

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103199.D
 Acq On : 23 Feb 2018 15:04
 Operator : SJ/JU
 Sample : J1161-09
 Misc : MDL-S-1ppm
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 16:48:34 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	174054	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	764789	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	357392	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	627615	20.00	ng	0.00
75) Chrysene-d12	14.04	240	459352	20.00	ng	0.00
86) Perylene-d12	15.54	264	436532	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1310774	113.90	ng	0.00
7) Phenol-d6	6.50	99	1612543	114.51	ng	0.00
23) Nitrobenzene-d5	7.44	82	1177930	87.96	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	358057	118.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1745936	83.88	ng	0.00
78) Terphenyl-d14	12.99	244	1443881	75.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	5809	0.956	ng	98
4) n-Nitrosodimethylamine	3.49	42	956	0.146	ng	# 38
6) Aniline	6.54	93	20870	1.027	ng	96
8) 2-Chlorophenol	6.66	128	13151	1.100	ng	95
9) Benzaldehyde	6.43	77	7301	0.152	ng	94
10) Phenol	6.52	94	18291	1.119	ng	82
11) bis(2-Chloroethyl)ether	6.60	93	14081	1.135	ng	94
12) 1,3-Dichlorobenzene	6.81	146	15124	1.107	ng	98
13) 1,4-Dichlorobenzene	6.89	146	15403	1.125	ng	98
14) 1,2-Dichlorobenzene	7.04	146	15011	1.189	ng	95
15) Benzyl Alcohol	7.03	79	26452	2.493	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	7.14	45	23503	1.103	ng	93
17) 2-Methylphenol	7.12	107	12236	1.126	ng	92
18) Hexachloroethane	7.38	117	5530	1.109	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	10551	1.204	ng	# 88
20) 3+4-Methylphenols	7.29	107	15646	1.181	ng	# 85
22) Acetophenone	7.27	105	22491	1.260	ng	# 93
24) Nitrobenzene	7.45	77	19148	1.299	ng	97
25) Isophorone	7.44	82	1177916	44.660	ng	# 64
26) 2-Nitrophenol	7.77	139	6062	0.873	ng	# 89
27) 2,4-Dimethylphenol	7.81	122	9962	0.939	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	15981	1.031	ng	99
29) 2,4-Dichlorophenol	8.04	162	9471	0.932	ng	91
30) 1,2,4-Trichlorobenzene	8.09	180	11130	1.029	ng	94
31) Naphthalene	8.17	128	43694	1.167	ng	97
32) Benzoic acid	7.92	122	1256	7.050	ng	# 56
33) 4-Chloroaniline	8.23	127	15644	0.968	ng	94
34) Hexachlorobutadiene	8.29	225	6342	1.126	ng	98
35) Caprolactam	8.57	113	2538	0.711	ng	# 74
36) 4-Chloro-3-methylphenol	8.71	107	11567	1.010	ng	96
37) 2-Methylnaphthalene	8.87	142	28050	1.159	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	11002	1.126	ng	96
42) 2,4,6-Trichlorophenol	9.15	196	6047	0.920	ng	91
43) 2,4,5-Trichlorophenol	9.20	196	5831	0.771	ng	93

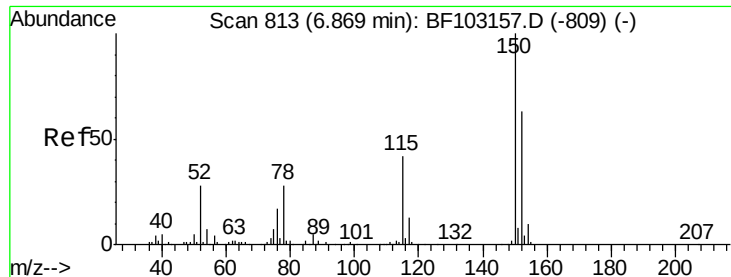
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103199.D
 Acq On : 23 Feb 2018 15:04
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 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.33	154	39936	1.334	nq	96
46) 2-Chloronaphthalene	9.36	162	26341	1.112	nq	99
47) 2-Nitroaniline	9.46	65	7805	0.889	nq	86
48) Acenaphthylene	9.77	152	40047	1.099	nq	99
49) Dimethylphthalate	9.62	163	30575	1.066	nq	99
50) 2,6-Dinitrotoluene	9.69	165	5358	0.891	nq	96
51) Acenaphthene	9.94	154	24801	1.167	nq	98
52) 3-Nitroaniline	9.87	138	6566	0.860	nq	93
54) Dibenzofuran	10.12	168	35589	1.220	nq	95
55) 4-Nitrophenol	10.12	139	16792	3.549	nq #	13
56) 2,4-Dinitrotoluene	10.10	165	6264	0.823	nq #	87
57) Fluorene	10.46	166	28464	1.145	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	5039	0.992	nq #	92
59) Diethylphthalate	10.32	149	31496	1.149	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	12468	1.183	nq	95
61) 4-Nitroaniline	10.49	138	5647	0.741	nq	90
62) Azobenzene	10.61	77	31613	1.133	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	901	5.157	nq #	48
65) n-Nitrosodiphenylamine	10.56	169	25460	1.165	nq	94
66) 4-Bromophenyl-phenylether	10.94	248	7044	1.077	nq	88
67) Hexachlorobenzene	11.00	284	7403	1.043	nq	95
68) Atrazine	11.09	200	5985	0.911	nq	88
69) Pentachlorophenol	11.22	266	556	0.162	nq	92
70) Phenanthrene	11.42	178	41712	1.208	nq	96
71) Anthracene	11.47	178	39834	1.125	nq	99
72) Carbazole	11.64	167	37432	1.061	nq	99
73) Di-n-butylphthalate	11.95	149	48410	1.097	nq	98
74) Fluoranthene	12.62	202	39152	1.128	nq	98
76) Benzidine	12.74	184	8012	0.467	nq #	93
77) Pyrene	12.84	202	40618	1.134	nq	100
79) Butylbenzylphthalate	13.45	149	16996	0.898	nq	97
80) Benzo(a)anthracene	14.07	228	32253	1.082	nq	97
81) 3,3'-Dichlorobenzidine	14.00	252	9732	0.915	nq	98
82) Chrysene	14.07	228	32253	1.115	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	26399	1.034	nq #	99
84) Di-n-octyl phthalate	14.63	149	39682	0.962	nq #	92
85) Indeno(1,2,3-cd)pyrene	17.06	276	24877	1.086	nq	99
87) Benzo(b)fluoranthene	15.13	252	30319	1.056	nq	97
88) Benzo(k)fluoranthene	15.13	252	30319	1.122	nq	99
89) Benzo(a)pyrene	15.47	252	25766	1.005	nq #	94
90) Dibenzo(a,h)anthracene	17.07	278	20153	1.018	nq #	93
91) Benzo(g,h,i)perylene	17.52	276	19693	1.017	nq #	76

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

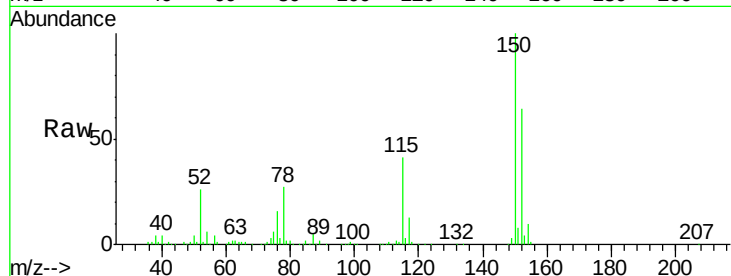


#1

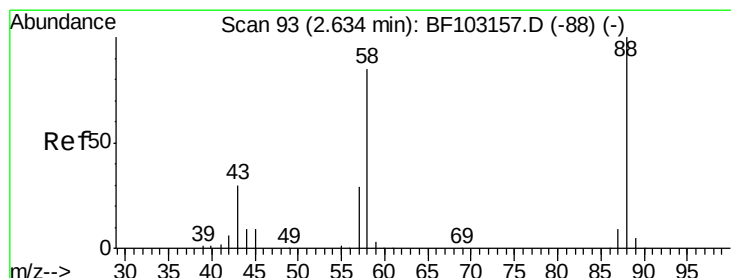
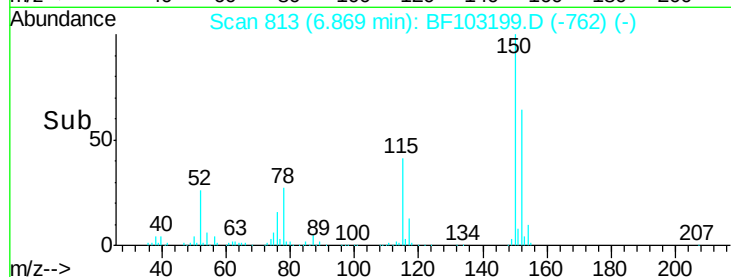
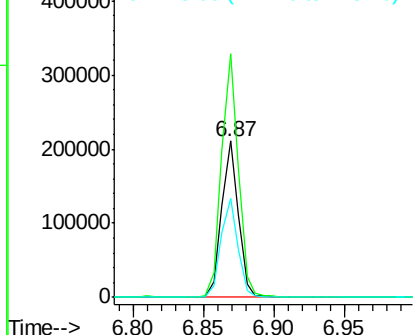
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174054
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 63.8 50.1 75.1



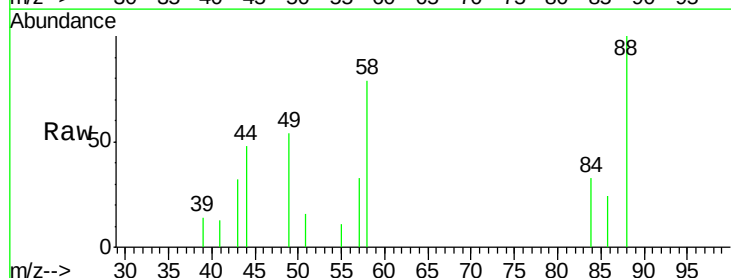
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



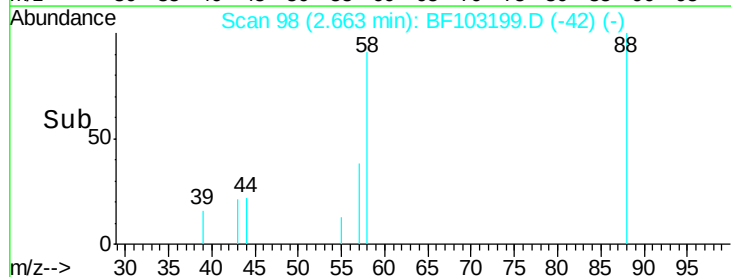
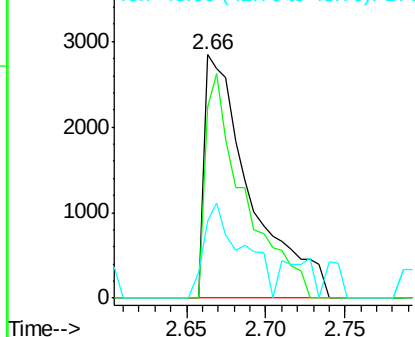
#2

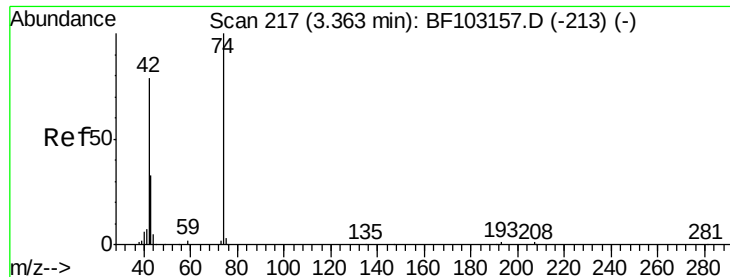
1,4-Dioxane
Concen: 0.956 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion: 88 Resp: 5809
Ion Ratio Lower Upper
88 100
58 77.3 62.6 93.8
43 32.3 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





#4

n-Nitrosodimethylamine

Concen: 0.146 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.13 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampled :

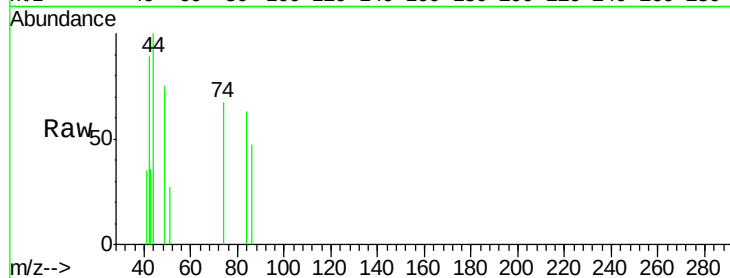
Tot Ion: 42 Resp: 956

Ion Ratio Lower Upper

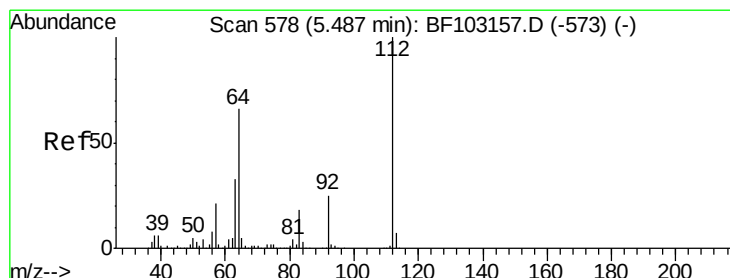
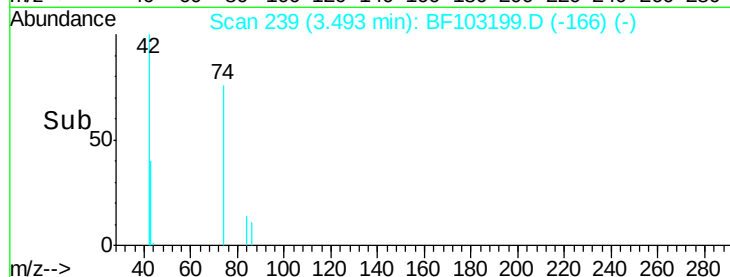
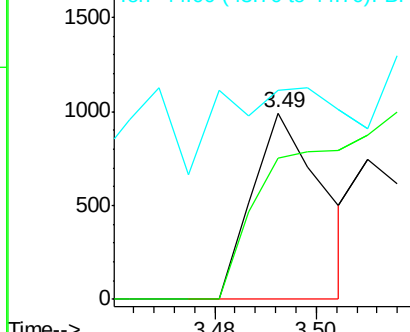
42 100

74 75.8 104.9 157.3#

44 112.5 6.9 10.3#



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



#5

2-Fluorophenol

Concen: 113.899 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

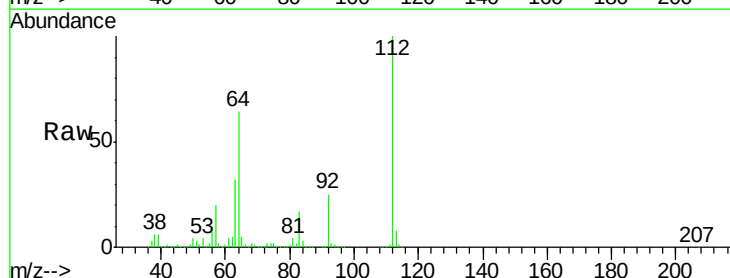
Tgt Ion: 112 Resp: 1310774

Ion Ratio Lower Upper

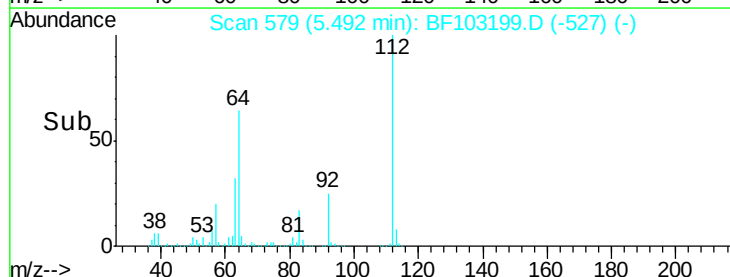
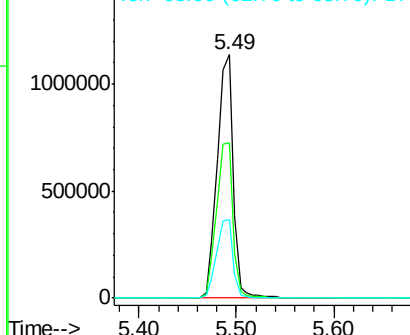
112 100

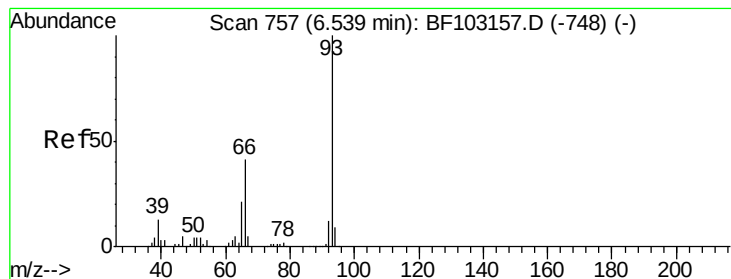
64 63.8 47.9 71.9

63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 1.027 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

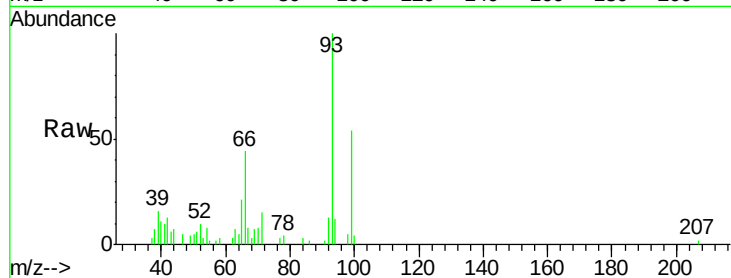
Tot Ion: 93 Resp: 20870

Ion Ratio Lower Upper

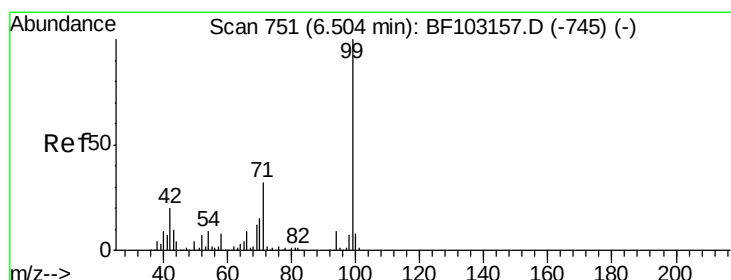
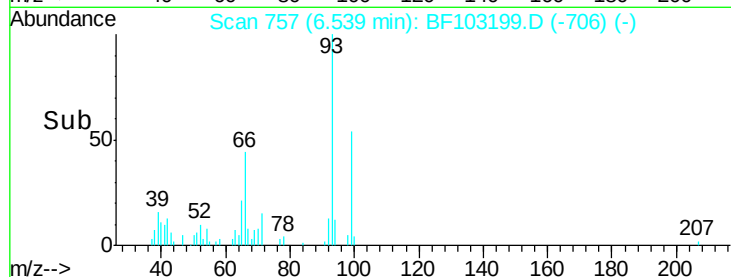
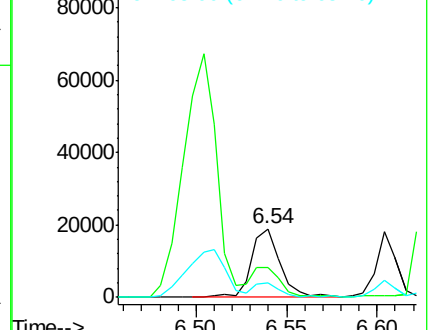
93 100

66 43.9 32.2 48.2

65 21.0 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: 114.510 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

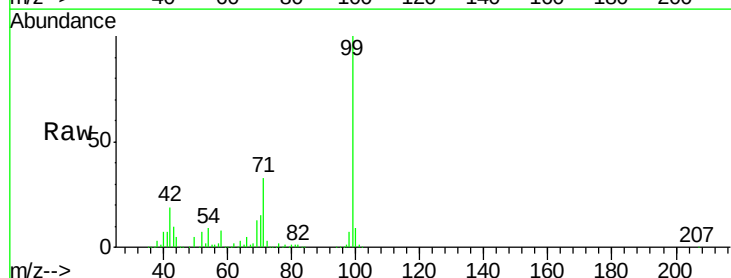
Tgt Ion: 99 Resp: 1612543

Ion Ratio Lower Upper

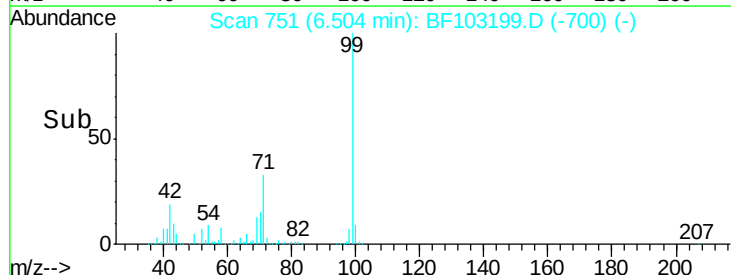
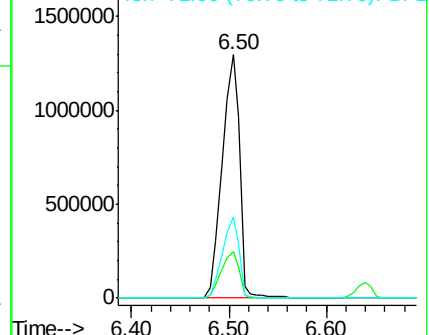
99 100

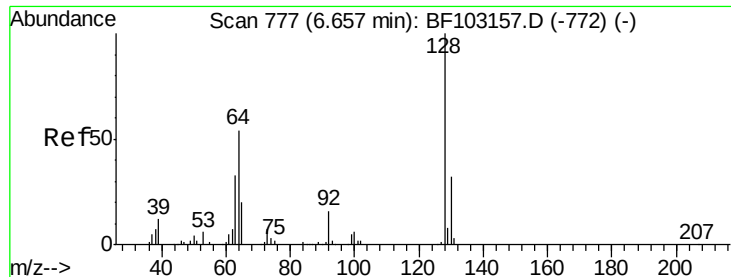
42 19.3 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 1.100 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

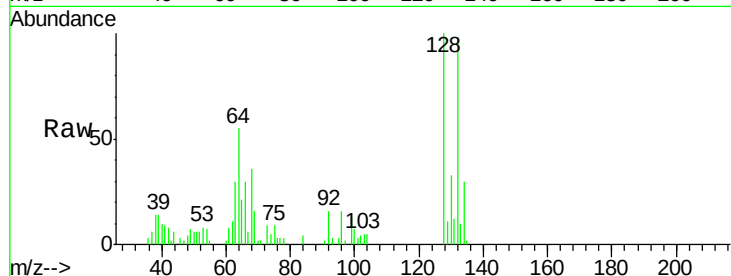
Tot Ion:128 Resp: 13151

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

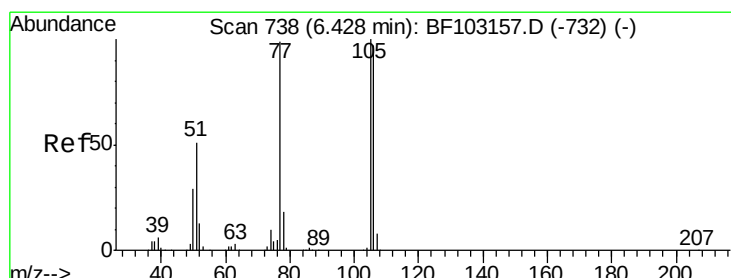
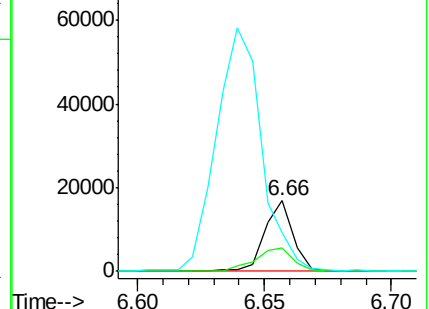
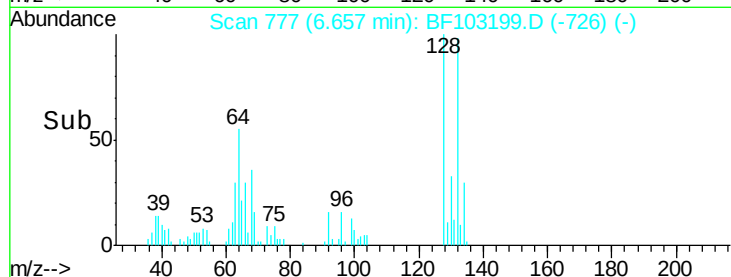
64 55.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.152 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

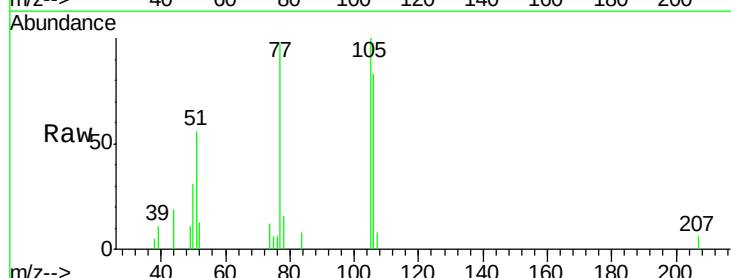
Tgt Ion: 77 Resp: 7301

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

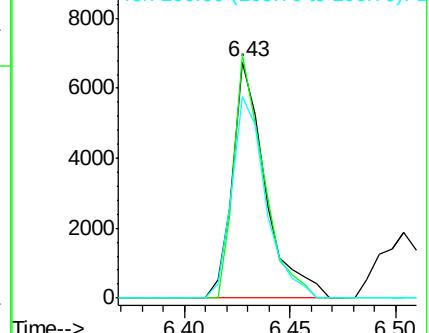
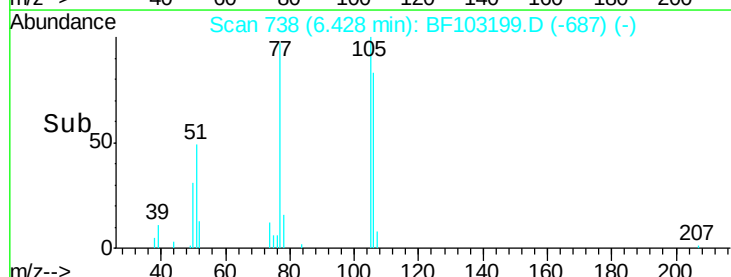
106 85.0 74.5 114.5

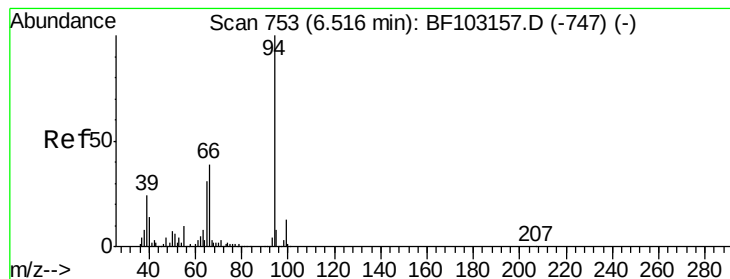


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.119 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

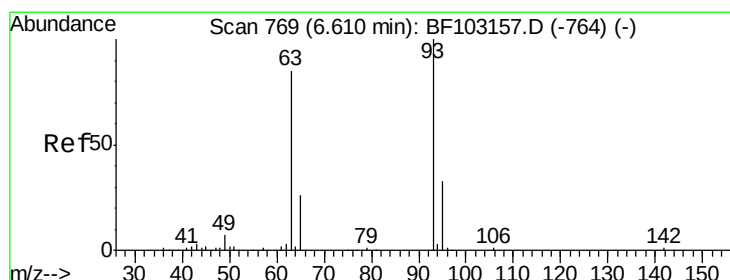
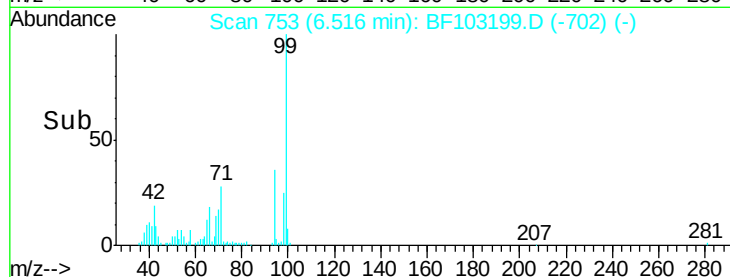
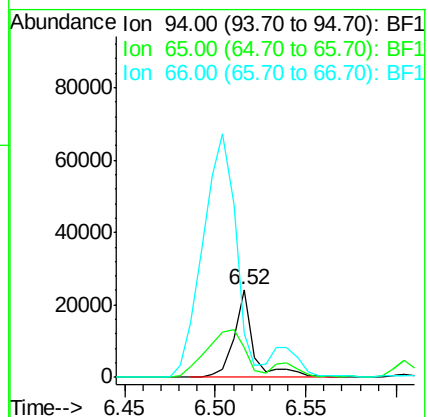
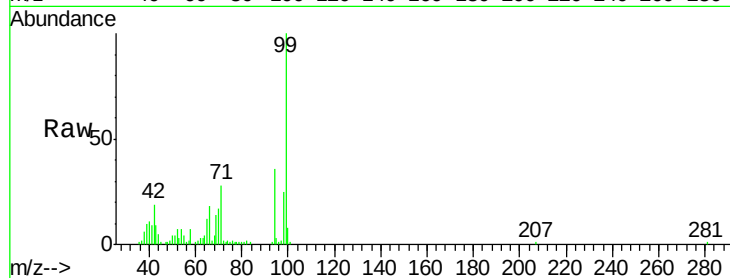
Tot Ion: 94 Resp: 18291

