

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102909.D
 Acq On : 12 Feb 2018 10:08
 Operator : SJ/JU
 Sample : J1501-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 12 11:43:51 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

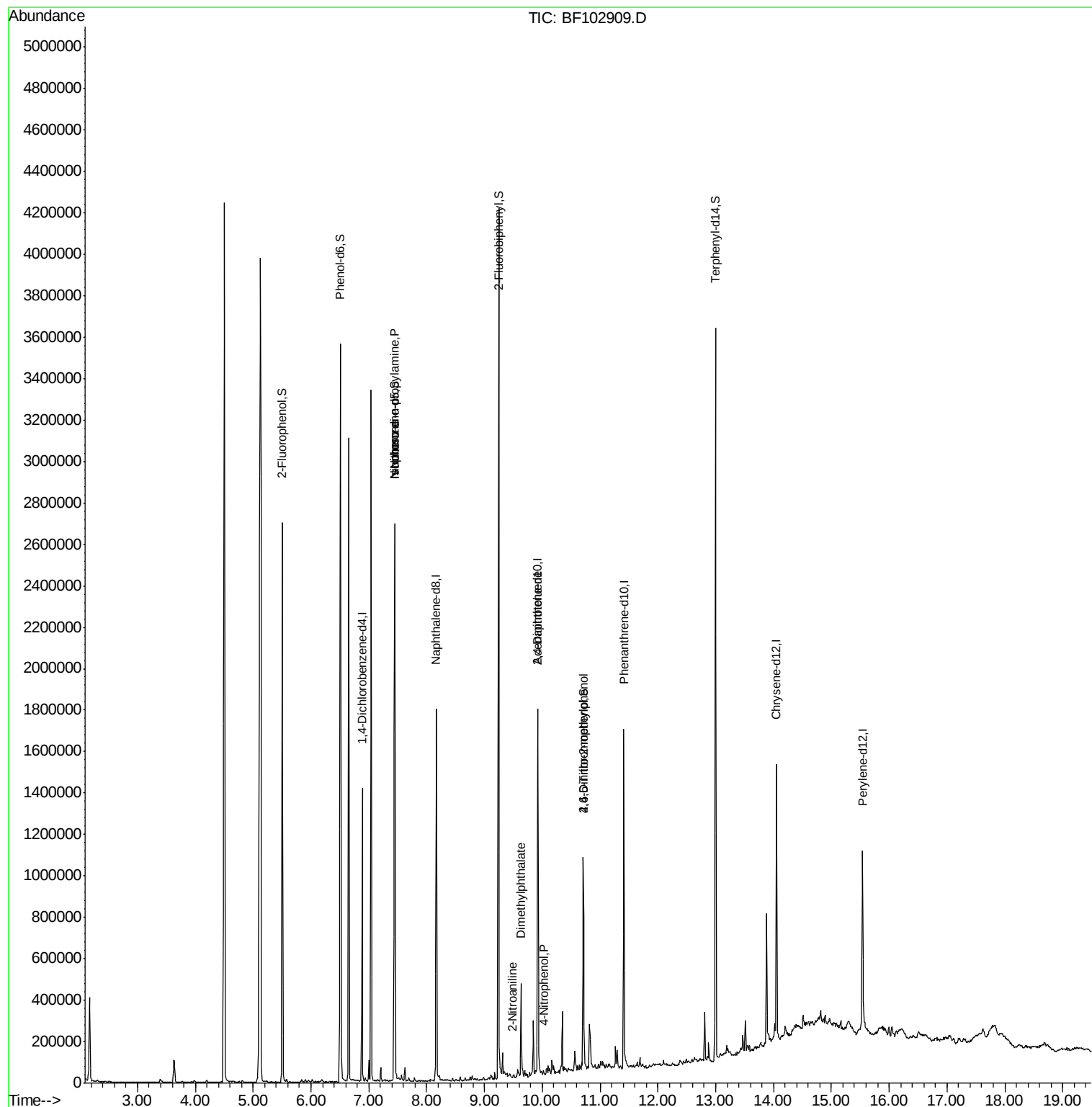
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	190810	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	810157	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	366793	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	611617	20.00	ng	0.00
75) Chrysene-d12	14.05	240	430273	20.00	ng	0.00
86) Perylene-d12	15.54	264	401382	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	661412	52.64	ng	0.01
7) Phenol-d6	6.51	99	1329694	87.89	ng	0.00
23) Nitrobenzene-d5	7.45	82	893829	76.54	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	101119	34.25	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1431585	64.76	ng	0.00
78) Terphenyl-d14	13.00	244	1198929	65.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	120254	12.056	ng	# 84
25) Isophorone	7.45	82	893815	33.237	ng	# 64
47) 2-Nitroaniline	9.49	65	270	3.506	ng	# 2
49) Dimethylphthalate	9.63	163	152084	5.318	ng	100
55) 4-Nitrophenol	10.02	139	380	4.090	ng	# 40
56) 2,4-Dinitrotoluene	9.92	165	46889	9.089	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	145	8.845	ng	# 1

