

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103192.D
 Acq On : 23 Feb 2018 11:59
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL-S-5ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 12:29:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173707	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	758804	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	355593	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	616880	20.00	ng	0.00
75) Chrysene-d12	14.04	240	461150	20.00	ng	0.00
86) Perylene-d12	15.54	264	443917	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1300789	113.26	ng	0.00
7) Phenol-d6	6.50	99	1589223	113.08	ng	0.00
23) Nitrobenzene-d5	7.44	82	1197593	90.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	356286	118.37	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1783224	86.81	ng	0.00
78) Terphenyl-d14	12.99	244	1461533	76.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	27010	4.453	ng	92
3) Pyridine	3.56	79	58203	3.594	ng	93
4) n-Nitrosodimethylamine	3.40	42	19578	2.998	ng	# 93
6) Aniline	6.54	93	102574	5.057	ng	95
8) 2-Chlorophenol	6.66	128	58669	4.917	ng	97
9) Benzaldehyde	6.43	77	35336	2.800	ng	94
10) Phenol	6.52	94	83219	5.101	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	67253	5.431	ng	92
12) 1,3-Dichlorobenzene	6.81	146	72188	5.294	ng	98
13) 1,4-Dichlorobenzene	6.89	146	71386	5.222	ng	99
14) 1,2-Dichlorobenzene	7.04	146	66318	5.261	ng	95
15) Benzyl Alcohol	7.01	79	68433	6.462	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	108269	5.092	ng	98
17) 2-Methylphenol	7.12	107	56042	5.169	ng	96
18) Hexachloroethane	7.38	117	25728	5.170	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	51459	5.883	ng	94
20) 3+4-Methylphenols	7.12	107	56042	4.240	ng	81
22) Acetophenone	7.27	105	102262	5.774	ng	# 92
24) Nitrobenzene	7.45	77	79451	5.431	ng	93
25) Isophorone	7.69	82	132473	5.062	ng	97
26) 2-Nitrophenol	7.77	139	32033	4.651	ng	96
27) 2,4-Dimethylphenol	7.80	122	49345	4.688	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	77539	5.040	ng	97
29) 2,4-Dichlorophenol	8.02	162	48327	4.795	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	54659	5.093	ng	96
31) Naphthalene	8.17	128	199886	5.381	ng	98
32) Benzoic acid	7.88	122	22692	9.401	ng	96
33) 4-Chloroaniline	8.23	127	81644	5.093	ng	98
34) Hexachlorobutadiene	8.29	225	29237	5.231	ng	94
35) Caprolactam	8.56	113	16654	4.702	ng	# 85
36) 4-Chloro-3-methylphenol	8.70	107	57013	5.015	ng	94
37) 2-Methylnaphthalene	8.86	142	132282	5.510	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	50094	5.153	ng	99
40) Hexachlorocyclopentadiene	9.02	237	3215	9.716	ng	97

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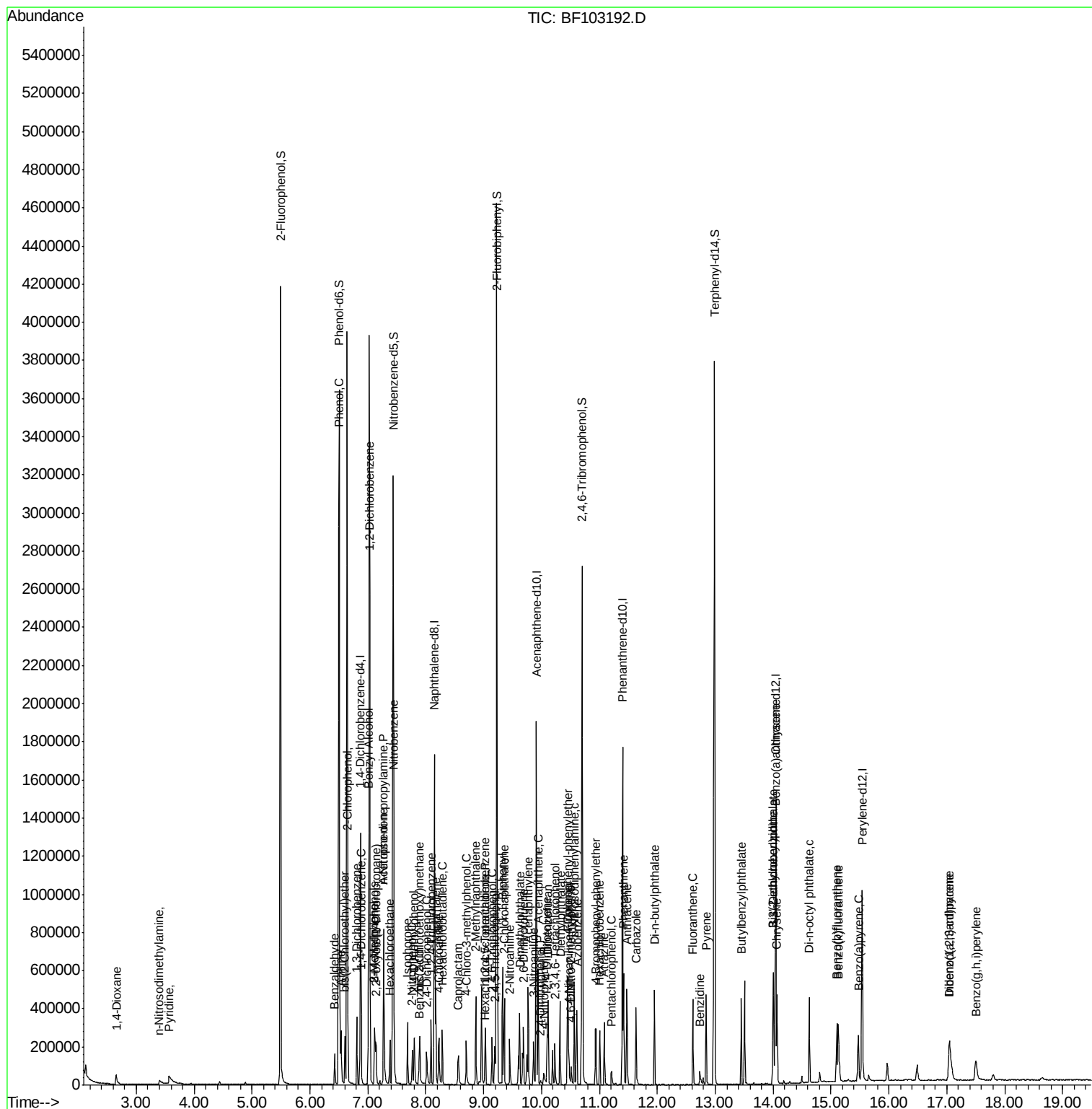
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	31003	4.740	nq	96
43) 2,4,5-Trichlorophenol	9.19	196	35991	4.784	nq	97
45) 1,1'-Biphenyl	9.33	154	166388	5.584	nq	98
46) 2-Chloronaphthalene	9.36	162	122667	5.204	nq	99
47) 2-Nitroaniline	9.45	65	41711	4.777	nq	# 82
48) Acenaphthylene	9.77	152	197874	5.456	nq	98
49) Dimethylphthalate	9.62	163	145472	5.100	nq	99
50) 2,6-Dinitrotoluene	9.69	165	29354	4.904	nq	# 80
51) Acenaphthene	9.94	154	119647	5.657	nq	98
52) 3-Nitroaniline	9.86	138	34365	4.525	nq	92
53) 2,4-Dinitrophenol	9.98	184	3733	11.140	nq	# 13
54) Dibenzofuran	10.12	168	168573	5.806	nq	97
55) 4-Nitrophenol	10.04	139	15956	3.390	nq	90
56) 2,4-Dinitrotoluene	10.10	165	38141	5.038	nq	95
57) Fluorene	10.46	166	134732	5.448	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	23394	4.629	nq	89
59) Diethylphthalate	10.32	149	148153	5.430	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	57307	5.464	nq	96
61) 4-Nitroaniline	10.47	138	34147	4.501	nq	96
62) Azobenzene	10.61	77	152743	5.500	nq	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	11344	7.656	nq	85
65) n-Nitrosodiphenylamine	10.56	169	114356	5.324	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	33366	5.192	nq	94
67) Hexachlorobenzene	11.01	284	36003	5.162	nq	93
68) Atrazine	11.09	200	30761	4.765	nq	95
69) Pentachlorophenol	11.21	266	11868	3.519	nq	93
70) Phenanthrene	11.42	178	184139	5.424	nq	99
71) Anthracene	11.47	178	186737	5.364	nq	98
72) Carbazole	11.63	167	180858	5.217	nq	98
73) Di-n-butylphthalate	11.95	149	230546	5.315	nq	99
74) Fluoranthene	12.62	202	182502	5.350	nq	98
76) Benzidine	12.73	184	41385	2.400	nq	# 93
77) Pyrene	12.84	202	189643	5.275	nq	98
79) Butylbenzylphthalate	13.45	149	87845	4.624	nq	95
80) Benzo(a)anthracene	14.03	228	144524	4.830	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	49586	4.644	nq	99
82) Chrysene	14.07	228	146742	5.051	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	129280	5.043	nq	# 96
84) Di-n-octyl phthalate	14.63	149	197169	4.761	nq	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	123477	5.368	nq	96
87) Benzo(b)fluoranthene	15.10	252	130226	4.462	nq	100
88) Benzo(k)fluoranthene	15.13	252	139046	5.059	nq	99
89) Benzo(a)pyrene	15.47	252	123770	4.749	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	100326	4.981	nq	96
91) Benzo(g,h,i)perylene	17.50	276	103443	5.255	nq	97

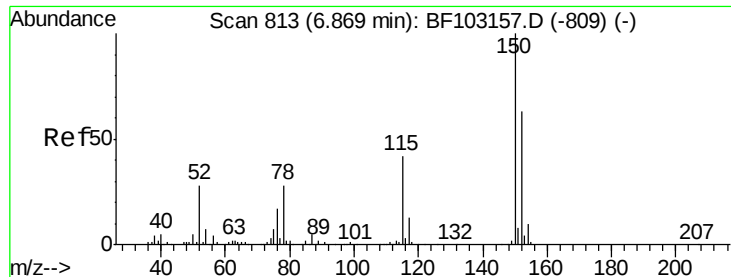
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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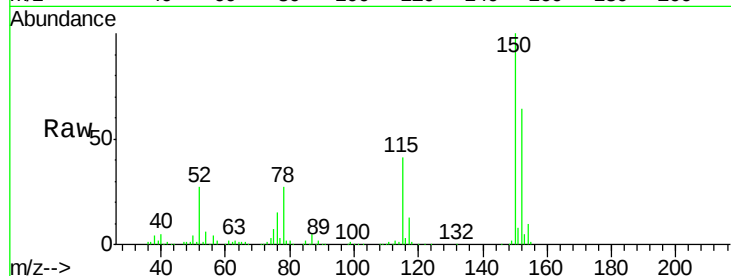


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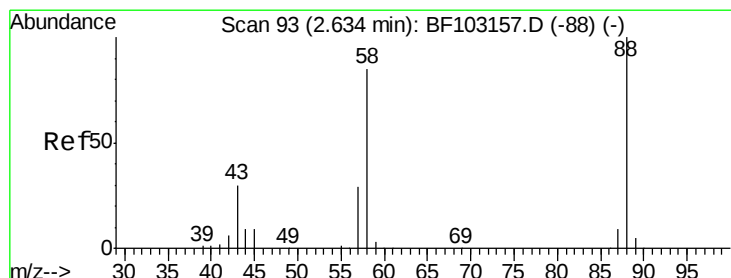
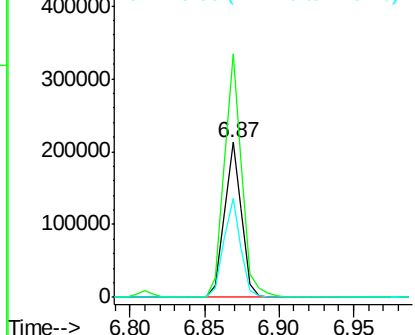
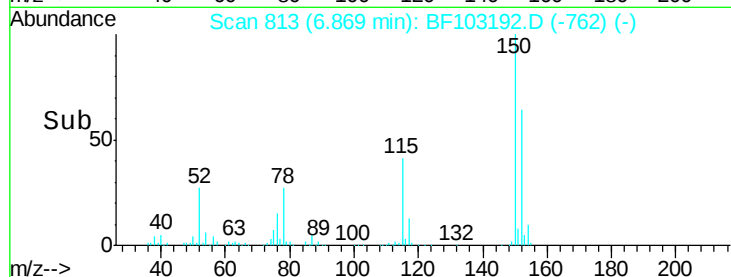
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	64.1	50.1	75.1



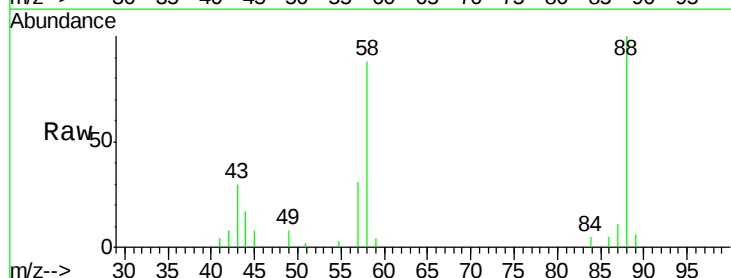
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



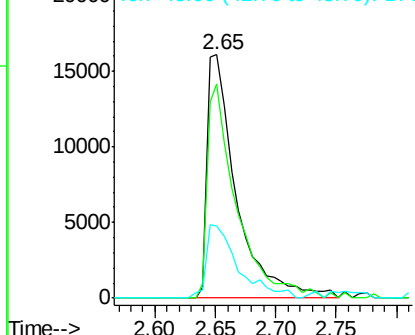
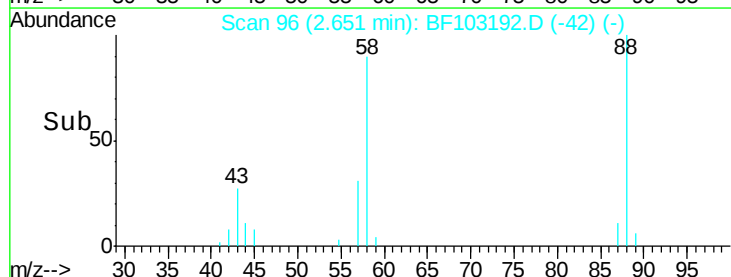
#2

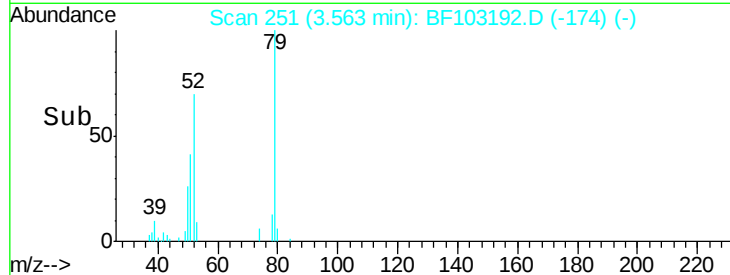
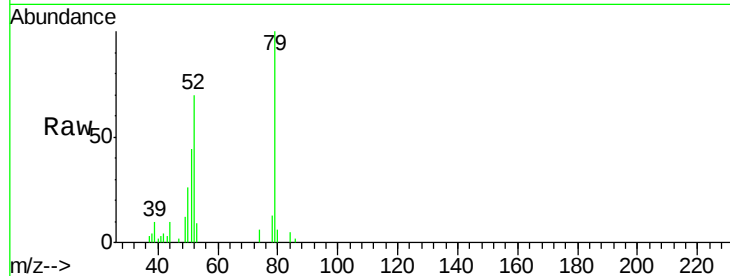
1,4-Dioxane
Concen: 4.453 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	62.6	93.8
43	32.7	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

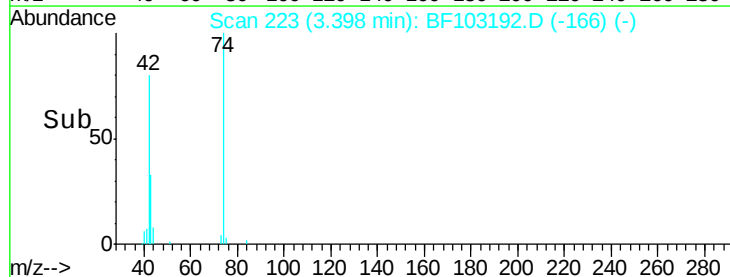
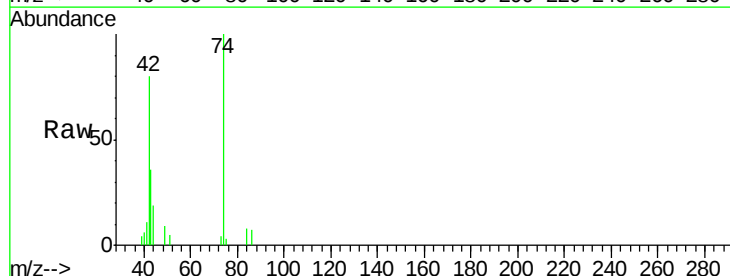
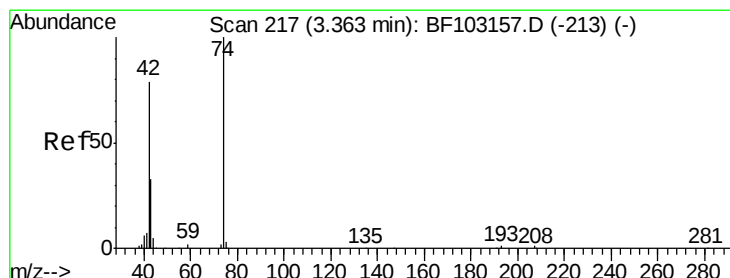
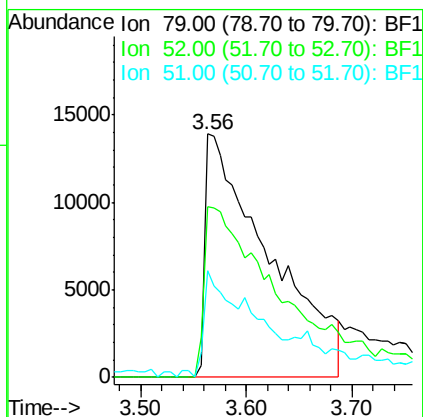




#3
Pvridine
Concen: 3.594 ng
RT: 3.56 min Scan# 251
Delta R.T. 0.15 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

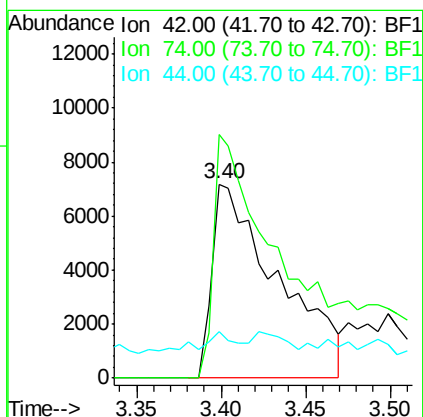
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.0	59.8	89.6
51	43.6	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 2.998 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.04 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.6	104.9	157.3
44	23.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 113.257 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

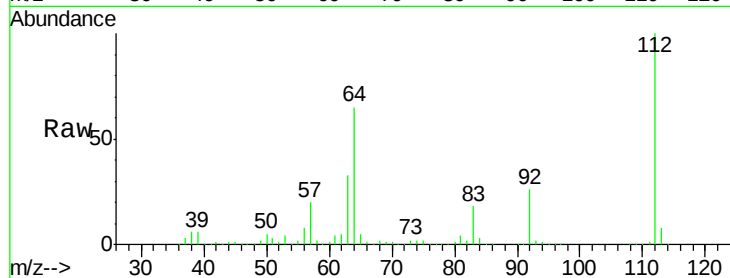
Tot Ion: 112 Resp: 1300789

Ion Ratio Lower Upper

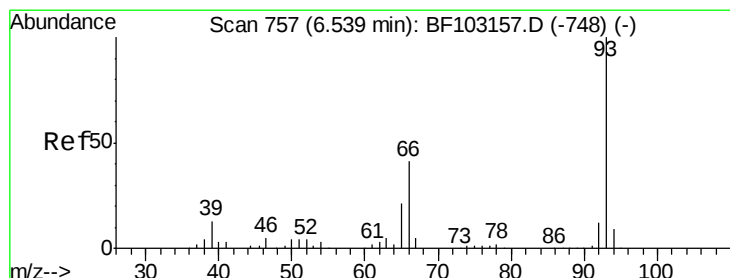
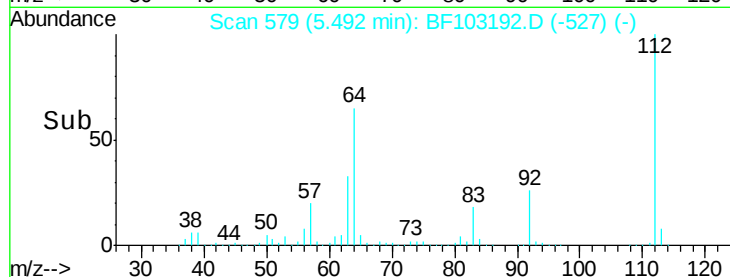
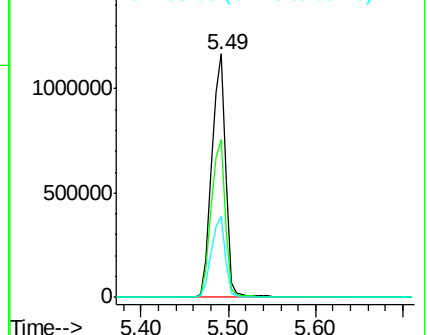
112 100

64 65.0 47.9 71.9

63 33.4 23.7 35.5



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



#6

Aniline

Concen: 5.057 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

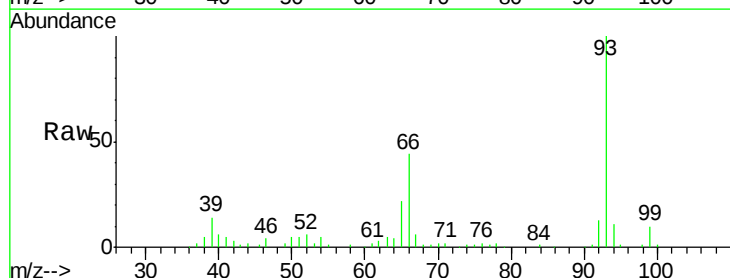
Tgt Ion: 93 Resp: 102574

Ion Ratio Lower Upper

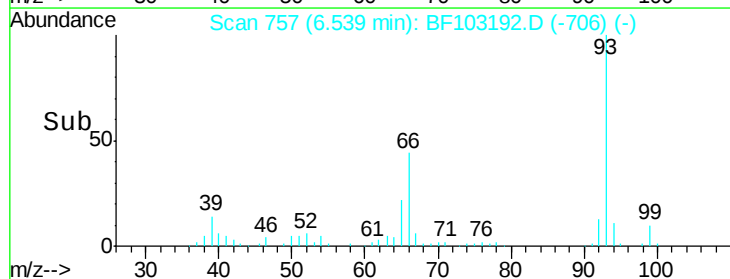
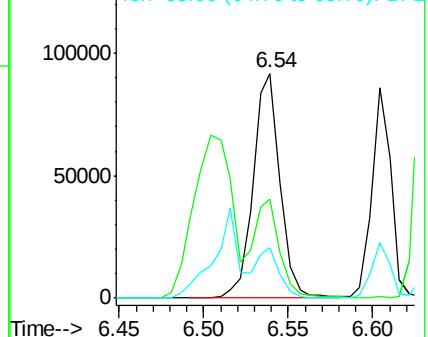
93 100

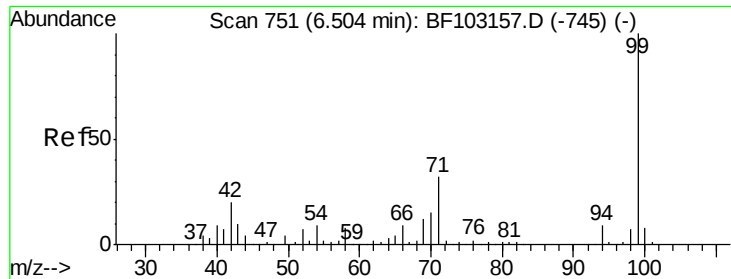
66 43.8 32.2 48.2

65 22.1 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.080 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

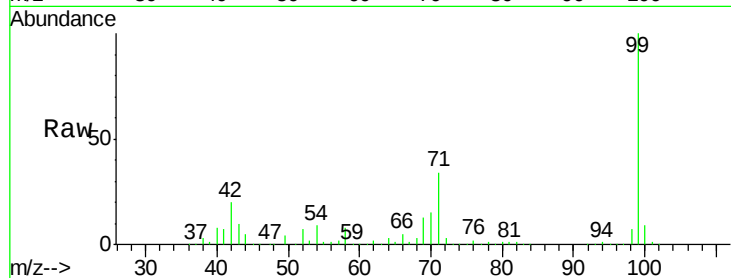
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1589223

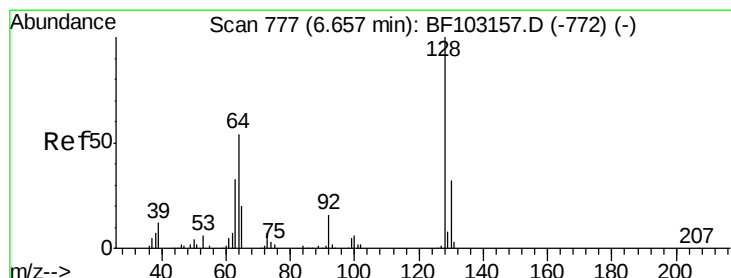
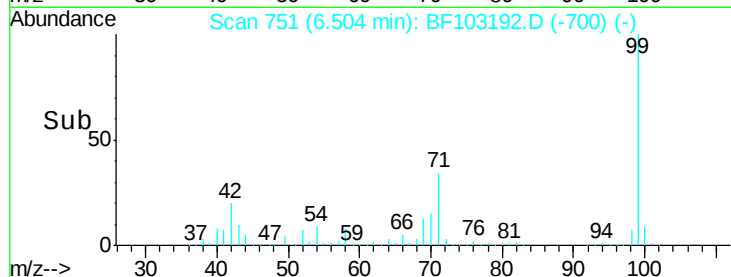
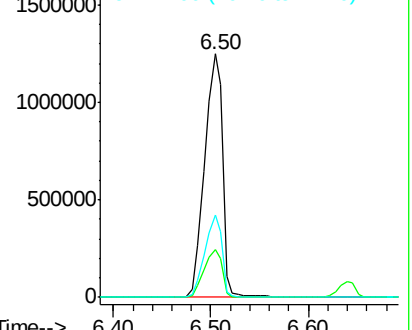
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.8	25.4	38.0



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: 4.917 ng

RT: 6.66 min Scan# 777

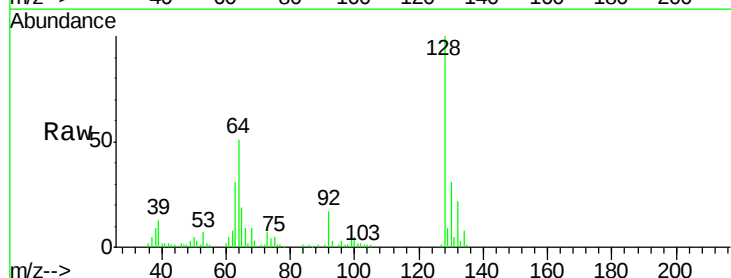
Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:128 Resp: 58669

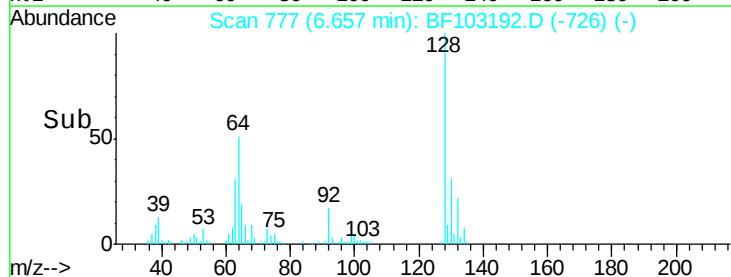
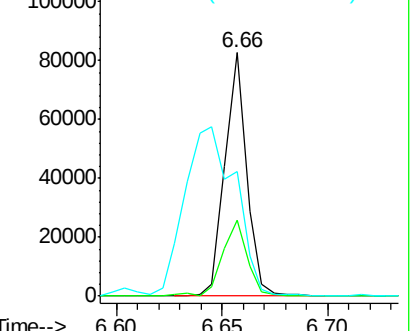
Ion	Ratio	Lower	Upper
128	100		
130	31.2	13.0	53.0
64	50.9	29.4	69.4

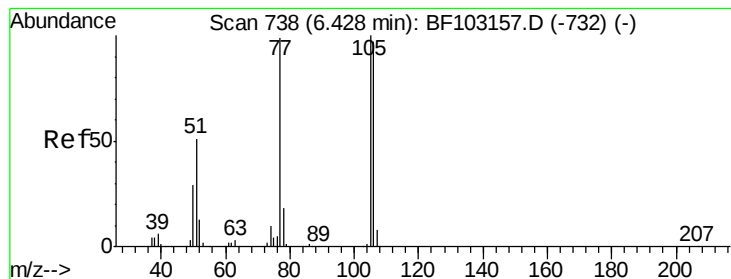


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.800 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103192.D

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BNA_F

ClientSampled :

