

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102958.D
 Acq On : 13 Feb 2018 13:42
 Operator : SJ/JU
 Sample : J1518-02DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:05:11 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 00:38:27 2018
 Response via : Initial Calibration

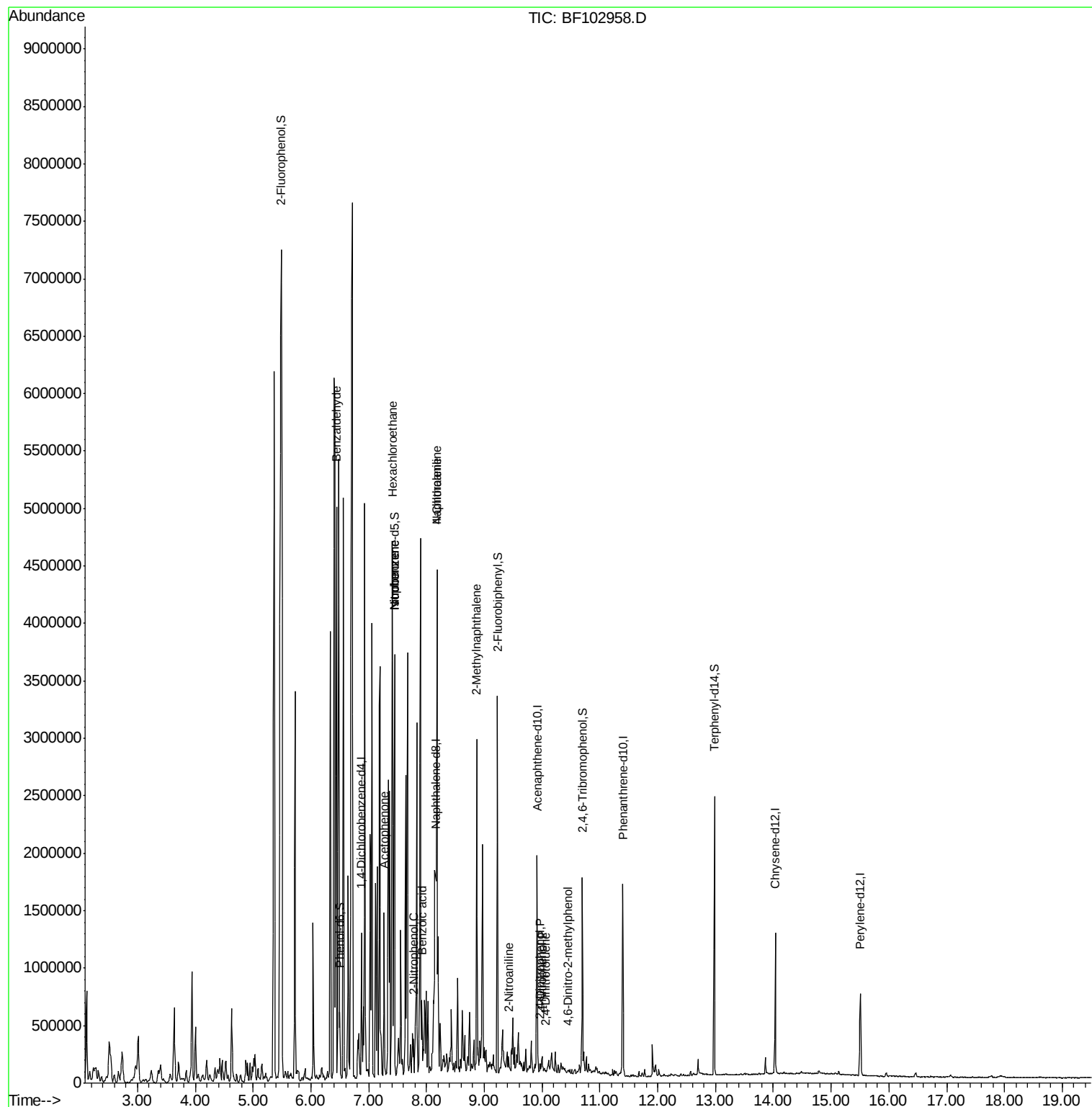
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162647	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	680464	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	332292	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	577327	20.00	ng	0.00
75) Chrysene-d12	14.03	240	378139	20.00	ng	0.00
86) Perylene-d12	15.50	264	299403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	128238	11.97	ng	0.00
7) Phenol-d6	6.50	99	202274	15.69	ng	0.00
23) Nitrobenzene-d5	7.44	82	467750	47.69	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166295	62.18	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	926724	46.28	ng	-0.01
78) Terphenyl-d14	12.98	244	826159	51.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	224436	23.44	ng	# 1
18) Hexachloroethane	7.40	117	366709	84.08	ng	# 1
22) Acetophenone	7.26	105	499843	30.02	ng	# 58
24) Nitrobenzene	7.45	77	48475	4.13	ng	# 1
25) Isophorone	7.44	82	467677	20.71	ng	# 64
26) 2-Nitrophenol	7.77	139	559	8.76	ng	# 1
31) Naphthalene	8.18	128	1877094	56.46	ng	# 98
32) Benzoic acid	7.92	122	1337	8.73	ng	# 1
33) 4-Chloroaniline	8.18	127	266099	18.58	ng	# 32
37) 2-Methylnaphthalene	8.87	142	695961	31.97	ng	# 99
47) 2-Nitroaniline	9.42	65	1017	3.61	ng	# 24
53) 2,4-Dinitrophenol	9.96	184	139	8.08	ng	# 1
55) 4-Nitrophenol	10.00	139	995	4.21	ng	# 1
56) 2,4-Dinitrotoluene	10.07	165	1820	3.33	ng	# 53
64) 4,6-Dinitro-2-methylphenol	10.45	198	179	8.86	ng	# 1

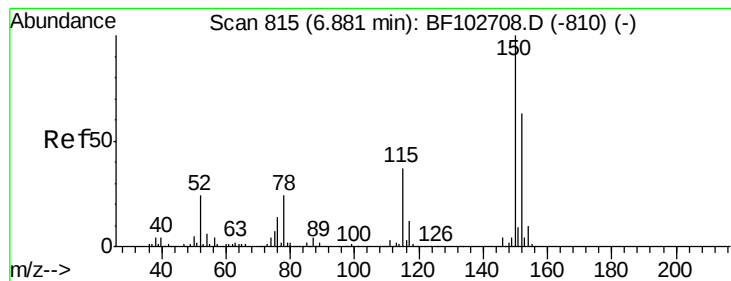
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102958.D
Acq On : 13 Feb 2018 13:42
Operator : SJ/JU
Sample : J1518-02DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 00:05:11 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 00:38:27 2018
Response via : Initial Calibration



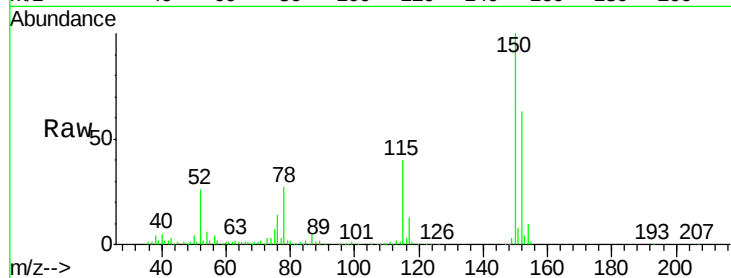


#1

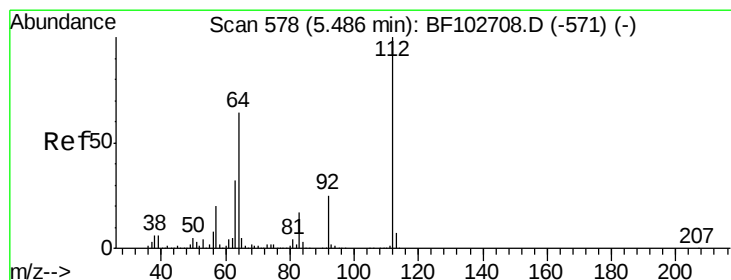
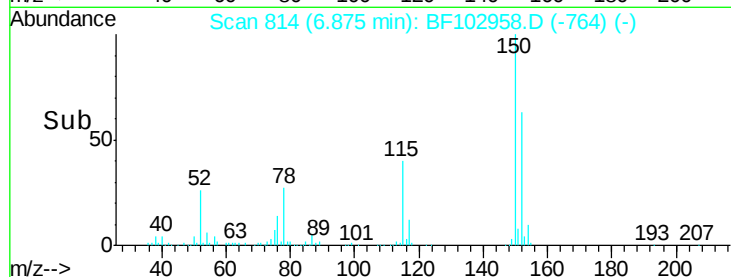
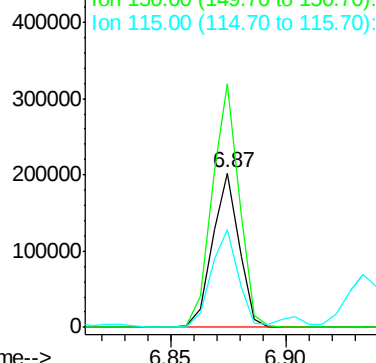
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.6	50.1	75.1



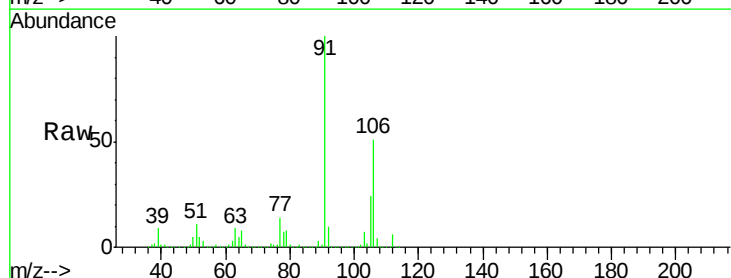
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