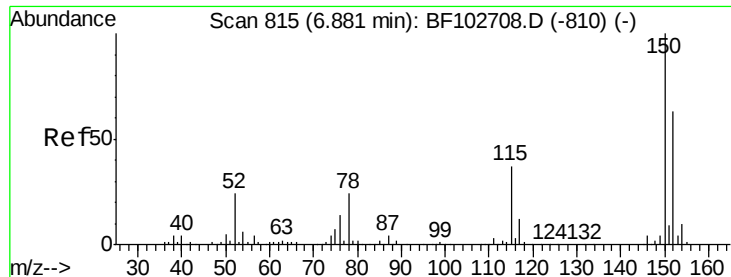
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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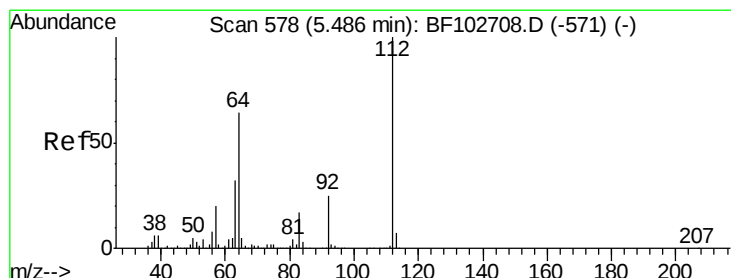
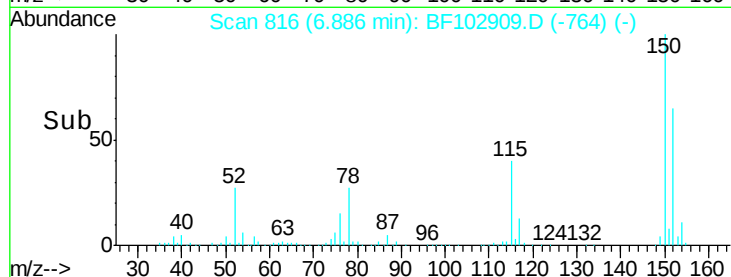
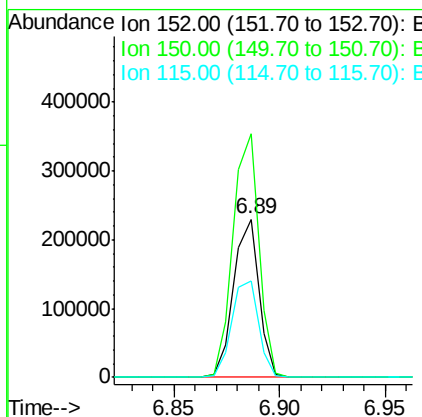
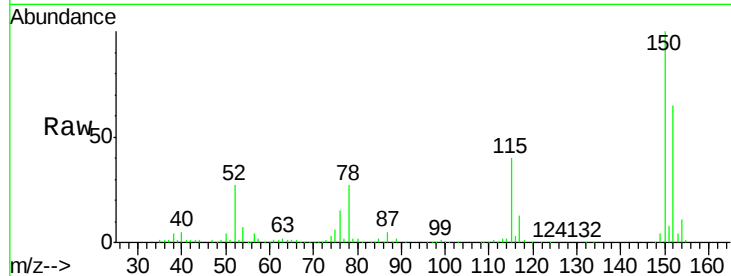


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

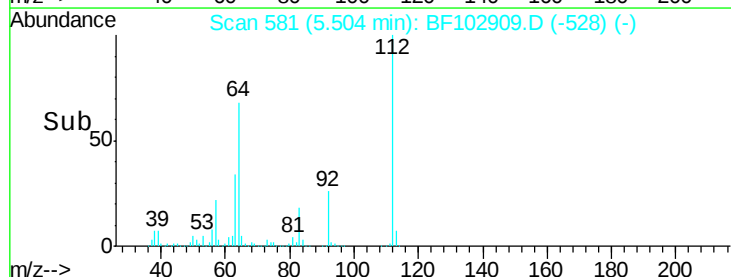
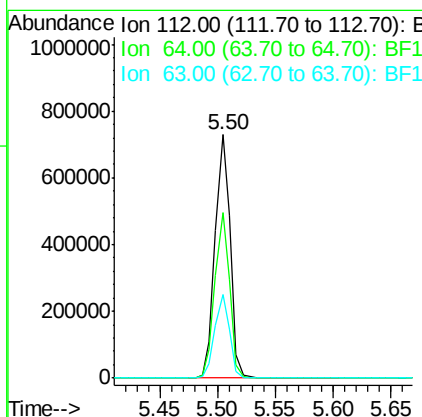
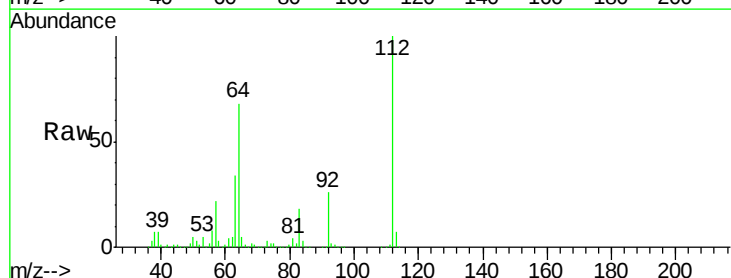
Tot Ion:152 Resp: 190810
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 60.8 50.1 75.1

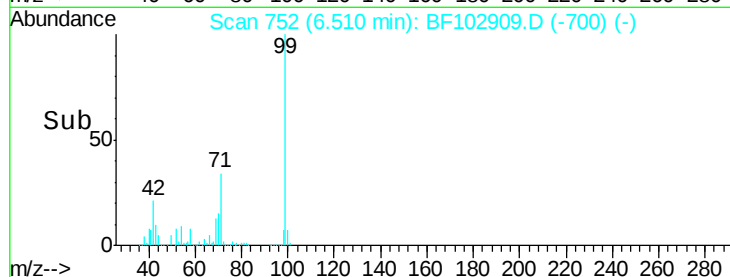
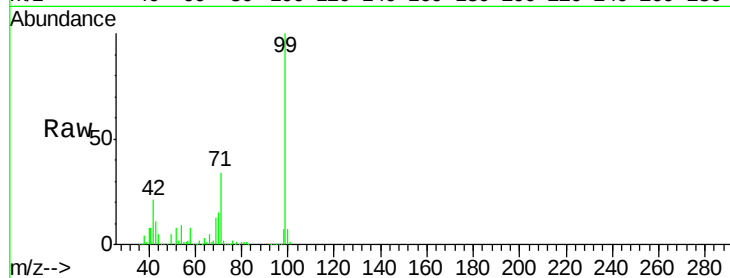
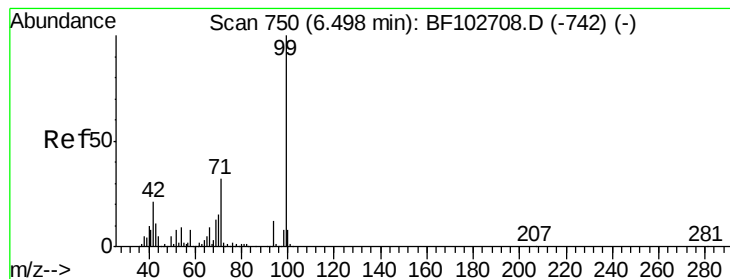


#5

2-Fluorophenol
Concen: 52.642 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Tgt Ion:112 Resp: 661412
Ion Ratio Lower Upper
112 100
64 67.8 47.9 71.9
63 34.2 23.7 35.5





