

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103202.D
 Acq On : 23 Feb 2018 16:24
 Operator : SJ/JU
 Sample : J1161-09
 Misc : MDL-S-8ppm
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 17:17:24 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	172820	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	767592	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	356958	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	606502	20.00	ng	0.00
75) Chrysene-d12	14.04	240	454201	20.00	ng	0.00
86) Perylene-d12	15.54	264	433316	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1280749	112.08	ng	0.00
7) Phenol-d6	6.50	99	1584640	113.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	1187678	88.36	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	342341	113.30	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1777611	86.02	ng	0.00
78) Terphenyl-d14	12.99	244	1436187	76.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	45752	7.581	ng	96
3) Pyridine	3.53	79	105614	6.555	ng	98
4) n-Nitrosodimethylamine	3.37	42	36598	5.632	ng	# 93
6) Aniline	6.53	93	167086	8.280	ng	94
8) 2-Chlorophenol	6.66	128	93917	7.912	ng	95
9) Benzaldehyde	6.43	77	57080	4.937	ng	99
10) Phenol	6.52	94	129797	7.996	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	103086	8.368	ng	94
12) 1,3-Dichlorobenzene	6.81	146	113636	8.377	ng	99
13) 1,4-Dichlorobenzene	6.89	146	112912	8.302	ng	99
14) 1,2-Dichlorobenzene	7.04	146	104764	8.354	ng	98
15) Benzyl Alcohol	7.01	79	98572	9.355	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	172509	8.154	ng	99
17) 2-Methylphenol	7.12	107	87441	8.106	ng	96
18) Hexachloroethane	7.38	117	42098	8.503	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	83534	9.599	ng	97
20) 3+4-Methylphenols	7.27	107	113761	8.651	ng	# 32
22) Acetophenone	7.27	105	159561	8.906	ng	# 89
24) Nitrobenzene	7.45	77	122212	8.258	ng	96
25) Isophorone	7.69	82	211925	8.006	ng	98
26) 2-Nitrophenol	7.77	139	51115	7.337	ng	94
27) 2,4-Dimethylphenol	7.80	122	75944	7.132	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	128156	8.234	ng	100
29) 2,4-Dichlorophenol	8.01	162	78464	7.696	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	86857	8.000	ng	97
31) Naphthalene	8.17	128	315721	8.401	ng	100
32) Benzoic acid	7.89	122	38272	11.060	ng	93
33) 4-Chloroaniline	8.22	127	126722	7.814	ng	95
34) Hexachlorobutadiene	8.29	225	45854	8.111	ng	96
35) Caprolactam	8.57	113	26716	7.456	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	90502	7.870	ng	99
37) 2-Methylnaphthalene	8.86	142	209062	8.608	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	81105	8.311	ng	99
40) Hexachlorocyclopentadiene	9.02	237	8305	11.028	ng	91

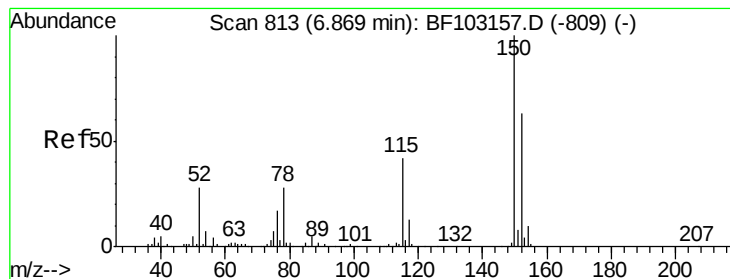
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	48767	7.427	nq	97
43) 2,4,5-Trichlorophenol	9.19	196	55145	7.302	nq	95
45) 1,1'-Biphenyl	9.33	154	260655	8.714	nq	98
46) 2-Chloronaphthalene	9.36	162	192597	8.139	nq	98
47) 2-Nitroaniline	9.45	65	68180	7.778	nq	88
48) Acenaphthylene	9.77	152	312302	8.578	nq	99
49) Dimethylphthalate	9.62	163	233176	8.143	nq	99
50) 2,6-Dinitrotoluene	9.69	165	47316	7.874	nq	# 82
51) Acenaphthene	9.94	154	183353	8.636	nq	98
52) 3-Nitroaniline	9.86	138	56314	7.386	nq	94
53) 2,4-Dinitrophenol	9.98	184	8872	13.217	nq	# 21
54) Dibenzofuran	10.11	168	262036	8.991	nq	96
55) 4-Nitrophenol	10.03	139	27770	5.877	nq	90
56) 2,4-Dinitrotoluene	10.10	165	61503	8.092	nq	97
57) Fluorene	10.46	166	211385	8.514	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	36550	7.204	nq	90
59) Diethylphthalate	10.32	149	226221	8.260	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	91440	8.685	nq	99
61) 4-Nitroaniline	10.47	138	55136	7.240	nq	93
62) Azobenzene	10.60	77	242066	8.683	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	21352	10.135	nq	92
65) n-Nitrosodiphenylamine	10.56	169	181093	8.575	nq	97
66) 4-Bromophenyl-phenylether	10.94	248	51302	8.120	nq	93
67) Hexachlorobenzene	11.00	284	55560	8.102	nq	96
68) Atrazine	11.09	200	48625	7.661	nq	97
69) Pentachlorophenol	11.20	266	20445	6.166	nq	95
70) Phenanthrene	11.42	178	289244	8.666	nq	99
71) Anthracene	11.47	178	292743	8.553	nq	99
72) Carbazole	11.63	167	282619	8.292	nq	100
73) Di-n-butylphthalate	11.95	149	364711	8.551	nq	98
74) Fluoranthene	12.61	202	281275	8.386	nq	98
76) Benzidine	12.73	184	72233	4.254	nq	# 94
77) Pyrene	12.84	202	289217	8.167	nq	99
79) Butylbenzylphthalate	13.45	149	144853	7.742	nq	97
80) Benzo(a)anthracene	14.03	228	226138	7.673	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	77343	7.354	nq	99
82) Chrysene	14.07	228	227903	7.965	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	204245	8.090	nq	# 99
84) Di-n-octyl phthalate	14.63	149	311677	7.640	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	188905	8.339	nq	97
87) Benzo(b)fluoranthene	15.10	252	209370	7.349	nq	99
88) Benzo(k)fluoranthene	15.13	252	216393	8.066	nq	99
89) Benzo(a)pyrene	15.47	252	192592	7.570	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	154472	7.858	nq	96
91) Benzo(g,h,i)perylene	17.50	276	153689	7.999	nq	96

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

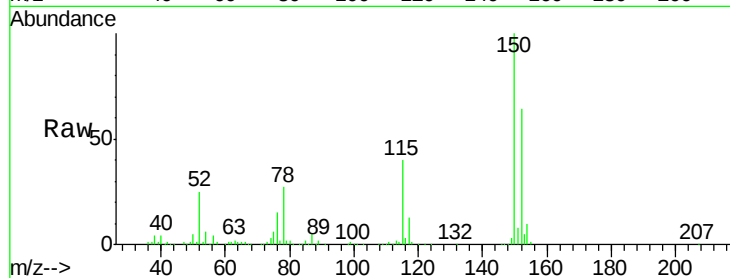


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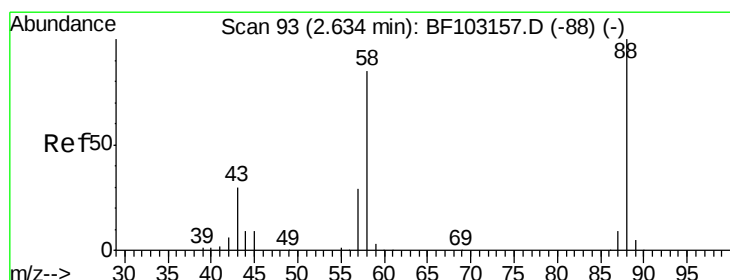
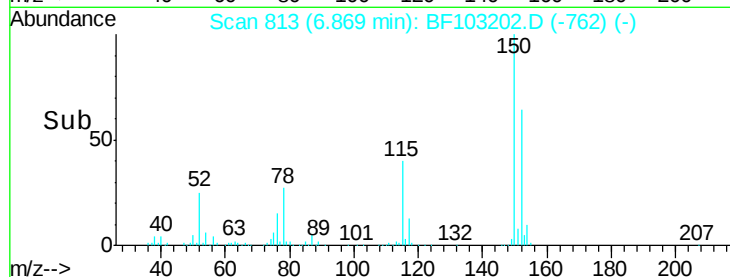
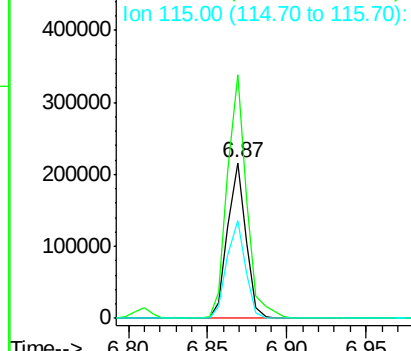
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172820
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.9 50.1 75.1



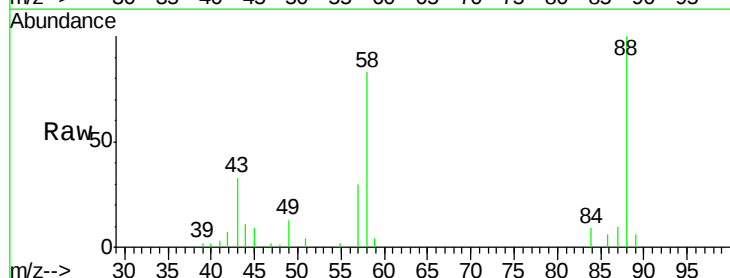
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



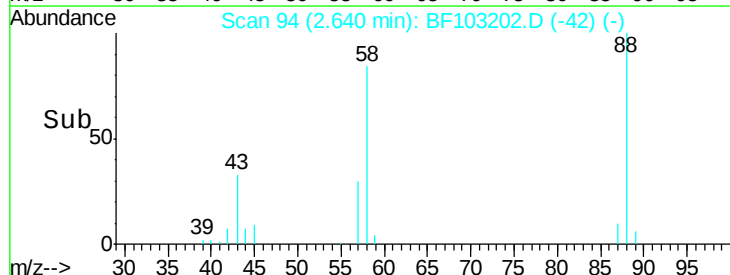
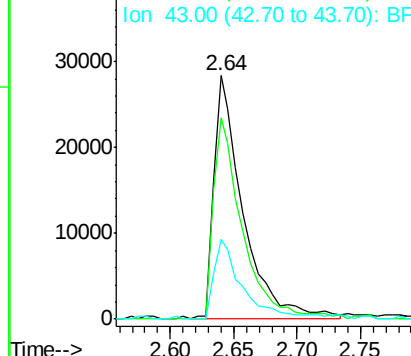
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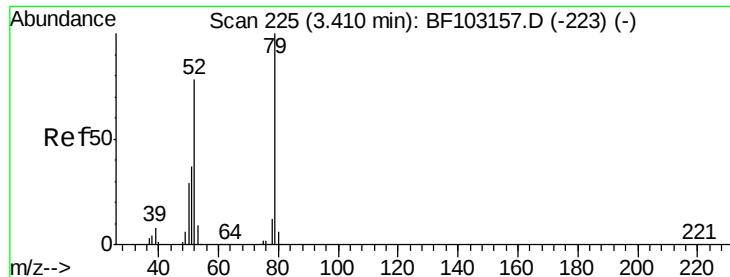
1,4-Dioxane
Concen: 7.581 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion: 88 Resp: 45752
Ion Ratio Lower Upper
88 100
58 81.6 62.6 93.8
43 32.3 24.6 37.0



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



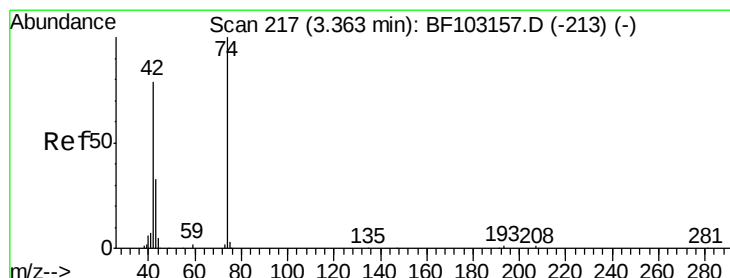
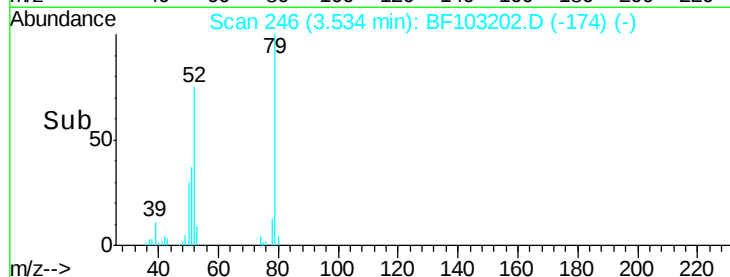
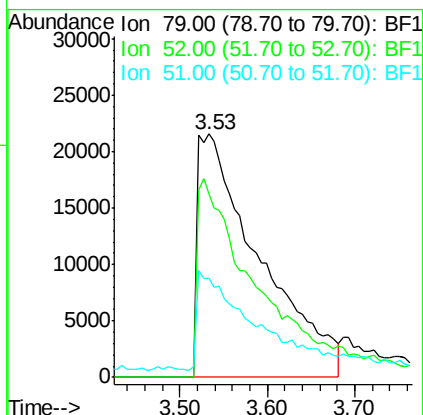
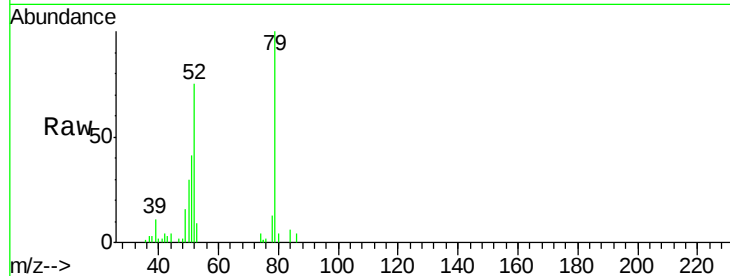


#3
Pvridine
Concen: 6.555 ng
RT: 3.53 min Scan# 246
Delta R.T. 0.12 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 79 Resp: 105614

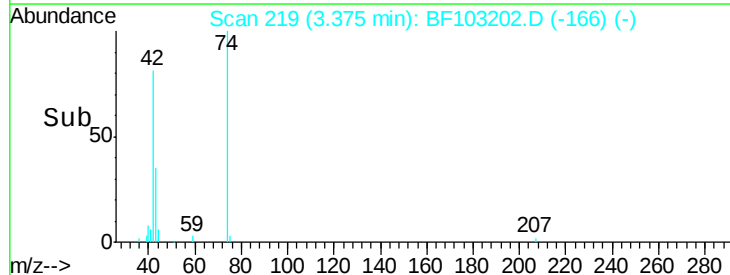
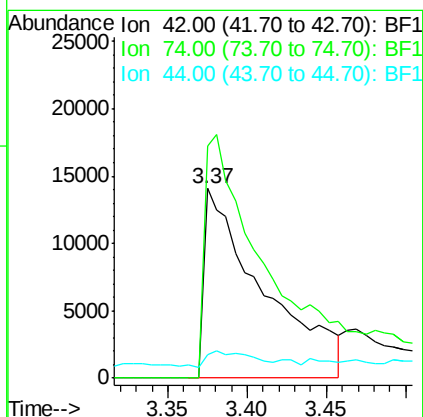
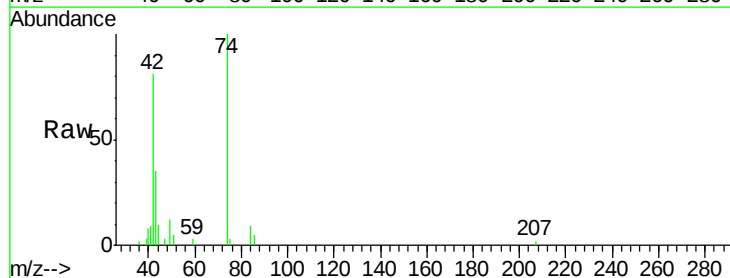
Ion	Ratio	Lower	Upper
79	100		
52	75.4	59.8	89.6
51	40.6	29.8	44.8

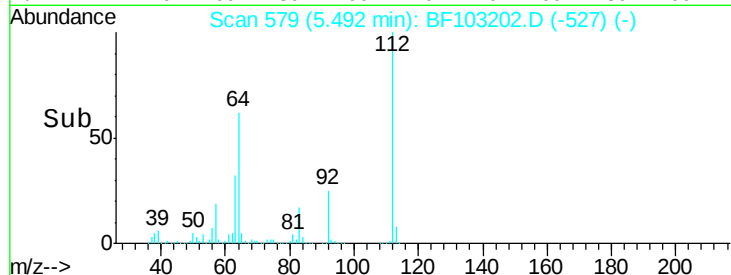
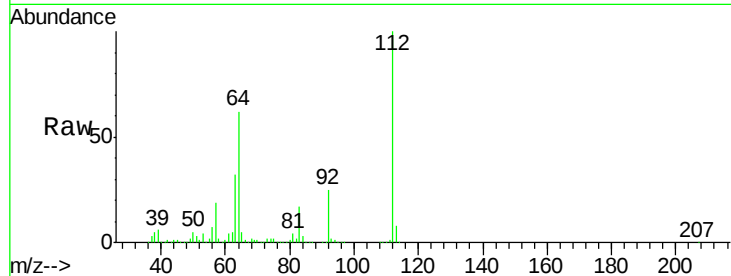
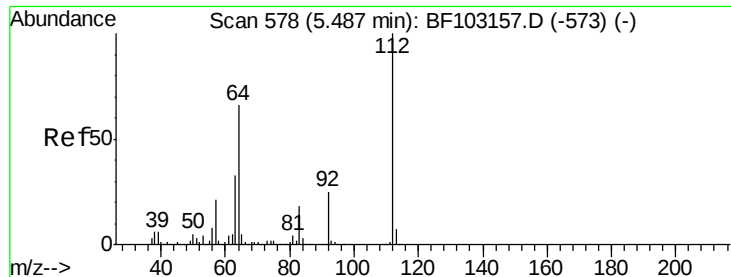


#4
n-Nitrosodimethylamine
Concen: 5.632 ng
RT: 3.37 min Scan# 219
Delta R.T. 0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion: 42 Resp: 36598

Ion	Ratio	Lower	Upper
42	100		
74	122.8	104.9	157.3
44	12.6	6.9	10.3





#5

2-Fluorophenol

Concen: 112.084 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampled :

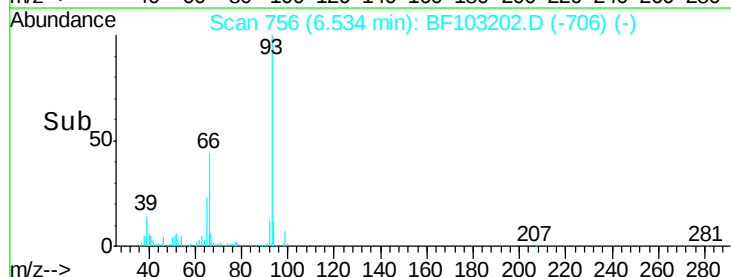
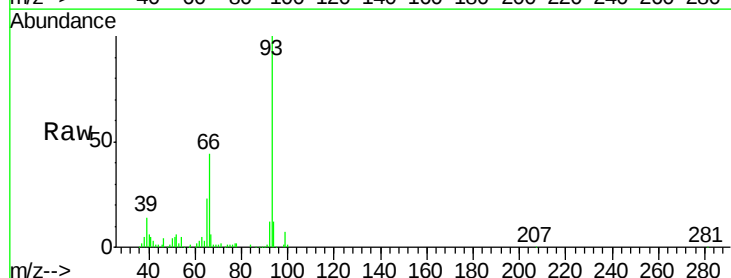
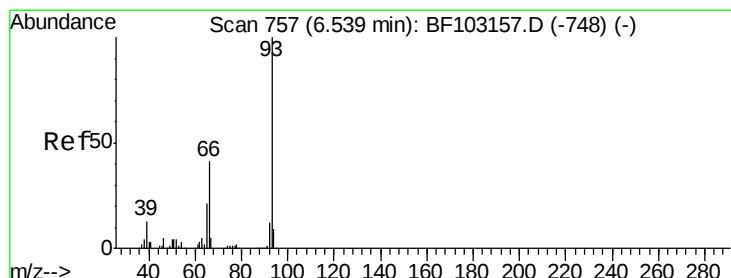
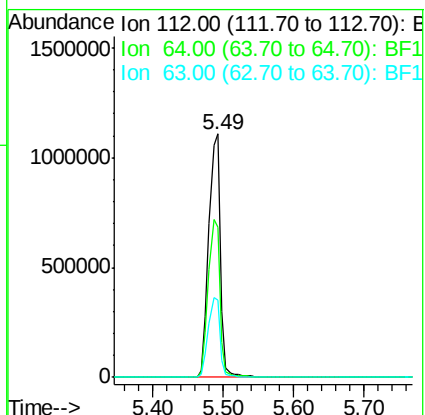
Tot Ion:112 Resp: 1280749

Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

63 31.7 23.7 35.5



#6

Aniline

Concen: 8.280 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

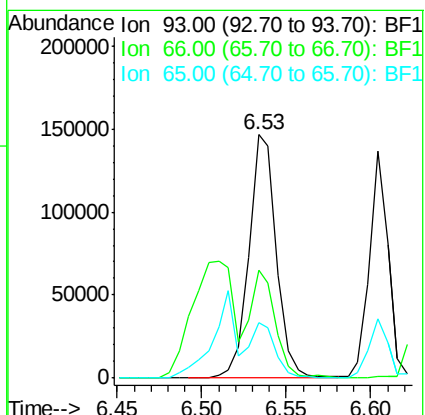
Tgt Ion: 93 Resp: 167086

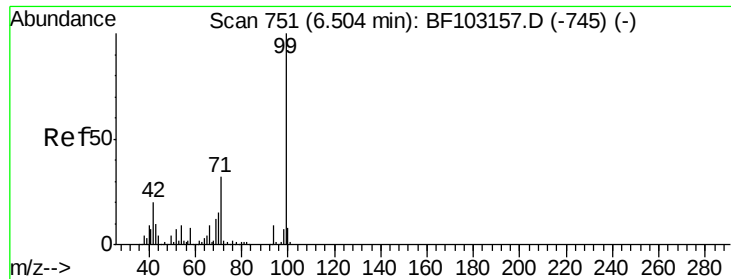
Ion Ratio Lower Upper

93 100

66 44.4 32.2 48.2

65 22.6 16.4 24.6





#7

Phenol-d6

Concen: 113.332 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

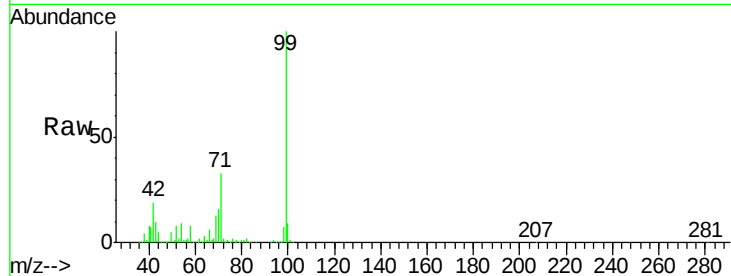
Tot Ion: 99 Resp: 1584640

Ion Ratio Lower Upper

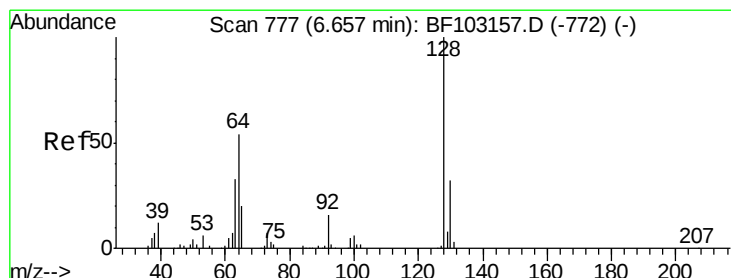
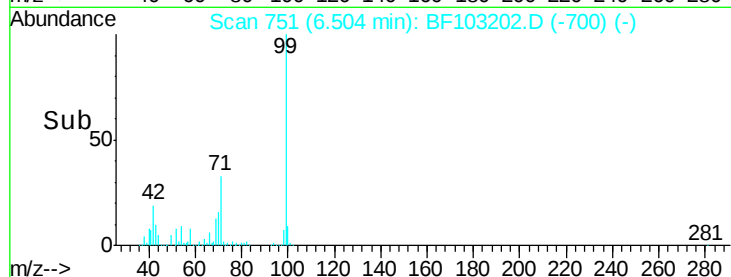
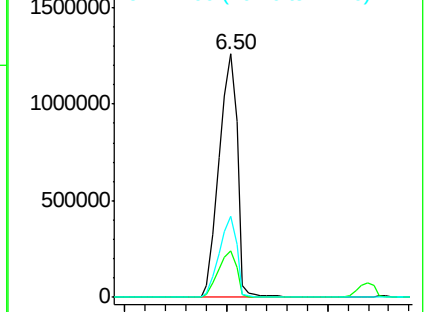
99 100

42 19.4 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: 7.912 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

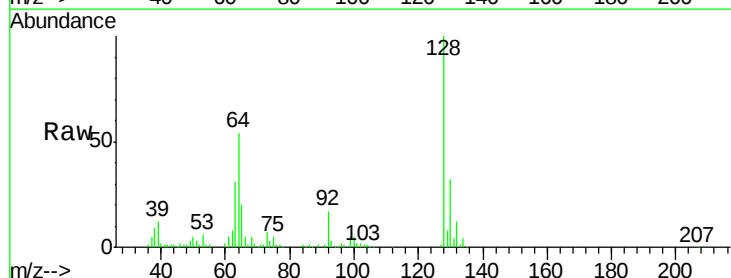
Tgt Ion:128 Resp: 93917

Ion Ratio Lower Upper

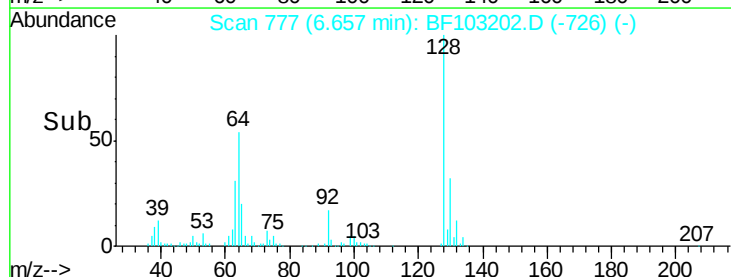
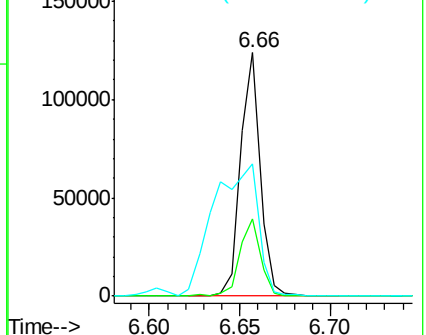
128 100

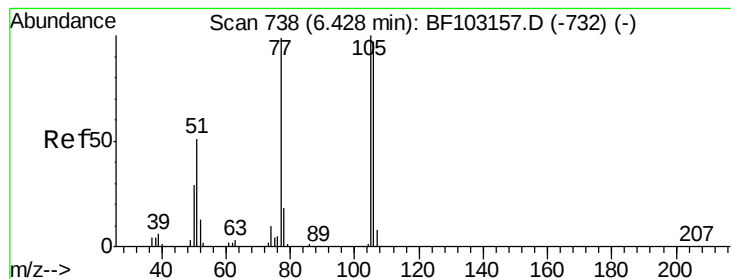
130 32.0 13.0 53.0

64 54.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.937 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

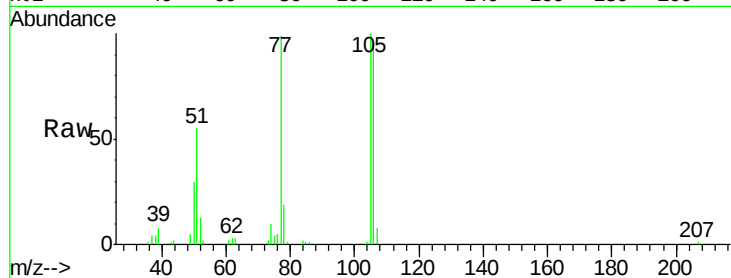
Tot Ion: 77 Resp: 57080

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

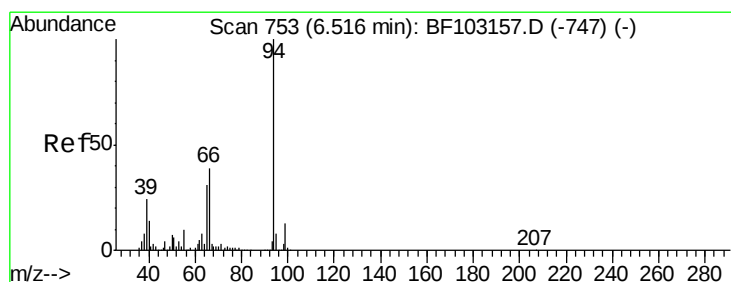
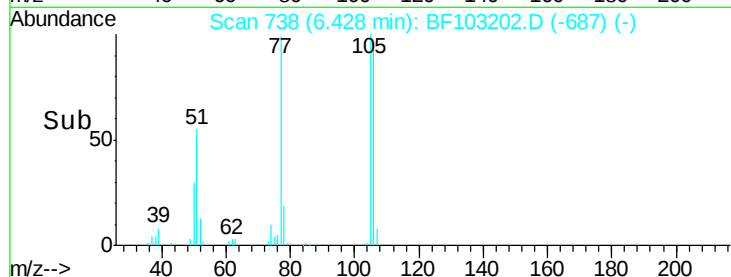
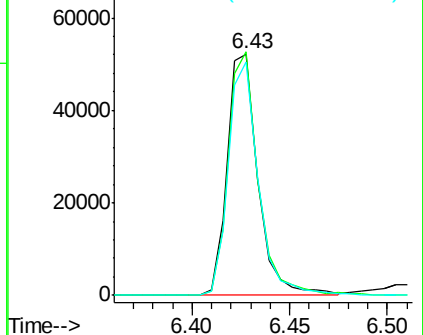
106 96.8 74.5 114.5