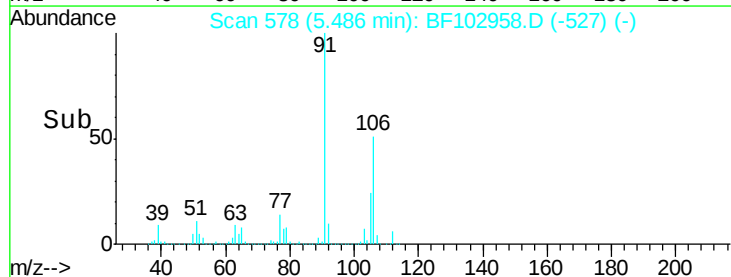
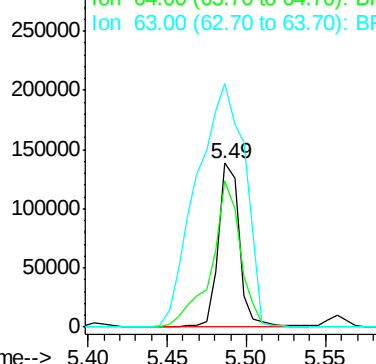
#5

2-Fluorophenol
Concen: 11.97 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	89.0	47.9	71.9#
63	148.4	23.7	35.5#



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





#7

Phenol-d6

Concen: 15.69 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampled :

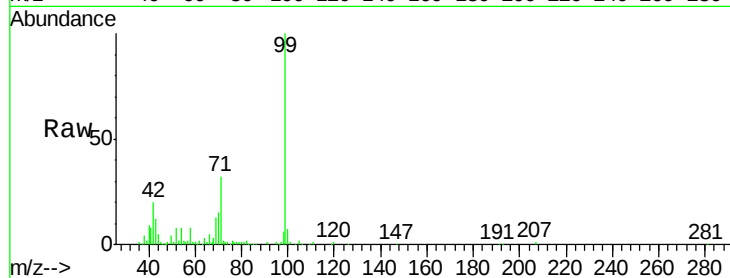
Tot Ion: 99 Resp: 202274

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

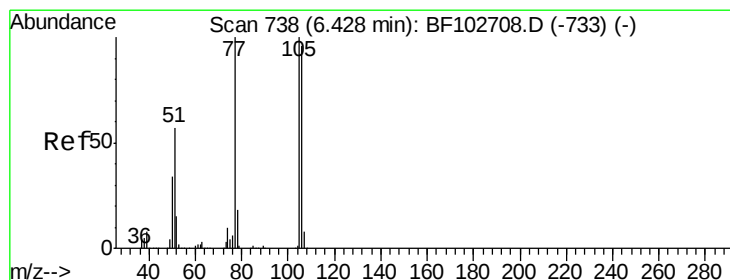
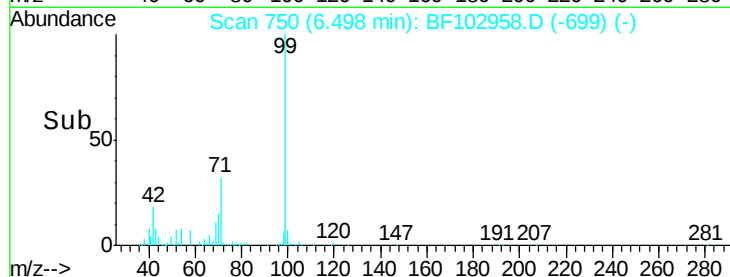
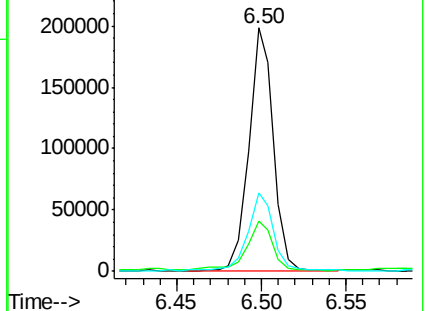
71 32.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 23.44 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

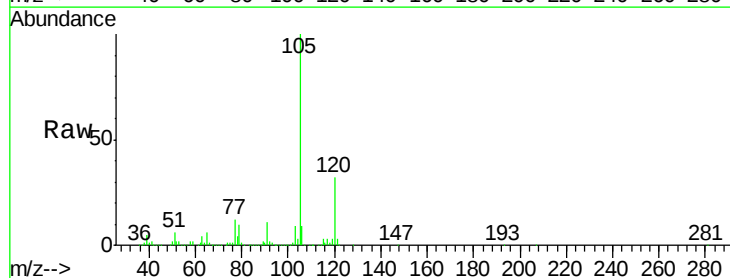
Tgt Ion: 77 Resp: 224436

Ion Ratio Lower Upper

77 100

105 847.1 81.1 121.1#

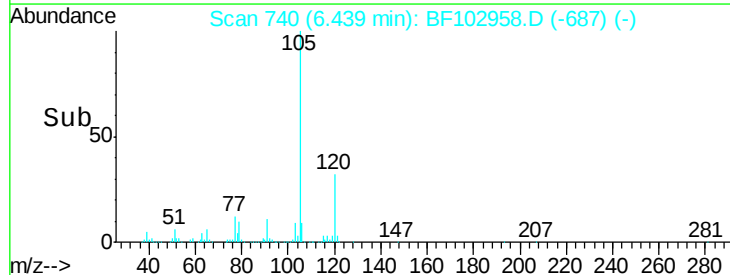
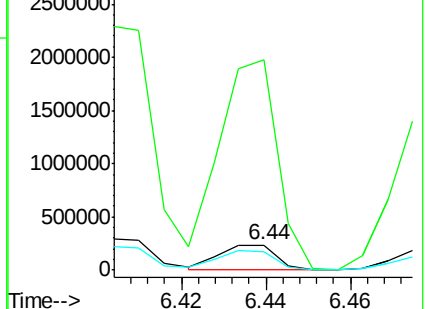
106 75.6 74.5 114.5

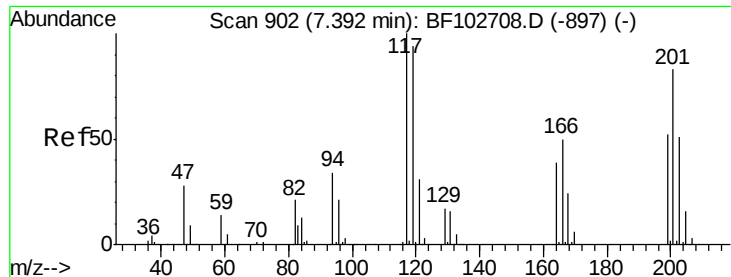


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

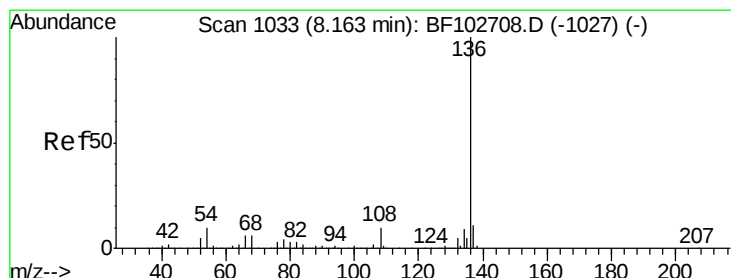
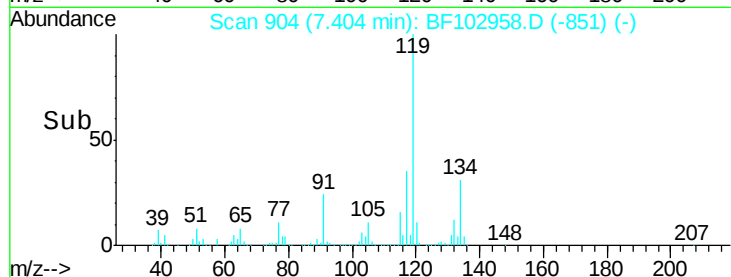
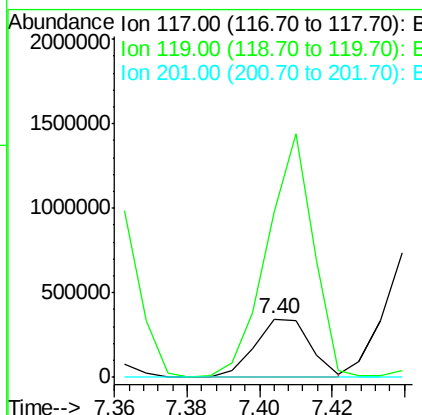
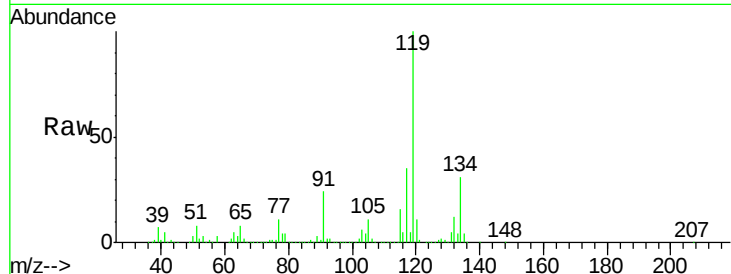




#18
Hexachloroethane
Concen: 84.08 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