#7

Phenol-d6

Concen: 87.895 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102909.D

Acq: 12 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

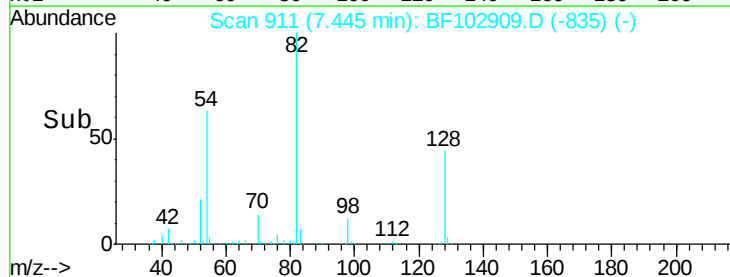
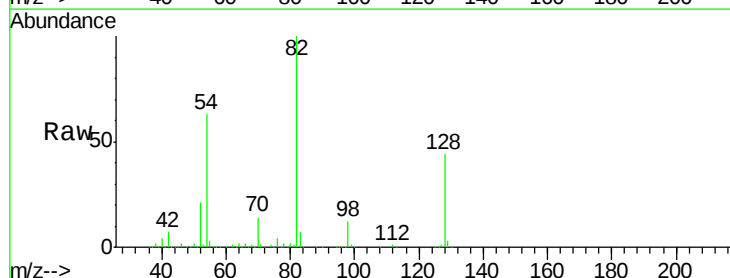
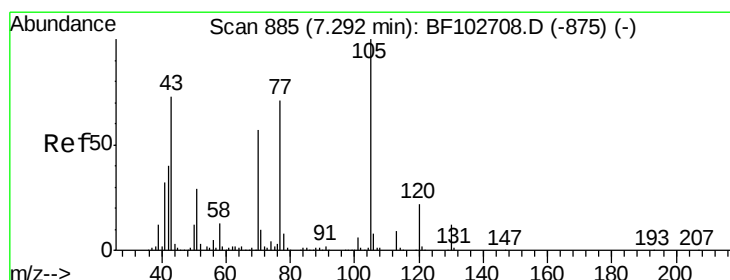
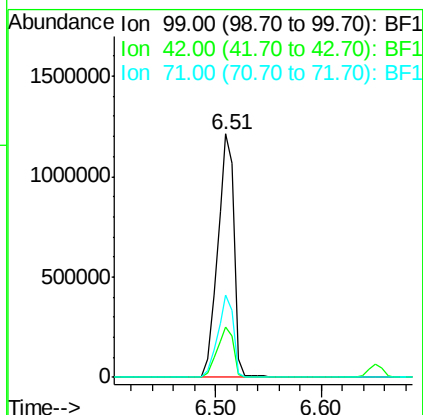
Tot Ion: 99 Resp: 1329694

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.056 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102909.D

Acq: 12 Feb 2018 10:08

Tgt Ion: 70 Resp: 120254

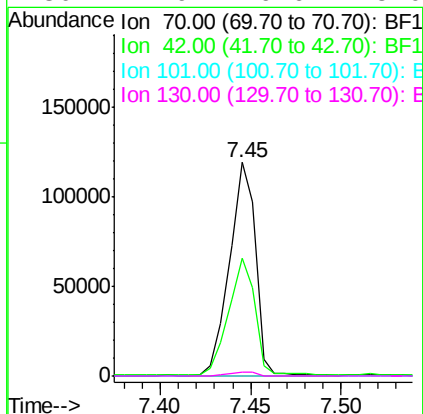
Ion Ratio Lower Upper

70 100

42 54.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

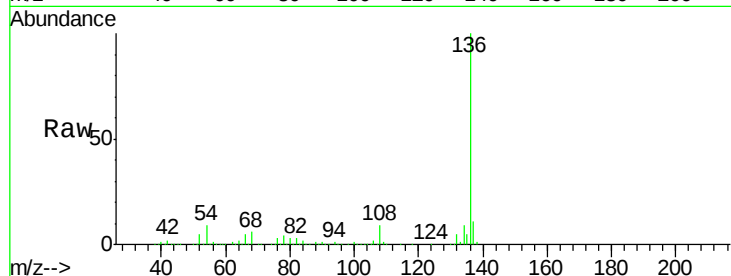




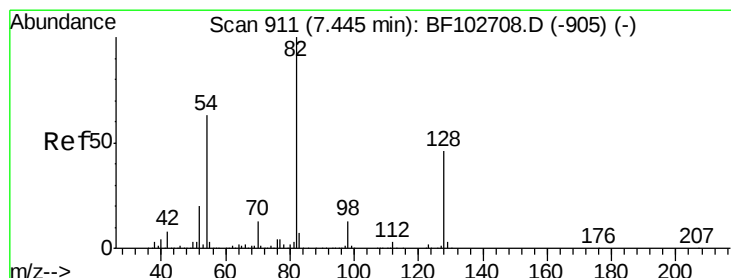
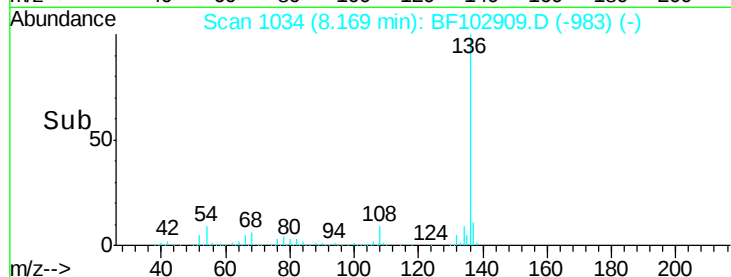
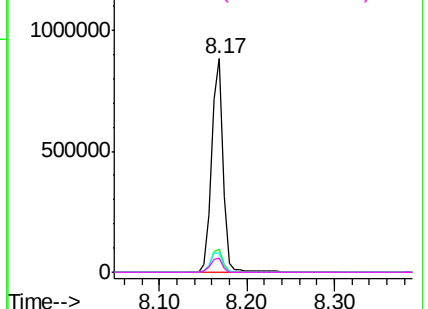
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	810157
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.2	6.6 9.8
68	6.4	5.0 7.4

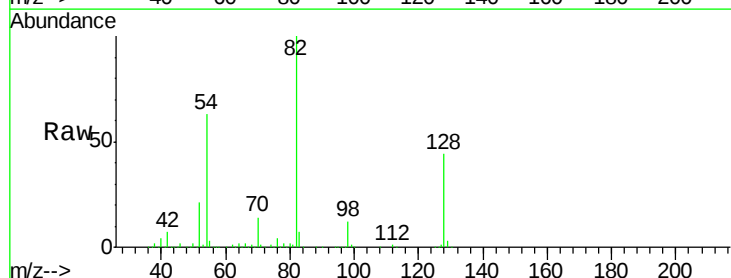


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

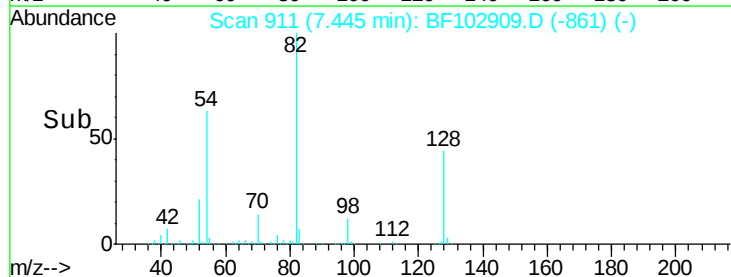
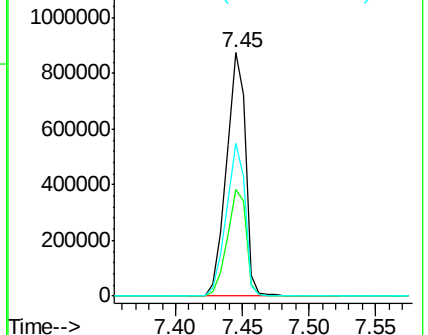


