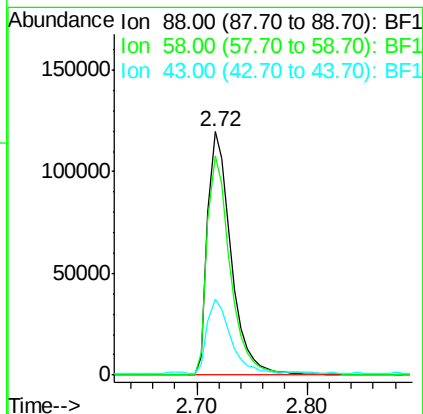
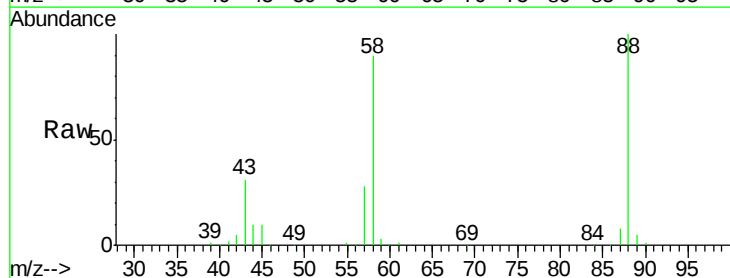
Tot Ion:152 Resp: 167491
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 64.0 50.1 75.1

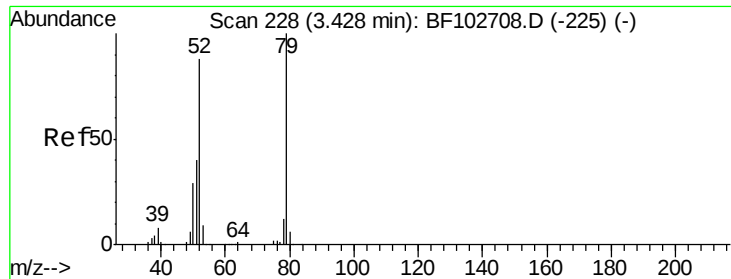


#2

1,4-Dioxane
Concen: 29.665 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.08 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion: 88 Resp: 173514
Ion Ratio Lower Upper
88 100
58 89.2 62.6 93.8
43 30.1 24.6 37.0





#3

Pvridine

Concen: 30.714 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

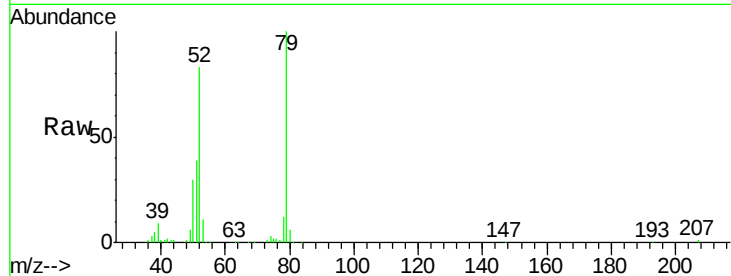
Tot Ion: 79 Resp: 479603

Ion Ratio Lower Upper

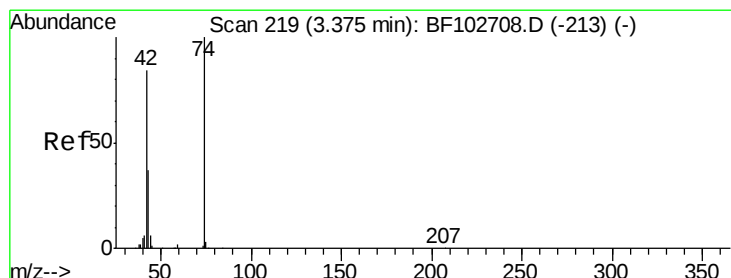
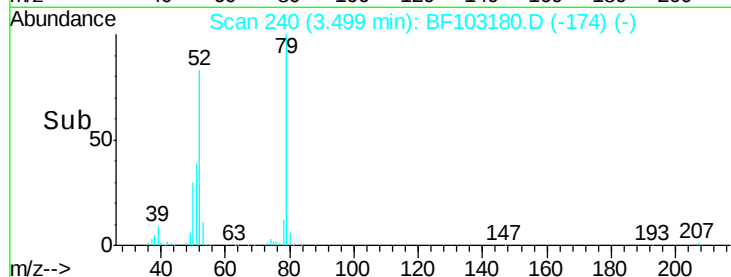
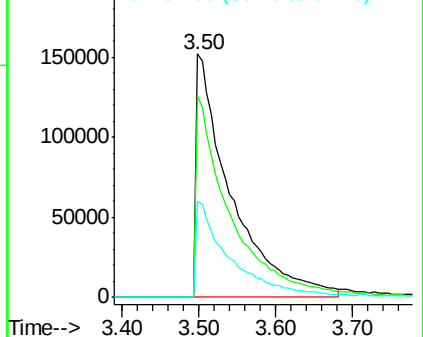
79 100

52 82.9 59.8 89.6

51 39.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.110 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

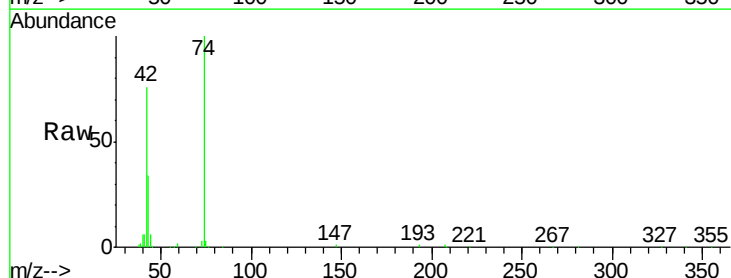
Tgt Ion: 42 Resp: 233703

Ion Ratio Lower Upper

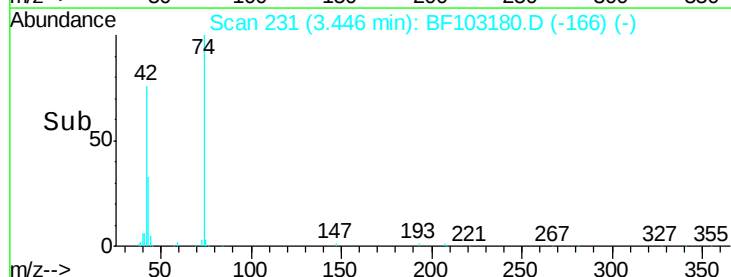
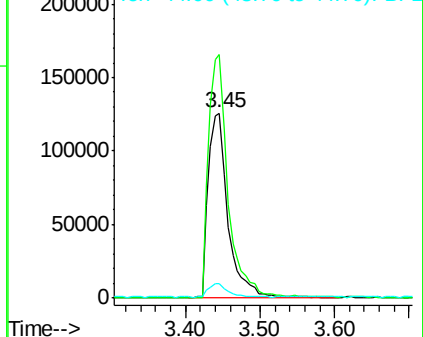
42 100

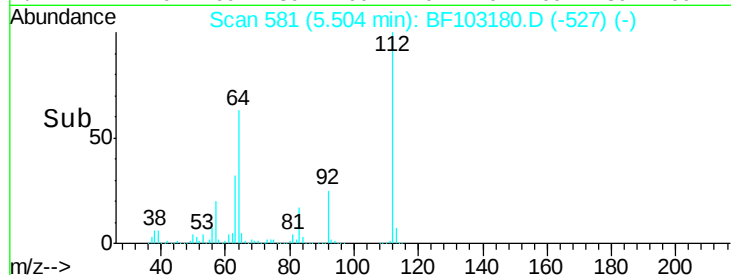
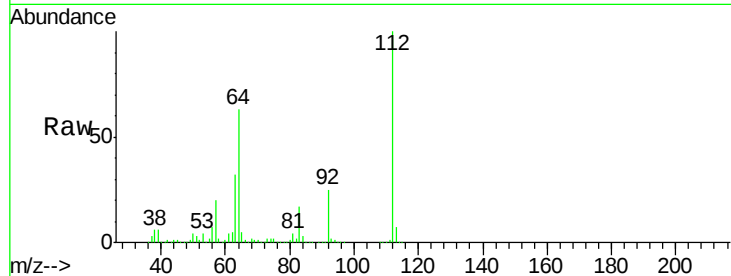
74 131.4 104.9 157.3

44 7.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.577 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

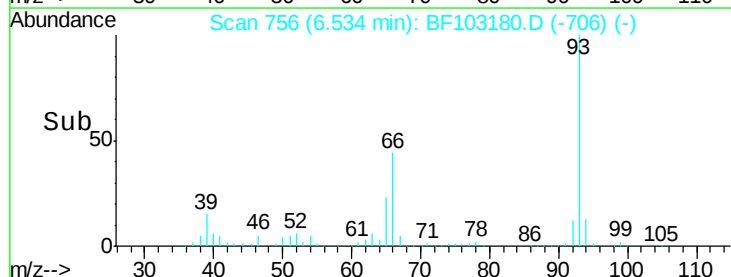
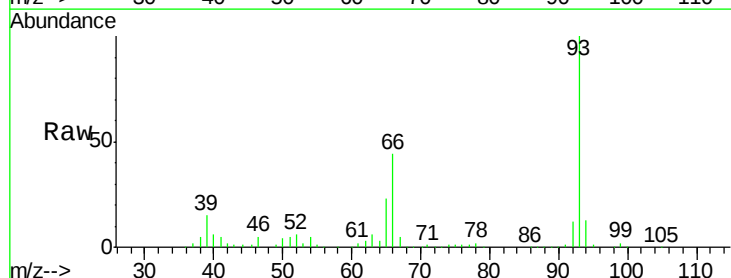
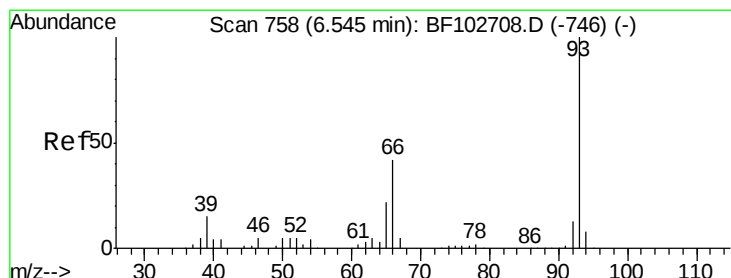
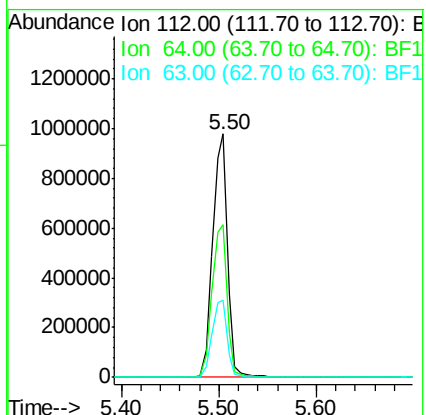
Tot Ion:112 Resp: 1025225

Ion Ratio Lower Upper

112 100

64 62.7 47.9 71.9

63 31.7 23.7 35.5



#6

Aniline

Concen: 15.841 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

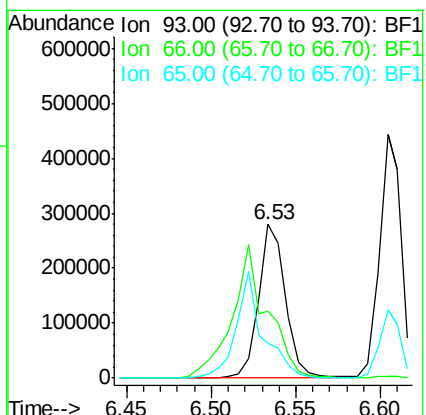
Tgt Ion: 93 Resp: 309802

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

65 22.5 16.4 24.6





#7

Phenol-d6

Concen: 89.975 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

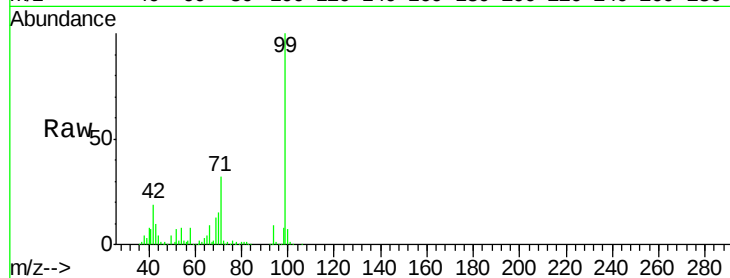
Tot Ion: 99 Resp: 1219253

Ion Ratio Lower Upper

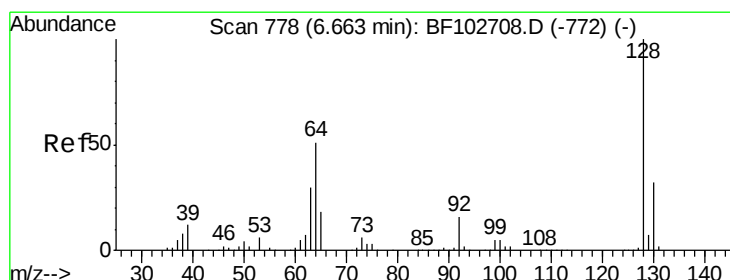
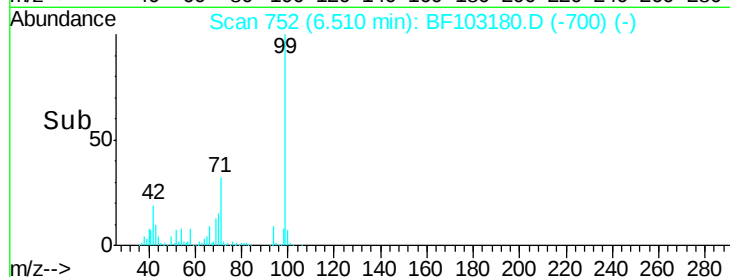
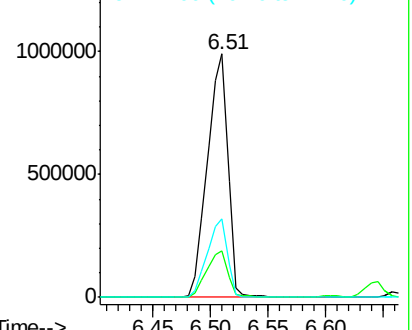
99 100

42 19.0 14.5 21.7

71 32.2 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: 33.796 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

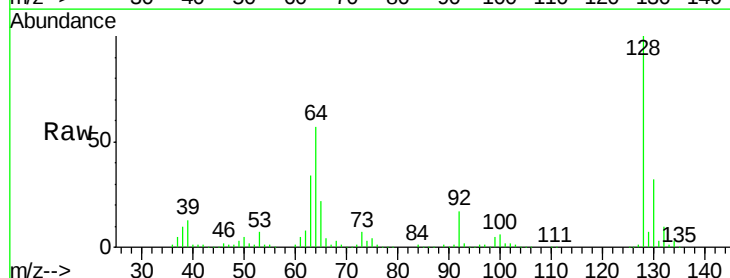
Tgt Ion: 128 Resp: 388805

Ion Ratio Lower Upper

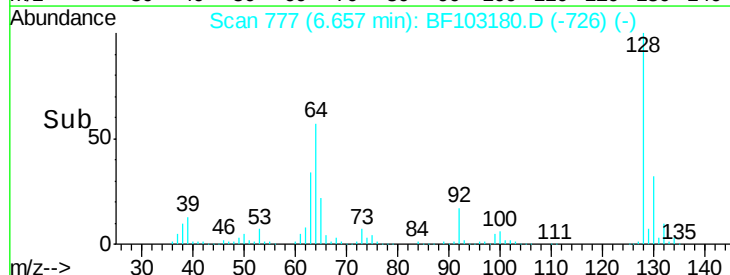
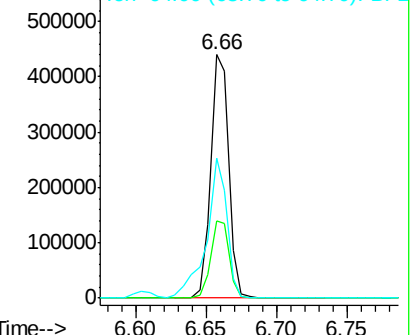
128 100

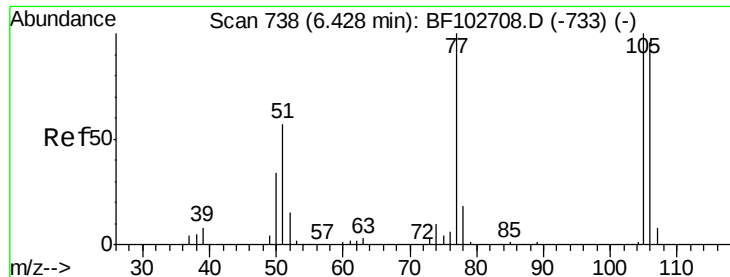
130 31.9 13.0 53.0

64 57.4 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: 26.536 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103180.D

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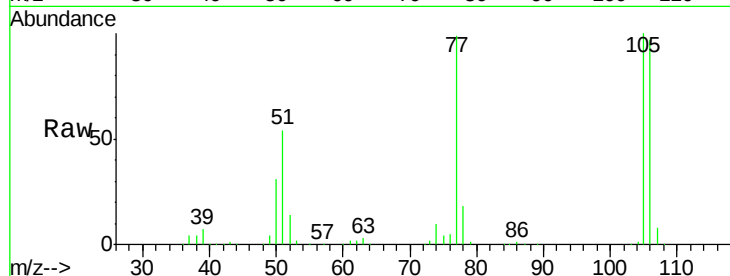
Tot Ion: 77 Resp: 240809

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

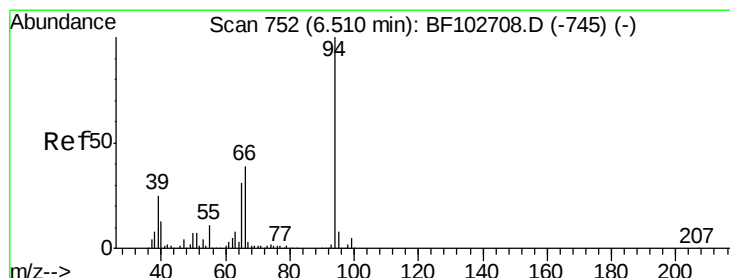
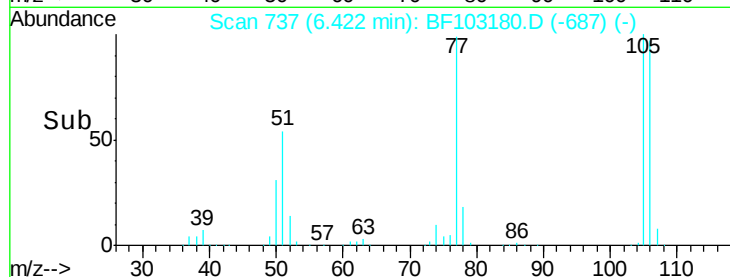
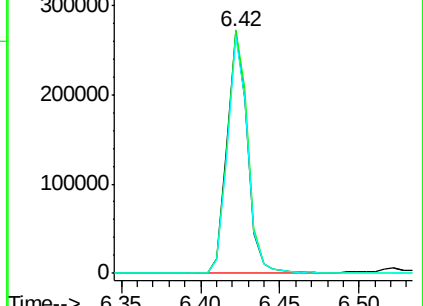
106 98.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.991 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

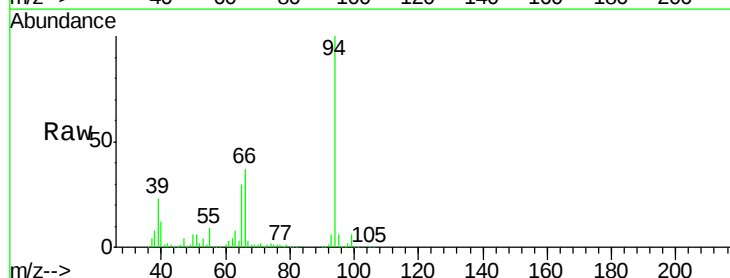
Tgt Ion: 94 Resp: 487524

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

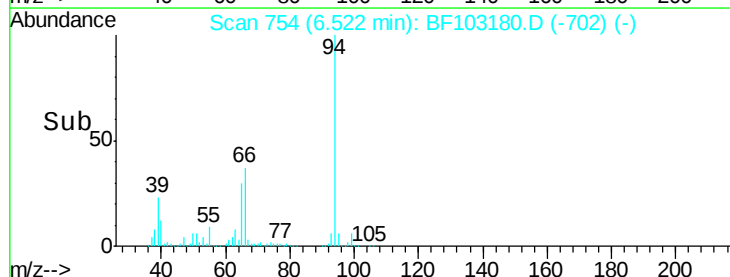
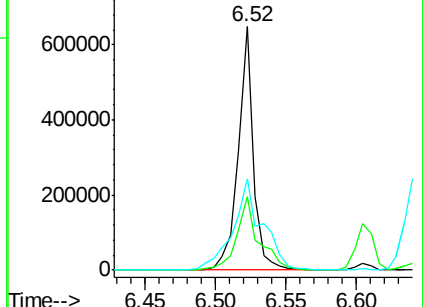
66 37.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

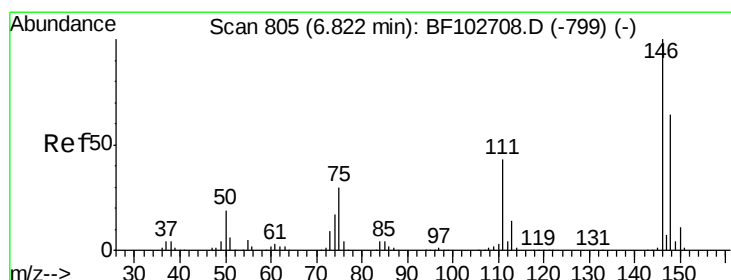
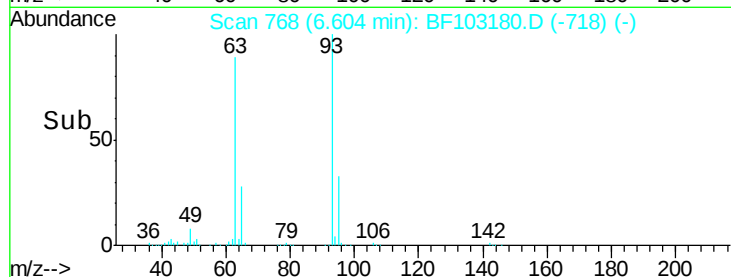
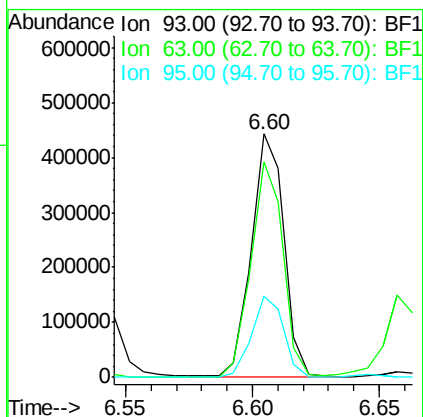
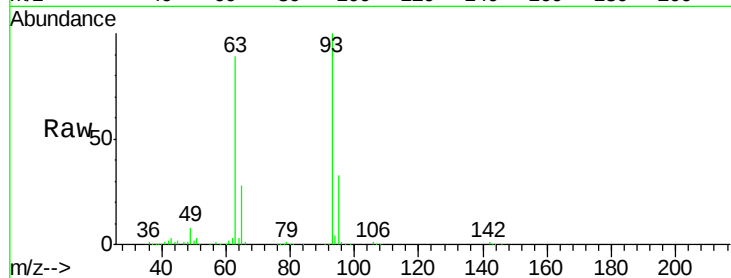




#11
bis(2-Chloroethyl)ether
Concen: 33.002 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

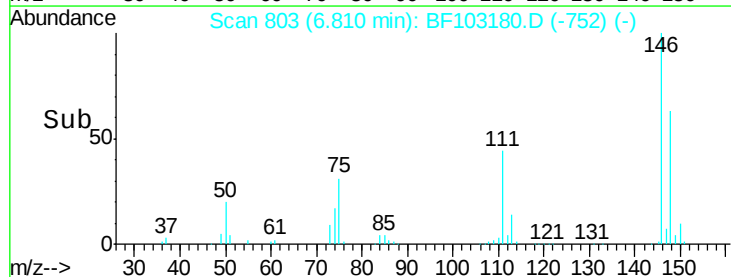
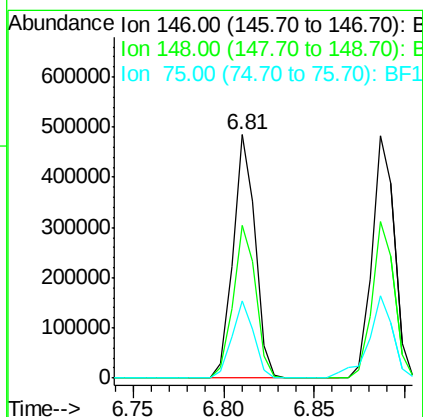
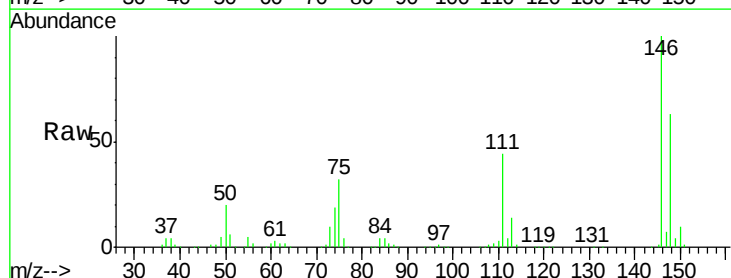
Instrument :
BNA_F
ClientSampleId :
PB106745BS

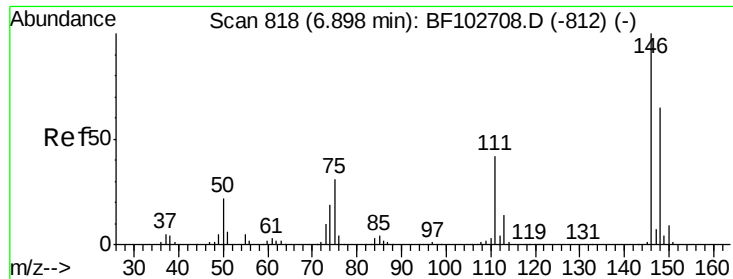
Tot Ion: 93 Resp: 394032
Ion Ratio Lower Upper
93 100
63 88.7 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.288 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion: 146 Resp: 411341
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.8
75 31.8 24.2 36.4

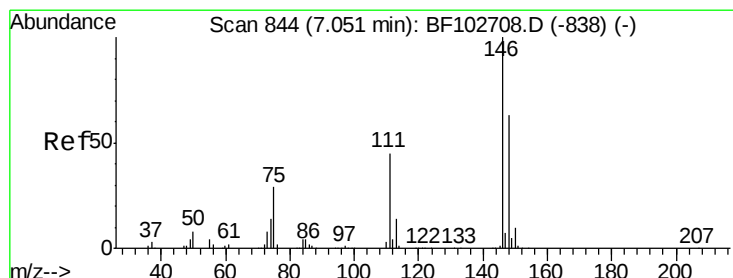
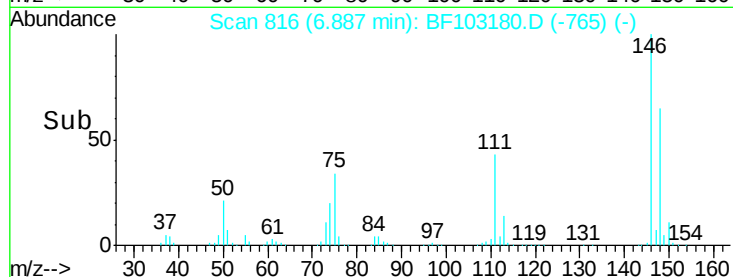
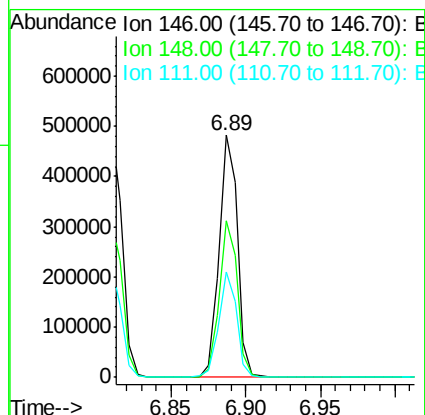
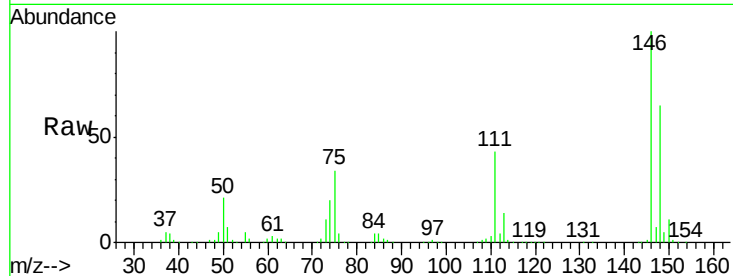