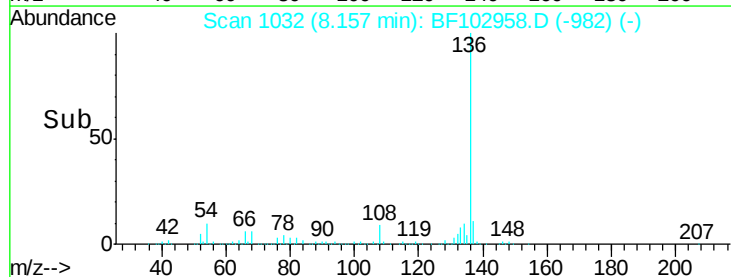
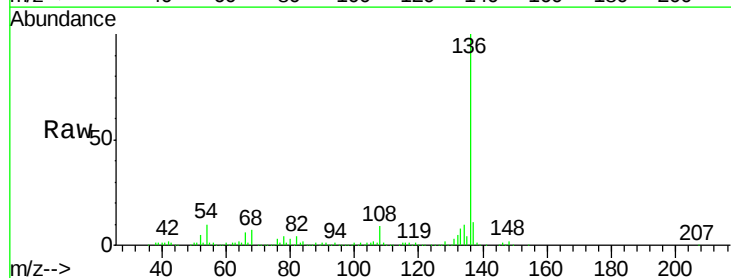
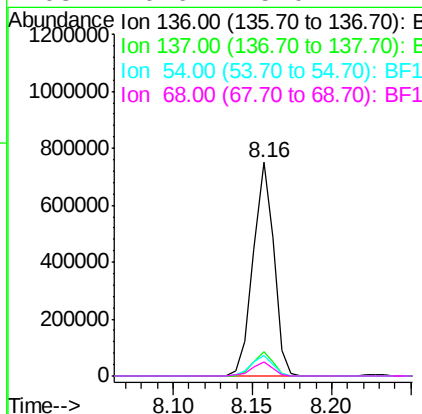
Instrument :
BNA_F
ClientSampleId :

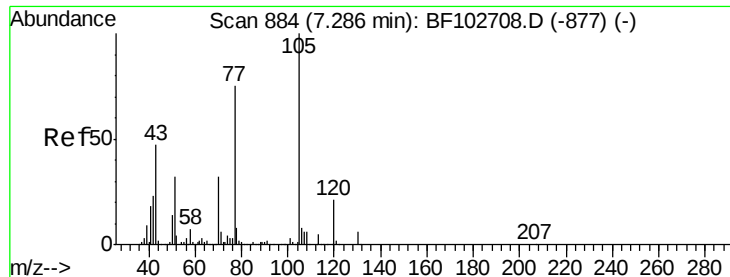
Tot Ion:117 Resp: 366709
Ion Ratio Lower Upper
117 100
119 283.6 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion:136 Resp: 680464
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.9 6.6 9.8#
68 6.6 5.0 7.4

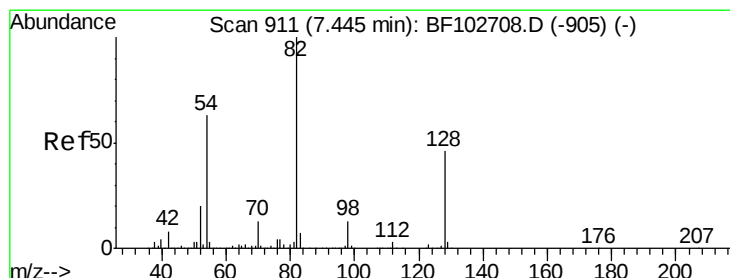
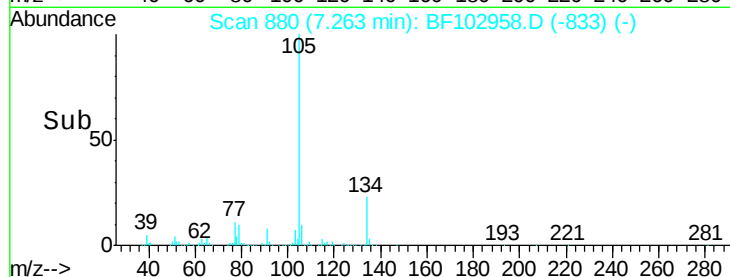
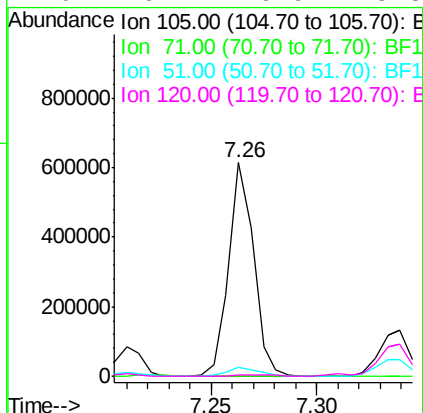
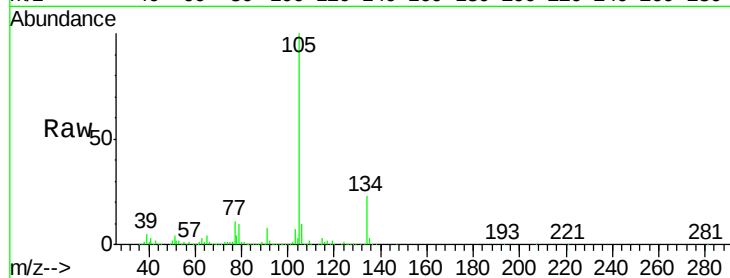




#22
Acetophenone
Concen: 30.02 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

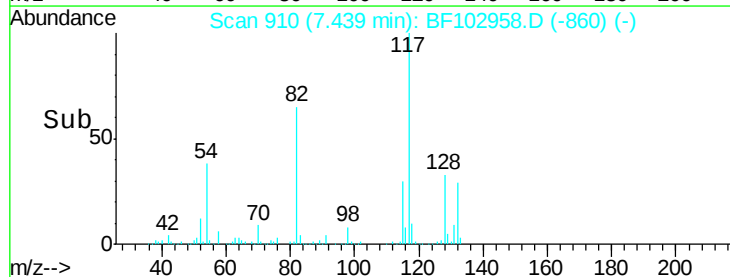
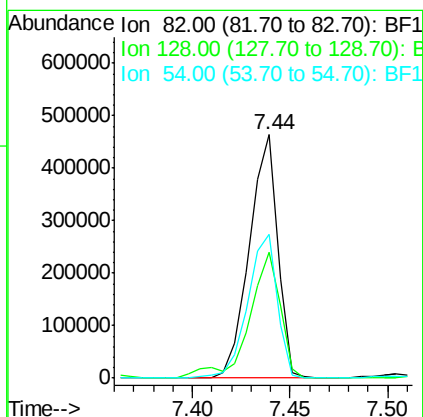
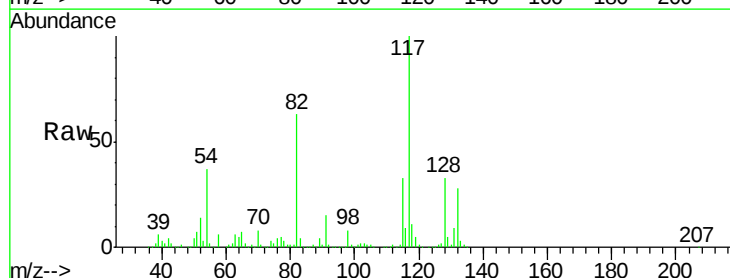
Instrument :
BNA_F
ClientSampleId :

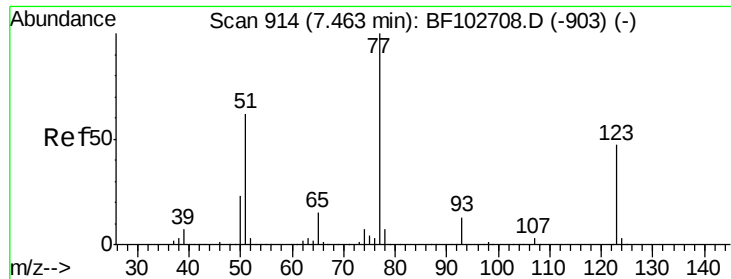
Tot Ion:105 Resp: 499843
Ion Ratio Lower Upper
105 100
71 0.1 4.4 6.6#
51 4.5 22.3 33.5#
120 0.4 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 47.69 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion: 82 Resp: 467750
Ion Ratio Lower Upper
82 100
128 51.7 36.1 54.1
54 58.9 41.4 62.2