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: 7.996 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

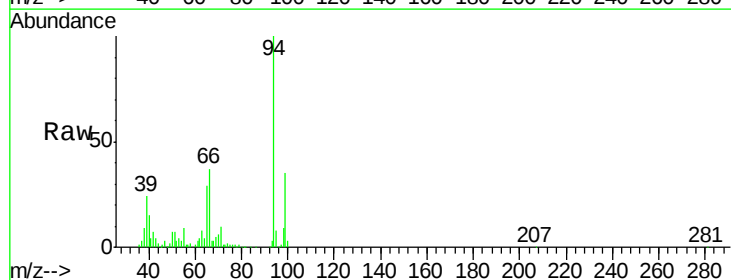
Tgt Ion: 94 Resp: 129797

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

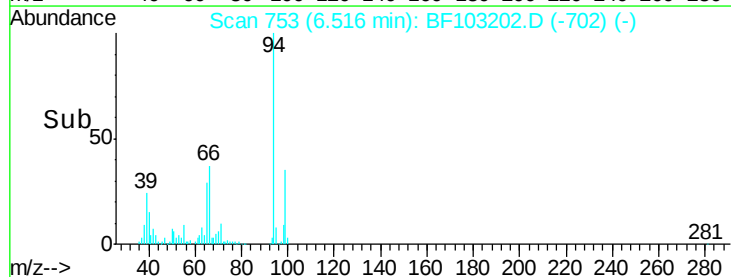
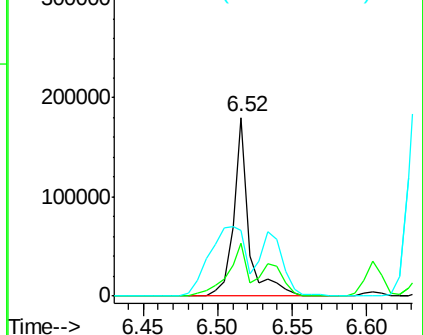
66 37.0 16.2 56.2

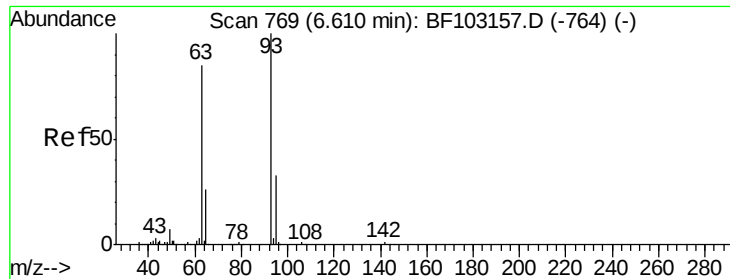


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 8.368 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

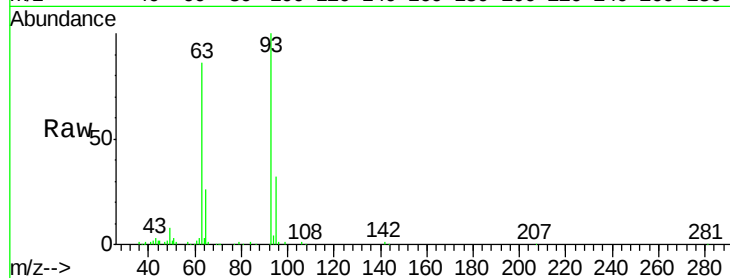
Tot Ion: 93 Resp: 103086

Ion Ratio Lower Upper

93 100

63 86.0 58.6 98.6

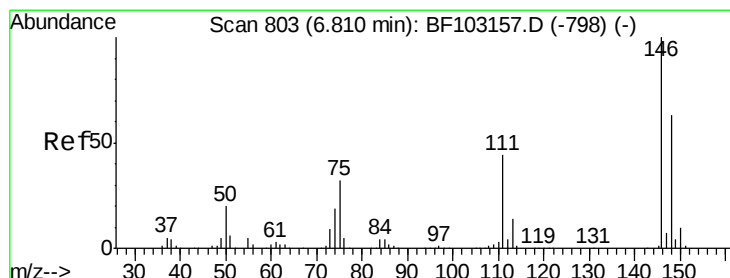
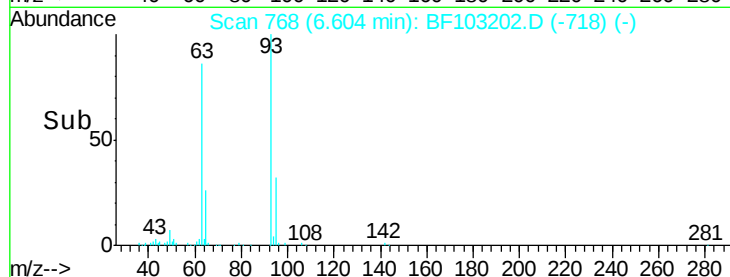
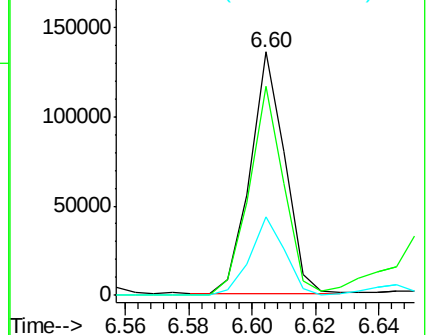
95 32.3 11.8 51.8



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: 8.377 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

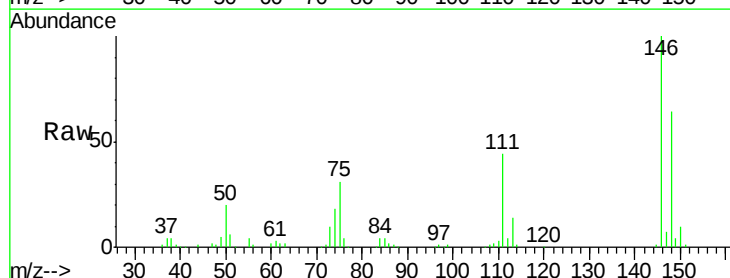
Tgt Ion: 146 Resp: 113636

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

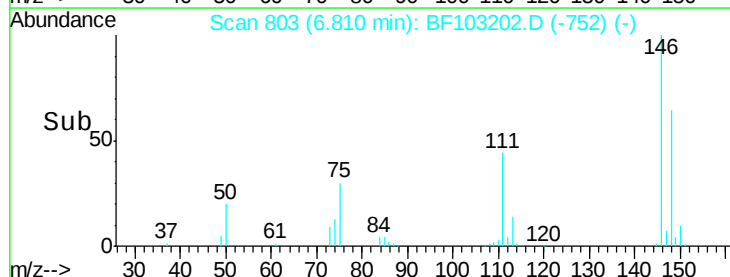
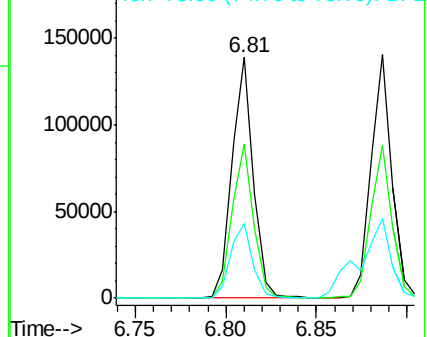
75 31.1 24.2 36.4

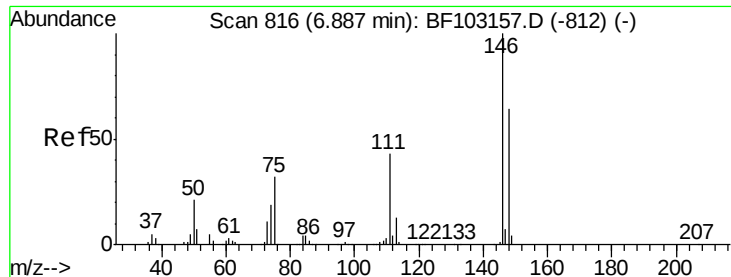


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 8.302 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

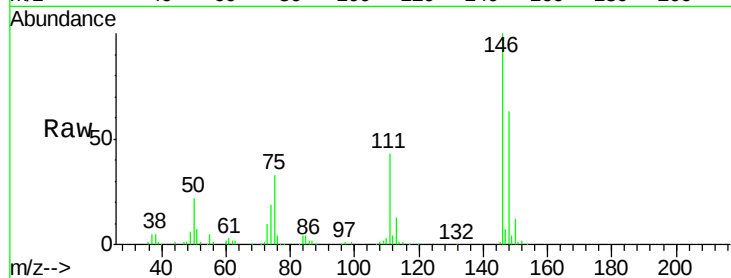
Tot Ion:146 Resp: 112912

Ion Ratio Lower Upper

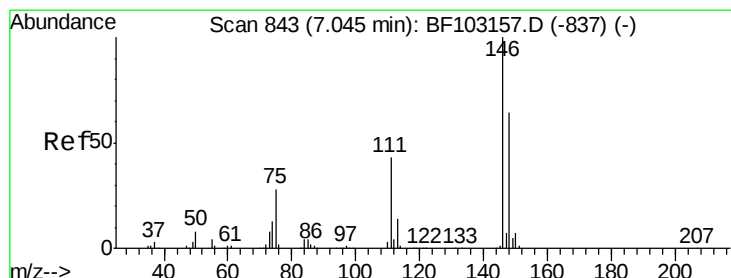
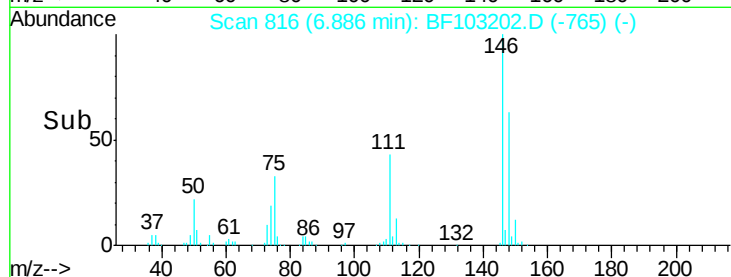
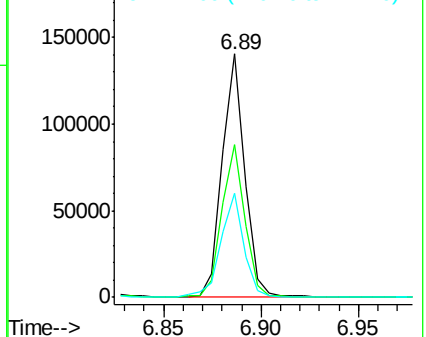
146 100

148 62.6 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: 8.354 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

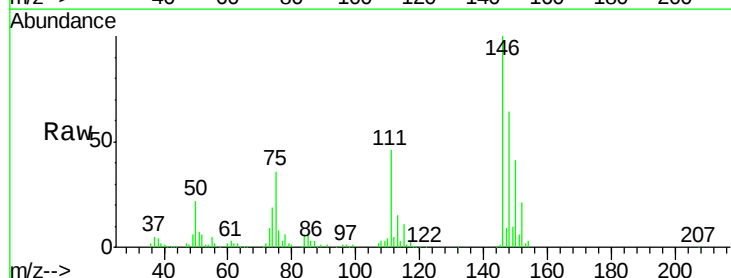
Tgt Ion:146 Resp: 104764

Ion Ratio Lower Upper

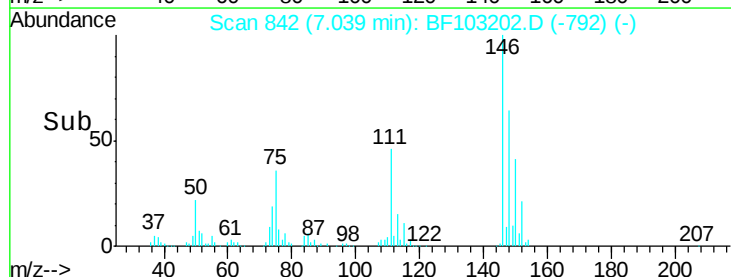
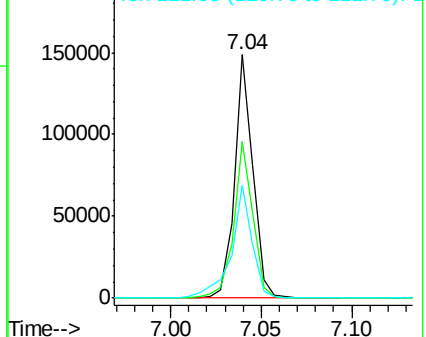
146 100

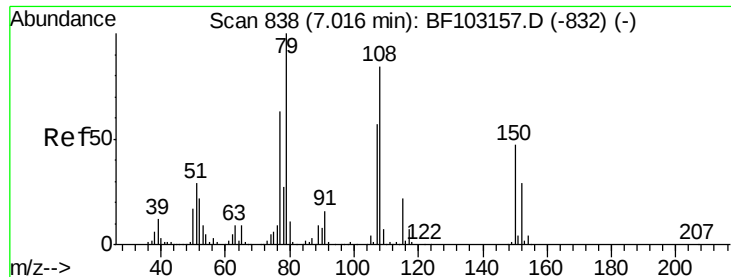
148 64.2 50.6 75.8

111 46.3 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: 9.355 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampled :

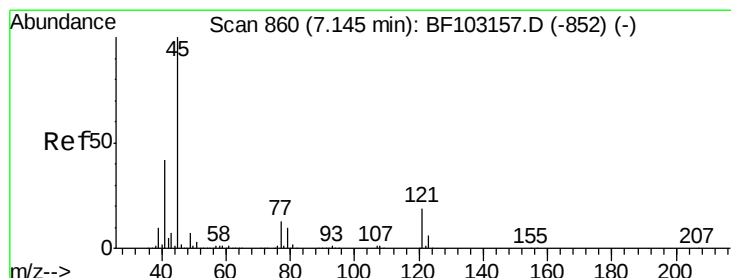
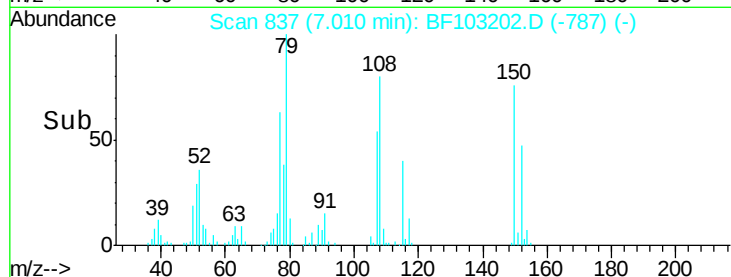
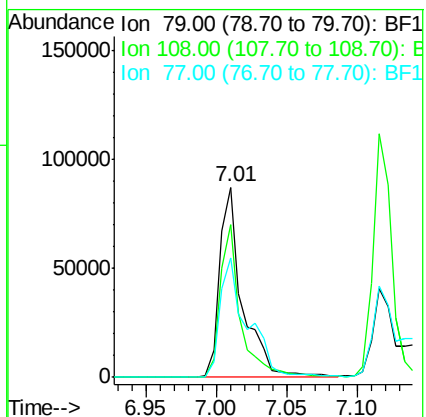
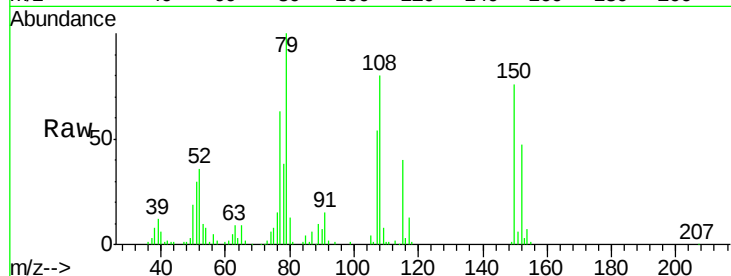
Tot Ion: 79 Resp: 98572

Ion Ratio Lower Upper

79 100

108 80.1 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.154 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

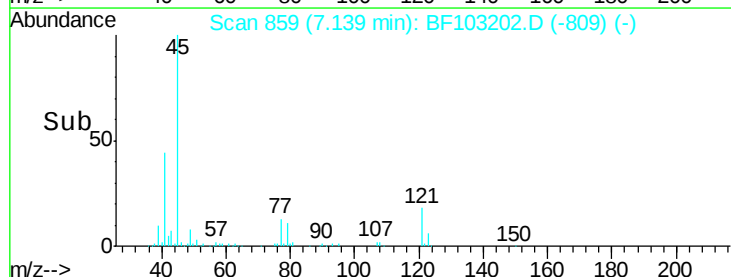
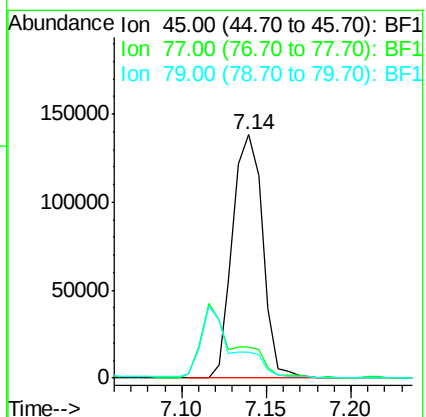
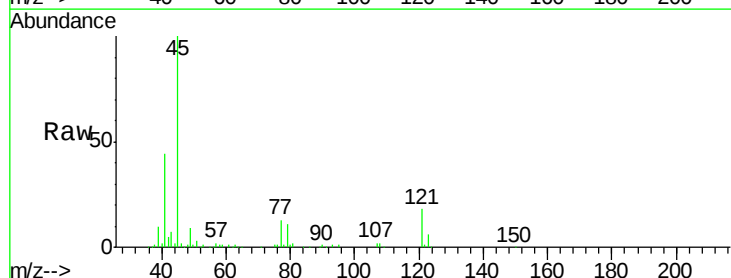
Tgt Ion: 45 Resp: 172509

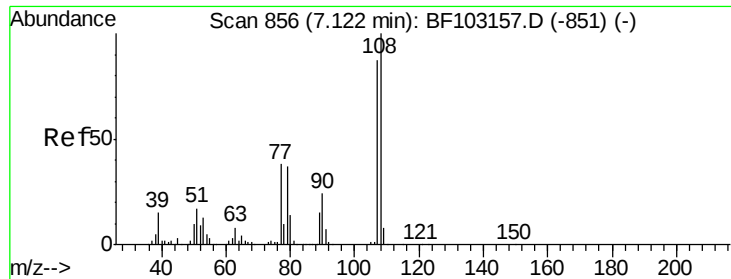
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 10.9 0.0 29.6





#17

2-Methylphenol

Concen: 8.106 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 87441

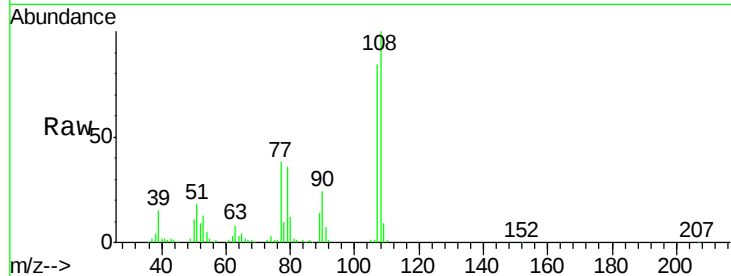
Ion Ratio Lower Upper

107 100

108 119.7 91.7 137.5

77 45.1 33.8 50.8

79 43.6 33.8 50.8

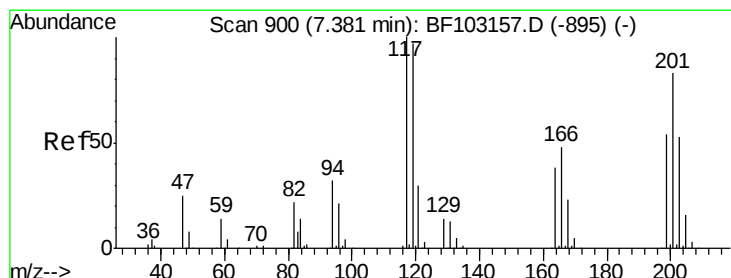
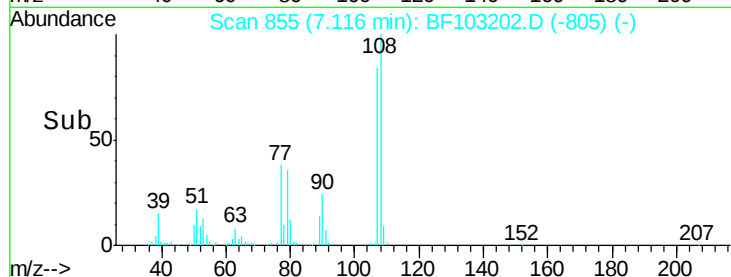
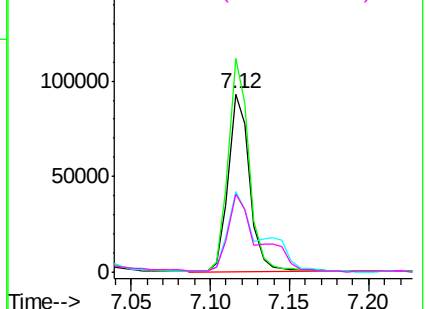


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.503 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

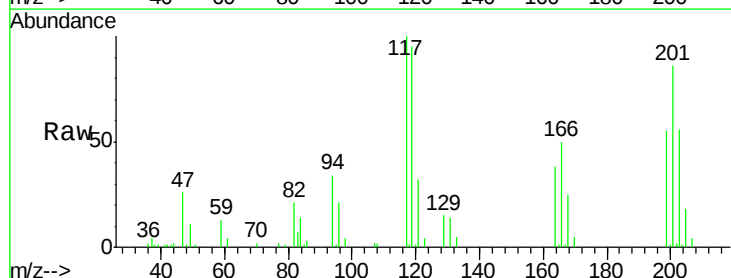
Tgt Ion:117 Resp: 42098

Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

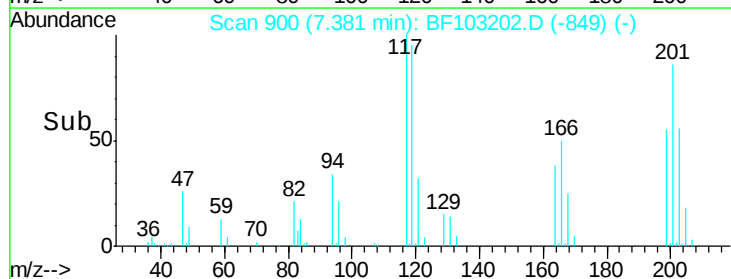
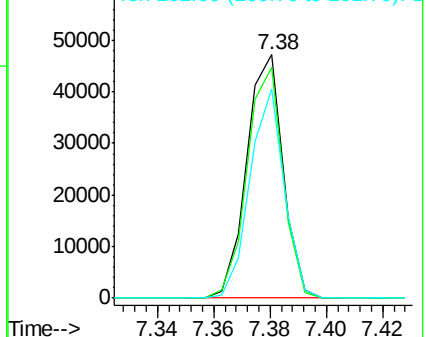
201 86.0 75.7 113.5



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

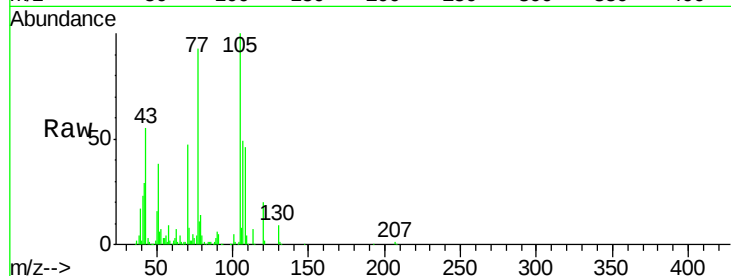




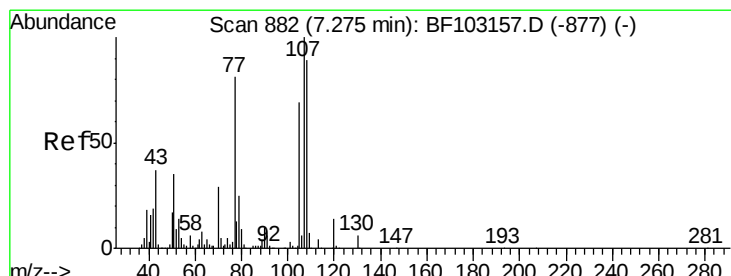
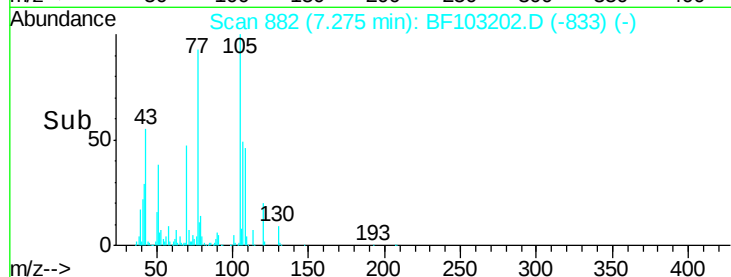
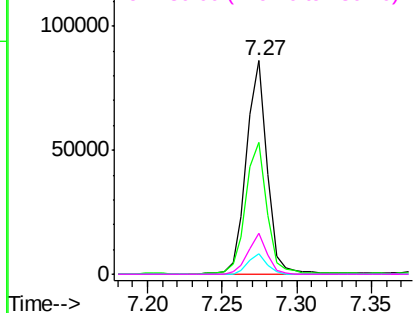
#19
n-Nitroso-di-n-propylamine
Concen: 9.599 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 83534
Ion Ratio Lower Upper
70 100
42 62.0 47.5 71.3
101 9.8 7.4 11.2
130 19.4 16.6 25.0



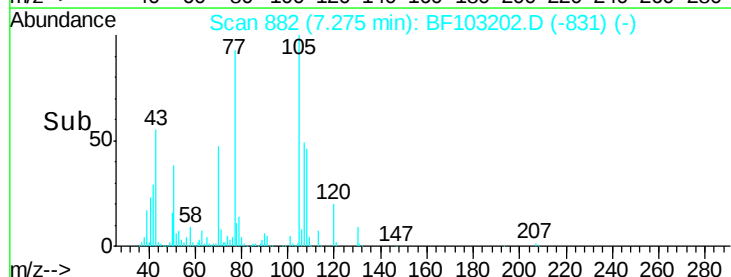
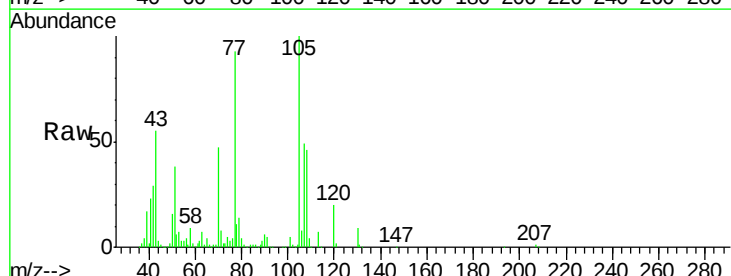
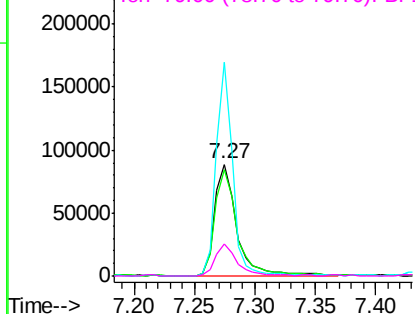
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

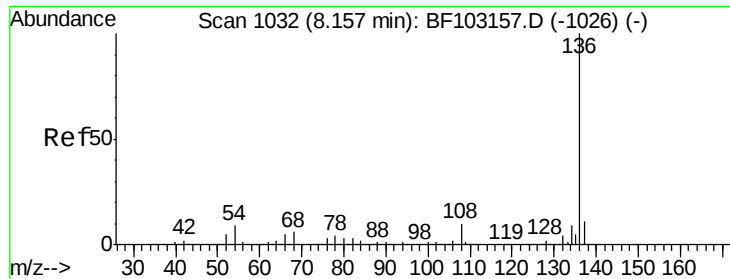


#20
3+4-Methylphenols
Concen: 8.651 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:107 Resp: 113761
Ion Ratio Lower Upper
107 100
108 95.5 68.2 108.2
77 190.8 26.7 66.7#
79 28.2 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