#13
 1,4-Dichlorobenzene
 Concen: 31.497 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

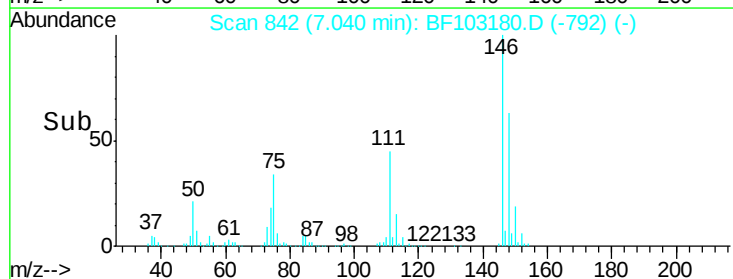
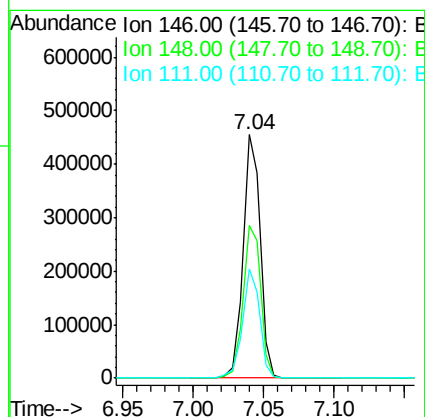
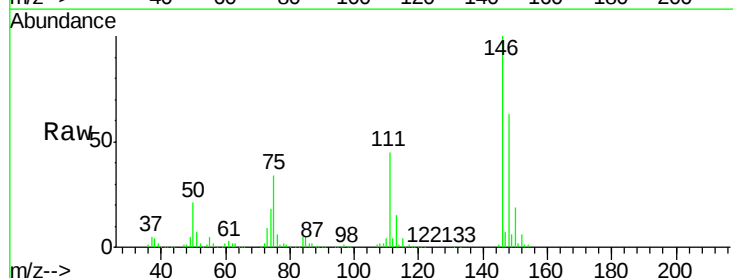
Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

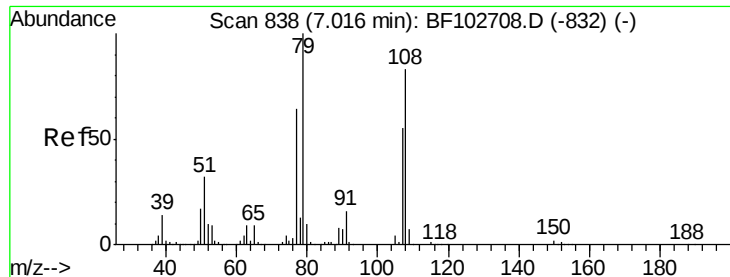
Tot Ion:146 Resp: 415156
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 43.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.420 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

Tgt Ion:146 Resp: 381875
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 44.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.669 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

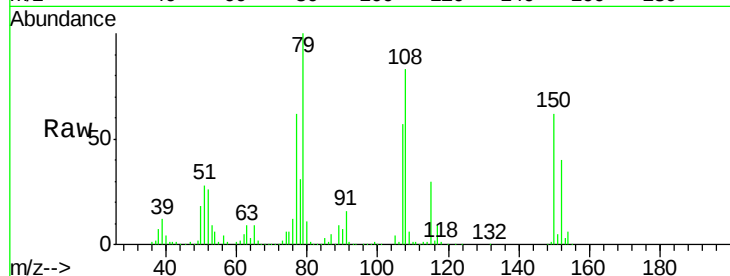
Tot Ion: 79 Resp: 333592

Ion Ratio Lower Upper

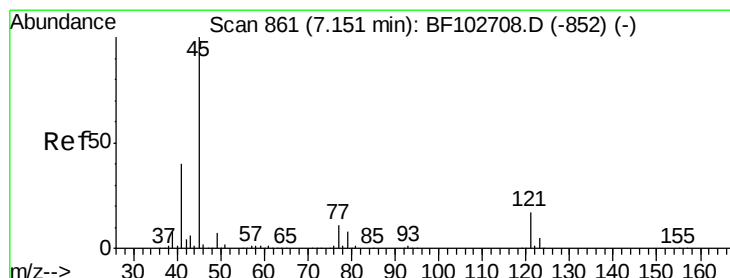
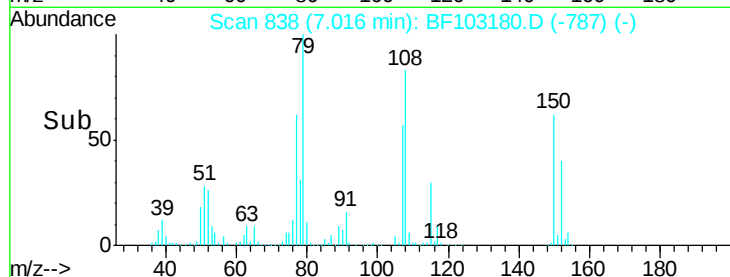
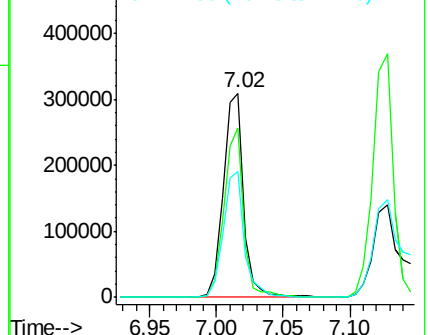
79 100

108 82.8 65.1 97.7

77 61.7 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.479 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

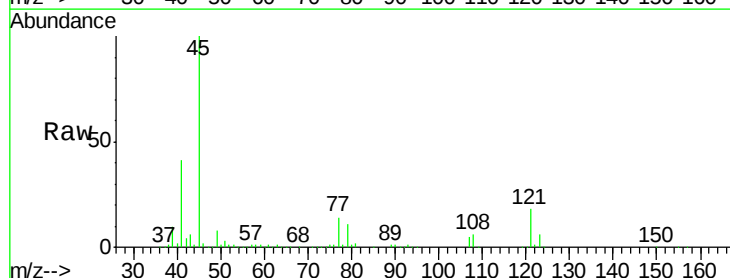
Tgt Ion: 45 Resp: 665916

Ion Ratio Lower Upper

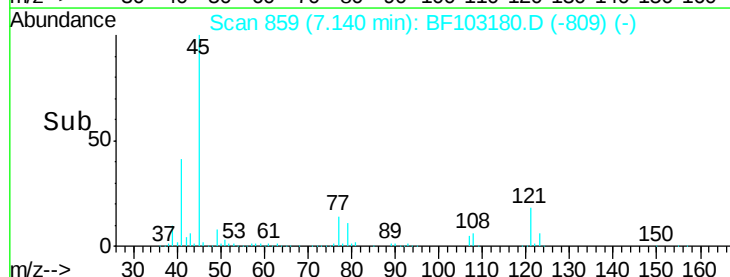
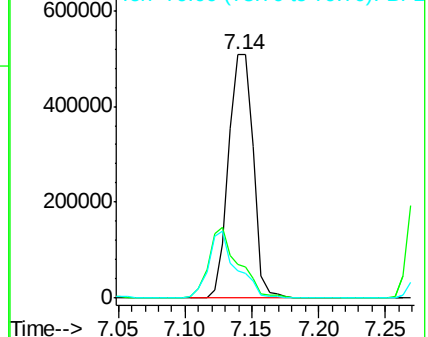
45 100

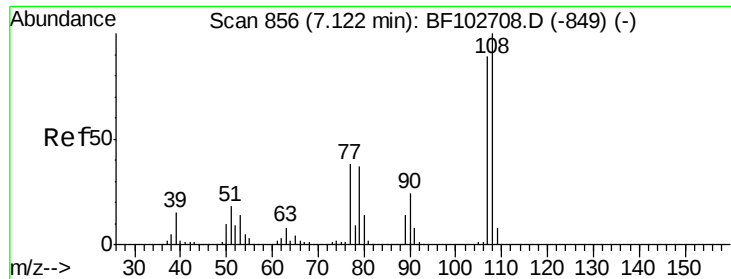
77 13.7 0.0 32.9

79 11.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 32.242 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

Tot Ion:107 Resp: 337081

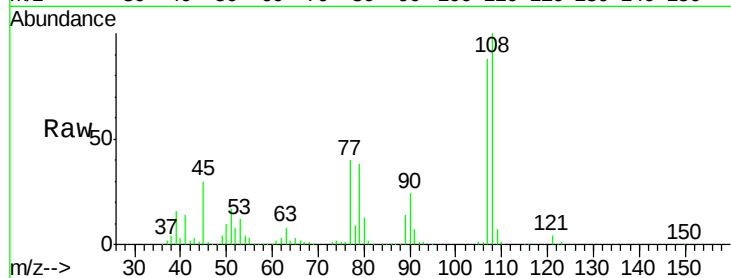
Ion Ratio Lower Upper

107 100

108 113.8 91.7 137.5

77 45.6 33.8 50.8

79 43.0 33.8 50.8

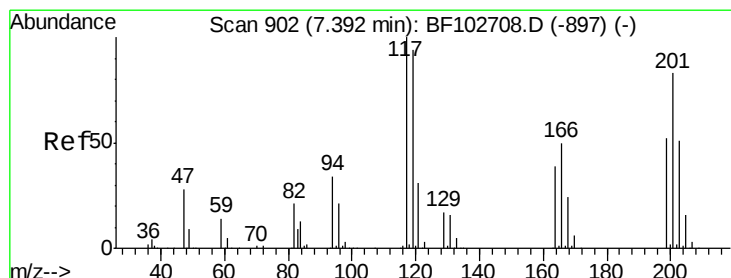
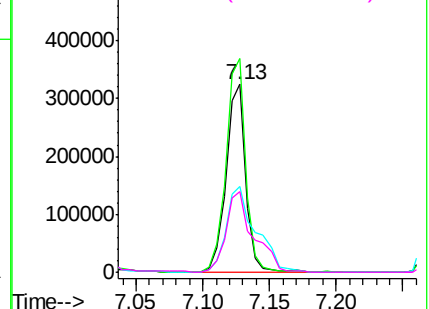
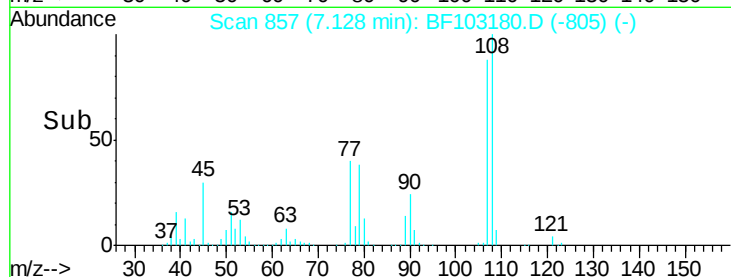


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.292 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

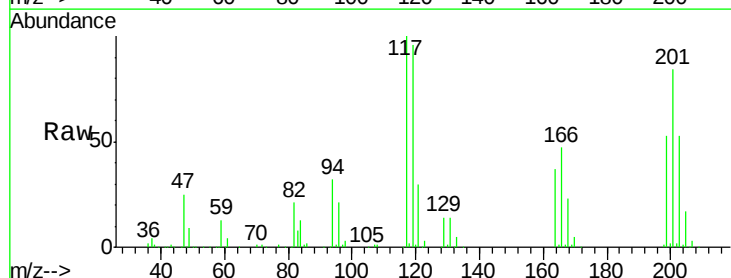
Tgt Ion:117 Resp: 135755

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

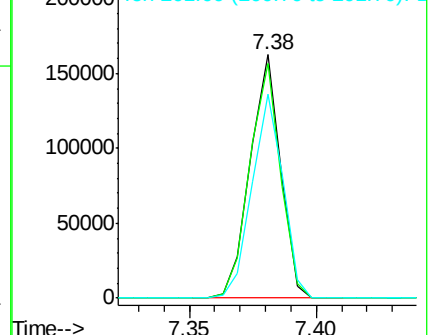
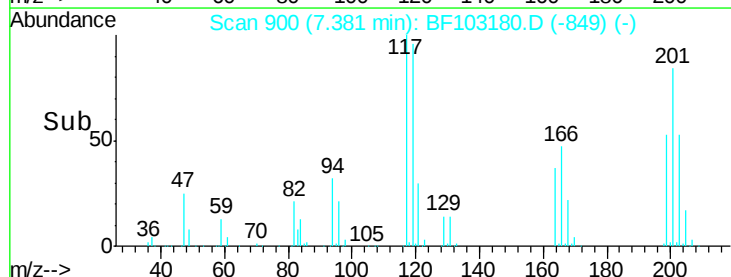
201 83.5 75.7 113.5

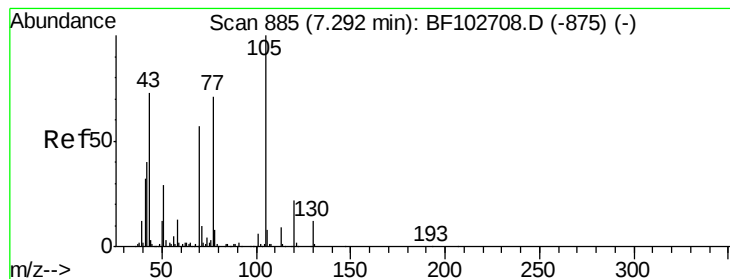


Abundance Ion 117.00 (116.70 to 117.70): E

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: 30.949 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

Tot Ion: 70 Resp: 261011

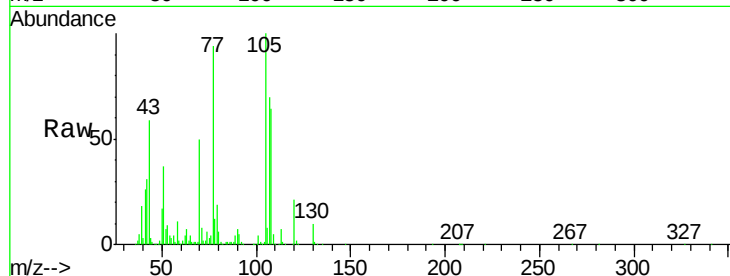
Ion Ratio Lower Upper

70 100

42 61.3 47.5 71.3

101 8.8 7.4 11.2

130 19.6 16.6 25.0

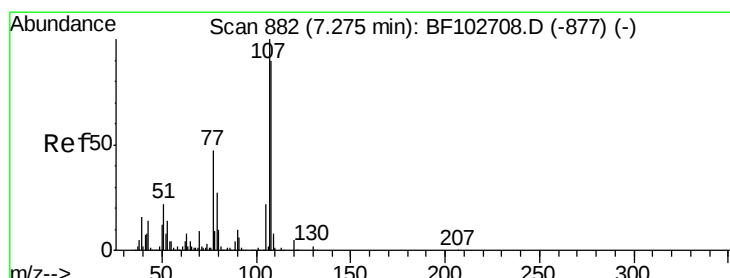
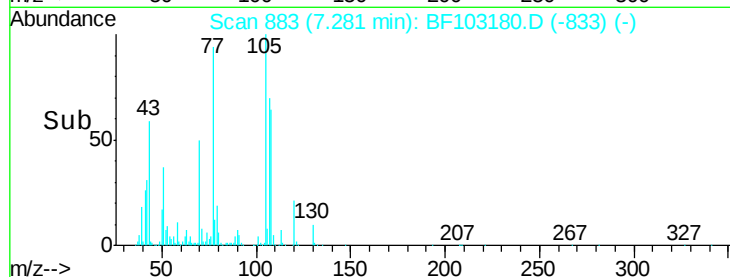
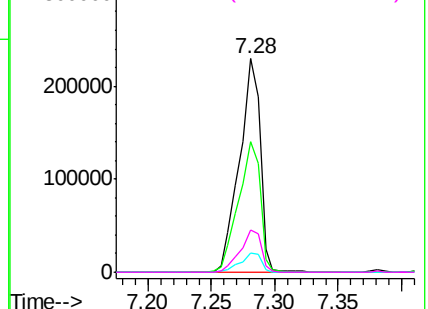


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 29.925 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Tgt Ion: 107 Resp: 381374

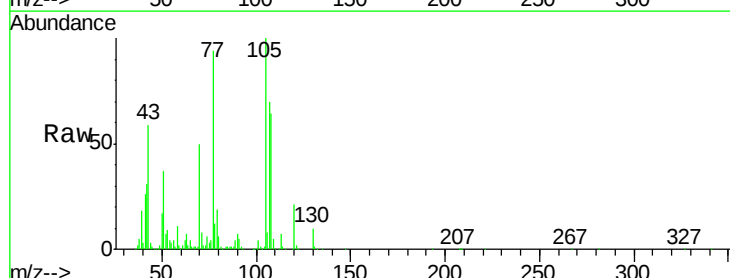
Ion Ratio Lower Upper

107 100

108 92.1 68.2 108.2

77 134.4 26.7 66.7#

79 27.5 6.3 46.3

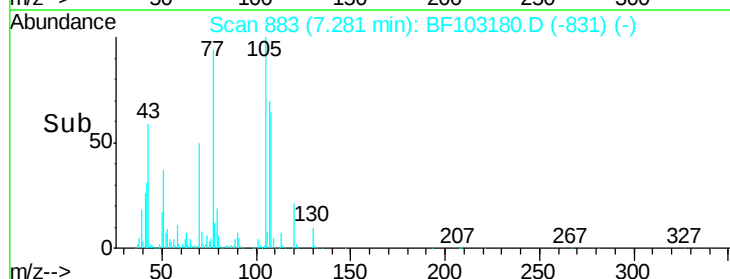
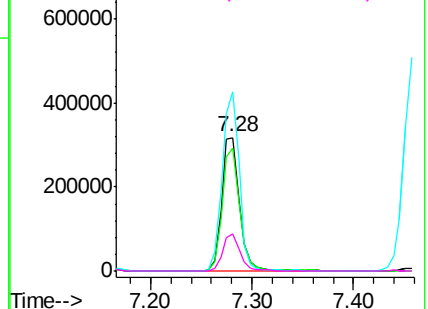


Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

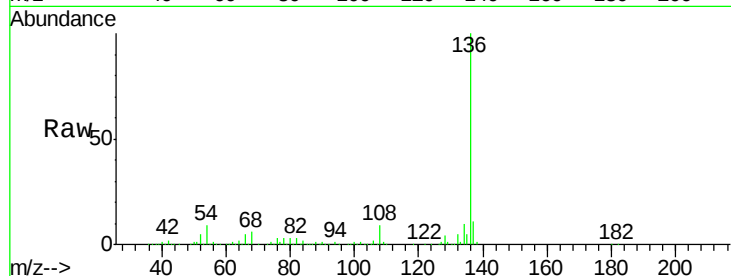




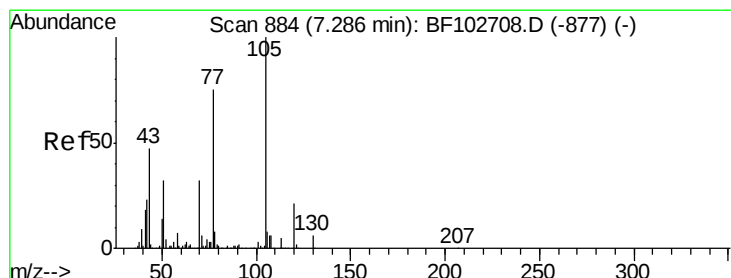
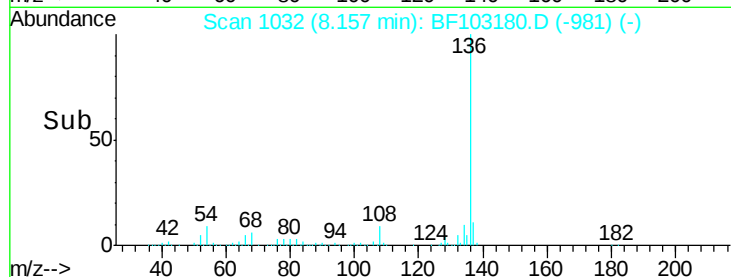
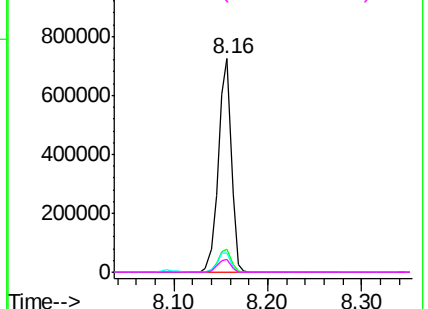
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:136	Resp:	701178
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.8	6.6 9.8
68	6.1	5.0 7.4

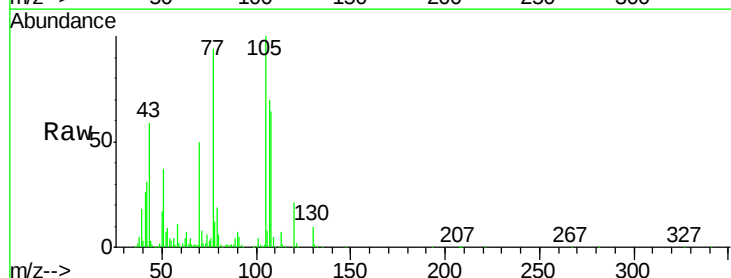


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

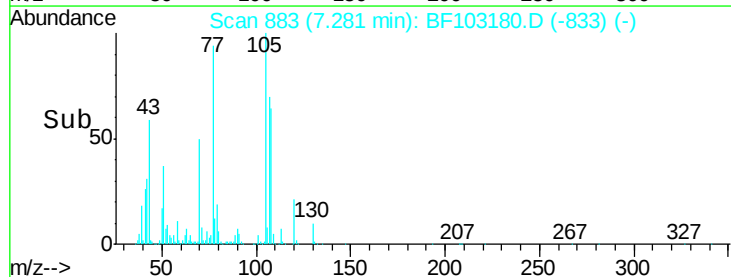
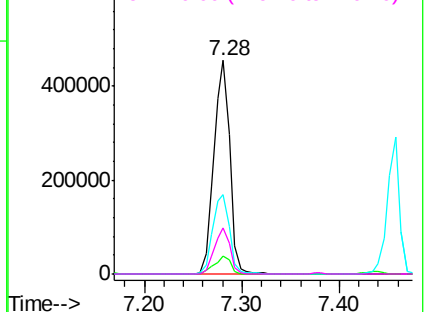


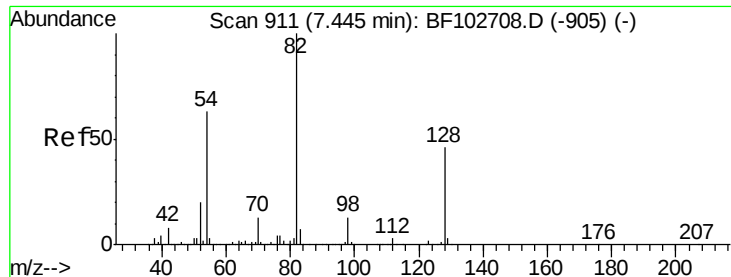
#22
Acetophenone
Concen: 31.326 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:105	Resp:	512701
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	37.3	22.3 33.5#
120	21.3	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

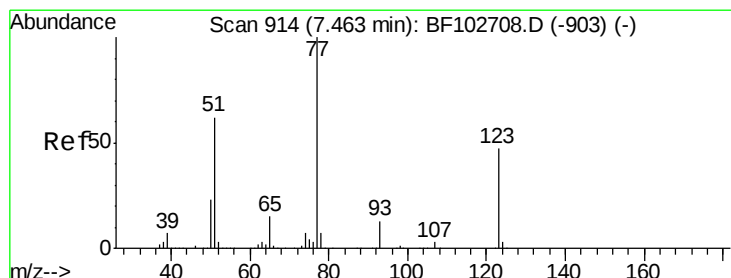
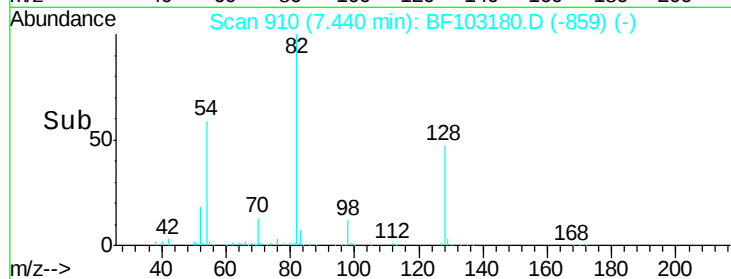
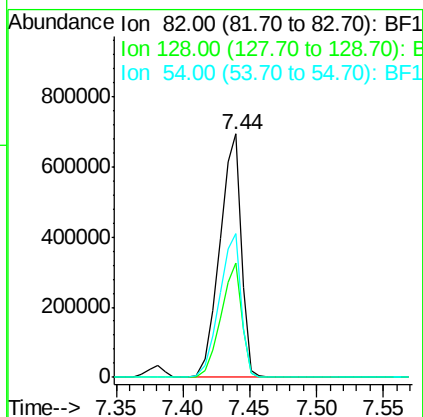
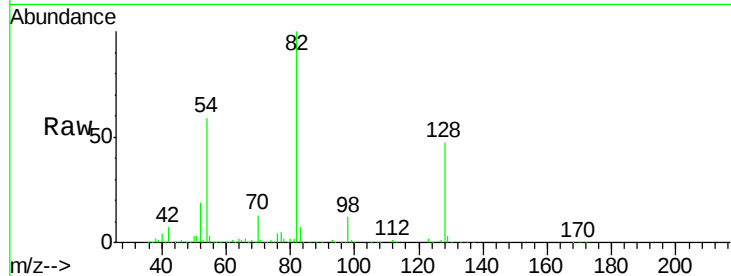




#23
Nitrobenzene-d5
Concen: 64.578 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

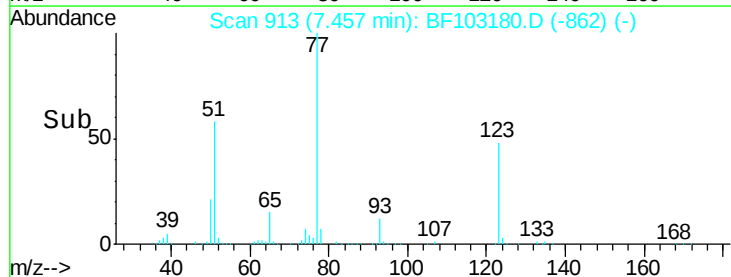
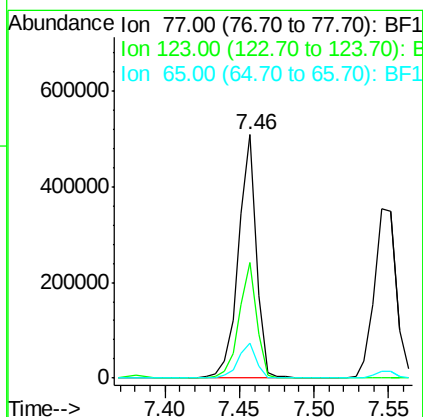
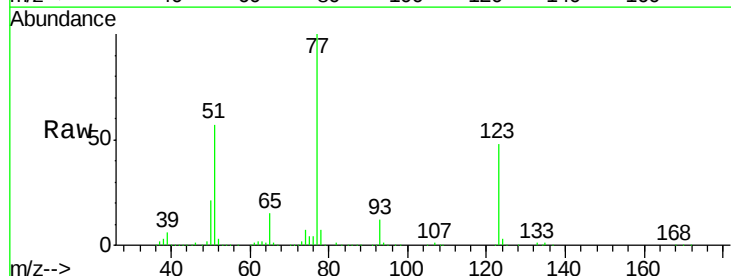
Instrument :
BNA_F
ClientSampleId :
PB106745BS

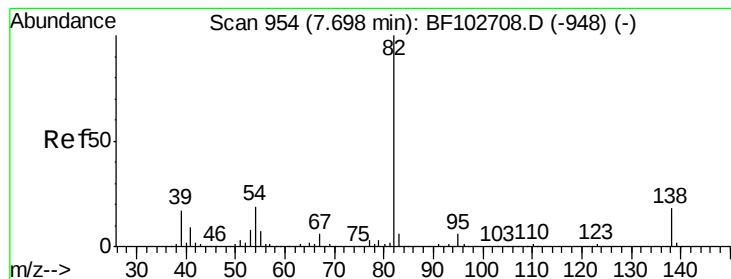
Tot Ion	82	Resp	792887
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	58.9	41.4	62.2