#23
Nitrobenzene-d5
Concen: 76.535 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Tgt Ion: 82	Resp:	893829
Ion Ratio	Lower	Upper
82	100	
128	43.7	36.1 54.1
54	62.8	41.4 62.2#



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





#25

Isophorone

Concen: 33.237 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102909.D

Acq: 12 Feb 2018 10:08

Instrument :

BNA_F

ClientSampled :

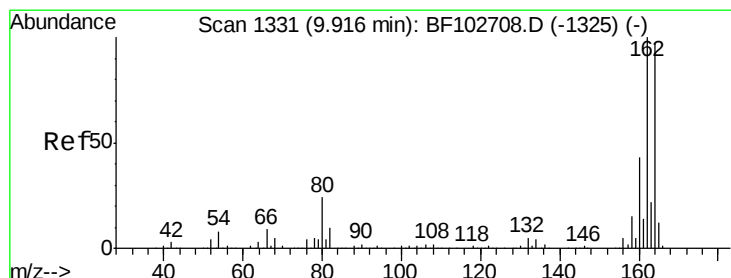
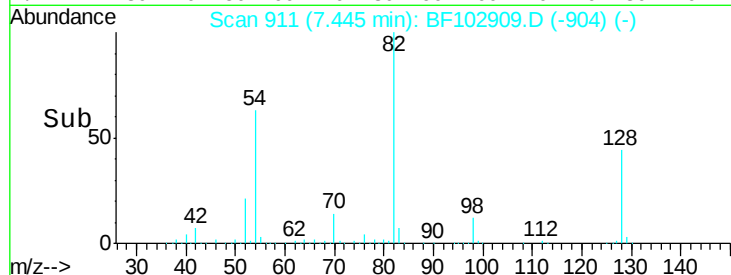
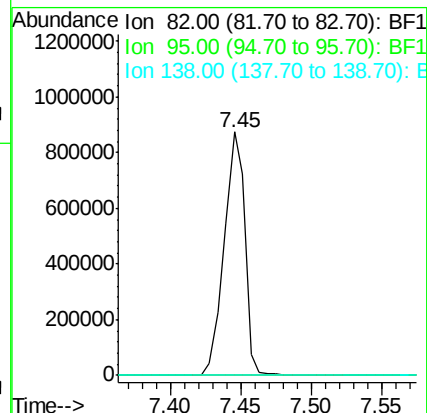
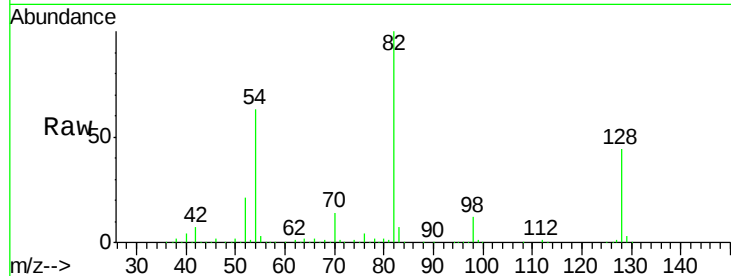
Tot Ion: 82 Resp: 893815

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102909.D

Acq: 12 Feb 2018 10:08

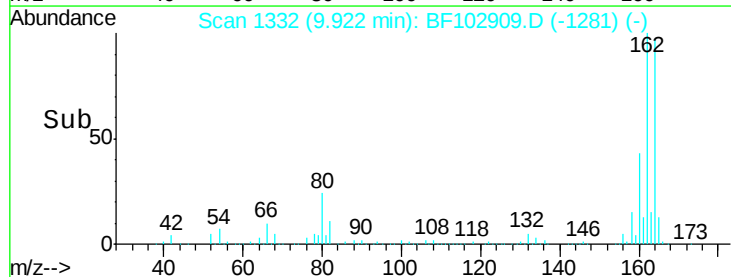
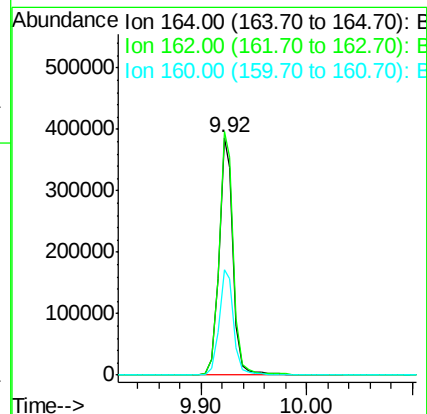
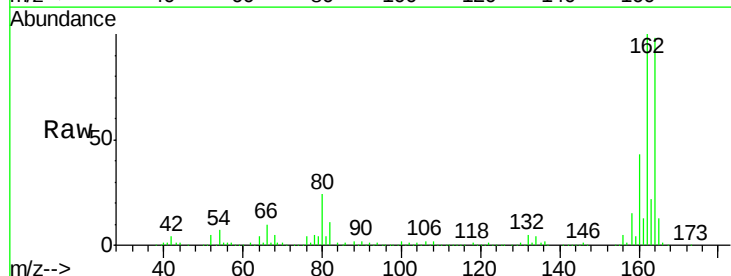
Tgt Ion: 164 Resp: 366793

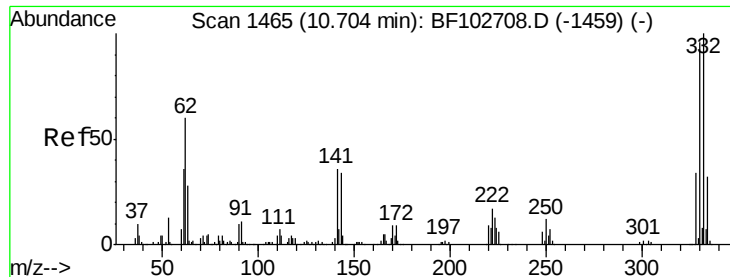
Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