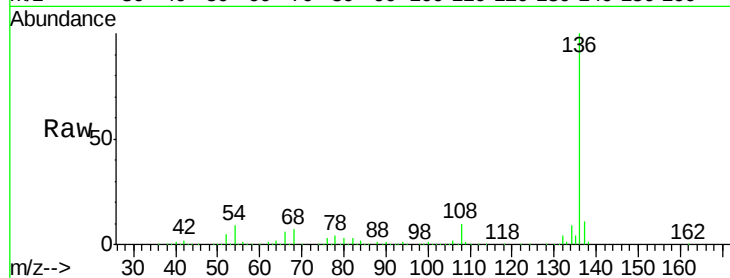




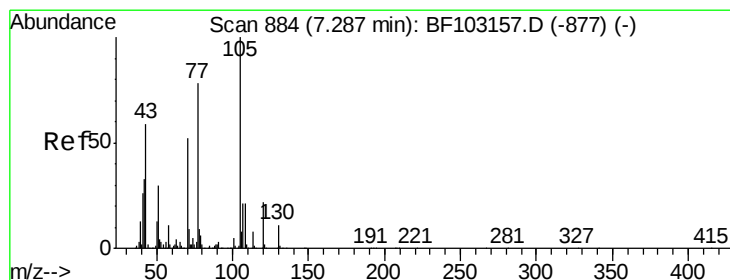
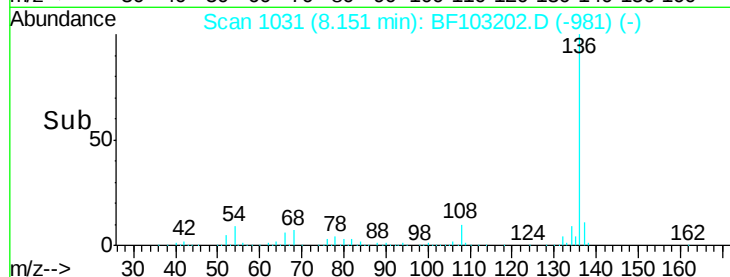
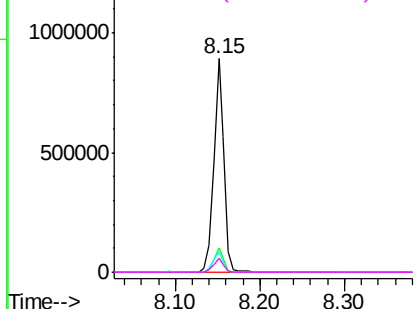
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	767592
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.5	6.6 9.8
68	6.9	5.0 7.4

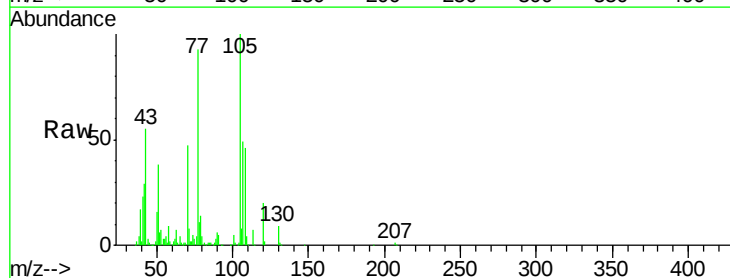


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

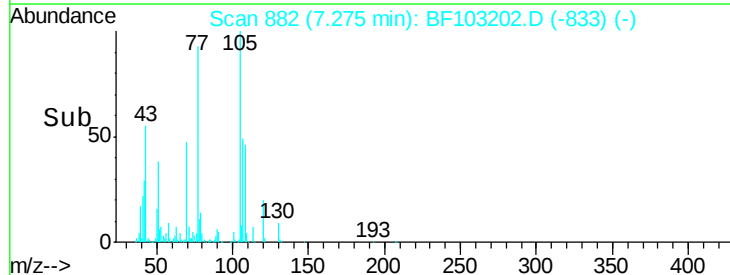
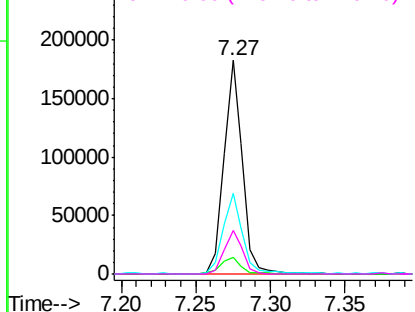


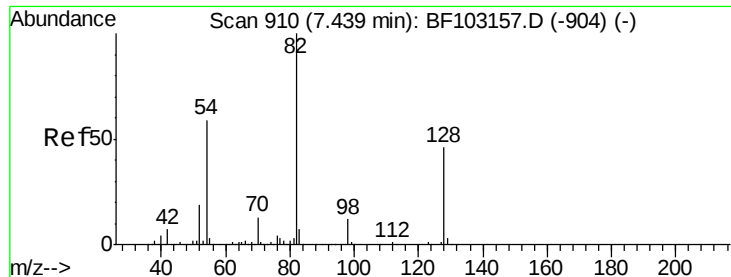
#22
Acetophenone
Concen: 8.906 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:105	Resp:	159561
Ion Ratio	Lower	Upper
105	100	
71	7.5	4.4 6.6#
51	37.9	22.3 33.5#
120	20.5	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

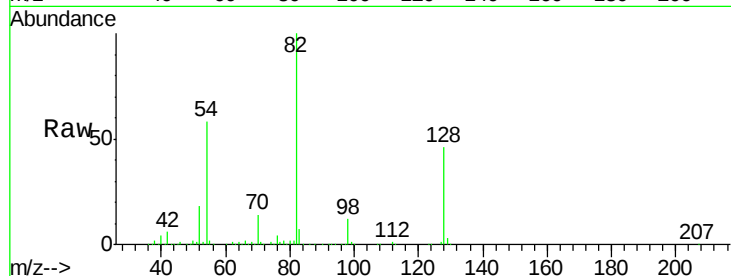




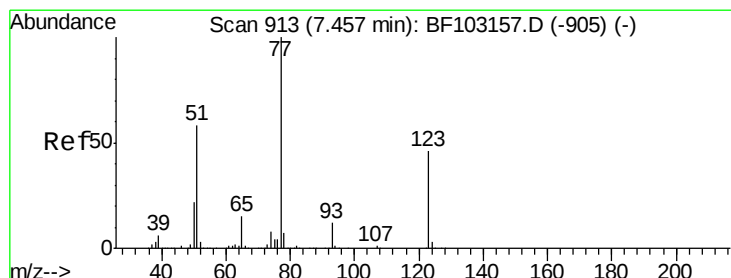
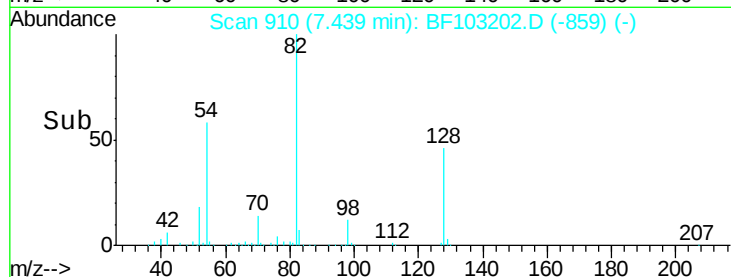
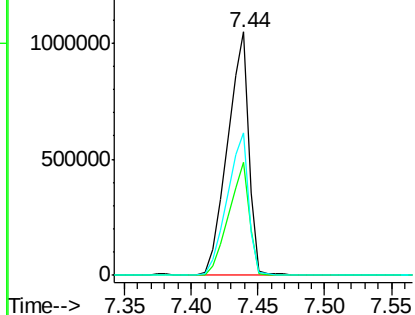
#23
Nitrobenzene-d5
Concen: 88.363 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1187678
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 58.3 41.4 62.2

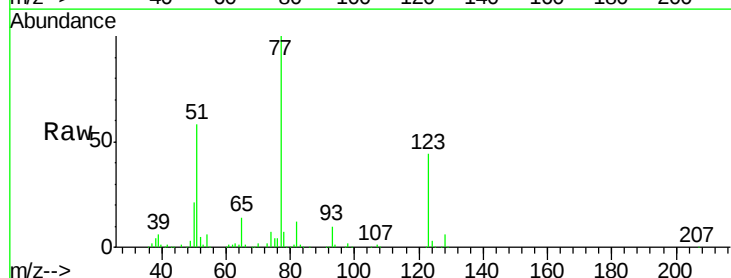


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

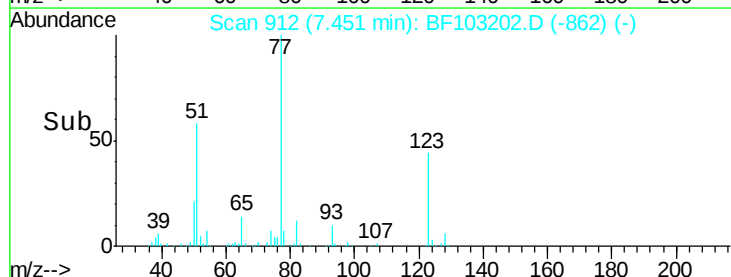
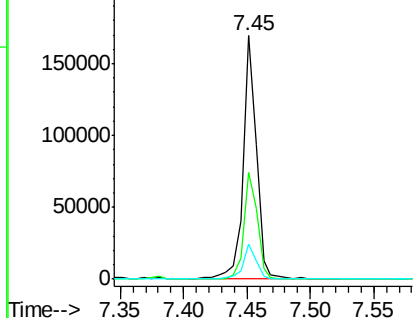


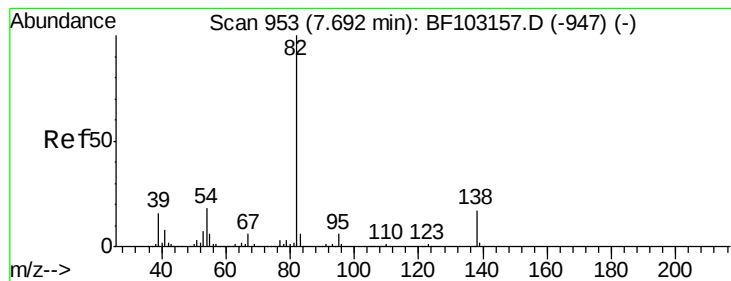
#24
Nitrobenzene
Concen: 8.258 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion: 77 Resp: 122212
Ion Ratio Lower Upper
77 100
123 43.9 37.9 56.9
65 14.2 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: 8.006 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

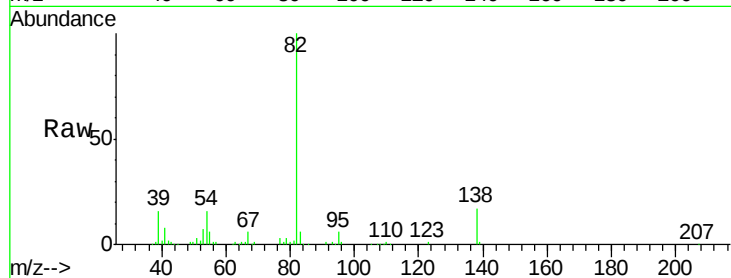
Tot Ion: 82 Resp: 211925

Ion Ratio Lower Upper

82 100

95 6.0 5.2 7.8

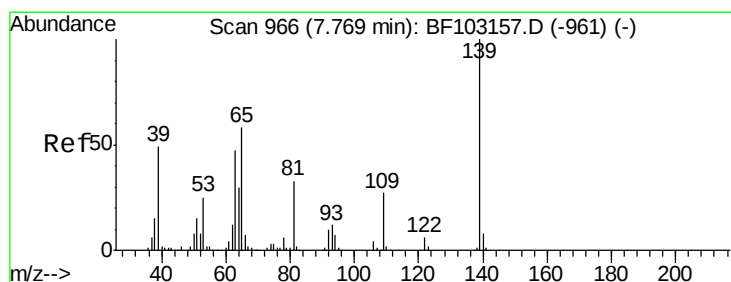
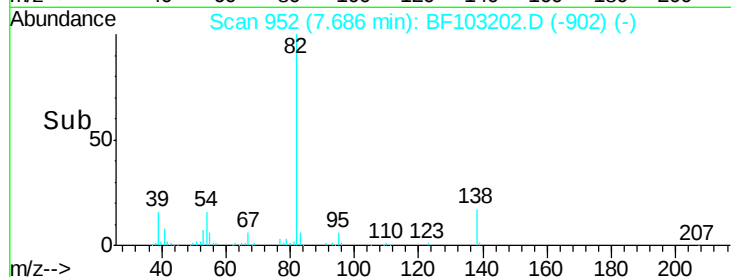
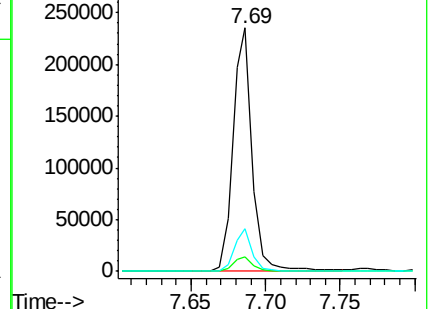
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 7.337 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

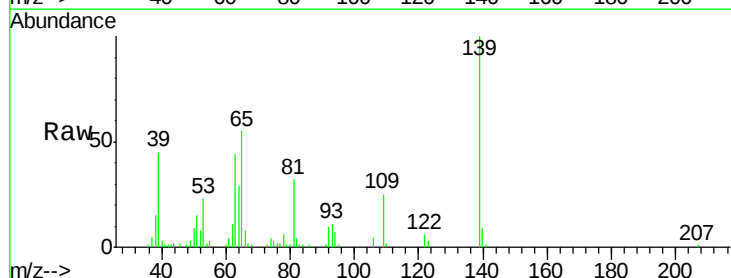
Tgt Ion: 139 Resp: 51115

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

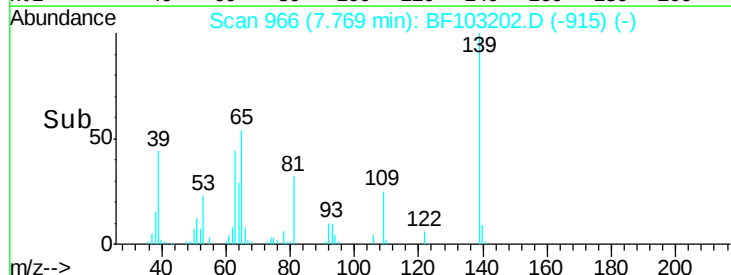
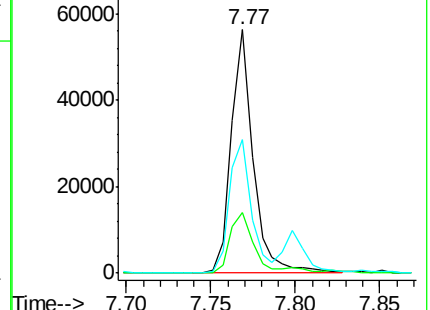
65 54.6 40.5 60.7

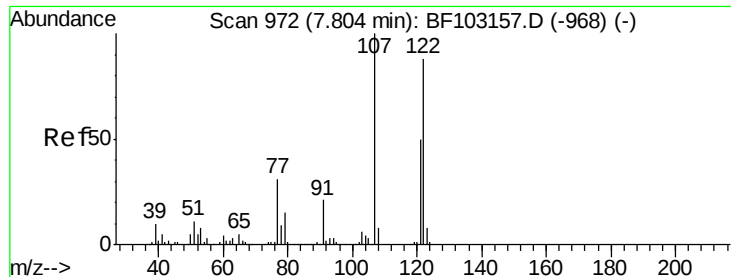


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 7.132 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

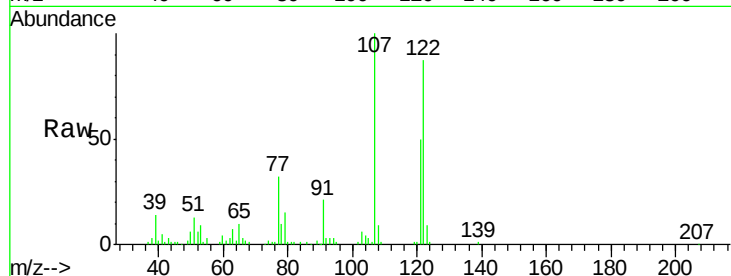
Tot Ion:122 Resp: 75944

Ion Ratio Lower Upper

122 100

107 115.4 91.2 136.8

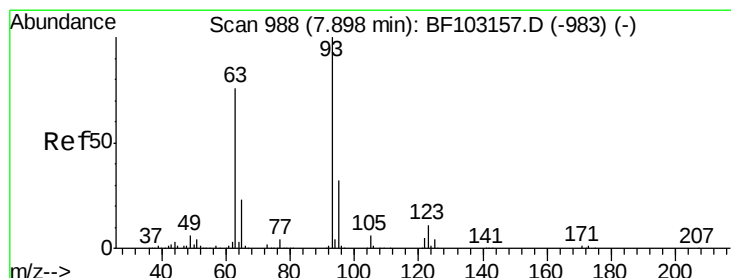
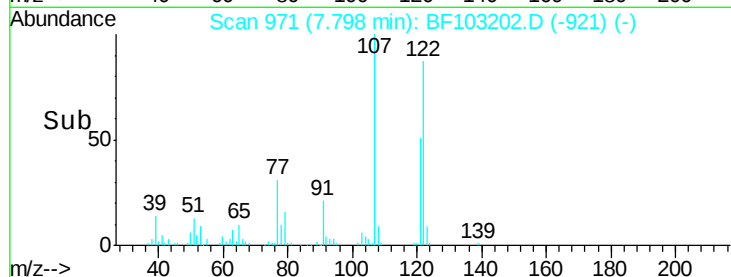
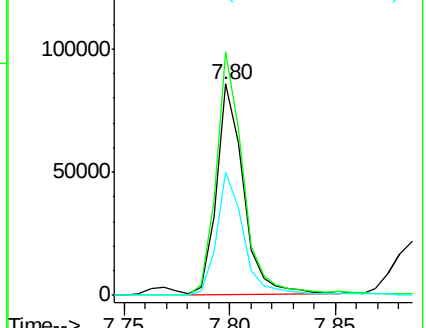
121 58.3 47.2 70.8



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: 8.234 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

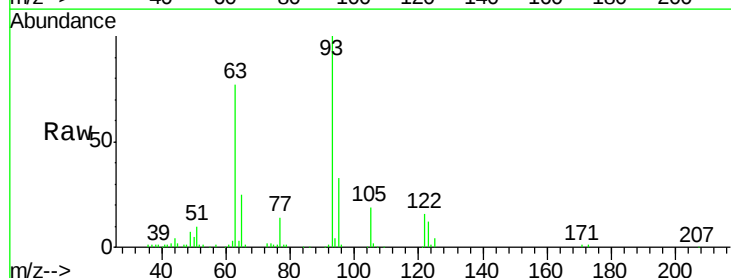
Tgt Ion: 93 Resp: 128156

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

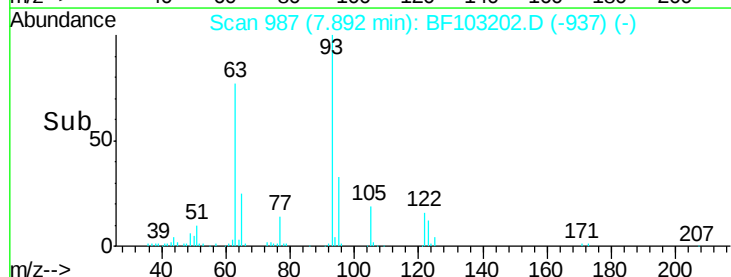
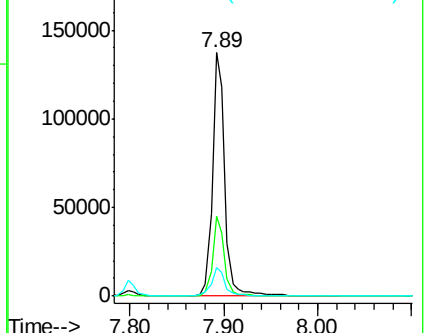
123 11.6 9.8 14.6

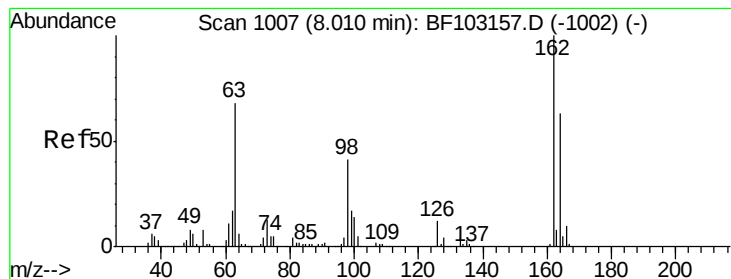


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 7.696 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

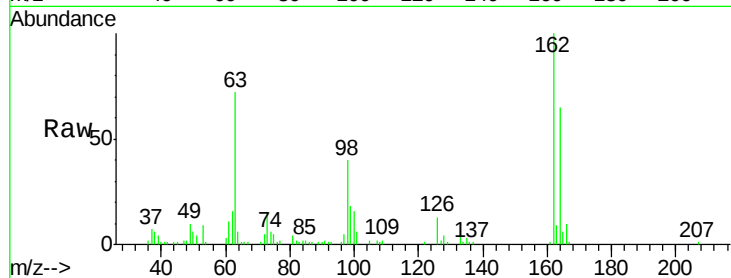
Tot Ion:162 Resp: 78464

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

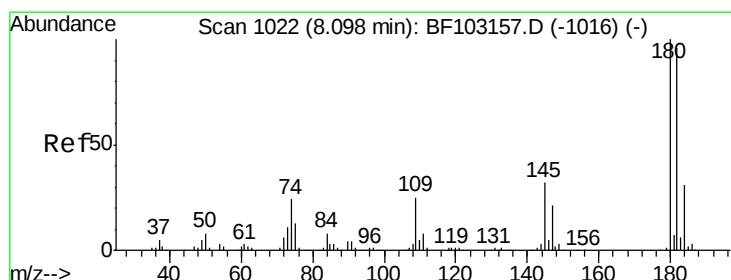
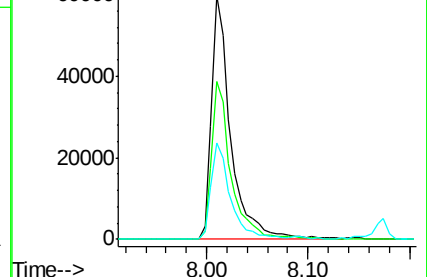
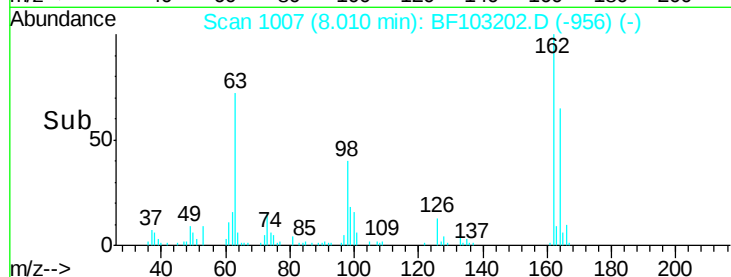
98 39.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 8.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

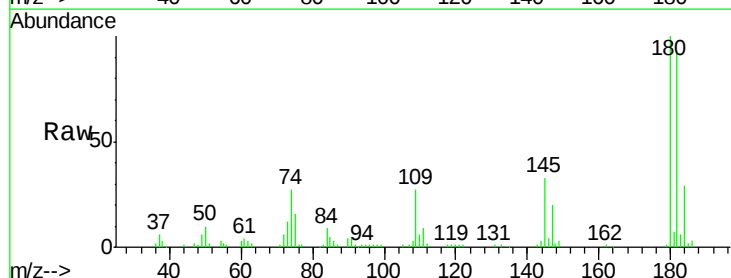
Tgt Ion:180 Resp: 86857

Ion Ratio Lower Upper

180 100

182 92.2 76.8 115.2

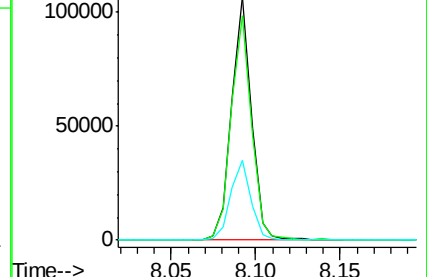
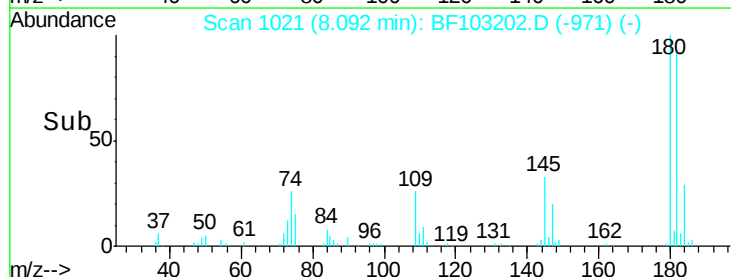
145 32.6 26.5 39.7

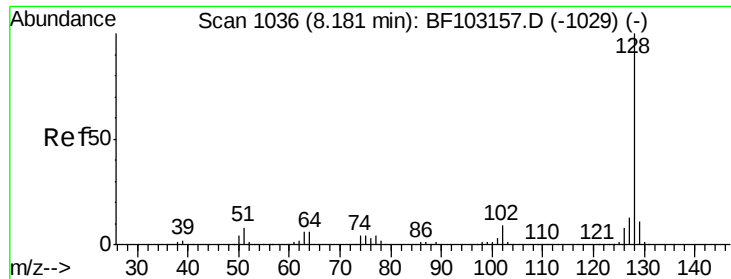


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

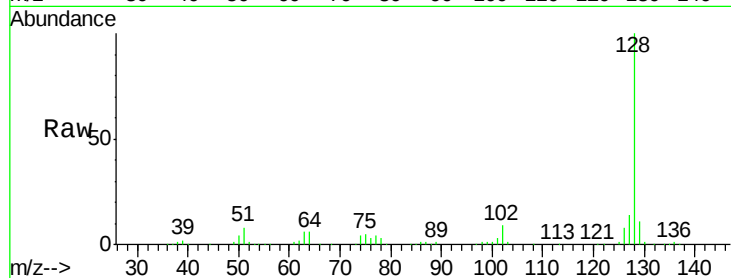




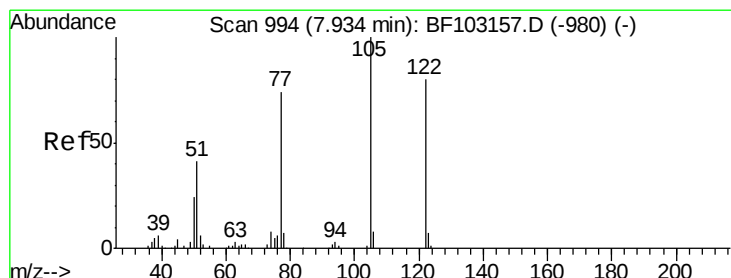
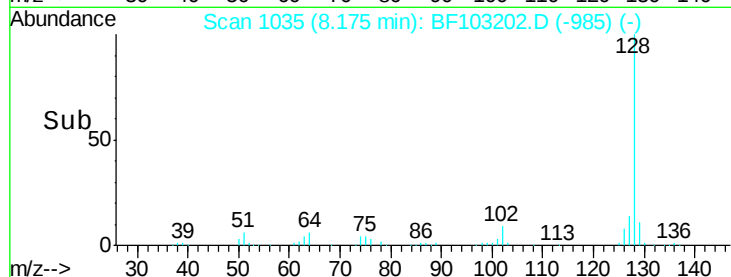
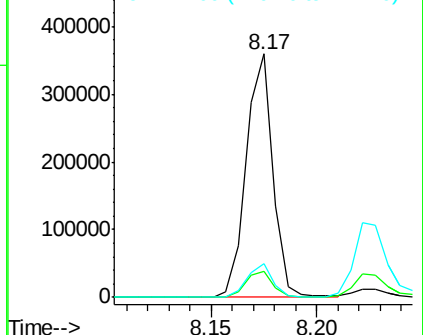
#31
Naphthalene
Concen: 8.401 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 315721
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.7 10.9 16.3

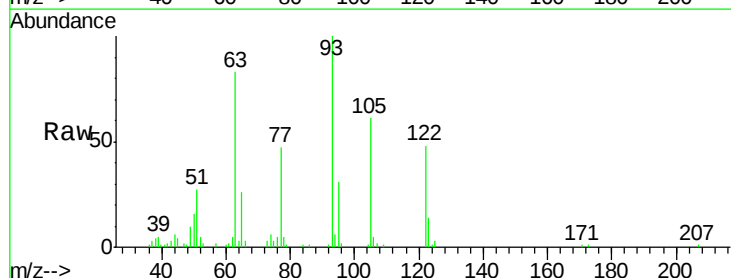


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

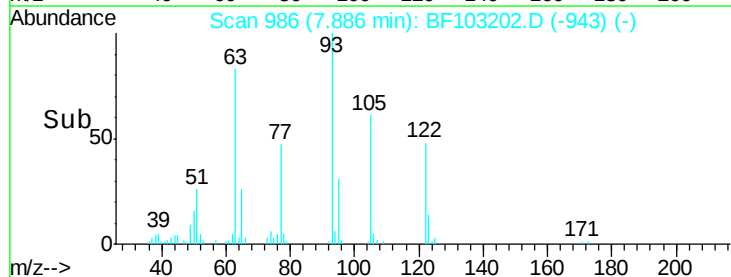
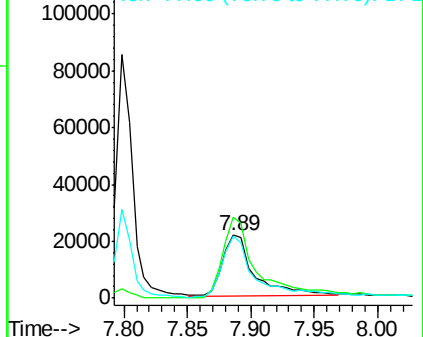


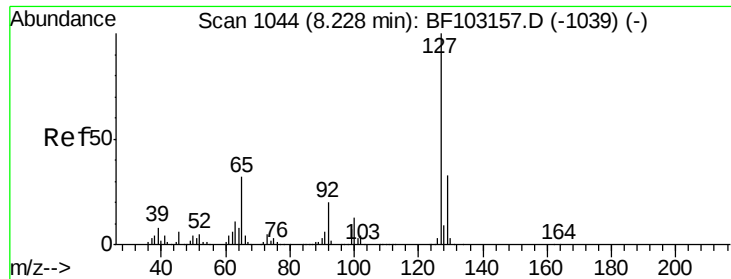
#32
Benzoic acid
Concen: 11.060 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.05 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:122 Resp: 38272
Ion Ratio Lower Upper
122 100
105 128.3 101.1 141.1
77 97.9 70.7 110.7



