

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102892.D
 Acq On : 9 Feb 2018 16:48
 Operator : SJ/JU
 Sample : PB106115BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 22:06:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	174784	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	720923	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	298323	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	430245	20.00	ng	0.00
75) Chrysene-d12	14.06	240	305817	20.00	ng	0.01
86) Perylene-d12	15.54	264	300935	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1290727	112.15	ng	0.02
7) Phenol-d6	6.52	99	1543340	111.37	ng	0.02
23) Nitrobenzene-d5	7.45	82	1026070	98.73	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	251509	104.75	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1518981	84.49	ng	0.00
78) Terphenyl-d14	13.00	244	1054577	81.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	210499	37.03	ng	89
3) Pyridine	3.50	79	600158	38.21	ng	93
4) n-Nitrosodimethylamine	3.45	42	317153	47.20	ng	# 89
6) Aniline	6.55	93	322935	15.78	ng	94
8) 2-Chlorophenol	6.67	128	474620	40.06	ng	94
9) Benzaldehyde	6.43	77	239965	23.32	ng	96
10) Phenol	6.53	94	607484	40.91	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	488953	39.57	ng	90
12) 1,3-Dichlorobenzene	6.83	146	502174	36.60	ng	96
13) 1,4-Dichlorobenzene	6.90	146	507927	37.16	ng	99
14) 1,2-Dichlorobenzene	7.06	146	465532	36.57	ng	99
15) Benzyl Alcohol	7.03	79	443527	41.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	867142	36.94	ng	99
17) 2-Methylphenol	7.14	107	414743	37.95	ng	98
18) Hexachloroethane	7.40	117	178182	38.02	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	342928	37.53	ng	93
20) 3+4-Methylphenols	7.29	107	479852	35.60	ng	# 81
22) Acetophenone	7.30	105	647713	36.71	ng	# 93
24) Nitrobenzene	7.47	77	546938	44.74	ng	95
25) Isophorone	7.70	82	1005780	42.03	ng	96
26) 2-Nitrophenol	7.79	139	252332	49.84	ng	96
27) 2,4-Dimethylphenol	7.82	122	451225	44.63	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	617487	43.56	ng	99
29) 2,4-Dichlorophenol	8.03	162	383481	41.73	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	383480	36.88	ng	98
31) Naphthalene	8.19	128	1329248	37.74	ng	99
32) Benzoic acid	7.93	122	201787	33.18	ng	98
33) 4-Chloroaniline	8.24	127	131861	8.69	ng	96
34) Hexachlorobutadiene	8.30	225	194801	36.56	ng	98
35) Caprolactam	8.62	113	130109	40.76	ng	# 80
36) 4-Chloro-3-methylphenol	8.72	107	426569	41.31	ng	99
37) 2-Methylnaphthalene	8.89	142	861873	37.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	327747	40.35	ng	98
40) Hexachlorocyclopentadiene	9.03	237	86147	22.31	ng	97

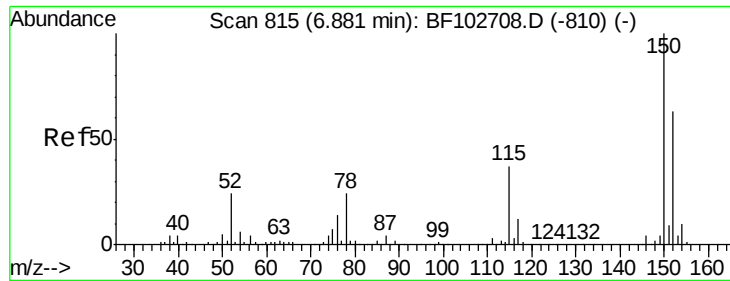
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102892.D
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 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	234333	43.92	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	238040	39.59	nq	97
45) 1,1'-Biphenyl	9.35	154	978936	38.96	nq	99
46) 2-Chloronaphthalene	9.37	162	771369	38.99	nq	98
47) 2-Nitroaniline	9.47	65	304774	49.79	nq	87
48) Acenaphthylene	9.79	152	1138413	37.05	nq	99
49) Dimethylphthalate	9.65	163	930638	40.01	nq	100
50) 2,6-Dinitrotoluene	9.71	165	194226	43.89	nq	# 86
51) Acenaphthene	9.96	154	672947	36.62	nq	99
52) 3-Nitroaniline	9.87	138	120927	22.21	nq	96
53) 2,4-Dinitrophenol	9.99	184	27035	33.20	nq	# 21
54) Dibenzofuran	10.13	168	991623	38.30	nq	96
55) 4-Nitrophenol	10.04	139	297598	67.18	nq	89
56) 2,4-Dinitrotoluene	10.12	165	241506	41.16	nq	95
57) Fluorene	10.47	166	712127	37.80	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	161705	38.80	nq	95
59) Diethylphthalate	10.35	149	898251	39.11	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	335563	40.26	nq	95
61) 4-Nitroaniline	10.49	138	175870	33.93	nq	99
62) Azobenzene	10.63	77	915422	39.90	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	24833	21.13	nq	92
65) n-Nitrosodiphenylamine	10.59	169	657918	43.35	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	194291	42.69	nq	96
67) Hexachlorobenzene	11.03	284	192002	38.24	nq	93
68) Atrazine	11.11	200	196829	43.96	nq	97
69) Pentachlorophenol	11.22	266	179451	60.89	nq	99
70) Phenanthrene	11.44	178	905709	37.80	nq	99
71) Anthracene	11.49	178	926151	38.00	nq	100
72) Carbazole	11.65	167	871404	36.50	nq	98
73) Di-n-butylphthalate	11.97	149	1251663	43.16	nq	99
74) Fluoranthene	12.63	202	848479	35.19	nq	99
76) Benzidine	12.75	184	508668	36.19	nq	97
77) Pyrene	12.86	202	867618	36.18	nq	99
79) Butylbenzylphthalate	13.47	149	475640	41.60	nq	95
80) Benzo(a)anthracene	14.05	228	779824	40.55	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	290947	40.80	nq	98
82) Chrysene	14.09	228	738834	38.11	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	680707	46.34	nq	99
84) Di-n-octyl phthalate	14.64	149	1185911	53.76	nq	96
85) Indeno(1,2,3-cd)pyrene	17.05	276	625304	38.89	nq	97
87) Benzo(b)fluoranthene	15.11	252	782338	40.10	nq	98
88) Benzo(k)fluoranthene	15.14	252	741564	39.78	nq	99
89) Benzo(a)pyrene	15.49	252	711124	40.49	nq	98
90) Dibenzo(a,h)anthracene	17.07	278	539152	37.82	nq	99
91) Benzo(g,h,i)perylene	17.51	276	503442	36.08	nq	97

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

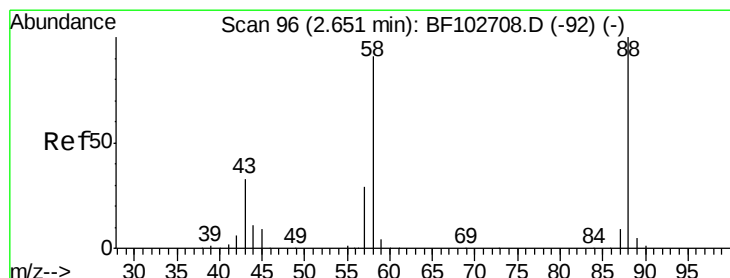
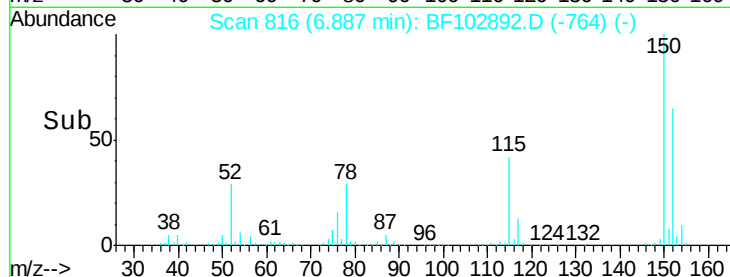
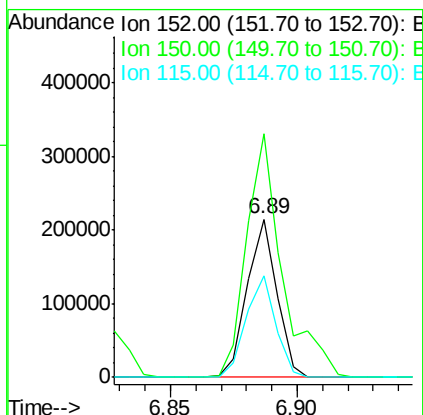
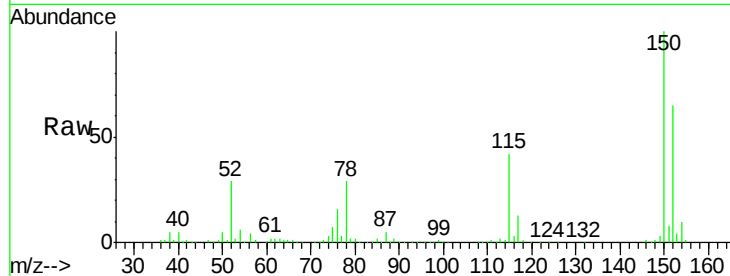


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :

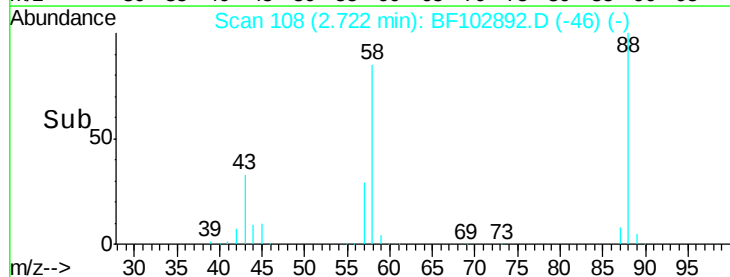
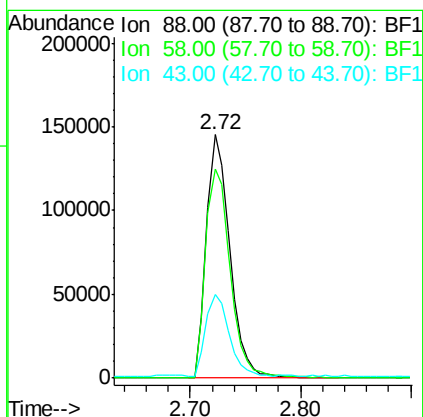
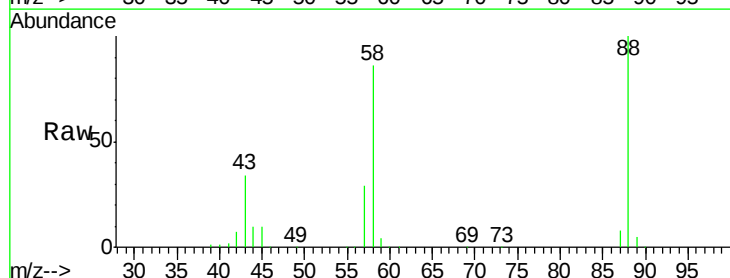
Tot Ion:152 Resp: 174784
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 64.2 50.1 75.1

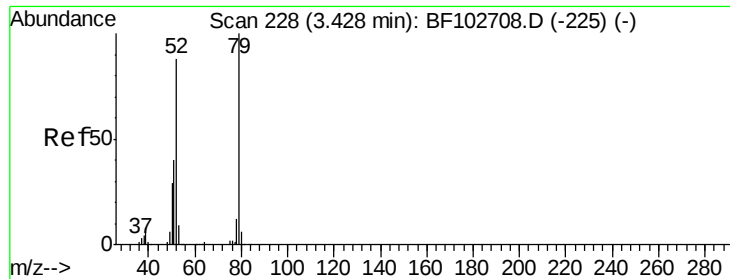


#2

1,4-Dioxane
Concen: 37.03 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion: 88 Resp: 210499
Ion Ratio Lower Upper
88 100
58 90.3 62.6 93.8
43 33.2 24.6 37.0





#3

Pvridine

Concen: 38.21 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.06 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampled :

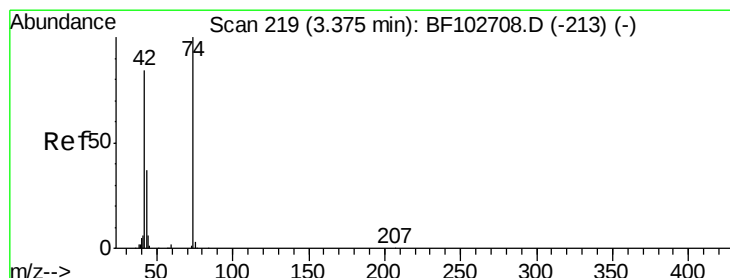
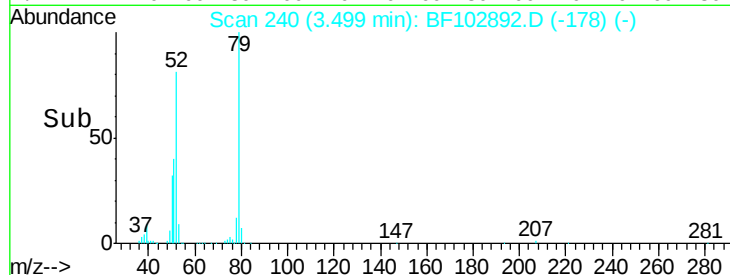
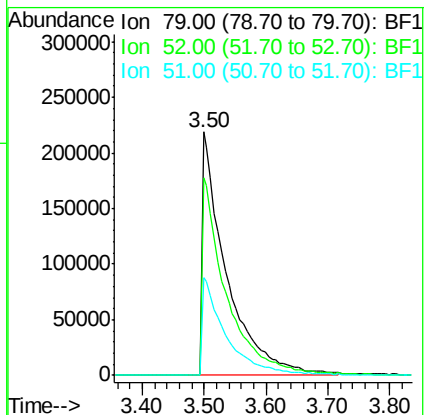
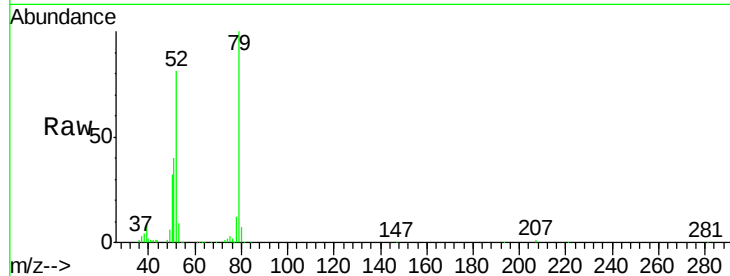
Tot Ion: 79 Resp: 600158

Ion Ratio Lower Upper

79 100

52 81.3 59.8 89.6

51 40.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 47.20 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

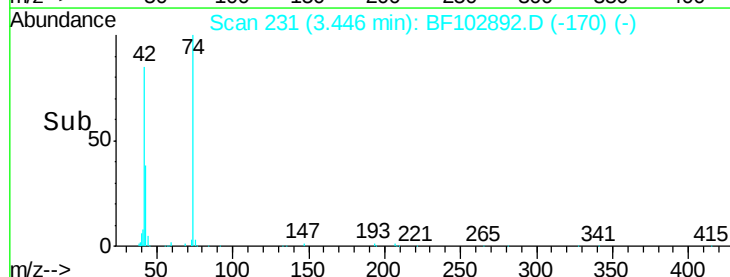
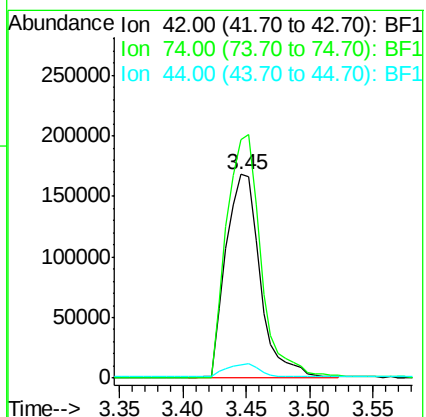
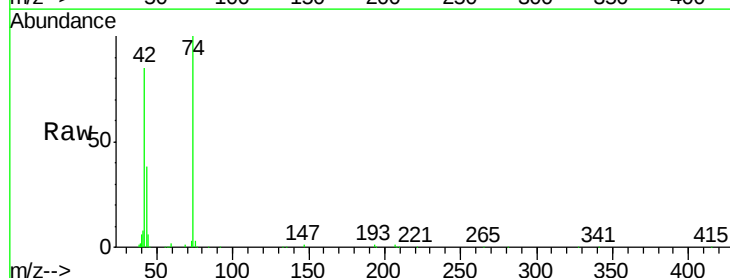
Tgt Ion: 42 Resp: 317153

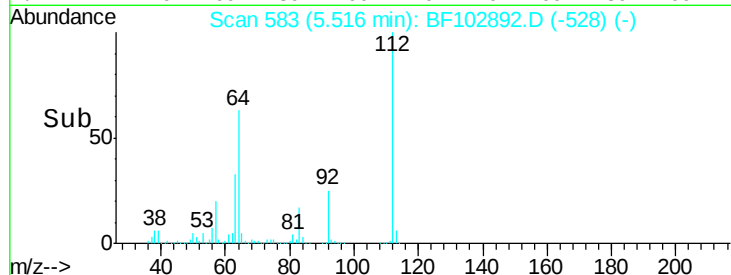
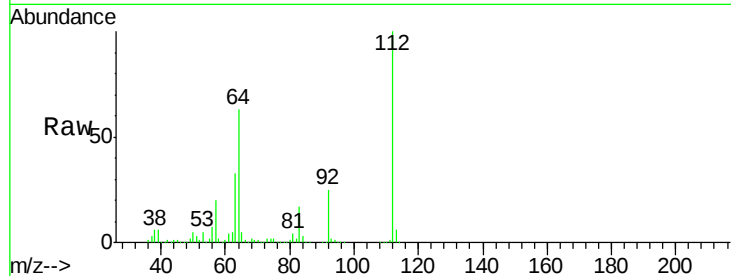
Ion Ratio Lower Upper

42 100

74 117.3 104.9 157.3

44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 112.15 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

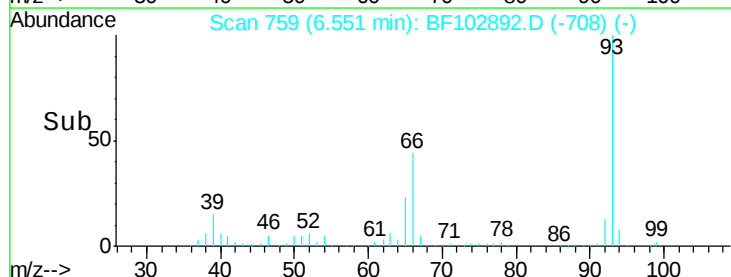
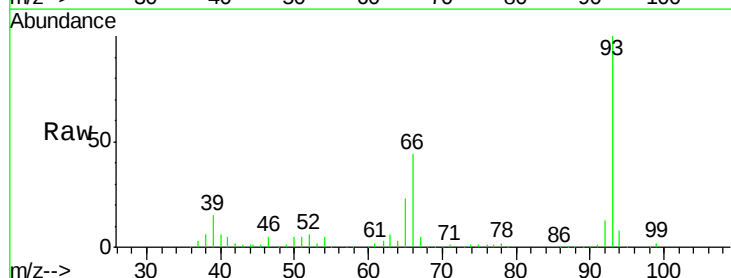
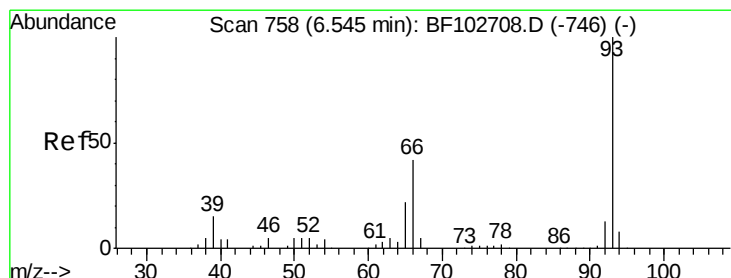
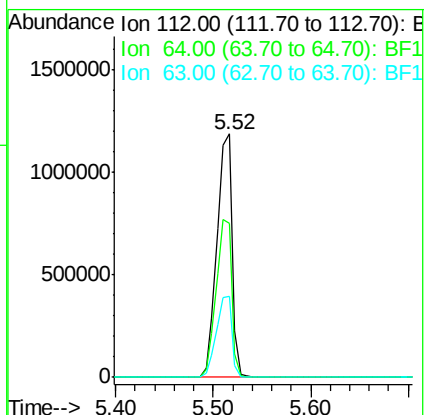
Tot Ion:112 Resp: 1290727

Ion Ratio Lower Upper

112 100

64 63.4 47.9 71.9

63 33.1 23.7 35.5



#6

Aniline

Concen: 15.78 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

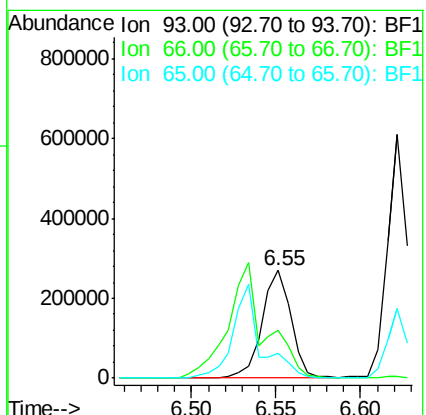
Tgt Ion: 93 Resp: 322935

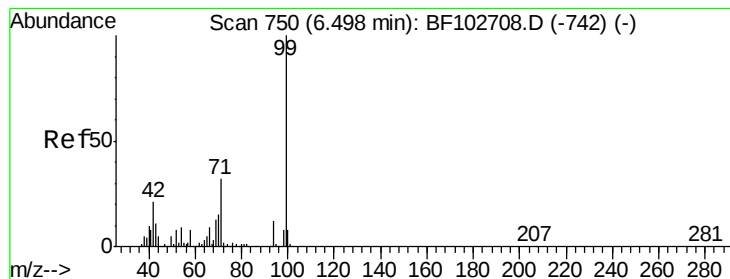
Ion Ratio Lower Upper

93 100

66 44.4 32.2 48.2

65 22.7 16.4 24.6





#7

Phenol-d6

Concen: 111.37 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

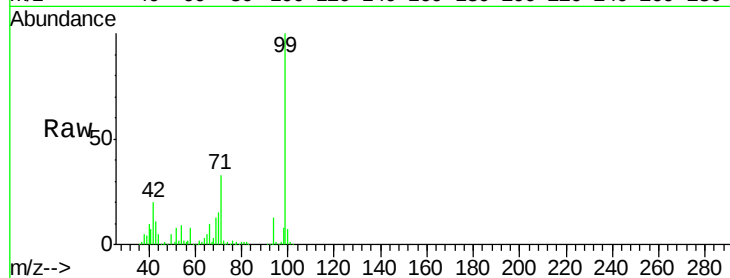
Tot Ion: 99 Resp: 1543340

Ion Ratio Lower Upper

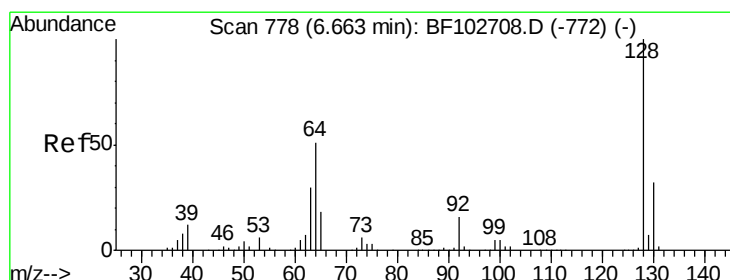
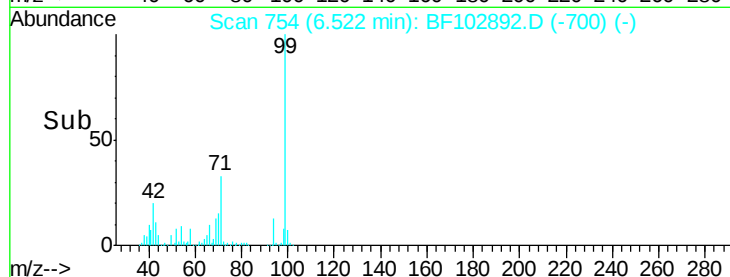
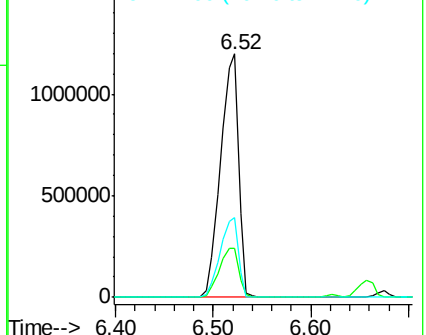
99 100

42 20.3 14.5 21.7

71 33.0 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: 40.06 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

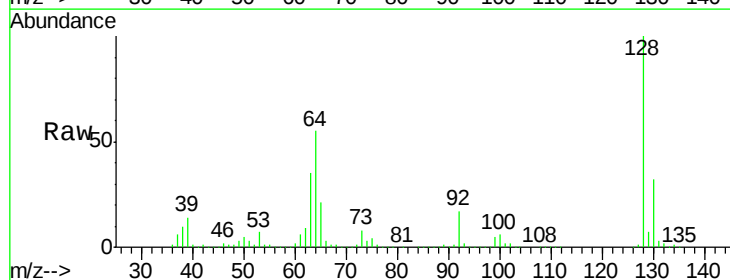
Tgt Ion:128 Resp: 474620

Ion Ratio Lower Upper

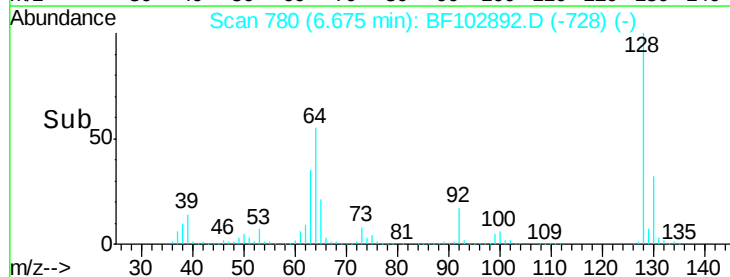
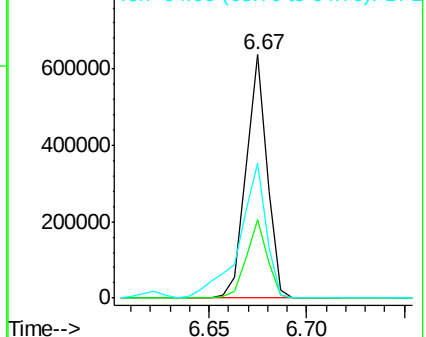
128 100

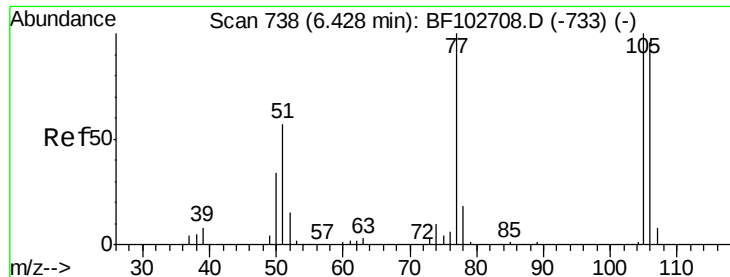
130 32.0 13.0 53.0

64 55.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 23.32 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

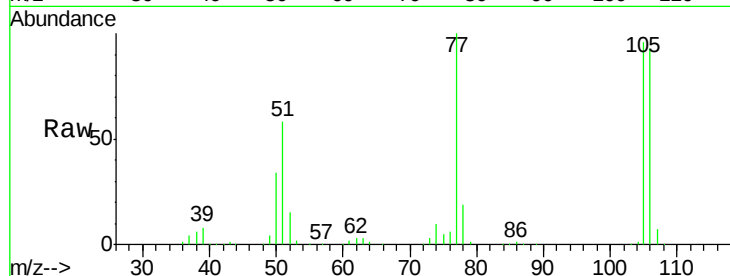
Tot Ion: 77 Resp: 239965

Ion Ratio Lower Upper

77 100

105 96.1 81.1 121.1

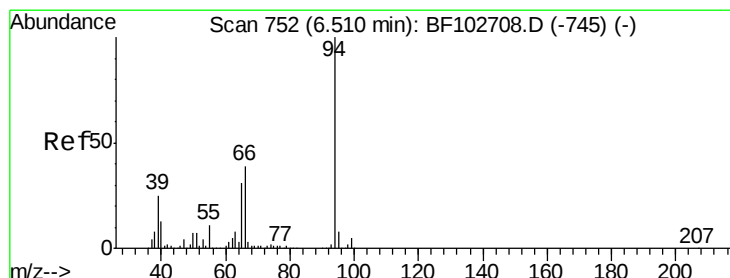
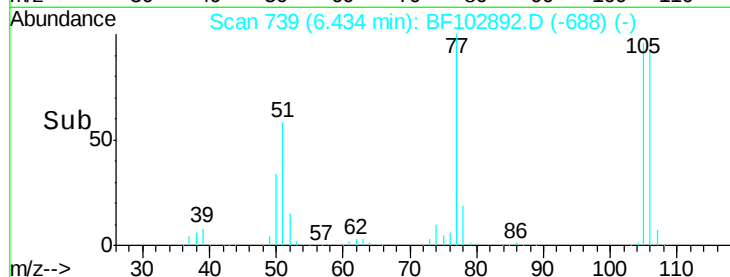
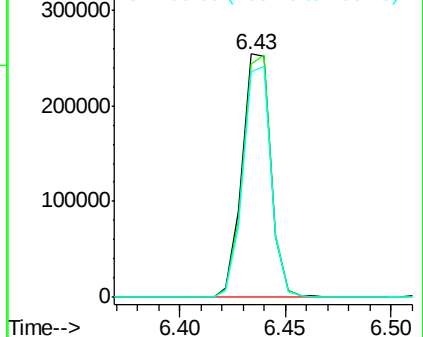
106 92.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.91 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

