

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103197.D
 Acq On : 23 Feb 2018 14:11
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD-S-8ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 16:46:58 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	172849	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	748533	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	351197	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	605290	20.00	ng	0.00
75) Chrysene-d12	14.04	240	459789	20.00	ng	0.00
86) Perylene-d12	15.54	264	438297	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1260659	110.31	ng	0.00
7) Phenol-d6	6.50	99	1557707	111.39	ng	0.00
23) Nitrobenzene-d5	7.44	82	1149484	87.70	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	343257	115.47	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1720907	84.21	ng	0.00
78) Terphenyl-d14	12.99	244	1433304	74.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	44470	7.367	ng	94
3) Pyridine	3.53	79	107346	6.661	ng	97
4) n-Nitrosodimethylamine	3.38	42	46277	7.121	ng	# 92
6) Aniline	6.53	93	163046	8.078	ng	96
8) 2-Chlorophenol	6.66	128	93714	7.893	ng	97
9) Benzaldehyde	6.43	77	54883	4.719	ng	96
10) Phenol	6.52	94	129471	7.975	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	100187	8.131	ng	92
12) 1,3-Dichlorobenzene	6.81	146	114400	8.432	ng	99
13) 1,4-Dichlorobenzene	6.89	146	112404	8.263	ng	100
14) 1,2-Dichlorobenzene	7.04	146	101722	8.110	ng	97
15) Benzyl Alcohol	7.01	79	100206	9.509	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	169824	8.026	ng	100
17) 2-Methylphenol	7.12	107	87419	8.102	ng	98
18) Hexachloroethane	7.38	117	40138	8.106	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	82027	9.425	ng	99
20) 3+4-Methylphenols	7.27	107	115943	8.816	ng	# 40
22) Acetophenone	7.27	105	155727	8.913	ng	# 90
24) Nitrobenzene	7.45	77	119620	8.289	ng	93
25) Isophorone	7.69	82	209122	8.101	ng	97
26) 2-Nitrophenol	7.77	139	51754	7.618	ng	97
27) 2,4-Dimethylphenol	7.80	122	75942	7.313	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	125153	8.246	ng	99
29) 2,4-Dichlorophenol	8.01	162	78434	7.889	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	86101	8.133	ng	97
31) Naphthalene	8.17	128	311331	8.495	ng	99
32) Benzoic acid	7.89	122	37689	11.101	ng	93
33) 4-Chloroaniline	8.22	127	124388	7.866	ng	96
34) Hexachlorobutadiene	8.29	225	45472	8.248	ng	97
35) Caprolactam	8.57	113	25797	7.383	ng	# 78
36) 4-Chloro-3-methylphenol	8.70	107	89907	8.018	ng	97
37) 2-Methylnaphthalene	8.86	142	202279	8.541	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	78667	8.194	ng	98
40) Hexachlorocyclopentadiene	9.02	237	7400	10.826	ng	93

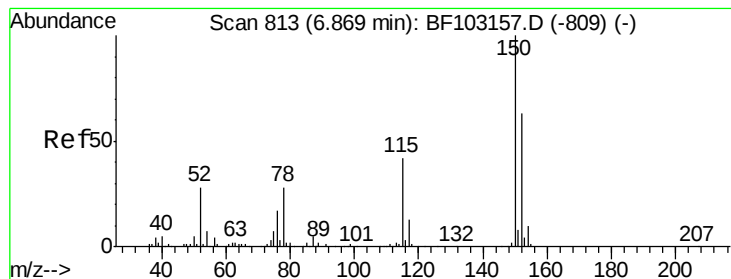
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	48567	7.518	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	53025	7.136	ng	95
45) 1,1'-Biphenyl	9.33	154	255342	8.677	ng	99
46) 2-Chloronaphthalene	9.36	162	191465	8.224	ng	99
47) 2-Nitroaniline	9.45	65	66628	7.726	ng	87
48) Acenaphthylene	9.77	152	305270	8.522	ng	99
49) Dimethylphthalate	9.62	163	227738	8.083	ng	100
50) 2,6-Dinitrotoluene	9.69	165	46592	7.880	ng	98
51) Acenaphthene	9.94	154	176249	8.438	ng	99
52) 3-Nitroaniline	9.86	138	55979	7.463	ng	99
53) 2,4-Dinitrophenol	9.98	184	8873	13.276	ng	# 19
54) Dibenzofuran	10.12	168	255257	8.902	ng	99
55) 4-Nitrophenol	10.03	139	27658	5.949	ng	94
56) 2,4-Dinitrotoluene	10.10	165	60396	8.077	ng	95
57) Fluorene	10.46	166	204893	8.388	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	36244	7.261	ng	92
59) Diethylphthalate	10.32	149	226197	8.395	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	88664	8.560	ng	98
61) 4-Nitroaniline	10.47	138	54323	7.251	ng	96
62) Azobenzene	10.61	77	239190	8.721	ng	99
64) 4,6-Dinitro-2-methylphenol	10.51	198	21098	10.084	ng	91
65) n-Nitrosodiphenylamine	10.56	169	176360	8.368	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	50441	8.000	ng	92
67) Hexachlorobenzene	11.00	284	55383	8.092	ng	96
68) Atrazine	11.09	200	49445	7.806	ng	98
69) Pentachlorophenol	11.20	266	20440	6.177	ng	100
70) Phenanthrene	11.42	178	282133	8.470	ng	99
71) Anthracene	11.47	178	290770	8.512	ng	98
72) Carbazole	11.63	167	281746	8.283	ng	99
73) Di-n-butylphthalate	11.95	149	359912	8.456	ng	98
74) Fluoranthene	12.62	202	282541	8.441	ng	99
76) Benzidine	12.73	184	74936	4.359	ng	95
77) Pyrene	12.85	202	292544	8.161	ng	99
79) Butylbenzylphthalate	13.45	149	142591	7.529	ng	95
80) Benzo(a)anthracene	14.03	228	230918	7.740	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	80471	7.558	ng	98
82) Chrysene	14.07	228	234692	8.102	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	204251	7.991	ng	# 99
84) Di-n-octyl phthalate	14.63	149	319348	7.733	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	198758	8.667	ng	98
87) Benzo(b)fluoranthene	15.10	252	209628	7.274	ng	97
88) Benzo(k)fluoranthene	15.13	252	214616	7.909	ng	99
89) Benzo(a)pyrene	15.47	252	196535	7.637	ng	# 97
90) Dibenzo(a,h)anthracene	17.05	278	159841	8.038	ng	# 95
91) Benzo(g,h,i)perylene	17.50	276	161570	8.314	ng	99

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

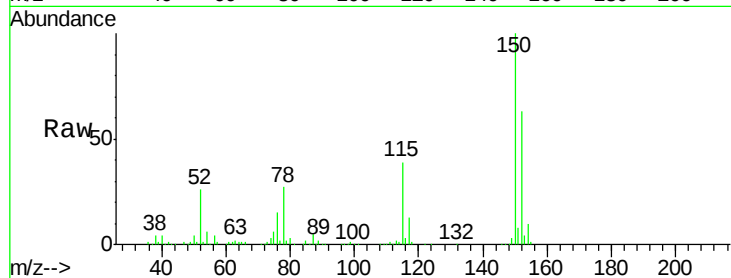


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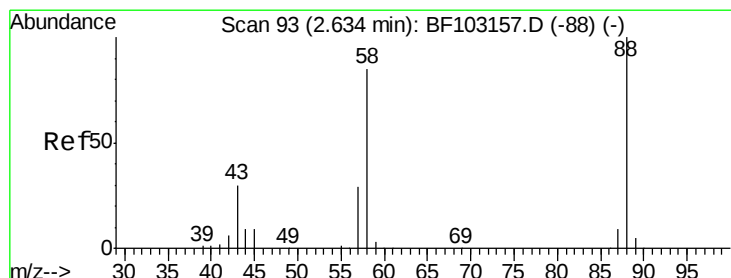
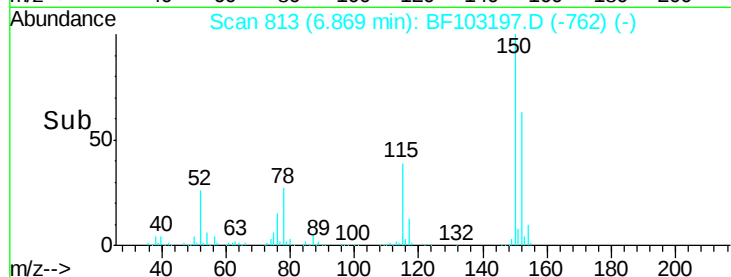
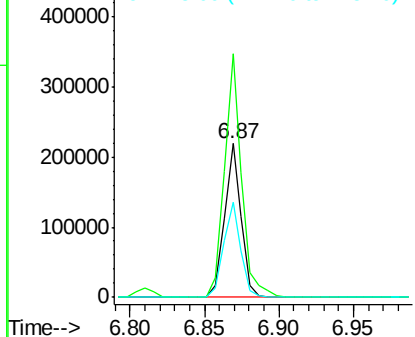
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	62.2	50.1	75.1



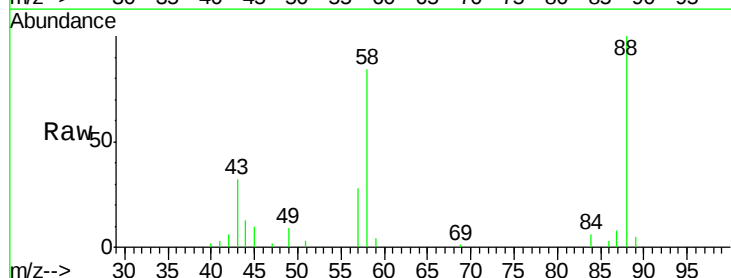
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



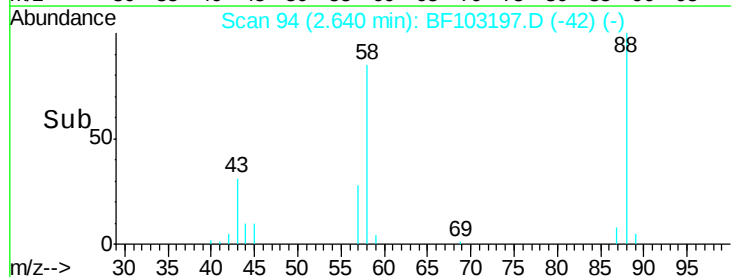
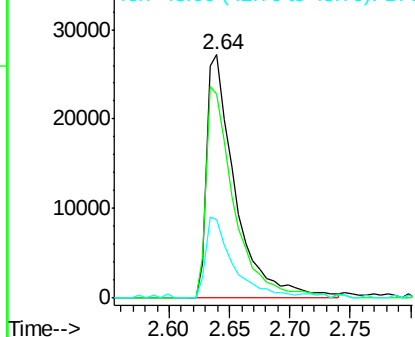
#2

1,4-Dioxane
Concen: 7.367 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	62.6	93.8
43	32.1	24.6	37.0



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





#3

Pvridine

Concen: 6.661 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.12 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

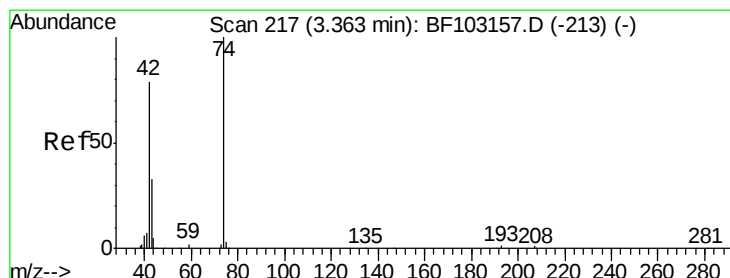
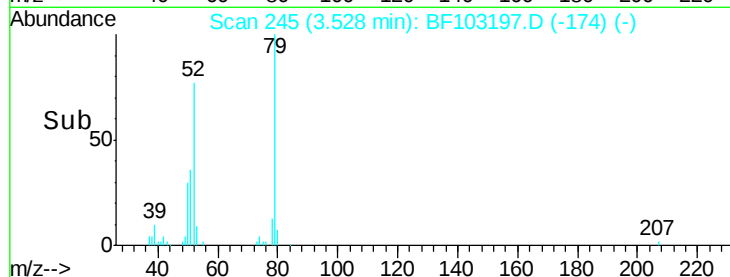
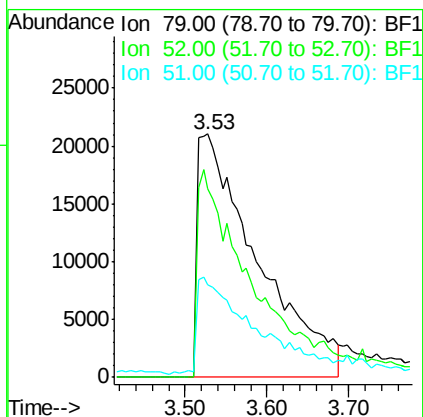
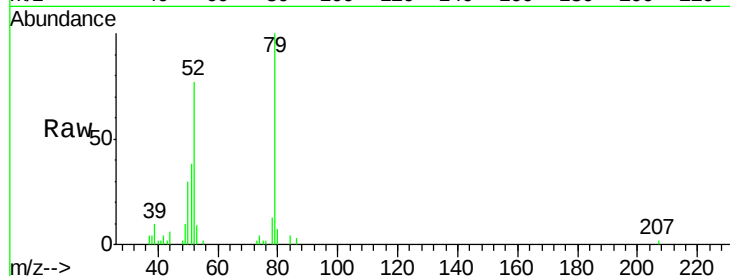
Tot Ion: 79 Resp: 107346

Ion Ratio Lower Upper

79 100

52 77.3 59.8 89.6

51 38.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 7.121 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

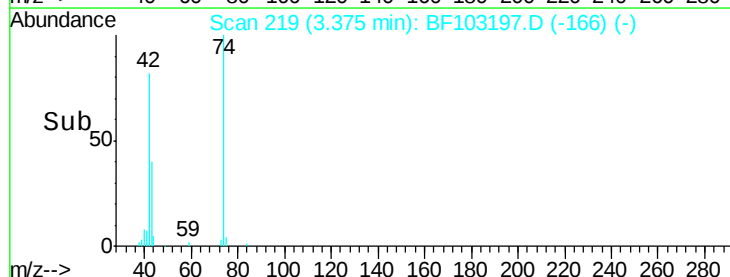
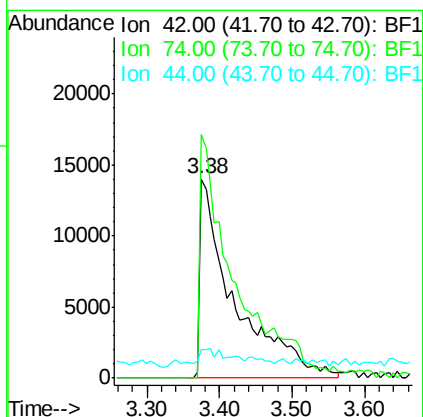
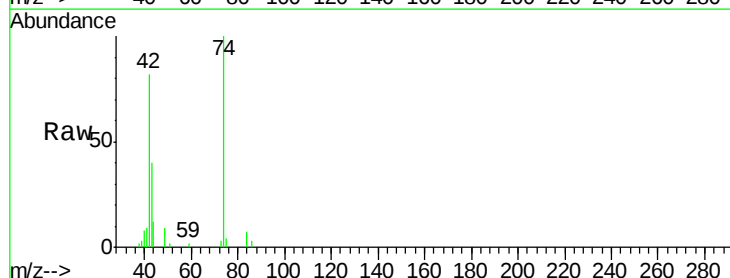
Tgt Ion: 42 Resp: 46277

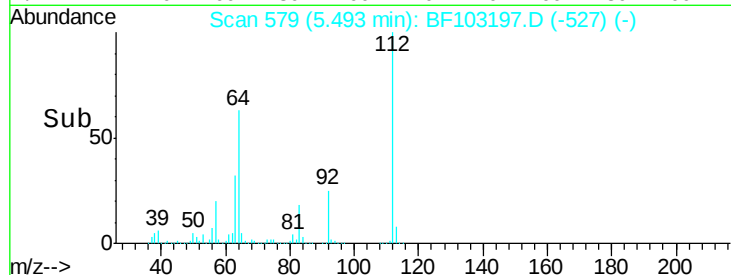
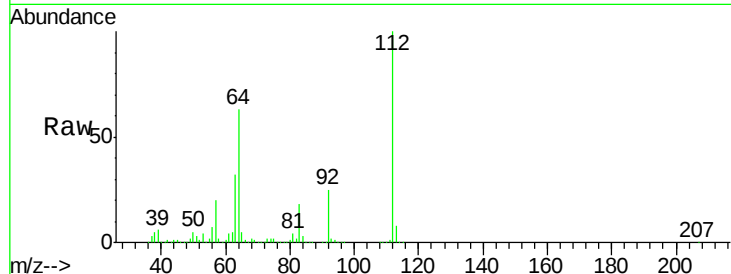
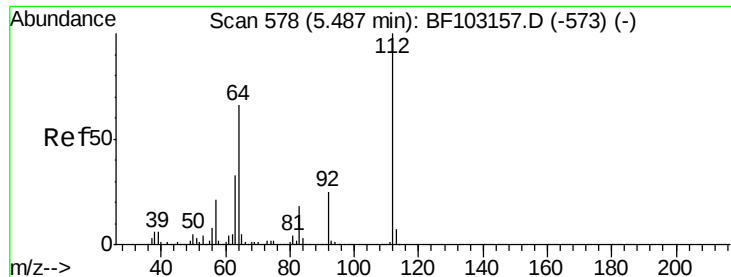
Ion Ratio Lower Upper

42 100

74 122.1 104.9 157.3

44 14.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 110.308 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

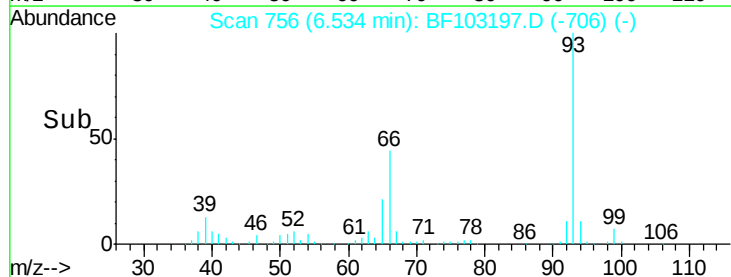
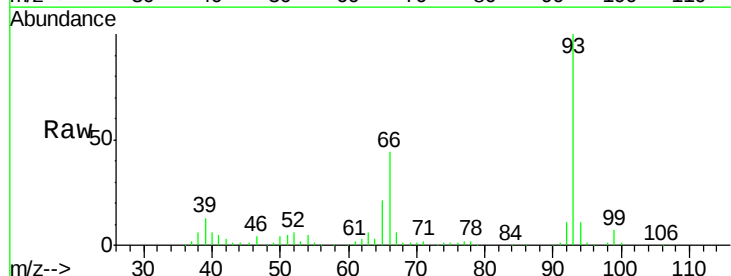
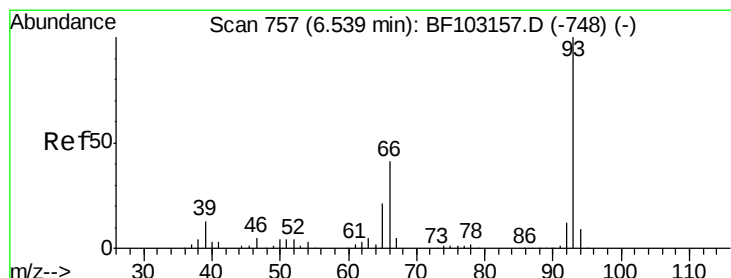
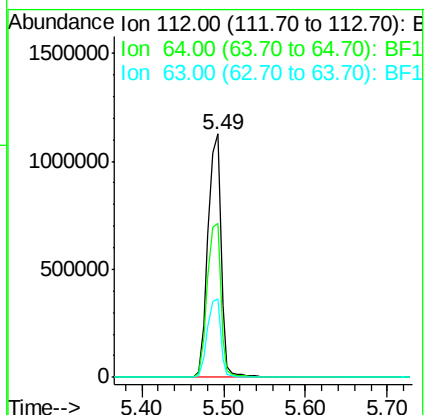
Tot Ion:112 Resp: 1260659

Ion Ratio Lower Upper

112 100

64 63.4 47.9 71.9

63 32.5 23.7 35.5



#6

Aniline

Concen: 8.078 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

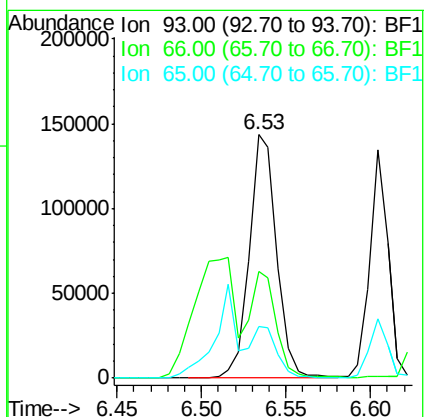
Tgt Ion: 93 Resp: 163046

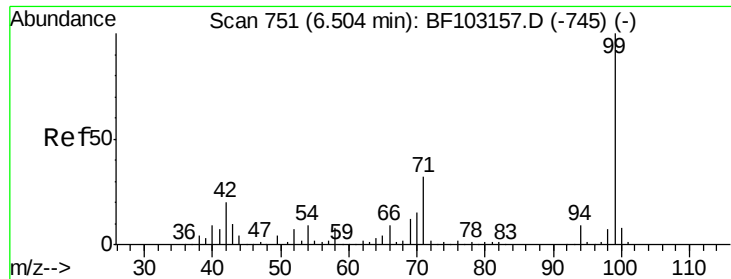
Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

65 21.0 16.4 24.6





#7

Phenol-d6

Concen: 111.388 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

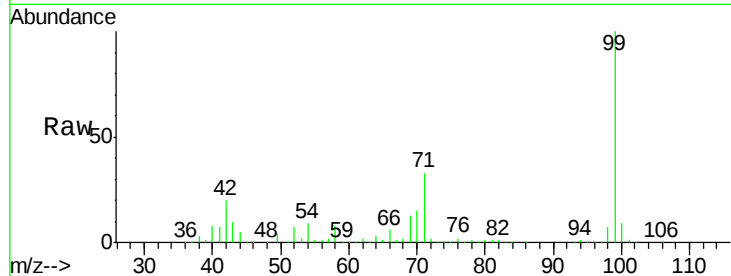
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1557707

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.4	25.4	38.0

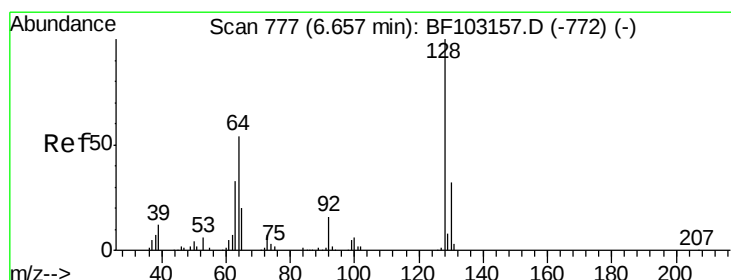
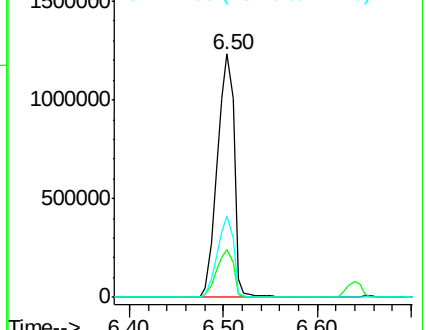
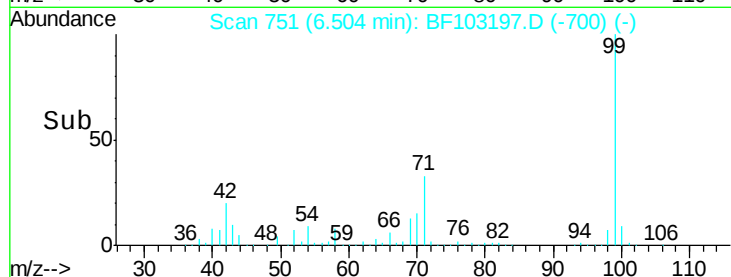


Abundance

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: 7.893 ng

RT: 6.66 min Scan# 777

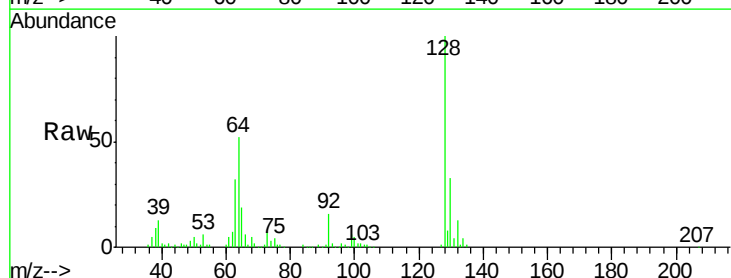
Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Tgt Ion:128 Resp: 93714

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	52.5	29.4	69.4

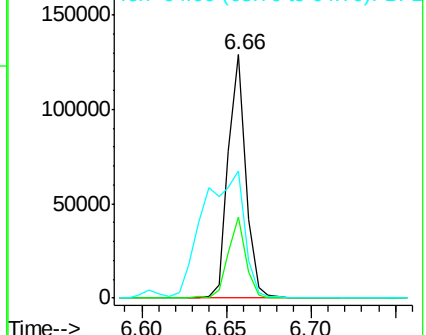
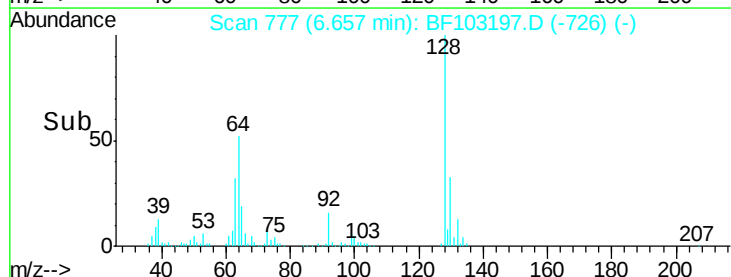


Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.719 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

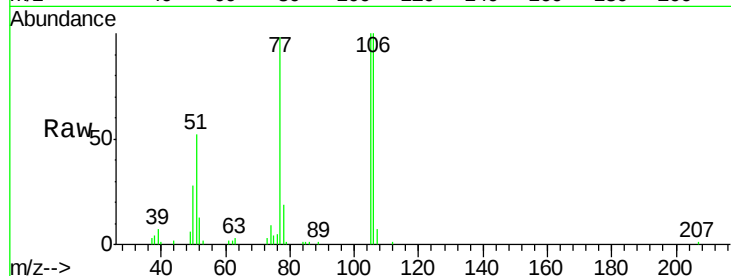
Tot Ion: 77 Resp: 54883

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

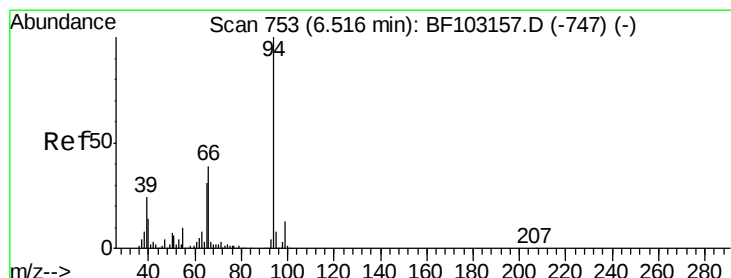
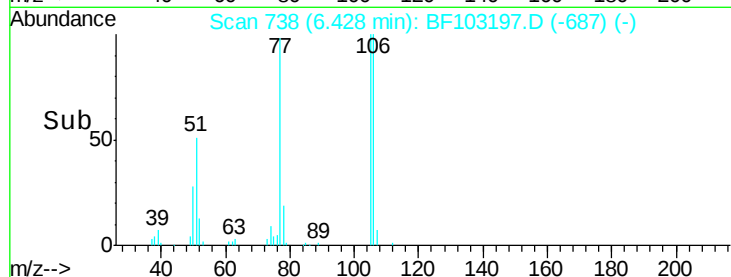
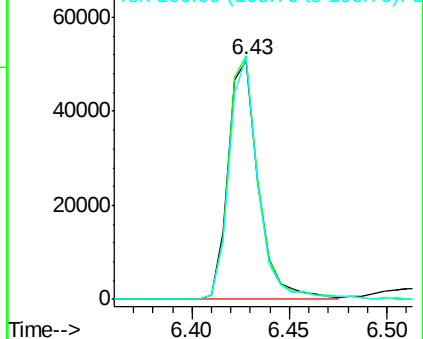
106 101.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 7.975 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