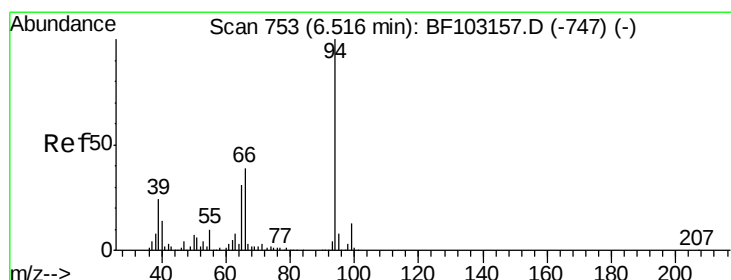
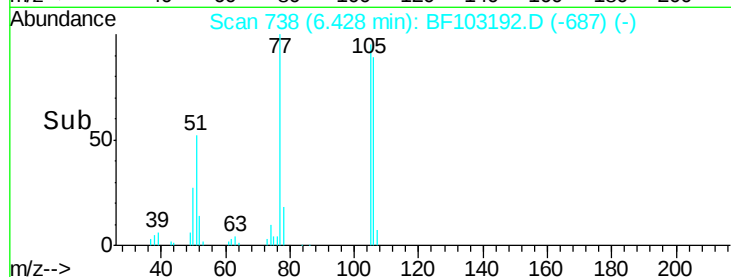
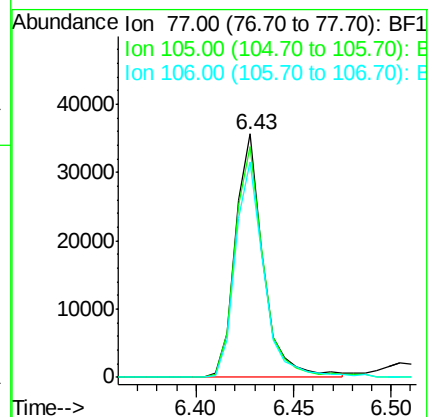
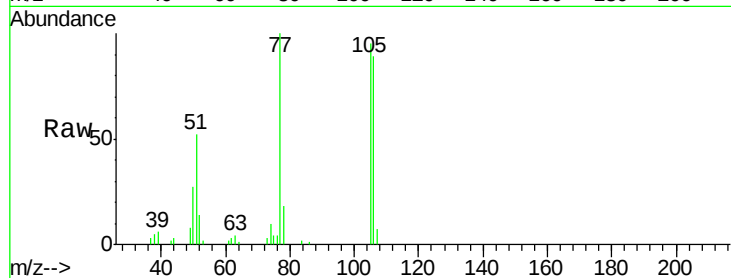
Tot Ion: 77 Resp: 35336

Ion Ratio Lower Upper

77 100

105 94.8 81.1 121.1

106 88.6 74.5 114.5



#10

Phenol

Concen: 5.101 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

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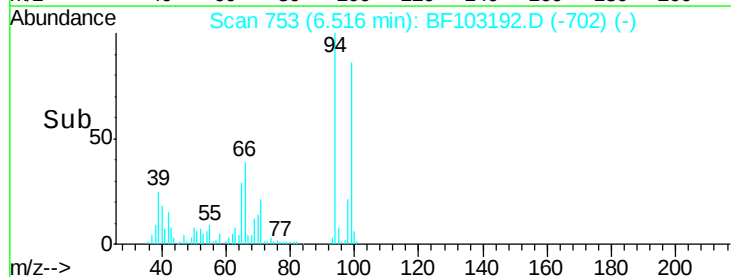
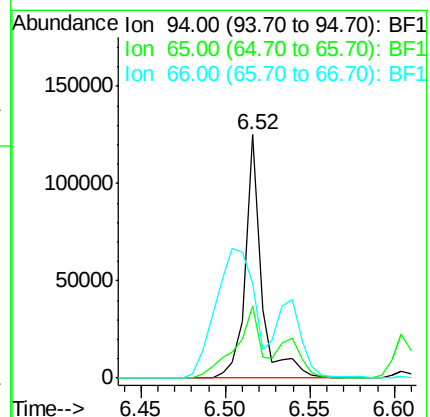
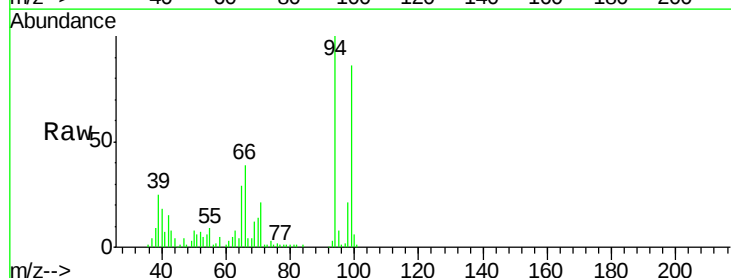
Tgt Ion: 94 Resp: 83219

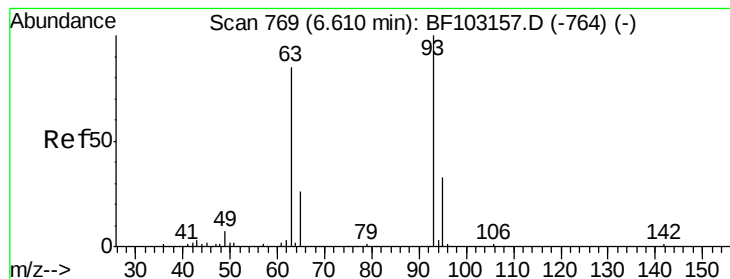
Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

66 38.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 5.431 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampled :

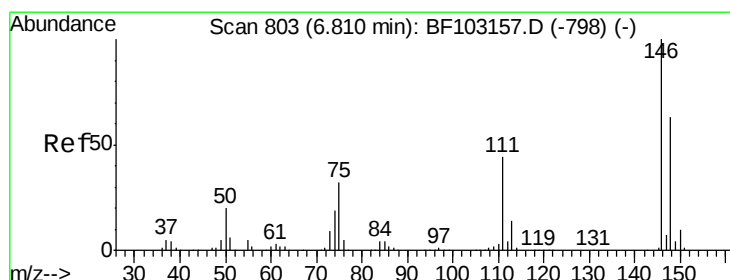
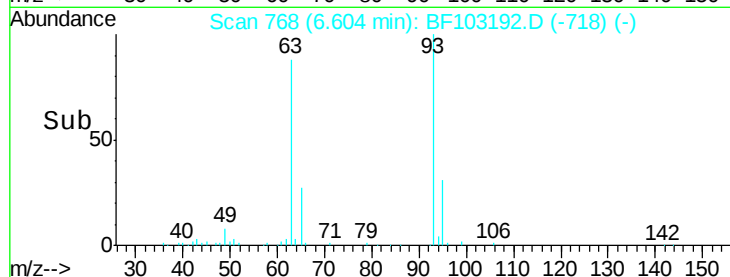
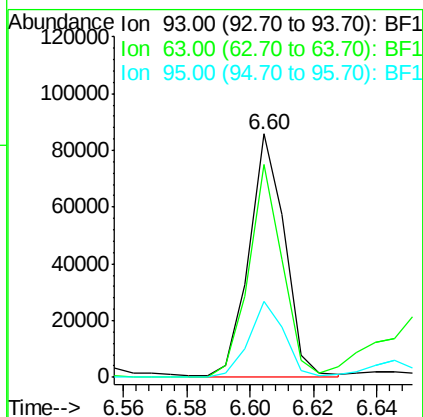
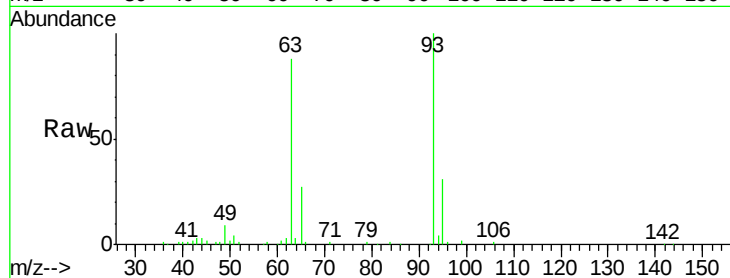
Tot Ion: 93 Resp: 67253

Ion Ratio Lower Upper

93 100

63 87.7 58.6 98.6

95 31.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 5.294 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

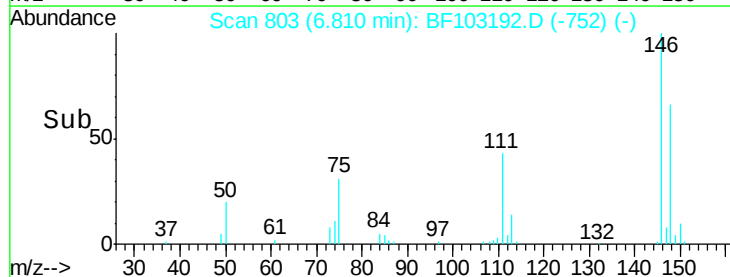
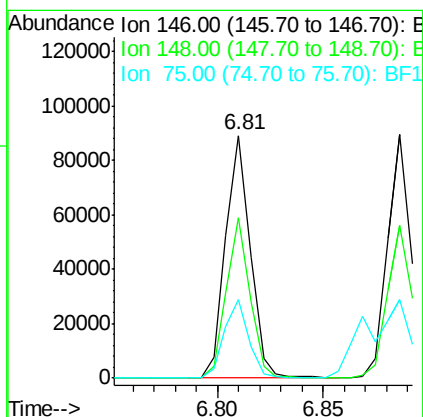
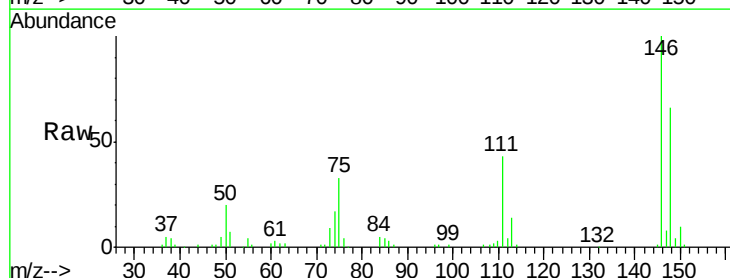
Tgt Ion: 146 Resp: 72188

Ion Ratio Lower Upper

146 100

148 66.1 51.8 77.8

75 32.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 5.222 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampled :

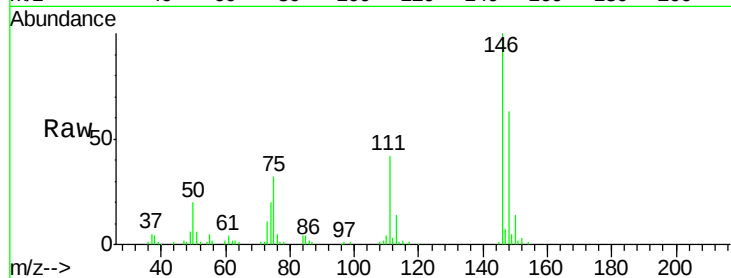
Tot Ion:146 Resp: 71386

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

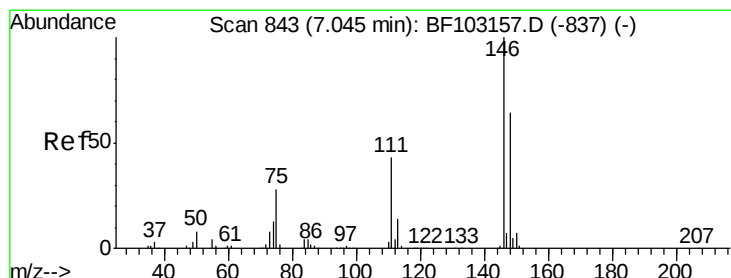
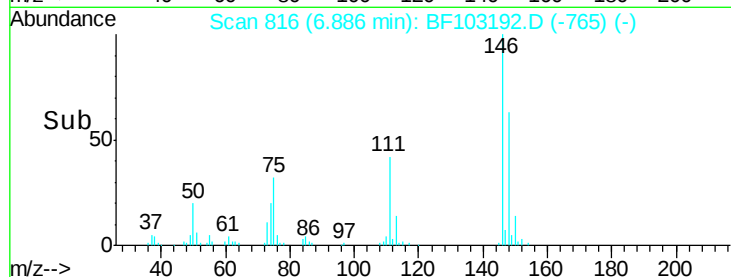
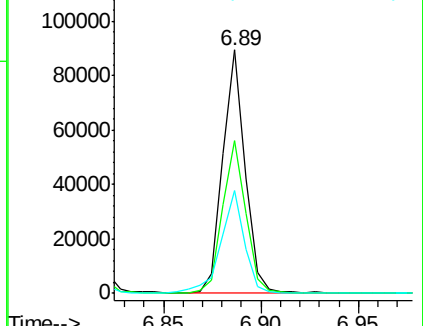
111 42.1 34.2 51.2



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: 5.261 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

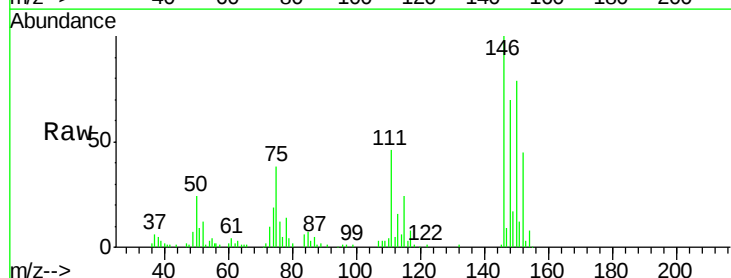
Tgt Ion:146 Resp: 66318

Ion Ratio Lower Upper

146 100

148 69.6 50.6 75.8

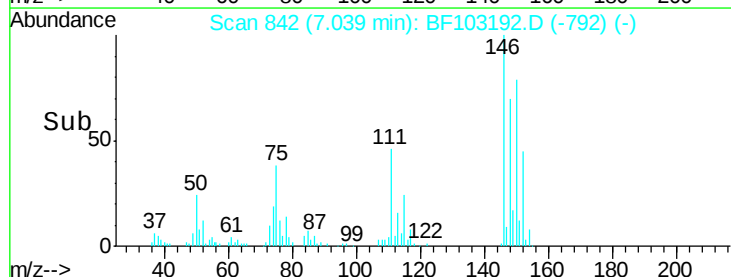
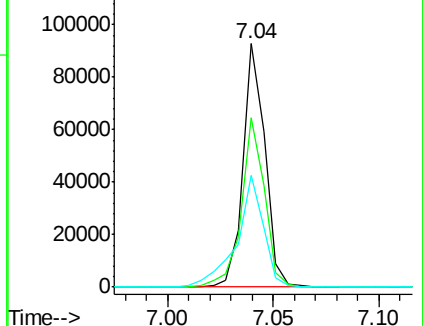
111 45.9 36.0 54.0

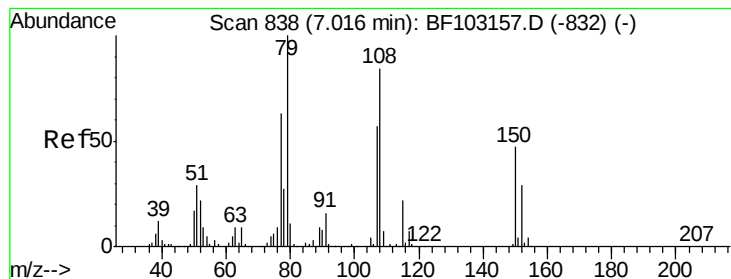


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.462 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

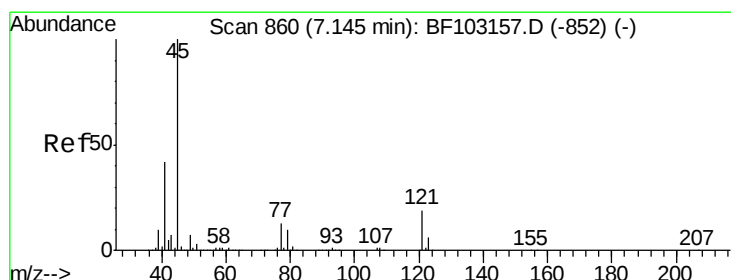
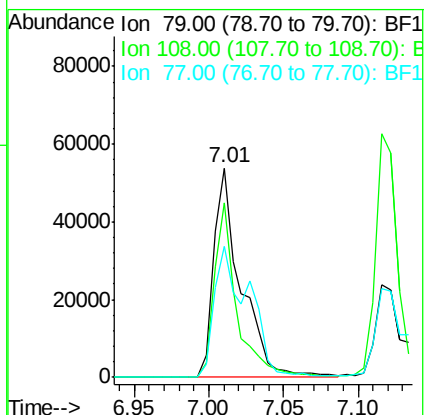
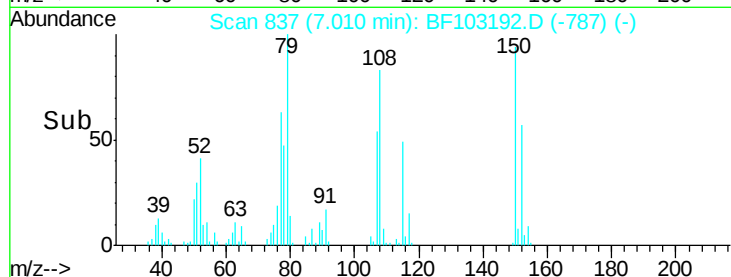
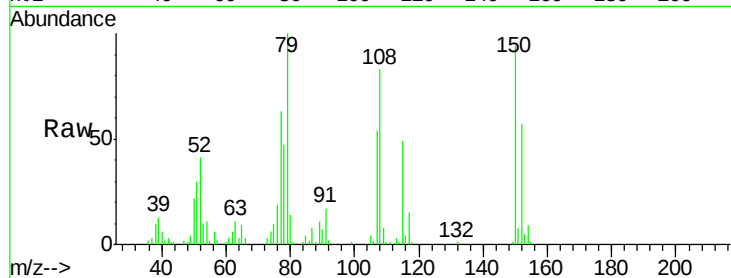
Tot Ion: 79 Resp: 68433

Ion Ratio Lower Upper

79 100

108 83.3 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.092 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

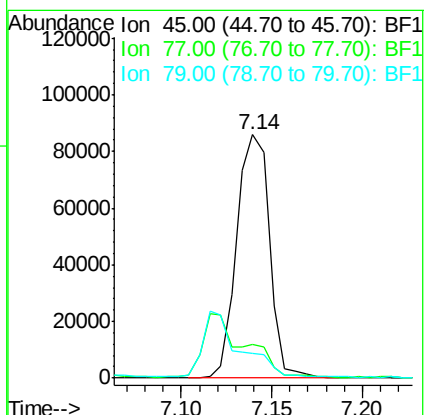
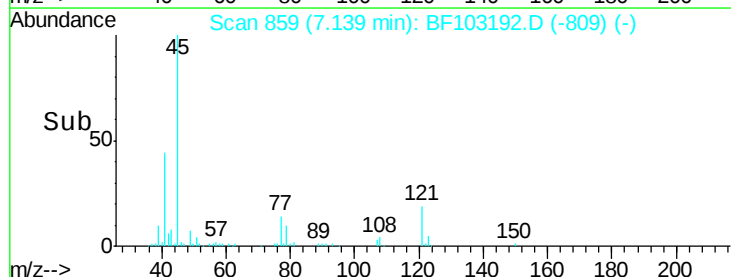
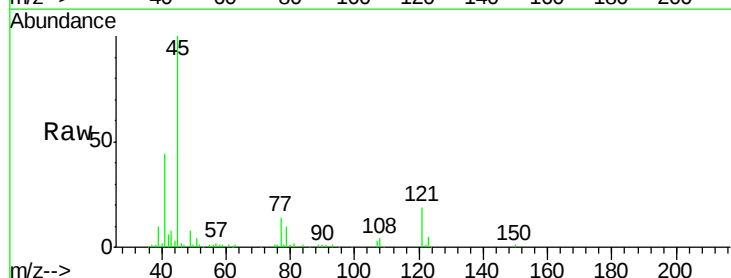
Tgt Ion: 45 Resp: 108269

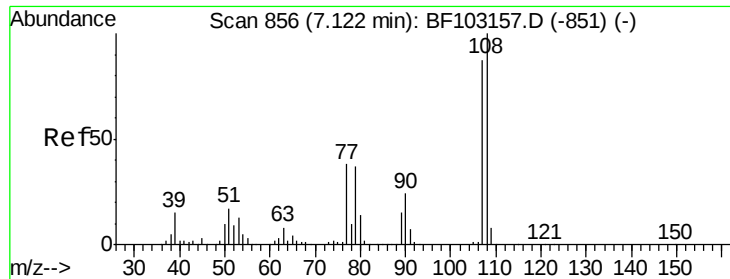
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 10.2 0.0 29.6





#17

2-Methylphenol

Concen: 5.169 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 56042

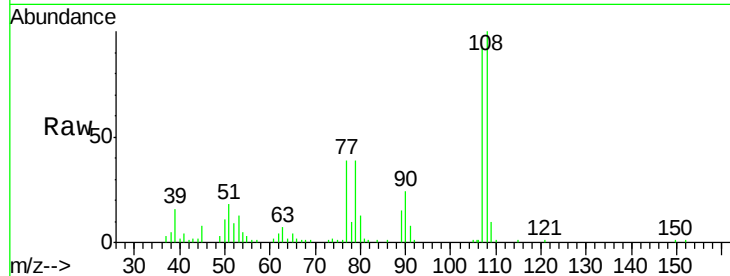
Ion Ratio Lower Upper

107 100

108 107.6 91.7 137.5

77 41.5 33.8 50.8

79 41.7 33.8 50.8

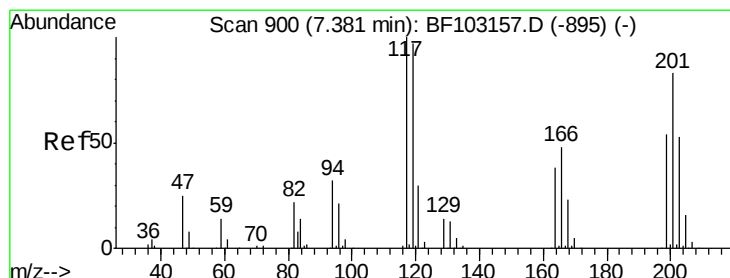
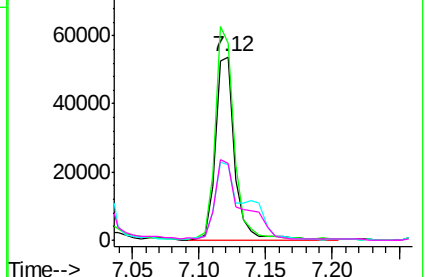
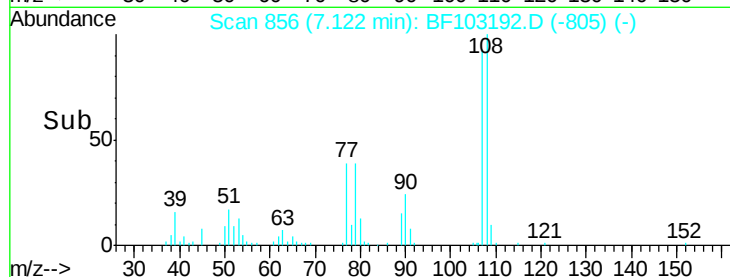


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 5.170 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

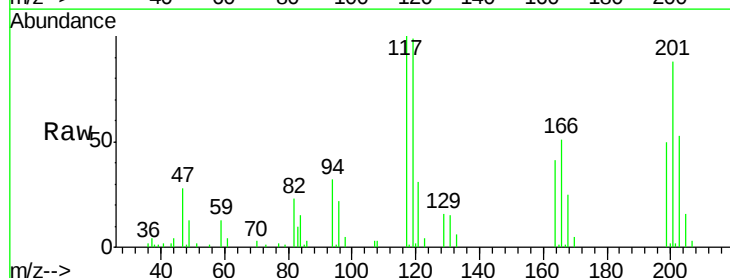
Tgt Ion:117 Resp: 25728

Ion Ratio Lower Upper

117 100

119 98.7 75.8 113.8

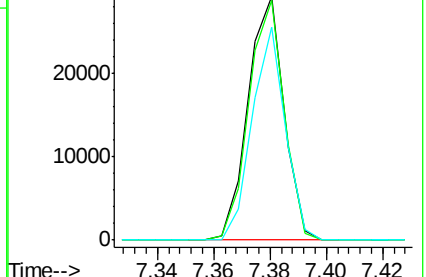
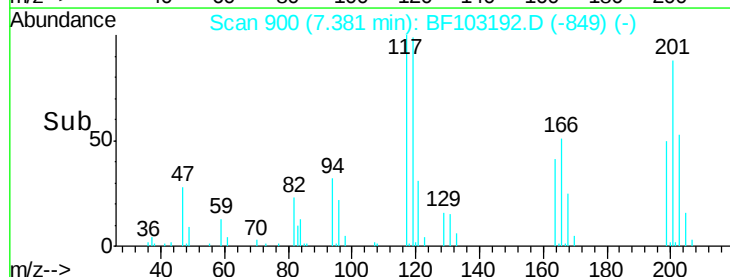
201 89.7 75.7 113.5

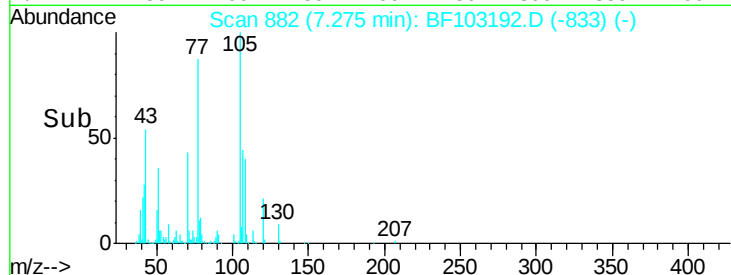
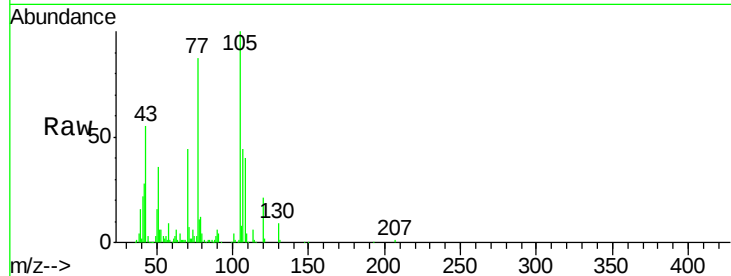


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

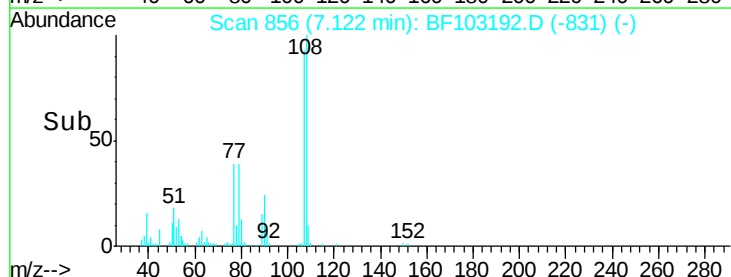
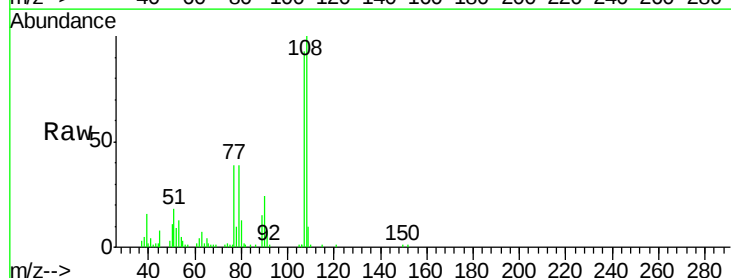
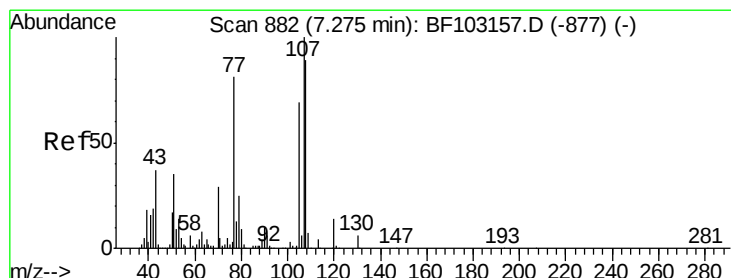
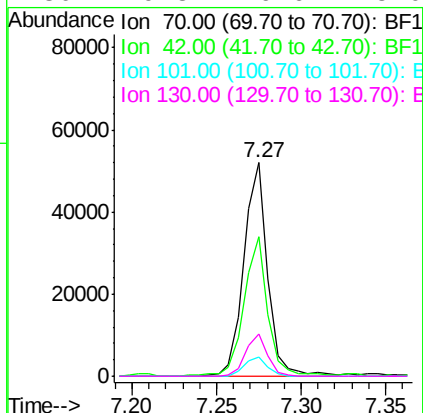




#19
n-Nitroso-di-n-propylamine
Concen: 5.883 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

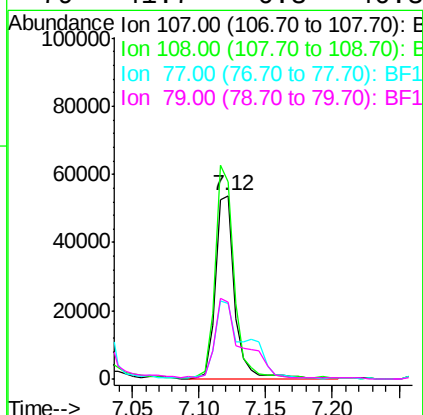
Instrument :
BNA_F
ClientSampleId :

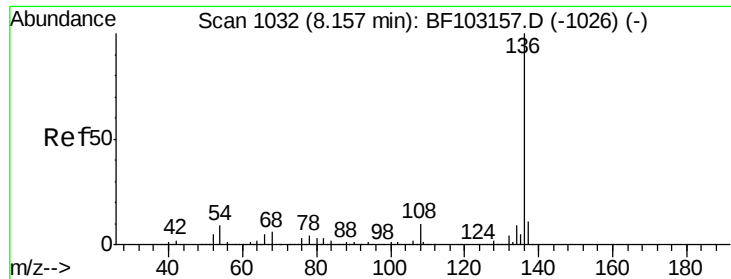
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.5	71.3
101	9.1	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 4.240 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.15 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.6	68.2	108.2
77	41.5	26.7	66.7
79	41.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 758804