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

66 50.0 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 1.135 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

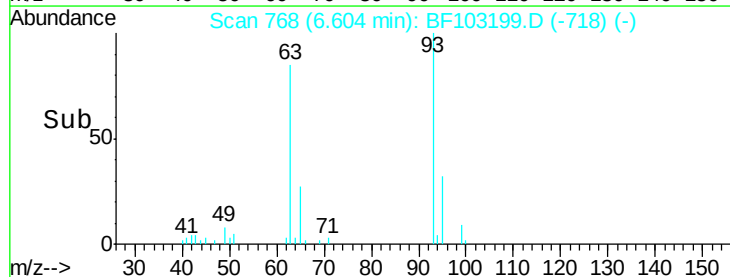
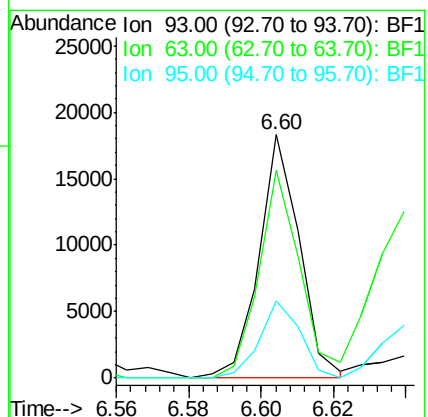
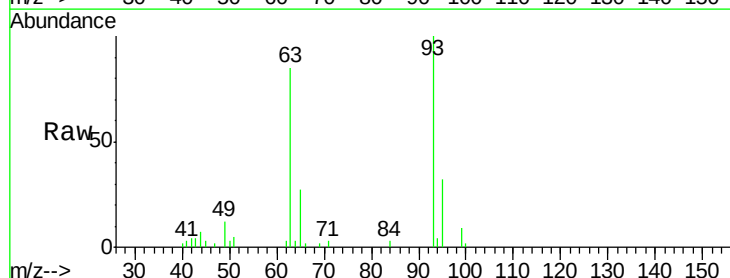
Tgt Ion: 93 Resp: 14081

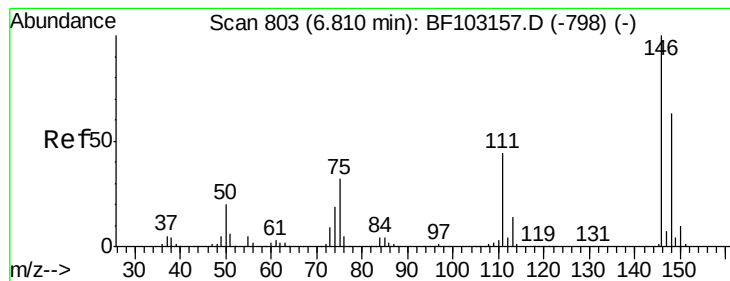
Ion Ratio Lower Upper

93 100

63 85.4 58.6 98.6

95 31.9 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 1.107 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampled :

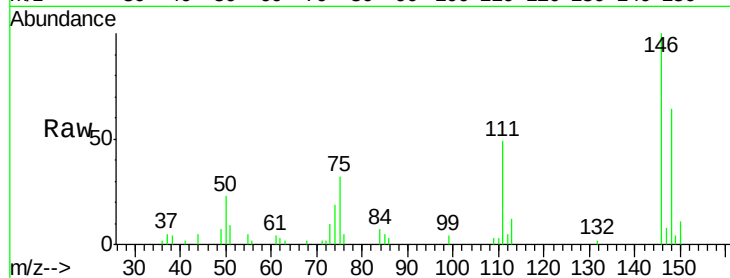
Tot Ion:146 Resp: 15124

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

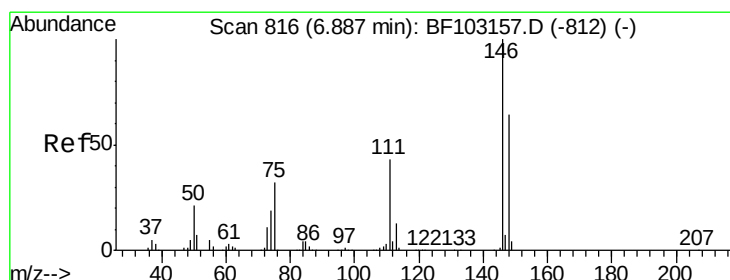
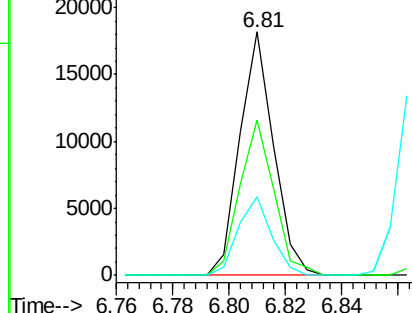
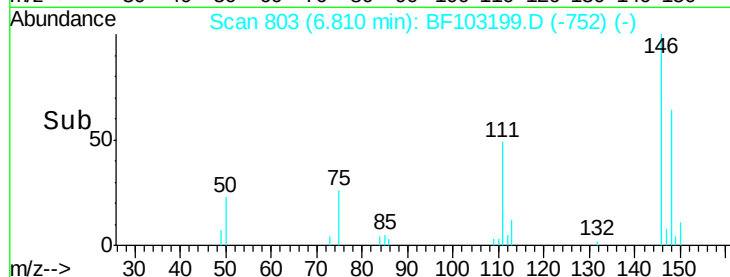
75 32.2 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 1.125 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

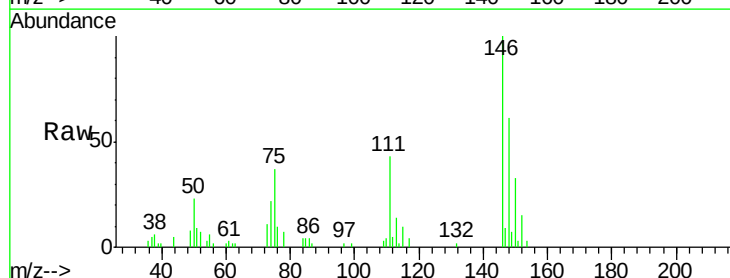
Tgt Ion:146 Resp: 15403

Ion Ratio Lower Upper

146 100

148 61.2 50.8 76.2

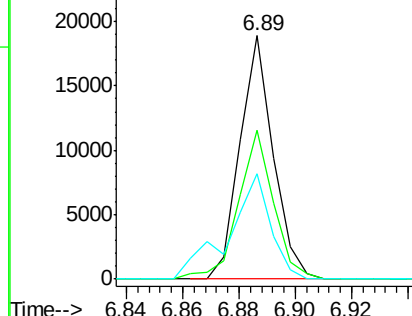
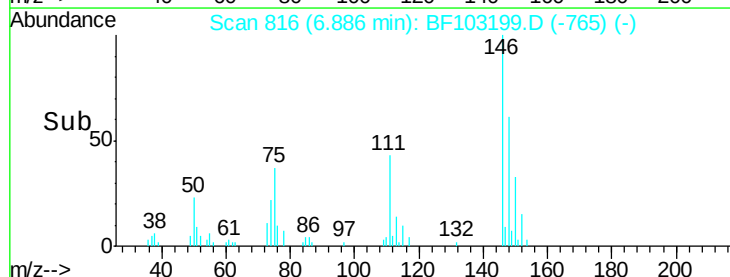
111 43.3 34.2 51.2

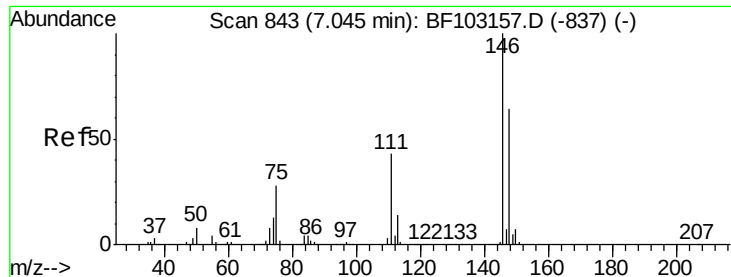


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

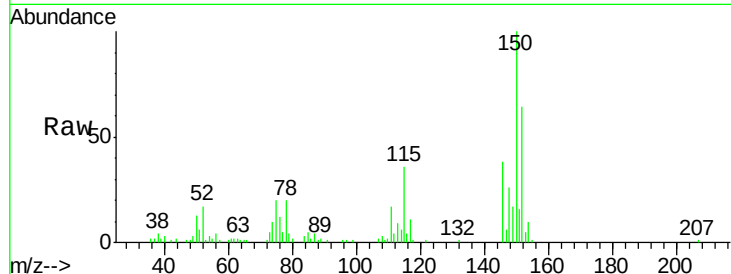




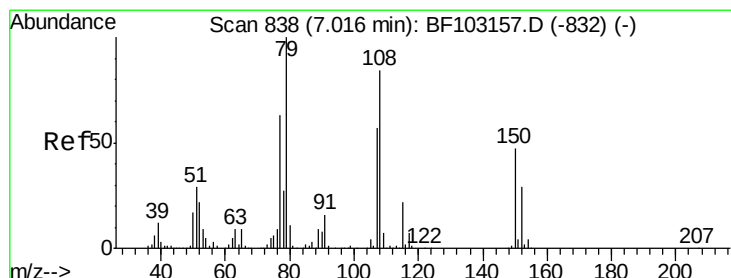
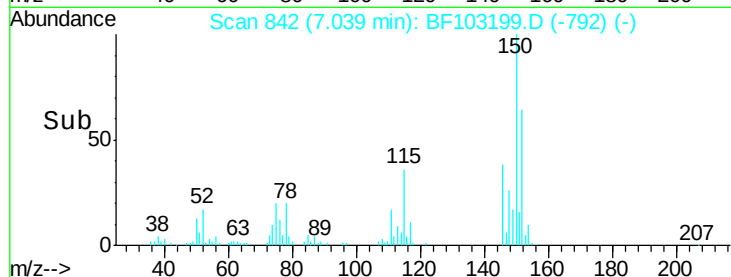
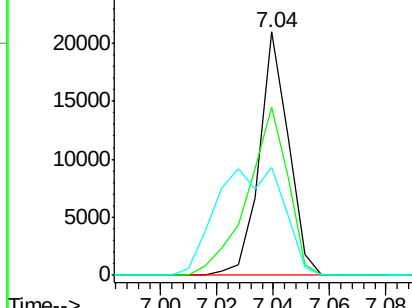
#14
1,2-Dichlorobenzene
Concen: 1.189 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 15011
Ion Ratio Lower Upper
146 100
148 69.1 50.6 75.8
111 44.4 36.0 54.0

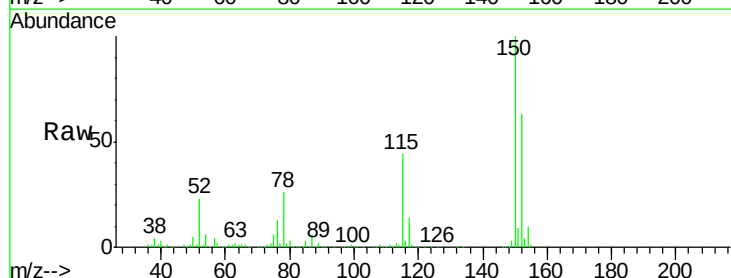


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

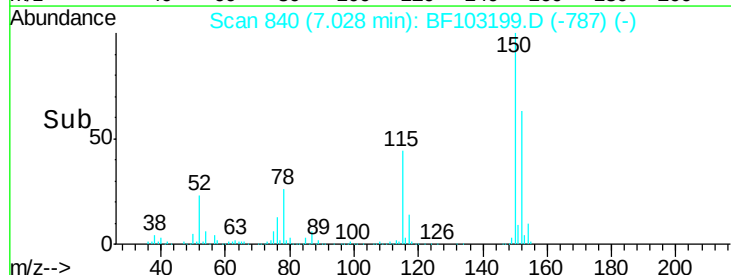
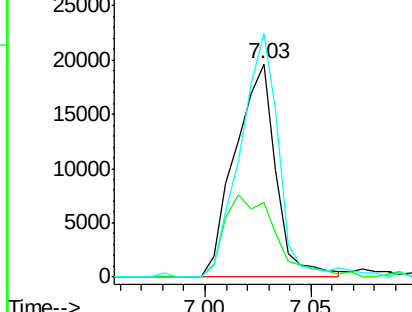


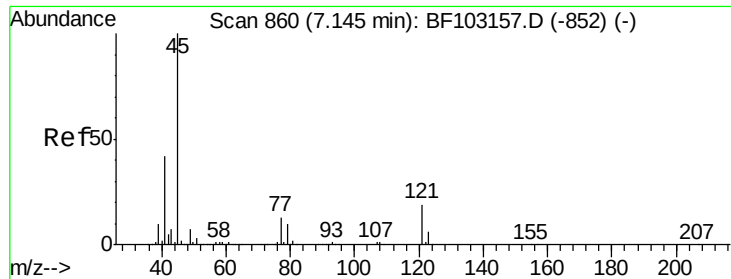
#15
Benzyl Alcohol
Concen: 2.493 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion: 79 Resp: 26452
Ion Ratio Lower Upper
79 100
108 34.8 65.1 97.7#
77 114.2 50.6 75.8#



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

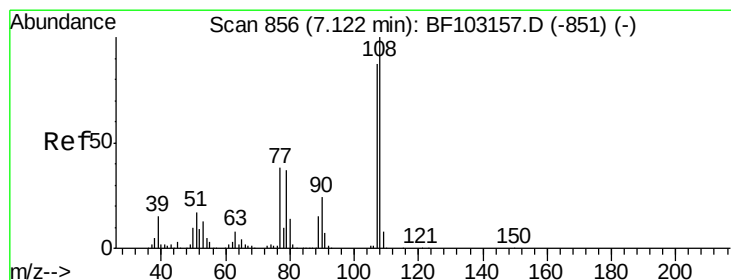
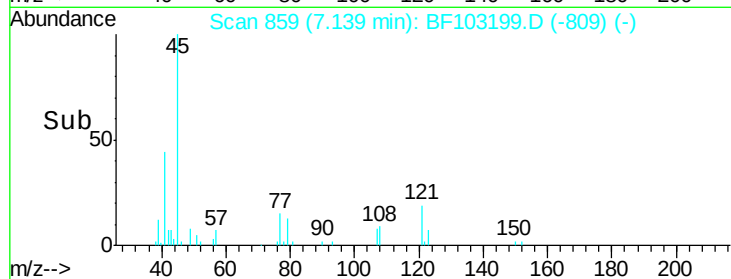
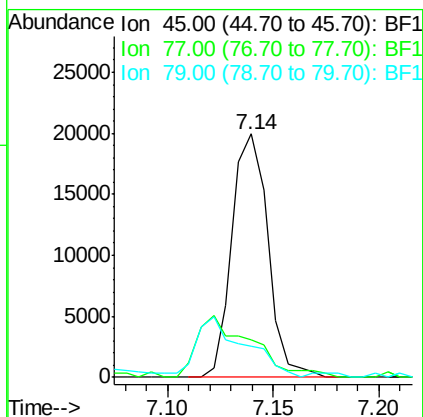
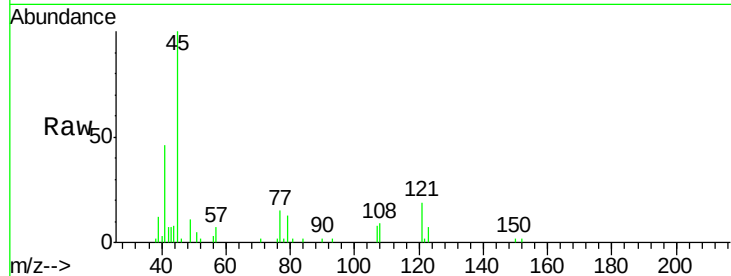




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 1.103 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

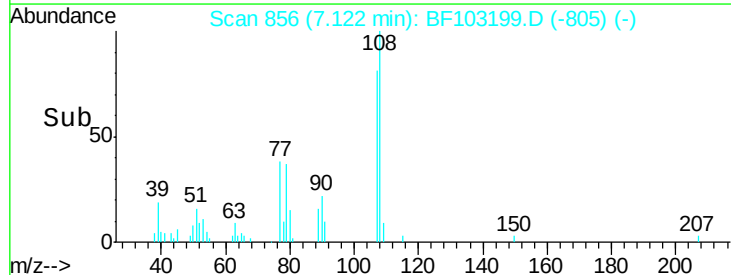
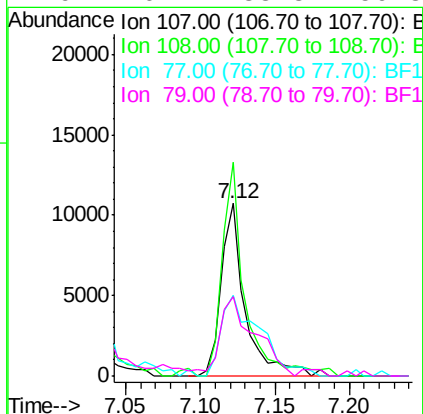
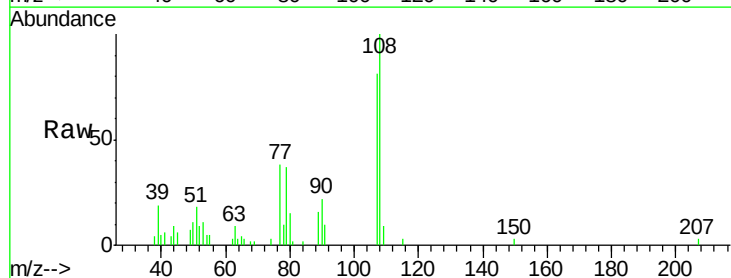
Instrument :
BNA_F
ClientSampleId :

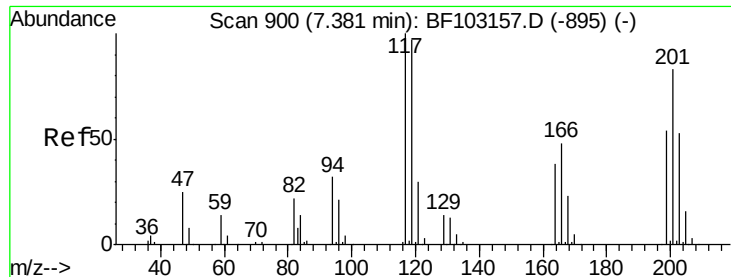
Tot Ion: 45 Resp: 23503
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 12.9 0.0 29.6



#17
2-Methylphenol
Concen: 1.126 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion: 107 Resp: 12236
Ion Ratio Lower Upper
107 100
108 123.8 91.7 137.5
77 47.1 33.8 50.8
79 46.1 33.8 50.8

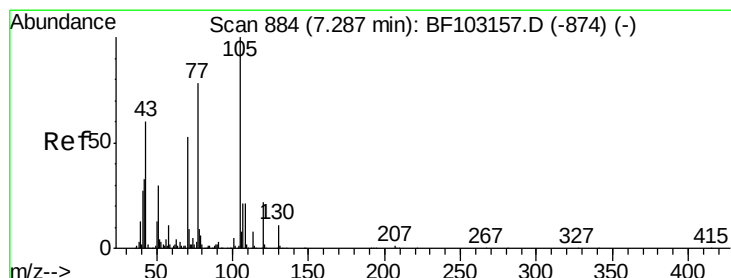
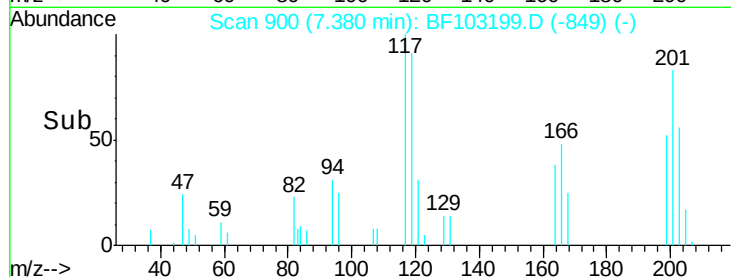
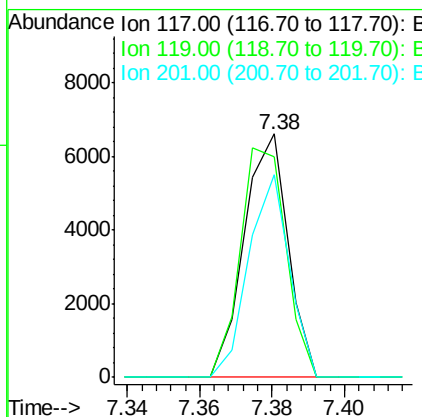
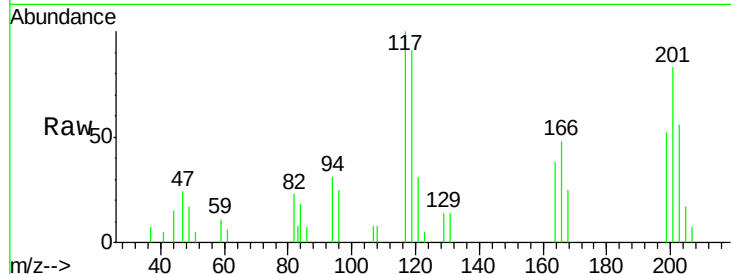




#18
Hexachloroethane
Concen: 1.109 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

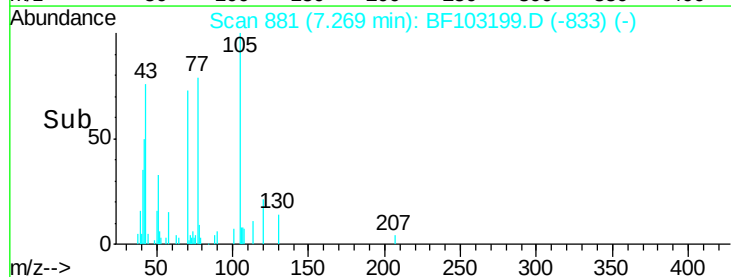
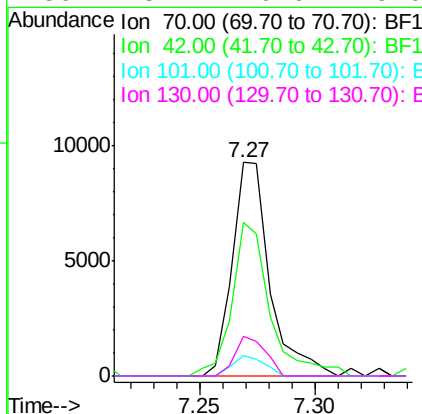
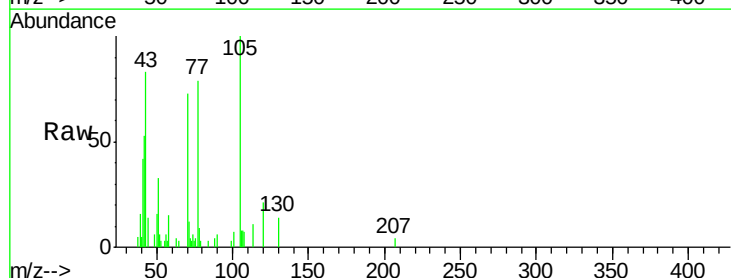
Instrument :
BNA_F
ClientSampleId :

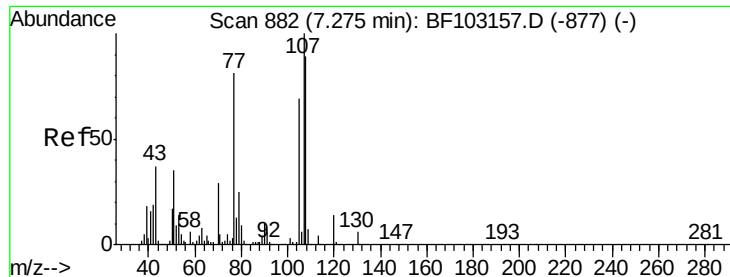
Tot Ion:117 Resp: 5530
Ion Ratio Lower Upper
117 100
119 90.9 75.8 113.8
201 83.1 75.7 113.5



#19
n-Nitroso-di-n-propylamine
Concen: 1.204 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion: 70 Resp: 10551
Ion Ratio Lower Upper
70 100
42 71.7 47.5 71.3#
101 9.4 7.4 11.2
130 18.7 16.6 25.0





#20

3+4-Methylphenols

Concen: 1.181 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 15646

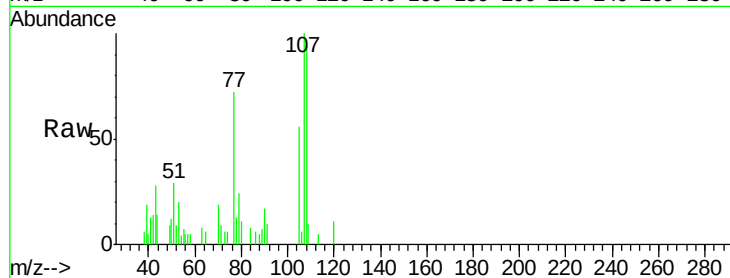
Ion Ratio Lower Upper

107 100

108 94.2 68.2 108.2

77 72.2 26.7 66.7#

79 24.3 6.3 46.3

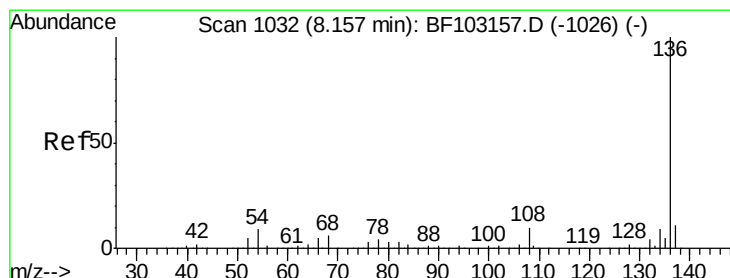
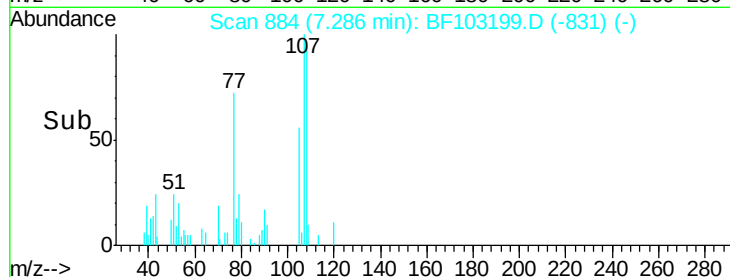
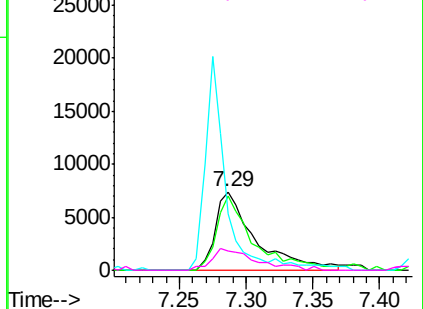


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Tgt Ion:136 Resp: 764789

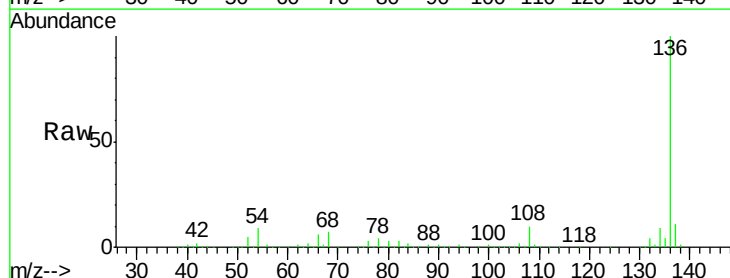
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 7.0 5.0 7.4

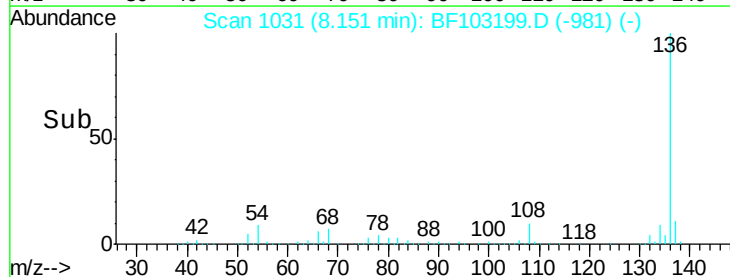
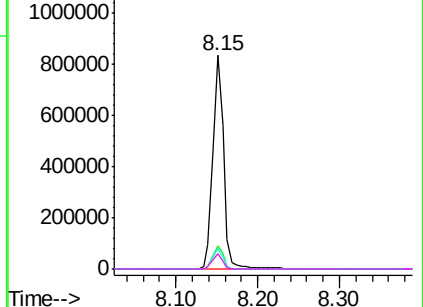


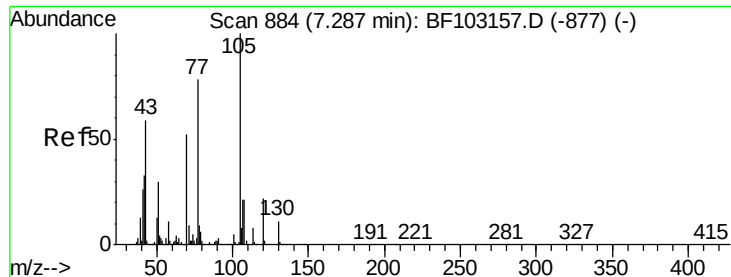
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.260 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103199.D