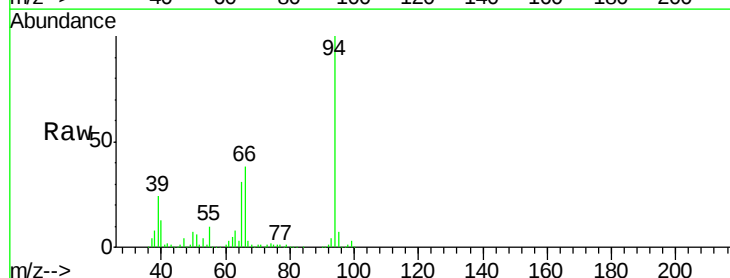
Tgt Ion: 94 Resp: 607484

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

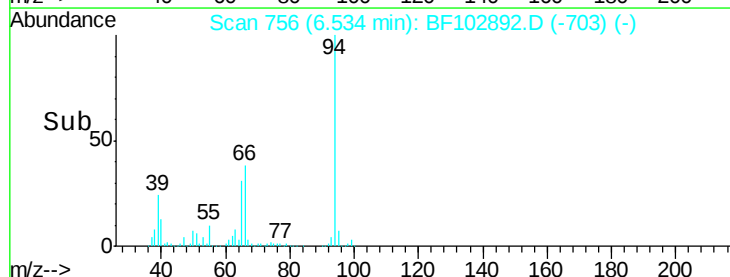
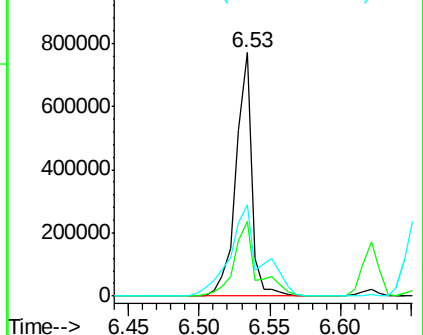
66 37.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

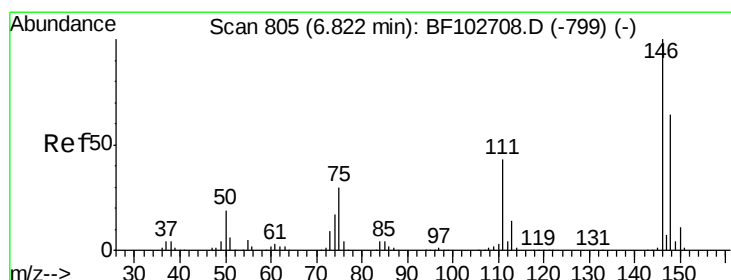
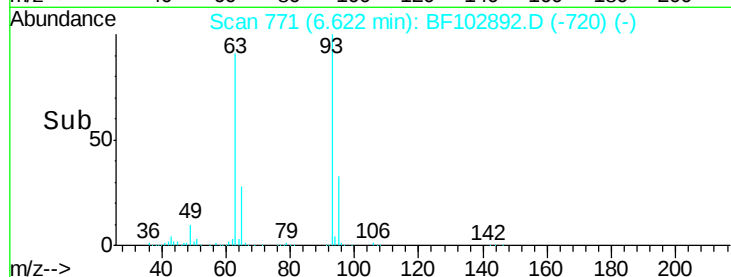
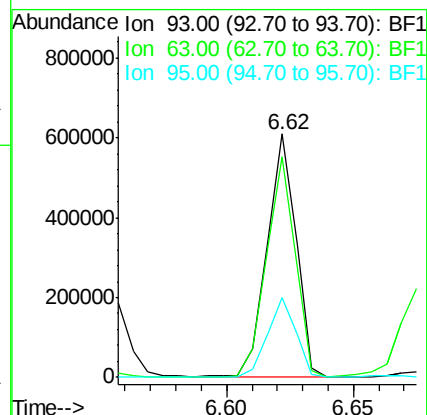
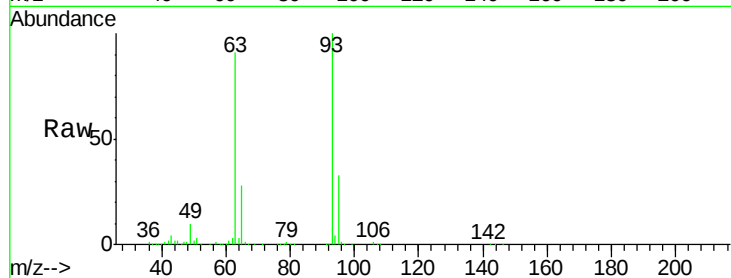




#11
bis(2-Chloroethyl)ether
Concen: 39.57 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

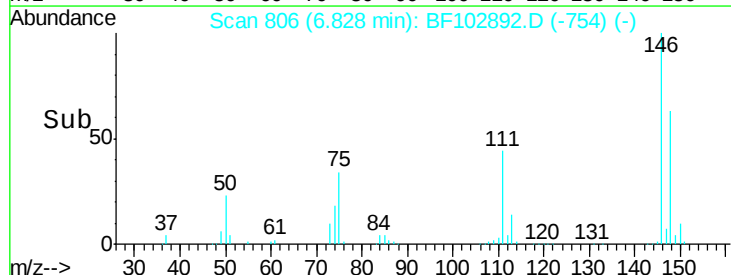
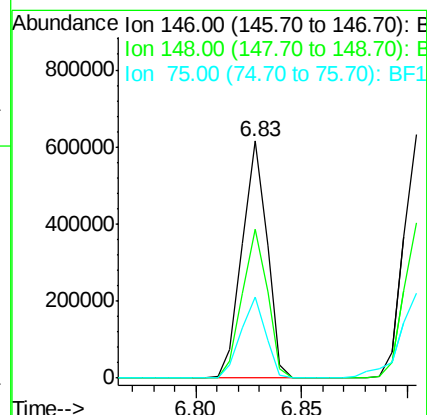
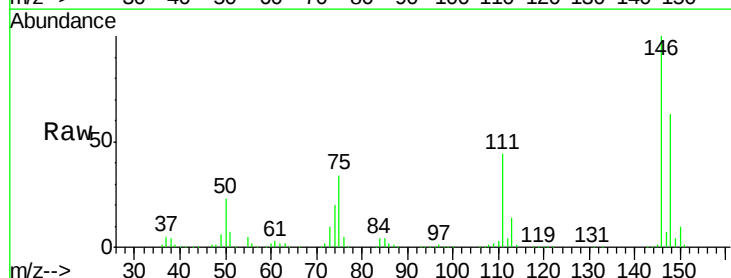
Instrument :
BNA_F
ClientSampleId :

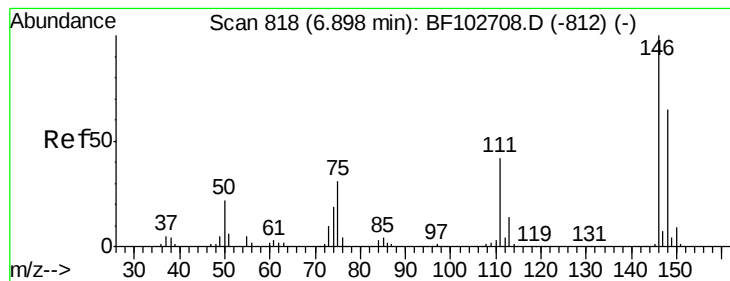
Tot Ion: 93 Resp: 488953
Ion Ratio Lower Upper
93 100
63 90.6 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.60 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion: 146 Resp: 502174
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 34.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.16 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampled :

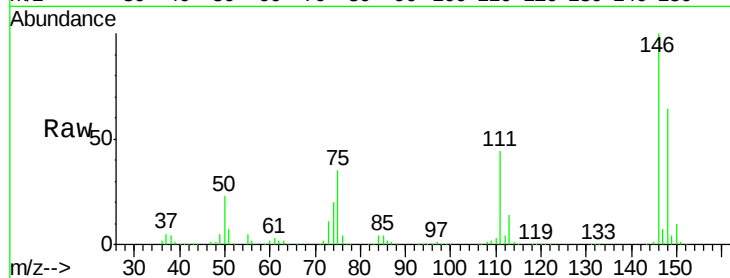
Tot Ion:146 Resp: 507927

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

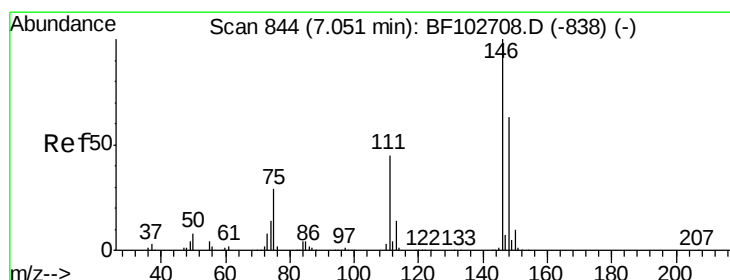
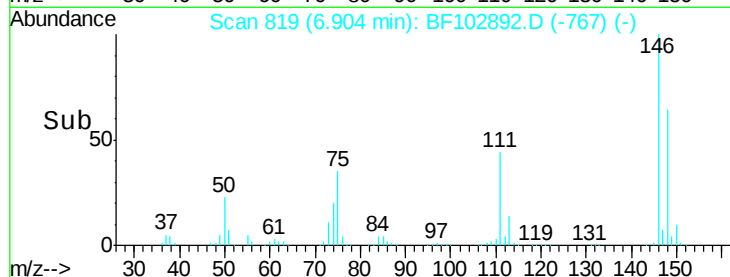
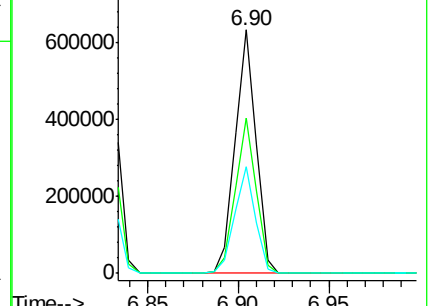
111 43.6 34.2 51.2



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: 36.57 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

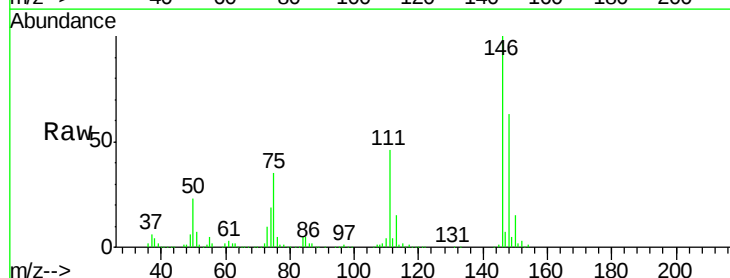
Tgt Ion:146 Resp: 465532

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

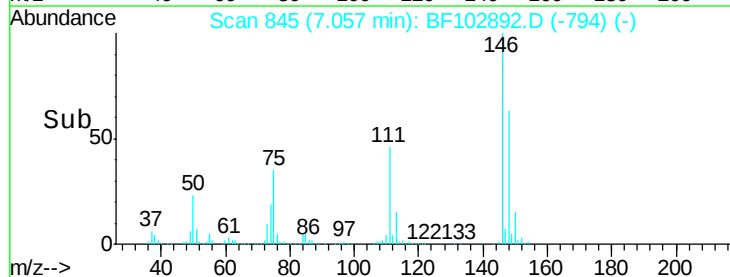
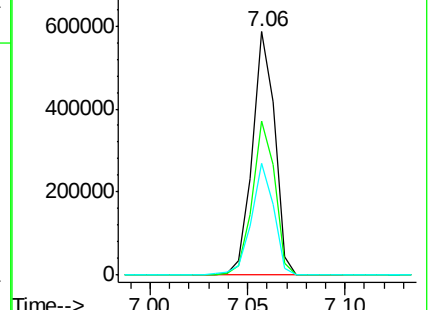
111 45.9 36.0 54.0

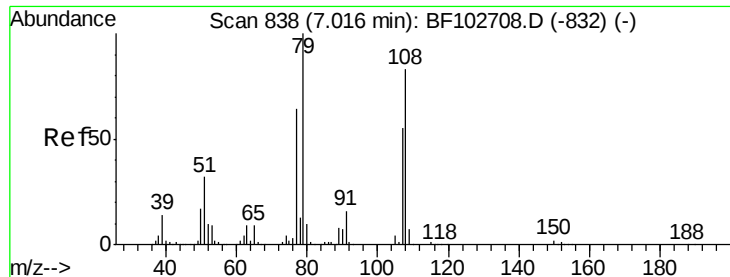


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.63 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

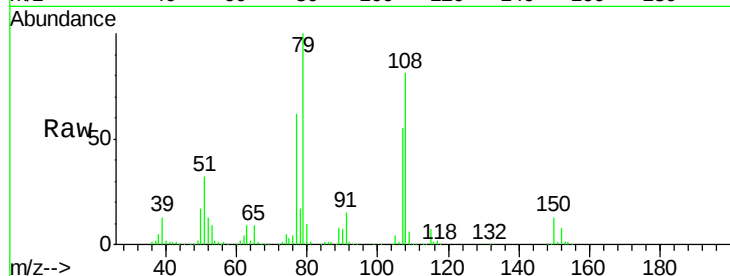
Tot Ion: 79 Resp: 443527

Ion Ratio Lower Upper

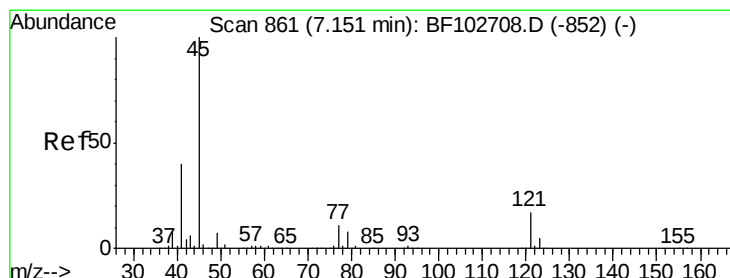
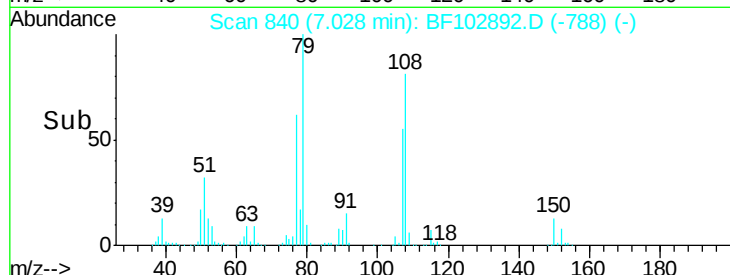
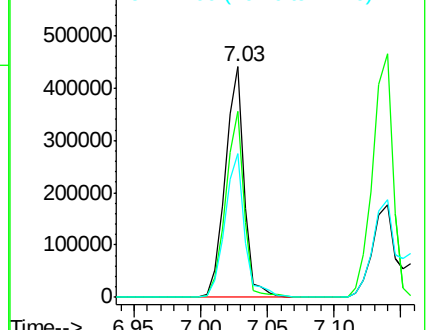
79 100

108 81.0 65.1 97.7

77 62.5 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.94 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

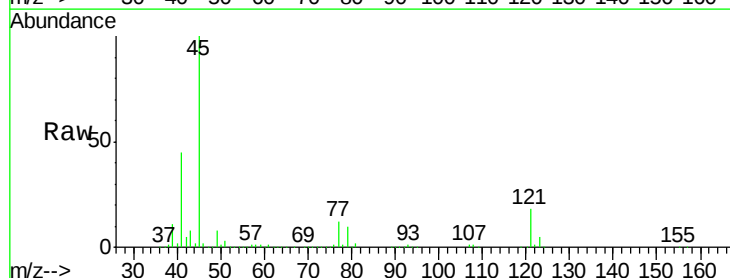
Tgt Ion: 45 Resp: 867142

Ion Ratio Lower Upper

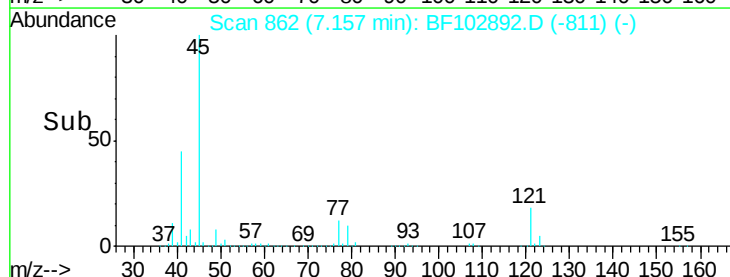
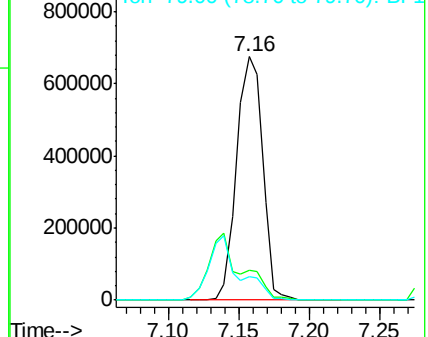
45 100

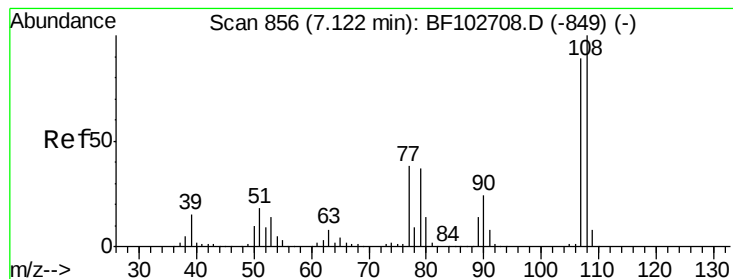
77 12.3 0.0 32.9

79 9.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

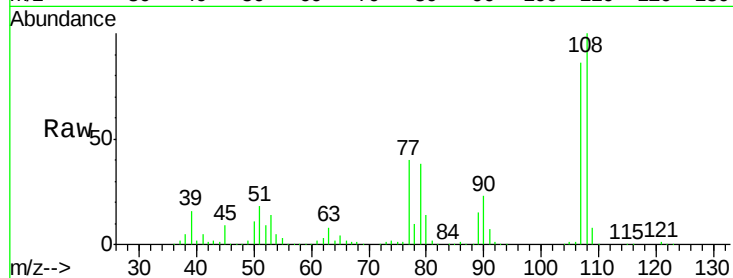




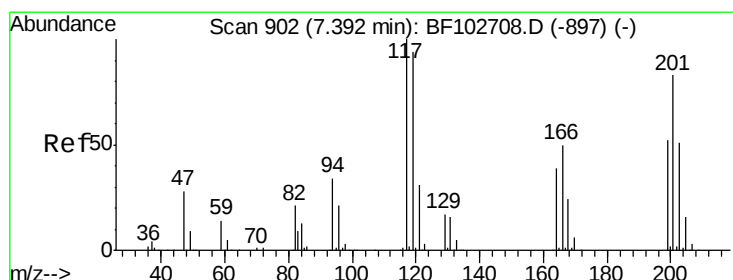
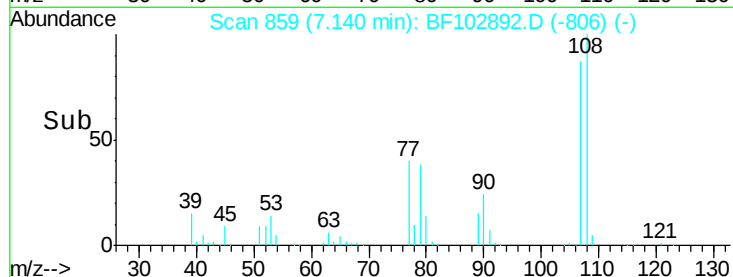
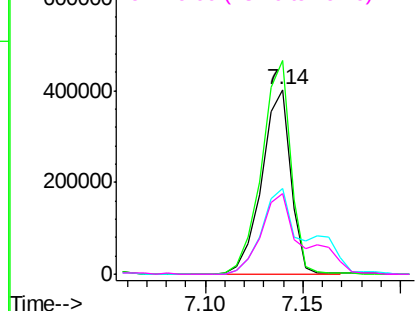
#17
2-Methylphenol
Concen: 37.95 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 414743
Ion Ratio Lower Upper
107 100
108 115.7 91.7 137.5
77 46.3 33.8 50.8
79 43.9 33.8 50.8

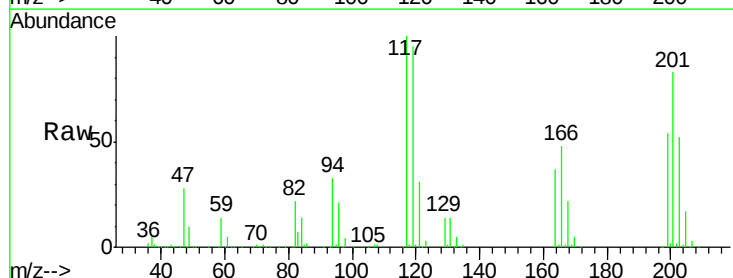


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

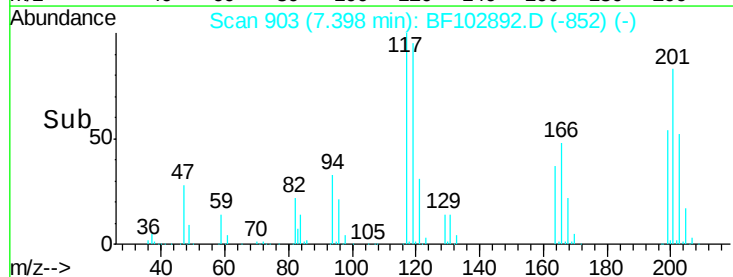
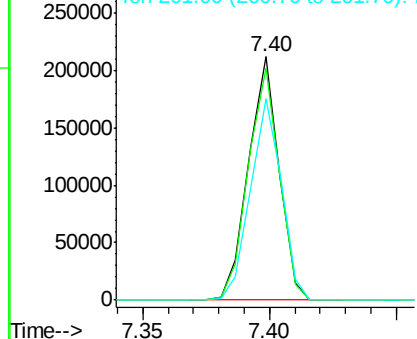


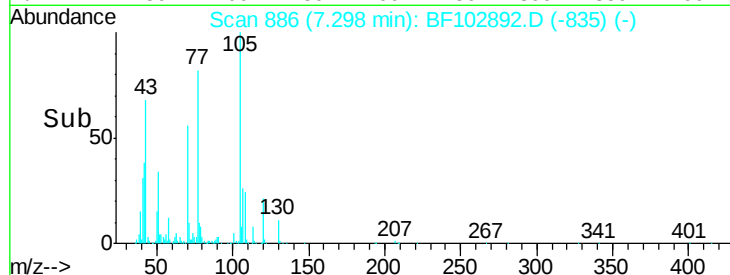
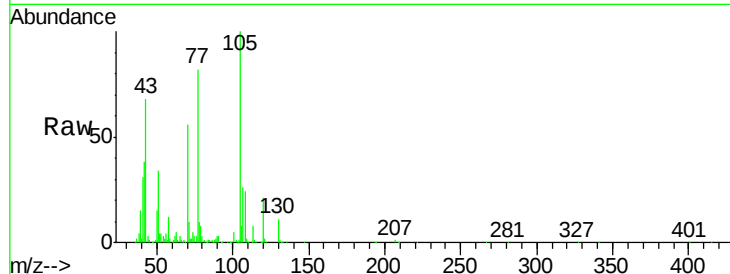
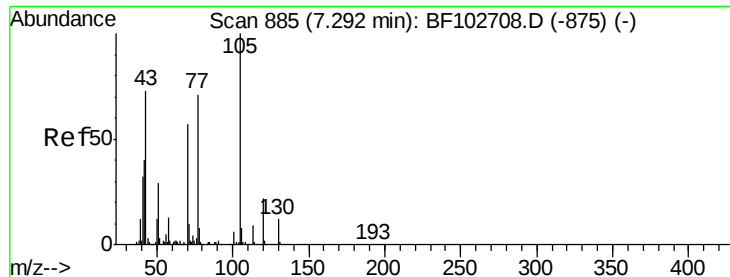
#18
Hexachloroethane
Concen: 38.02 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:117 Resp: 178182
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 82.9 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

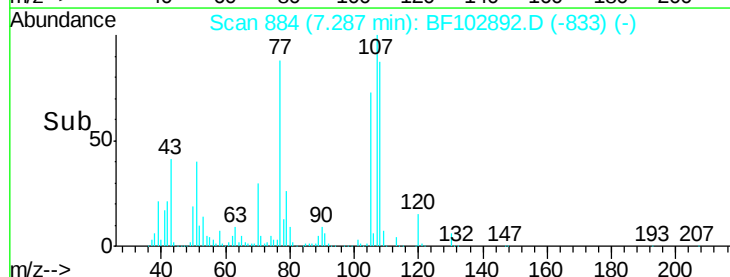
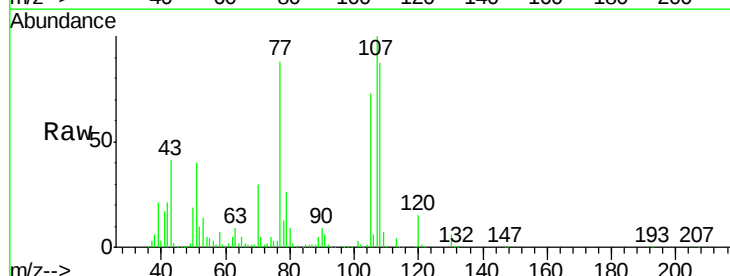
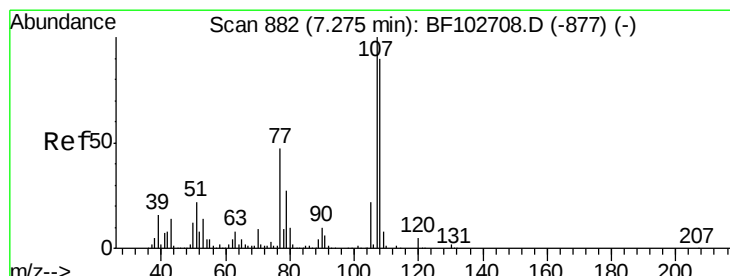
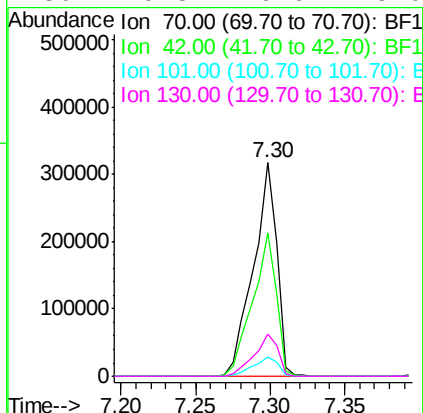




#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

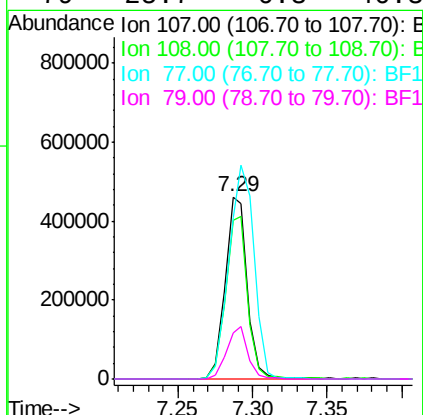
Instrument :
BNA_F
ClientSampleID :

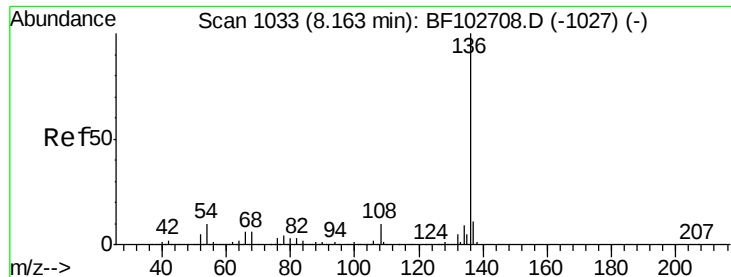
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.2	47.5	71.3	
101	9.1	7.4	11.2	
130	19.8	16.6	25.0	



#20
3+4-Methylphenols
Concen: 35.60 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	68.2	108.2	
77	88.3	26.7	66.7	
79	25.7	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 720923

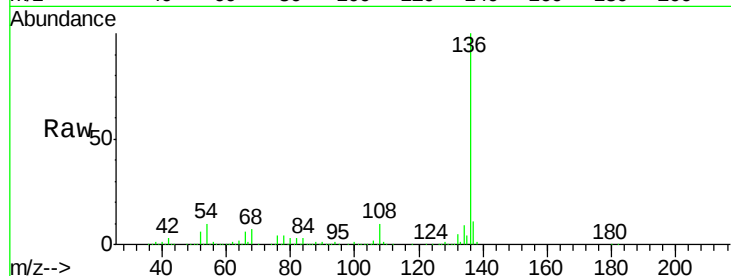
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