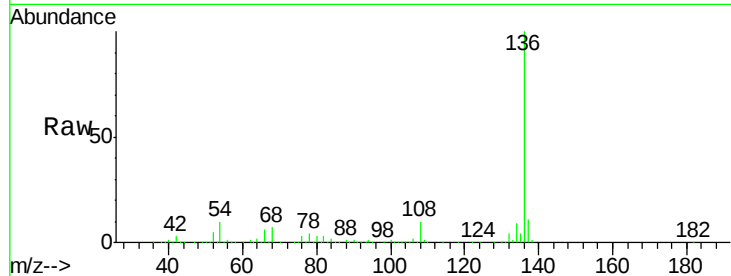
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.8 6.6 9.8

68 6.9 5.0 7.4

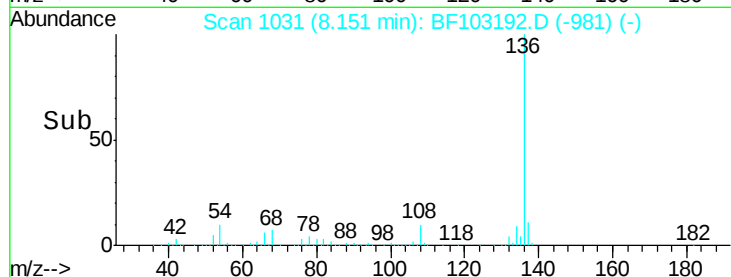


Abundance Ion 136.00 (135.70 to 136.70): E

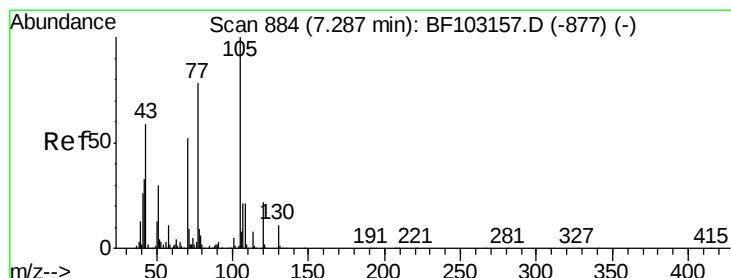
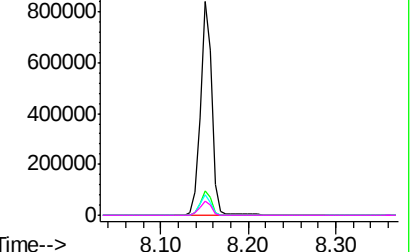
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 5.774 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:105 Resp: 102262

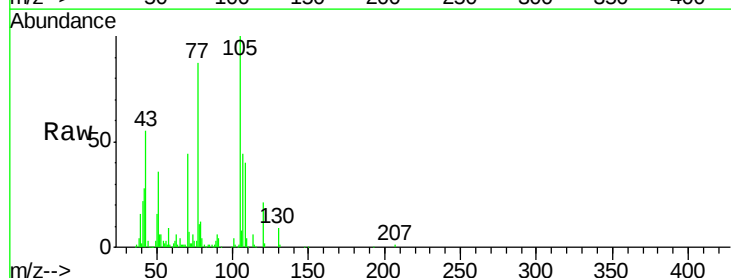
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 36.0 22.3 33.5#

120 21.0 16.9 25.3

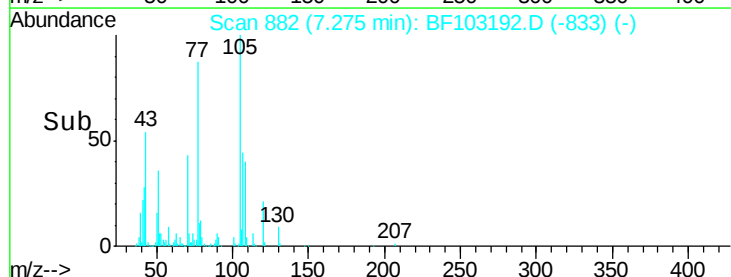


Abundance Ion 105.00 (104.70 to 105.70): E

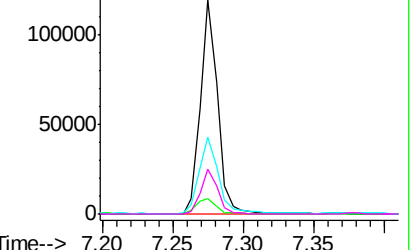
Ion 71.00 (70.70 to 71.70): BF1

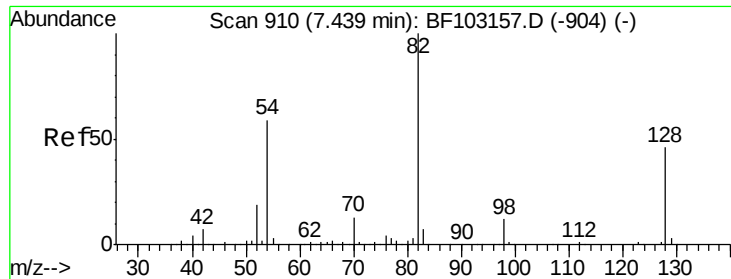
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

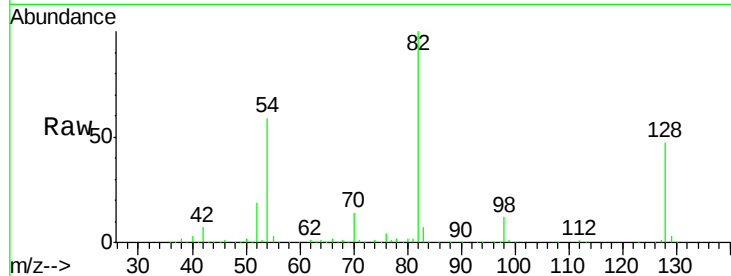




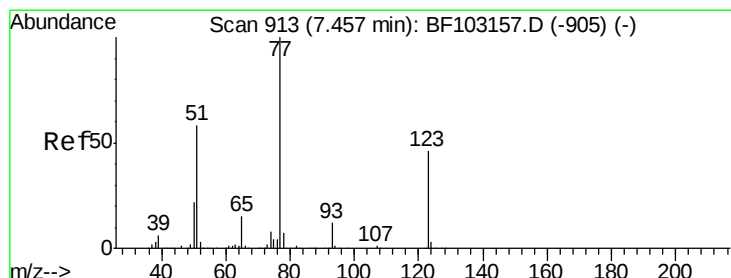
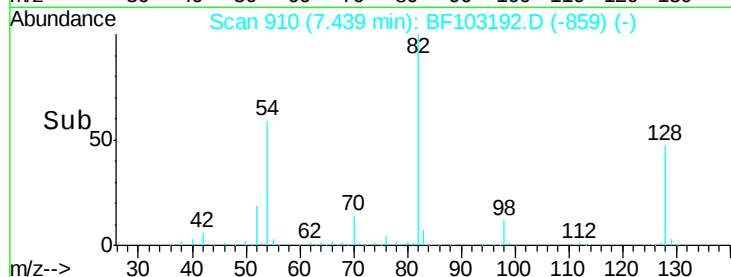
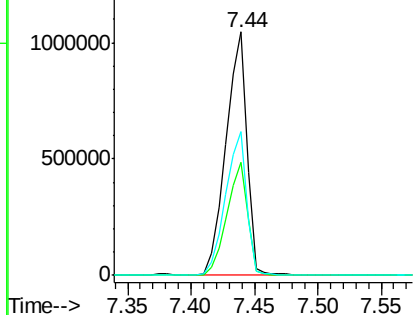
#23
 Nitrobenzene-d5
 Concen: 90.132 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1197593
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 59.3 41.4 62.2

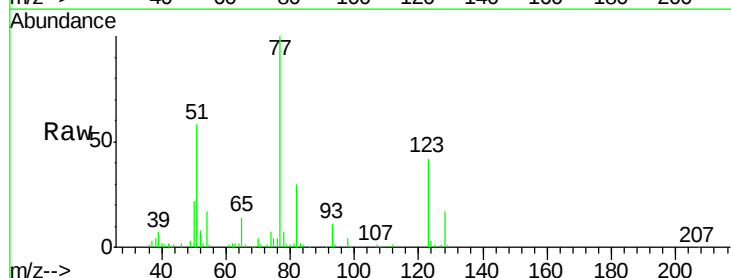


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

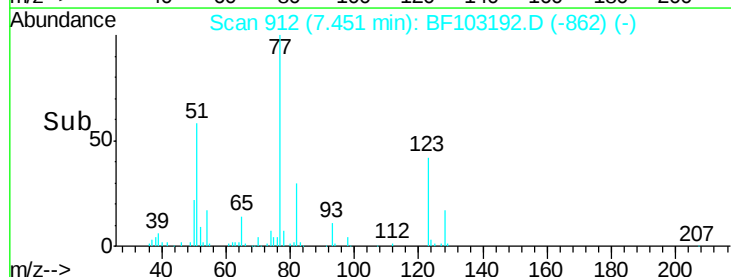
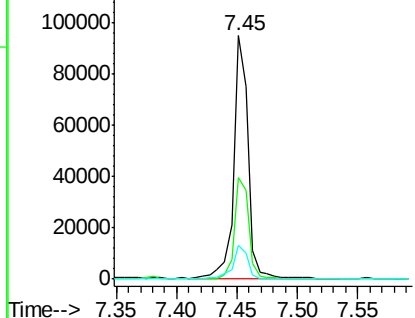


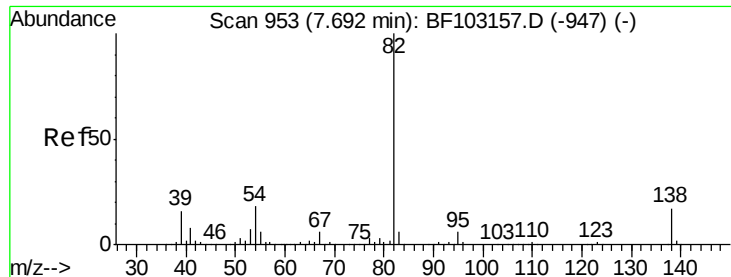
#24
 Nitrobenzene
 Concen: 5.431 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion: 77 Resp: 79451
 Ion Ratio Lower Upper
 77 100
 123 41.7 37.9 56.9
 65 13.7 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: 5.062 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

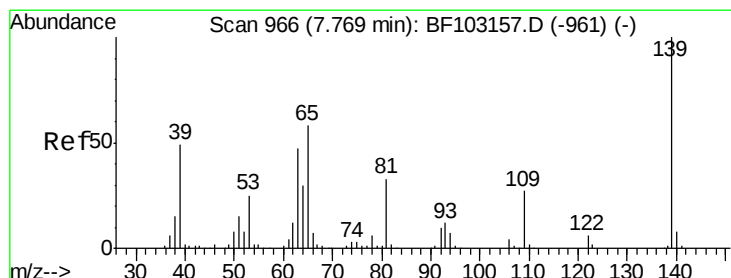
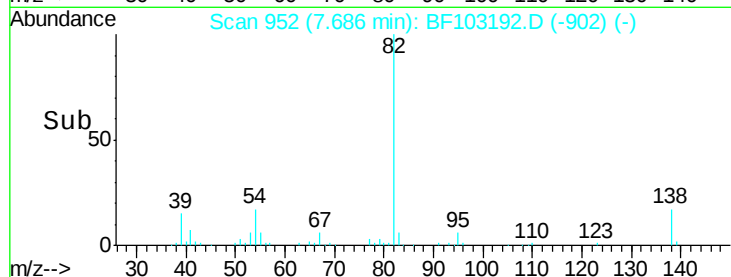
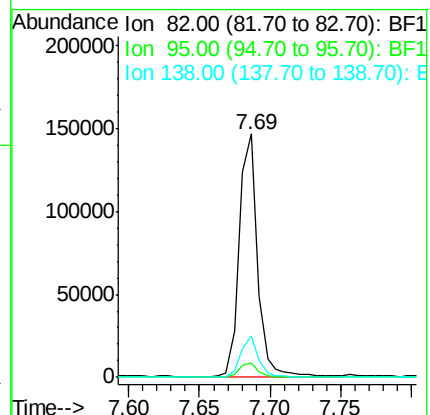
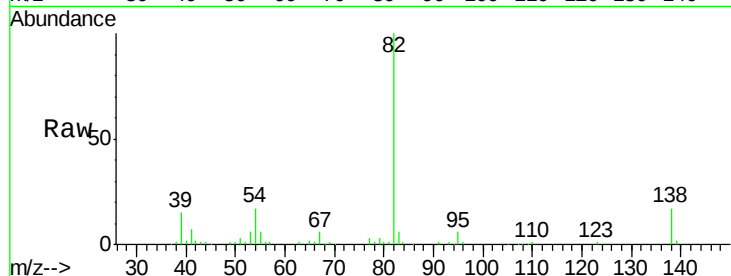
Tot Ion: 82 Resp: 132473

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 17.0 14.9 22.3



#26

2-Nitrophenol

Concen: 4.651 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

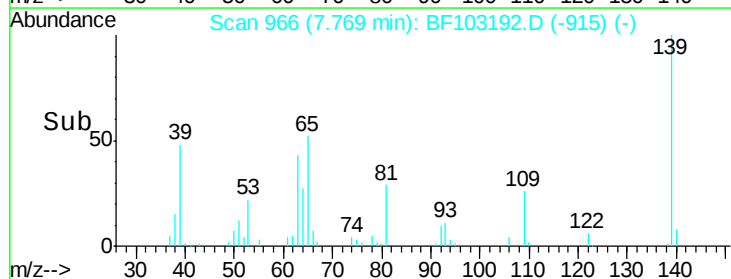
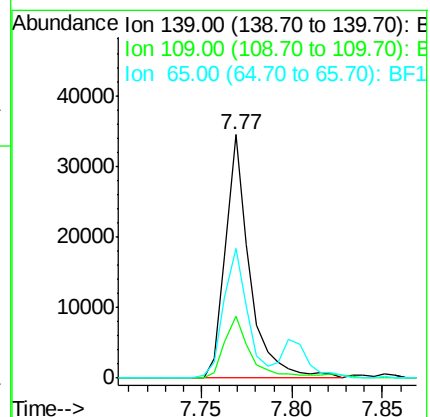
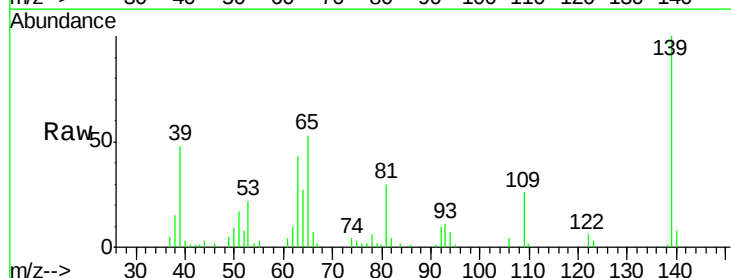
Tgt Ion: 139 Resp: 32033

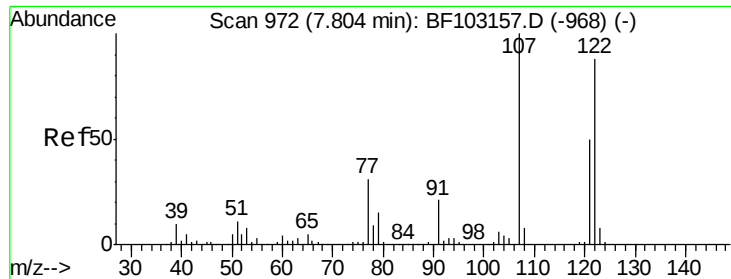
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 53.3 40.5 60.7

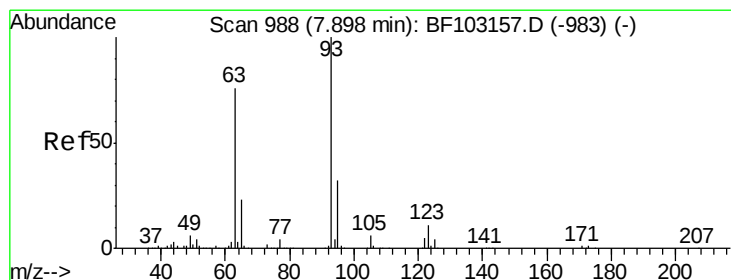
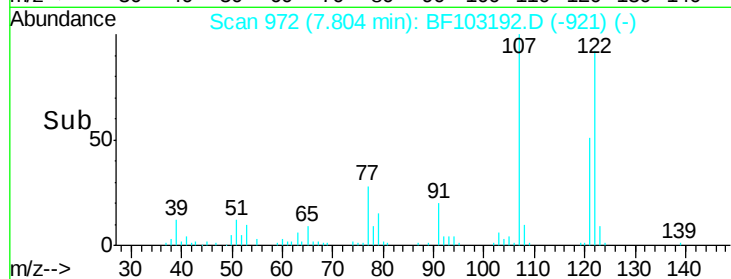
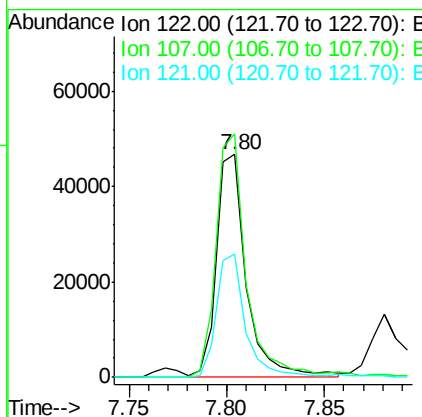
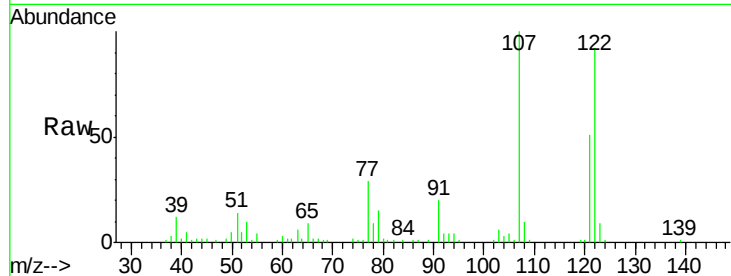




#27
 2,4-Dimethylphenol
 Concen: 4.688 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

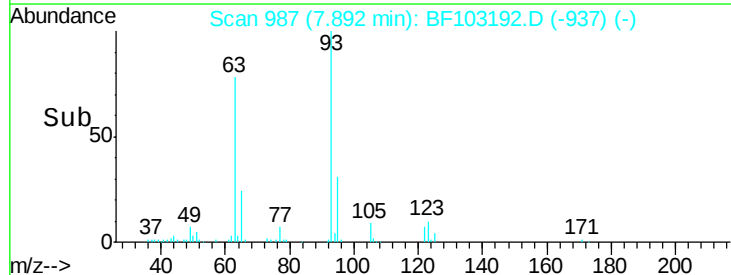
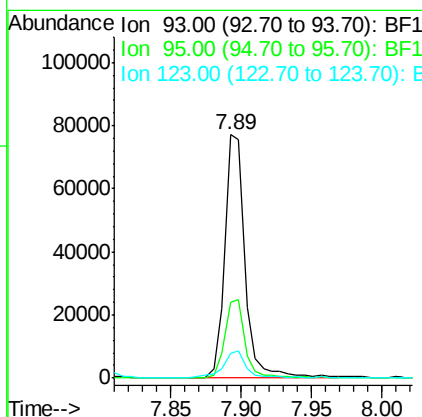
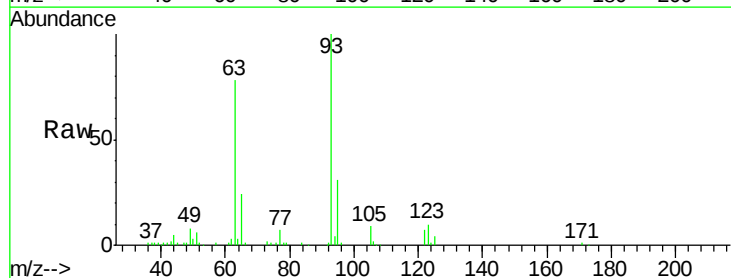
Instrument :
 BNA_F
 ClientSampleId :

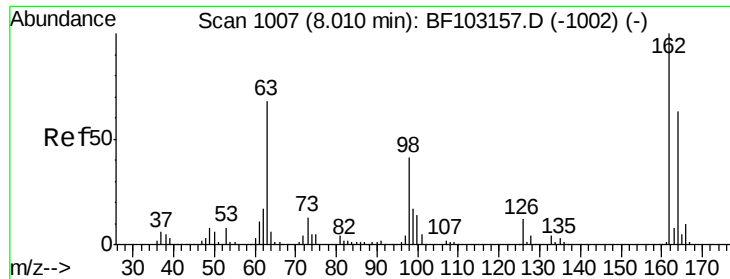
Tot Ion:122 Resp: 49345
 Ion Ratio Lower Upper
 122 100
 107 109.1 91.2 136.8
 121 55.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.040 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion: 93 Resp: 77539
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.3 39.5
 123 10.2 9.8 14.6

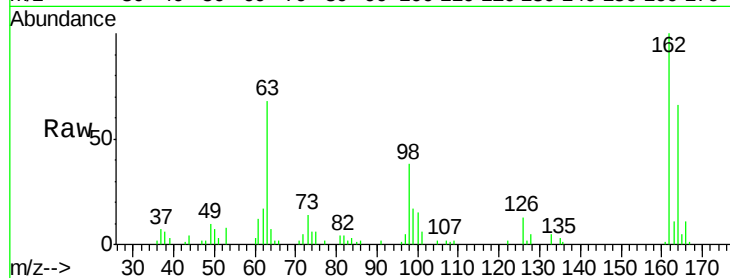




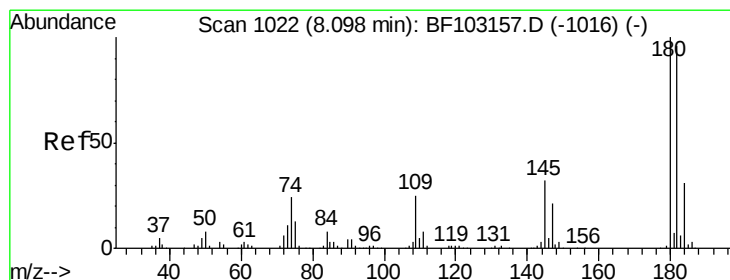
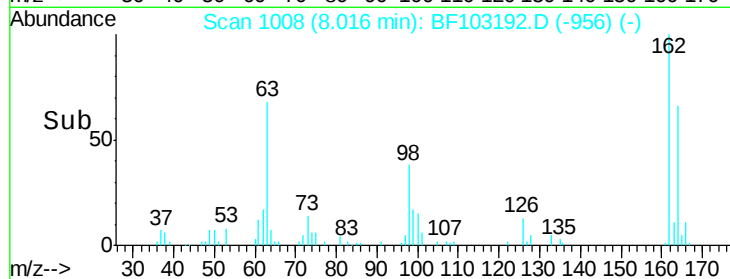
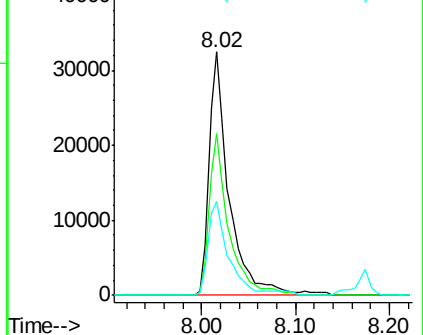
#29
 2,4-Dichlorophenol
 Concen: 4.795 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 48327
 Ion Ratio Lower Upper
 162 100
 164 66.2 42.7 82.7
 98 38.4 18.1 58.1

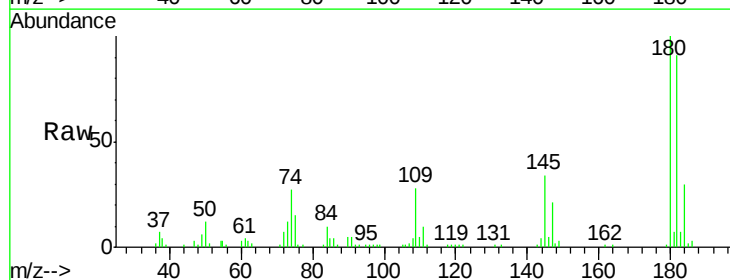


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

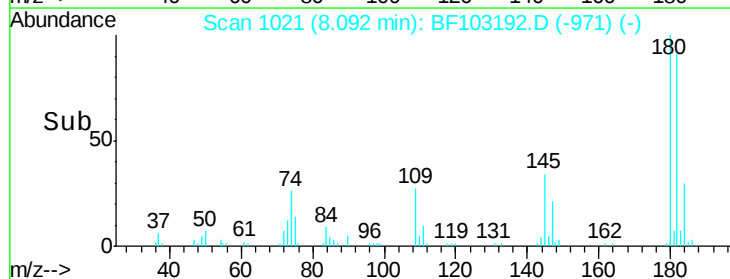
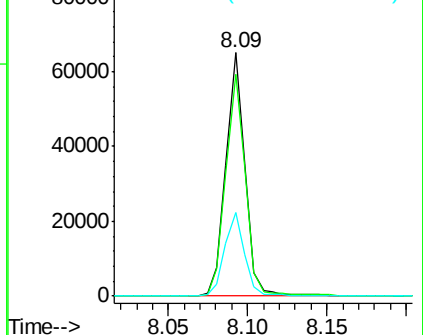


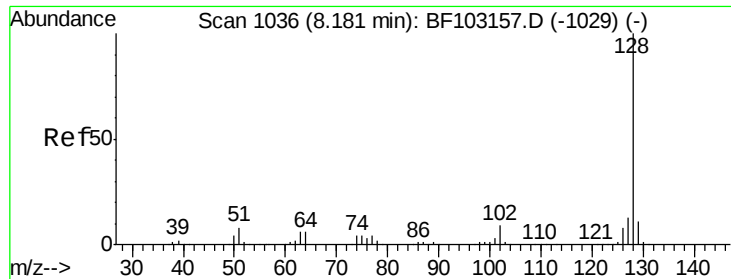
#30
 1,2,4-Trichlorobenzene
 Concen: 5.093 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:180 Resp: 54659
 Ion Ratio Lower Upper
 180 100
 182 91.0 76.8 115.2
 145 34.2 26.5 39.7



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

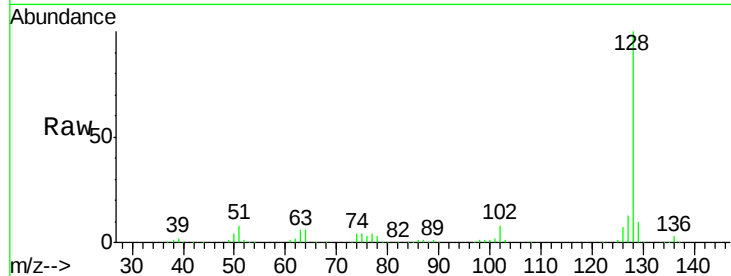




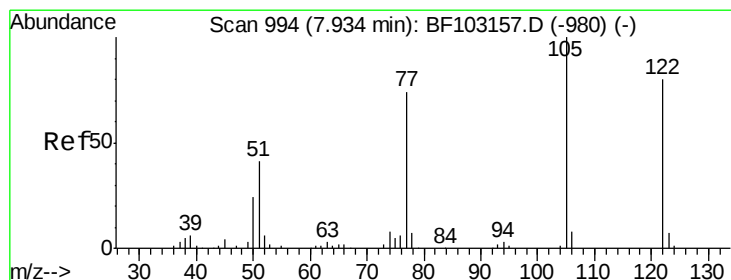
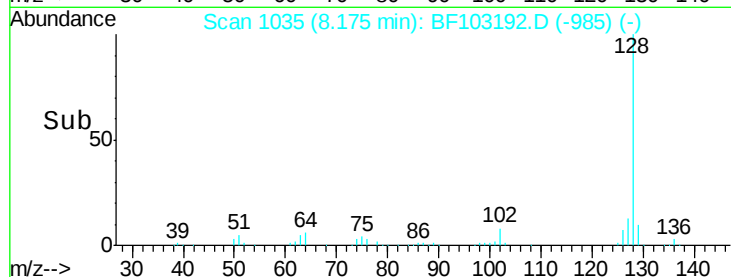
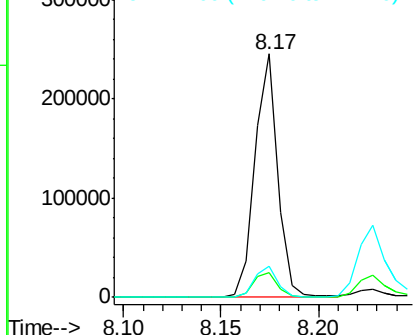
#31
Naphthalene
Concen: 5.381 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 199886
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.0 10.9 16.3