#24
Nitrobenzene
Concen: 31.574 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion	77	Resp	426821
Ion Ratio	Lower	Upper	
77	100		
123	47.8	37.9	56.9
65	14.5	11.0	16.4





#25

Isophorone

Concen: 32.756 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

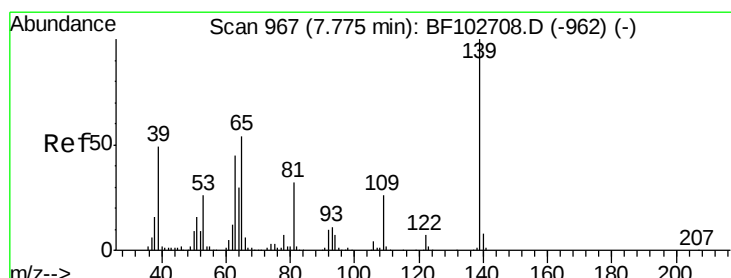
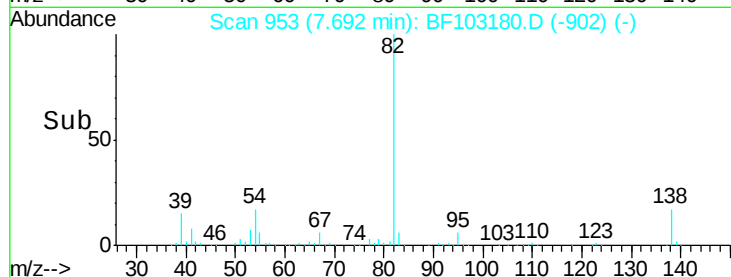
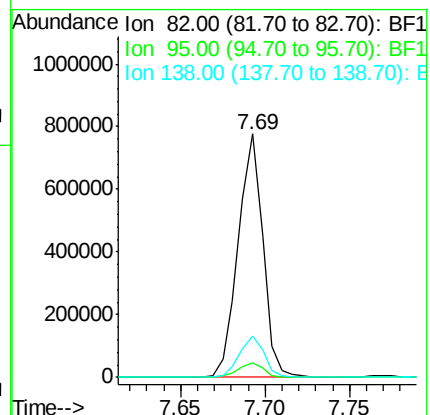
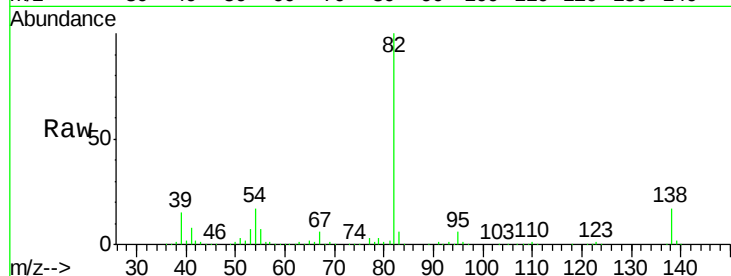
Tot Ion: 82 Resp: 792092

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 33.029 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

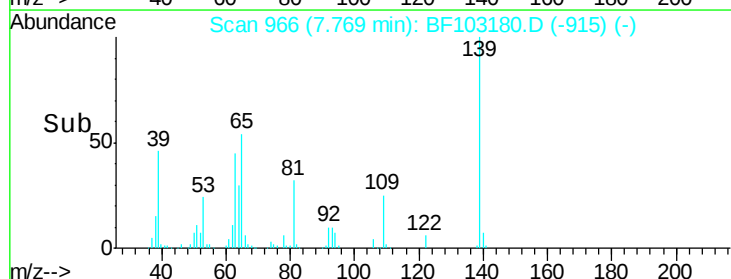
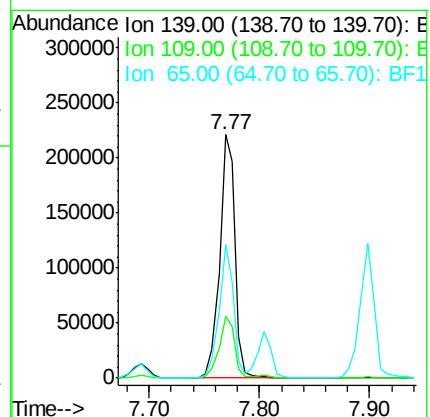
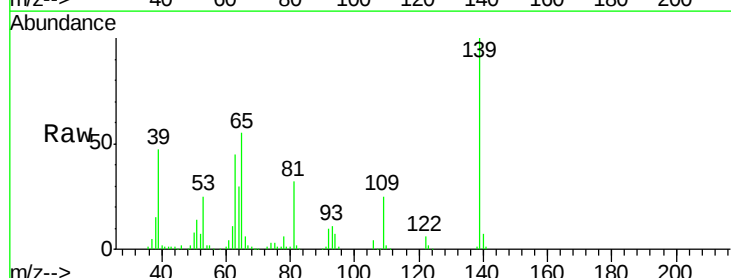
Tgt Ion: 139 Resp: 210189

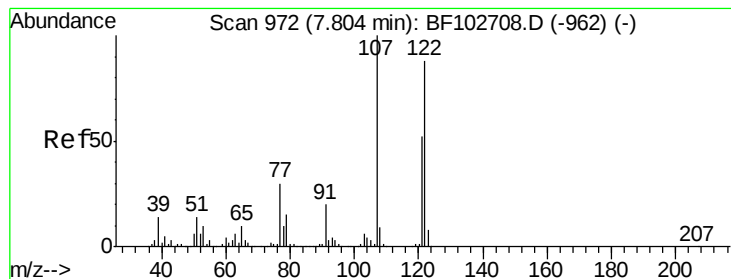
Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

65 54.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.096 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

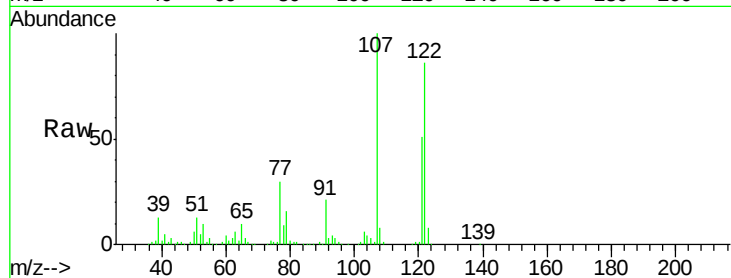
Tot Ion:122 Resp: 351115

Ion Ratio Lower Upper

122 100

107 116.1 91.2 136.8

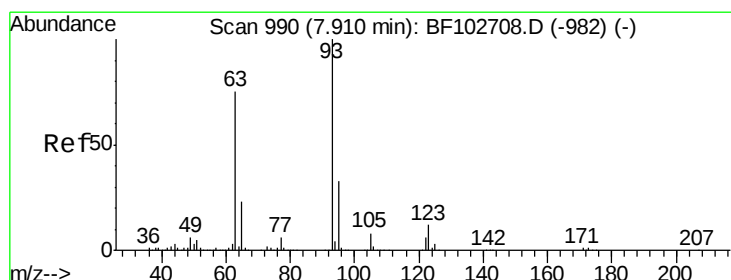
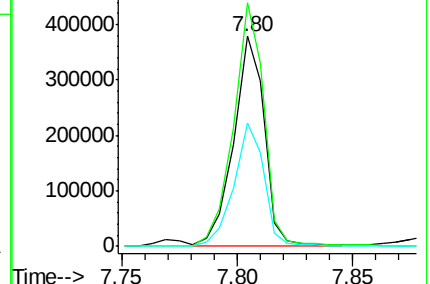
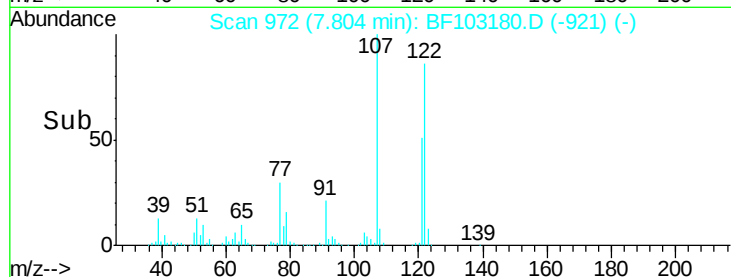
121 58.9 47.2 70.8



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: 34.579 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

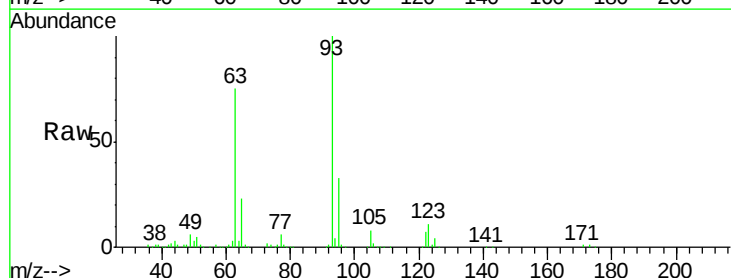
Tgt Ion: 93 Resp: 491618

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

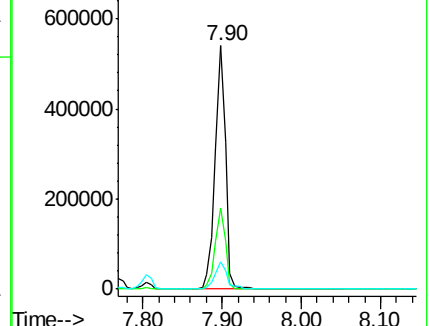
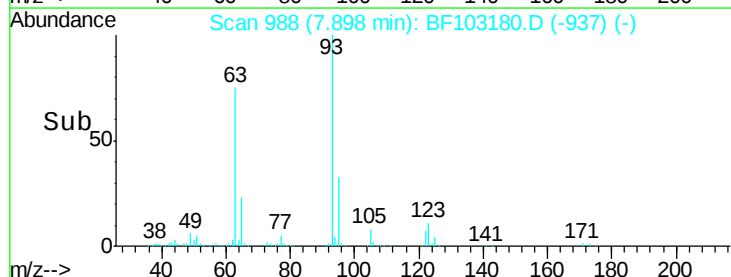
123 11.3 9.8 14.6

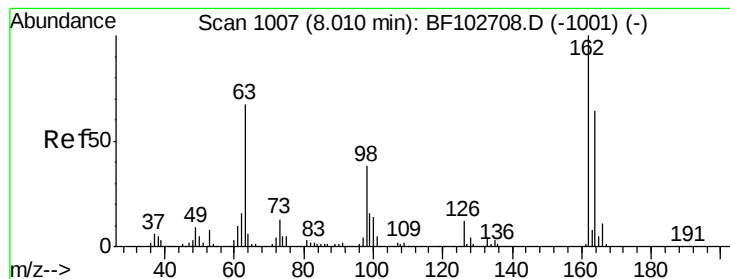


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 33.517 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

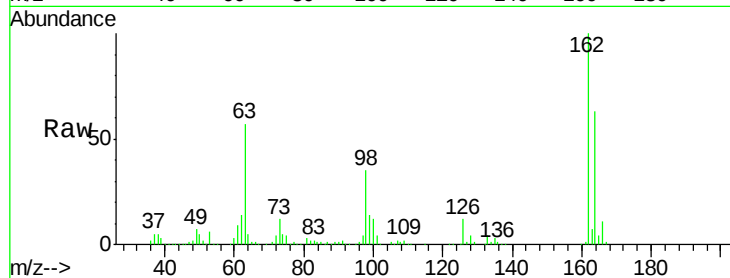
Tot Ion:162 Resp: 312146

Ion Ratio Lower Upper

162 100

164 63.0 42.7 82.7

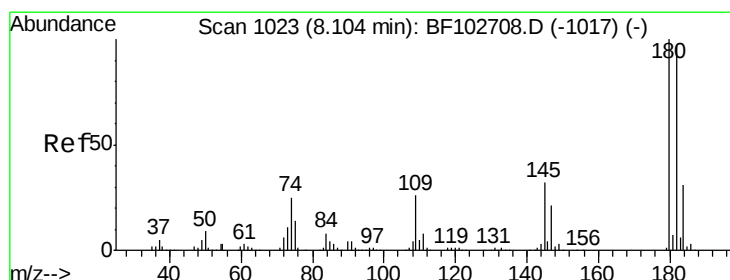
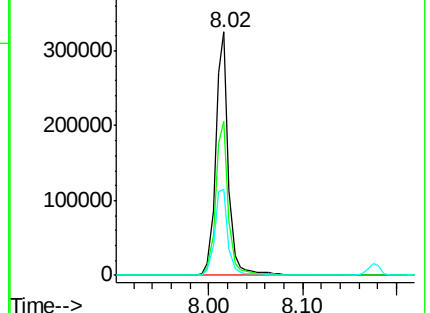
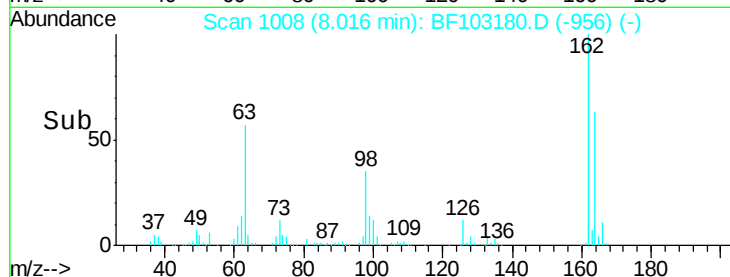
98 35.3 18.1 58.1



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: 31.299 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

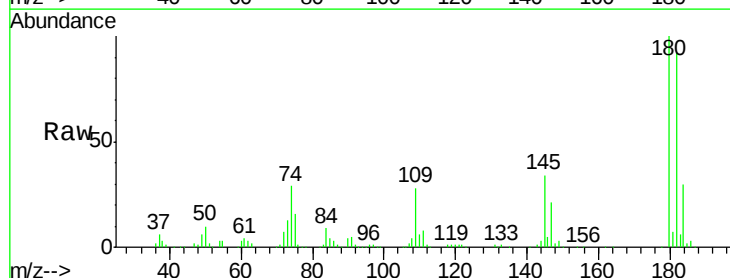
Tgt Ion:180 Resp: 310405

Ion Ratio Lower Upper

180 100

182 91.6 76.8 115.2

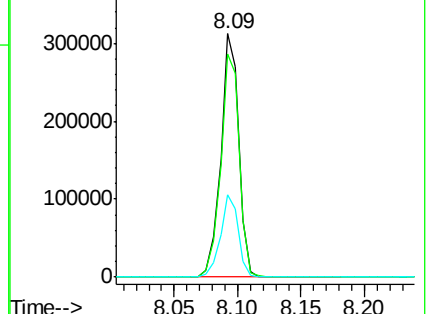
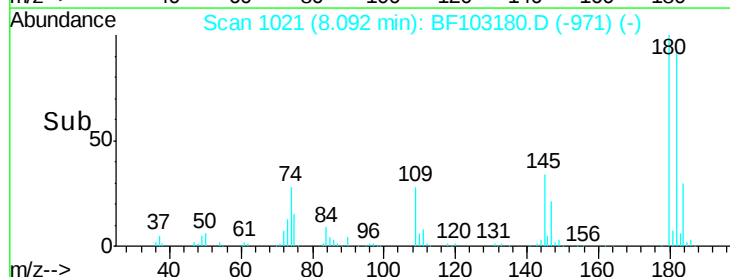
145 33.8 26.5 39.7

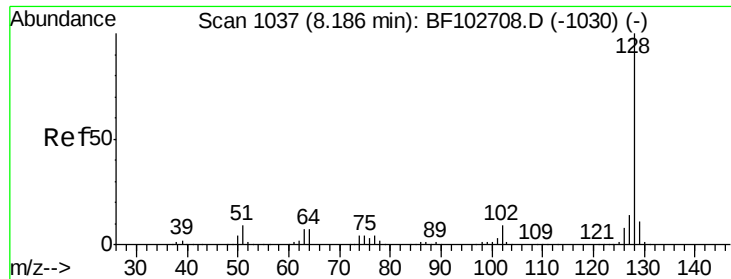


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

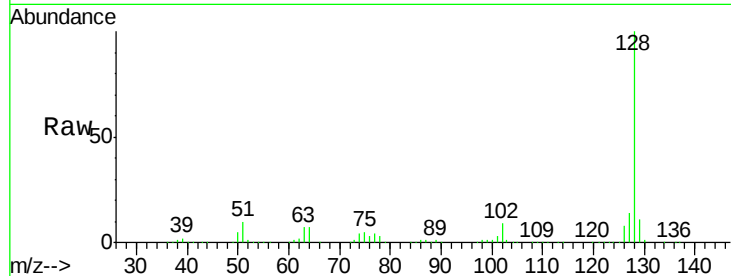




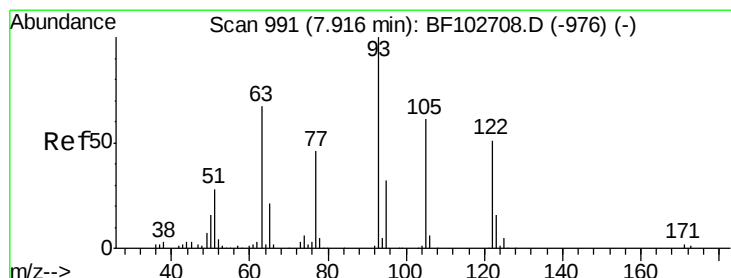
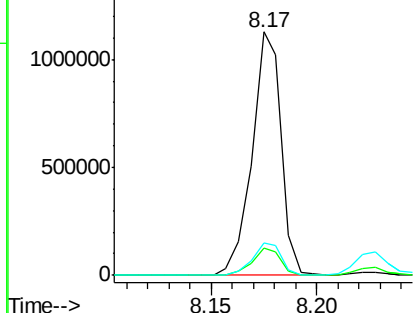
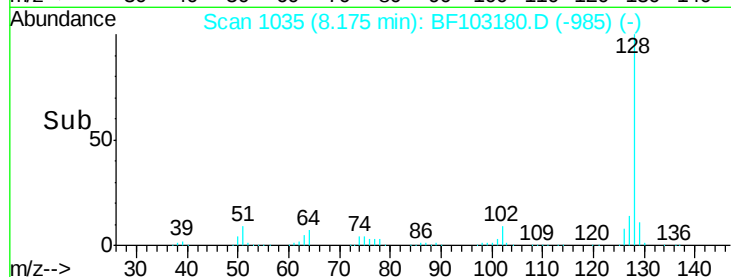
#31
Naphthalene
Concen: 31.439 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:128 Resp: 1079247
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3

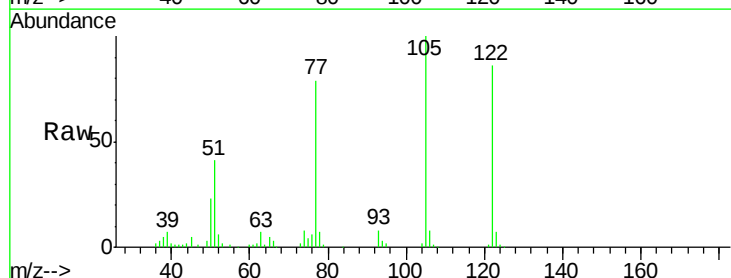


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

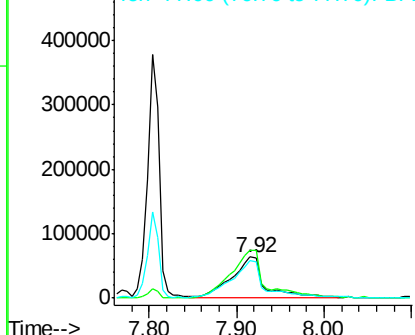
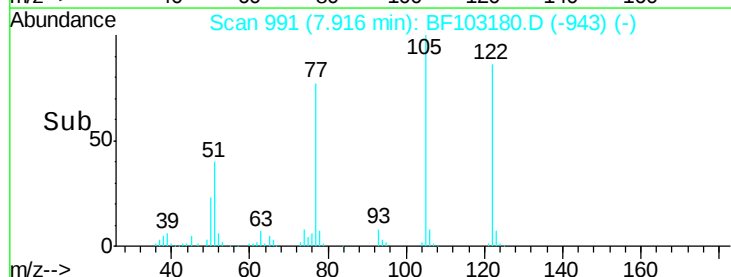


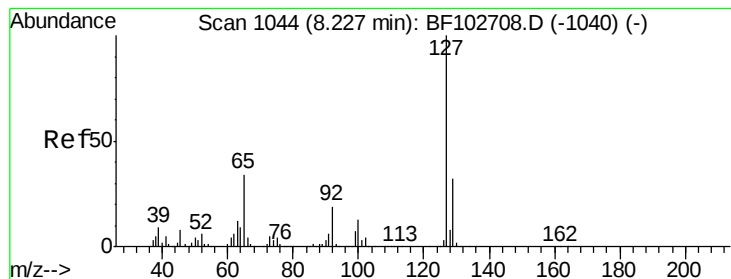
#32
Benzoic acid
Concen: 25.707 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:122 Resp: 158450
Ion Ratio Lower Upper
122 100
105 116.6 101.1 141.1
77 92.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

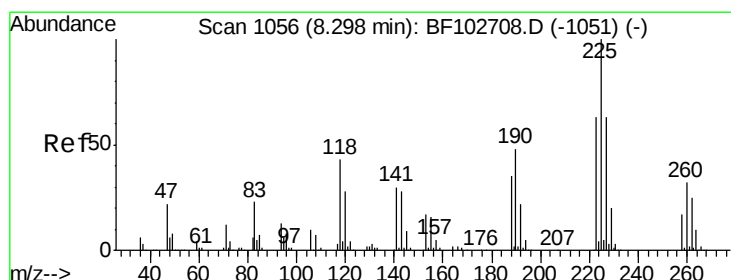
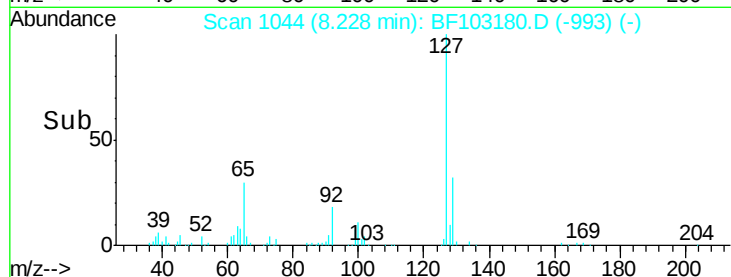
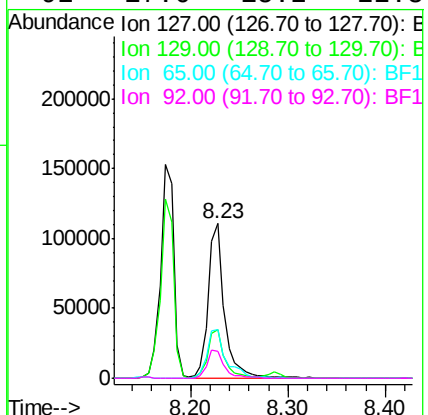
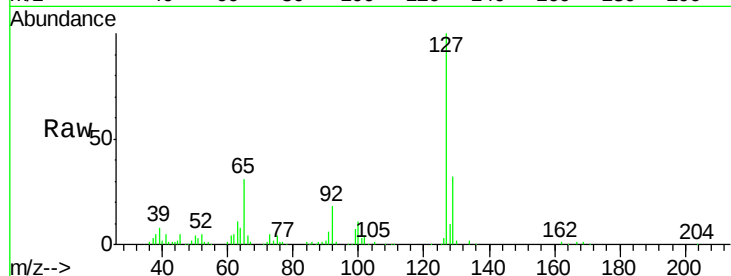




#33
4-Chloroaniline
Concen: 8.718 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

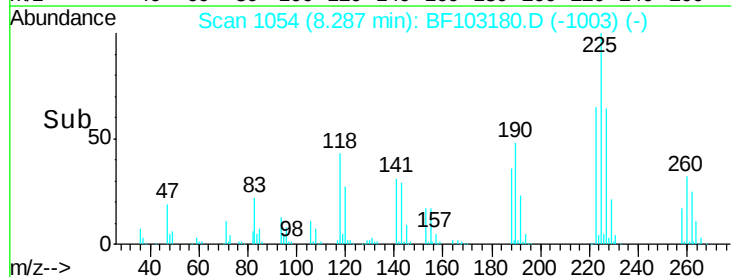
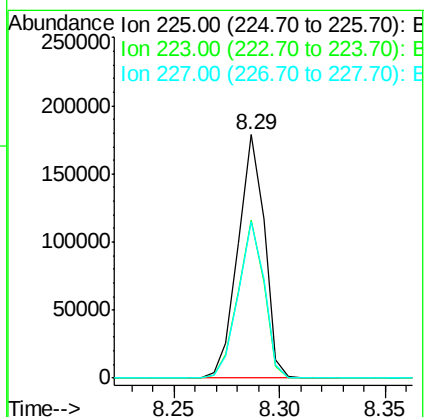
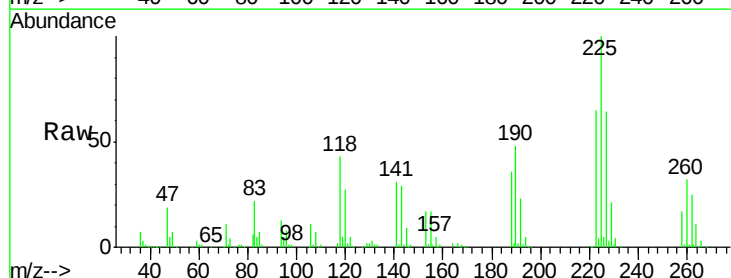
Instrument :
BNA_F
ClientSampleId :
PB106745BS

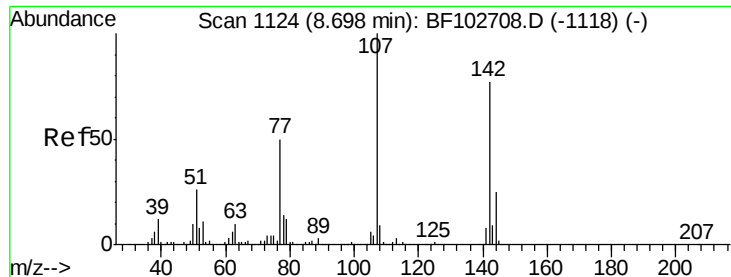
Tot Ion:	127	Resp:	129139
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	31.3	25.0	37.4
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 30.075 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:	225	Resp:	155318
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	64.5	51.9	77.9

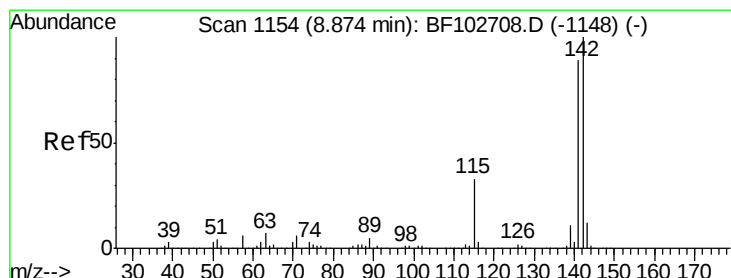
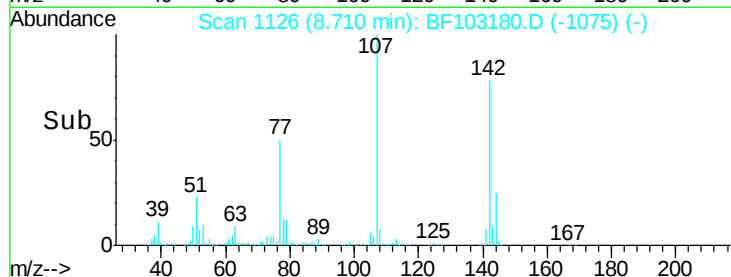
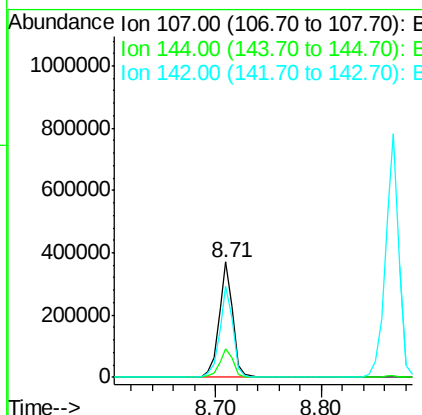
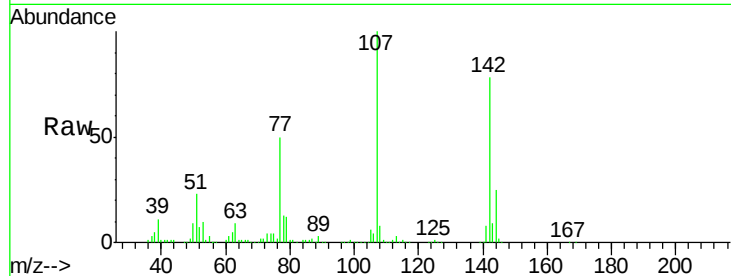