68 6.7 5.0 7.4

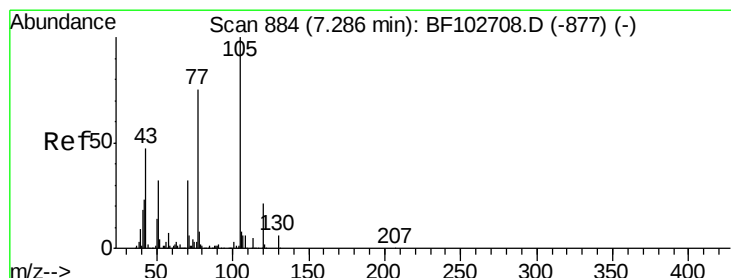
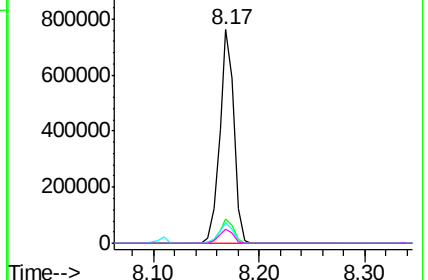
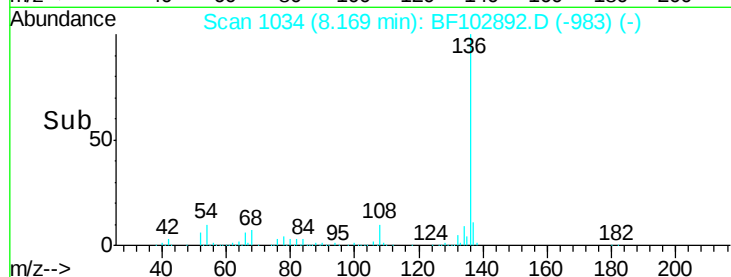


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.71 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:105 Resp: 647713

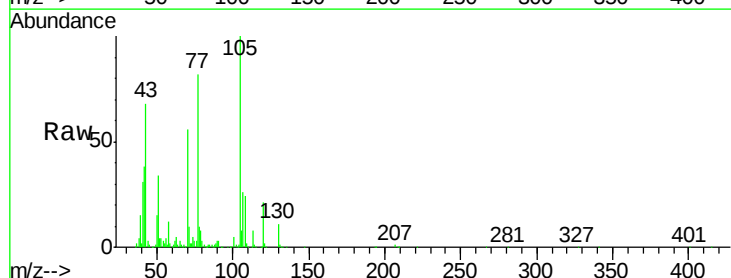
Ion Ratio Lower Upper

105 100

71 9.6 4.4 6.6#

51 34.0 22.3 33.5#

120 21.3 16.9 25.3

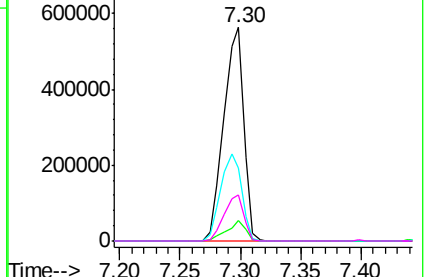
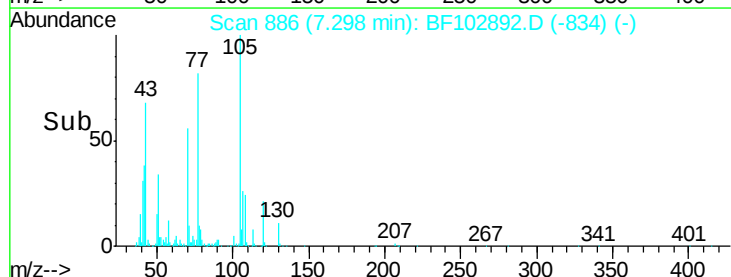


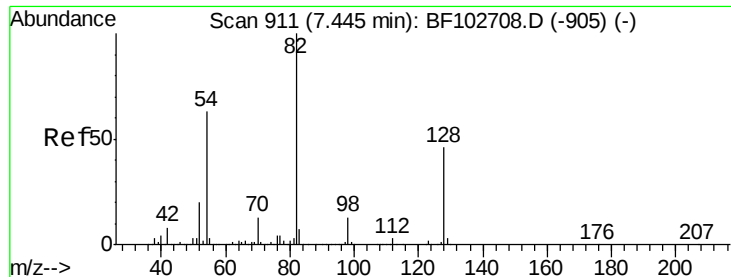
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

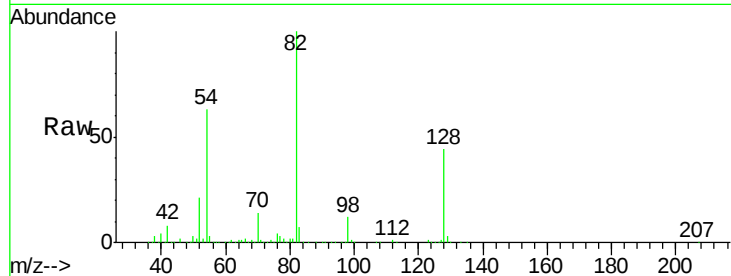




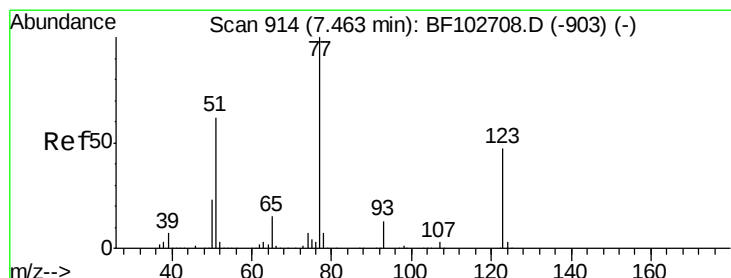
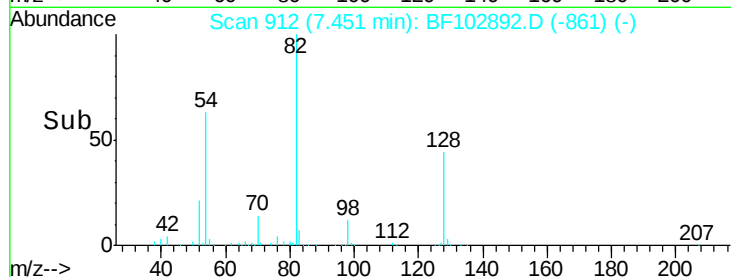
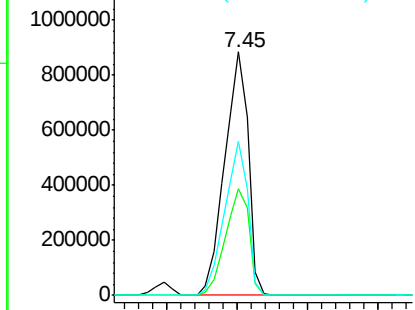
#23
 Nitrobenzene-d5
 Concen: 98.73 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1026070
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 63.3 41.4 62.2#

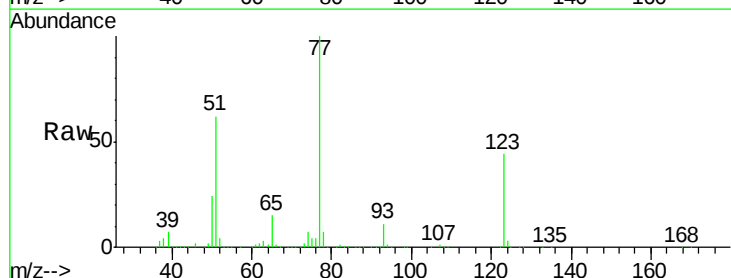


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

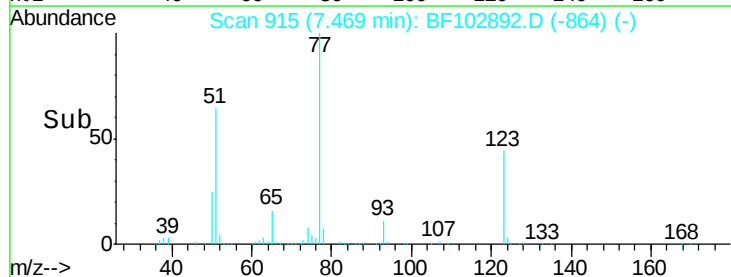
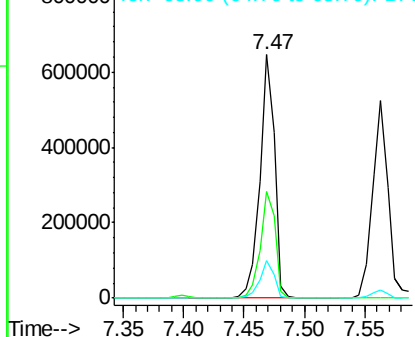


#24
 Nitrobenzene
 Concen: 44.74 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion: 77 Resp: 546938
 Ion Ratio Lower Upper
 77 100
 123 44.0 37.9 56.9
 65 15.3 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: 42.03 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :

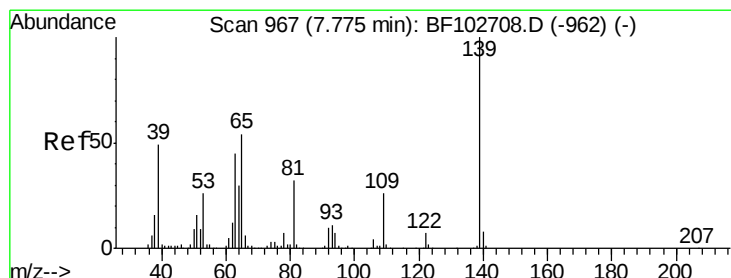
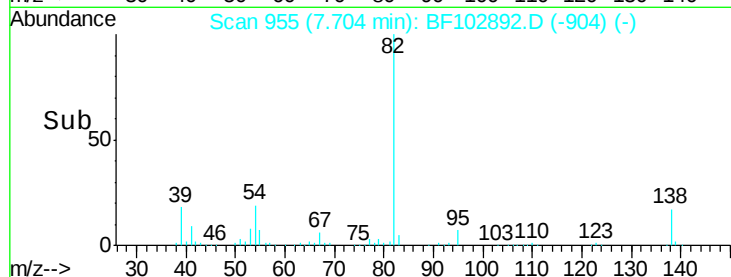
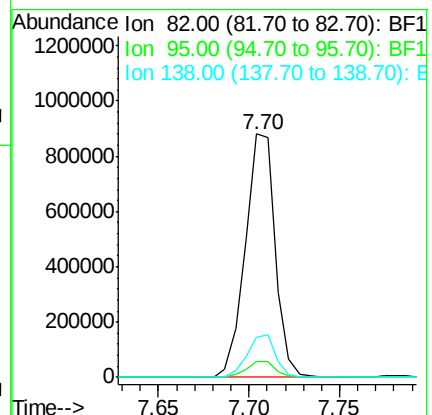
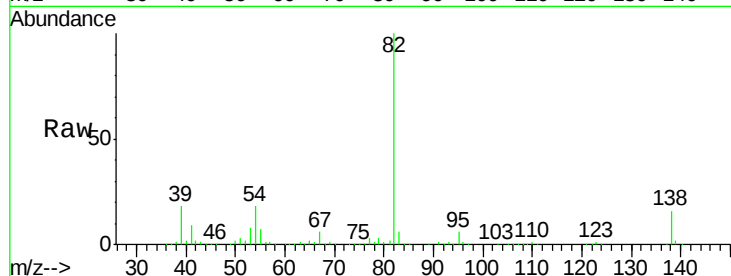
Tot Ion: 82 Resp: 1005780

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.4 14.9 22.3



#26

2-Nitrophenol

Concen: 49.84 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

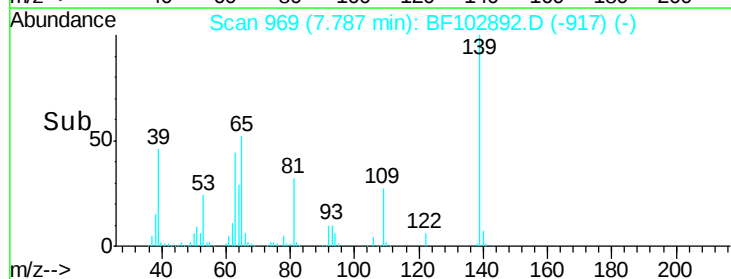
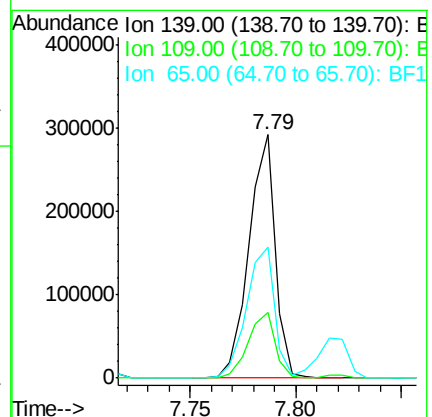
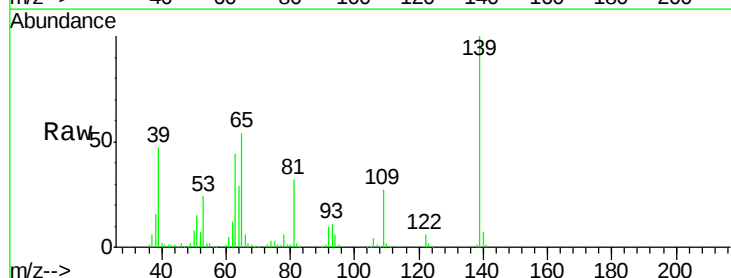
Tgt Ion: 139 Resp: 252332

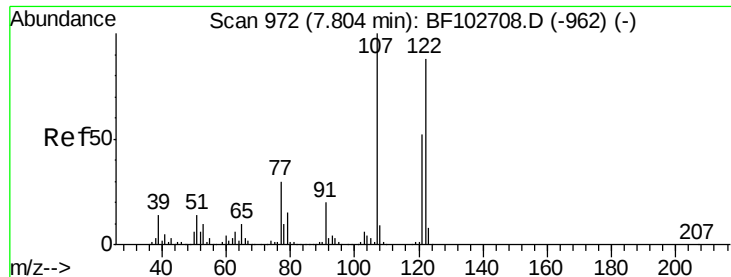
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 53.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.63 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

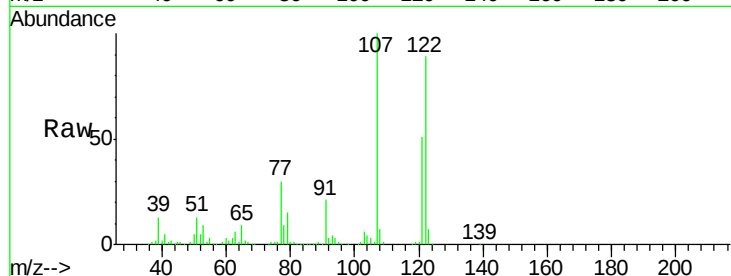
Tot Ion:122 Resp: 451225

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

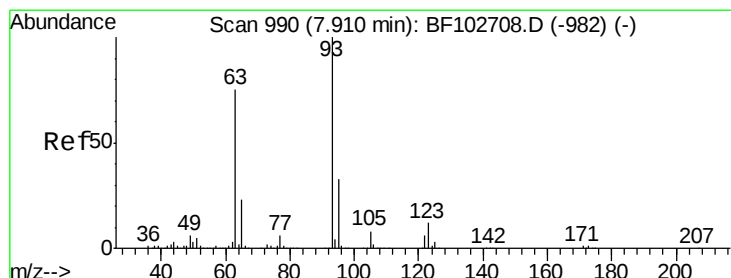
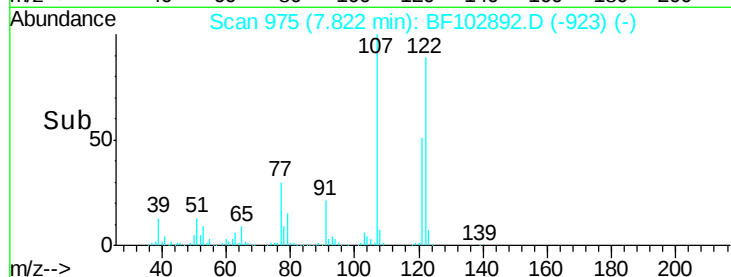
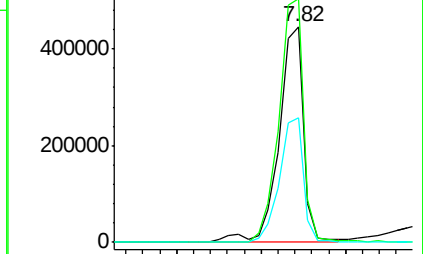
121 58.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.56 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

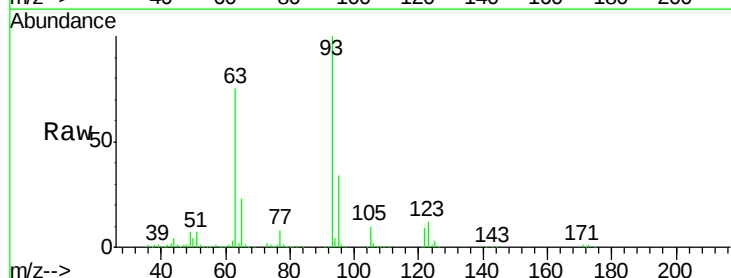
Tgt Ion: 93 Resp: 617487

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

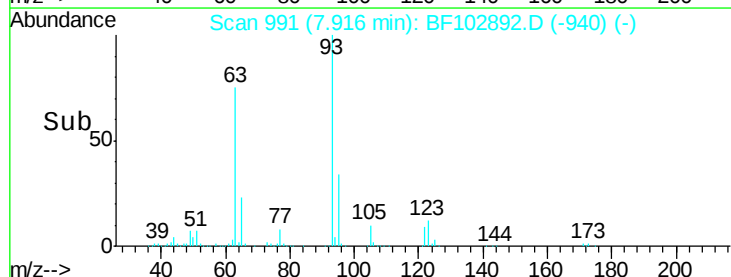
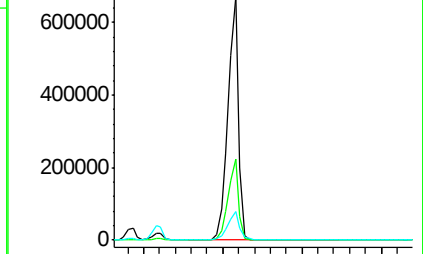
123 11.6 9.8 14.6

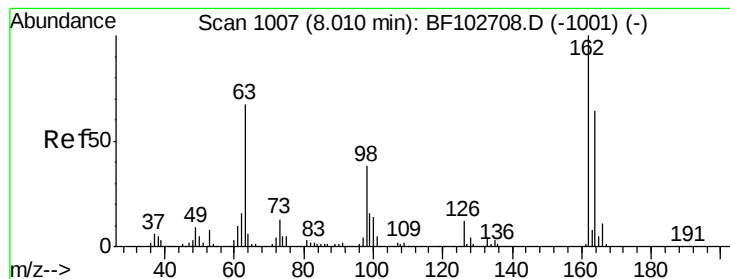


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.73 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

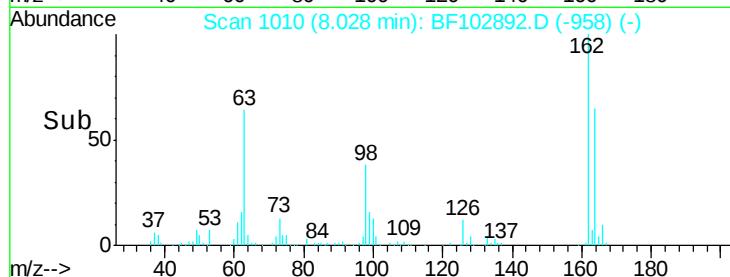
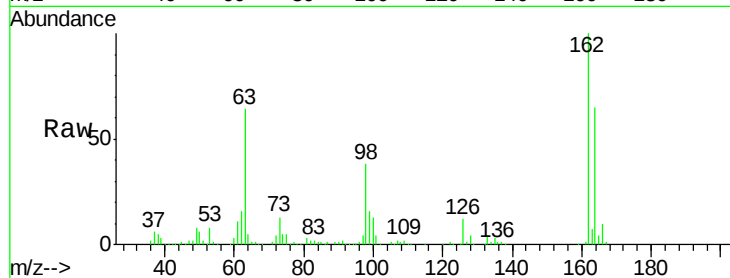
Tot Ion:162 Resp: 383481

Ion Ratio Lower Upper

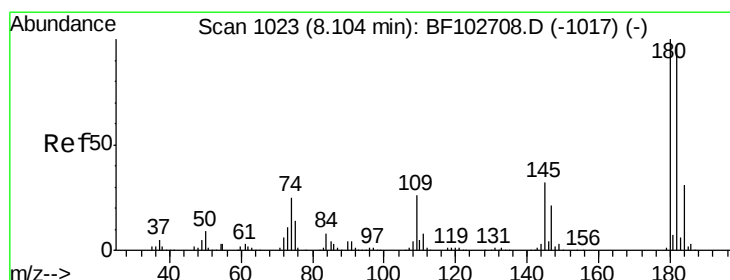
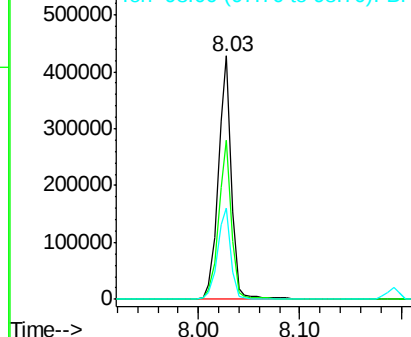
162 100

164 65.2 42.7 82.7

98 37.5 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: 36.88 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

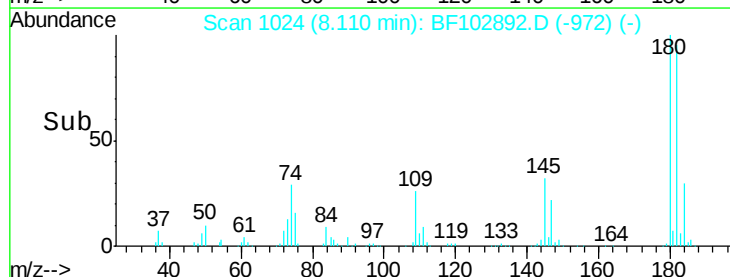
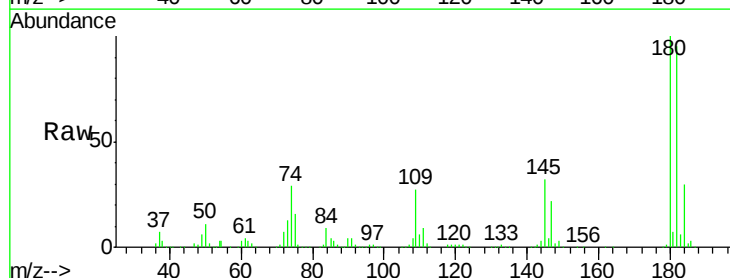
Tgt Ion:180 Resp: 383480

Ion Ratio Lower Upper

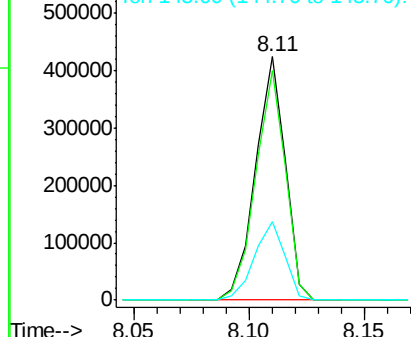
180 100

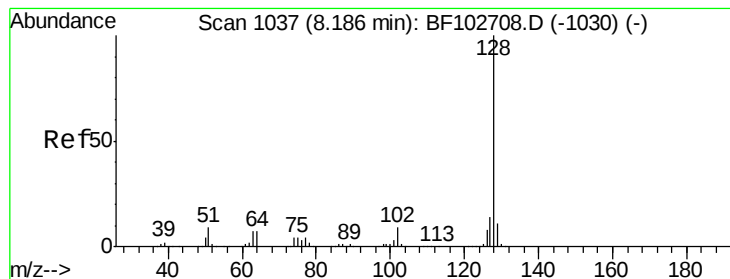
182 94.5 76.8 115.2

145 32.2 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: 37.74 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

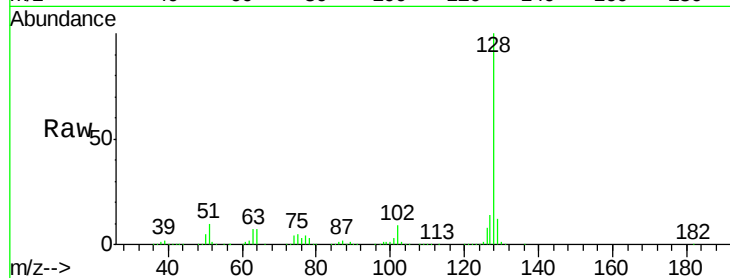
Tot Ion:128 Resp: 1329248

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

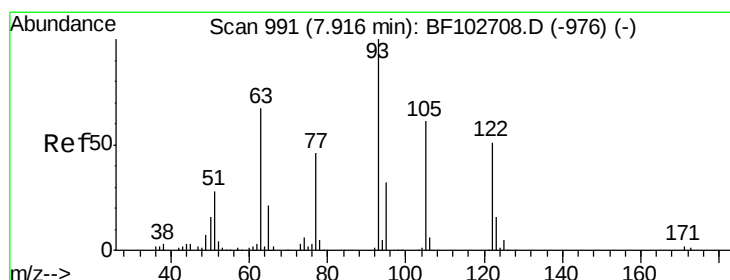
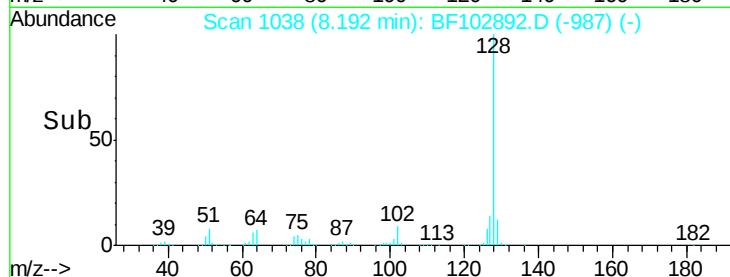
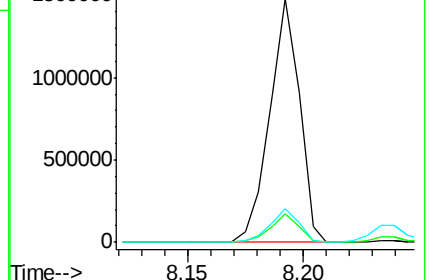
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.18 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

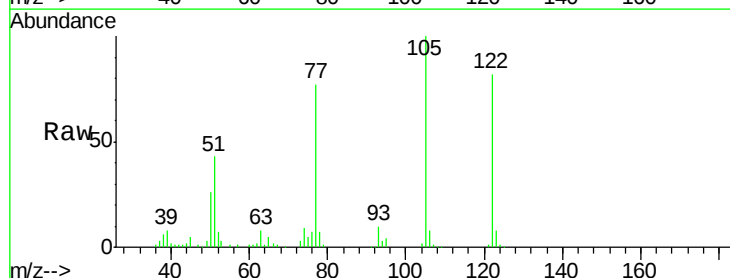
Tgt Ion:122 Resp: 201787

Ion Ratio Lower Upper

122 100

105 122.4 101.1 141.1

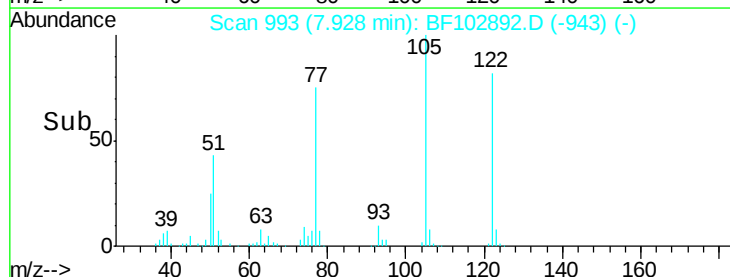
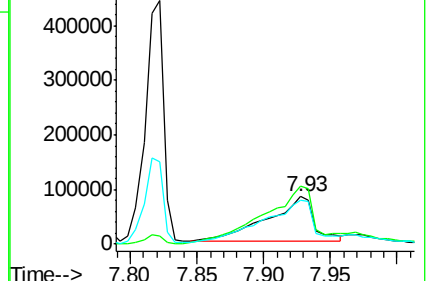
77 94.2 70.7 110.7