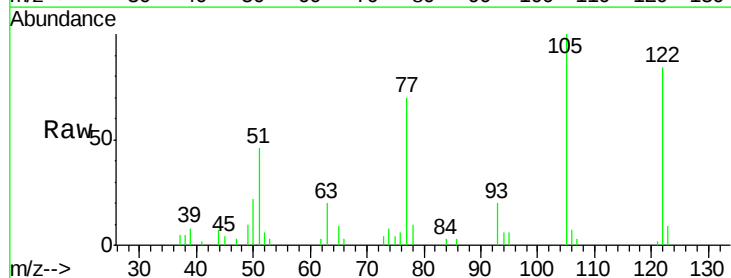


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

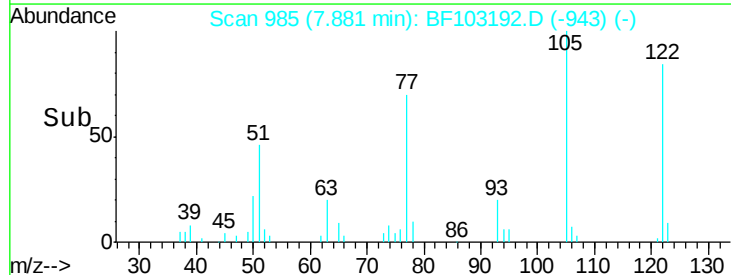
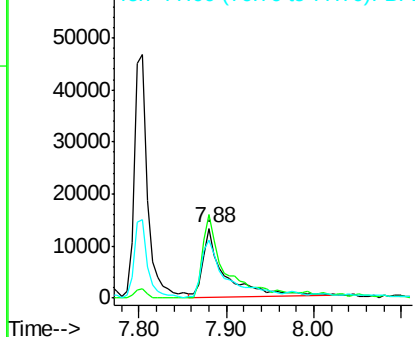


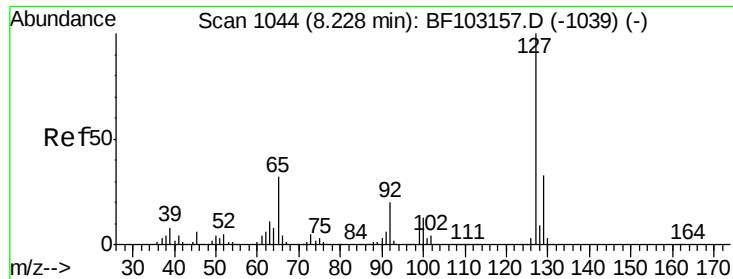
#32
Benzoic acid
Concen: 9.401 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:122 Resp: 22692
Ion Ratio Lower Upper
122 100
105 119.5 101.1 141.1
77 83.6 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

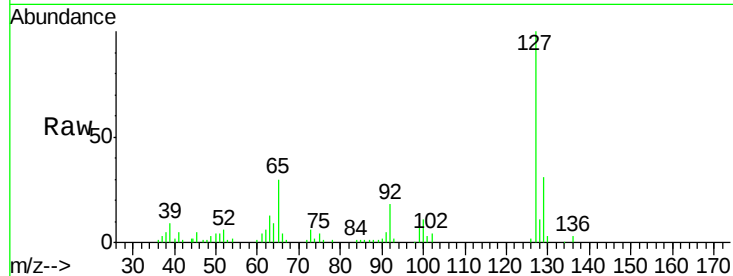




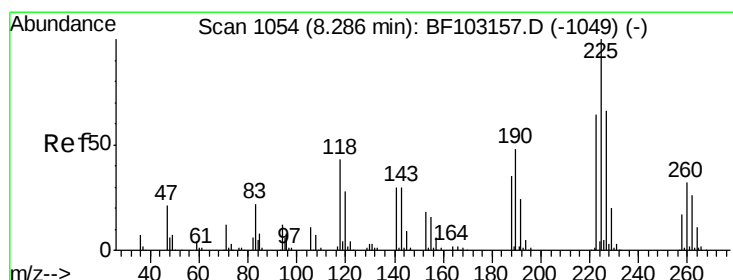
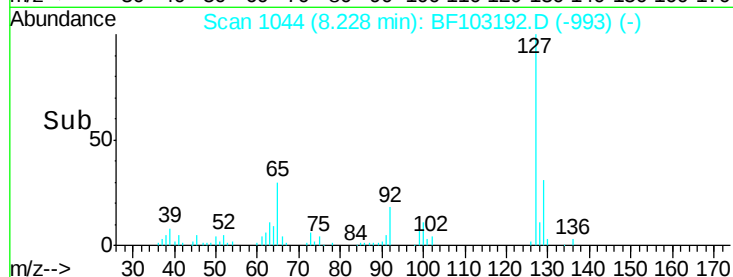
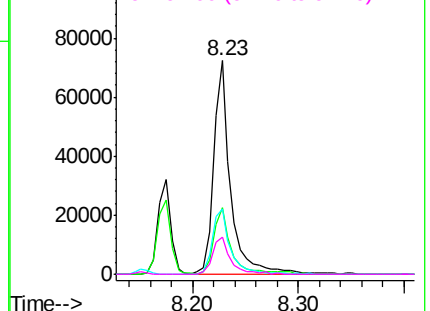
#33
4-Chloroaniline
Concen: 5.093 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	81644
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	30.4	25.0	37.4
92	17.5	15.2	22.8

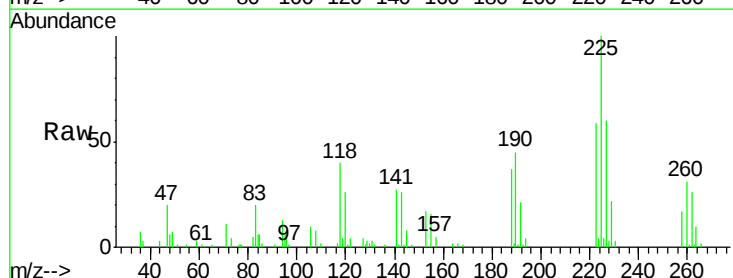


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

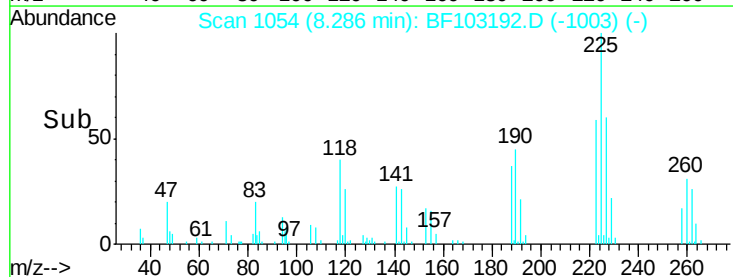
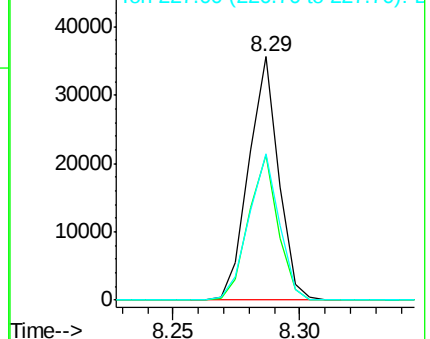


#34
Hexachlorobutadiene
Concen: 5.231 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:	225	Resp:	29237
Ion	Ratio	Lower	Upper
225	100		
223	59.5	50.6	76.0
227	59.9	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: 4.702 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.04 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

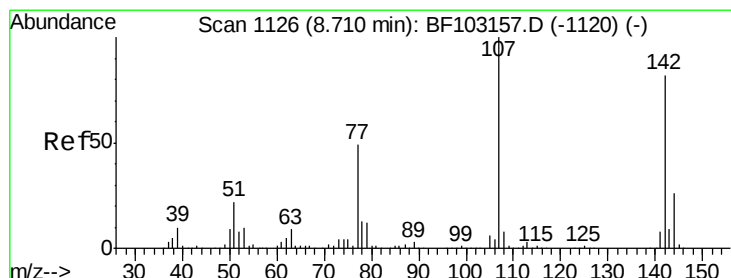
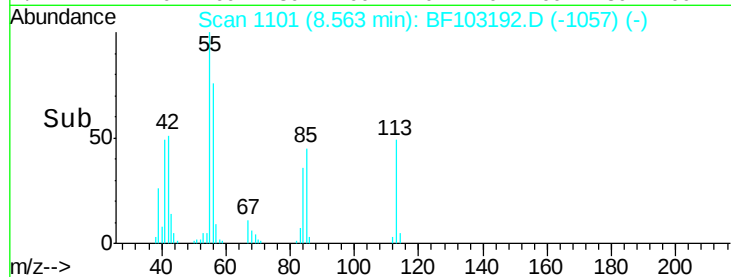
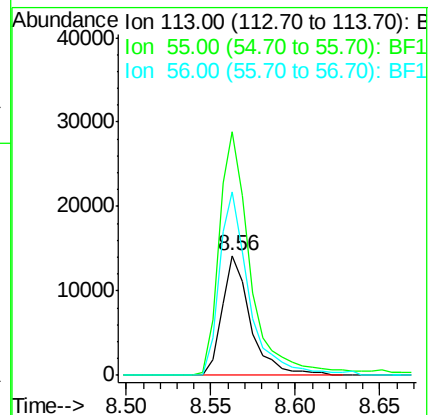
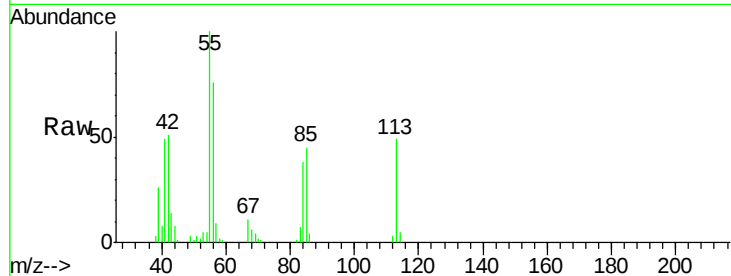
Tot Ion:113 Resp: 16654

Ion Ratio Lower Upper

113 100

55 203.8 163.3 203.3#

56 153.9 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 5.015 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

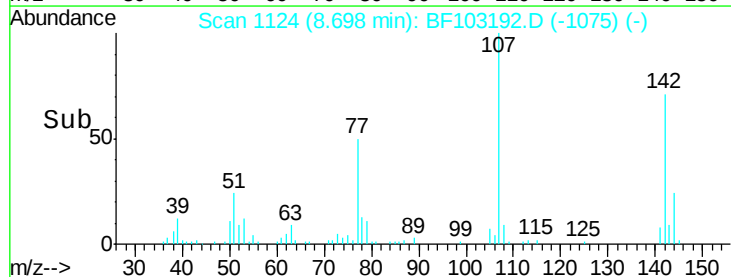
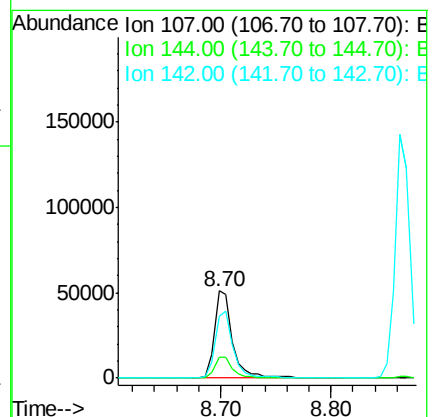
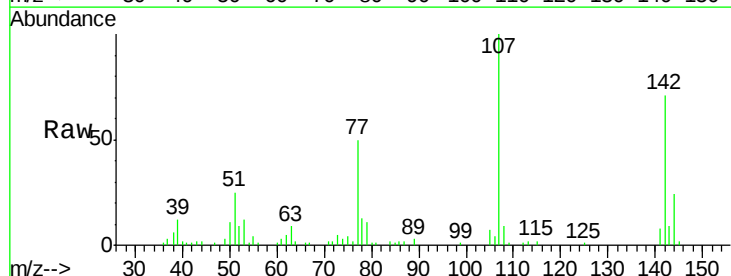
Tgt Ion:107 Resp: 57013

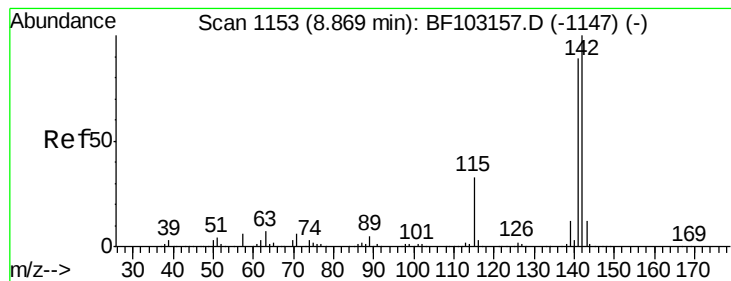
Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

142 71.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 5.510 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

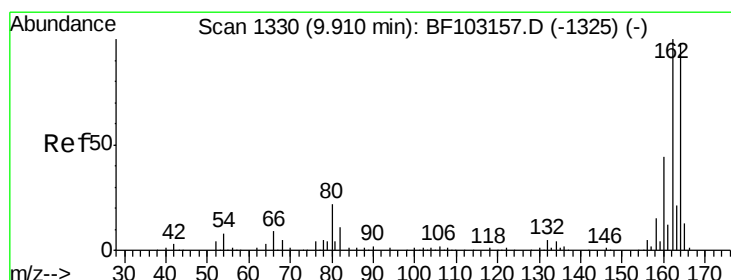
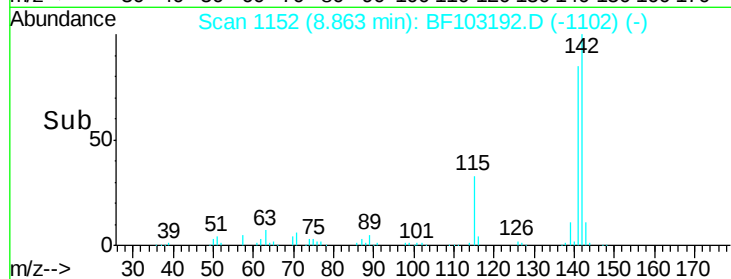
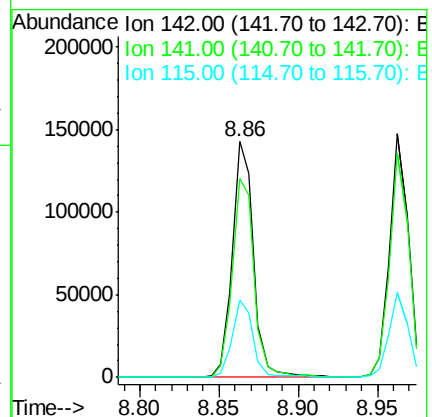
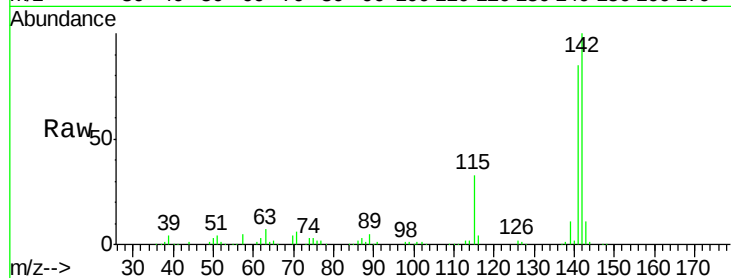
Tot Ion:142 Resp: 132282

Ion Ratio Lower Upper

142 100

141 84.6 70.8 106.2

115 32.9 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

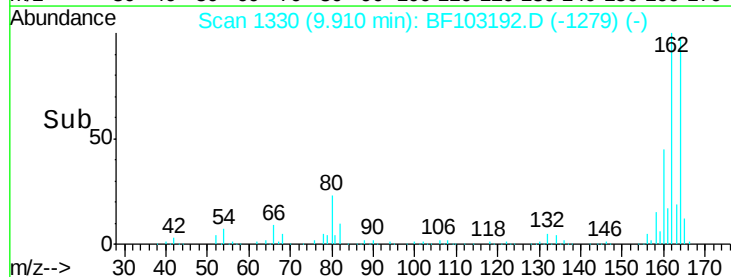
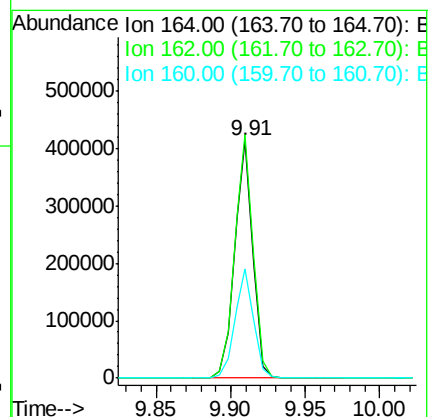
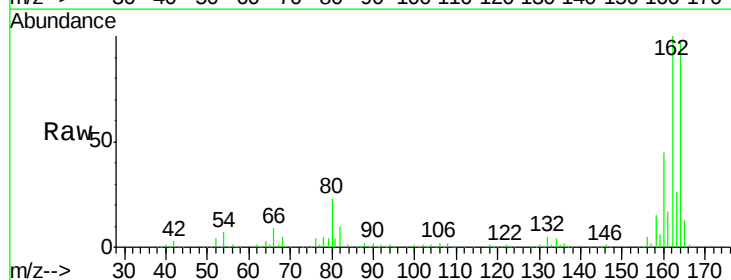
Tgt Ion:164 Resp: 355593

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

160 45.8 38.3 57.5

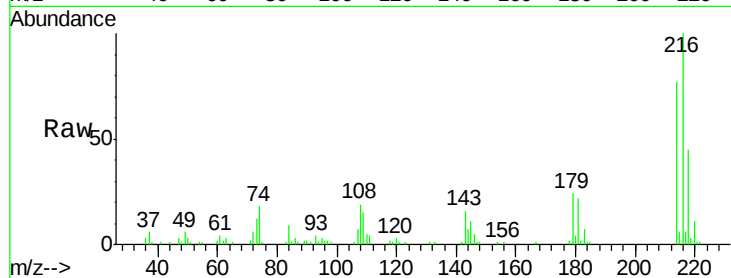




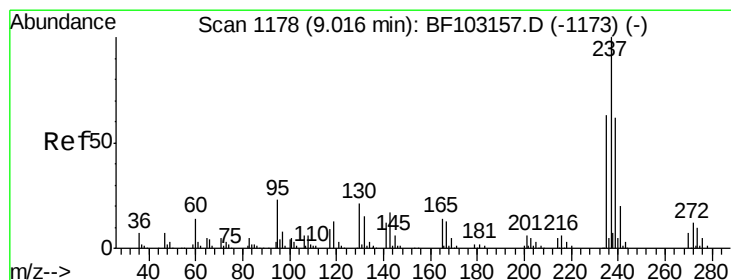
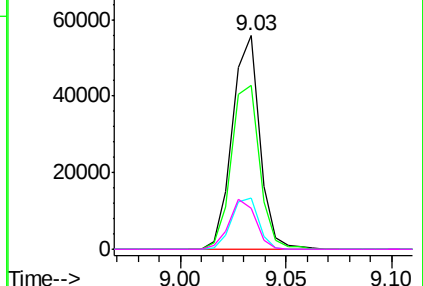
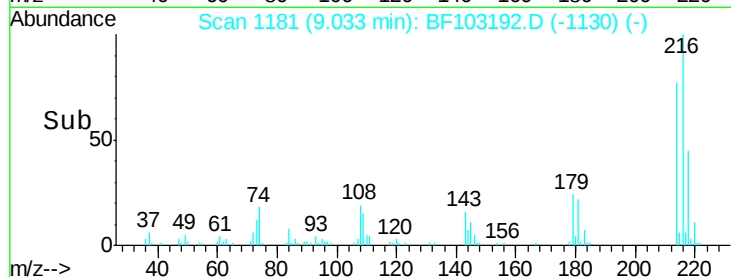
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.153 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	50094
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.0 94.4
179	23.8	18.1 27.1
108	22.6	17.2 25.8

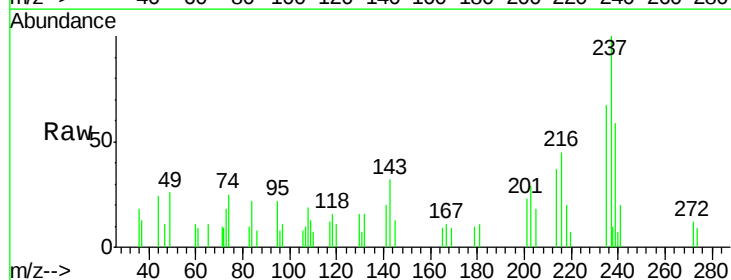


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

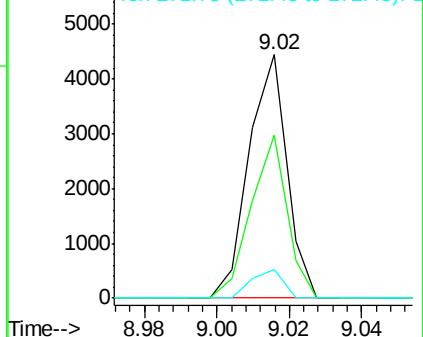
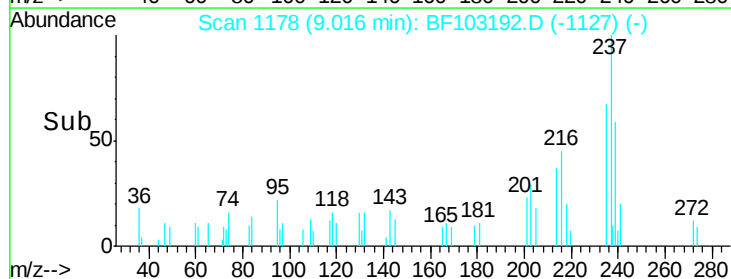


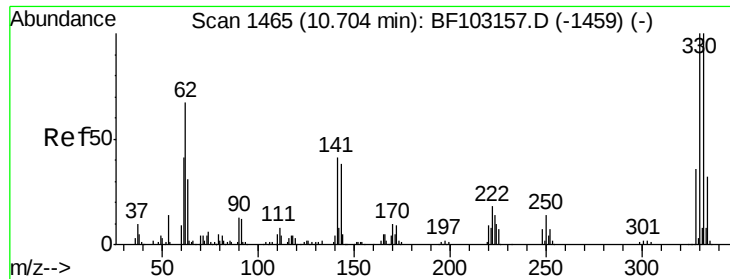
#40
 Hexachlorocyclopentadiene
 Concen: 9.716 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:237	Resp:	3215
Ion Ratio	Lower	Upper
237	100	
235	67.2	44.8 84.8
272	11.8	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

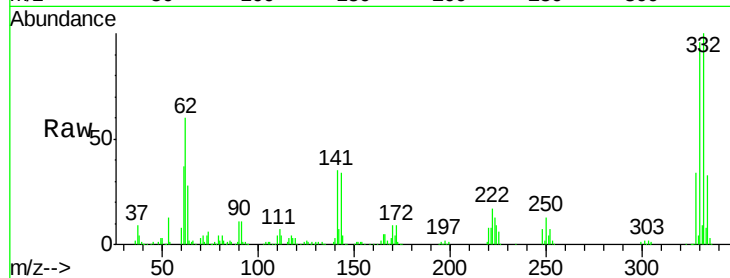




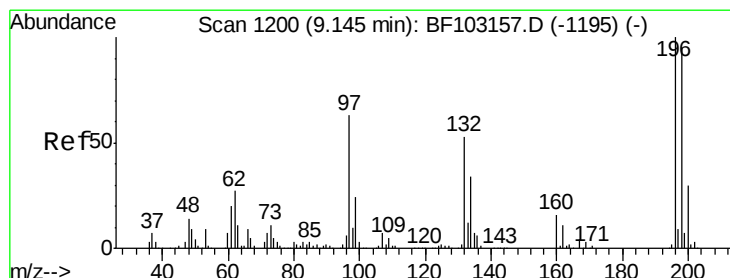
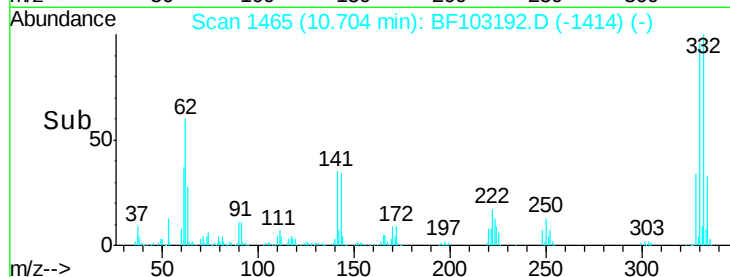
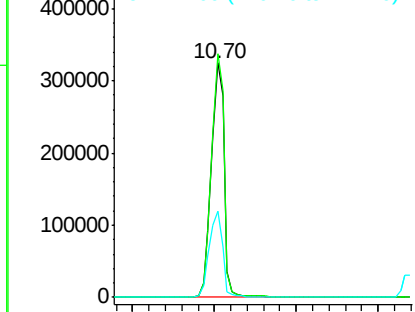
#41
 2,4,6-Tribromophenol
 Concen: 118.371 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 356286
 Ion Ratio Lower Upper
 330 100
 332 102.0 77.0 115.6
 141 37.8 29.9 44.9

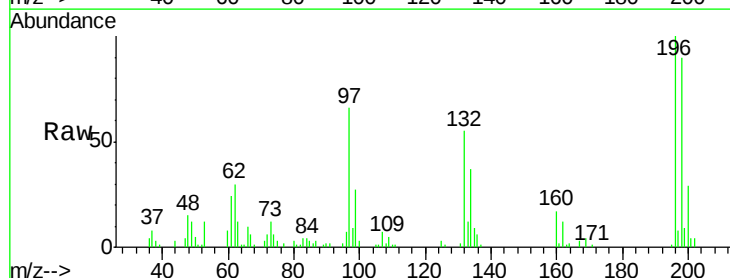


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

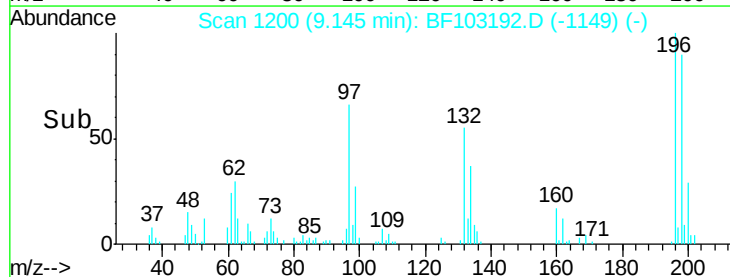
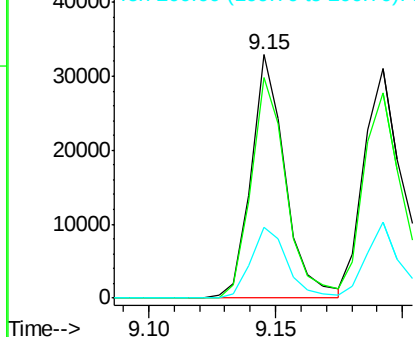


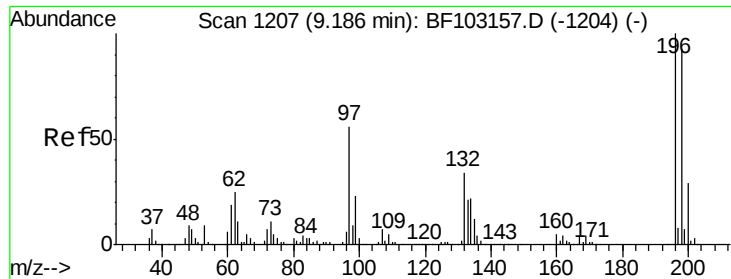
#42
 2,4,6-Trichlorophenol
 Concen: 4.740 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:196 Resp: 31003
 Ion Ratio Lower Upper
 196 100
 198 90.4 75.7 113.5
 200 29.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

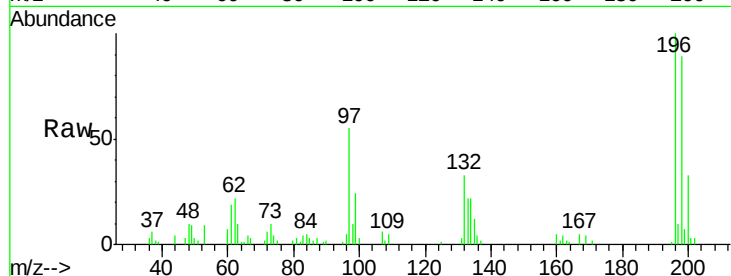




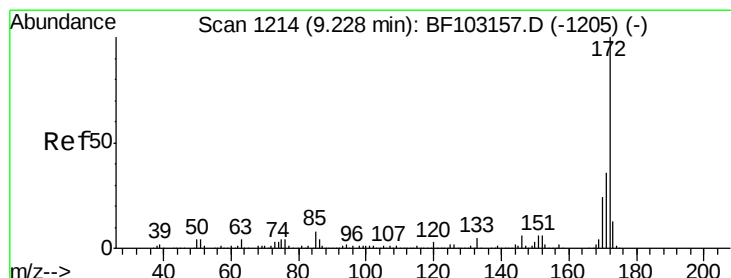
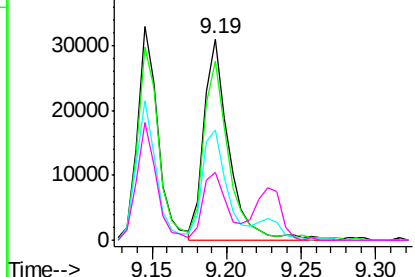
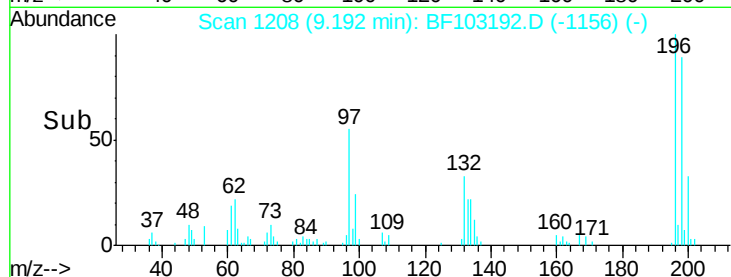
#43
 2,4,5-Trichlorophenol
 Concen: 4.784 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 35991
 Ion Ratio Lower Upper
 196 100
 198 89.2 74.6 112.0
 97 54.5 42.9 64.3
 132 33.5 26.3 39.5