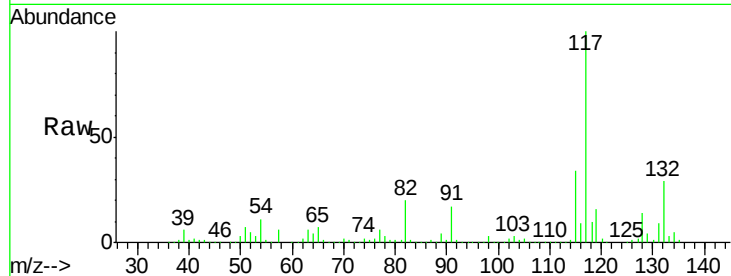




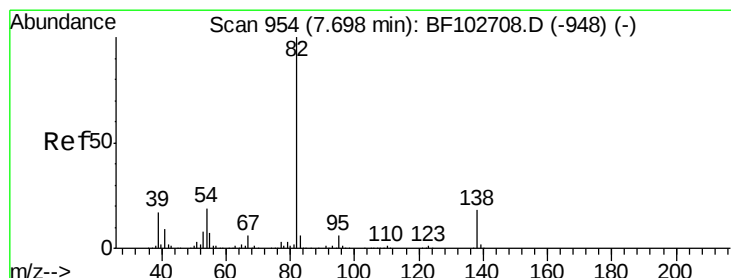
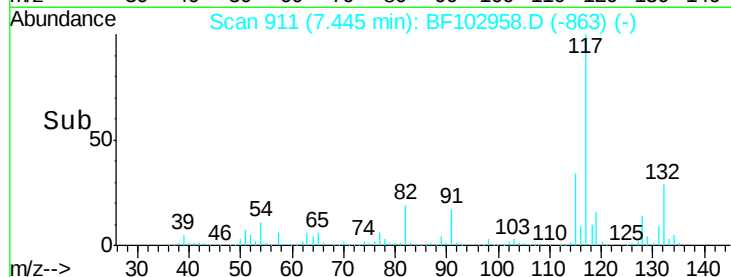
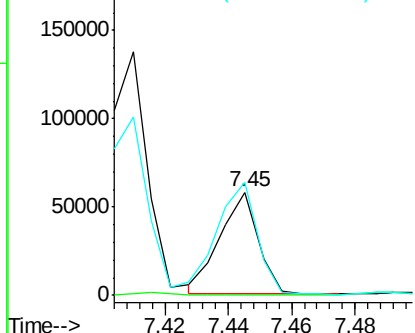
#24
 Nitrobenzene
 Concen: 4.13 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF102958.D
 Acq: 13 Feb 2018 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 77 Resp: 48475
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 109.4 11.0 16.4#

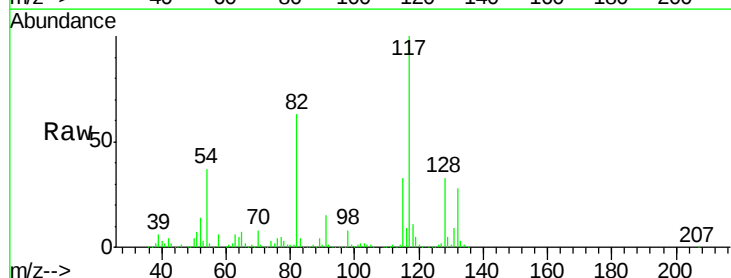


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

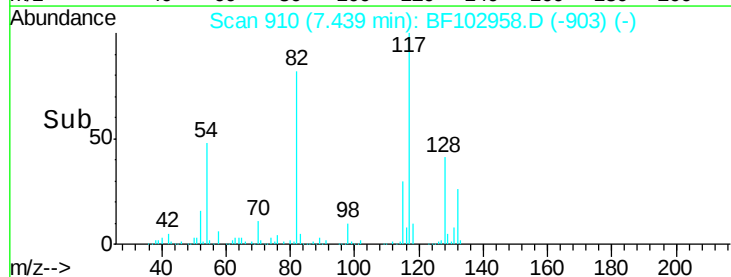
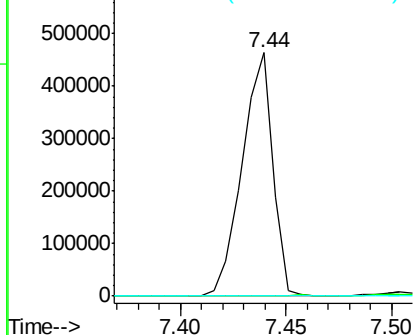


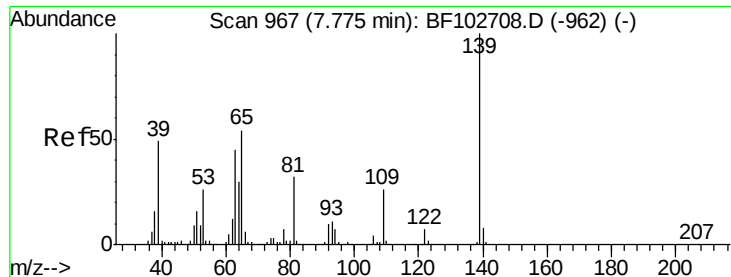
#25
 Isophorone
 Concen: 20.71 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF102958.D
 Acq: 13 Feb 2018 13:42

Tgt Ion: 82 Resp: 467677
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

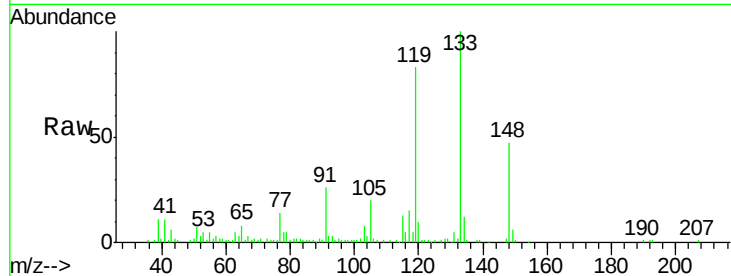




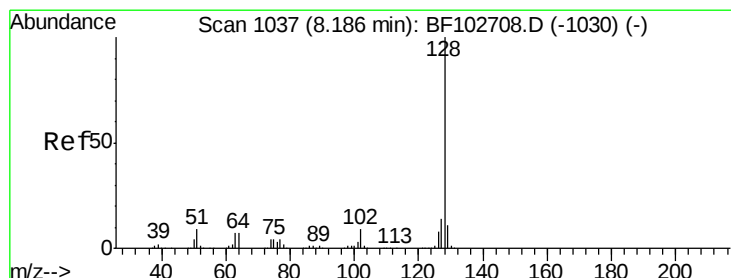
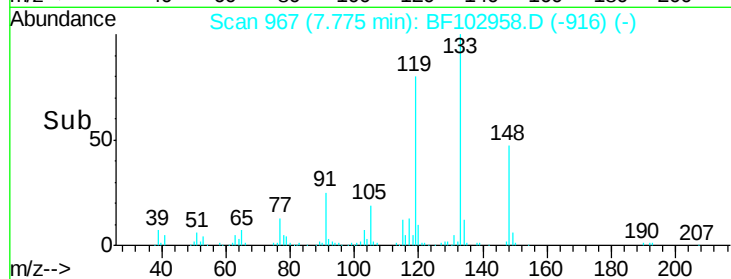
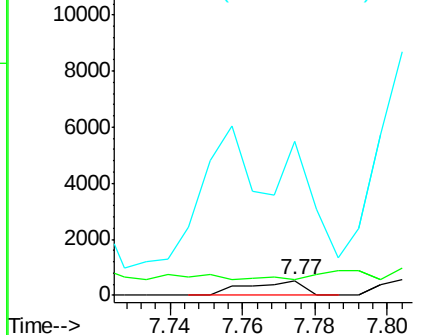
#26
2-Nitrophenol
Concen: 8.76 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 559
Ion Ratio Lower Upper
139 100
109 104.1 22.7 34.1#
65 1030.0 40.5 60.7#

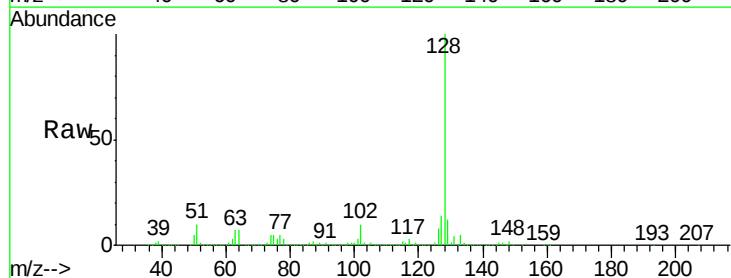


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

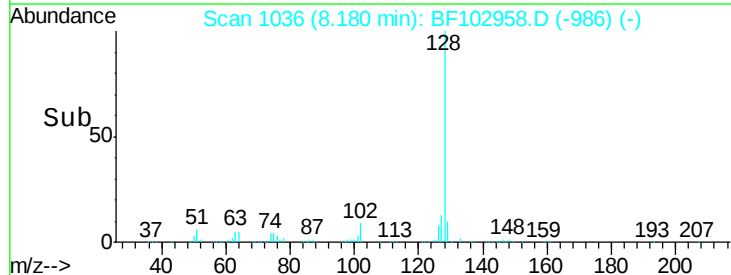
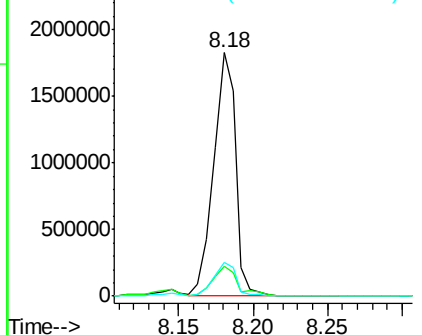


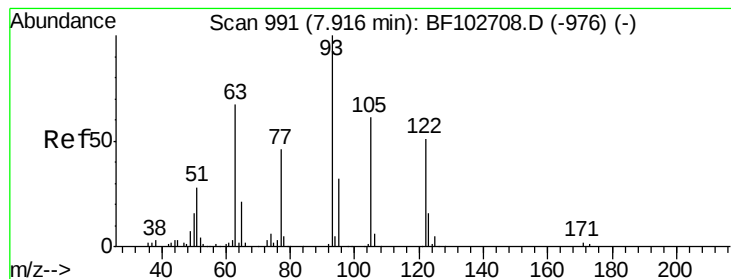
#31
Naphthalene
Concen: 56.46 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion:128 Resp: 1877094
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.1 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: 8.73 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampleId :