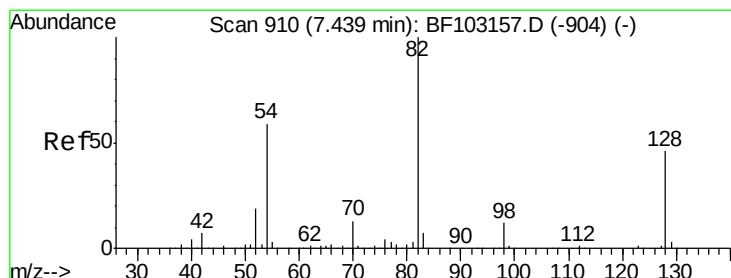
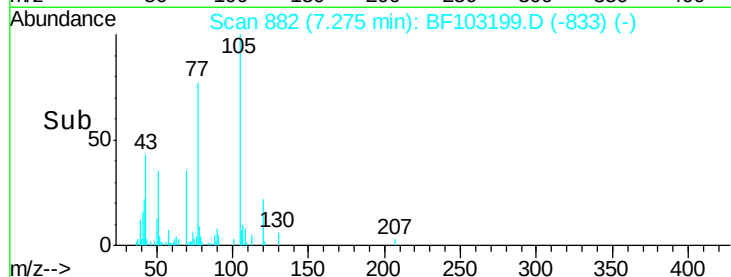
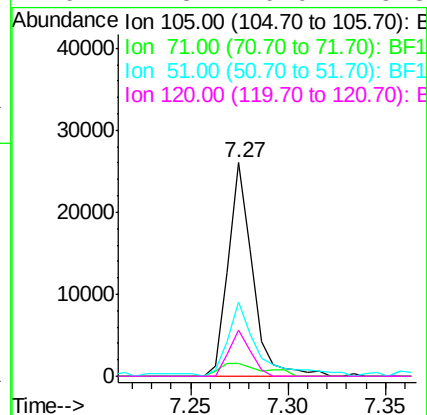
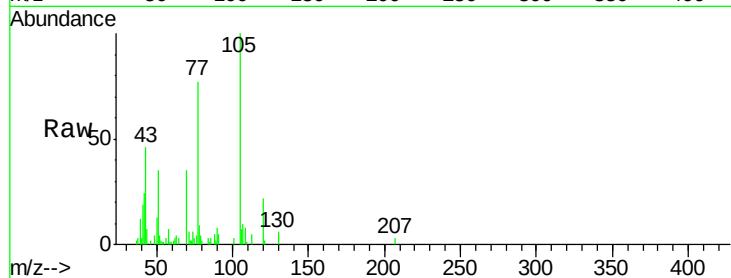
Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	22491
Ion Ratio	Lower	Upper	
105	100		
71	5.7	4.4	6.6
51	34.9	22.3	33.5#
120	21.8	16.9	25.3



#23

Nitrobenzene-d5

Concen: 87.959 ng

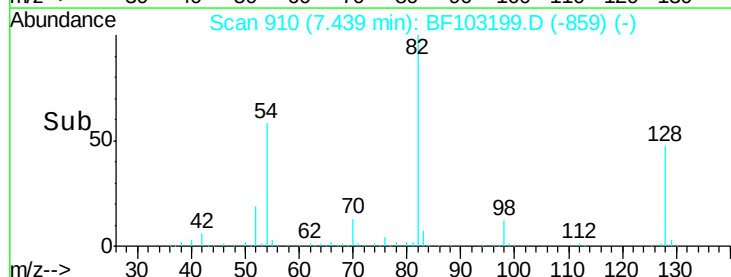
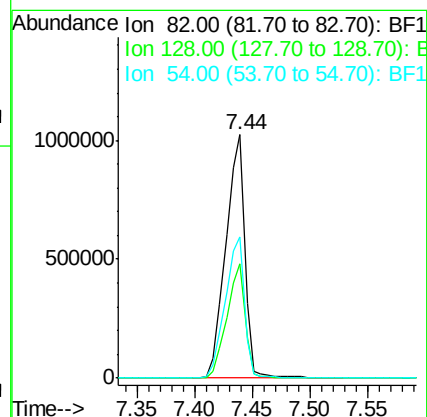
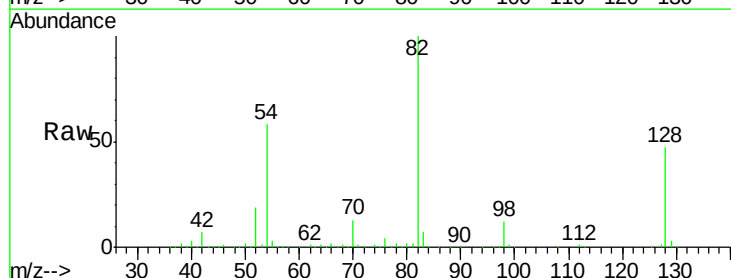
RT: 7.44 min Scan# 910

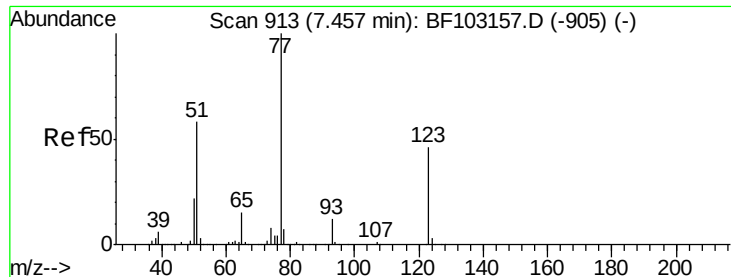
Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Tgt Ion:	82	Resp:	1177930
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	58.2	41.4	62.2





#24

Nitrobenzene

Concen: 1.299 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

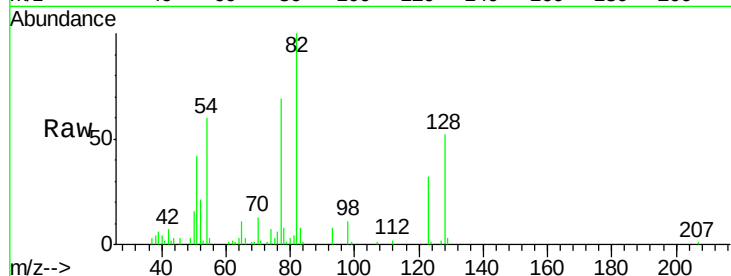
Tot Ion: 77 Resp: 19148

Ion Ratio Lower Upper

77 100

123 45.7 37.9 56.9

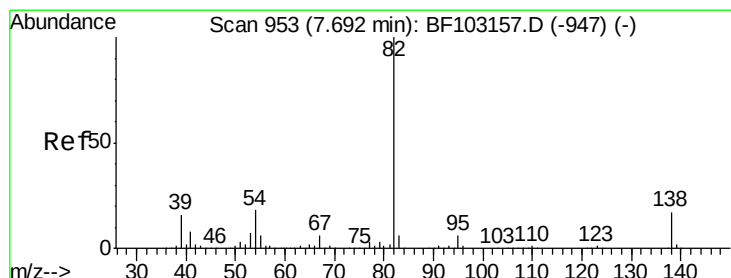
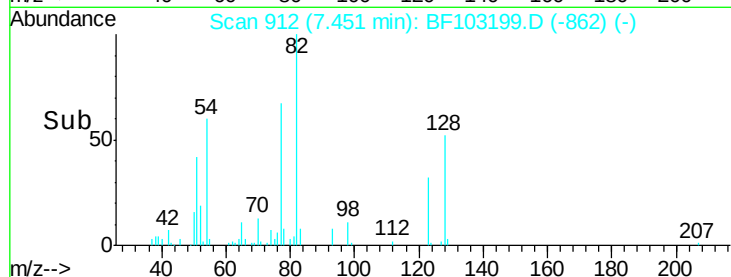
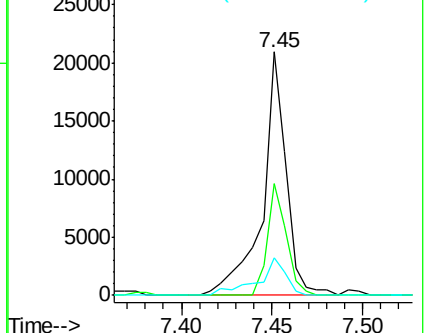
65 15.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 44.660 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

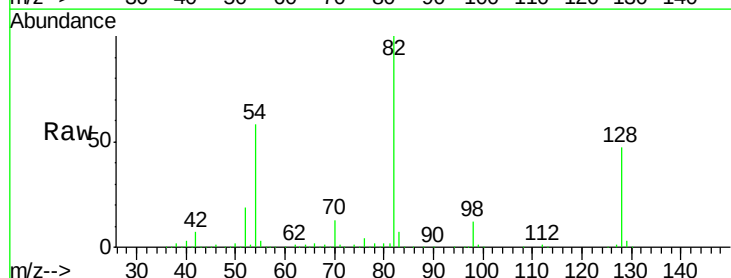
Tgt Ion: 82 Resp: 1177916

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

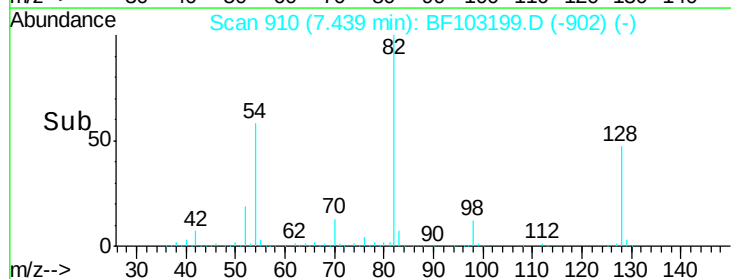
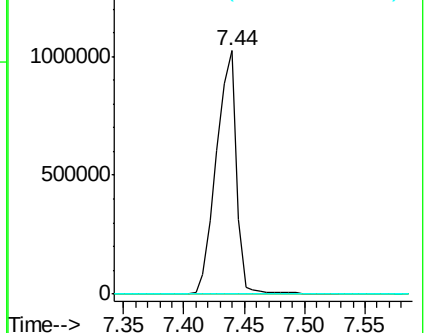
138 0.0 14.9 22.3#

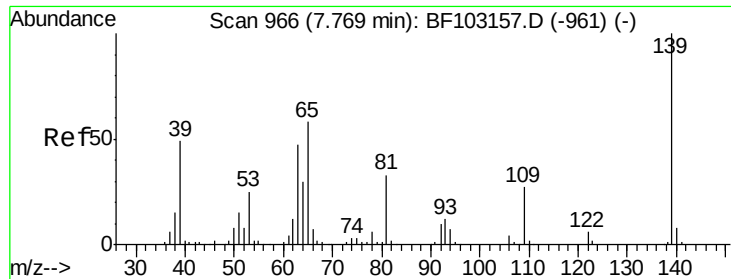


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

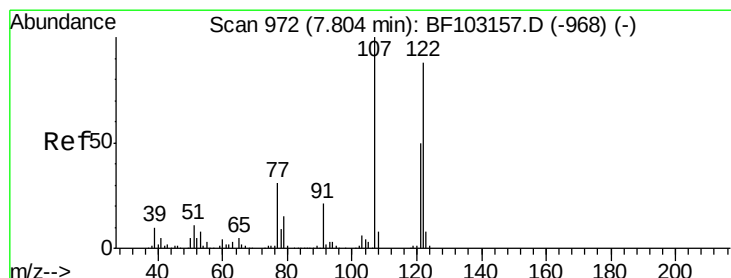
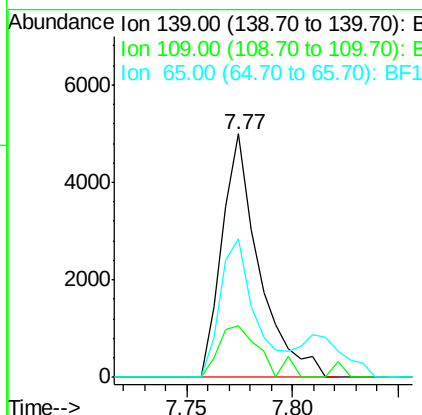
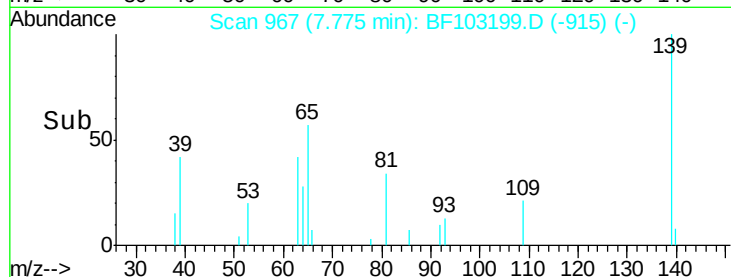
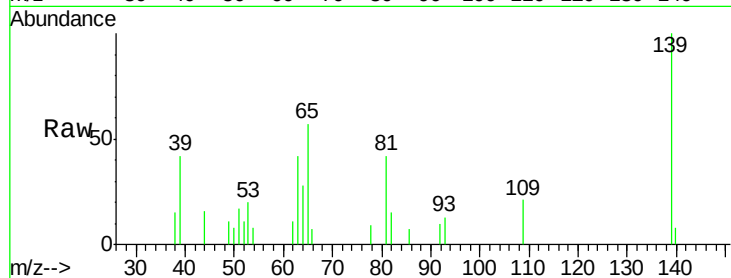




#26
2-Nitrophenol
Concen: 0.873 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

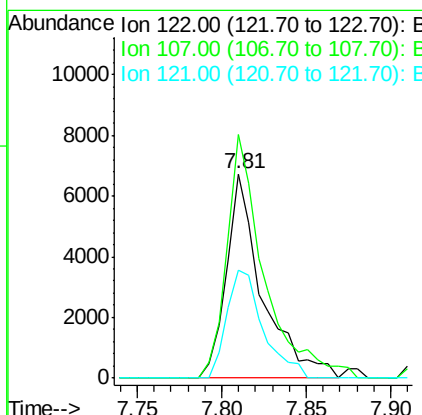
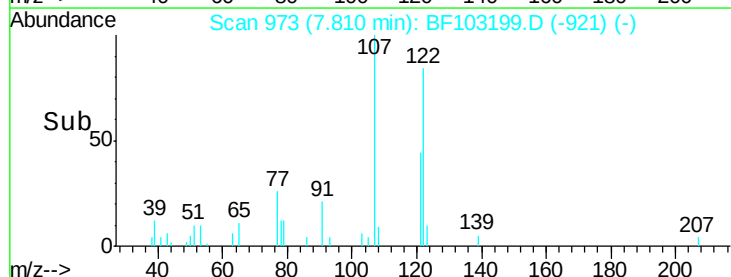
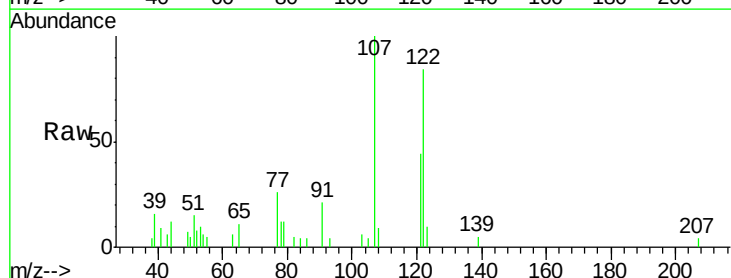
Instrument :
BNA_F
ClientSampled :

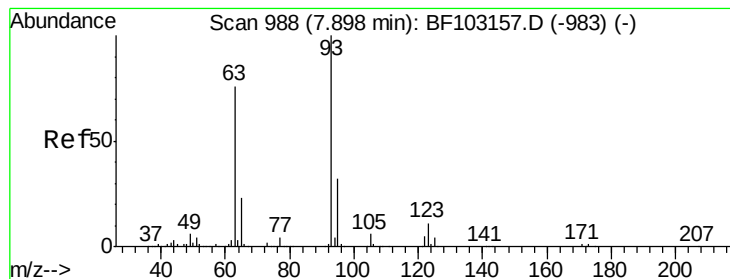
Tot Ion:139 Resp: 6062
Ion Ratio Lower Upper
139 100
109 21.4 22.7 34.1#
65 56.9 40.5 60.7



#27
2,4-Dimethylphenol
Concen: 0.939 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:122 Resp: 9962
Ion Ratio Lower Upper
122 100
107 119.4 91.2 136.8
121 53.0 47.2 70.8





#28

bis(2-Chloroethoxy)methane

Concen: 1.031 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

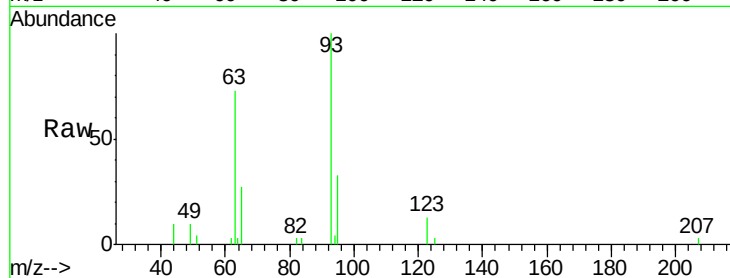
Tot Ion: 93 Resp: 15981

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

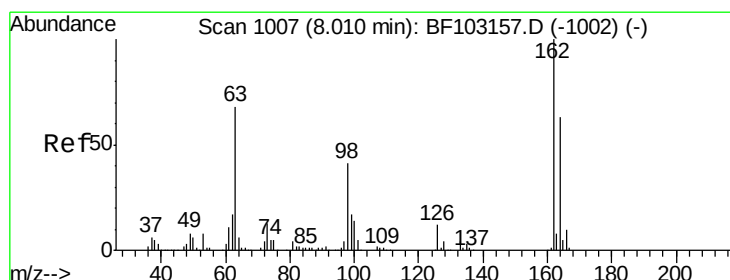
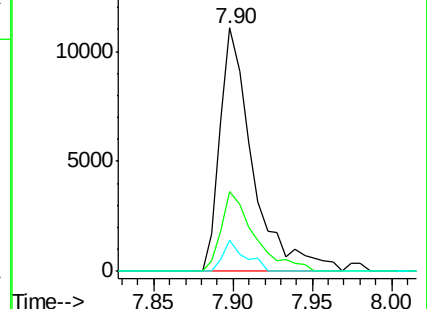
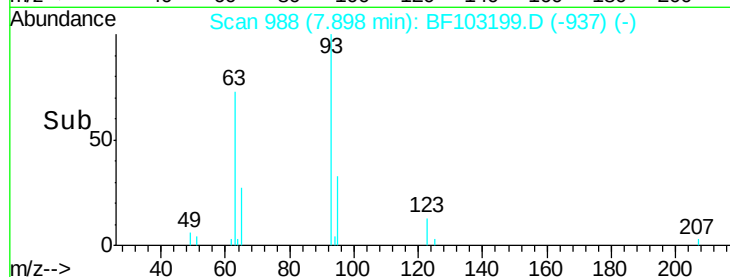
123 12.8 9.8 14.6



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): BF1



#29

2,4-Dichlorophenol

Concen: 0.932 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.03 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

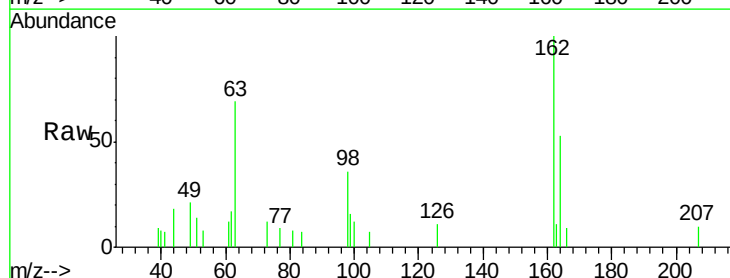
Tgt Ion: 162 Resp: 9471

Ion Ratio Lower Upper

162 100

164 53.4 42.7 82.7

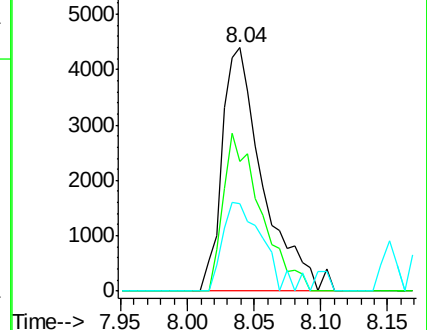
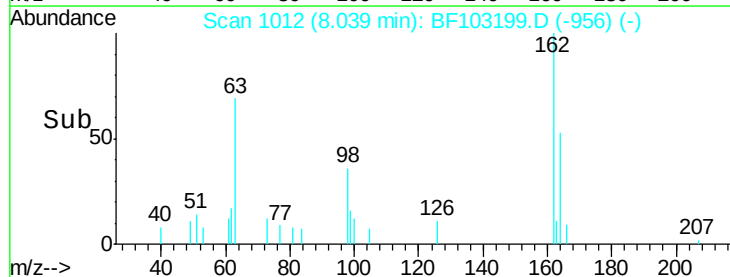
98 35.9 18.1 58.1

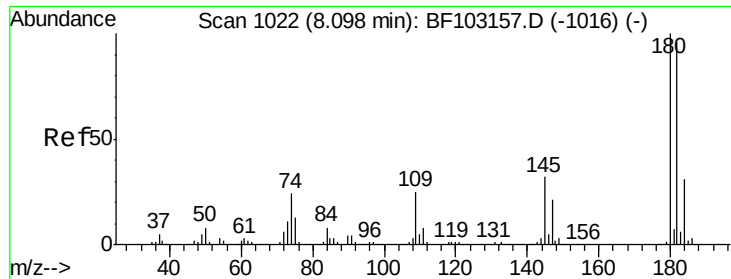


Abundance Ion 162.00 (161.70 to 162.70): BF1

Ion 164.00 (163.70 to 164.70): BF1

Ion 98.00 (97.70 to 98.70): BF1

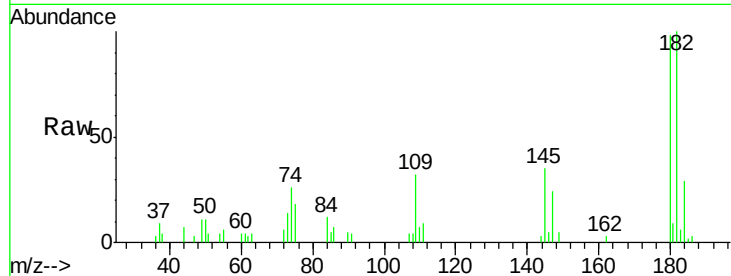




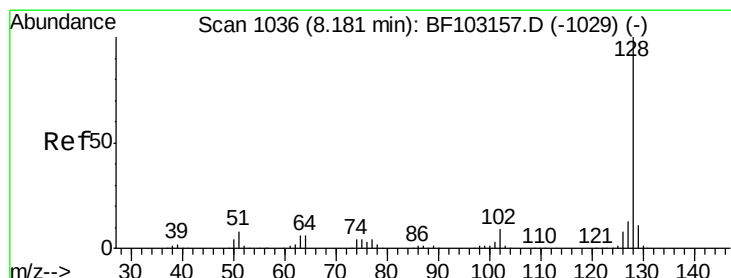
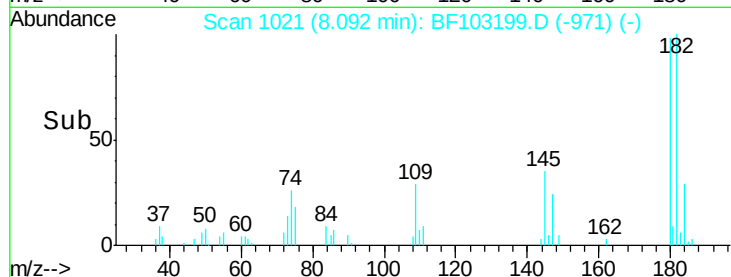
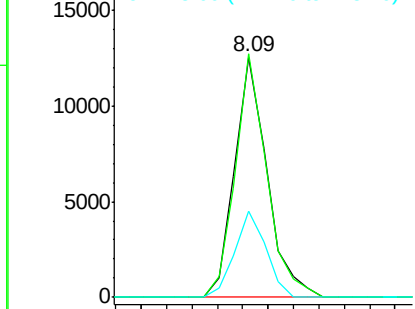
#30
1,2,4-Trichlorobenzene
Concen: 1.029 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 11130
Ion Ratio Lower Upper
180 100
182 101.5 76.8 115.2
145 35.9 26.5 39.7

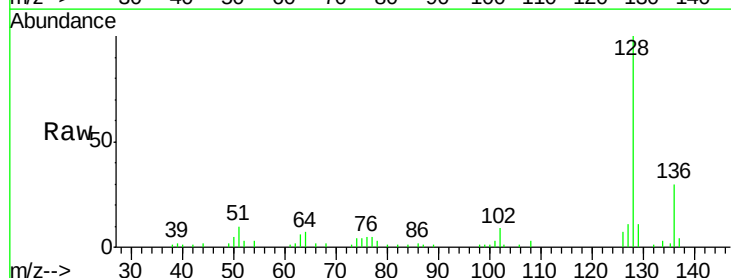


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

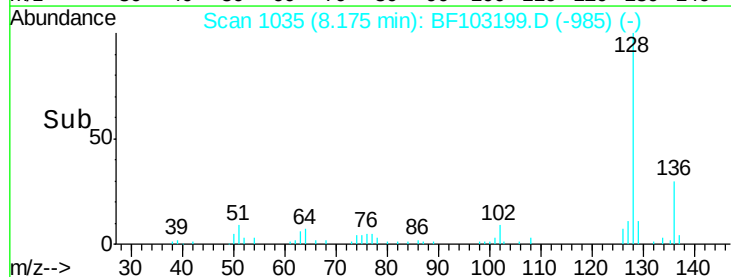
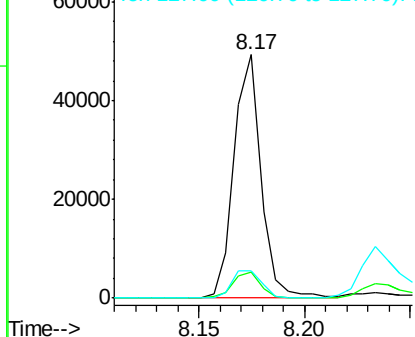


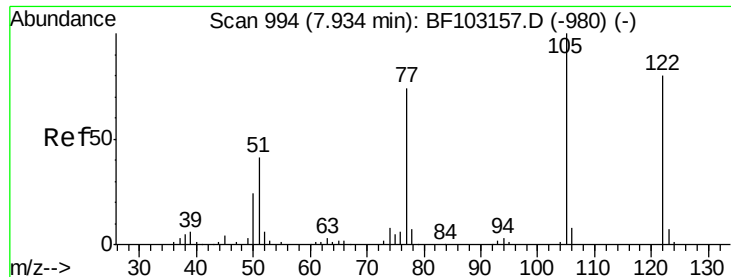
#31
Naphthalene
Concen: 1.167 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:128 Resp: 43694
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 11.4 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

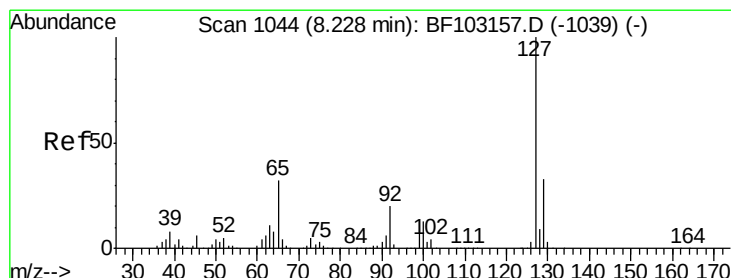
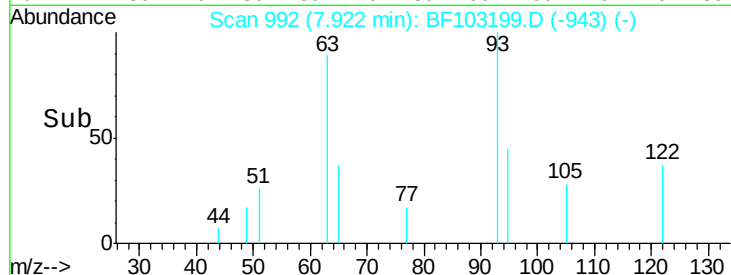
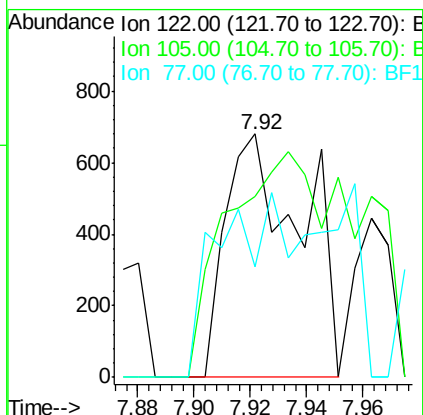
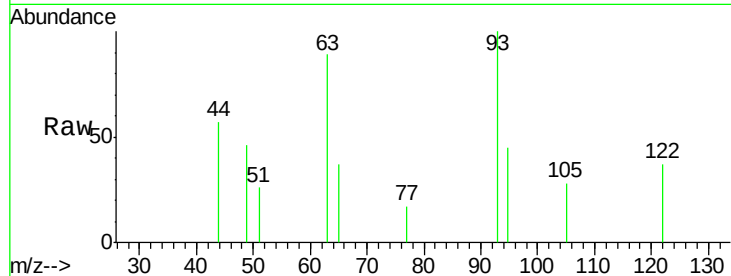




#32
Benzoic acid
Concen: 7.050 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