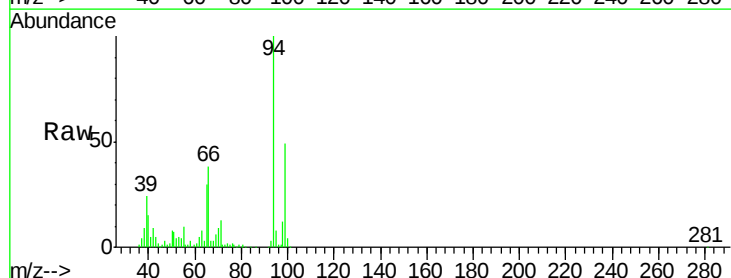
Tgt Ion: 94 Resp: 129471

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

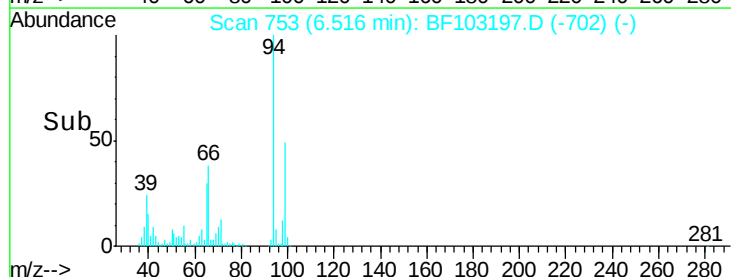
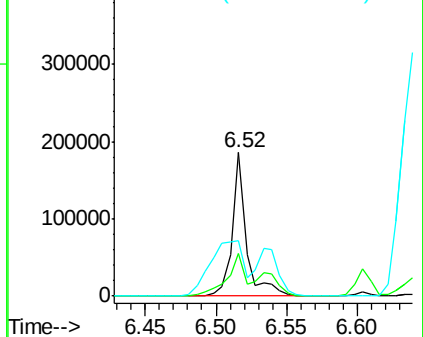
66 38.4 16.2 56.2

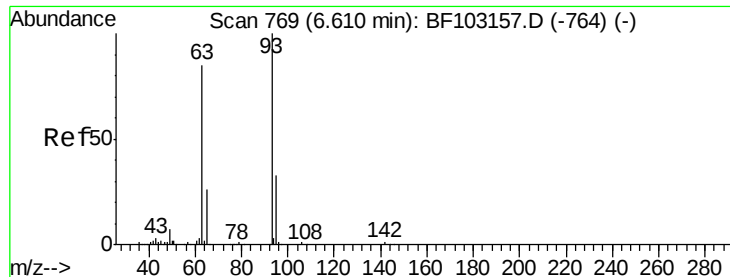


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 8.131 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

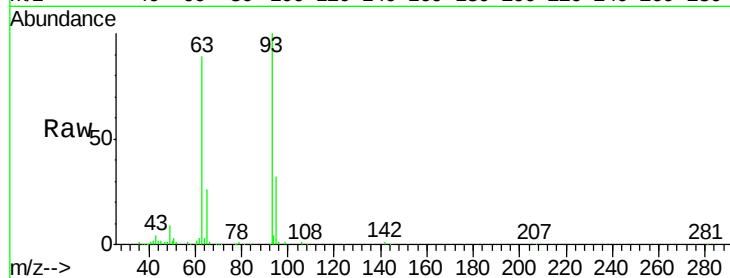
Tot Ion: 93 Resp: 100187

Ion Ratio Lower Upper

93 100

63 88.7 58.6 98.6

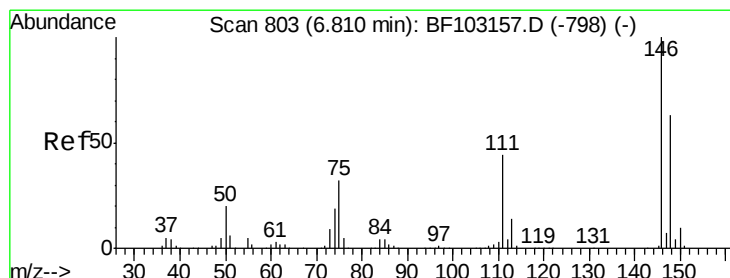
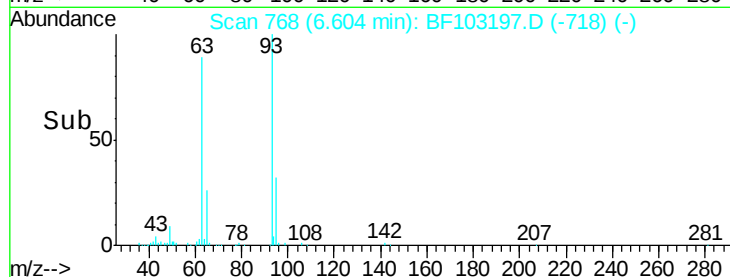
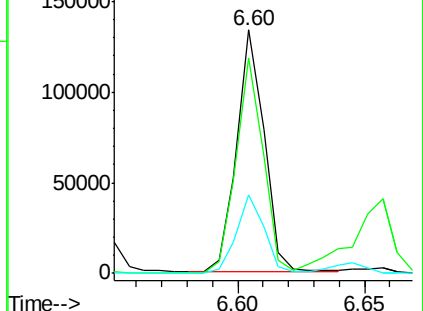
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 8.432 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

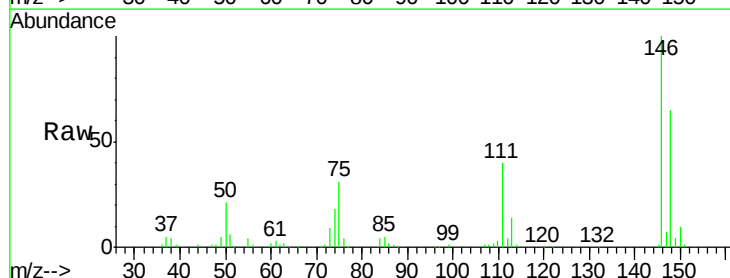
Tgt Ion: 146 Resp: 114400

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

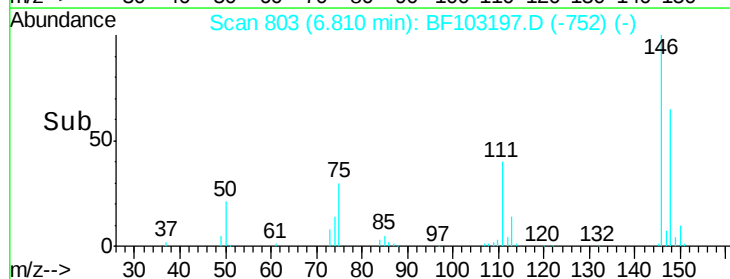
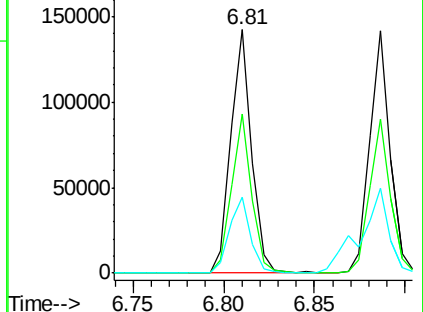
75 31.2 24.2 36.4

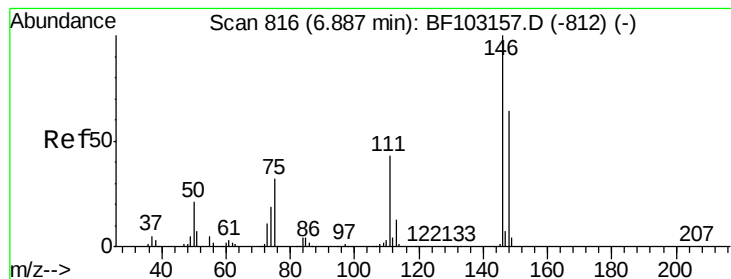


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 8.263 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

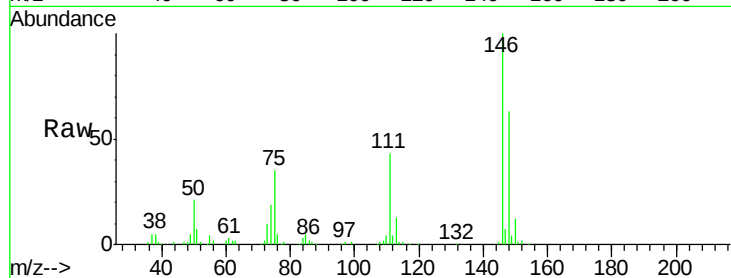
Tot Ion:146 Resp: 112404

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

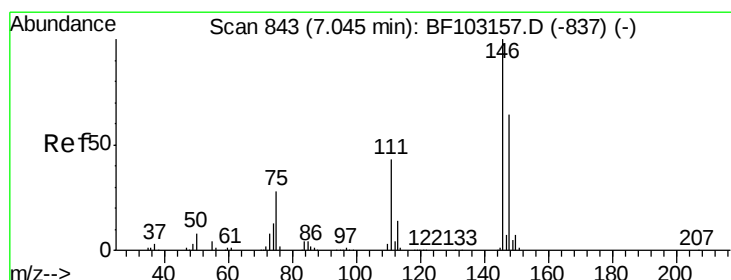
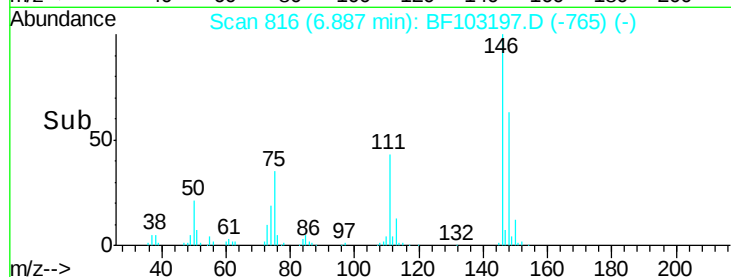
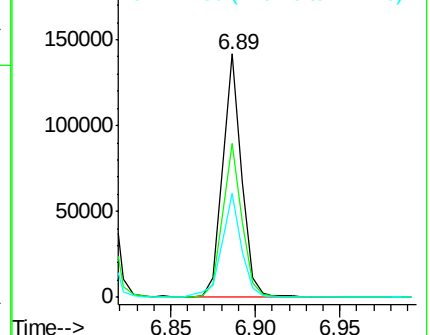
111 43.0 34.2 51.2



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: 8.110 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

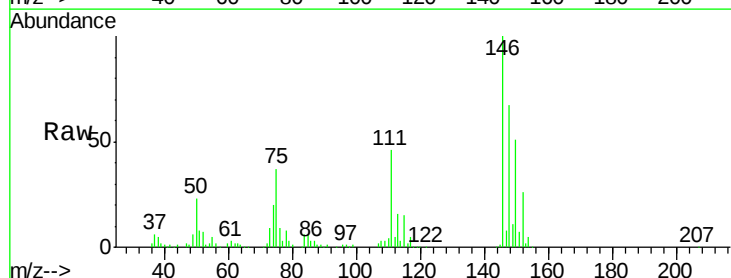
Tgt Ion:146 Resp: 101722

Ion Ratio Lower Upper

146 100

148 66.7 50.6 75.8

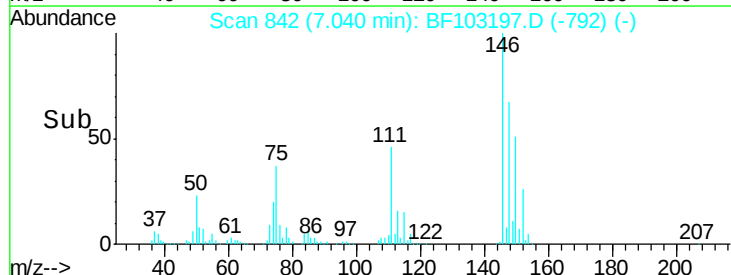
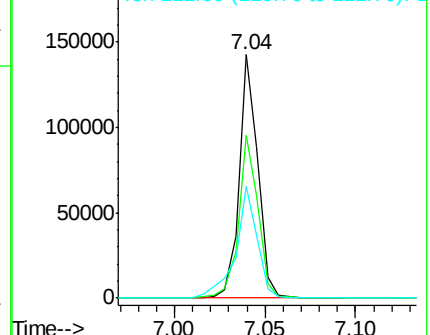
111 45.8 36.0 54.0



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: 9.509 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

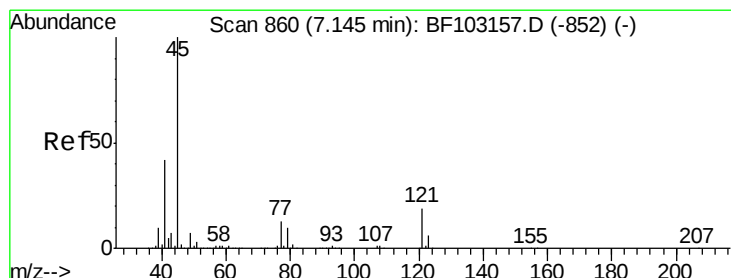
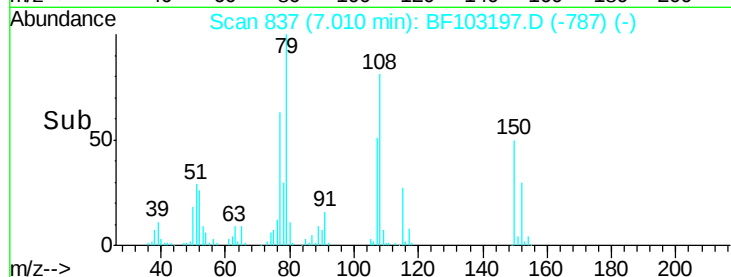
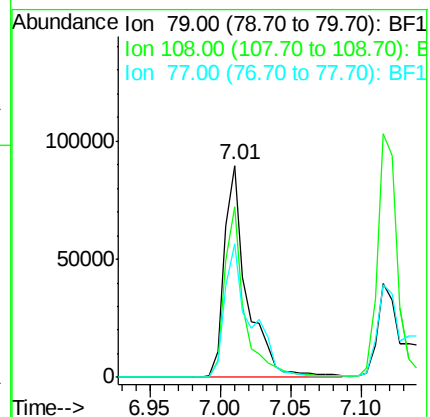
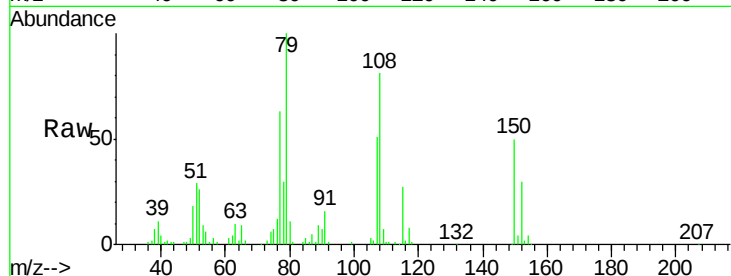
Tot Ion: 79 Resp: 100206

Ion Ratio Lower Upper

79 100

108 80.8 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.026 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

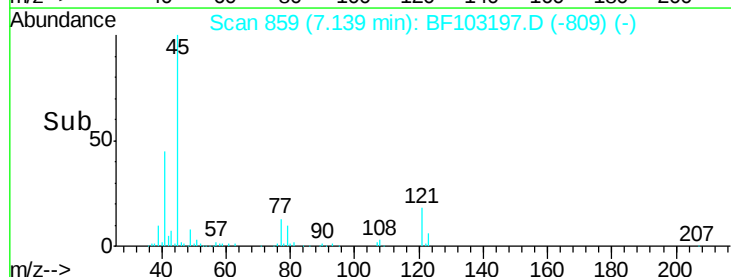
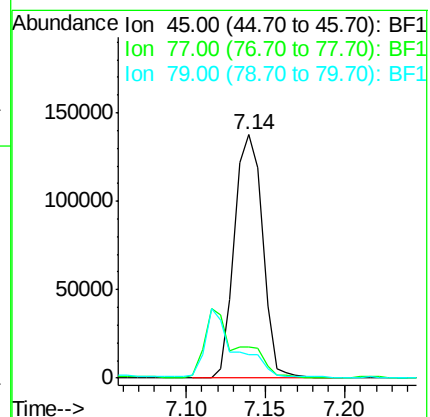
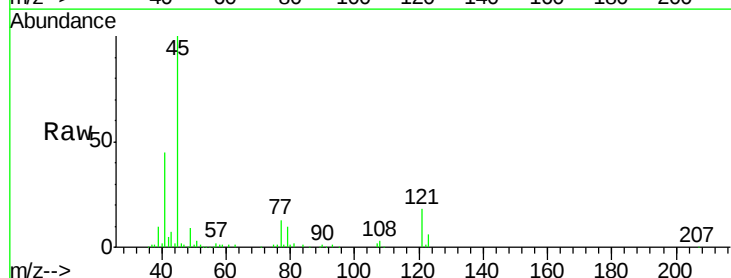
Tgt Ion: 45 Resp: 169824

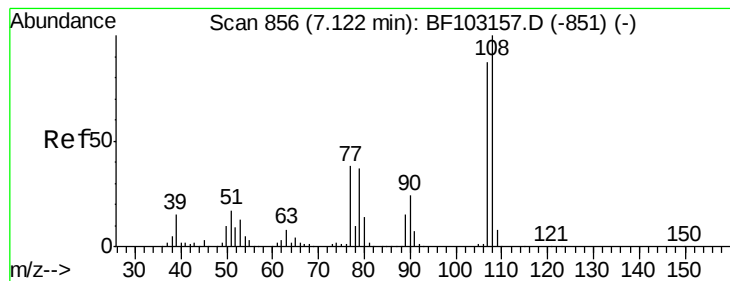
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 9.8 0.0 29.6

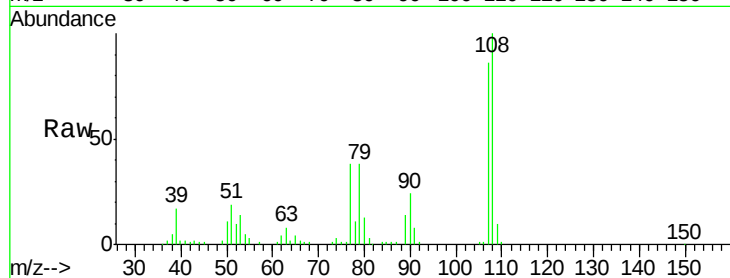




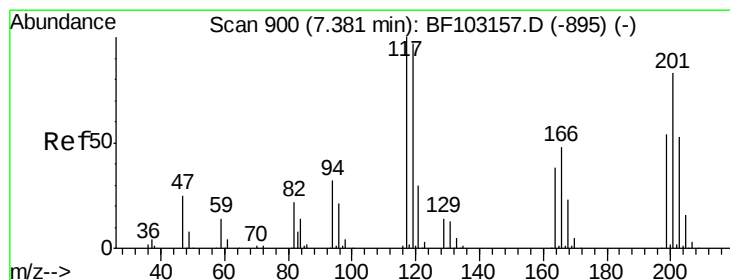
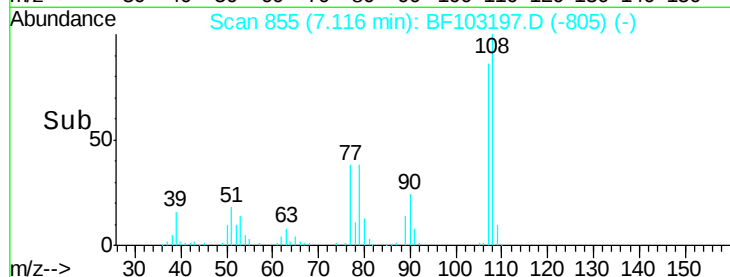
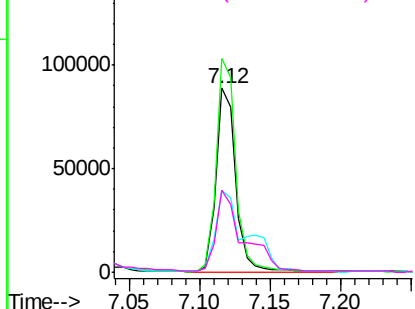
#17
2-Methylphenol
Concen: 8.102 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 87419
Ion Ratio Lower Upper
107 100
108 116.1 91.7 137.5
77 44.3 33.8 50.8
79 44.7 33.8 50.8

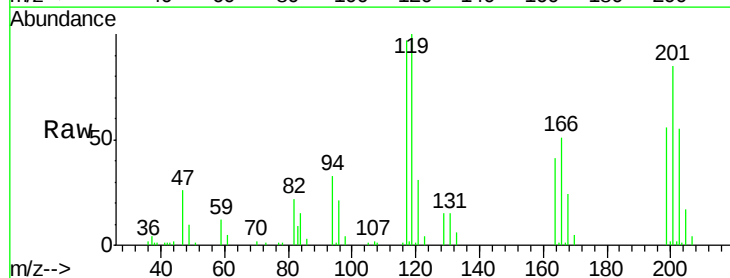


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

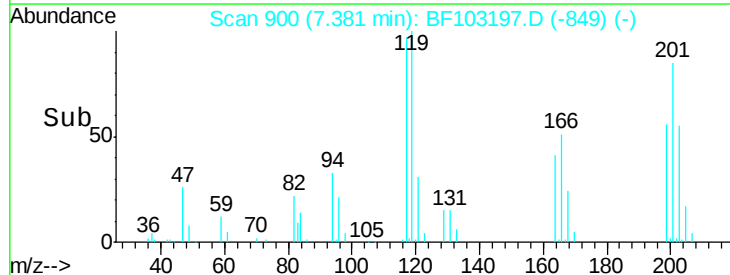
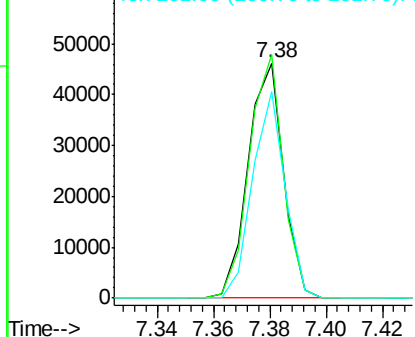


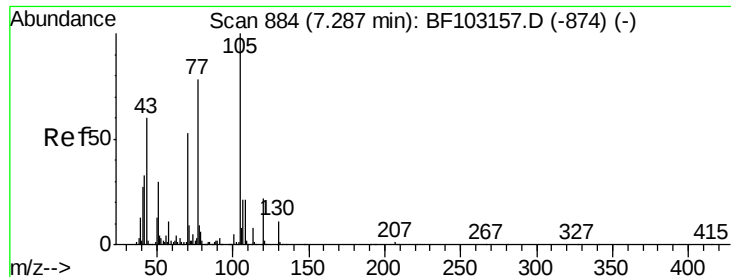
#18
Hexachloroethane
Concen: 8.106 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:117 Resp: 40138
Ion Ratio Lower Upper
117 100
119 103.6 75.8 113.8
201 88.0 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

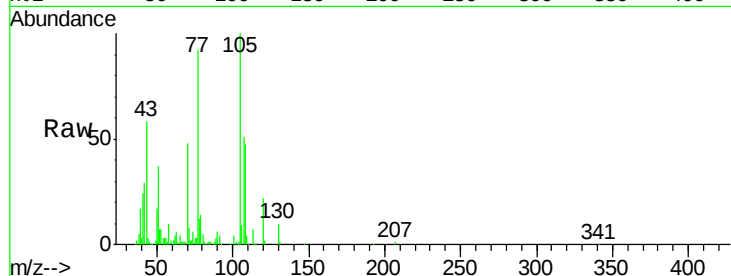




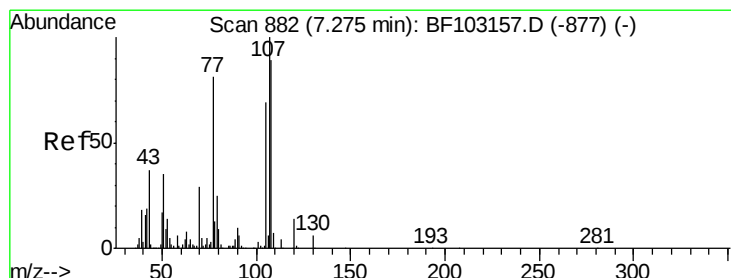
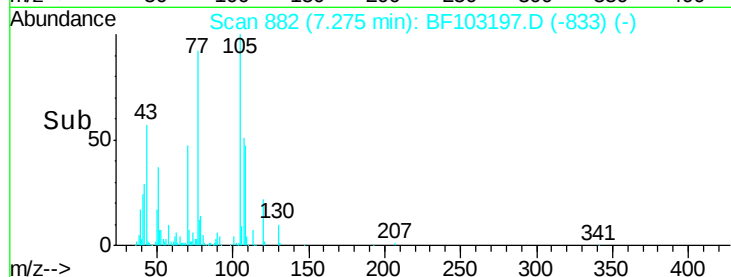
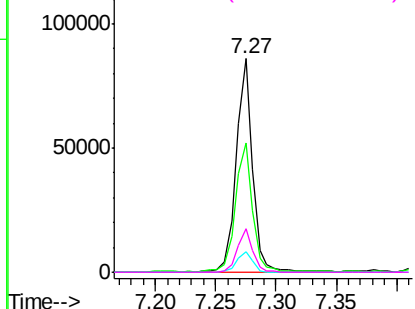
#19
n-Nitroso-di-n-propylamine
Concen: 9.425 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 82027
Ion Ratio Lower Upper
70 100
42 60.6 47.5 71.3
101 9.4 7.4 11.2
130 20.1 16.6 25.0



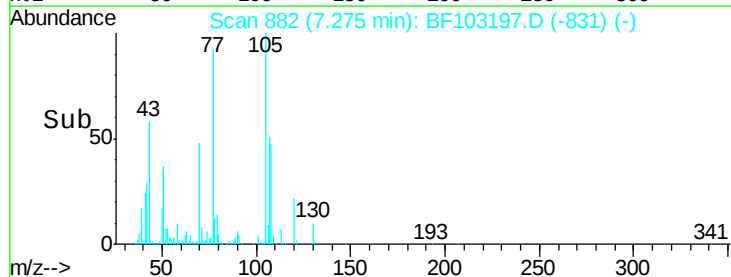
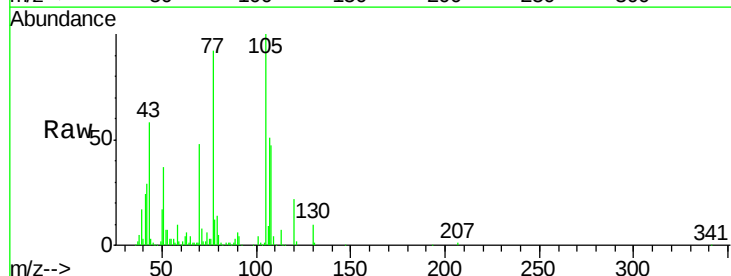
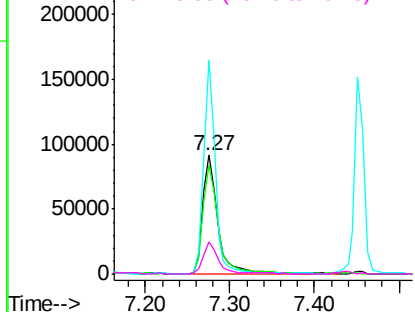
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

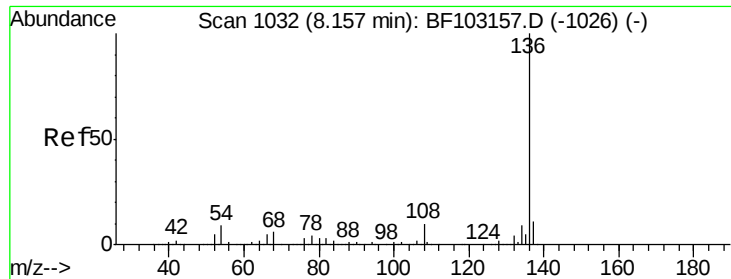


#20
3+4-Methylphenols
Concen: 8.816 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion: 107 Resp: 115943
Ion Ratio Lower Upper
107 100
108 91.8 68.2 108.2
77 179.9 26.7 66.7#
79 26.9 6.3 46.3

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 748533

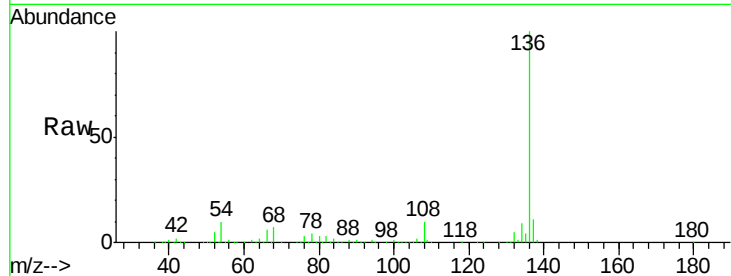
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.6 6.6 9.8

68 6.7 5.0 7.4

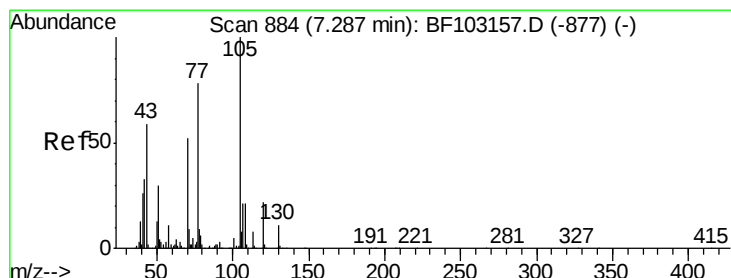
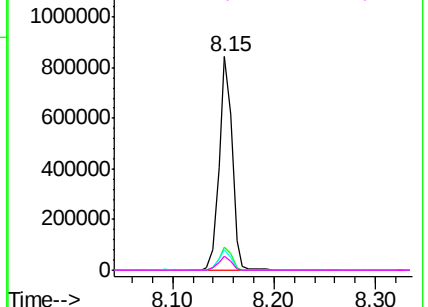
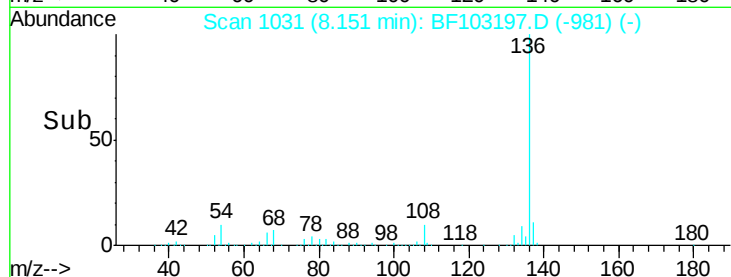