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

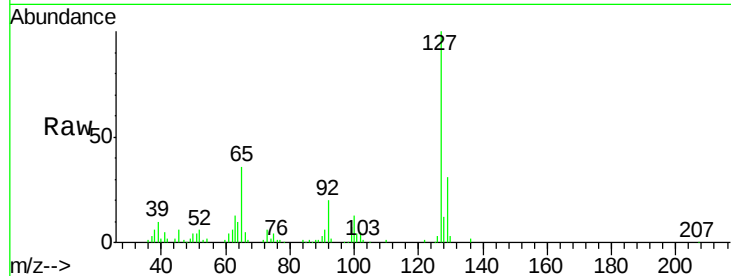




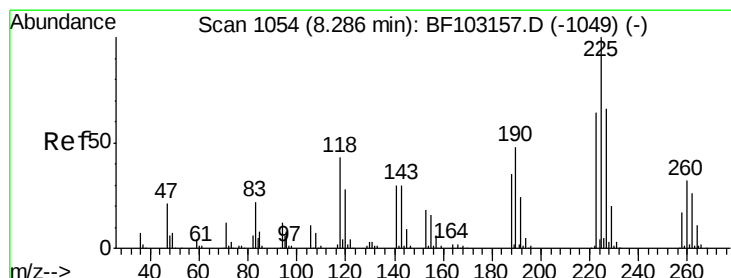
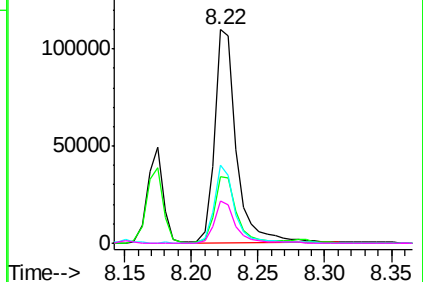
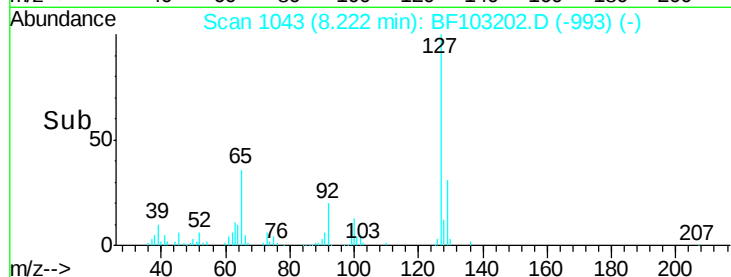
#33
4-Chloroaniline
Concen: 7.814 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	126722
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	36.3	25.0	37.4
92	20.1	15.2	22.8

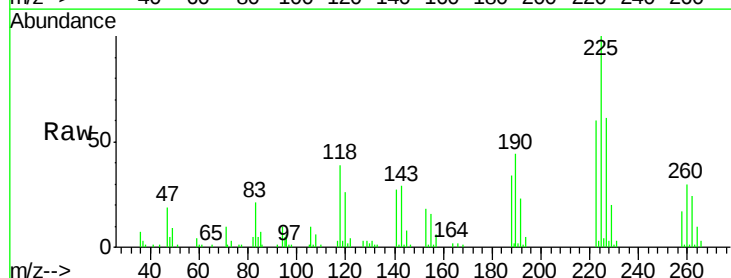


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

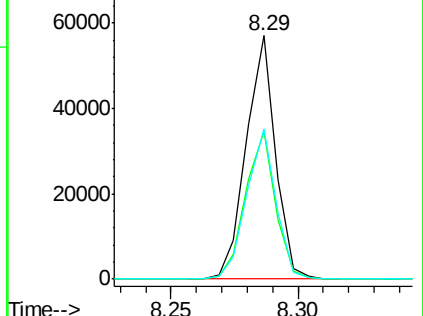
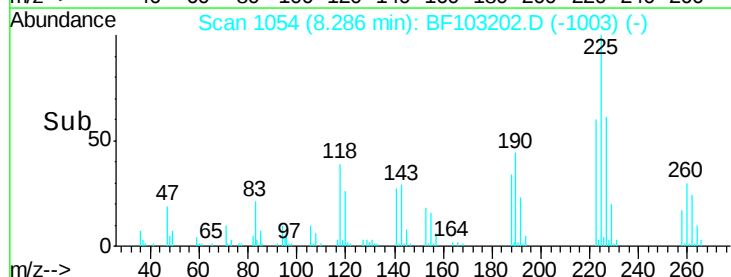


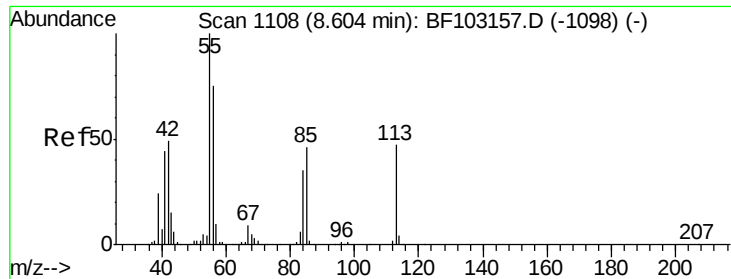
#34
Hexachlorobutadiene
Concen: 8.111 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:	225	Resp:	45854
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.6	76.0
227	61.4	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

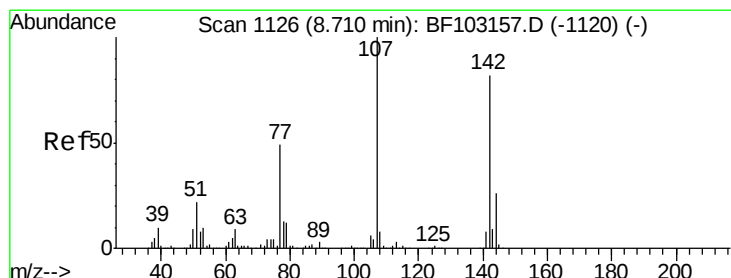
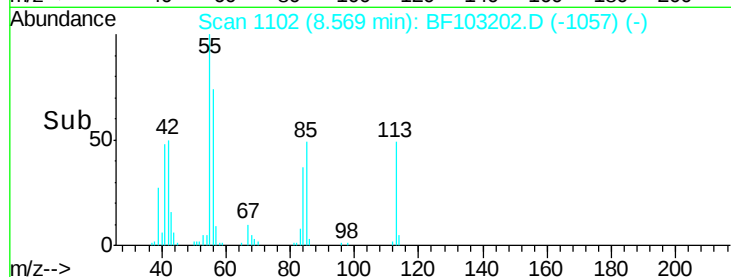
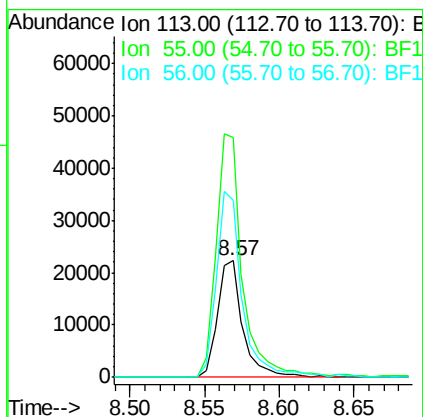
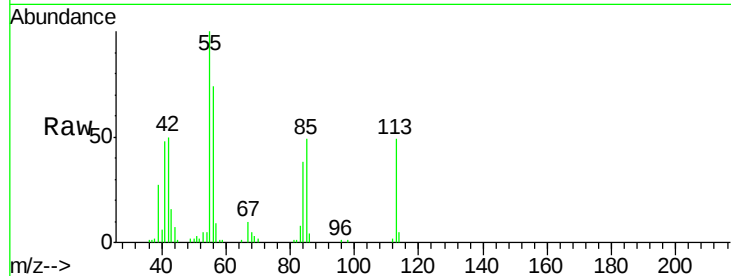




#35
 Caprolactam
 Concen: 7.456 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.04 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

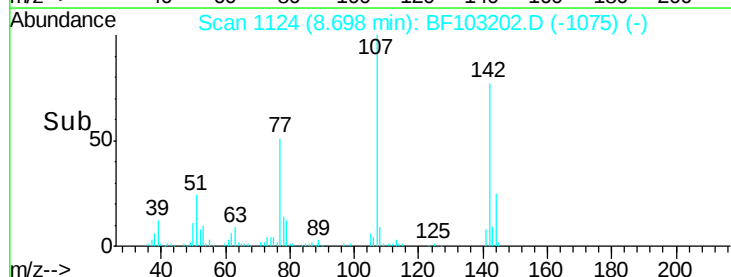
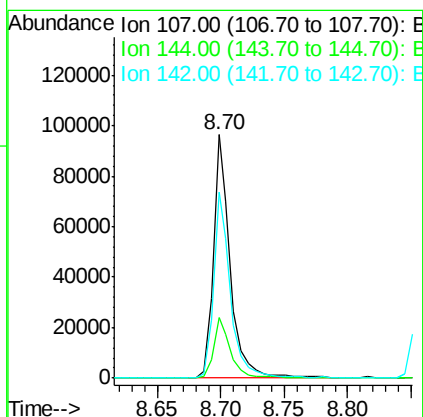
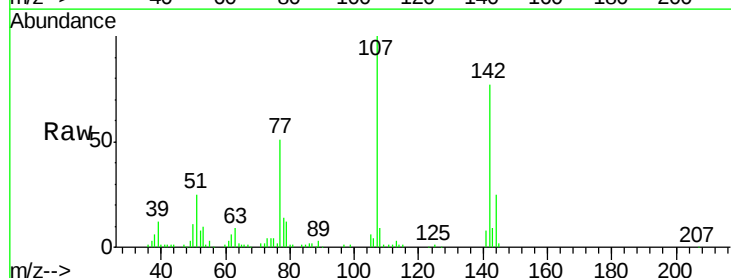
Instrument :
 BNA_F
 ClientSampleId :

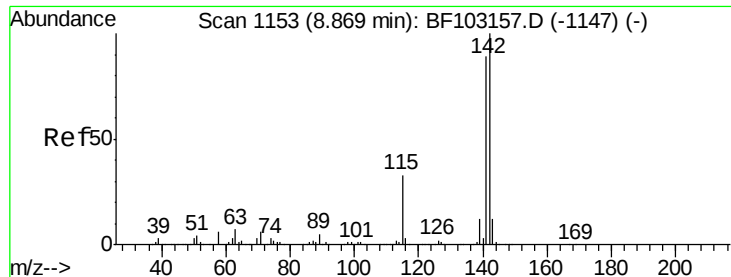
Tot Ion:113 Resp: 26716
 Ion Ratio Lower Upper
 113 100
 55 205.4 163.3 203.3#
 56 151.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 7.870 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion:107 Resp: 90502
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 76.5 62.0 93.0

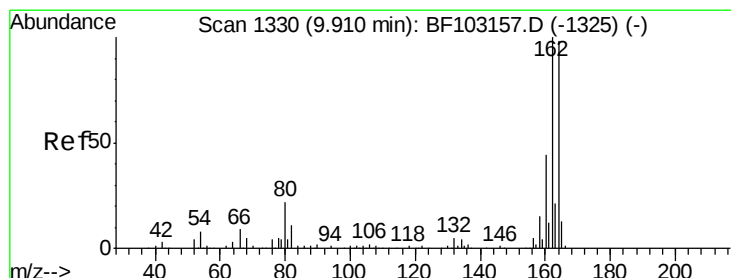
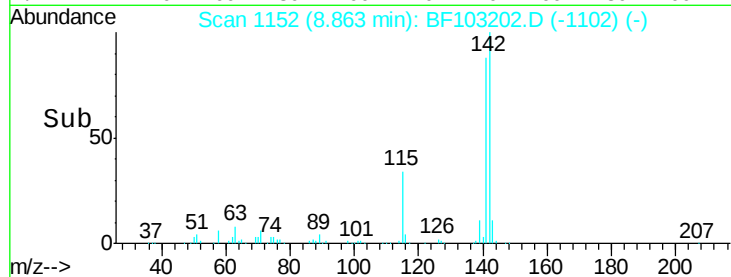
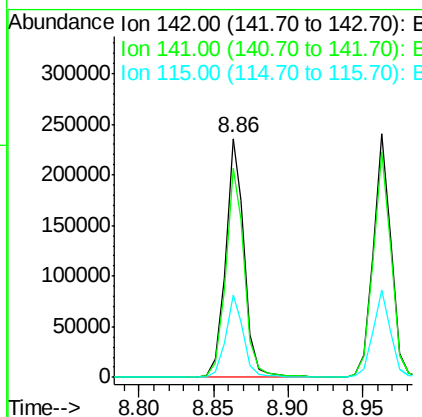
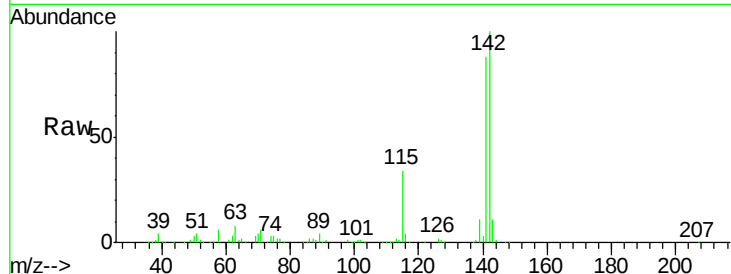




#37
2-Methylnaphthalene
Concen: 8.608 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

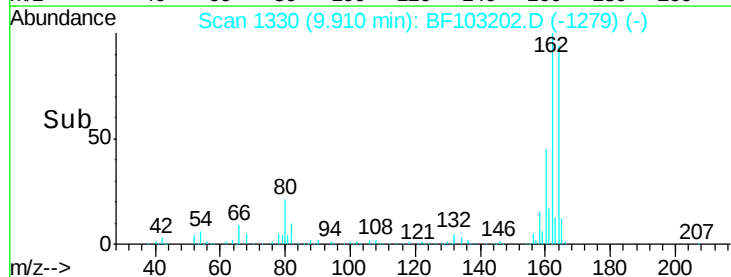
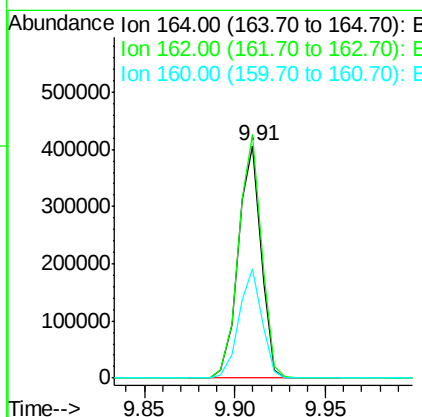
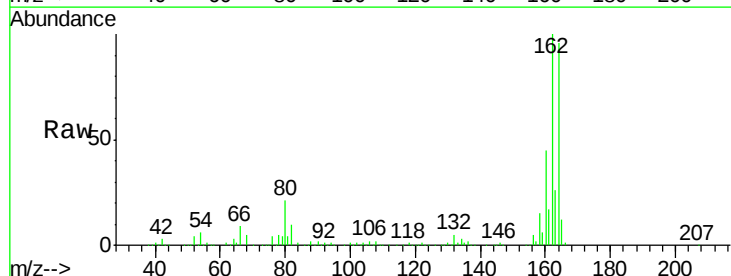
Instrument :
BNA_F
ClientSampleId :

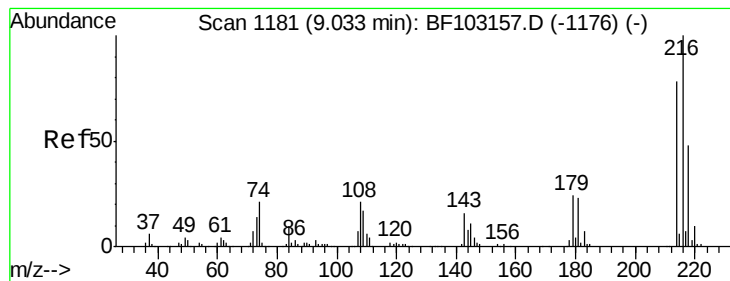
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	34.3	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.311 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 81105

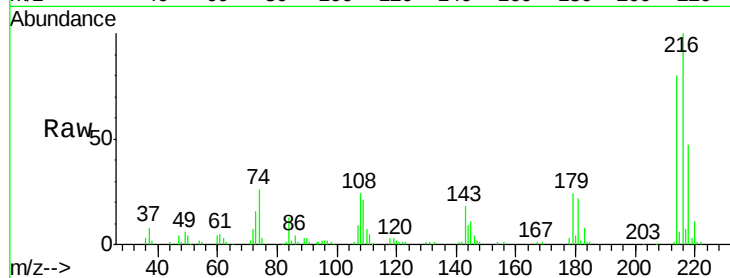
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 22.5 18.1 27.1

108 22.8 17.2 25.8

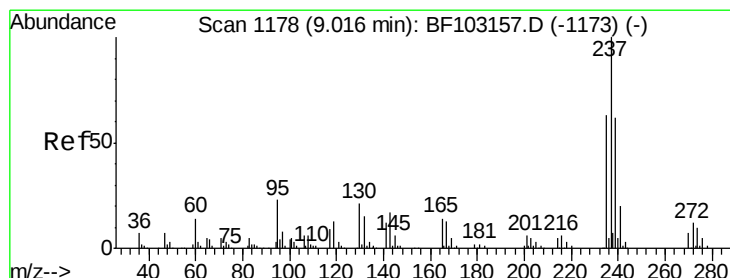
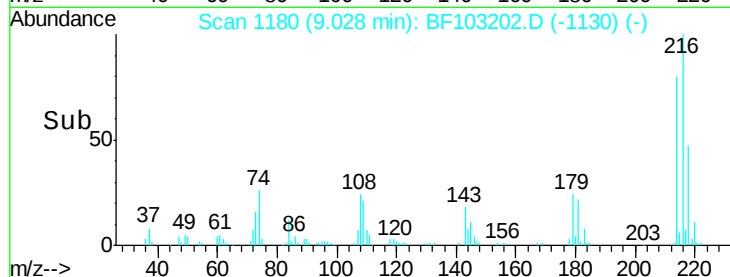
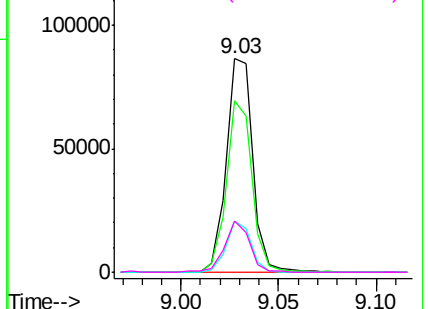


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.028 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

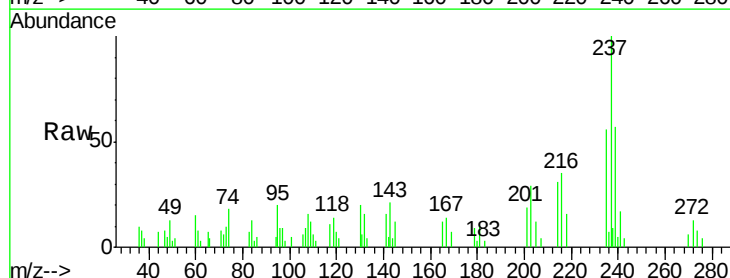
Tgt Ion:237 Resp: 8305

Ion Ratio Lower Upper

237 100

235 56.1 44.8 84.8

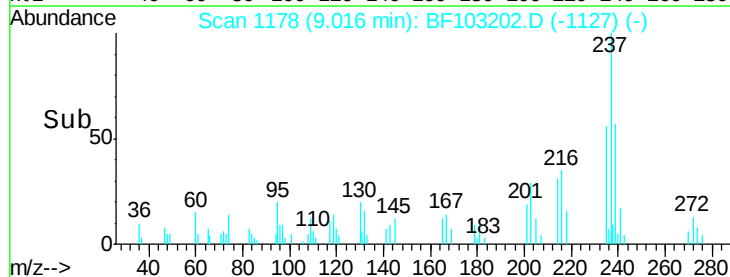
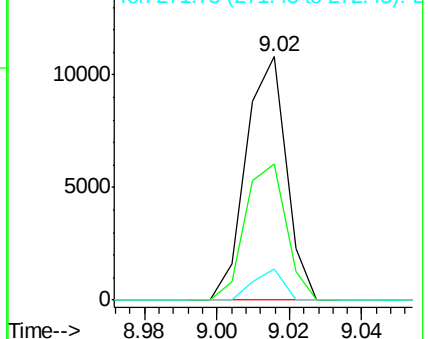
272 12.7 0.0 33.3

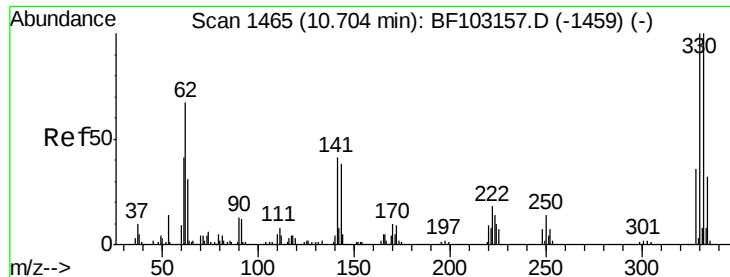


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

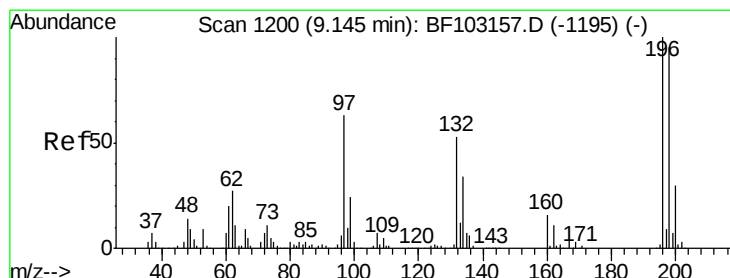
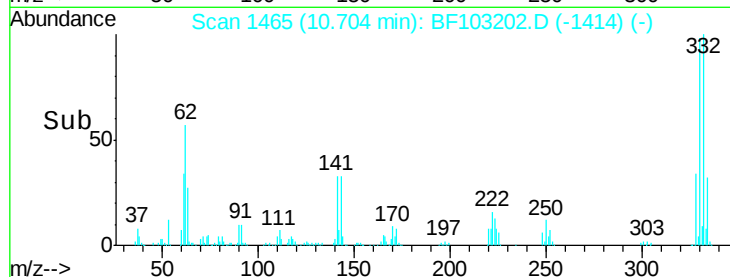
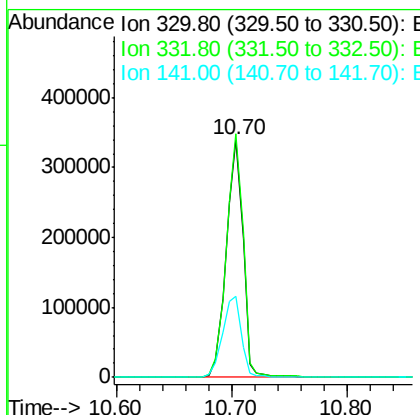
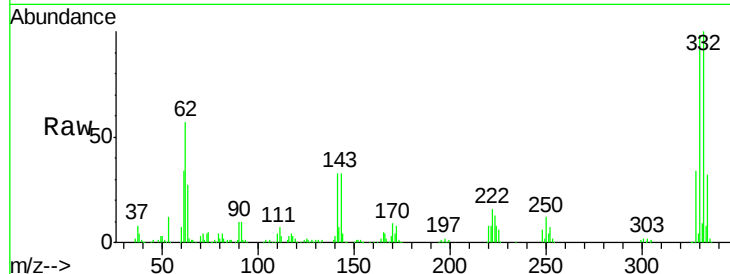




#41
 2,4,6-Tribromophenol
 Concen: 113.303 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

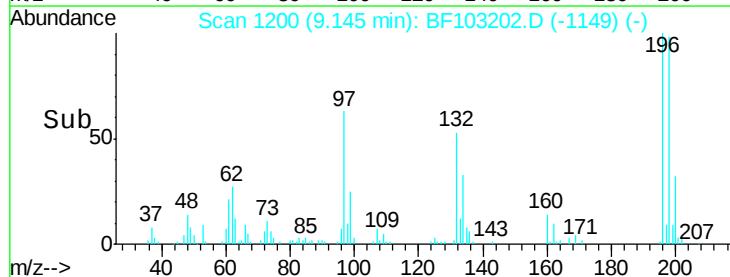
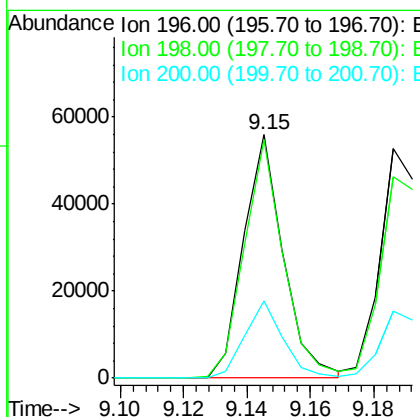
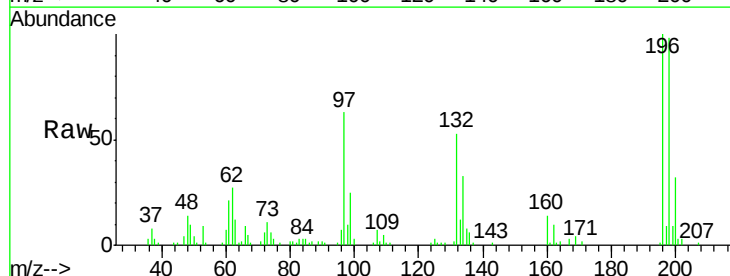
Instrument :
 BNA_F
 ClientSampled :

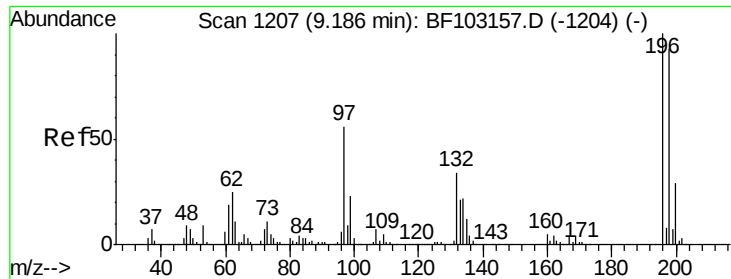
Tot Ion	330	Resp	342341
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	102.8		
141	38.3		
	29.9		
	44.9		



#42
 2,4,6-Trichlorophenol
 Concen: 7.427 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	196	Resp	48767
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	97.7		
200	31.6		
	24.5		
	36.7		

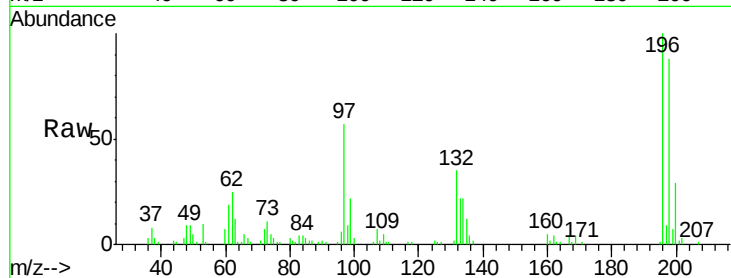




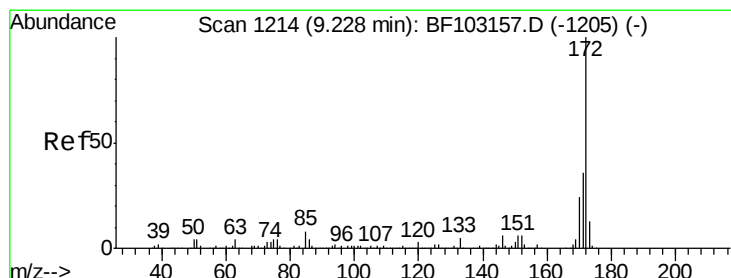
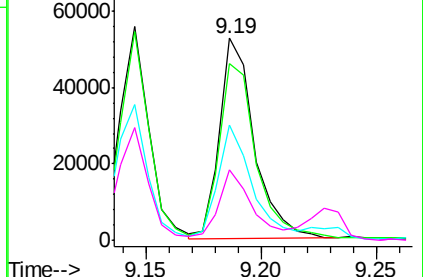
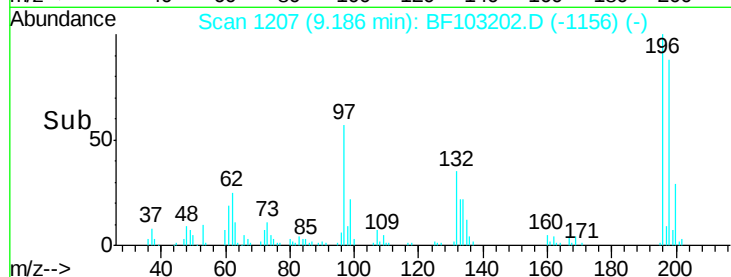
#43
2,4,5-Trichlorophenol
Concen: 7.302 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 55145
Ion Ratio Lower Upper
196 100
198 87.5 74.6 112.0
97 57.3 42.9 64.3
132 34.7 26.3 39.5