160 44.3 38.3 57.5

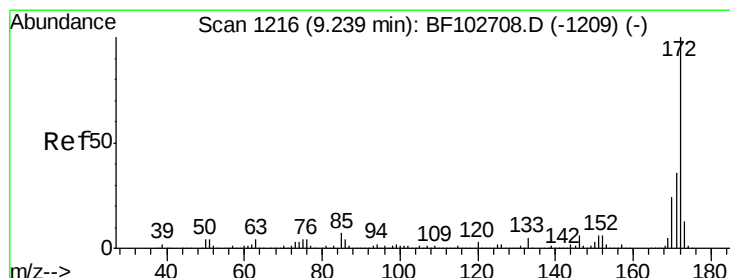
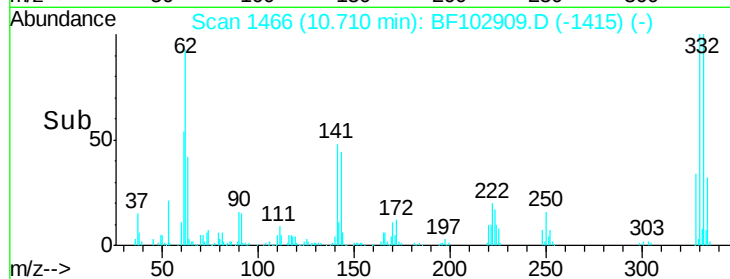
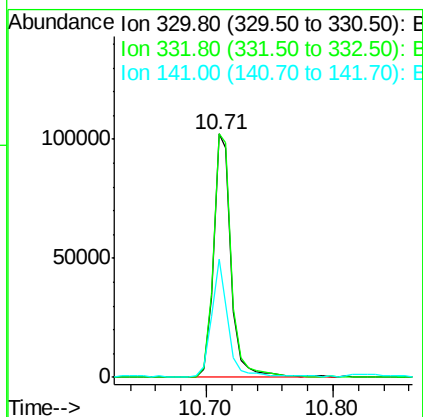
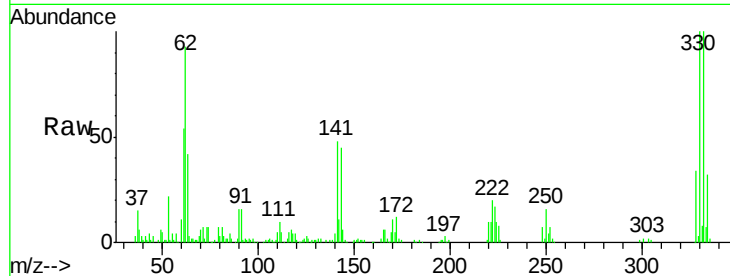




#41
 2,4,6-Tribromophenol
 Concen: 34.251 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102909.D
 Acq: 12 Feb 2018 10:08

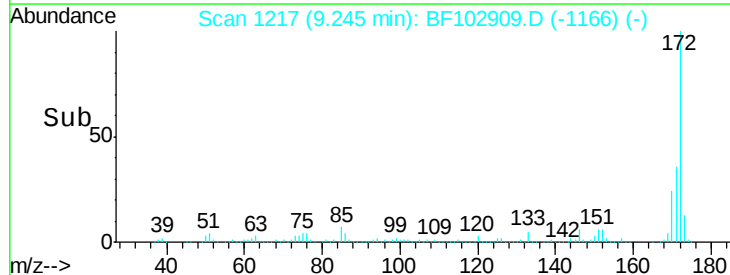
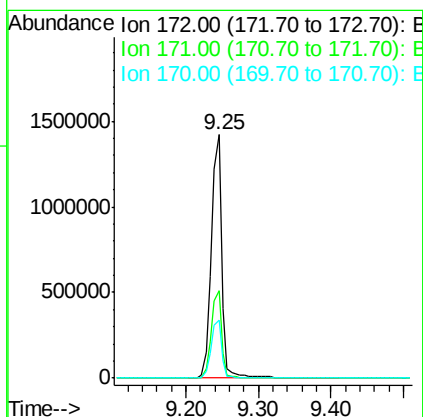
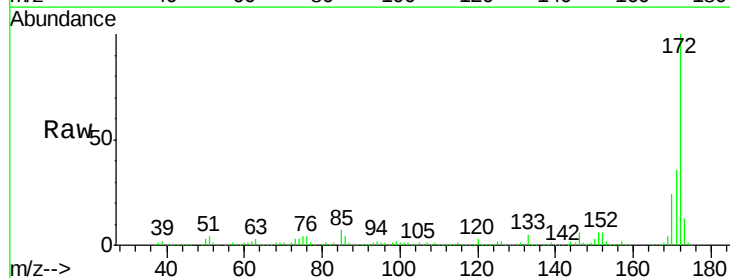
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 101119
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 45.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 64.764 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102909.D
 Acq: 12 Feb 2018 10:08

Tgt Ion:172 Resp: 1431585
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 19.6 29.4

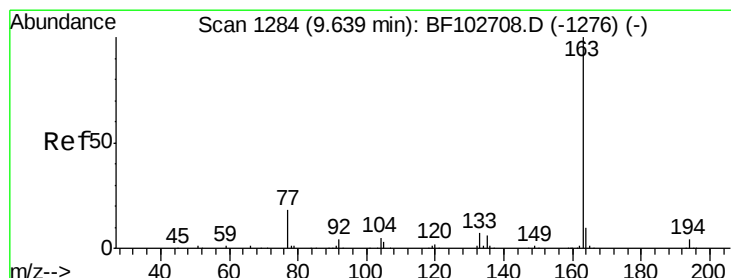
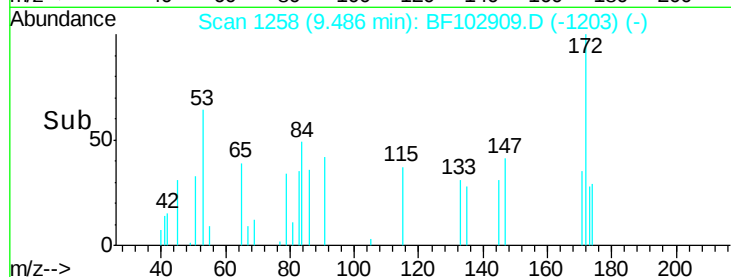
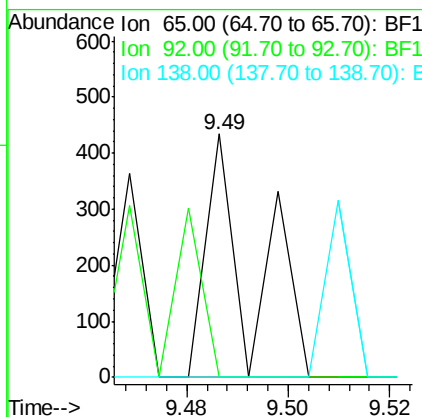
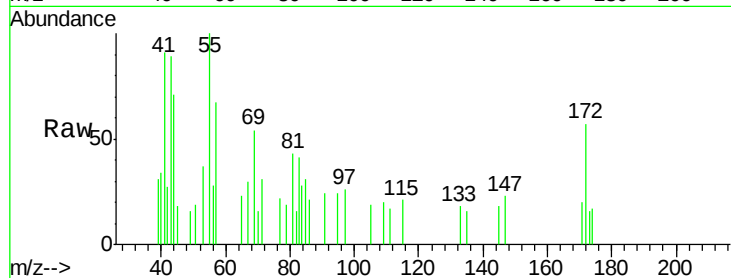