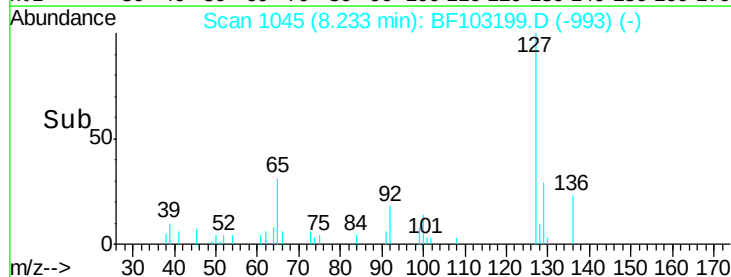
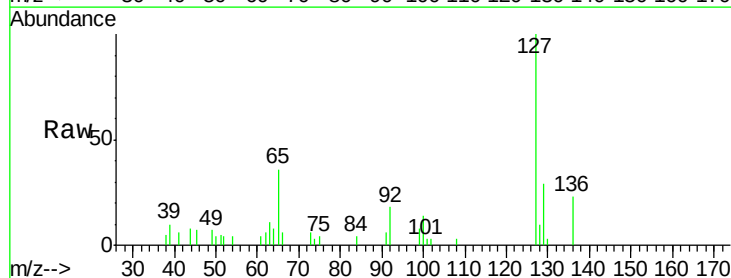
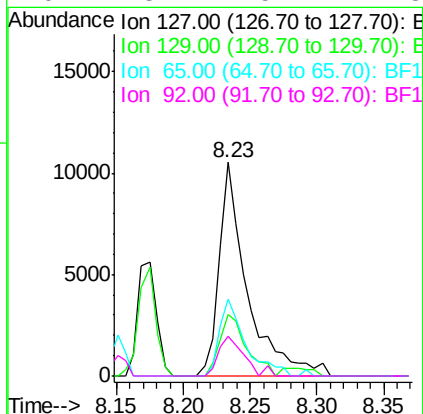
Instrument :
BNA_F
ClientSampled :

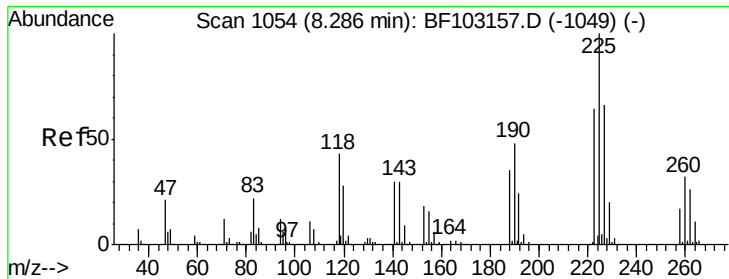
Tot Ion:122 Resp: 1256
Ion Ratio Lower Upper
122 100
105 74.6 101.1 141.1#
77 45.3 70.7 110.7#



#33
4-Chloroaniline
Concen: 0.968 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:127 Resp: 15644
Ion Ratio Lower Upper
127 100
129 28.8 25.9 38.9
65 36.1 25.0 37.4
92 18.4 15.2 22.8

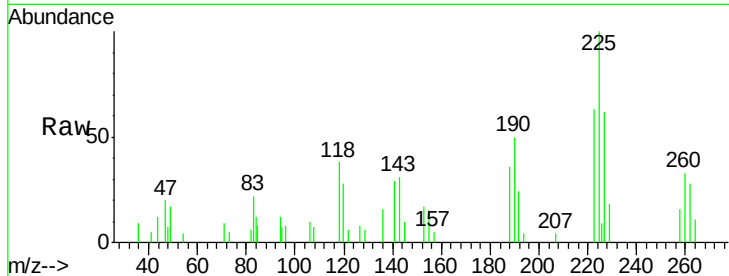




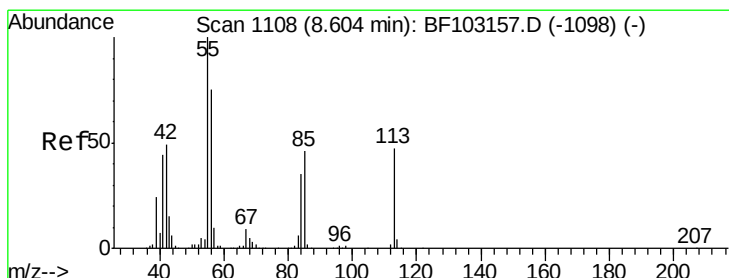
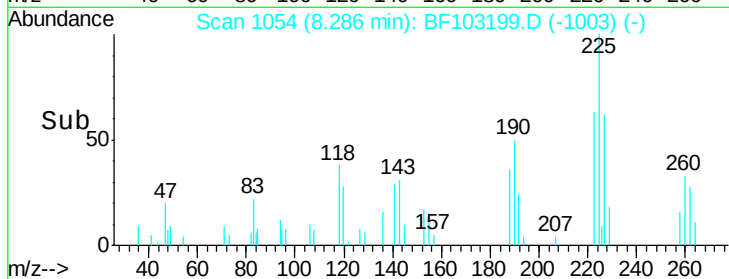
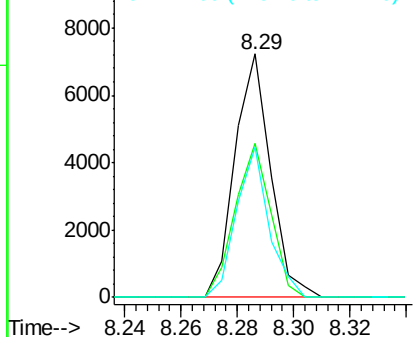
#34
 Hexachlorobutadiene
 Concen: 1.126 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:225 Resp: 6342
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.6 76.0
 227 61.6 51.9 77.9

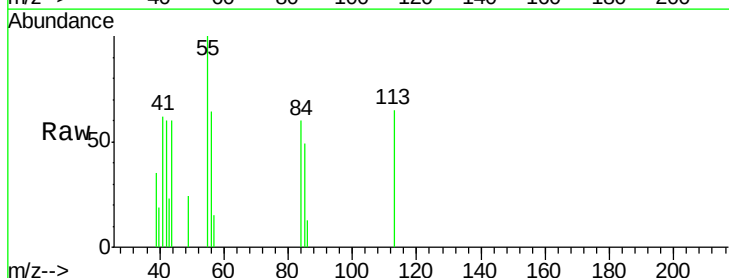


Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

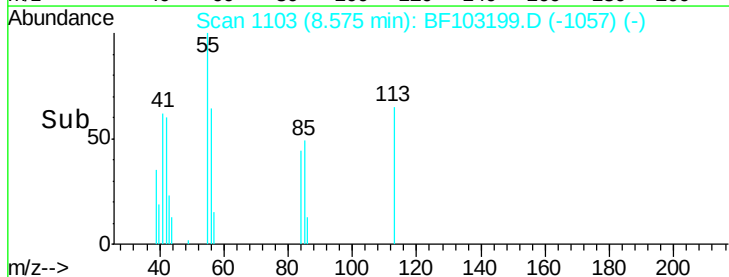
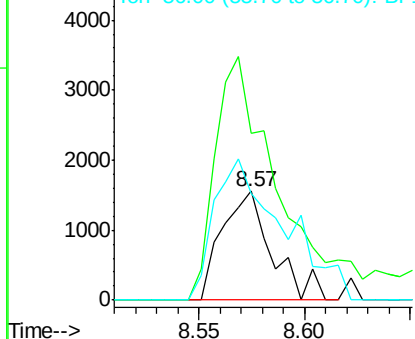


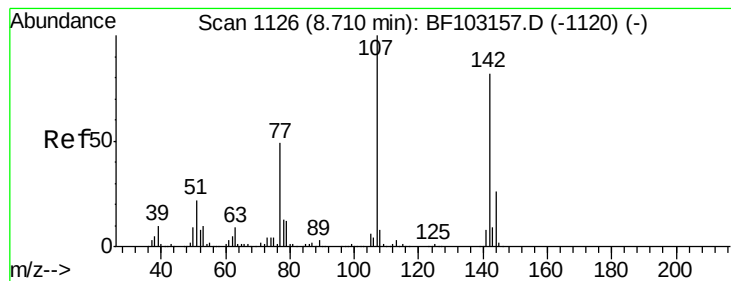
#35
 Caprolactam
 Concen: 0.711 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.03 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Tgt Ion:113 Resp: 2538
 Ion Ratio Lower Upper
 113 100
 55 153.2 163.3 203.3#
 56 97.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1





#36

4-Chloro-3-methylphenol

Concen: 1.010 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

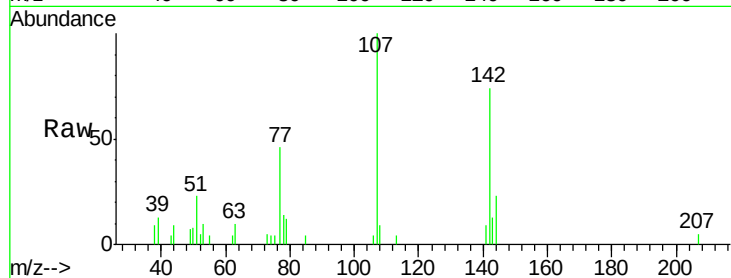
Tot Ion:107 Resp: 11567

Ion Ratio Lower Upper

107 100

144 23.4 20.5 30.7

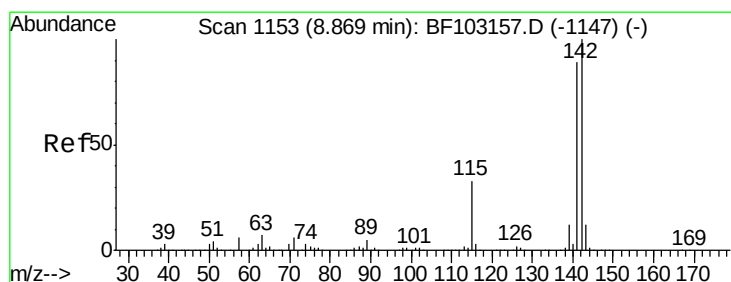
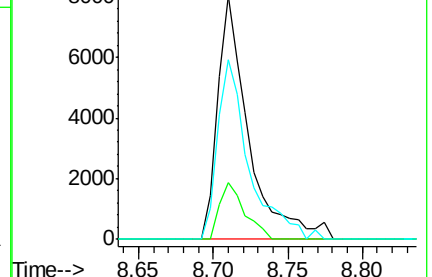
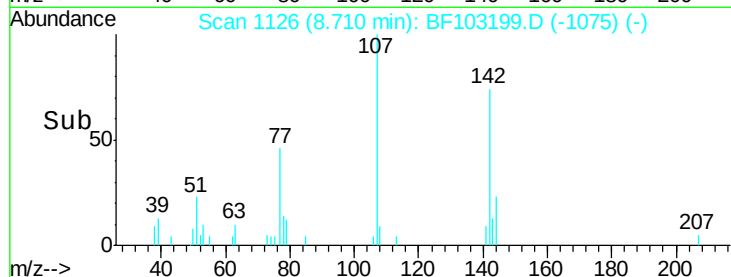
142 73.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 1.159 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

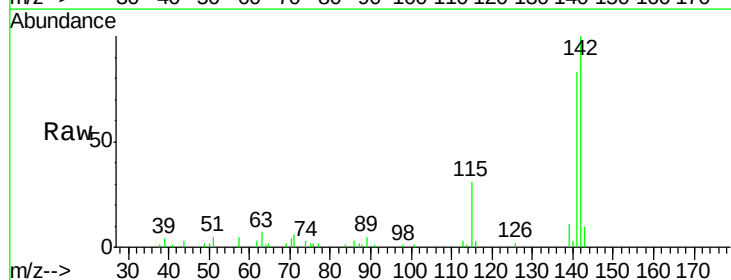
Tgt Ion:142 Resp: 28050

Ion Ratio Lower Upper

142 100

141 83.0 70.8 106.2

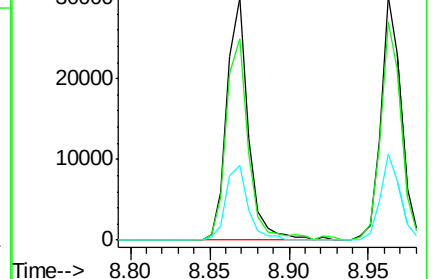
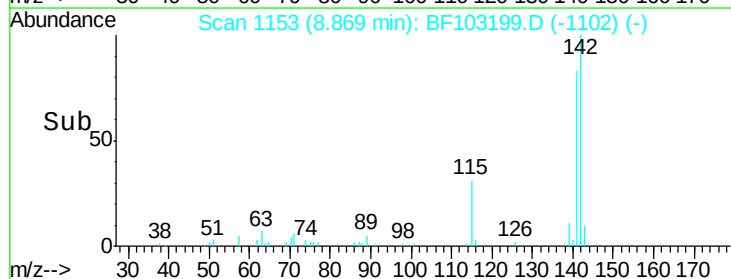
115 30.7 26.1 39.1

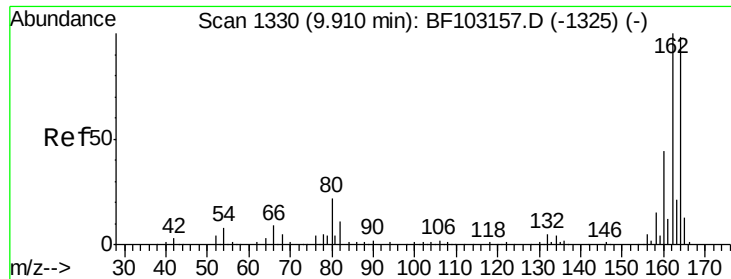


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

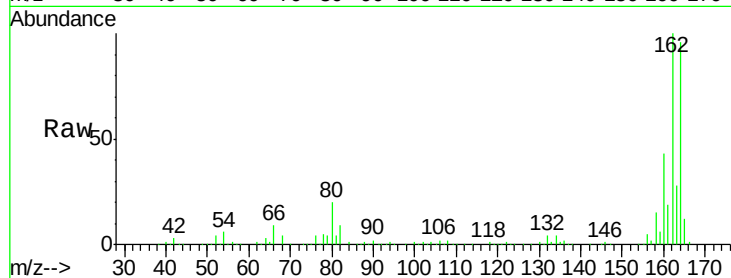




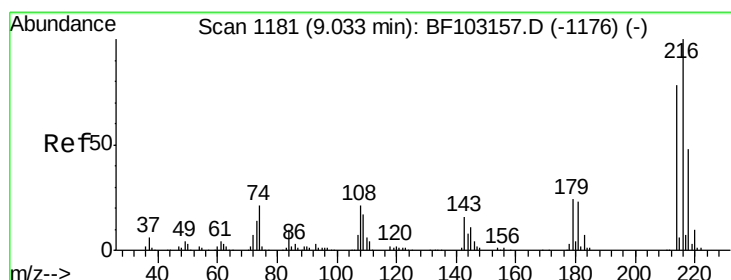
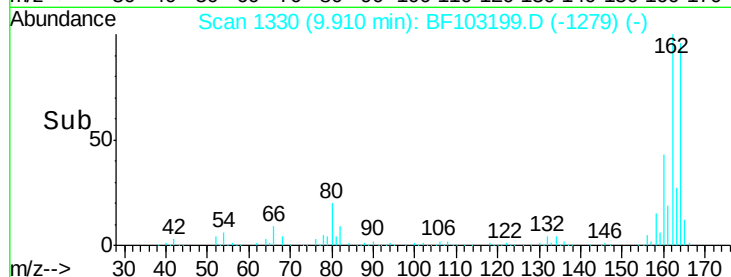
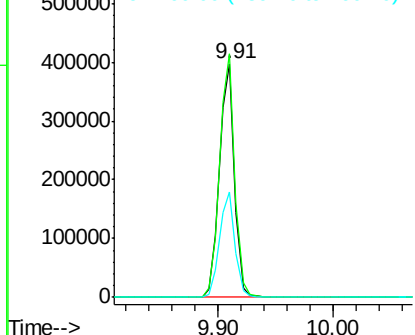
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 357392
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 45.3 38.3 57.5



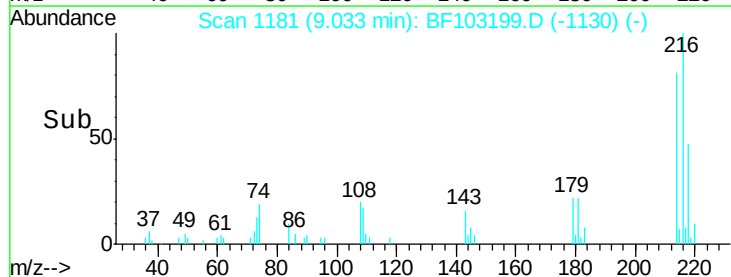
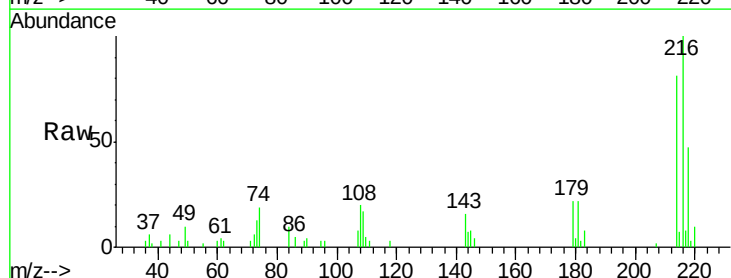
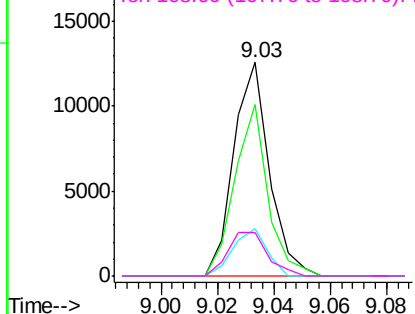
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

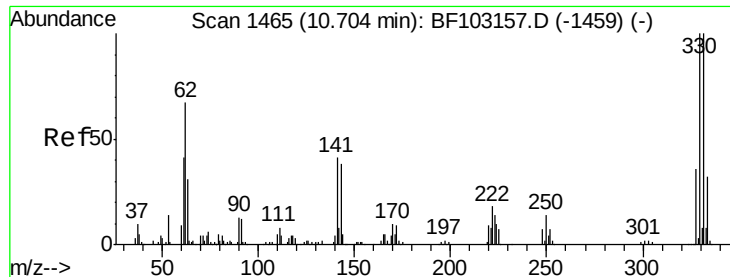


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.126 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Tgt Ion:216 Resp: 11002
 Ion Ratio Lower Upper
 216 100
 214 75.0 63.0 94.4
 179 21.0 18.1 27.1
 108 22.8 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: 118.361 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

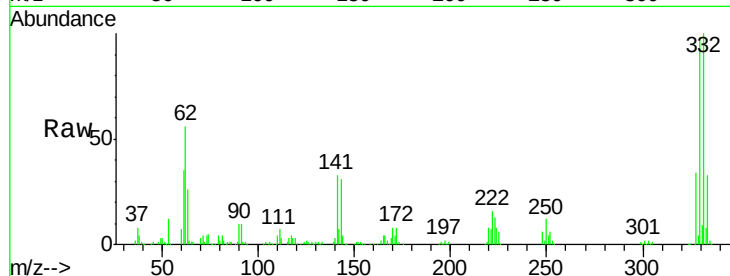
Tot Ion:330 Resp: 358057

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

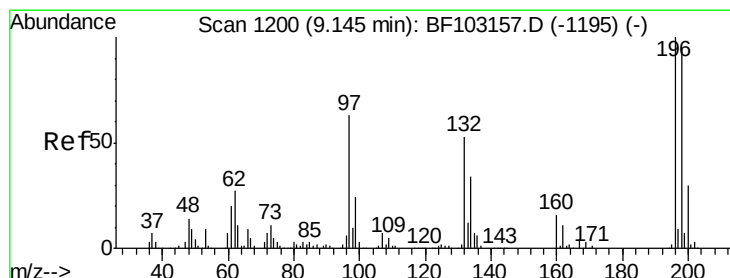
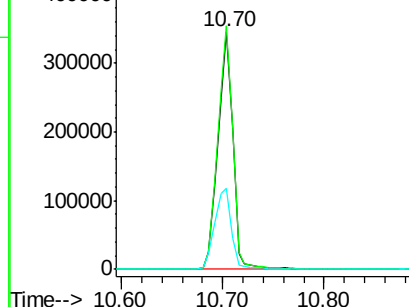
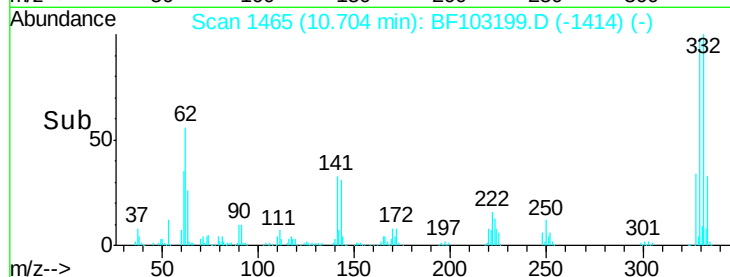
141 38.5 29.9 44.9



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: 0.920 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

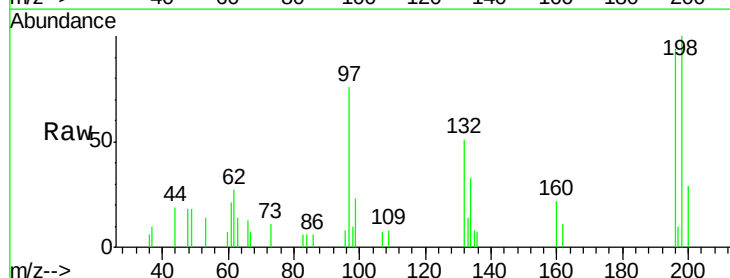
Tgt Ion:196 Resp: 6047

Ion Ratio Lower Upper

196 100

198 106.2 75.7 113.5

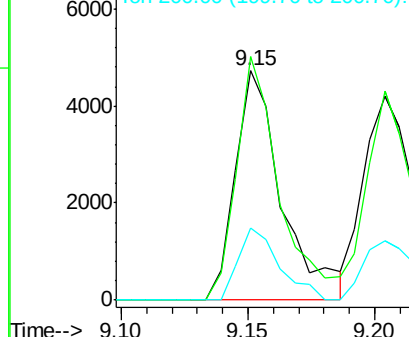
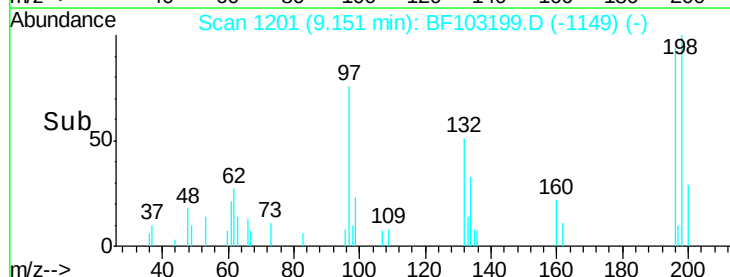
200 31.2 24.5 36.7

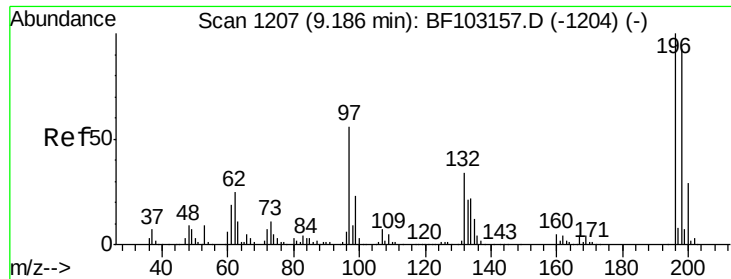


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

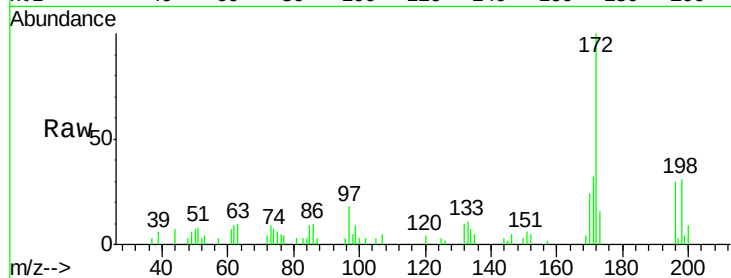




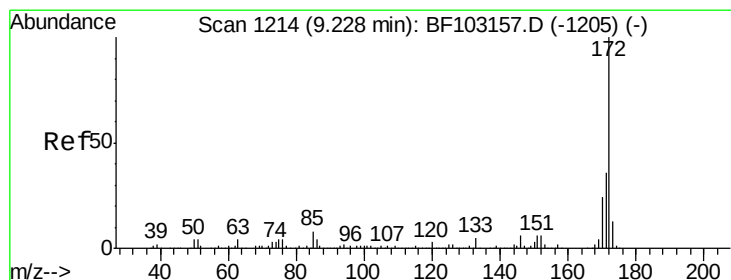
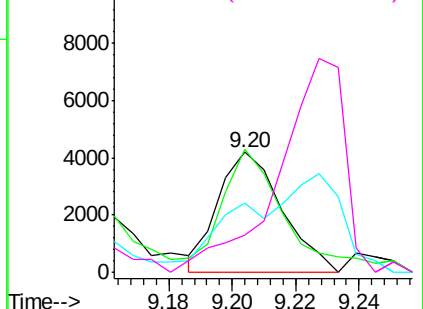
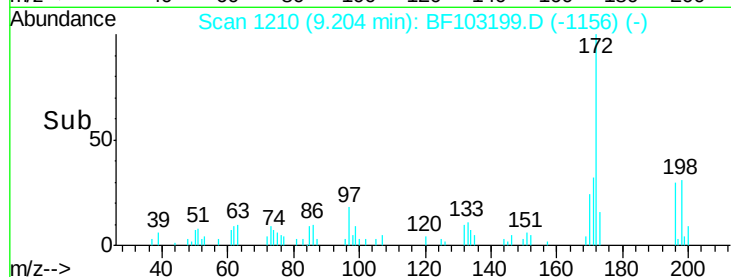
#43
 2,4,5-Trichlorophenol
 Concen: 0.771 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 5831
 Ion Ratio Lower Upper
 196 100
 198 102.7 74.6 112.0
 97 58.0 42.9 64.3
 132 31.4 26.3 39.5

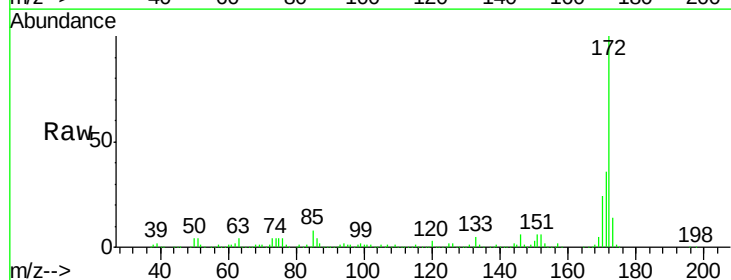


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

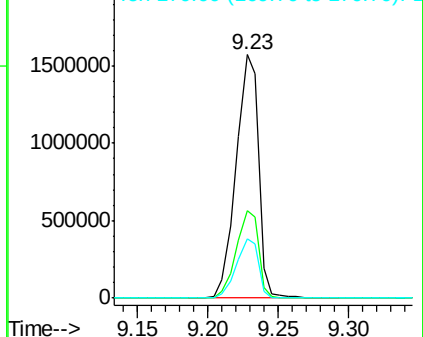
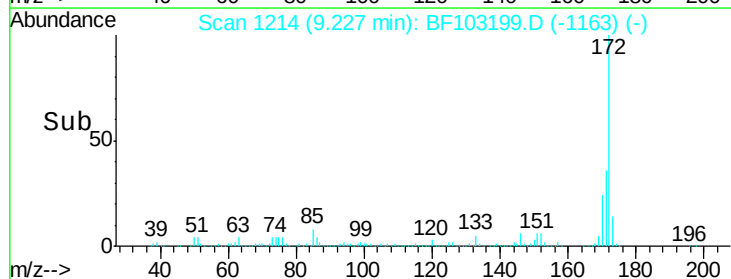


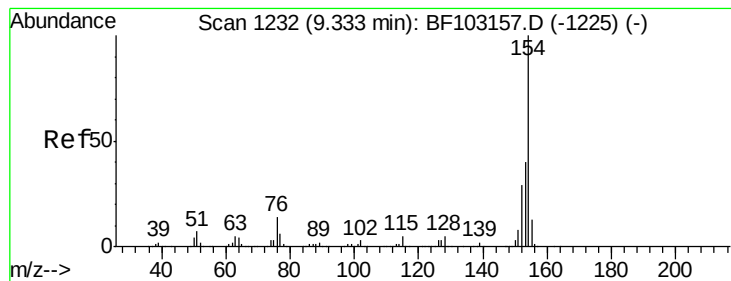
#44
 2-Fluorobiphenyl
 Concen: 83.879 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Tgt Ion:172 Resp: 1745936
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 1.334 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