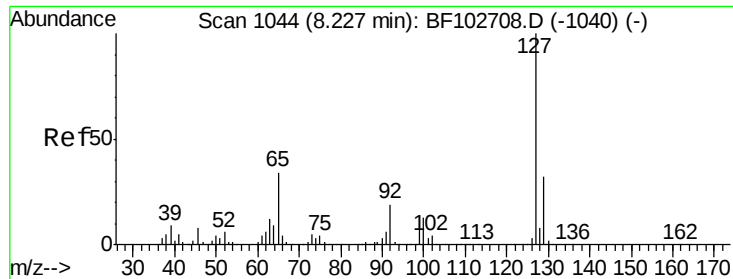


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

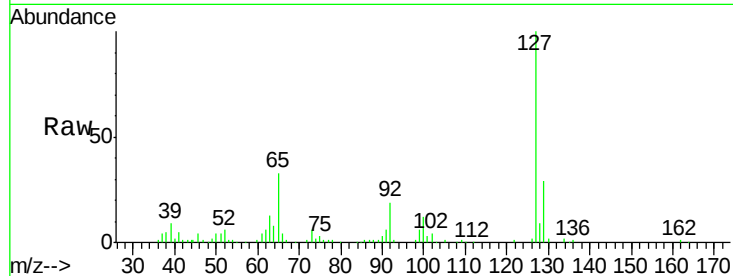




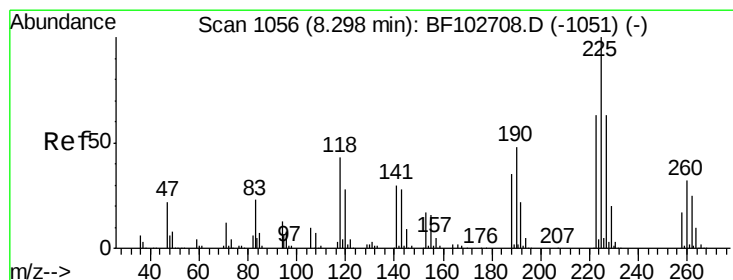
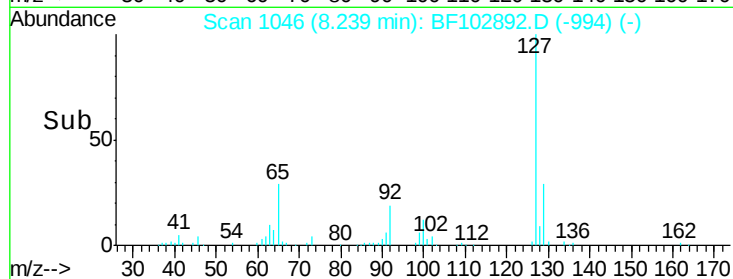
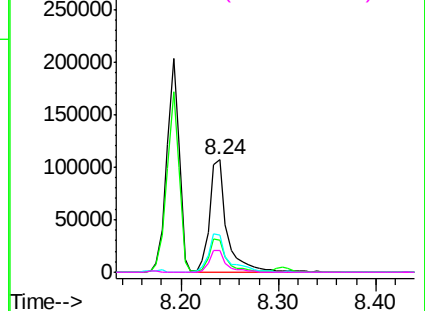
#33
4-Chloroaniline
Concen: 8.69 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	131861
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.9	38.9
65	33.0	25.0	37.4
92	19.0	15.2	22.8

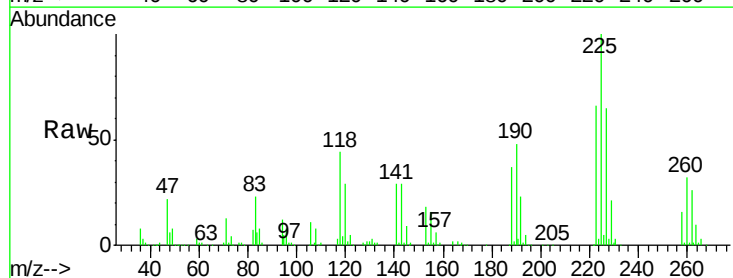


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

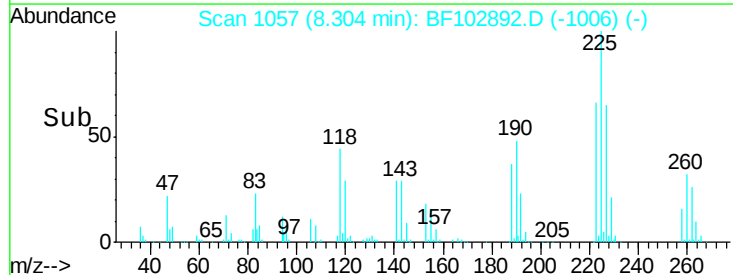
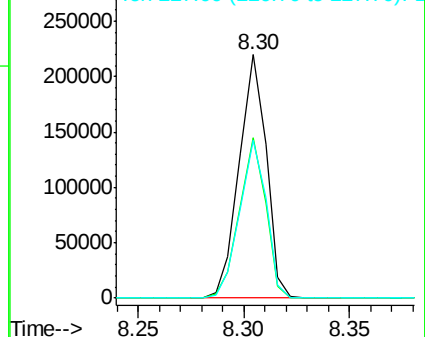


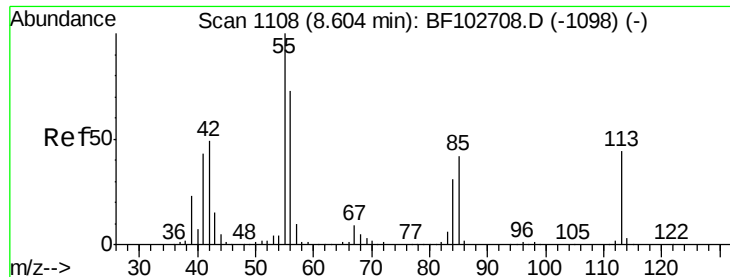
#34
Hexachlorobutadiene
Concen: 36.56 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:	225	Resp:	194801
Ion	Ratio	Lower	Upper
225	100		
223	65.9	50.6	76.0
227	64.7	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

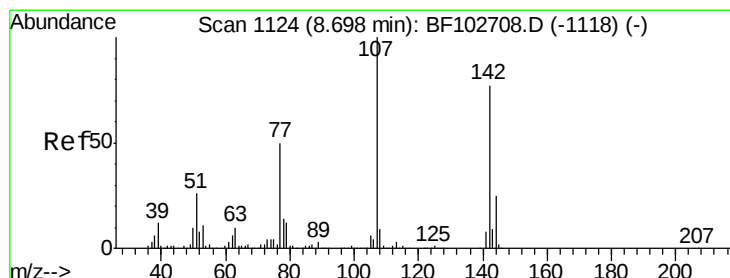
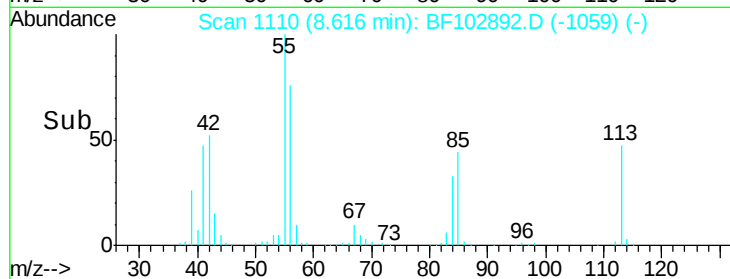
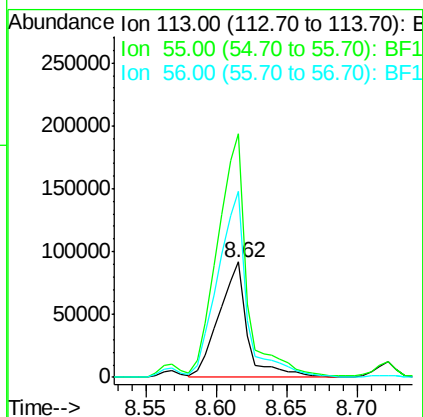
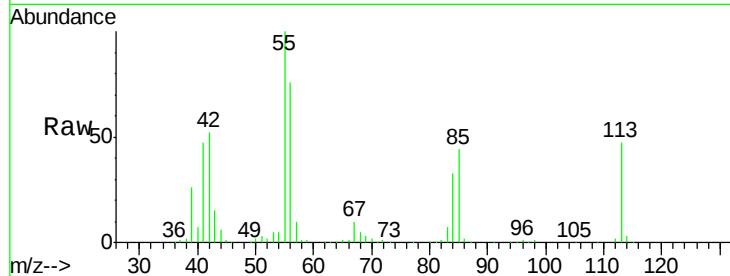




#35
 Caprolactam
 Concen: 40.76 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

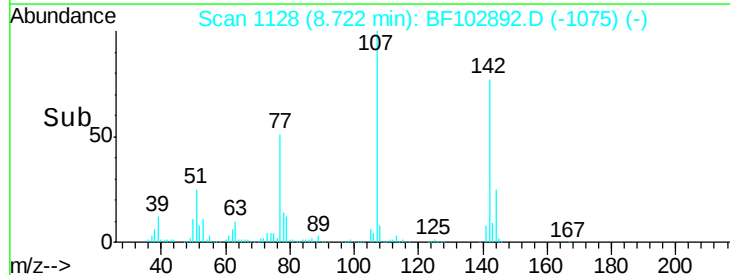
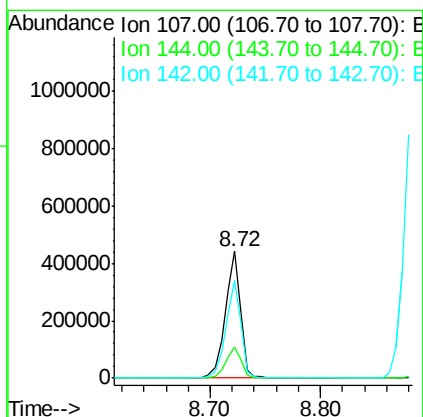
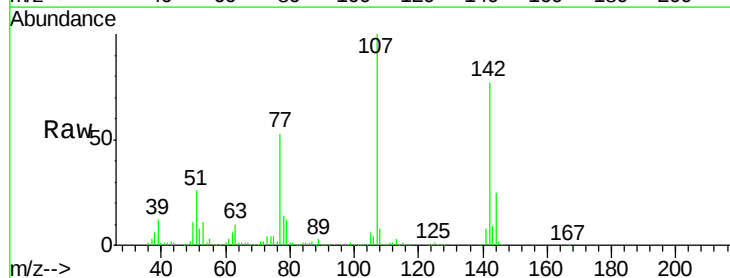
Instrument :
 BNA_F
 ClientSampleId :

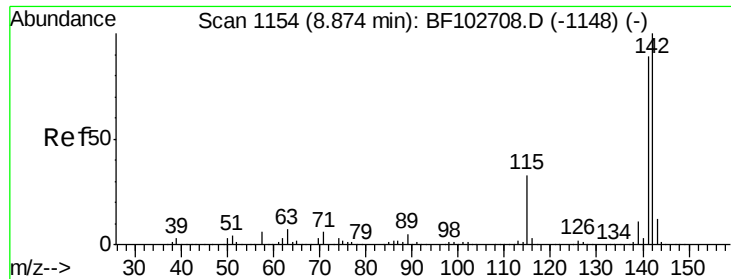
Tot Ion:113 Resp: 130109
 Ion Ratio Lower Upper
 113 100
 55 211.2 163.3 203.3#
 56 161.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.31 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:107 Resp: 426569
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 76.6 62.0 93.0

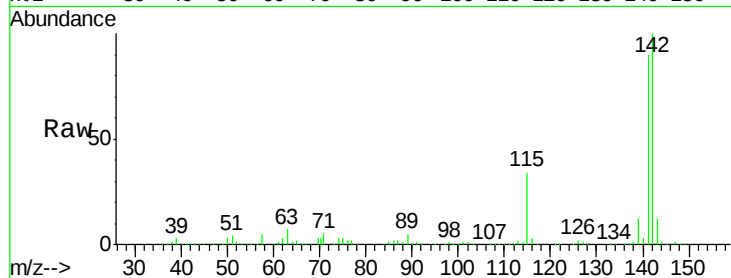




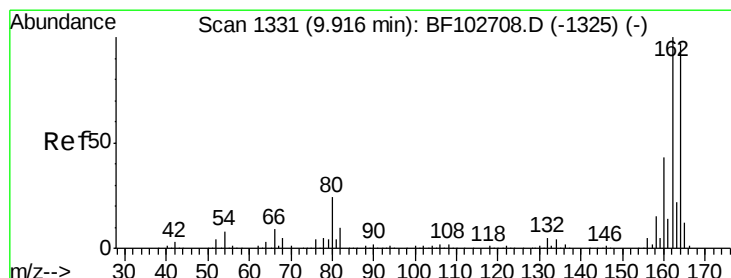
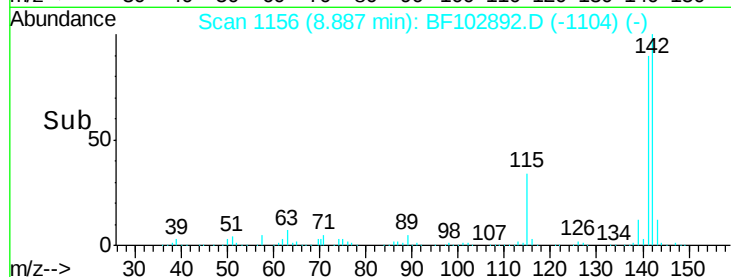
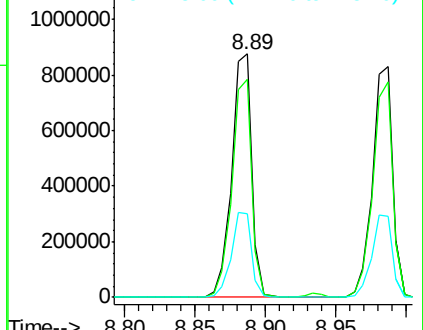
#37
2-Methylnaphthalene
Concen: 37.37 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 861873
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 34.2 26.1 39.1

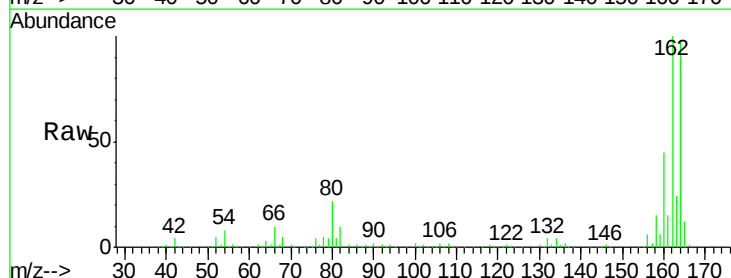


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

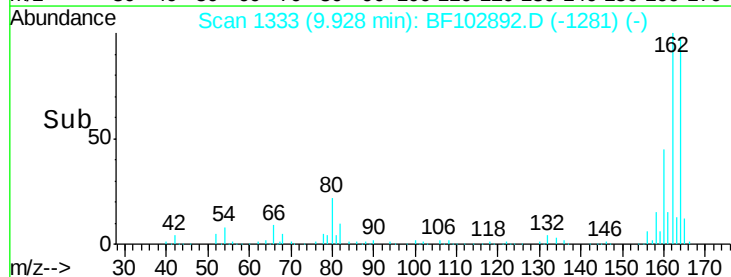
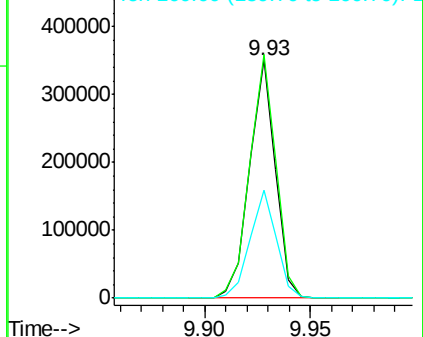


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:164 Resp: 298323
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.6 38.3 57.5



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

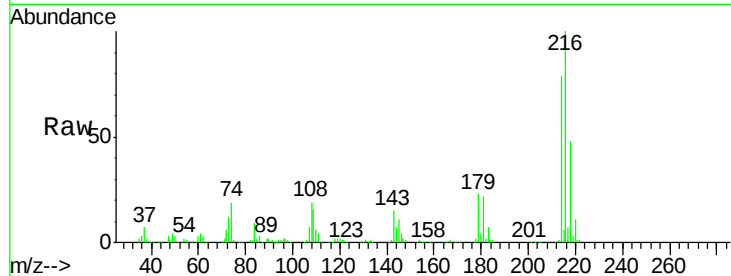




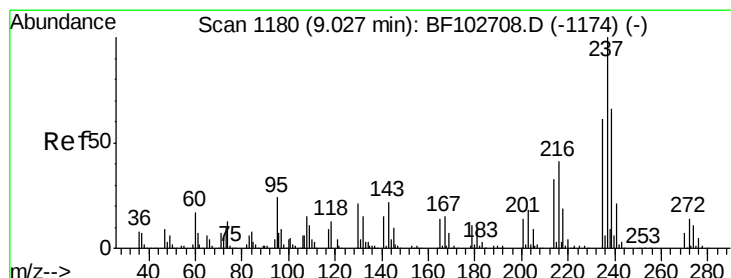
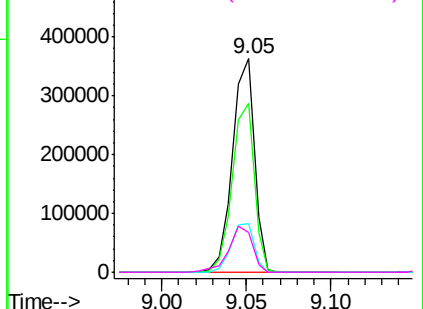
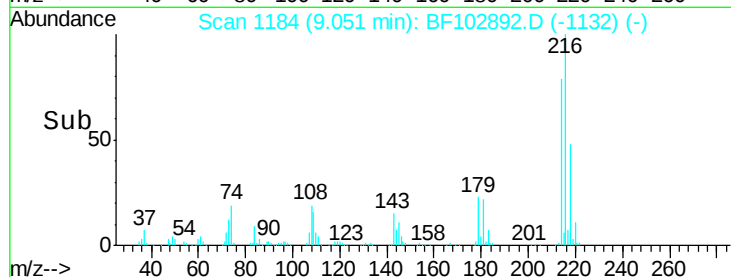
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.35 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	327747
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.0 94.4
179	23.8	18.1 27.1
108	23.1	17.2 25.8

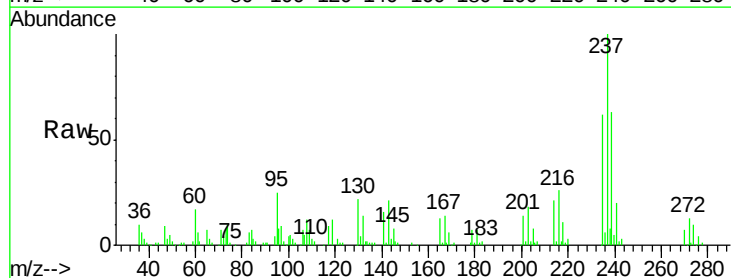


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

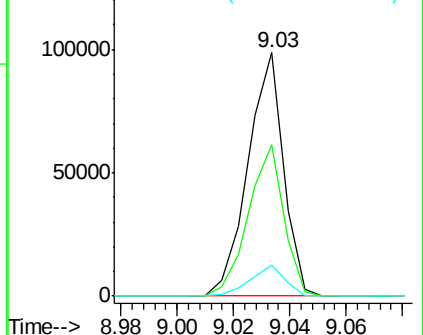
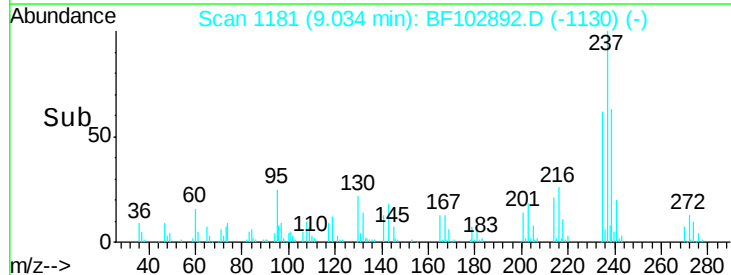


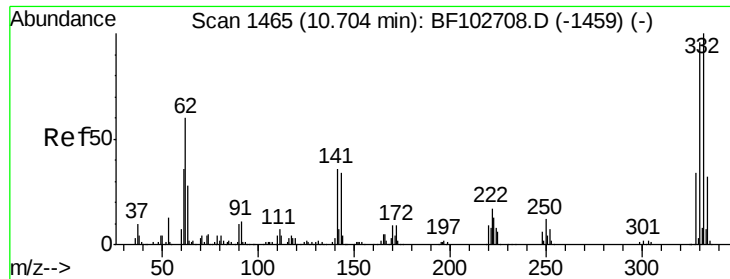
#40
 Hexachlorocyclopentadiene
 Concen: 22.31 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:237	Resp:	86147
Ion Ratio	Lower	Upper
237	100	
235	62.2	44.8 84.8
272	12.8	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

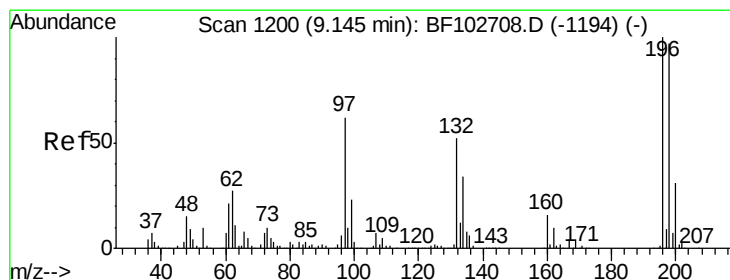
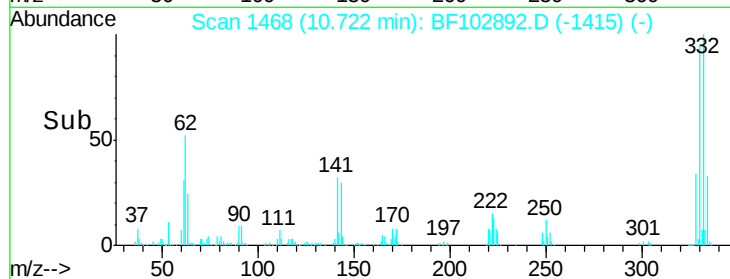
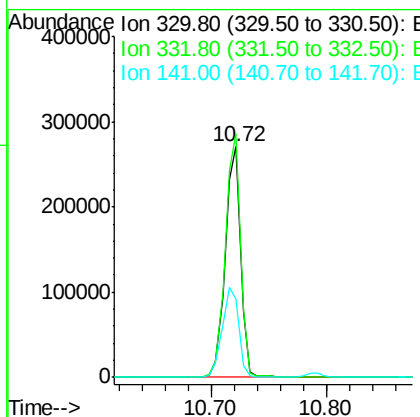
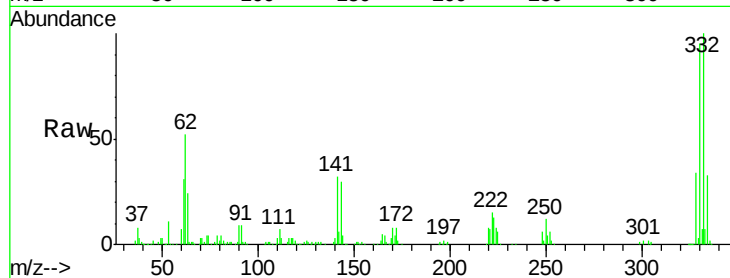




#41
 2,4,6-Tribromophenol
 Concen: 104.75 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

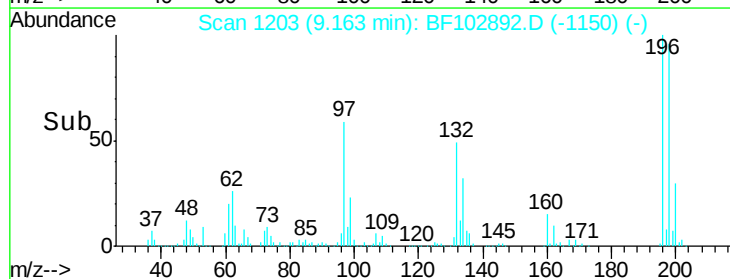
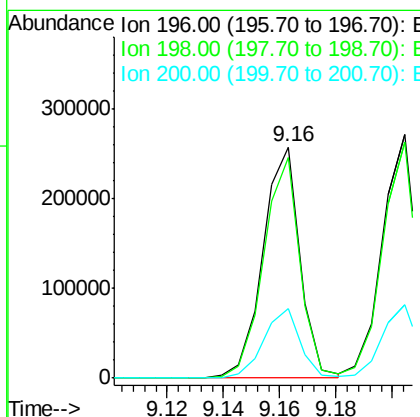
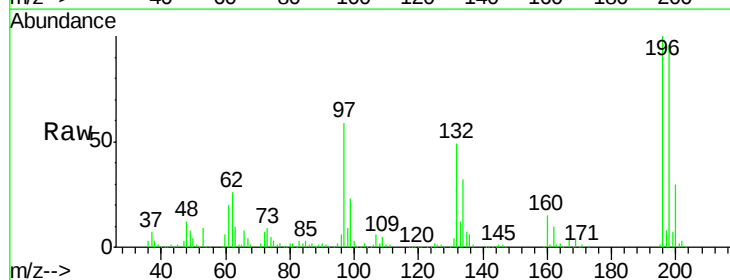
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.0	115.6
141	42.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.92 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	29.9	24.5	36.7

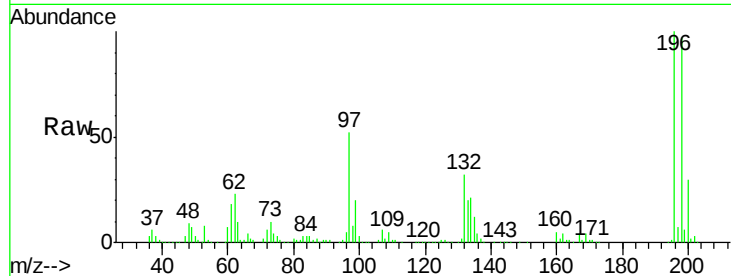




#43
 2,4,5-Trichlorophenol
 Concen: 39.59 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.9	74.6	112.0	
97	51.8	42.9	64.3	
132	32.5	26.3	39.5	



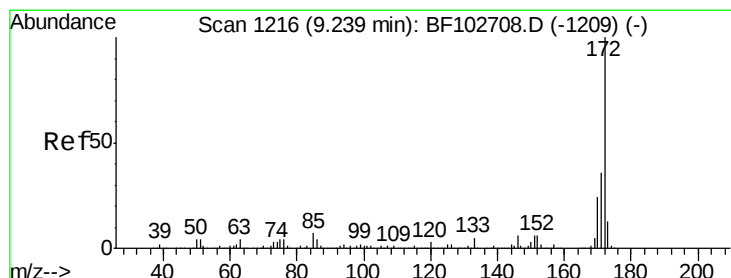
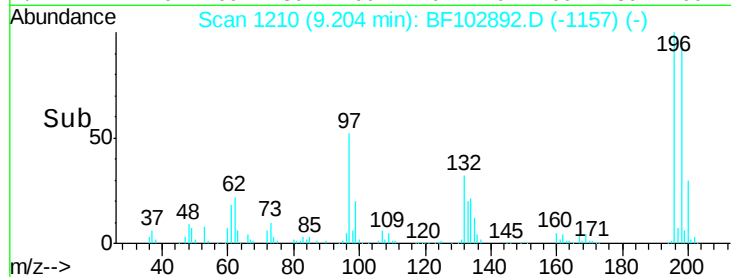
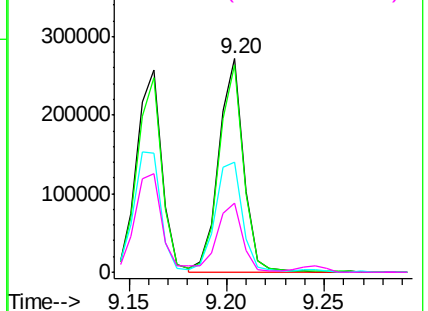
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

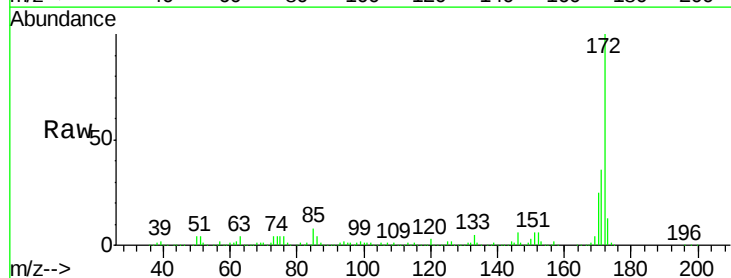
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.49 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.6	19.6	29.4	

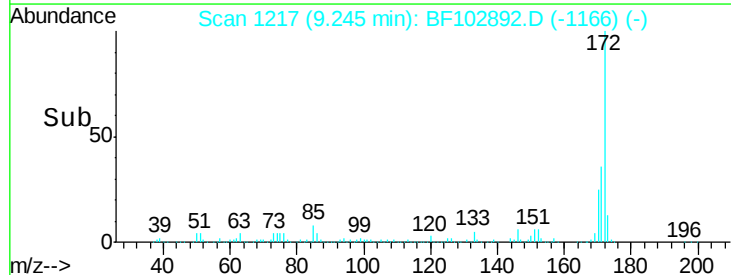
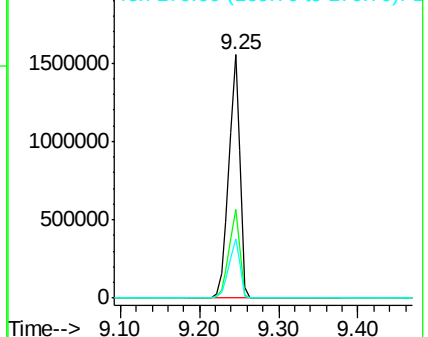