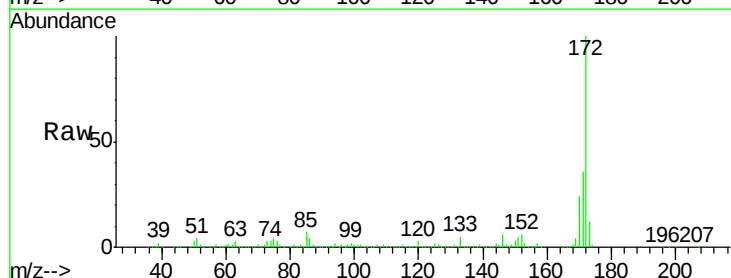


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

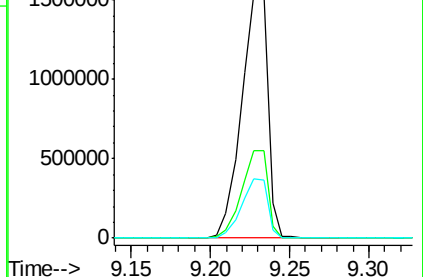
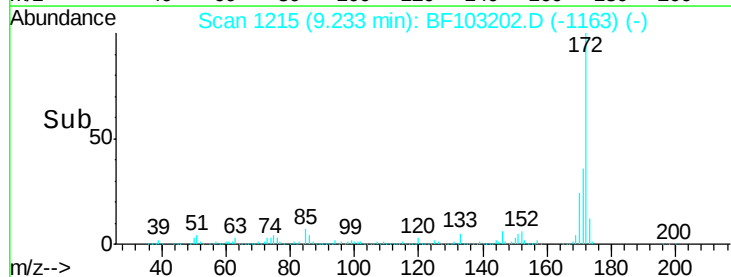


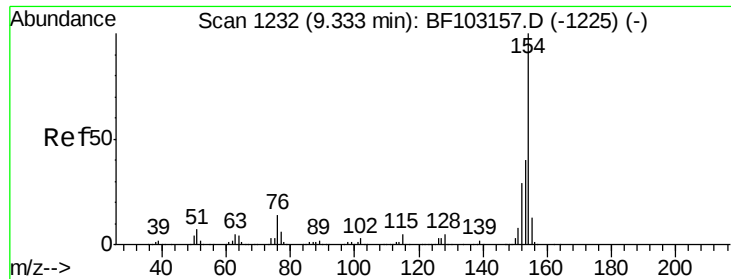
#44
2-Fluorobiphenyl
Concen: 86.016 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:172 Resp: 1777611
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.8 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

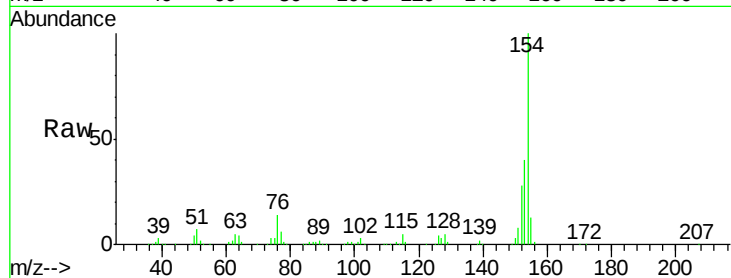




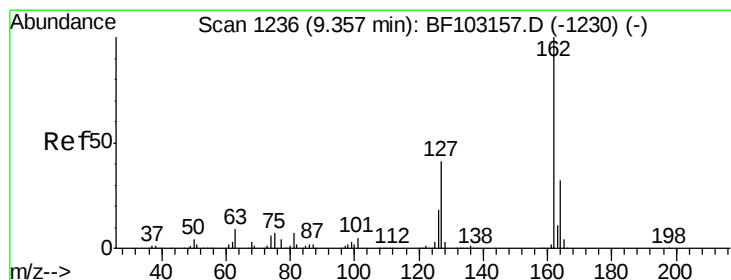
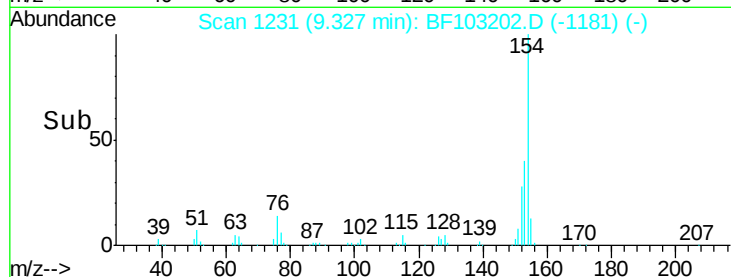
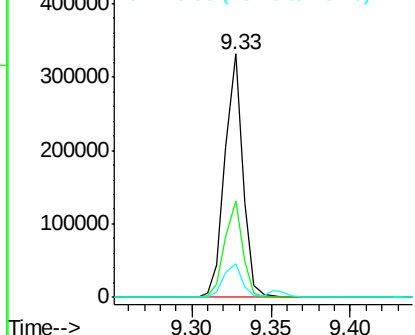
#45
 1,1'-Biphenyl
 Concen: 8.714 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.3	61.3
76	13.9	0.0	34.0

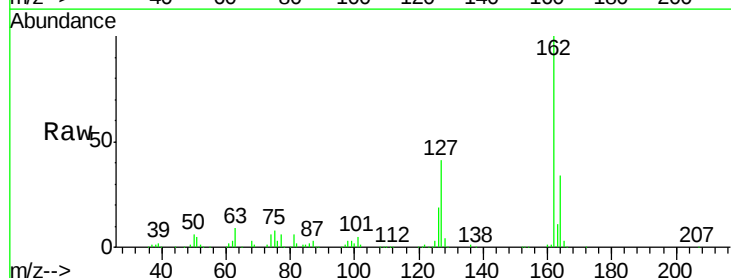


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

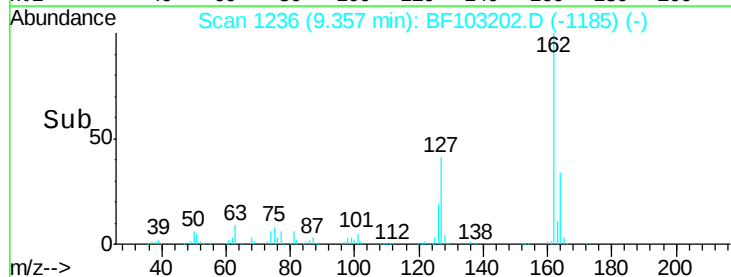
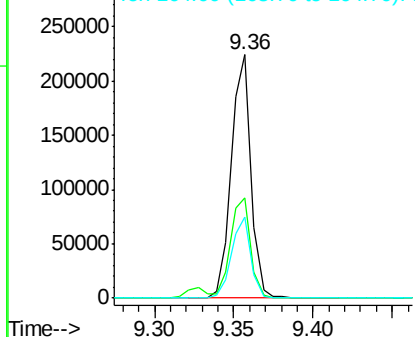


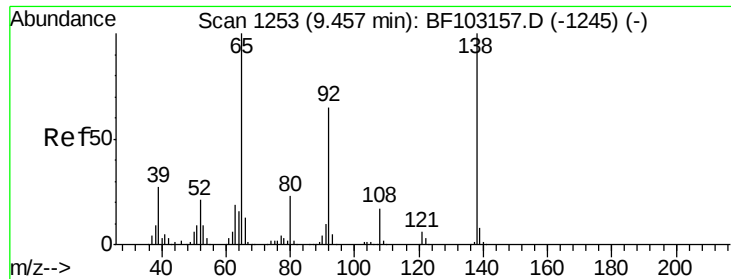
#46
 2-Chloronaphthalene
 Concen: 8.139 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	33.5	26.5	39.7



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





#47

2-Nitroaniline

Concen: 7.778 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

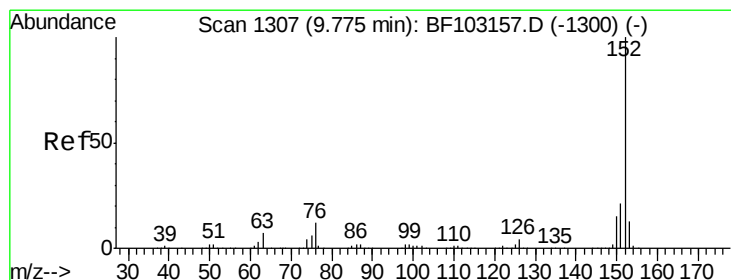
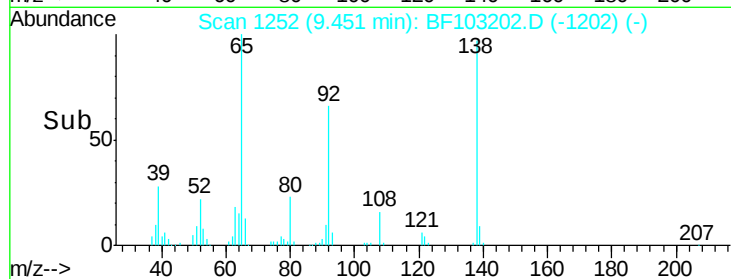
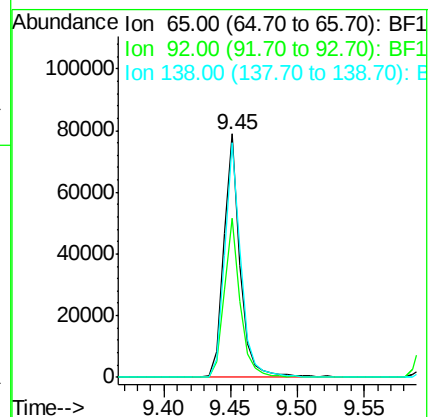
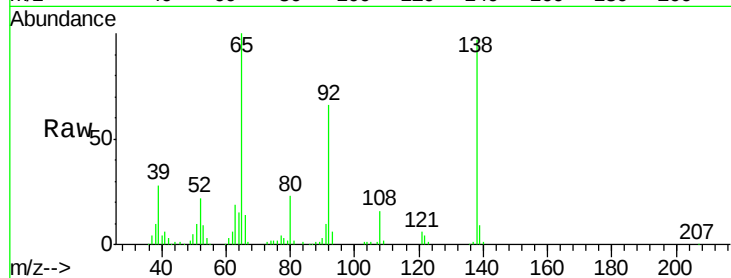
Tot Ion: 65 Resp: 68180

Ion Ratio Lower Upper

65 100

92 65.6 55.8 83.6

138 96.6 91.2 136.8



#48

Acenaphthylene

Concen: 8.578 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

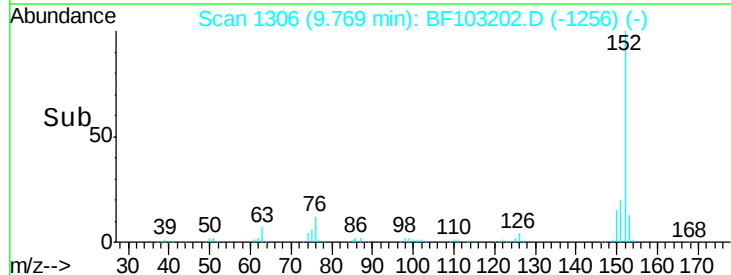
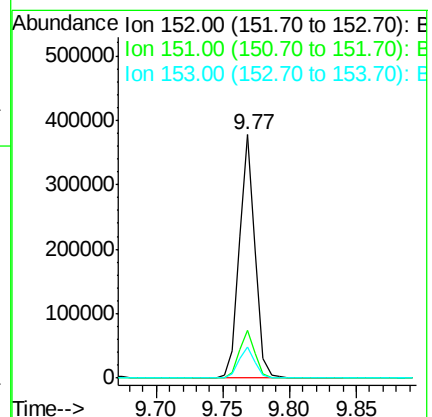
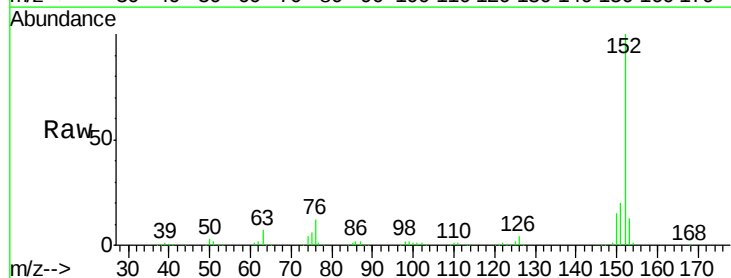
Tgt Ion: 152 Resp: 312302

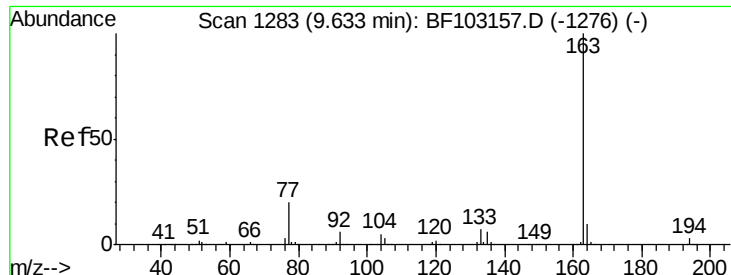
Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 12.8 10.7 16.1

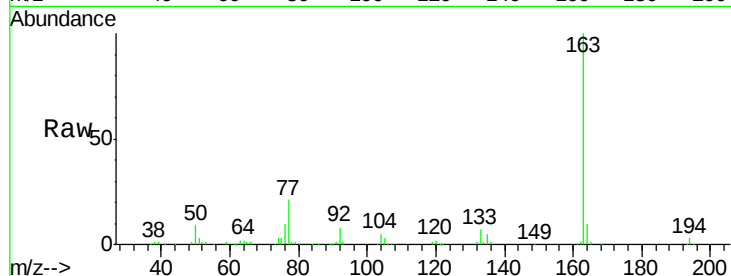




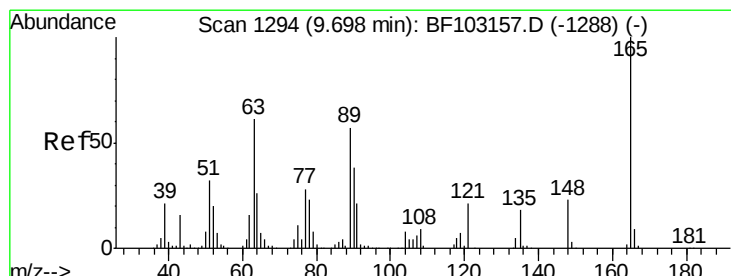
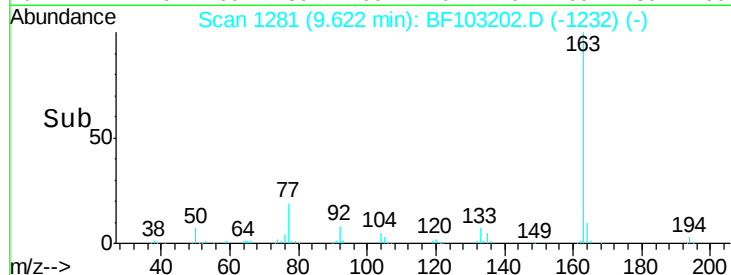
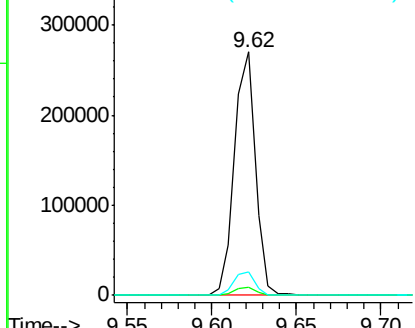
#49
Dimethylphthalate
Concen: 8.143 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 233176
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2

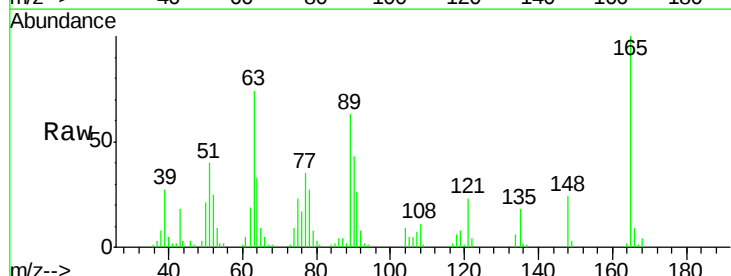


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

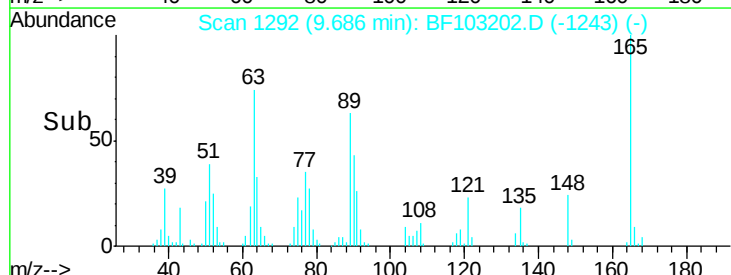
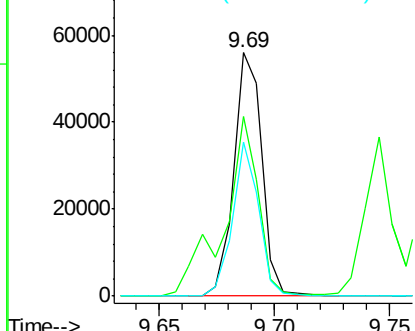


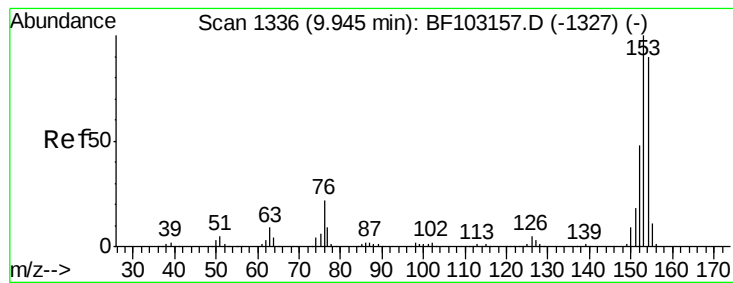
#50
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:165 Resp: 47316
Ion Ratio Lower Upper
165 100
63 73.5 44.7 67.1#
89 63.5 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: 8.636 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

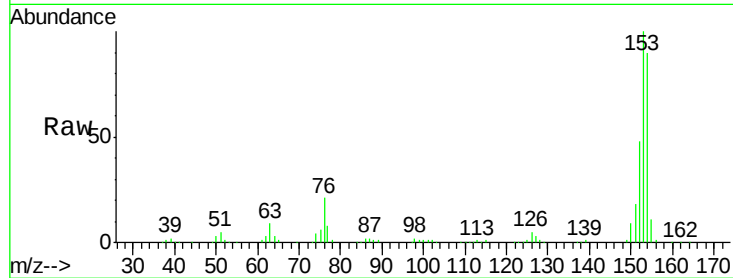
Tot Ion:154 Resp: 183353

Ion Ratio Lower Upper

154 100

153 111.6 91.2 136.8

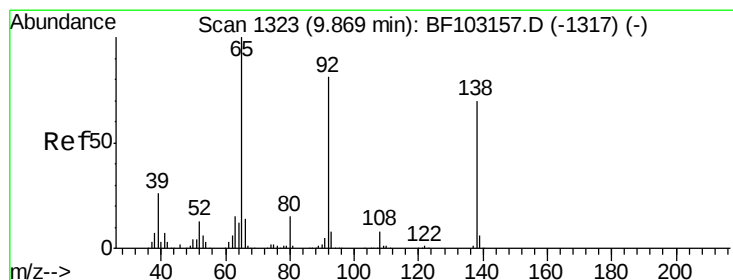
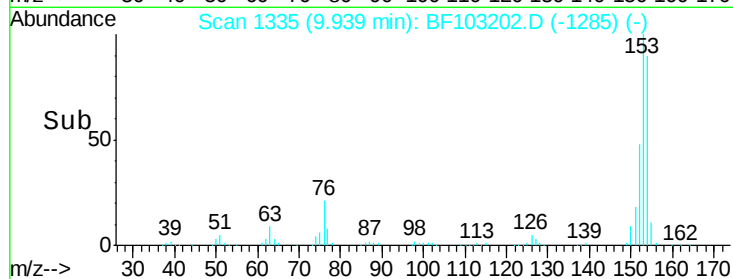
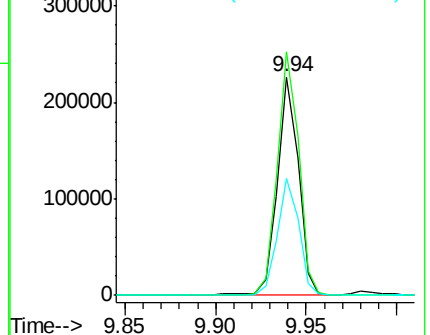
152 53.5 43.8 65.8



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: 7.386 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

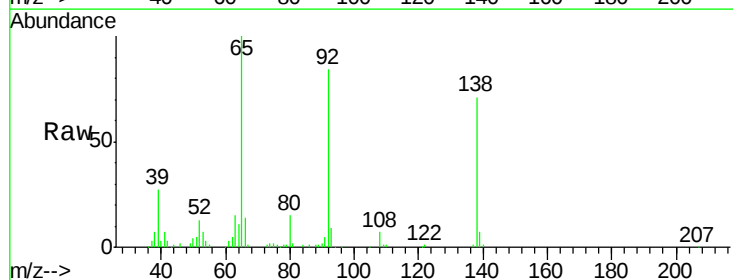
Tgt Ion:138 Resp: 56314

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

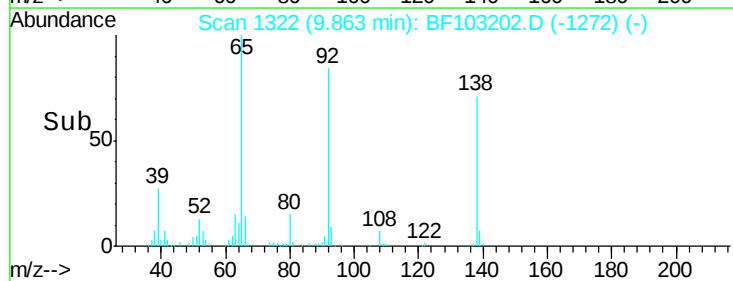
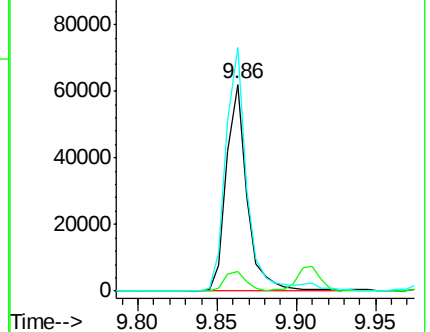
92 117.7 89.4 134.2



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

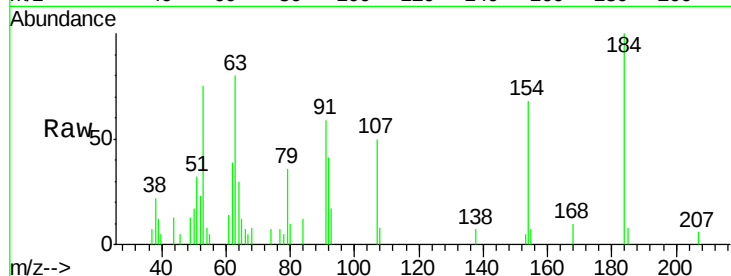




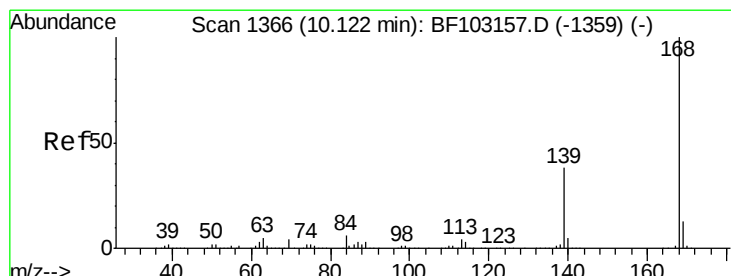
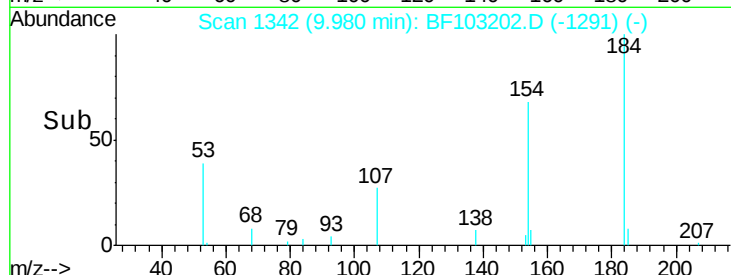
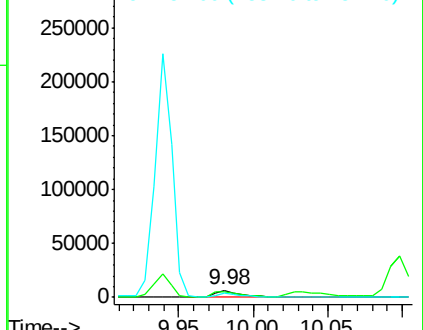
#53
2,4-Dinitrophenol
Concen: 13.217 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 8872
Ion Ratio Lower Upper
184 100
63 80.2 54.2 81.2
154 68.0 184.0 276.0#

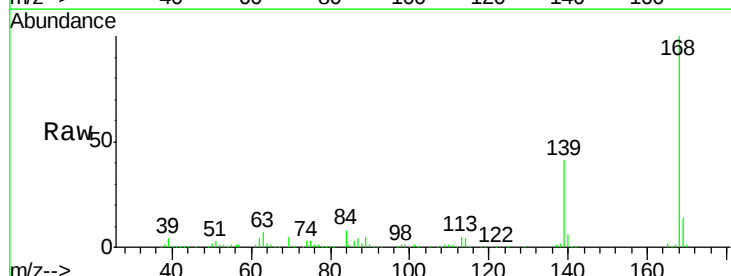


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

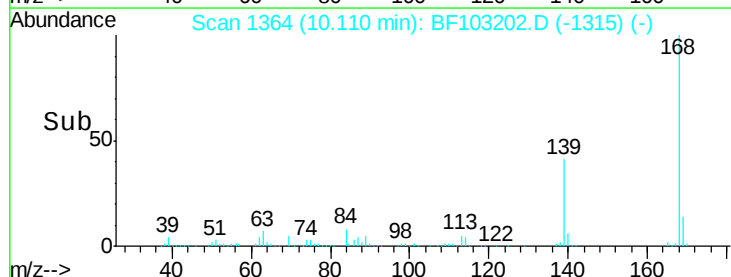
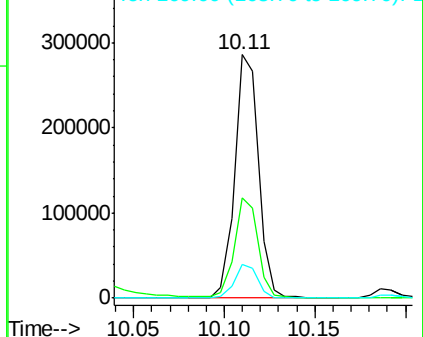


#54
Dibenzofuran
Concen: 8.991 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:168 Resp: 262036
Ion Ratio Lower Upper
168 100
139 41.1 30.1 45.1
169 13.8 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

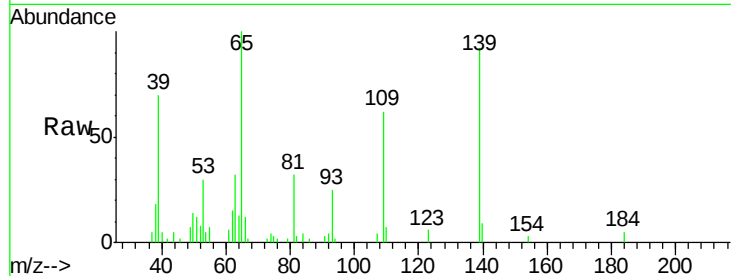




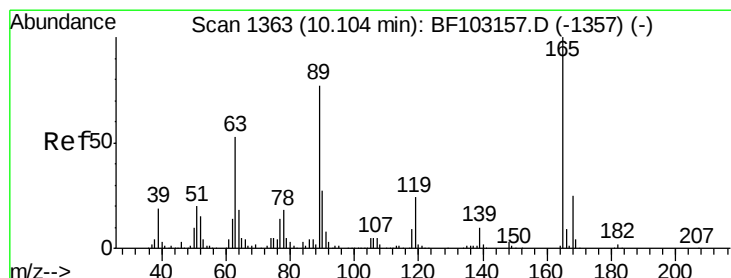
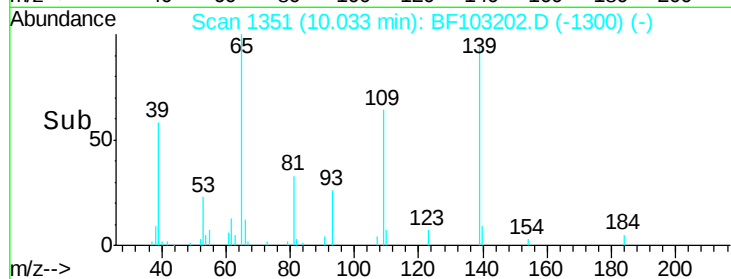
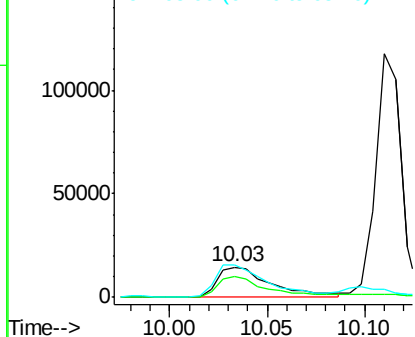
#55
4-Nitrophenol
Concen: 5.877 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 27770
Ion Ratio Lower Upper
139 100
109 67.6 48.4 88.4
65 108.6 72.6 112.6