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.913 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Tgt Ion:105 Resp: 155727

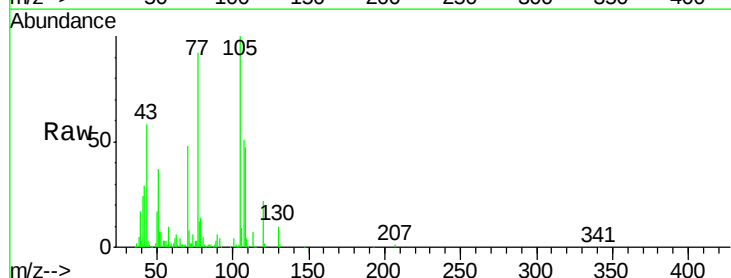
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 37.4 22.3 33.5#

120 21.6 16.9 25.3

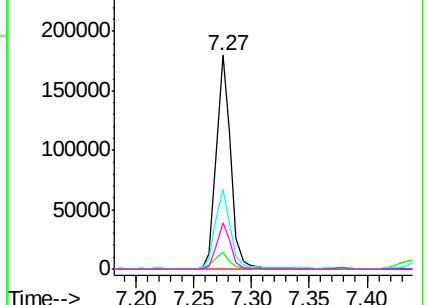
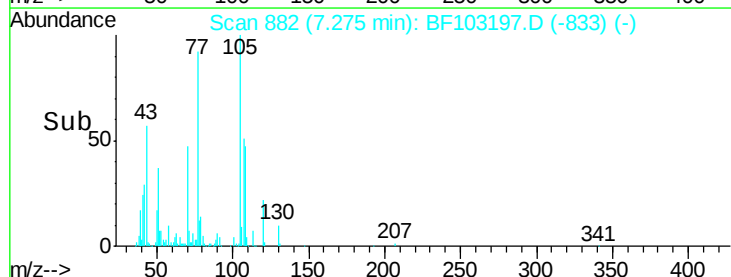


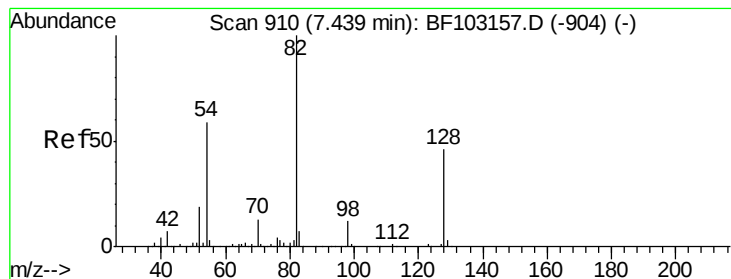
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.699 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

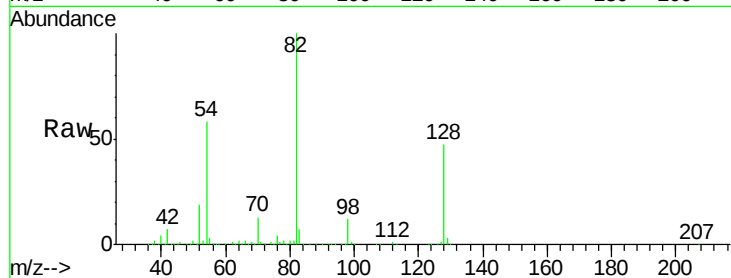
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1149484

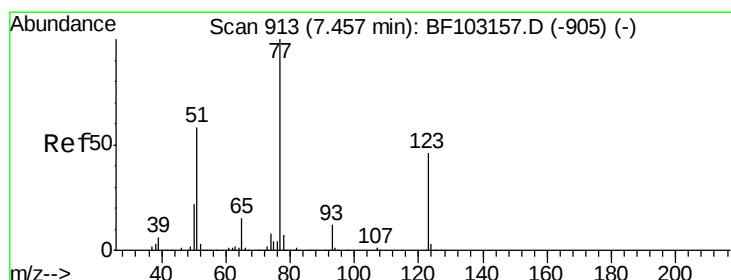
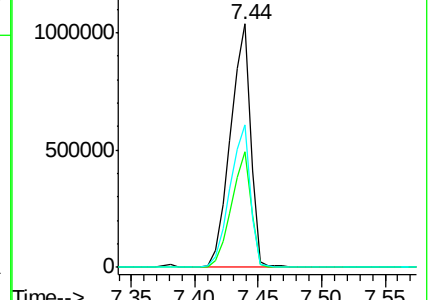
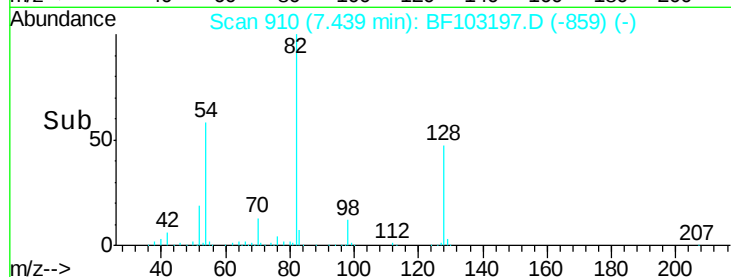
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	58.3	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 8.289 ng

RT: 7.45 min Scan# 912

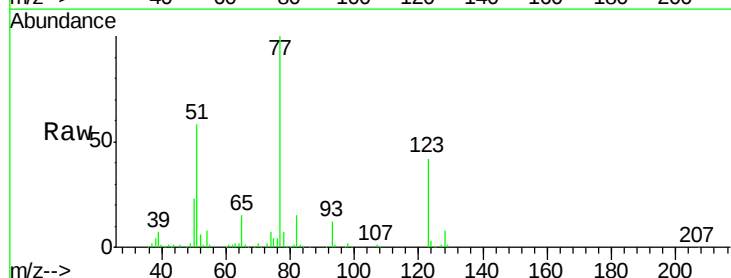
Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Tgt Ion: 77 Resp: 119620

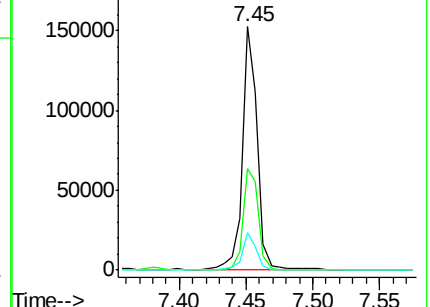
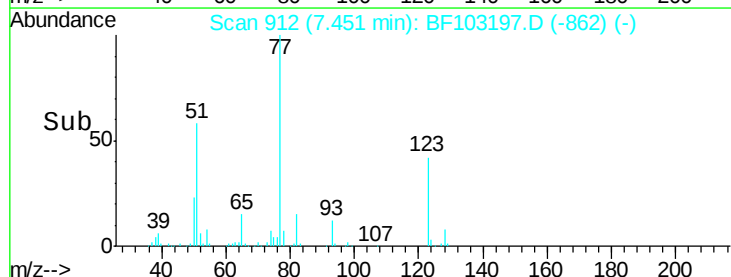
Ion	Ratio	Lower	Upper
77	100		
123	41.7	37.9	56.9
65	15.2	11.0	16.4

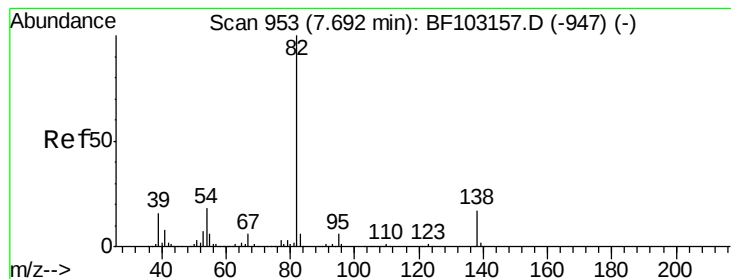


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 8.101 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

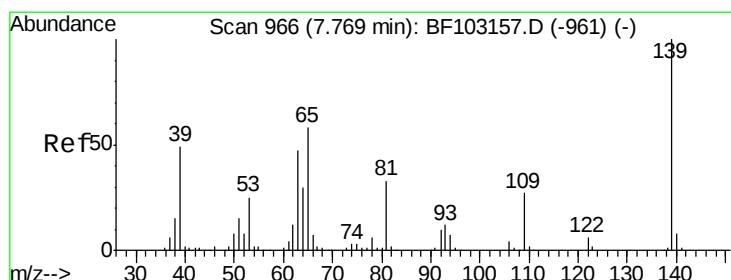
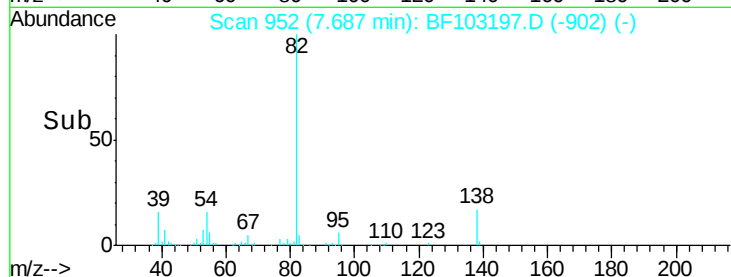
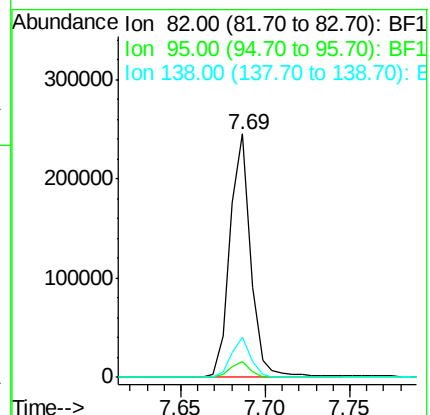
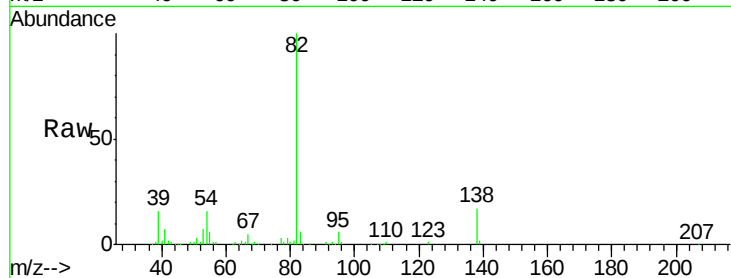
Tot Ion: 82 Resp: 209122

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 16.7 14.9 22.3



#26

2-Nitrophenol

Concen: 7.618 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

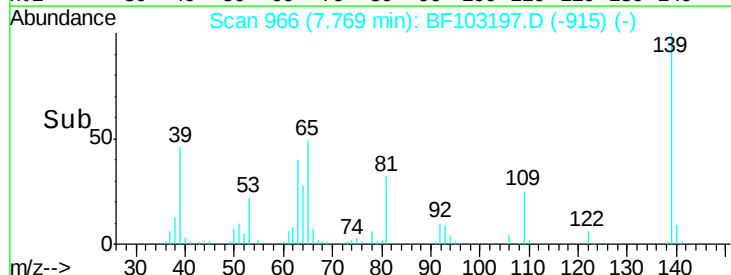
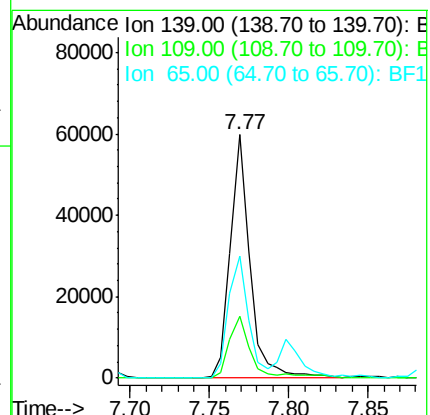
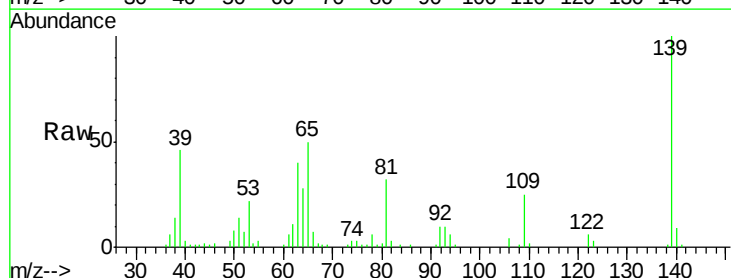
Tgt Ion: 139 Resp: 51754

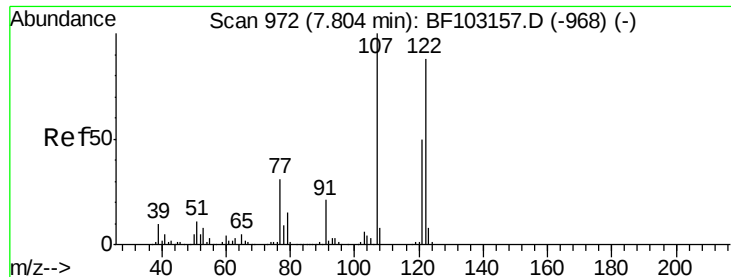
Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

65 50.0 40.5 60.7

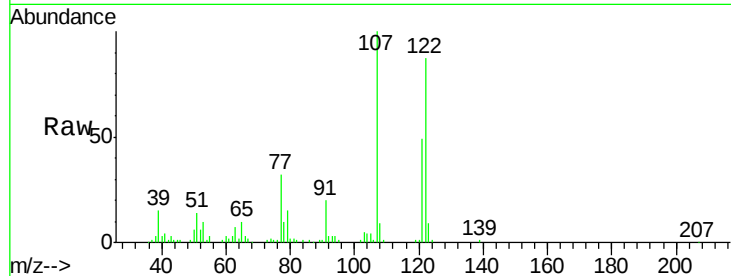




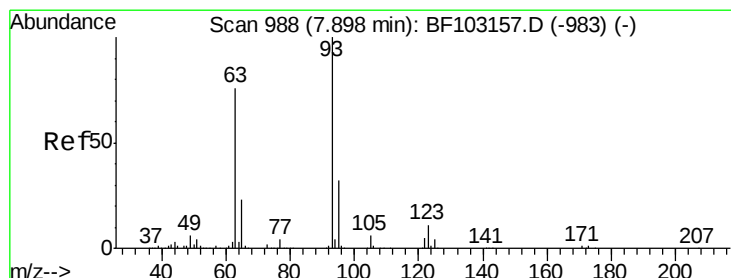
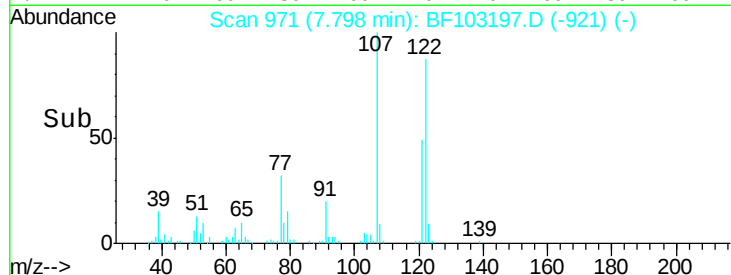
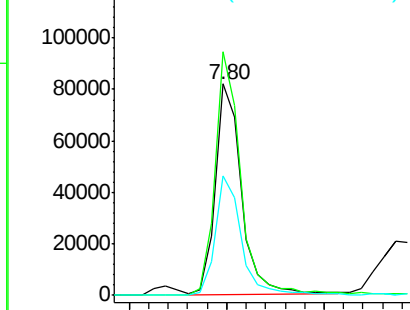
#27
 2,4-Dimethylphenol
 Concen: 7.313 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 75942
 Ion Ratio Lower Upper
 122 100
 107 115.4 91.2 136.8
 121 56.4 47.2 70.8

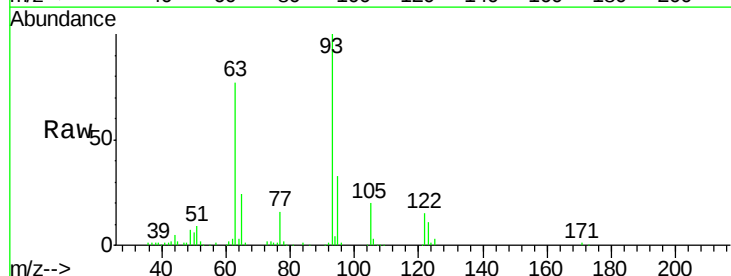


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

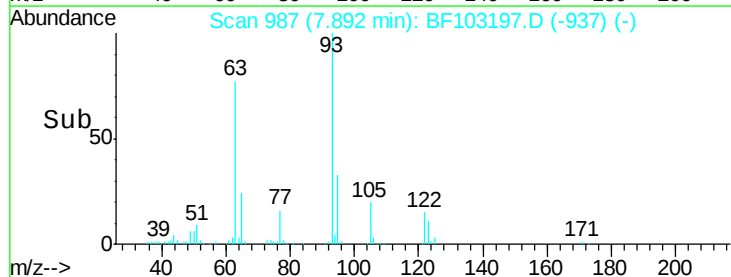
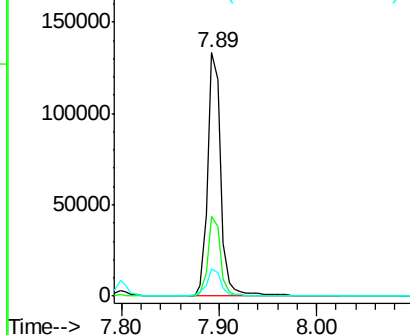


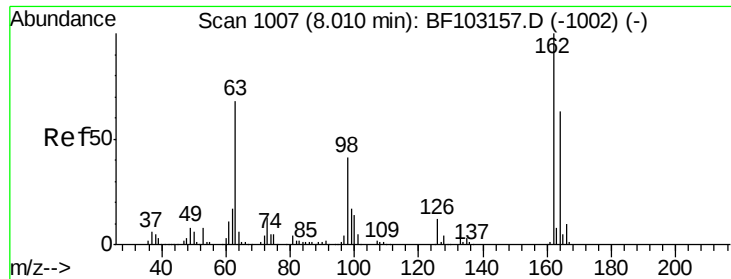
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.246 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion: 93 Resp: 125153
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.2 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 7.889 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

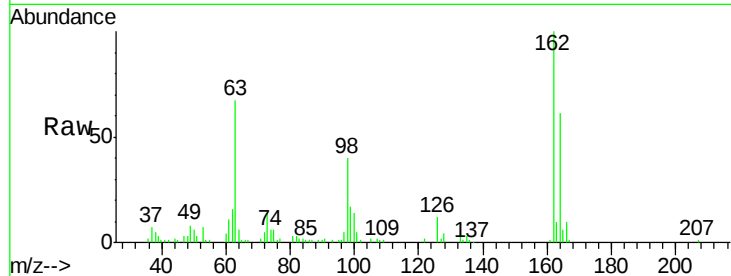
Tot Ion:162 Resp: 78434

Ion Ratio Lower Upper

162 100

164 61.4 42.7 82.7

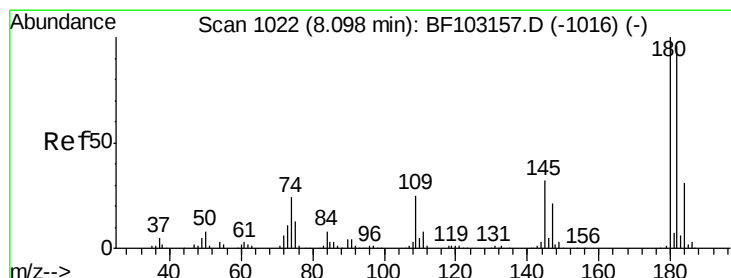
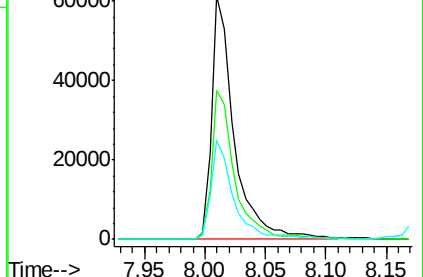
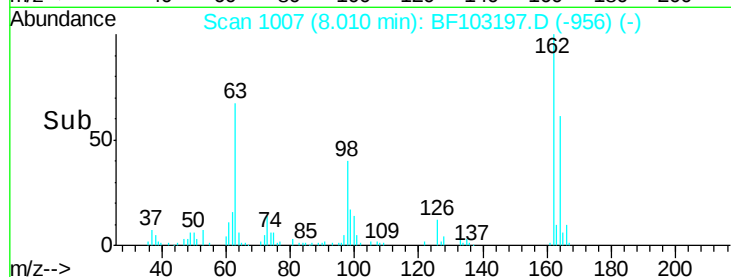
98 40.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 8.133 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

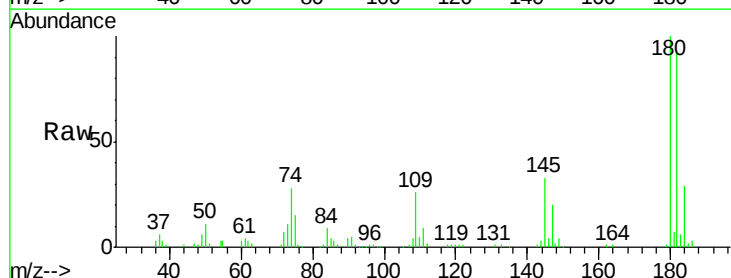
Tgt Ion:180 Resp: 86101

Ion Ratio Lower Upper

180 100

182 92.1 76.8 115.2

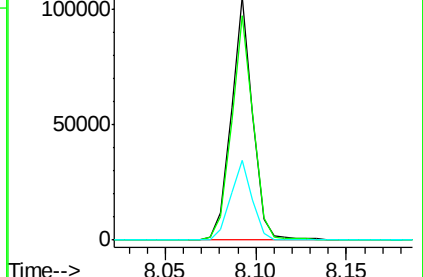
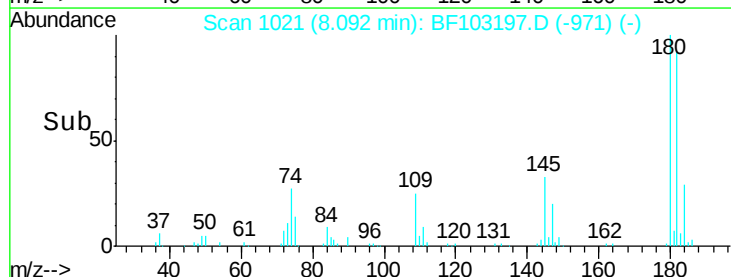
145 32.7 26.5 39.7

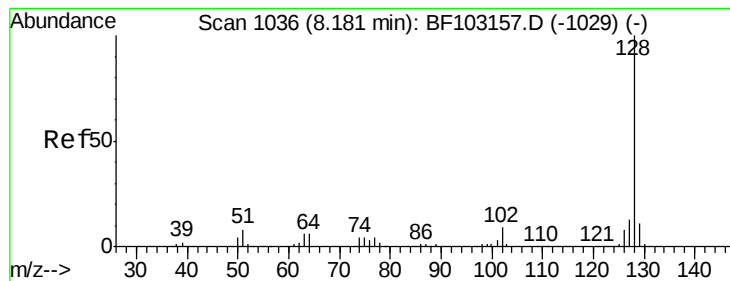


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 8.495 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampled :

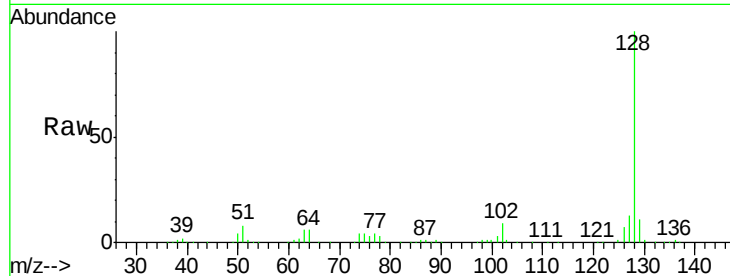
Tot Ion:128 Resp: 311331

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

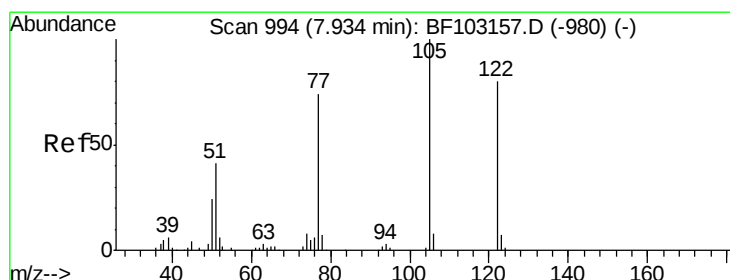
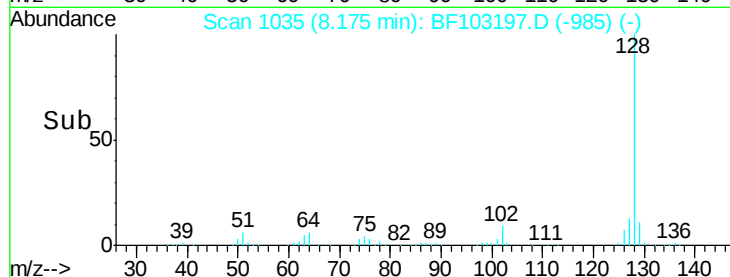
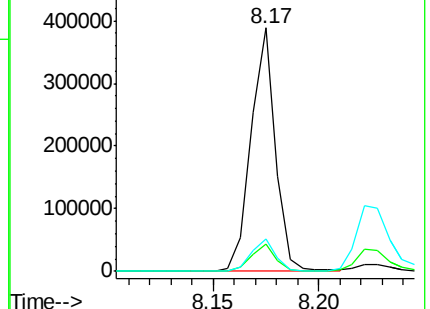
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.101 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

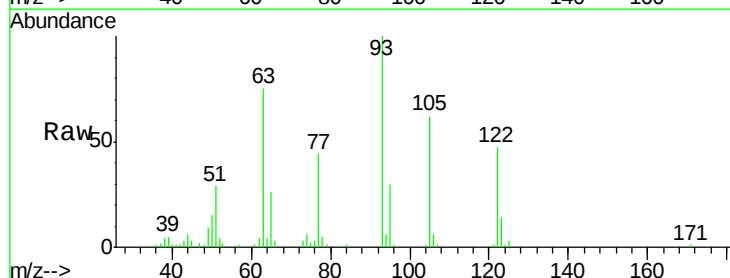
Tgt Ion:122 Resp: 37689

Ion Ratio Lower Upper

122 100

105 131.5 101.1 141.1

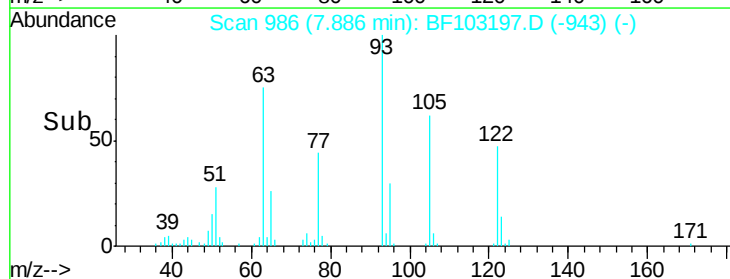
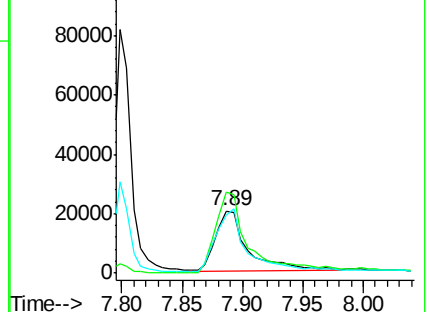
77 93.5 70.7 110.7

