

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103190.D
 Acq On : 23 Feb 2018 11:06
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL-S-1ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 11:49:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171432	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	759387	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	353698	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	627738	20.00	ng	0.00
75) Chrysene-d12	14.04	240	473909	20.00	ng	0.00
86) Perylene-d12	15.54	264	462119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1286019	113.46	ng	0.00
7) Phenol-d6	6.50	99	1594640	114.97	ng	0.00
23) Nitrobenzene-d5	7.44	82	1148408	86.36	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	361094	120.61	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1751985	85.41	ng	0.00
78) Terphenyl-d14	12.99	244	1440734	73.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	5958	0.995	ng	# 89
3) Pyridine	3.45	79	112	0.007	ng	# 9
4) n-Nitrosodimethylamine	3.49	42	958	0.149	ng	# 53
6) Aniline	6.54	93	20262	1.012	ng	94
8) 2-Chlorophenol	6.66	128	13298	1.129	ng	90
9) Benzaldehyde	6.43	77	7318	0.164	ng	91
10) Phenol	6.52	94	18242	1.133	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	14719	1.204	ng	88
12) 1,3-Dichlorobenzene	6.81	146	15558	1.156	ng	94
13) 1,4-Dichlorobenzene	6.89	146	15199	1.127	ng	97
14) 1,2-Dichlorobenzene	6.89	146	15199	1.222	ng	97
15) Benzyl Alcohol	7.03	79	27103	2.593	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	7.14	45	23437	1.117	ng	96
17) 2-Methylphenol	7.12	107	11448	1.070	ng	# 92
18) Hexachloroethane	7.38	117	5669	1.154	ng	89
19) n-Nitroso-di-n-propylamine	7.27	70	10727	1.243	ng	95
20) 3+4-Methylphenols	7.29	107	15643	1.199	ng	# 87
22) Acetophenone	7.27	105	21186	1.195	ng	# 94
24) Nitrobenzene	7.45	77	18974	1.296	ng	96
25) Isophorone	7.44	82	1148395	43.850	ng	# 64
26) 2-Nitrophenol	7.77	139	5542	0.804	ng	92
27) 2,4-Dimethylphenol	7.81	122	9775	0.928	ng	92
28) bis(2-Chloroethoxy)methane	7.90	93	16415	1.066	ng	99
29) 2,4-Dichlorophenol	8.03	162	9357	0.928	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	11324	1.054	ng	98
31) Naphthalene	8.17	128	42965	1.156	ng	97
32) Benzoic acid	7.92	122	1578	7.087	ng	# 45
33) 4-Chloroaniline	8.23	127	14943	0.931	ng	96
34) Hexachlorobutadiene	8.29	225	6269	1.121	ng	90
35) Caprolactam	8.56	113	2782	0.785	ng	# 80
36) 4-Chloro-3-methylphenol	8.71	107	11613	1.021	ng	93
37) 2-Methylnaphthalene	8.87	142	27943	1.163	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	10664	1.103	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	6006	0.923	ng	98

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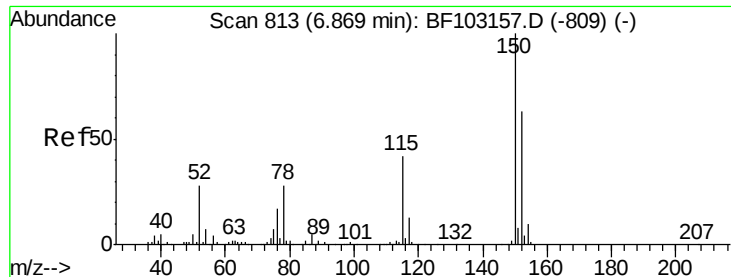
Instrument :
 BNA_F
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 Response via : Initial Calibration

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

43) 2,4,5-Trichlorophenol	9.20	196	7087	0.947	nq	# 89
45) 1,1'-Biphenyl	9.33	154	39663	1.338	nq	99
46) 2-Chloronaphthalene	9.36	162	26312	1.122	nq	97
47) 2-Nitroaniline	9.46	65	8235	0.948	nq	# 72
48) Acenaphthylene	9.77	152	40946	1.135	nq	98
49) Dimethylphthalate	9.62	163	31629	1.115	nq	99
50) 2,6-Dinitrotoluene	9.69	165	5463	0.917	nq	# 82
51) Acenaphthene	9.94	154	24503	1.165	nq	95
52) 3-Nitroaniline	9.87	138	6434	0.852	nq	# 86
54) Dibenzofuran	10.12	168	35807	1.240	nq	99
55) 4-Nitrophenol	10.07	139	1027	0.219	nq	90
56) 2,4-Dinitrotoluene	10.10	165	6558	0.871	nq	# 84
57) Fluorene	10.46	166	28461	1.157	nq	# 99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	4716	0.938	nq	# 96
59) Diethylphthalate	10.32	149	31730	1.169	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	12140	1.164	nq	94
61) 4-Nitroaniline	10.48	138	5690	0.754	nq	96
62) Azobenzene	10.61	77	31549	1.142	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	802	5.134	nq	# 46
65) n-Nitrosodiphenylamine	10.56	169	24548	1.123	nq	97
66) 4-Bromophenyl-phenylether	10.94	248	6727	1.029	nq	93
67) Hexachlorobenzene	11.01	284	7367	1.038	nq	94
68) Atrazine	11.09	200	6542	0.996	nq	95
69) Pentachlorophenol	11.22	266	1046	0.305	nq	# 83
70) Phenanthrene	11.42	178	41660	1.206	nq	97
71) Anthracene	11.47	178	40693	1.149	nq	98
72) Carbazole	11.64	167	37336	1.058	nq	100
73) Di-n-butylphthalate	11.95	149	49239	1.115	nq	96
74) Fluoranthene	12.62	202	38492	1.109	nq	97
76) Benzidine	12.74	184	9231	0.521	nq	# 96
77) Pyrene	12.84	202	42166	1.141	nq	97
79) Butylbenzylphthalate	13.45	149	18438	0.944	nq	92
80) Benzo(a)anthracene	14.03	228	32809	1.067	nq	97
81) 3,3'-Dichlorobenzidine	14.00	252	10258	0.935	nq	# 97
82) Chrysene	14.07	228	33040	1.107	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	28138	1.068	nq	# 97
84) Di-n-octyl phthalate	14.63	149	47832	1.124	nq	96
85) Indeno(1,2,3-cd)pyrene	17.06	276	27163	1.149	nq	96
87) Benzo(b)fluoranthene	15.13	252	29834	0.982	nq	97
88) Benzo(k)fluoranthene	15.13	252	29834	1.043	nq	99
89) Benzo(a)pyrene	15.47	252	27247	1.004	nq	# 96
90) Dibenzo(a,h)anthracene	17.06	278	21600	1.030	nq	# 89
91) Benzo(g,h,i)perylene	17.52	276	21432	1.046	nq	96

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

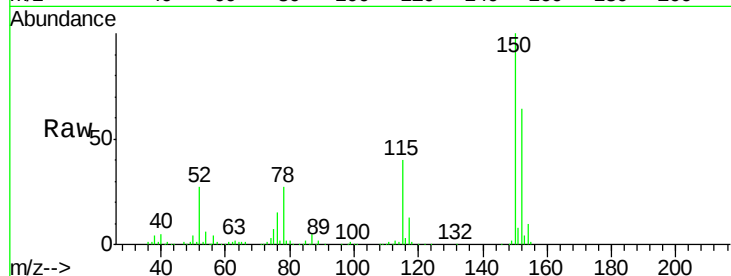


#1

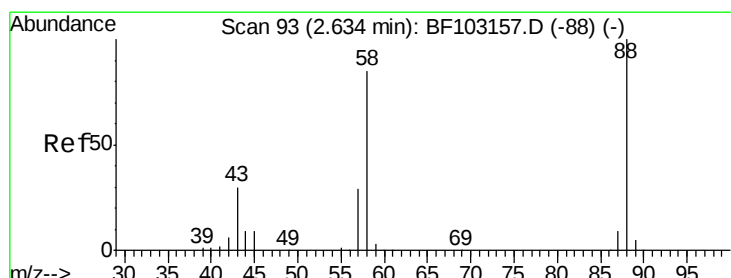
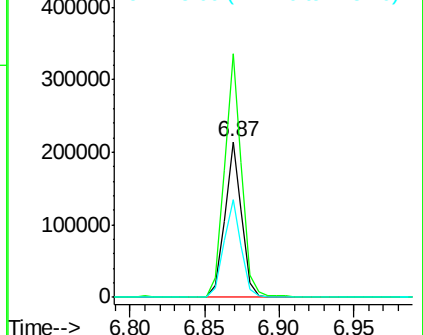
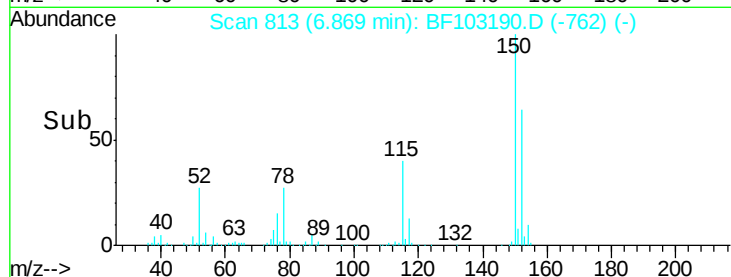
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171432
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 62.6 50.1 75.1



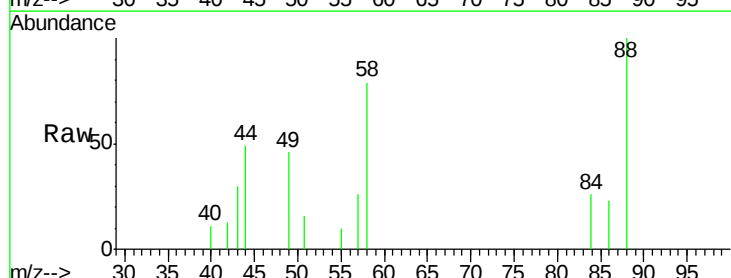
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



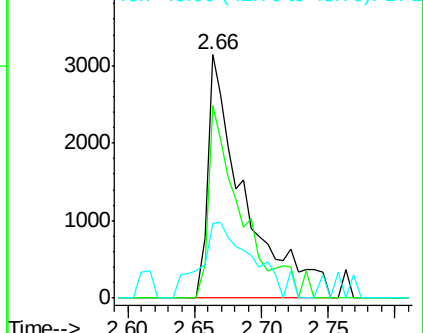
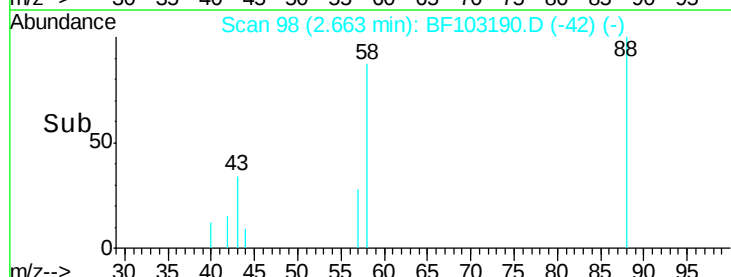
#2

1,4-Dioxane
Concen: 0.995 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion: 88 Resp: 5958
Ion Ratio Lower Upper
88 100
58 72.1 62.6 93.8
43 42.3 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 0.007 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.04 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

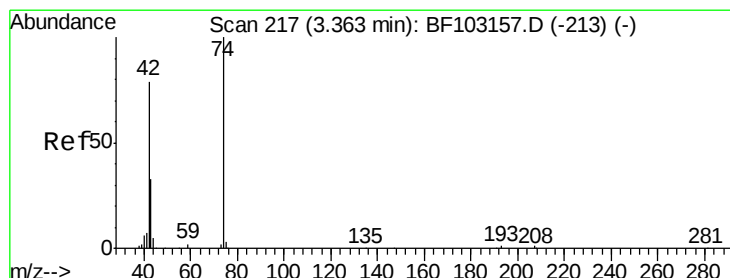
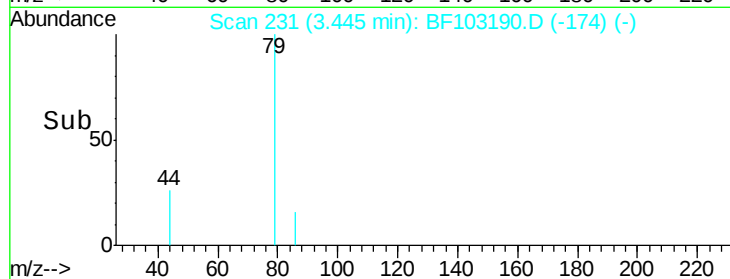
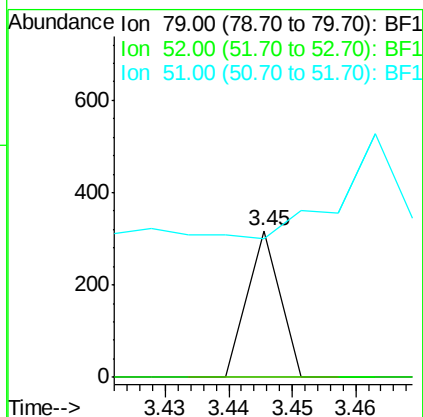
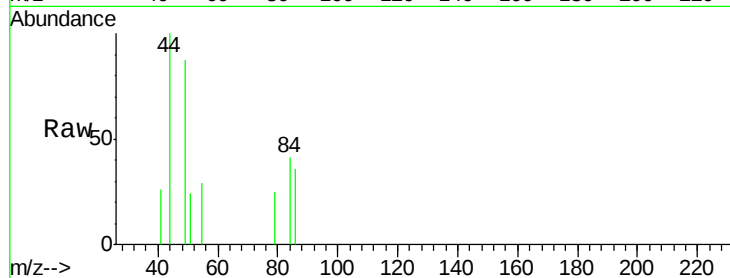
Tot Ion: 79 Resp: 112

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 94.6 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.149 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.13 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

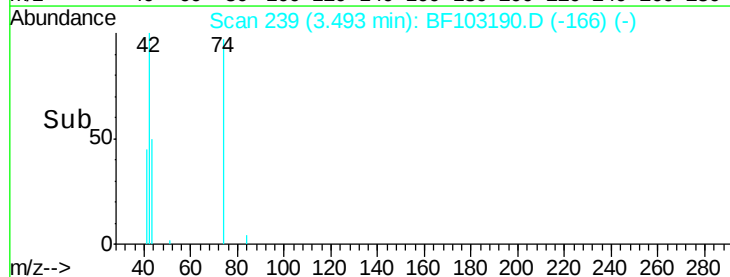
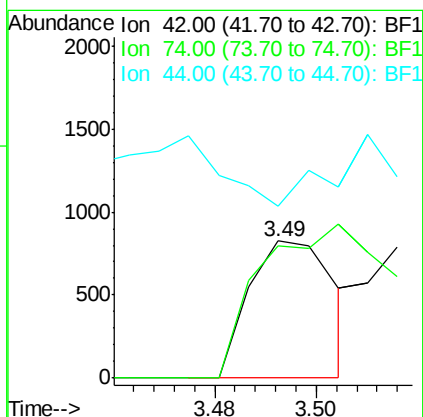
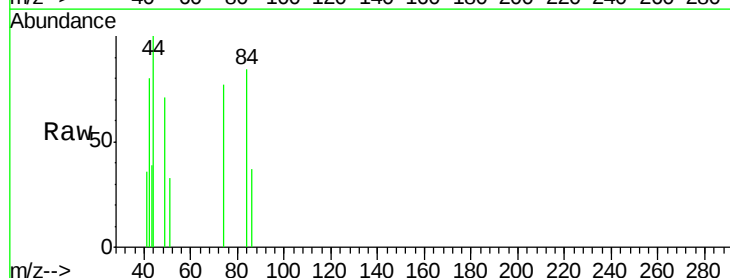
Tgt Ion: 42 Resp: 958

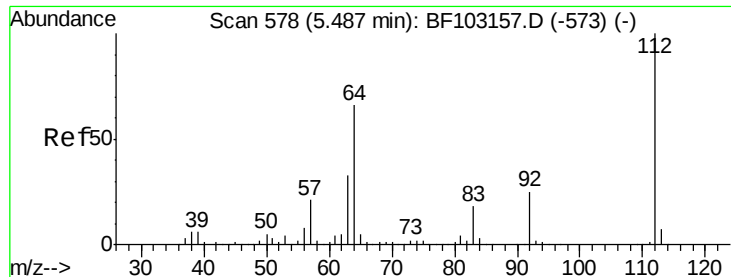
Ion Ratio Lower Upper

42 100

74 97.0 104.9 157.3#

44 125.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 113.457 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

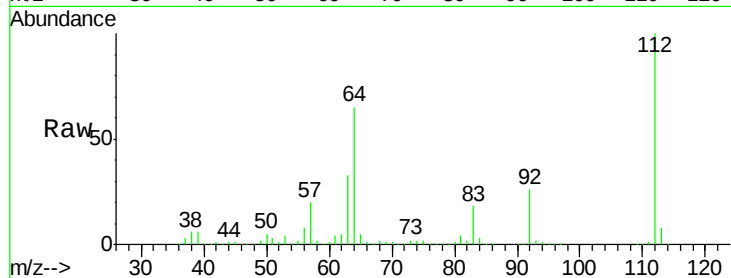
Tot Ion:112 Resp: 1286019

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

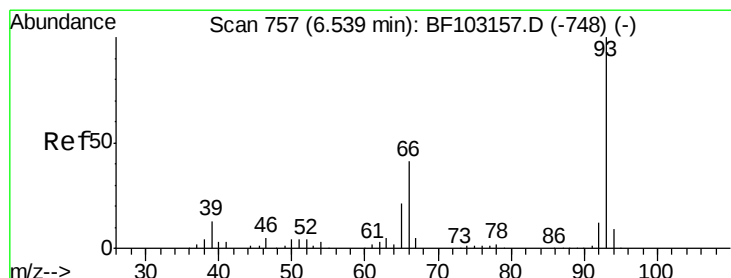
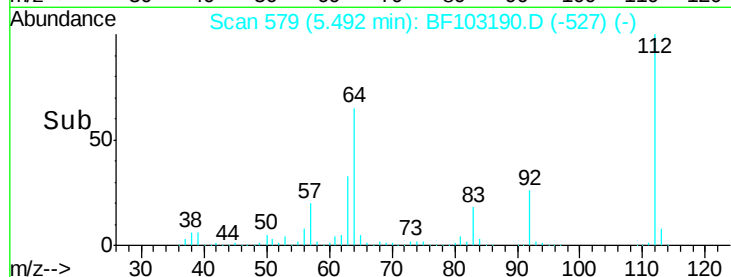
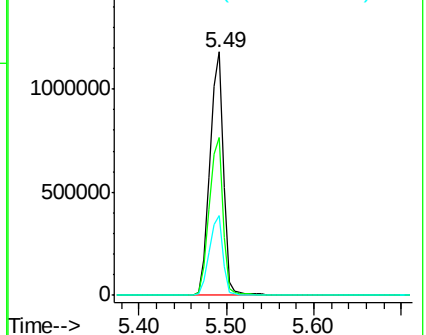
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.012 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

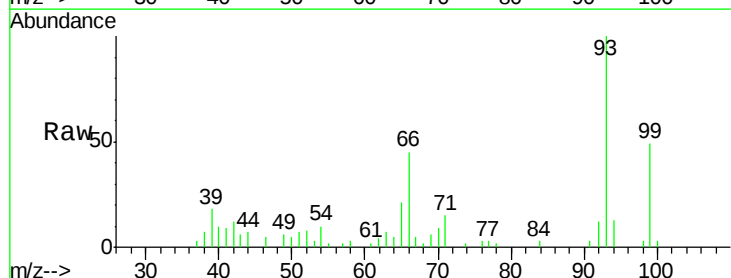
Tgt Ion: 93 Resp: 20262

Ion Ratio Lower Upper

93 100

66 45.5 32.2 48.2

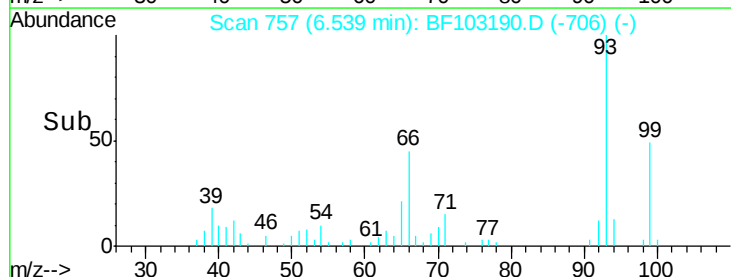
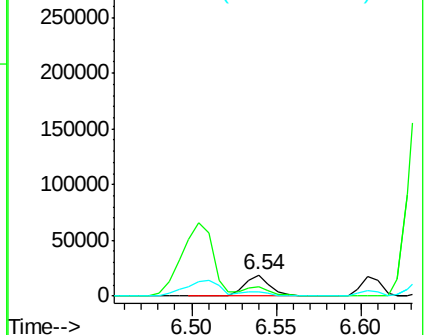
65 20.6 16.4 24.6

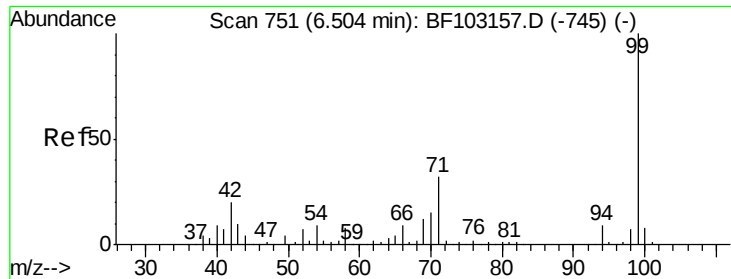


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.971 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

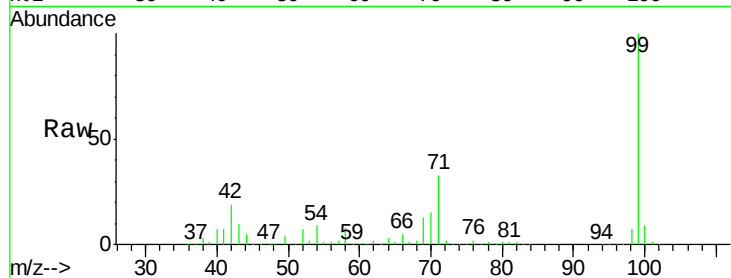
Tot Ion: 99 Resp: 1594640

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.3	25.4	38.0

99 100

42 19.2 14.5 21.7

71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

1500000

1000000

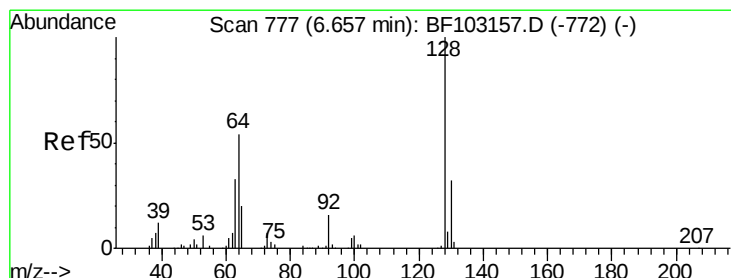
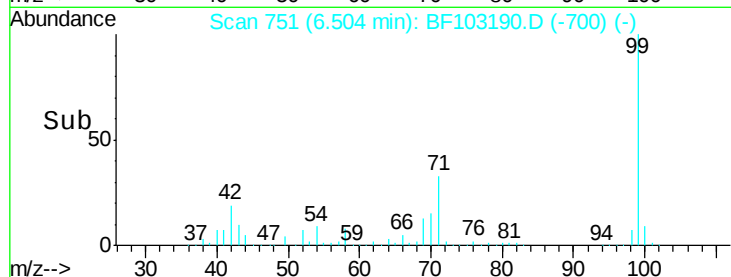
500000

0

6.50

6.40 6.50 6.60

Time-->



#8

2-Chlorophenol

Concen: 1.129 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

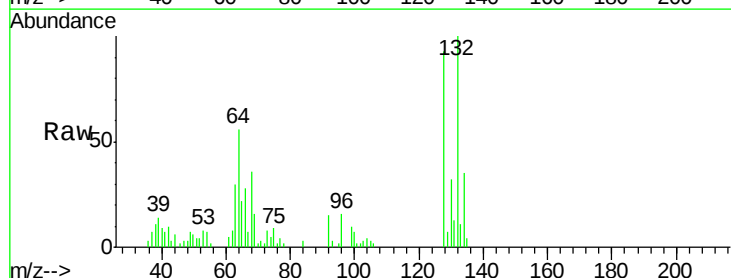
Tgt Ion:128 Resp: 13298

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.0	53.0
64	60.5	29.4	69.4

128 100

130 33.9 13.0 53.0

64 60.5 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

80000

60000

40000

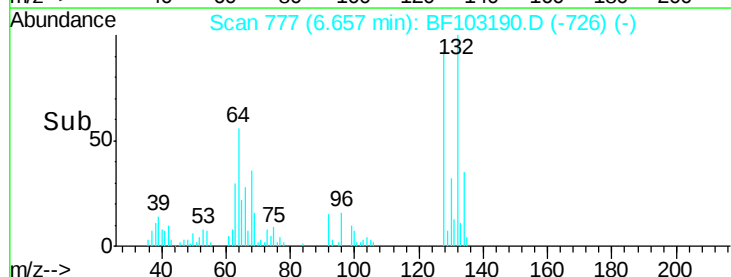
20000

0

6.66

6.60 6.65 6.70

Time-->





#9

Benzaldehyde

Concen: 0.164 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

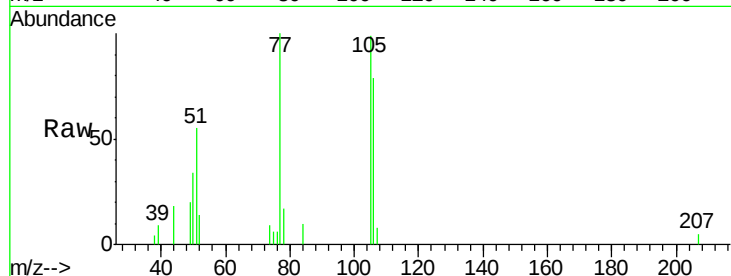
Tot Ion: 77 Resp: 7318

Ion Ratio Lower Upper

77 100

105 99.0 81.1 121.1

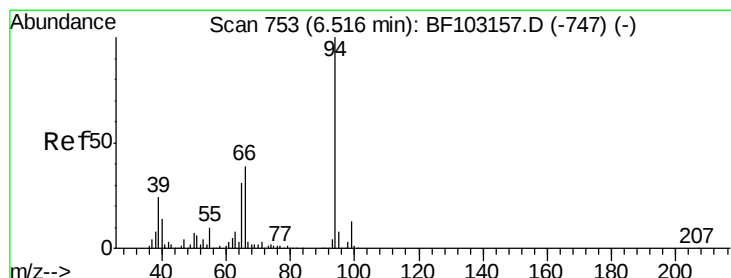
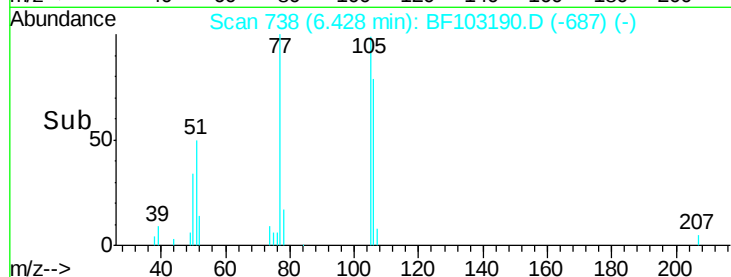
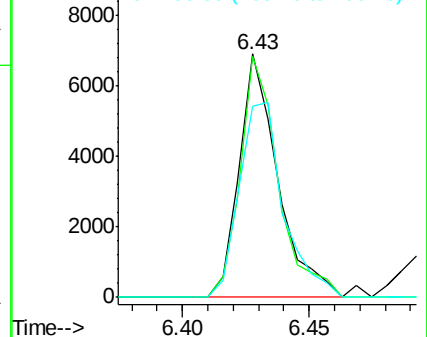
106 78.6 74.5 114.5



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: 1.133 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

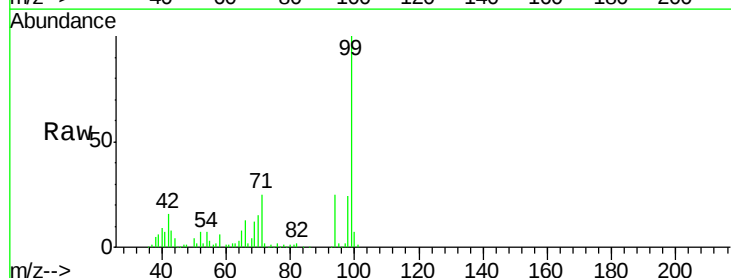
Tgt Ion: 94 Resp: 18242

Ion Ratio Lower Upper

94 100

65 34.1 7.9 47.9

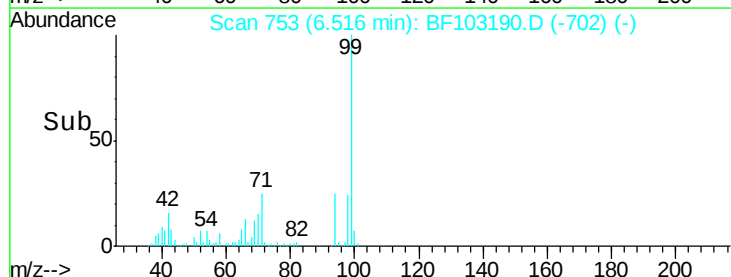
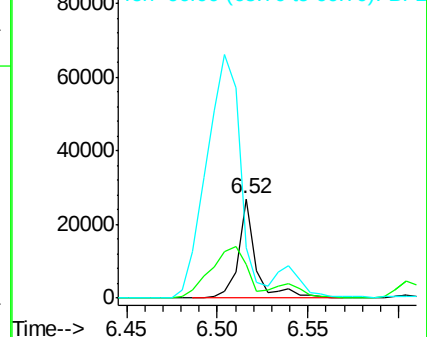
66 50.8 16.2 56.2