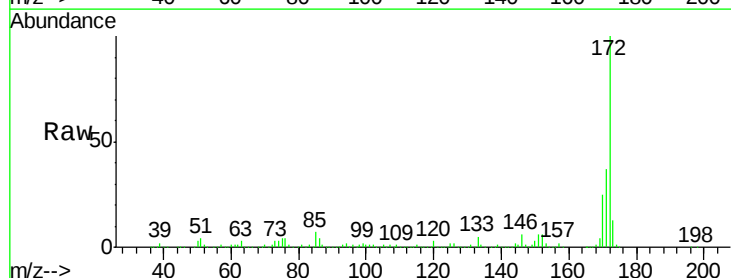


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

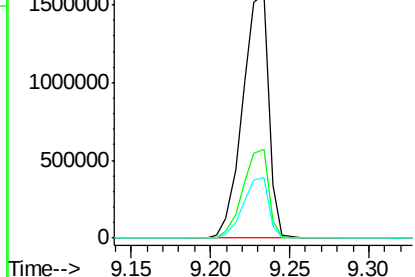
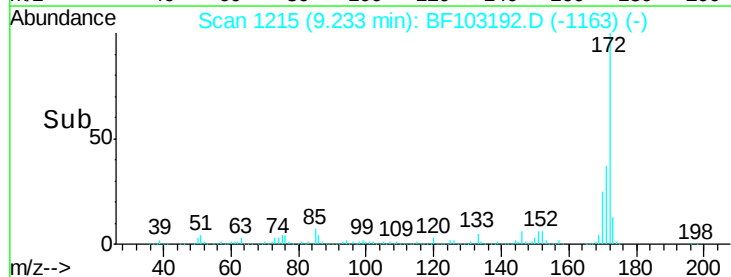


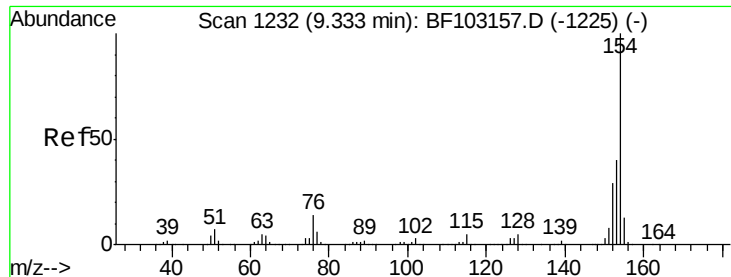
#44
 2-Fluorobiphenyl
 Concen: 86.811 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:172 Resp: 1783224
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.7 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: 5.584 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

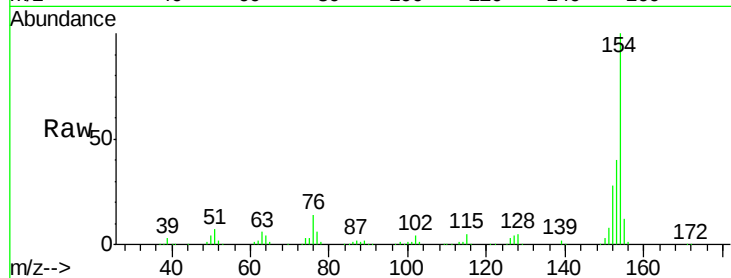
Tot Ion:154 Resp: 166388

Ion Ratio Lower Upper

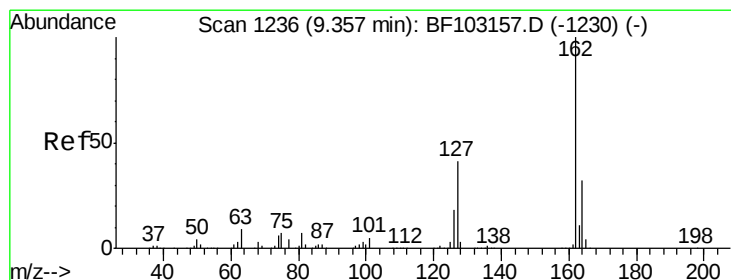
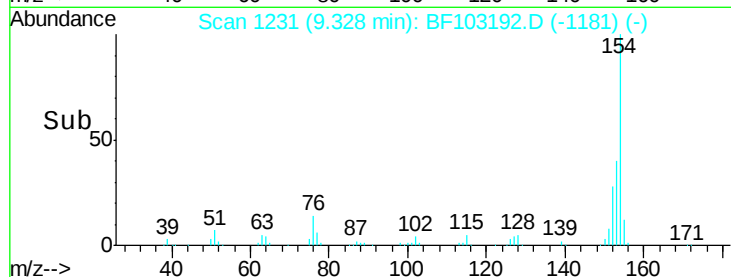
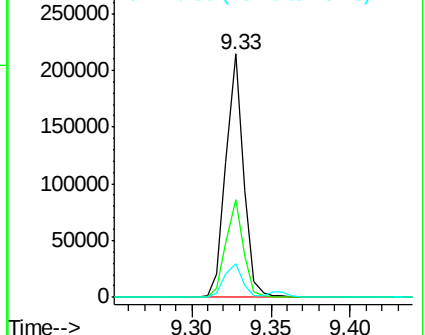
154 100

153 40.1 21.3 61.3

76 14.1 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: 5.204 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

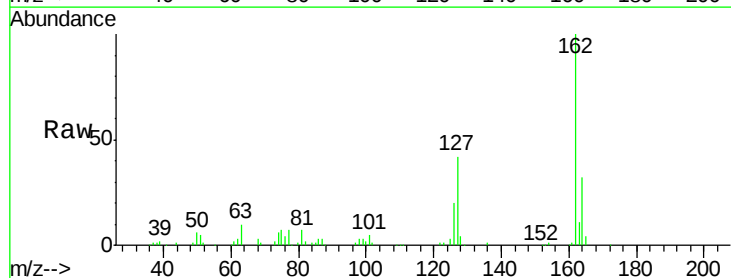
Tgt Ion:162 Resp: 122667

Ion Ratio Lower Upper

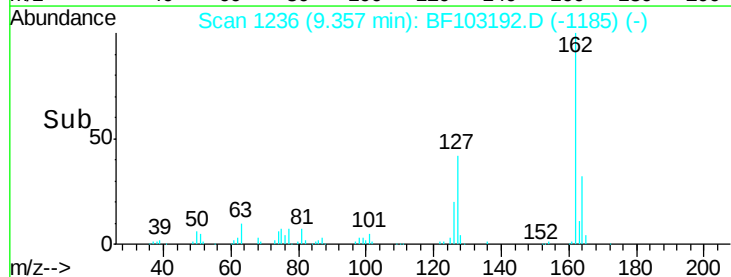
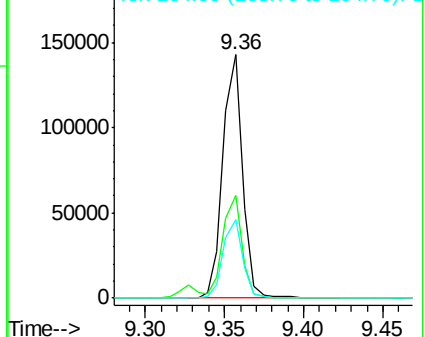
162 100

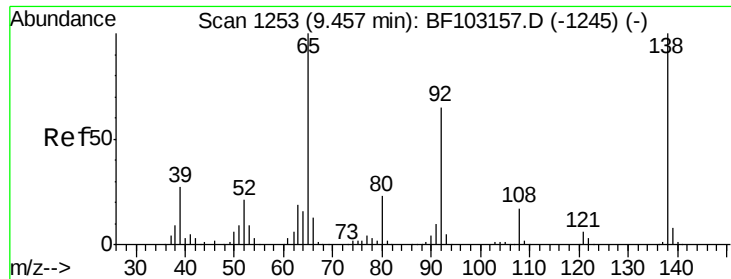
127 42.0 33.9 50.9

164 32.1 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

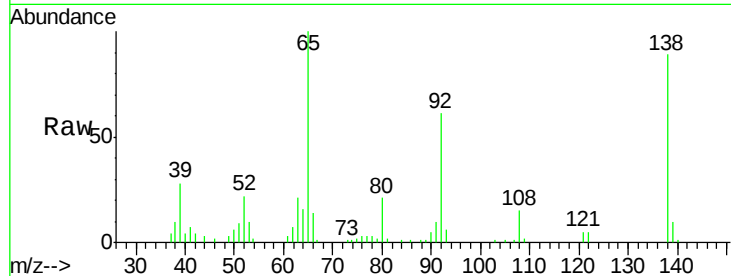




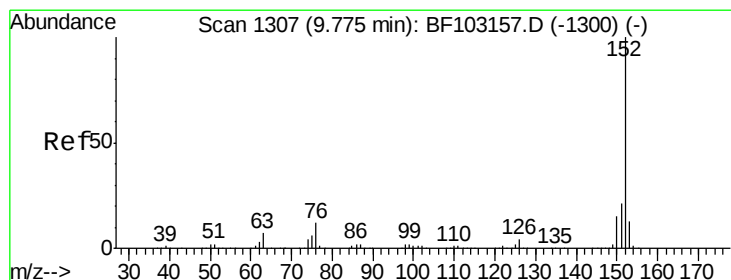
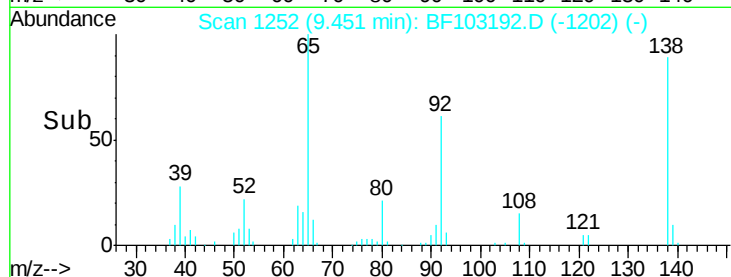
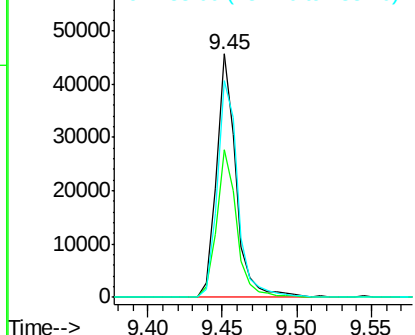
#47
2-Nitroaniline
Concen: 4.777 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 41711
Ion Ratio Lower Upper
65 100
92 60.7 55.8 83.6
138 89.3 91.2 136.8#

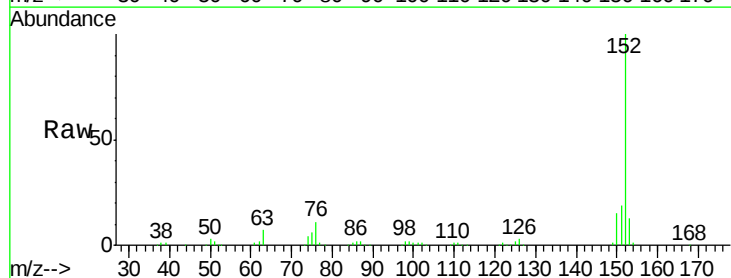


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

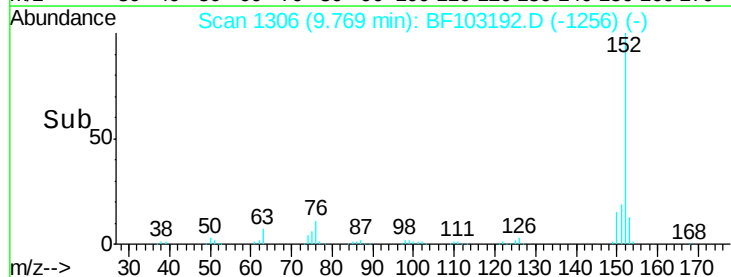
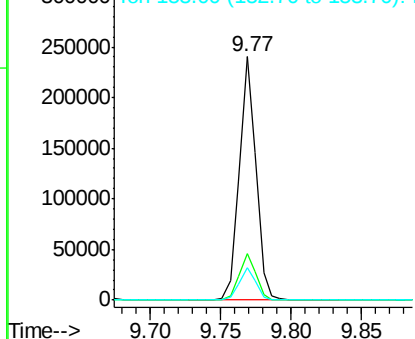


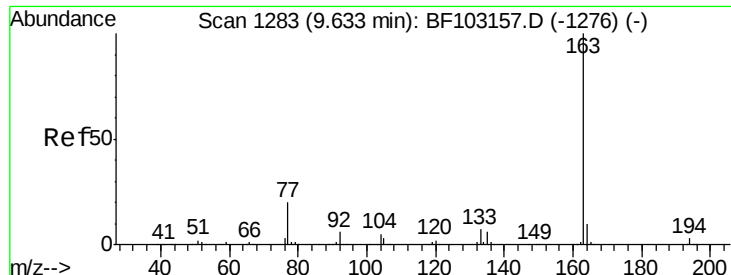
#48
Acenaphthylene
Concen: 5.456 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion: 152 Resp: 197874
Ion Ratio Lower Upper
152 100
151 19.0 16.3 24.5
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

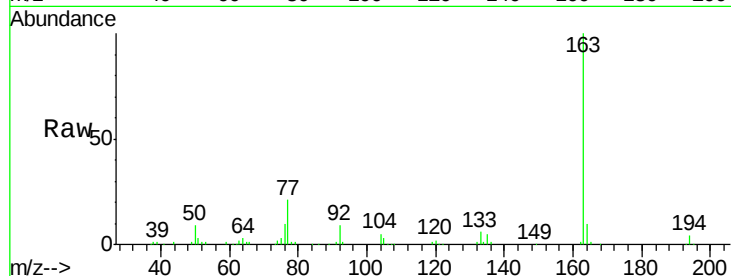




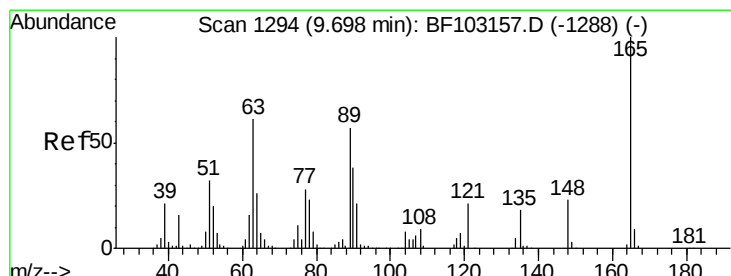
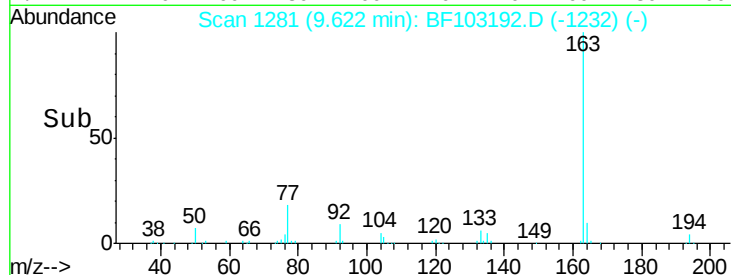
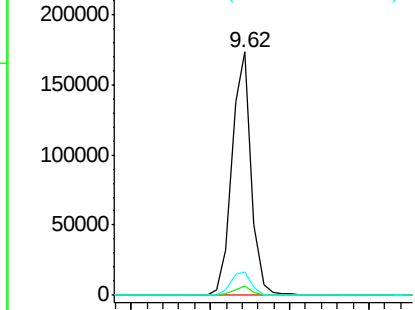
#49
Dimethylphthalate
Concen: 5.100 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 145472
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

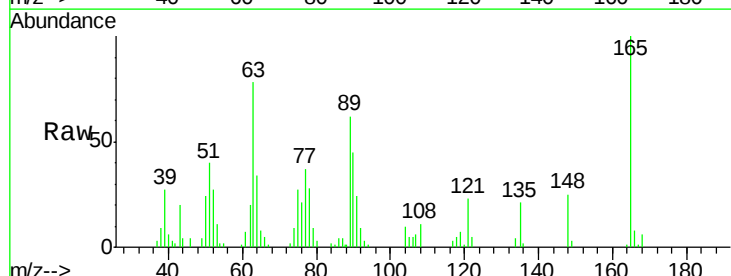


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

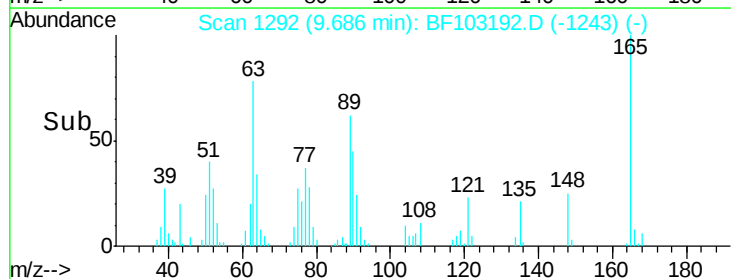
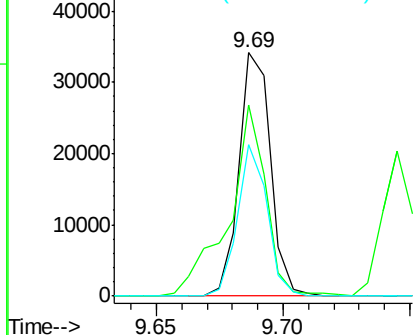


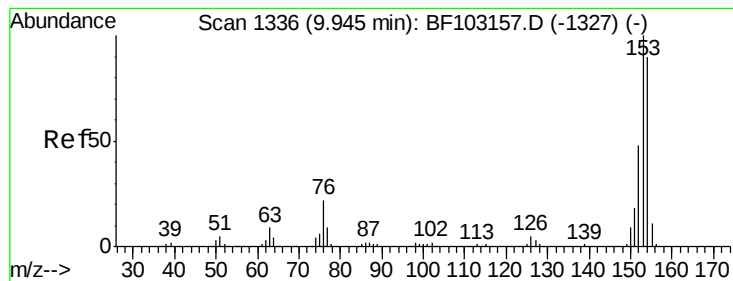
#50
2,6-Dinitrotoluene
Concen: 4.904 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:165 Resp: 29354
Ion Ratio Lower Upper
165 100
63 78.3 44.7 67.1#
89 62.3 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: 5.657 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

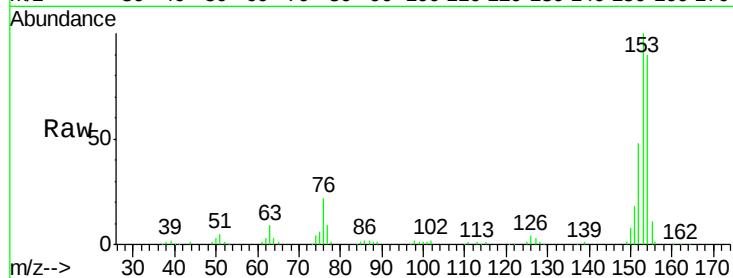
Tot Ion:154 Resp: 119647

Ion Ratio Lower Upper

154 100

153 111.2 91.2 136.8

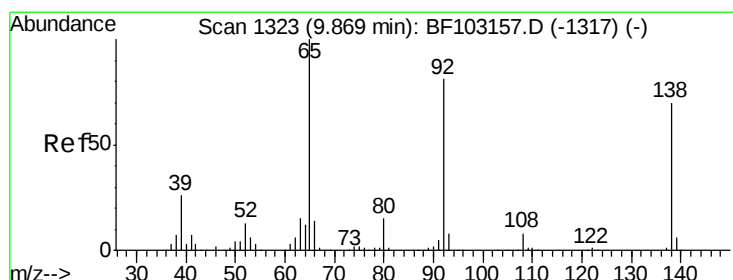
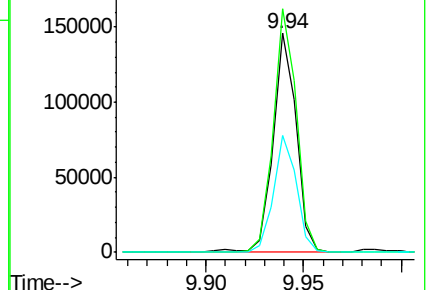
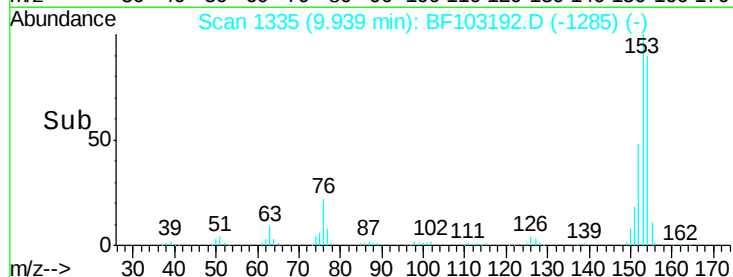
152 53.6 43.8 65.8



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: 4.525 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

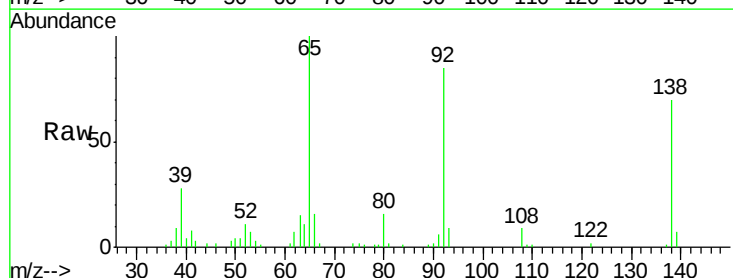
Tgt Ion:138 Resp: 34365

Ion Ratio Lower Upper

138 100

108 12.4 9.4 14.0

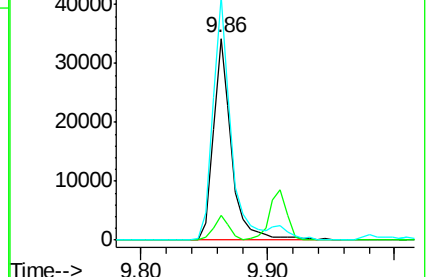
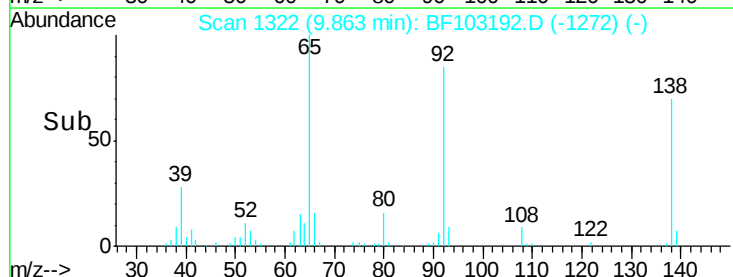
92 120.8 89.4 134.2



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

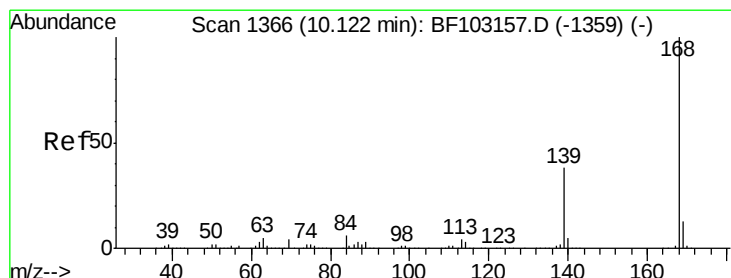
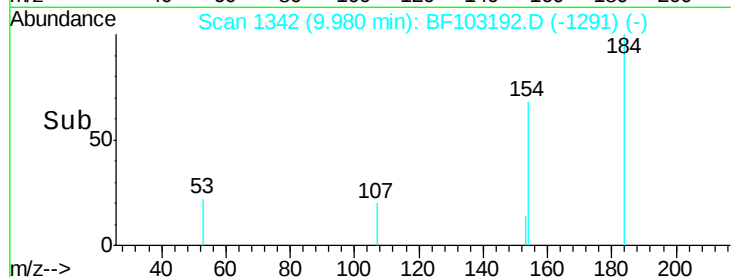
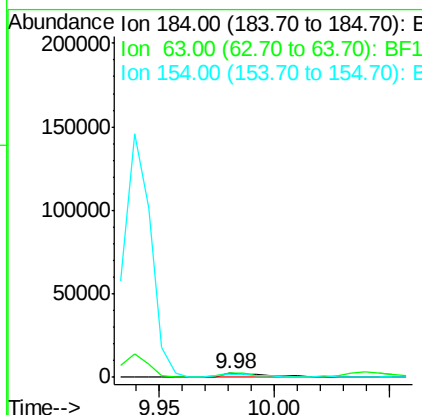
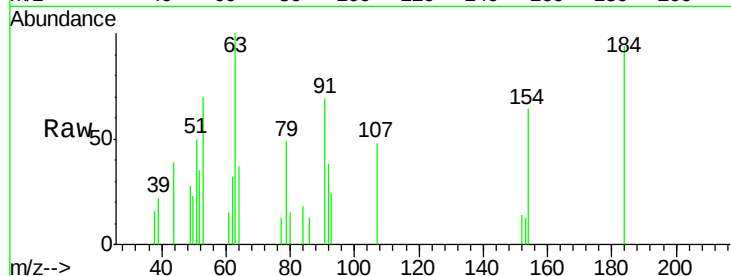




#53
2,4-Dinitrophenol
Concen: 11.140 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

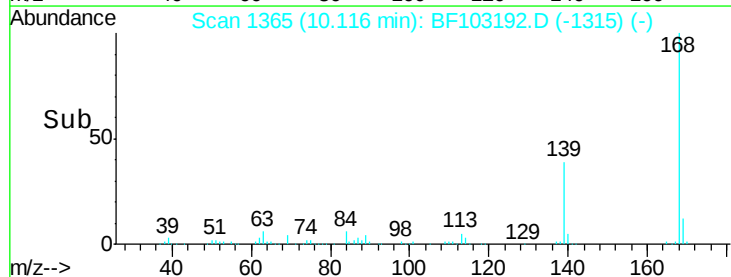
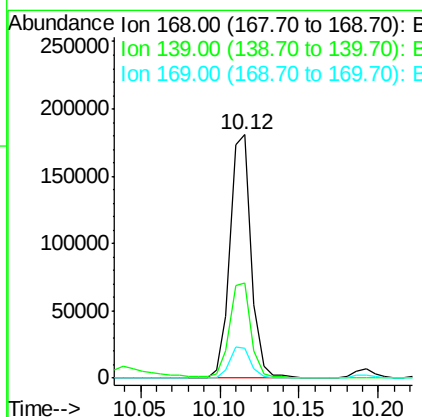
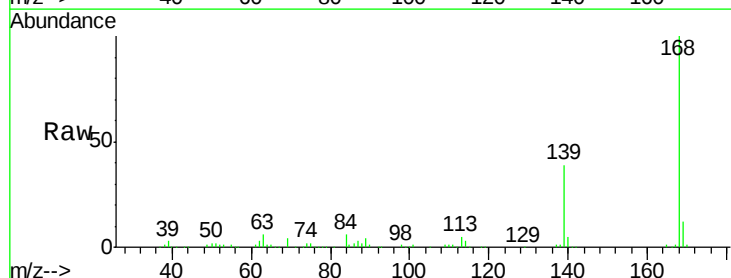
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 3733
Ion Ratio Lower Upper
184 100
63 106.6 54.2 81.2#
154 67.9 184.0 276.0#



#54
Dibenzofuran
Concen: 5.806 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:168 Resp: 168573
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 12.0 10.9 16.3

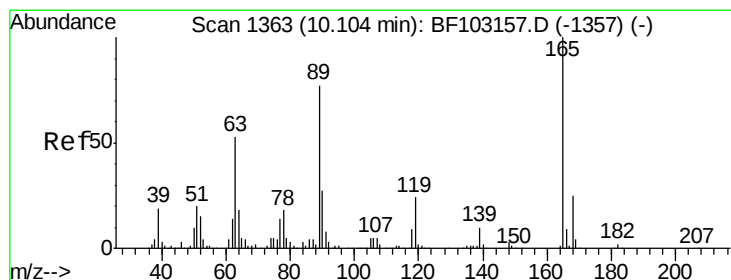
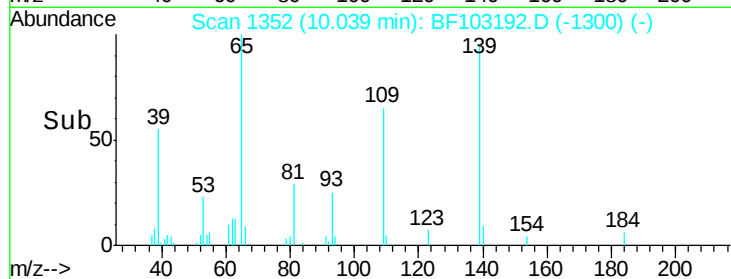
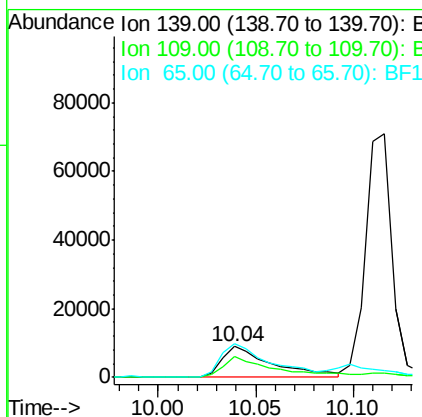
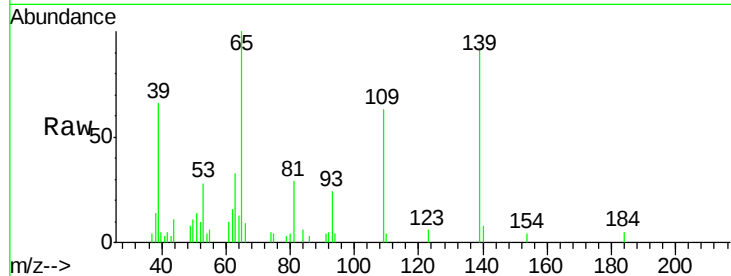




#55
4-Nitrophenol
Concen: 3.390 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