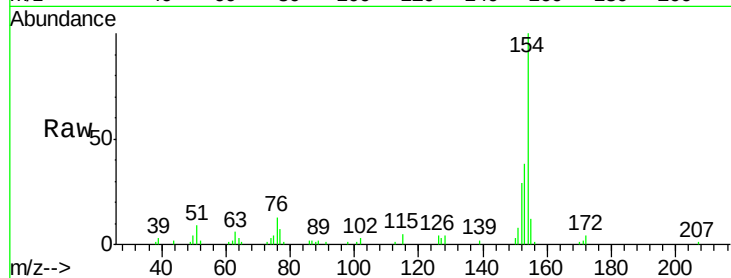
Tot Ion:154 Resp: 39936

Ion Ratio Lower Upper

154 100

153 37.9 21.3 61.3

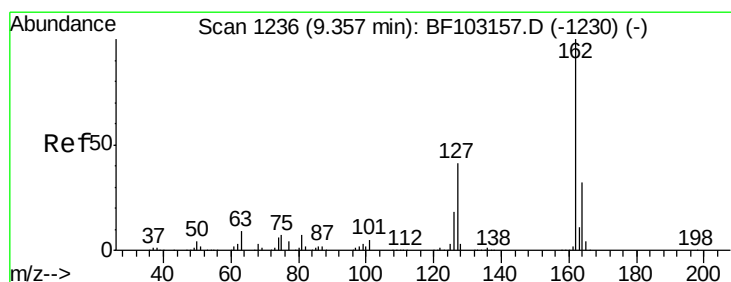
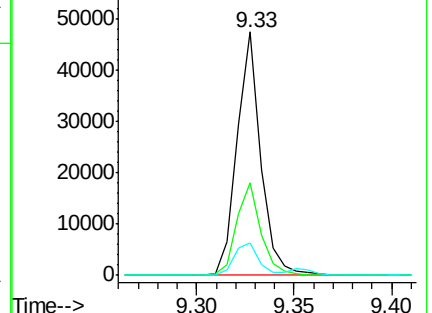
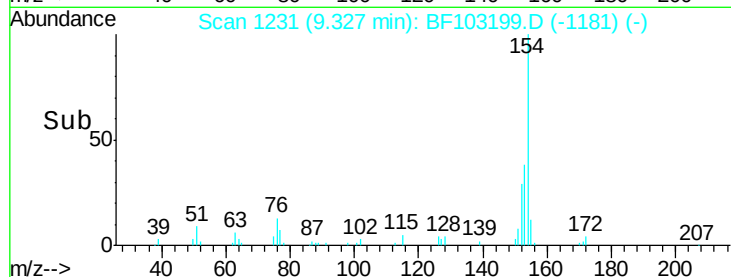
76 13.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 1.112 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

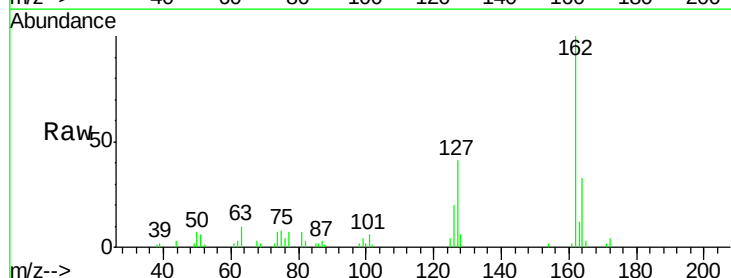
Tgt Ion:162 Resp: 26341

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

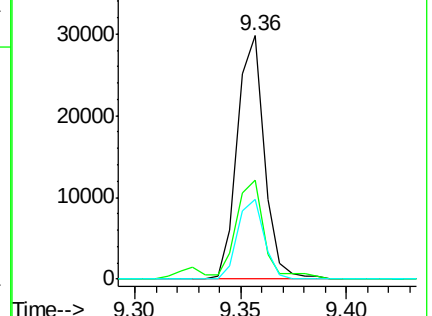
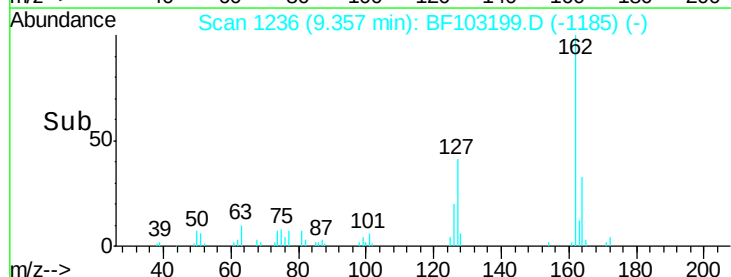
164 33.0 26.5 39.7

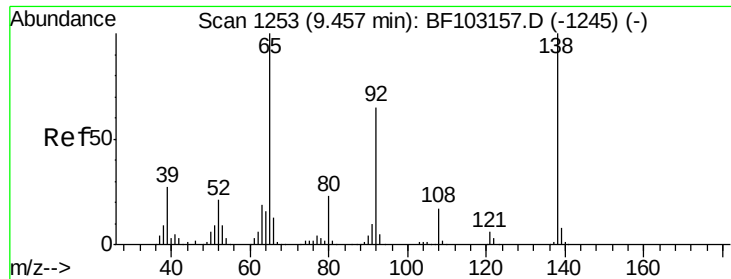


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.889 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

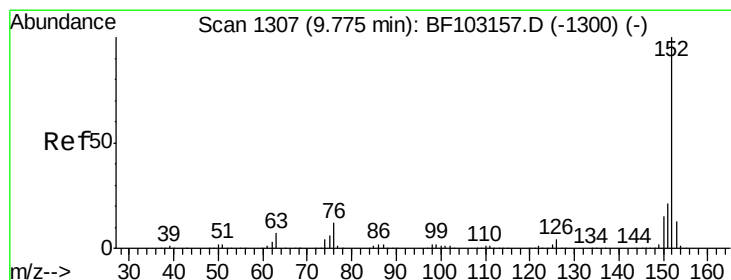
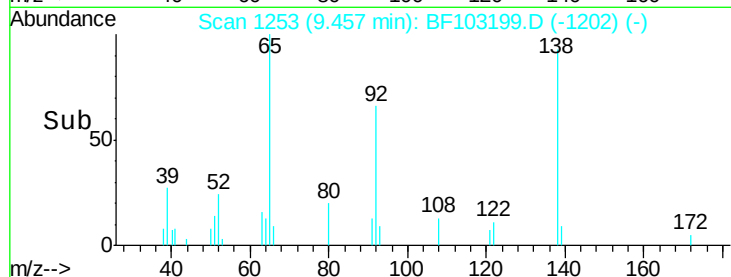
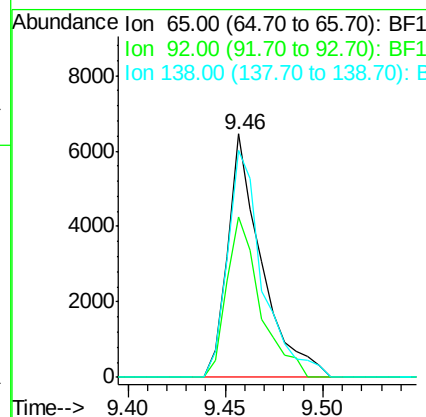
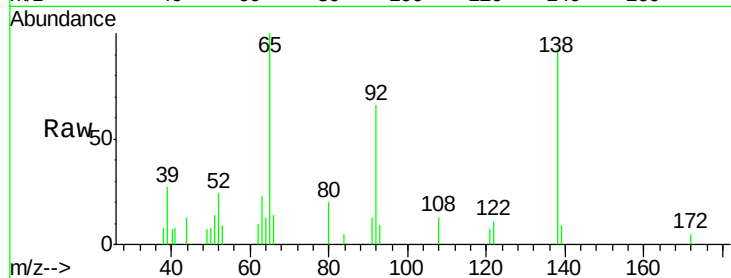
Tot Ion: 65 Resp: 7805

Ion Ratio Lower Upper

65 100

92 66.1 55.8 83.6

138 93.2 91.2 136.8



#48

Acenaphthylene

Concen: 1.099 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

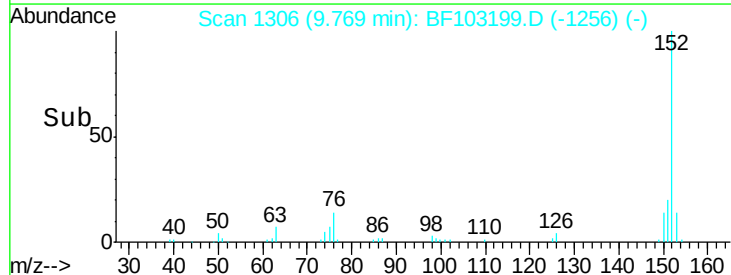
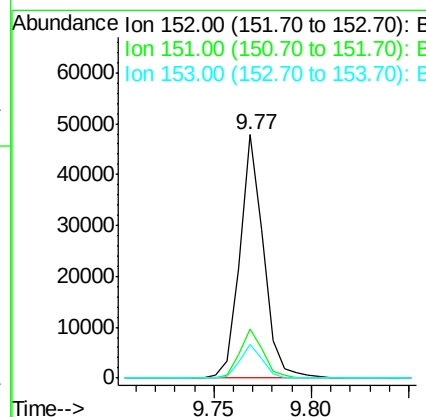
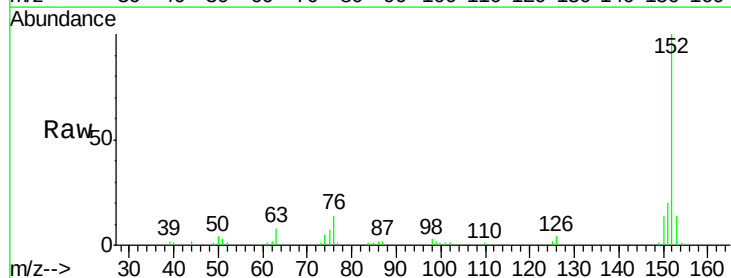
Tgt Ion: 152 Resp: 40047

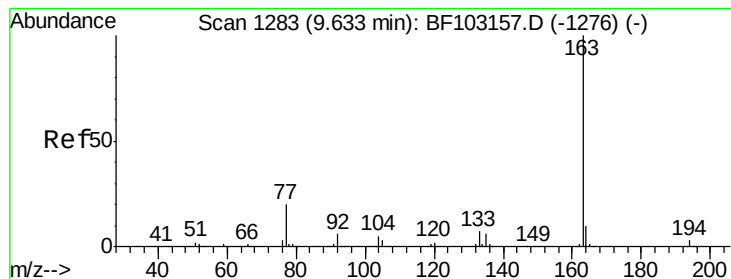
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 1.066 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

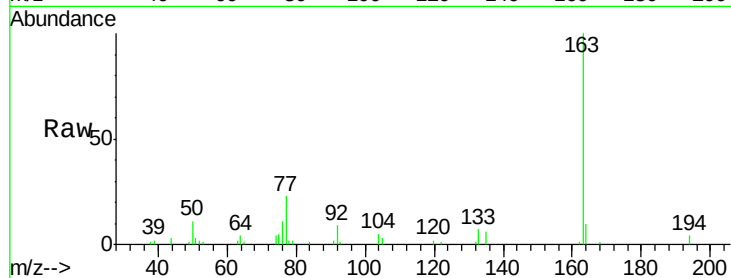
Tot Ion:163 Resp: 30575

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

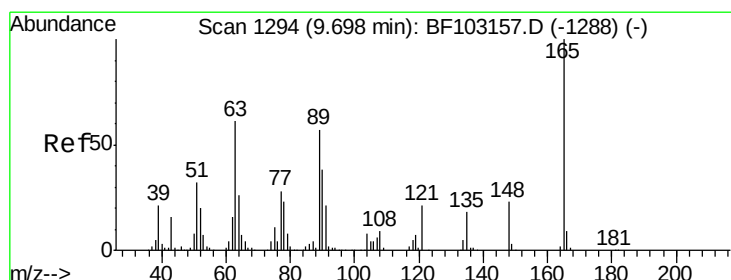
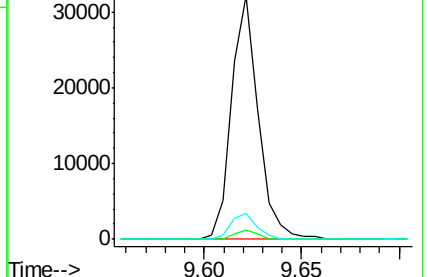
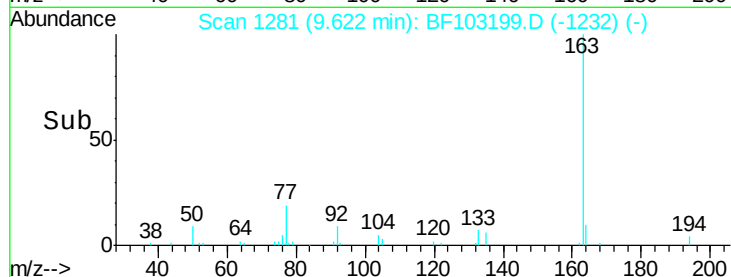
164 10.5 8.2 12.2



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: 0.891 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

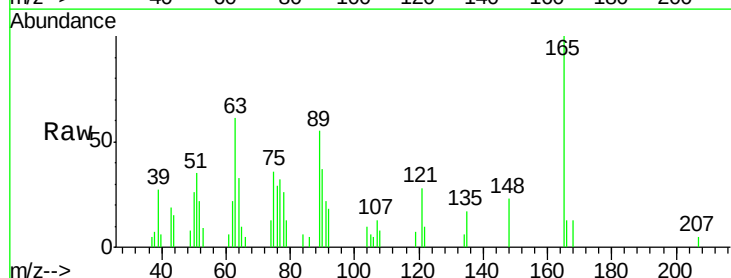
Tgt Ion:165 Resp: 5358

Ion Ratio Lower Upper

165 100

63 61.4 44.7 67.1

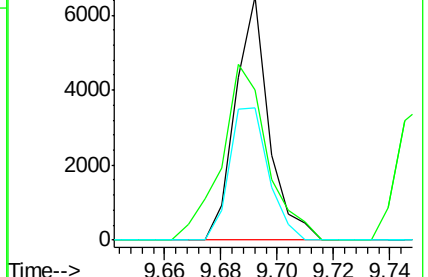
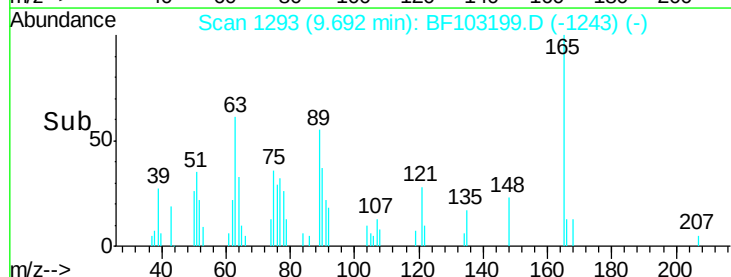
89 54.6 44.0 66.0

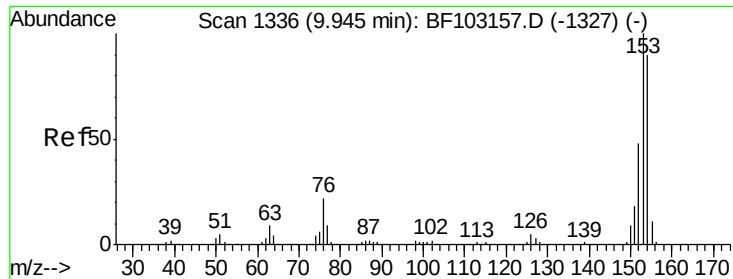


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 1.167 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

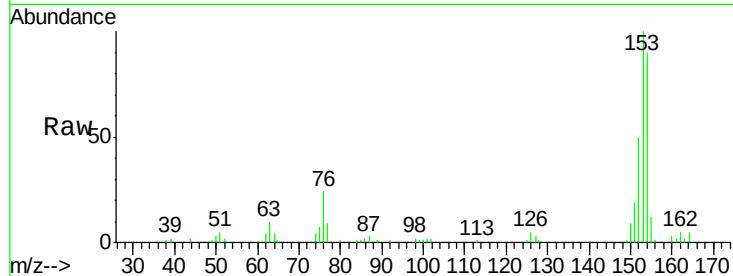
Tot Ion:154 Resp: 24801

Ion Ratio Lower Upper

154 100

153 110.7 91.2 136.8

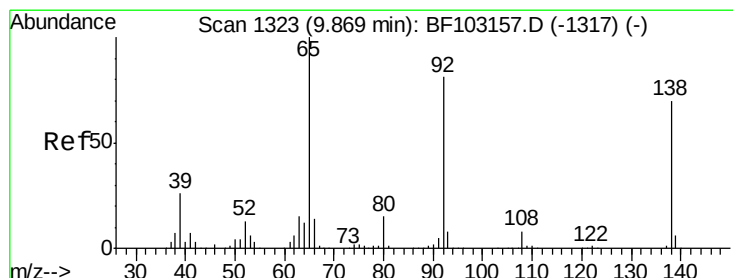
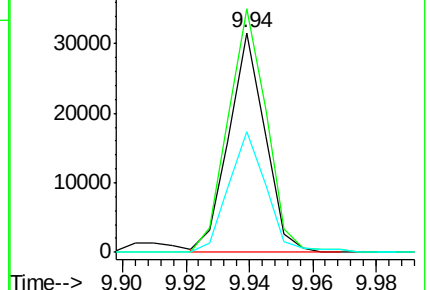
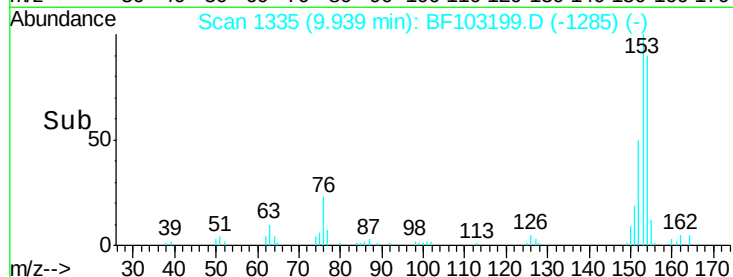
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.860 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

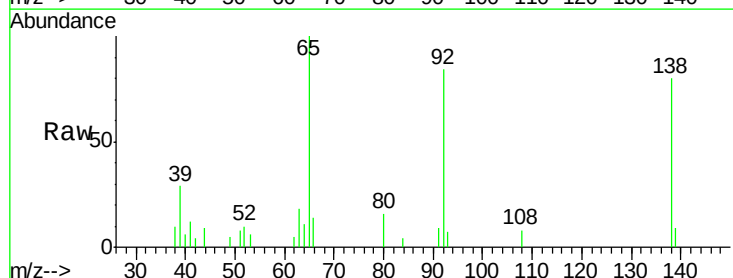
Tgt Ion:138 Resp: 6566

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

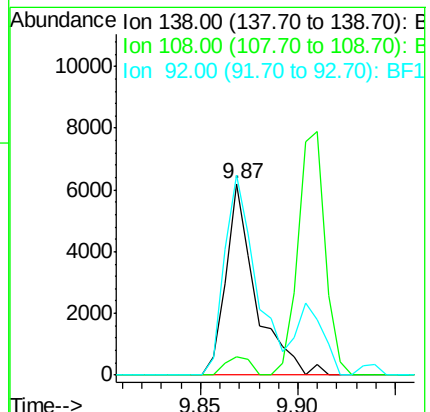
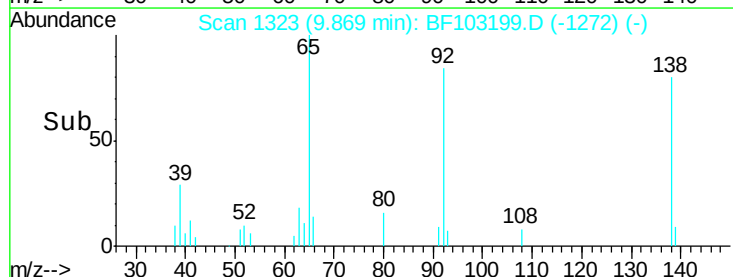
92 104.5 89.4 134.2

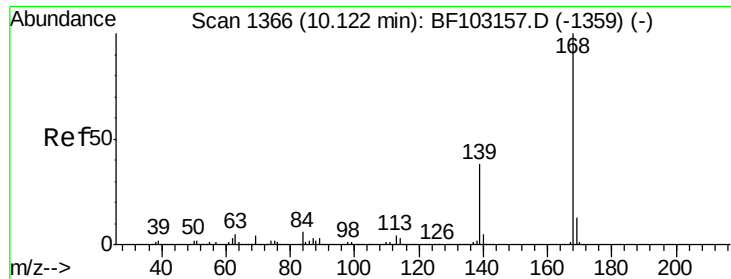


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

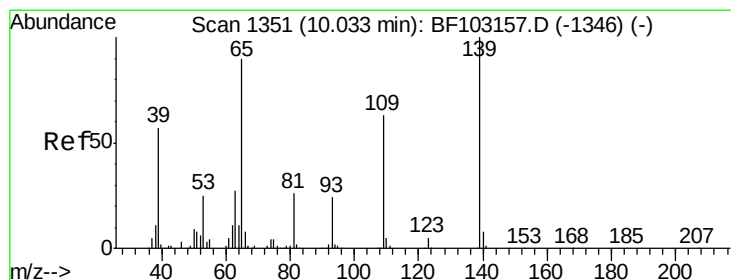
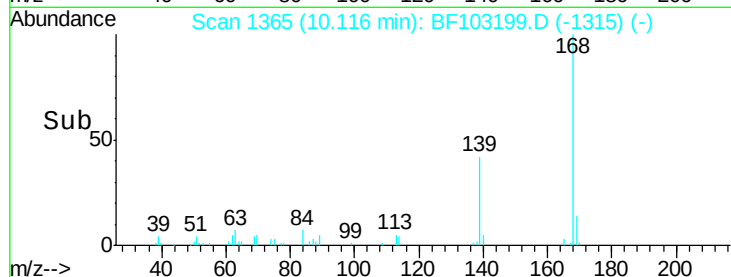
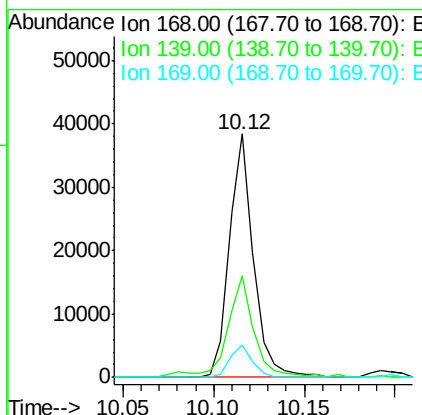
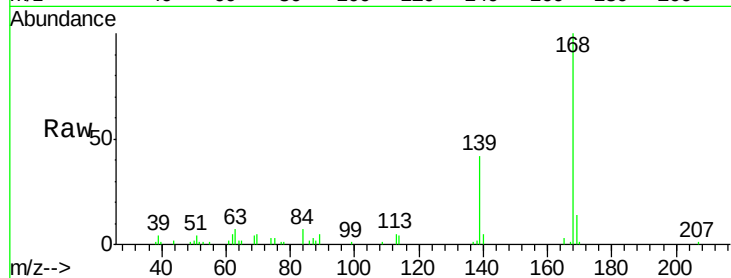




#54
Dibenzo(furan)
Concen: 1.220 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

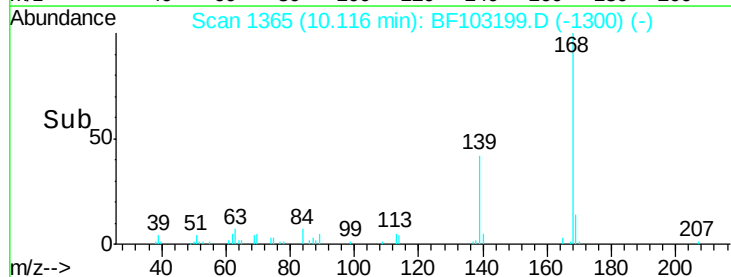
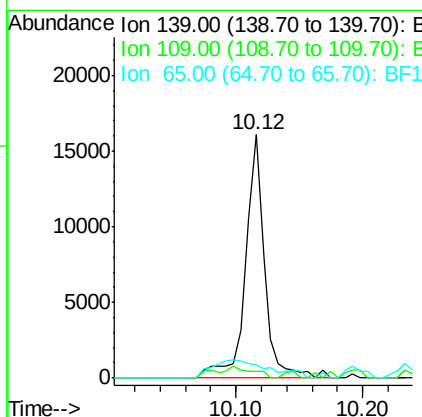
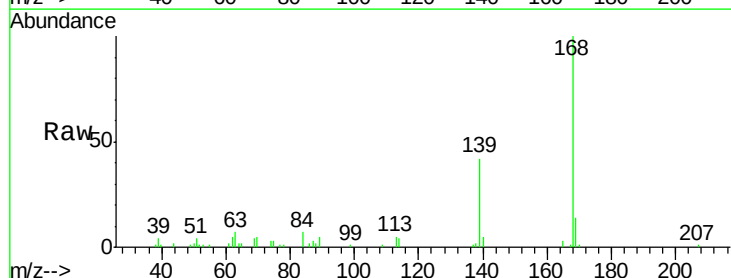
Instrument :
BNA_F
ClientSampled :

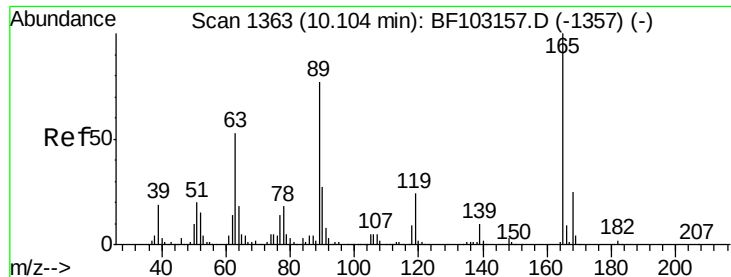
Tot Ion:168 Resp: 35589
Ion Ratio Lower Upper
168 100
139 41.9 30.1 45.1
169 13.5 10.9 16.3



#55
4-Nitrophenol
Concen: 3.549 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:139 Resp: 16792
Ion Ratio Lower Upper
139 100
109 2.9 48.4 88.4#
65 5.2 72.6 112.6#

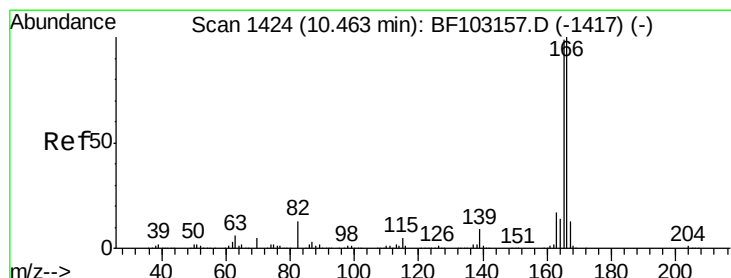
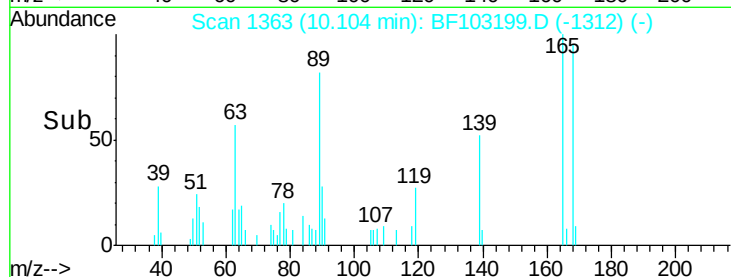
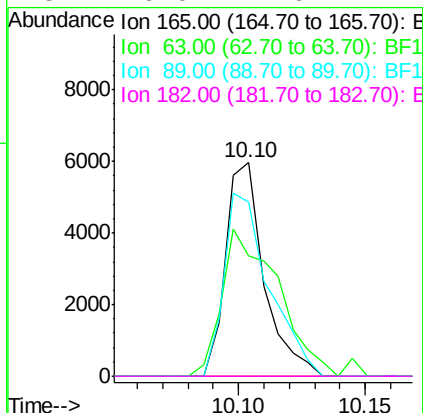
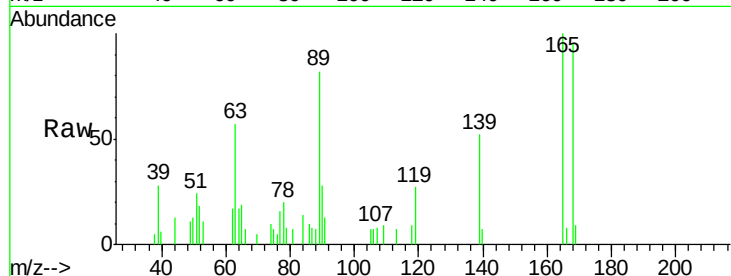




#56
2,4-Dinitrotoluene
Concen: 0.823 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

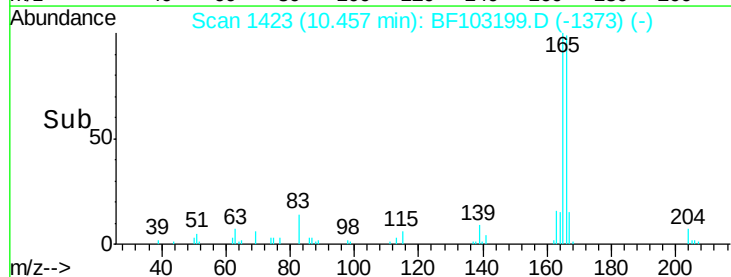
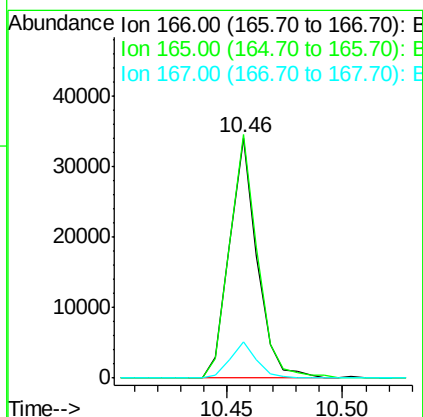
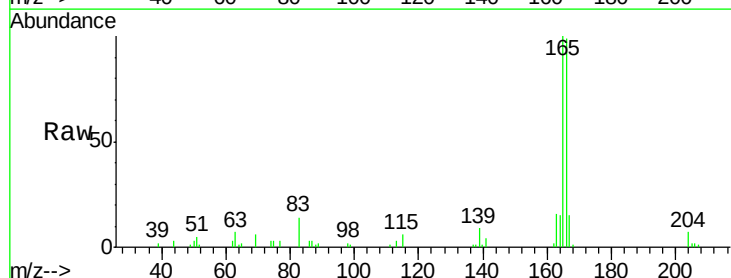
Instrument :
BNA_F
ClientSampleId :