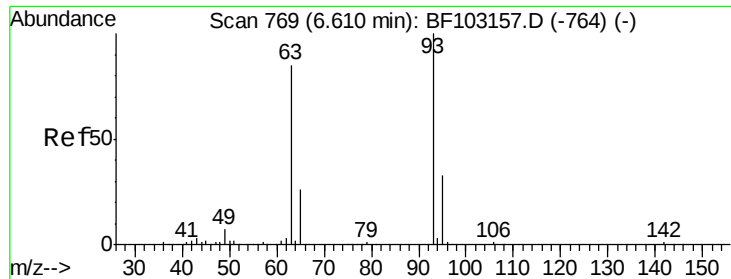


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 1.204 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

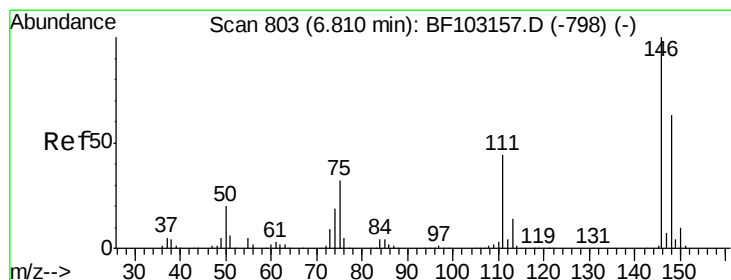
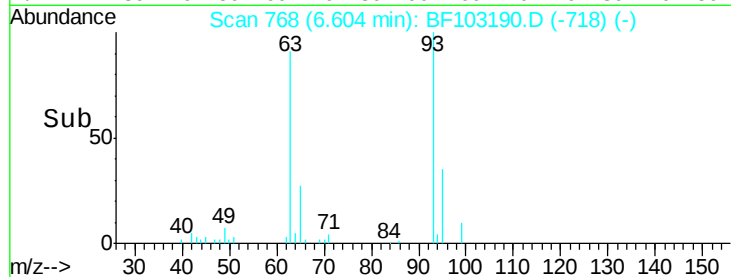
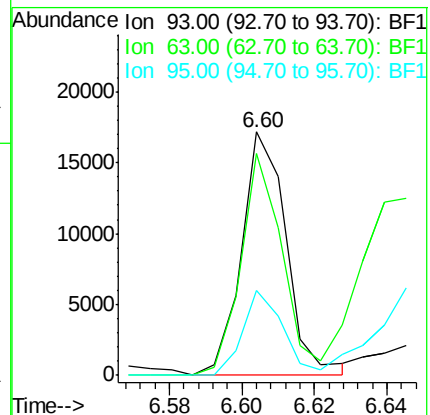
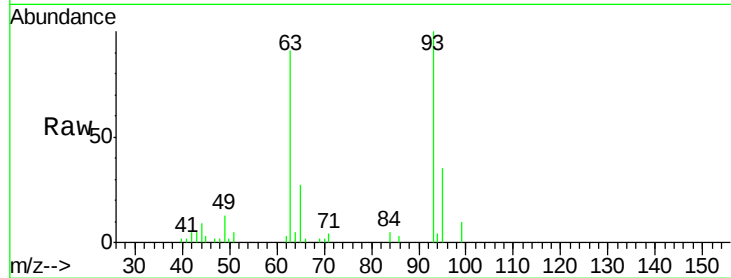
Tot Ion: 93 Resp: 14719

Ion Ratio Lower Upper

93 100

63 91.0 58.6 98.6

95 34.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 1.156 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

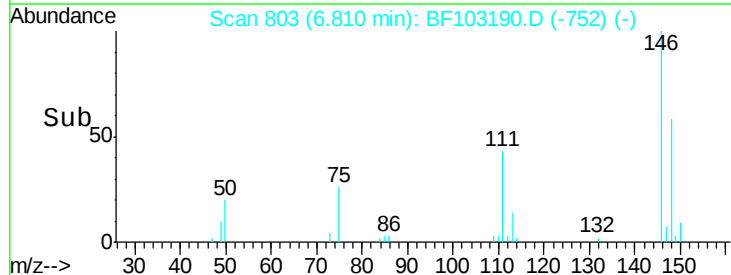
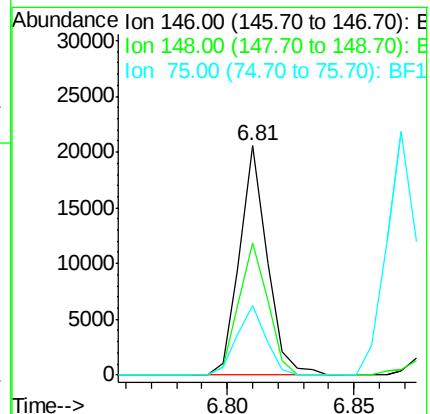
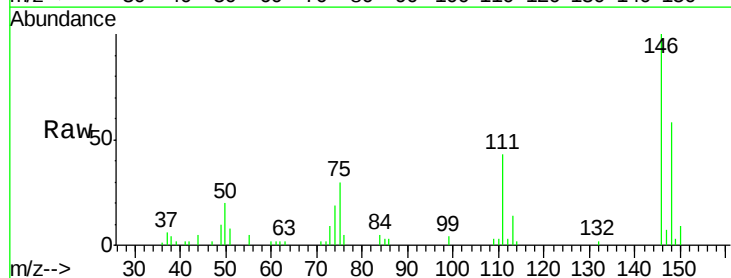
Tgt Ion: 146 Resp: 15558

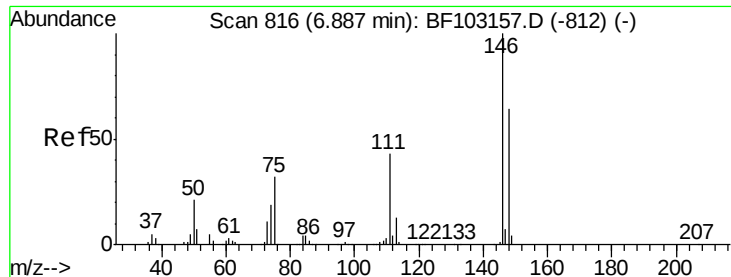
Ion Ratio Lower Upper

146 100

148 57.6 51.8 77.8

75 30.3 24.2 36.4

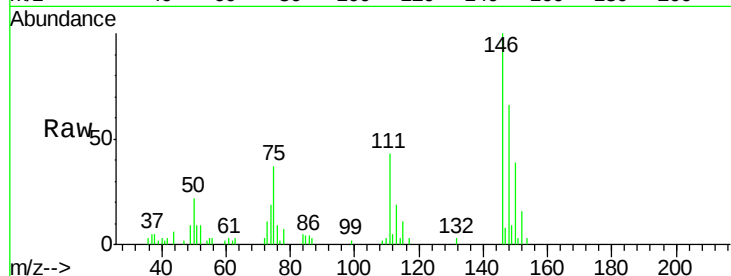




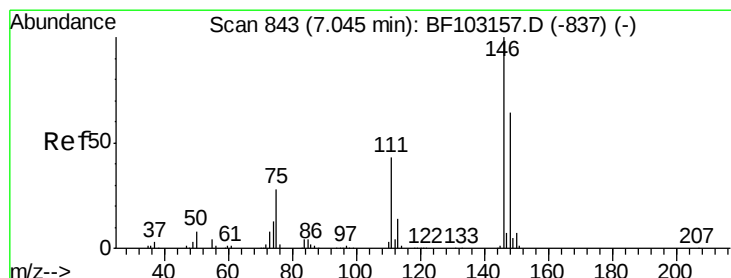
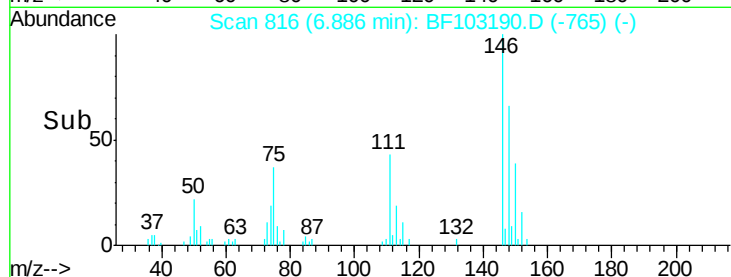
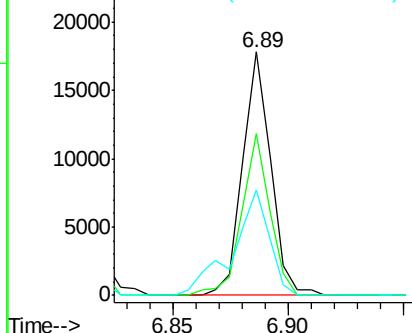
#13
1,4-Dichlorobenzene
Concen: 1.127 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 15199
Ion Ratio Lower Upper
146 100
148 66.3 50.8 76.2
111 43.4 34.2 51.2

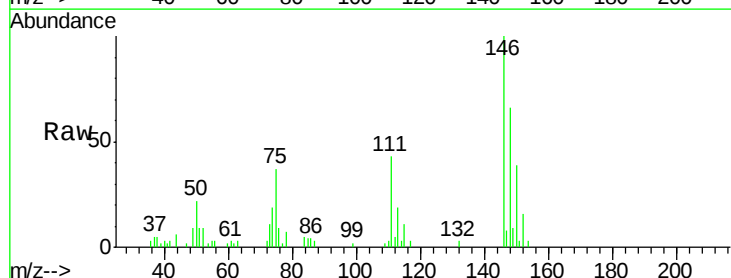


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

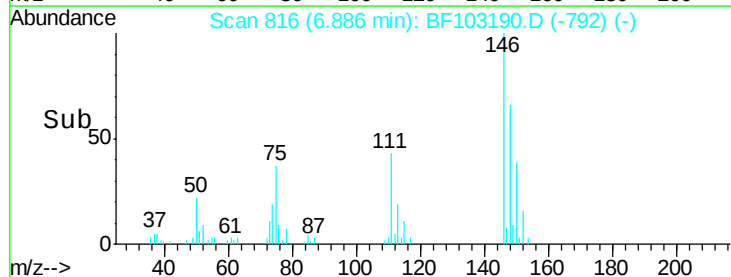
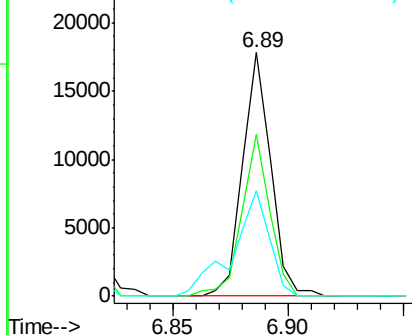


#14
1,2-Dichlorobenzene
Concen: 1.222 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.16 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:146 Resp: 15199
Ion Ratio Lower Upper
146 100
148 66.3 50.6 75.8
111 43.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.593 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

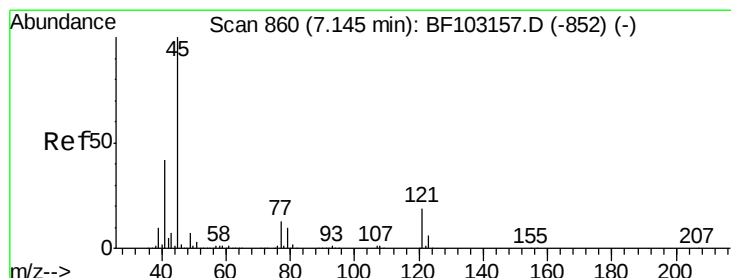
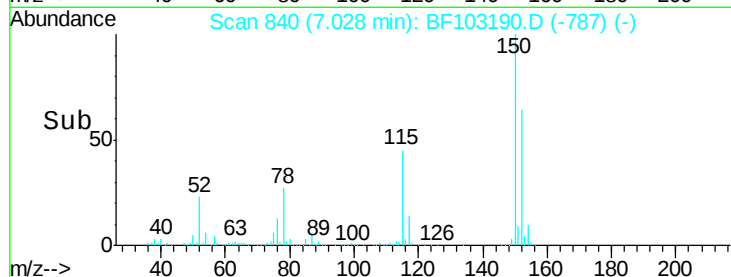
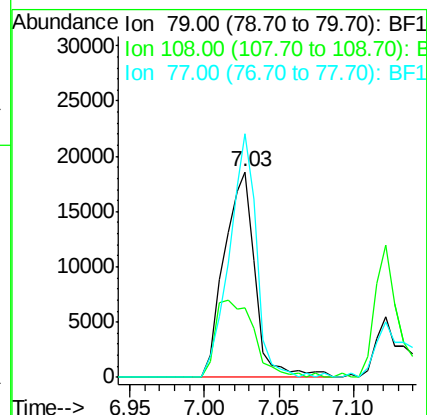
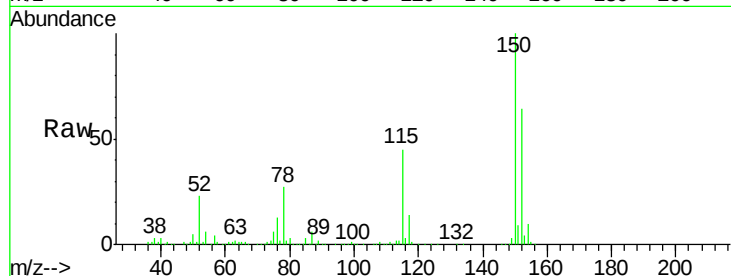
Tot Ion: 79 Resp: 27103

Ion Ratio Lower Upper

79 100

108 33.6 65.1 97.7#

77 118.6 50.6 75.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.117 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

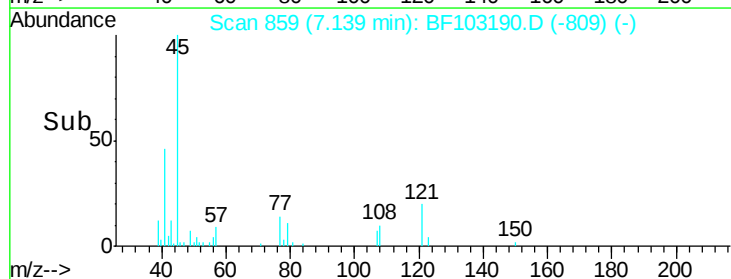
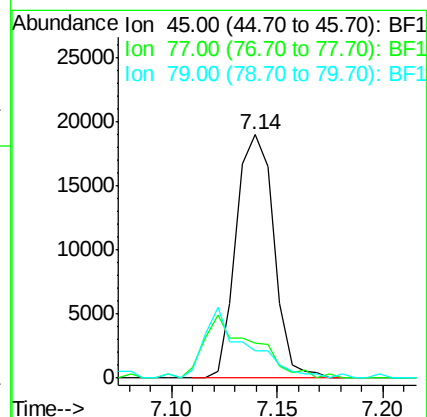
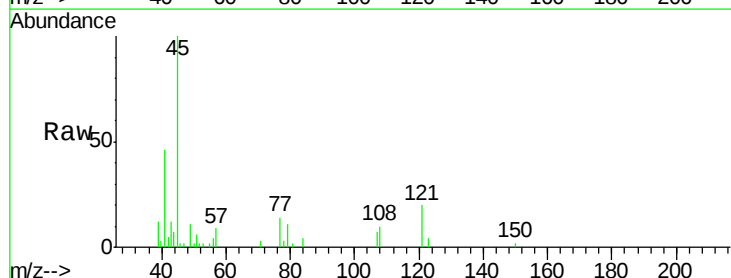
Tgt Ion: 45 Resp: 23437

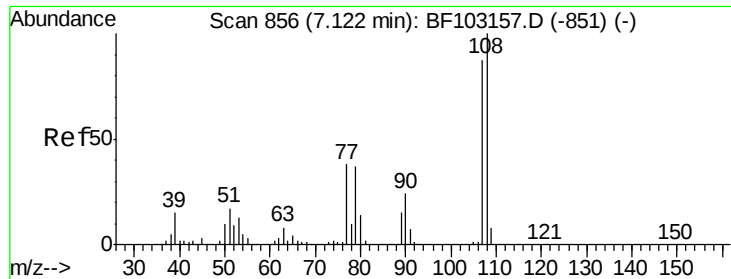
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

79 11.3 0.0 29.6

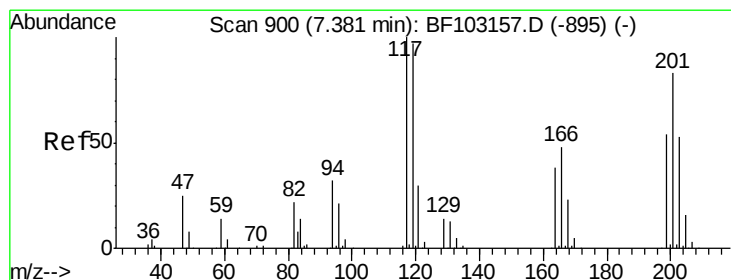
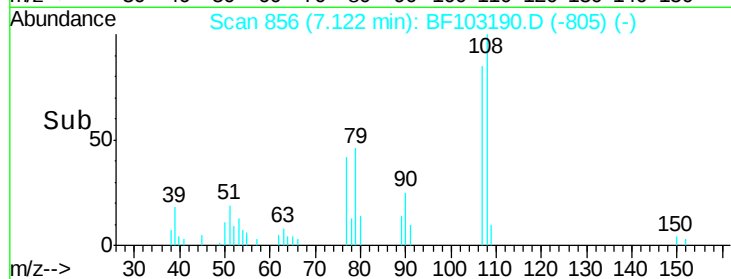
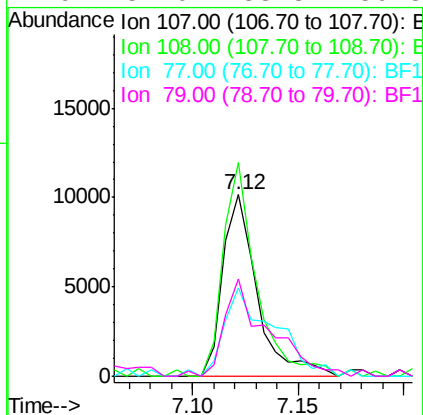
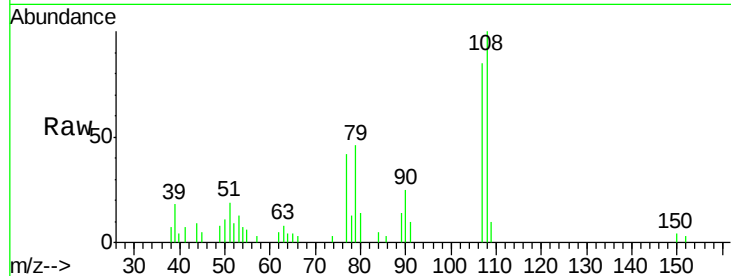




#17
2-Methylphenol
Concen: 1.070 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

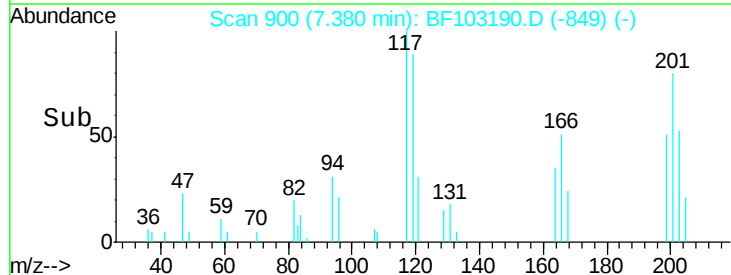
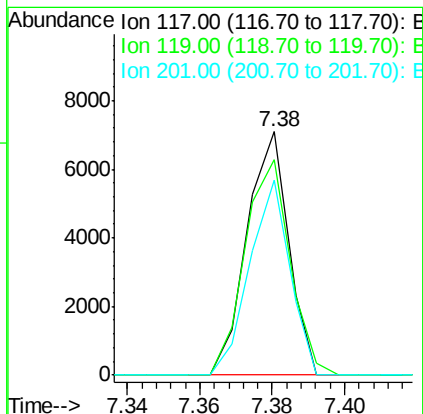
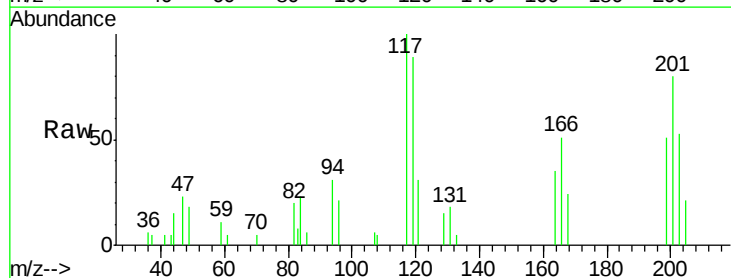
Instrument :
BNA_F
ClientSampleId :

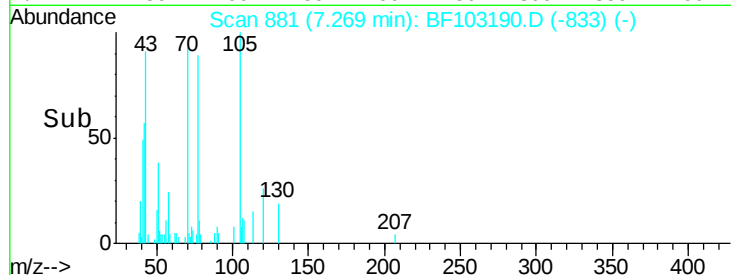
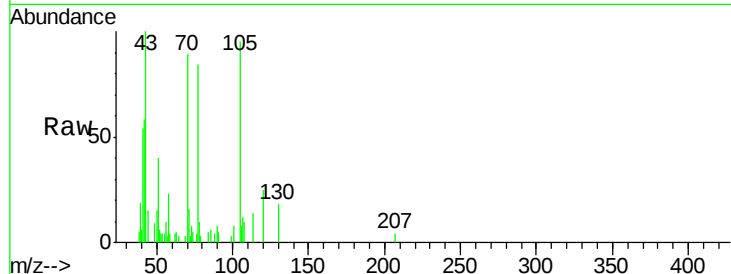
Tot Ion:107 Resp: 11448
Ion Ratio Lower Upper
107 100
108 117.7 91.7 137.5
77 49.0 33.8 50.8
79 54.0 33.8 50.8#



#18
Hexachloroethane
Concen: 1.154 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:117 Resp: 5669
Ion Ratio Lower Upper
117 100
119 88.5 75.8 113.8
201 80.2 75.7 113.5

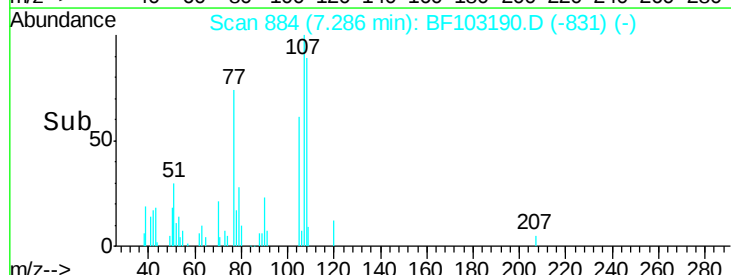
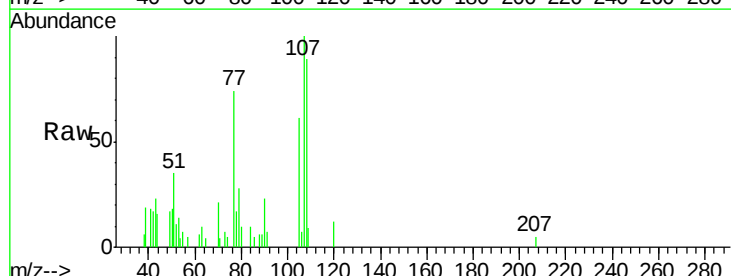
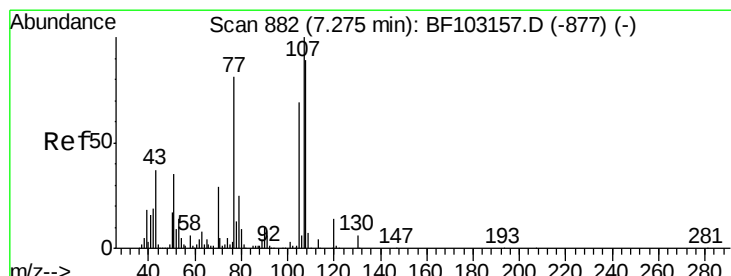
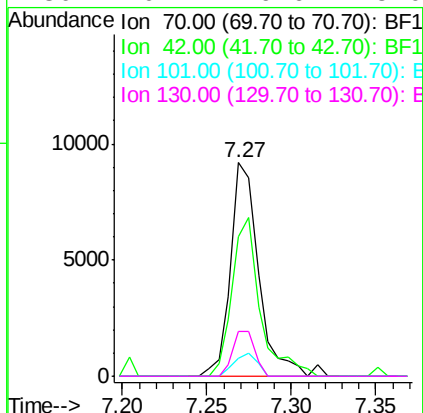




#19
n-Nitroso-di-n-propylamine
Concen: 1.243 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

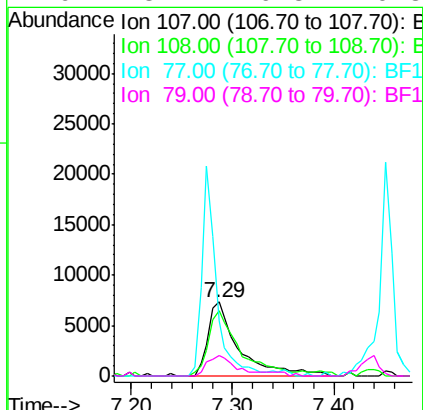
Instrument :
BNA_F
ClientSampleId :

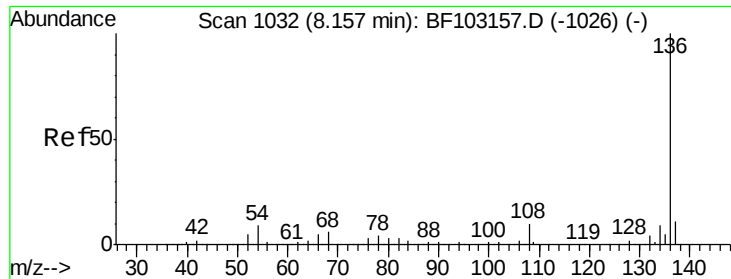
Tot Ion:	70	Resp:	10727
Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	8.5	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 1.199 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:	107	Resp:	15643
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	74.4	26.7	66.7#
79	28.4	6.3	46.3

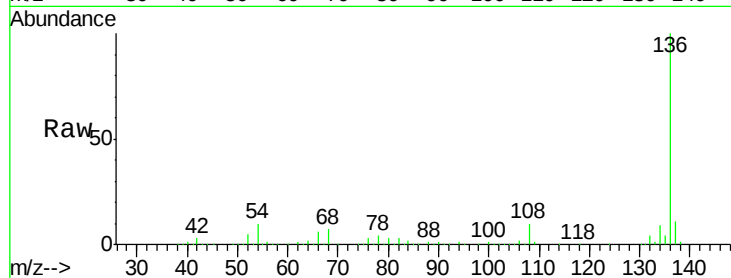




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	759387
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.5	6.6 9.8
68	6.9	5.0 7.4



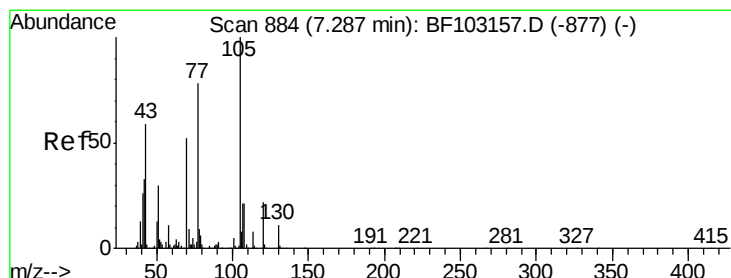
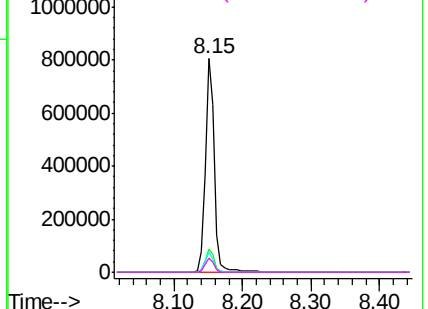
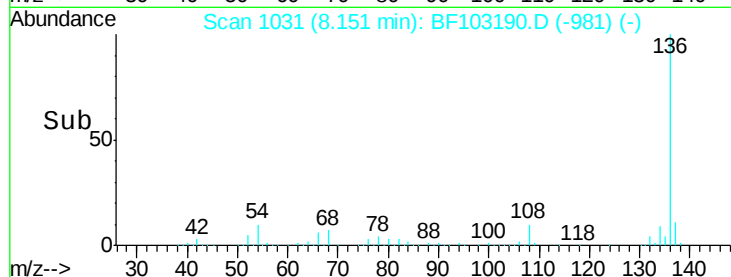
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