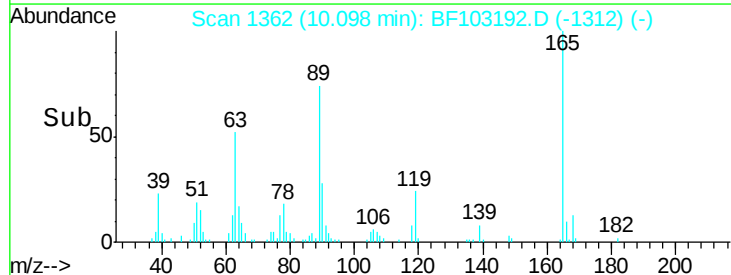
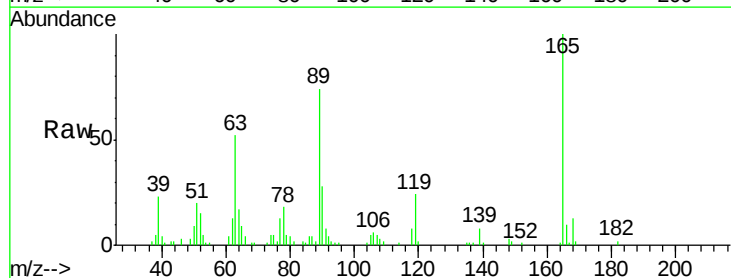
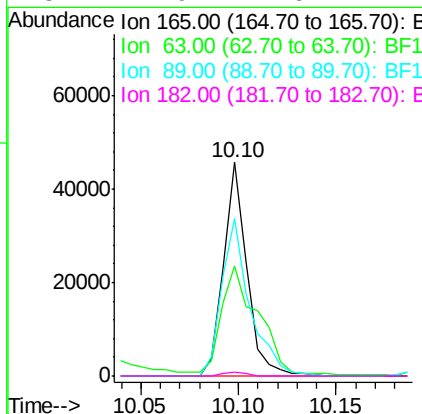
Instrument :
BNA_F
ClientSampled :

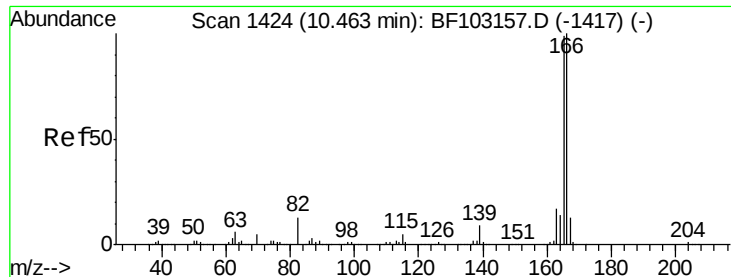
Tot Ion:139 Resp: 15956
Ion Ratio Lower Upper
139 100
109 68.9 48.4 88.4
65 109.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 5.038 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:165 Resp: 38141
Ion Ratio Lower Upper
165 100
63 51.8 36.4 54.6
89 73.9 57.8 86.6
182 1.9 1.6 2.4

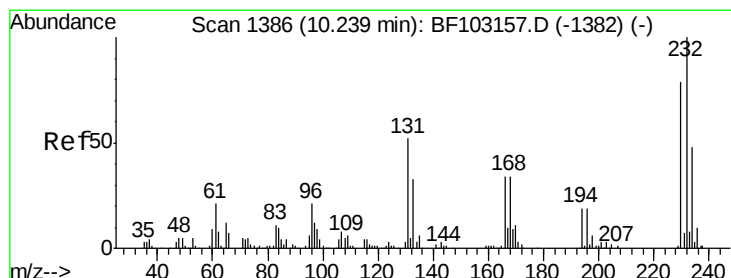
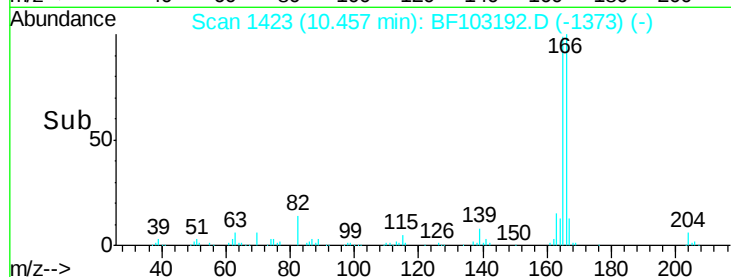
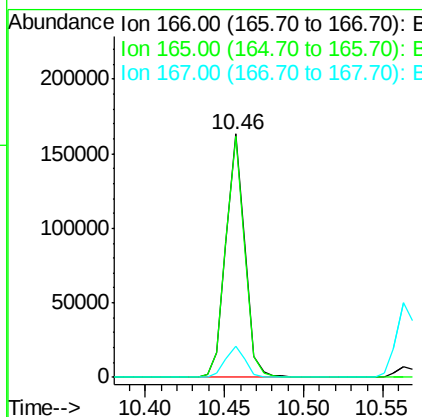
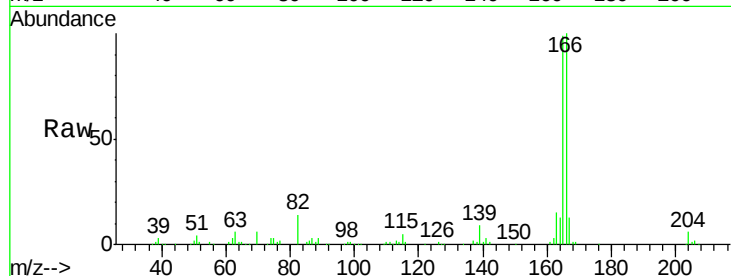




#57
 Fluorene
 Concen: 5.448 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

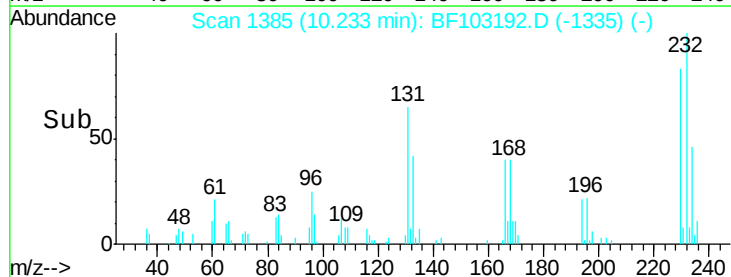
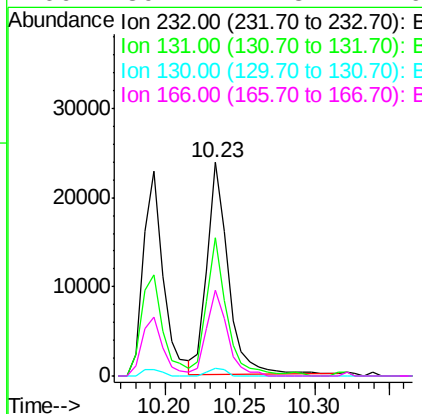
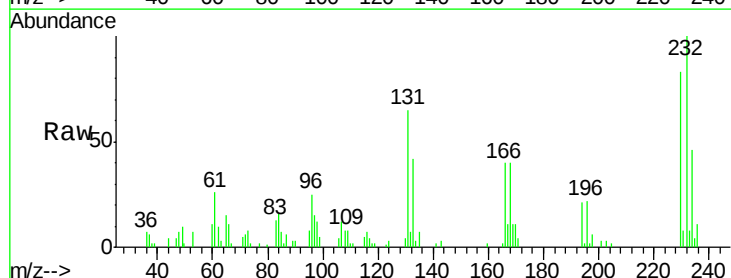
Instrument :
 BNA_F
 ClientSampleId :

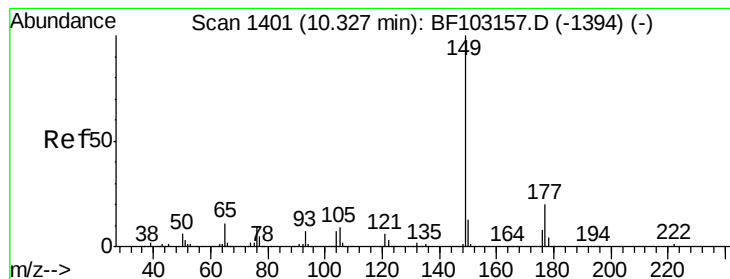
Tot Ion:166 Resp: 134732
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 12.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.629 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:232 Resp: 23394
 Ion Ratio Lower Upper
 232 100
 131 63.7 43.8 65.8
 130 3.1 2.1 3.1
 166 39.7 27.8 41.6





#59

Diethylphthalate

Concen: 5.430 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampled :

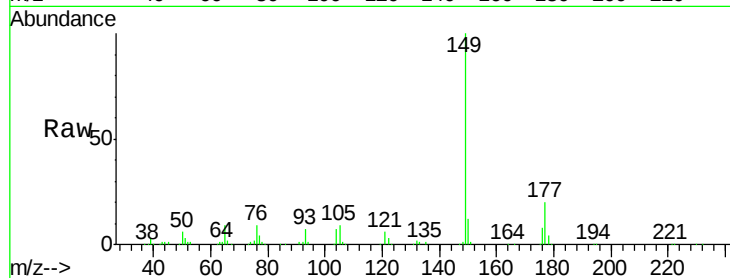
Tot Ion:149 Resp: 148153

Ion Ratio Lower Upper

149 100

177 19.8 16.1 24.1

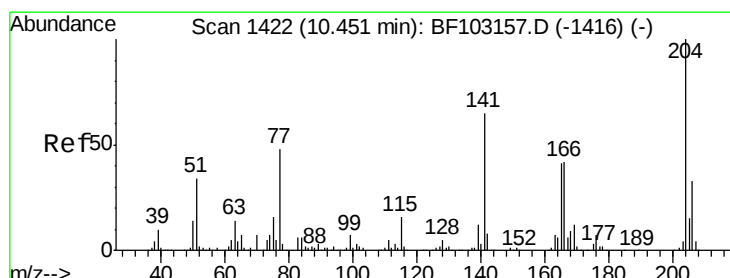
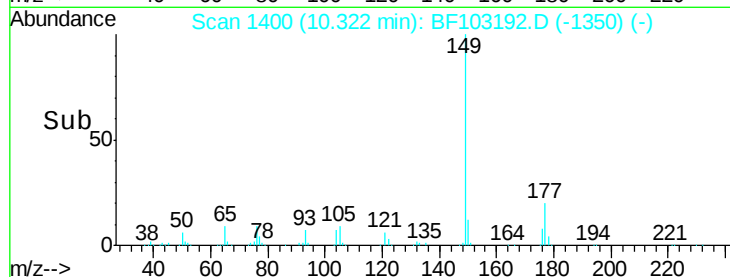
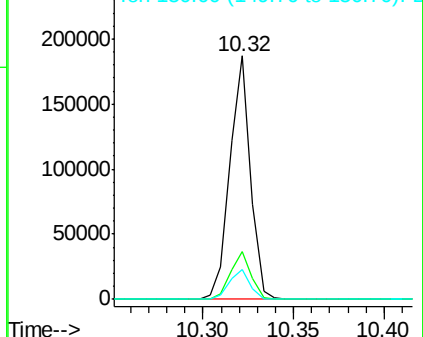
150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 5.464 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

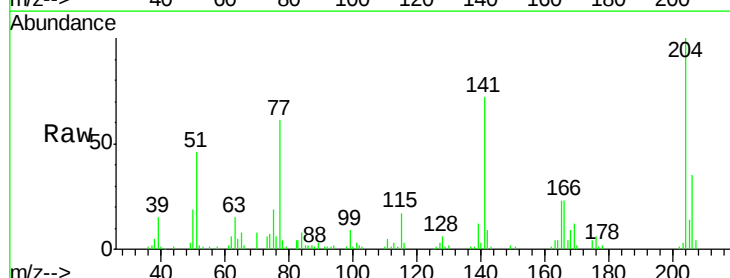
Tgt Ion:204 Resp: 57307

Ion Ratio Lower Upper

204 100

206 34.7 26.5 39.7

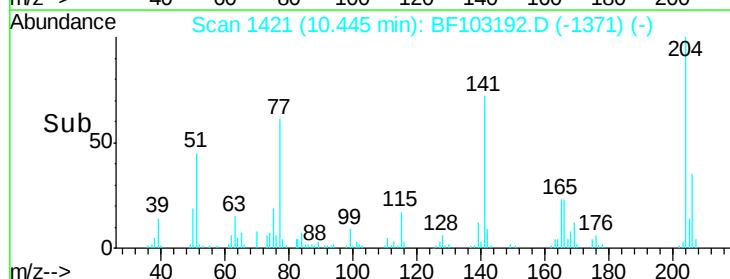
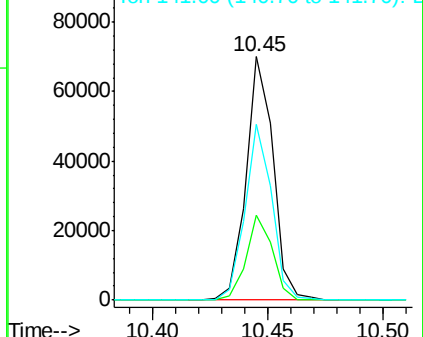
141 72.4 54.6 81.8

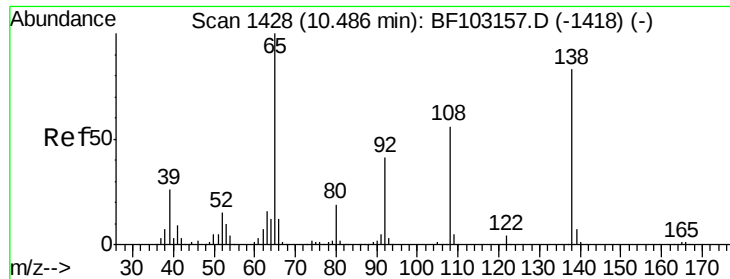


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

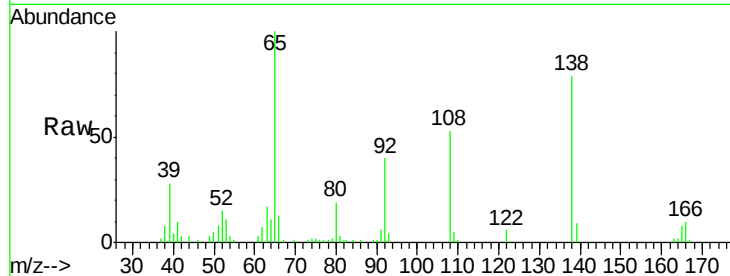




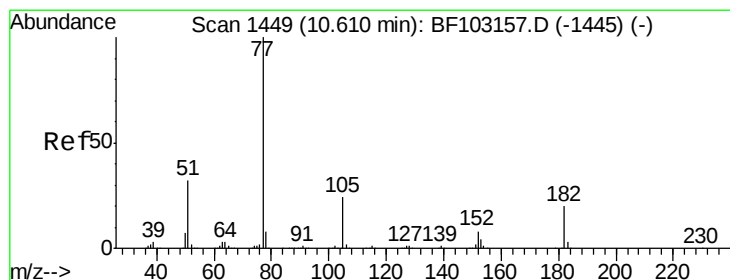
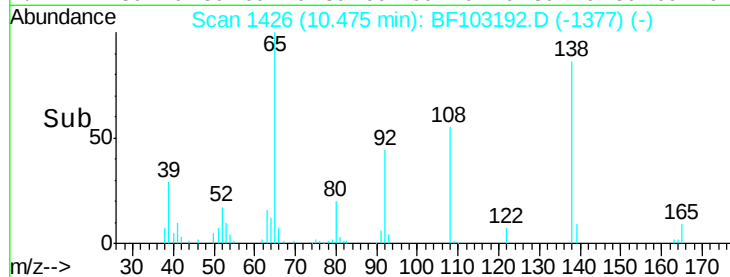
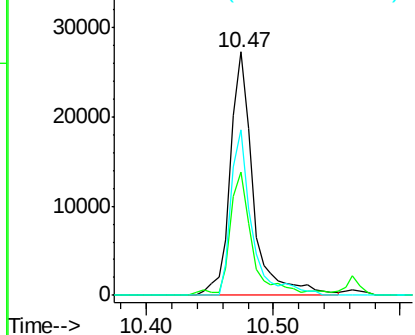
#61
4-Nitroaniline
Concen: 4.501 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 34147
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 67.9 52.5 92.5

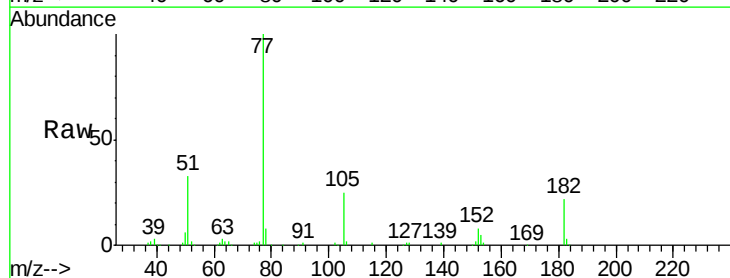


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

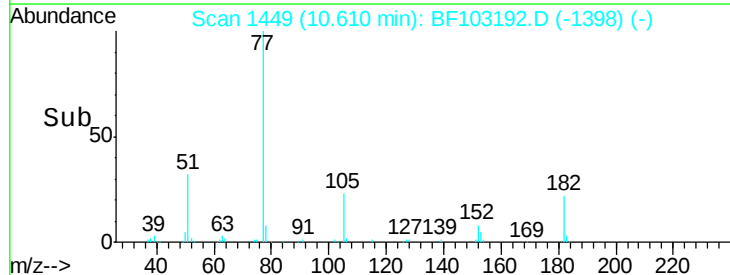
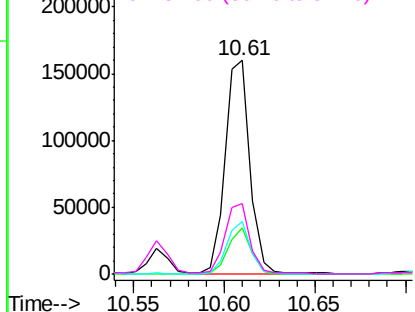


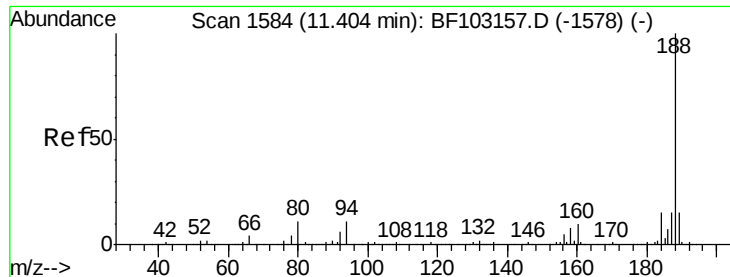
#62
Azobenzene
Concen: 5.500 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion: 77 Resp: 152743
Ion Ratio Lower Upper
77 100
182 21.6 1.7 41.7
105 24.7 3.0 43.0
51 32.8 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

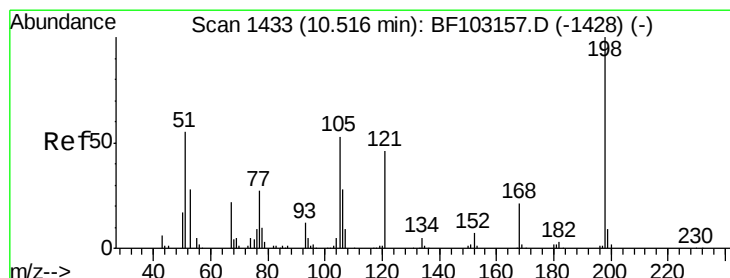
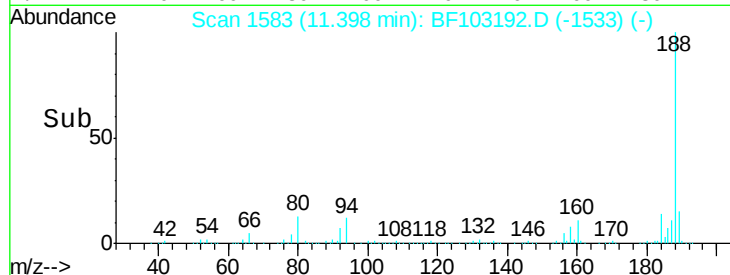
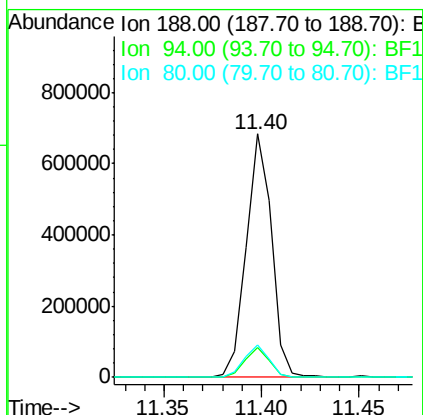
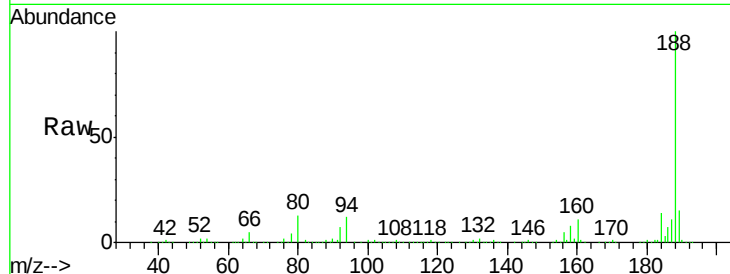




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

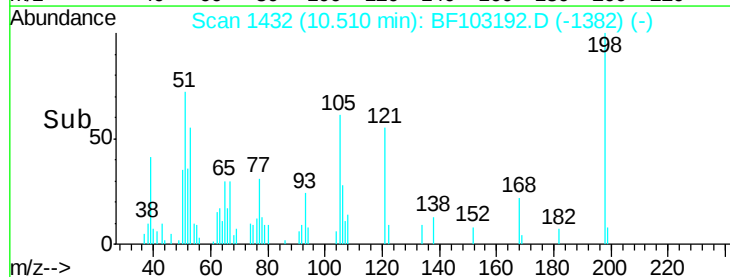
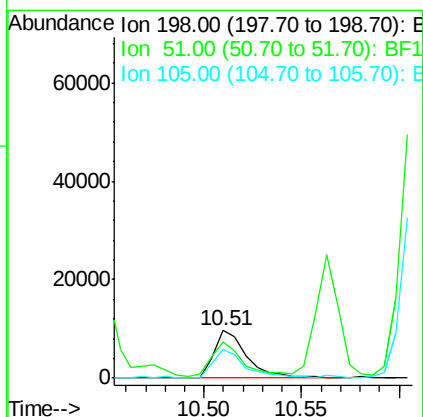
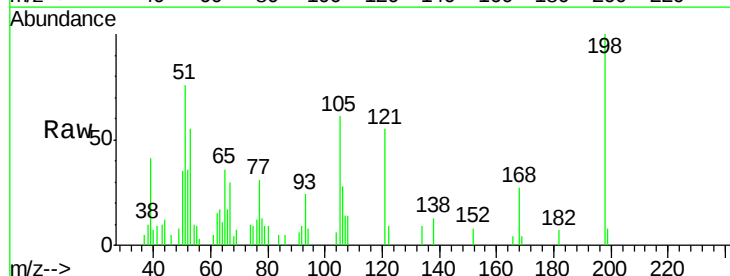
Instrument :
 BNA_F
 ClientSampleId :

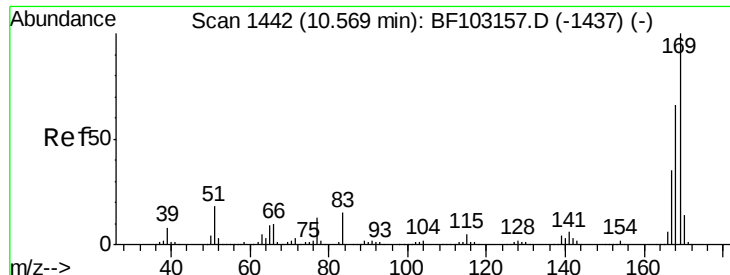
Tot Ion:188 Resp: 616880
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 13.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.656 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:198 Resp: 11344
 Ion Ratio Lower Upper
 198 100
 51 75.5 37.7 77.7
 105 60.8 36.3 76.3

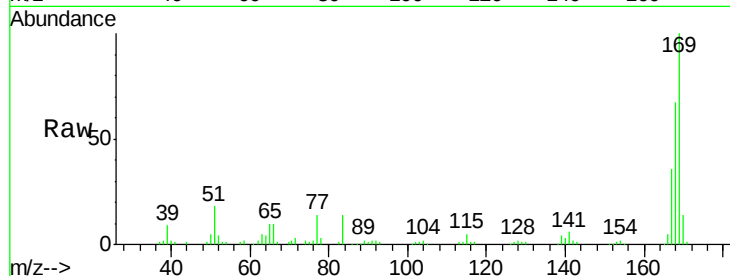




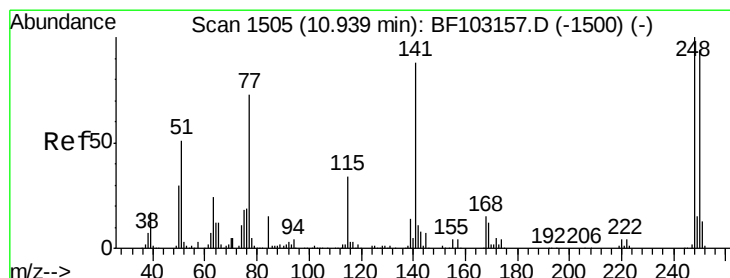
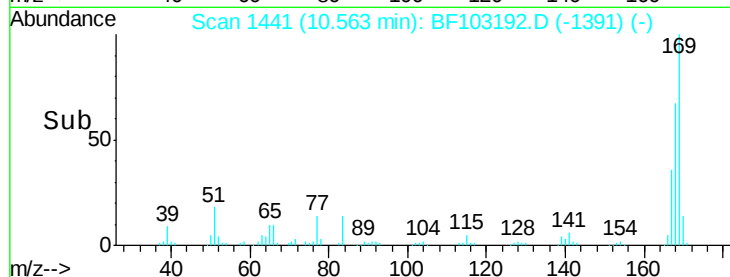
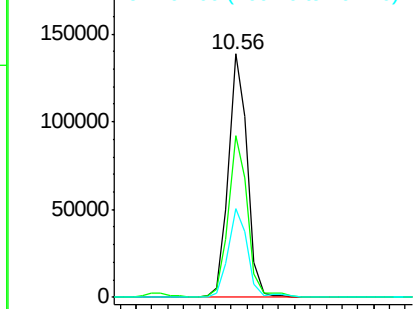
#65
 n-Nitrosodiphenylamine
 Concen: 5.324 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 114356
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.4 29.8 44.6

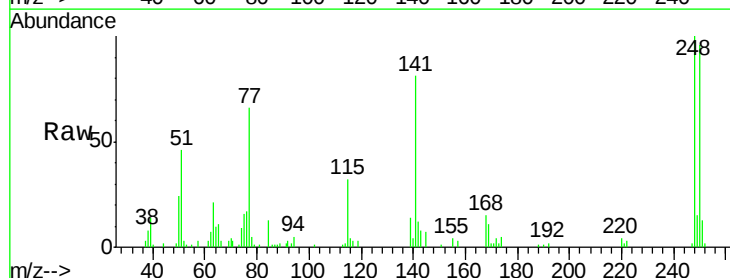


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

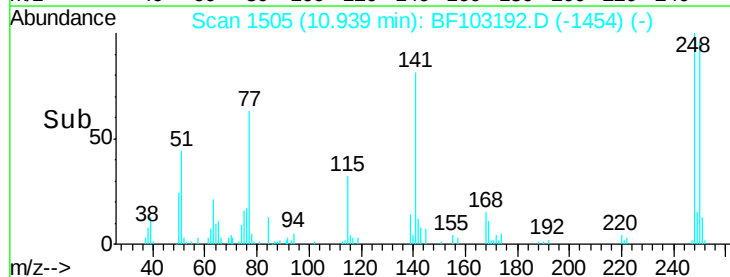
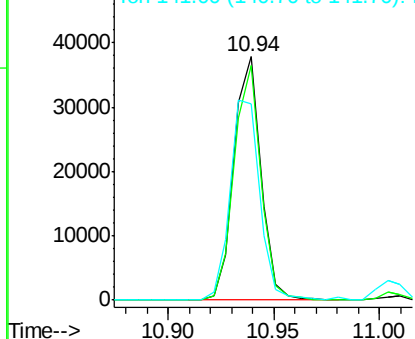


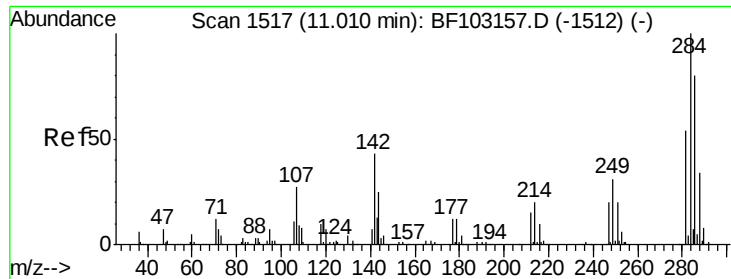
#66
 4-Bromophenyl-phenylether
 Concen: 5.192 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:248 Resp: 33366
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.9 115.3
 141 80.7 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