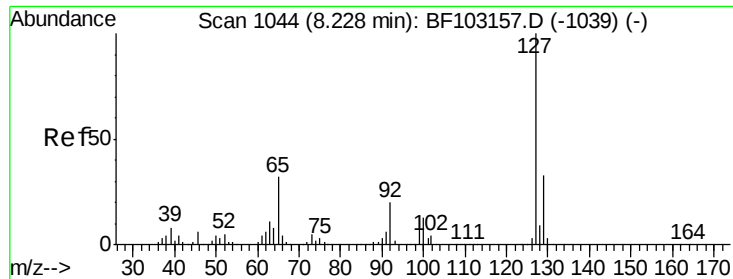


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

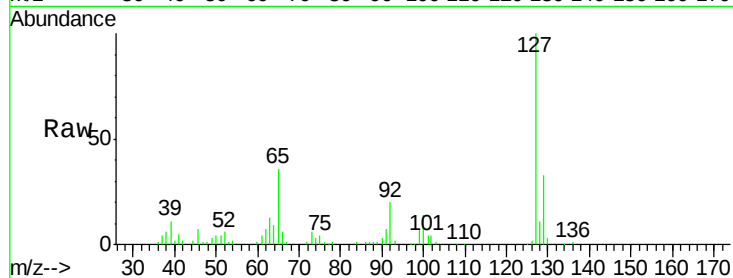




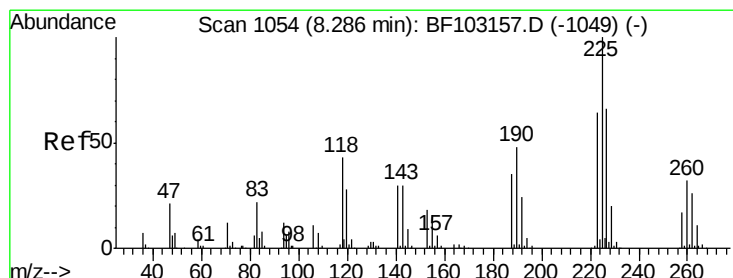
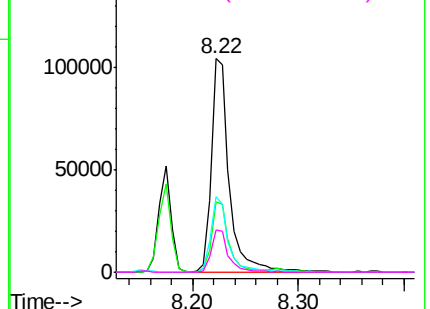
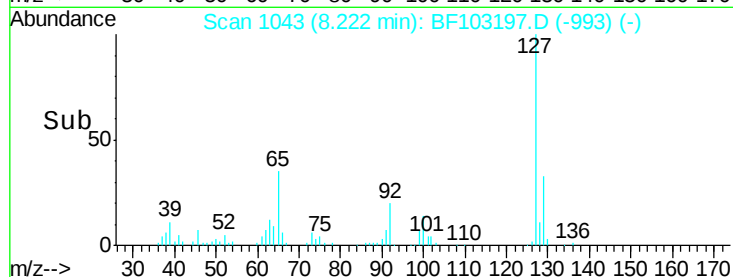
#33
4-Chloroaniline
Concen: 7.866 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	124388
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	35.6	25.0	37.4
92	20.0	15.2	22.8

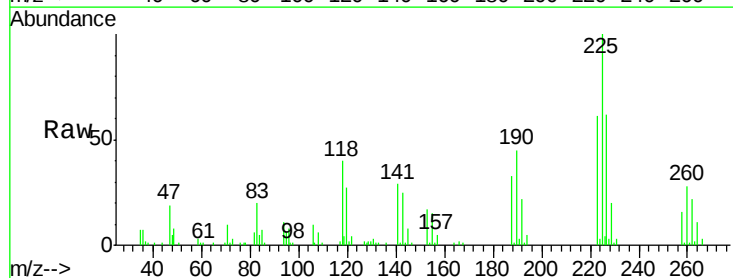


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

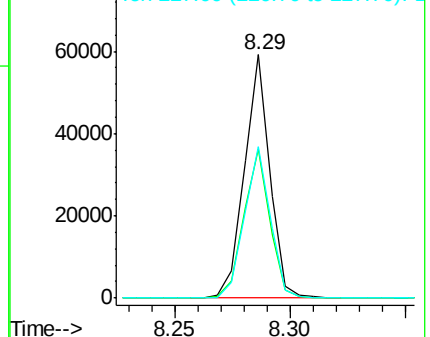
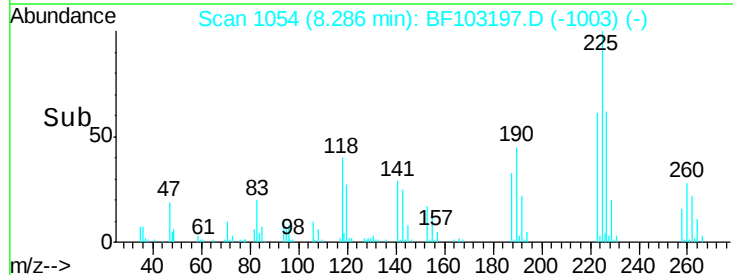


#34
Hexachlorobutadiene
Concen: 8.248 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:	225	Resp:	45472
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	62.2	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: 7.383 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.04 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampled :

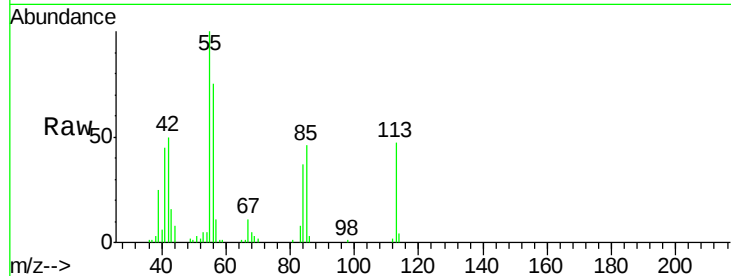
Tot Ion:113 Resp: 25797

Ion Ratio Lower Upper

113 100

55 214.6 163.3 203.3#

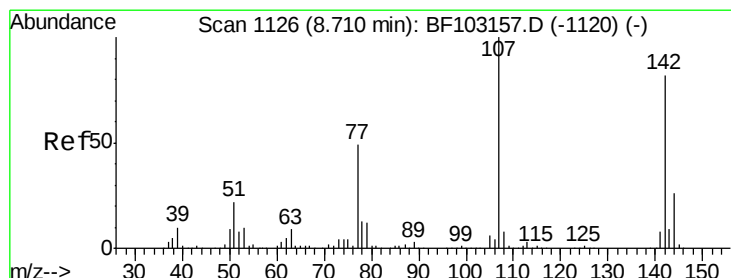
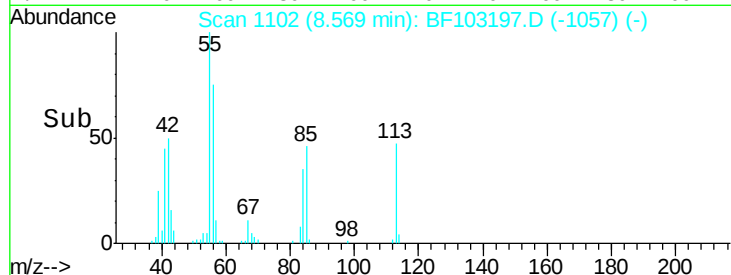
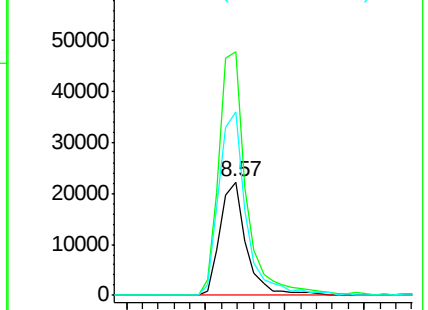
56 161.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 8.018 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

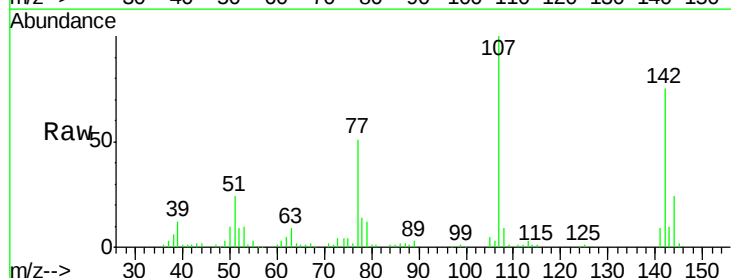
Tgt Ion:107 Resp: 89907

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

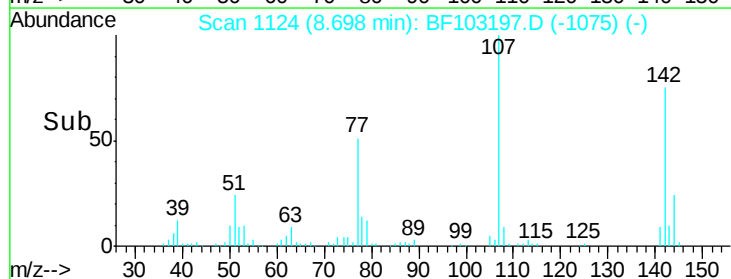
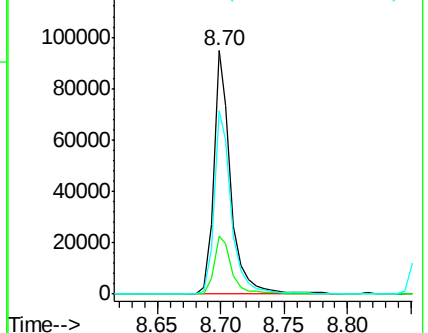
142 75.4 62.0 93.0

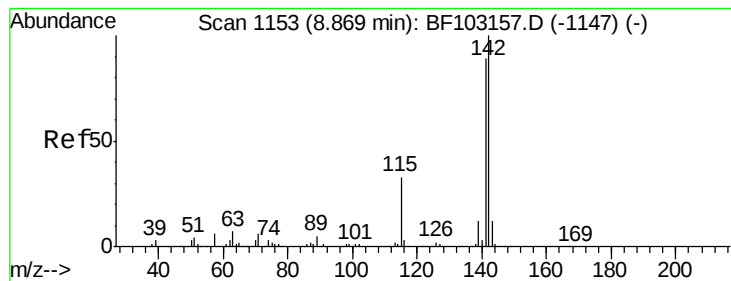


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 8.541 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

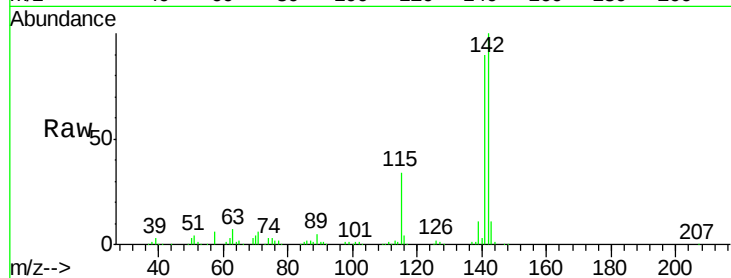
Tot Ion:142 Resp: 202279

Ion Ratio Lower Upper

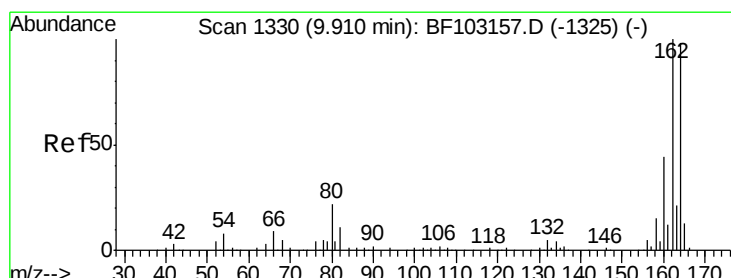
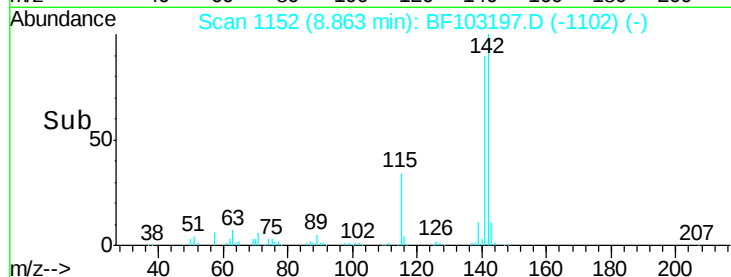
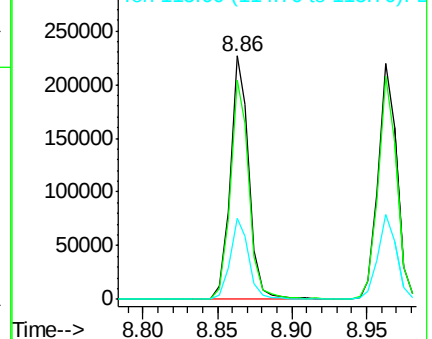
142 100

141 90.2 70.8 106.2

115 33.5 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: BF103197.D

Acq: 23 Feb 2018 14:11

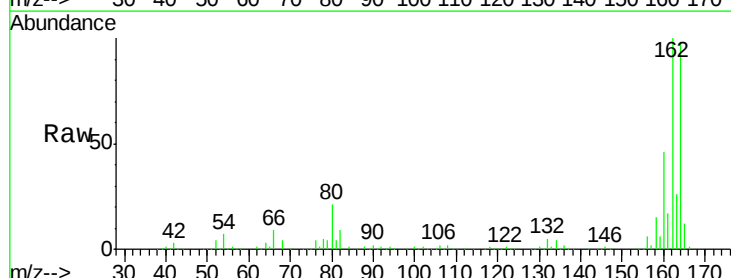
Tgt Ion:164 Resp: 351197

Ion Ratio Lower Upper

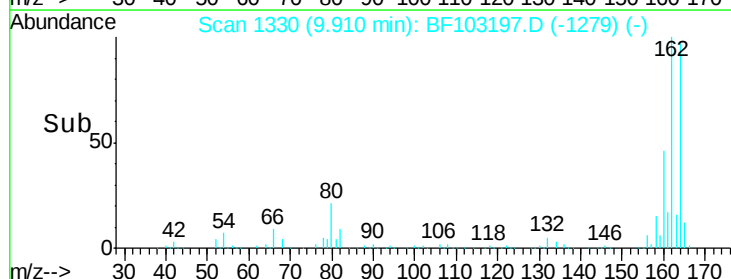
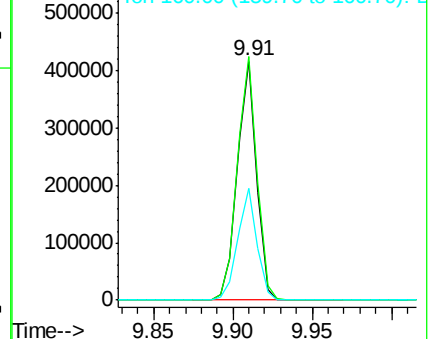
164 100

162 101.9 86.1 129.1

160 46.6 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

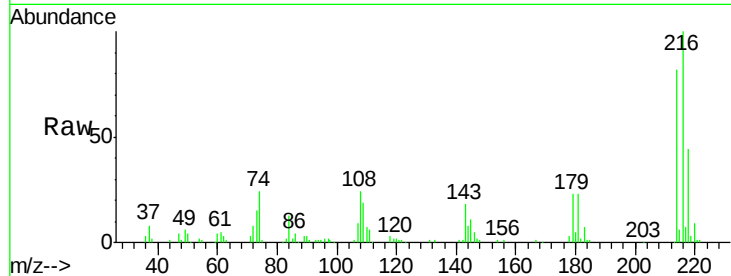




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.194 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.7	18.1	27.1
108	23.0	17.2	25.8

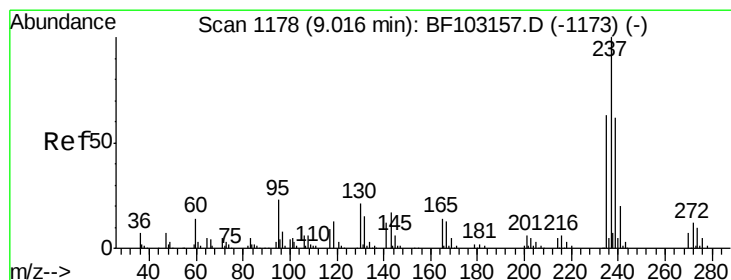
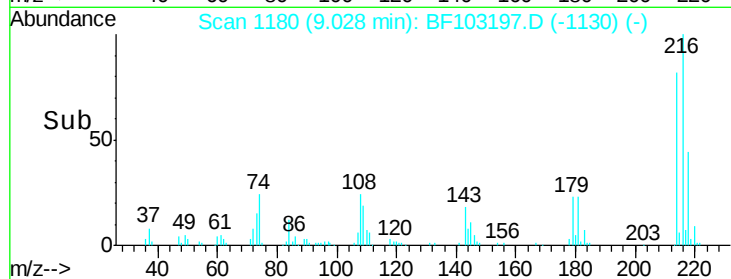
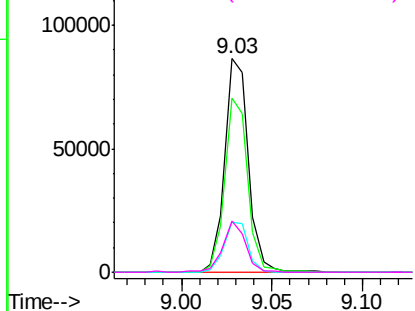


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

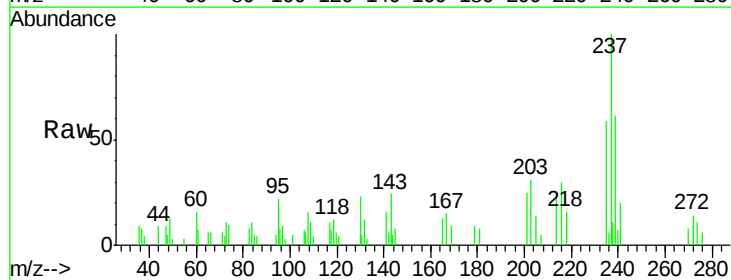
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 10.826 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

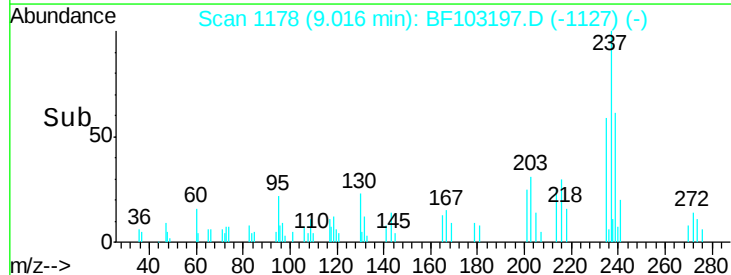
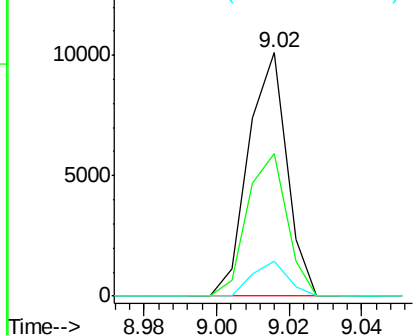
Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.6	44.8	84.8
272	14.2	0.0	33.3

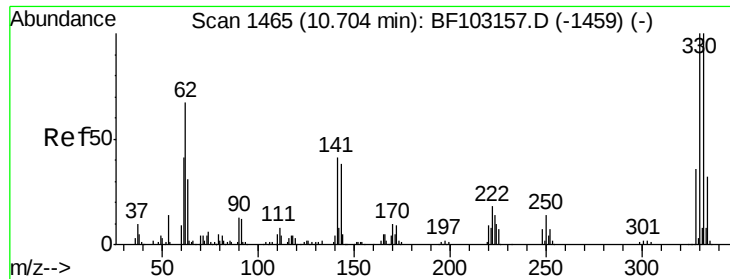


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

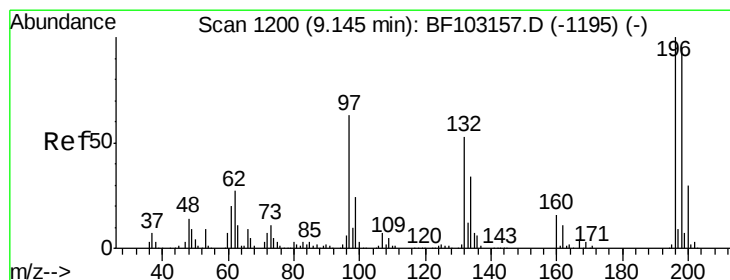
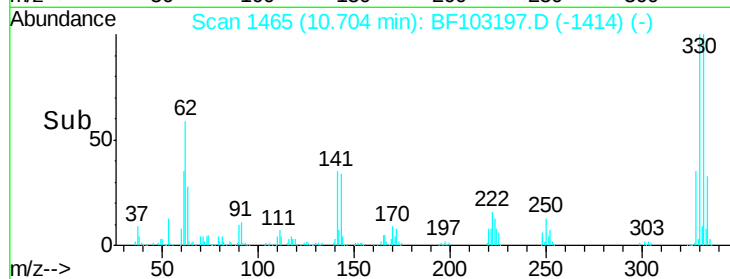
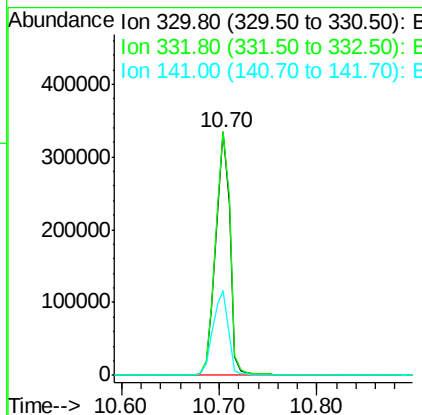
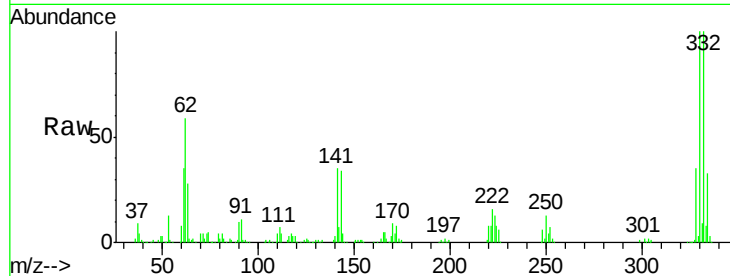




#41
 2,4,6-Tribromophenol
 Concen: 115.470 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

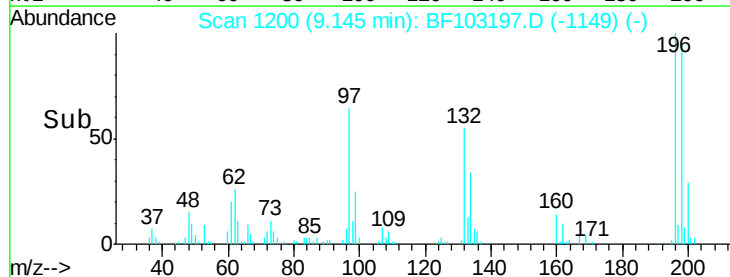
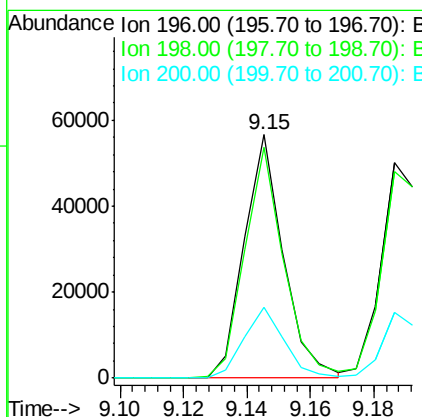
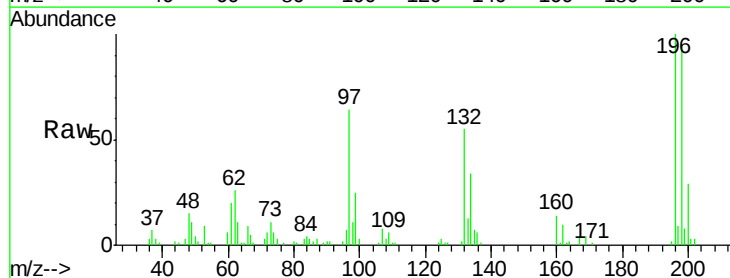
Instrument :
 BNA_F
 ClientSampleId :

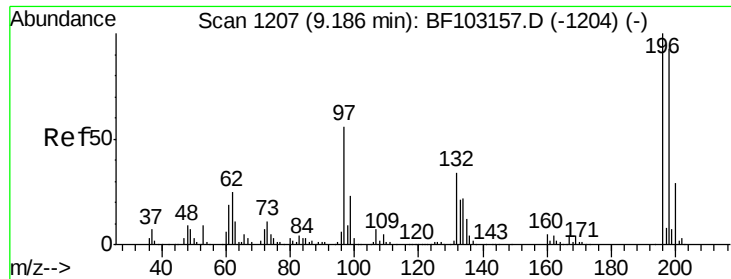
Tot Ion	330	Resp	343257
Ion Ratio	100	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	37.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 7.518 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion	196	Resp	48567
Ion Ratio	100	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	28.9	24.5	36.7

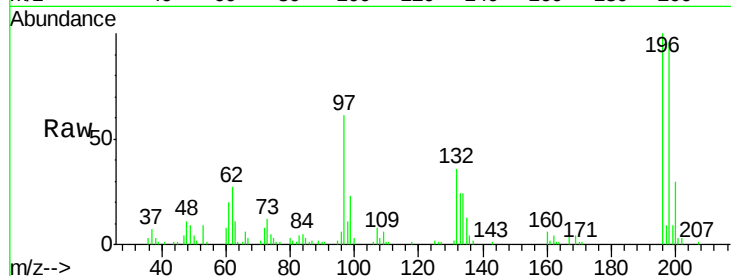




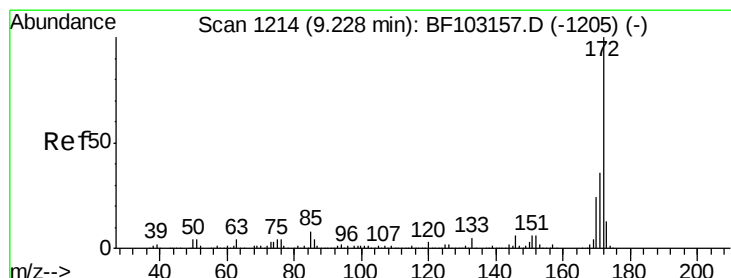
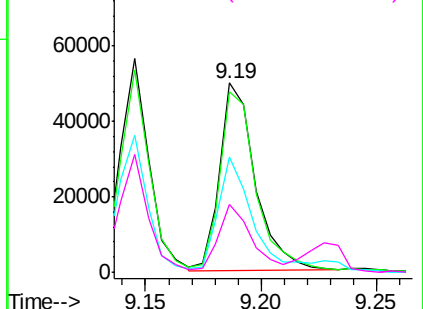
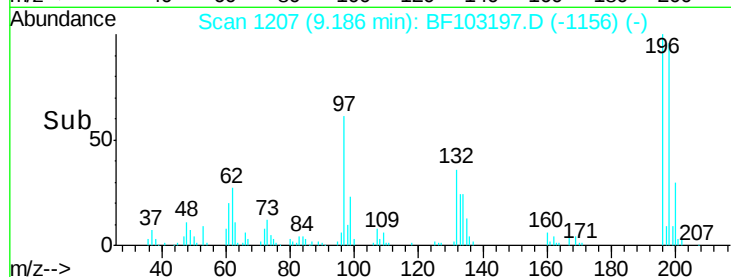
#43
2,4,5-Trichlorophenol
Concen: 7.136 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 53025
Ion Ratio Lower Upper
196 100
198 95.6 74.6 112.0
97 61.1 42.9 64.3
132 36.1 26.3 39.5

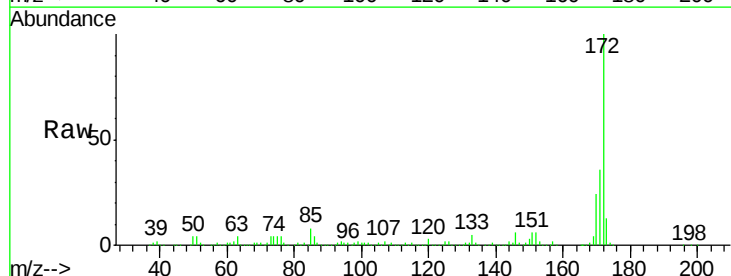


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

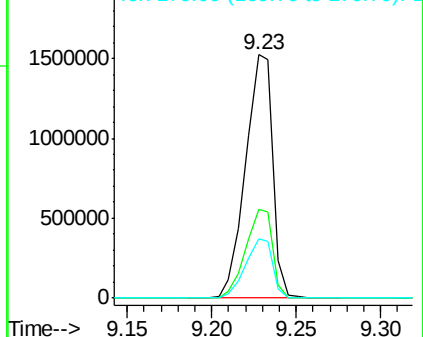
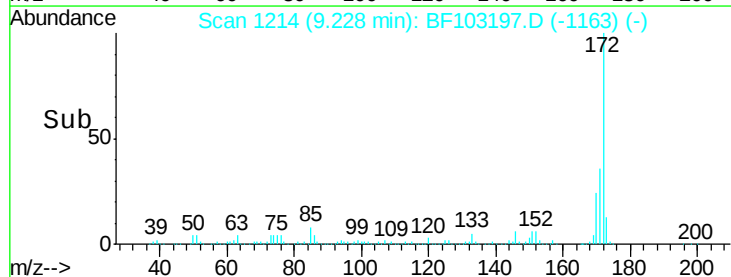


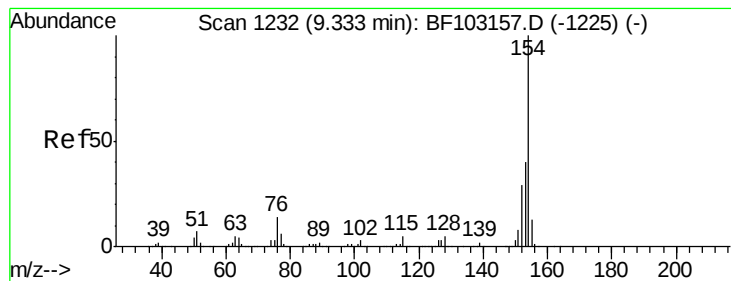
#44
2-Fluorobiphenyl
Concen: 84.214 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:172 Resp: 1720907
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 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: 8.677 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