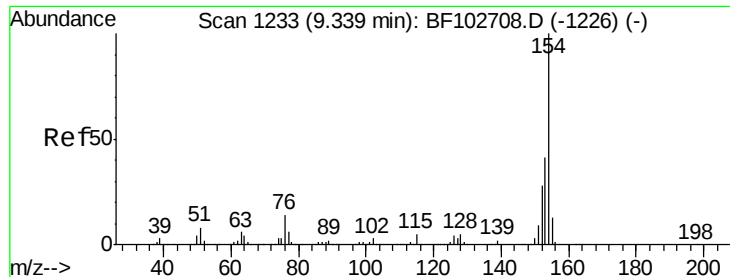
Abundance

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: 38.96 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

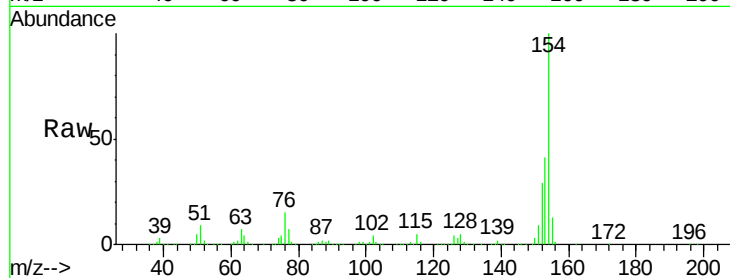
Tot Ion:154 Resp: 978936

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

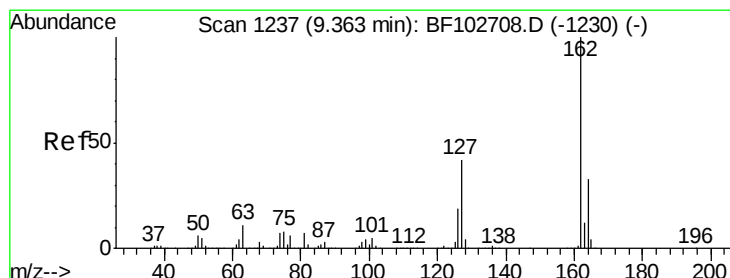
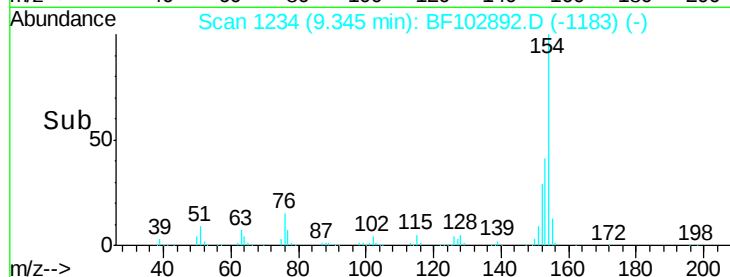
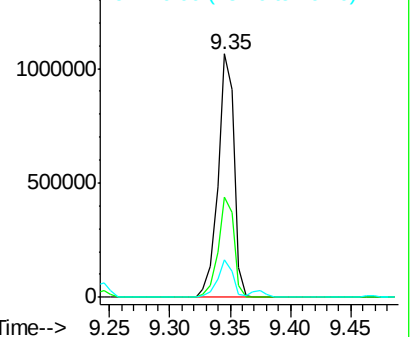
76 15.5 0.0 34.0



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: 38.99 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

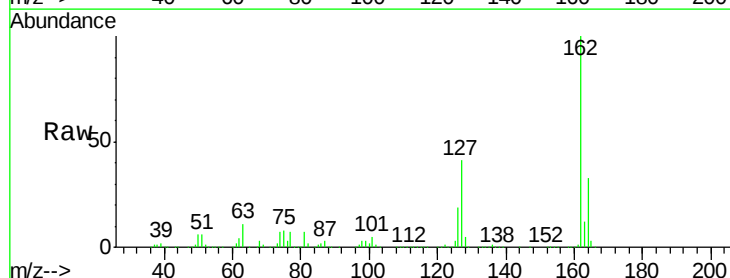
Tgt Ion:162 Resp: 771369

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

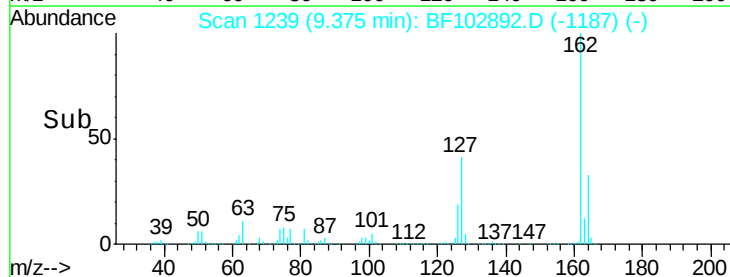
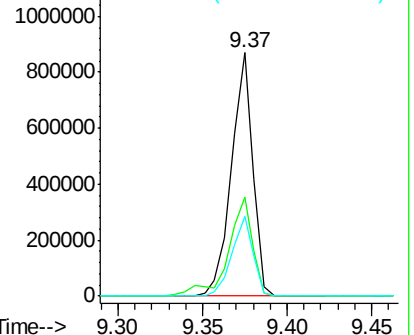
164 32.8 26.5 39.7



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: 49.79 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

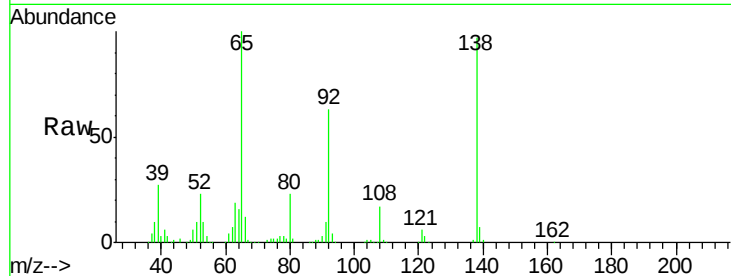
Tot Ion: 65 Resp: 304774

Ion Ratio Lower Upper

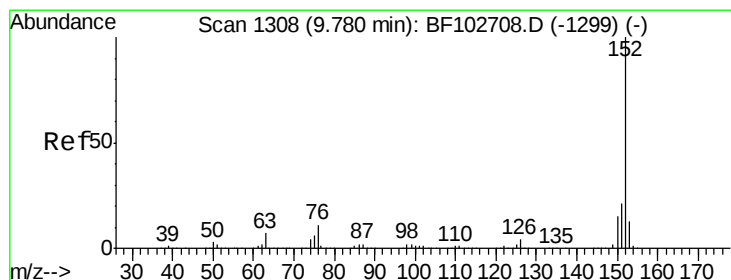
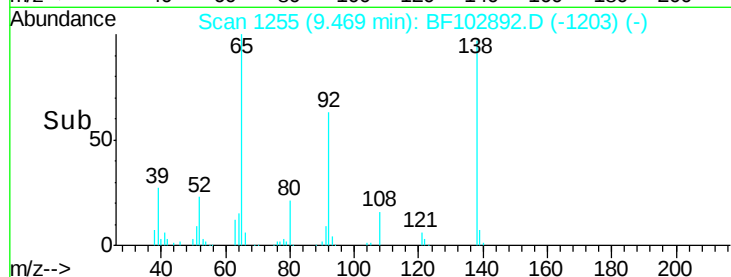
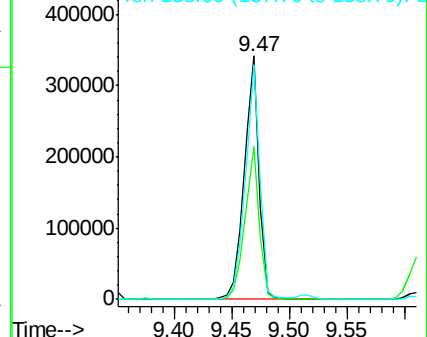
65 100

92 62.5 55.8 83.6

138 96.5 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: 37.05 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

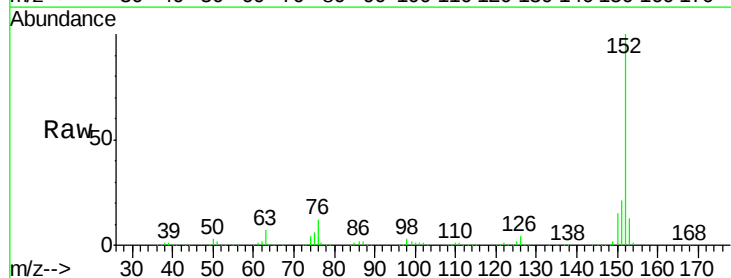
Tgt Ion: 152 Resp: 1138413

Ion Ratio Lower Upper

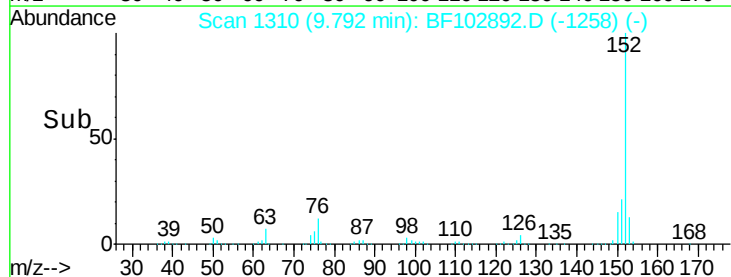
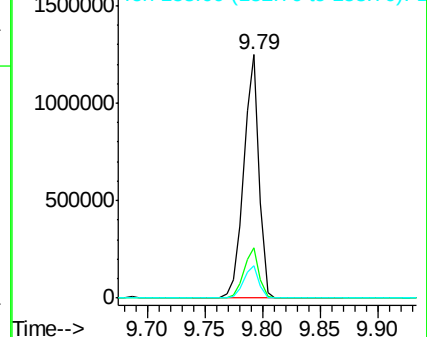
152 100

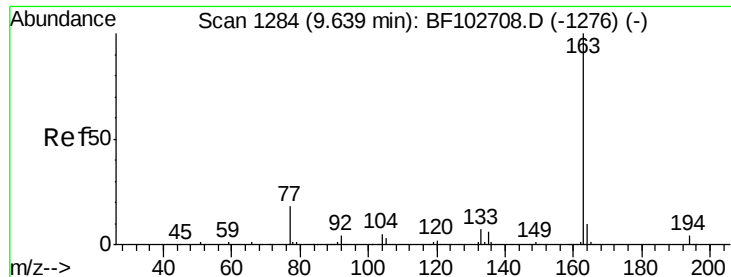
151 20.8 16.3 24.5

153 13.4 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

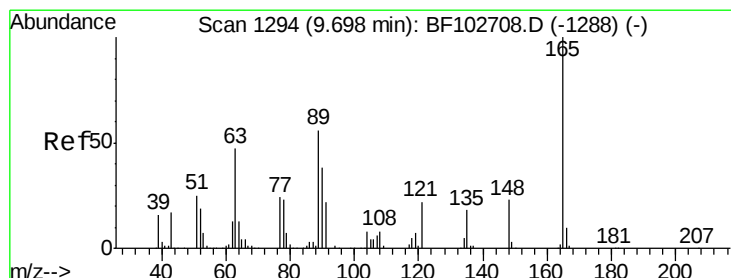
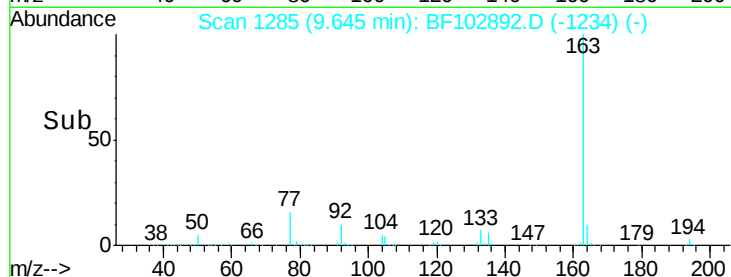
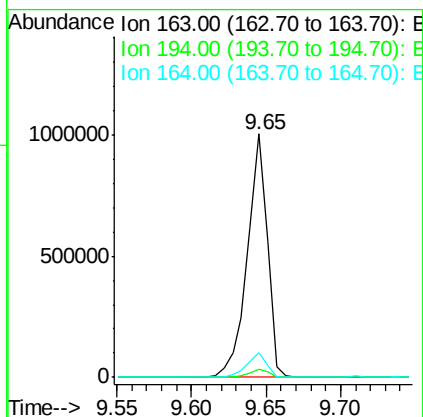
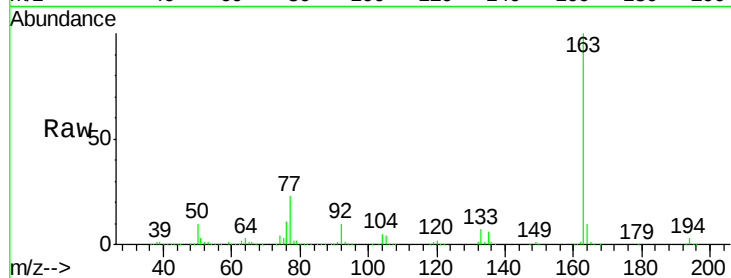




#49
Dimethylphthalate
Concen: 40.01 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

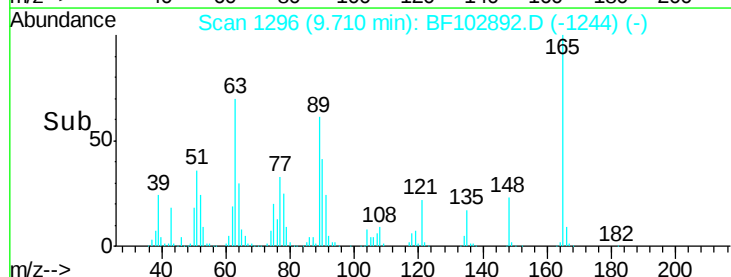
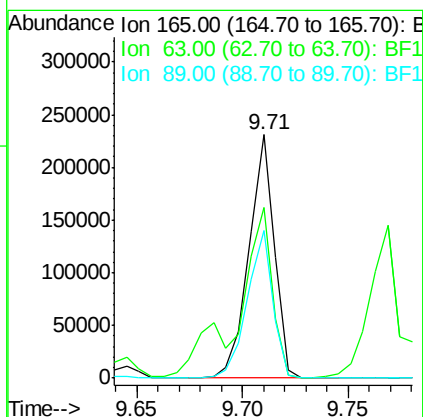
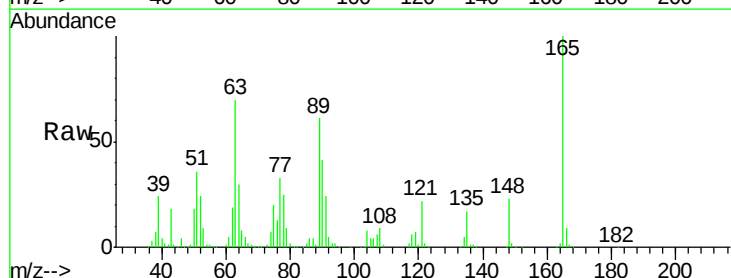
Instrument :
BNA_F
ClientSampleId :

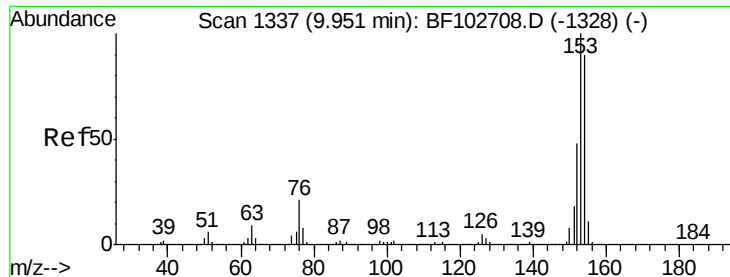
Tot Ion:163 Resp: 930638
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 43.89 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:165 Resp: 194226
Ion Ratio Lower Upper
165 100
63 70.0 44.7 67.1#
89 60.8 44.0 66.0





#51

Acenaphthene

Concen: 36.62 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

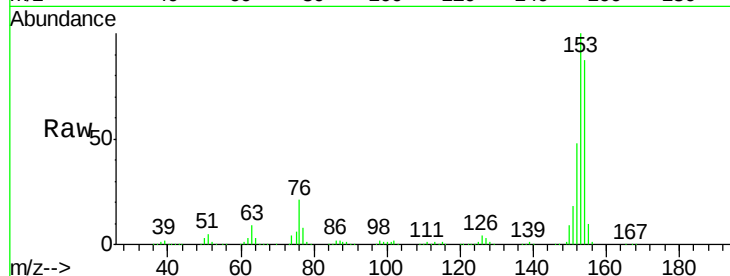
Tot Ion:154 Resp: 672947

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

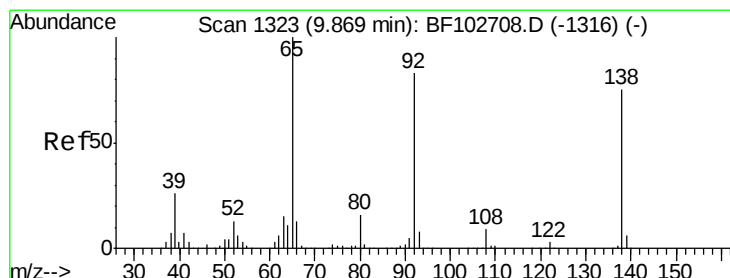
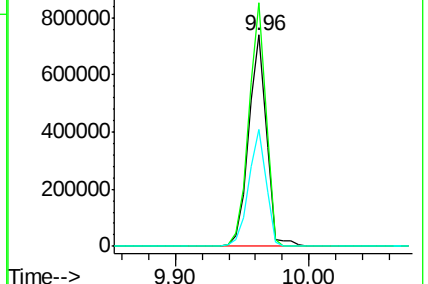
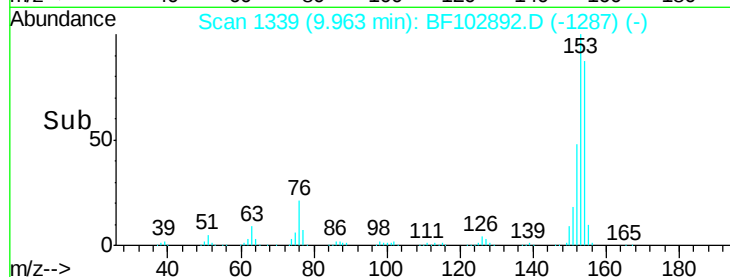
152 55.4 43.8 65.8



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: 22.21 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

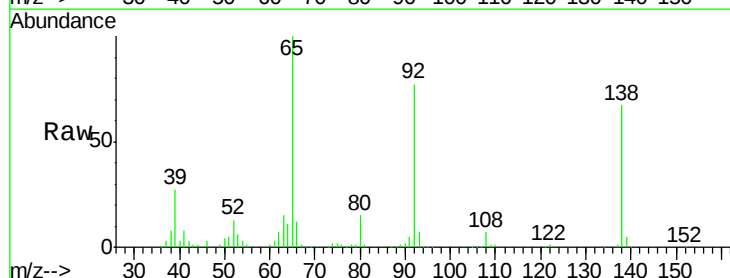
Tgt Ion:138 Resp: 120927

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

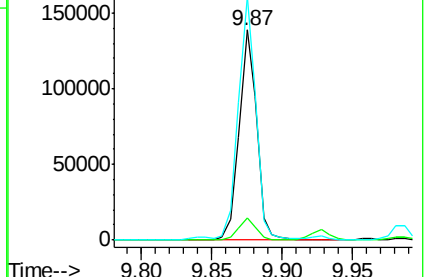
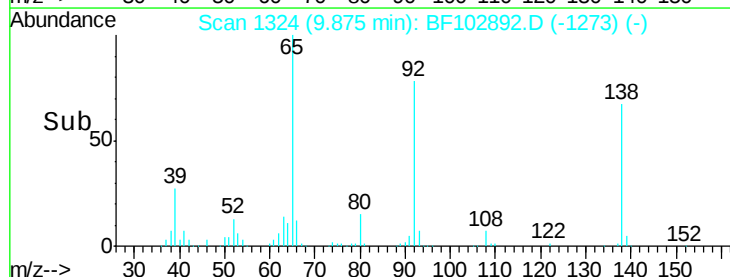
92 115.9 89.4 134.2

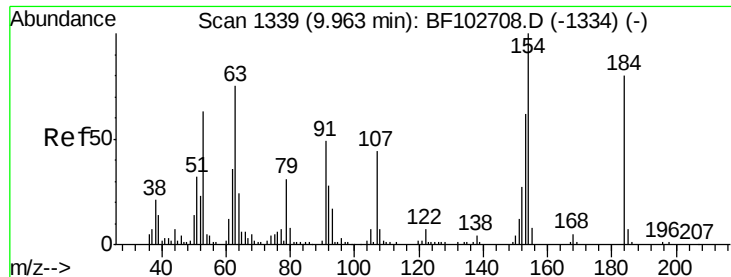


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

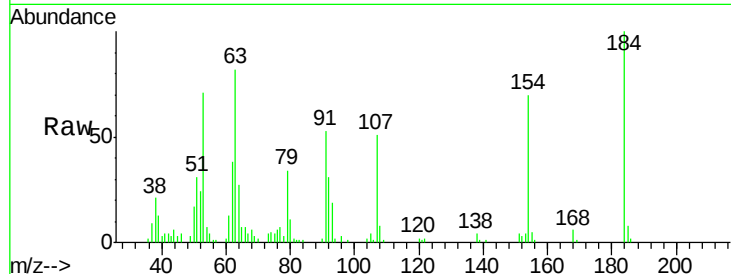




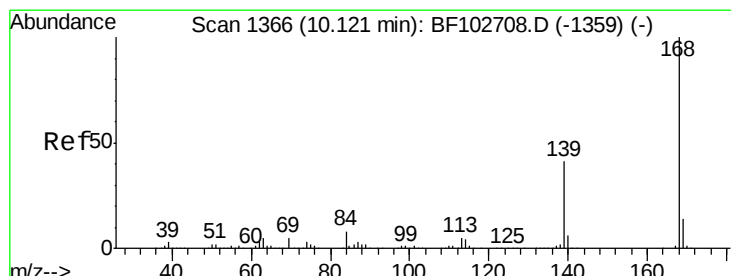
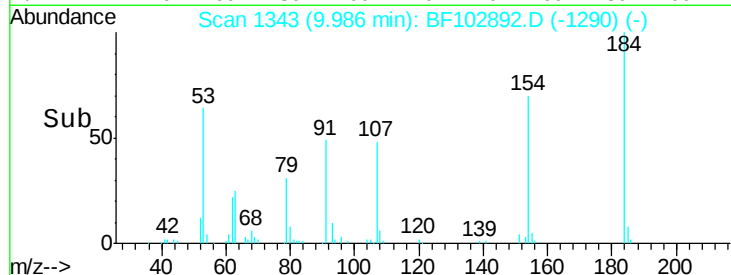
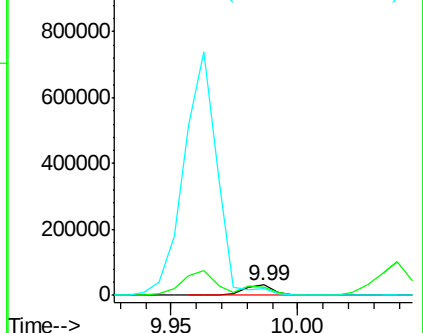
#53
2,4-Dinitrophenol
Concen: 33.20 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 27035
Ion Ratio Lower Upper
184 100
63 81.8 54.2 81.2#
154 69.9 184.0 276.0#

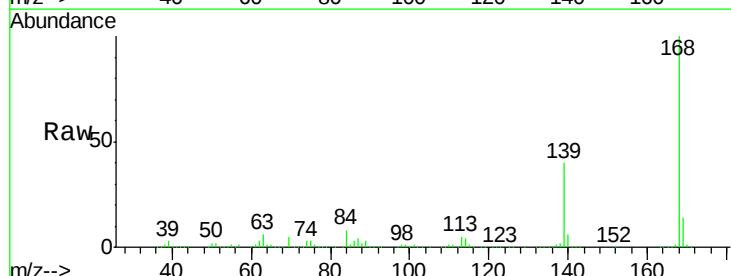


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

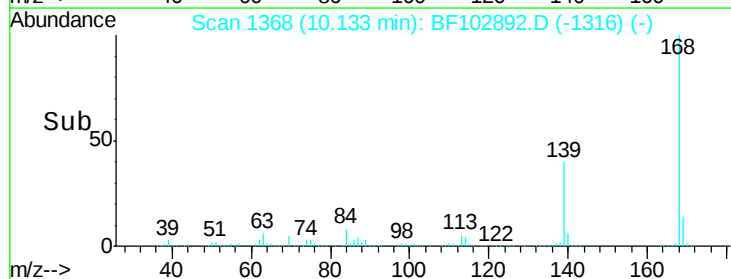
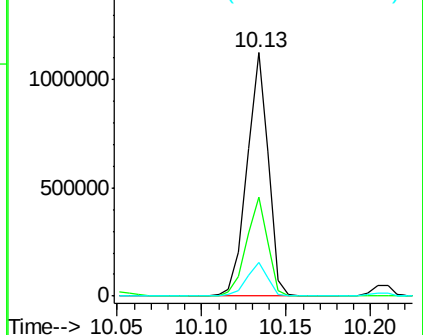


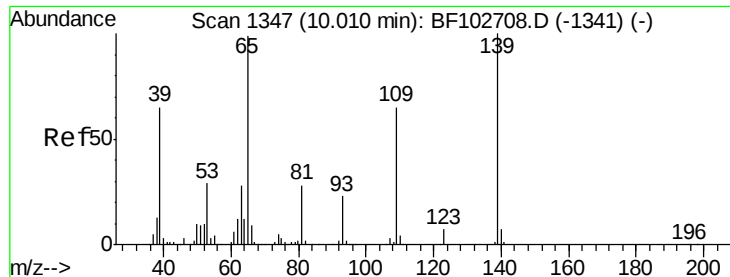
#54
Dibenzofuran
Concen: 38.30 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:168 Resp: 991623
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 13.7 10.9 16.3



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

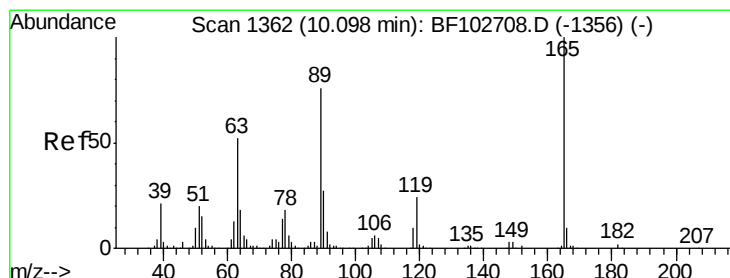
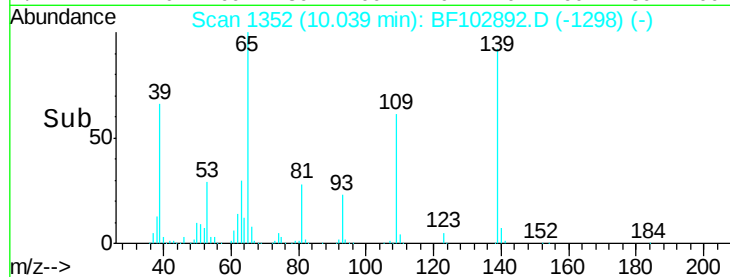
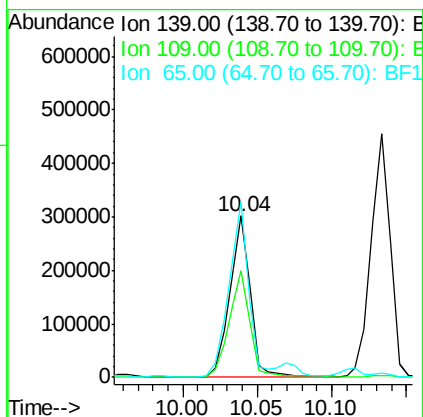
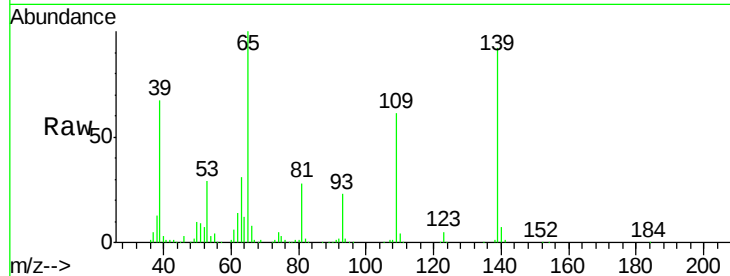




#55
4-Nitrophenol
Concen: 67.18 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