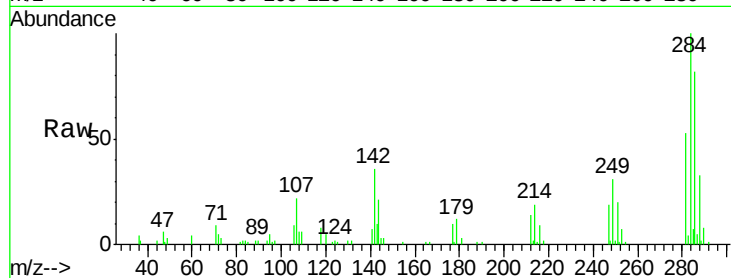




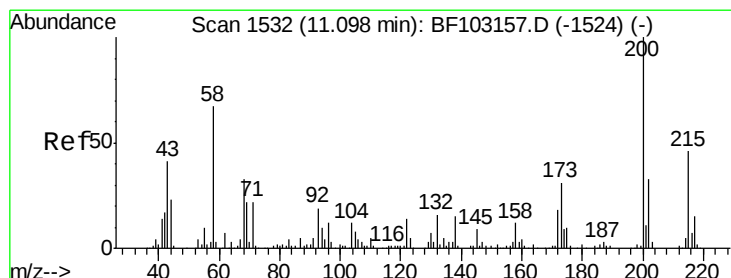
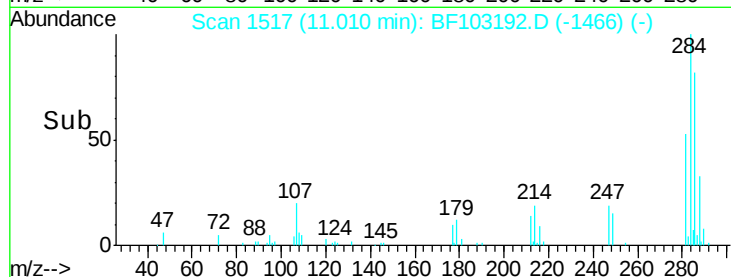
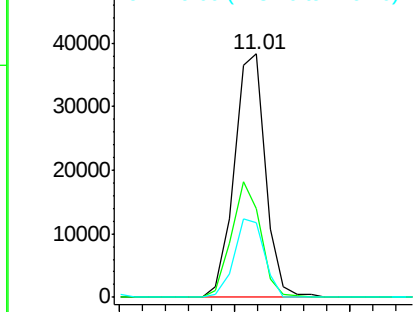
#67
Hexachlorobenzene
Concen: 5.162 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 36003
Ion Ratio Lower Upper
284 100
142 36.2 34.6 52.0
249 30.7 24.8 37.2

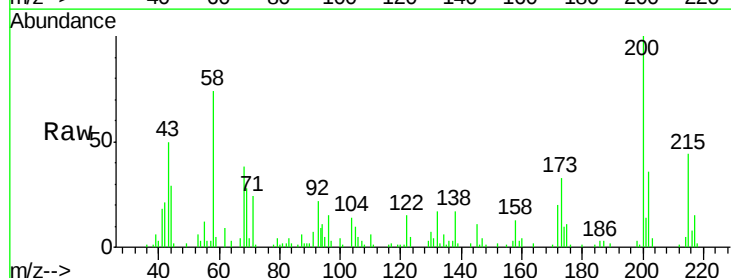


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

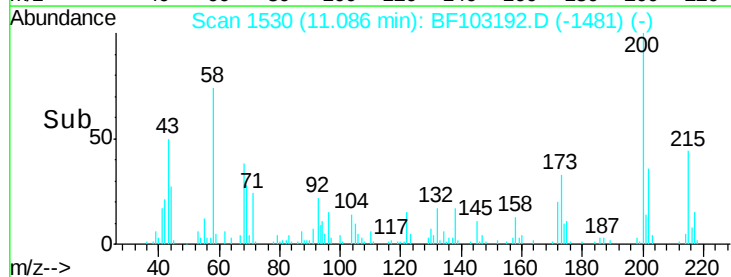
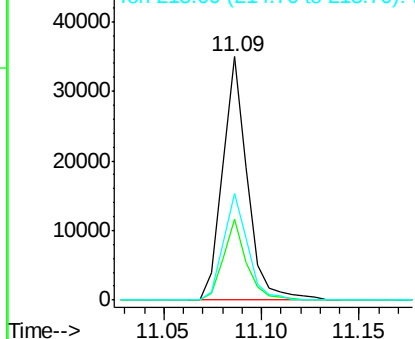


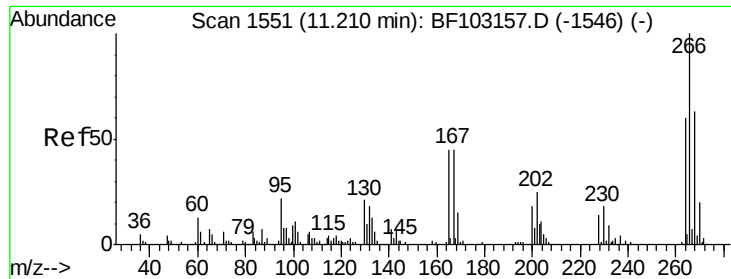
#68
Atrazine
Concen: 4.765 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:200 Resp: 30761
Ion Ratio Lower Upper
200 100
173 33.1 8.6 48.6
215 43.6 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

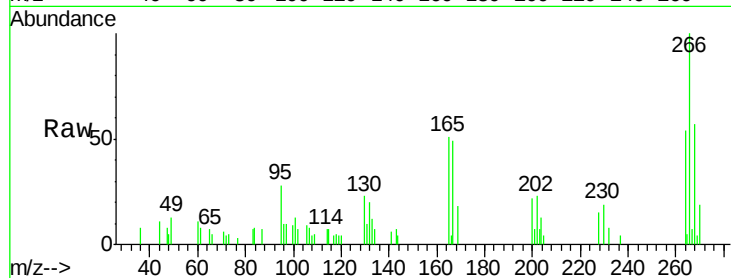




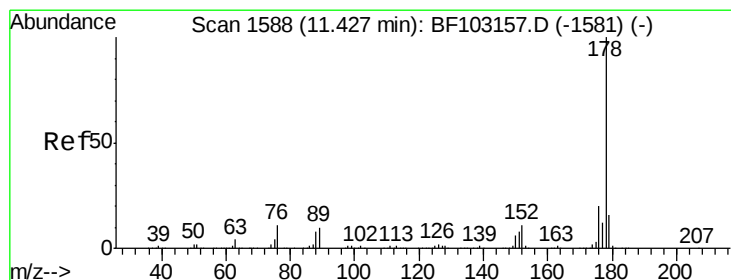
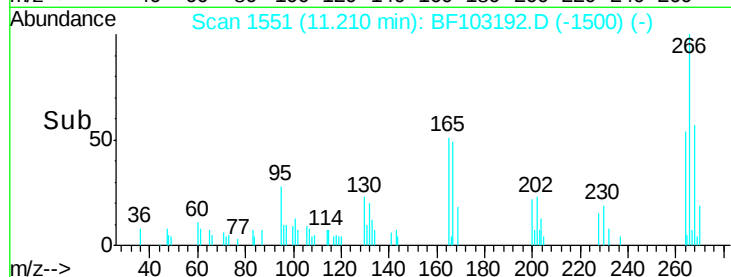
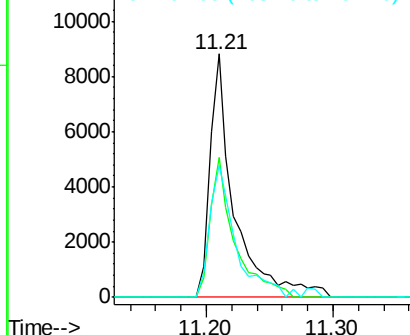
#69
 Pentachlorophenol
 Concen: 3.519 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 11868
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.1 76.7
 264 54.1 49.5 74.3

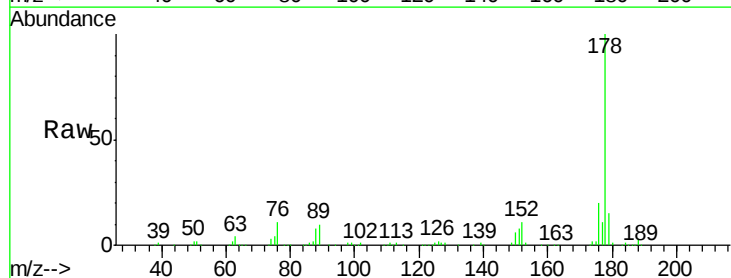


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

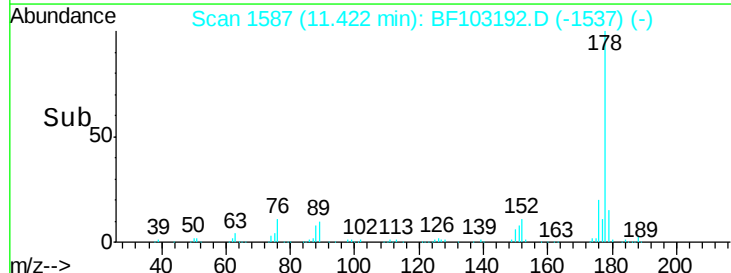
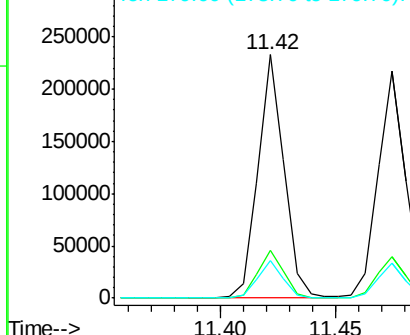


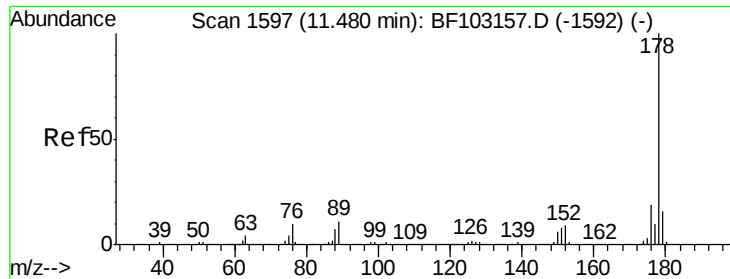
#70
 Phenanthrene
 Concen: 5.424 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:178 Resp: 184139
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.2 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

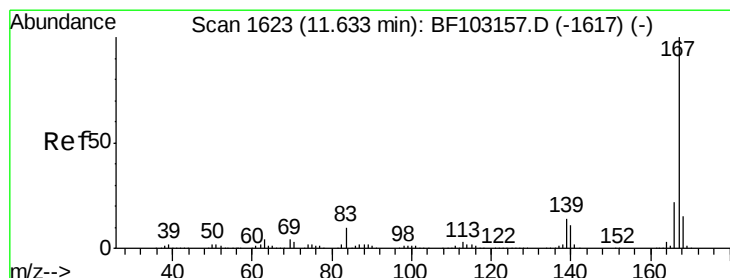
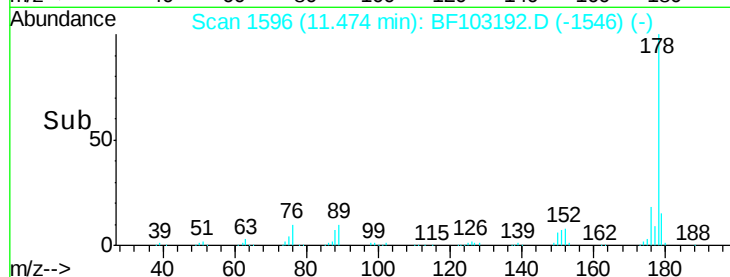
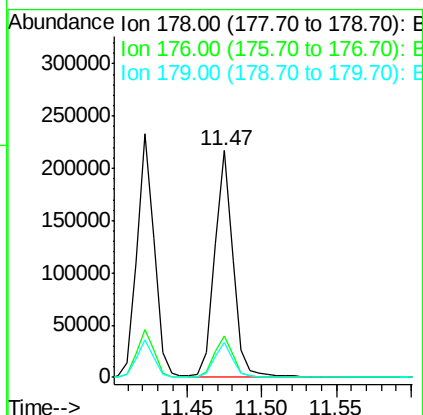
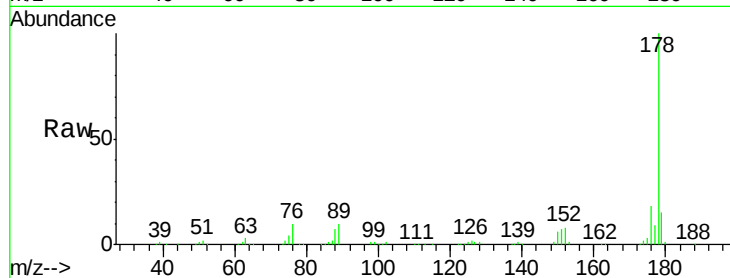




#71
 Anthracene
 Concen: 5.364 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

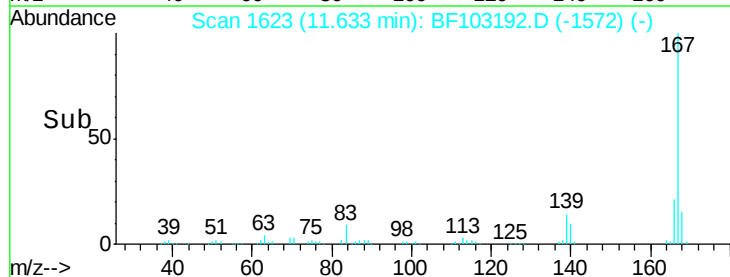
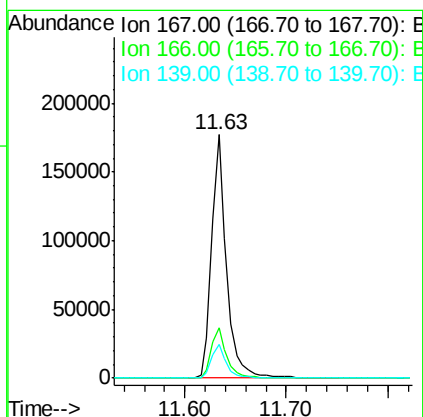
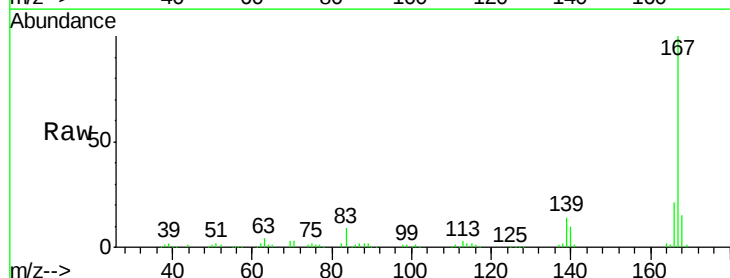
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 186737
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 5.217 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:167 Resp: 180858
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 5.315 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103192.D

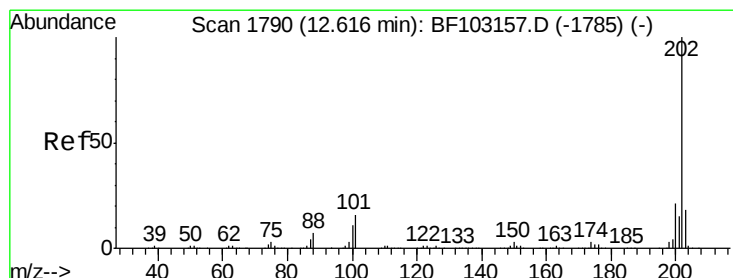
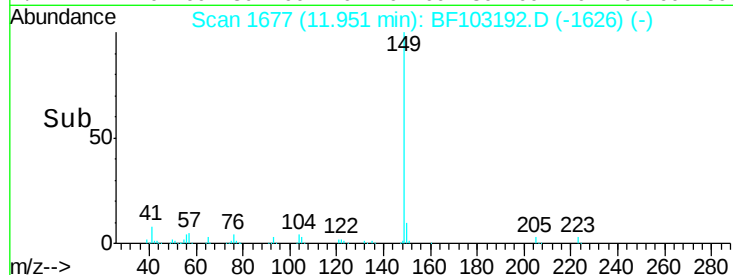
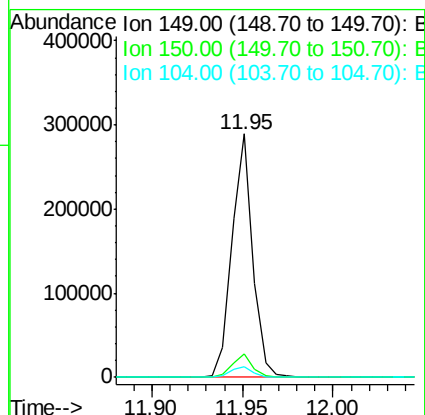
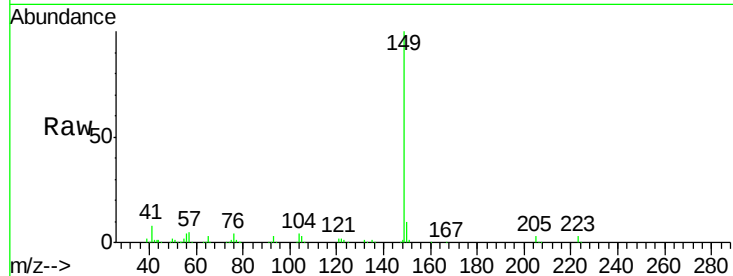
Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	230546
Ion Ratio	Lower	Upper
149	100	
150	9.5	7.8 11.6
104	4.5	3.8 5.8



#74

Fluoranthene

Concen: 5.350 ng

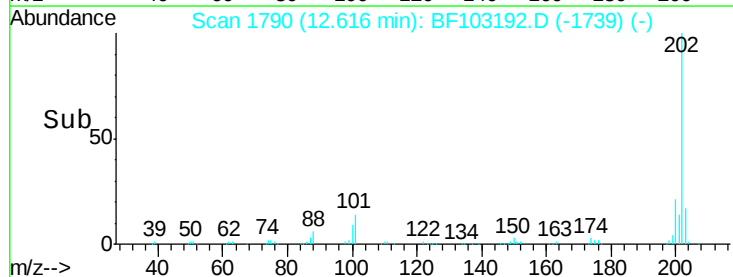
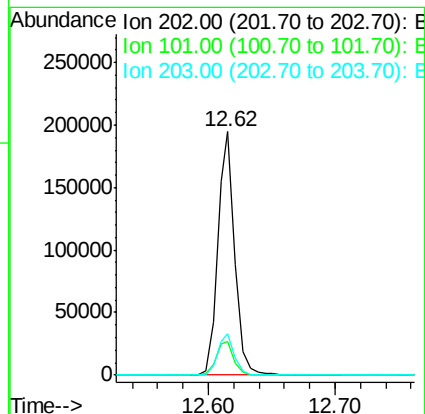
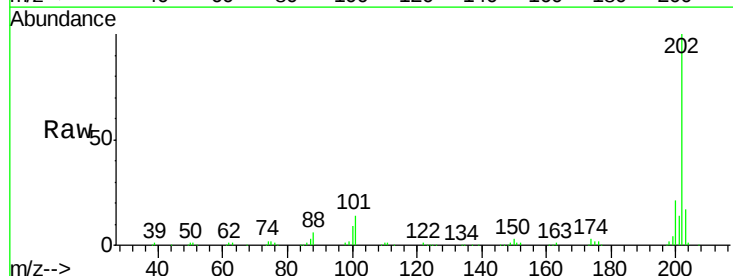
RT: 12.62 min Scan# 1790

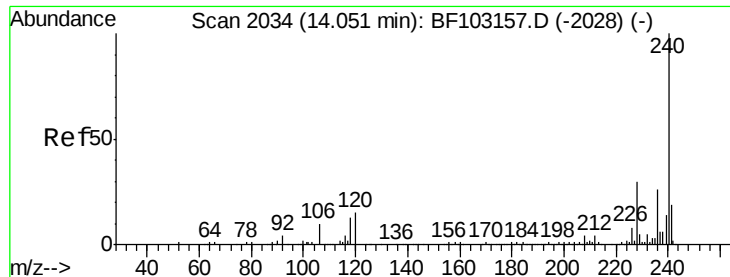
Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:202	Resp:	182502
Ion Ratio	Lower	Upper
202	100	
101	13.9	0.0 34.1
203	16.7	0.0 38.1

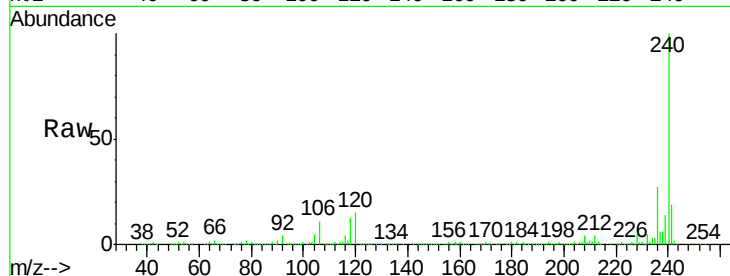




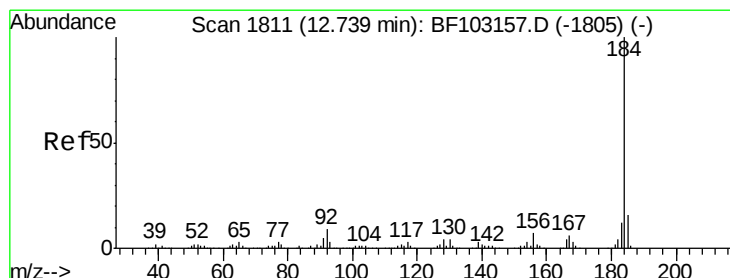
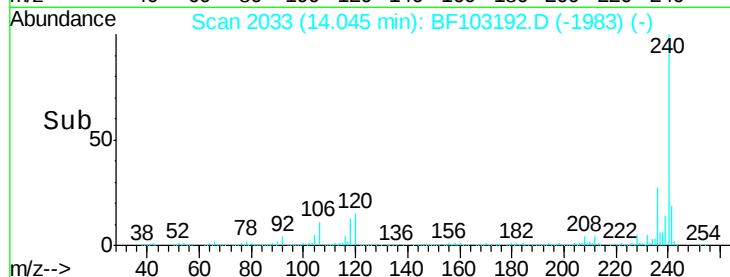
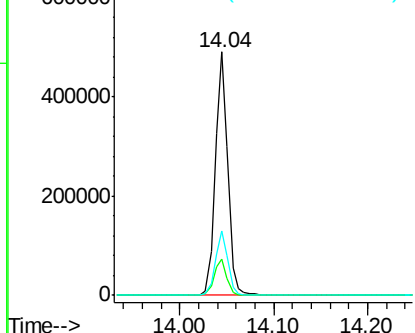
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 461150
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 26.5 20.7 31.1

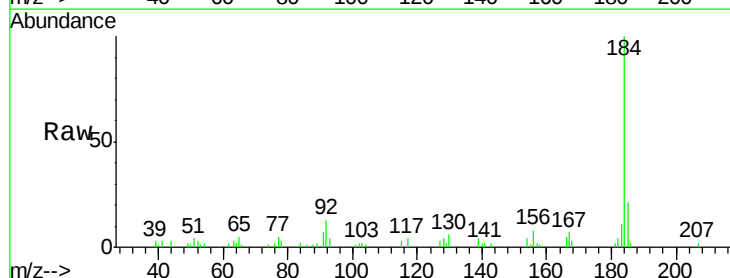


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

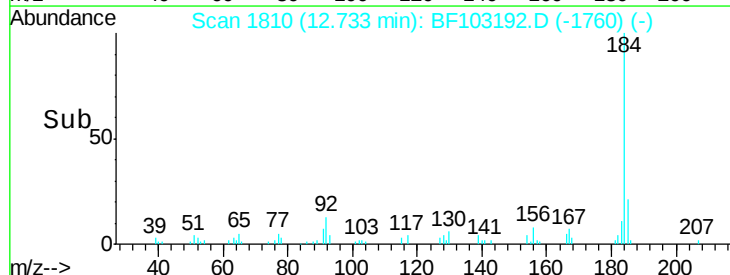
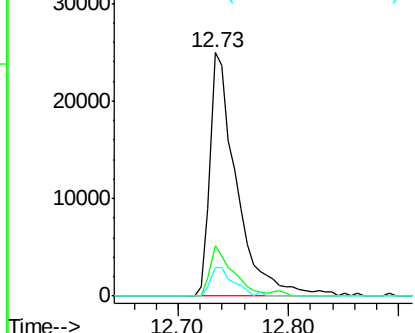


#76
Benzidine
Concen: 2.400 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:184 Resp: 41385
Ion Ratio Lower Upper
184 100
185 20.9 12.6 18.8#
183 11.5 9.3 13.9



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

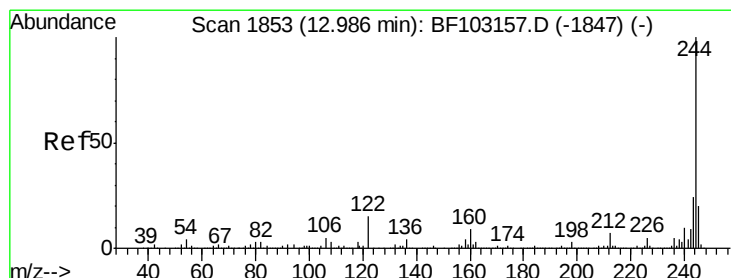
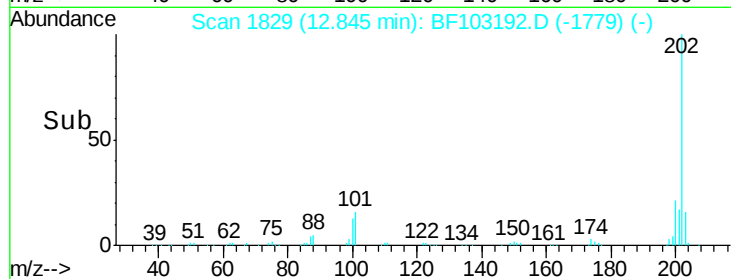
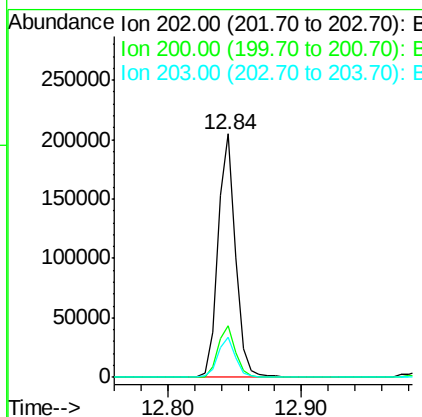
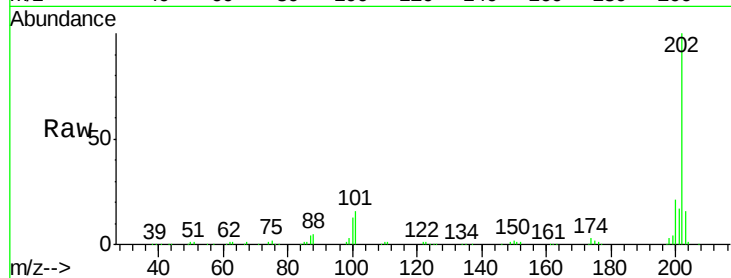




#77
Pvrene
Concen: 5.275 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

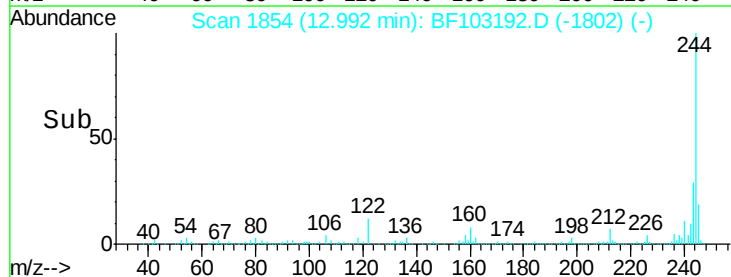
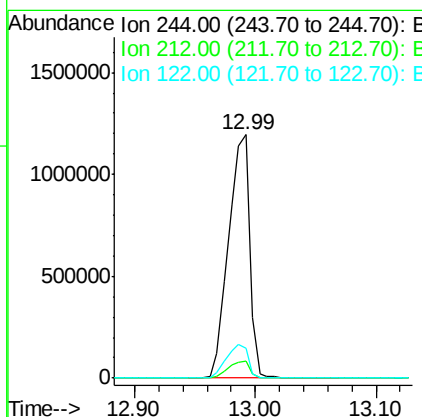
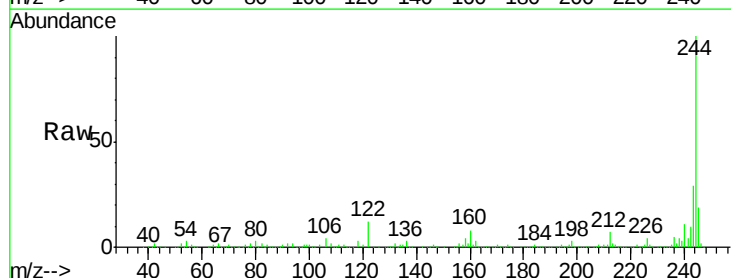
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.3	14.3	21.5



#78
Terphenyl-d14
Concen: 76.186 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4