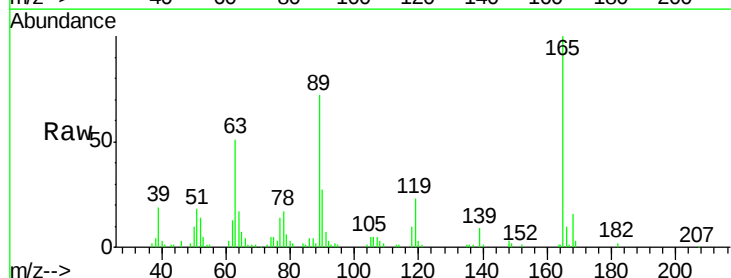


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

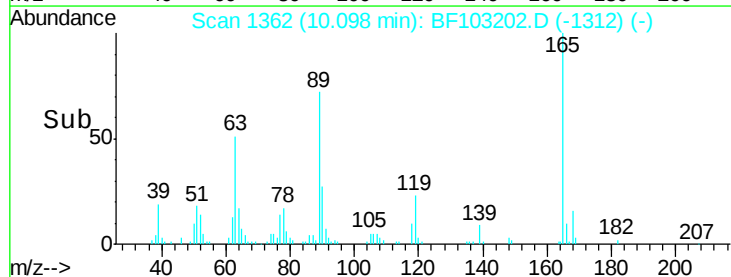
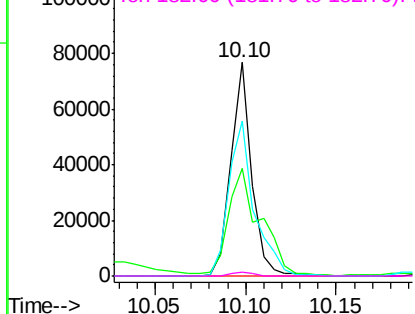


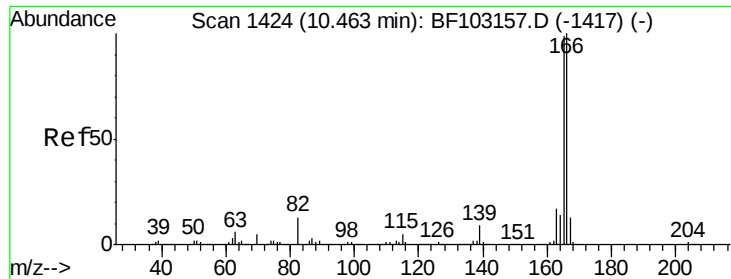
#56
2,4-Dinitrotoluene
Concen: 8.092 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:165 Resp: 61503
Ion Ratio Lower Upper
165 100
63 50.5 36.4 54.6
89 72.4 57.8 86.6
182 1.8 1.6 2.4



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

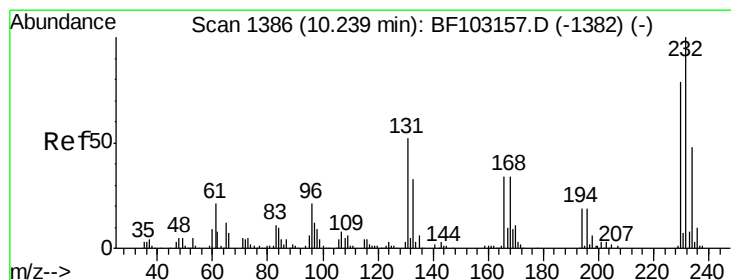
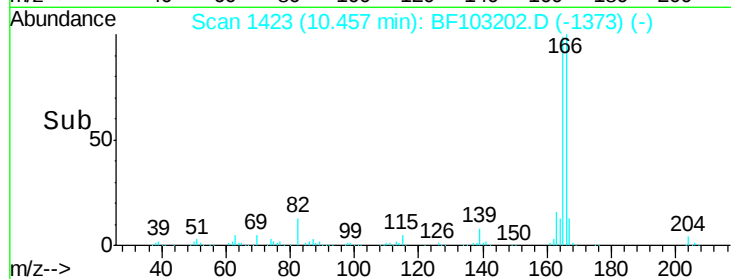
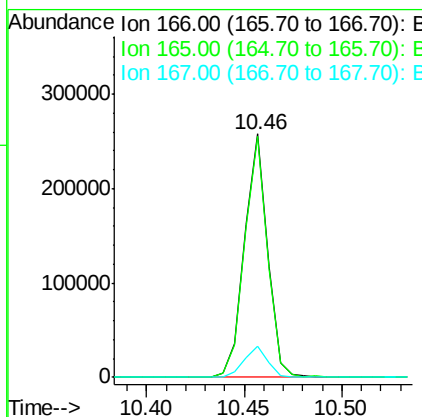
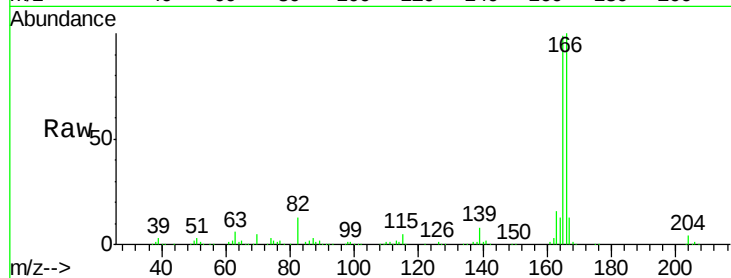




#57
 Fluorene
 Concen: 8.514 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

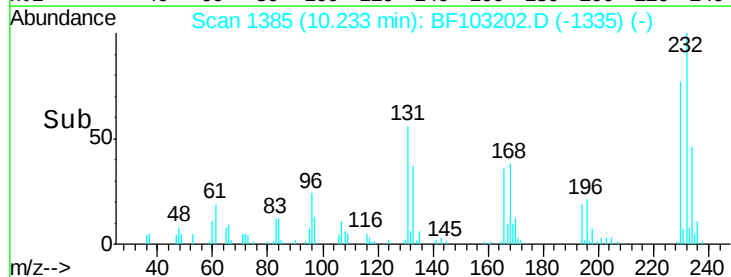
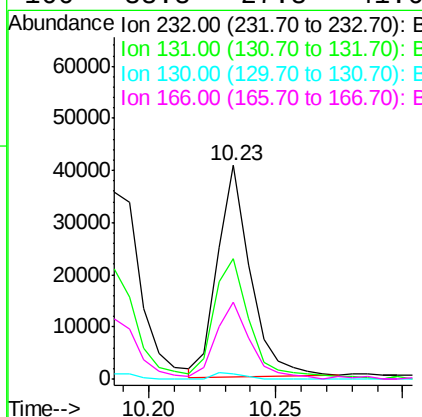
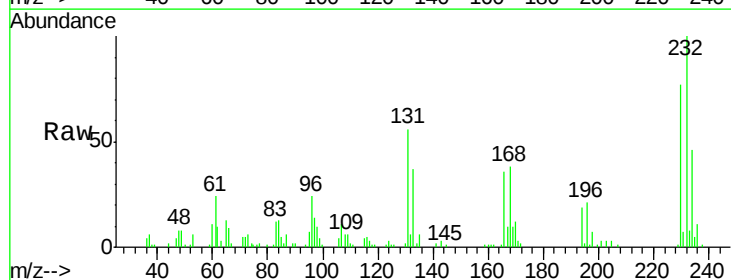
Instrument :
 BNA_F
 ClientSampleId :

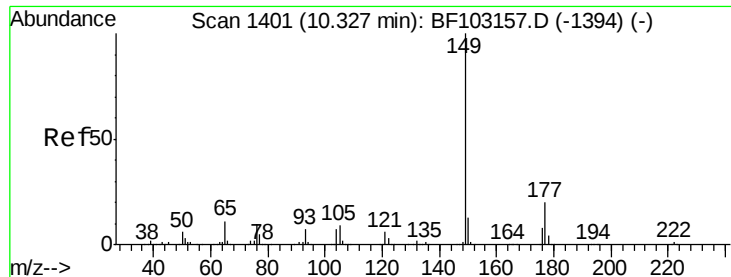
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	12.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.204 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	63.7	43.8	65.8
130	2.4	2.1	3.1
166	38.8	27.8	41.6

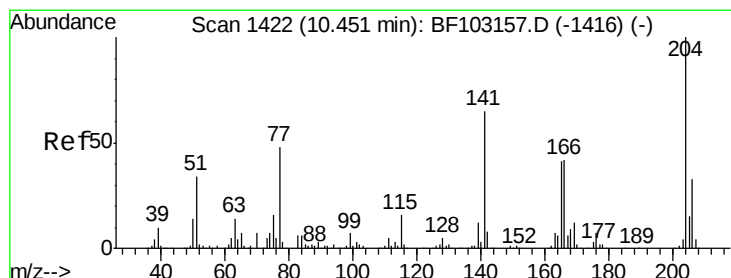
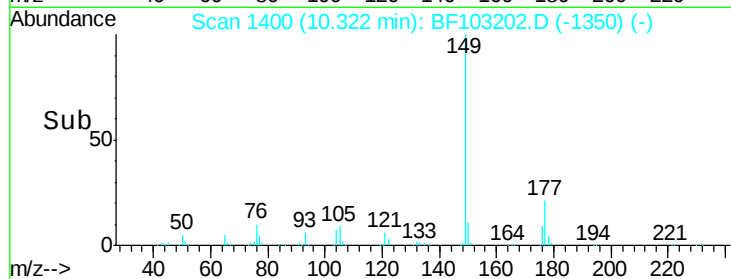
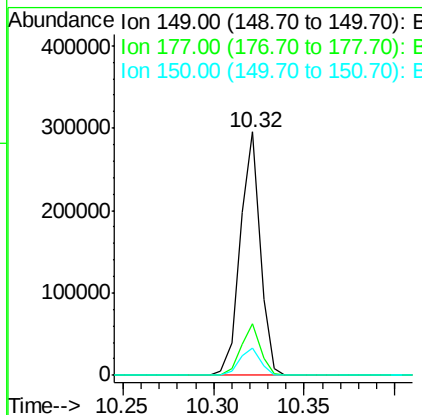
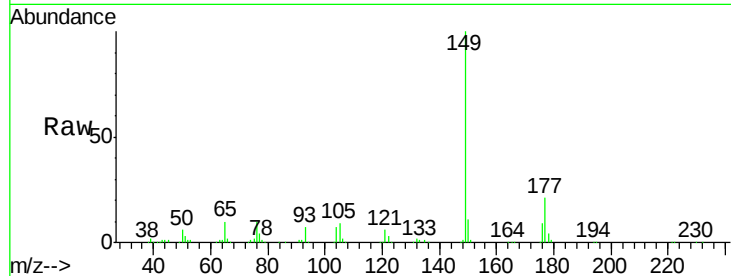




#59
Diethylphthalate
Concen: 8.260 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

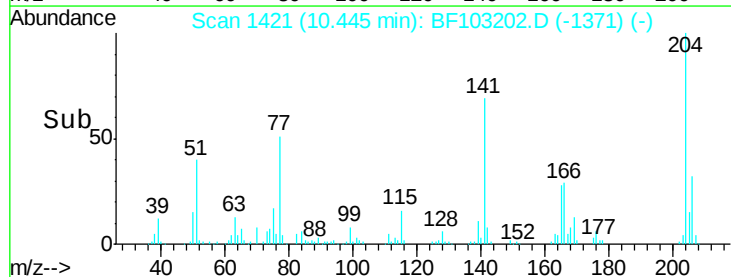
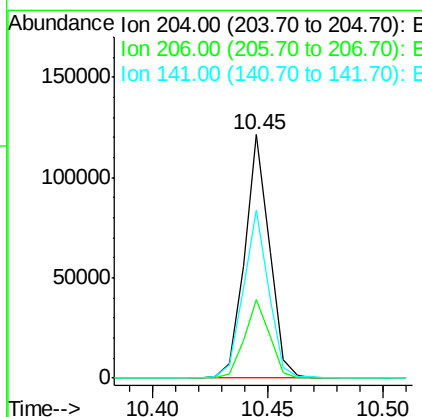
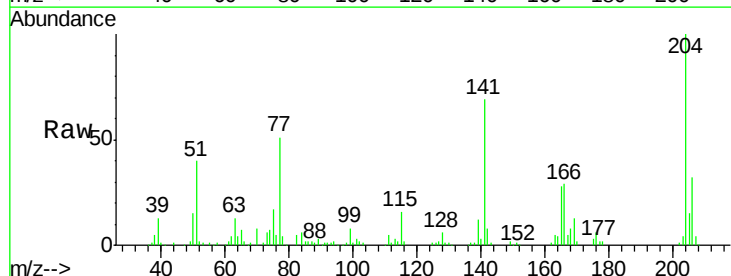
Instrument :
BNA_F
ClientSampleId :

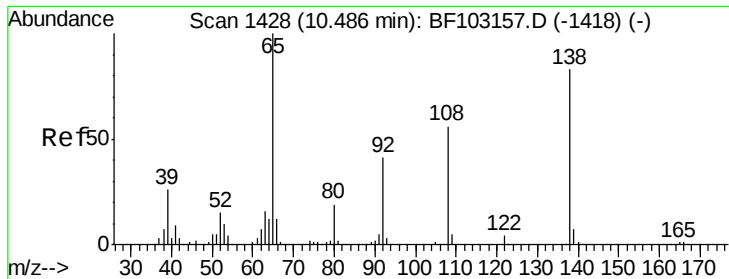
Tot Ion:149 Resp: 226221
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 11.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 8.685 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:204 Resp: 91440
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 68.9 54.6 81.8

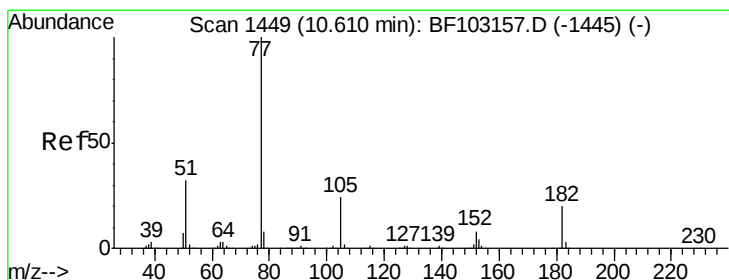
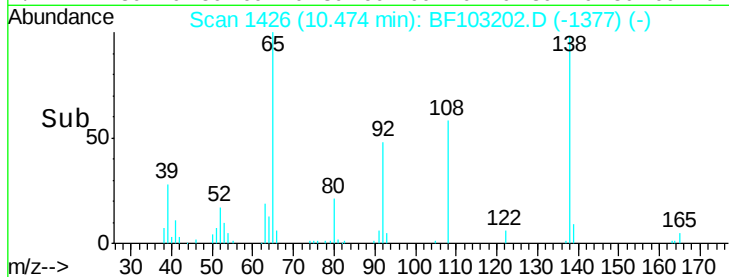
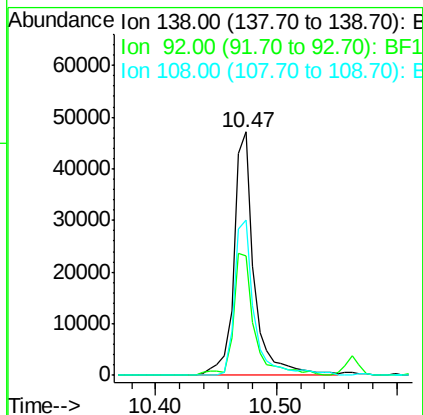
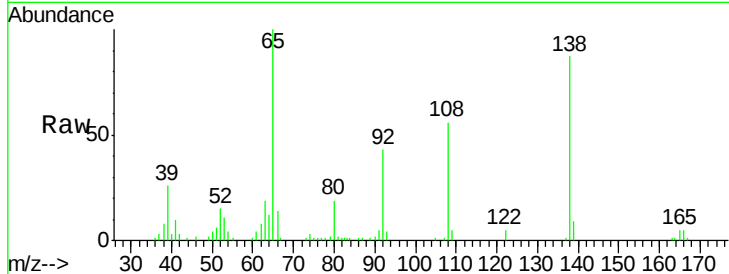




#61
4-Nitroaniline
Concen: 7.240 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

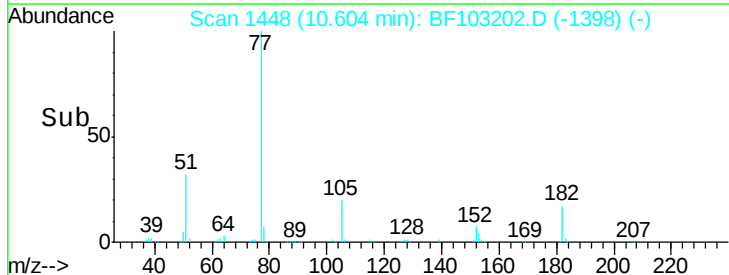
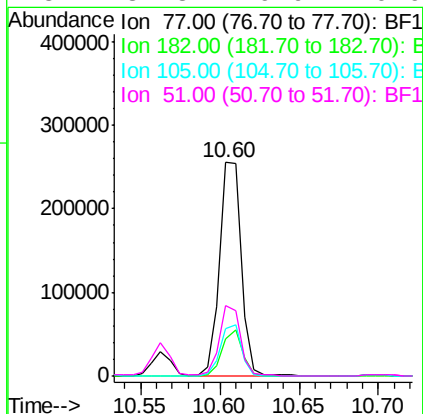
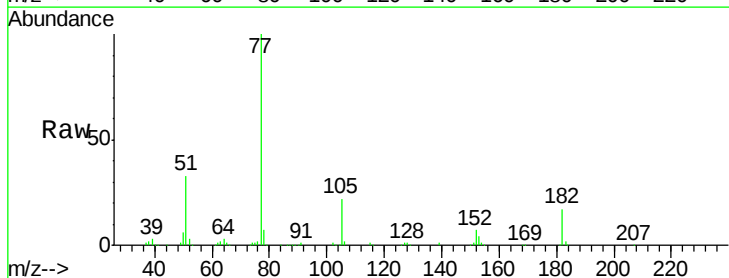
Instrument :
BNA_F
ClientSampleId :

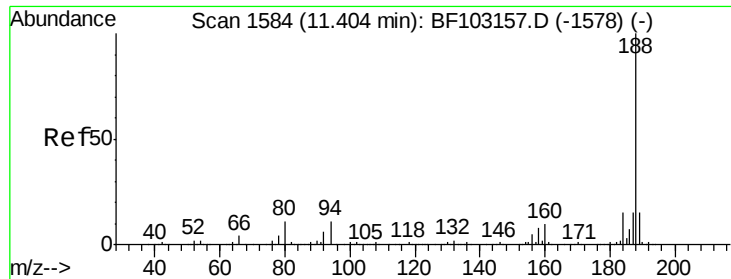
Tot Ion:138 Resp: 55136
Ion Ratio Lower Upper
138 100
92 48.8 30.2 70.2
108 63.6 52.5 92.5



#62
Azobenzene
Concen: 8.683 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion: 77 Resp: 242066
Ion Ratio Lower Upper
77 100
182 17.1 1.7 41.7
105 22.1 3.0 43.0
51 32.8 9.9 49.9

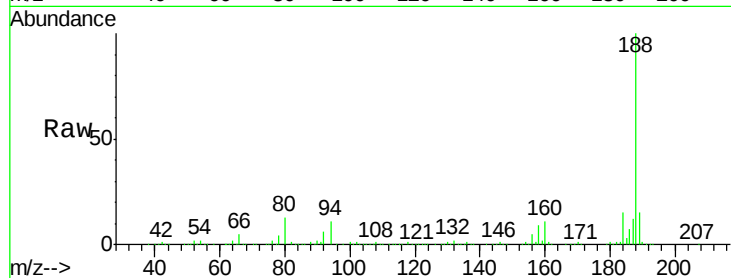




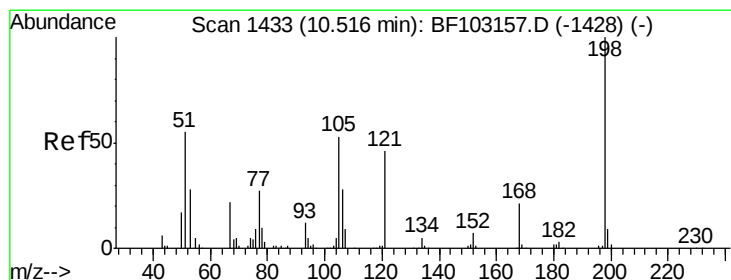
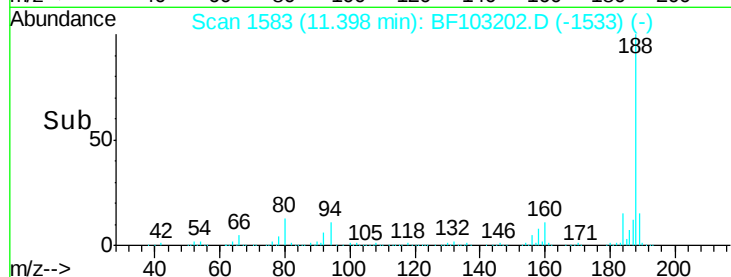
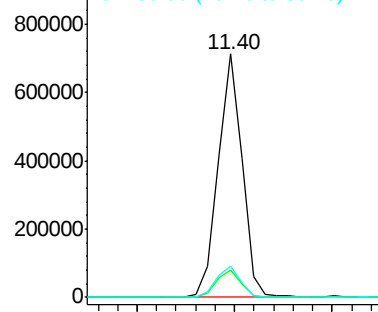
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 606502
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.8 9.2 13.8

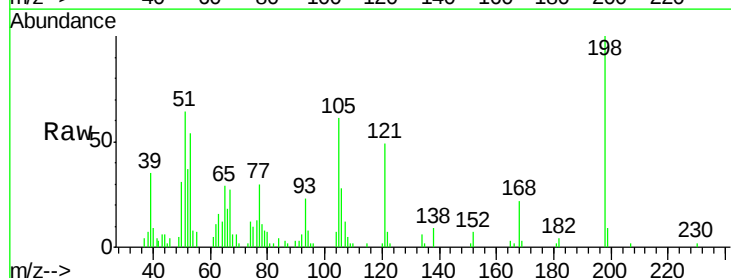


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

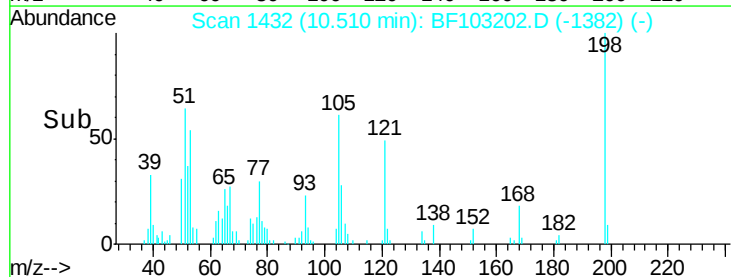
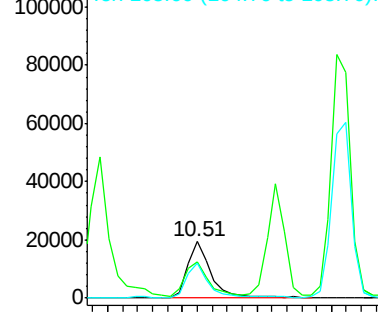


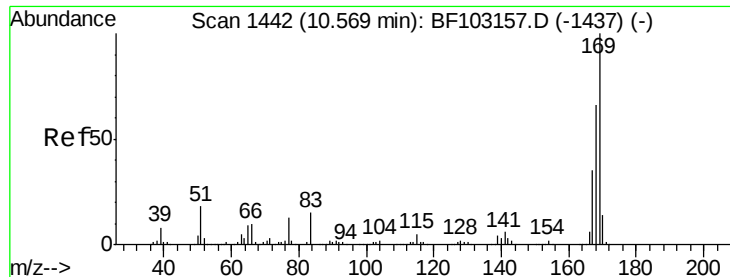
#64
4,6-Dinitro-2-methylphenol
Concen: 10.135 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:198 Resp: 21352
Ion Ratio Lower Upper
198 100
51 63.9 37.7 77.7
105 61.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

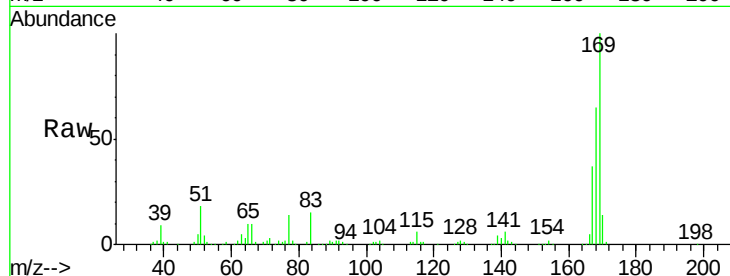




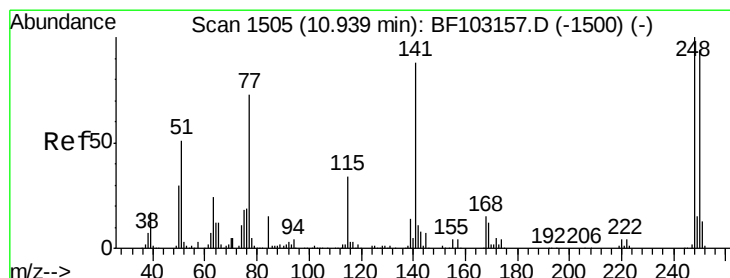
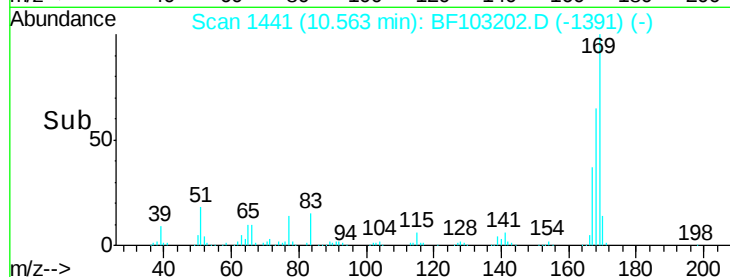
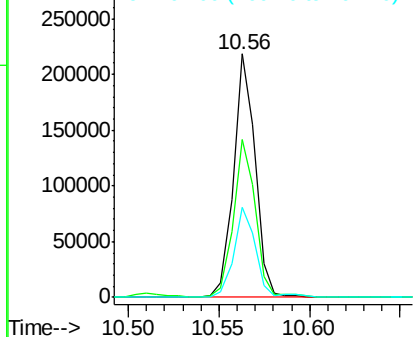
#65
n-Nitrosodiphenylamine
Concen: 8.575 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 181093
Ion Ratio Lower Upper
169 100
168 64.9 54.4 81.6
167 36.8 29.8 44.6

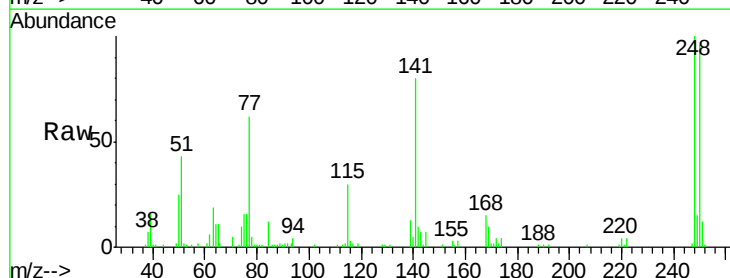


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

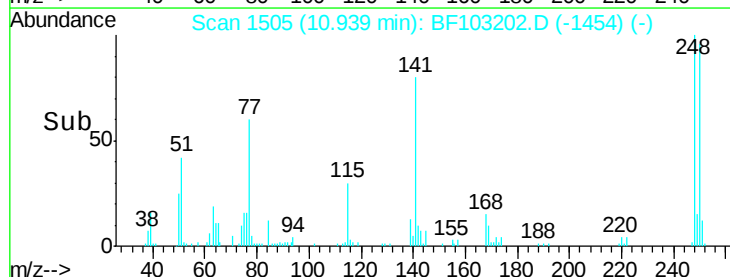
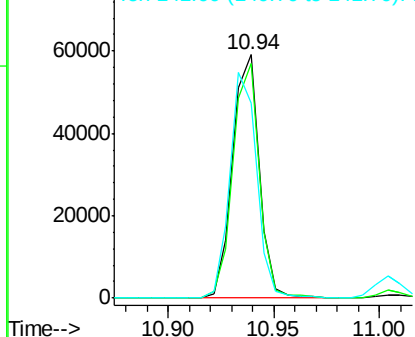


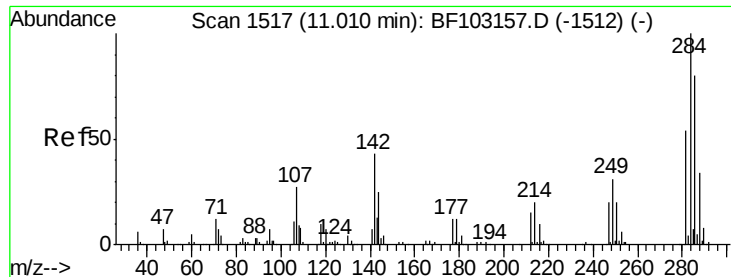
#66
4-Bromophenyl-phenylether
Concen: 8.120 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:248 Resp: 51302
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 80.3 74.4 111.6