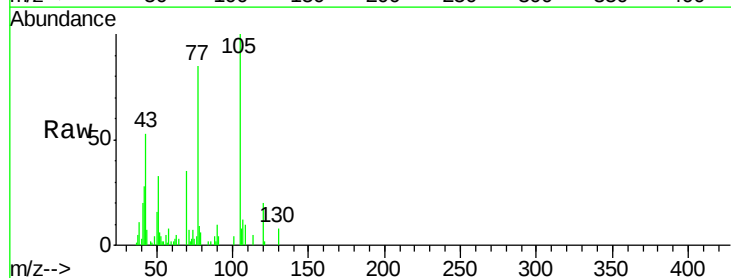
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 1.195 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:105	Resp:	21186
Ion Ratio	Lower	Upper
105	100	
71	7.3	4.4 6.6#
51	33.2	22.3 33.5
120	20.3	16.9 25.3



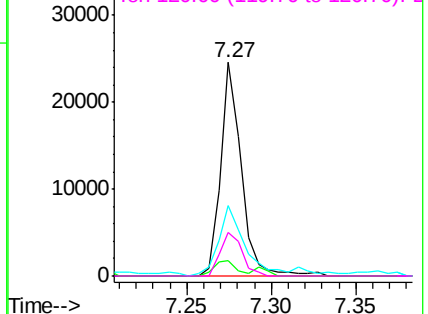
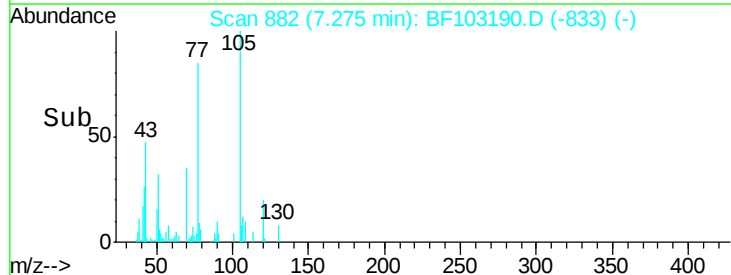
Abundance

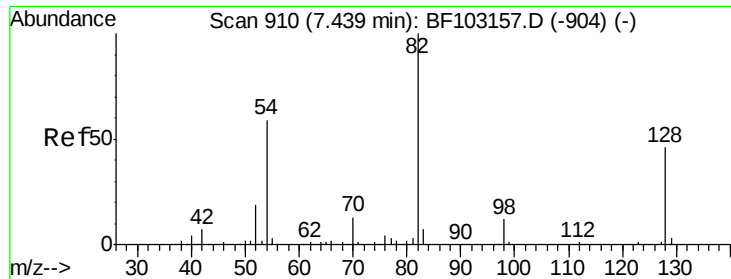
Ion 105.00 (104.70 to 105.70): E

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

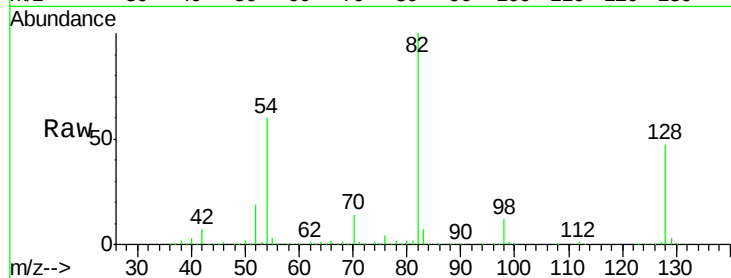




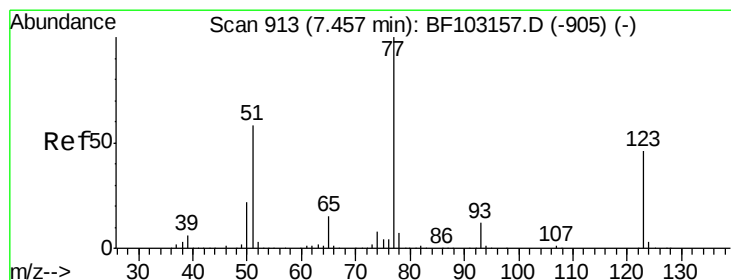
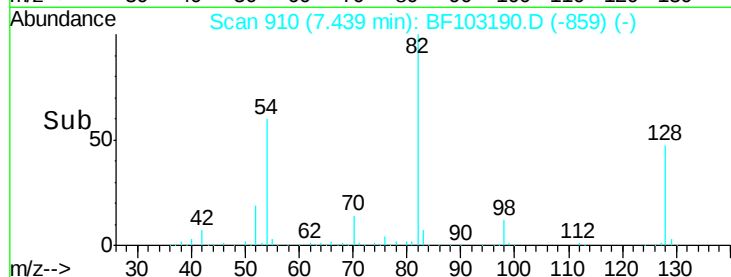
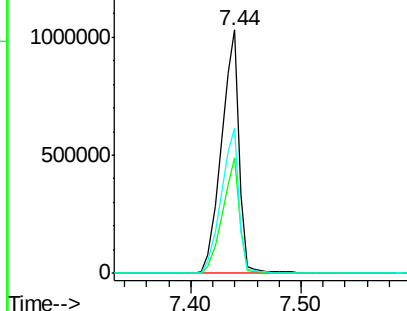
#23
Nitrobenzene-d5
Concen: 86.364 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1148408
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 59.6 41.4 62.2

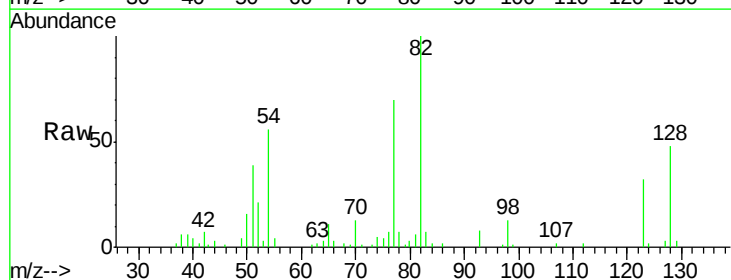


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

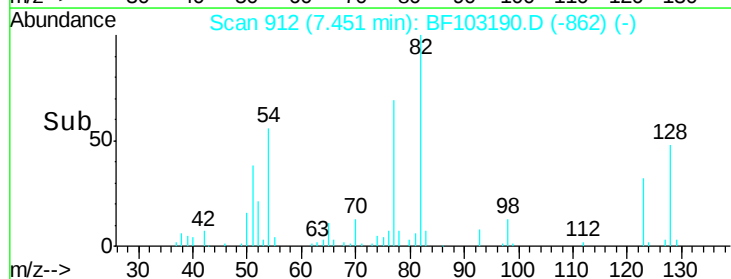
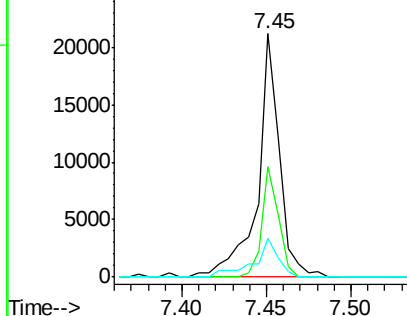


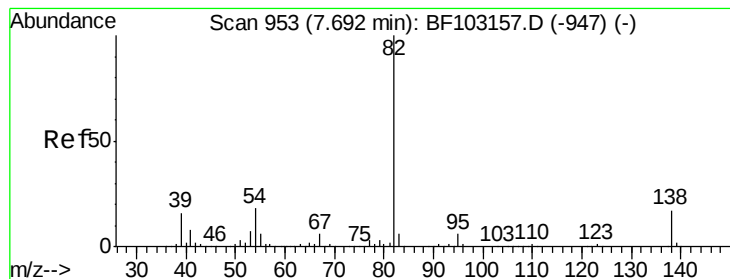
#24
Nitrobenzene
Concen: 1.296 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion: 77 Resp: 18974
Ion Ratio Lower Upper
77 100
123 45.4 37.9 56.9
65 16.1 11.0 16.4



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





#25

Isophorone

Concen: 43.850 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

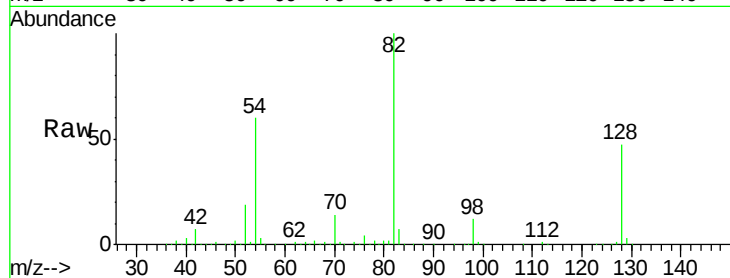
Tot Ion: 82 Resp: 1148395

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

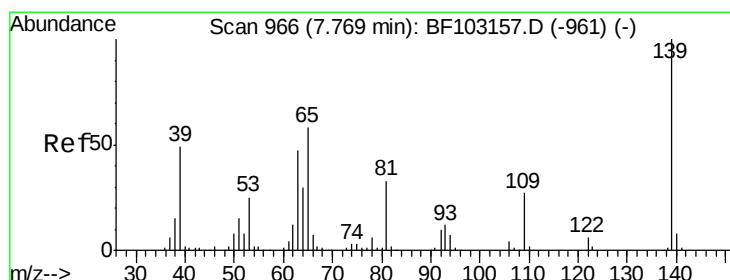
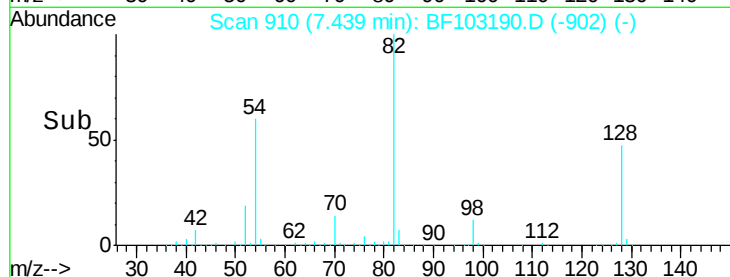
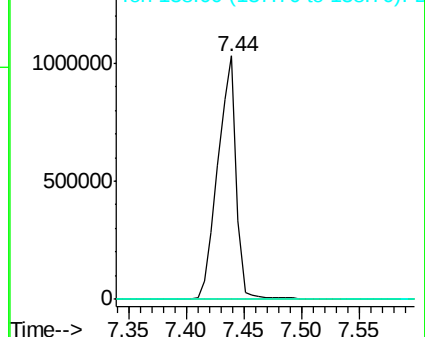
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.804 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

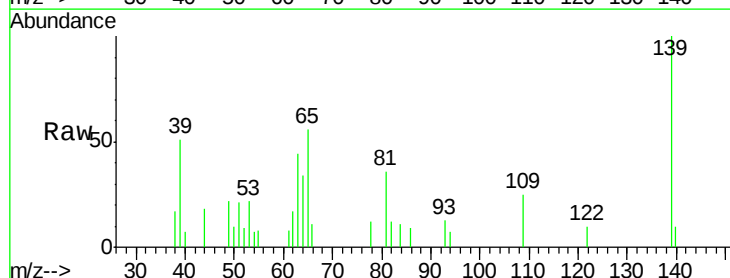
Tgt Ion: 139 Resp: 5542

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

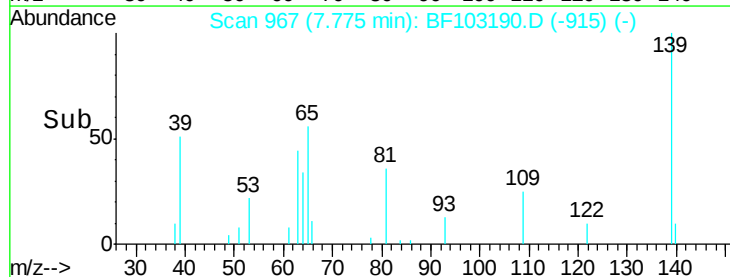
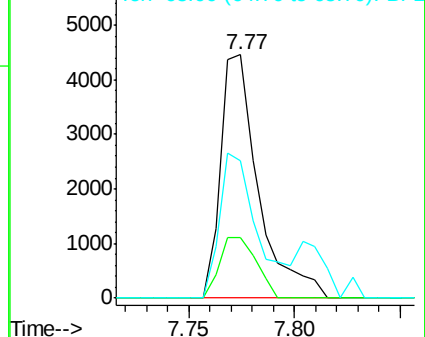
65 56.4 40.5 60.7

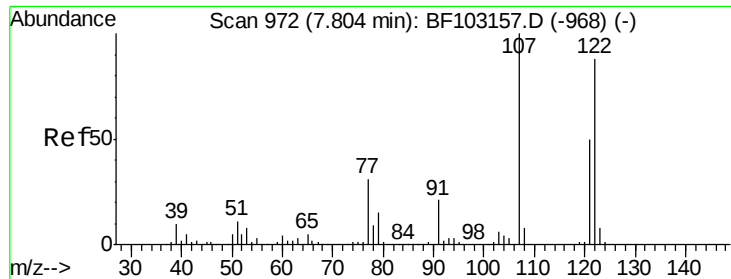


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.928 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

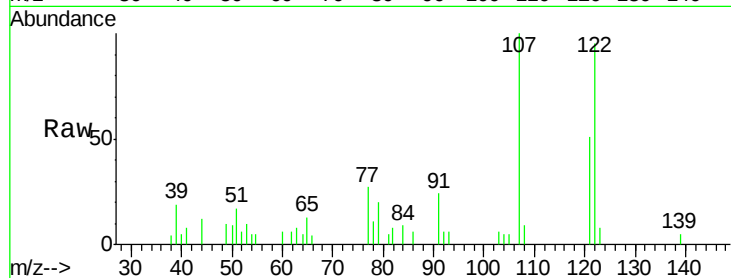
Tot Ion:122 Resp: 9775

Ion Ratio Lower Upper

122 100

107 104.8 91.2 136.8

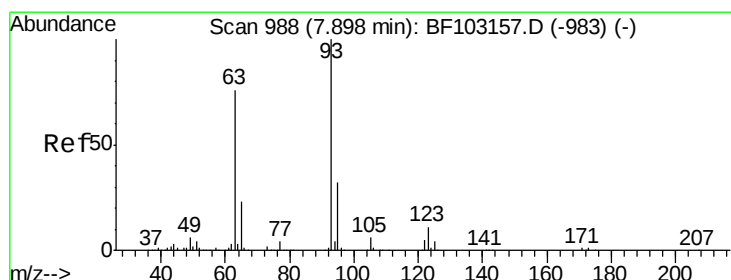
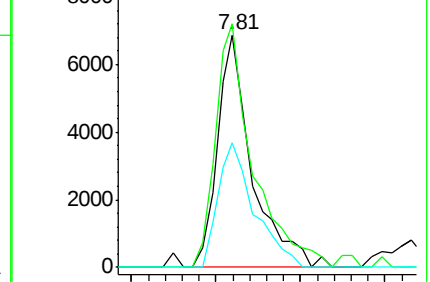
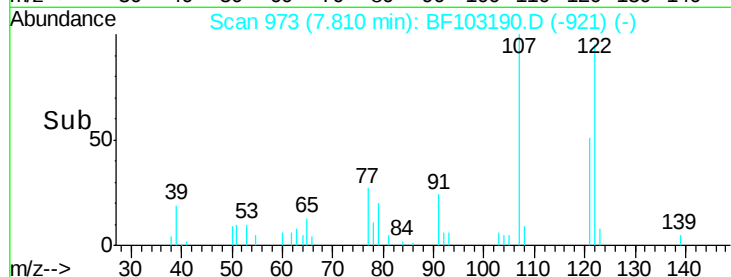
121 53.4 47.2 70.8



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: 1.066 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

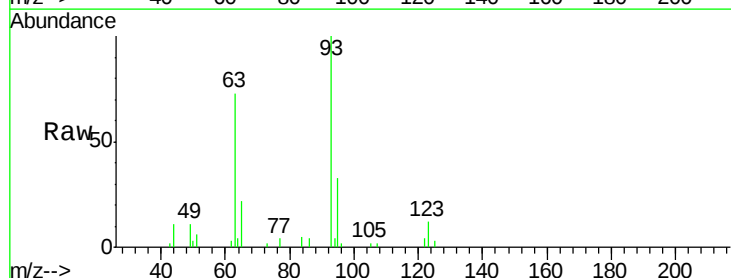
Tgt Ion: 93 Resp: 16415

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

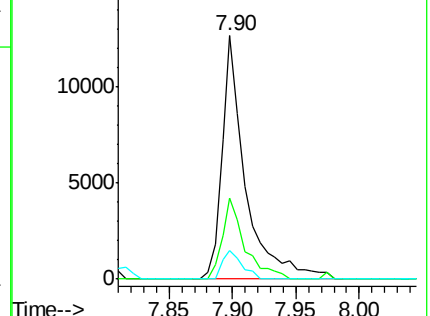
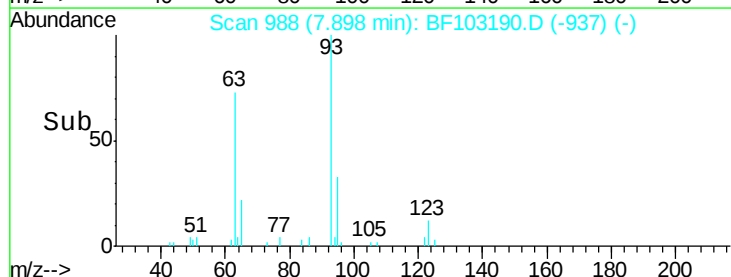
123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

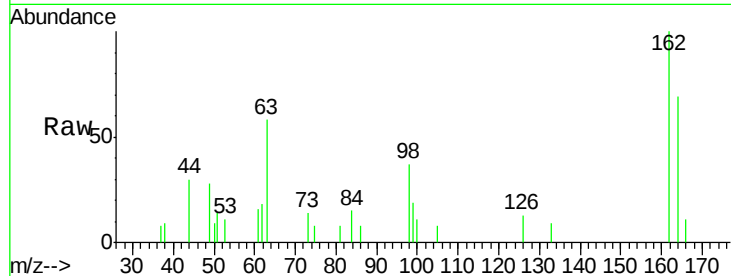




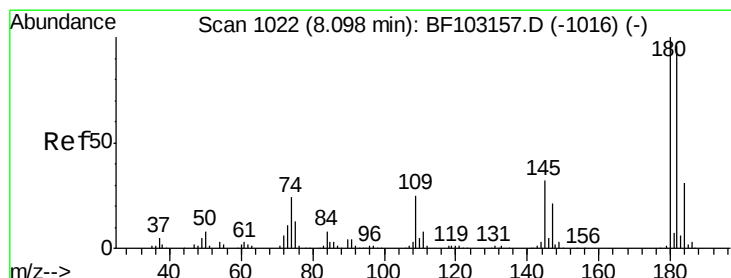
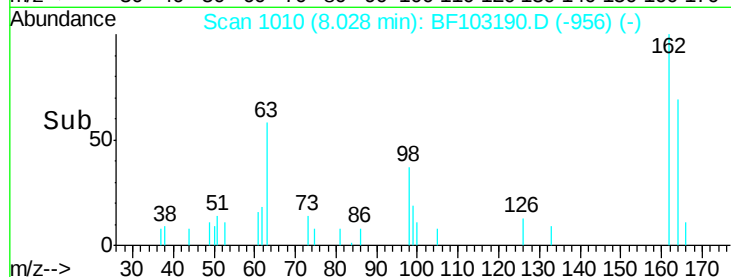
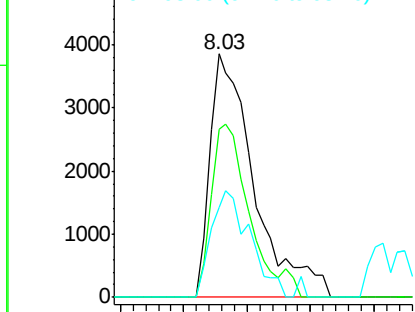
#29
2,4-Dichlorophenol
Concen: 0.928 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.02 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 9357
Ion Ratio Lower Upper
162 100
164 69.1 42.7 82.7
98 37.0 18.1 58.1

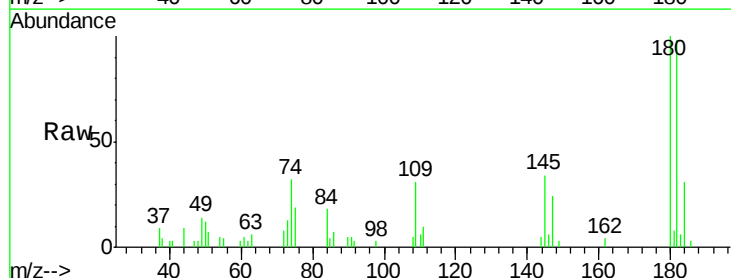


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

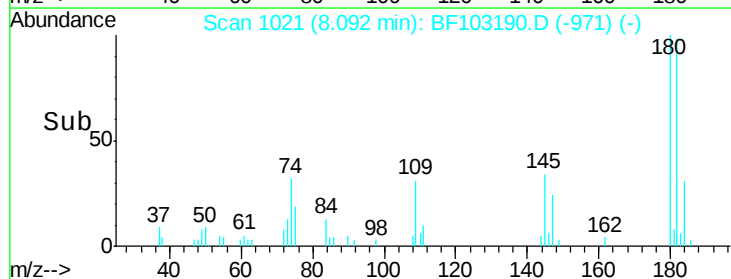
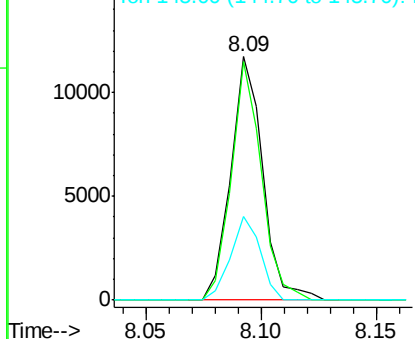


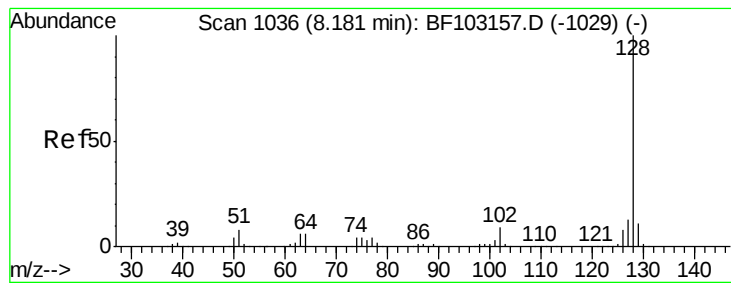
#30
1,2,4-Trichlorobenzene
Concen: 1.054 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:180 Resp: 11324
Ion Ratio Lower Upper
180 100
182 97.9 76.8 115.2
145 34.2 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: 1.156 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

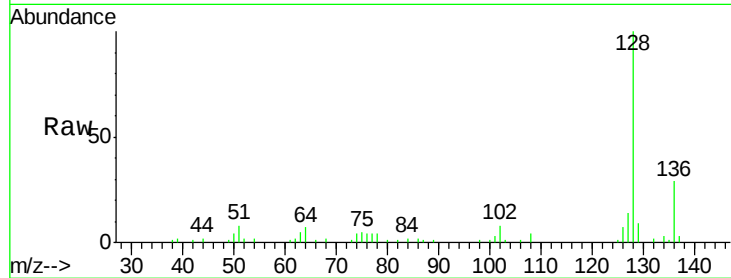
Tot Ion:128 Resp: 42965

Ion Ratio Lower Upper

128 100

129 8.9 8.8 13.2

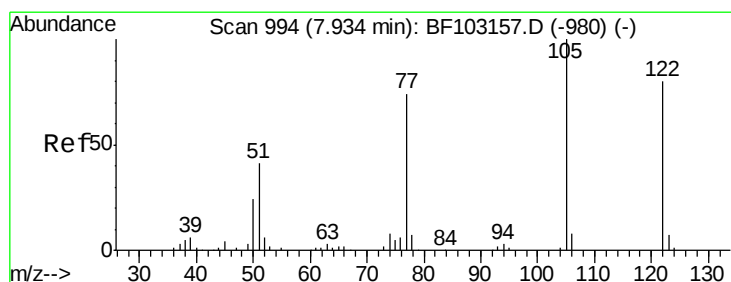
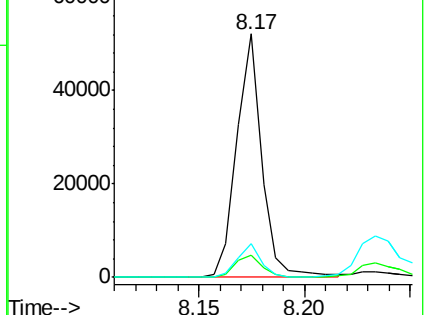
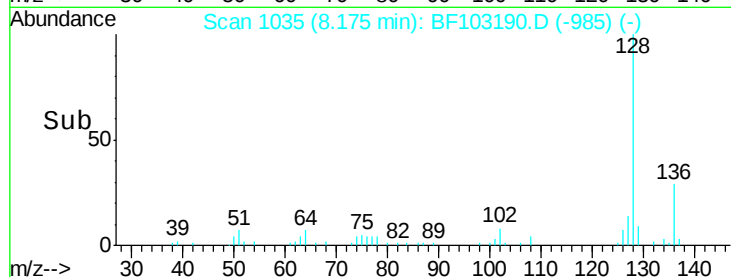
127 14.1 10.9 16.3



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: 7.087 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

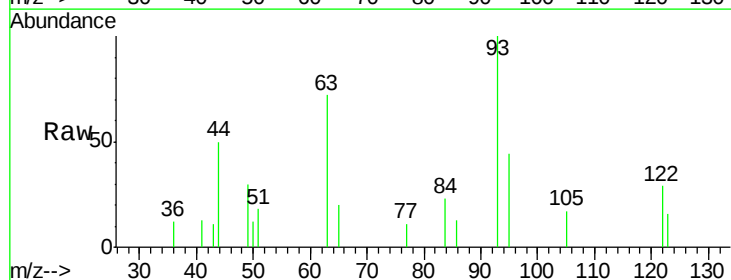
Tgt Ion:122 Resp: 1578

Ion Ratio Lower Upper

122 100

105 58.5 101.1 141.1#

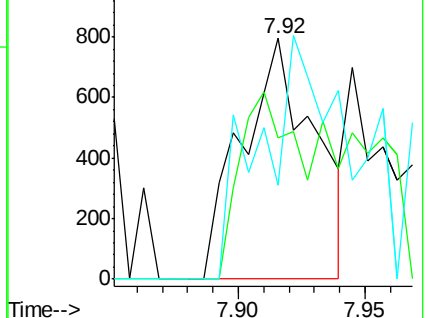
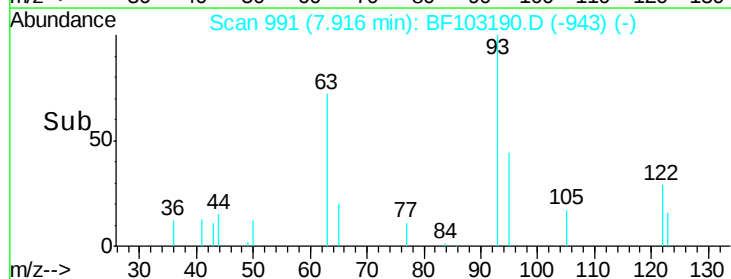
77 38.9 70.7 110.7#

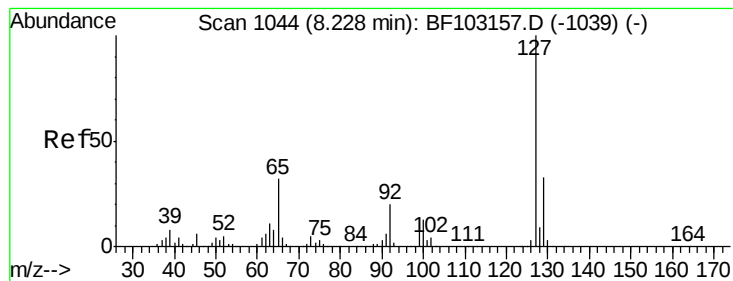


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 0.931 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 14943