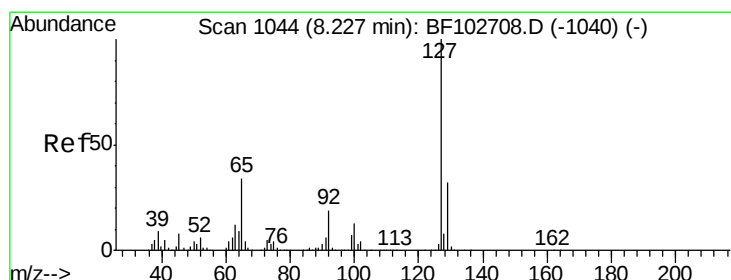
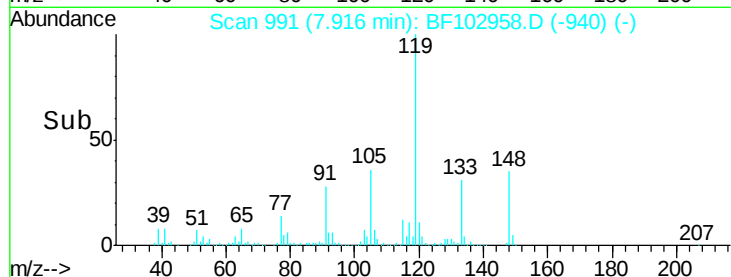
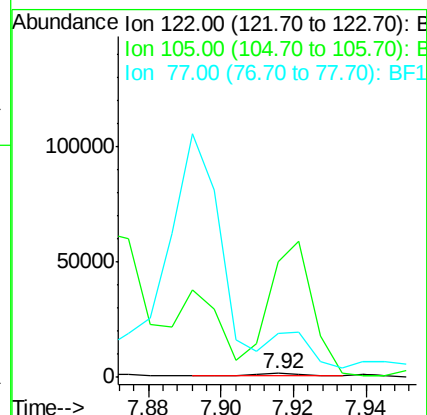
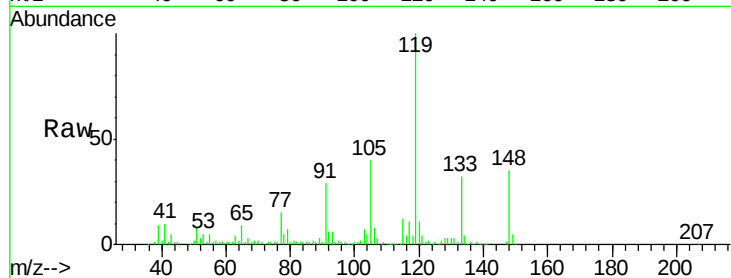
Tot Ion:122 Resp: 1337

Ion Ratio Lower Upper

122 100

105 2872.0 101.1 141.1#

77 1093.1 70.7 110.7#



#33

4-Chloroaniline

Concen: 18.58 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Tgt Ion:127 Resp: 266099

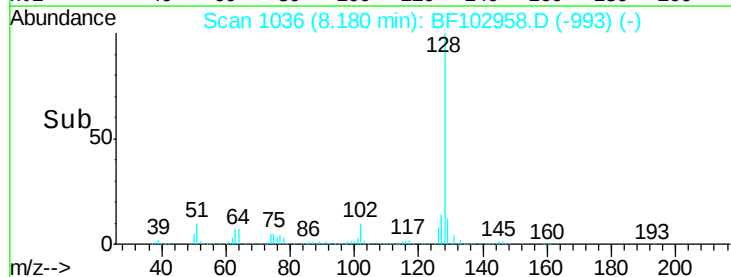
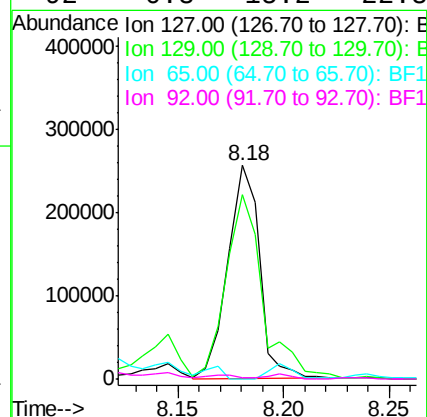
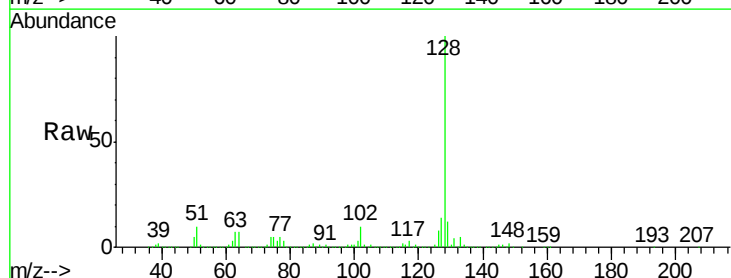
Ion Ratio Lower Upper

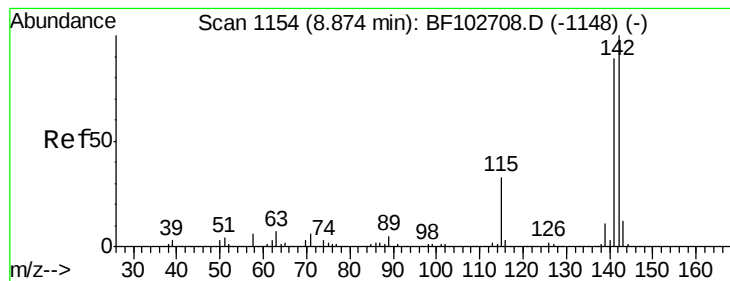
127 100

129 86.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.8 15.2 22.8#

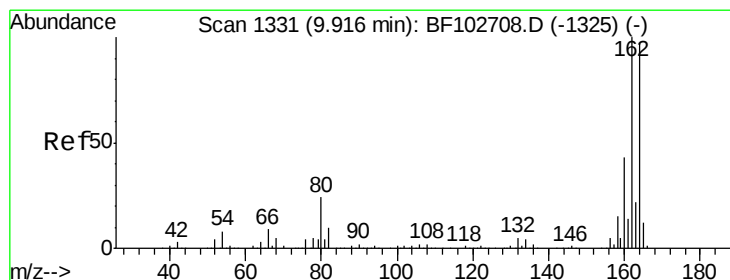
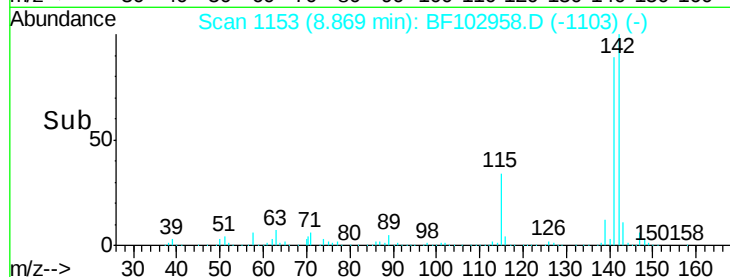
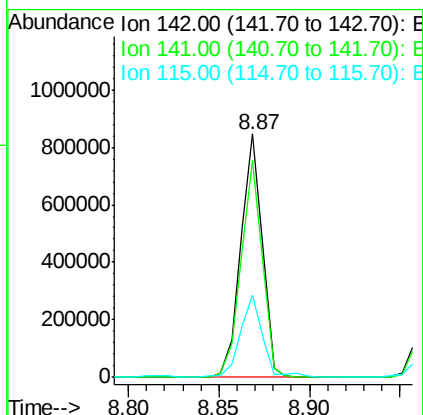
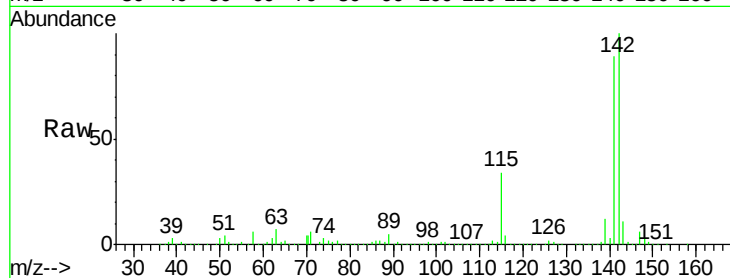




#37
 2-Methylnaphthalene
 Concen: 31.97 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102958.D
 Acq: 13 Feb 2018 13:42

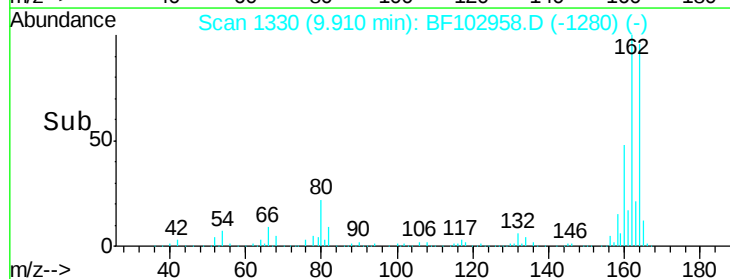
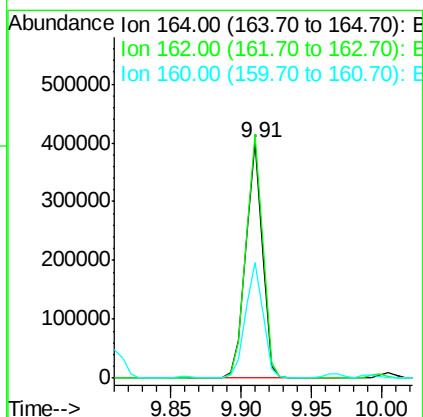
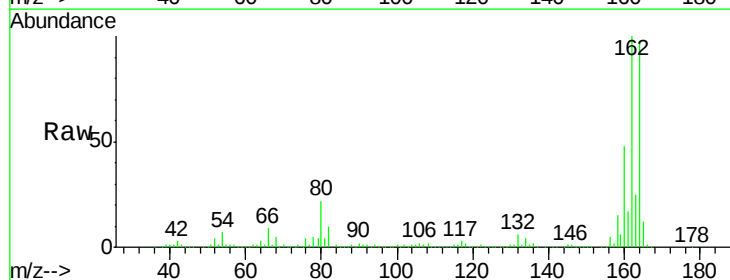
Instrument :
 BNA_F
 ClientSampled :