#36
 4-Chloro-3-methylphenol
 Concen: 32.521 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

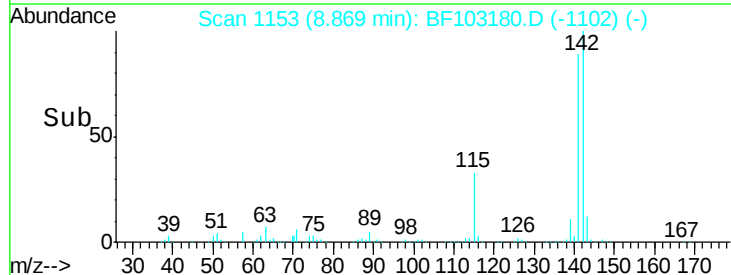
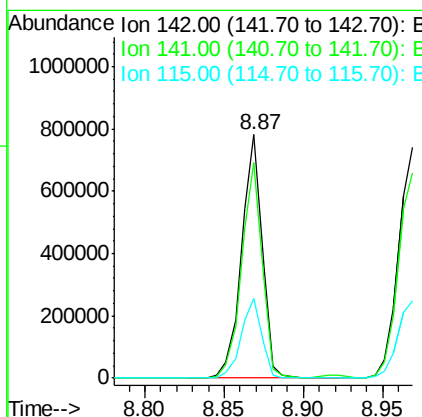
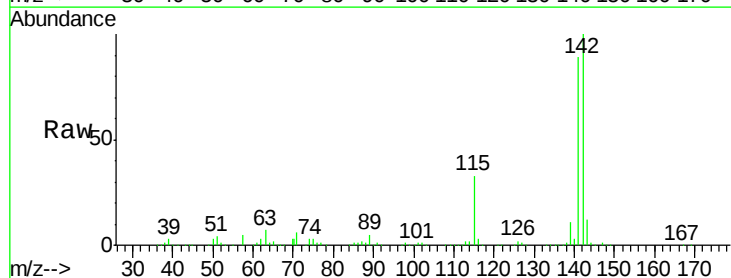
Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

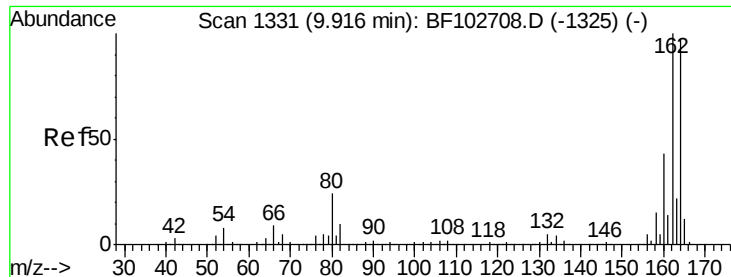
Tot Ion:107 Resp: 341613
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 78.5 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 31.660 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

Tgt Ion:142 Resp: 702408
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 32.9 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

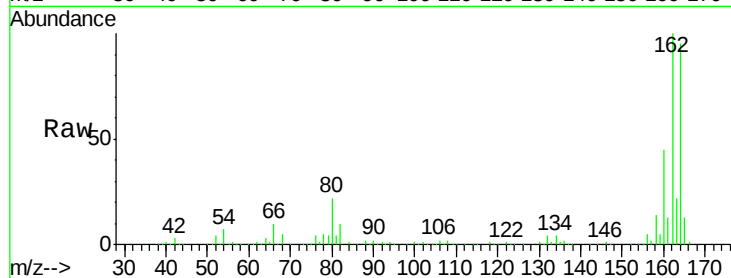
Tot Ion:164 Resp: 284330

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

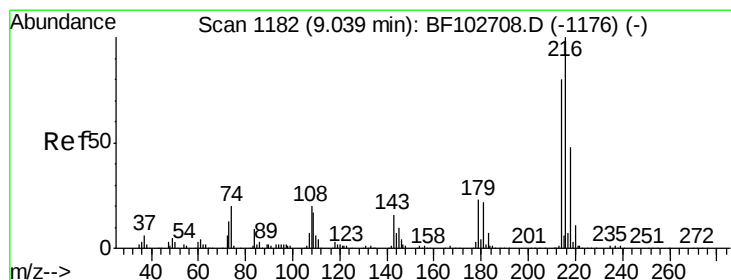
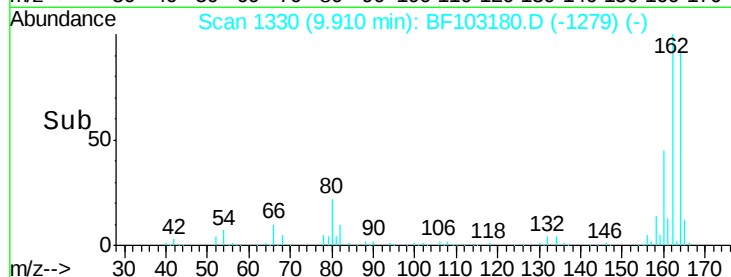
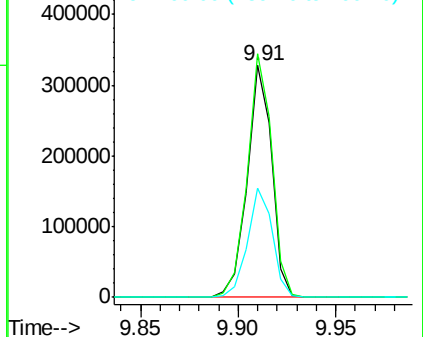
160 47.1 38.3 57.5



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: 34.366 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Tgt Ion:216 Resp: 267127

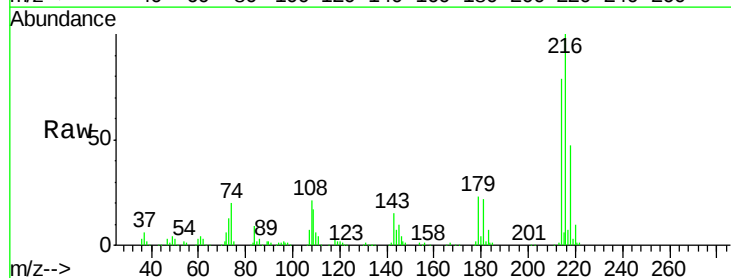
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 23.1 18.1 27.1

108 21.7 17.2 25.8

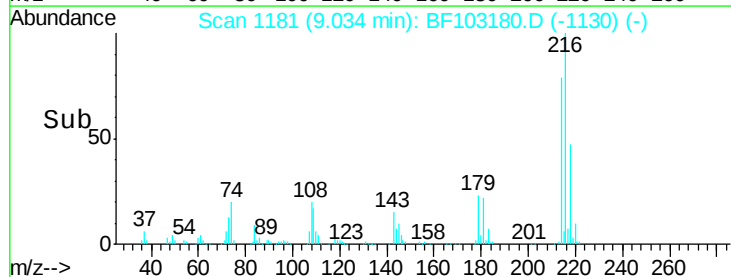
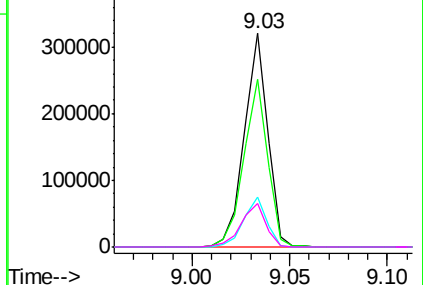


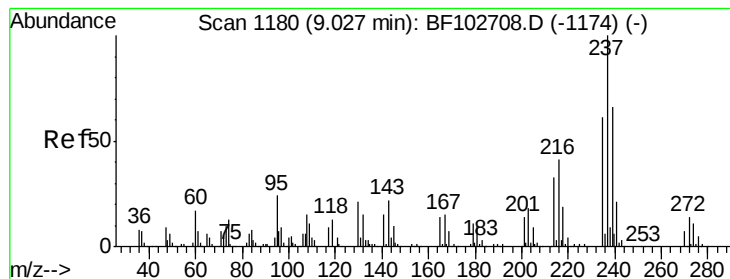
Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.744 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

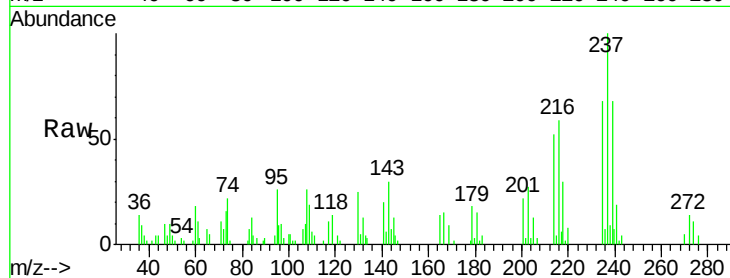
Tot Ion:237 Resp: 18069

Ion Ratio Lower Upper

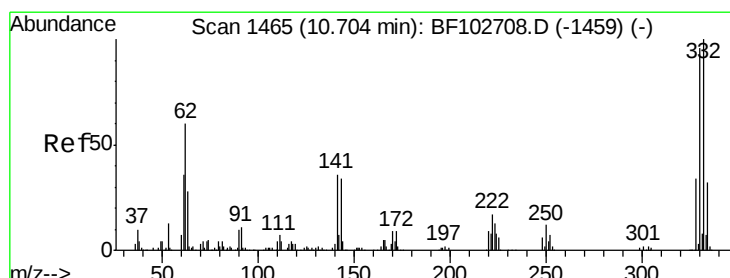
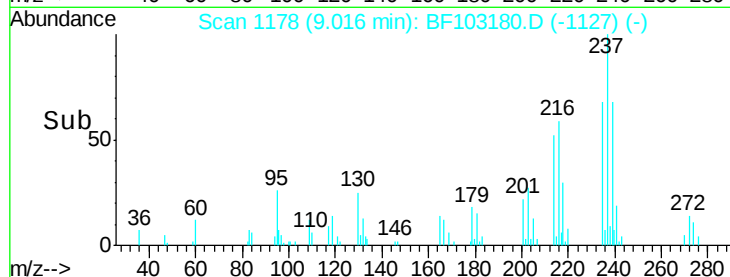
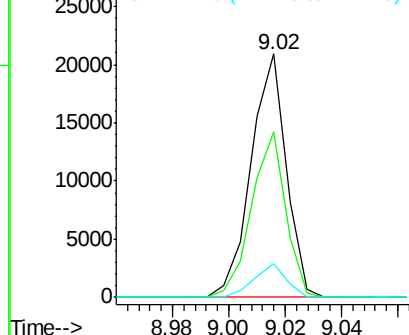
237 100

235 68.0 44.8 84.8

272 13.7 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: 81.263 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

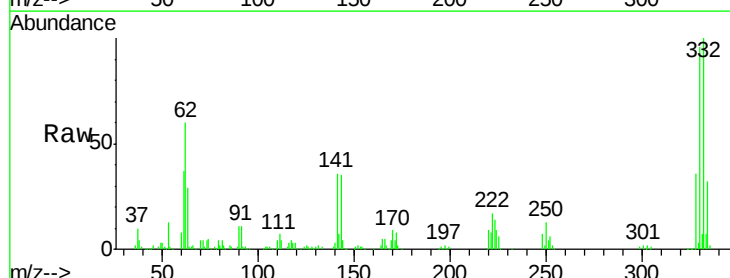
Tgt Ion:330 Resp: 195576

Ion Ratio Lower Upper

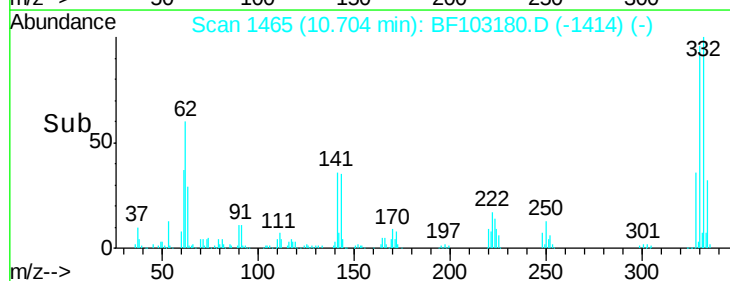
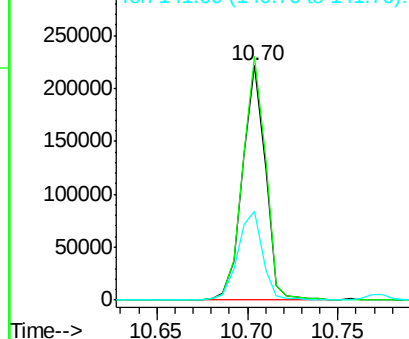
330 100

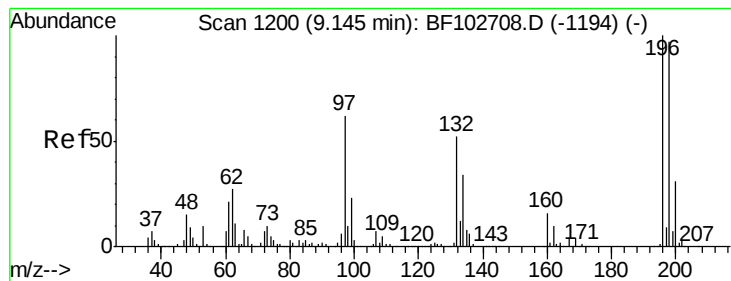
332 103.8 77.0 115.6

141 40.9 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 35.422 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

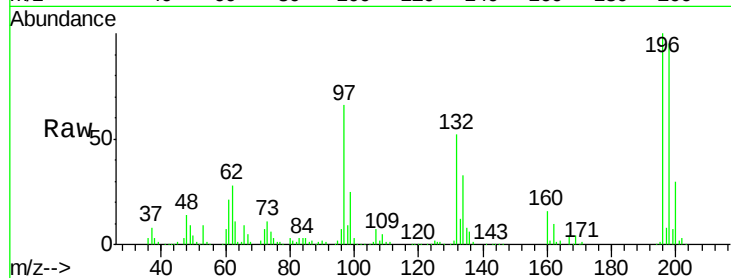
Tot Ion:196 Resp: 185269

Ion Ratio Lower Upper

196 100

198 94.6 75.7 113.5

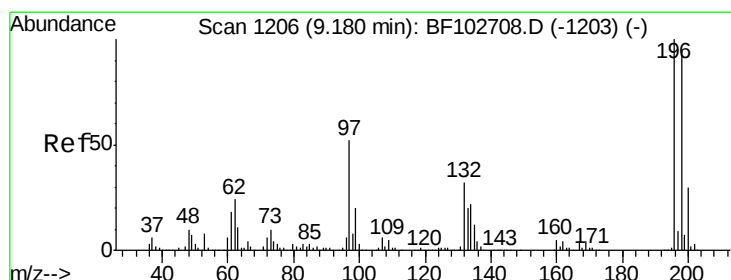
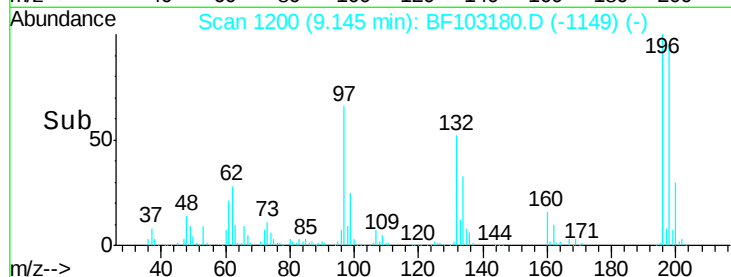
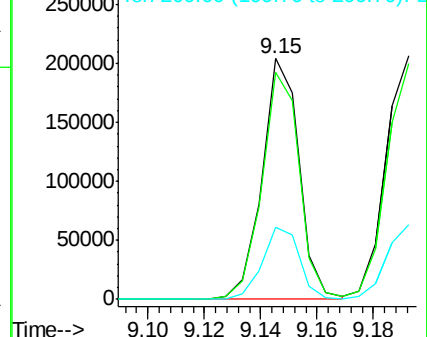
200 29.8 24.5 36.7



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: 31.472 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Tgt Ion:196 Resp: 189323

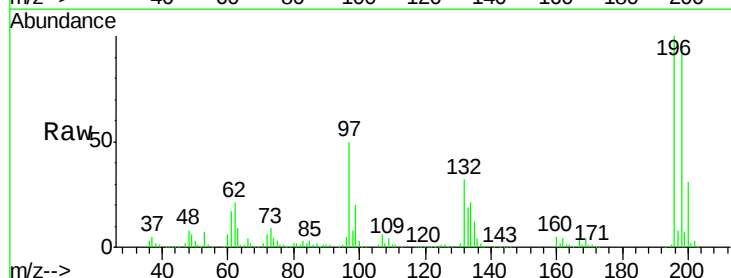
Ion Ratio Lower Upper

196 100

198 96.7 74.6 112.0

97 50.2 42.9 64.3

132 31.7 26.3 39.5

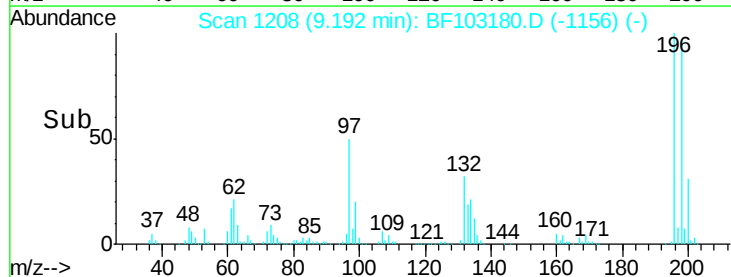
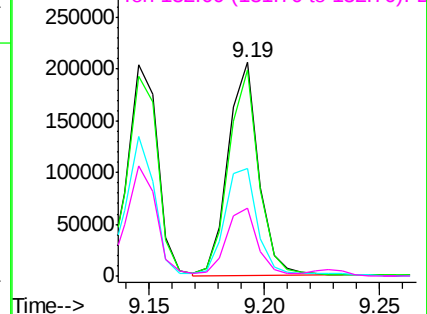


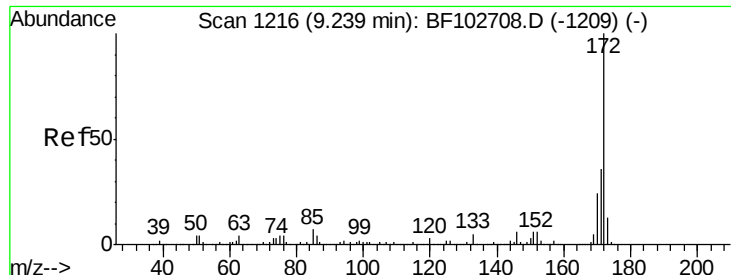
Abundance Ion 196.00 (195.70 to 196.70): E

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

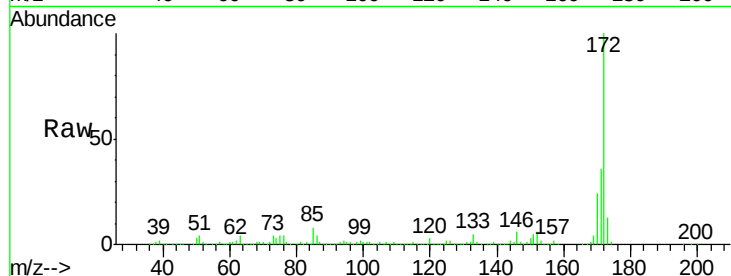




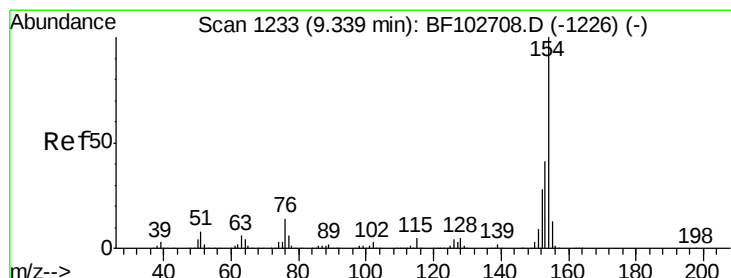
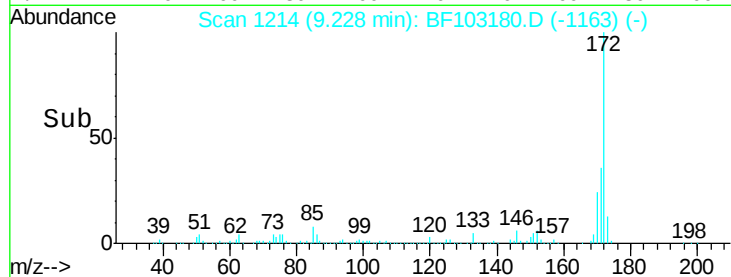
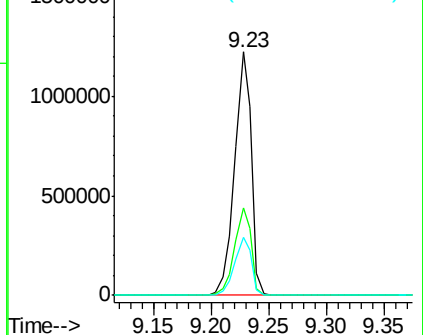
#44
2-Fluorobiphenyl
Concen: 71.066 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:172 Resp: 1220161
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.0 19.6 29.4

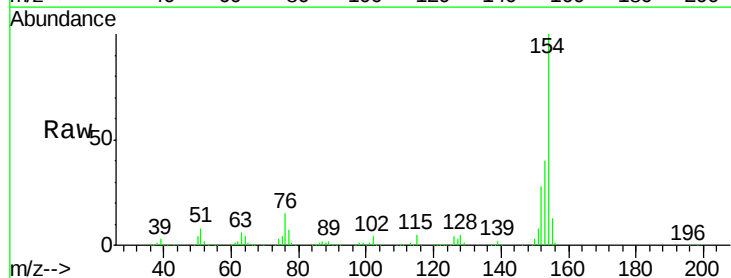


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

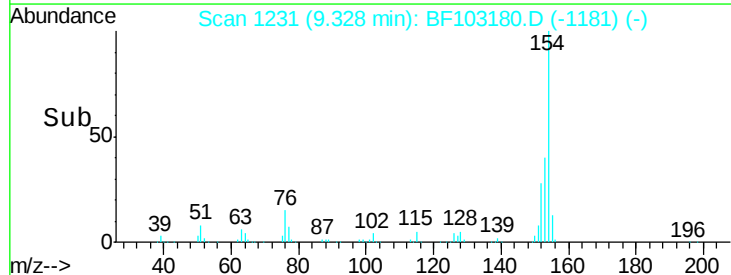
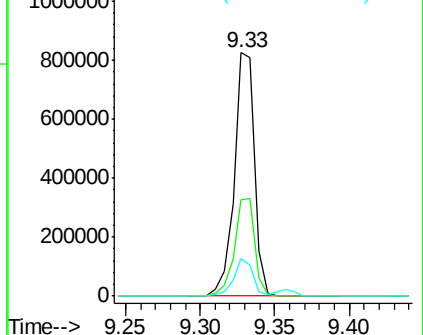


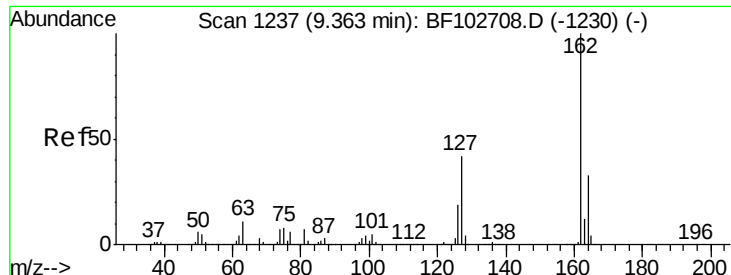
#45
1,1'-Biphenyl
Concen: 32.973 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:154 Resp: 785609
Ion Ratio Lower Upper
154 100
153 39.7 21.3 61.3
76 15.2 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

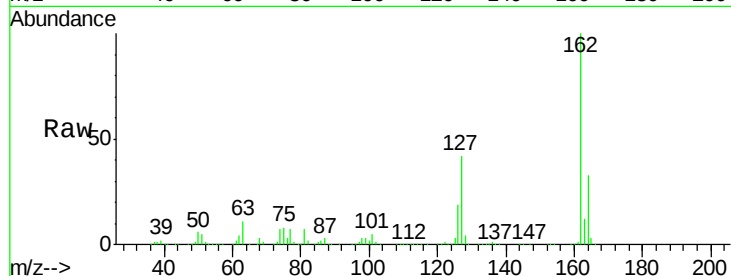




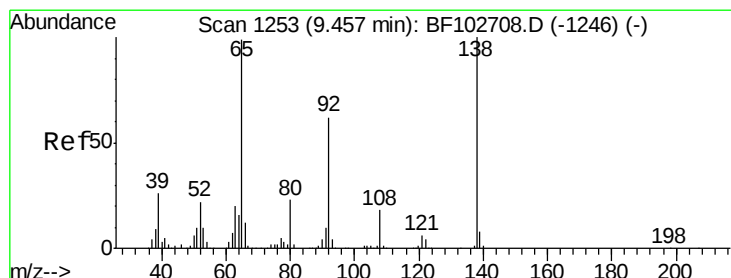
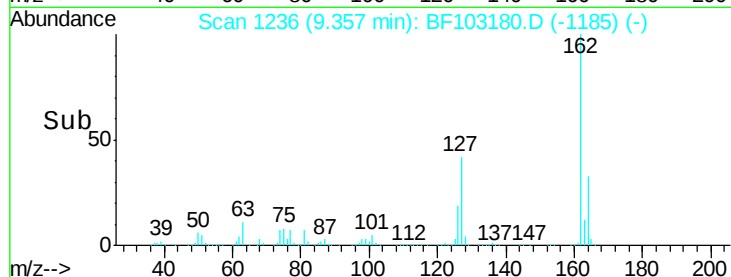
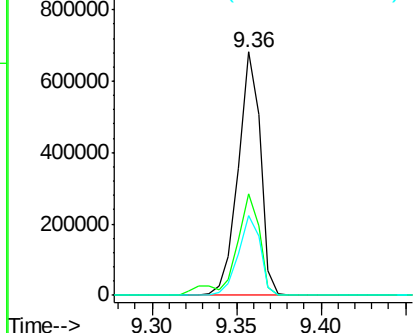
#46
 2-Chloronaphthalene
 Concen: 33.035 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Tot Ion:162 Resp: 622674
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 32.6 26.5 39.7

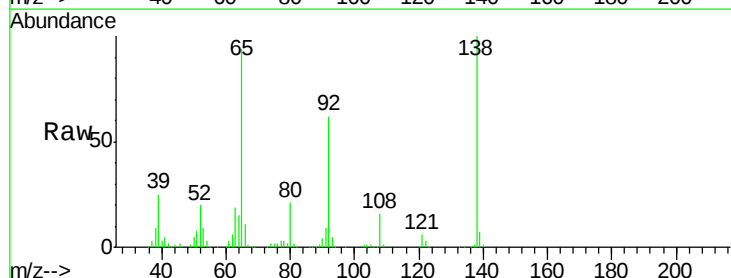


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

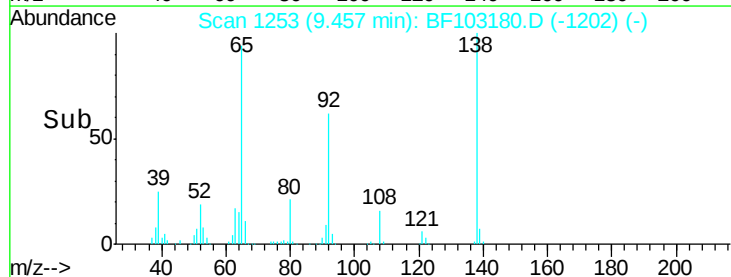
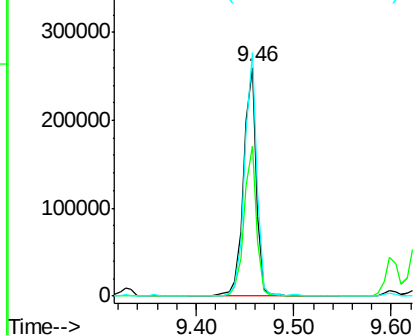