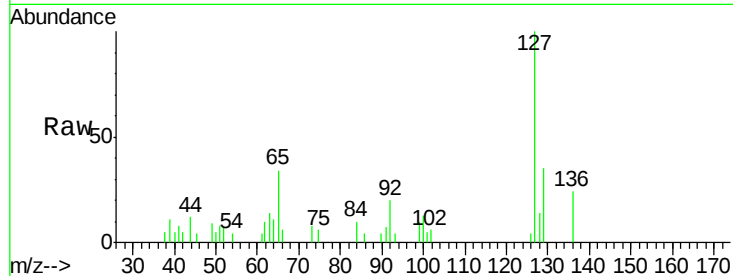
Ion Ratio Lower Upper

127 100

129 34.8 25.9 38.9

65 33.5 25.0 37.4

92 20.5 15.2 22.8

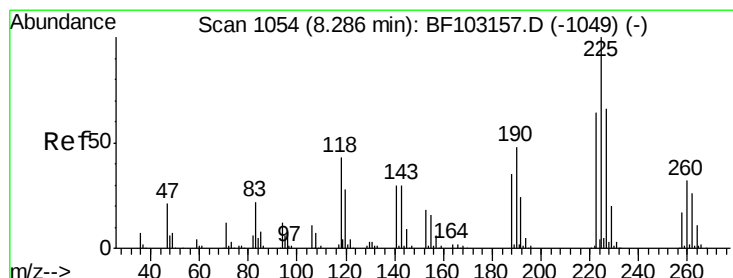
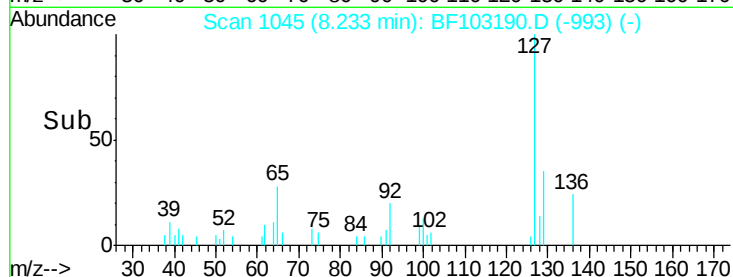
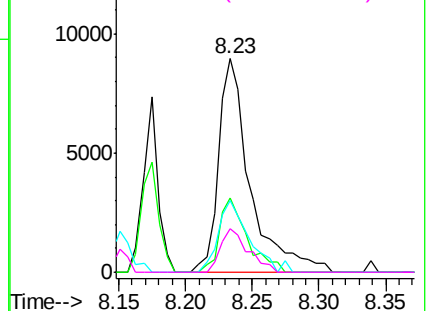


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 1.121 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

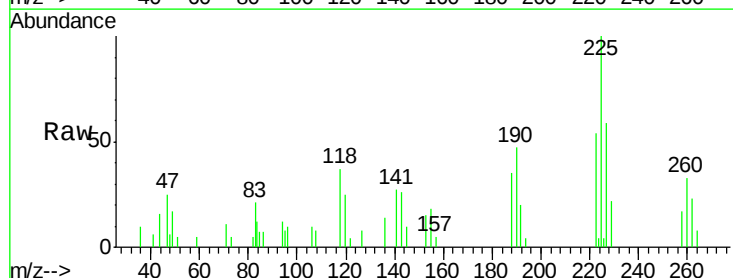
Tgt Ion:225 Resp: 6269

Ion Ratio Lower Upper

225 100

223 55.8 50.6 76.0

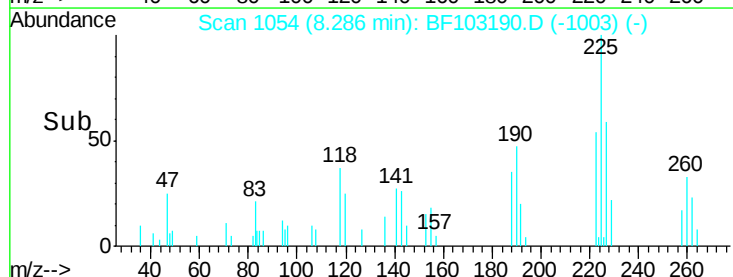
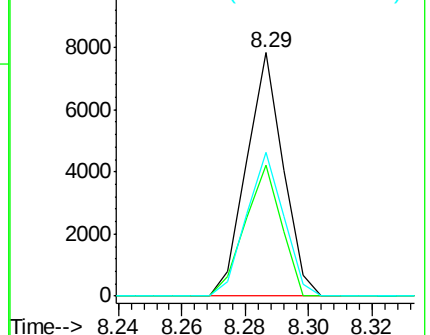
227 57.1 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 0.785 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.04 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

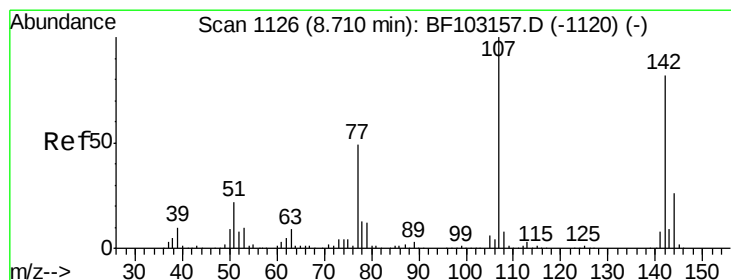
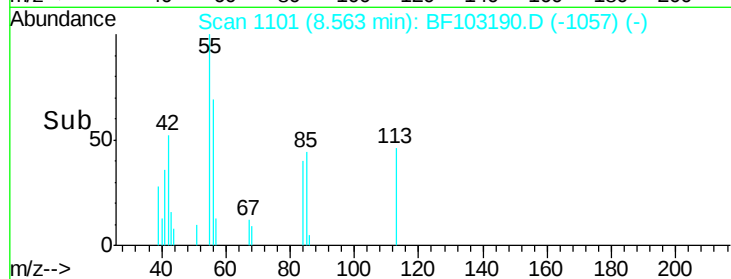
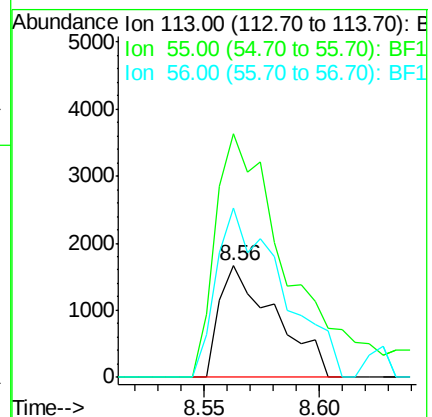
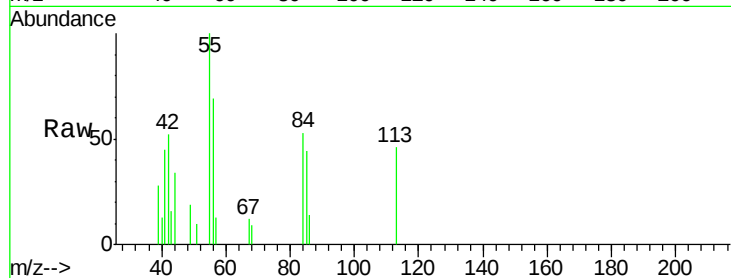
Tot Ion:113 Resp: 2782

Ion Ratio Lower Upper

113 100

55 218.3 163.3 203.3#

56 151.5 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 1.021 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

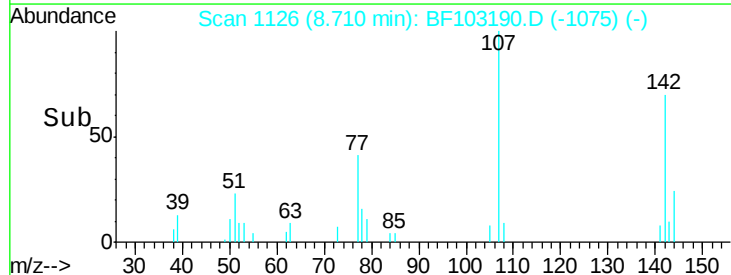
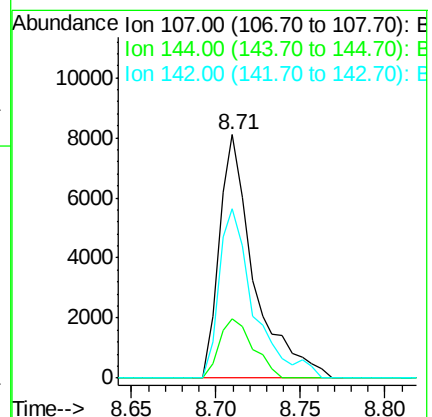
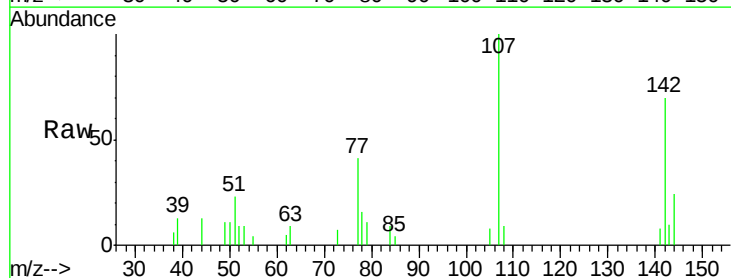
Tgt Ion:107 Resp: 11613

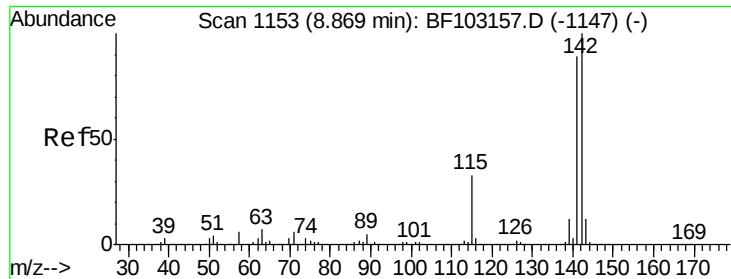
Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

142 69.6 62.0 93.0

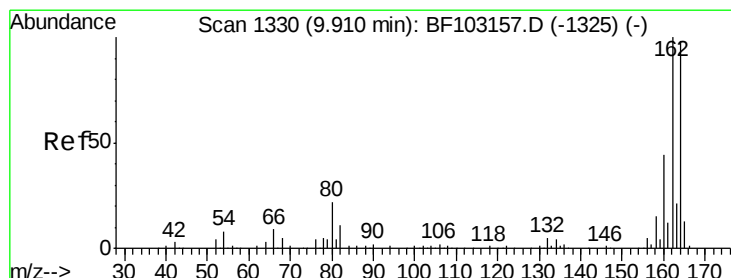
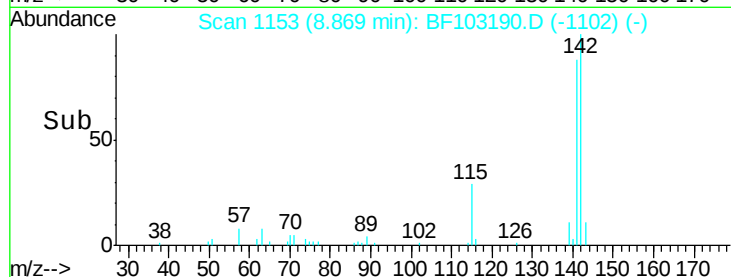
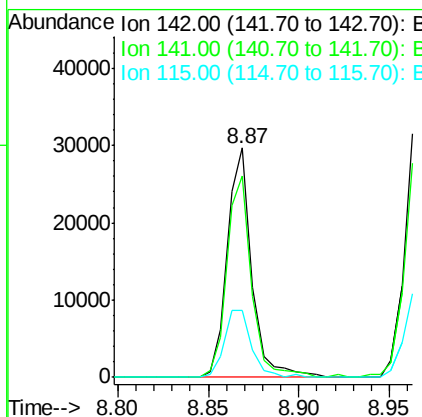
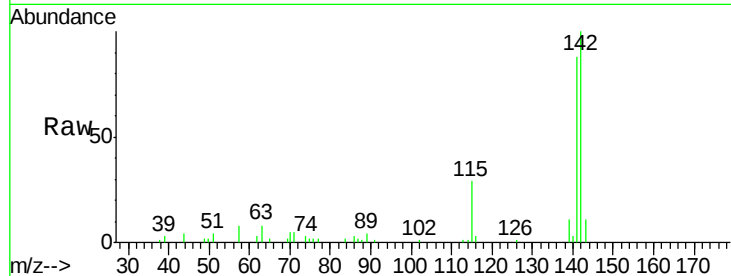




#37
2-Methylnaphthalene
Concen: 1.163 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

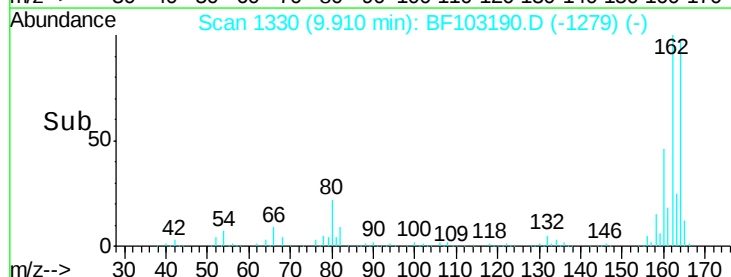
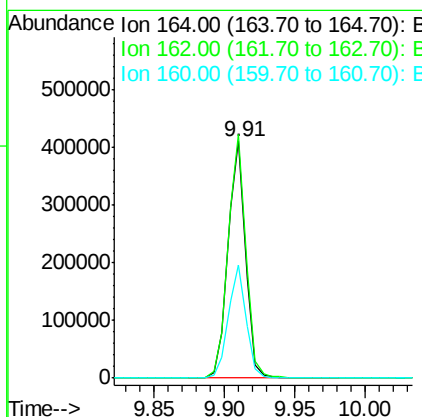
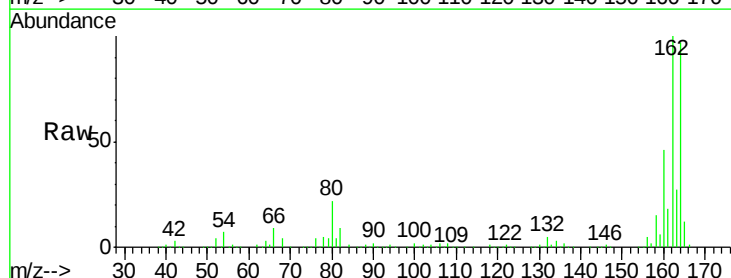
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 27943
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 29.2 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: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:164 Resp: 353698
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 47.8 38.3 57.5

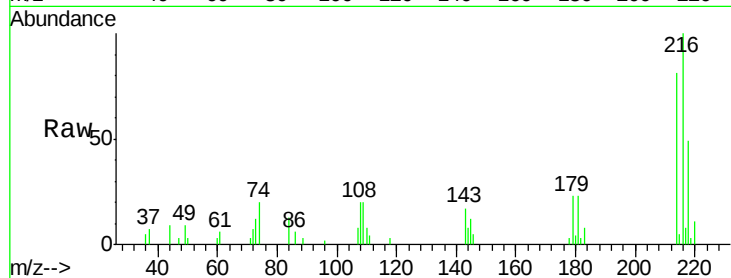




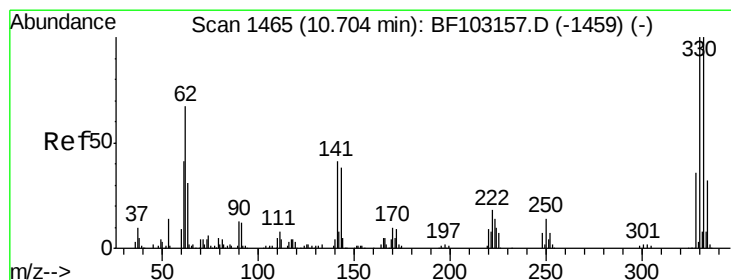
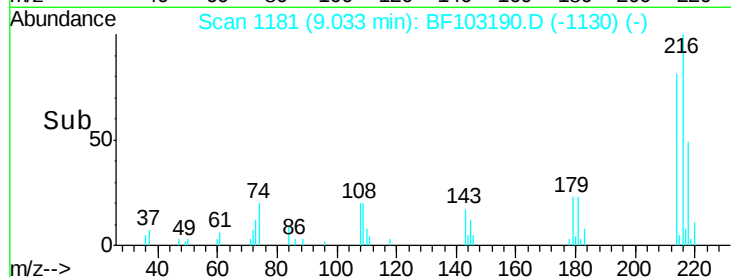
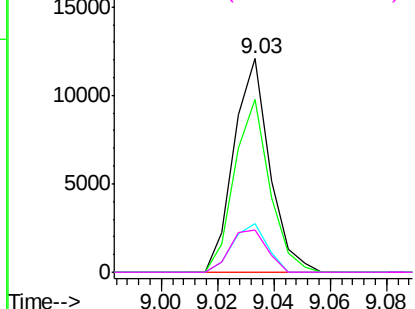
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.103 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	10664
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	21.8	18.1	27.1
108	20.4	17.2	25.8

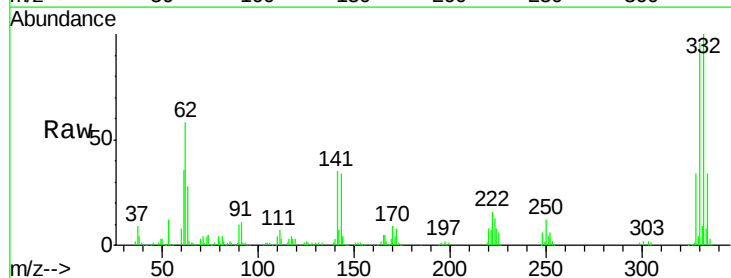


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

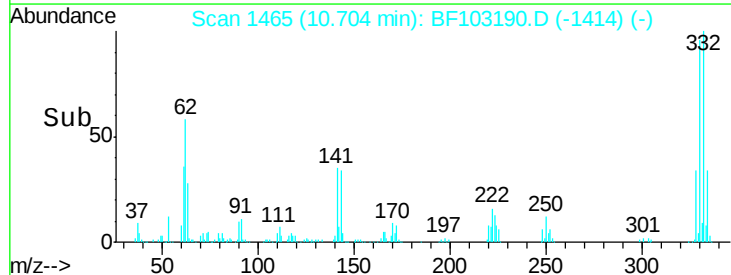
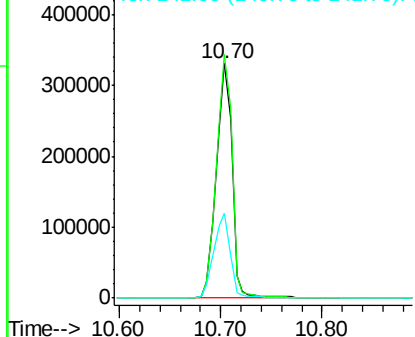


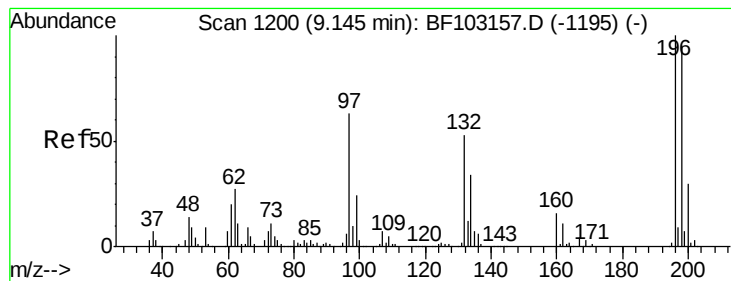
#41
 2,4,6-Tribromophenol
 Concen: 120.612 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Tgt Ion:	330	Resp:	361094
Ion	Ratio	Lower	Upper
330	100		
332	104.0	77.0	115.6
141	37.6	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: 0.923 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

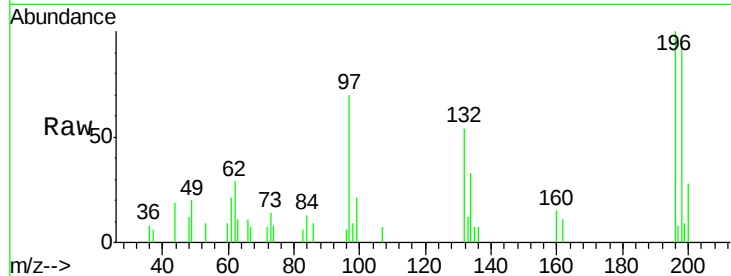
Tot Ion:196 Resp: 6006

Ion Ratio Lower Upper

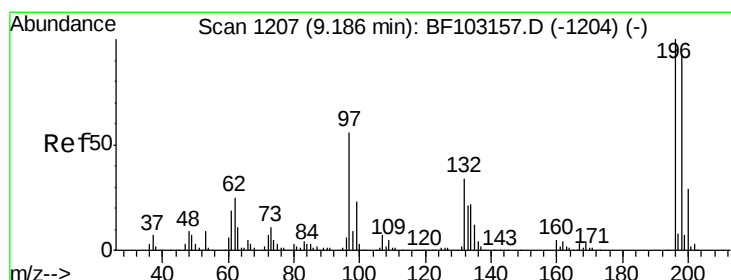
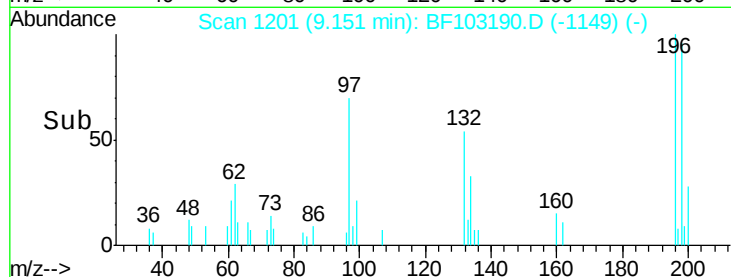
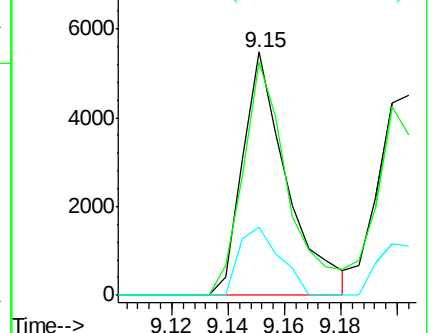
196 100

198 96.0 75.7 113.5

200 27.8 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: 0.947 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.02 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Tgt Ion:196 Resp: 7087

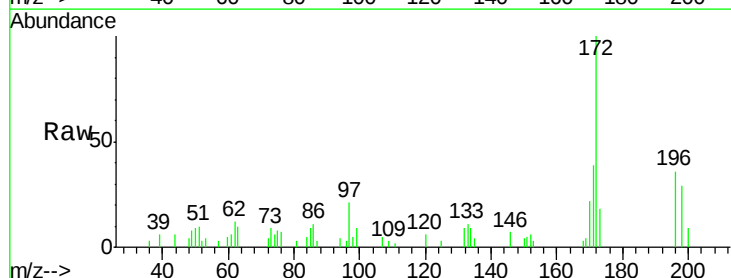
Ion Ratio Lower Upper

196 100

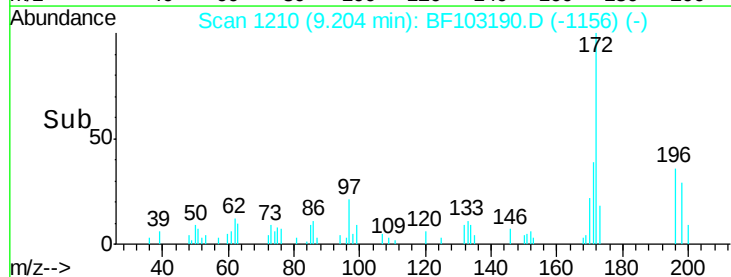
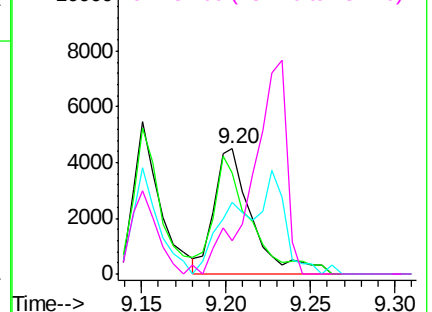
198 80.7 74.6 112.0

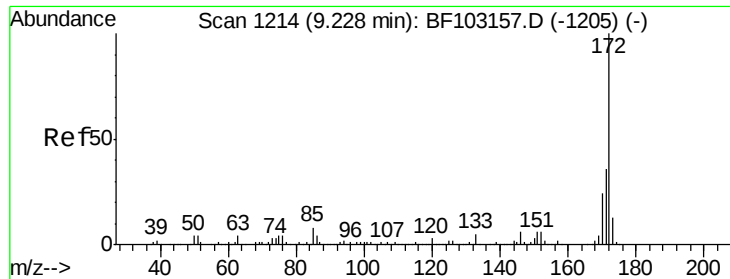
97 57.7 42.9 64.3

132 26.3 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



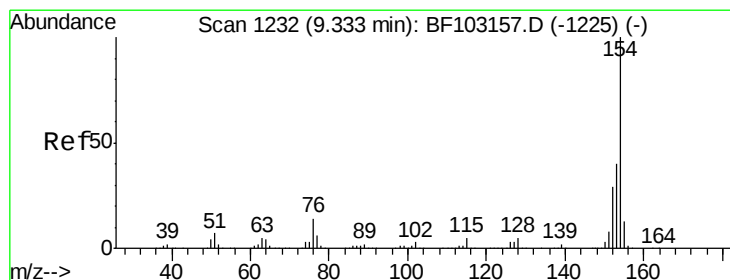
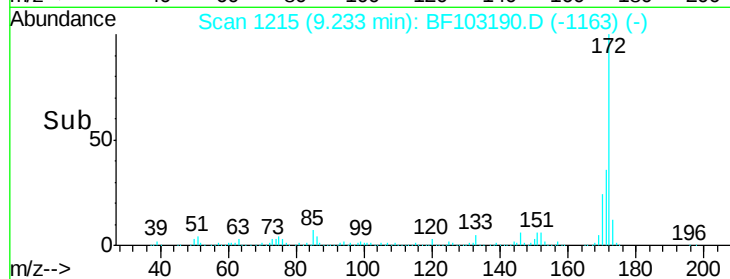
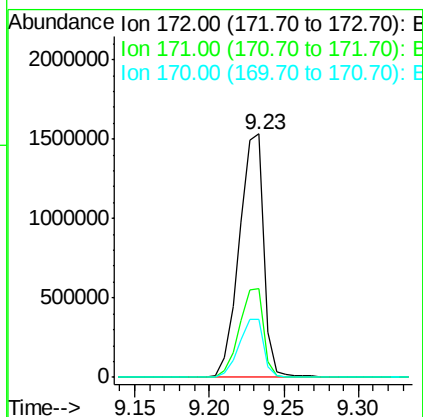
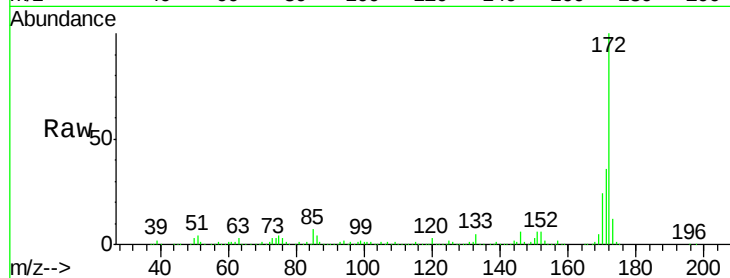


#44
 2-Fluorobiphenyl
 Concen: 85.414 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1751985

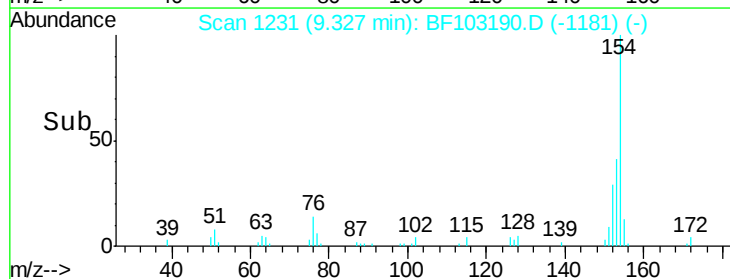
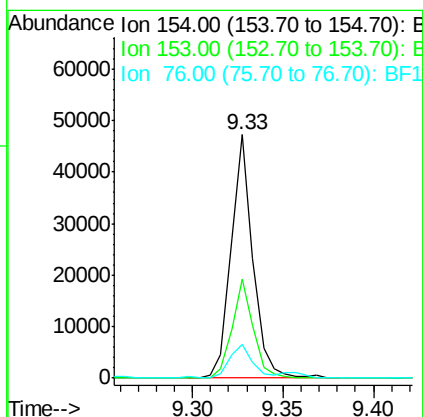
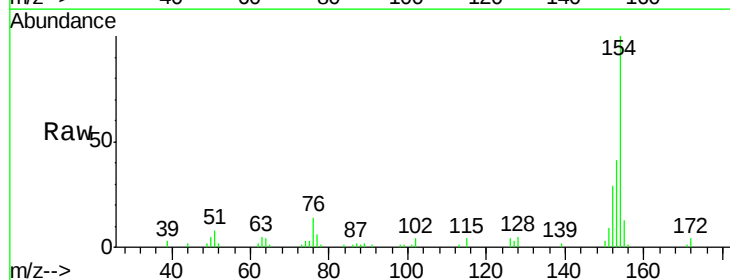
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