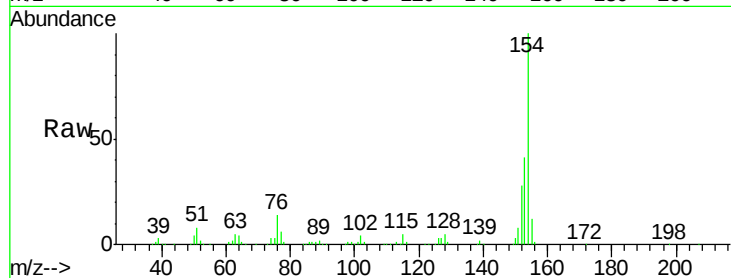
Tot Ion:154 Resp: 255342

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

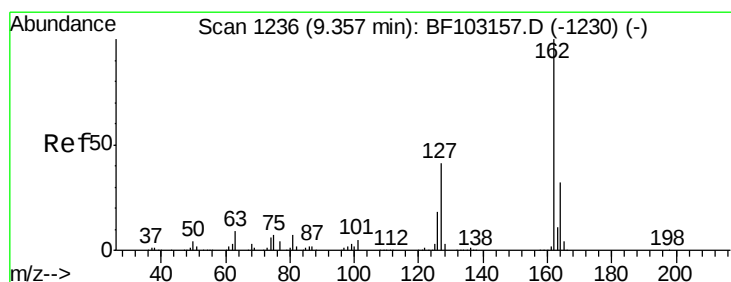
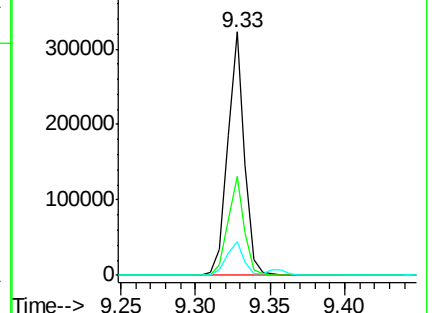
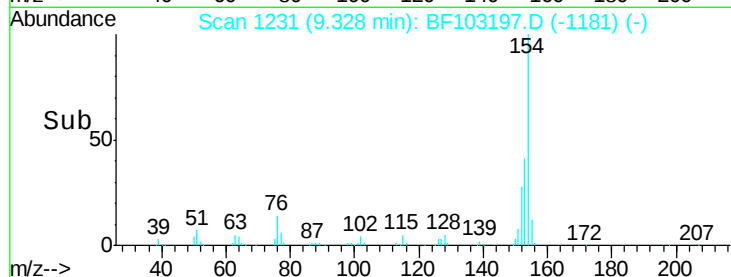
76 13.9 0.0 34.0



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: 8.224 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

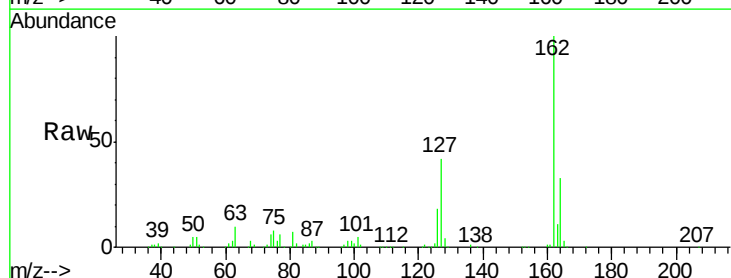
Tgt Ion:162 Resp: 191465

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

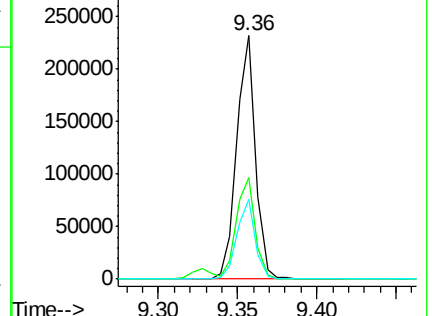
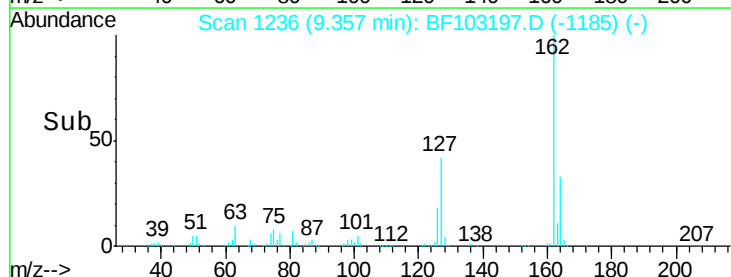
164 32.6 26.5 39.7

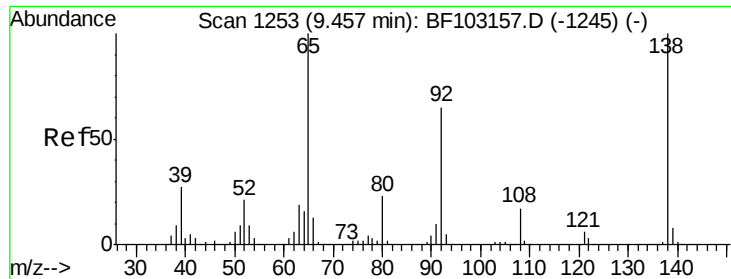


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

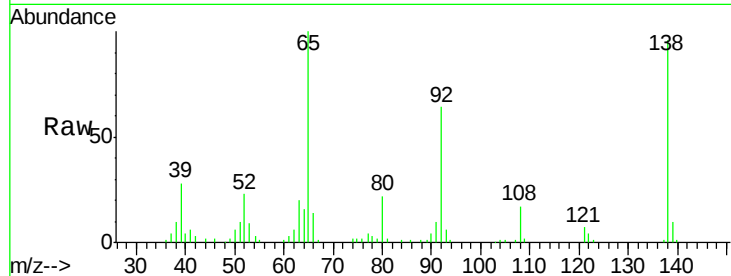




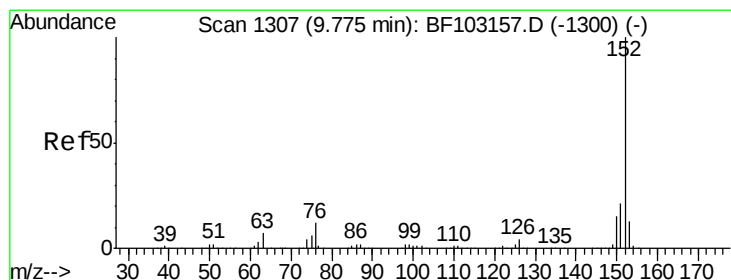
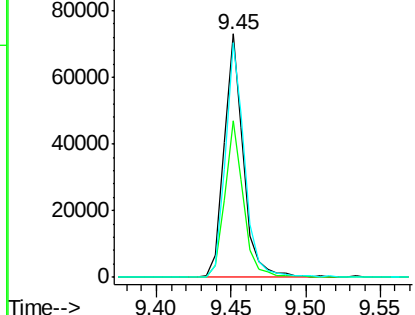
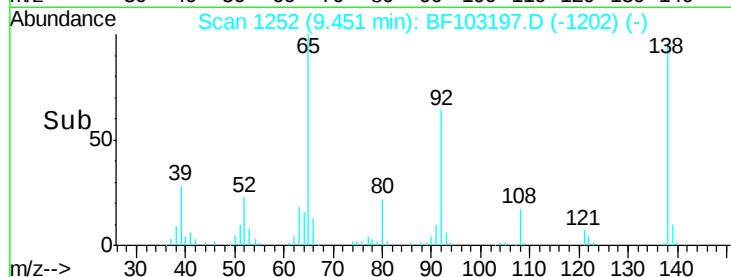
#47
2-Nitroaniline
Concen: 7.726 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 66628
Ion Ratio Lower Upper
65 100
92 64.4 55.8 83.6
138 96.1 91.2 136.8

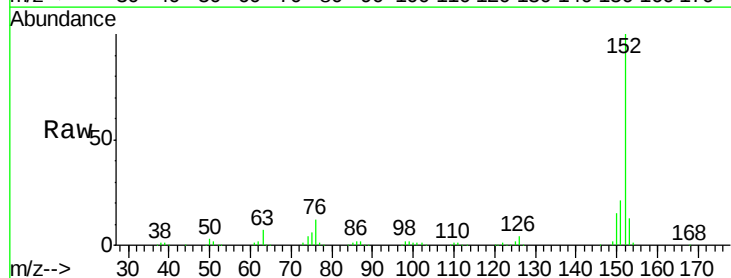


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

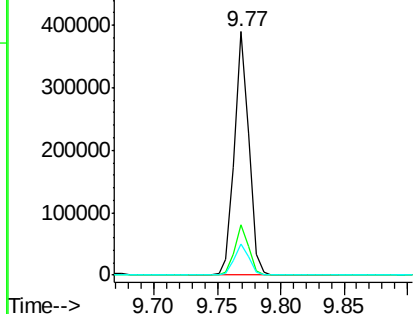
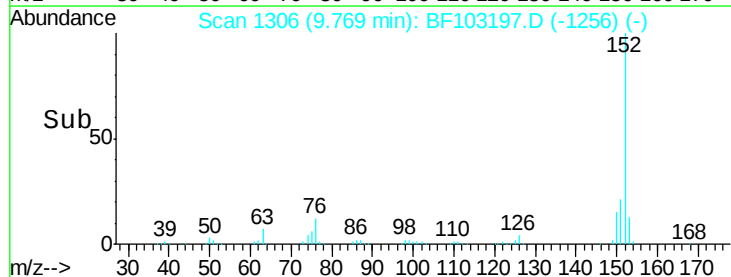


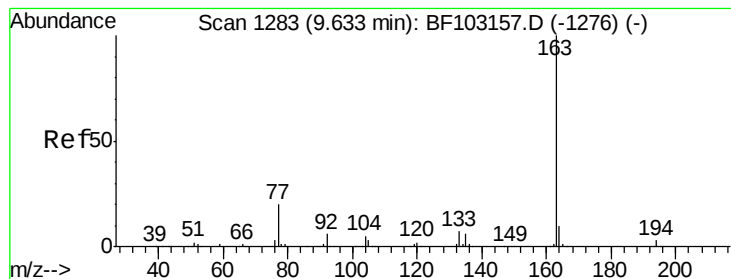
#48
Acenaphthylene
Concen: 8.522 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion: 152 Resp: 305270
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 12.9 10.7 16.1



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





#49

Dimethylphthalate

Concen: 8.083 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

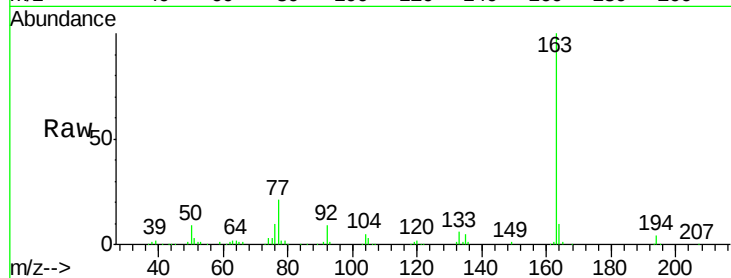
Tot Ion:163 Resp: 227738

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

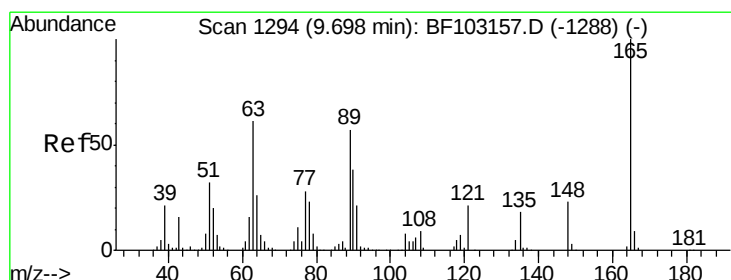
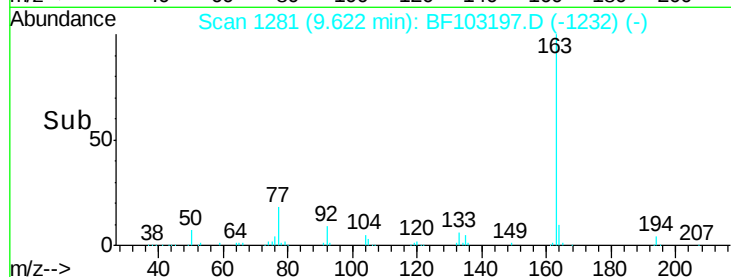
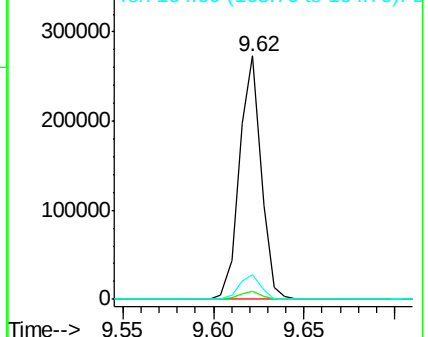
164 10.1 8.2 12.2



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: 7.880 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

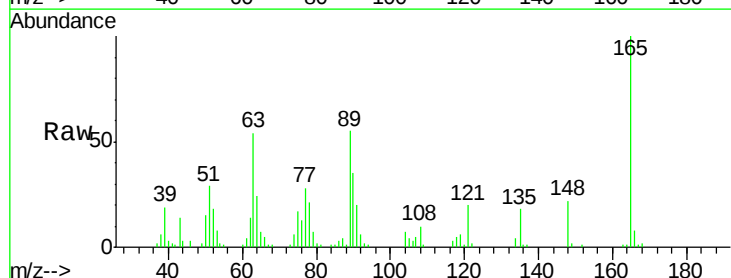
Tgt Ion:165 Resp: 46592

Ion Ratio Lower Upper

165 100

63 53.6 44.7 67.1

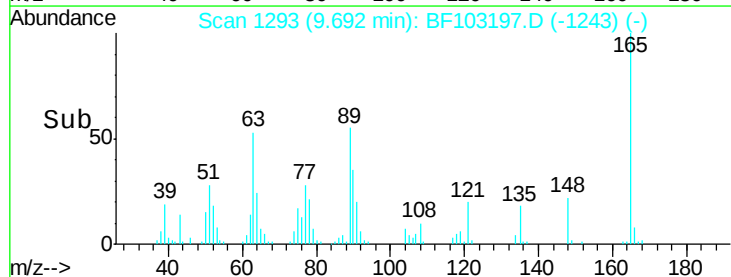
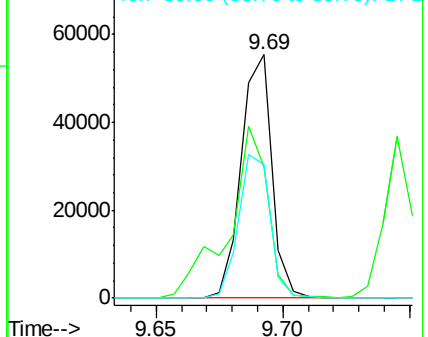
89 54.9 44.0 66.0

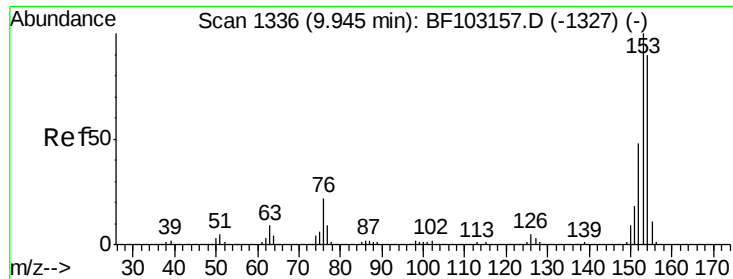


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 8.438 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

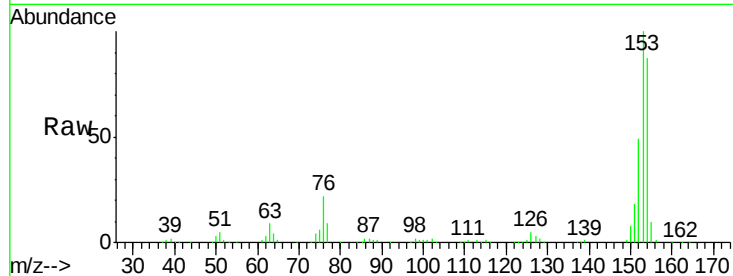
Tot Ion:154 Resp: 176249

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

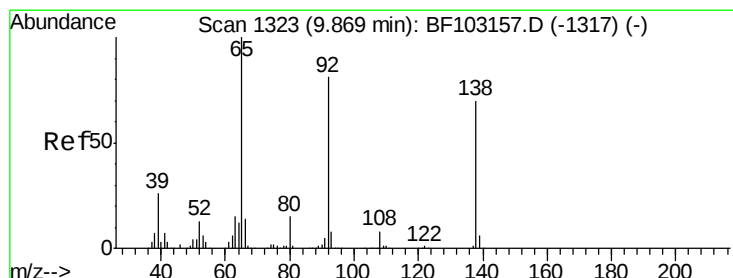
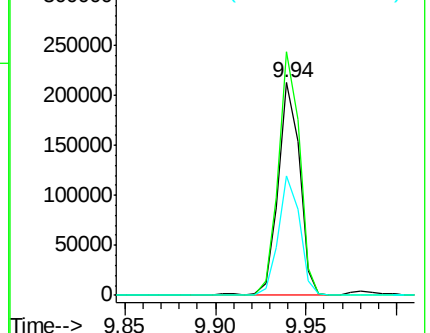
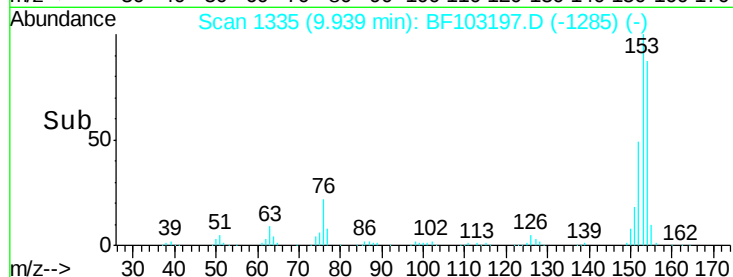
152 56.3 43.8 65.8



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: 7.463 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

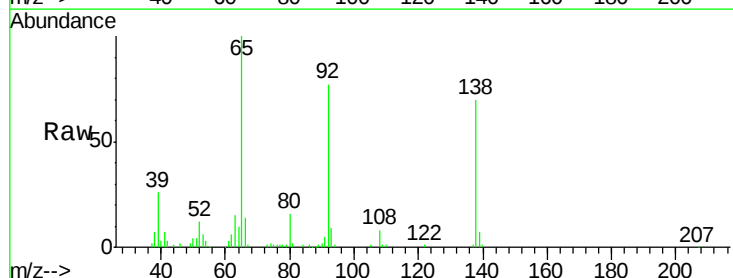
Tgt Ion:138 Resp: 55979

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

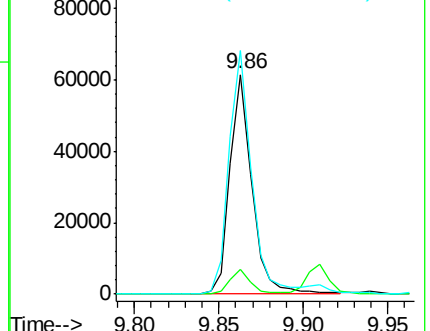
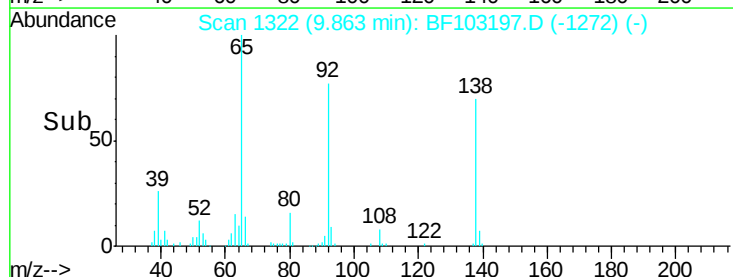
92 111.0 89.4 134.2

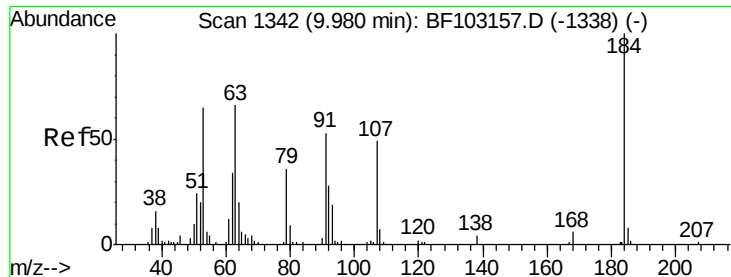


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

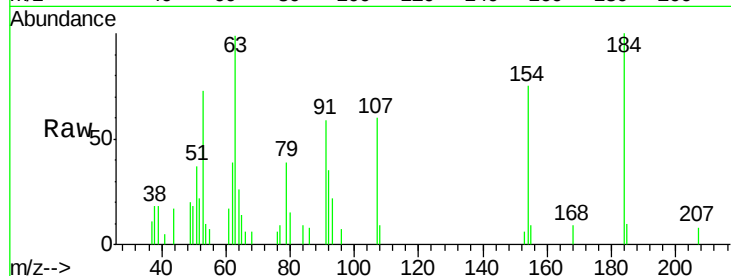




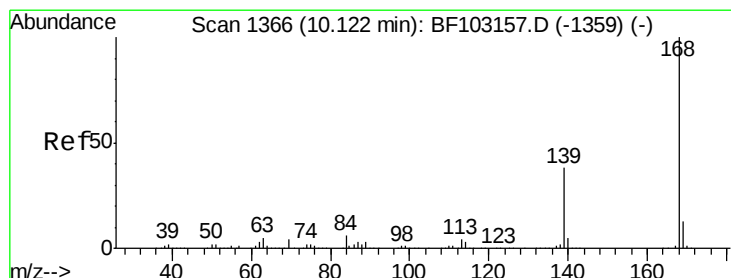
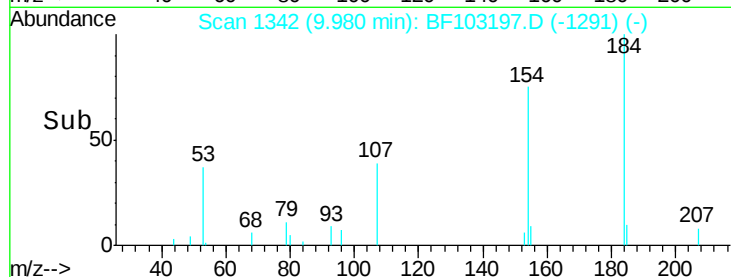
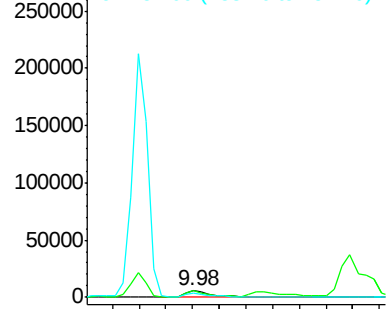
#53
2,4-Dinitrophenol
Concen: 13.276 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 8873
Ion Ratio Lower Upper
184 100
63 99.4 54.2 81.2#
154 74.9 184.0 276.0#

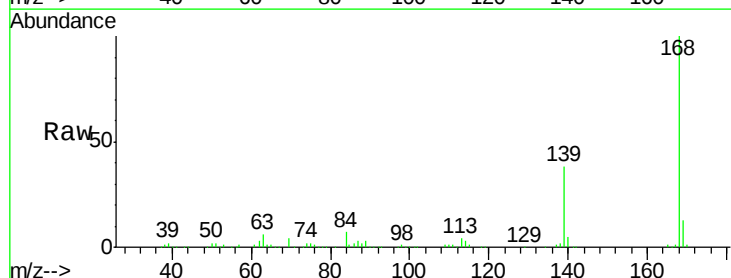


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

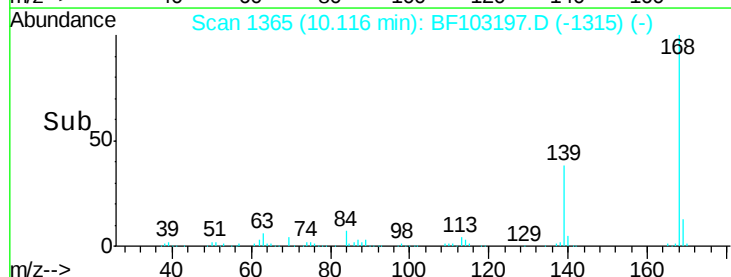
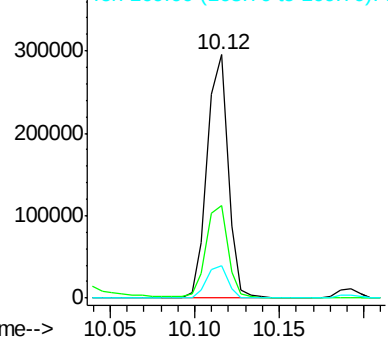


#54
Dibenzofuran
Concen: 8.902 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:168 Resp: 255257
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.4 10.9 16.3



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

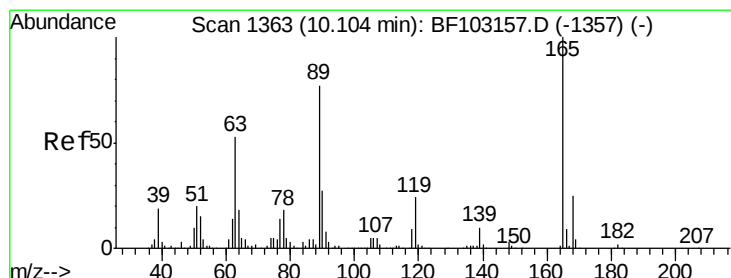
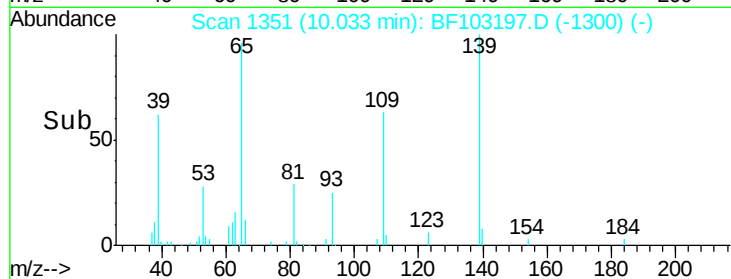
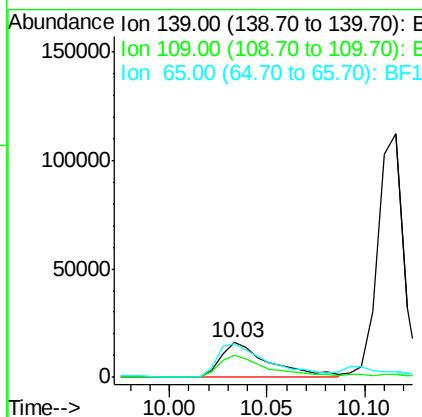
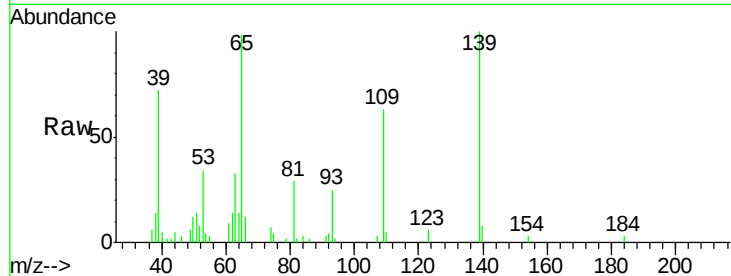




#55
4-Nitrophenol
Concen: 5.949 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

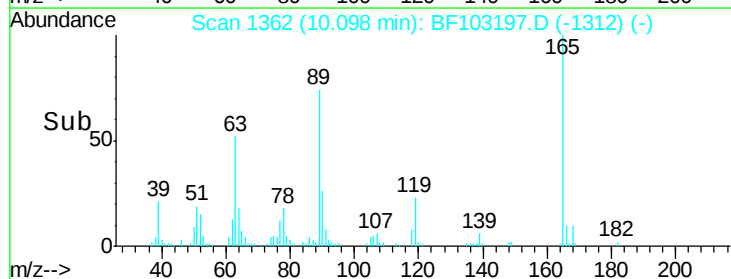
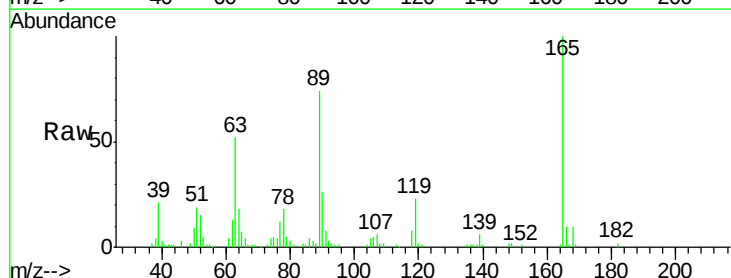
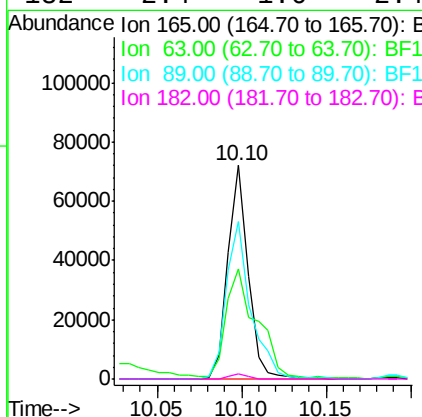
Instrument :
BNA_F
ClientSampleId :