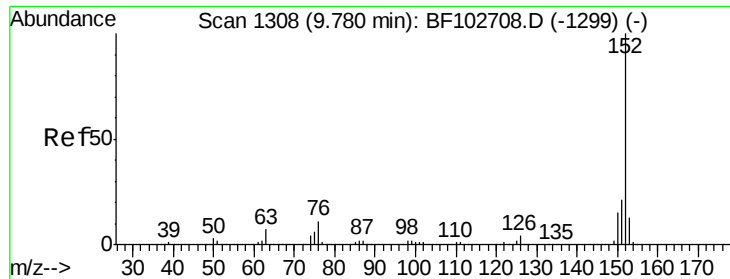
#47
 2-Nitroaniline
 Concen: 33.968 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

Tgt Ion: 65 Resp: 237170
 Ion Ratio Lower Upper
 65 100
 92 66.0 55.8 83.6
 138 106.7 91.2 136.8



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





#48

Acenaphthylene

Concen: 32.056 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

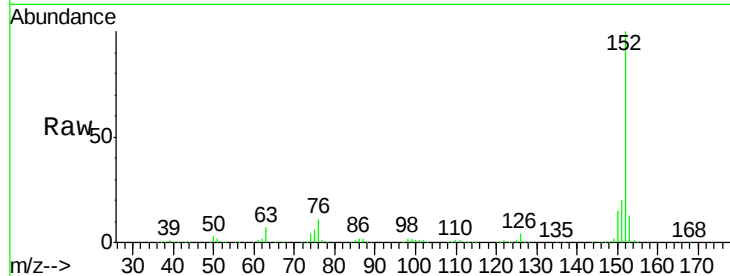
Tot Ion:152 Resp: 929658

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

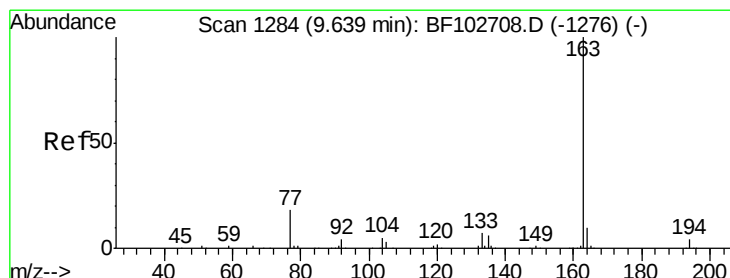
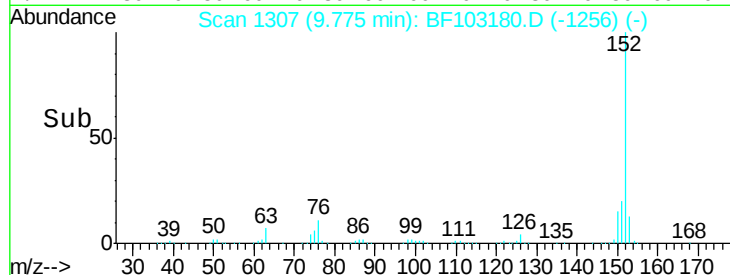
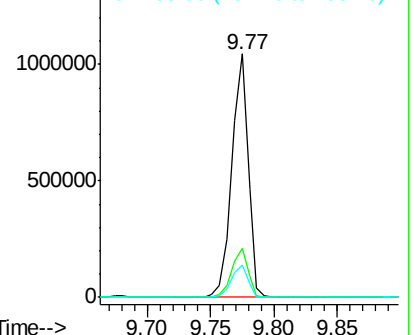
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 33.016 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

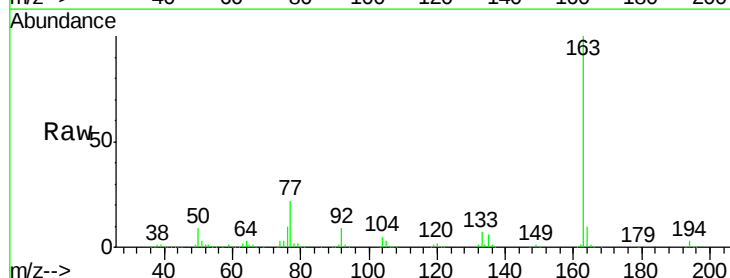
Tgt Ion:163 Resp: 753076

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

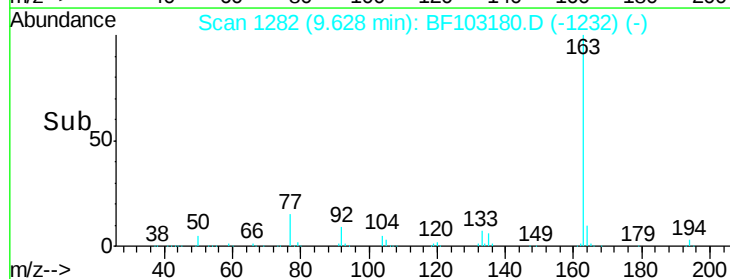
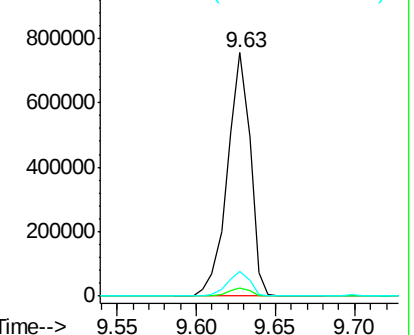
164 10.3 8.2 12.2

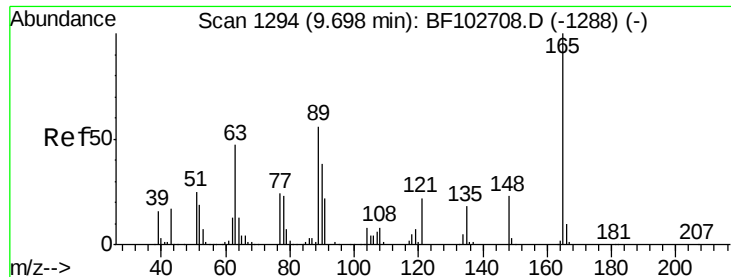


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

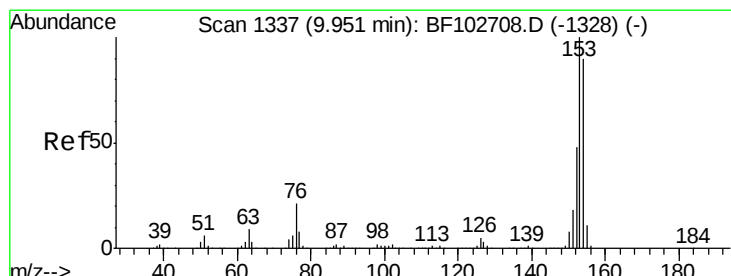
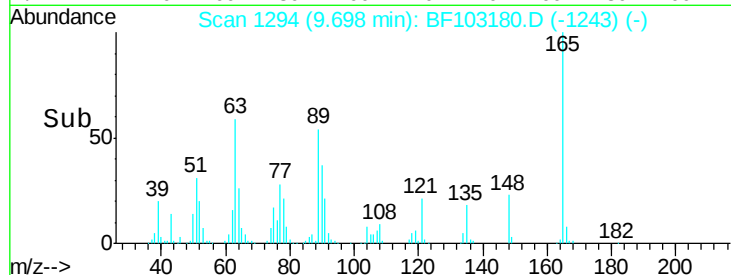
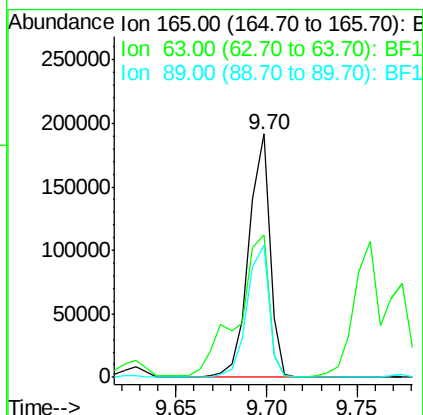
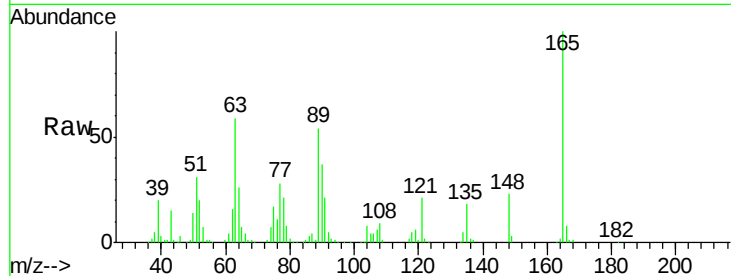




#50
2,6-Dinitrotoluene
Concen: 32.538 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

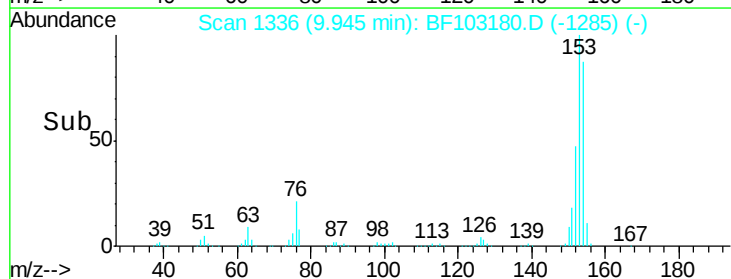
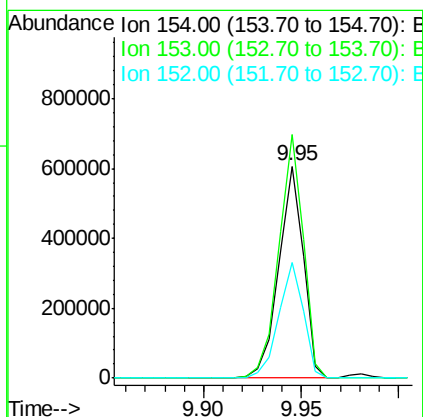
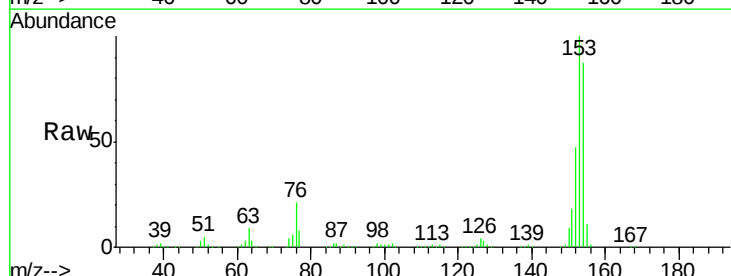
Instrument :
BNA_F
ClientSampleId :
PB106745BS

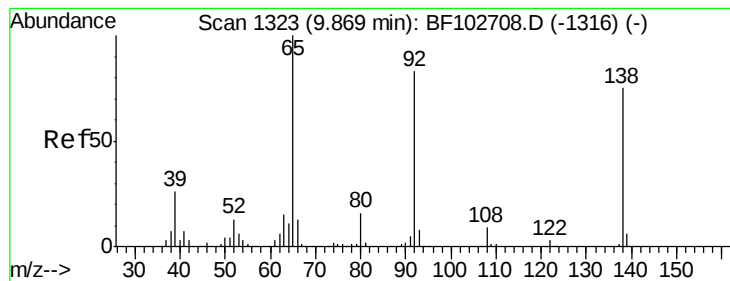
Tot Ion:165 Resp: 155749
Ion Ratio Lower Upper
165 100
63 58.7 44.7 67.1
89 54.2 44.0 66.0



#51
Acenaphthene
Concen: 31.390 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:154 Resp: 530839
Ion Ratio Lower Upper
154 100
153 115.0 91.2 136.8
152 54.4 43.8 65.8





#52

3-Nitroaniline

Concen: 19.628 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

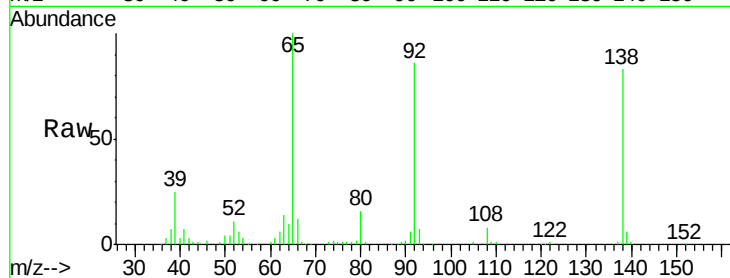
Tot Ion:138 Resp: 119196

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

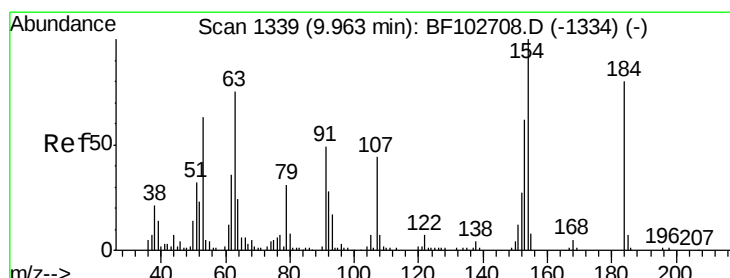
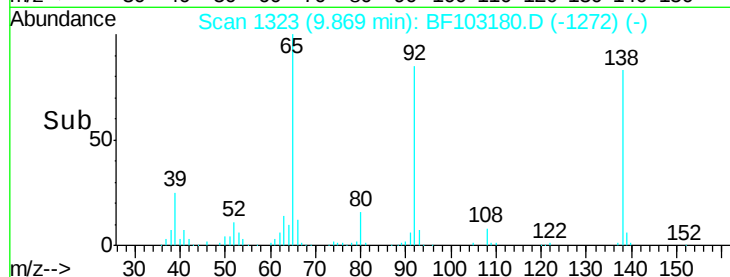
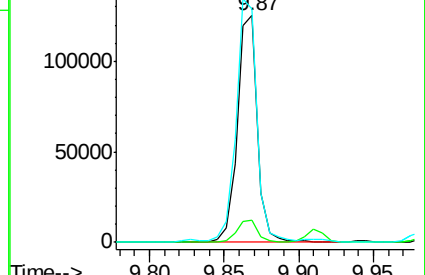
92 103.0 89.4 134.2



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: 18.151 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

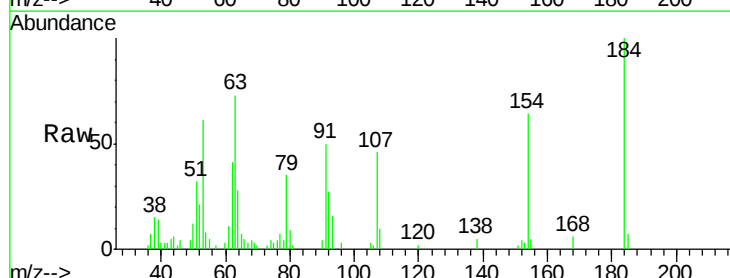
Tgt Ion:184 Resp: 16764

Ion Ratio Lower Upper

184 100

63 72.8 54.2 81.2

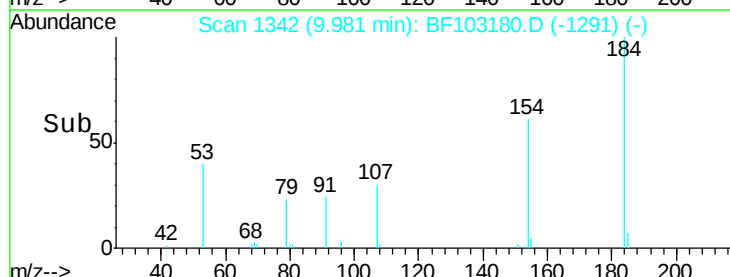
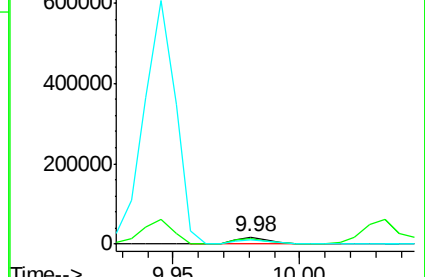
154 63.6 184.0 276.0#

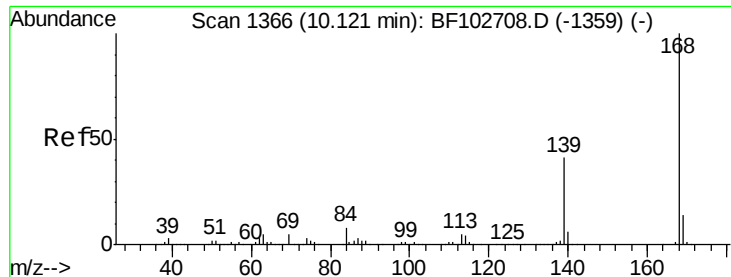


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

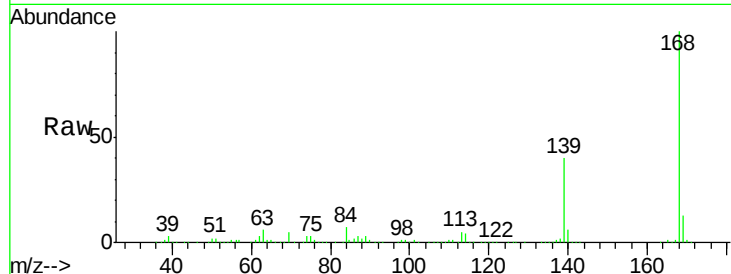




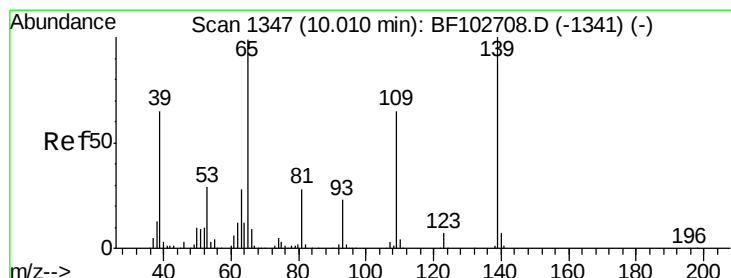
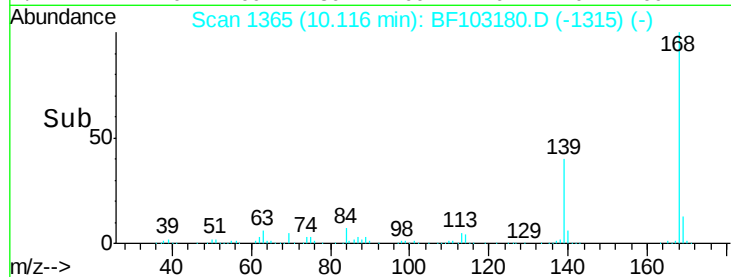
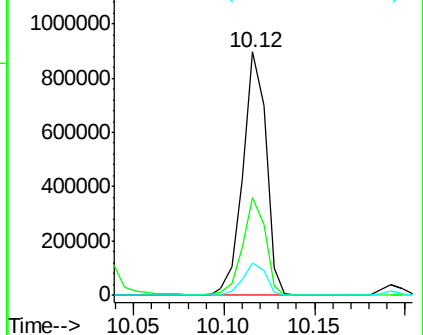
#54
Dibenzenofuran
Concen: 34.475 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:168 Resp: 800308
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 13.3 10.9 16.3

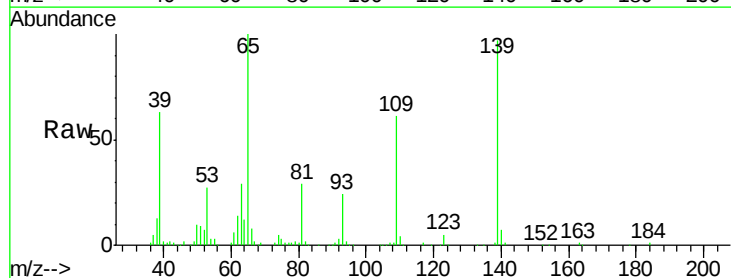


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

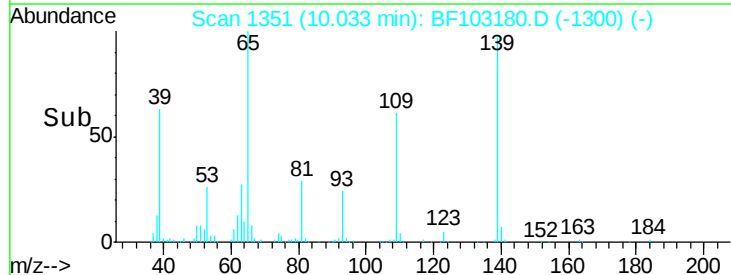
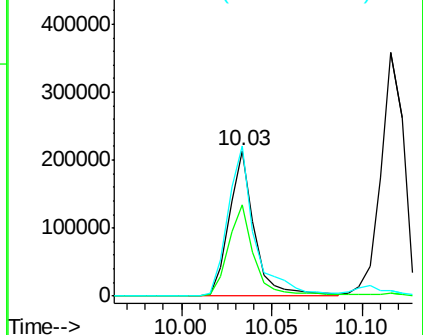


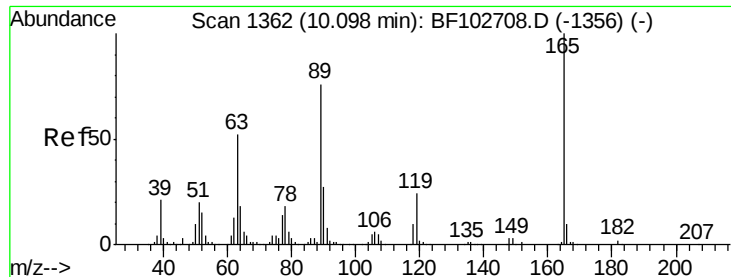
#55
4-Nitrophenol
Concen: 55.306 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:139 Resp: 208161
Ion Ratio Lower Upper
139 100
109 63.3 48.4 88.4
65 103.2 72.6 112.6



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

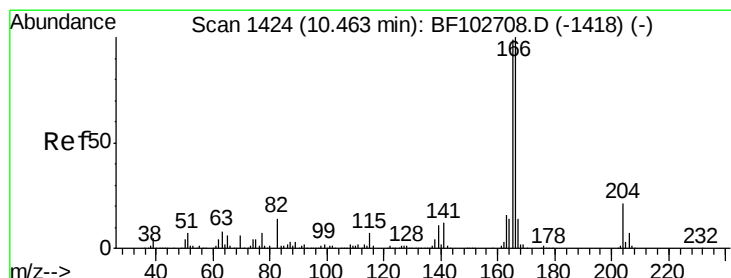
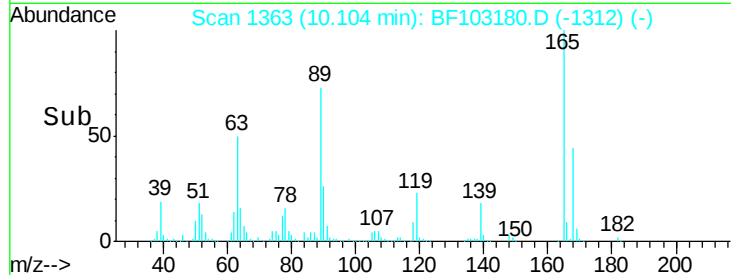
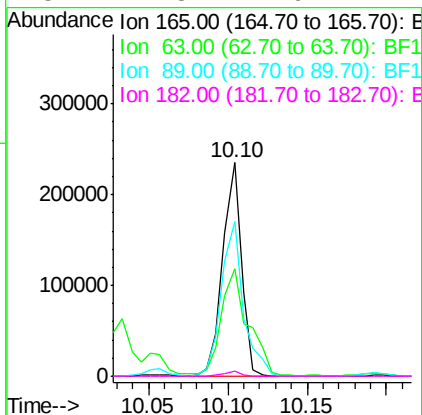
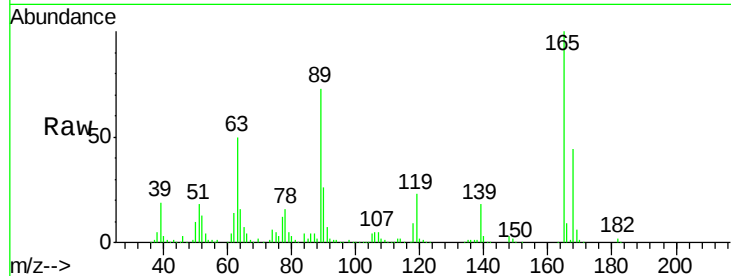




#56
 2,4-Dinitrotoluene
 Concen: 32.272 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

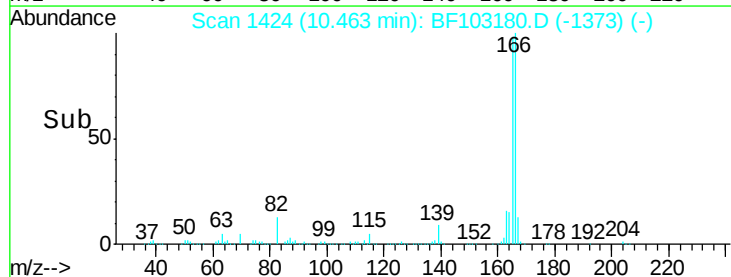
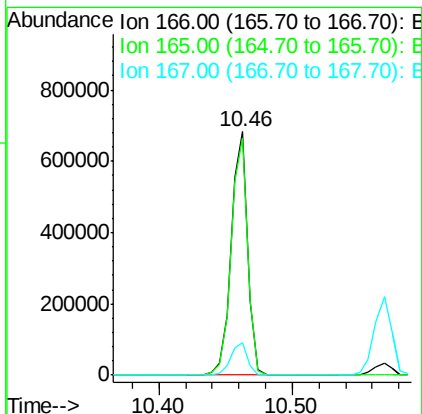
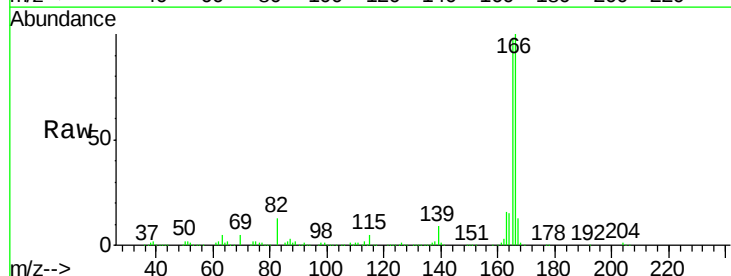
Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

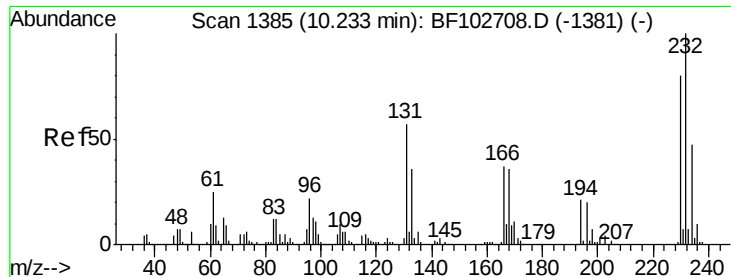
Tot Ion:	165	Resp:	195370
Ion	Ratio	Lower	Upper
165	100		
63	50.1	36.4	54.6
89	72.5	57.8	86.6
182	2.3	1.6	2.4



#57
 Fluorene
 Concen: 29.929 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

Tgt Ion:	166	Resp:	591861
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.5	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 31.727 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

Tot Ion:232 Resp: 128211

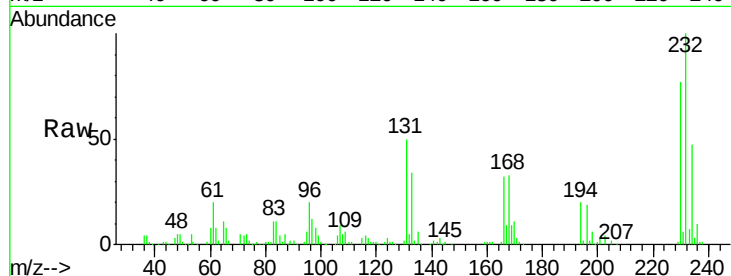
Ion Ratio Lower Upper

232 100

131 55.6 43.8 65.8

130 2.6 2.1 3.1

166 34.7 27.8 41.6

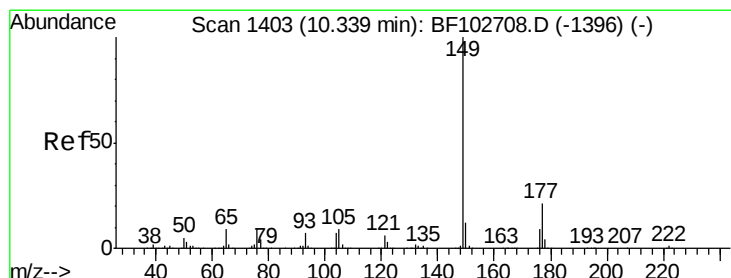
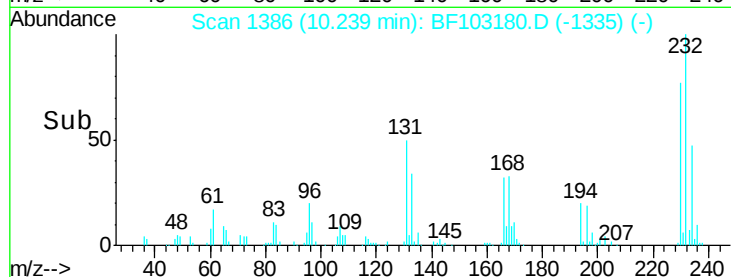
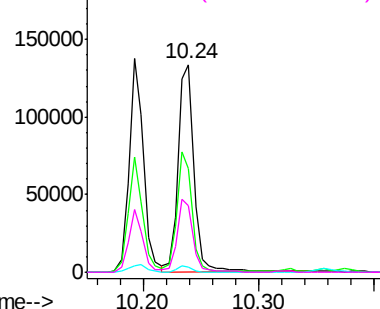