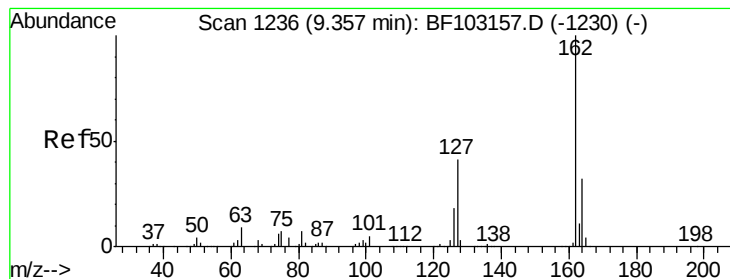


#45
 1,1'-Biphenyl
 Concen: 1.338 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Tgt Ion:154 Resp: 39663

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	14.1	0.0	34.0





#46

2-Chloronaphthalene

Concen: 1.122 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

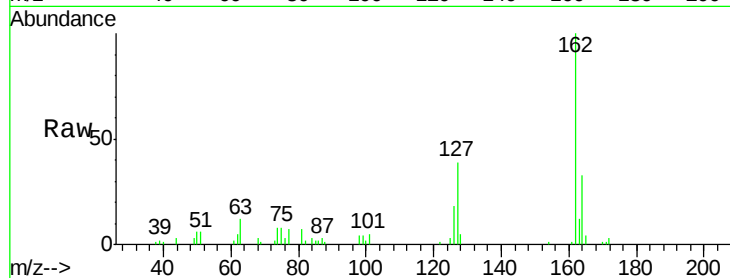
Tot Ion:162 Resp: 26312

Ion Ratio Lower Upper

162 100

127 39.2 33.9 50.9

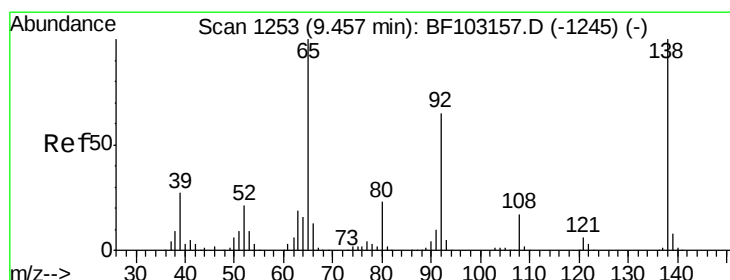
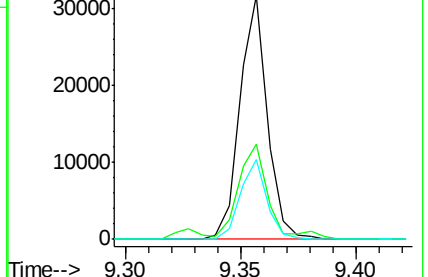
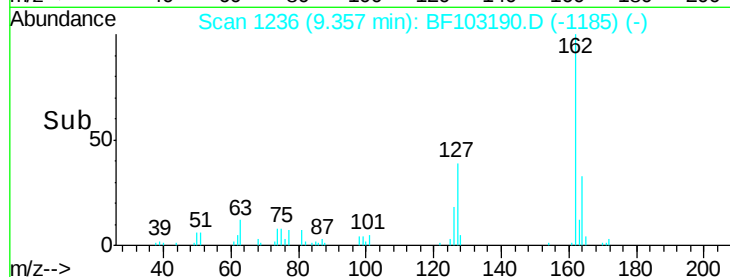
164 32.5 26.5 39.7



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: 0.948 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

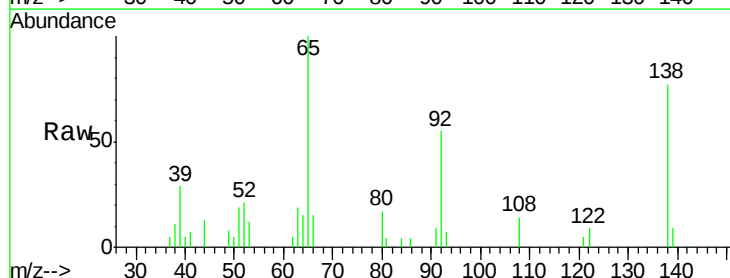
Tgt Ion: 65 Resp: 8235

Ion Ratio Lower Upper

65 100

92 55.2 55.8 83.6#

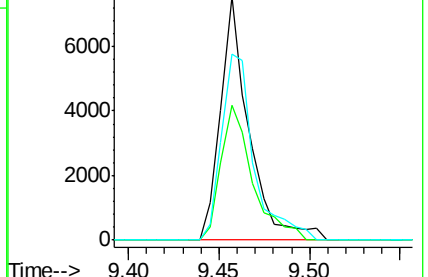
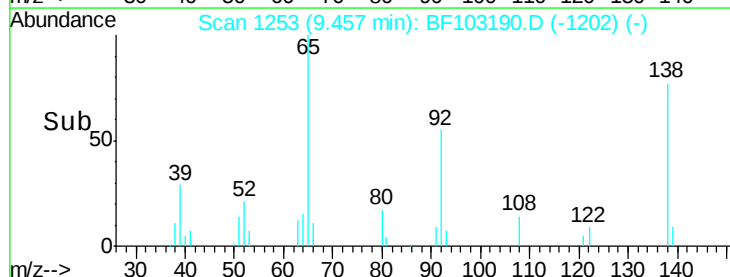
138 76.6 91.2 136.8#

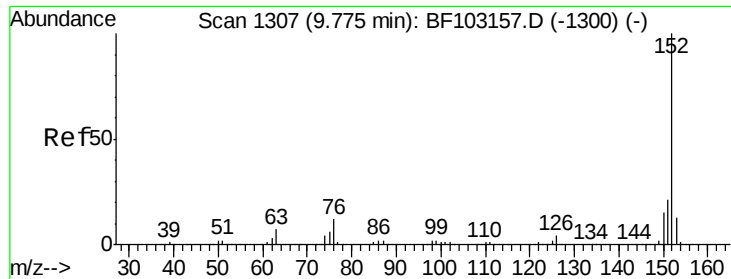


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 1.135 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

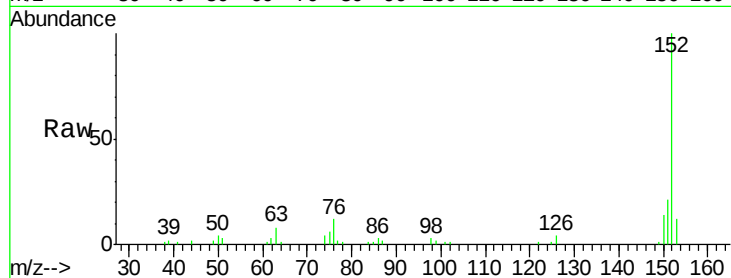
Tot Ion:152 Resp: 40946

Ion Ratio Lower Upper

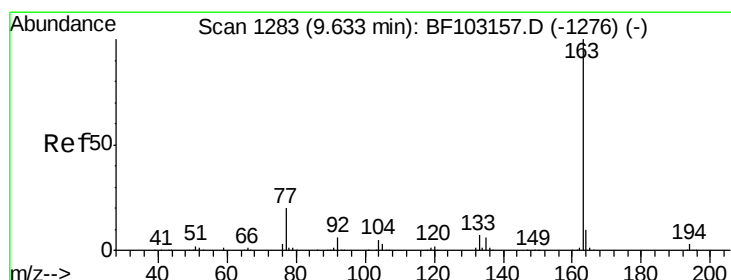
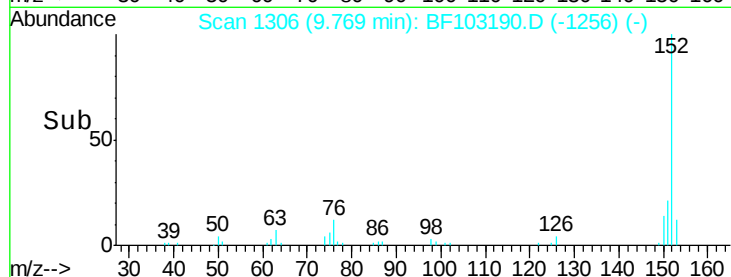
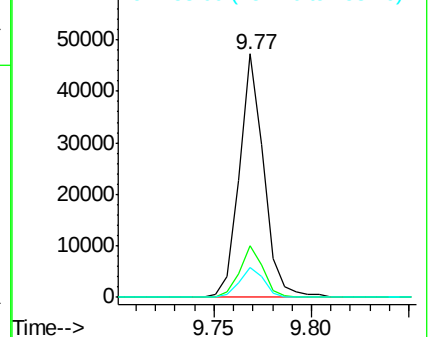
152 100

151 20.9 16.3 24.5

153 12.3 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: 1.115 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

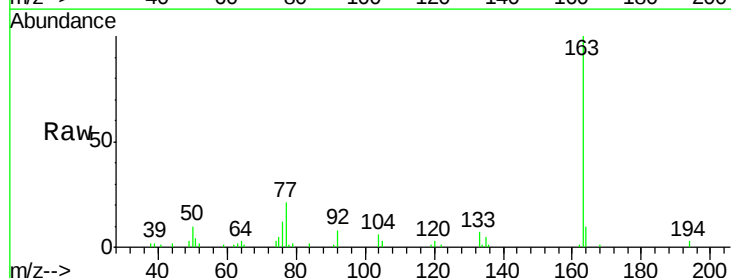
Tgt Ion:163 Resp: 31629

Ion Ratio Lower Upper

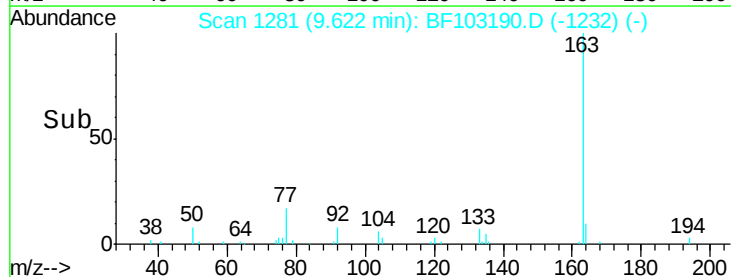
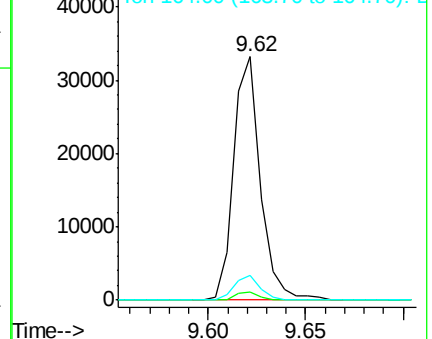
163 100

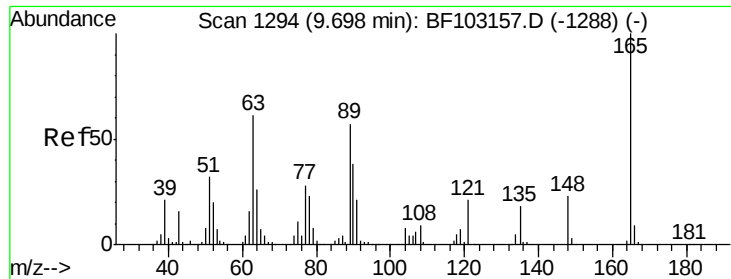
194 3.4 2.7 4.1

164 10.0 8.2 12.2



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

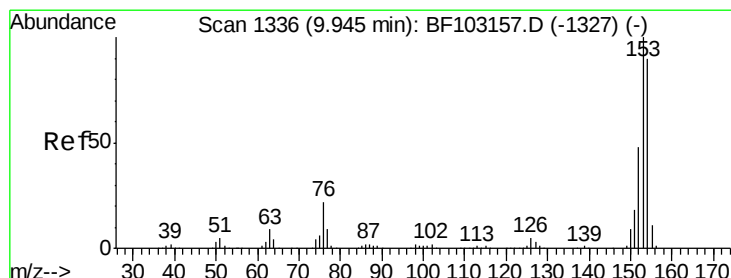
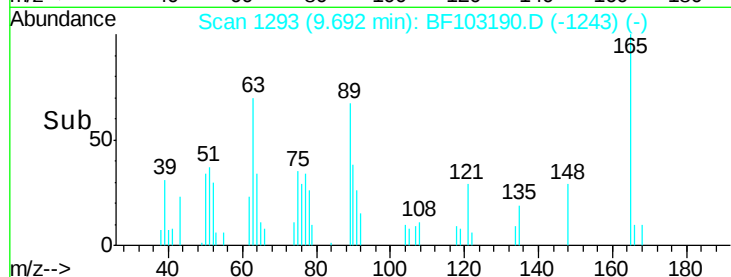
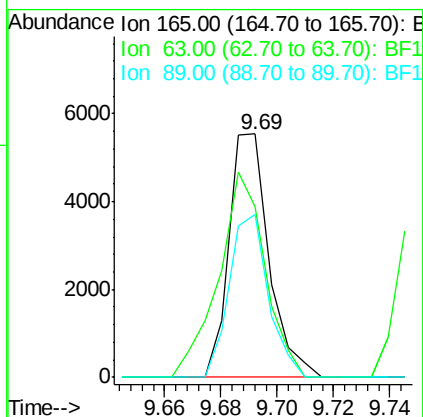
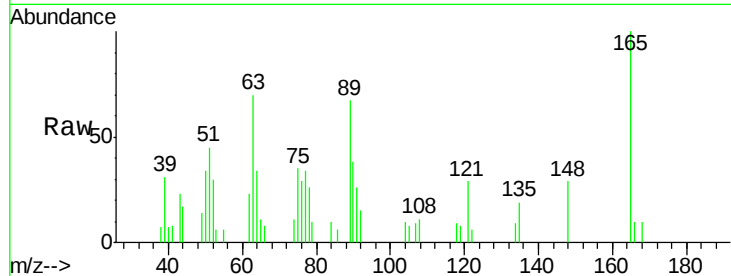




#50
2,6-Dinitrotoluene
Concen: 0.917 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

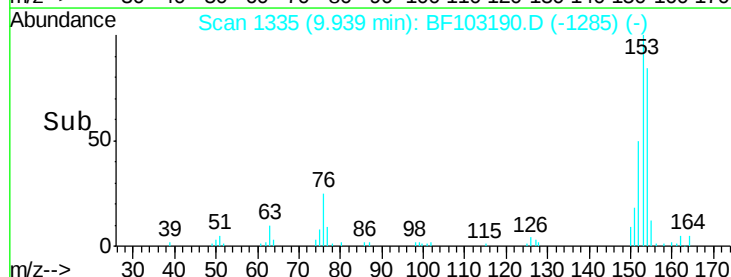
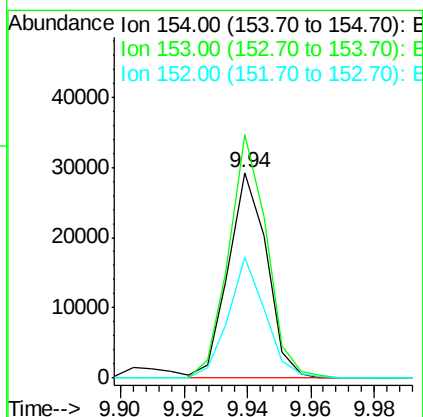
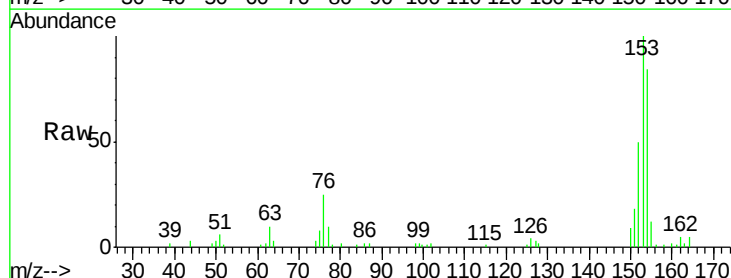
Instrument :
BNA_F
ClientSampleId :

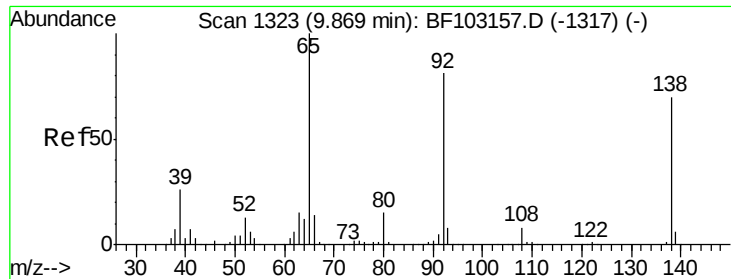
Tot Ion:165 Resp: 5463
Ion Ratio Lower Upper
165 100
63 69.8 44.7 67.1#
89 66.8 44.0 66.0#



#51
Acenaphthene
Concen: 1.165 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:154 Resp: 24503
Ion Ratio Lower Upper
154 100
153 118.6 91.2 136.8
152 59.0 43.8 65.8

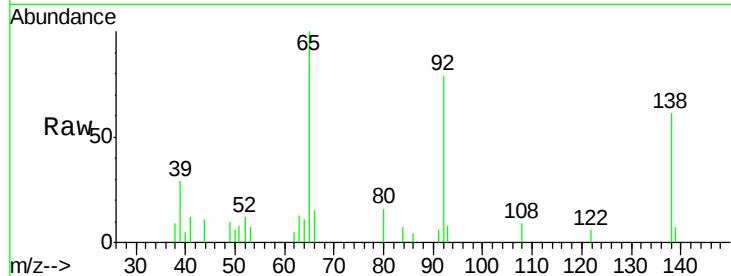




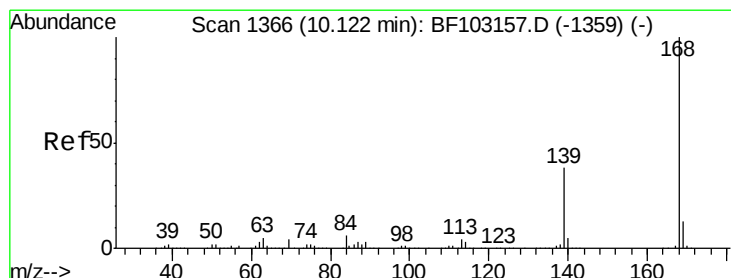
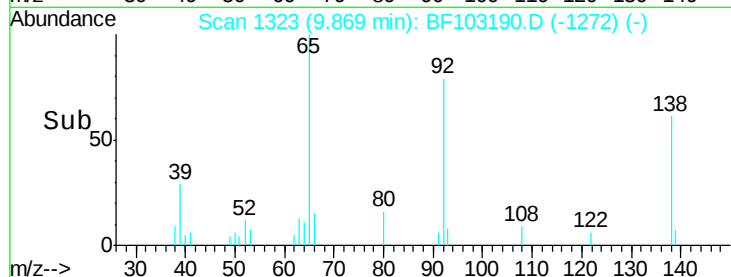
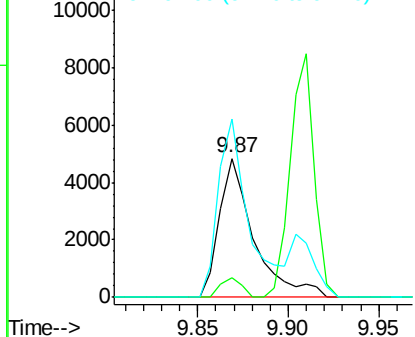
#52
3-Nitroaniline
Concen: 0.852 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 6434
Ion Ratio Lower Upper
138 100
108 14.5 9.4 14.0#
92 128.0 89.4 134.2

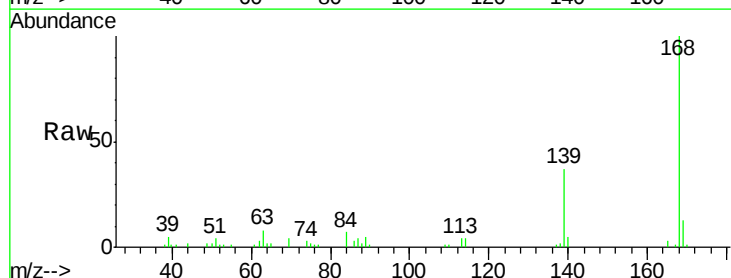


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

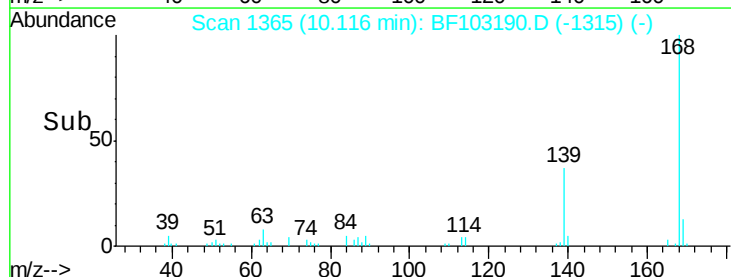
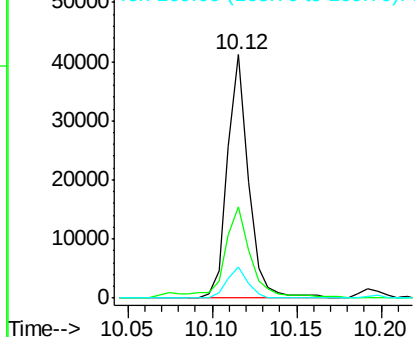


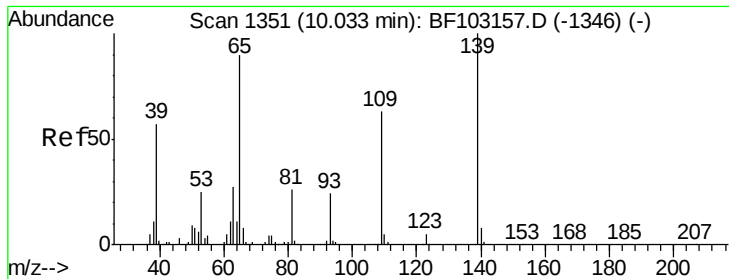
#54
Dibenzofuran
Concen: 1.240 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:168 Resp: 35807
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 12.6 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

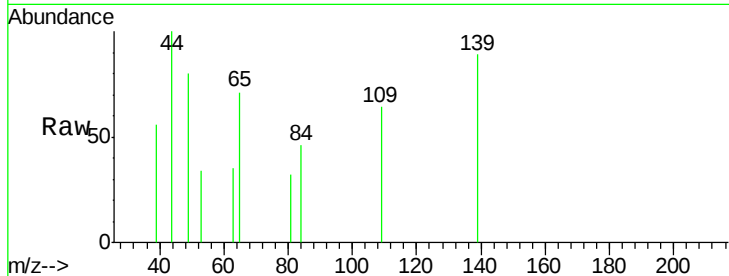




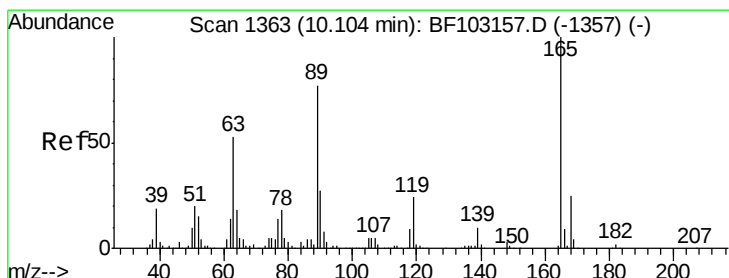
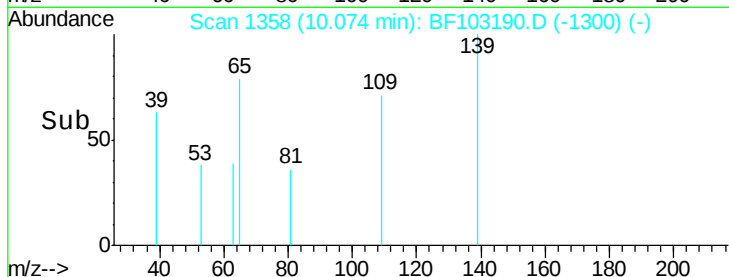
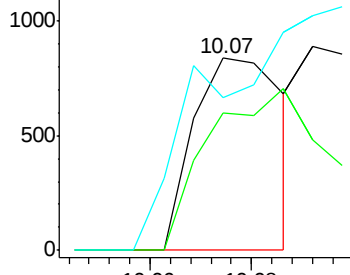
#55
4-Nitrophenol
Concen: 0.219 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.04 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 1027
Ion Ratio Lower Upper
139 100
109 71.2 48.4 88.4
65 79.2 72.6 112.6

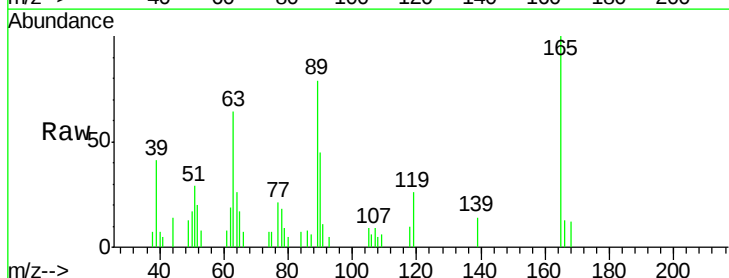


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

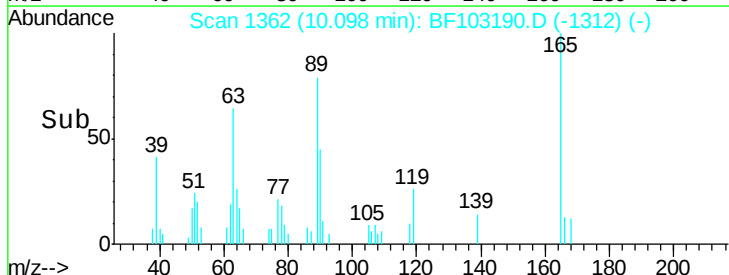
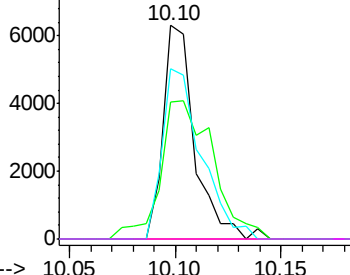


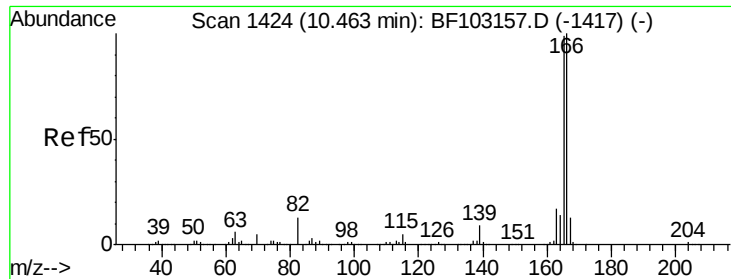
#56
2,4-Dinitrotoluene
Concen: 0.871 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:165 Resp: 6558
Ion Ratio Lower Upper
165 100
63 64.2 36.4 54.6#
89 79.5 57.8 86.6
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

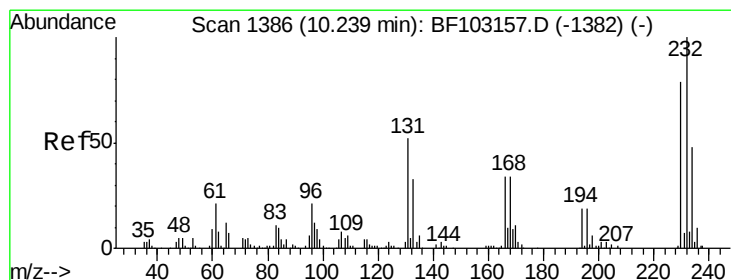
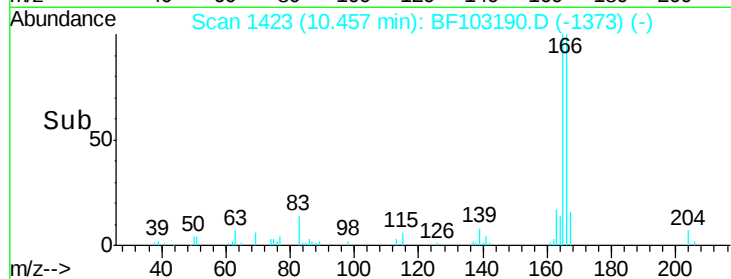
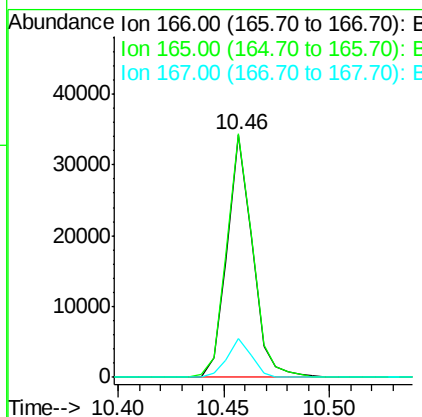
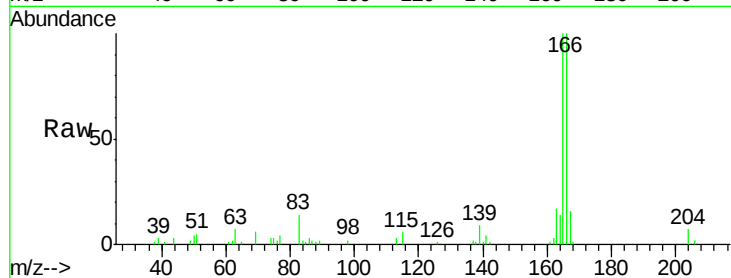