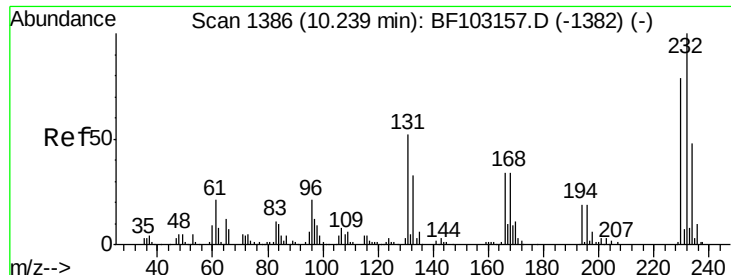
Tot Ion:165 Resp: 6264
Ion Ratio Lower Upper
165 100
63 56.6 36.4 54.6#
89 81.7 57.8 86.6
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 1.145 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:166 Resp: 28464
Ion Ratio Lower Upper
166 100
165 101.4 79.8 119.8
167 14.9 10.6 16.0

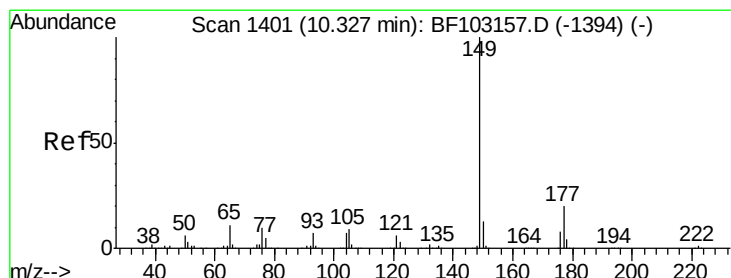
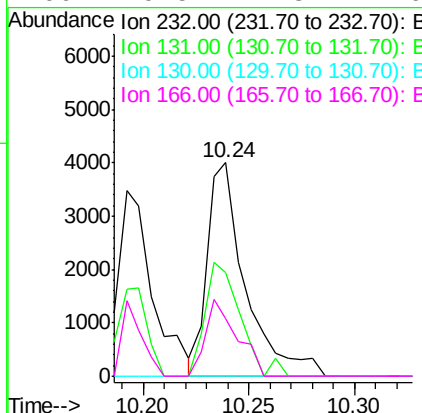
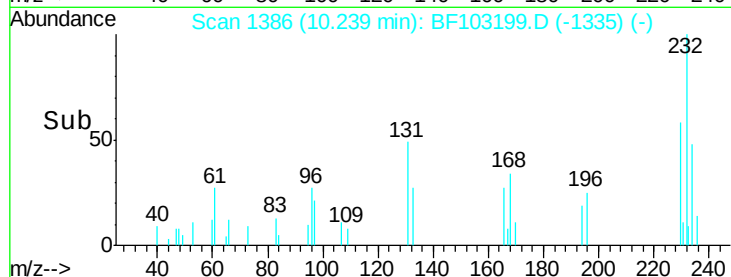
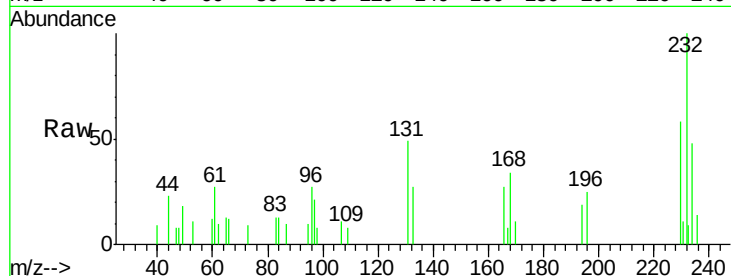




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.992 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

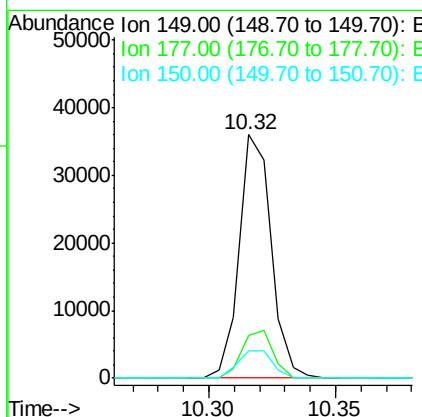
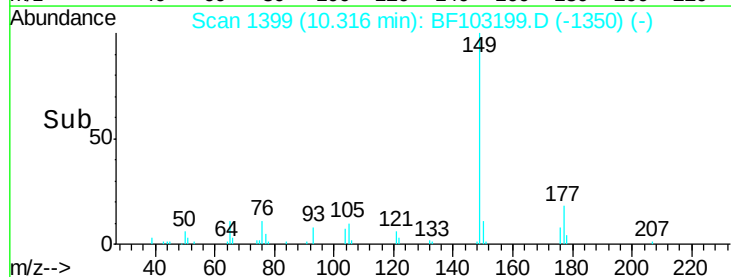
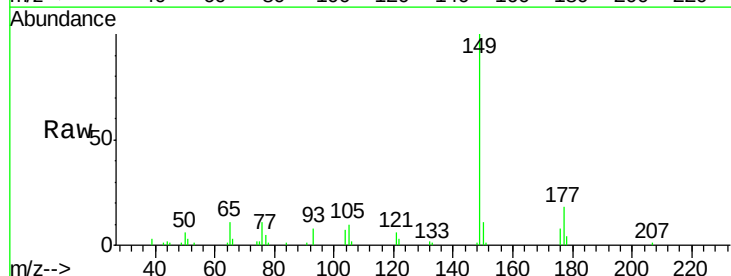
Instrument :
 BNA_F
 ClientSampleId :

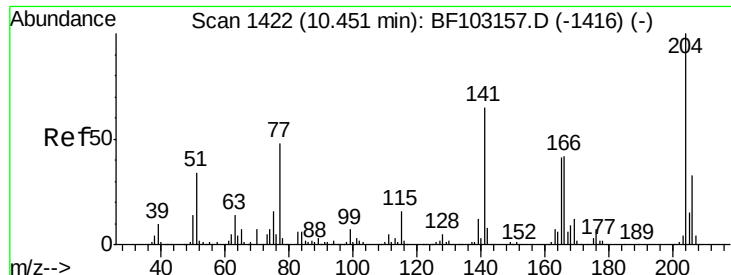
Tot Ion:	232	Resp:	5039
Ion	Ratio	Lower	Upper
232	100		
131	49.3	43.8	65.8
130	0.0	2.1	3.1#
166	29.5	27.8	41.6



#59
 Diethylphthalate
 Concen: 1.149 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Tgt Ion:	149	Resp:	31496
Ion	Ratio	Lower	Upper
149	100		
177	17.6	16.1	24.1
150	11.0	10.1	15.1

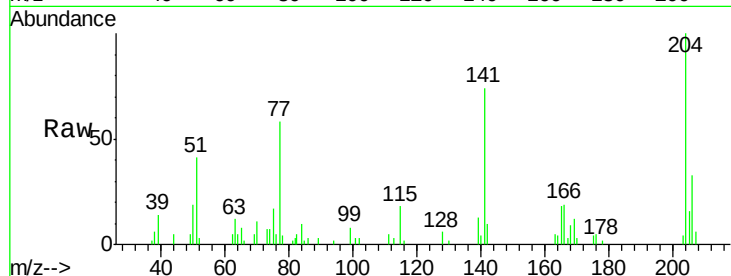




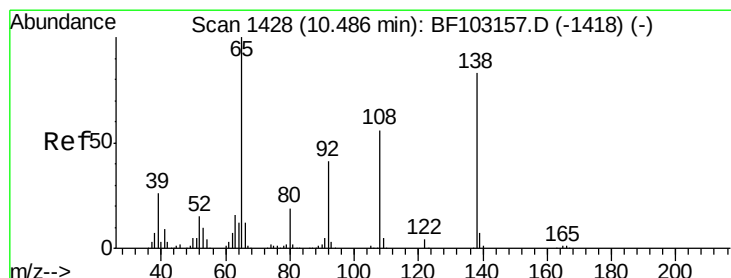
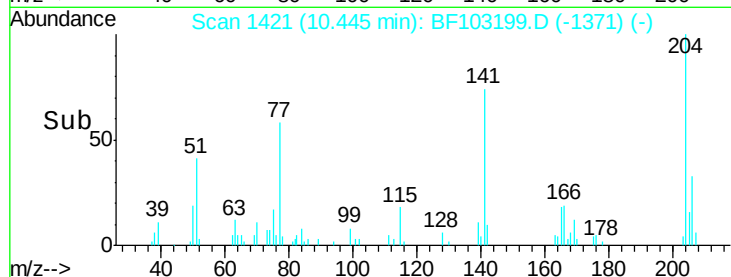
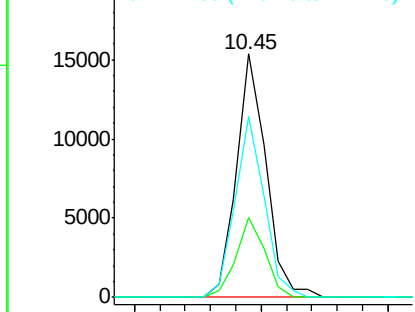
#60
 4-Chlorophenyl-phenylether
 Concen: 1.183 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 12468
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 74.4 54.6 81.8

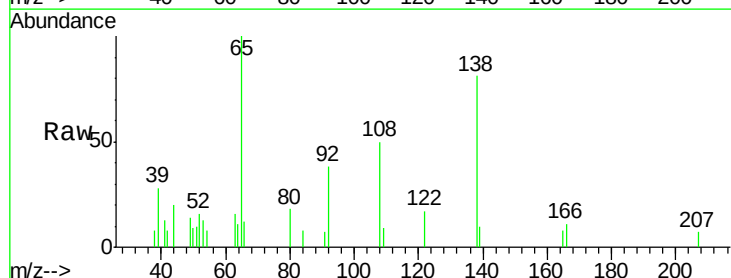


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

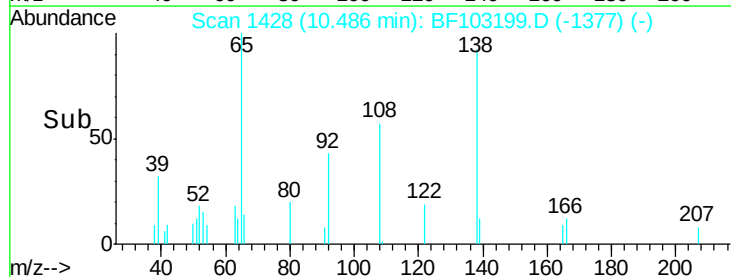
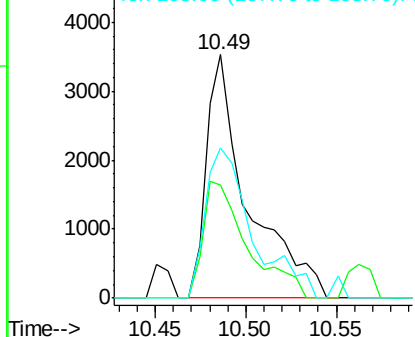


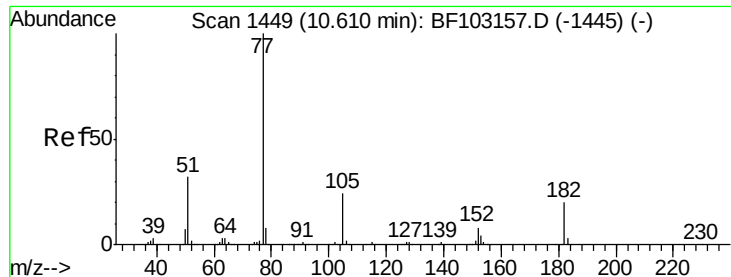
#61
 4-Nitroaniline
 Concen: 0.741 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Tgt Ion:138 Resp: 5647
 Ion Ratio Lower Upper
 138 100
 92 46.4 30.2 70.2
 108 61.6 52.5 92.5



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





#62

Azobenzene

Concen: 1.133 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 31613

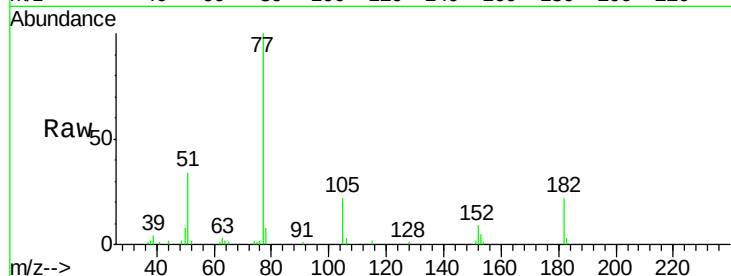
Ion Ratio Lower Upper

77 100

182 21.7 1.7 41.7

105 21.6 3.0 43.0

51 33.6 9.9 49.9

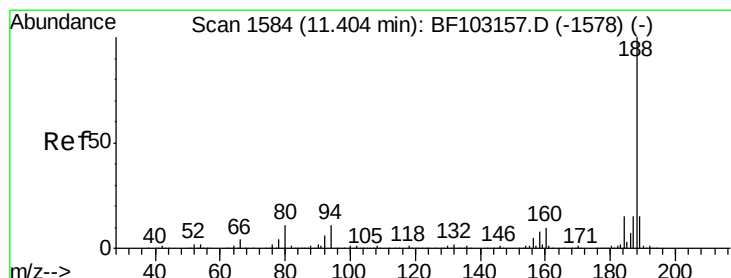
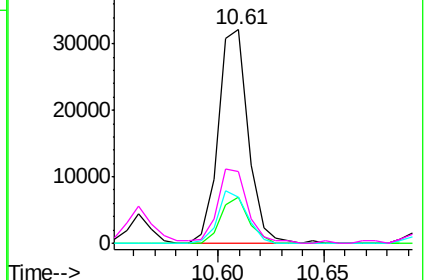
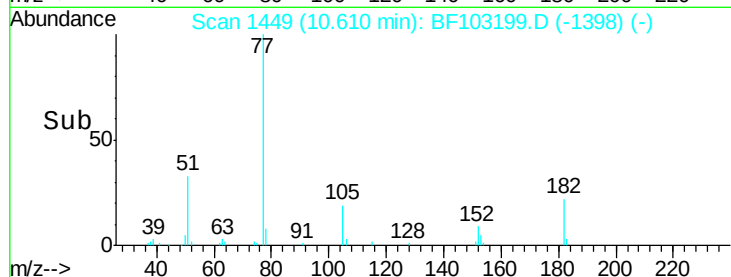


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

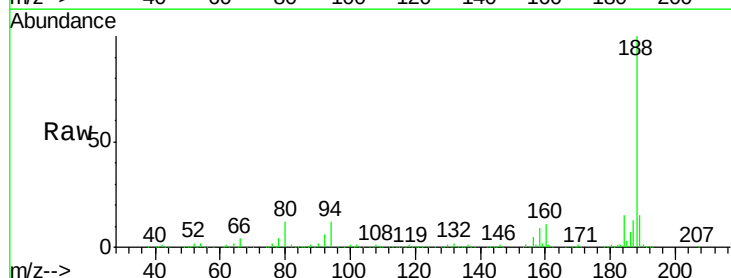
Tgt Ion: 188 Resp: 627615

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

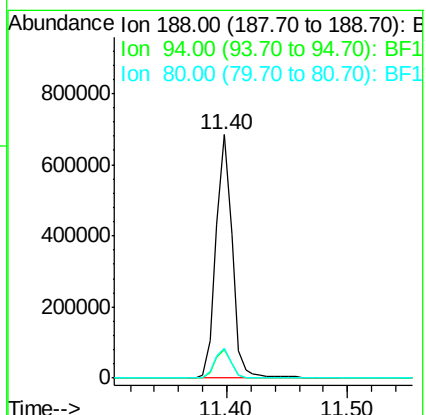
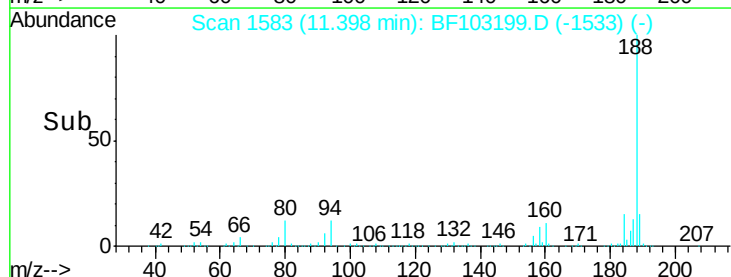
80 12.3 9.2 13.8

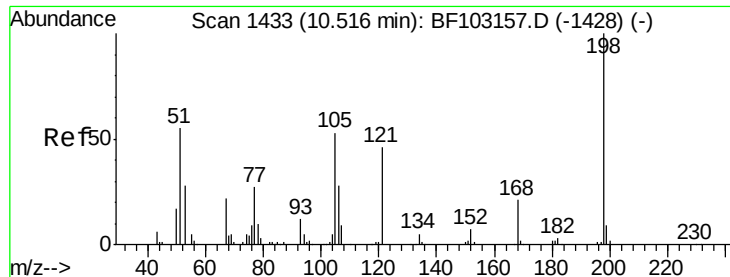


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

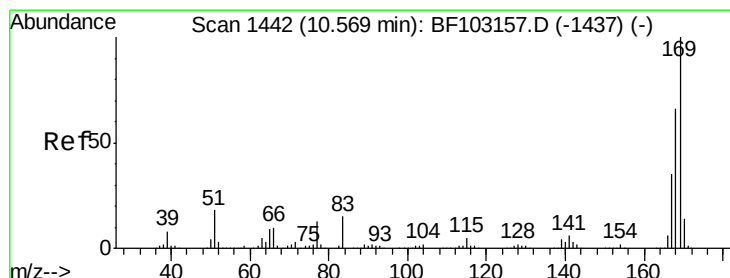
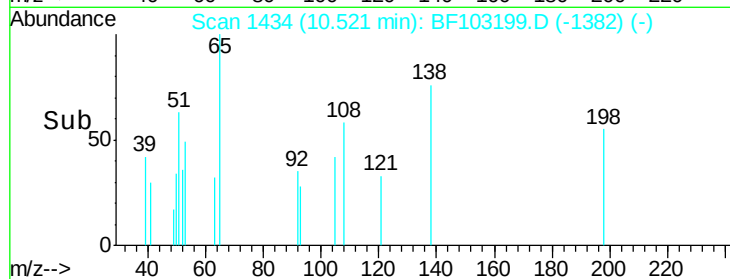
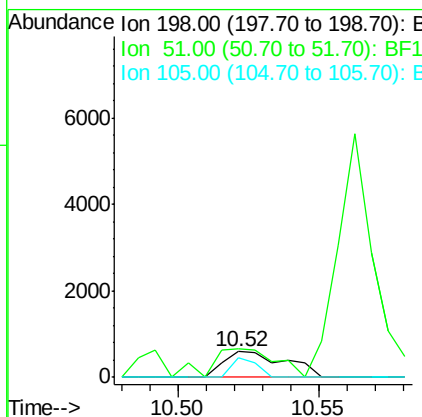
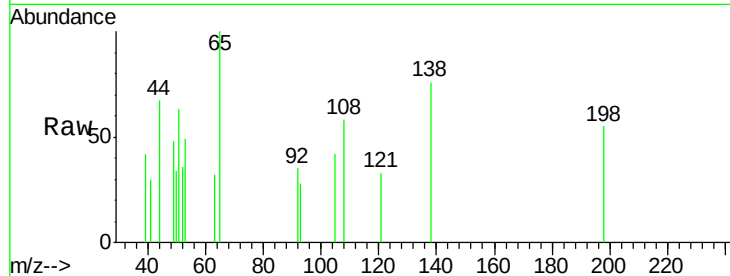




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.157 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

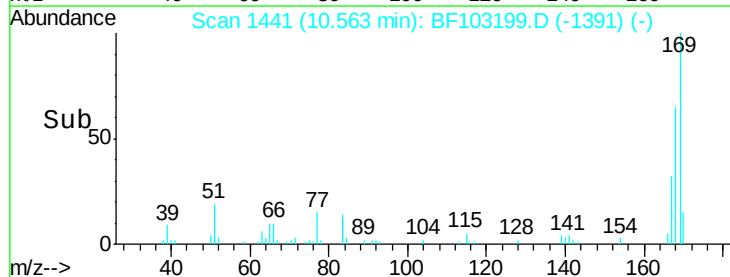
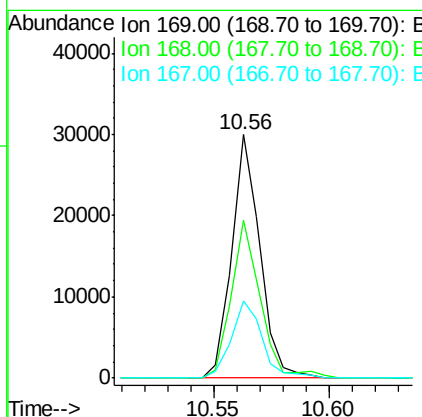
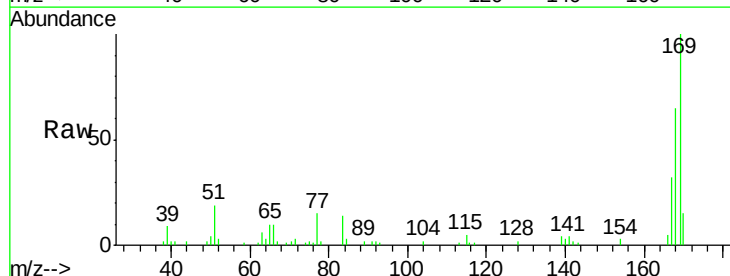
Instrument :
 BNA_F
 ClientSampleId :

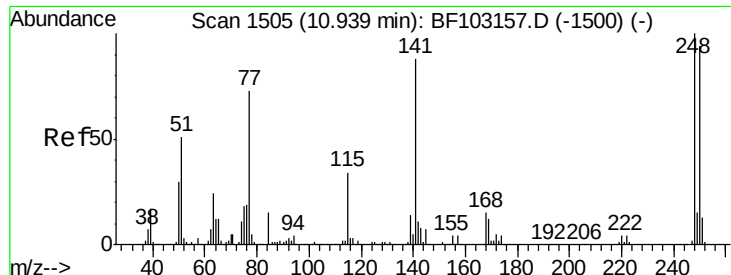
Tot Ion:198 Resp: 901
 Ion Ratio Lower Upper
 198 100
 51 113.9 37.7 77.7#
 105 76.8 36.3 76.3#



#65
 n-Nitrosodiphenylamine
 Concen: 1.165 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103199.D
 Acq: 23 Feb 2018 15:04

Tgt Ion:169 Resp: 25460
 Ion Ratio Lower Upper
 169 100
 168 65.0 54.4 81.6
 167 31.8 29.8 44.6

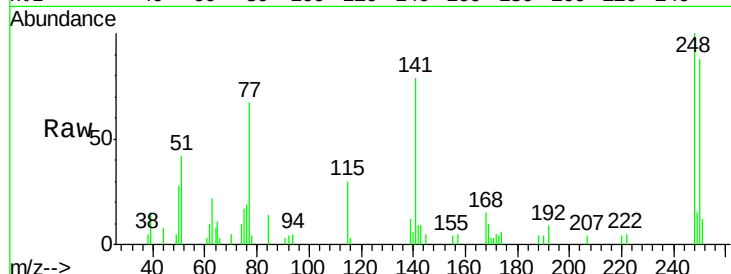




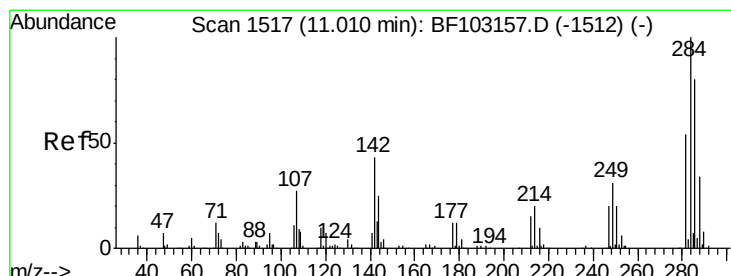
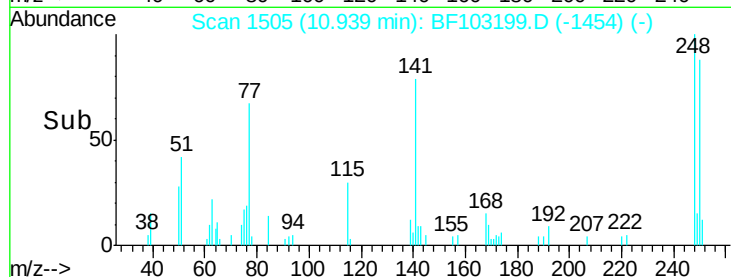
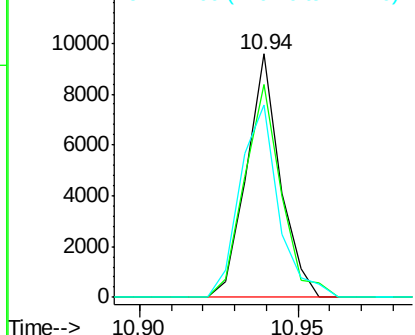
#66
4-Bromophenyl-phenylether
Concen: 1.077 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7044
Ion Ratio Lower Upper
248 100
250 87.5 76.9 115.3
141 79.1 74.4 111.6

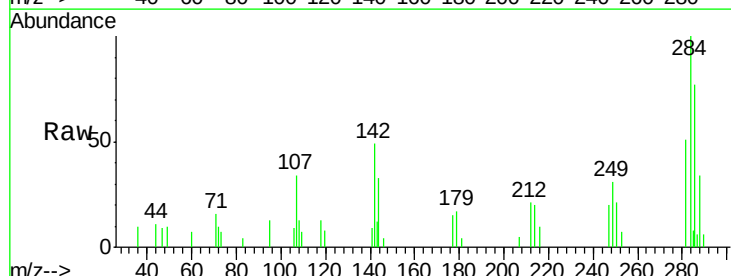


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

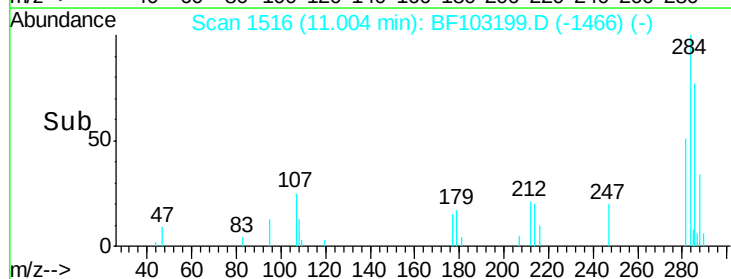
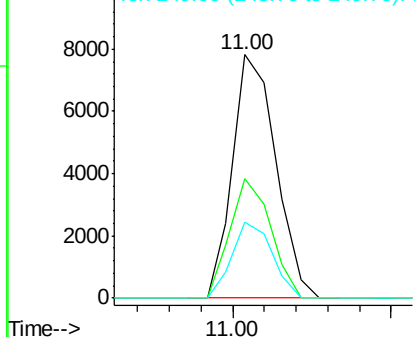


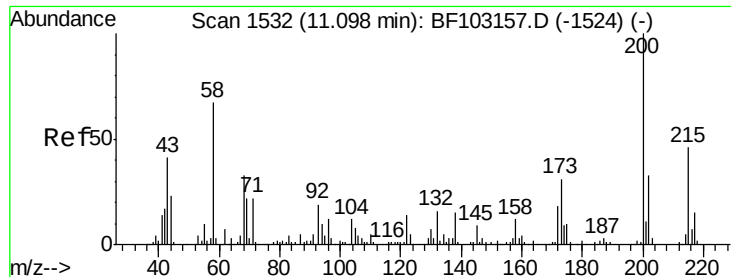
#67
Hexachlorobenzene
Concen: 1.043 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:284 Resp: 7403
Ion Ratio Lower Upper
284 100
142 48.9 34.6 52.0
249 31.3 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

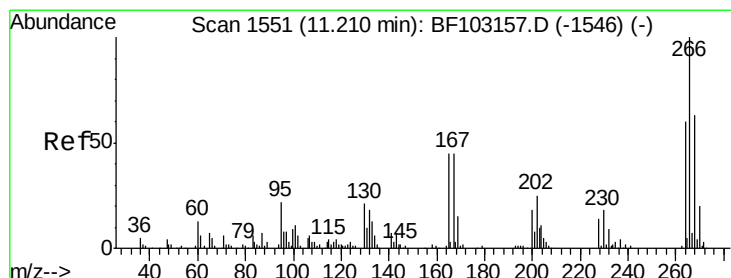
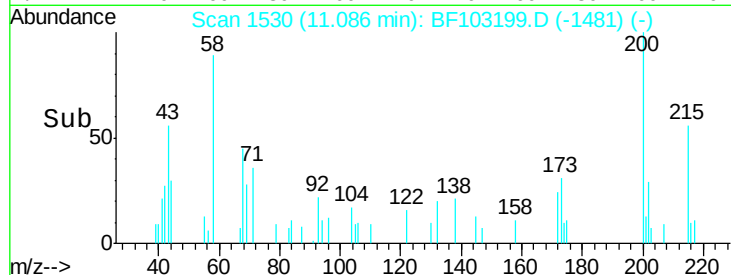
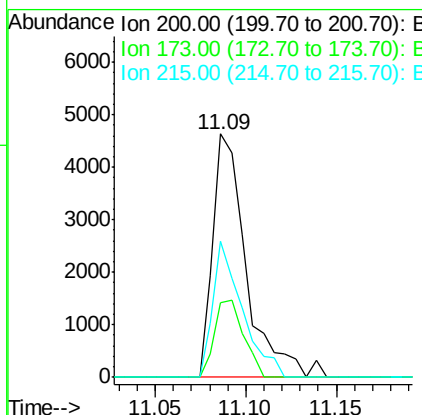
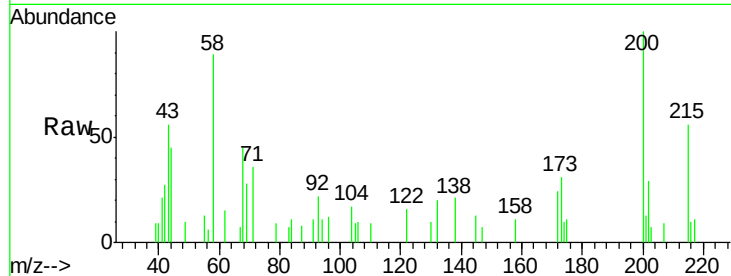