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 32.442 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

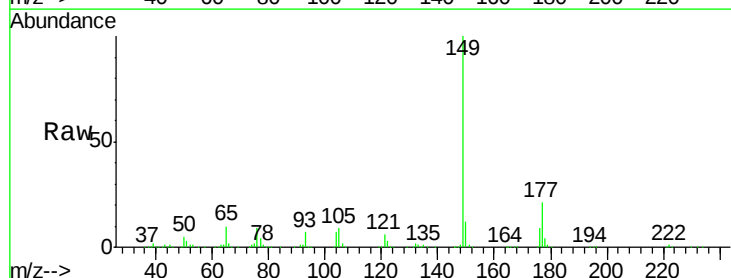
Tgt Ion:149 Resp: 707728

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

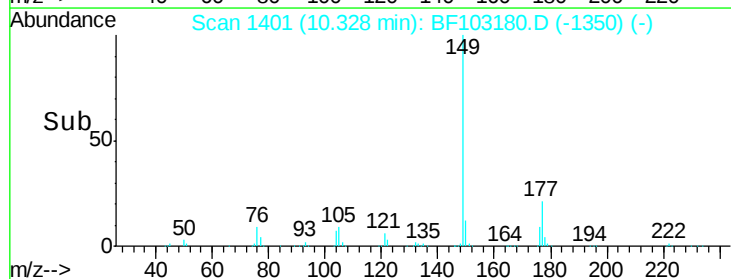
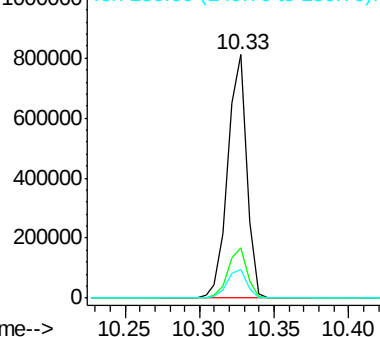
150 12.0 10.1 15.1

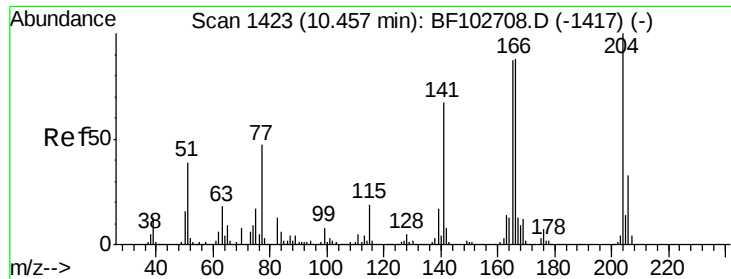


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

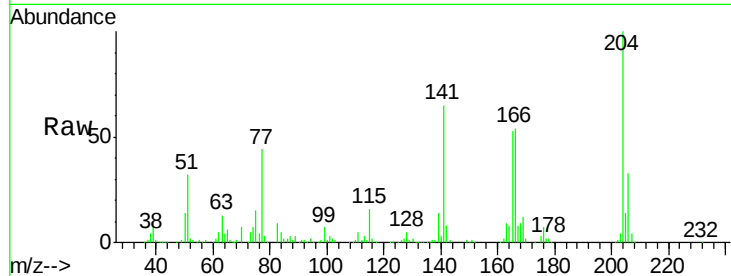




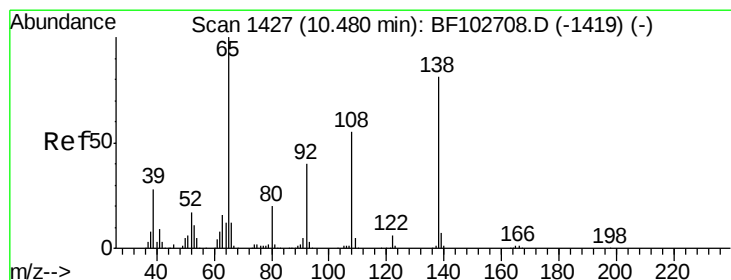
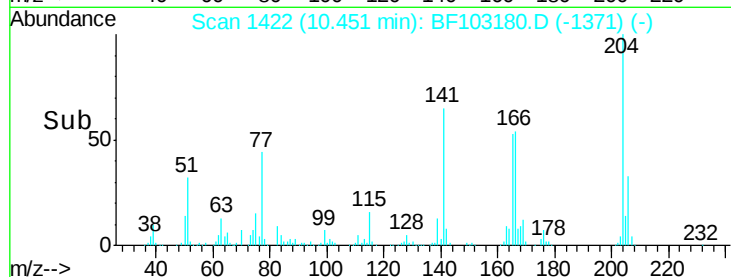
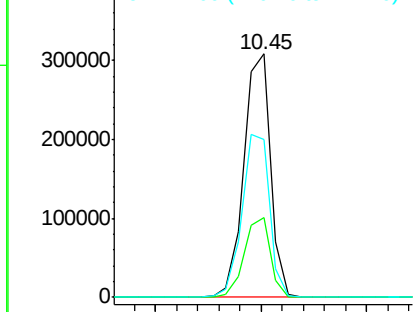
#60
4-Chlorophenyl-phenylether
Concen: 32.228 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:204 Resp: 270272
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.9 54.6 81.8

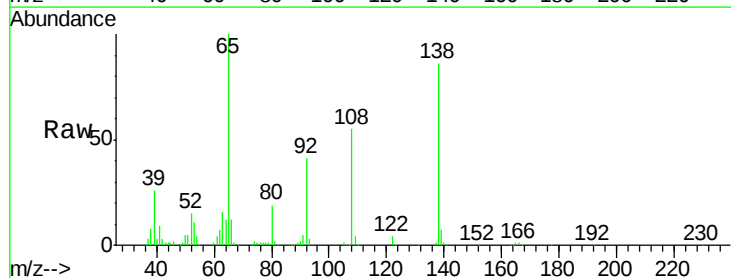


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

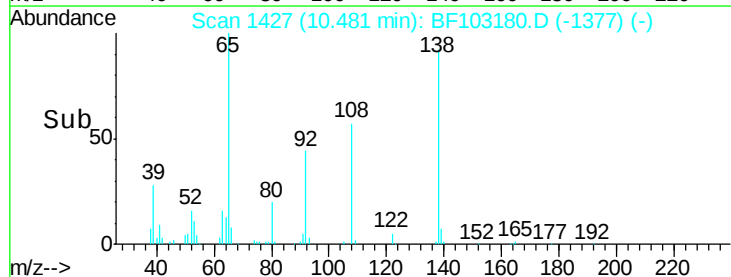
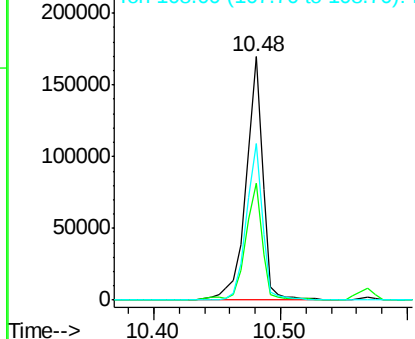


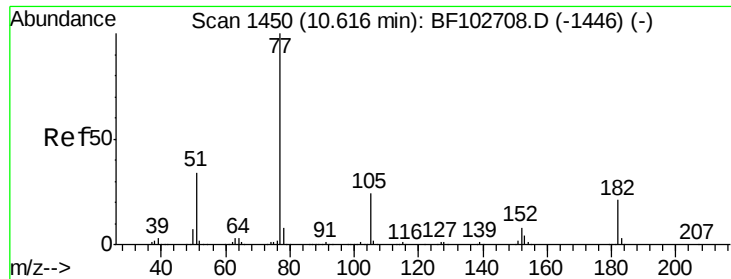
#61
4-Nitroaniline
Concen: 25.694 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:138 Resp: 155852
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 64.5 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: 32.068 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

Tot Ion: 77 Resp: 712077

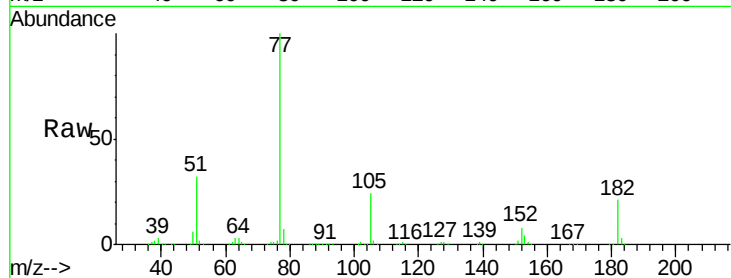
Ion Ratio Lower Upper

77 100

182 20.9 1.7 41.7

105 23.7 3.0 43.0

51 32.2 9.9 49.9

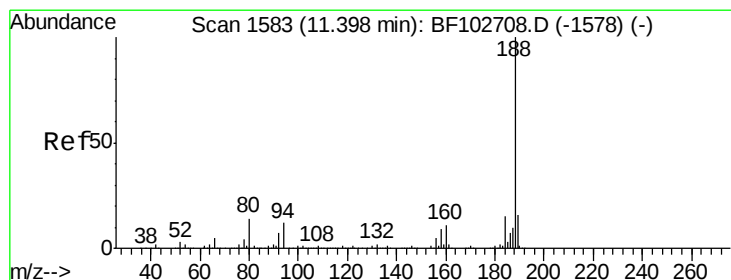
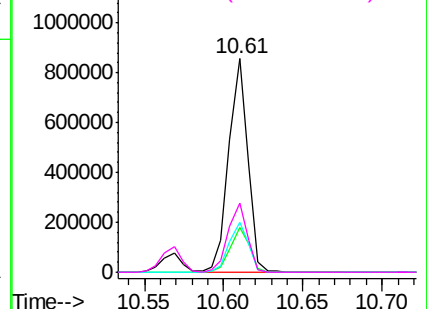
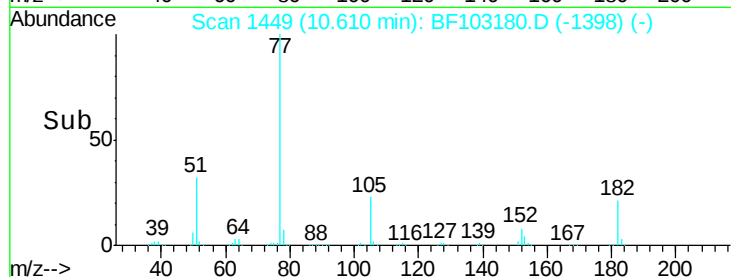


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

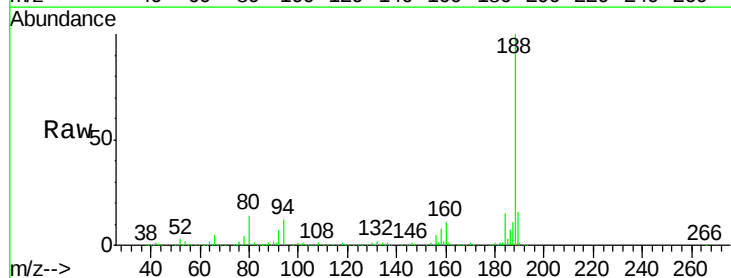
Tgt Ion: 188 Resp: 409503

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

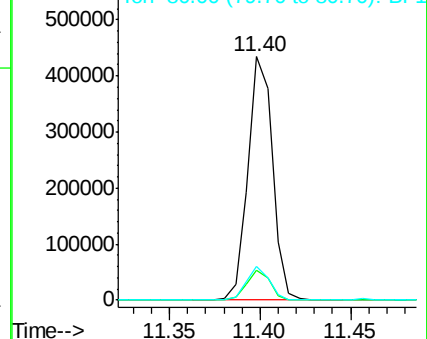
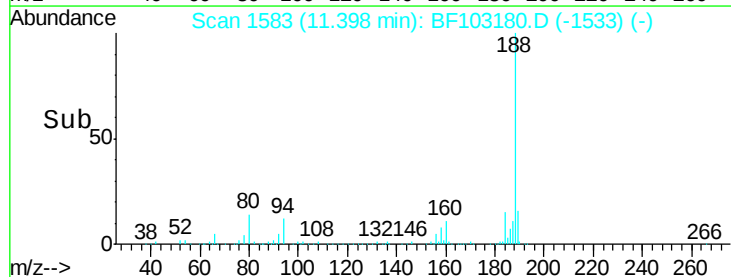
80 13.8 9.2 13.8#

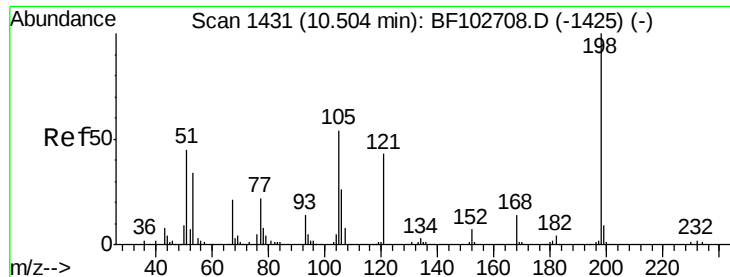


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

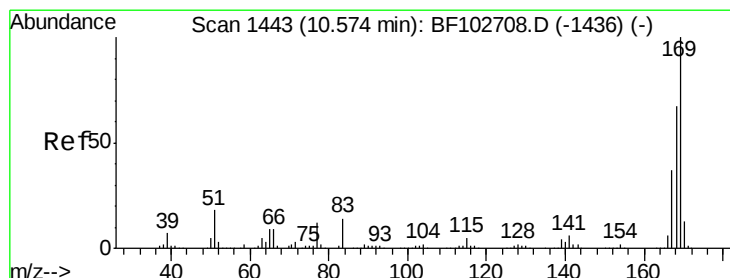
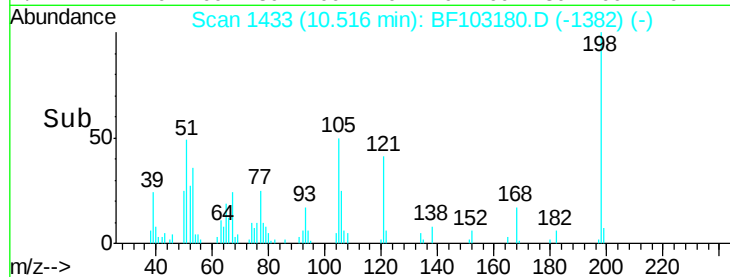
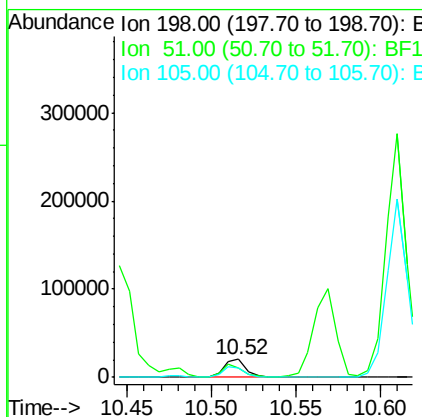
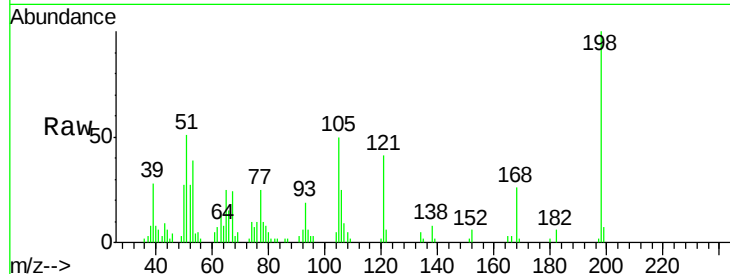




#64
4,6-Dinitro-2-methylphenol
Concen: 11.819 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

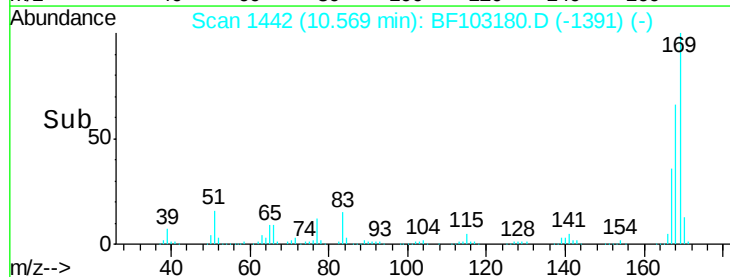
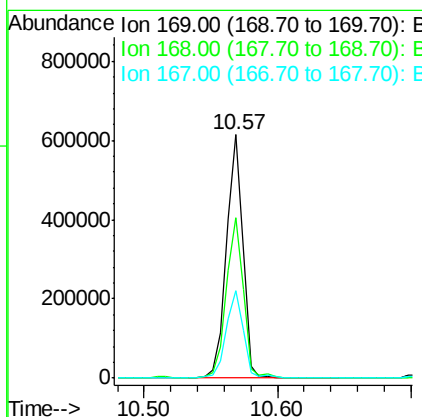
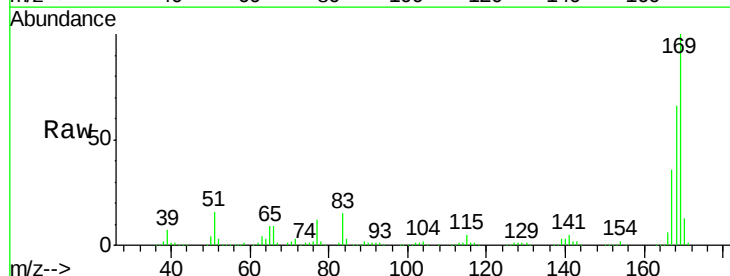
Instrument :
BNA_F
ClientSampleId :
PB106745BS

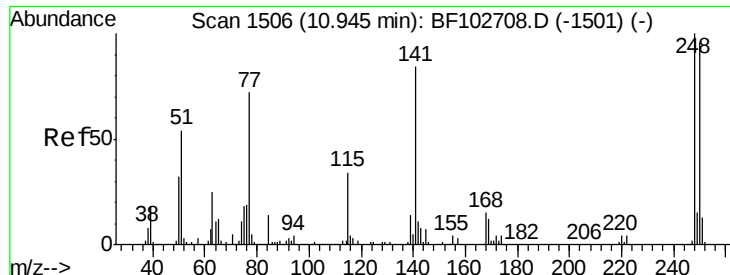
Tot Ion:198 Resp: 19093
Ion Ratio Lower Upper
198 100
51 51.5 37.7 77.7
105 49.9 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 37.720 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:169 Resp: 537828
Ion Ratio Lower Upper
169 100
168 65.8 54.4 81.6
167 36.1 29.8 44.6

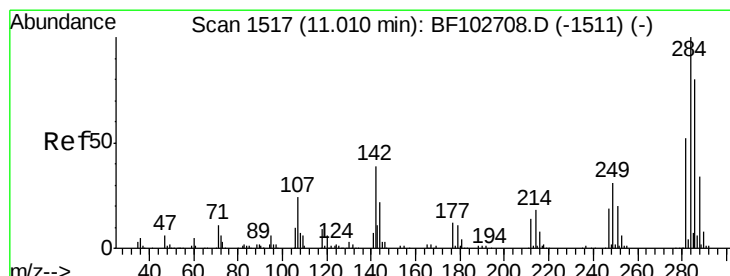
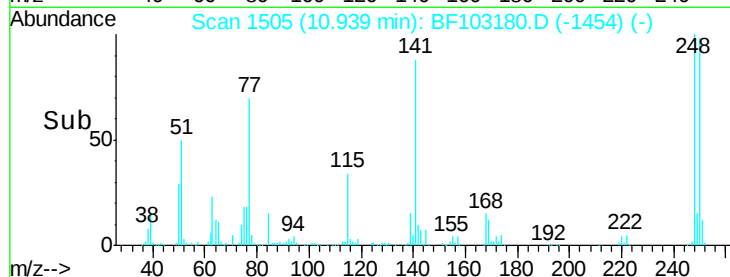
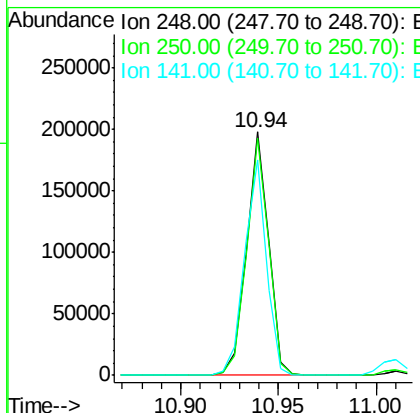
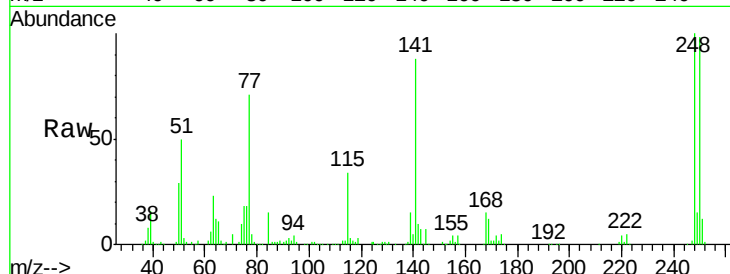




#66
 4-Bromophenyl-phenylether
 Concen: 36.217 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

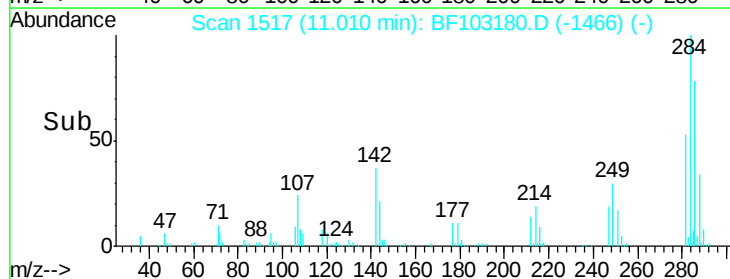
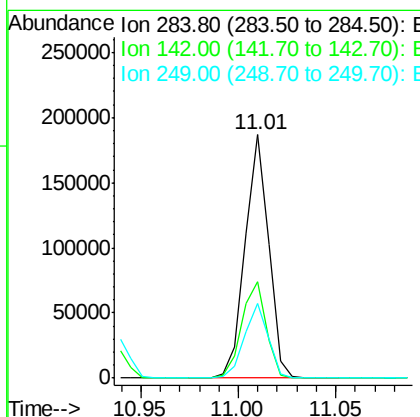
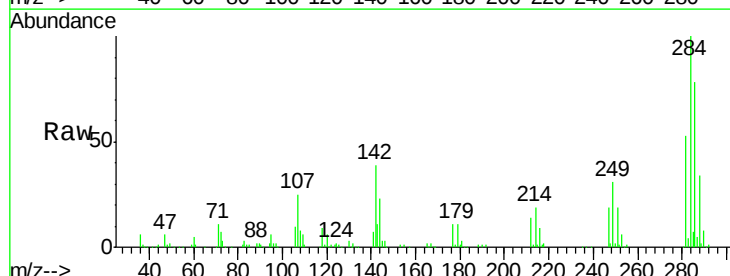
Instrument :
 BNA_F
 ClientSampled :
 PB106745BS

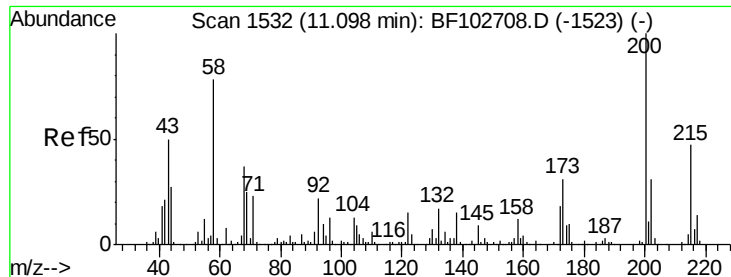
Tot Ion:248 Resp: 154493
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 88.3 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 33.860 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

Tgt Ion:284 Resp: 156776
 Ion Ratio Lower Upper
 284 100
 142 39.5 34.6 52.0
 249 30.9 24.8 37.2

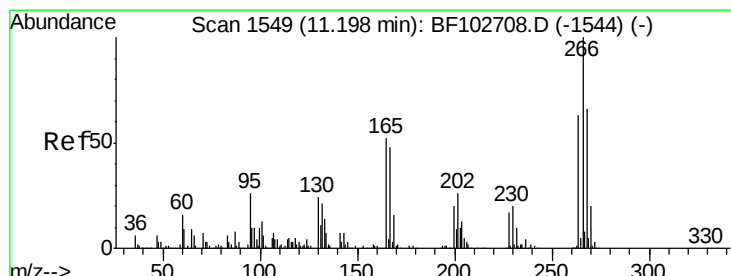
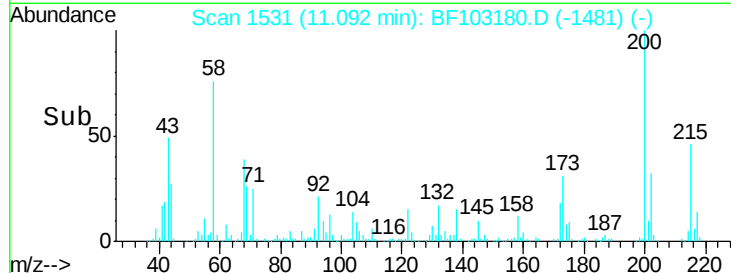
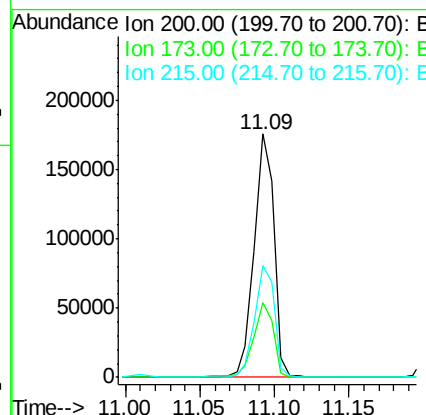
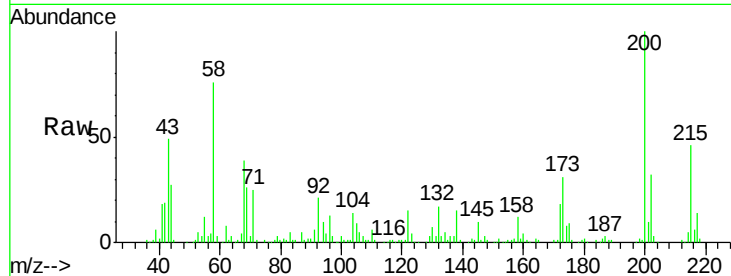




#68
 Atrazine
 Concen: 37.429 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

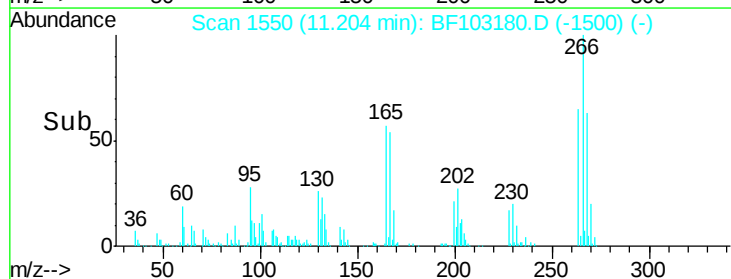
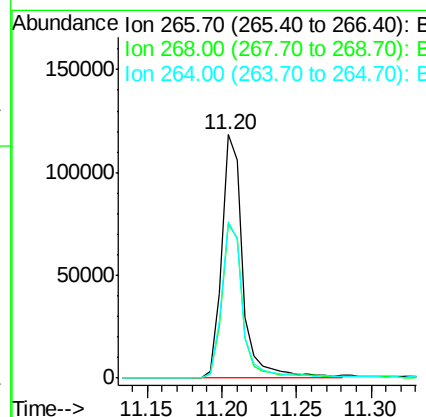
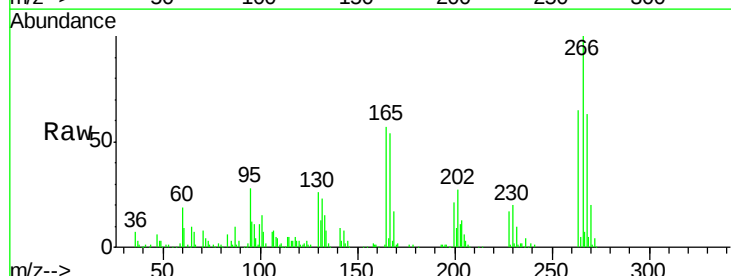
Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