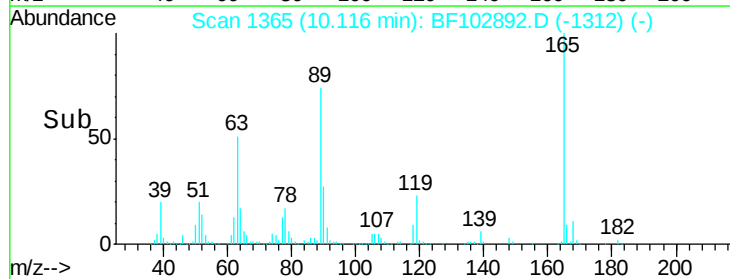
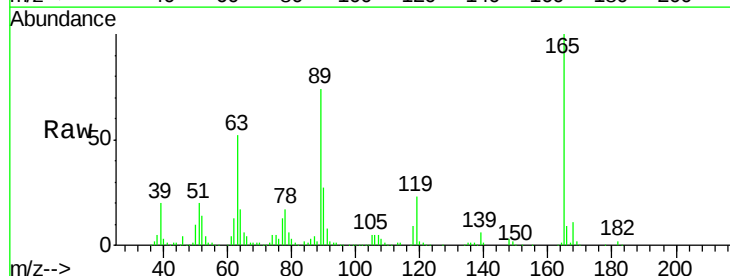
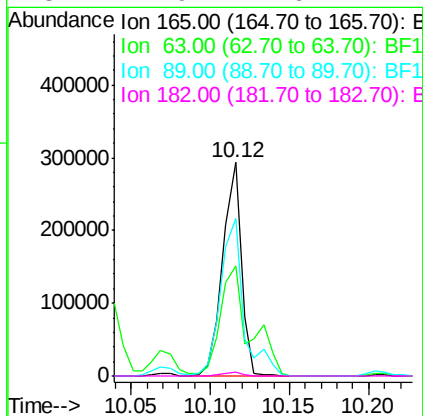
Instrument :
BNA_F
ClientSampled :

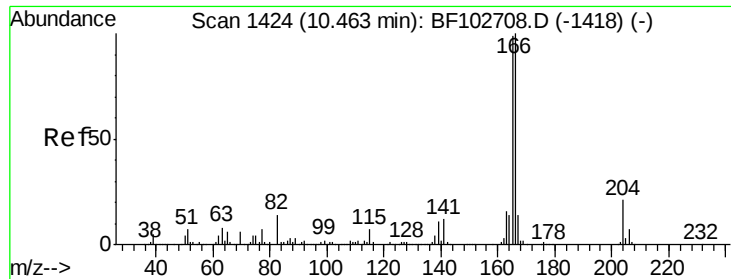
Tot Ion:139 Resp: 297598
Ion Ratio Lower Upper
139 100
109 66.1 48.4 88.4
65 109.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.16 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:165 Resp: 241506
Ion Ratio Lower Upper
165 100
63 51.5 36.4 54.6
89 73.9 57.8 86.6
182 1.9 1.6 2.4

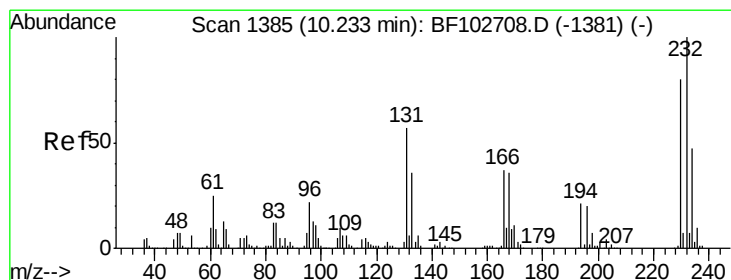
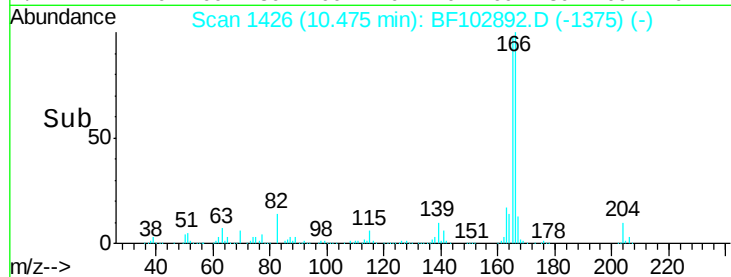
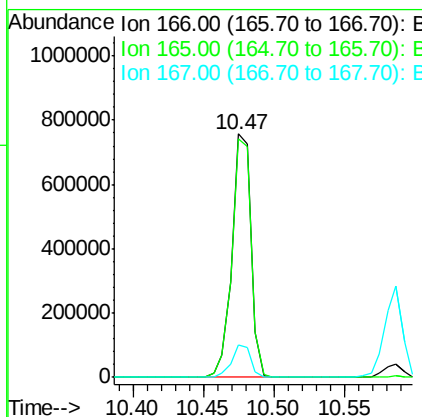
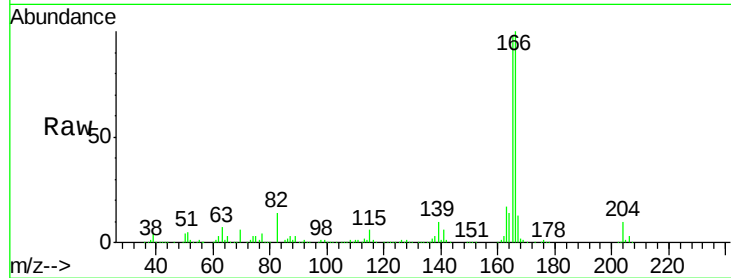




#57
 Fluorene
 Concen: 37.80 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

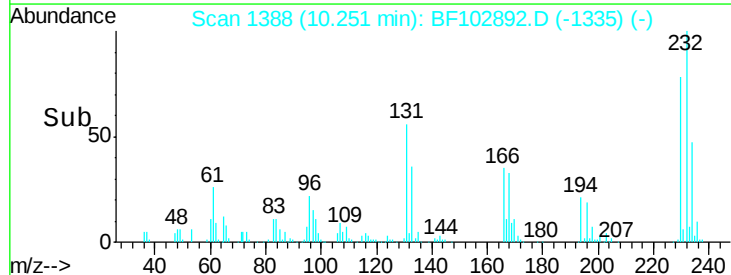
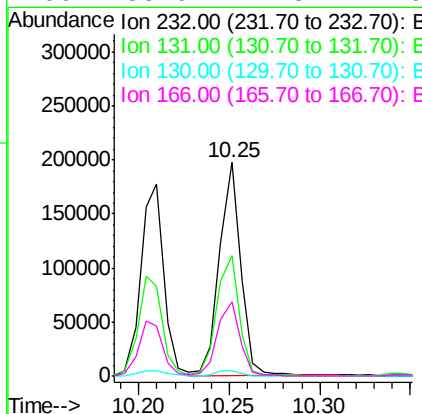
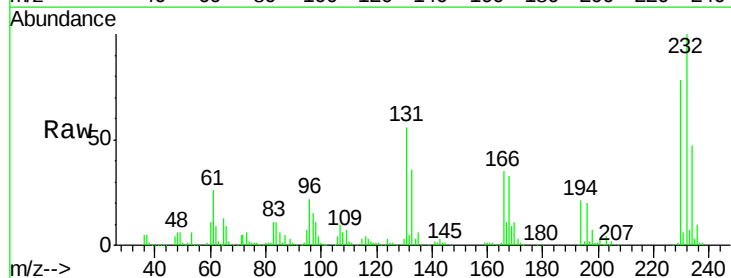
Instrument :
 BNA_F
 ClientSampled :

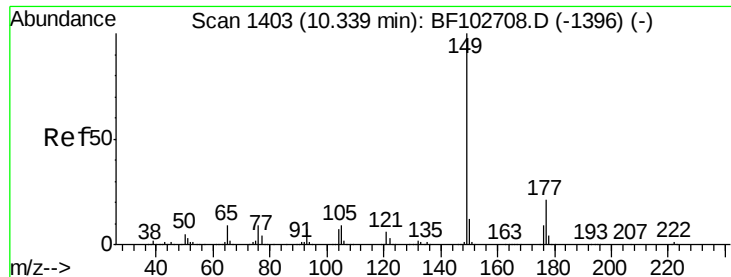
Tot Ion:166 Resp: 712127
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.80 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:232 Resp: 161705
 Ion Ratio Lower Upper
 232 100
 131 59.4 43.8 65.8
 130 2.9 2.1 3.1
 166 35.9 27.8 41.6

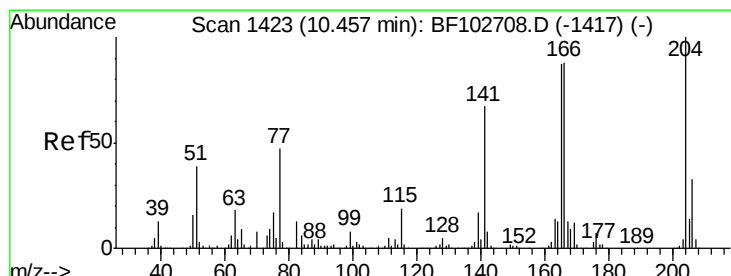
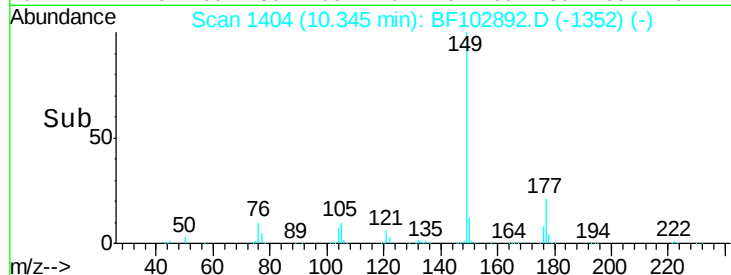
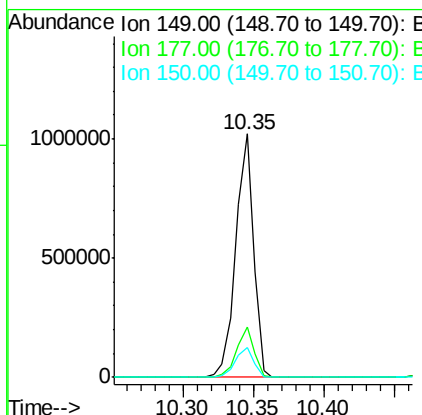
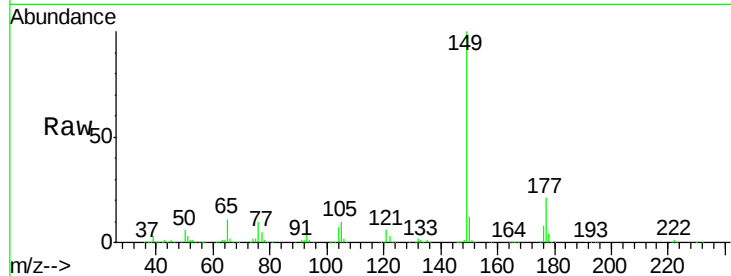




#59
Diethylphthalate
Concen: 39.11 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

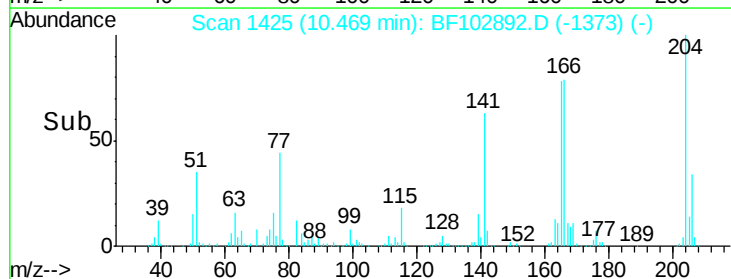
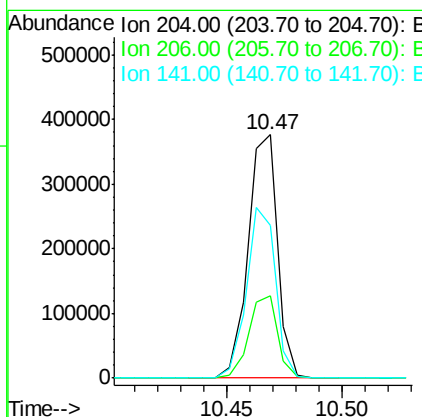
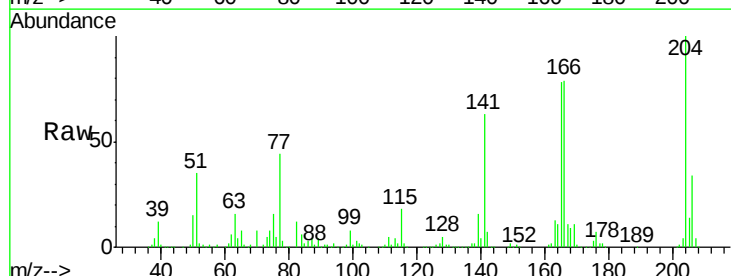
Instrument :
BNA_F
ClientSampleId :

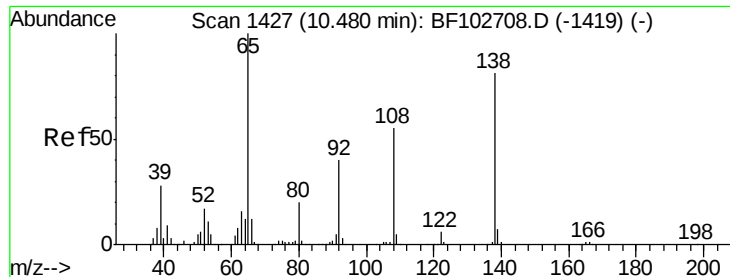
Tot Ion:149 Resp: 898251
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.26 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:204 Resp: 335563
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 62.9 54.6 81.8

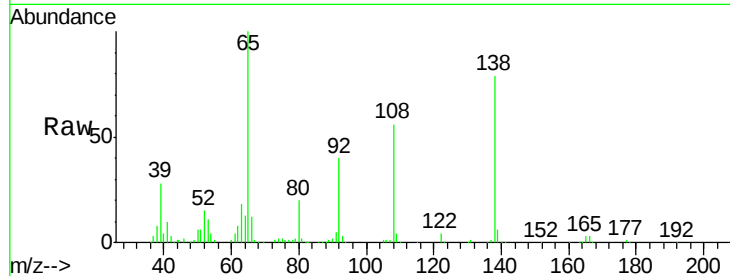




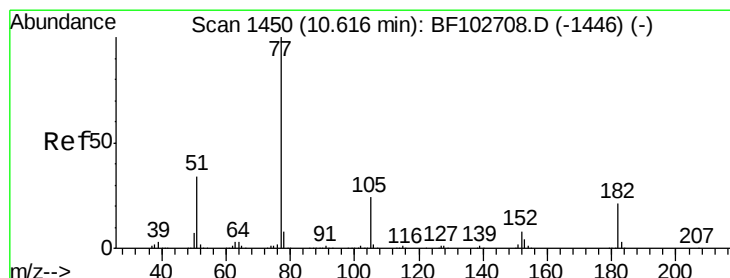
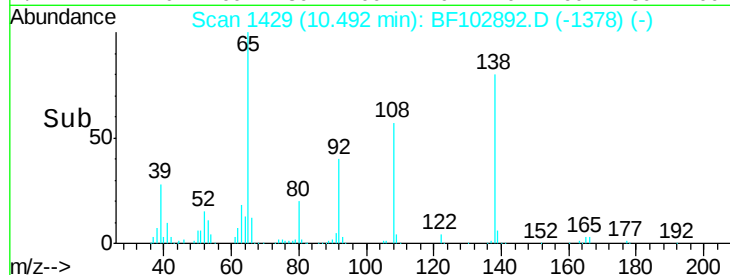
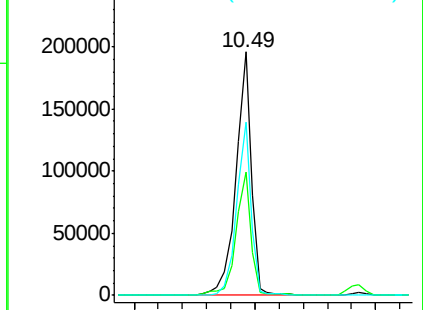
#61
4-Nitroaniline
Concen: 33.93 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleID :

Tot Ion:138 Resp: 175870
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 71.0 52.5 92.5

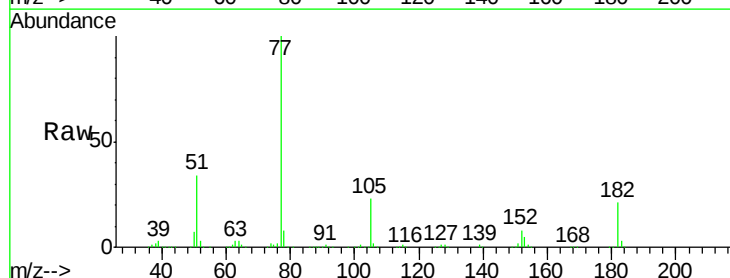


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

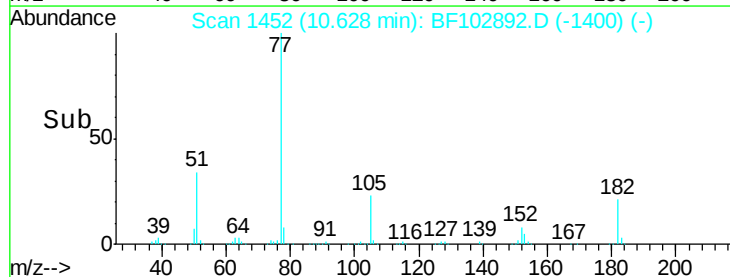
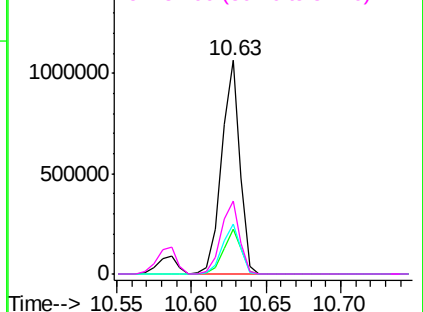


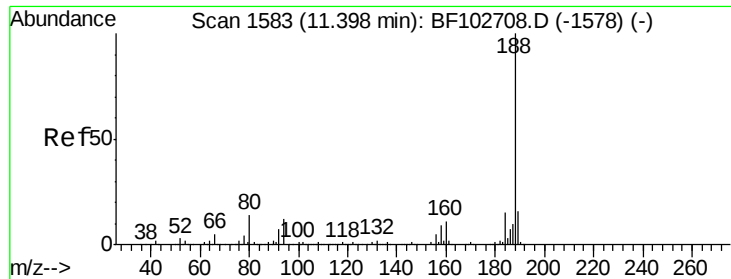
#62
Azobenzene
Concen: 39.90 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion: 77 Resp: 915422
Ion Ratio Lower Upper
77 100
182 20.7 1.7 41.7
105 23.3 3.0 43.0
51 34.2 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

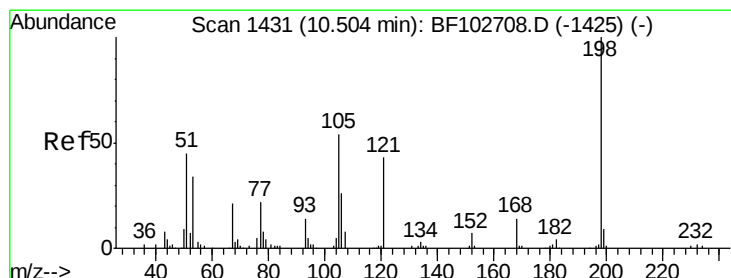
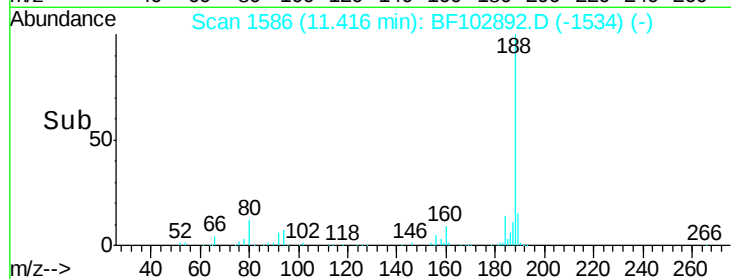
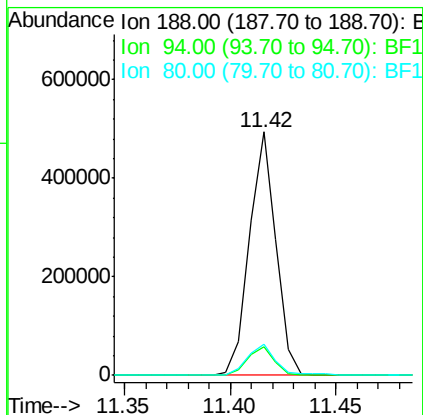
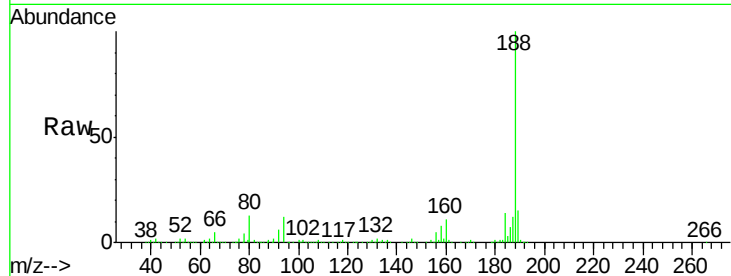




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

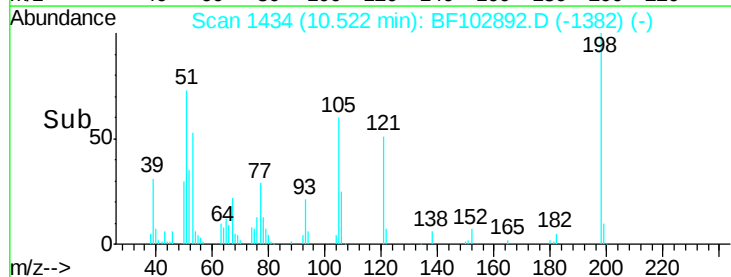
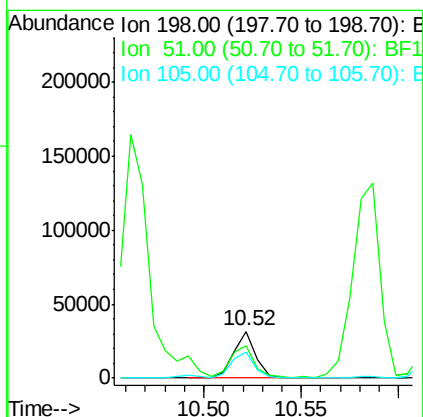
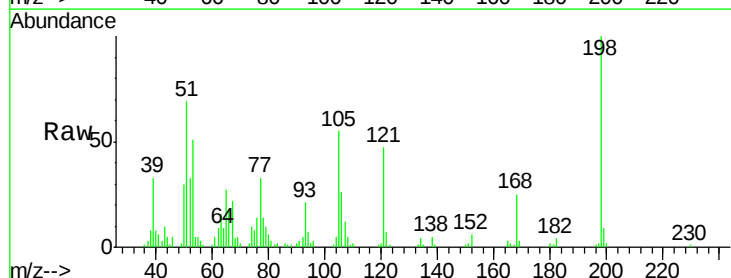
Instrument :
BNA_F
ClientSampleId :

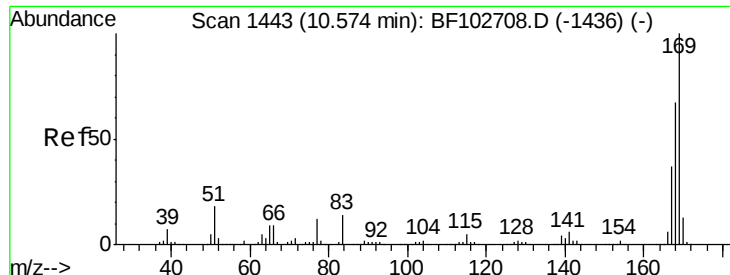
Tot Ion:188 Resp: 430245
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.13 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:198 Resp: 24833
Ion Ratio Lower Upper
198 100
51 69.0 37.7 77.7
105 55.4 36.3 76.3

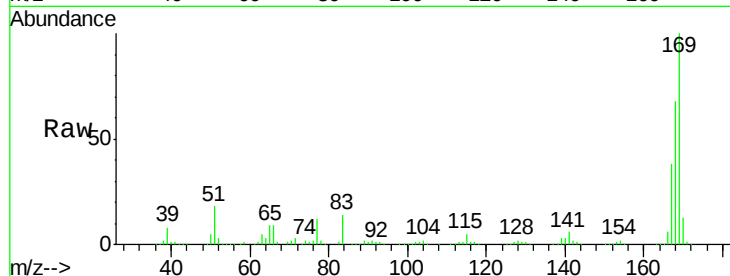




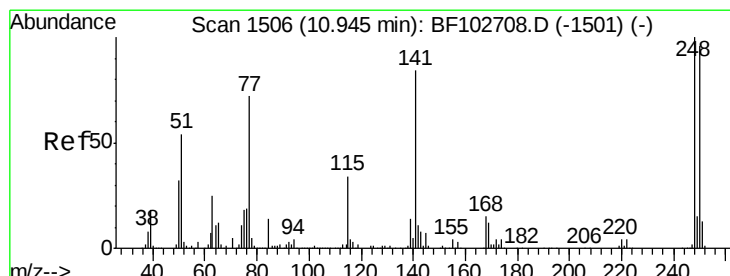
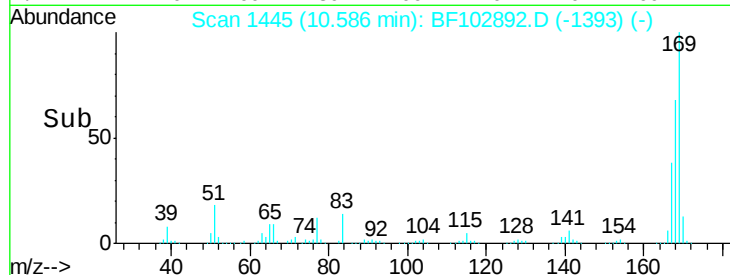
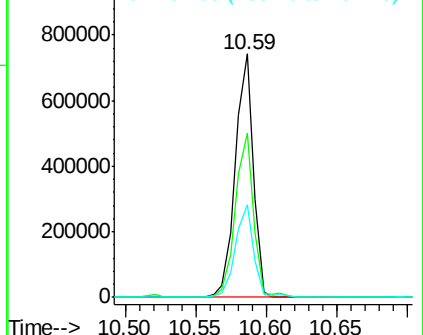
#65
n-Nitrosodiphenylamine
Concen: 43.35 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 657918
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 38.0 29.8 44.6

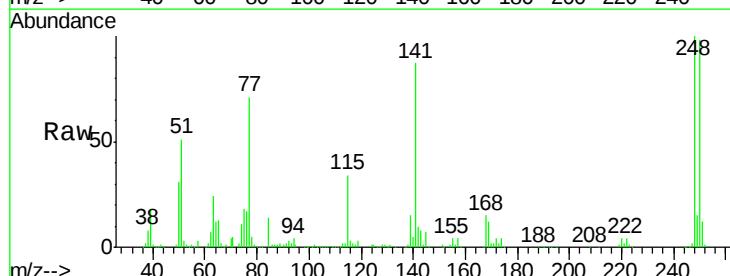


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

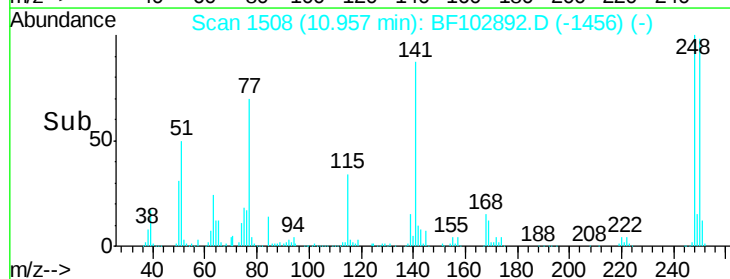
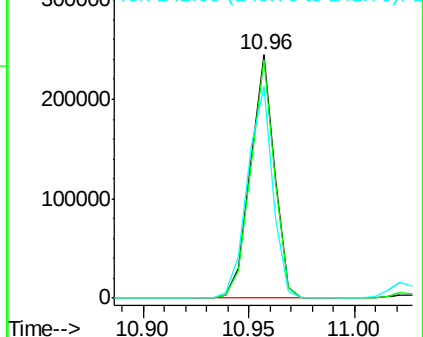


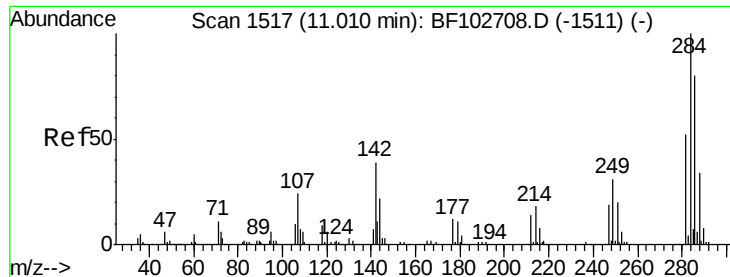
#66
4-Bromophenyl-phenylether
Concen: 42.69 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:248 Resp: 194291
Ion Ratio Lower Upper
248 100
250 97.8 76.9 115.3
141 86.7 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