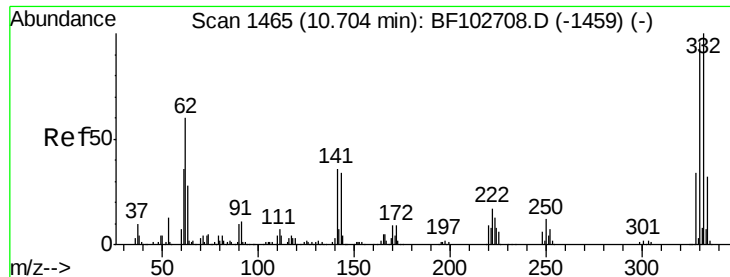
Tot Ion:142 Resp: 695961
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 33.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102958.D
 Acq: 13 Feb 2018 13:42

Tgt Ion:164 Resp: 332292
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 49.3 38.3 57.5

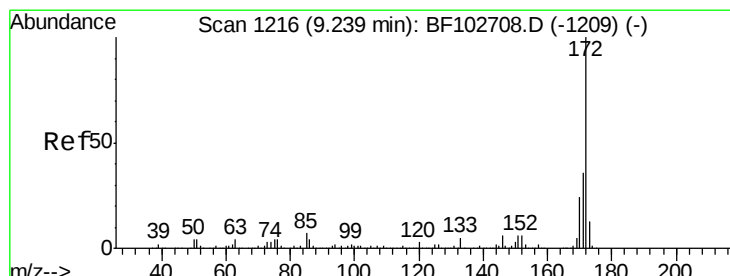
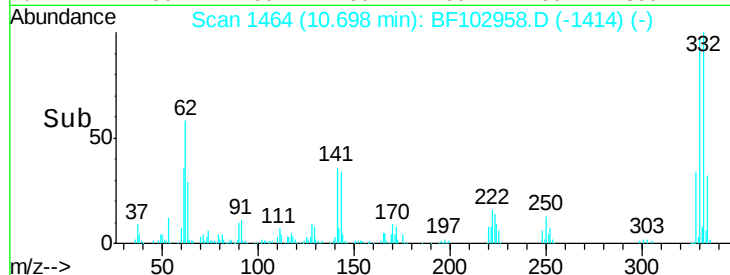
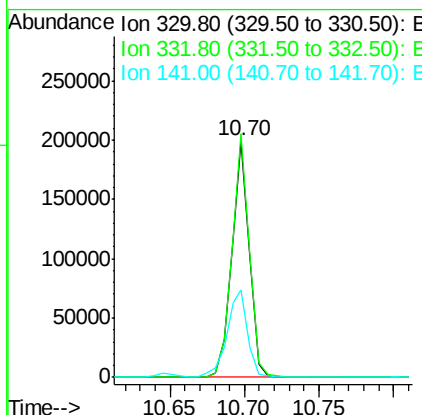
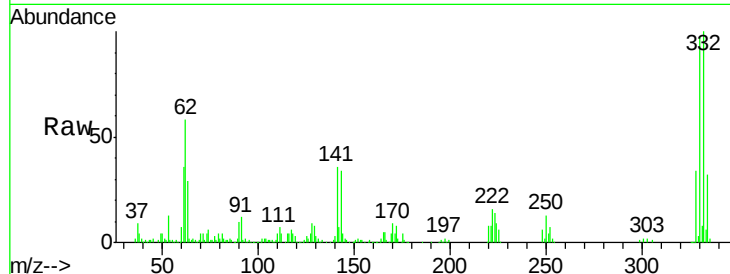




#41
 2,4,6-Tribromophenol
 Concen: 62.18 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF102958.D
 Acq: 13 Feb 2018 13:42

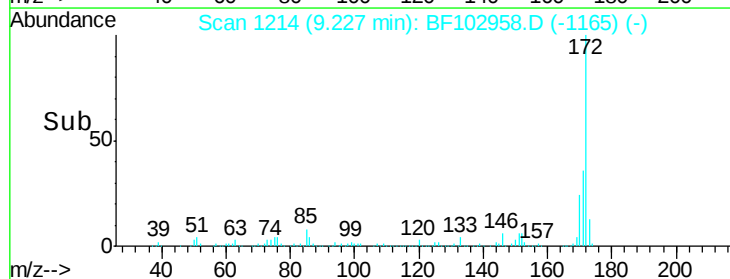
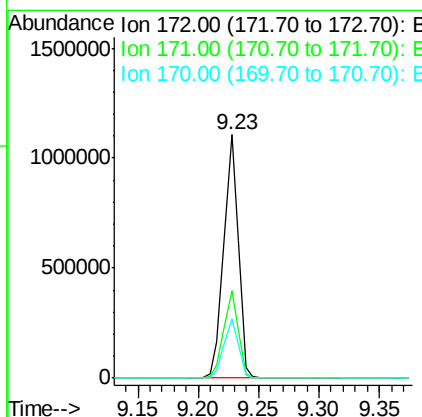
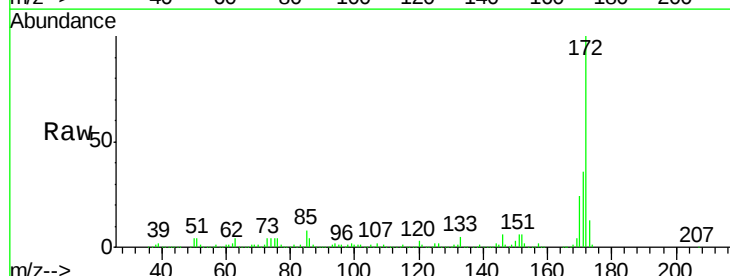
Instrument :
 BNA_F
 ClientSampleId :

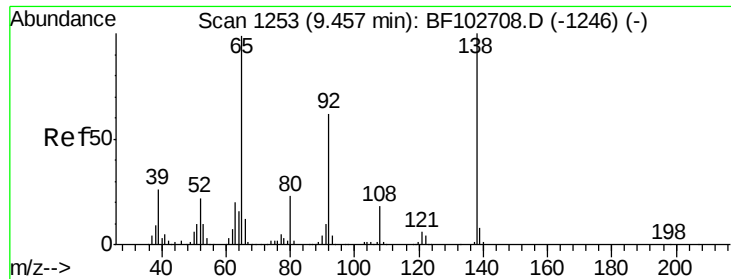
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	44.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 46.28 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF102958.D
 Acq: 13 Feb 2018 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.5	19.6	29.4

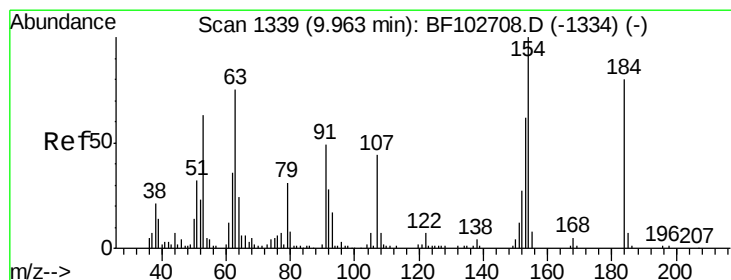
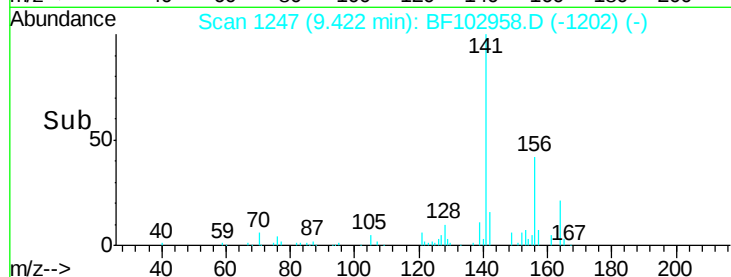
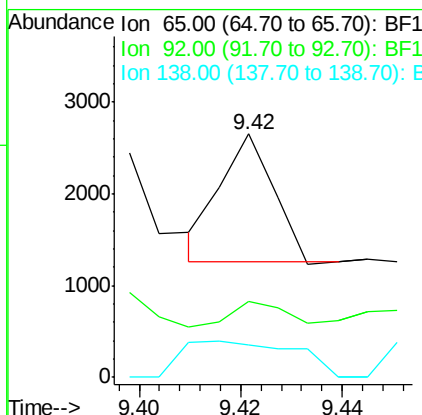
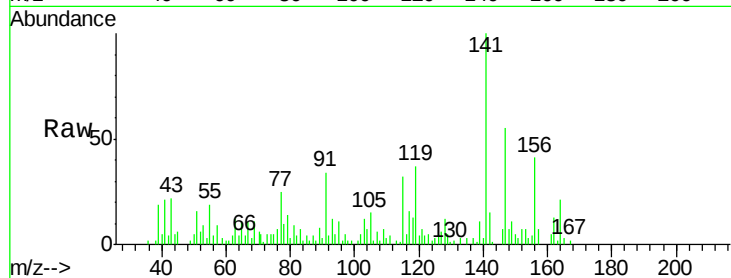




#47
2-Nitroaniline
Concen: 3.61 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