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

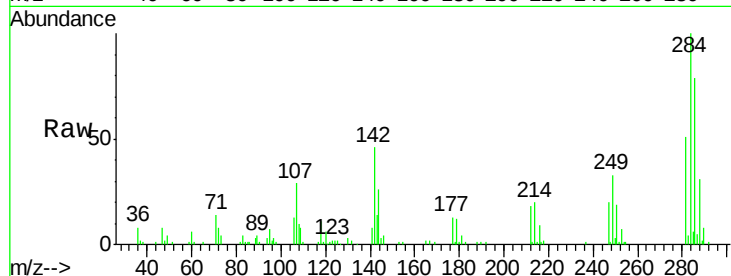




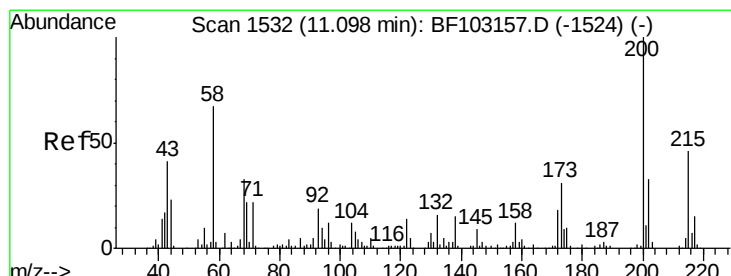
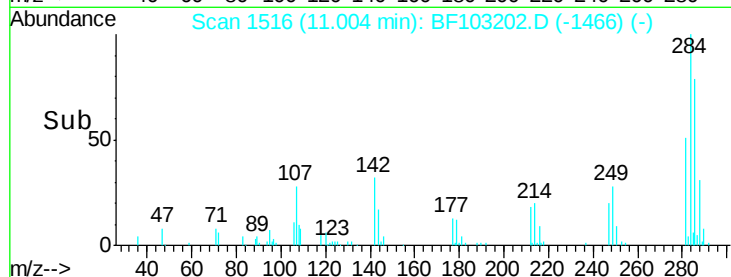
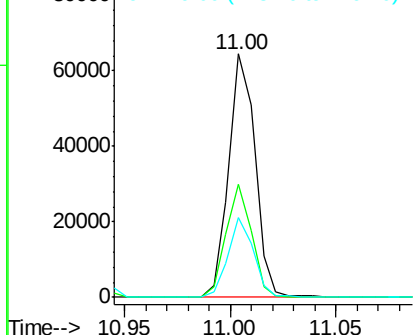
#67
Hexachlorobenzene
Concen: 8.102 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 55560
Ion Ratio Lower Upper
284 100
142 46.2 34.6 52.0
249 32.5 24.8 37.2

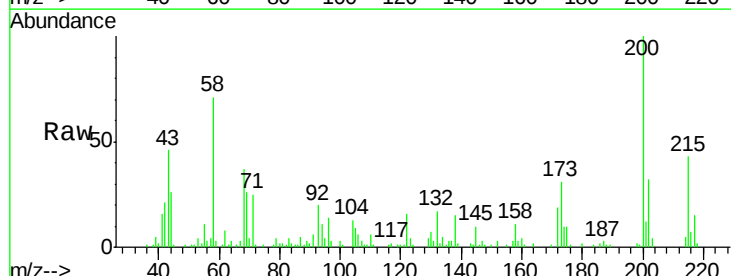


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

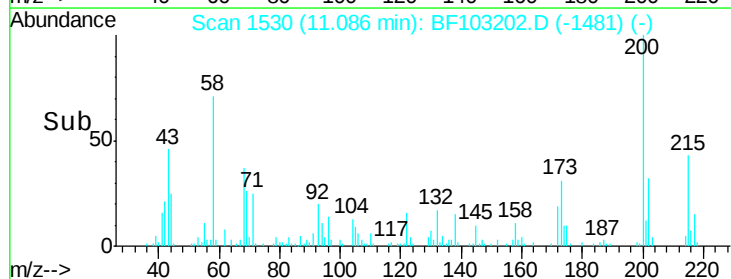
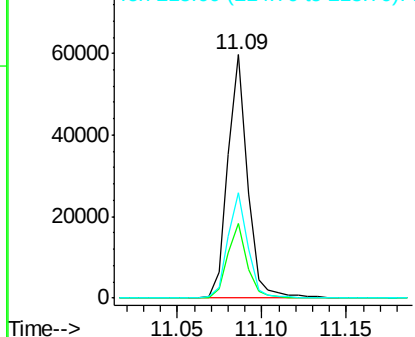


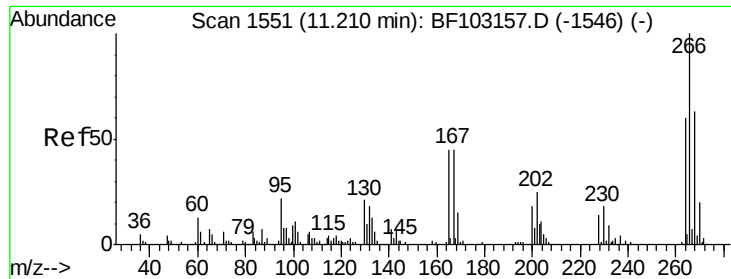
#68
Atrazine
Concen: 7.661 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:200 Resp: 48625
Ion Ratio Lower Upper
200 100
173 30.8 8.6 48.6
215 43.2 25.1 65.1



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

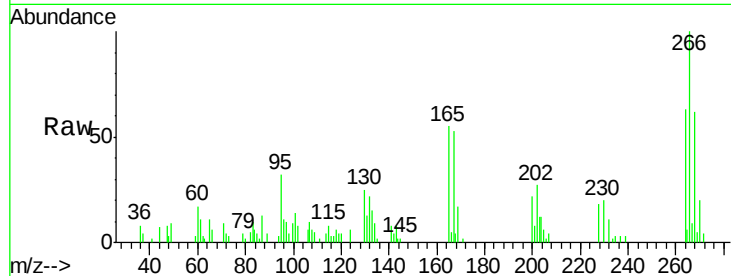




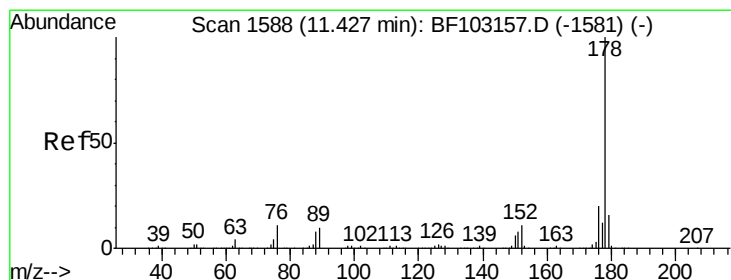
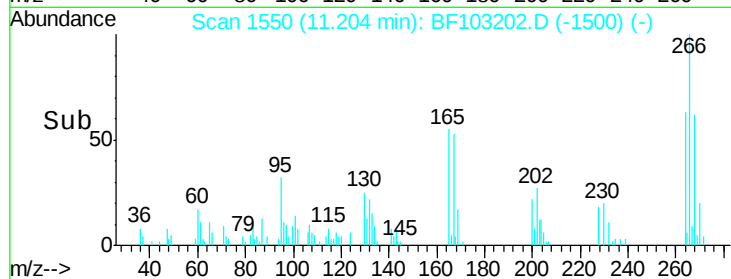
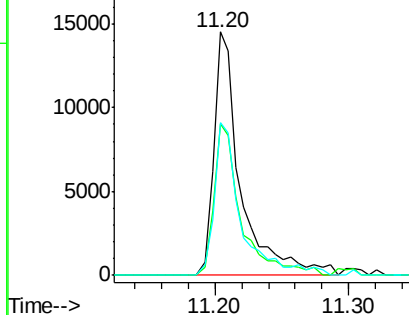
#69
 Pentachlorophenol
 Concen: 6.166 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 20445
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 68.6 49.5 74.3

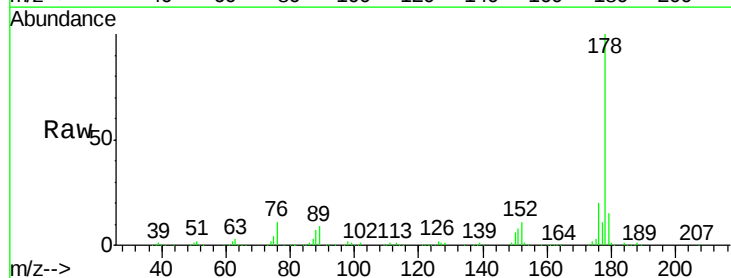


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

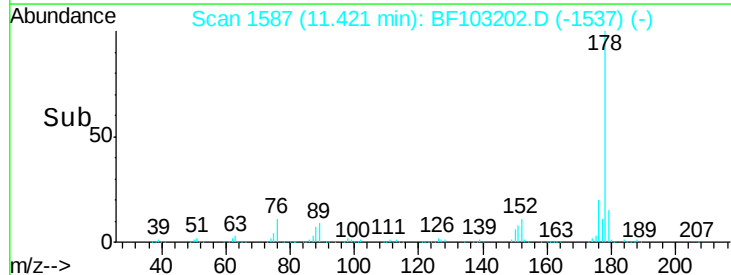
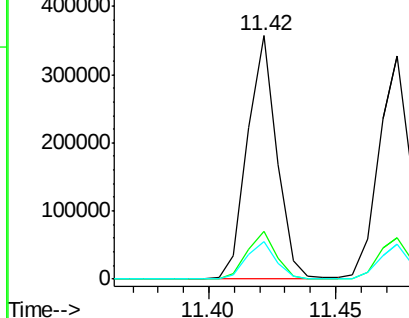


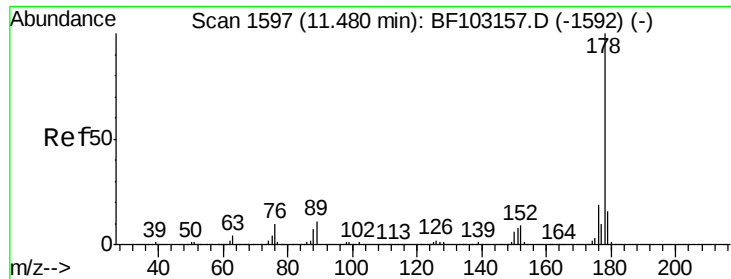
#70
 Phenanthrene
 Concen: 8.666 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion:178 Resp: 289244
 Ion Ratio Lower Upper
 178 100
 176 19.8 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

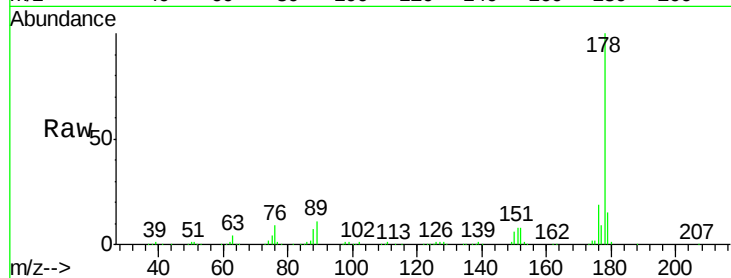




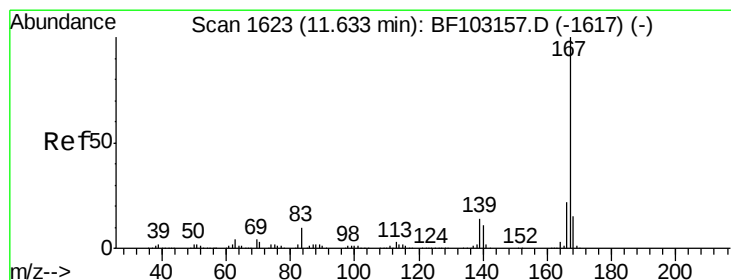
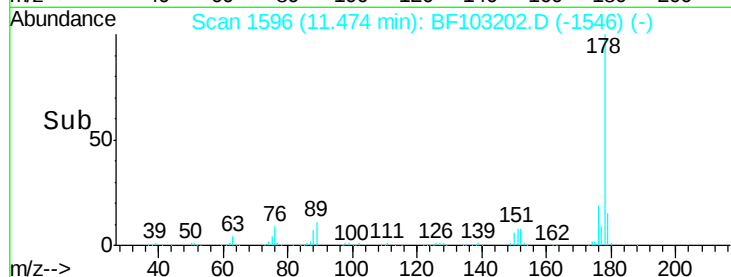
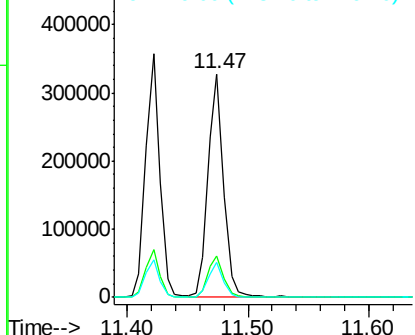
#71
 Anthracene
 Concen: 8.553 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 292743
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.5 12.6 19.0

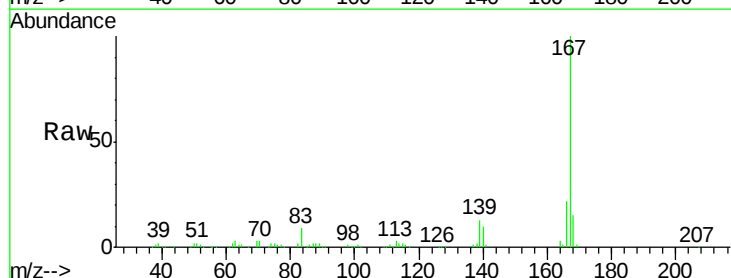


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

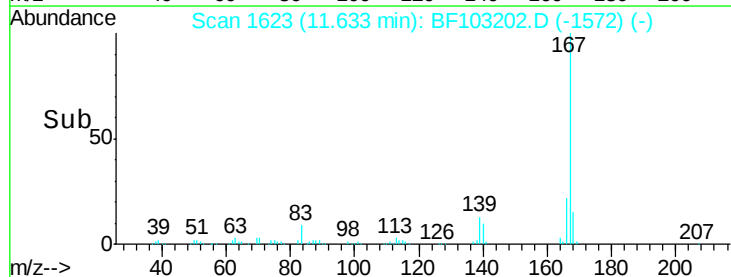
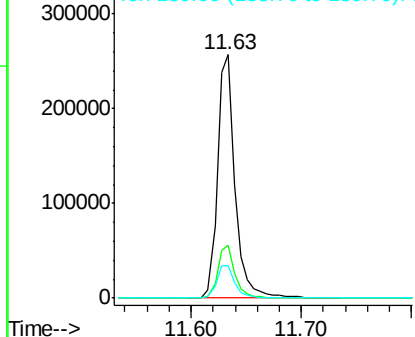


#72
 Carbazole
 Concen: 8.292 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion:167 Resp: 282619
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

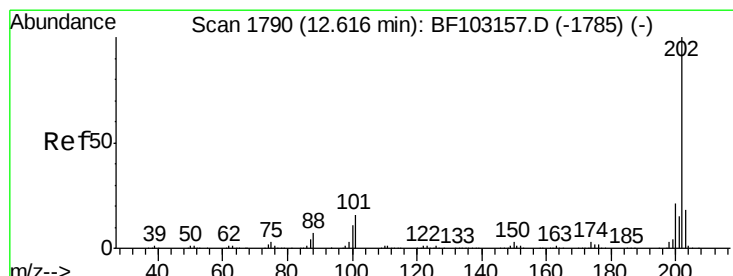
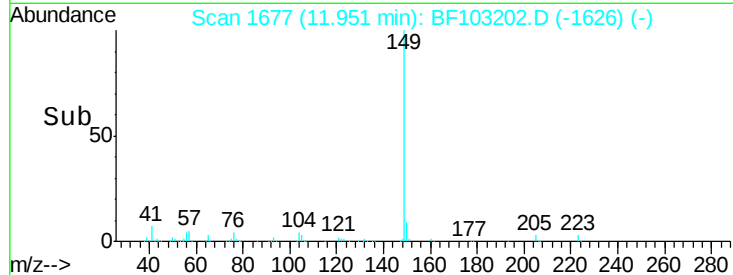
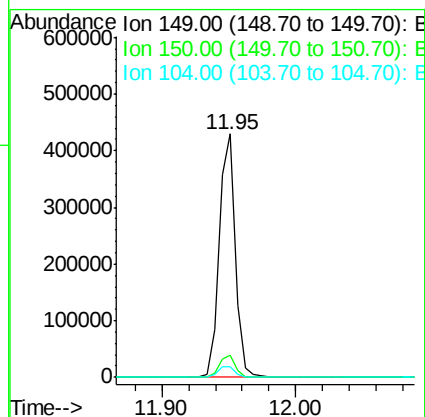
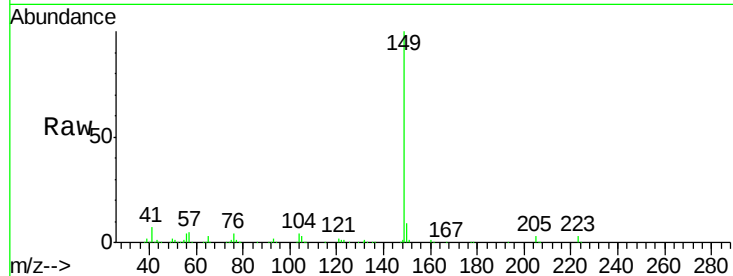




#73
Di-n-butylphthalate
Concen: 8.551 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

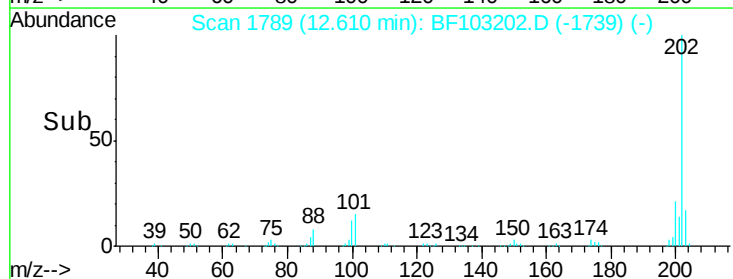
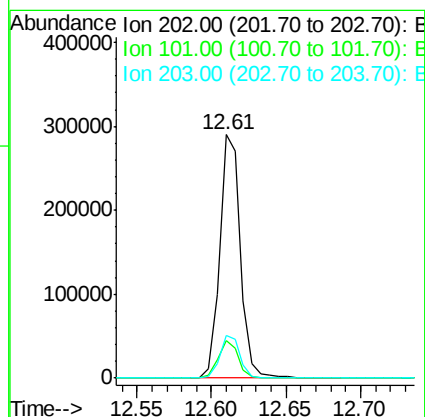
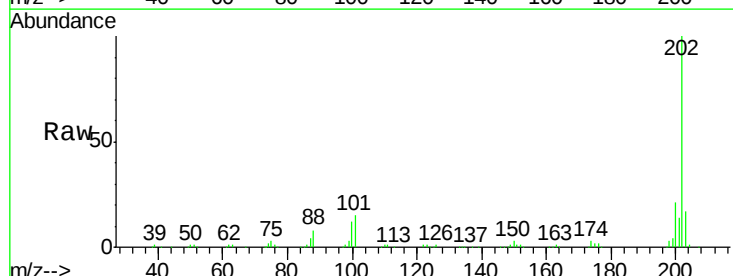
Instrument :
BNA_F
ClientSampled :

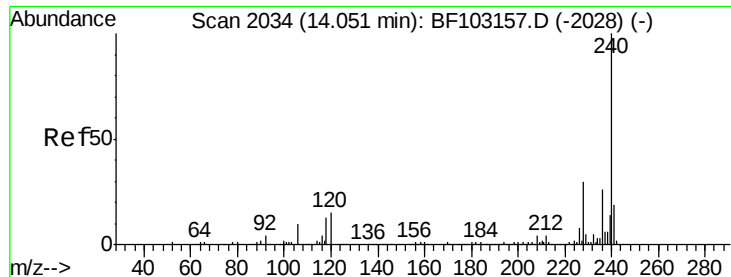
Tot Ion:149 Resp: 364711
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 8.386 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:202 Resp: 281275
Ion Ratio Lower Upper
202 100
101 15.2 0.0 34.1
203 17.5 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: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

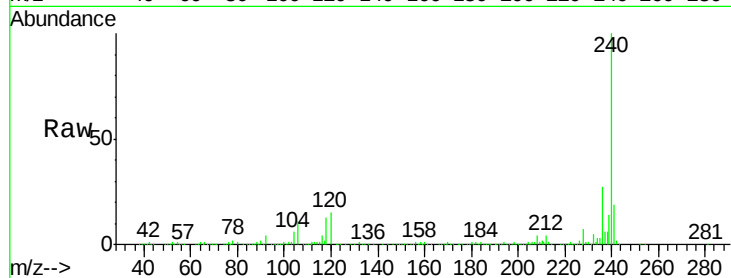
Tot Ion:240 Resp: 454201

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

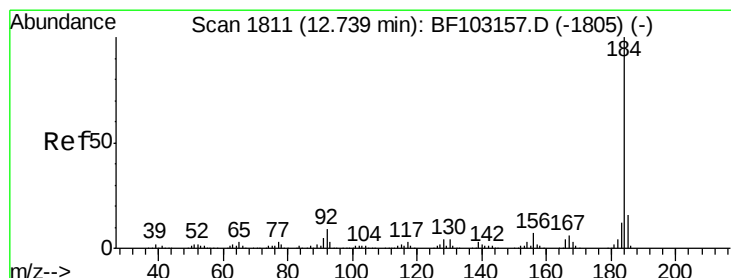
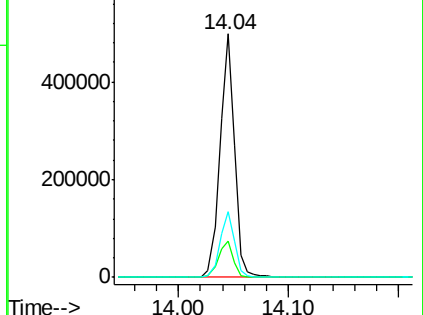
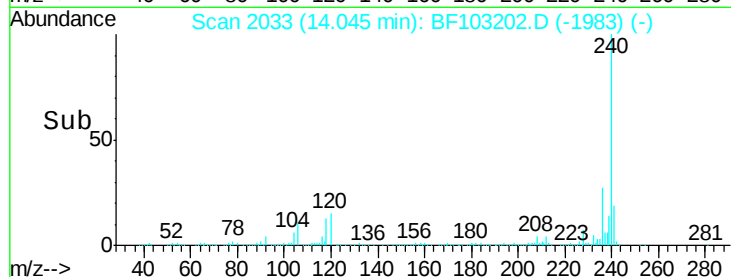
236 26.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.254 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

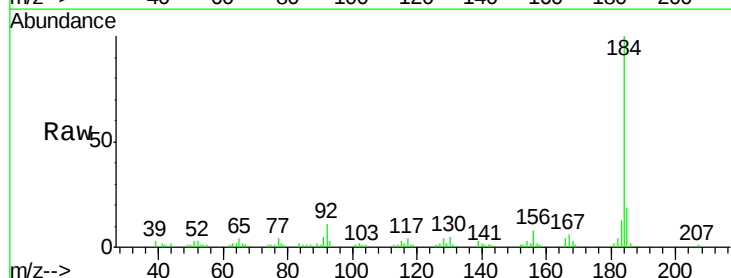
Tgt Ion:184 Resp: 72233

Ion Ratio Lower Upper

184 100

185 19.5 12.6 18.8#

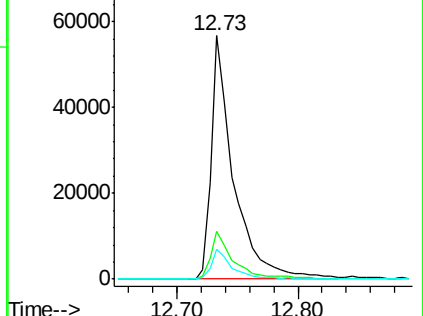
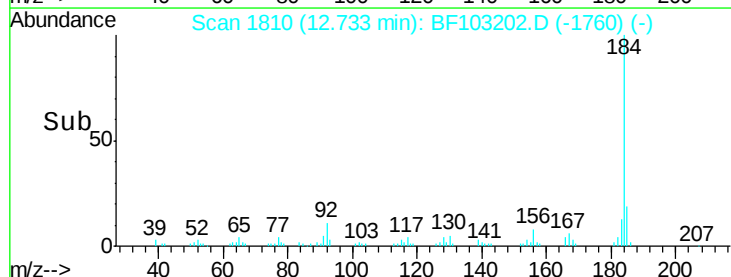
183 12.5 9.3 13.9

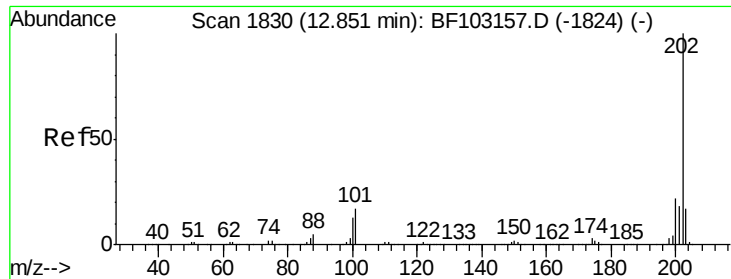


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

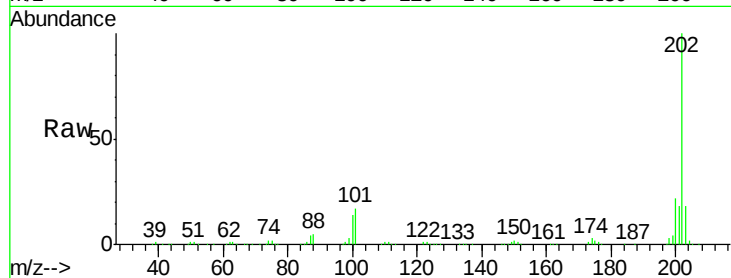




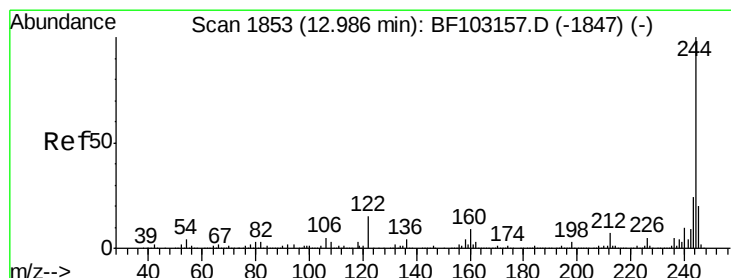
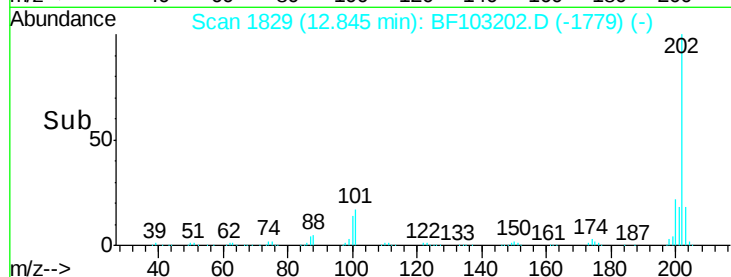
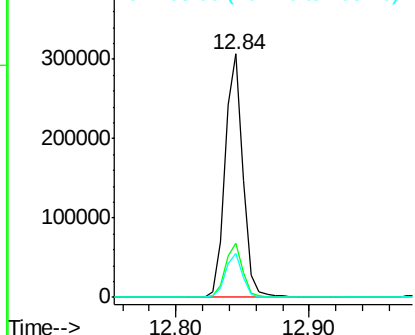
#77
Pvrene
Concen: 8.167 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.1	14.3	21.5

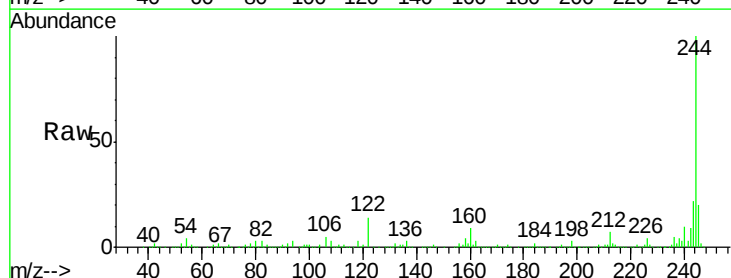


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

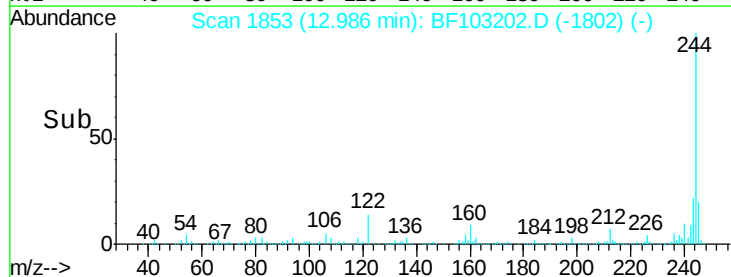
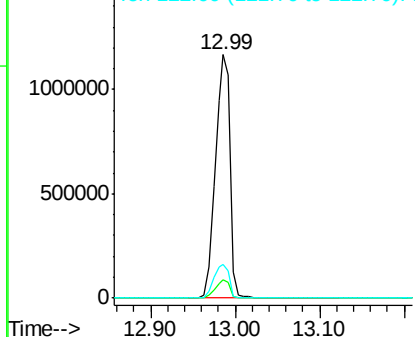


#78
Terphenyl-d14
Concen: 76.010 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	13.9	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