#57
 Fluorene
 Concen: 1.157 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

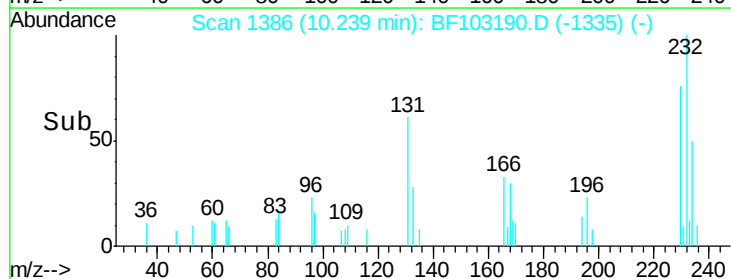
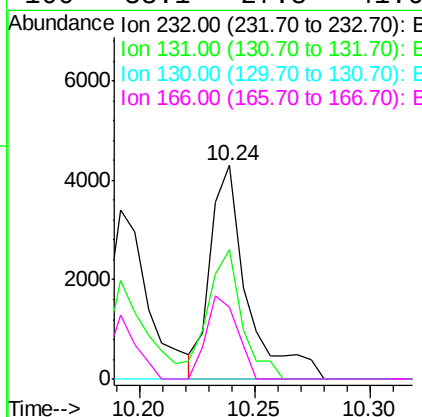
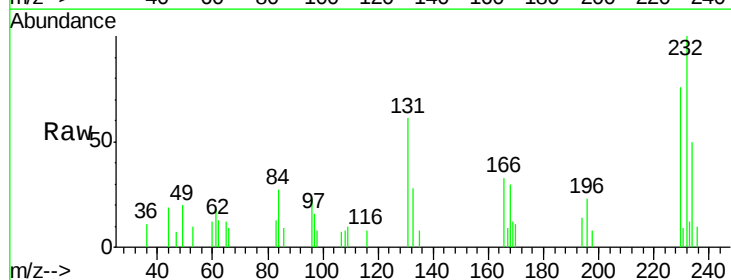
Instrument :
 BNA_F
 ClientSampleId :

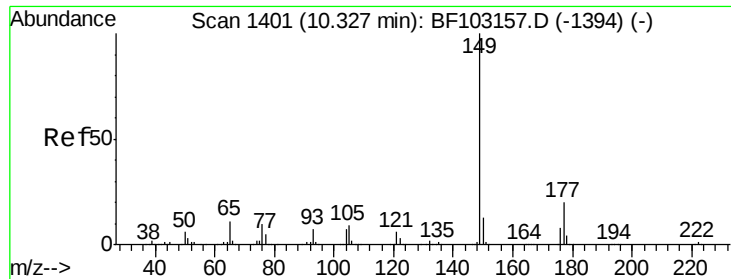
Tot Ion:166 Resp: 28461
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 16.1 10.6 16.0#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.938 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Tgt Ion:232 Resp: 4716
 Ion Ratio Lower Upper
 232 100
 131 57.9 43.8 65.8
 130 0.0 2.1 3.1#
 166 33.1 27.8 41.6

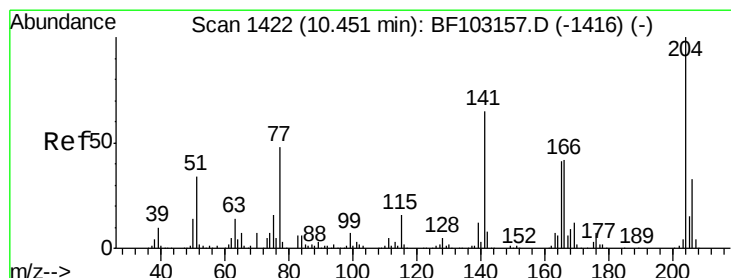
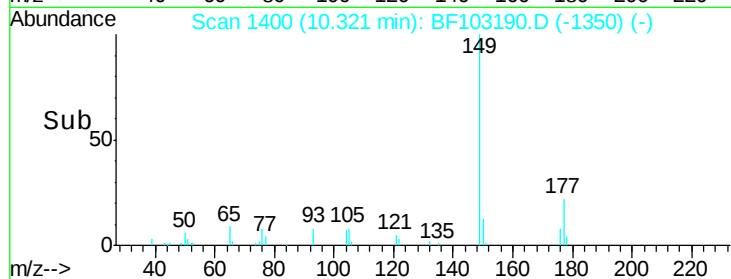
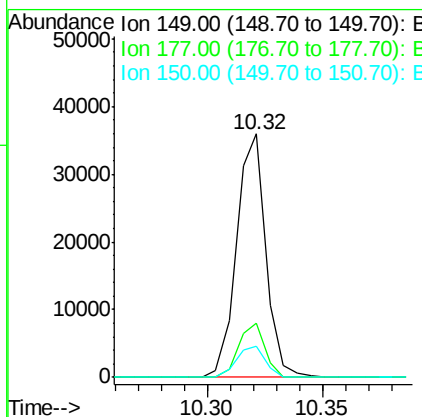
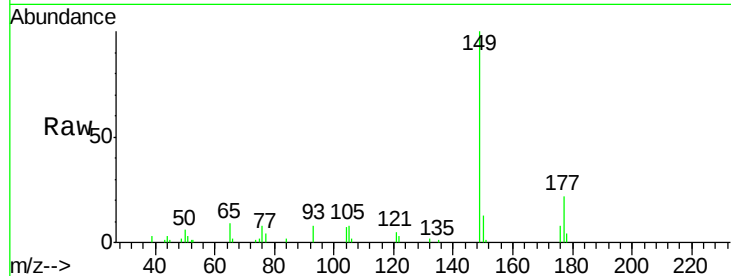




#59
Diethylphthalate
Concen: 1.169 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

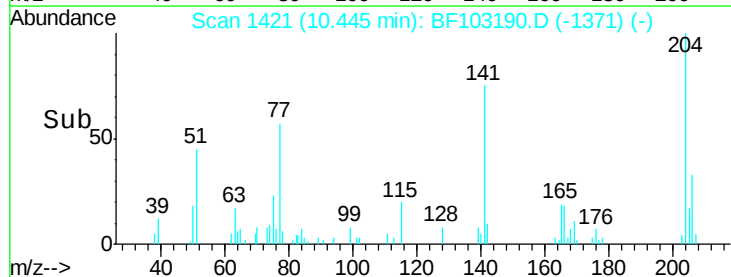
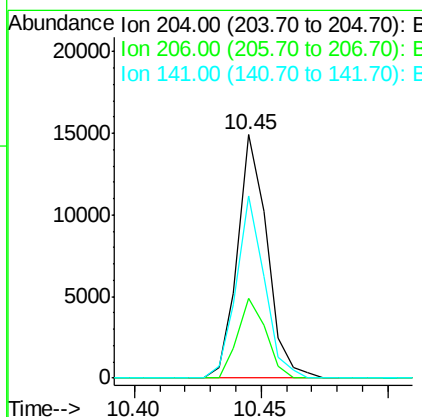
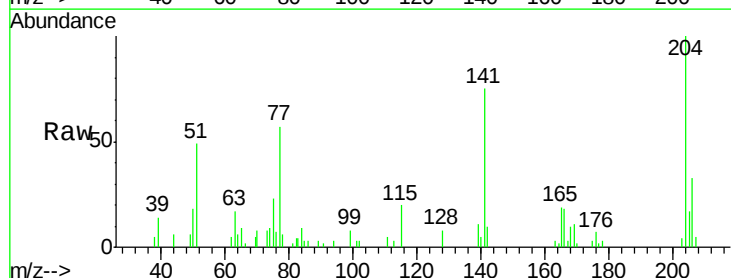
Instrument :
BNA_F
ClientSampled :

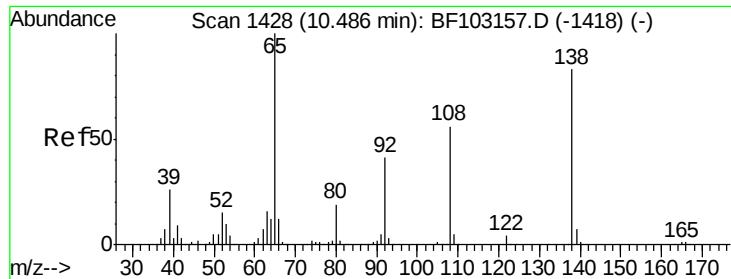
Tot Ion:149 Resp: 31730
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 1.164 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:204 Resp: 12140
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 74.8 54.6 81.8

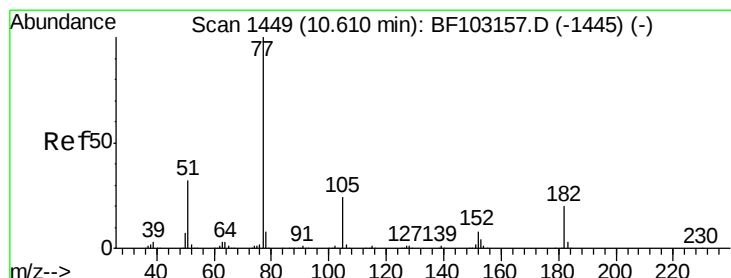
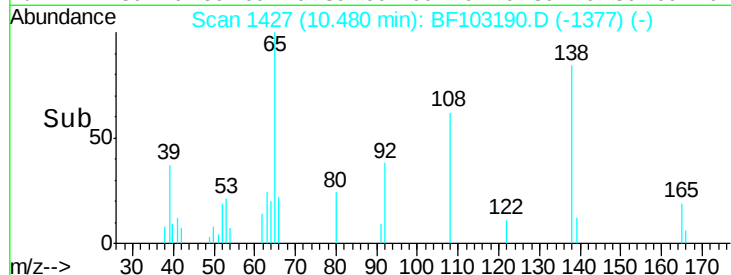
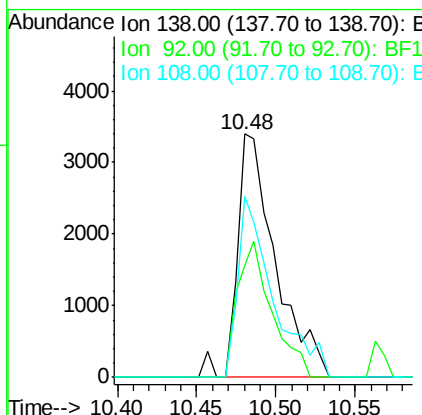
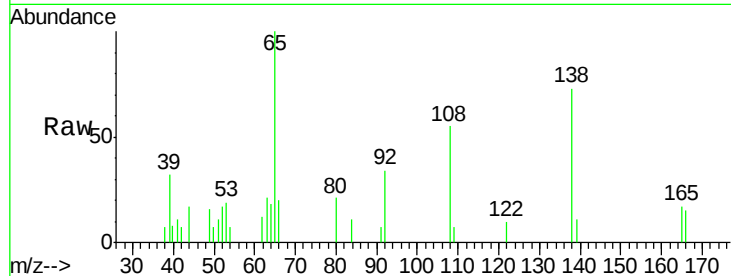




#61
 4-Nitroaniline
 Concen: 0.754 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

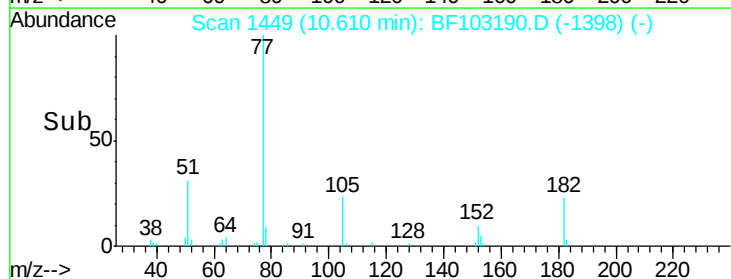
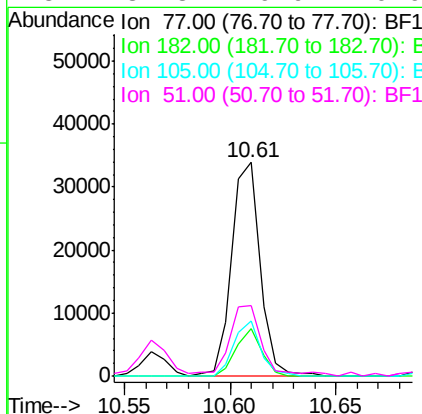
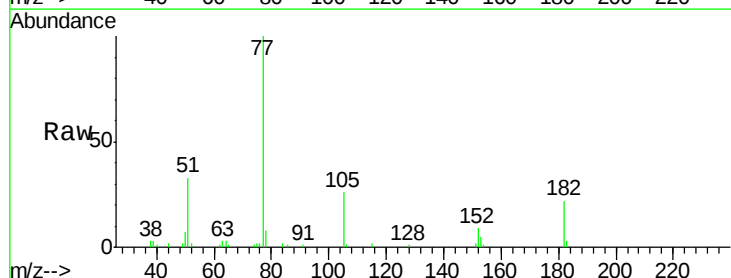
Instrument :
 BNA_F
 ClientSampleId :

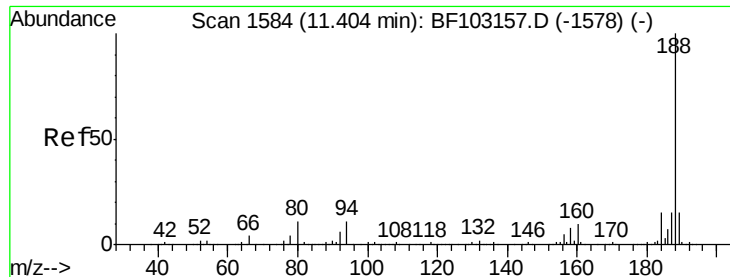
Tot Ion:	138	Resp:	5690
Ion	Ratio	Lower	Upper
138	100		
92	45.7	30.2	70.2
108	74.4	52.5	92.5



#62
 Azobenzene
 Concen: 1.142 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Tgt Ion:	77	Resp:	31549
Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.7	41.7
105	25.7	3.0	43.0
51	32.8	9.9	49.9

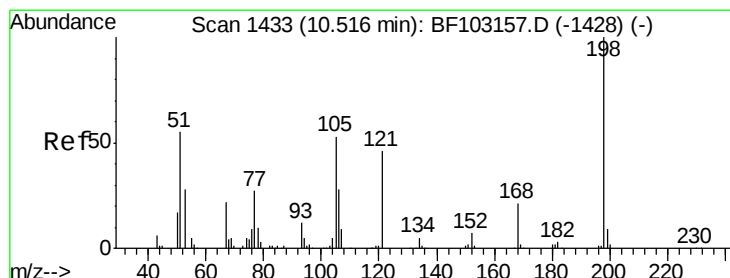
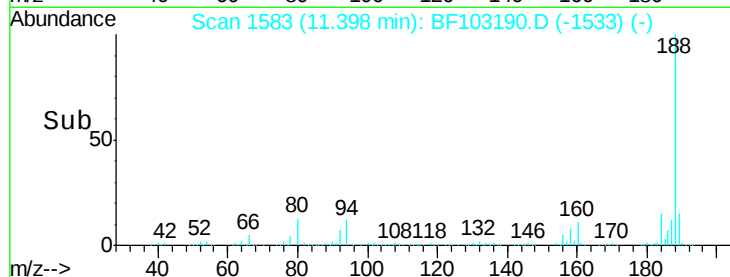
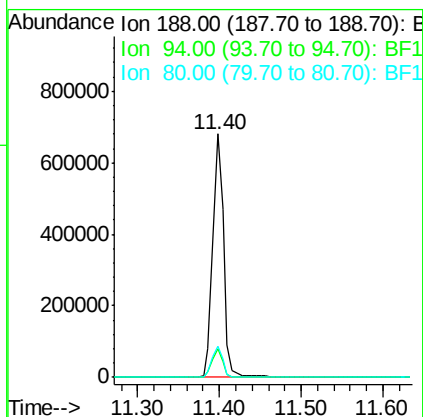
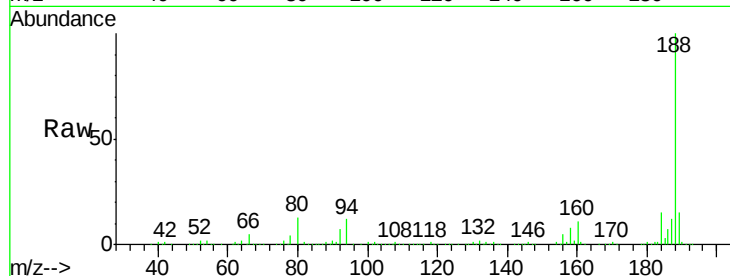




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

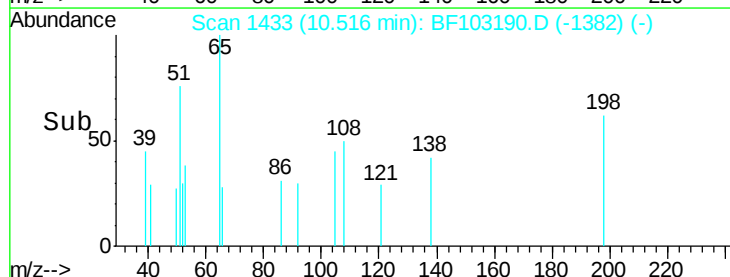
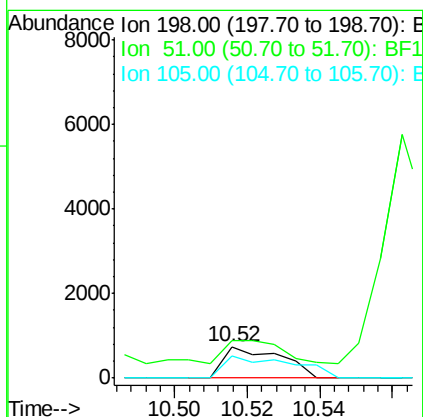
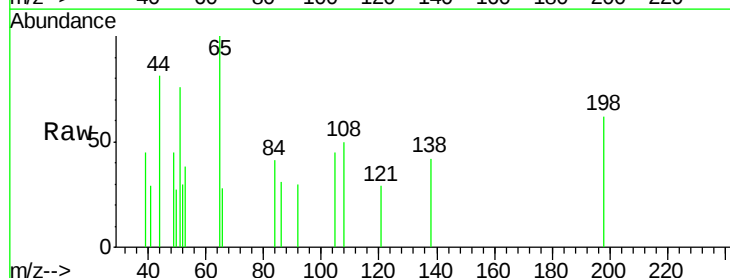
Instrument :
BNA_F
ClientSampleId :

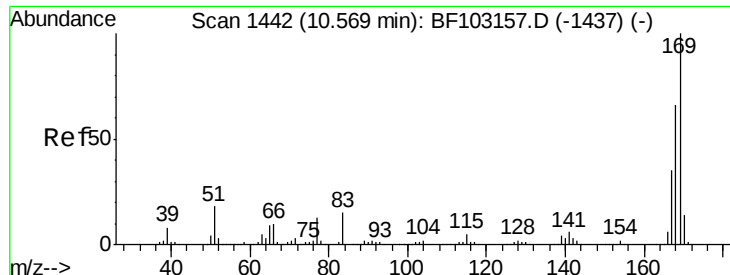
Tot Ion:188 Resp: 627738
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.134 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:198 Resp: 802
Ion Ratio Lower Upper
198 100
51 121.2 37.7 77.7#
105 72.0 36.3 76.3

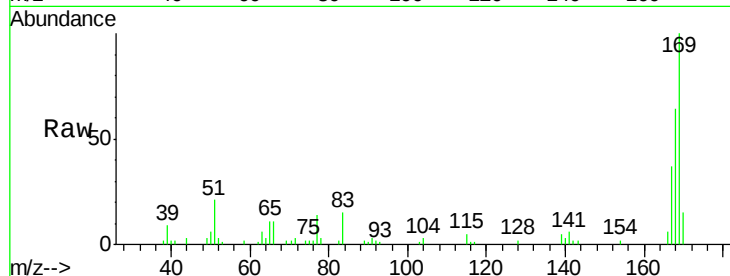




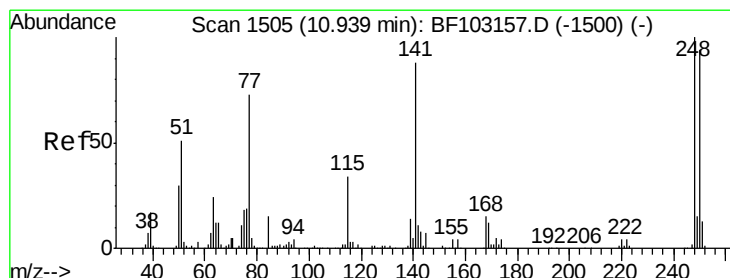
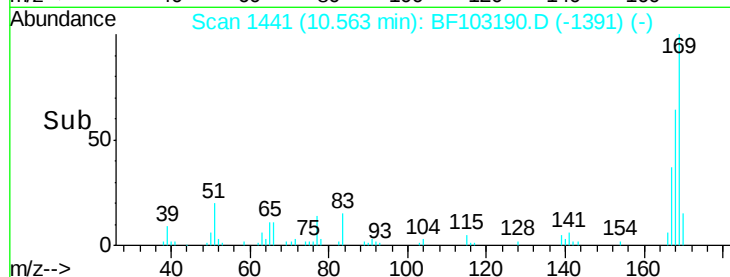
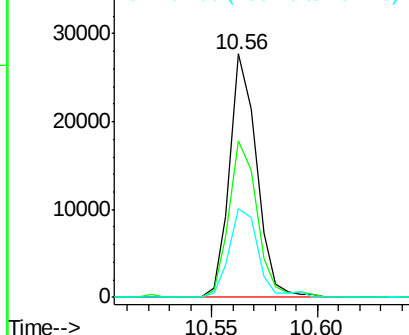
#65
n-Nitrosodiphenylamine
Concen: 1.123 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 24548
Ion Ratio Lower Upper
169 100
168 64.4 54.4 81.6
167 36.6 29.8 44.6

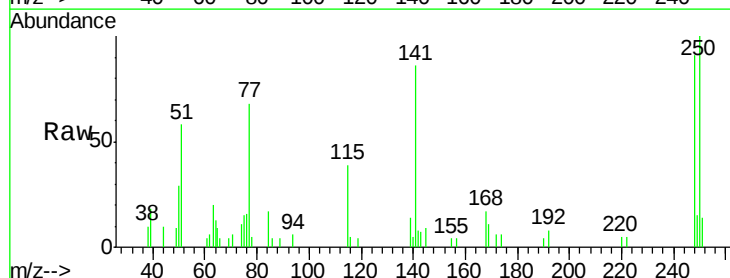


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

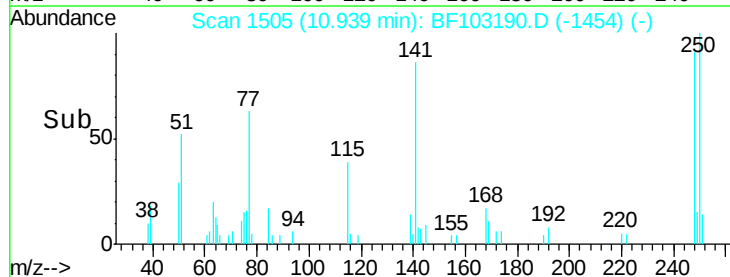
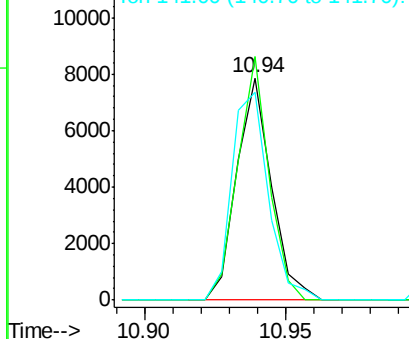


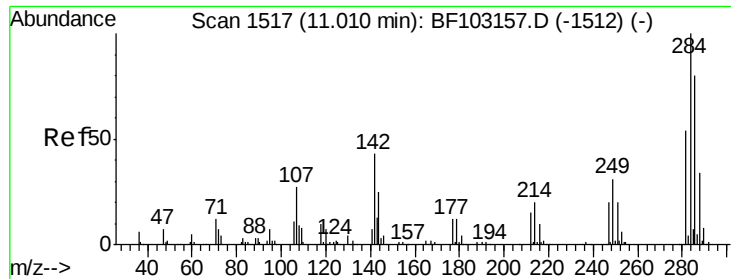
#66
4-Bromophenyl-phenylether
Concen: 1.029 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:248 Resp: 6727
Ion Ratio Lower Upper
248 100
250 109.6 76.9 115.3
141 93.8 74.4 111.6



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

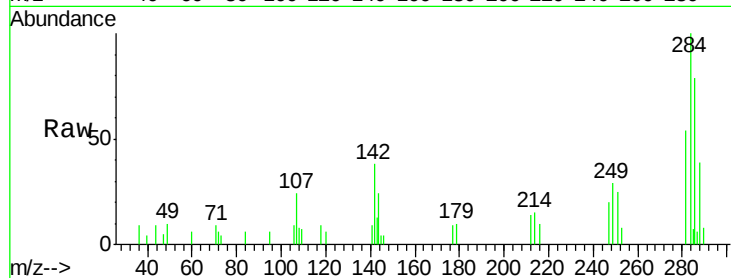




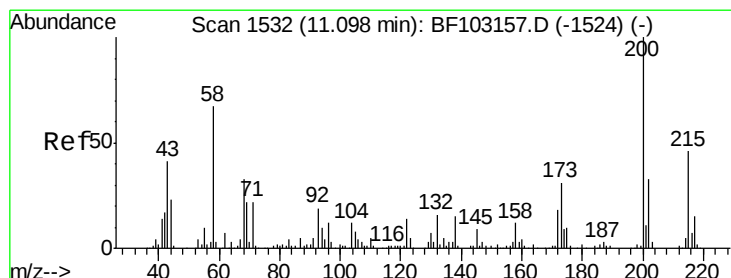
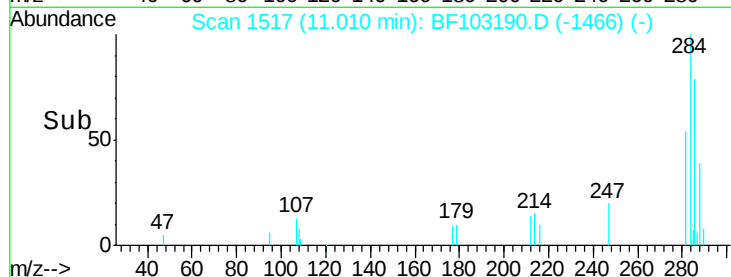
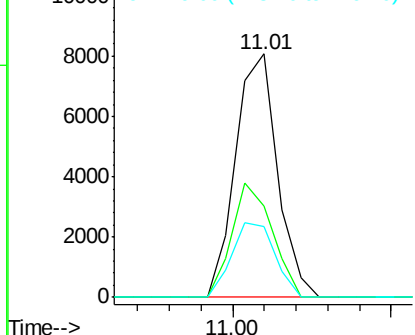
#67
Hexachlorobenzene
Concen: 1.038 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 7367
Ion Ratio Lower Upper
284 100
142 37.7 34.6 52.0
249 29.2 24.8 37.2

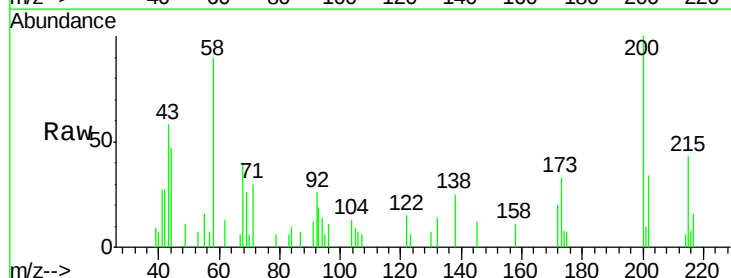


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

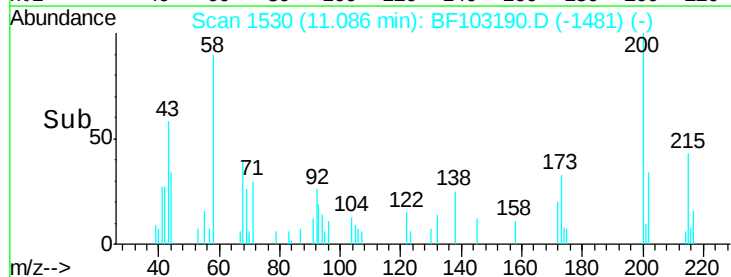
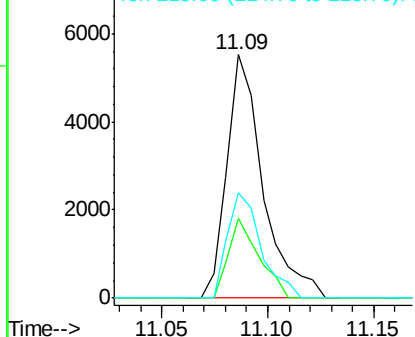