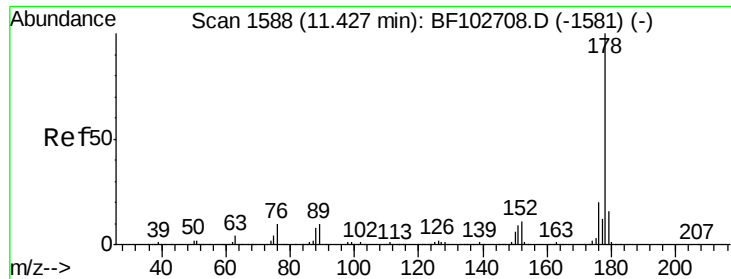
Tot Ion:200 Resp: 160404
 Ion Ratio Lower Upper
 200 100
 173 30.6 8.6 48.6
 215 45.9 25.1 65.1



#69
 Pentachlorophenol
 Concen: 52.746 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103180.D
 Acq: 22 Feb 2018 23:13

Tgt Ion:266 Resp: 118084
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 64.6 49.5 74.3





#70

Phenanthrene

Concen: 32.698 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

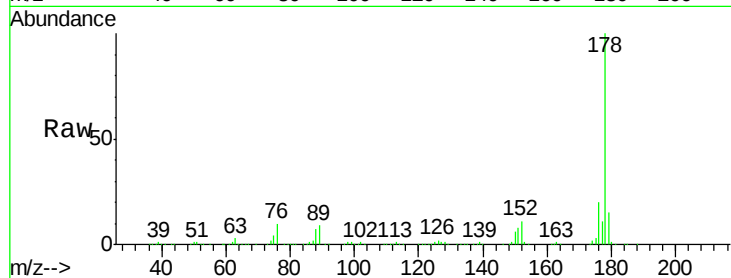
Tot Ion:178 Resp: 736898

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

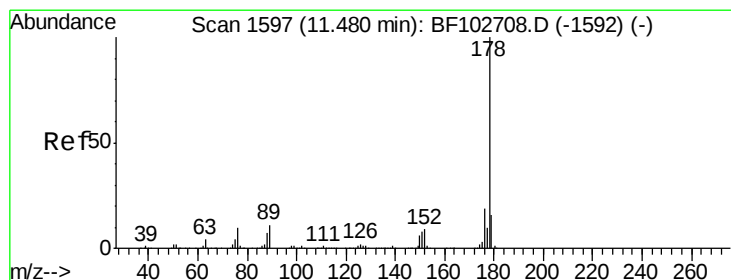
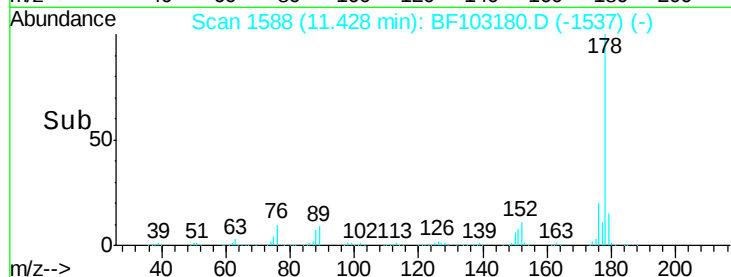
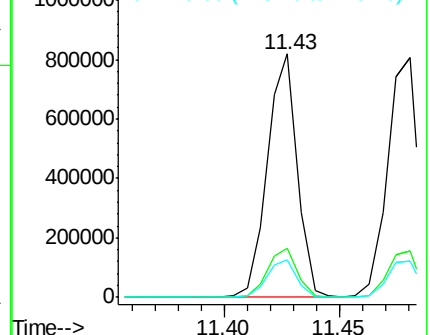
179 15.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 32.772 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

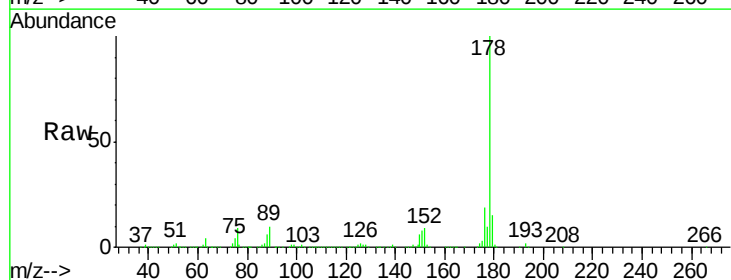
Tgt Ion:178 Resp: 757340

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

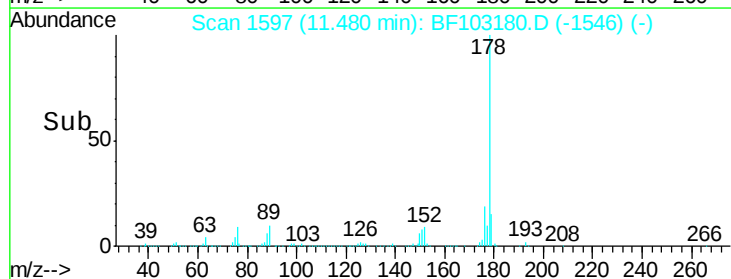
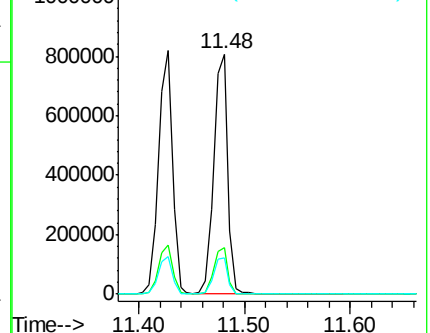
179 15.4 12.6 19.0

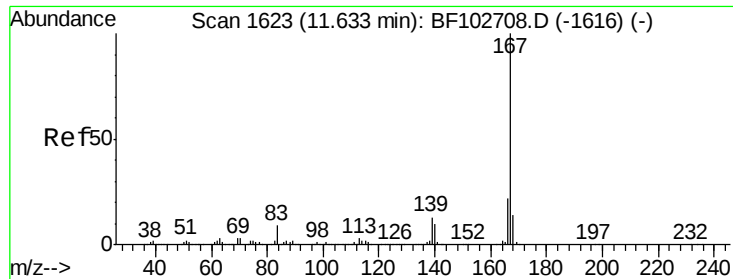


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 30.819 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

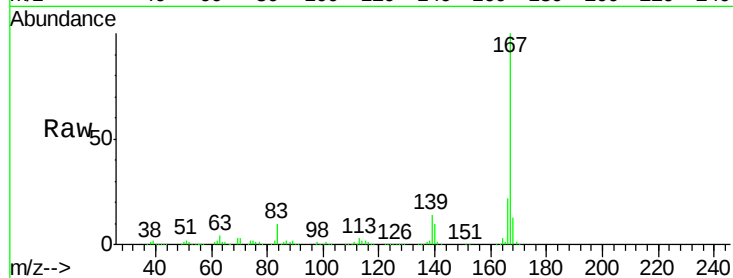
Tot Ion:167 Resp: 709236

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

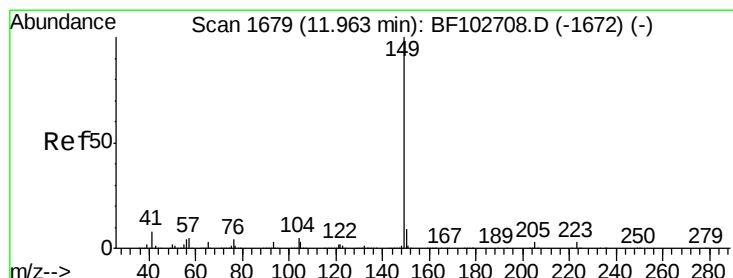
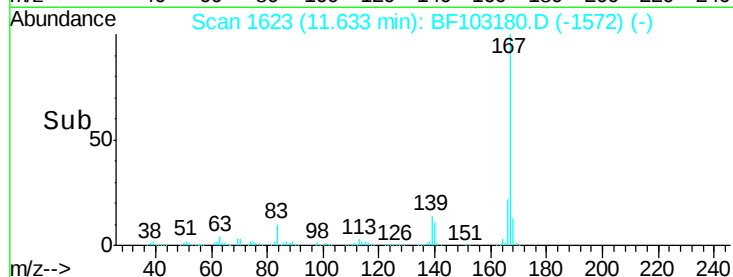
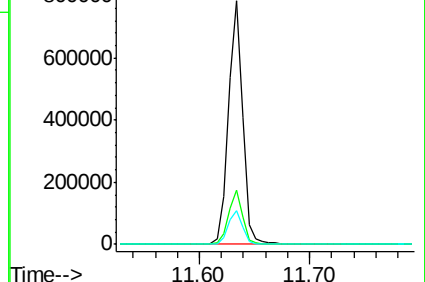
139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 34.515 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

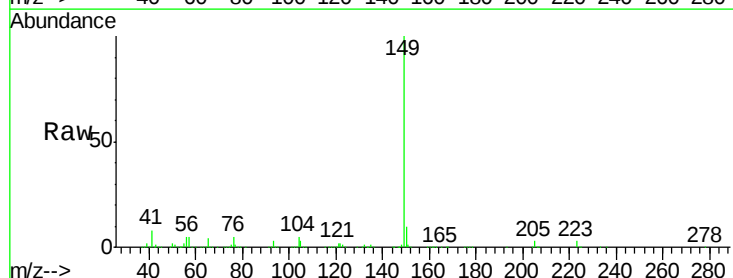
Tgt Ion:149 Resp: 993901

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

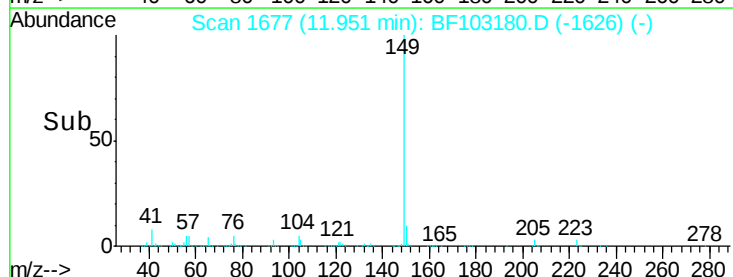
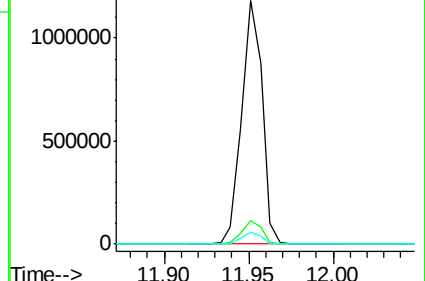
104 4.7 3.8 5.8

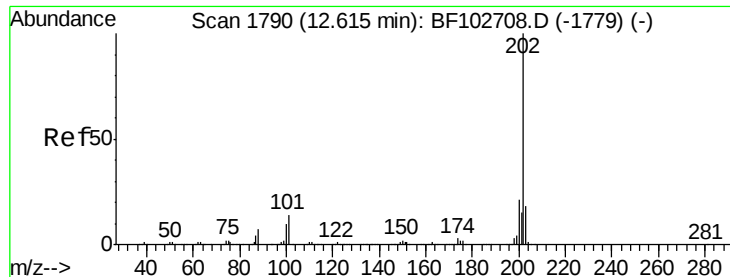


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

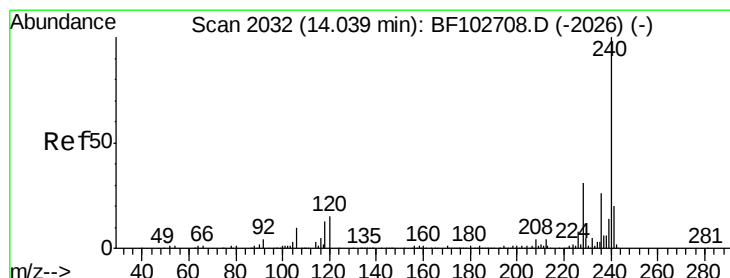
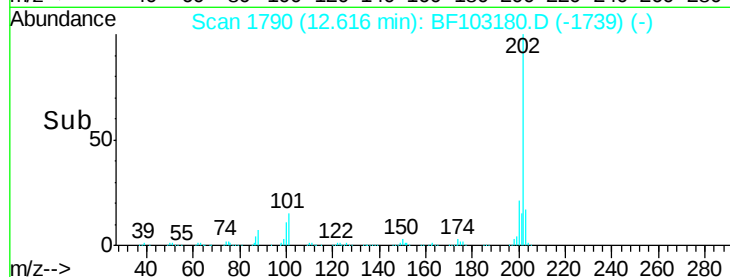
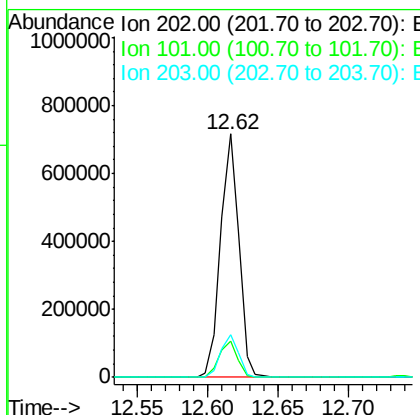
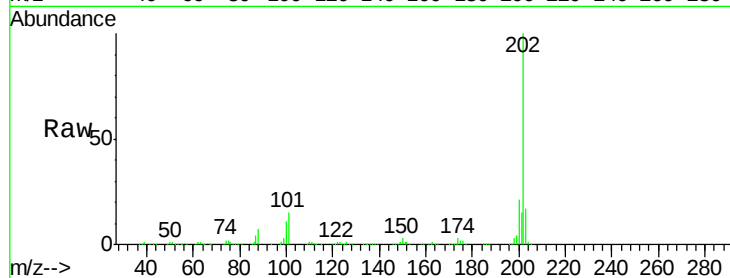




#74
Fluoranthene
Concen: 28.744 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

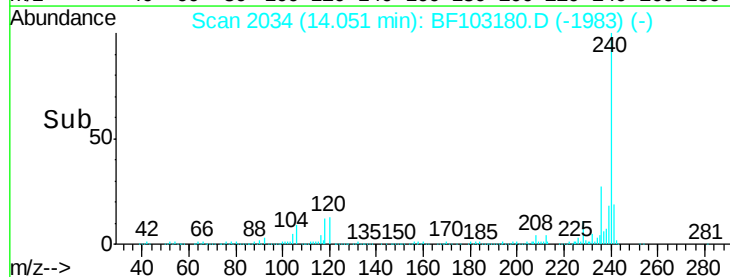
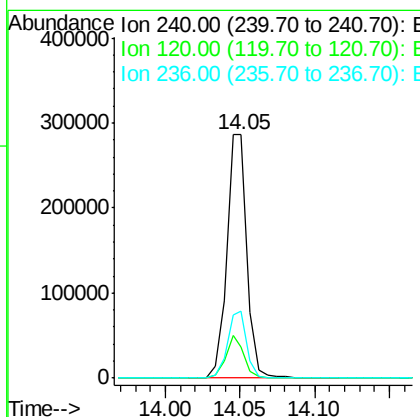
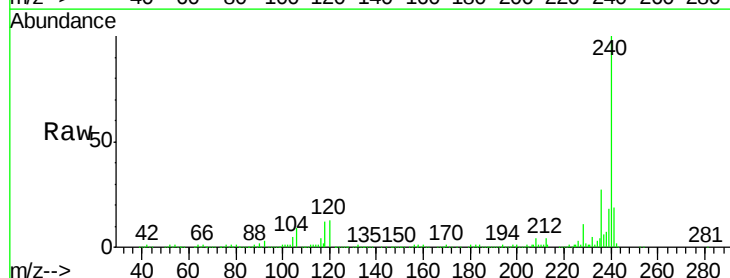
Instrument :
BNA_F
ClientSampleId :
PB106745BS

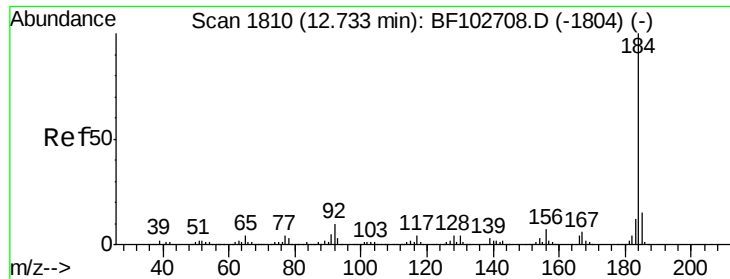
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.3	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	27.4	20.7	31.1

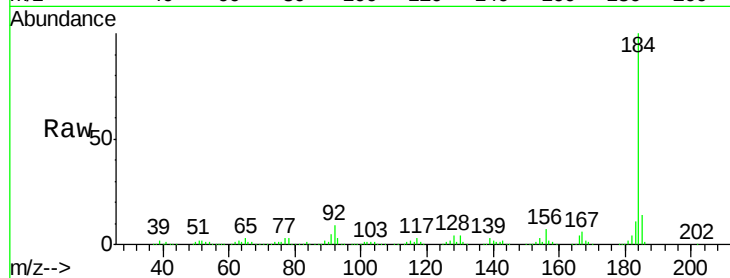




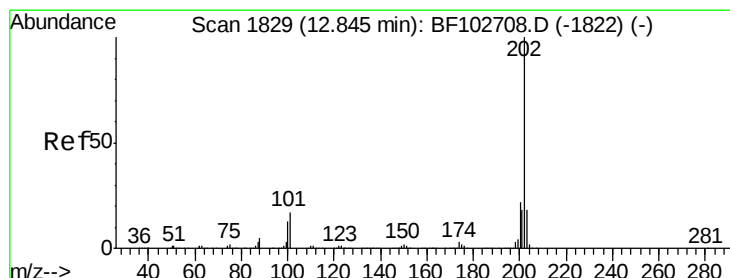
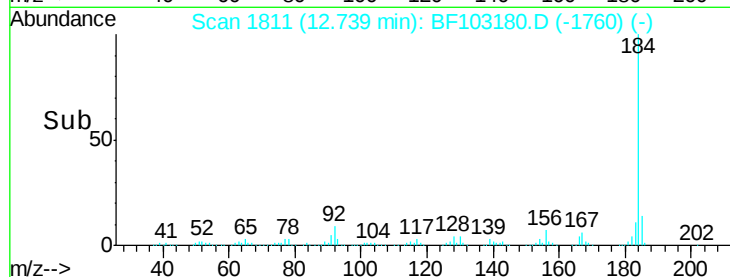
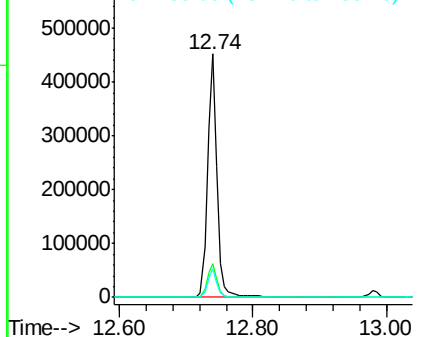
#76
Benzidine
Concen: 43.564 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:184 Resp: 445600
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.5 9.3 13.9

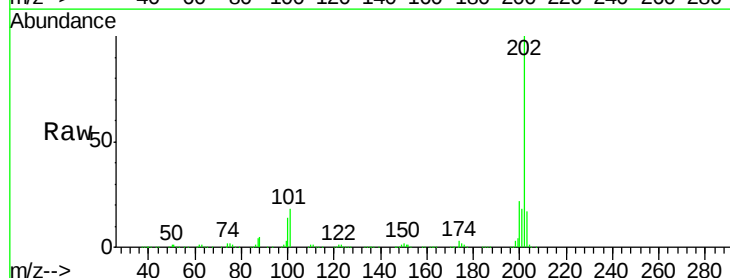


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

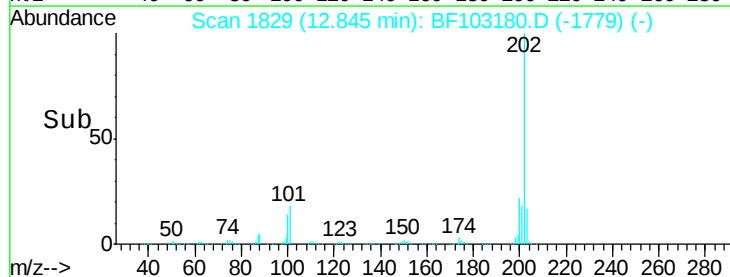
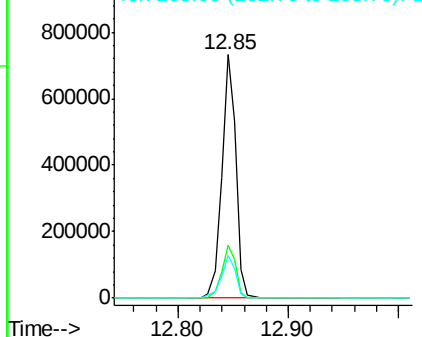


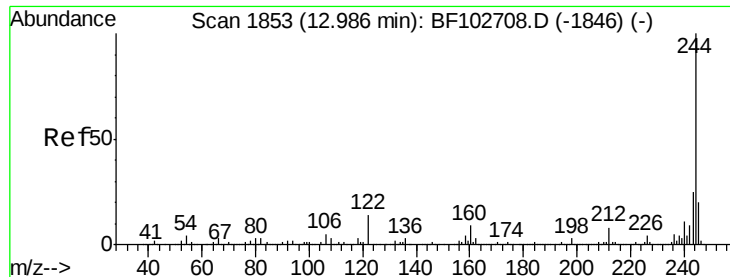
#77
Pyrene
Concen: 30.409 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:202 Resp: 648666
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.3 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: 69.697 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

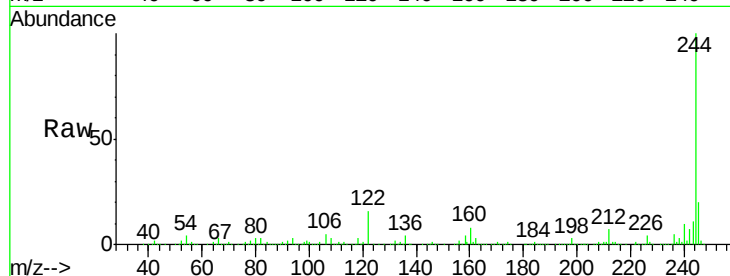
Tot Ion:244 Resp: 793276

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

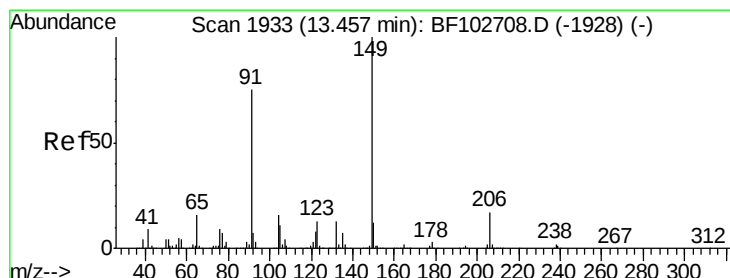
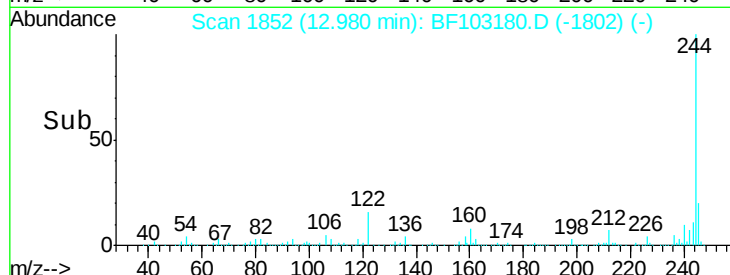
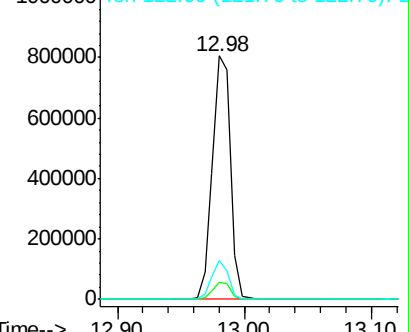
122 16.0 11.0 16.4



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: 31.047 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

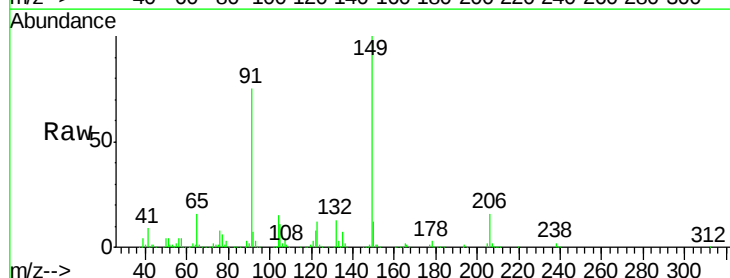
Tgt Ion:149 Resp: 349908

Ion Ratio Lower Upper

149 100

91 74.6 56.8 85.2

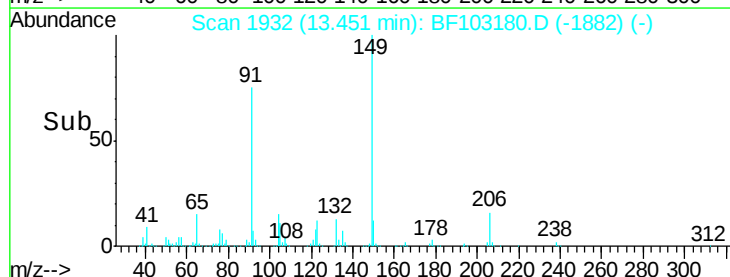
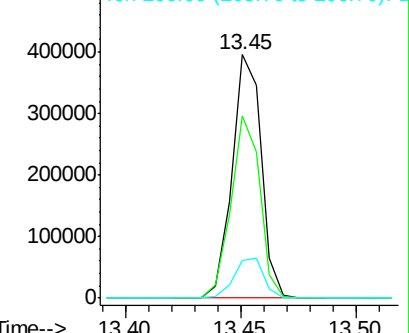
206 15.7 14.1 21.1

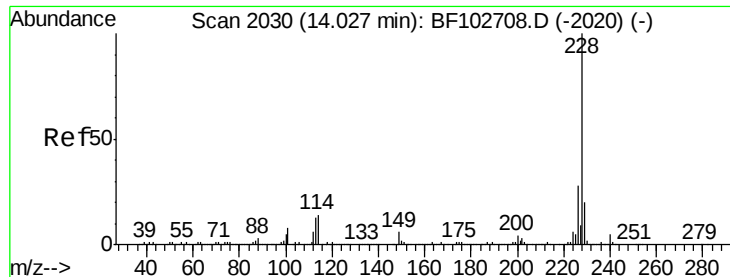


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 32.990 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