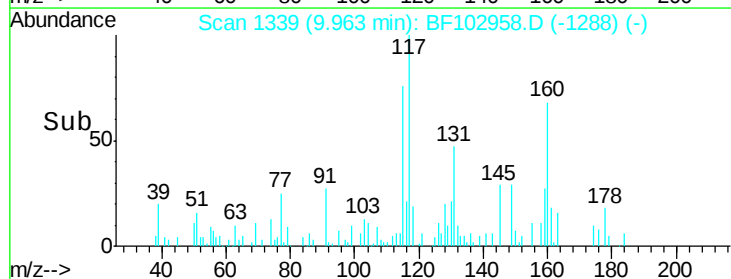
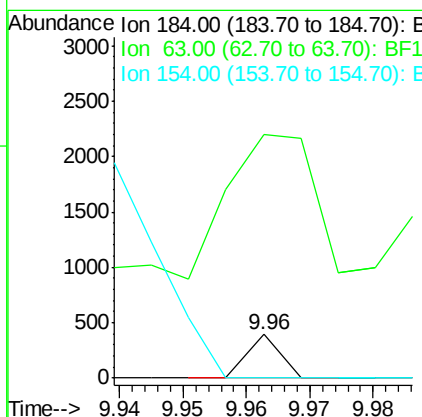
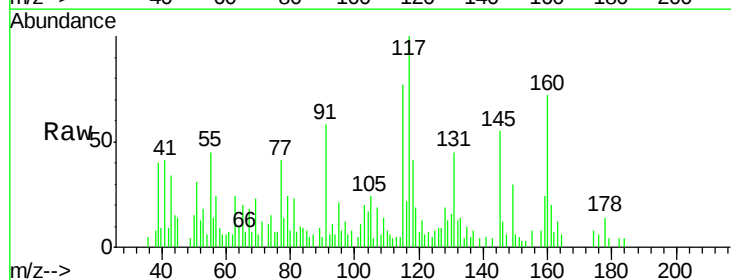
Instrument :
BNA_F
ClientSampleId :

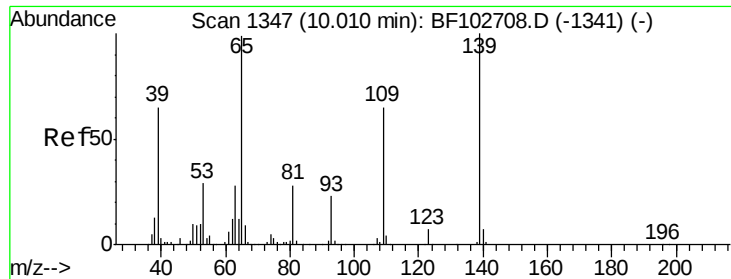
Tot Ion: 65 Resp: 1017
Ion Ratio Lower Upper
65 100
92 31.0 55.8 83.6#
138 13.1 91.2 136.8#



#53
2,4-Dinitrophenol
Concen: 8.08 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion: 184 Resp: 139
Ion Ratio Lower Upper
184 100
63 557.9 54.2 81.2#
154 0.0 184.0 276.0#

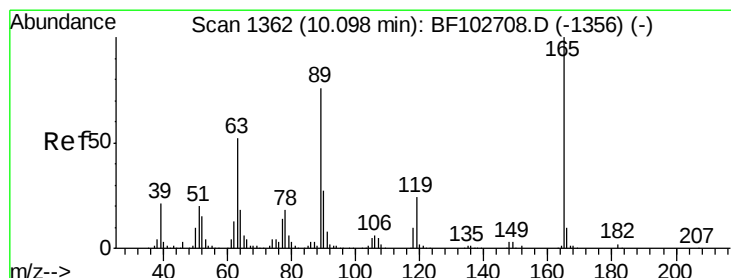
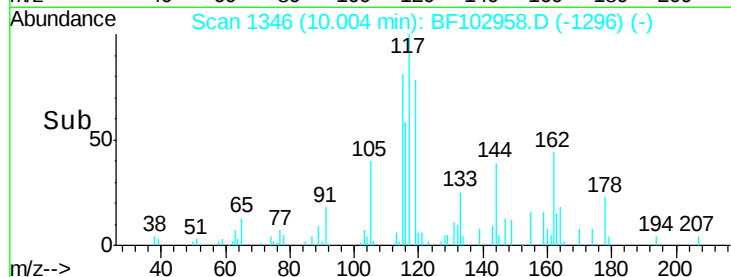
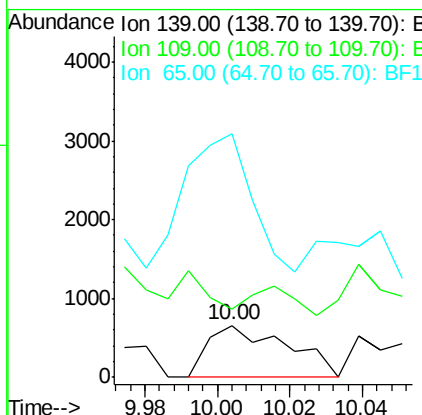
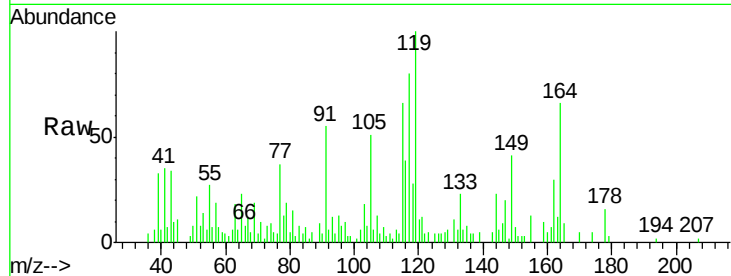




#55
4-Nitrophenol
Concen: 4.21 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

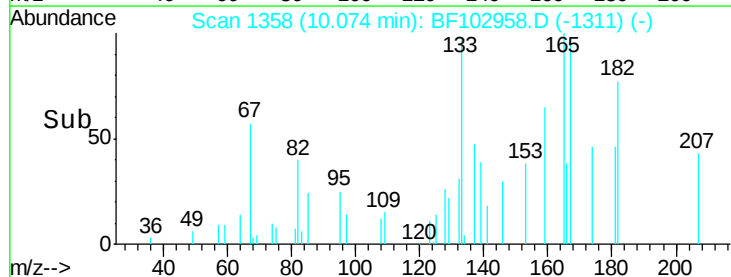
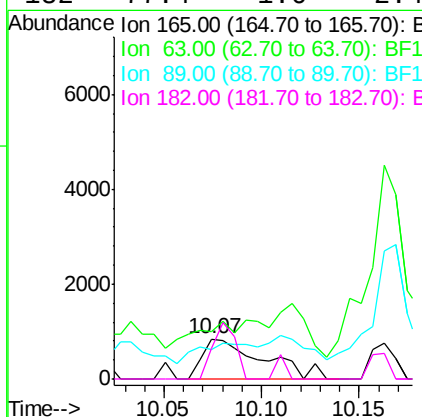
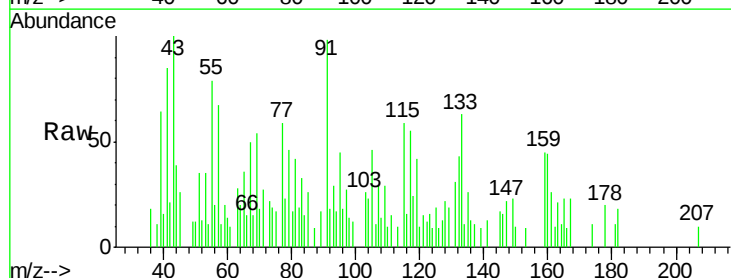
Instrument :
BNA_F
ClientSampleId :

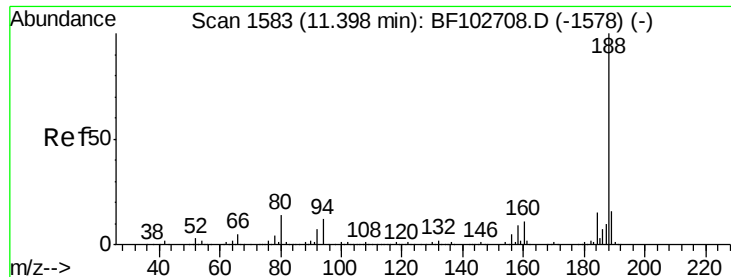
Tot Ion:139 Resp: 995
Ion Ratio Lower Upper
139 100
109 131.7 48.4 88.4#
65 466.6 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.33 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion:165 Resp: 1820
Ion Ratio Lower Upper
165 100
63 117.9 36.4 54.6#
89 74.1 57.8 86.6
182 77.4 1.6 2.4#