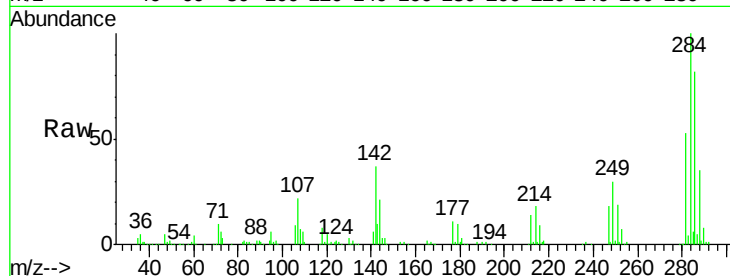




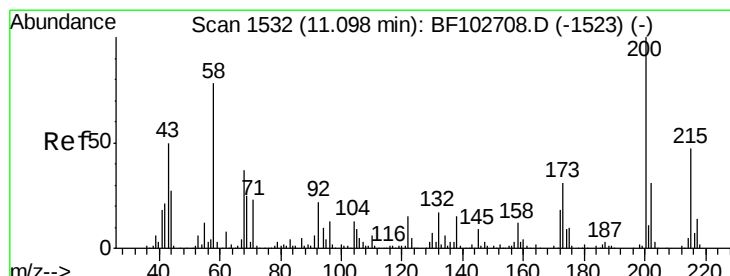
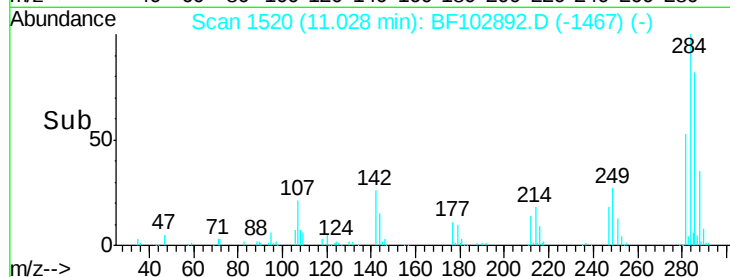
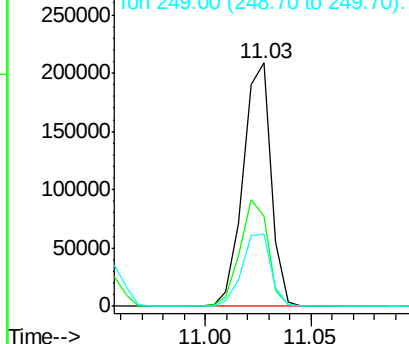
#67
Hexachlorobenzene
Concen: 38.24 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 192002
Ion Ratio Lower Upper
284 100
142 36.9 34.6 52.0
249 29.7 24.8 37.2

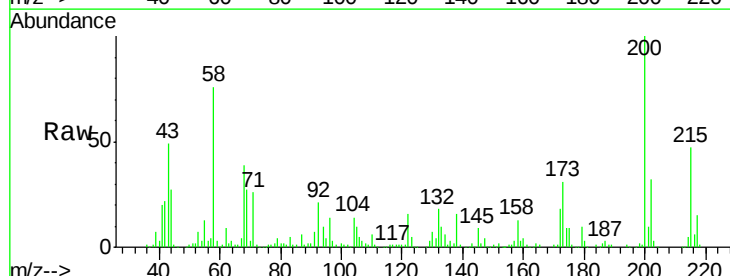


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

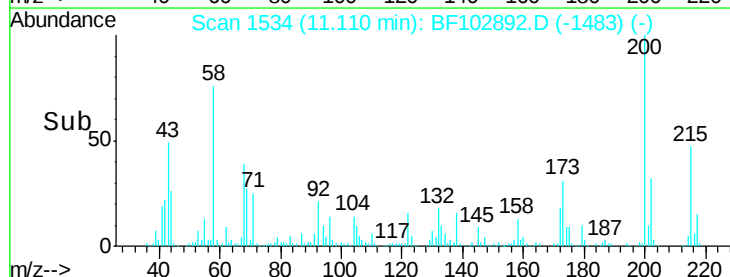
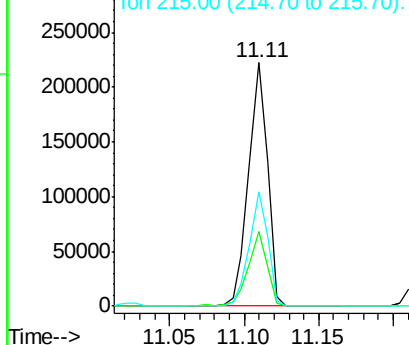


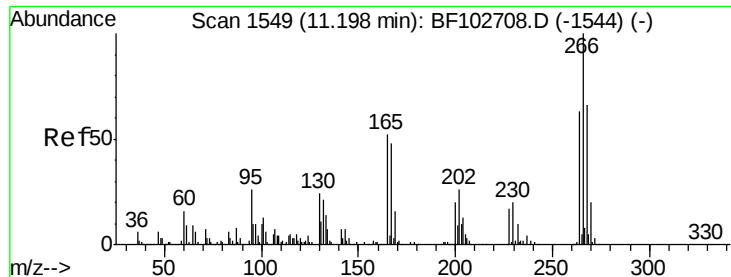
#68
Atrazine
Concen: 43.96 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:200 Resp: 196829
Ion Ratio Lower Upper
200 100
173 30.7 8.6 48.6
215 47.1 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

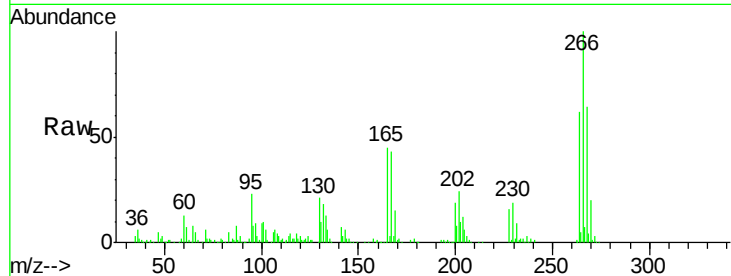




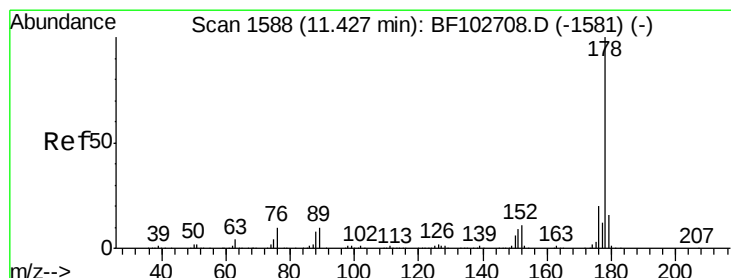
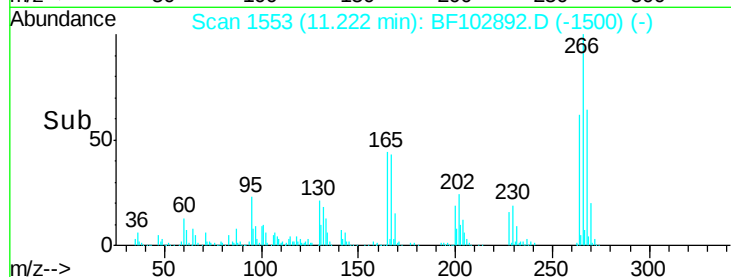
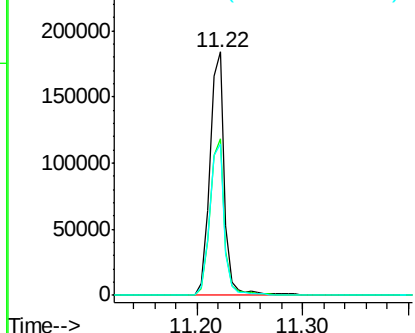
#69
 Pentachlorophenol
 Concen: 60.89 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 179451
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 62.4 49.5 74.3

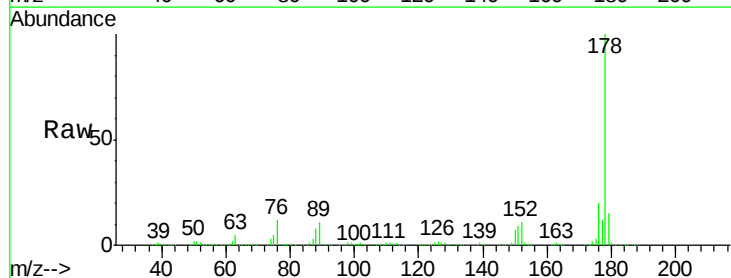


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

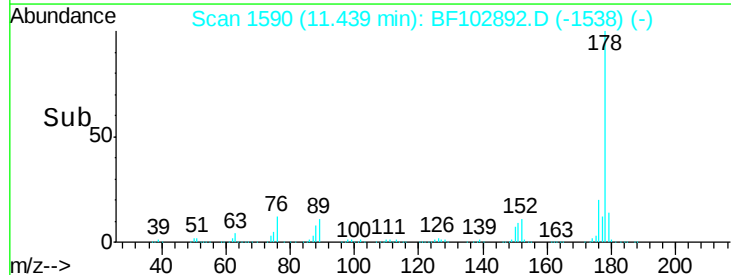
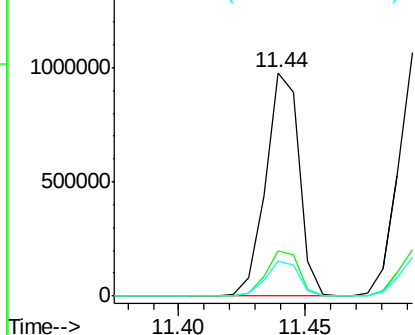


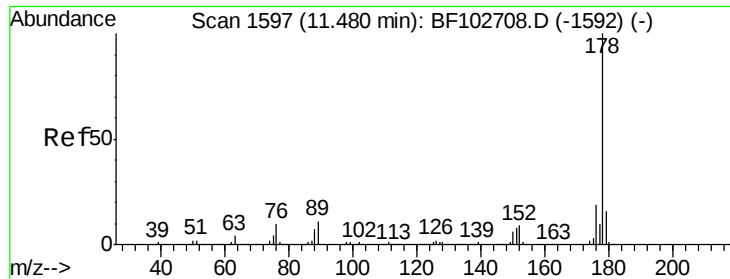
#70
 Phenanthrene
 Concen: 37.80 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:178 Resp: 905709
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.4 13.0 19.6



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

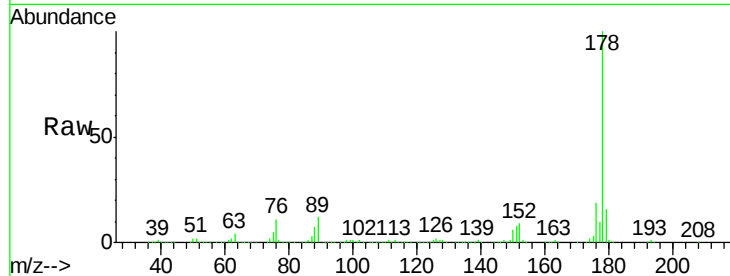




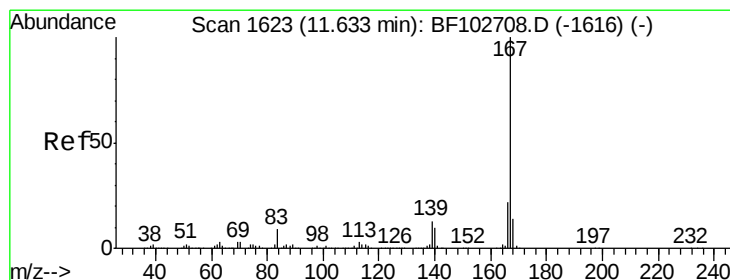
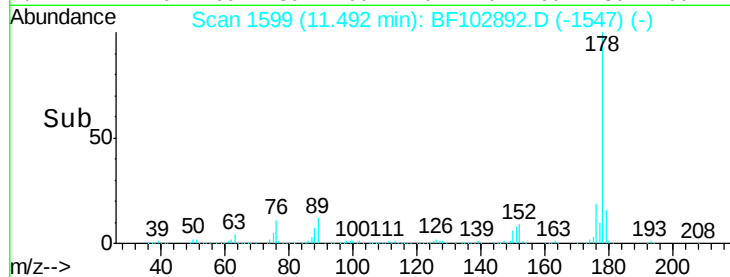
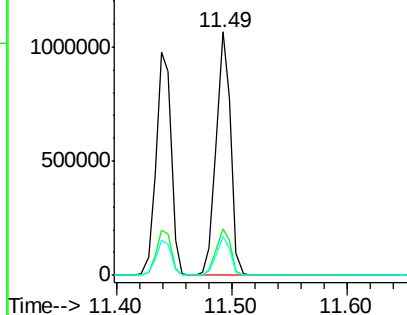
#71
 Anthracene
 Concen: 38.00 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 926151
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0

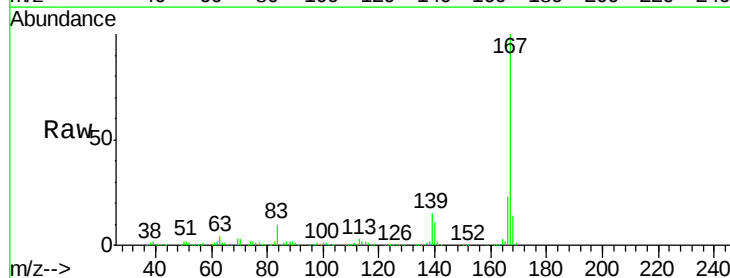


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

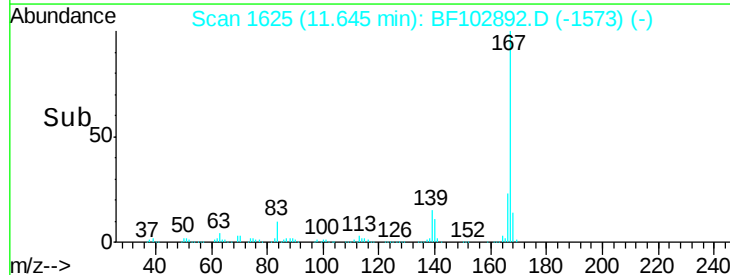
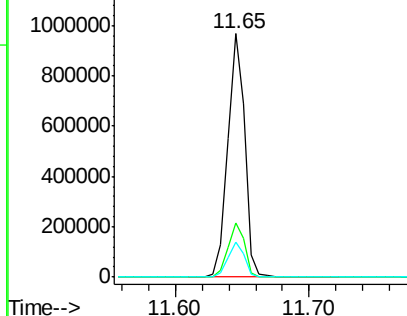


#72
 Carbazole
 Concen: 36.50 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:167 Resp: 871404
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.5 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 43.16 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

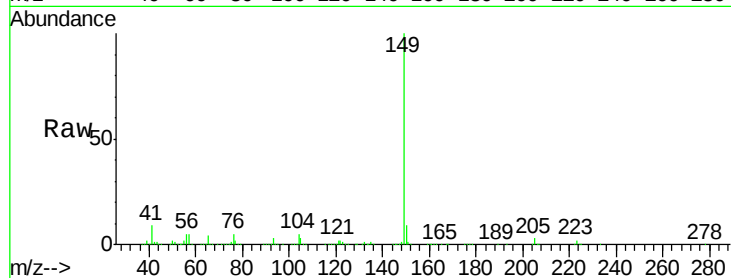
Tot Ion:149 Resp: 1251663

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

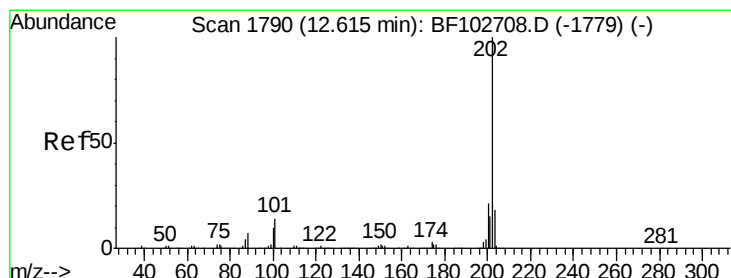
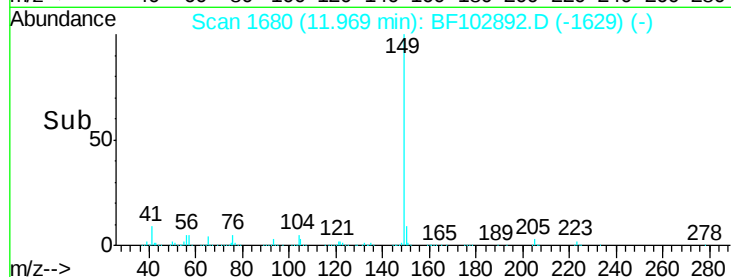
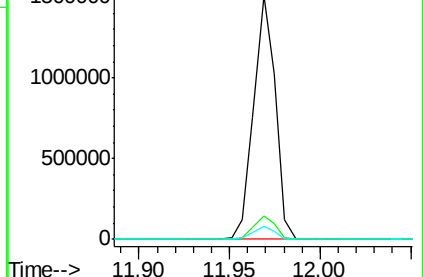
104 5.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.19 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

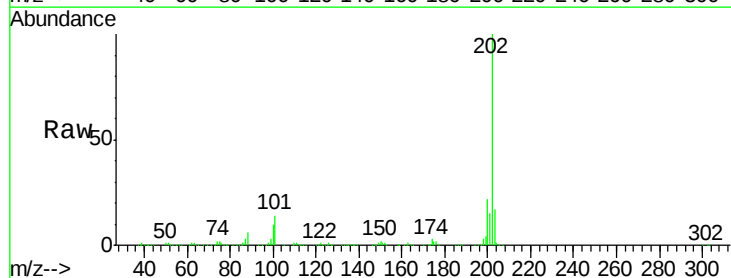
Tgt Ion:202 Resp: 848479

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

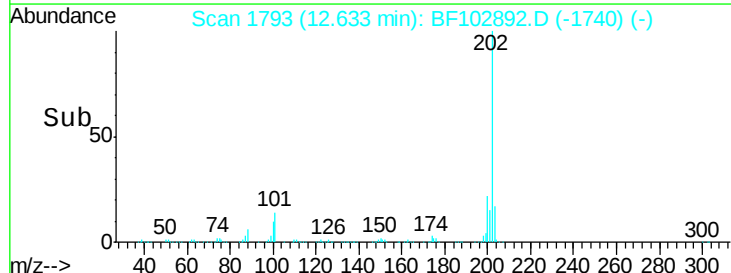
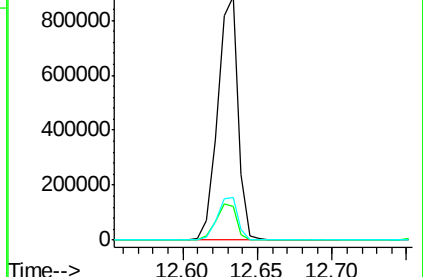
203 17.4 0.0 38.1

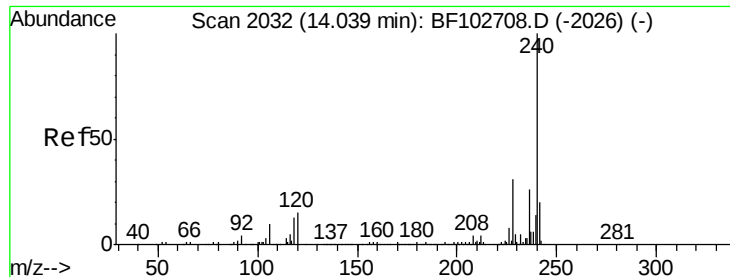


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampled :

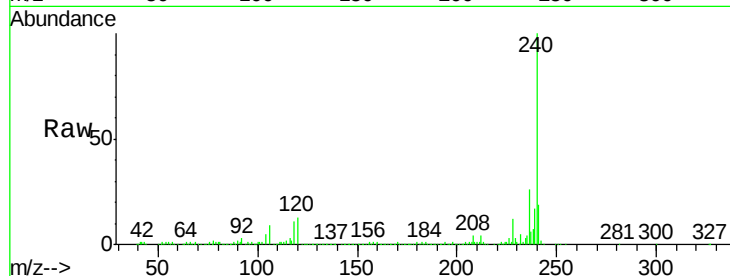
Tot Ion:240 Resp: 305817

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

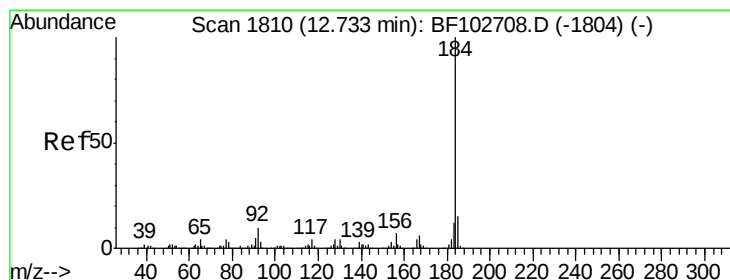
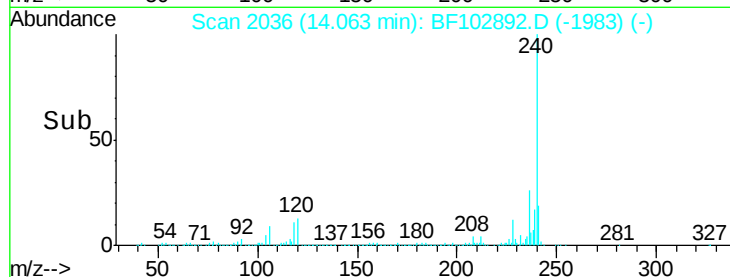
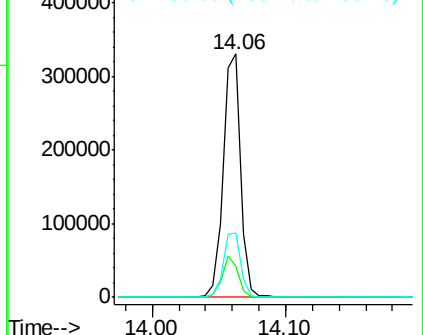
236 26.3 20.7 31.1



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: 36.19 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

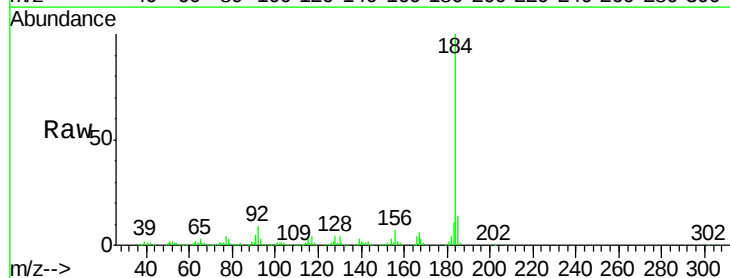
Tgt Ion:184 Resp: 508668

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

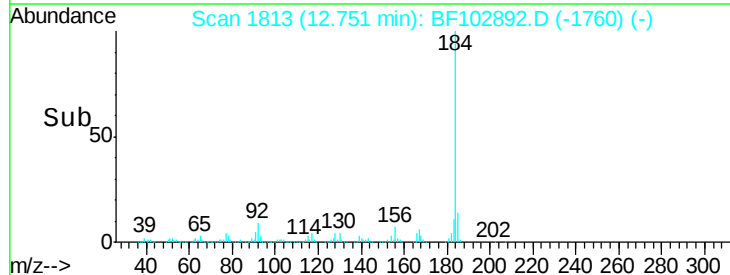
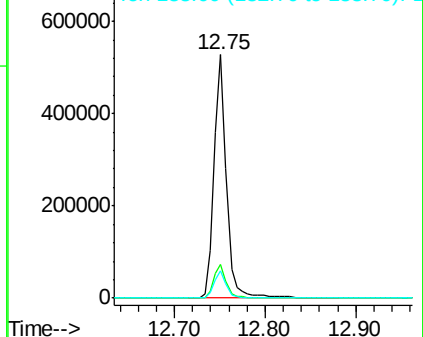
183 11.4 9.3 13.9



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: 36.18 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

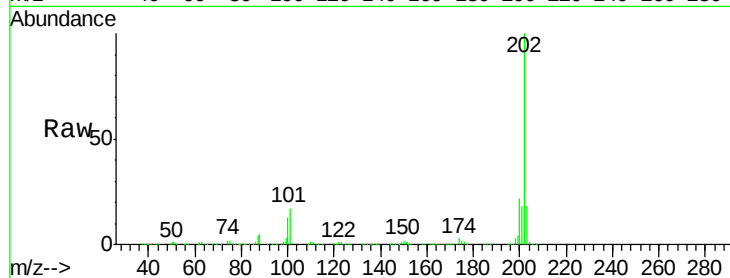
Tot Ion:202 Resp: 867618

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

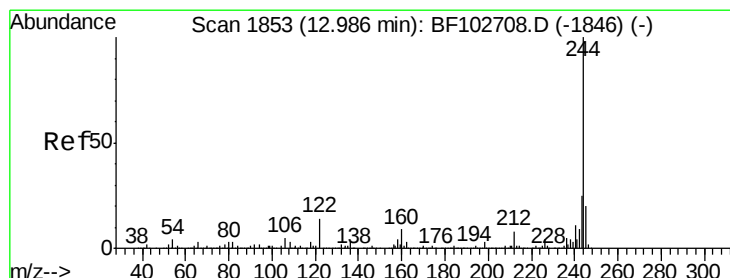
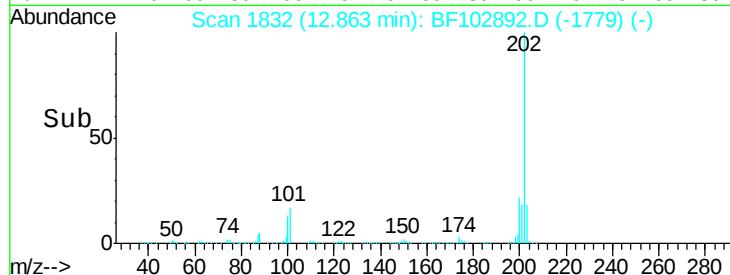
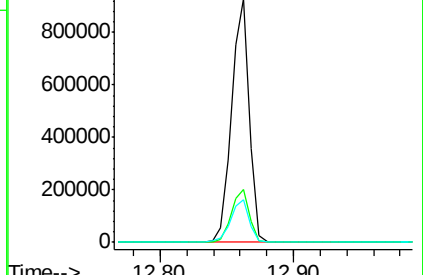
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.65 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

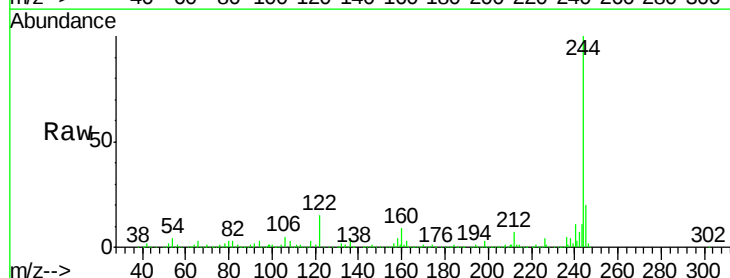
Tgt Ion:244 Resp: 1054577

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

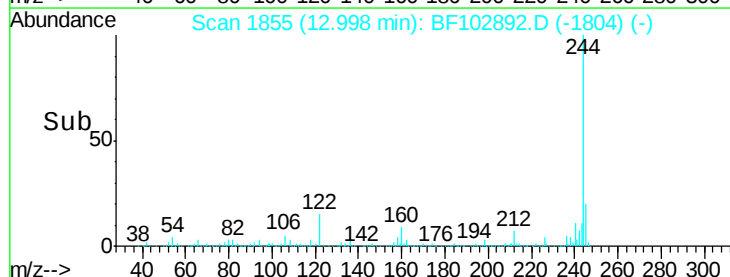
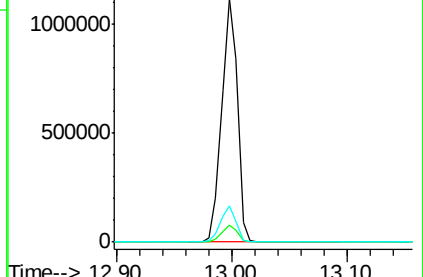
122 15.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

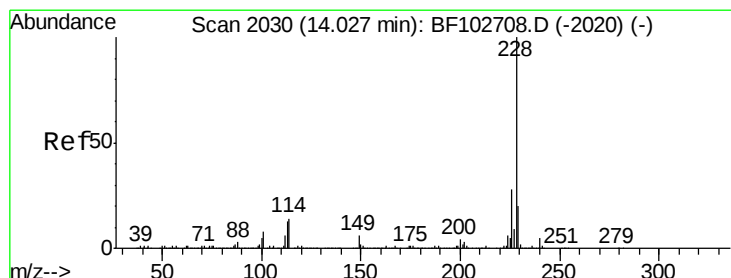
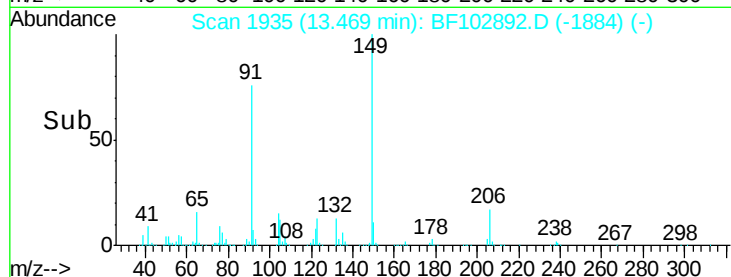
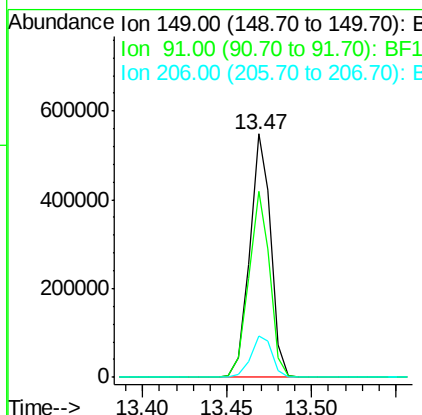
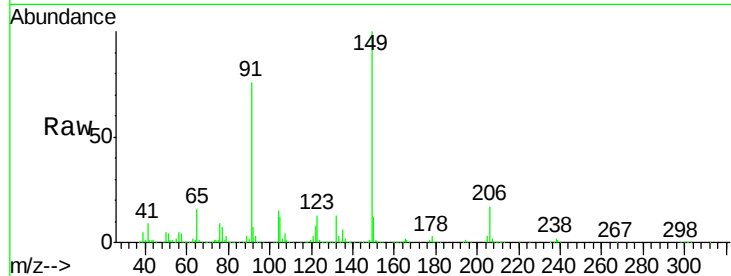