#47
2-Nitroaniline
Concen: 3.506 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.02 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

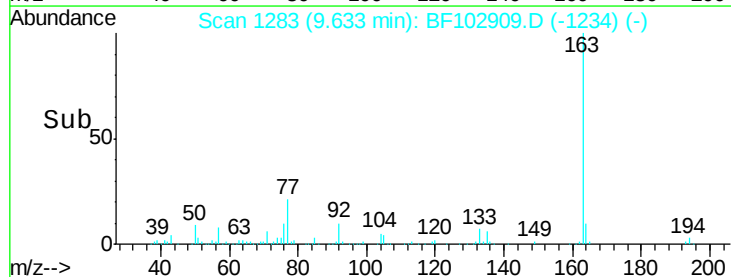
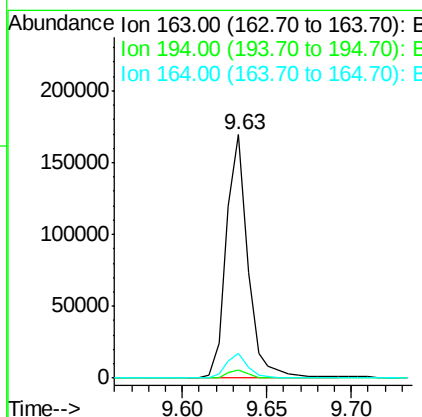
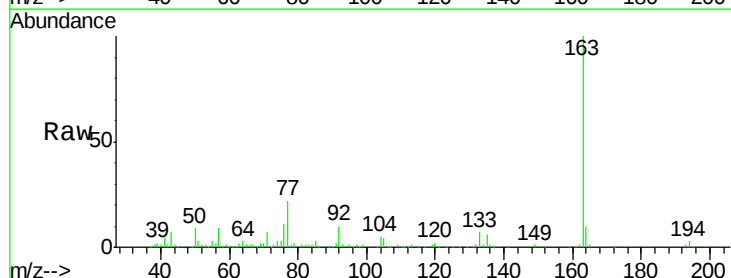
Instrument :
BNA_F
ClientSampled :

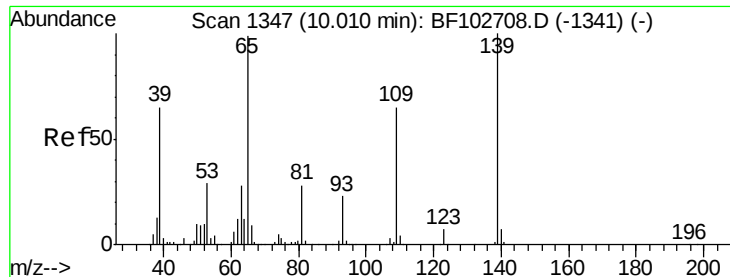
Tot Ion: 65 Resp: 270
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 5.318 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Tgt Ion: 163 Resp: 152084
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

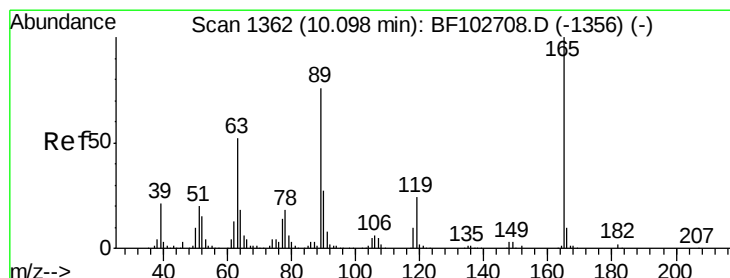
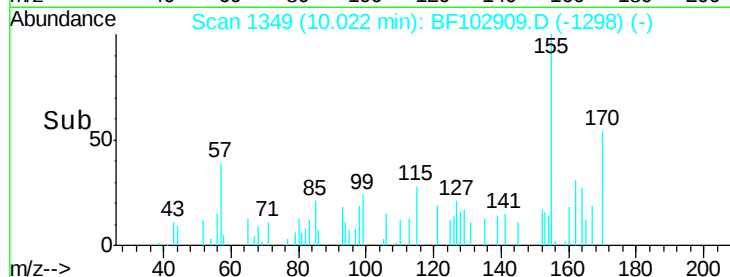
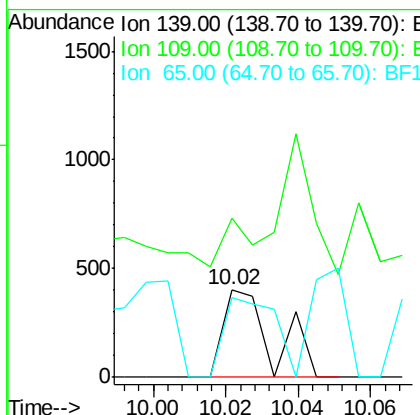
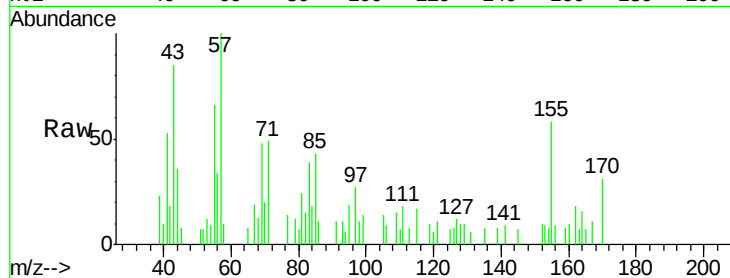




#55
4-Nitrophenol
Concen: 4.090 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