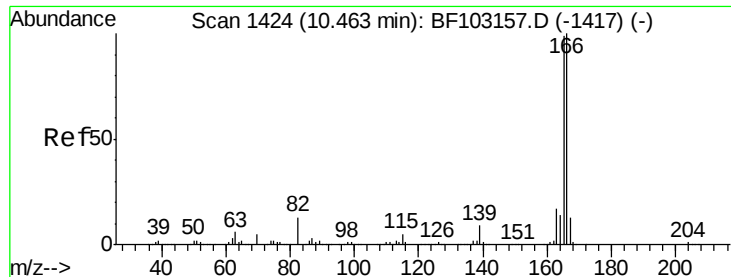
Tot Ion	Ratio	Lower	Upper
139	100		
109	62.9	48.4	88.4
65	97.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 8.077 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.6	36.4	54.6
89	74.0	57.8	86.6
182	2.4	1.6	2.4

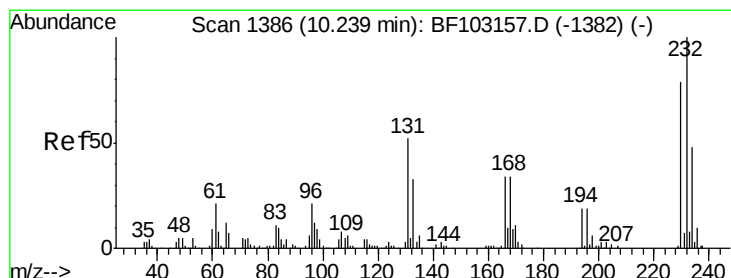
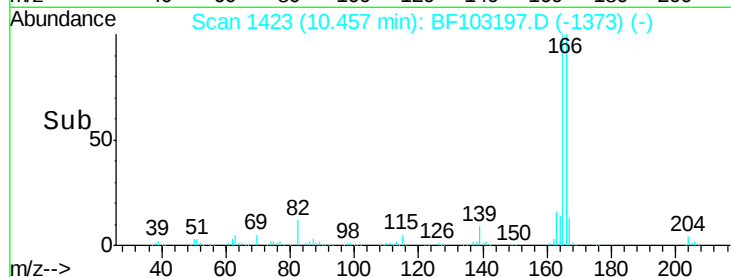
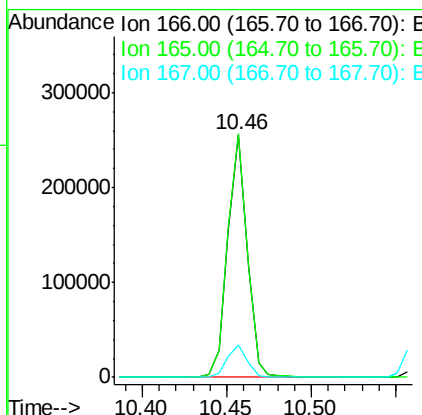
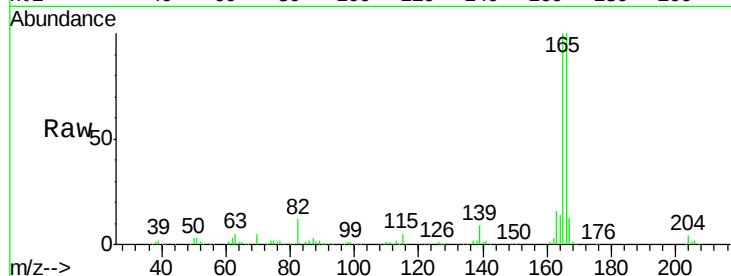




#57
 Fluorene
 Concen: 8.388 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

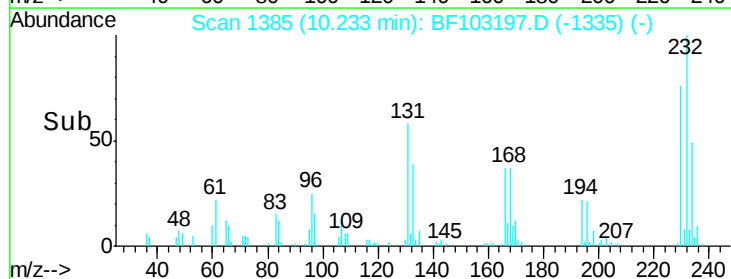
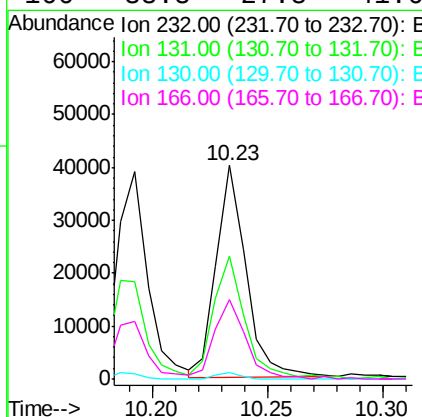
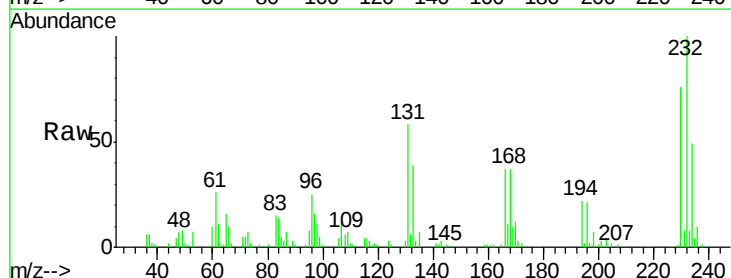
Instrument :
 BNA_F
 ClientSampleId :

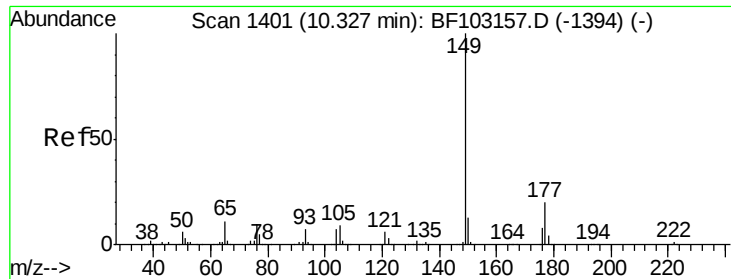
Tot Ion:166 Resp: 204893
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.261 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion:232 Resp: 36244
 Ion Ratio Lower Upper
 232 100
 131 61.7 43.8 65.8
 130 2.5 2.1 3.1
 166 38.8 27.8 41.6

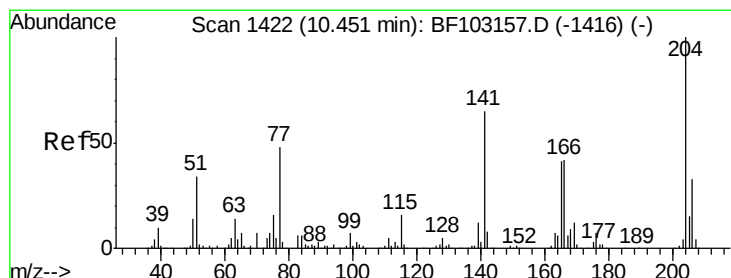
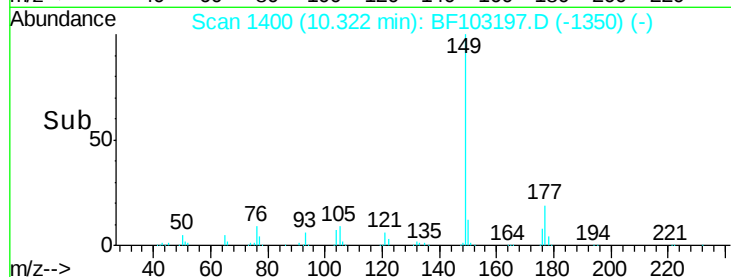
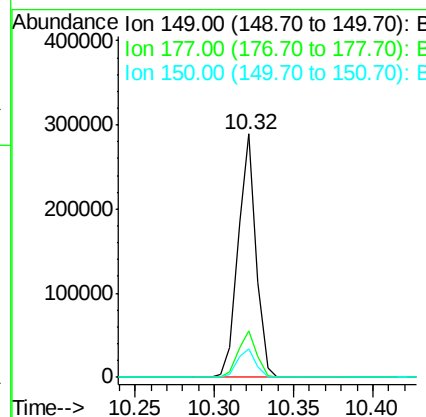
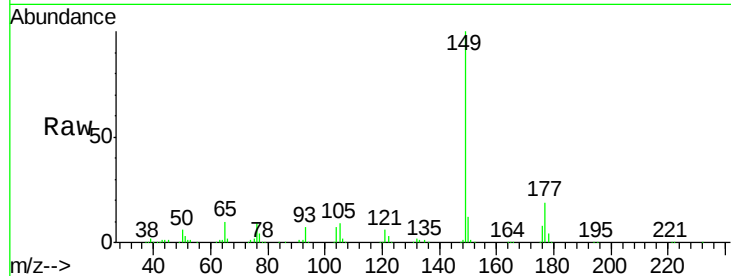




#59
Diethylphthalate
Concen: 8.395 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

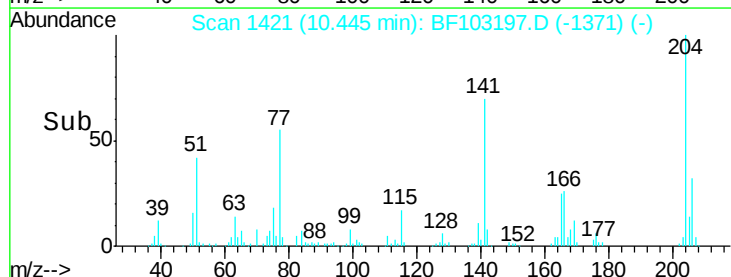
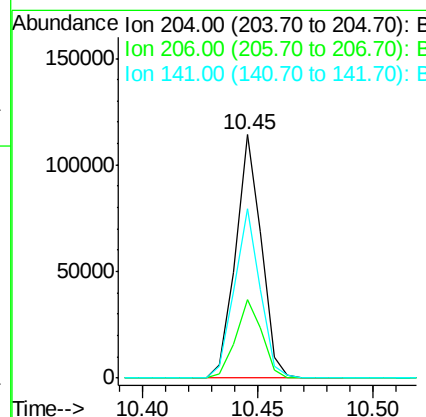
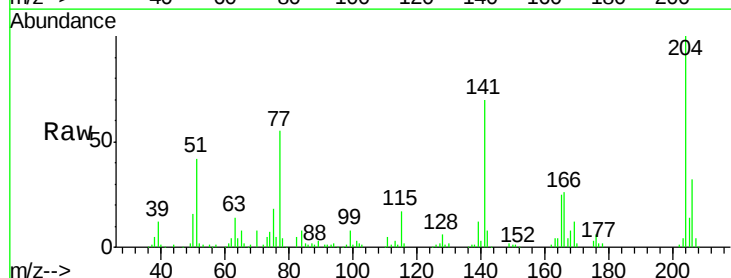
Instrument :
BNA_F
ClientSampleId :

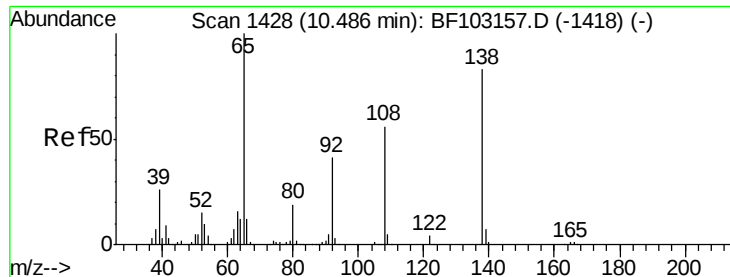
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.2	16.1	24.1
150	11.9	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 8.560 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	69.7	54.6	81.8

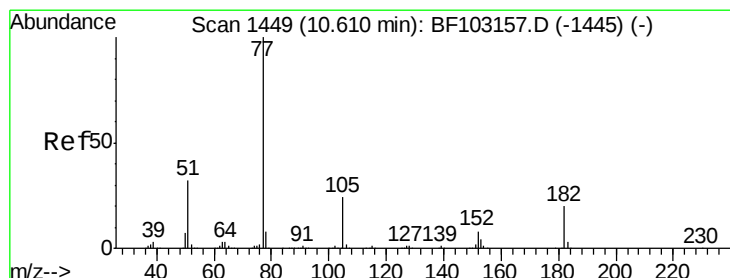
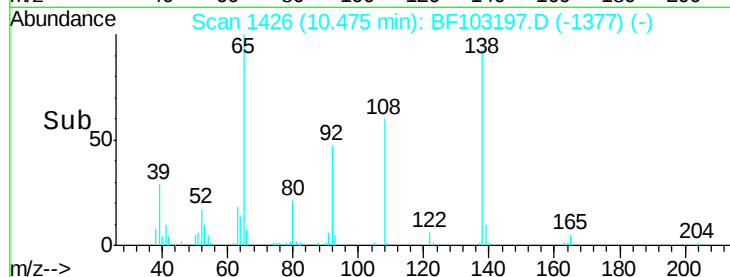
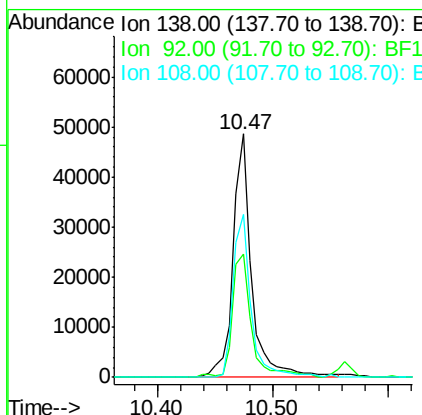
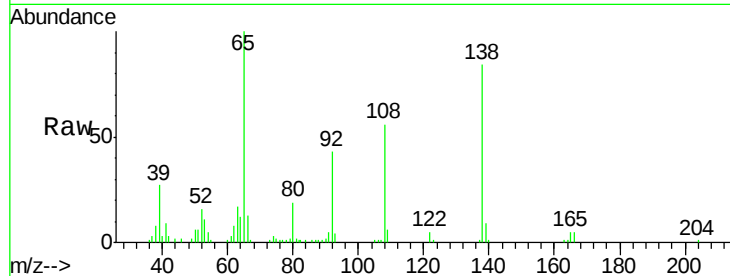




#61
4-Nitroaniline
Concen: 7.251 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

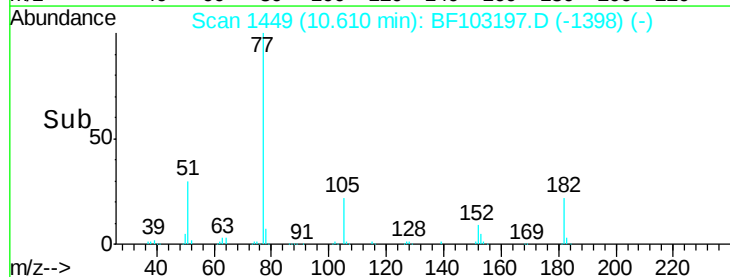
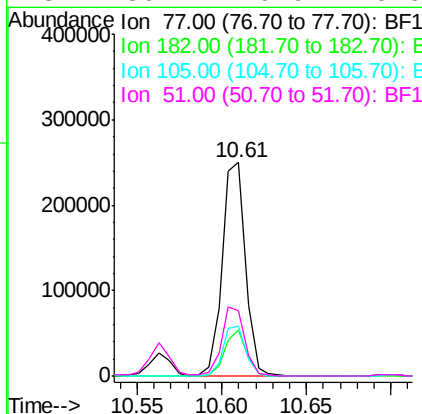
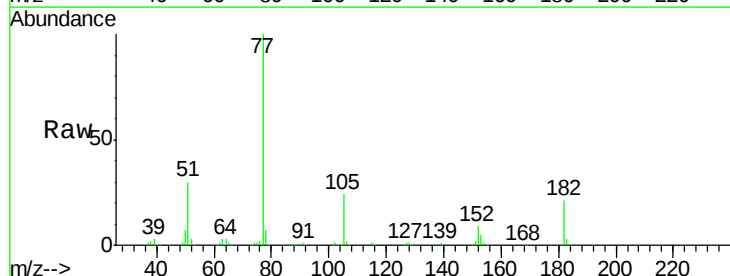
Instrument :
BNA_F
ClientSampleId :

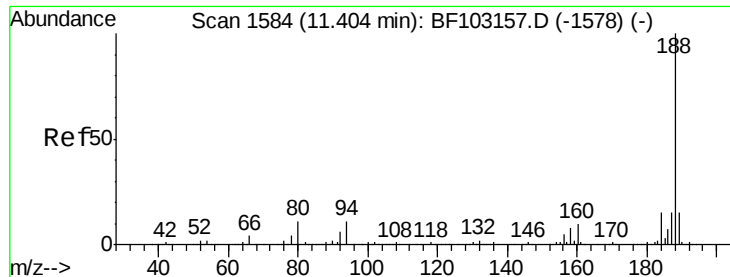
Tot Ion:138 Resp: 54323
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 66.8 52.5 92.5



#62
Azobenzene
Concen: 8.721 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion: 77 Resp: 239190
Ion Ratio Lower Upper
77 100
182 21.4 1.7 41.7
105 23.5 3.0 43.0
51 30.4 9.9 49.9

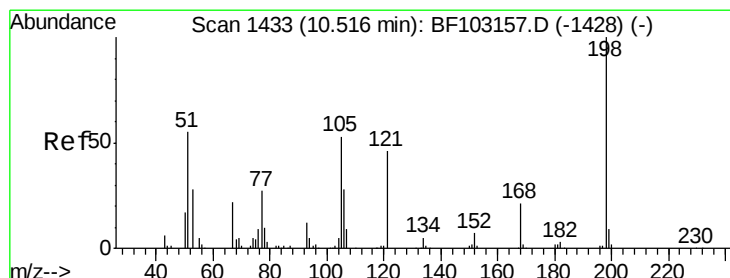
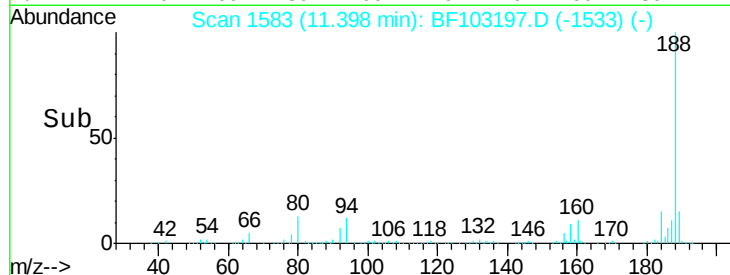
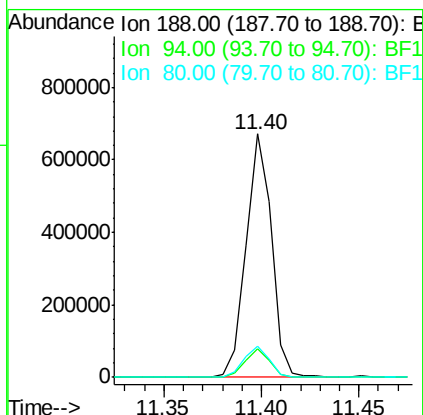
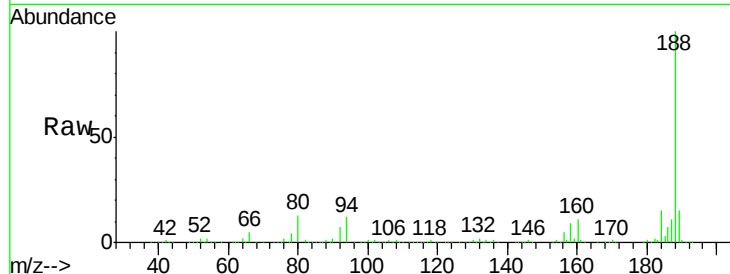




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

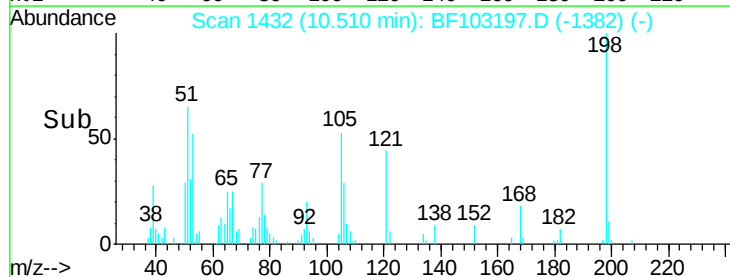
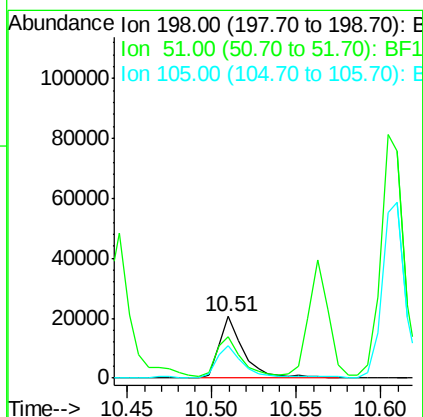
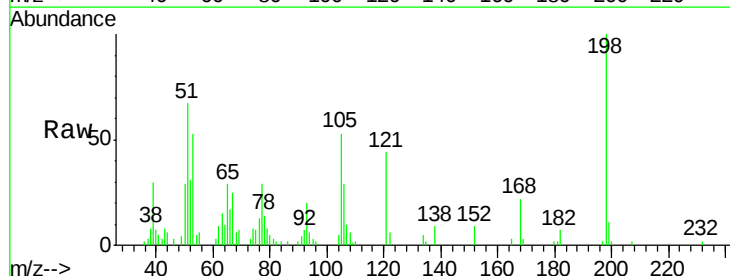
Instrument :
BNA_F
ClientSampleId :

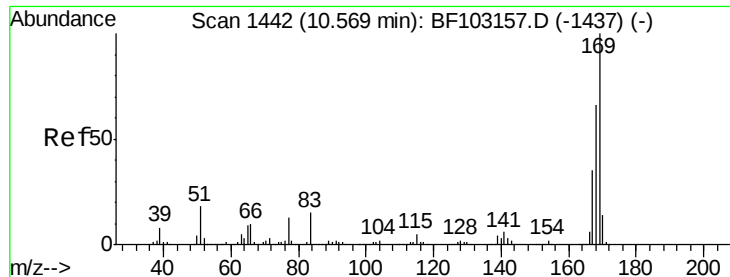
Tot Ion:188 Resp: 605290
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 10.084 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:198 Resp: 21098
Ion Ratio Lower Upper
198 100
51 67.3 37.7 77.7
105 52.7 36.3 76.3

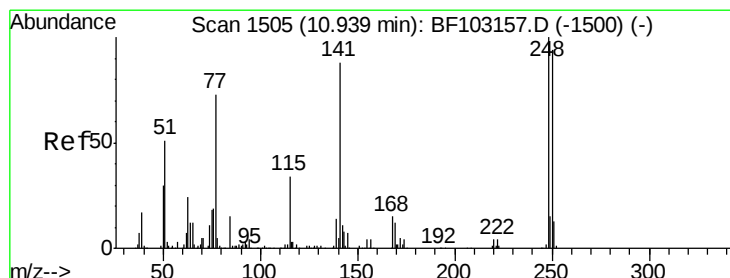
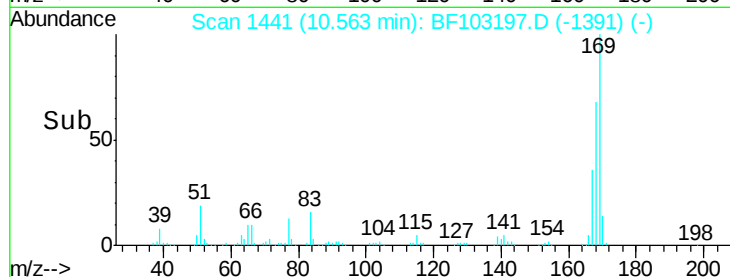
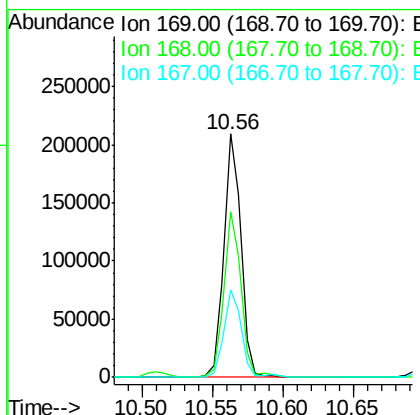
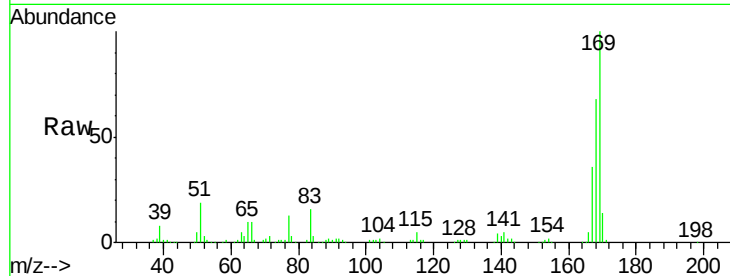




#65
 n-Nitrosodiphenylamine
 Concen: 8.368 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

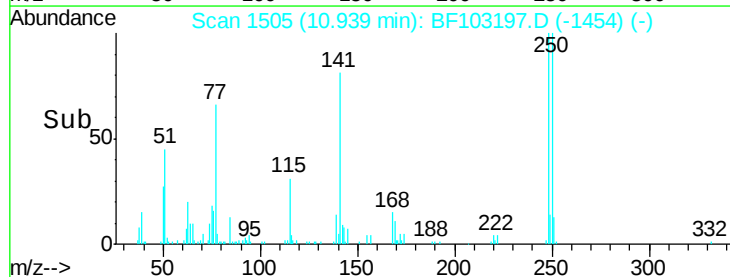
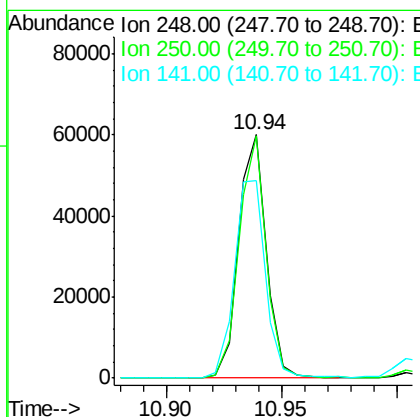
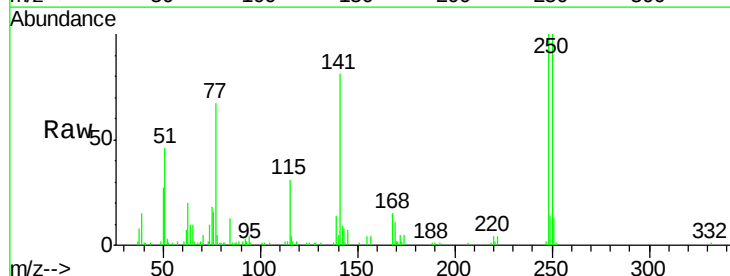
Instrument :
 BNA_F
 ClientSampleId :

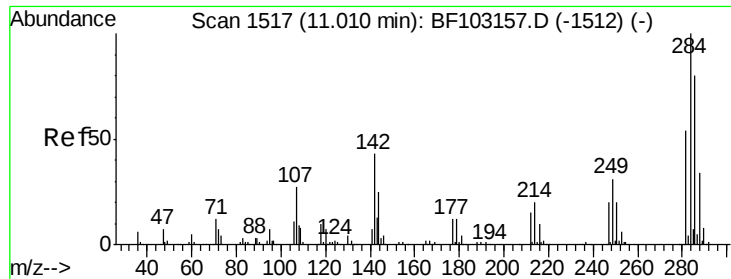
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	36.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 8.000 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.9	115.3
141	81.0	74.4	111.6