#79
Butylbenzylphthalate
Concen: 41.60 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

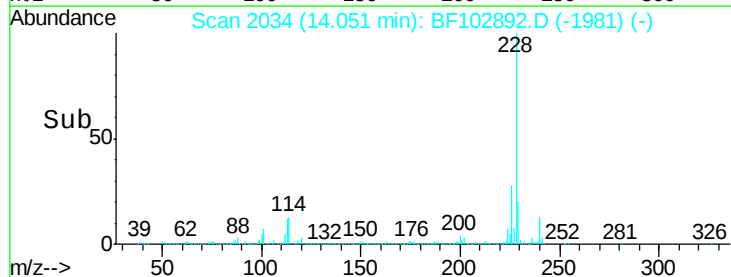
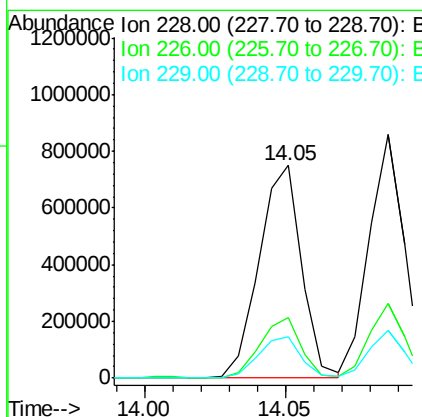
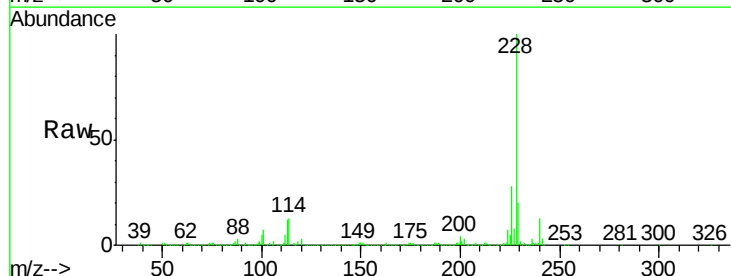
Instrument :
BNA_F
ClientSampleId :

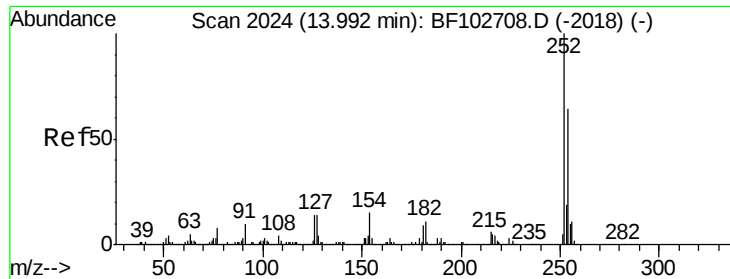
Tot Ion:149 Resp: 475640
Ion Ratio Lower Upper
149 100
91 76.2 56.8 85.2
206 16.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.55 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:228 Resp: 779824
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.6 15.8 23.6

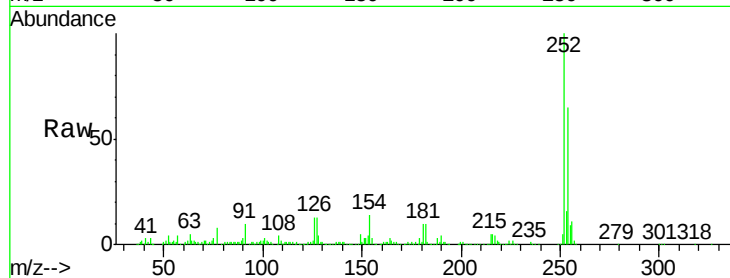




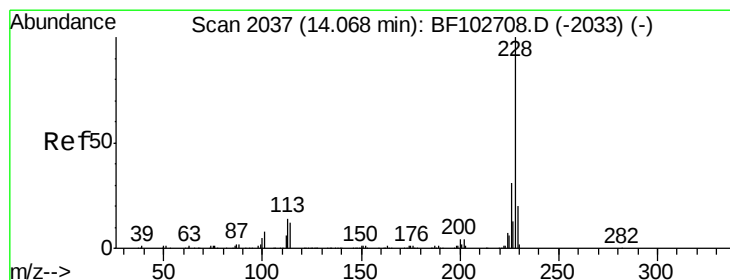
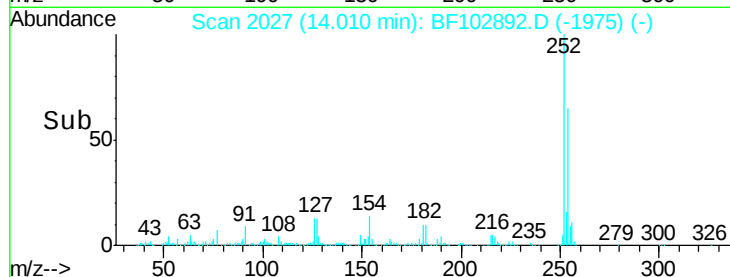
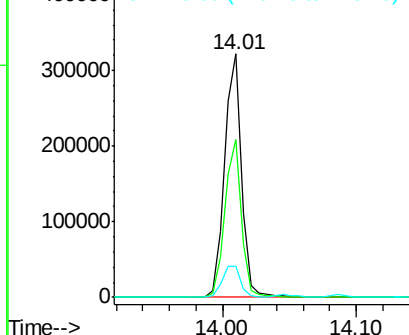
#81
 3,3'-Dichlorobenzidine
 Concen: 40.80 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	12.9	11.3	16.9

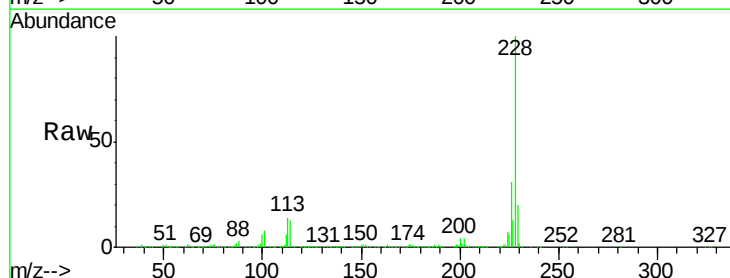


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

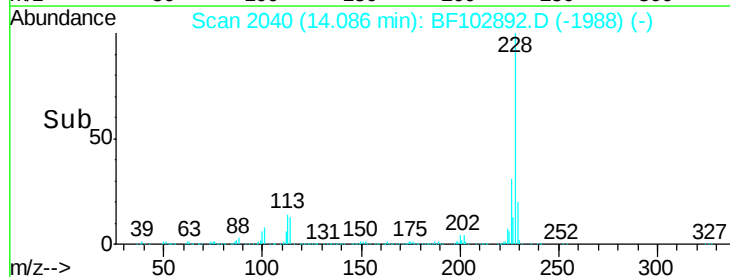
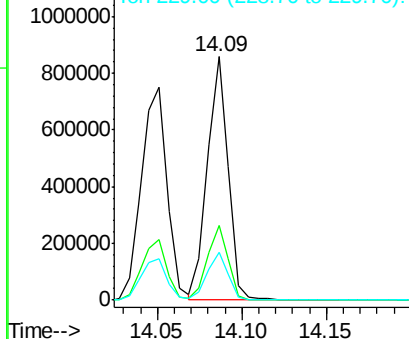


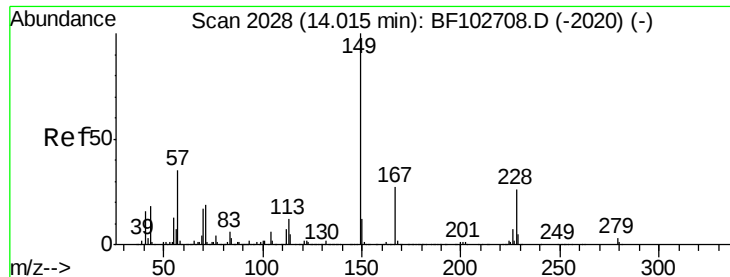
#82
 Chrysene
 Concen: 38.11 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.8	16.2	24.4



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

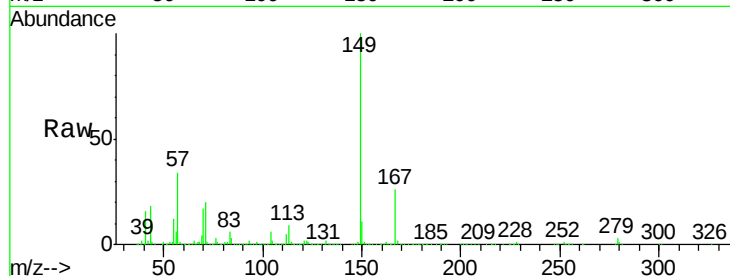




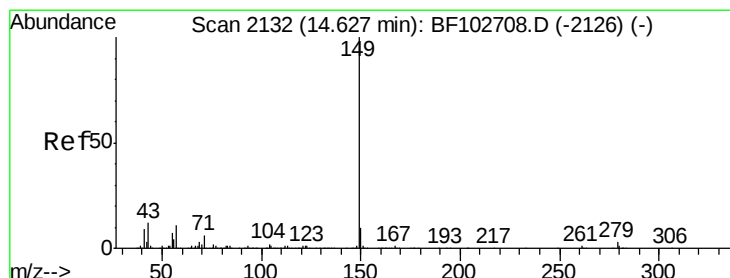
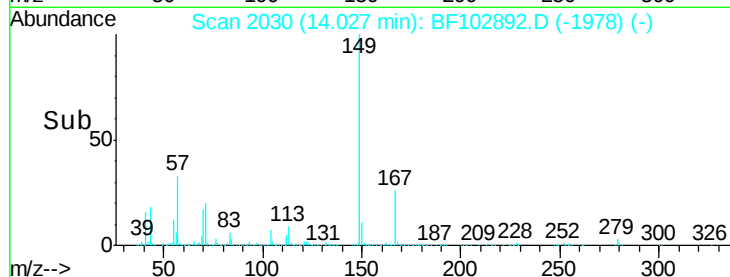
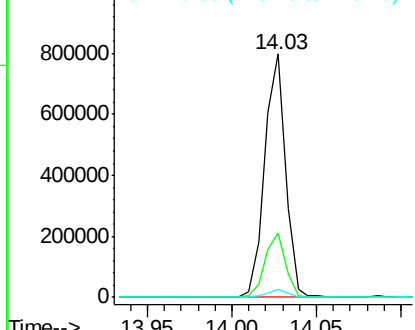
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.34 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 680707
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.1 3.0 4.4

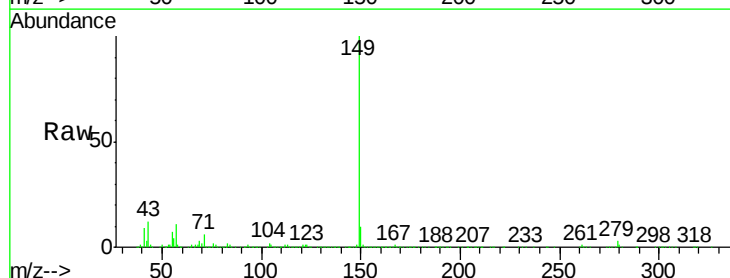


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

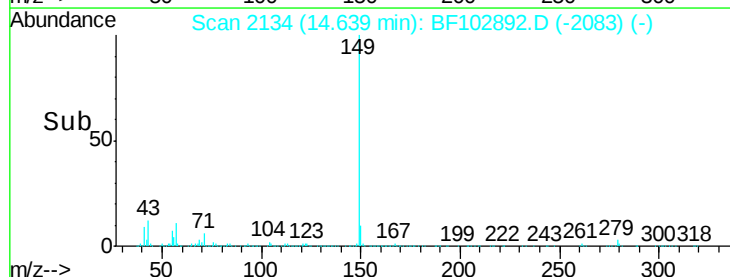
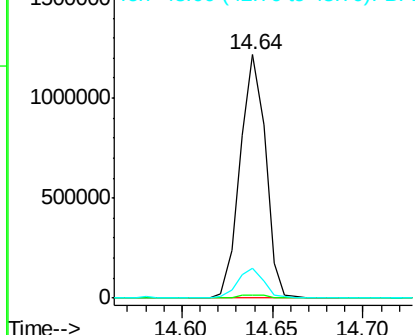


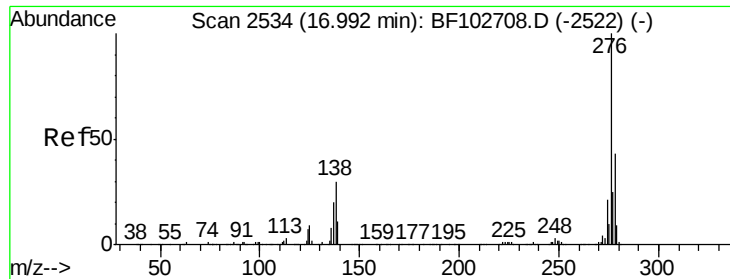
#84
 Di-n-octyl phthalate
 Concen: 53.76 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:149 Resp: 1185911
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.0 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

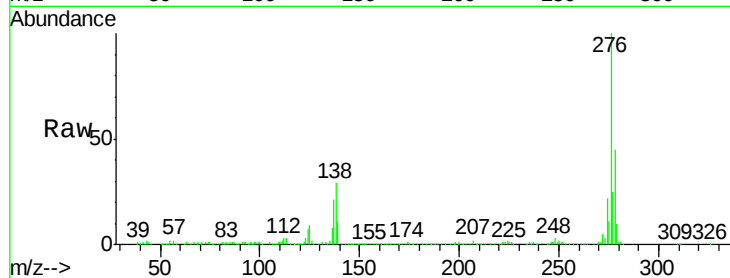




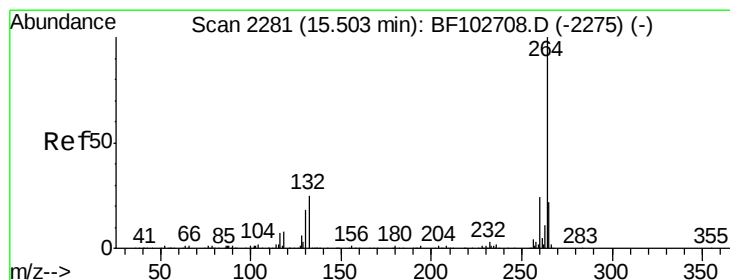
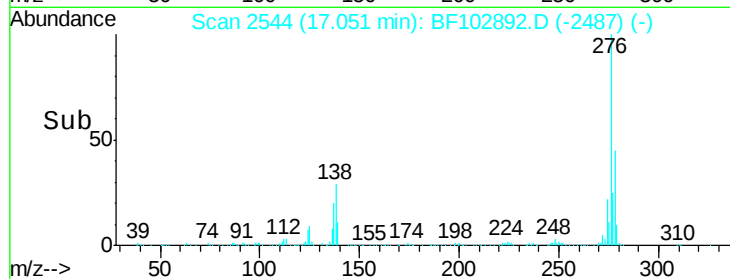
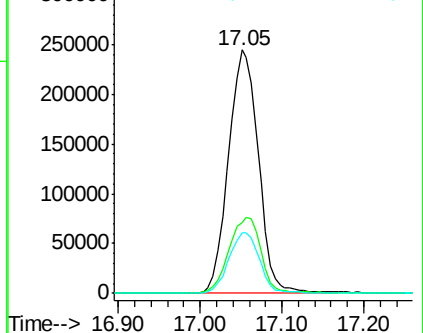
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.89 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.04 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 625304
 Ion Ratio Lower Upper
 276 100
 138 33.7 25.0 37.6
 277 25.5 20.1 30.1

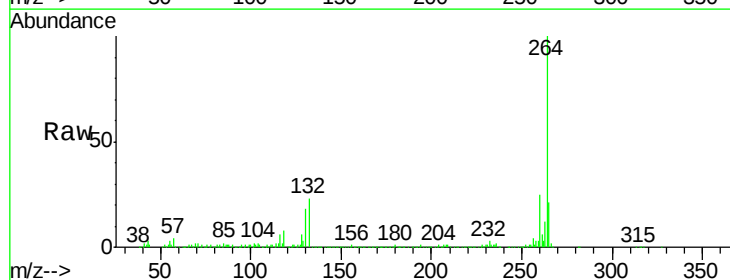


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

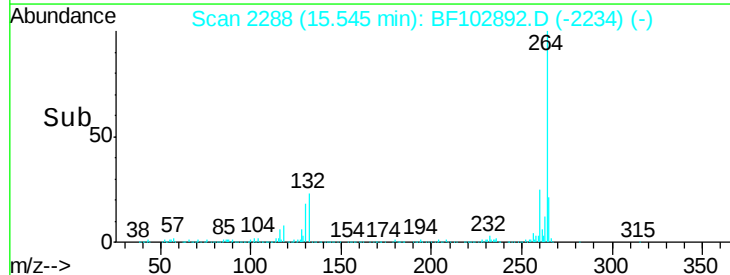
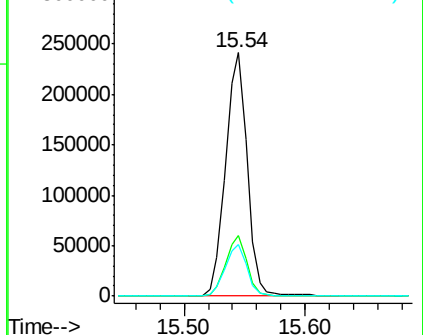


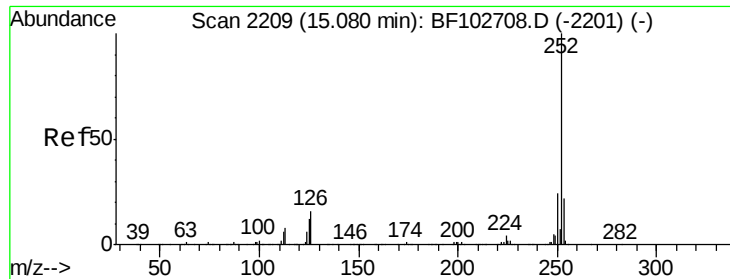
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:264 Resp: 300935
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 20.9 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

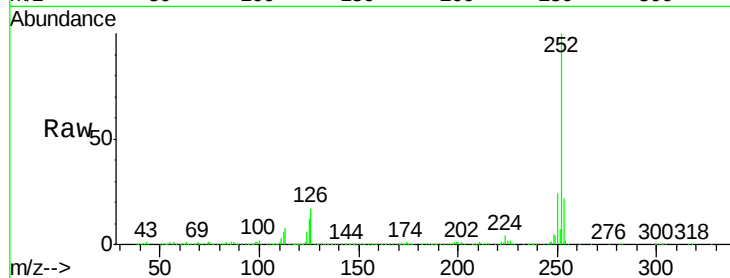




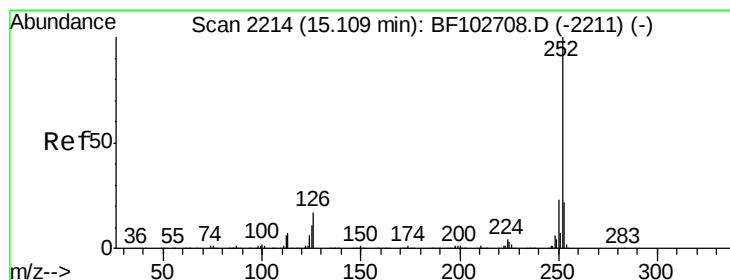
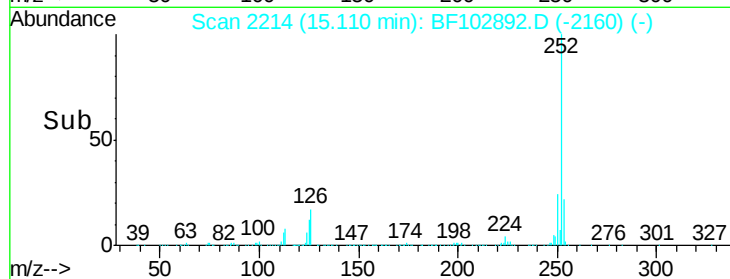
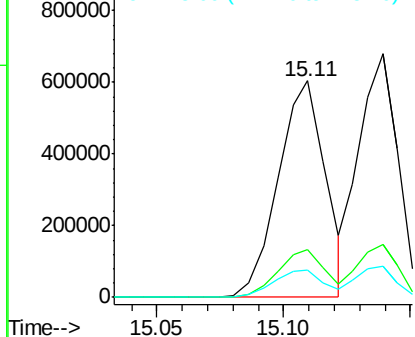
#87
Benzo(b)fluoranthene
Concen: 40.10 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 782338
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.4 9.0 13.6

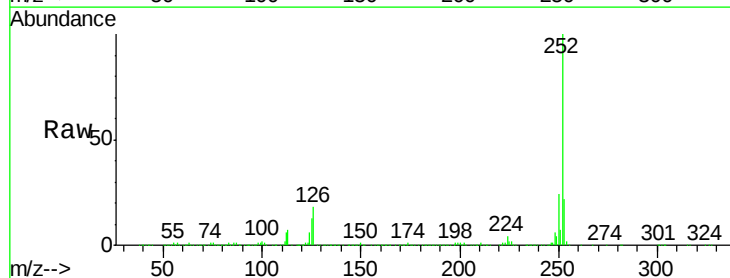


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

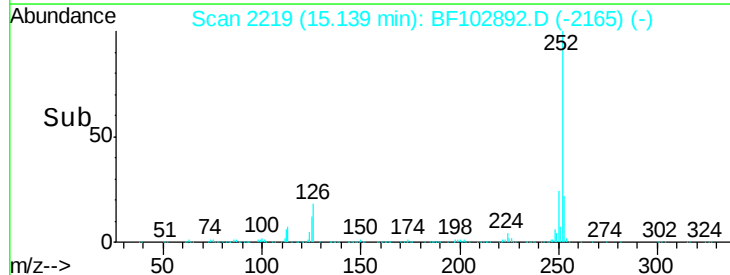
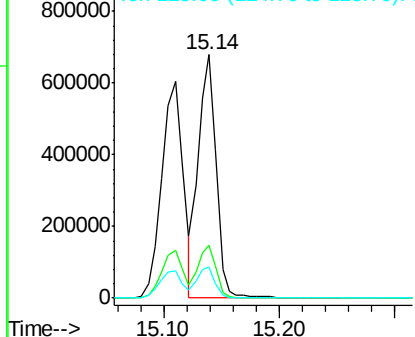


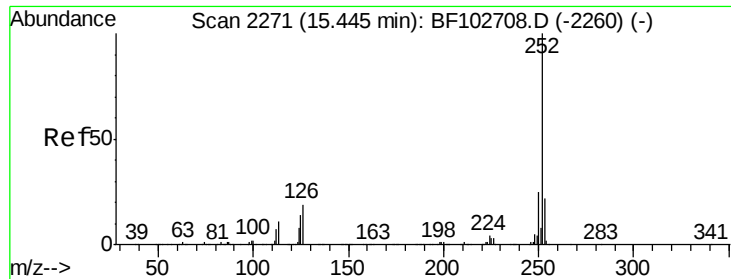
#88
Benzo(k)fluoranthene
Concen: 39.78 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:252 Resp: 741564
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.6 10.2 15.2



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

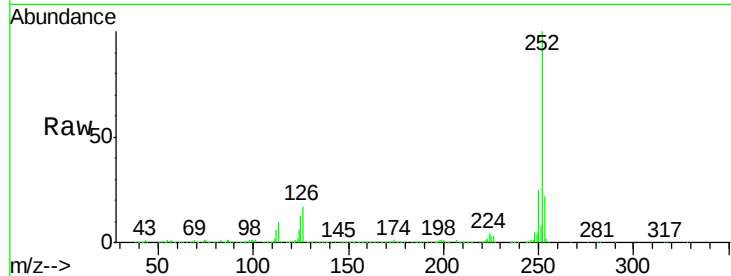




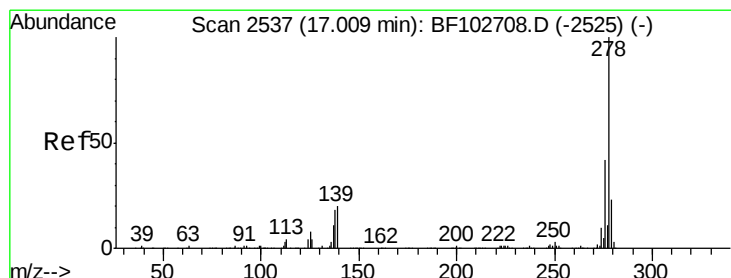
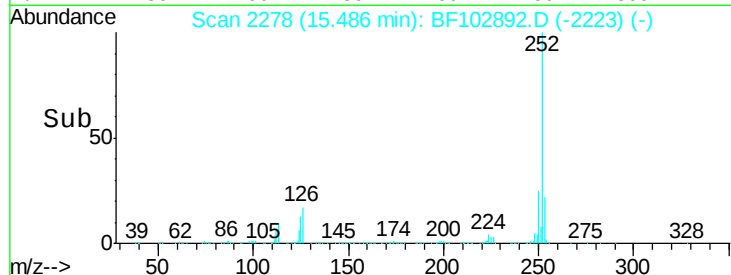
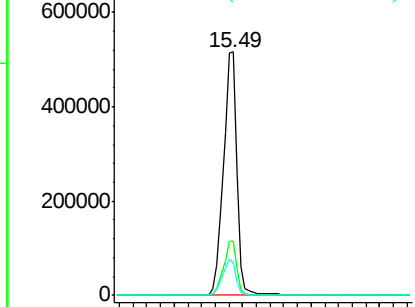
#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 711124
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.2 9.8 14.6

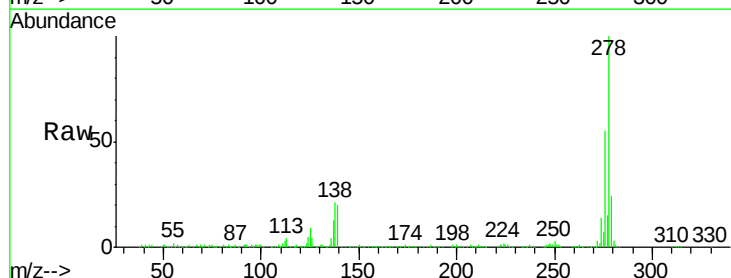


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

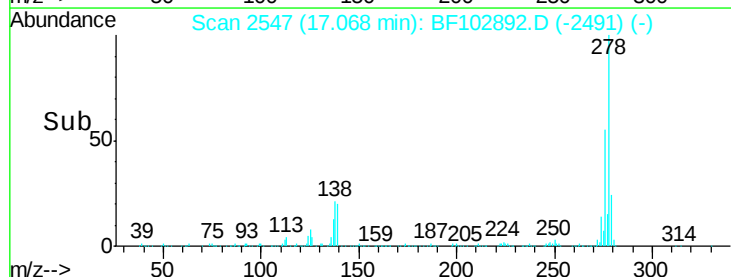
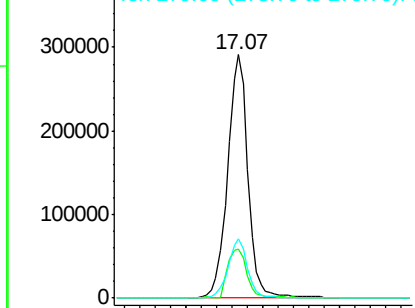


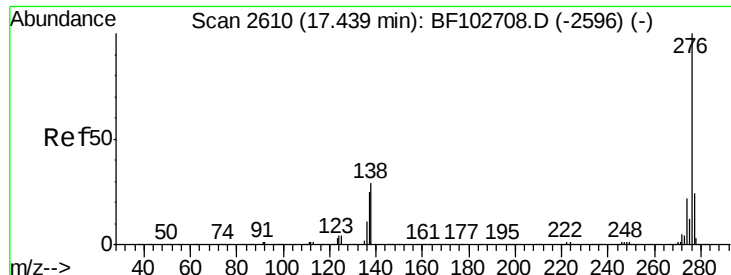
#90
Dibenzo(a,h)anthracene
Concen: 37.82 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.03 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:278 Resp: 539152
Ion Ratio Lower Upper
278 100
139 20.4 15.9 23.9
279 24.2 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

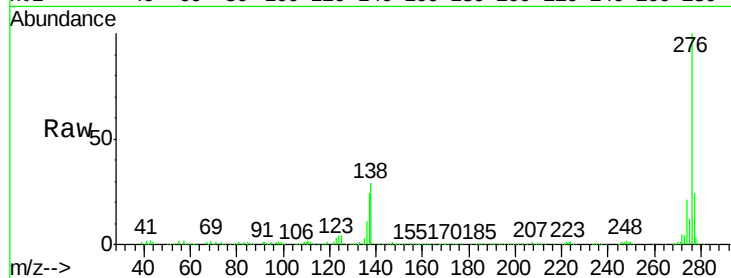




#91
 Benzo(a,h,i)perylene
 Concen: 36.08 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.04 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	28.9	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