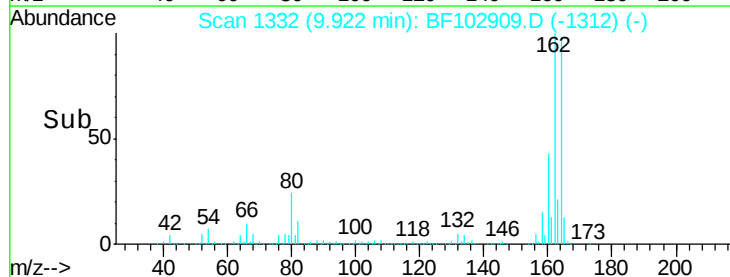
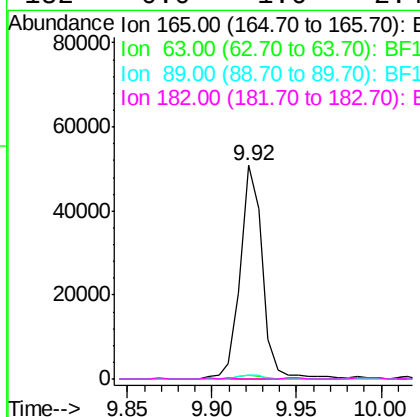
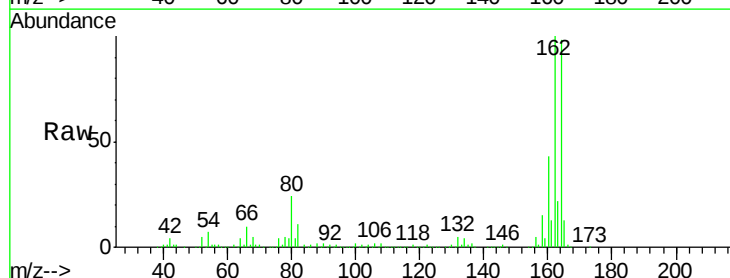
Instrument :
BNA_F
ClientSampled :

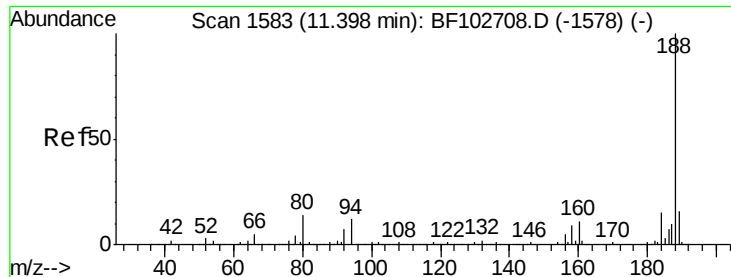
Tot Ion:139 Resp: 380
Ion Ratio Lower Upper
139 100
109 181.3 48.4 88.4#
65 90.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 9.089 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Tgt Ion:165 Resp: 46889
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

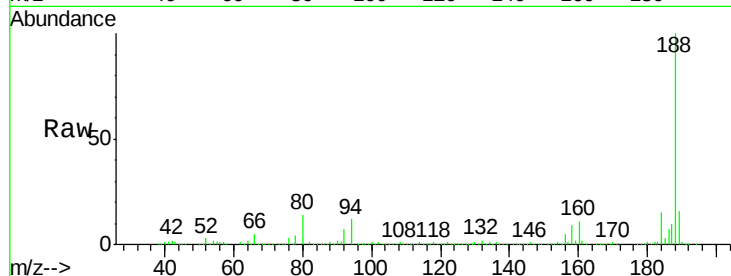




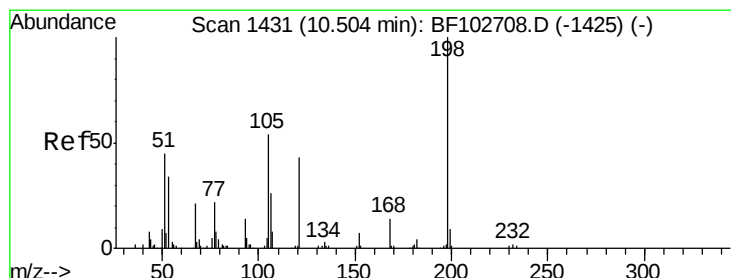
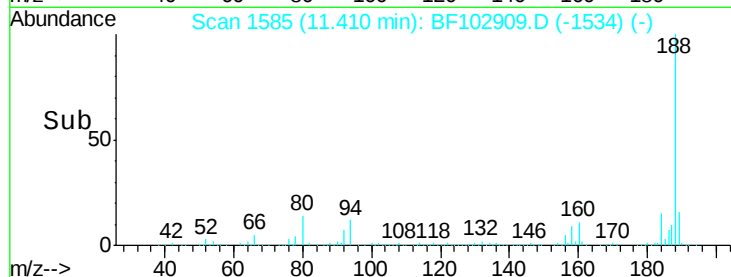
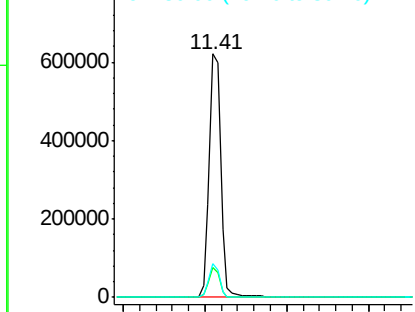
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 611617
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.7 9.2 13.8

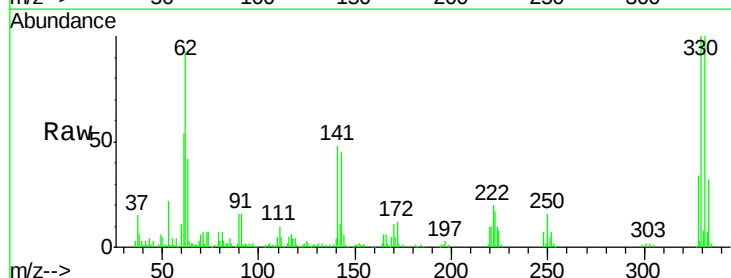


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

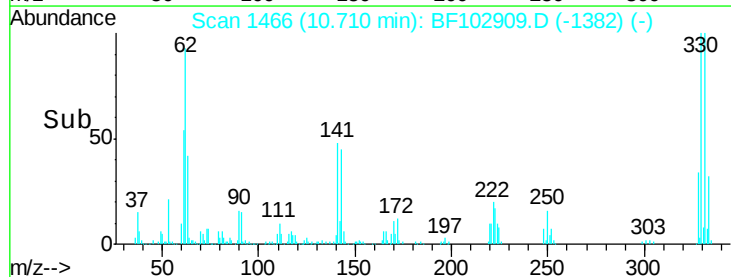
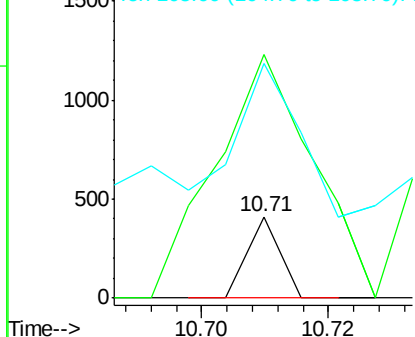