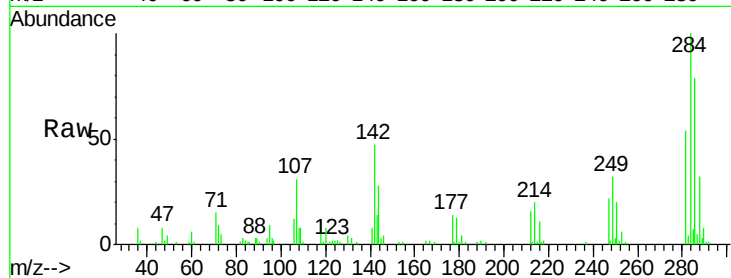




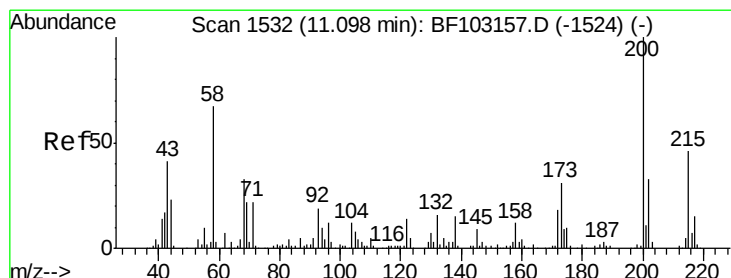
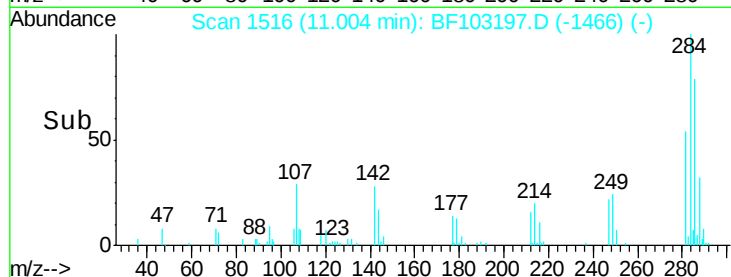
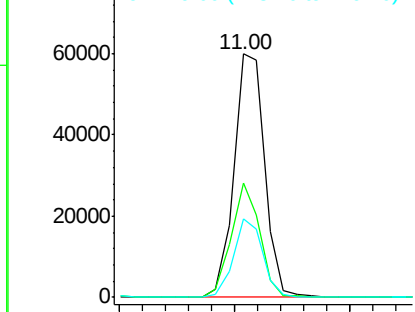
#67
Hexachlorobenzene
Concen: 8.092 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 55383
Ion Ratio Lower Upper
284 100
142 47.1 34.6 52.0
249 32.0 24.8 37.2

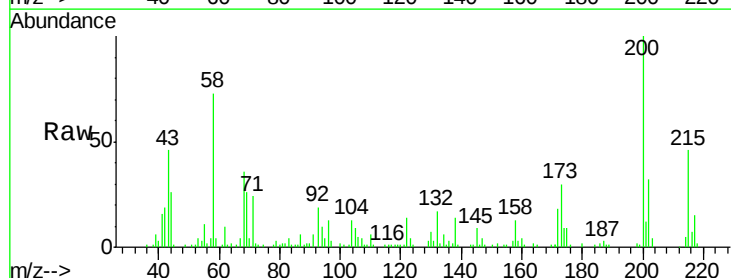


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

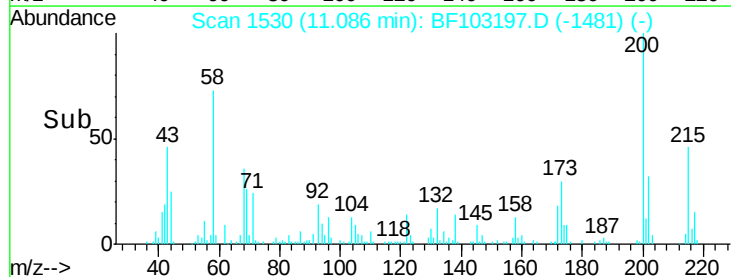
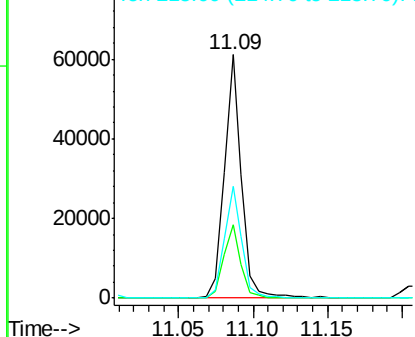


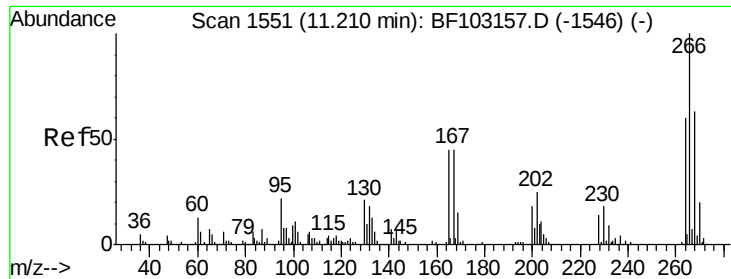
#68
Atrazine
Concen: 7.806 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:200 Resp: 49445
Ion Ratio Lower Upper
200 100
173 30.1 8.6 48.6
215 45.9 25.1 65.1



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

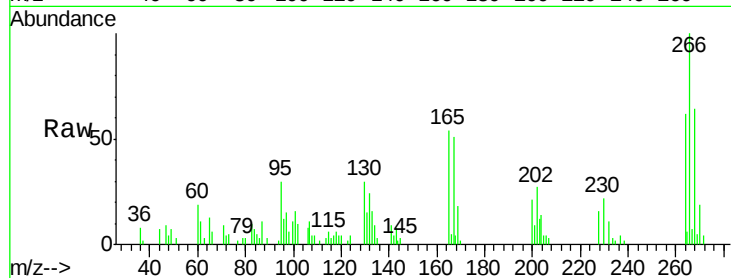




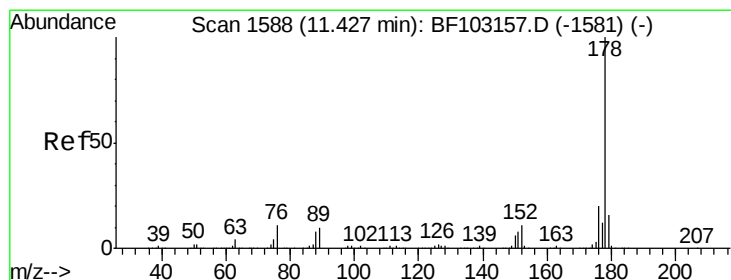
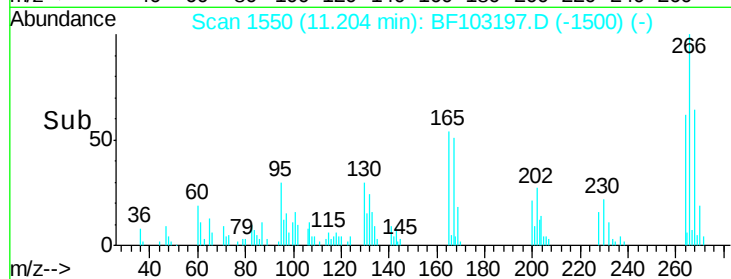
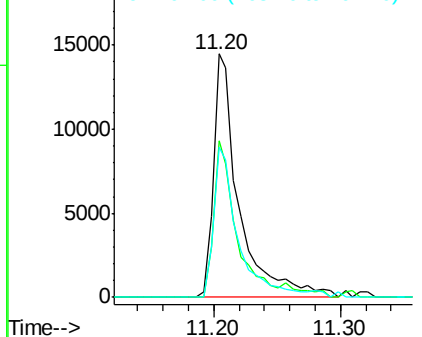
#69
 Pentachlorophenol
 Concen: 6.177 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	61.9	49.5	74.3

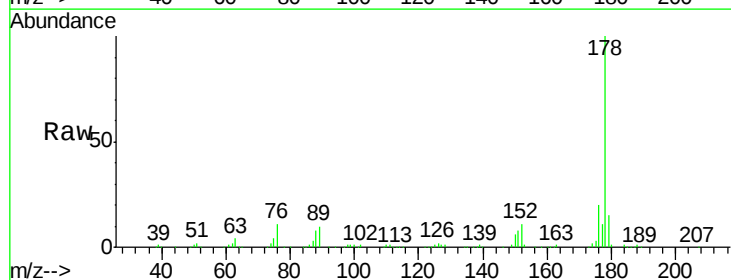


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

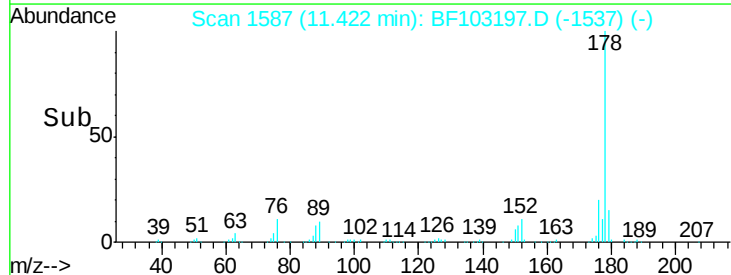
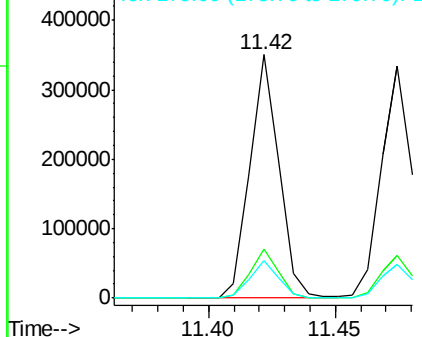


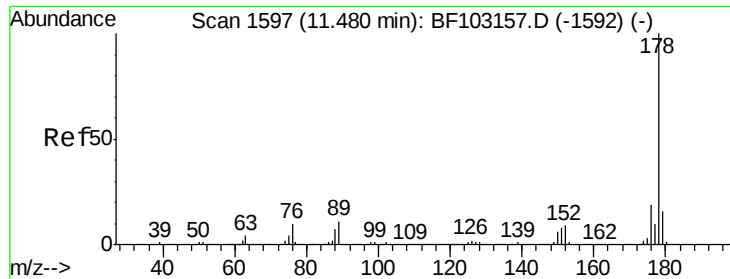
#70
 Phenanthrene
 Concen: 8.470 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.4	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

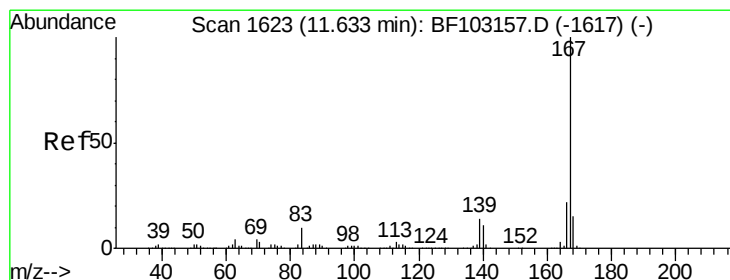
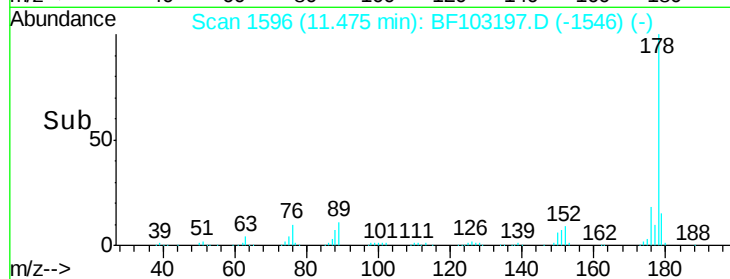
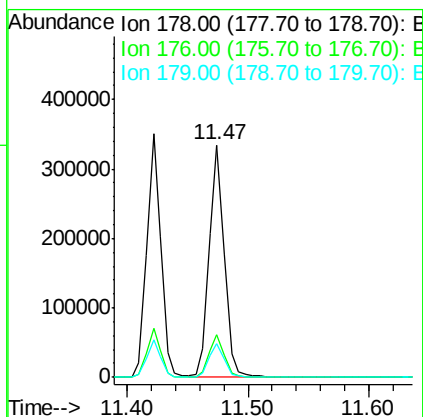
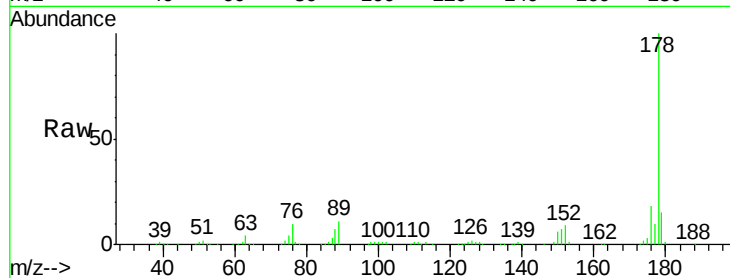




#71
 Anthracene
 Concen: 8.512 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

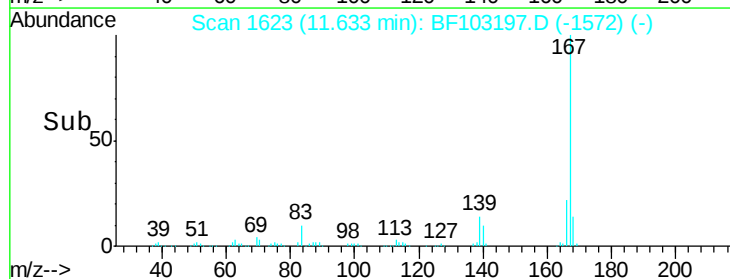
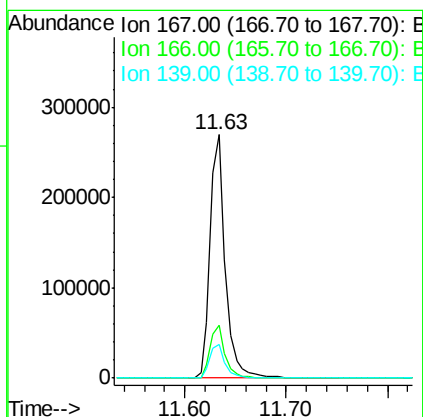
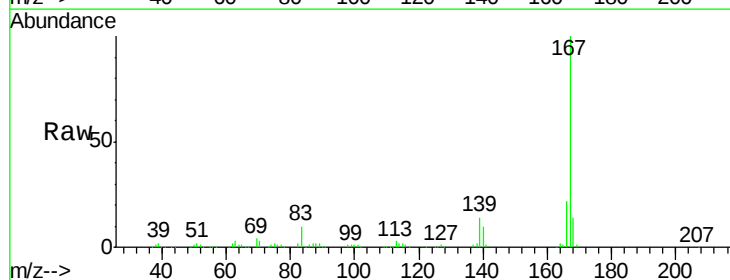
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 290770
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 14.6 12.6 19.0



#72
 Carbazole
 Concen: 8.283 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion:167 Resp: 281746
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.7 10.9 16.3

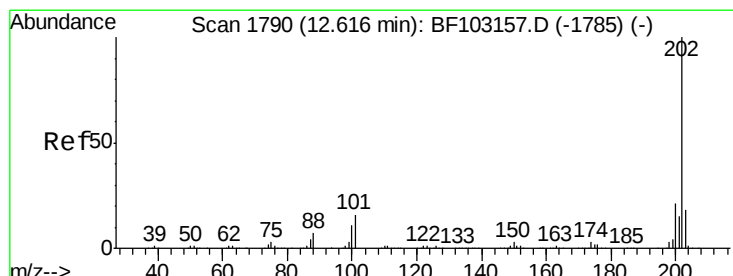
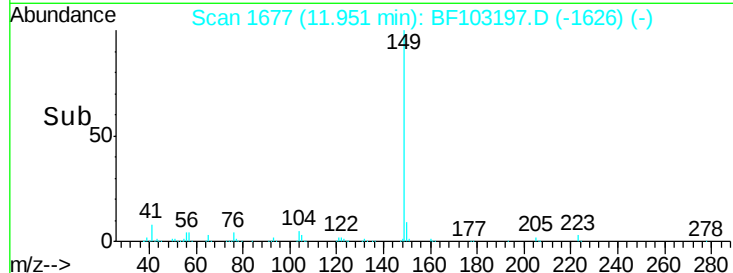
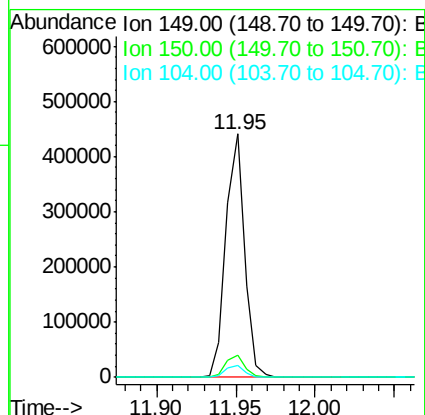
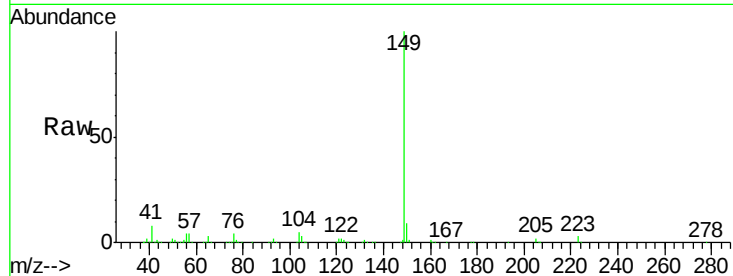




#73
Di-n-butylphthalate
Concen: 8.456 ng
RT: 11.95 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

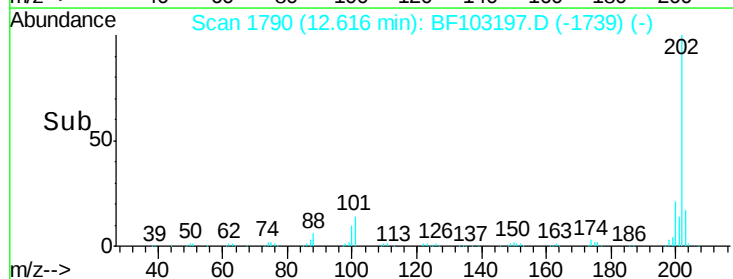
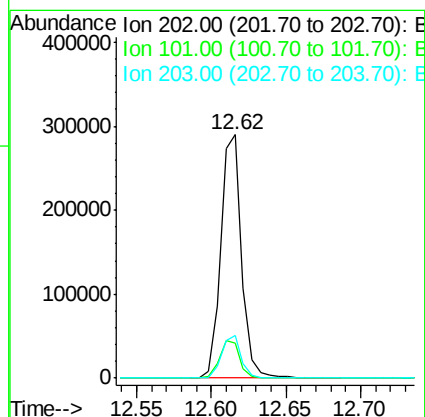
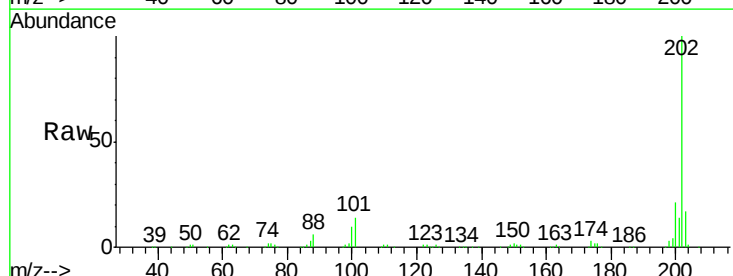
Instrument :
BNA_F
ClientSampleId :

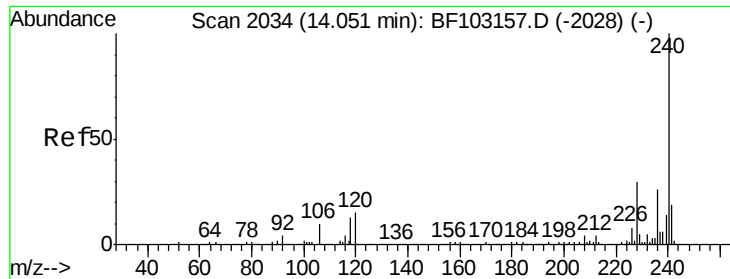
Tot Ion:149 Resp: 359912
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 8.441 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:202 Resp: 282541
Ion Ratio Lower Upper
202 100
101 14.1 0.0 34.1
203 17.4 0.0 38.1

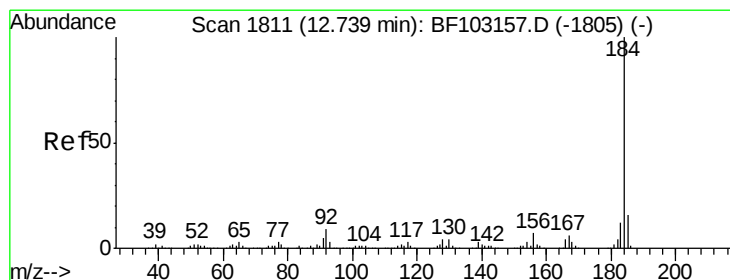
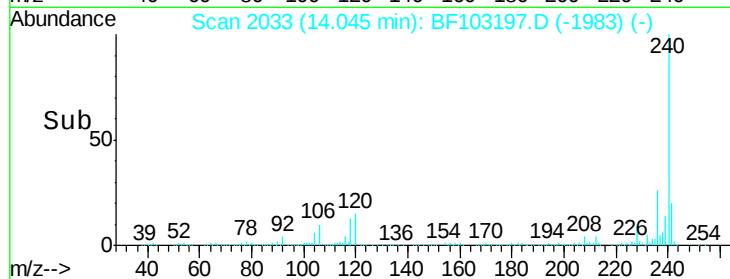
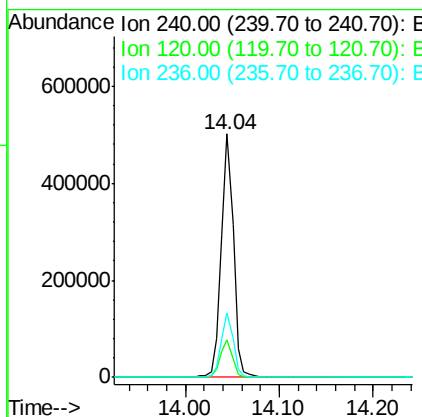
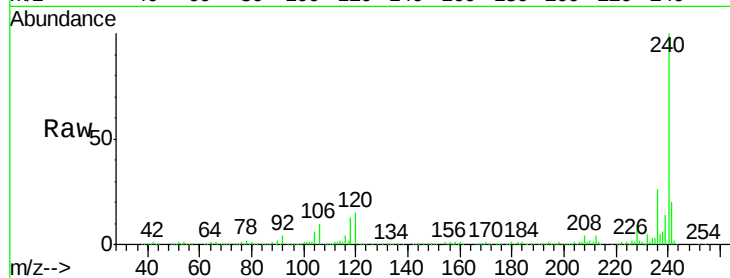




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

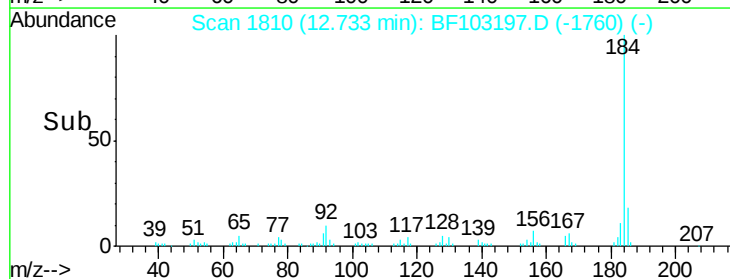
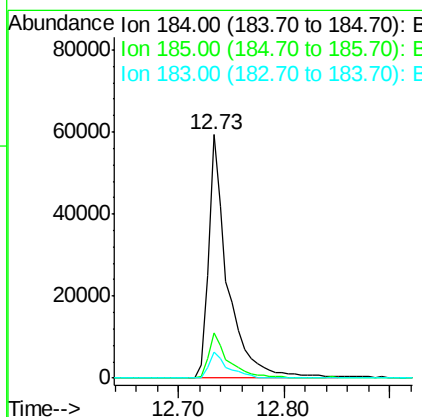
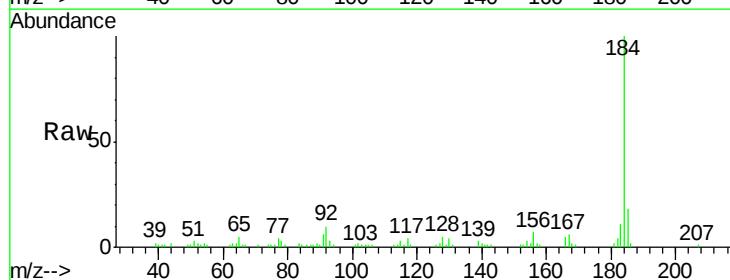
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 459789
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 26.2 20.7 31.1



#76
 Benzidine
 Concen: 4.359 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion:184 Resp: 74936
 Ion Ratio Lower Upper
 184 100
 185 18.4 12.6 18.8
 183 10.6 9.3 13.9

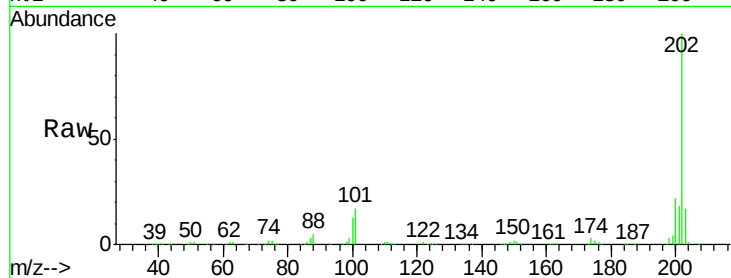




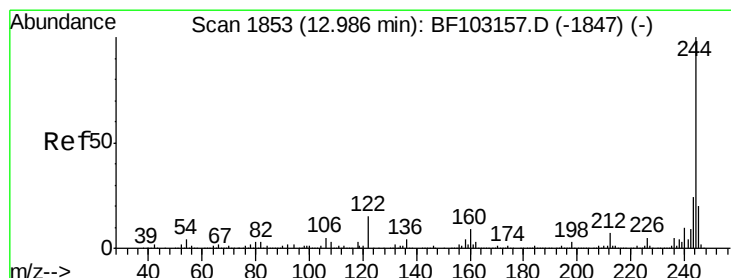
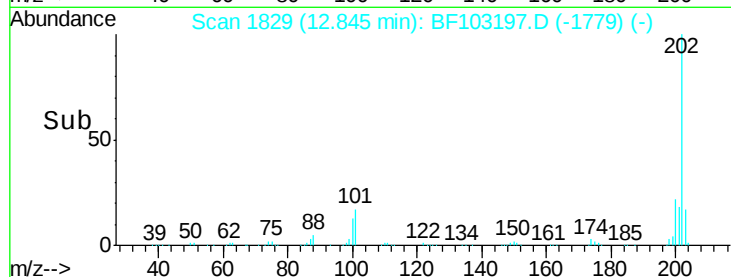
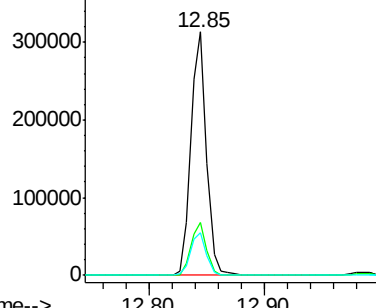
#77
Pvrene
Concen: 8.161 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5

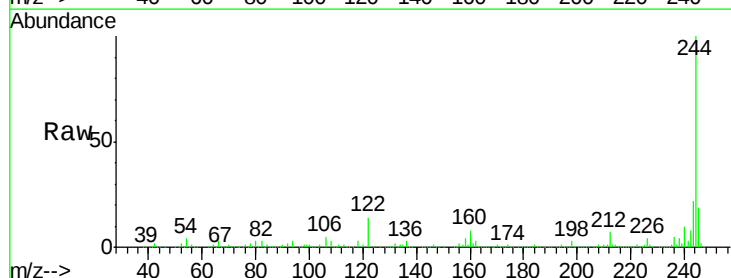


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

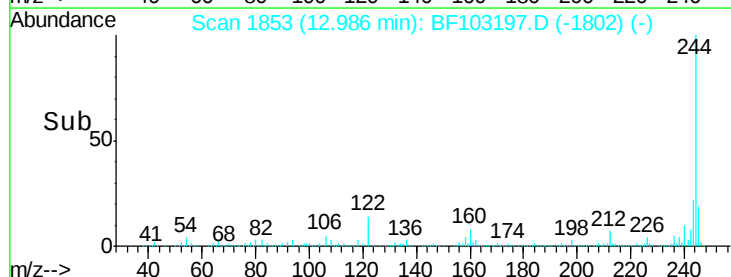
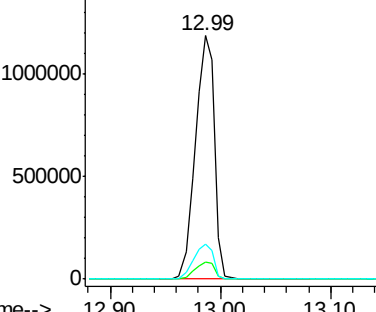


#78
Terphenyl-d14
Concen: 74.936 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.3	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