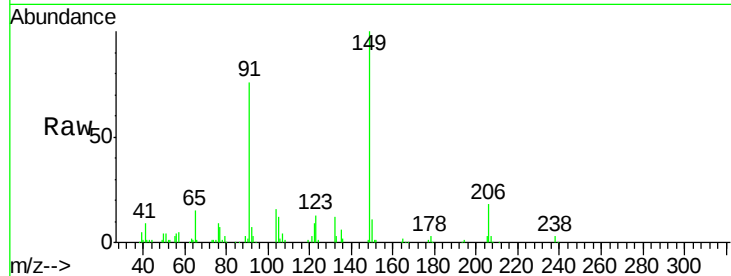




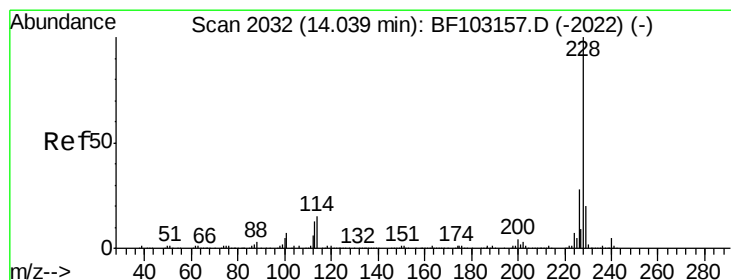
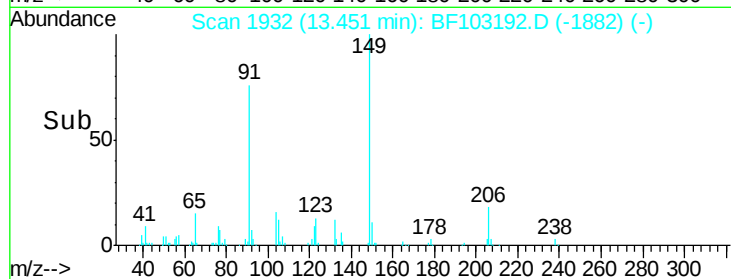
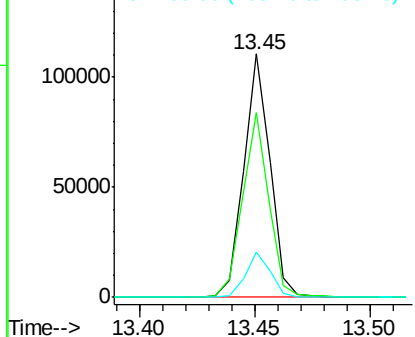
#79
Butylbenzylphthalate
Concen: 4.624 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 87845
Ion Ratio Lower Upper
149 100
91 75.8 56.8 85.2
206 18.5 14.1 21.1

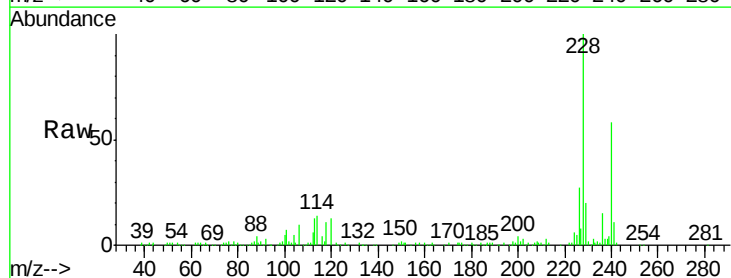


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

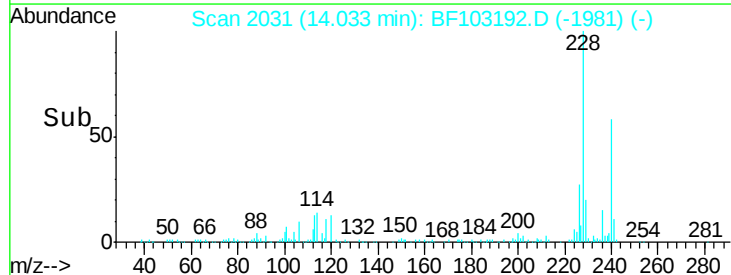
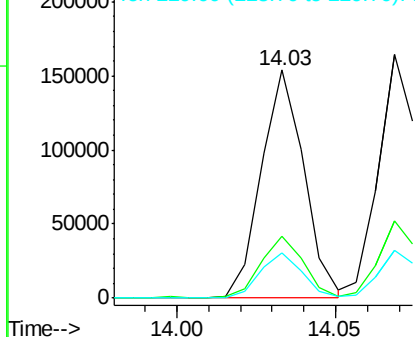


#80
Benzo(a)anthracene
Concen: 4.830 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:228 Resp: 144524
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.8 15.8 23.6



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

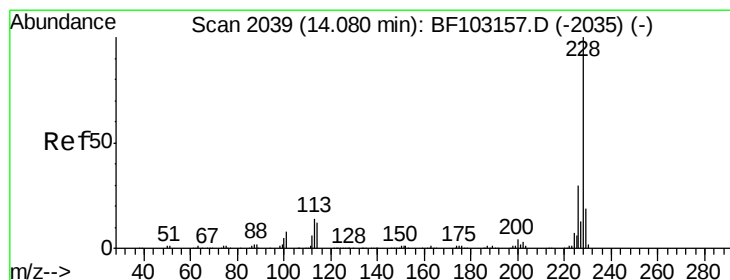
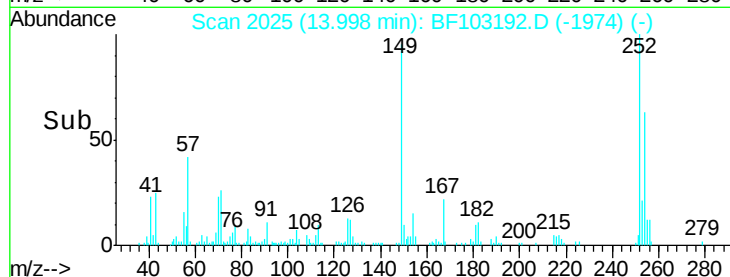
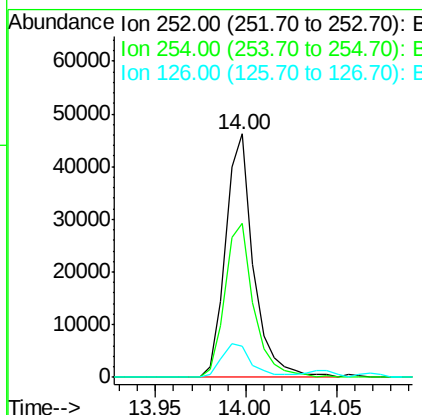
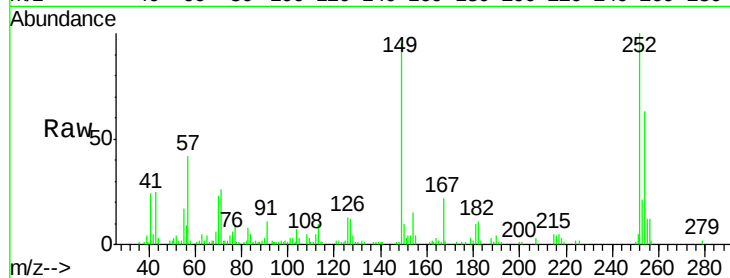




#81
 3,3'-Dichlorobenzidine
 Concen: 4.644 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

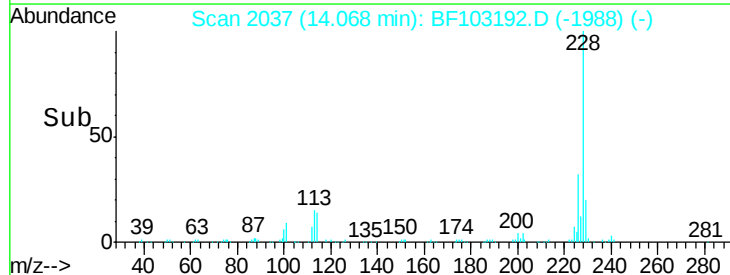
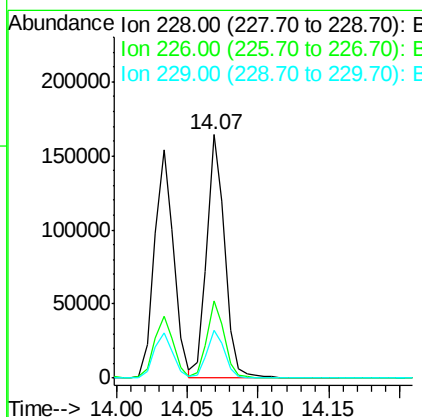
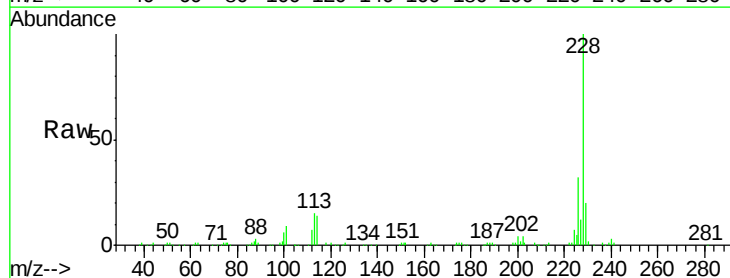
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 49586
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.4 75.6
 126 12.7 11.3 16.9



#82
 Chrysene
 Concen: 5.051 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:228 Resp: 146742
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 19.5 16.2 24.4

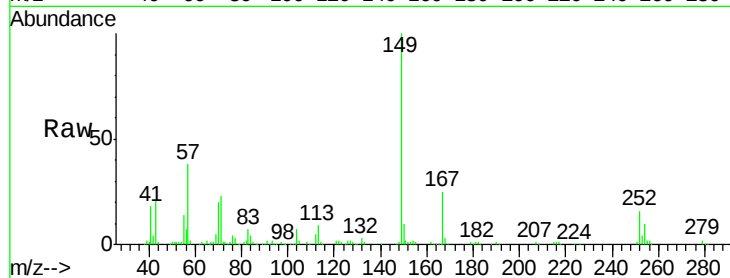




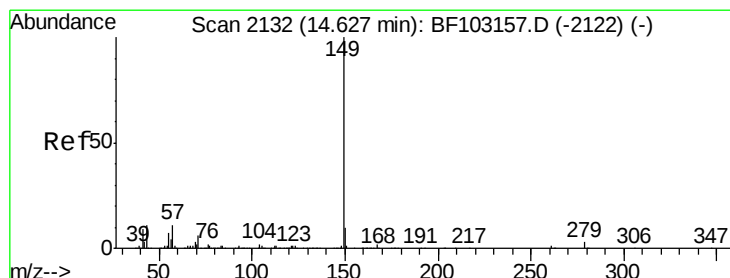
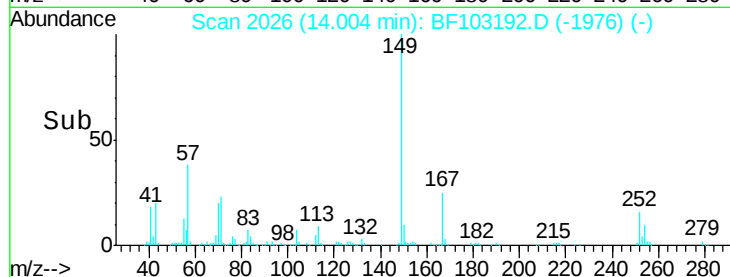
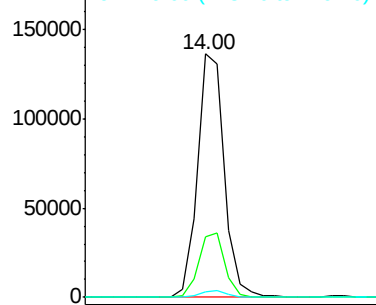
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.043 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 129280
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.3 31.9
 279 2.4 3.0 4.4#

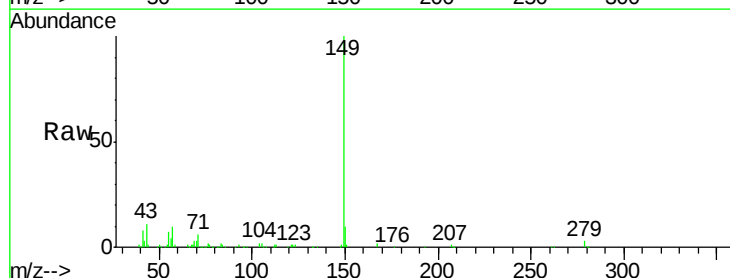


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

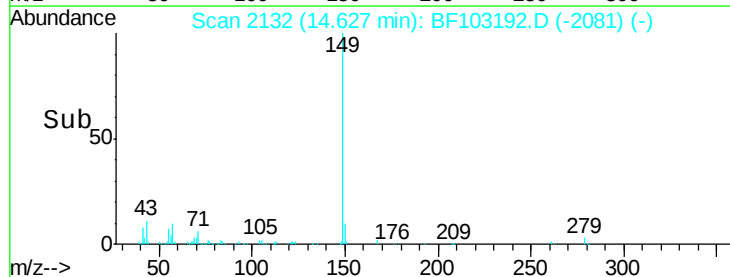
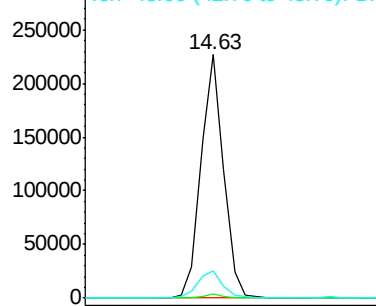


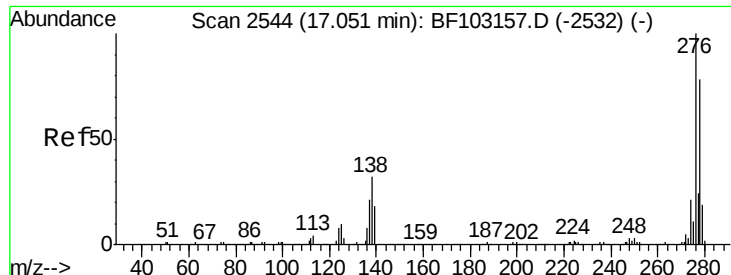
#84
 Di-n-octyl phthalate
 Concen: 4.761 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:149 Resp: 197169
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.7 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.368 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

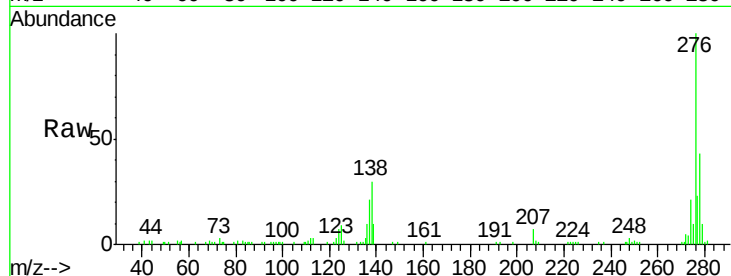
Tot Ion:276 Resp: 123477

Ion Ratio Lower Upper

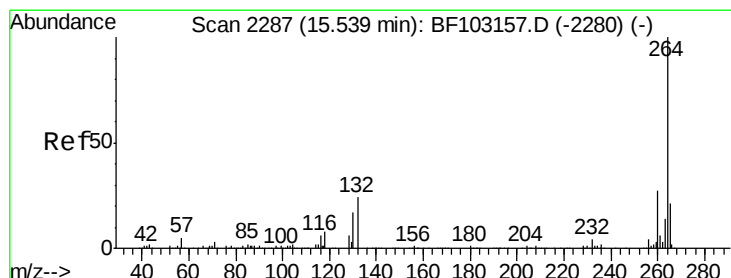
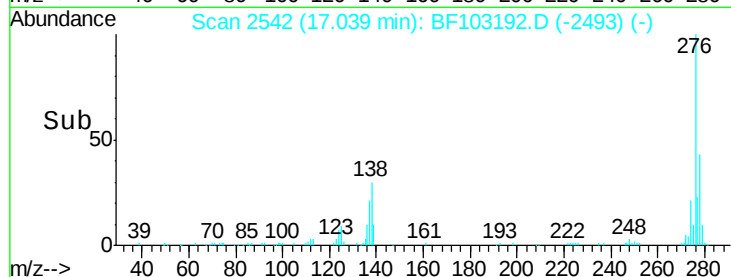
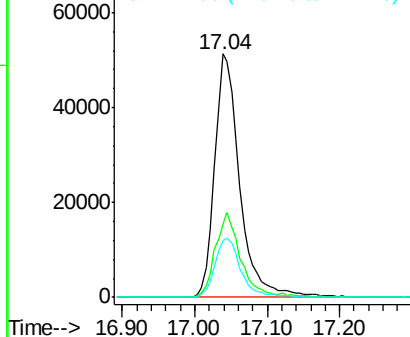
276 100

138 35.5 25.0 37.6

277 25.0 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

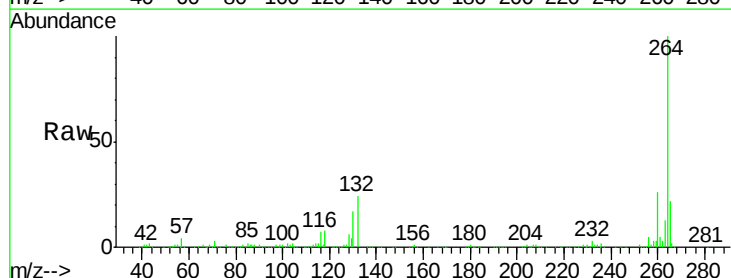
Tgt Ion:264 Resp: 443917

Ion Ratio Lower Upper

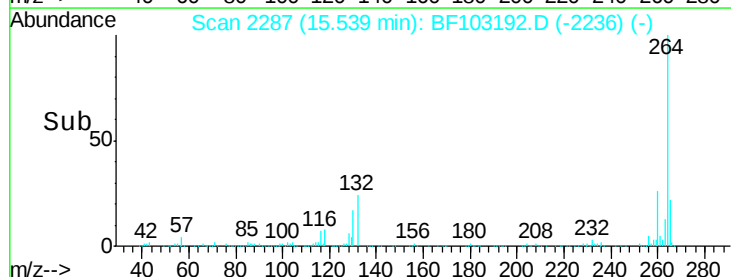
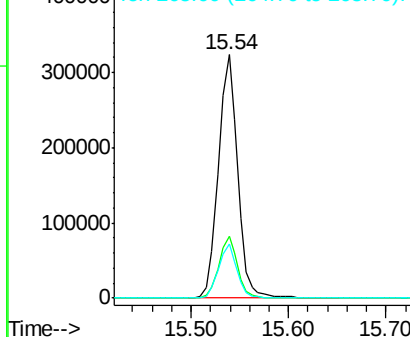
264 100

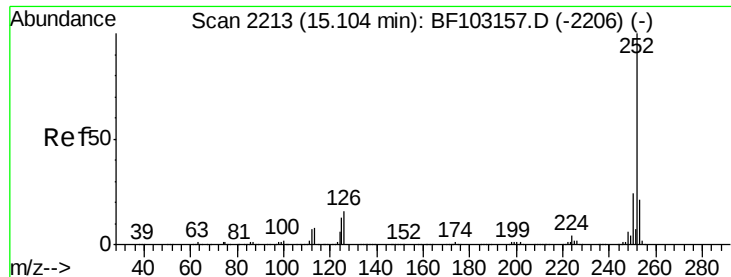
260 25.5 19.2 28.8

265 22.4 17.5 26.3



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

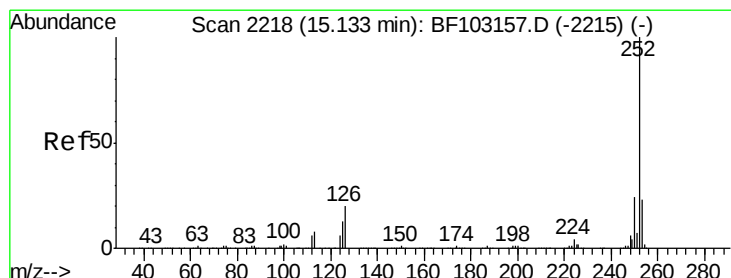
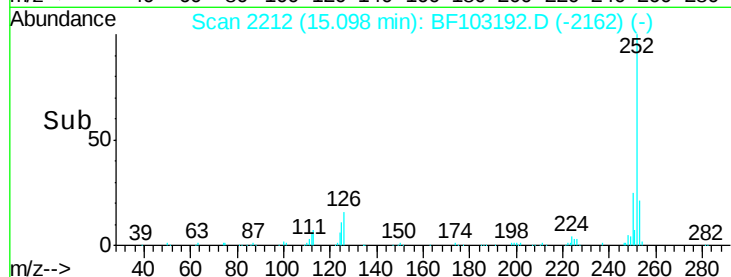
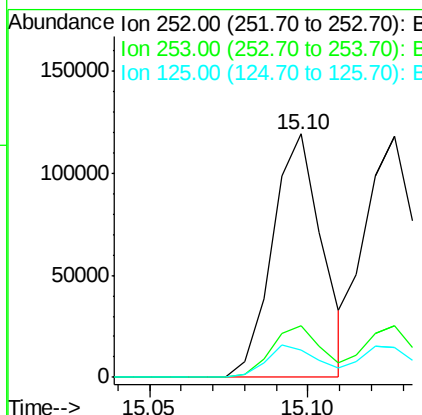
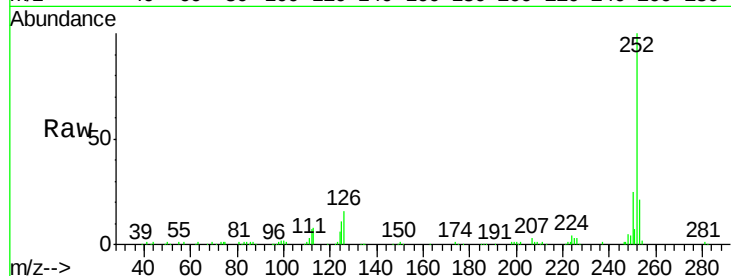




#87
Benzo(b)fluoranthene
Concen: 4.462 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

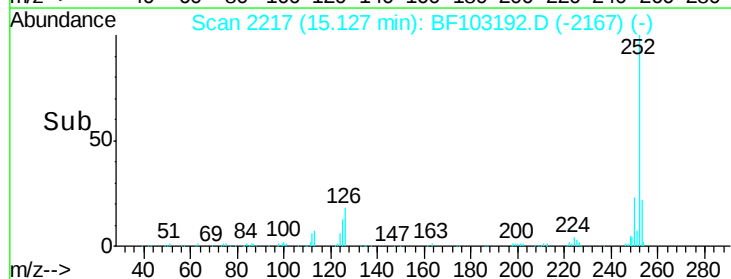
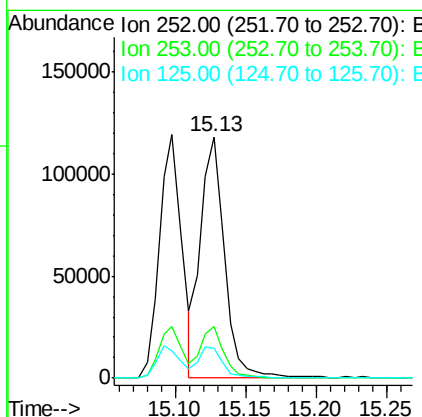
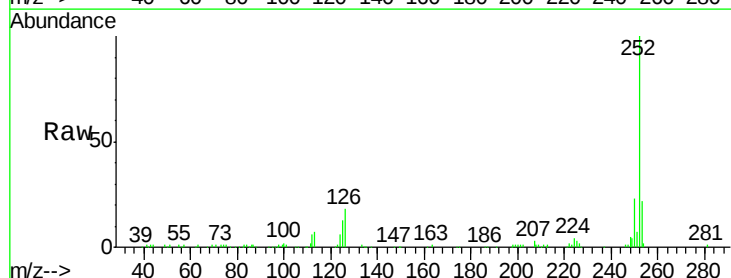
Instrument :
BNA_F
ClientSampleId :

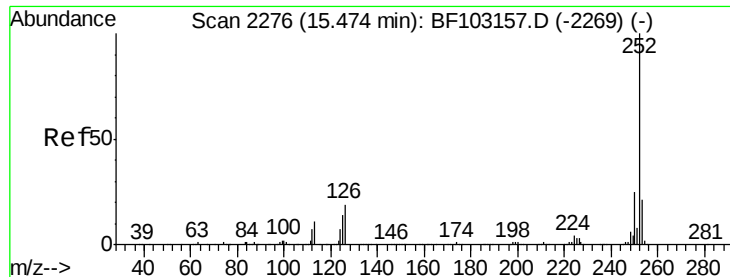
Tot Ion:252 Resp: 130226
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 5.059 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:252 Resp: 139046
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.6 10.2 15.2

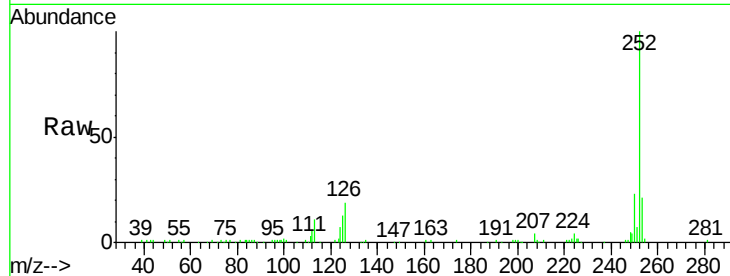




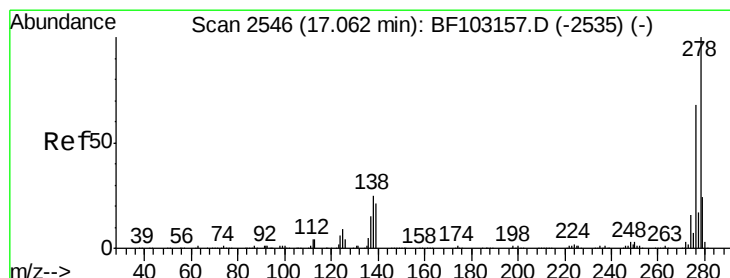
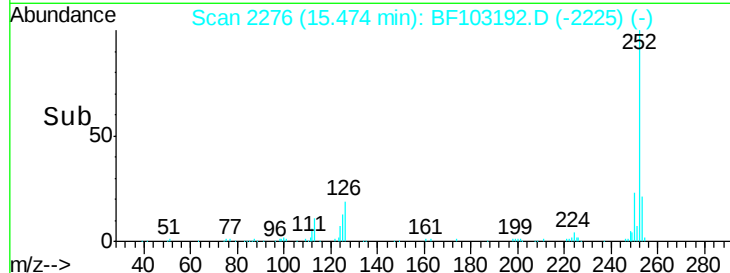
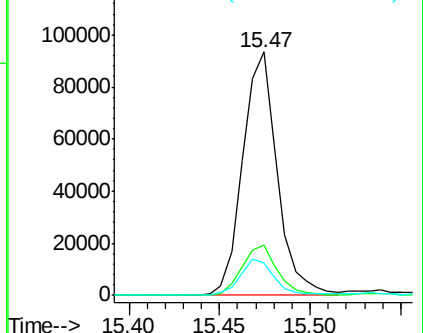
#89
Benzo(a)pyrene
Concen: 4.749 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 123770
Ion Ratio Lower Upper
252 100
253 20.6 17.1 25.7
125 13.5 9.8 14.6

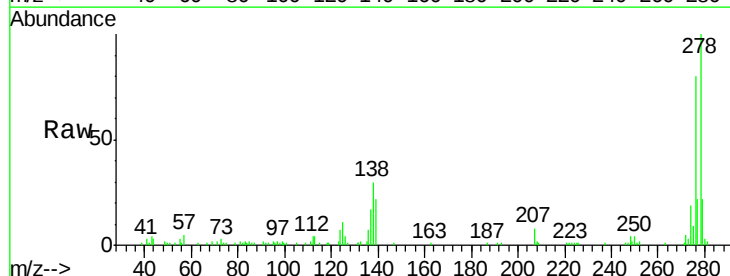


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

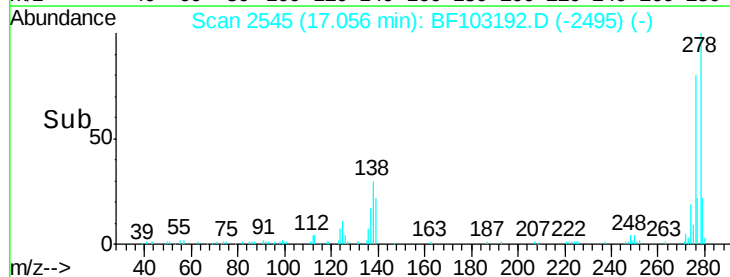
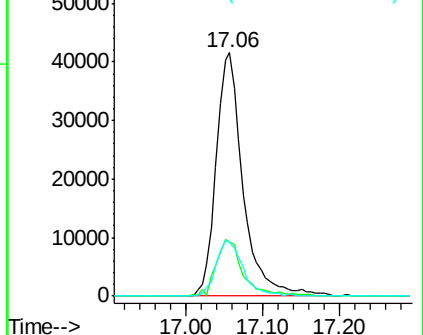


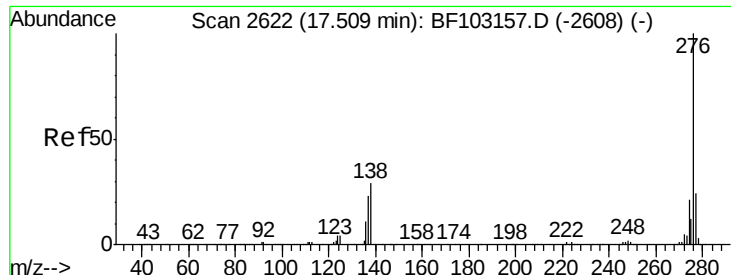
#90
Dibenzo(a,h)anthracene
Concen: 4.981 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:278 Resp: 100326
Ion Ratio Lower Upper
278 100
139 22.1 15.9 23.9
279 22.2 19.0 28.4



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

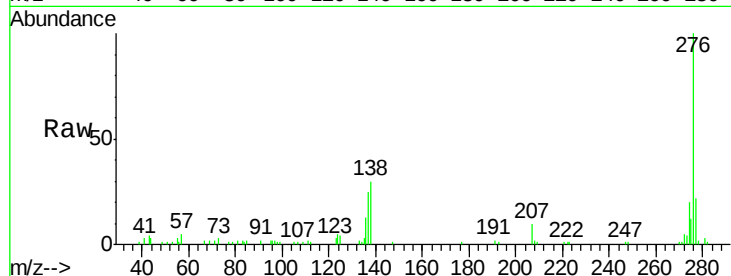




#91
 Benzo(a,h,i)perylene
 Concen: 5.255 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.0	17.9	26.9
138	29.7	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