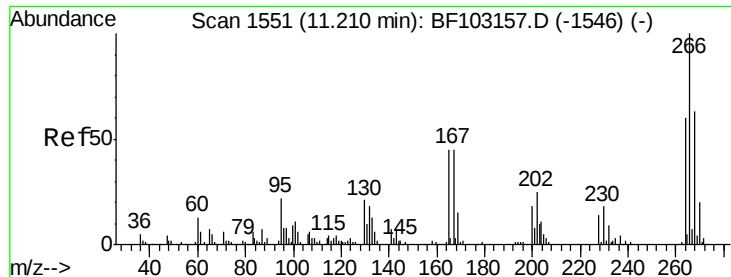
#68
Atrazine
Concen: 0.996 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:200 Resp: 6542
Ion Ratio Lower Upper
200 100
173 32.8 8.6 48.6
215 43.2 25.1 65.1



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





#69

Pentachlorophenol

Concen: 0.305 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

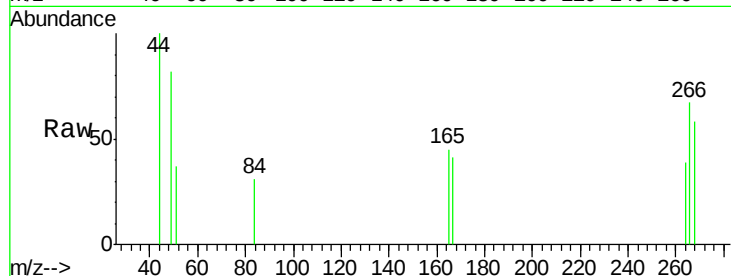
Tot Ion:266 Resp: 1046

Ion Ratio Lower Upper

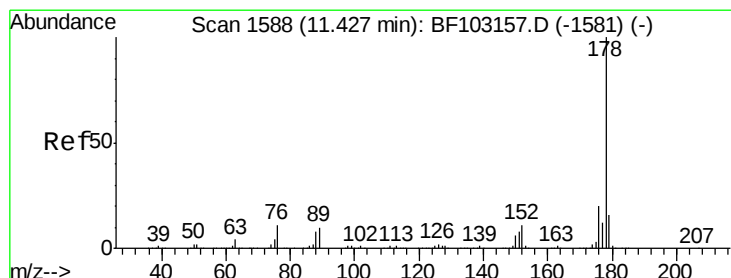
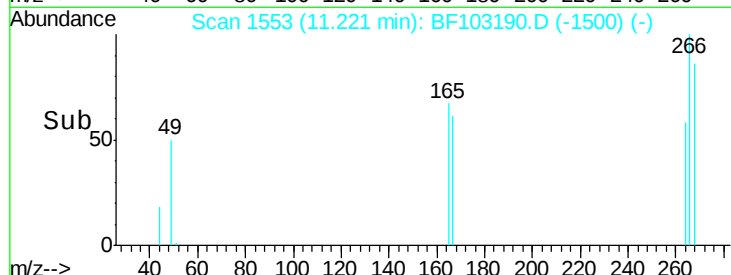
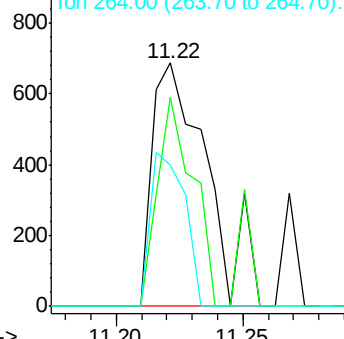
266 100

268 85.9 51.1 76.7#

264 57.7 49.5 74.3



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



#70

Phenanthrene

Concen: 1.206 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

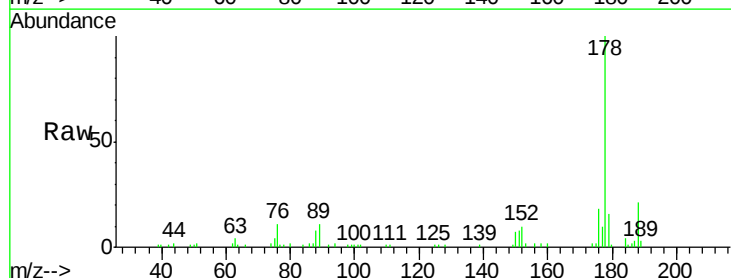
Tgt Ion:178 Resp: 41660

Ion Ratio Lower Upper

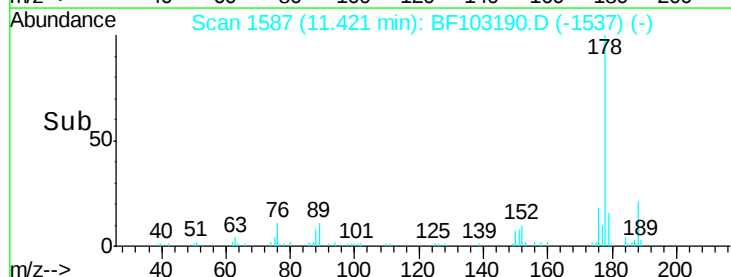
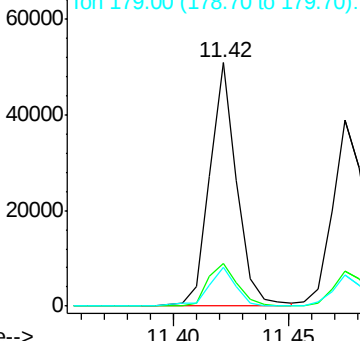
178 100

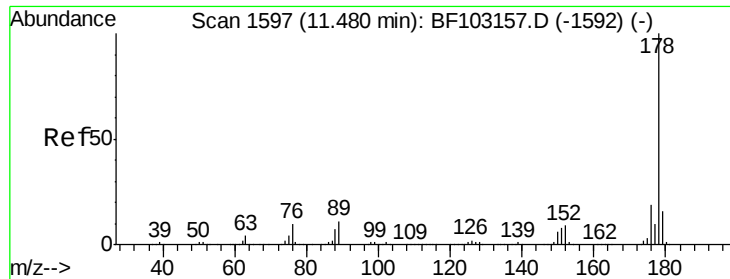
176 17.8 15.8 23.8

179 16.1 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

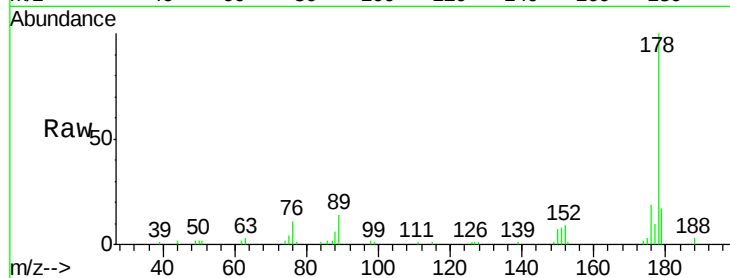




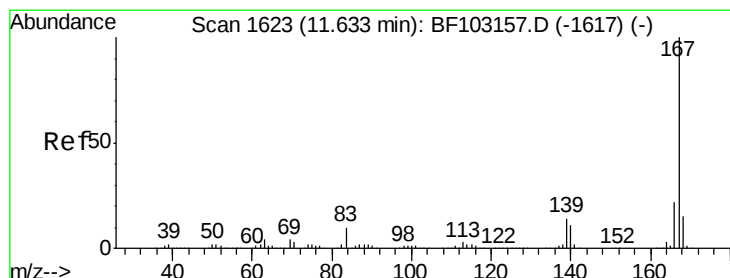
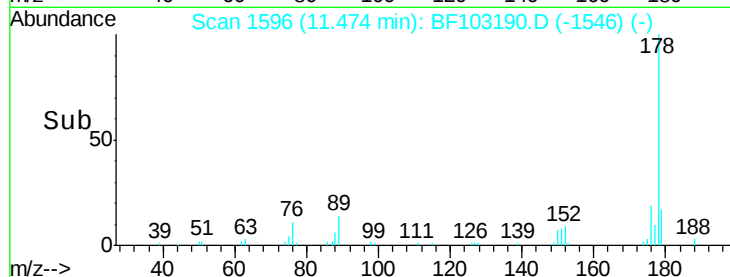
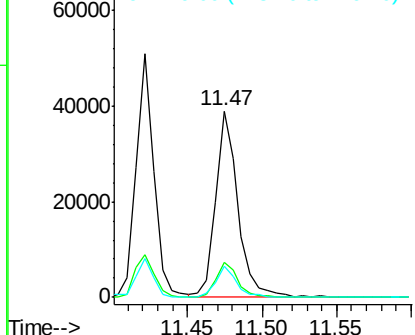
#71
 Anthracene
 Concen: 1.149 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 40693
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 16.8 12.6 19.0

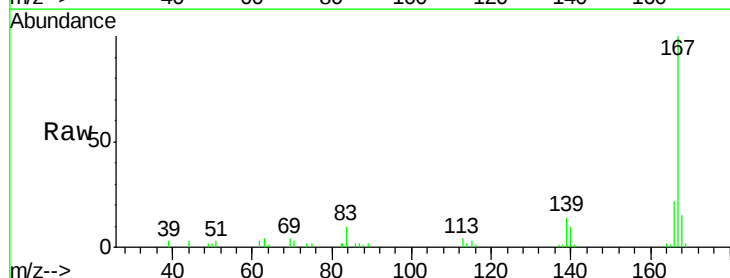


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

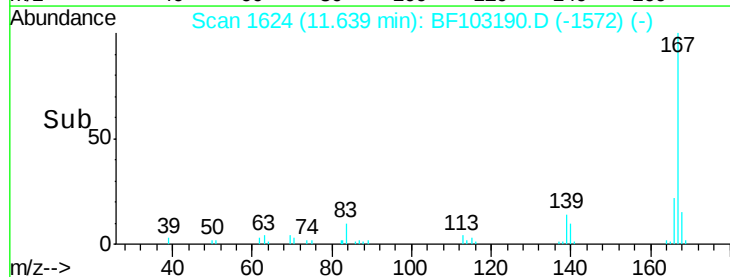
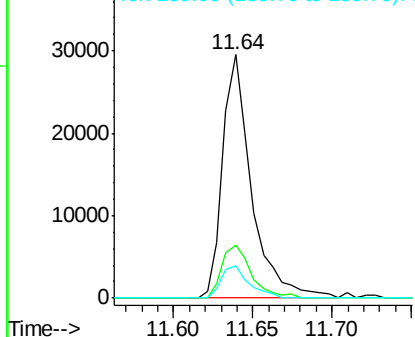


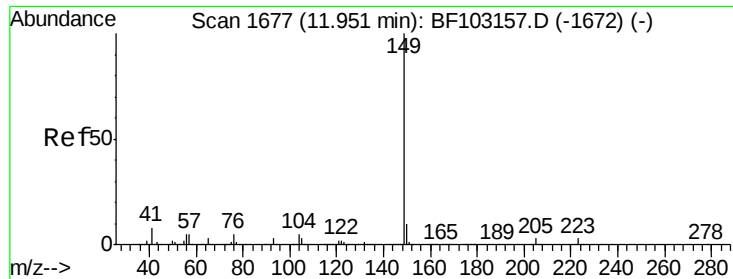
#72
 Carbazole
 Concen: 1.058 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103190.D
 Acq: 23 Feb 2018 11:06

Tgt Ion:167 Resp: 37336
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.5 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: 1.115 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

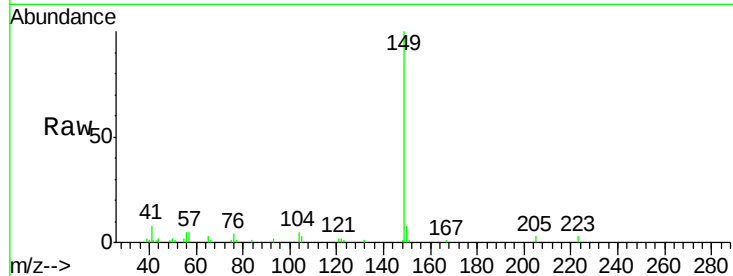
Tot Ion:149 Resp: 49239

Ion Ratio Lower Upper

149 100

150 7.8 7.8 11.6

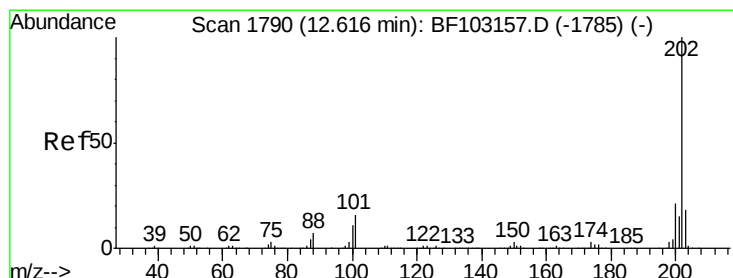
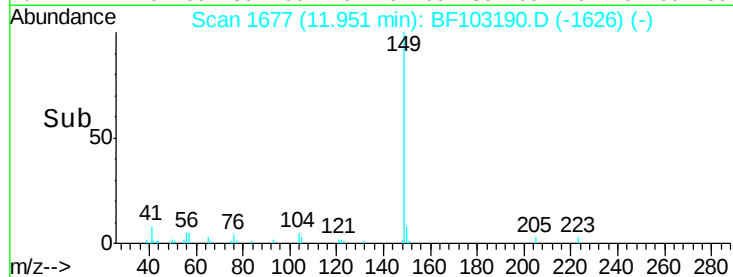
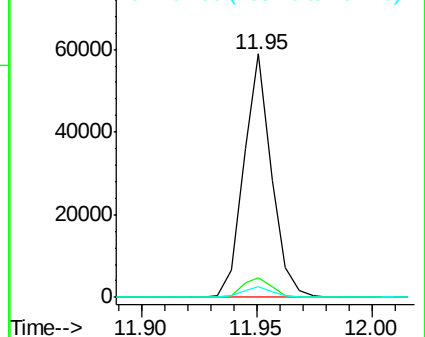
104 4.5 3.8 5.8



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: 1.109 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

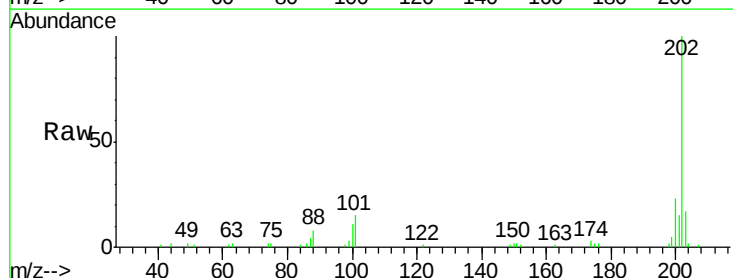
Tgt Ion:202 Resp: 38492

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

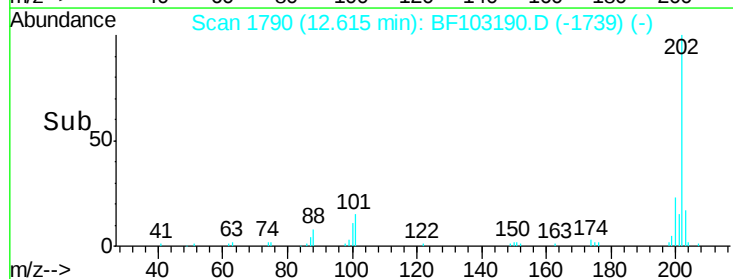
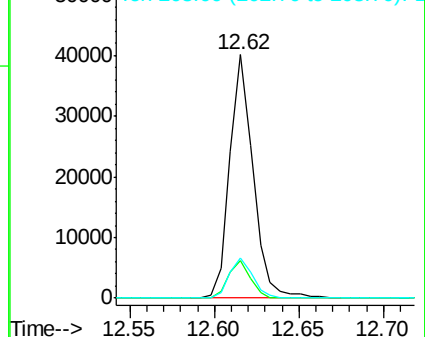
203 16.7 0.0 38.1

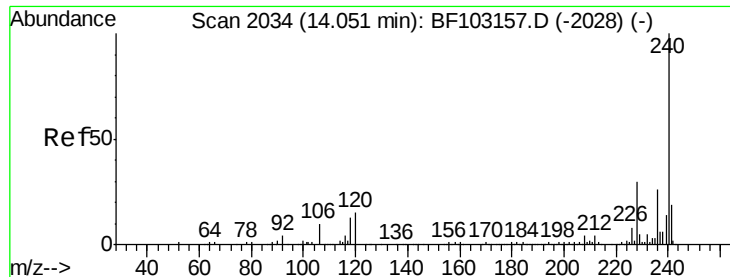


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

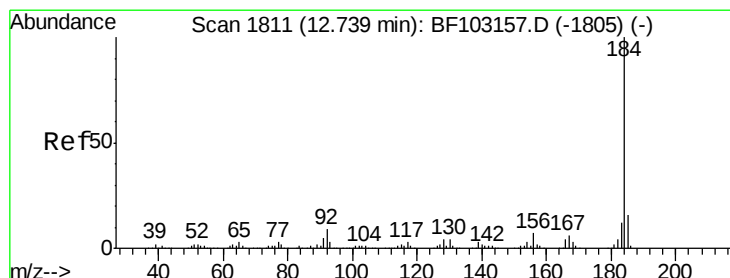
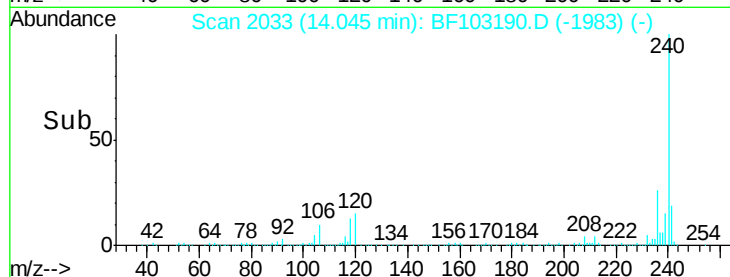
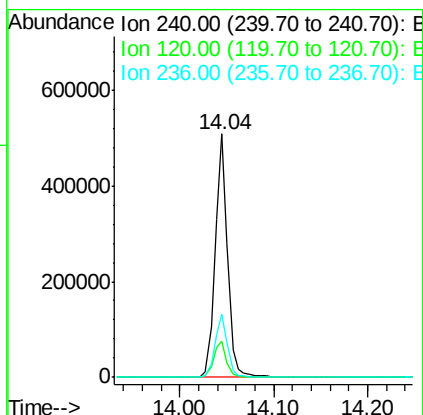
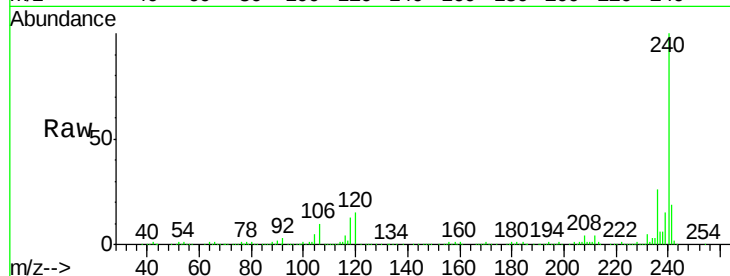




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

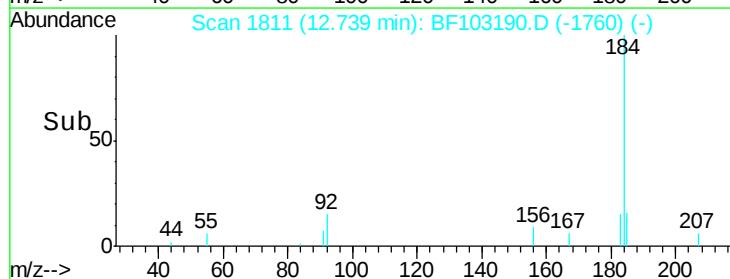
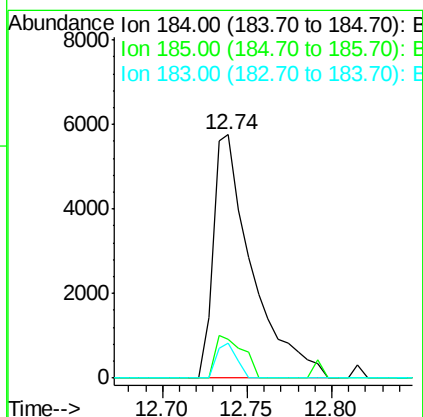
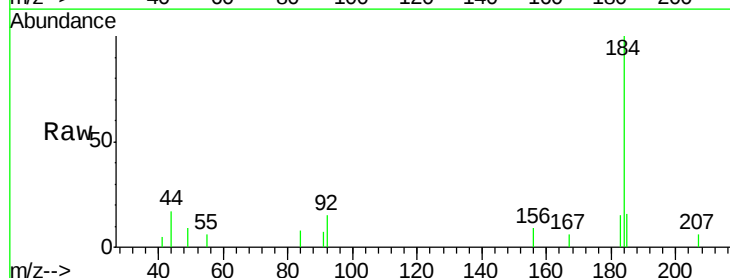
Instrument :
BNA_F
ClientSampleId :

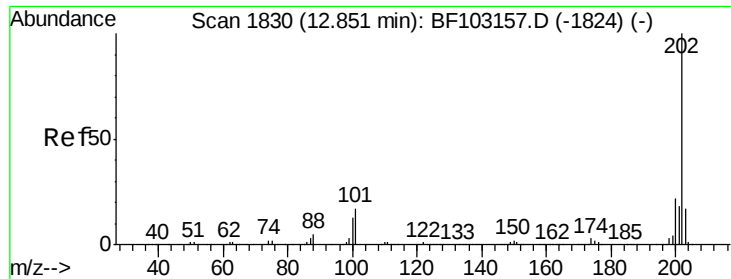
Tot Ion:240 Resp: 473909
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.0 20.7 31.1



#76
Benzidine
Concen: 0.521 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:184 Resp: 9231
Ion Ratio Lower Upper
184 100
185 16.0 12.6 18.8
183 14.6 9.3 13.9#





#77

Pvrene

Concen: 1.141 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

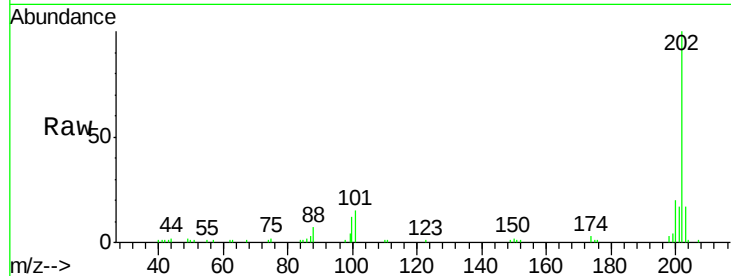
Tot Ion:202 Resp: 42166

Ion Ratio Lower Upper

202 100

200 20.0 17.4 26.2

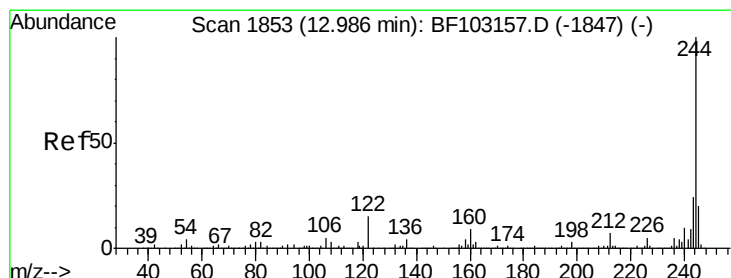
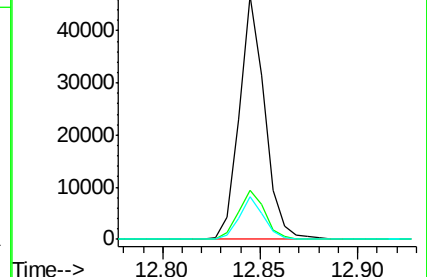
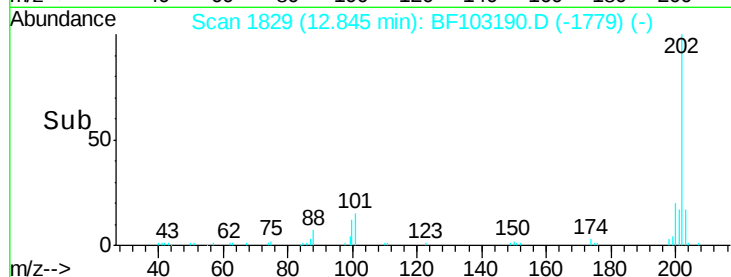
203 17.4 14.3 21.5



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: 73.080 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

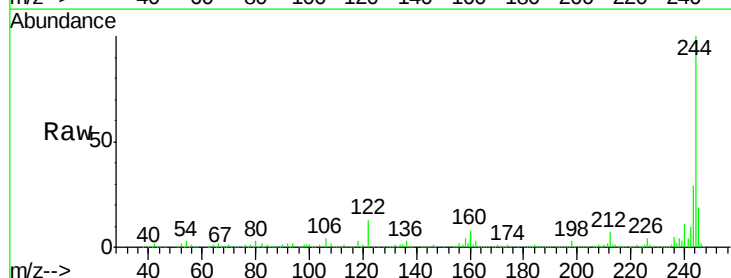
Tgt Ion:244 Resp: 1440734

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

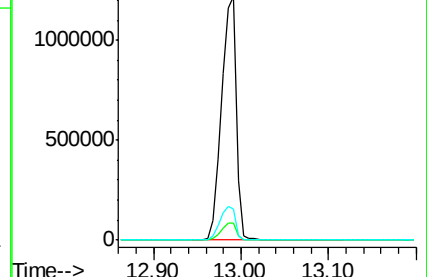
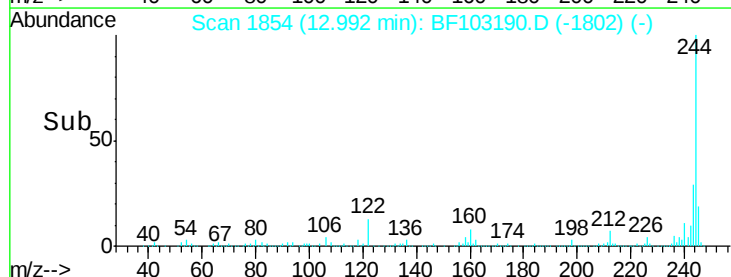
122 12.7 11.0 16.4

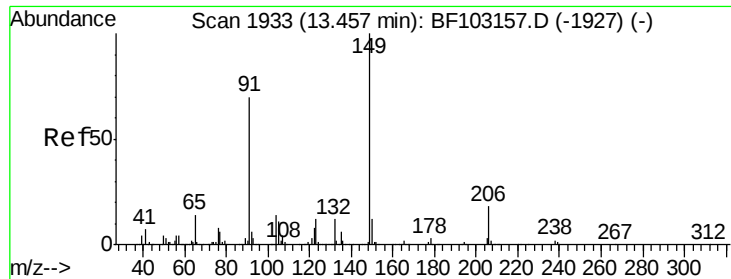


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

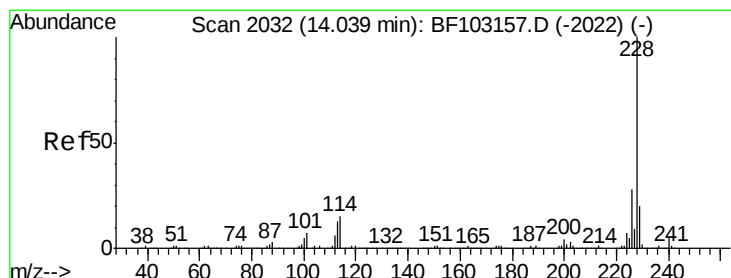
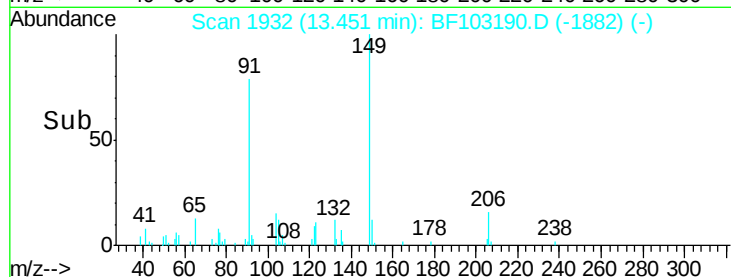
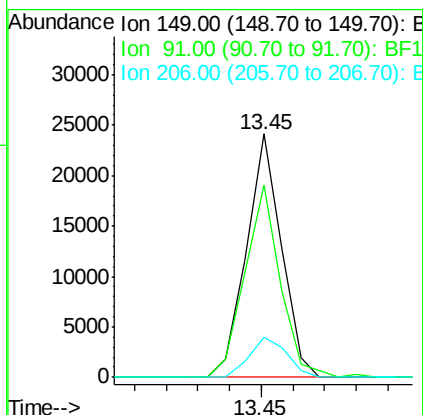
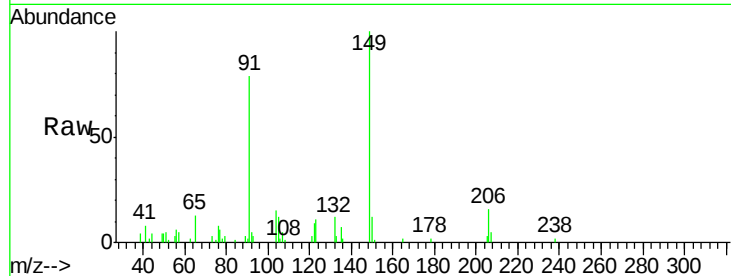




#79
Butylbenzylphthalate
Concen: 0.944 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