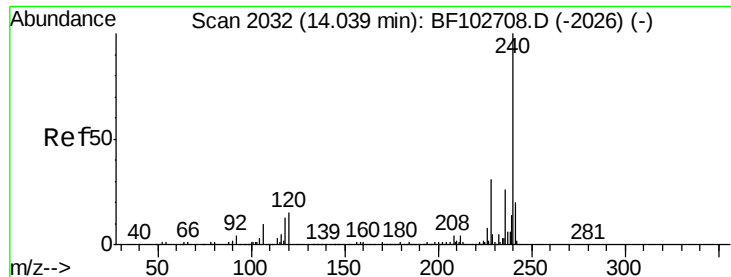
#64
4,6-Dinitro-2-methylphenol
Concen: 8.845 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Tgt Ion:198 Resp: 145
Ion Ratio Lower Upper
198 100
51 300.2 37.7 77.7#
105 288.8 36.3 76.3#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102909.D

Acq: 12 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

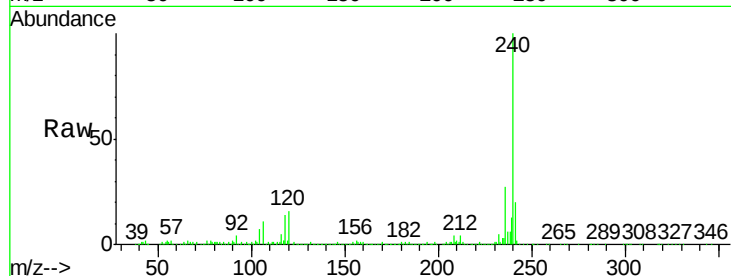
Tot Ion:240 Resp: 430273

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

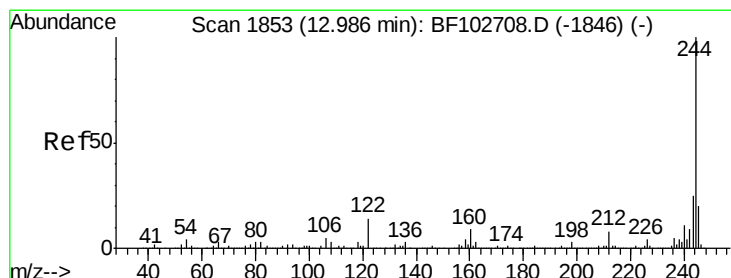
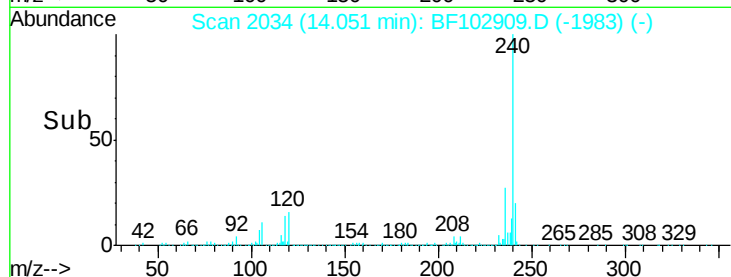
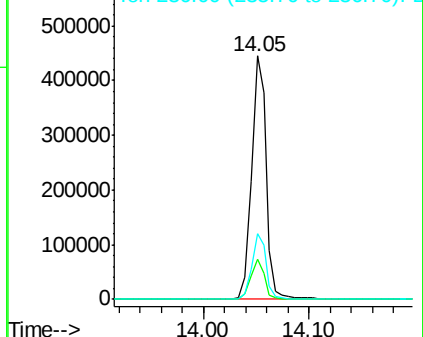
236 26.7 20.7 31.1



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: 65.977 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102909.D

Acq: 12 Feb 2018 10:08

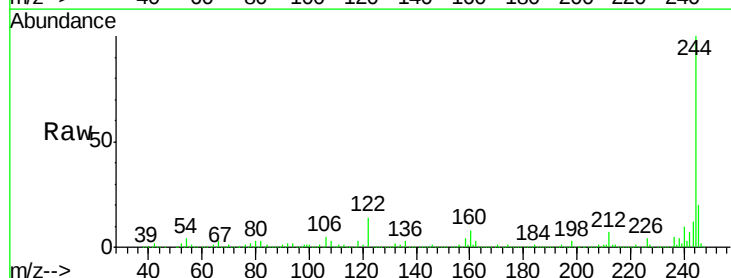
Tgt Ion:244 Resp: 1198929

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

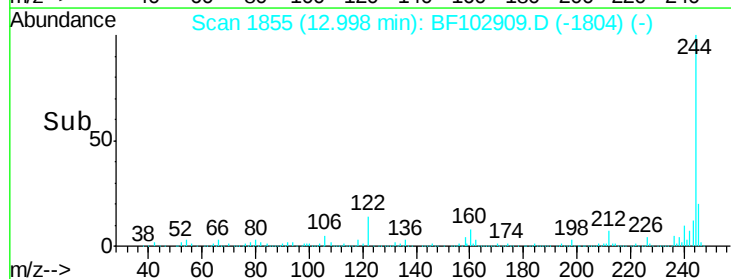
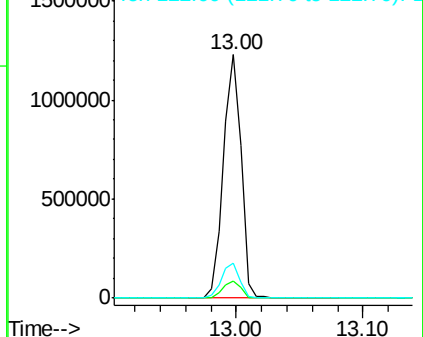
122 14.3 11.0 16.4

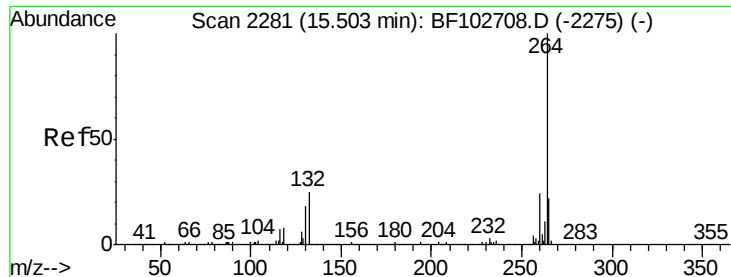


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102909.D
Acq: 12 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 401382
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.5 17.5 26.3