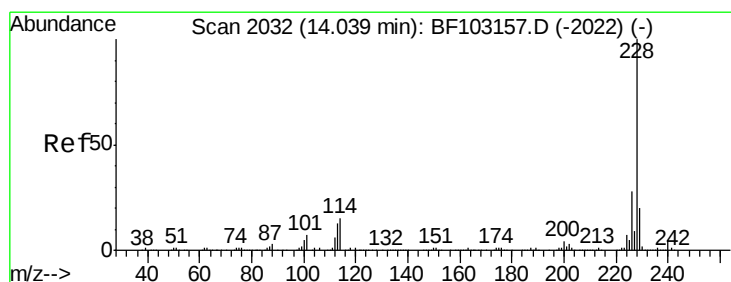
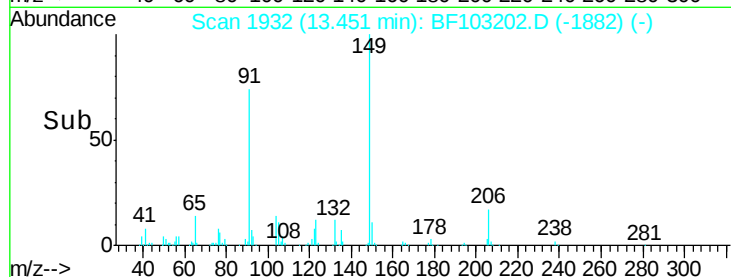
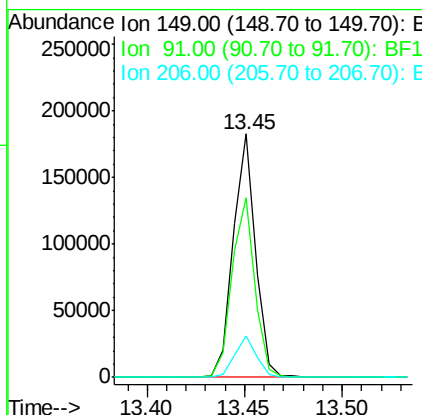
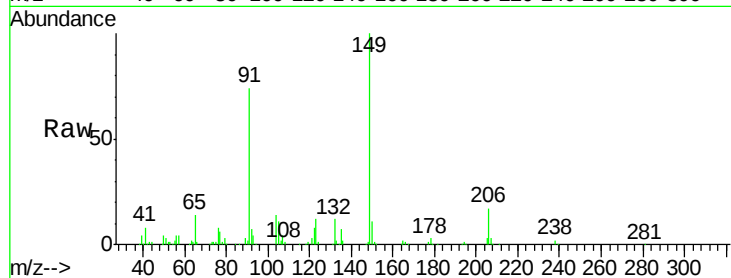




#79
Butylbenzylphthalate
Concen: 7.742 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

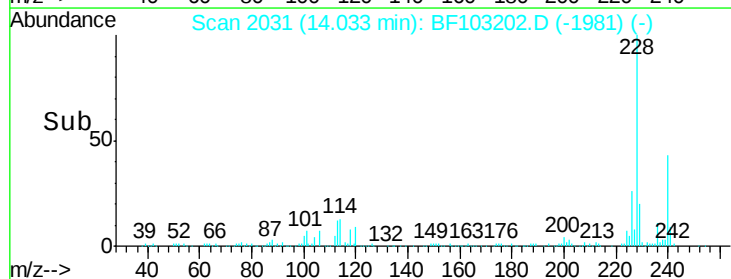
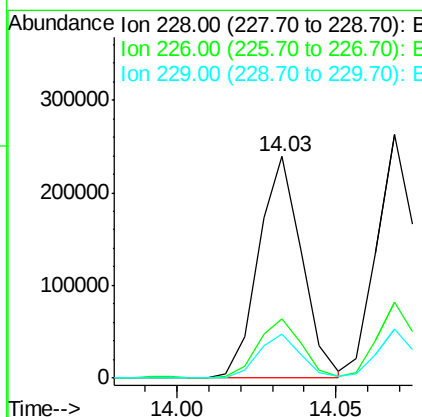
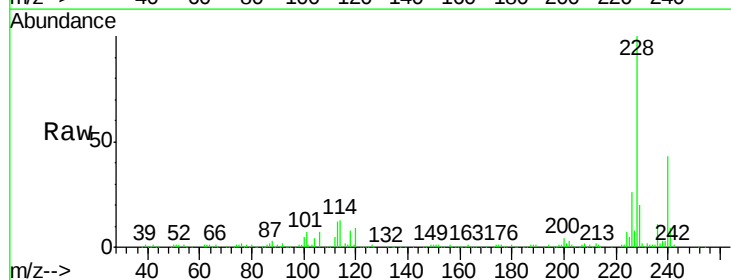
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	56.8	85.2
206	16.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 7.673 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	19.6	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 7.354 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampled :

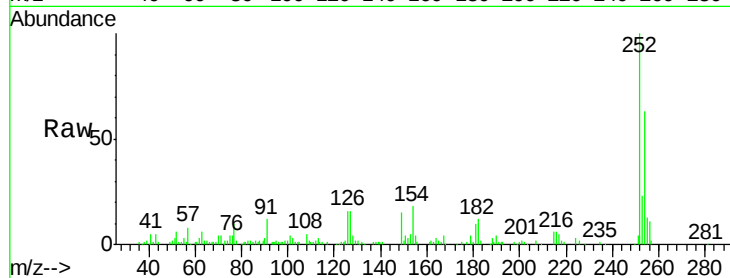
Tot Ion:252 Resp: 77343

Ion Ratio Lower Upper

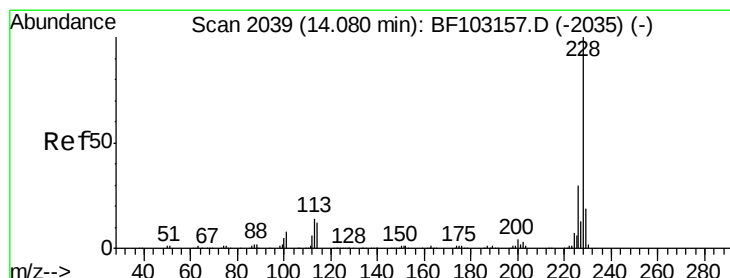
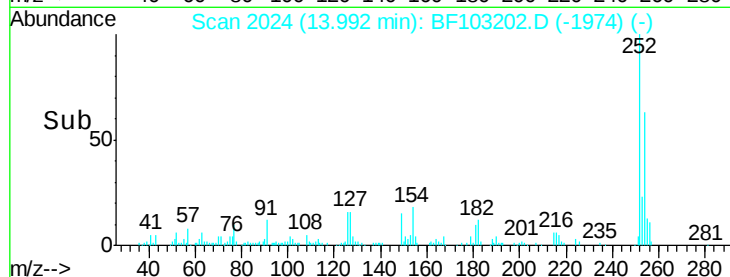
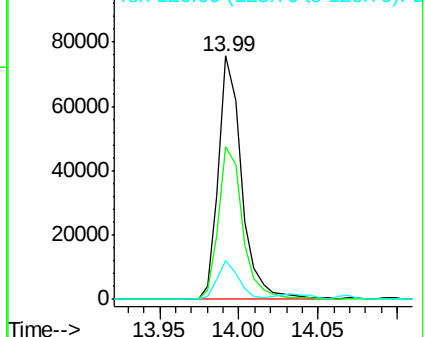
252 100

254 62.5 50.4 75.6

126 16.0 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 7.965 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

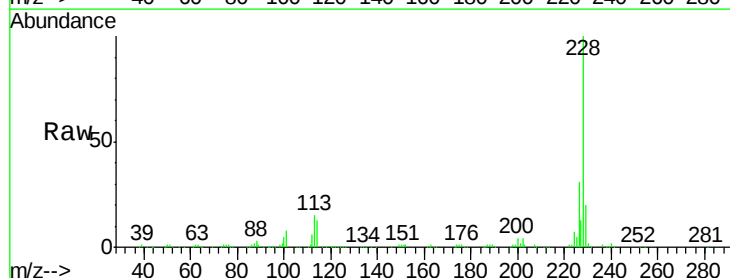
Tgt Ion:228 Resp: 227903

Ion Ratio Lower Upper

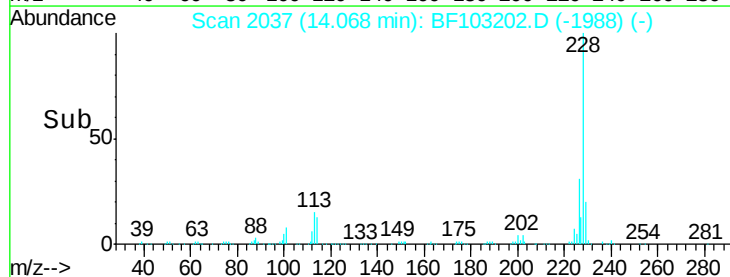
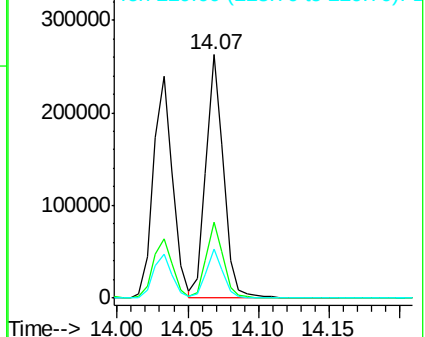
228 100

226 31.0 25.0 37.6

229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

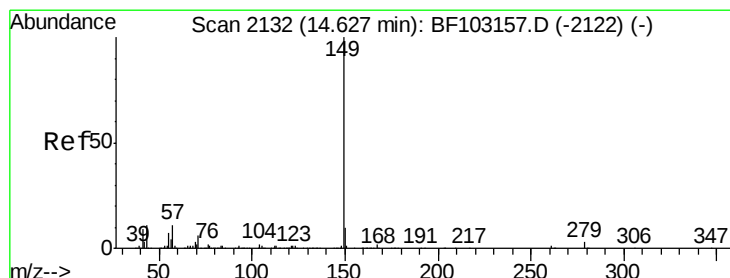
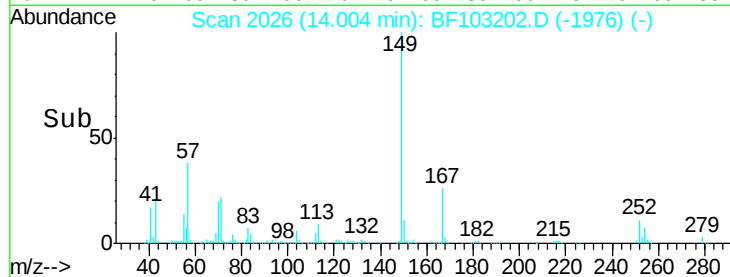
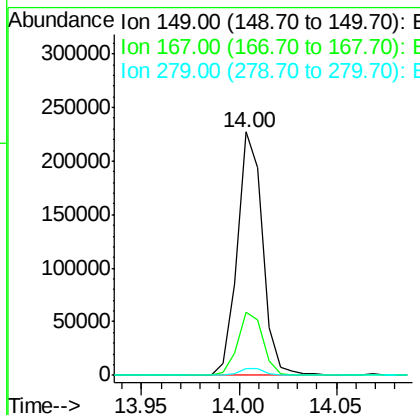
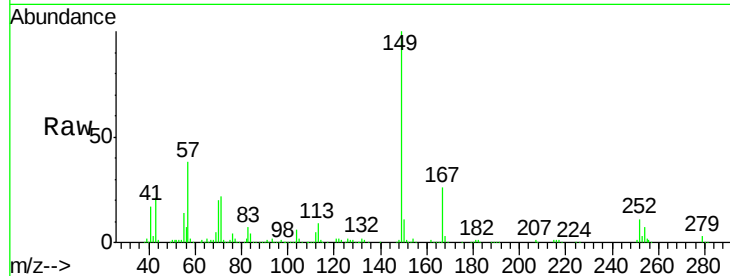




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.090 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

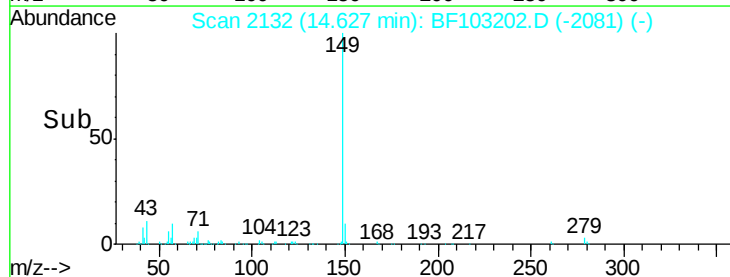
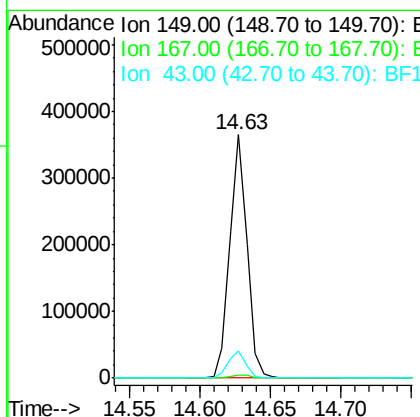
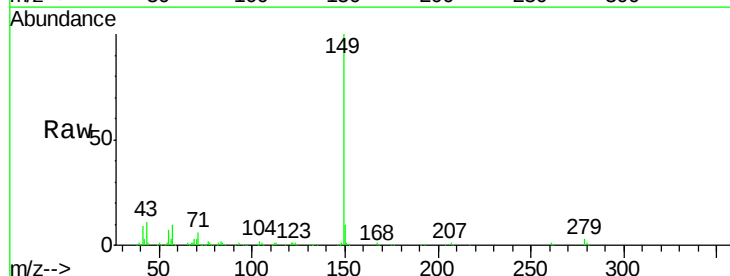
Instrument :
 BNA_F
 ClientSampleId :

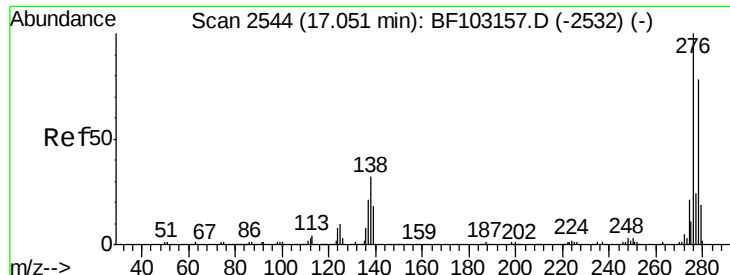
Tot Ion:149 Resp: 204245
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 7.640 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion:149 Resp: 311677
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.1 8.4 12.6

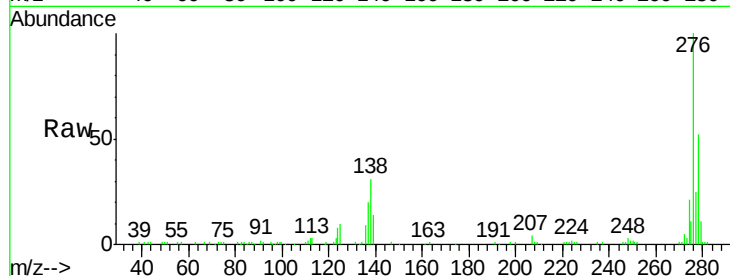




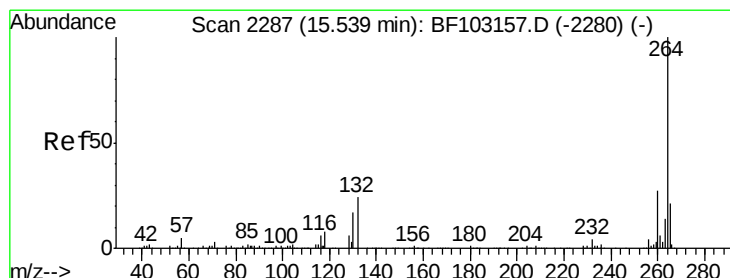
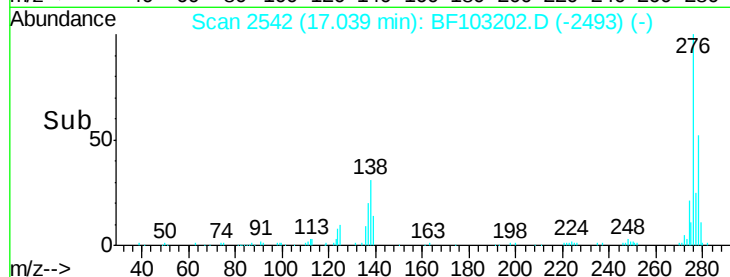
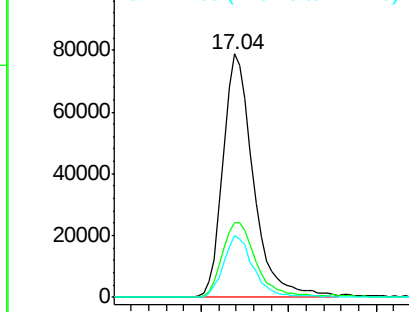
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.339 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 188905
Ion Ratio Lower Upper
276 100
138 34.4 25.0 37.6
277 24.8 20.1 30.1

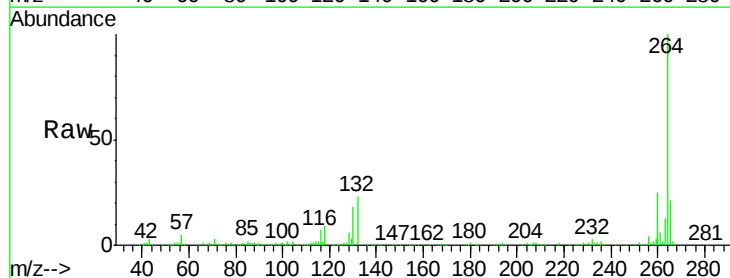


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

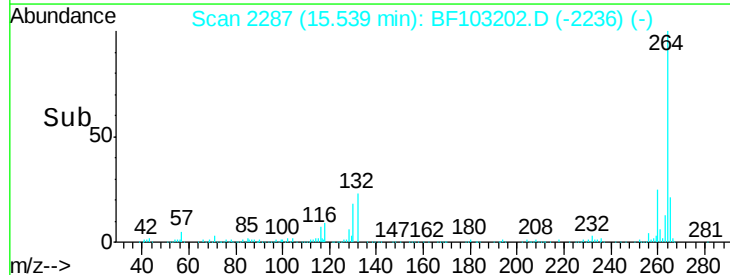
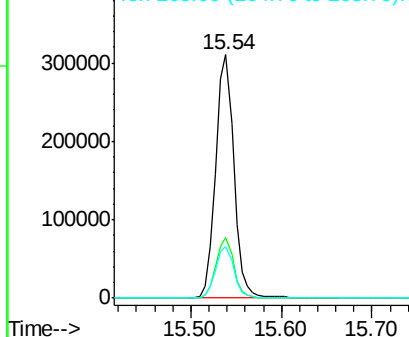


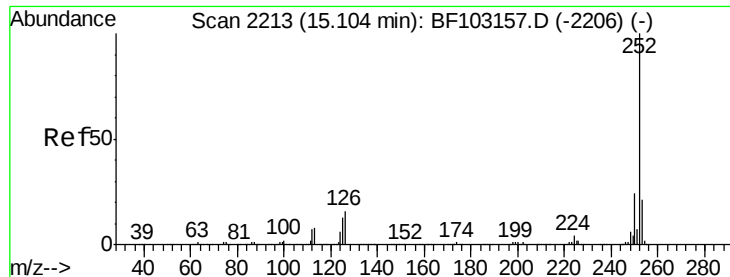
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:264 Resp: 433316
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.3 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

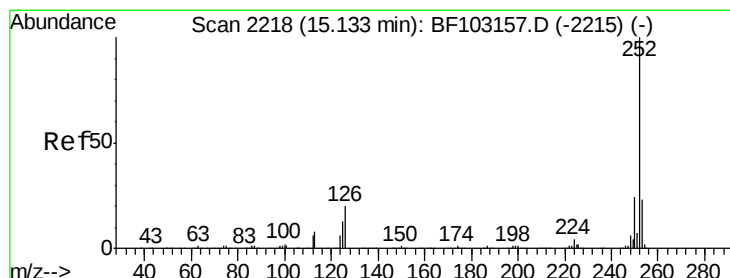
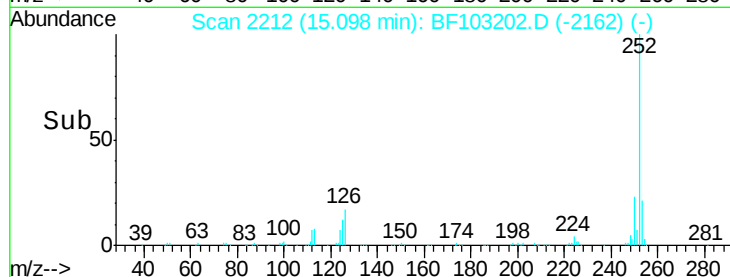
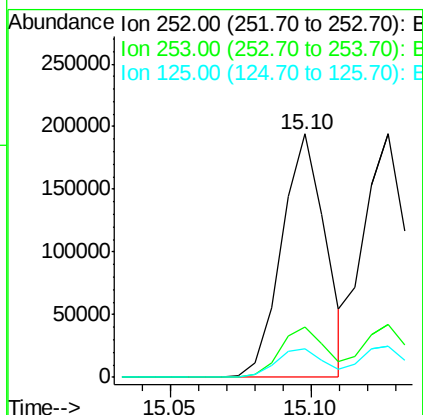
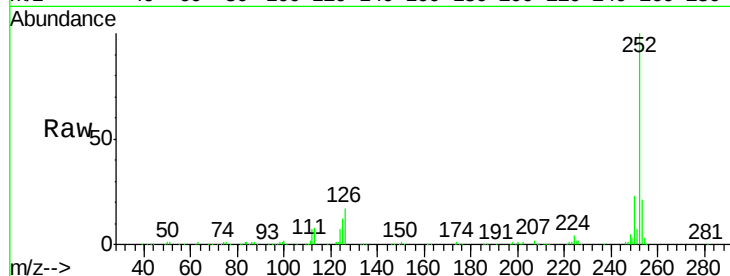




#87
Benzo(b)fluoranthene
Concen: 7.349 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

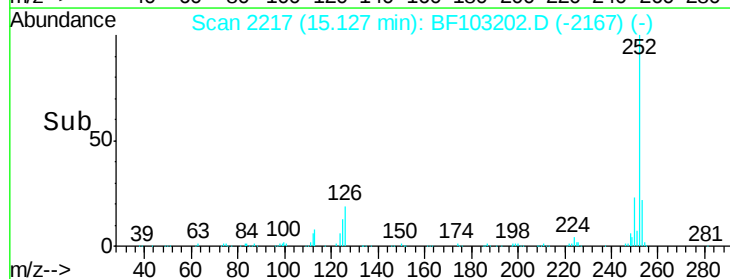
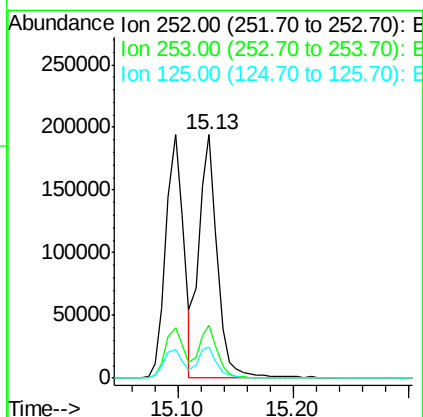
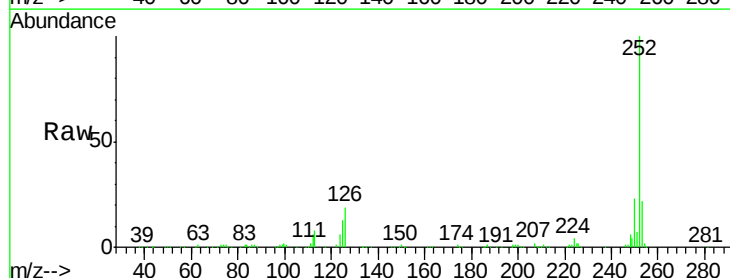
Instrument :
BNA_F
ClientSampleId :

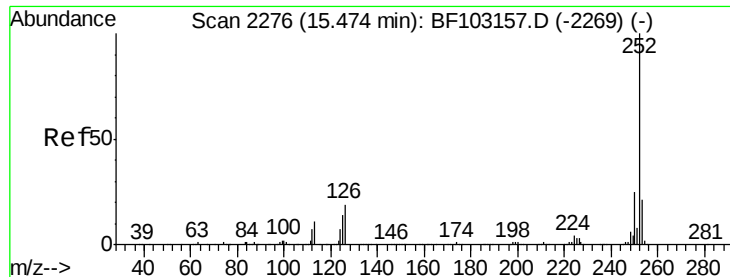
Tot Ion:252 Resp: 209370
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 8.066 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion:252 Resp: 216393
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.6 10.2 15.2

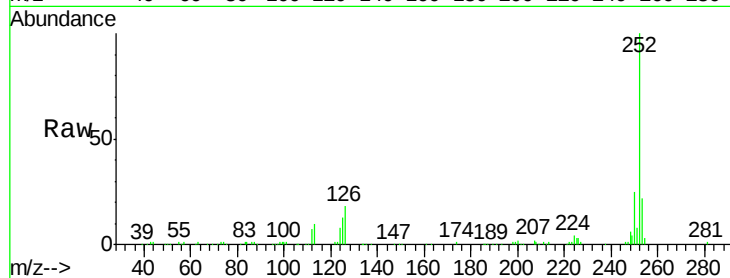




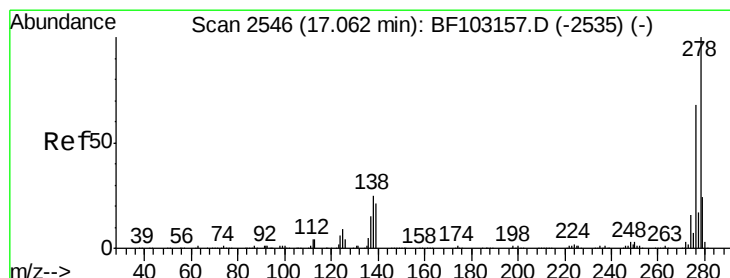
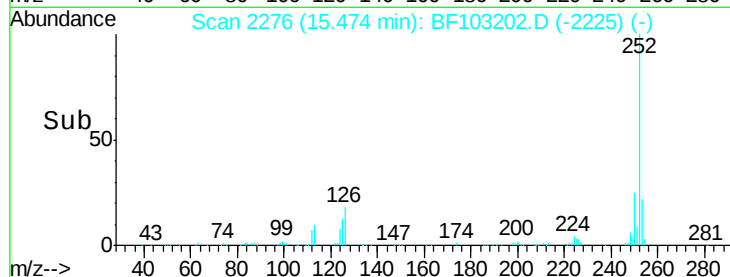
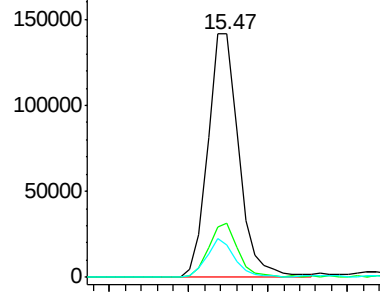
#89
Benzo(a)pyrene
Concen: 7.570 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.4	9.8	14.6

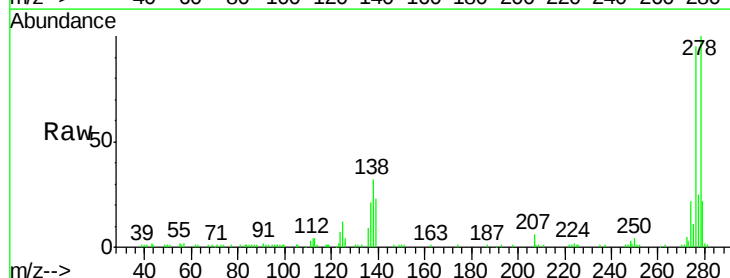


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

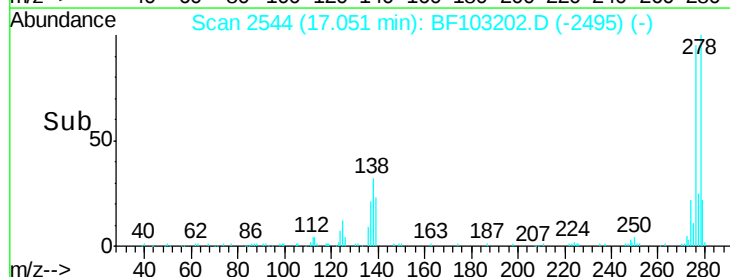
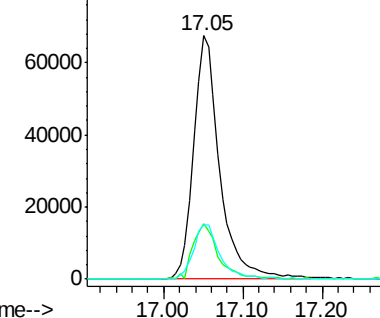


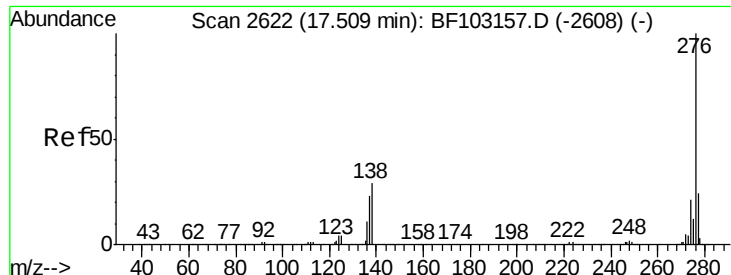
#90
Dibenzo(a,h)anthracene
Concen: 7.858 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	22.4	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 7.999 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

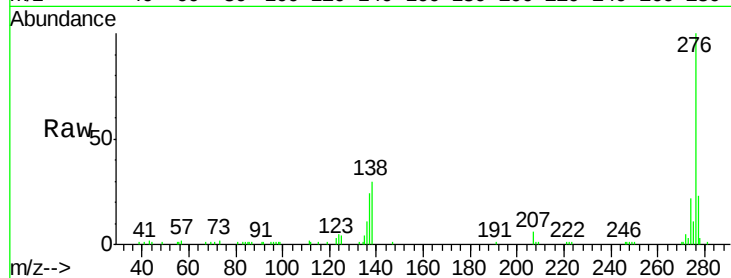
Tot Ion:276 Resp: 153689

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 30.2 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