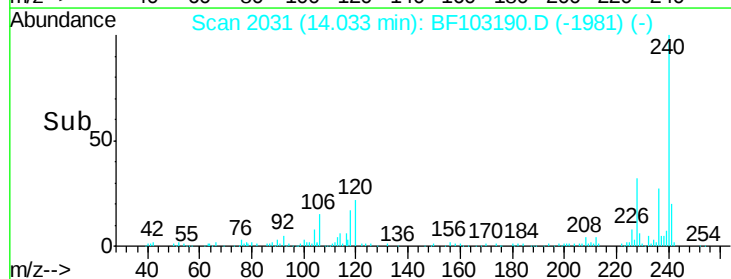
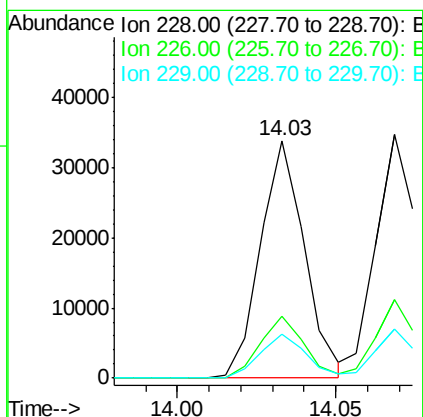
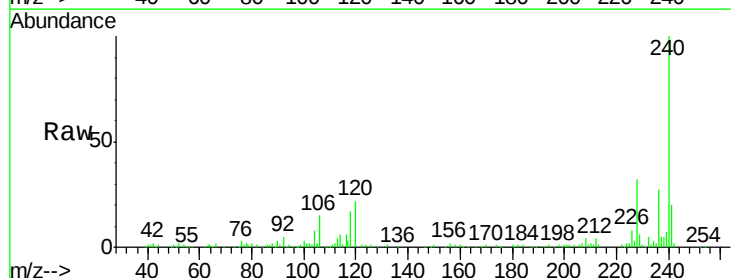
Instrument :
BNA_F
ClientSampleId :

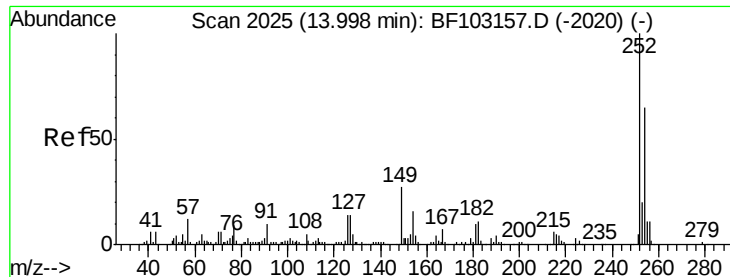
Tot Ion:149 Resp: 18438
Ion Ratio Lower Upper
149 100
91 79.0 56.8 85.2
206 16.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 1.067 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:228 Resp: 32809
Ion Ratio Lower Upper
228 100
226 26.2 22.6 33.8
229 18.5 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 0.935 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

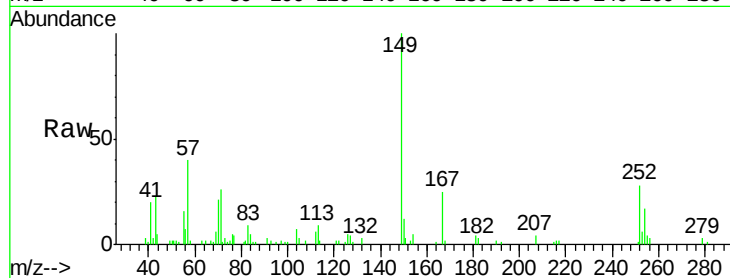
Tot Ion:252 Resp: 10258

Ion Ratio Lower Upper

252 100

254 61.3 50.4 75.6

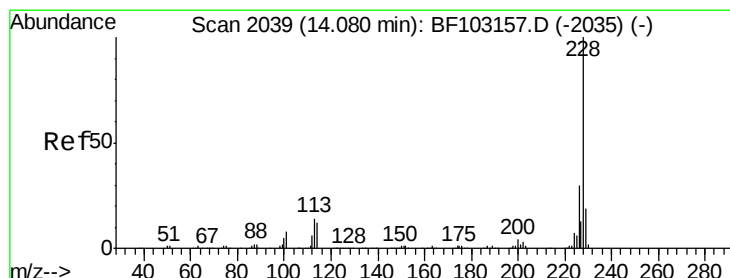
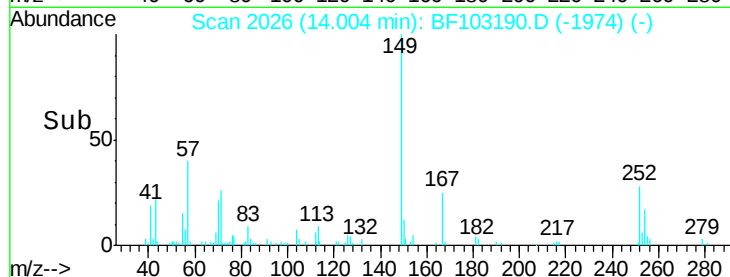
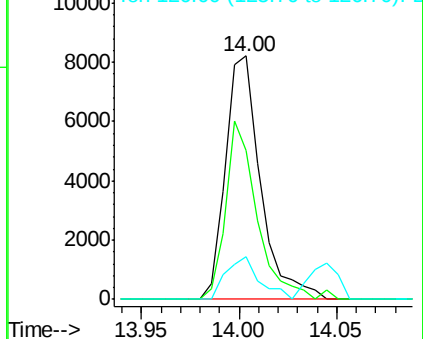
126 17.7 11.3 16.9#



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: 1.107 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

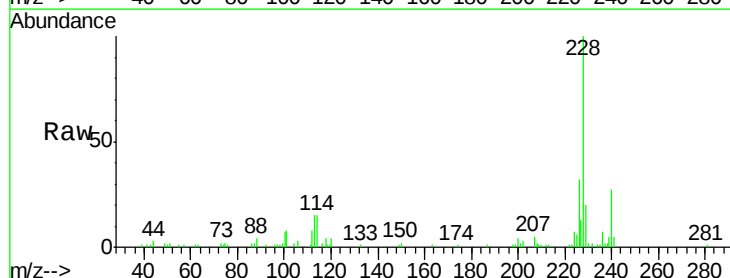
Tgt Ion:228 Resp: 33040

Ion Ratio Lower Upper

228 100

226 32.3 25.0 37.6

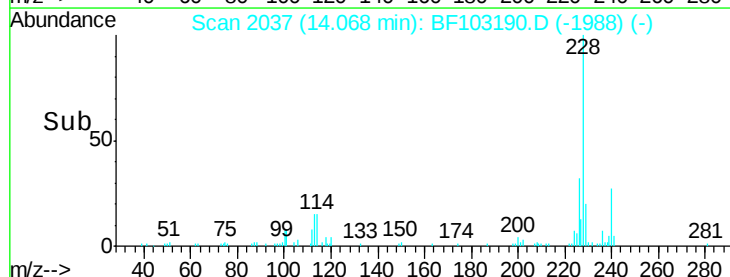
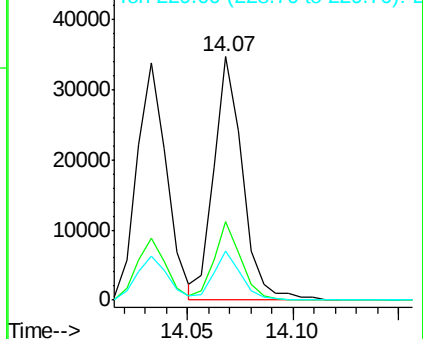
229 20.1 16.2 24.4

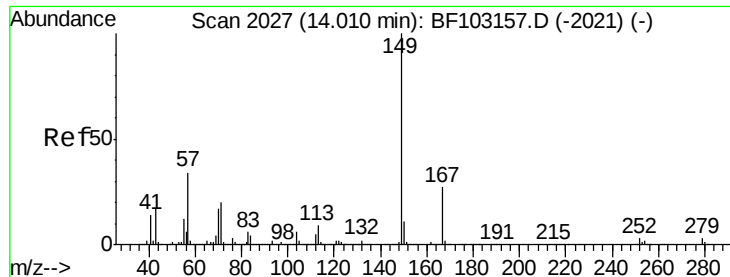


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.068 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

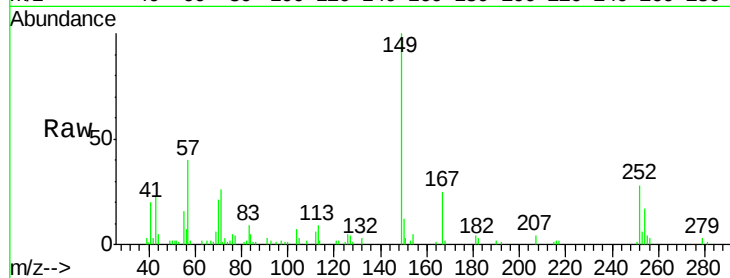
Tot Ion:149 Resp: 28138

Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

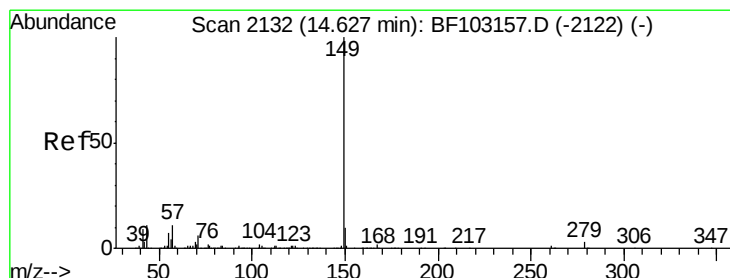
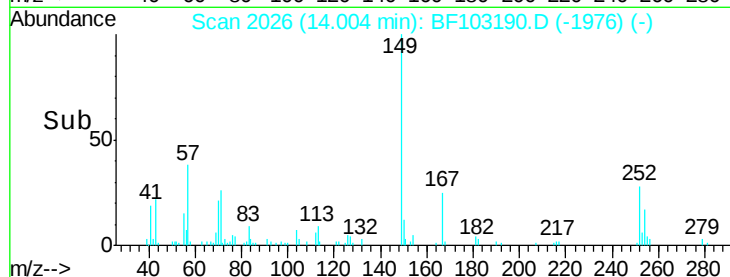
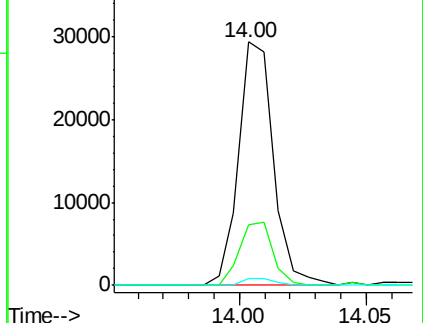
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 1.124 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

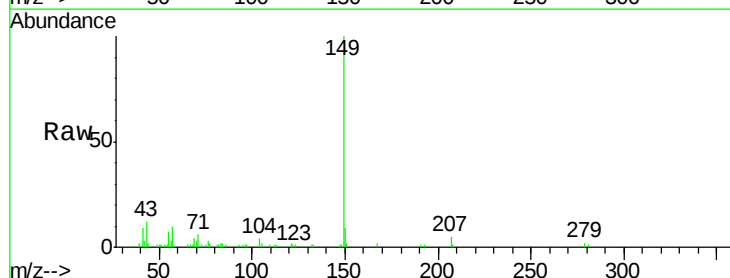
Tgt Ion:149 Resp: 47832

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

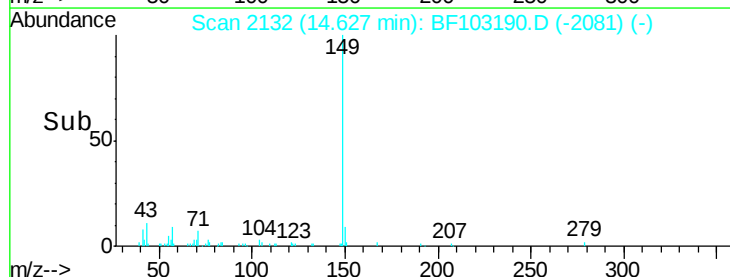
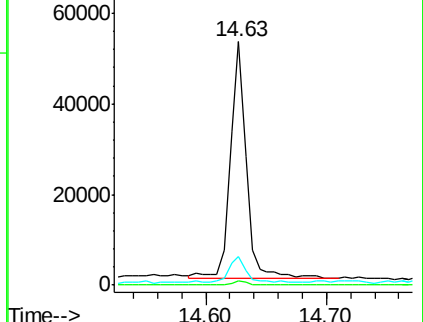
43 12.3 8.4 12.6

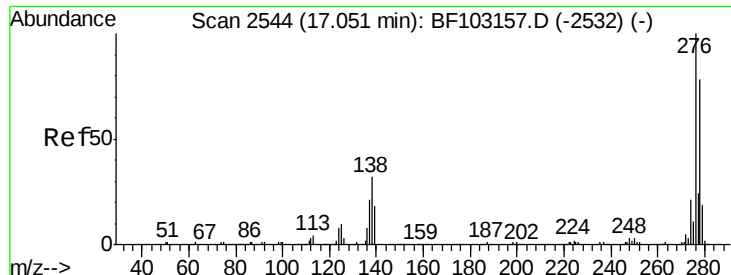


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

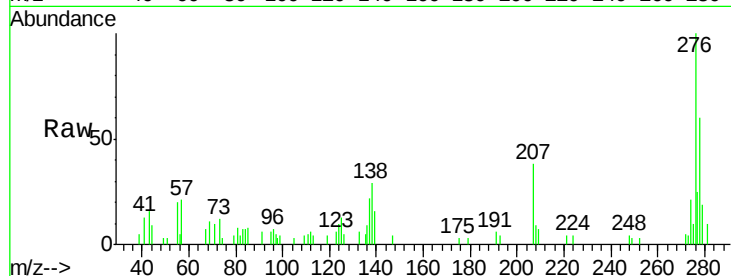




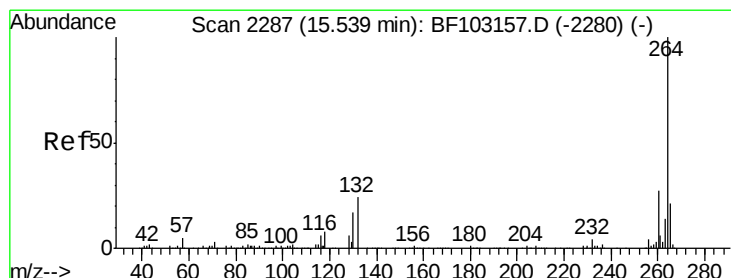
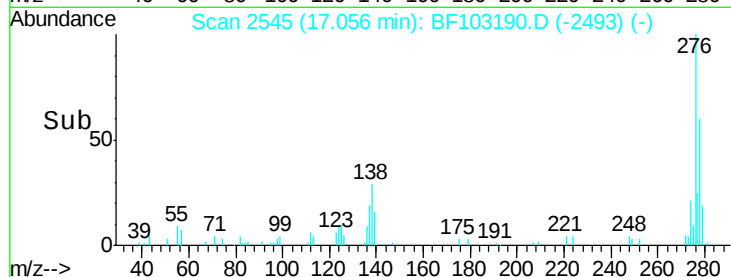
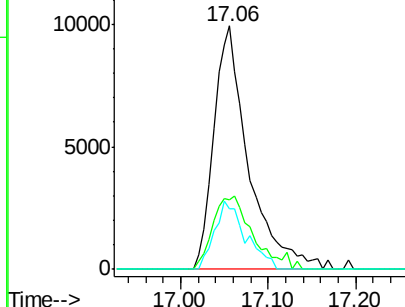
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.149 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 27163
Ion Ratio Lower Upper
276 100
138 34.7 25.0 37.6
277 25.0 20.1 30.1

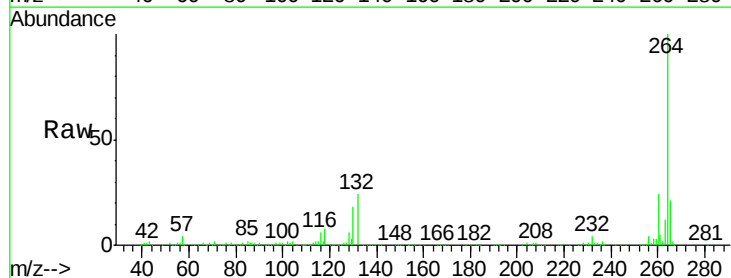


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

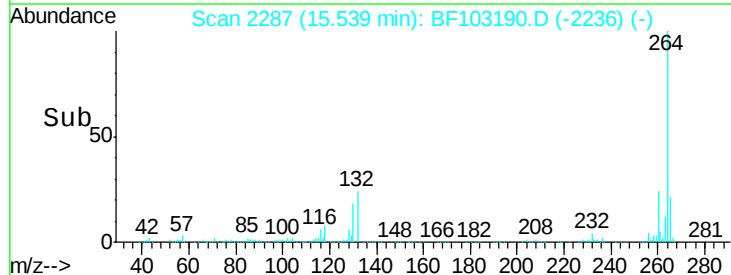
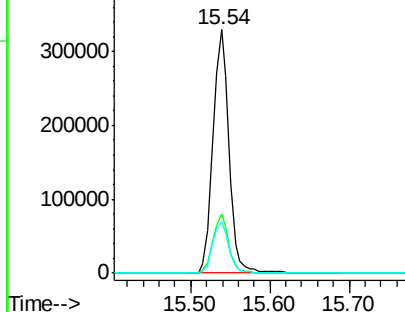


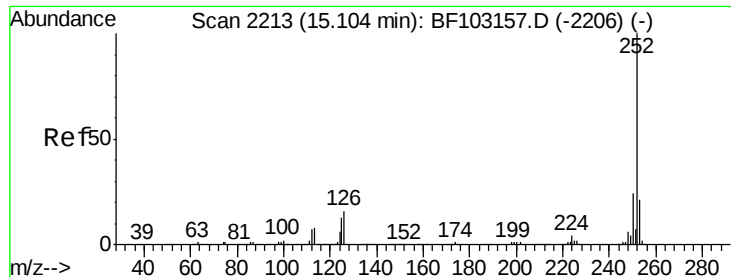
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103190.D
Acq: 23 Feb 2018 11:06

Tgt Ion:264 Resp: 462119
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.982 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.02 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

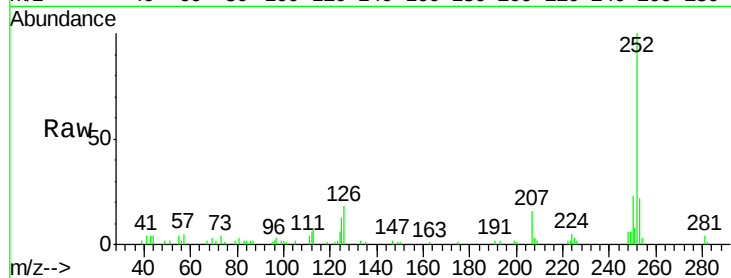
Tot Ion:252 Resp: 29834

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

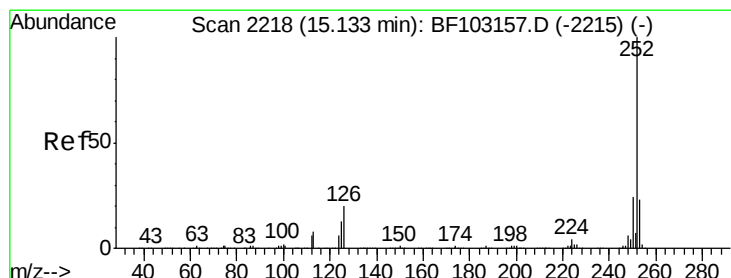
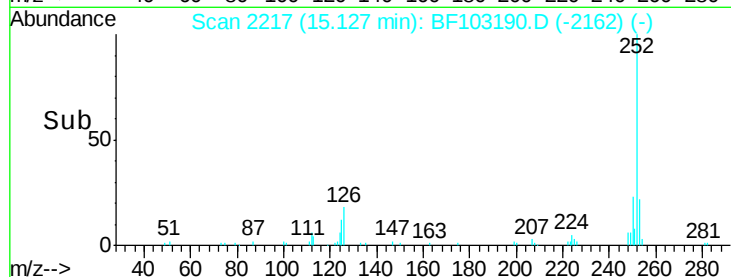
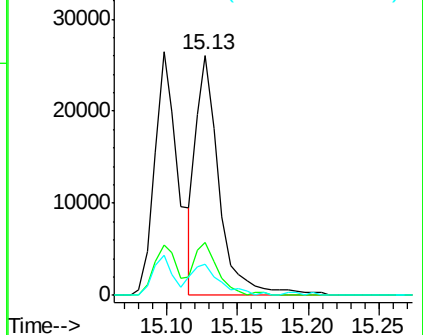
125 13.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.043 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

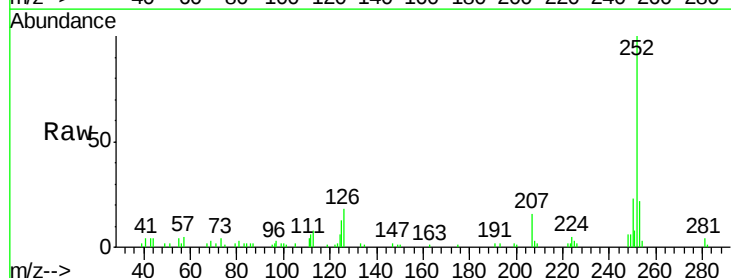
Tgt Ion:252 Resp: 29834

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

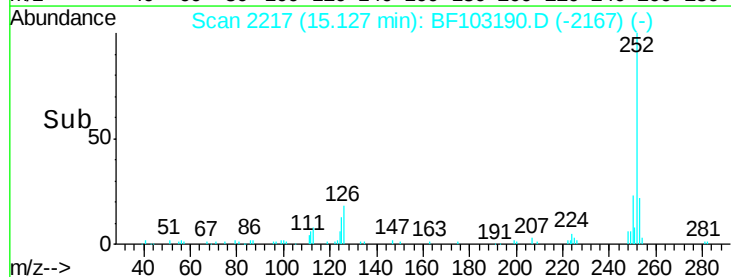
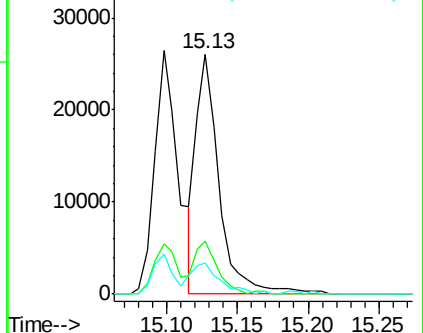
125 13.1 10.2 15.2

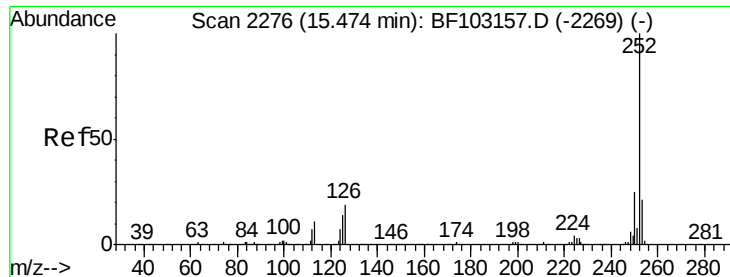


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.004 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

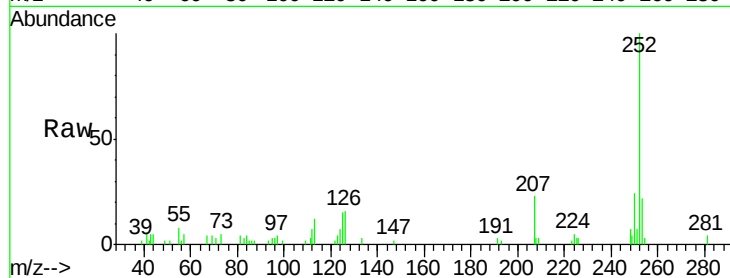
Tot Ion:252 Resp: 27247

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

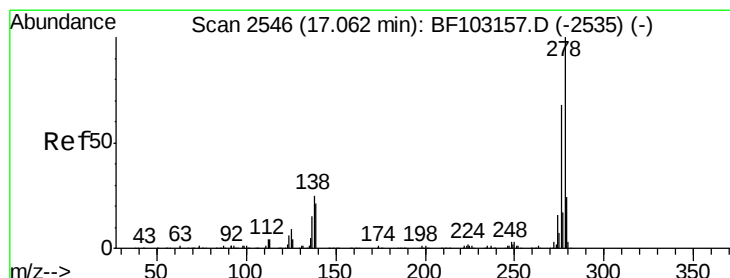
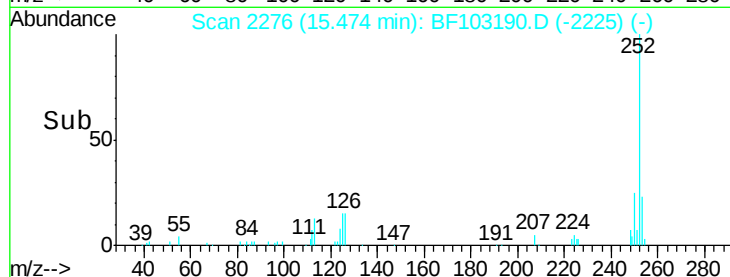
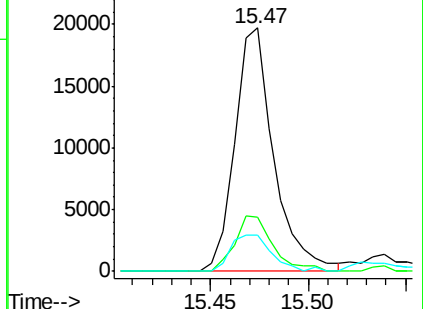
125 14.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 1.030 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

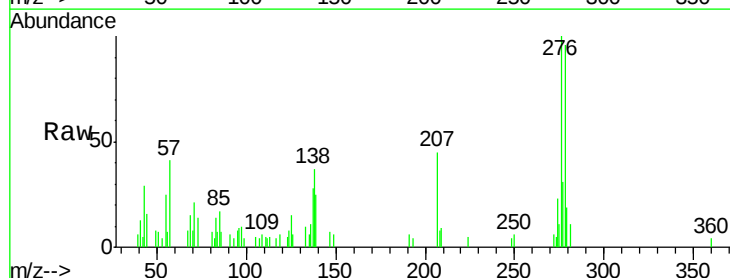
Tgt Ion:278 Resp: 21600

Ion Ratio Lower Upper

278 100

139 25.9 15.9 23.9#

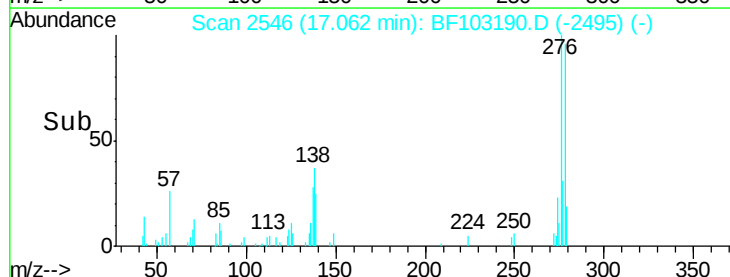
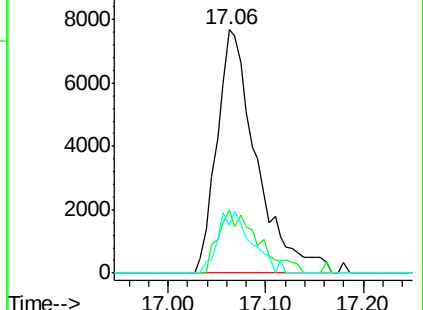
279 19.4 19.0 28.4

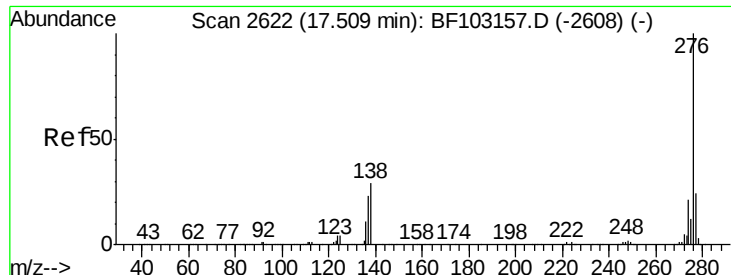


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.046 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BF103190.D

Acq: 23 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

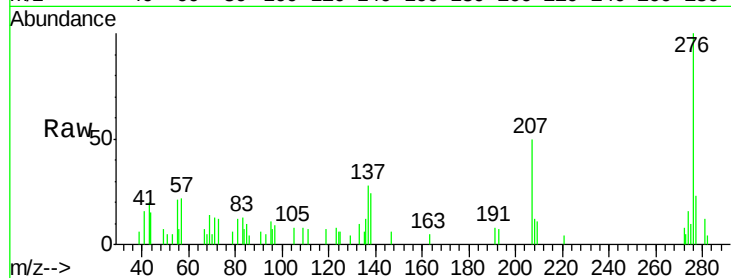
Tot Ion:276 Resp: 21432

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 24.3 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