#68
Atrazine
Concen: 0.911 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

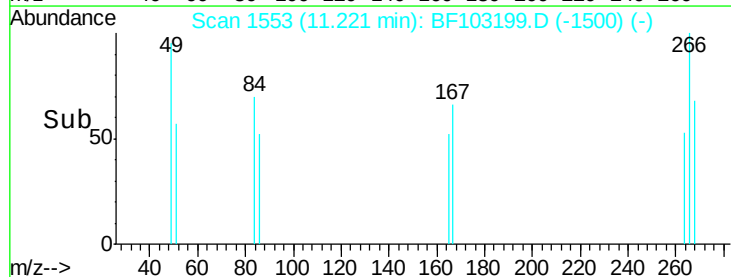
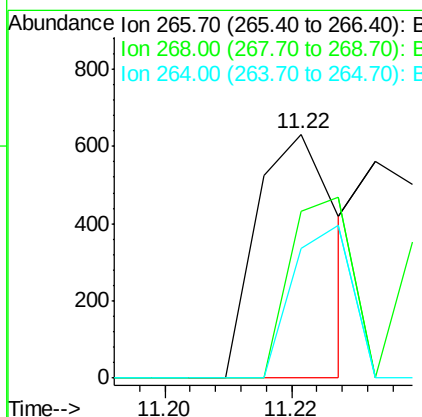
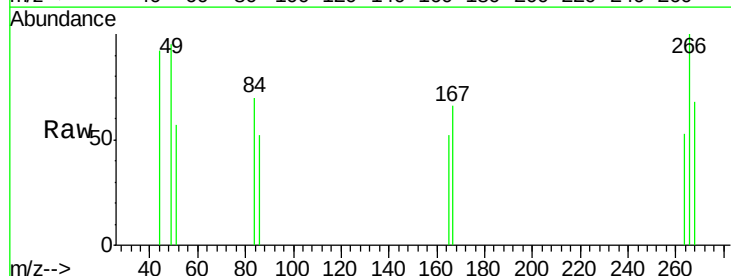
Instrument :
BNA_F
ClientSampleId :

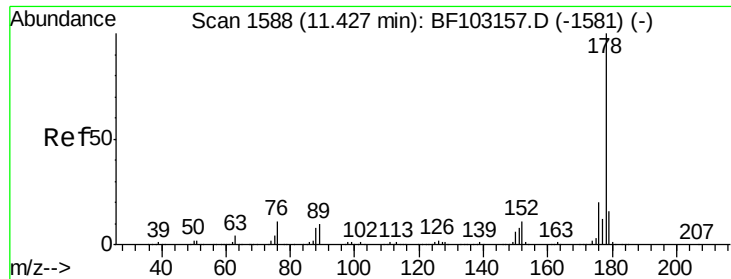
Tot Ion:200 Resp: 5985
Ion Ratio Lower Upper
200 100
173 30.6 8.6 48.6
215 56.0 25.1 65.1



#69
Pentachlorophenol
Concen: 0.162 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:266 Resp: 556
Ion Ratio Lower Upper
266 100
268 68.5 51.1 76.7
264 53.4 49.5 74.3





#70

Phenanthrene

Concen: 1.208 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

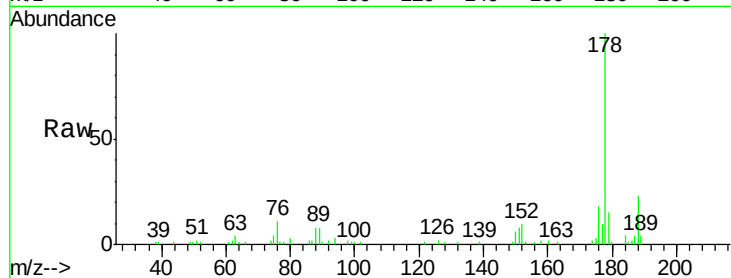
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 41712

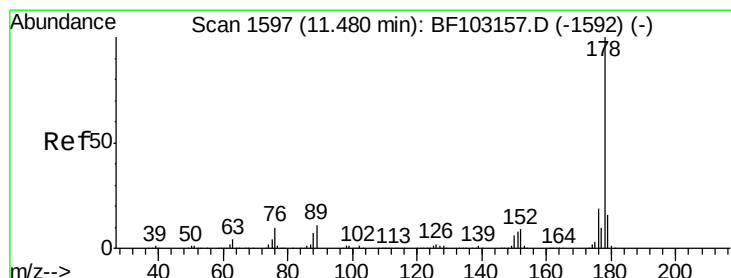
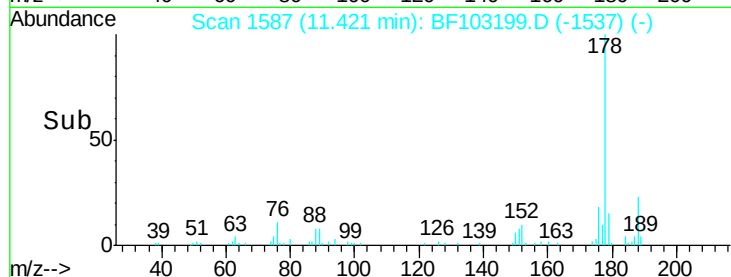
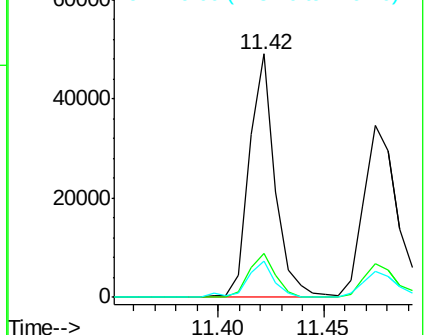
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.7	13.0	19.6



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: 1.125 ng

RT: 11.47 min Scan# 1596

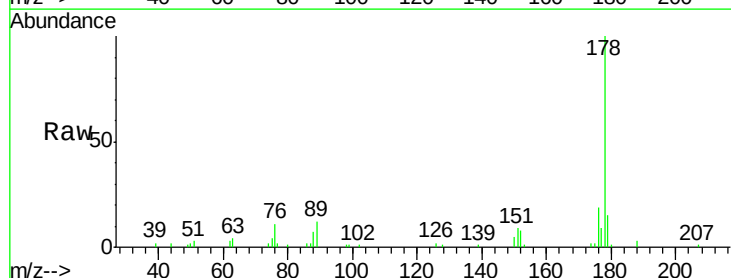
Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Tgt Ion:178 Resp: 39834

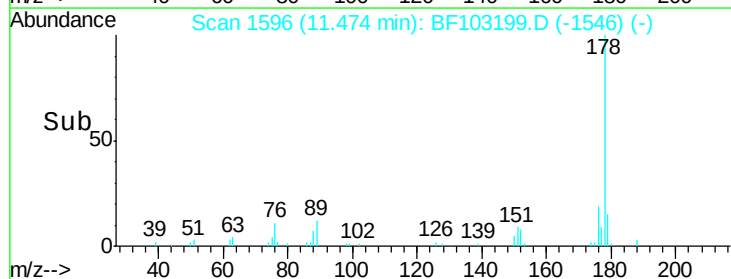
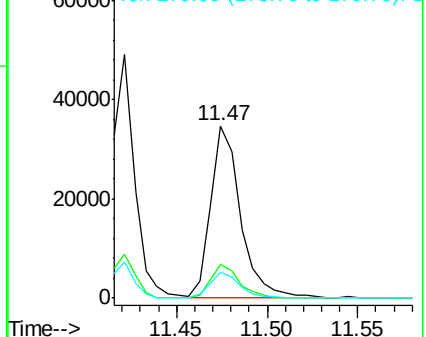
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	14.8	12.6	19.0

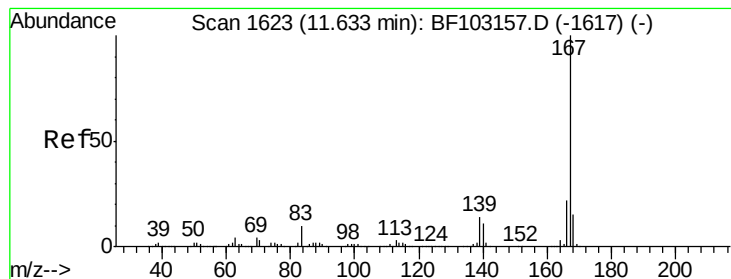


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 1.061 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

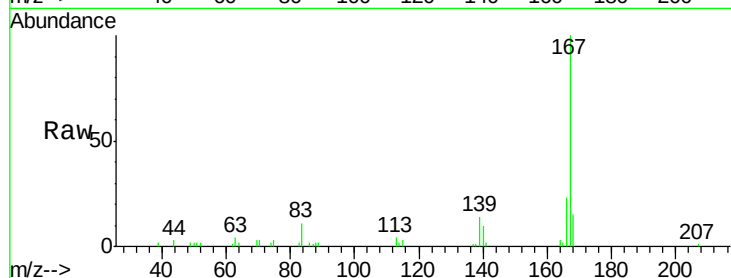
Tot Ion:167 Resp: 37432

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

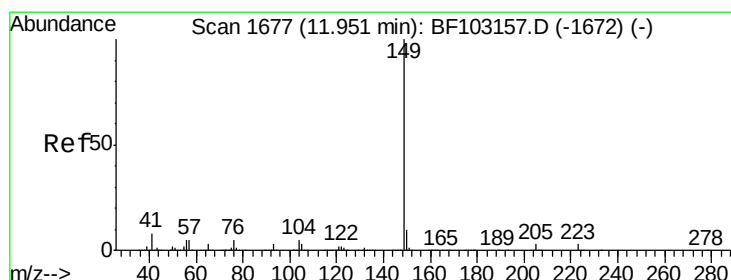
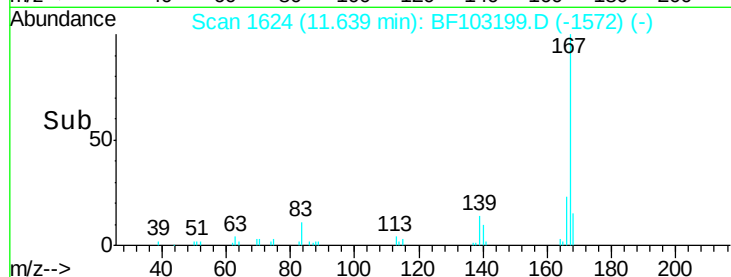
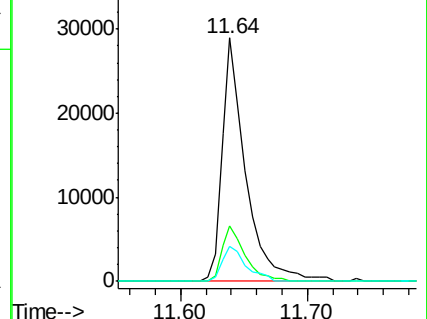
139 14.2 10.9 16.3



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: 1.097 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

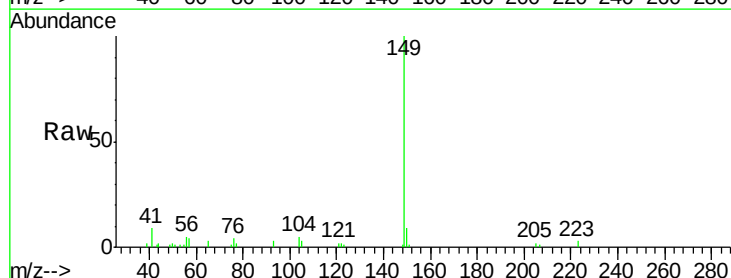
Tgt Ion:149 Resp: 48410

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.6

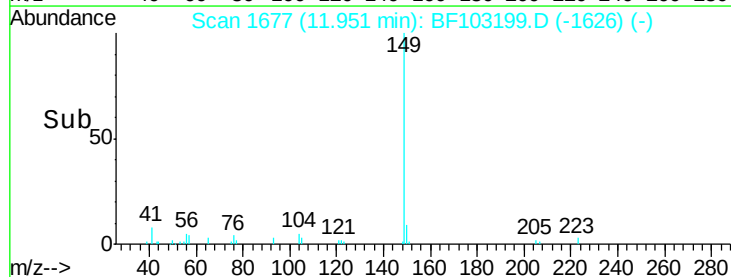
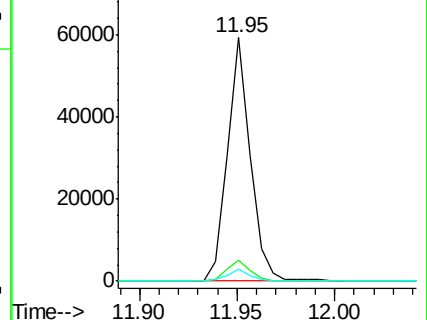
104 4.7 3.8 5.8

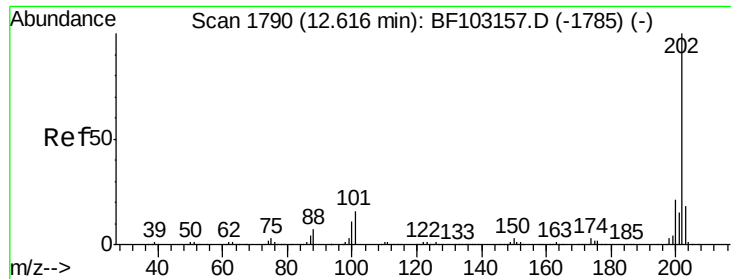


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

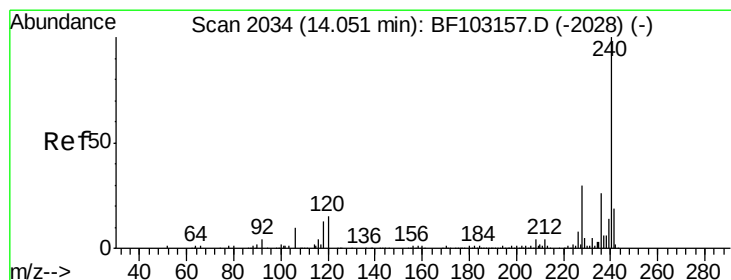
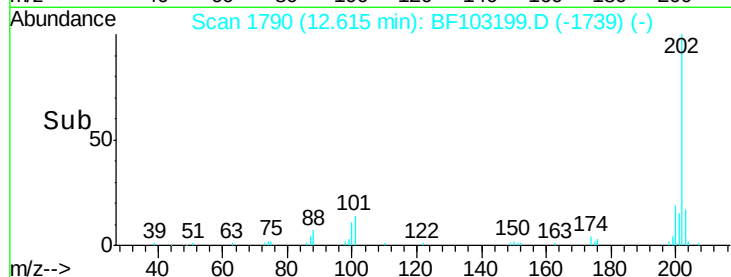
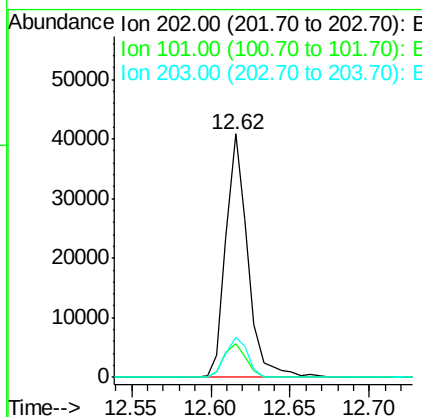
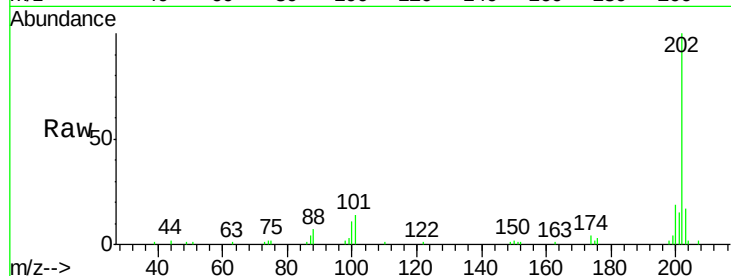




#74
Fluoranthene
Concen: 1.128 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

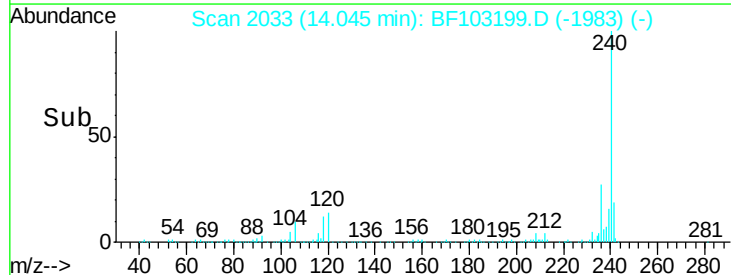
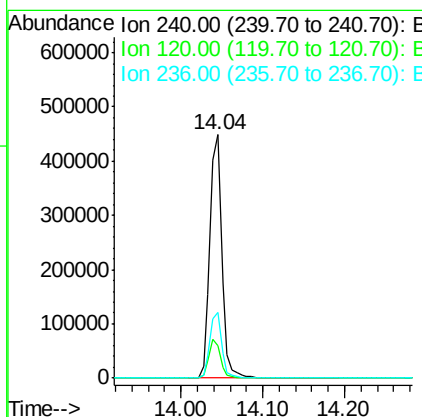
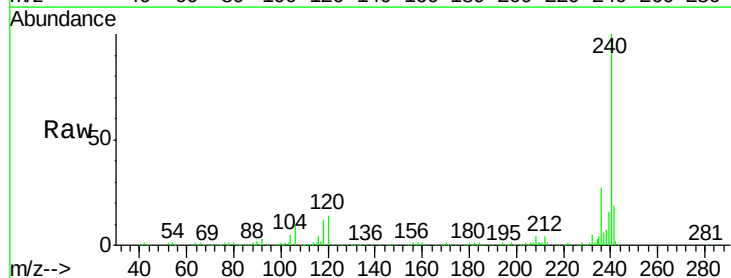
Instrument :
BNA_F
ClientSampleId :

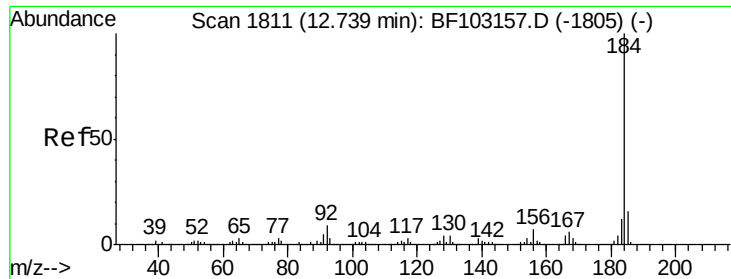
Tot Ion:202 Resp: 39152
Ion Ratio Lower Upper
202 100
101 14.1 0.0 34.1
203 16.6 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:240 Resp: 459352
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.9 20.7 31.1





#76

Benzidine

Concen: 0.467 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

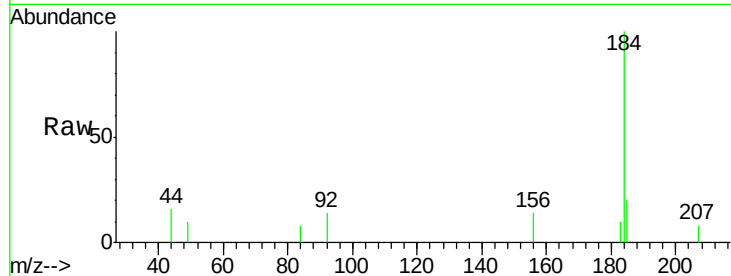
Tot Ion:184 Resp: 8012

Ion Ratio Lower Upper

184 100

185 19.9 12.6 18.8#

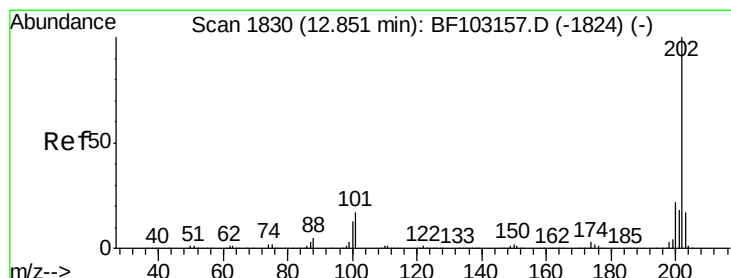
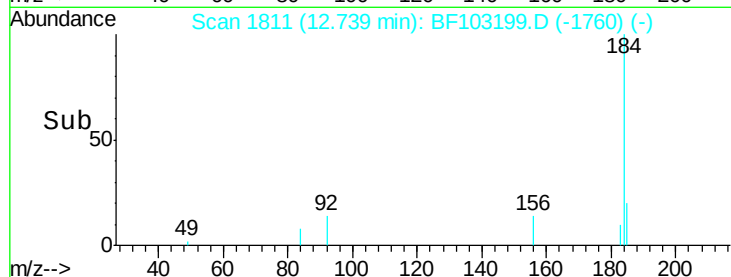
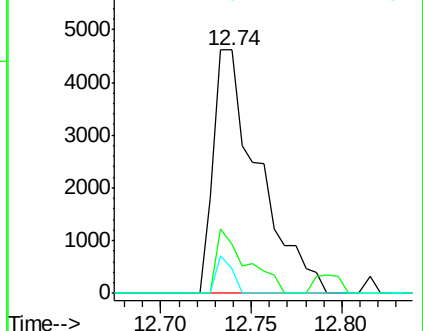
183 10.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 1.134 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

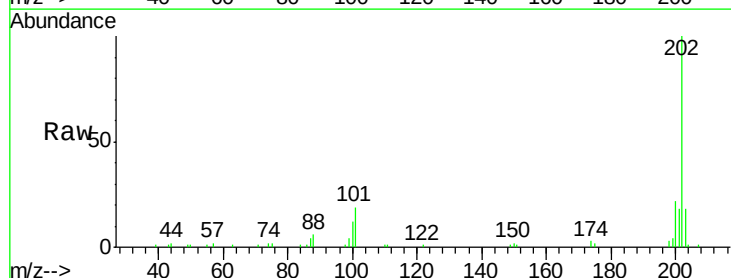
Tgt Ion:202 Resp: 40618

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

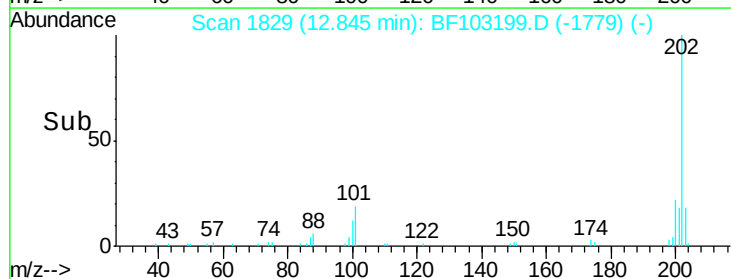
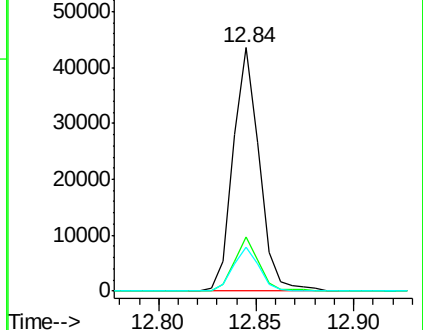
203 18.0 14.3 21.5

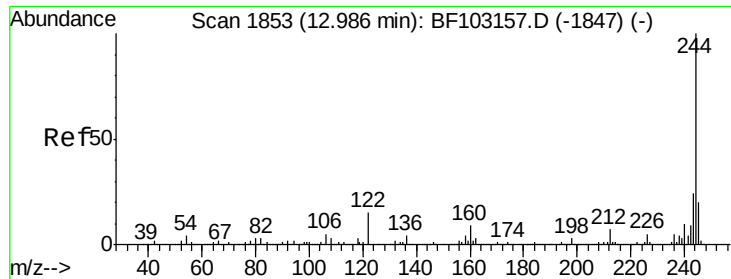


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.561 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

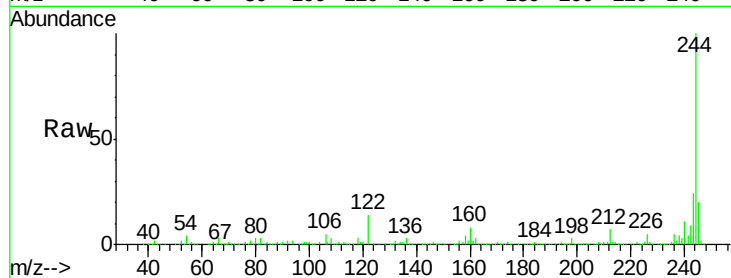
Tot Ion:244 Resp: 1443881

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

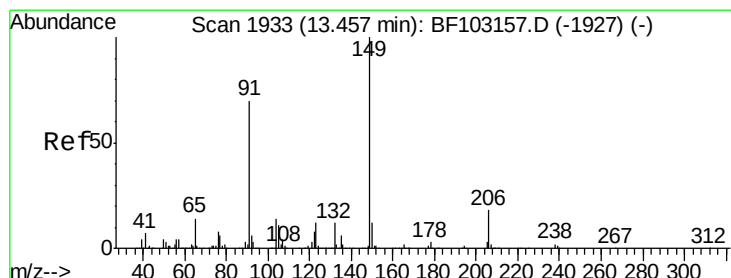
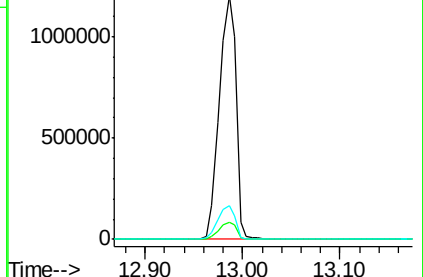
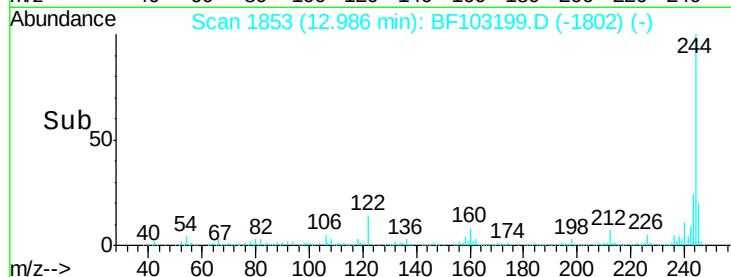
122 14.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.898 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

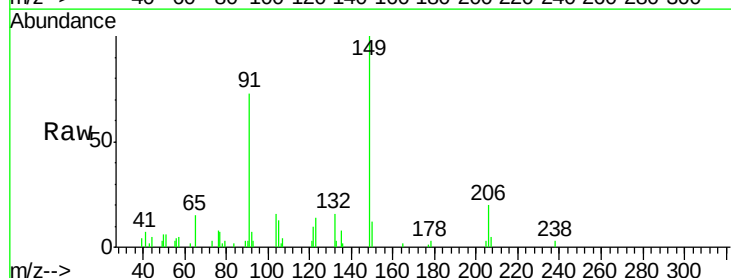
Tgt Ion:149 Resp: 16996

Ion Ratio Lower Upper

149 100

91 72.9 56.8 85.2

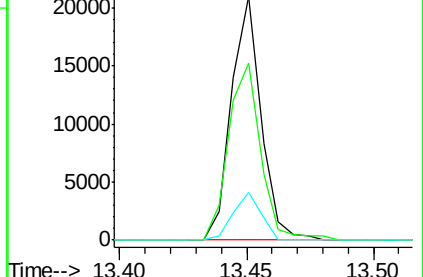
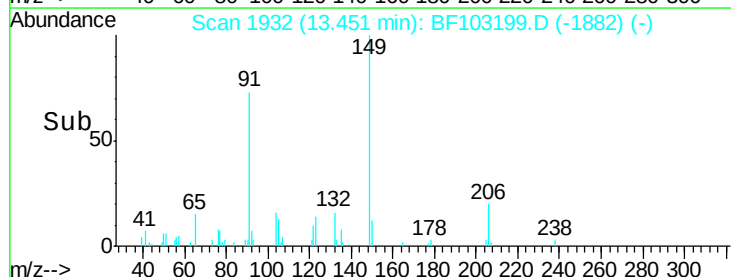
206 19.8 14.1 21.1

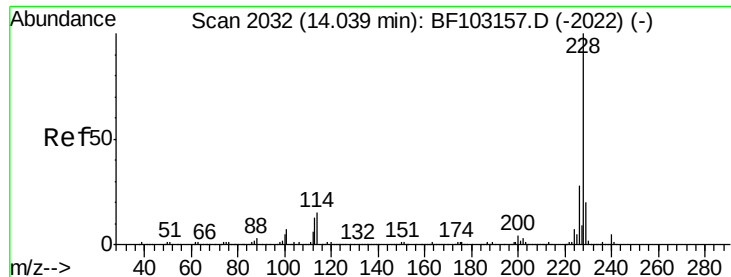


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.082 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.03 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