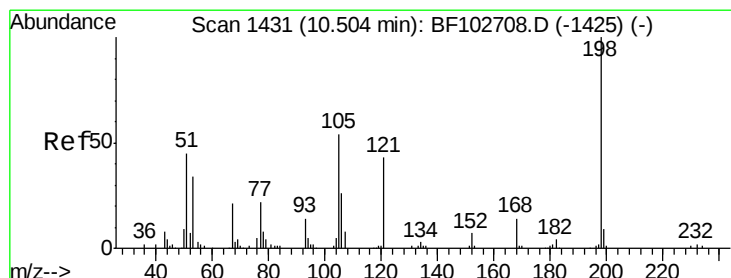
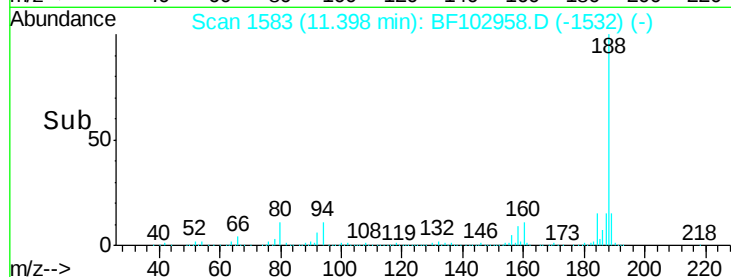
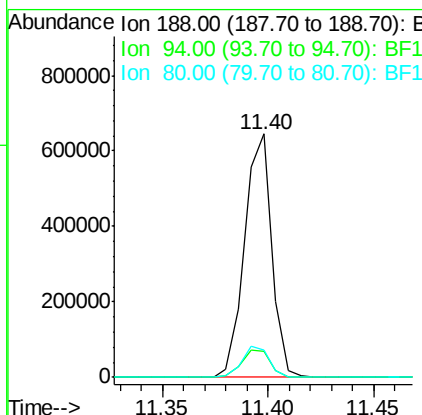
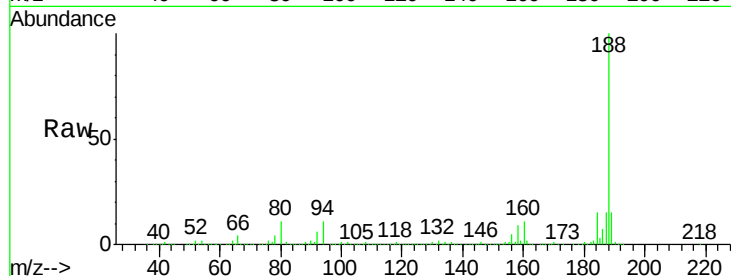




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

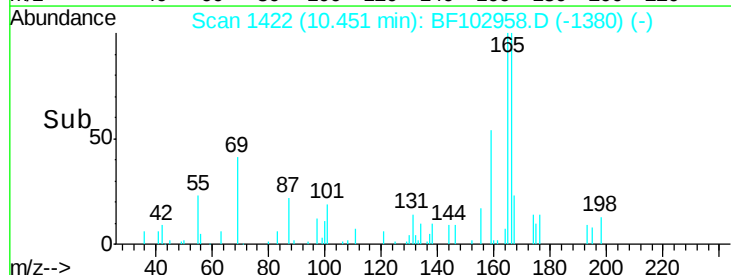
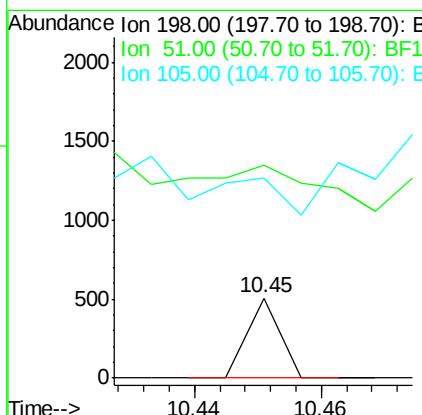
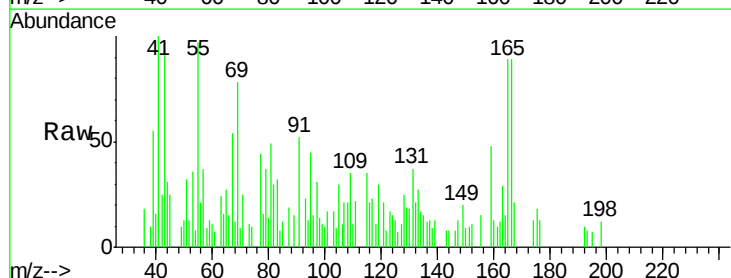
Instrument :
BNA_F
ClientSampleId :

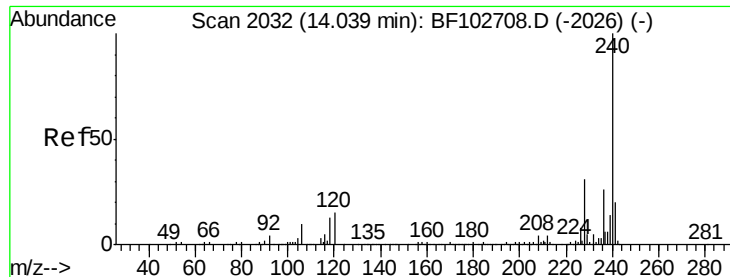
Tot Ion:188 Resp: 577327
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.86 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion:198 Resp: 179
Ion Ratio Lower Upper
198 100
51 265.9 37.7 77.7#
105 250.1 36.3 76.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampleId :

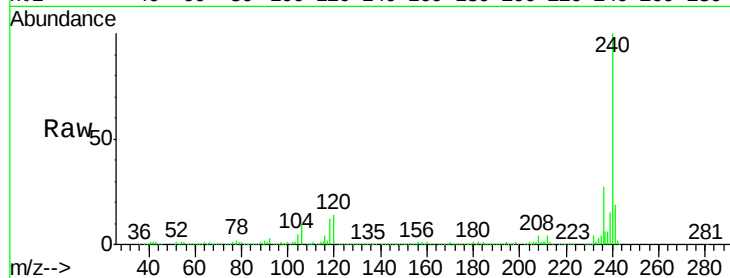
Tot Ion:240 Resp: 378139

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

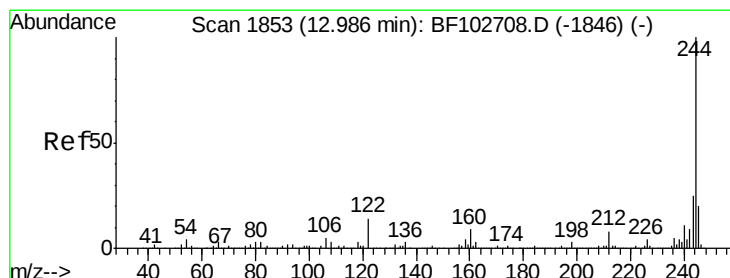
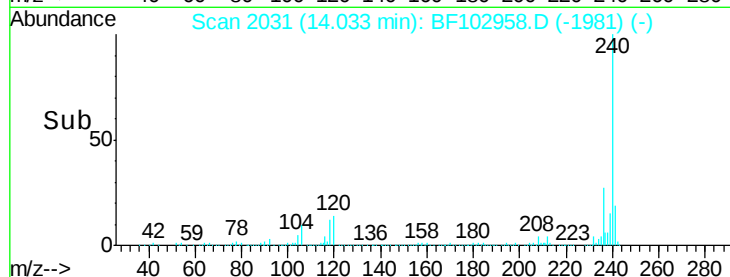
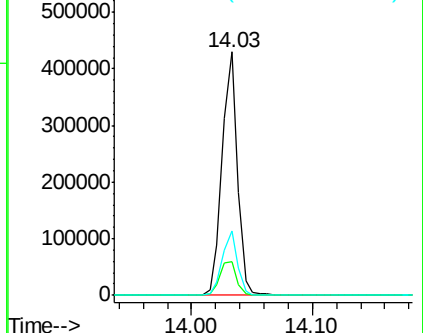
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 51.73 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

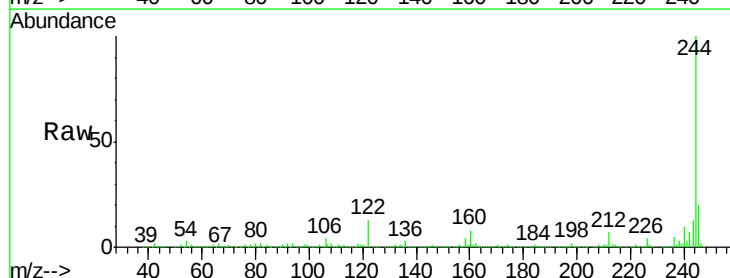
Tgt Ion:244 Resp: 826159

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

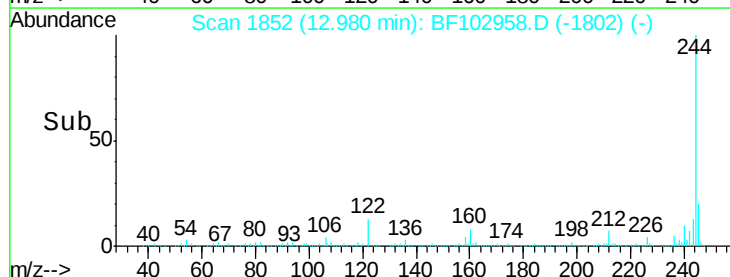
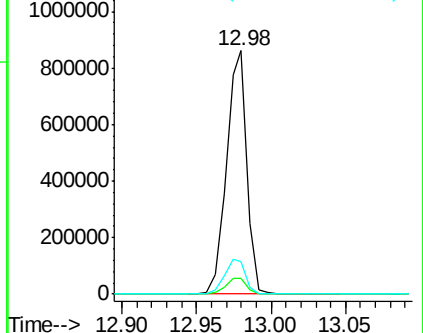
122 13.4 11.0 16.4

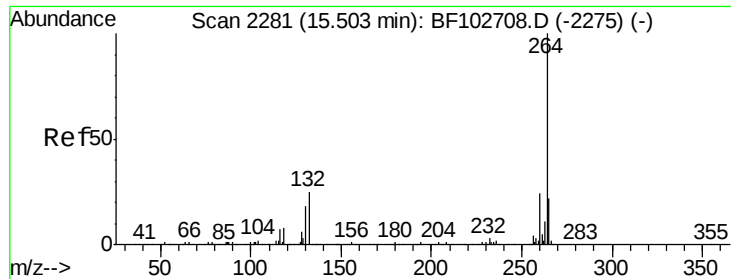


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.5	17.5	26.3