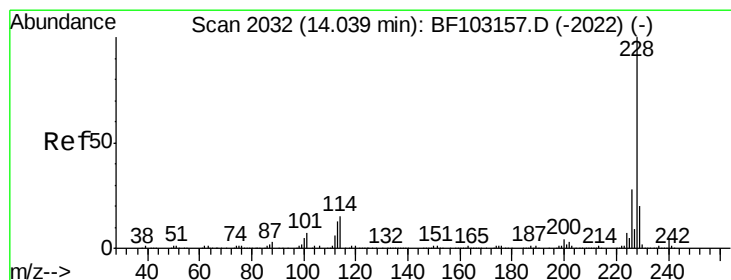
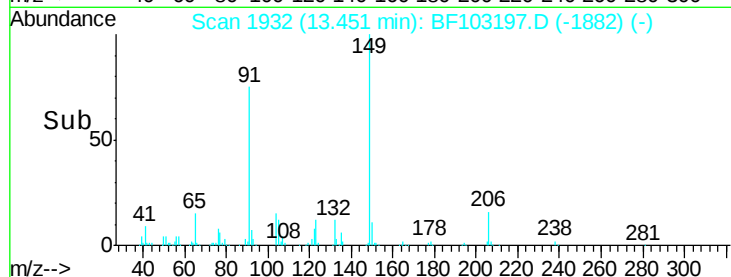
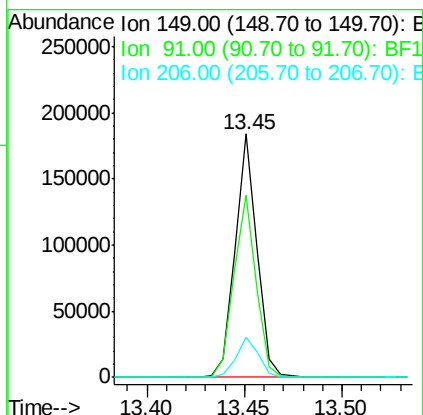
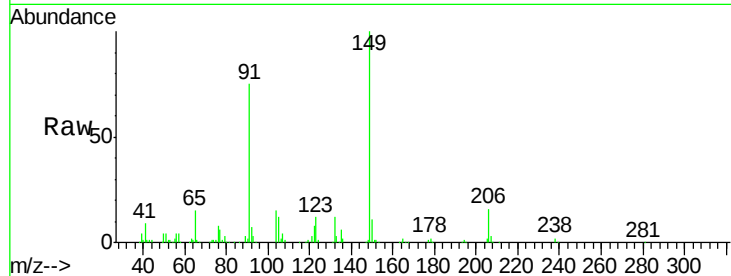




#79
Butylbenzylphthalate
Concen: 7.529 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

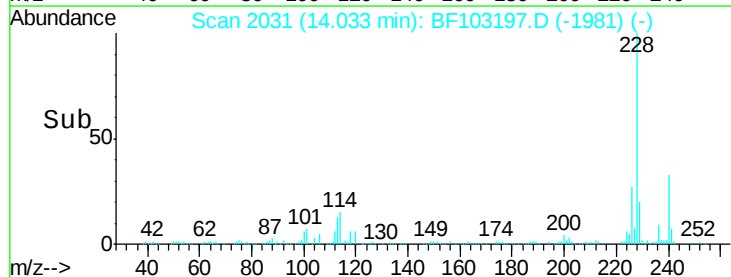
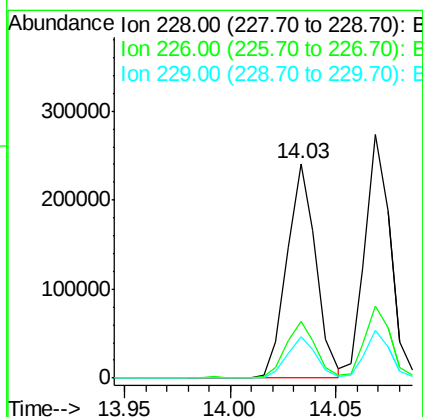
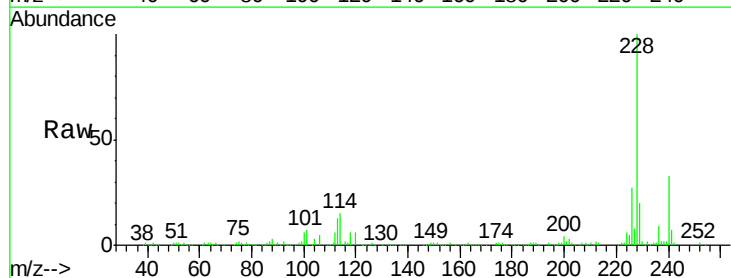
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 142591
Ion Ratio Lower Upper
149 100
91 75.1 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 7.740 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:228 Resp: 230918
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 7.558 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampled :

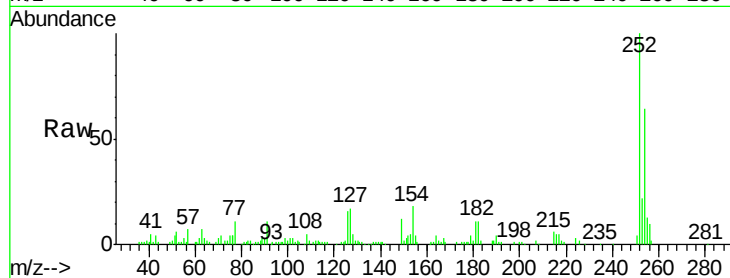
Tot Ion:252 Resp: 80471

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

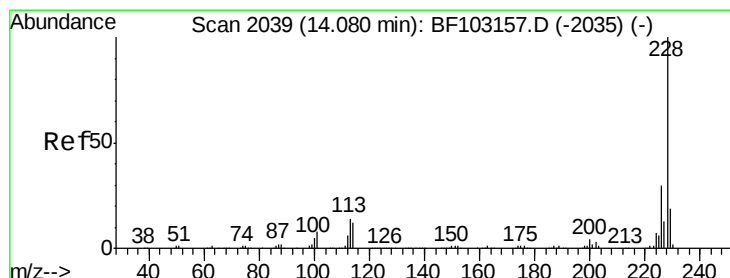
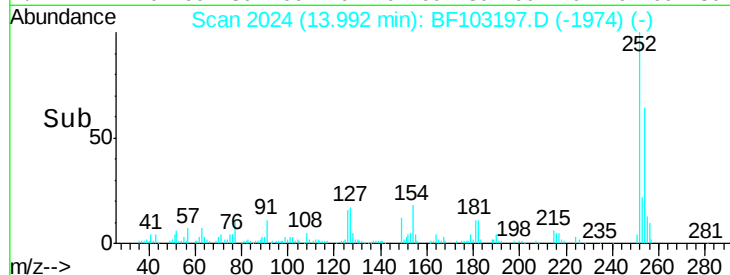
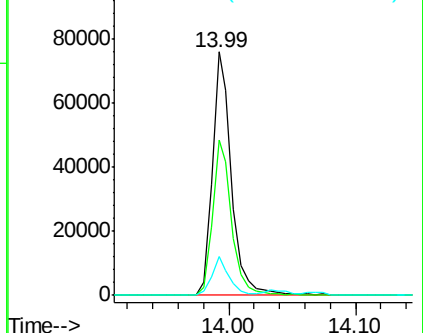
126 15.8 11.3 16.9



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: 8.102 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

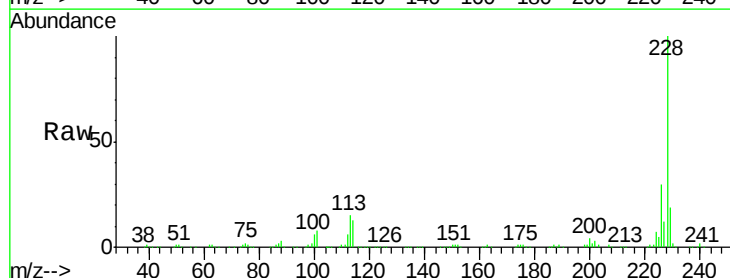
Tgt Ion:228 Resp: 234692

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

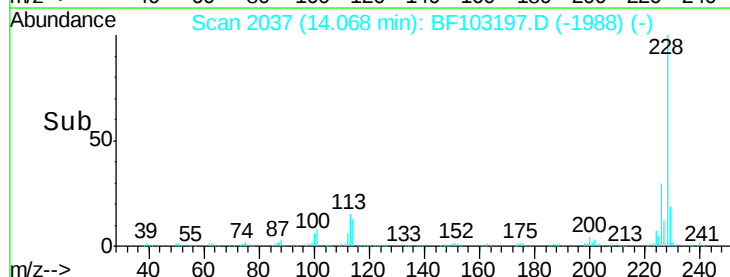
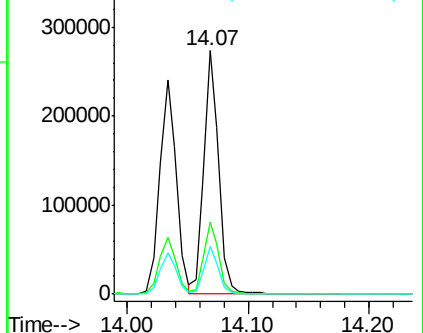
229 19.4 16.2 24.4



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: 7.991 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampled :

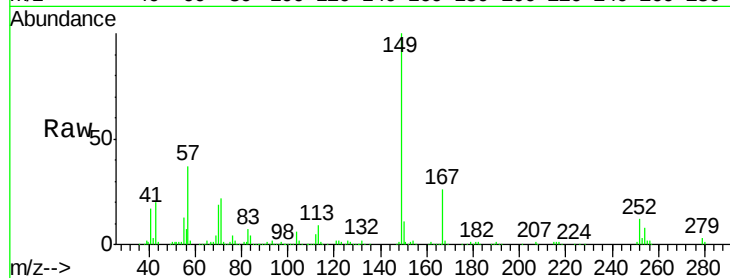
Tot Ion:149 Resp: 204251

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

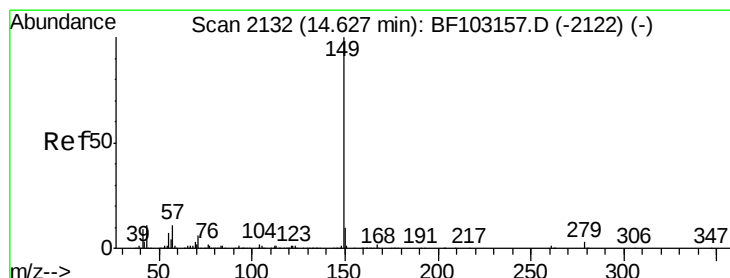
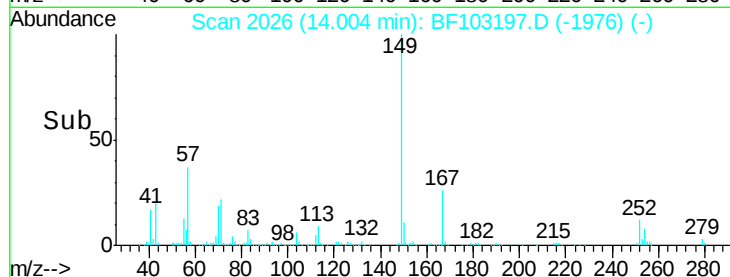
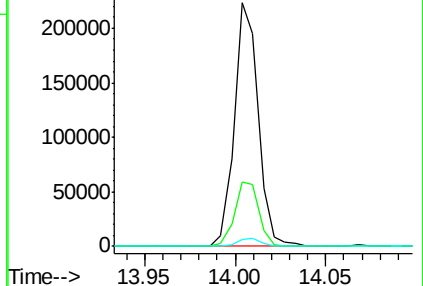
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 7.733 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

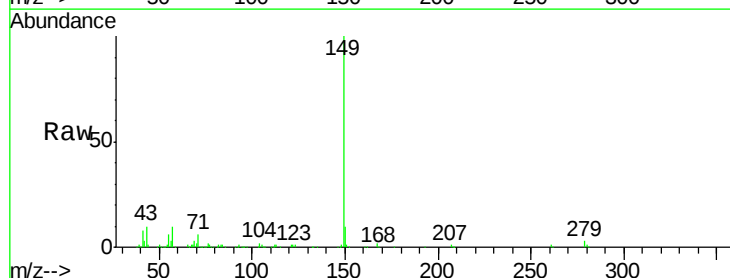
Tgt Ion:149 Resp: 319348

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

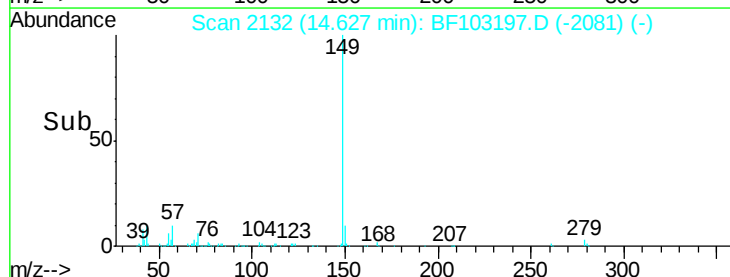
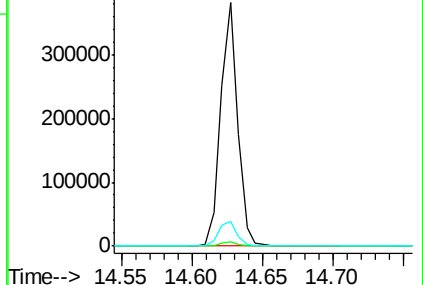
43 11.3 8.4 12.6

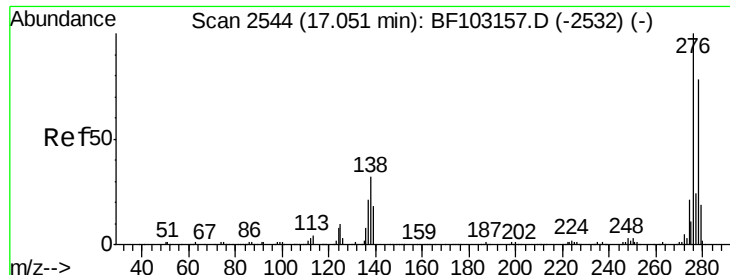


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

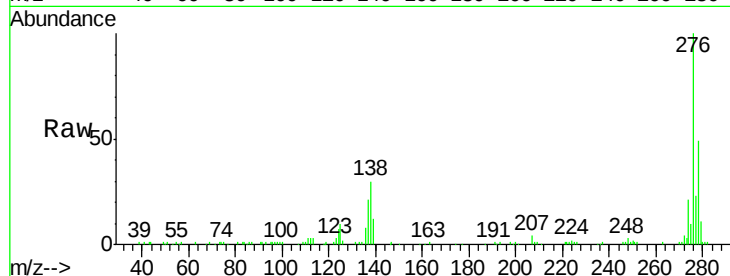




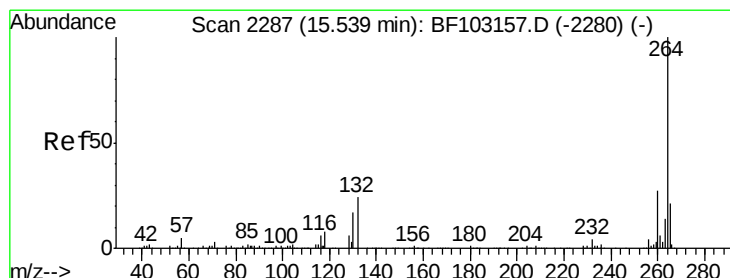
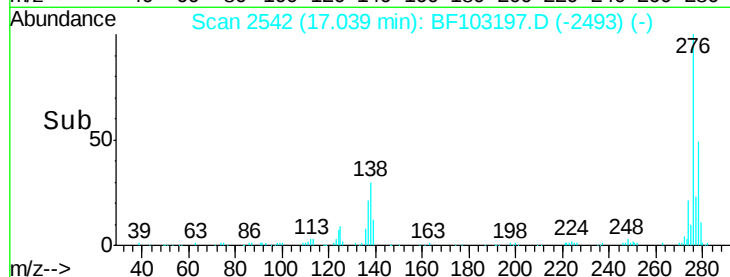
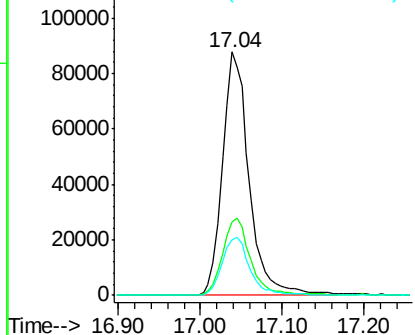
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.667 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 198758
Ion Ratio Lower Upper
276 100
138 32.8 25.0 37.6
277 24.8 20.1 30.1

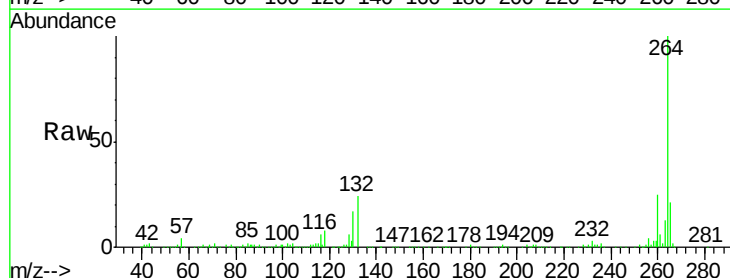


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

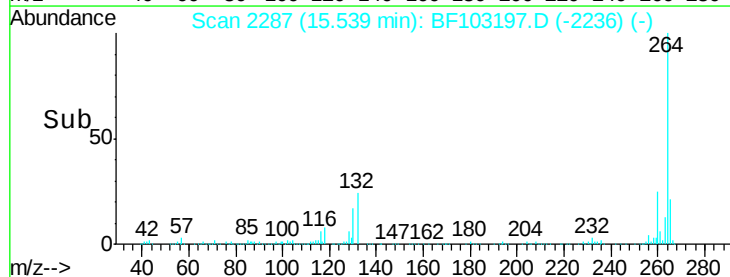
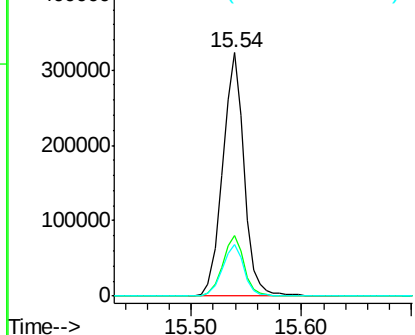


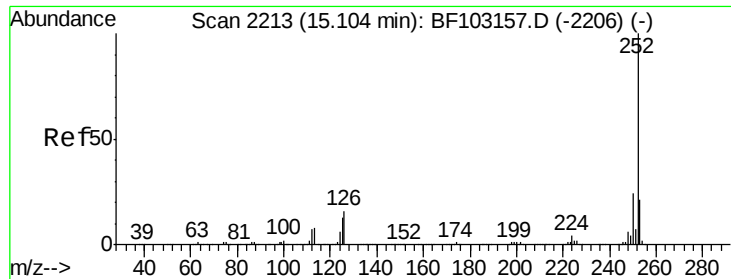
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:264 Resp: 438297
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.4 17.5 26.3



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

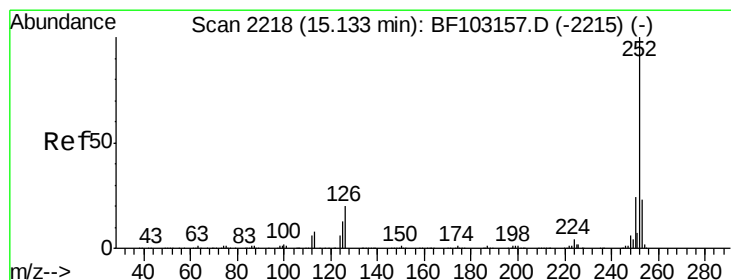
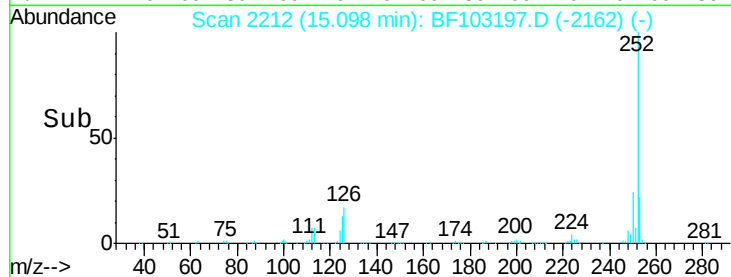
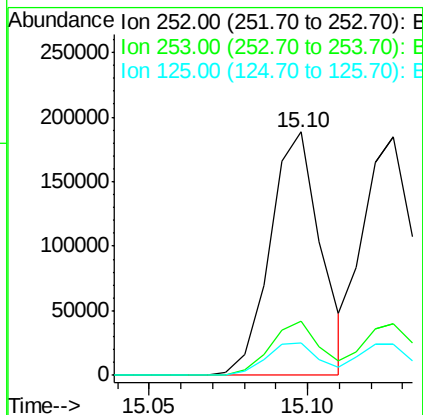
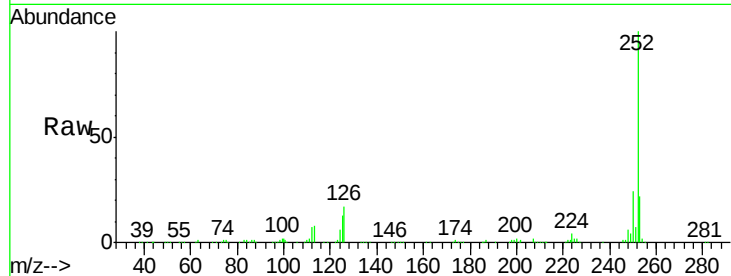




#87
Benzo(b)fluoranthene
Concen: 7.274 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

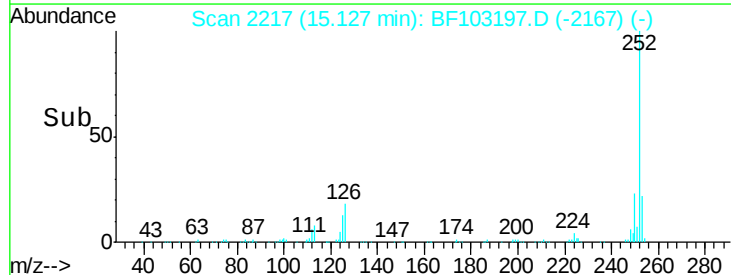
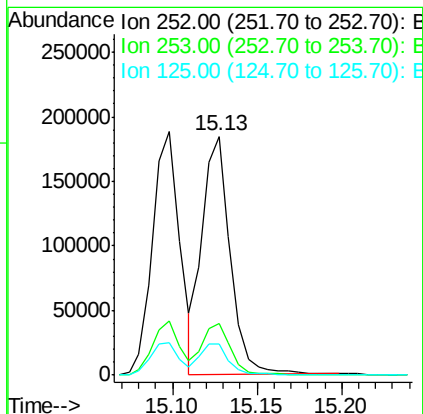
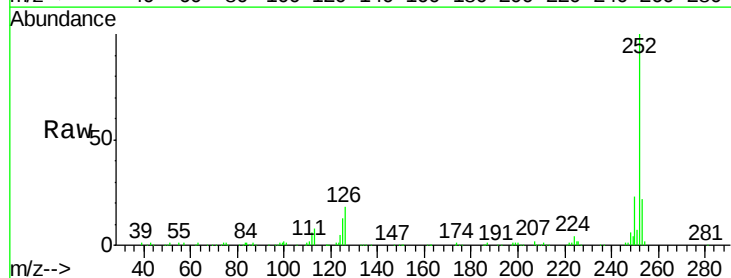
Instrument :
BNA_F
ClientSampleId :

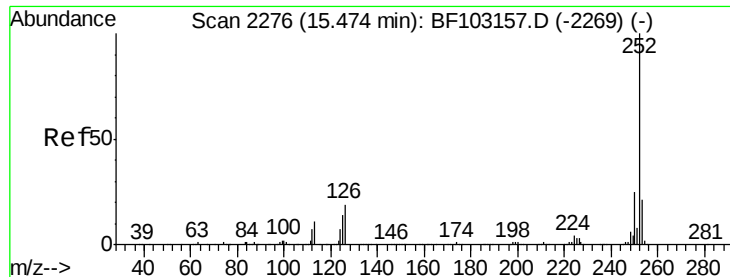
Tot Ion:252 Resp: 209628
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 7.909 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:252 Resp: 214616
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 7.637 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

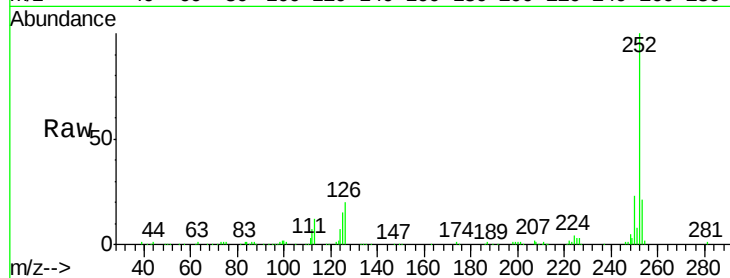
Tot Ion:252 Resp: 196535

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

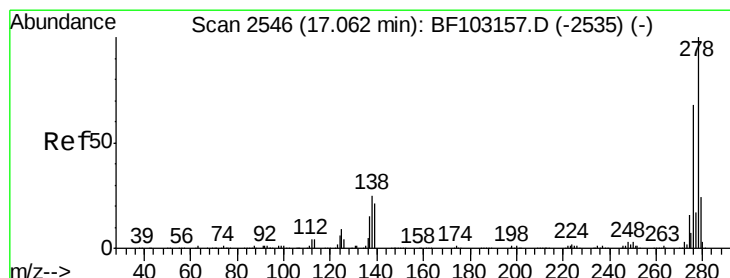
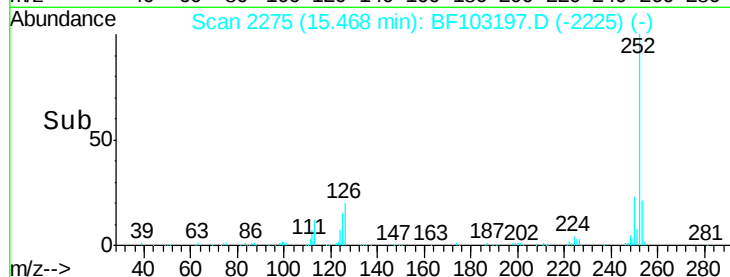
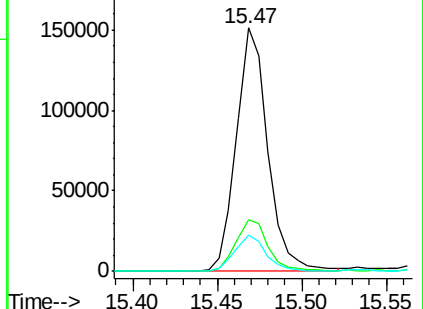
125 14.7 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 8.038 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

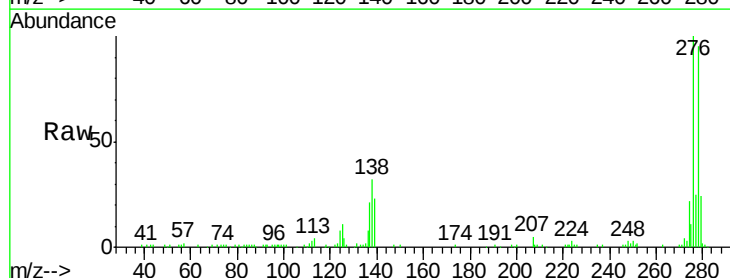
Tgt Ion:278 Resp: 159841

Ion Ratio Lower Upper

278 100

139 23.9 15.9 23.9#

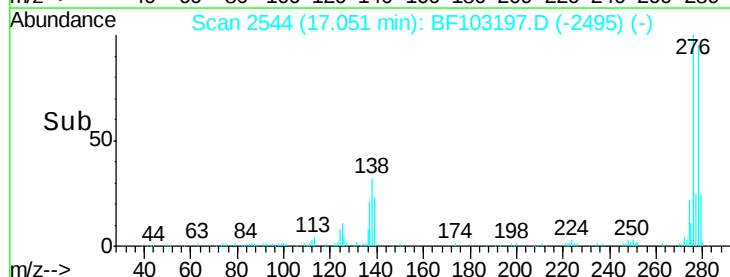
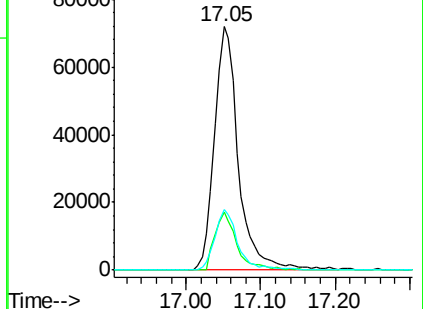
279 25.0 19.0 28.4

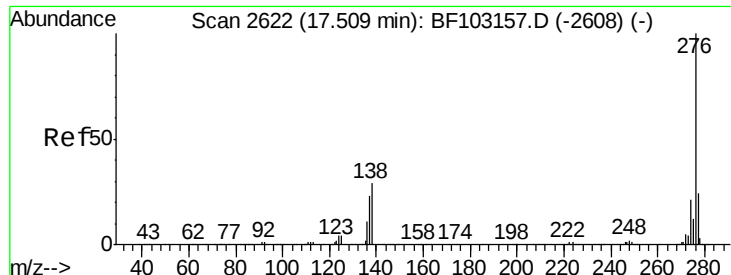


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 8.314 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

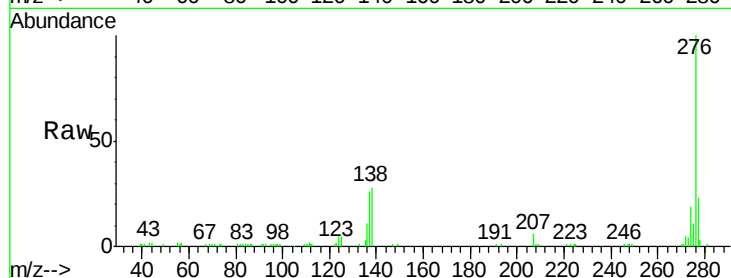
Tot Ion:276 Resp: 161570

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 28.3 21.8 32.8



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