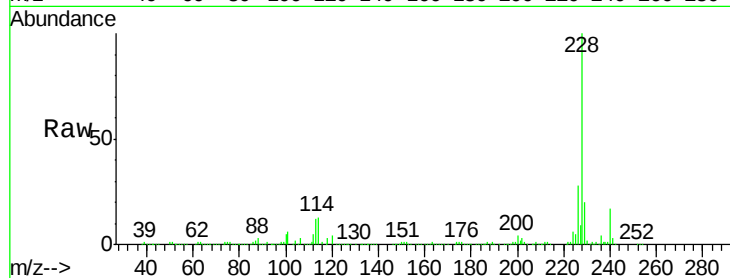
Tot Ion:228 Resp: 585641

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

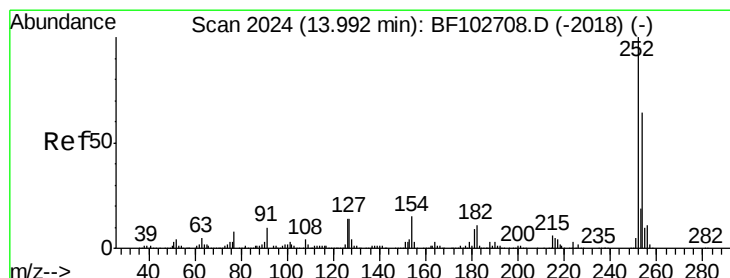
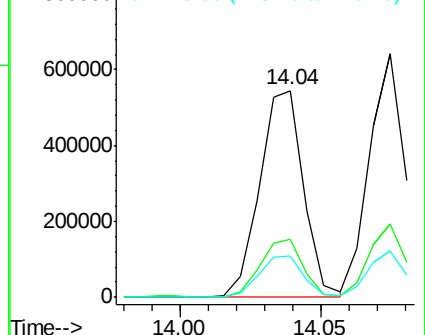
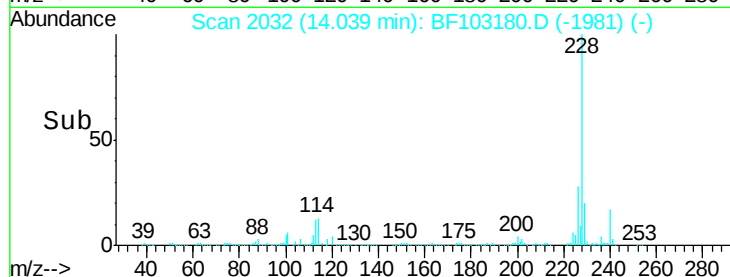
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 32.871 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

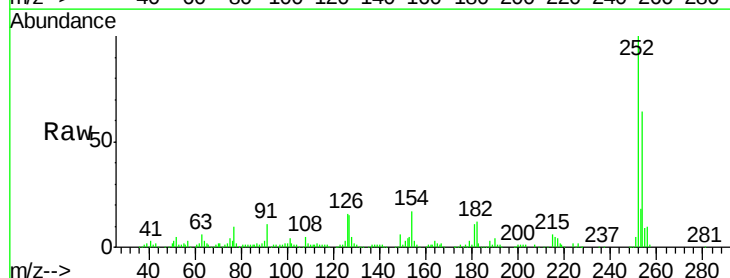
Tgt Ion:252 Resp: 208253

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

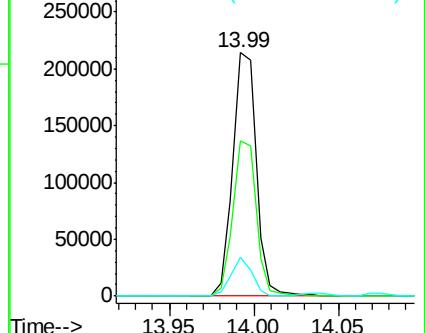
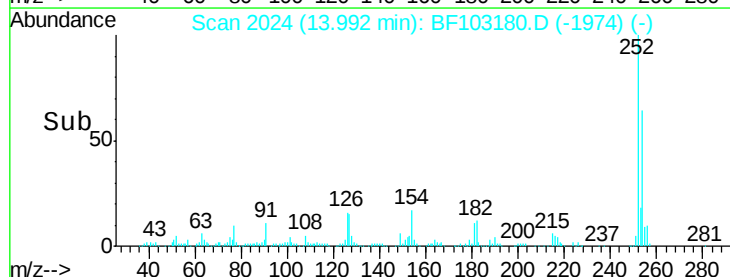
126 16.0 11.3 16.9

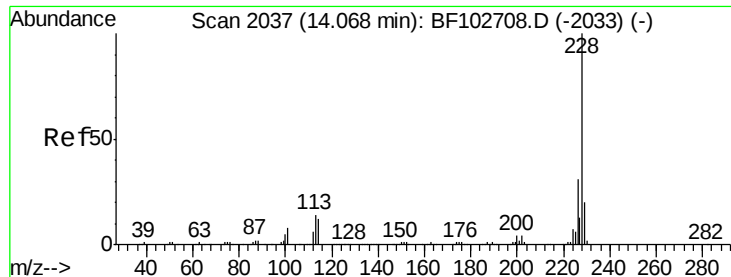


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.621 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

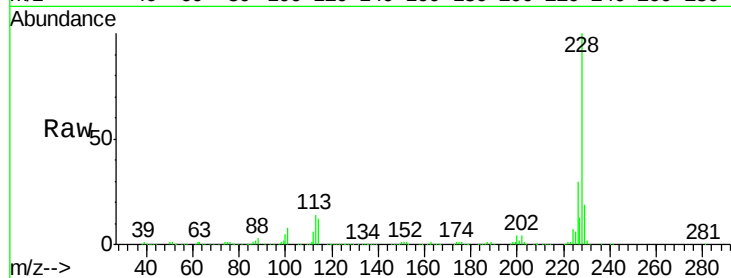
Tot Ion:228 Resp: 562297

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

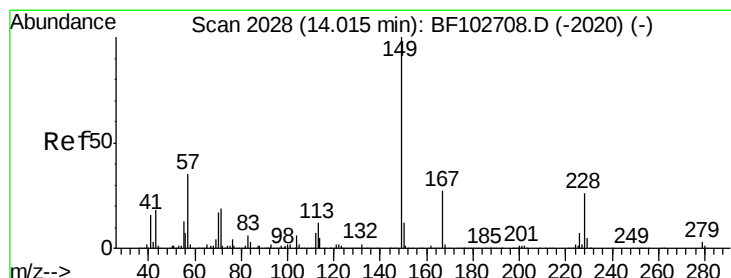
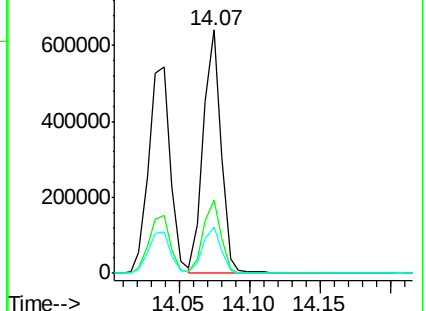
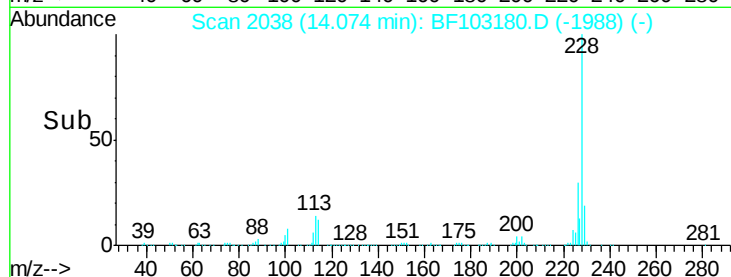
229 19.1 16.2 24.4



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: 31.463 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

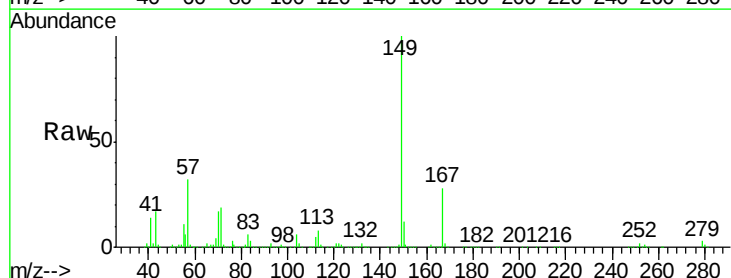
Tgt Ion:149 Resp: 478526

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

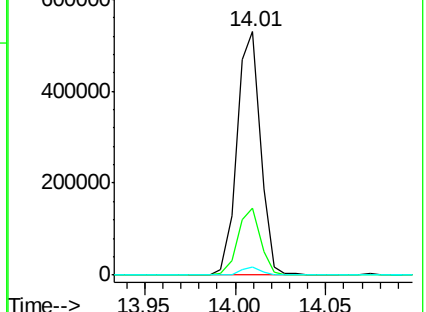
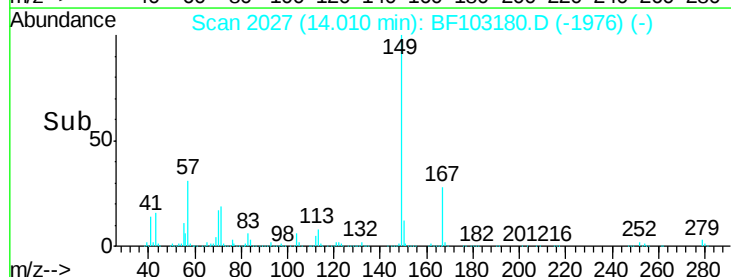
279 3.3 3.0 4.4

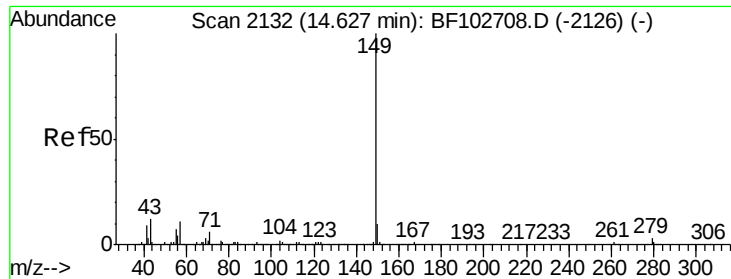


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

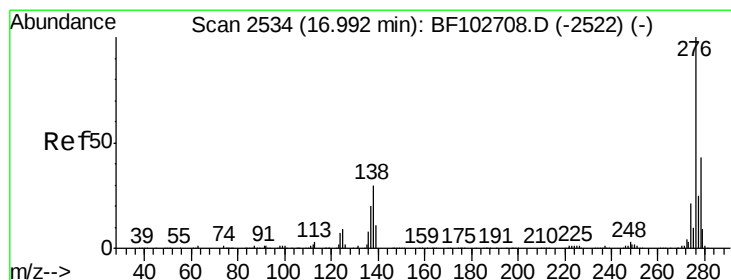
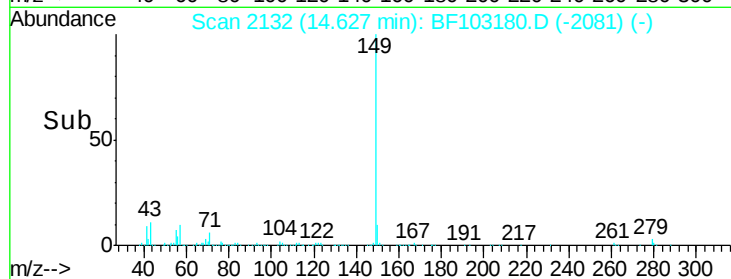
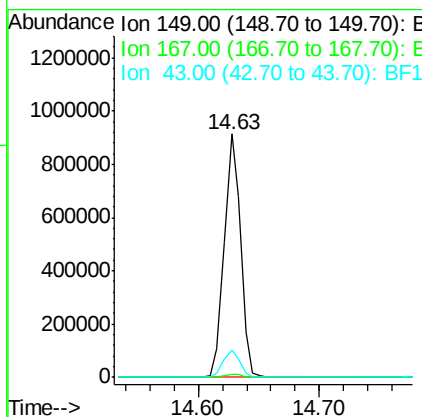
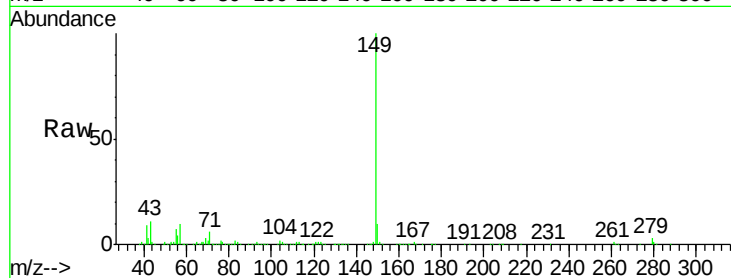




#84
Di-n-octyl phthalate
Concen: 34.825 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

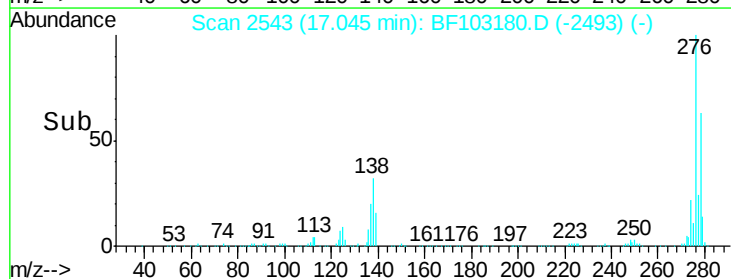
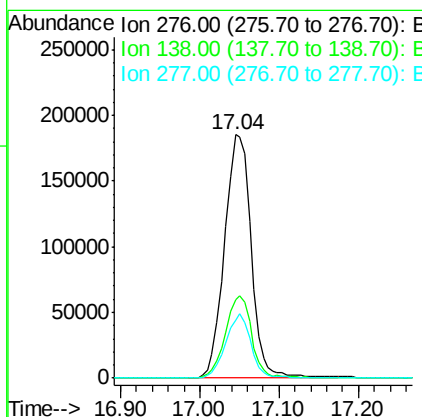
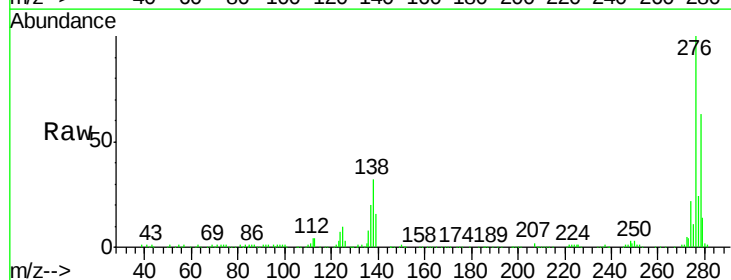
Instrument :
BNA_F
ClientSampleId :
PB106745BS

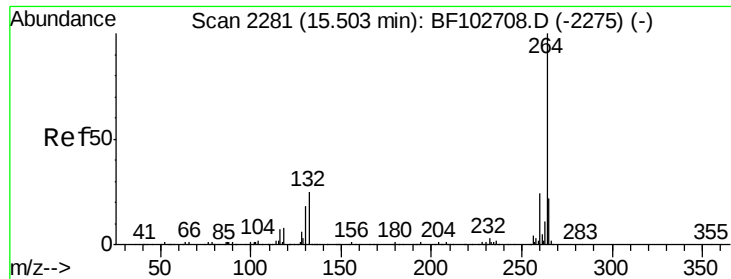
Tot Ion:149 Resp: 855752
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 31.702 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:276 Resp: 432605
Ion Ratio Lower Upper
276 100
138 33.7 25.0 37.6
277 24.8 20.1 30.1

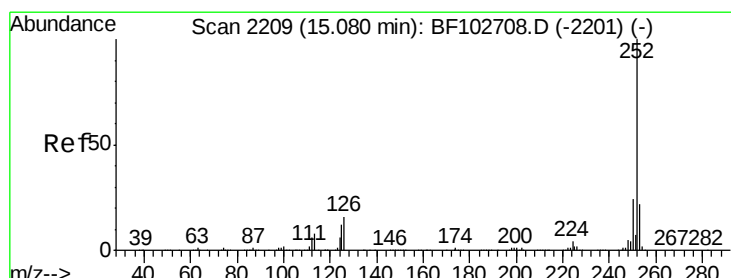
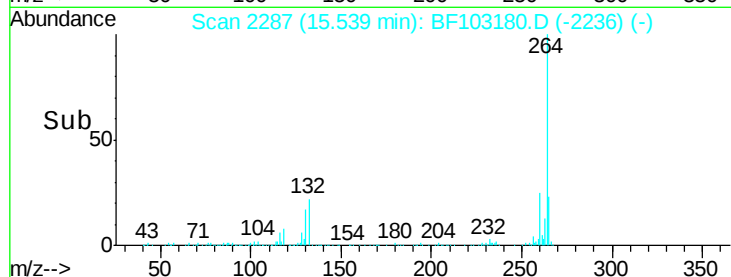
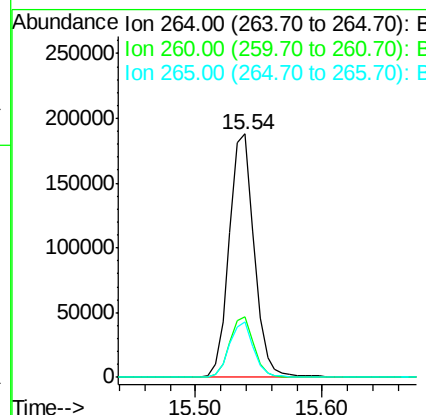
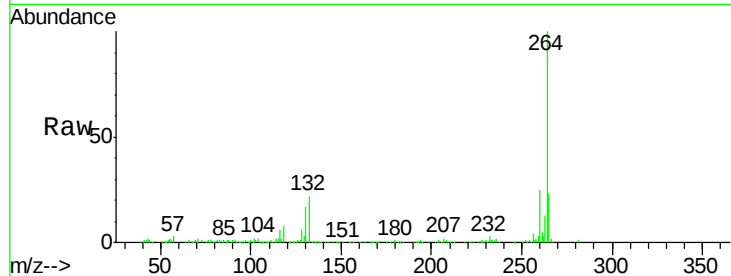




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

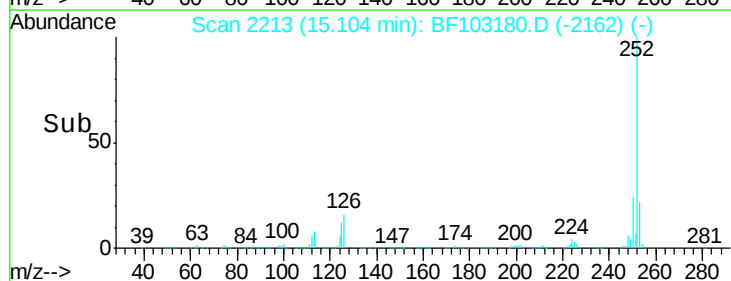
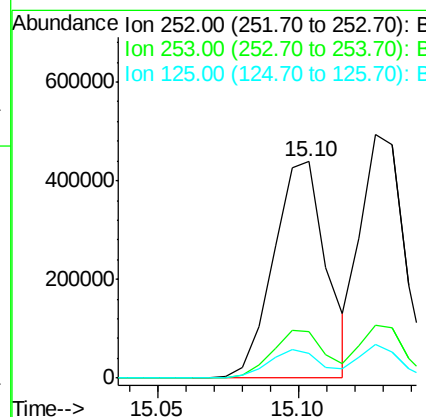
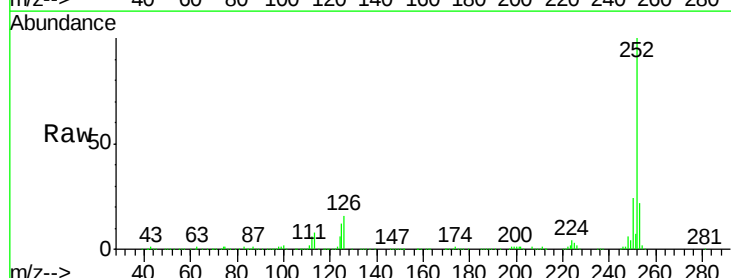
Instrument :
BNA_F
ClientSampleId :
PB106745BS

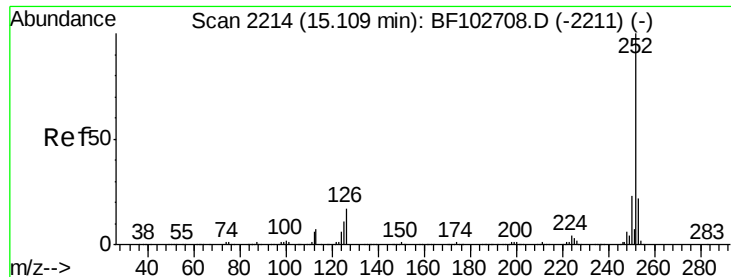
Tot Ion:264 Resp: 256760
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 22.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 33.885 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:252 Resp: 572031
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.6 9.0 13.6

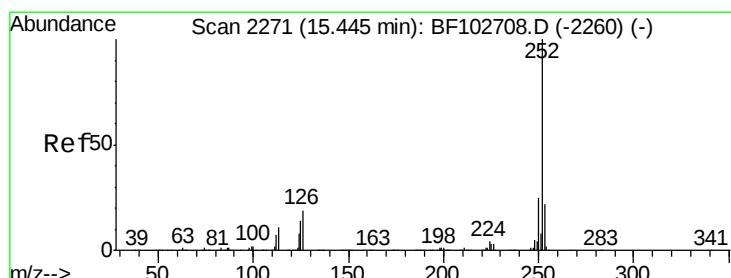
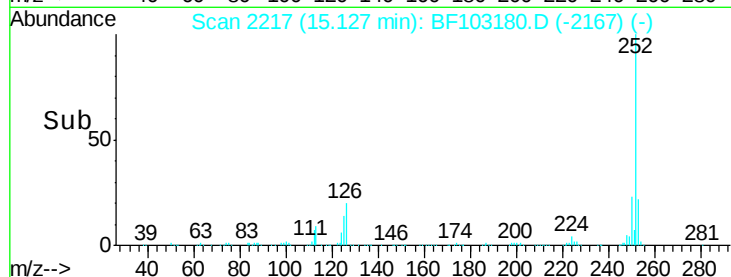
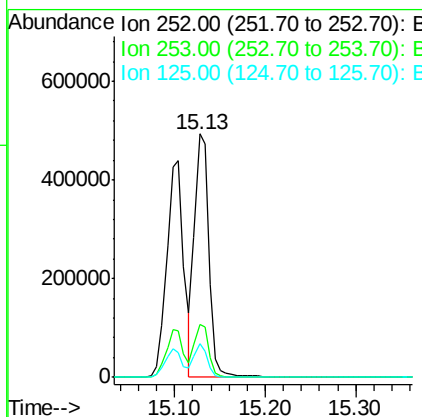
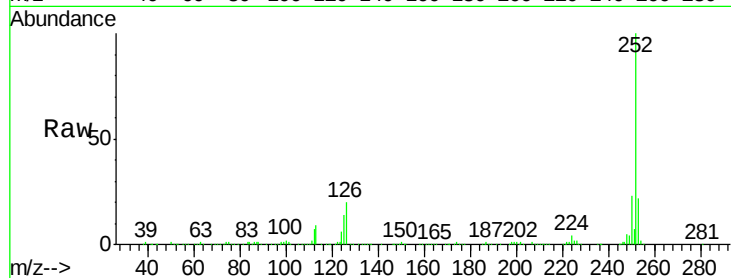




#88
Benzo(k)fluoranthene
Concen: 33.808 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

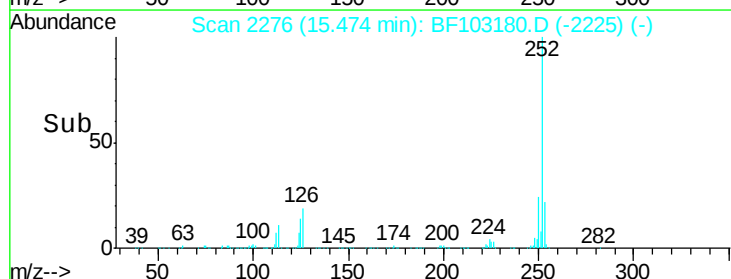
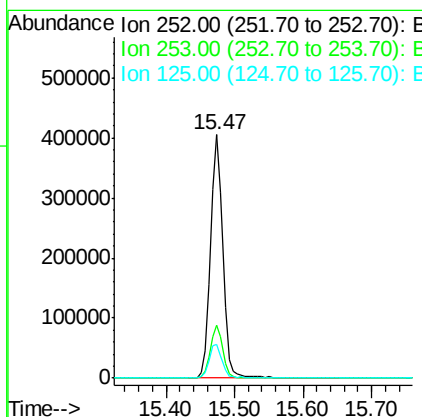
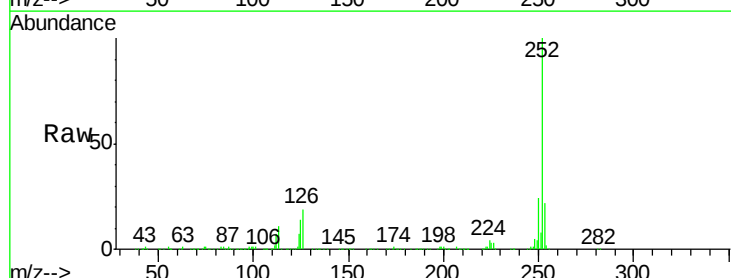
Instrument :
BNA_F
ClientSampleId :
PB106745BS

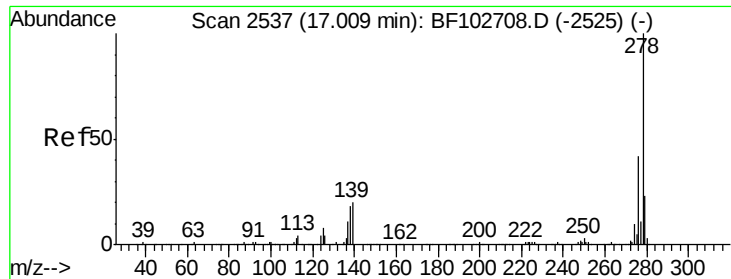
Tot Ion:252 Resp: 537439
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 33.805 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF103180.D
Acq: 22 Feb 2018 23:13

Tgt Ion:252 Resp: 509628
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 32.414 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

Instrument :

BNA_F

ClientSampleId :

PB106745BS

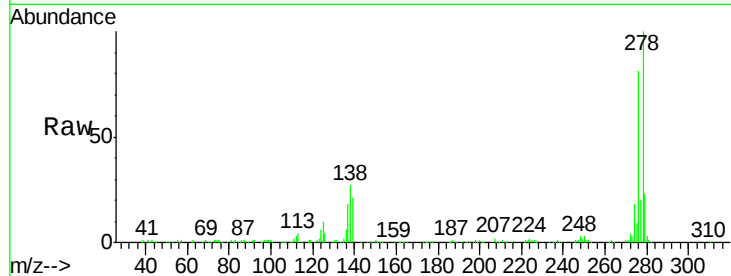
Tot Ion:278 Resp: 377595

Ion Ratio Lower Upper

278 100

139 20.9 15.9 23.9

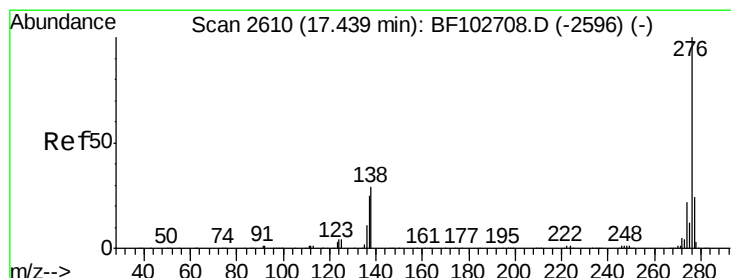
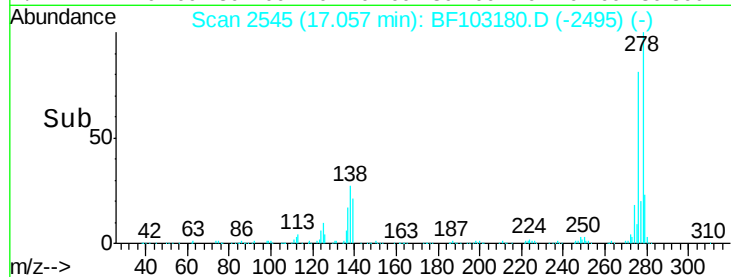
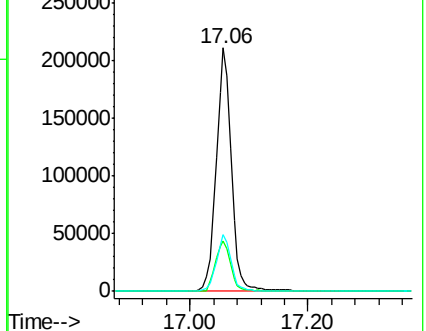
279 23.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 30.444 ng

RT: 17.50 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF103180.D

Acq: 22 Feb 2018 23:13

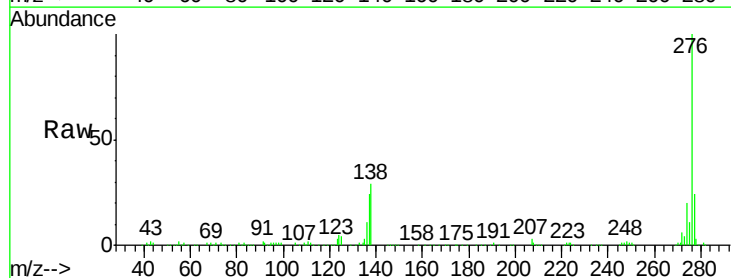
Tgt Ion:276 Resp: 346601

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 28.9 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