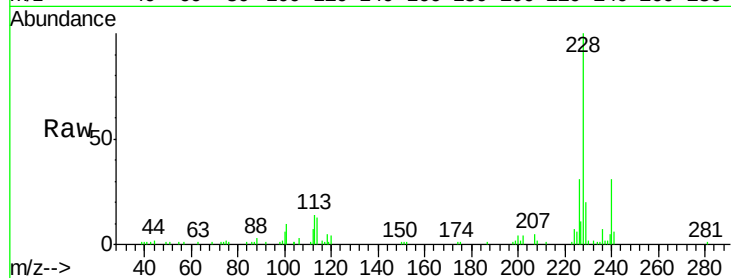
Tot Ion:228 Resp: 32253

Ion Ratio Lower Upper

228 100

226 31.0 22.6 33.8

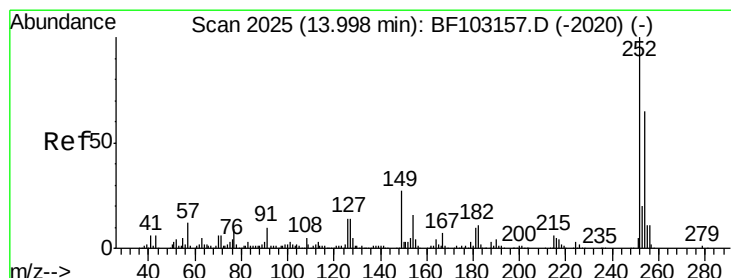
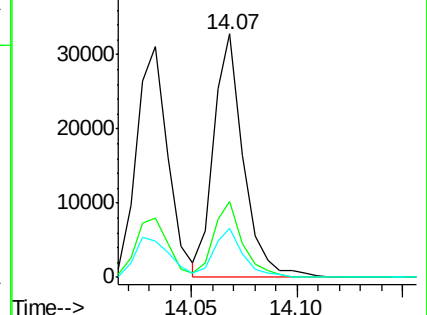
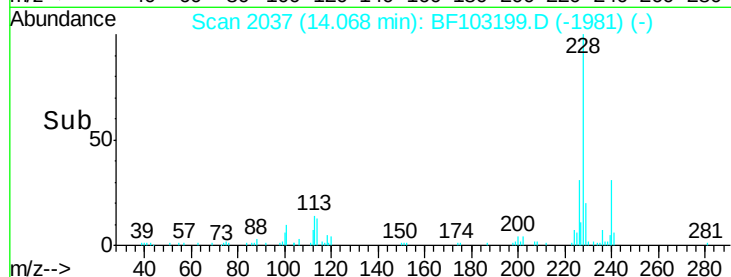
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.915 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

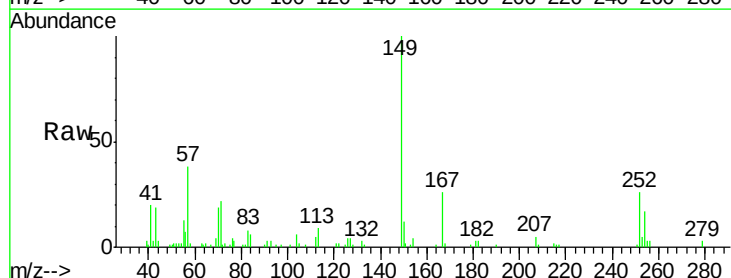
Tgt Ion:252 Resp: 9732

Ion Ratio Lower Upper

252 100

254 64.7 50.4 75.6

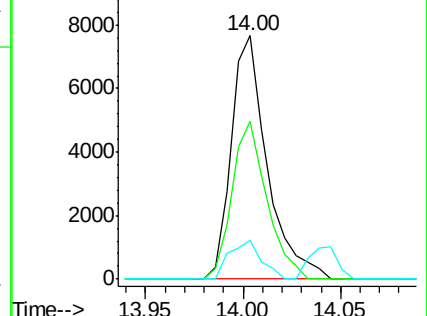
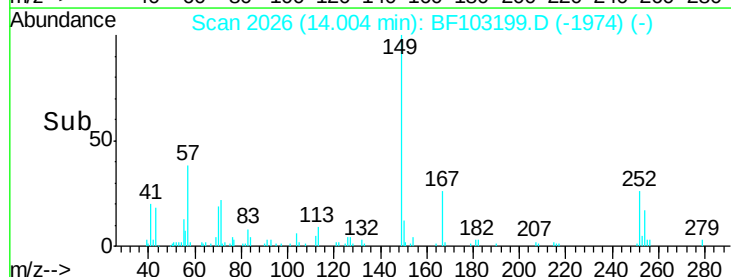
126 15.7 11.3 16.9

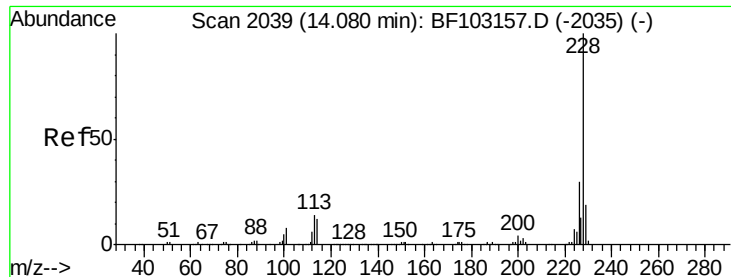


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.115 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

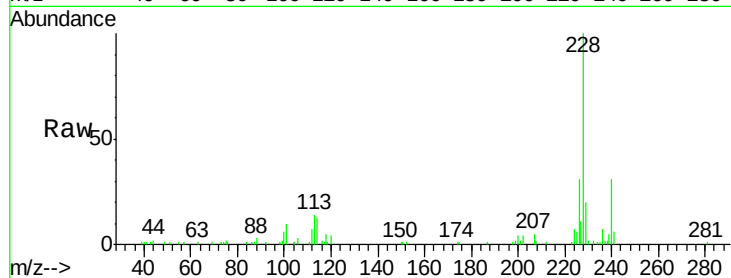
Tot Ion:228 Resp: 32253

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

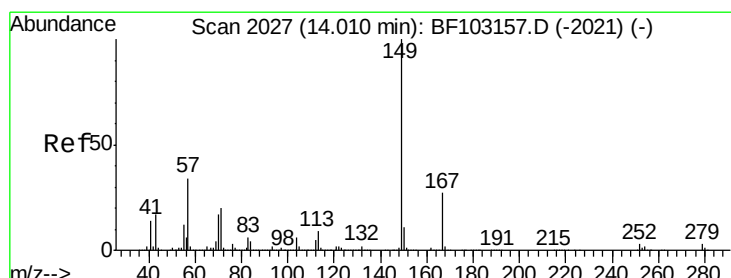
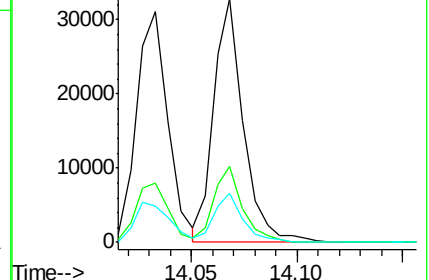
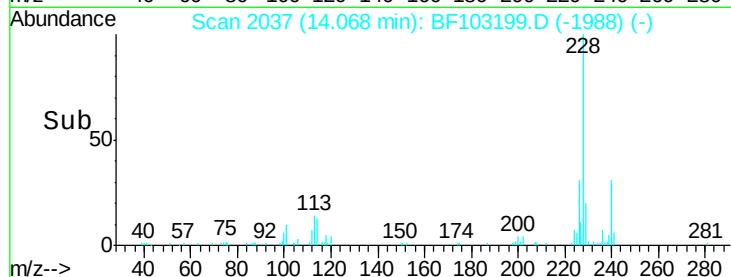
229 20.1 16.2 24.4



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: 1.034 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

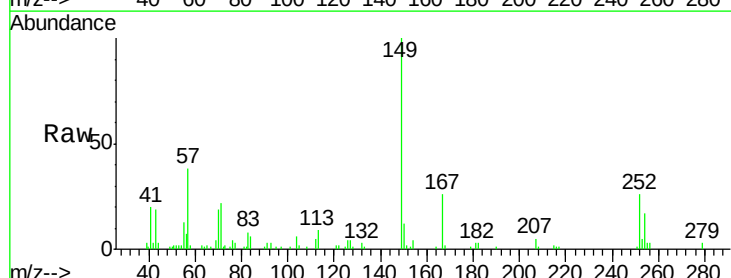
Tgt Ion:149 Resp: 26399

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

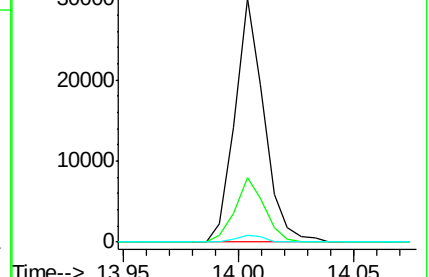
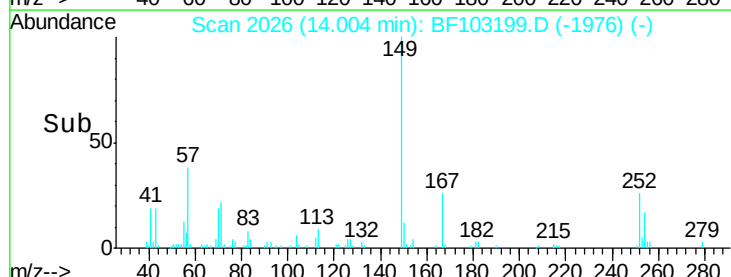
279 2.7 3.0 4.4#

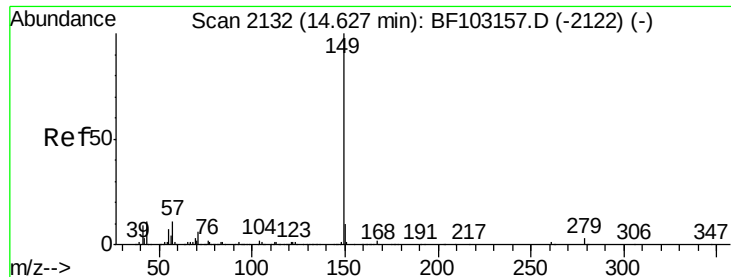


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

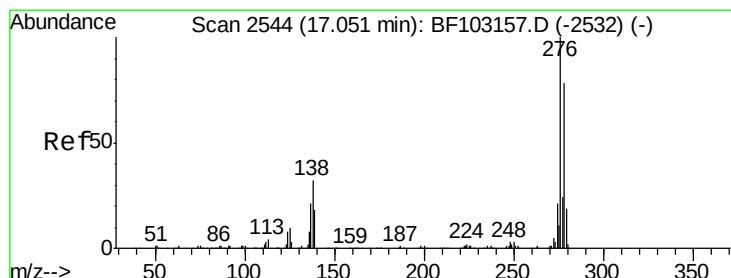
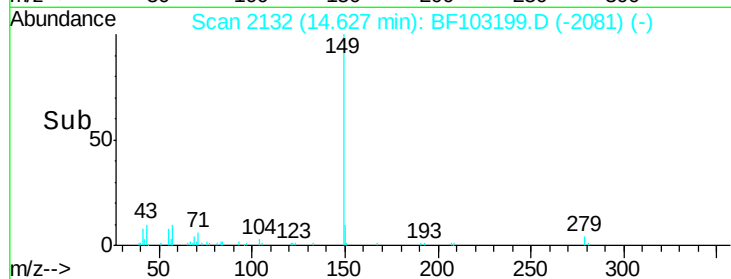
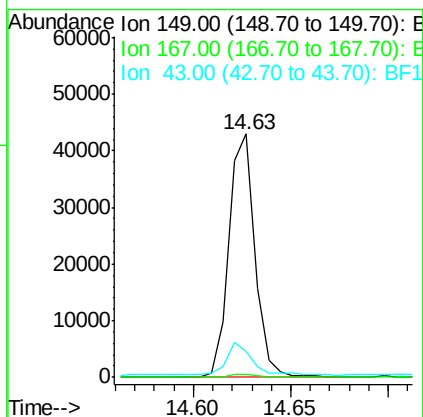
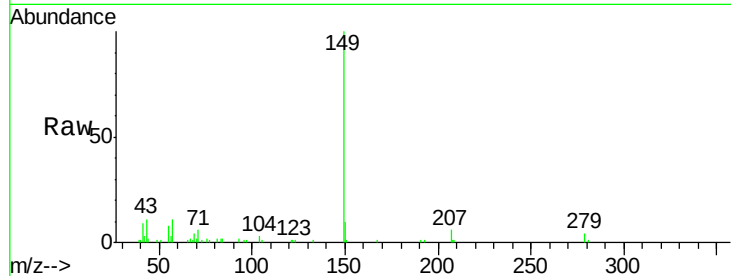




#84
Di-n-octyl phthalate
Concen: 0.962 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

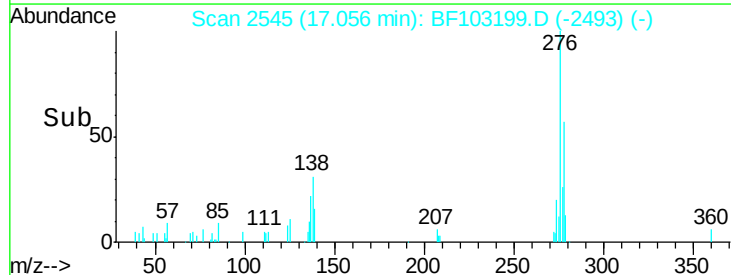
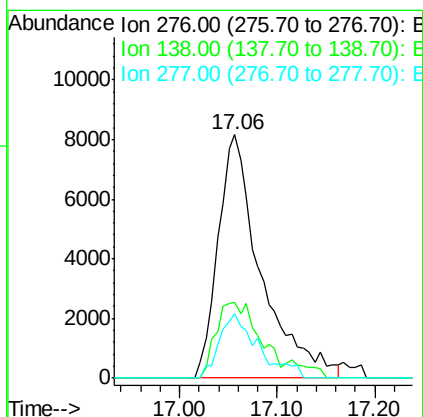
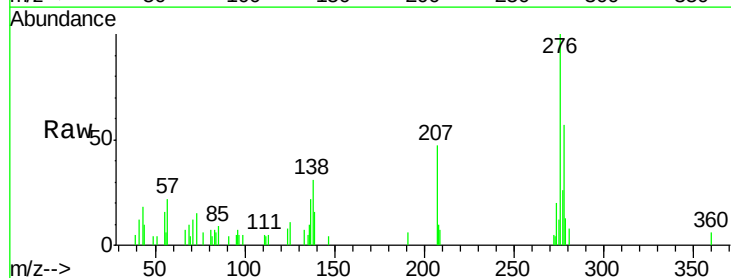
Instrument :
BNA_F
ClientSampled :

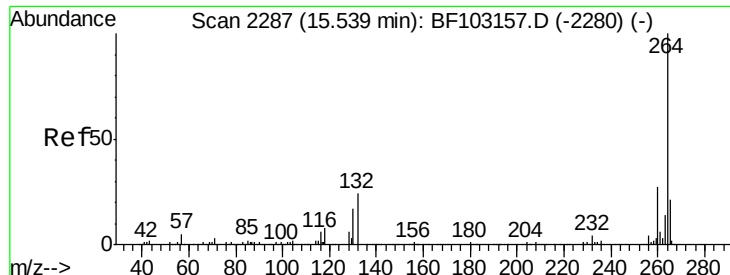
Tot Ion:149 Resp: 39682
Ion Ratio Lower Upper
149 100
167 1.2 1.2 1.8
43 13.8 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 1.086 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:276 Resp: 24877
Ion Ratio Lower Upper
276 100
138 31.8 25.0 37.6
277 24.0 20.1 30.1

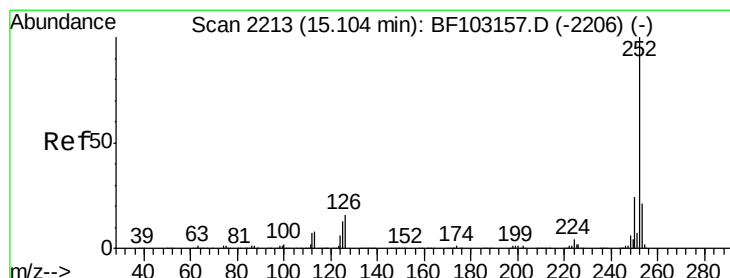
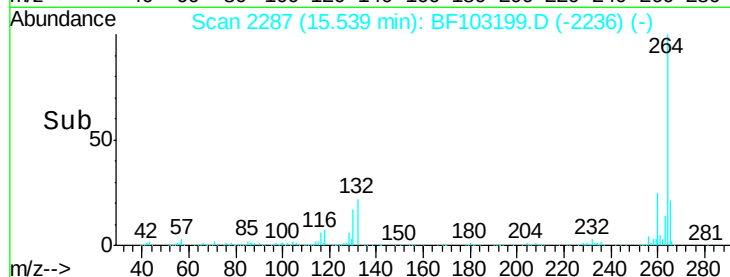
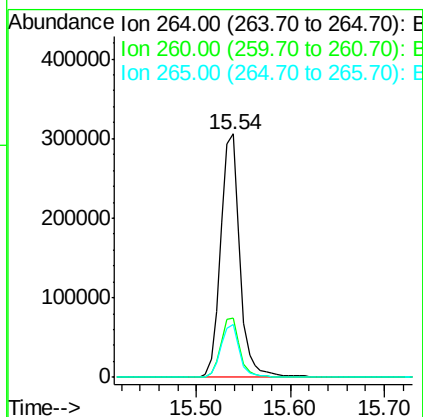
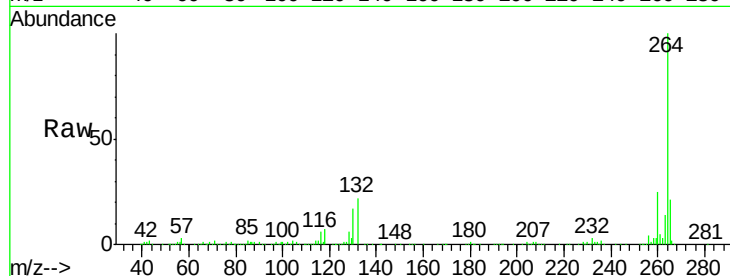




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

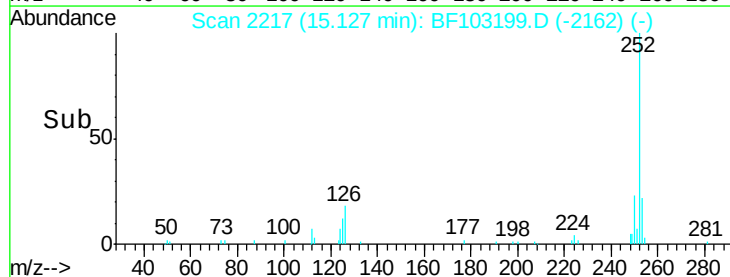
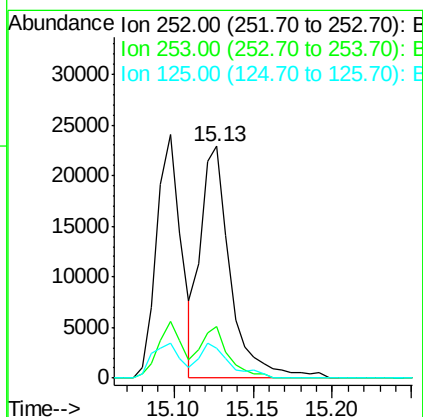
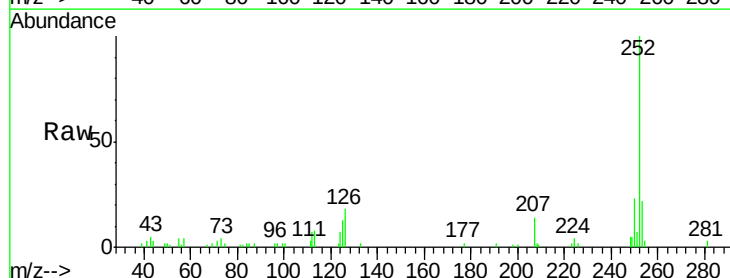
Instrument :
BNA_F
ClientSampleId :

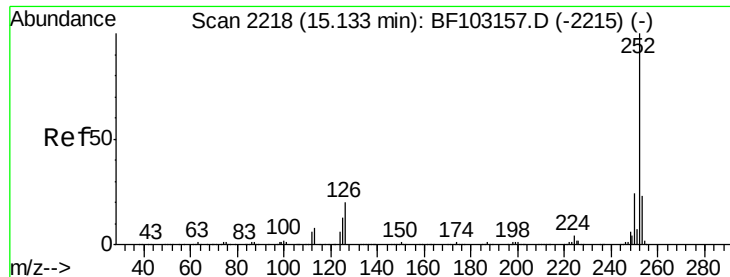
Tot Ion:264 Resp: 436532
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 1.056 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:252 Resp: 30319
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.9 9.0 13.6

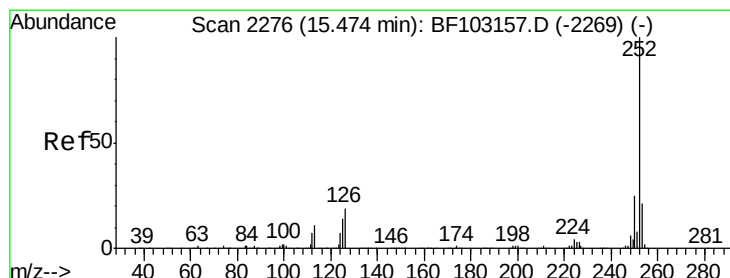
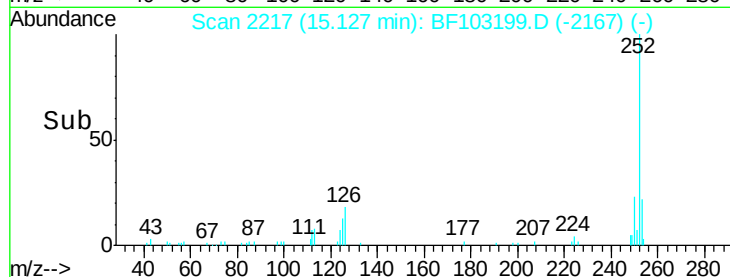
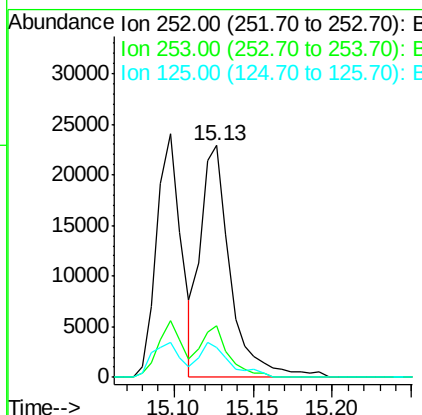
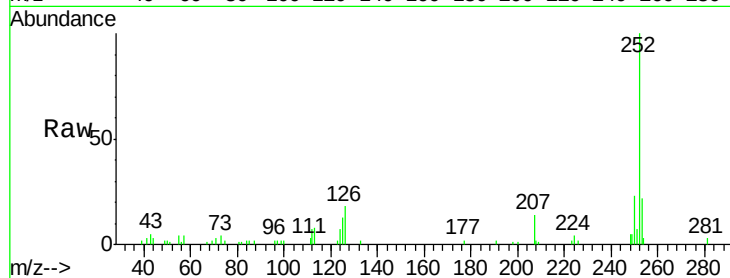




#88
Benzo(k)fluoranthene
Concen: 1.122 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

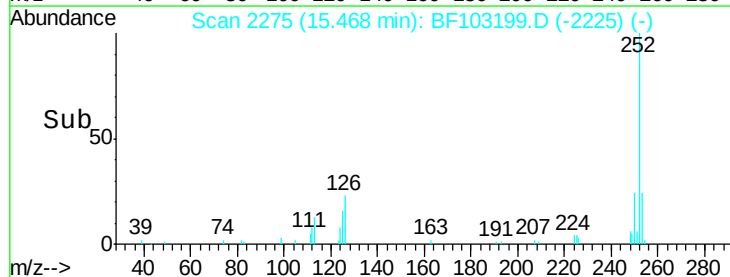
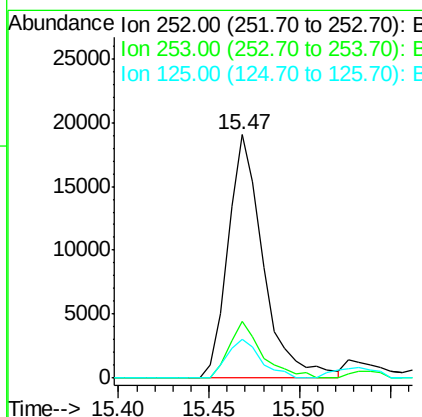
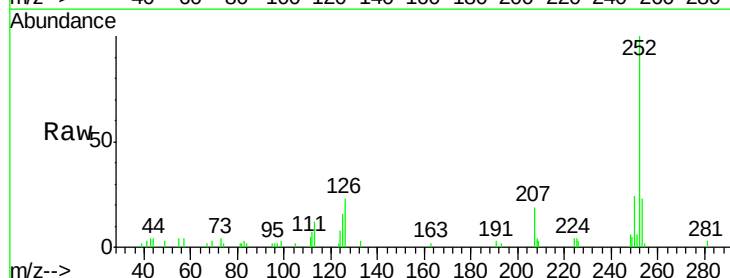
Instrument :
BNA_F
ClientSampleId :

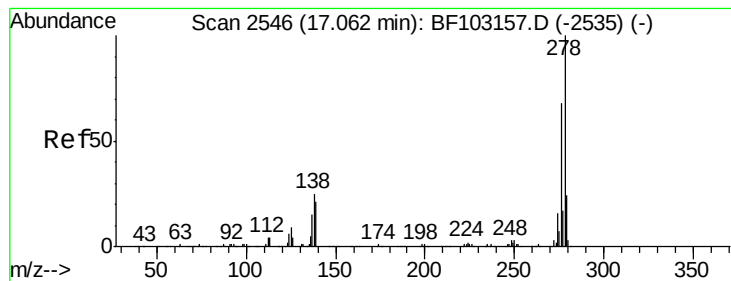
Tot Ion:252 Resp: 30319
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 1.005 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF103199.D
Acq: 23 Feb 2018 15:04

Tgt Ion:252 Resp: 25766
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 15.8 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 1.018 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

Instrument :

BNA_F

ClientSampleId :

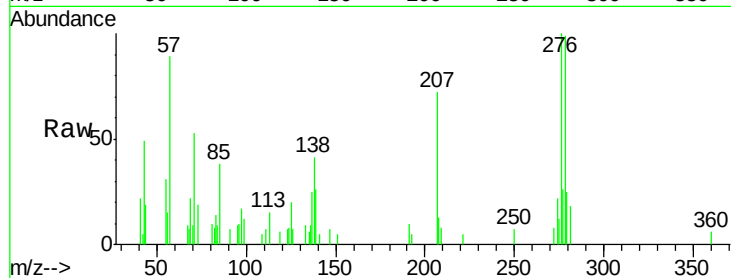
Tot Ion:278 Resp: 20153

Ion Ratio Lower Upper

278 100

139 25.7 15.9 23.9#

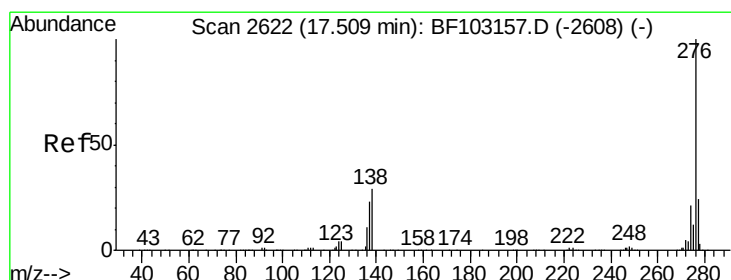
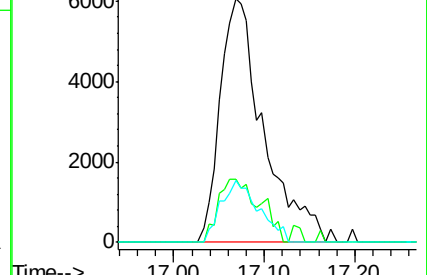
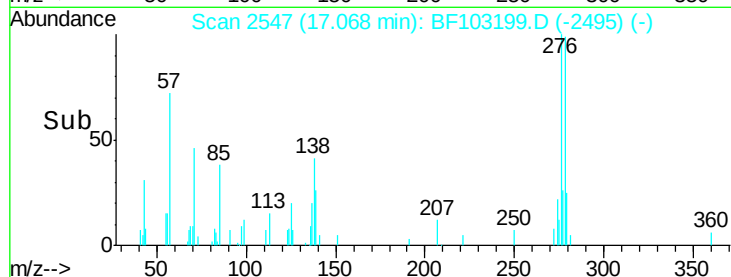
279 25.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.017 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BF103199.D

Acq: 23 Feb 2018 15:04

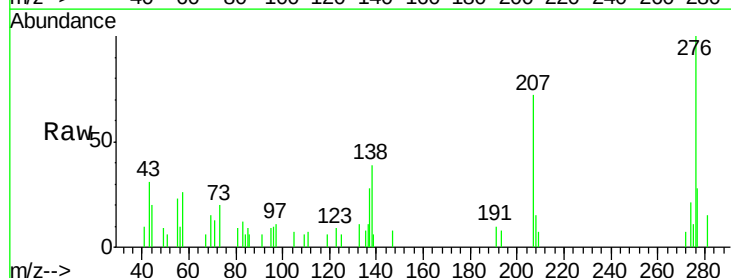
Tgt Ion:276 Resp: 19693

Ion Ratio Lower Upper

276 100

277 28.1 17.9 26.9#

138 45.0 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

