

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102926.D
 Acq On : 12 Feb 2018 17:49
 Operator : SJ/JU
 Sample : J1517-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 01:04:21 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	190110	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	751045	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	302510	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	409039	20.00	ng	0.00
75) Chrysene-d12	14.06	240	334708	20.00	ng	0.00
86) Perylene-d12	15.54	264	292752	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	943265	75.35	ng	0.02
7) Phenol-d6	6.52	99	1356029	89.97	ng	0.01
23) Nitrobenzene-d5	7.45	82	954172	88.13	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	99970	41.06	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1450996	79.59	ng	0.00
78) Terphenyl-d14	13.00	244	953580	67.46	ng	0.00

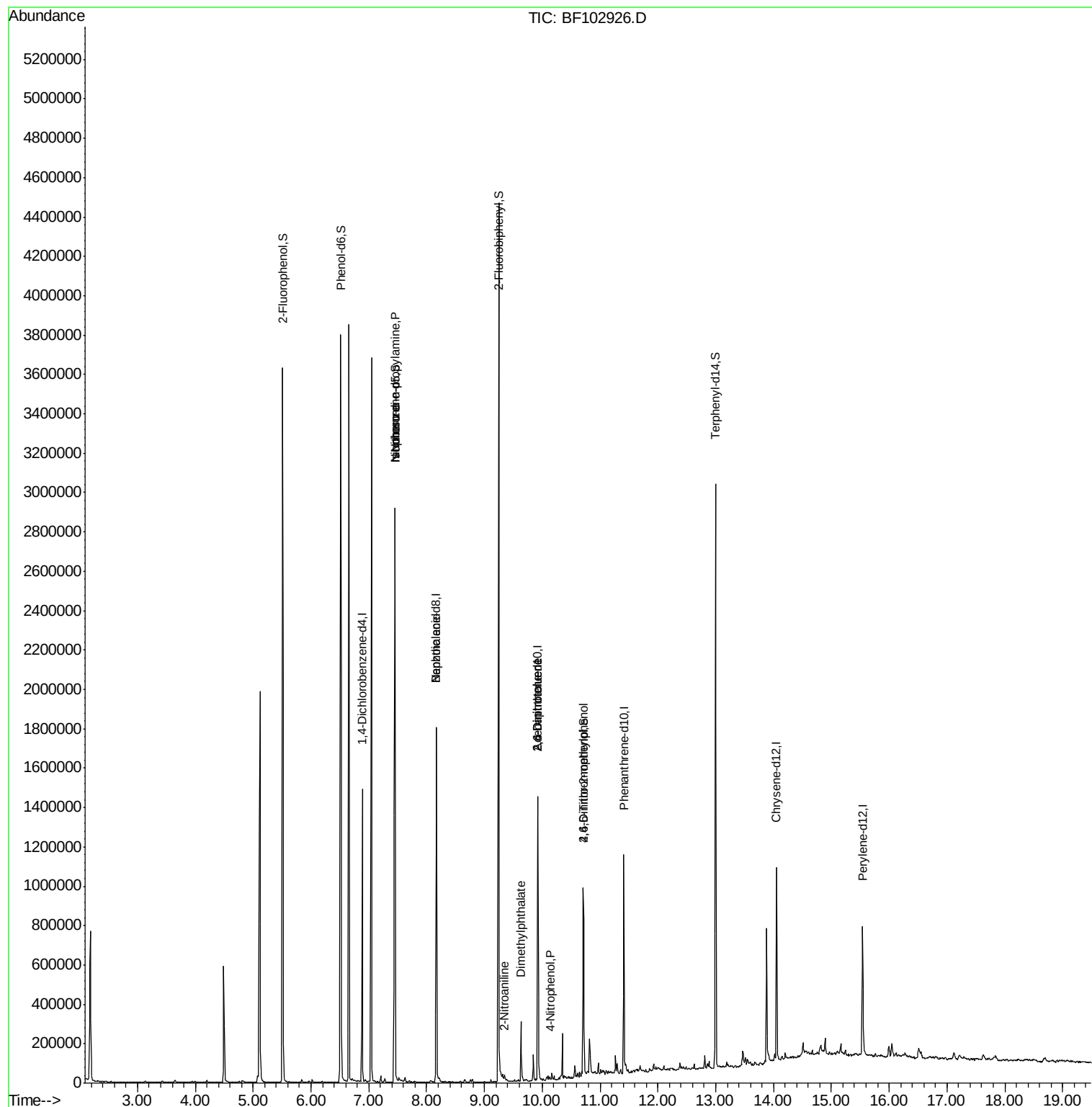
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	129450	13.03	ng	# 80
25) Isophorone	7.45	82	954164	38.27	ng	# 64
32) Benzoic acid	8.17	122	137	8.56	ng	# 1
47) 2-Nitroaniline	9.35	65	126	3.49	ng	# 2
49) Dimethylphthalate	9.63	163	112449	4.77	ng	99
50) 2,6-Dinitrotoluene	9.92	165	38650	8.61	ng	# 26
55) 4-Nitrophenol	10.13	139	245	4.08	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	38651	9.09	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	119	8.86	ng	# 1

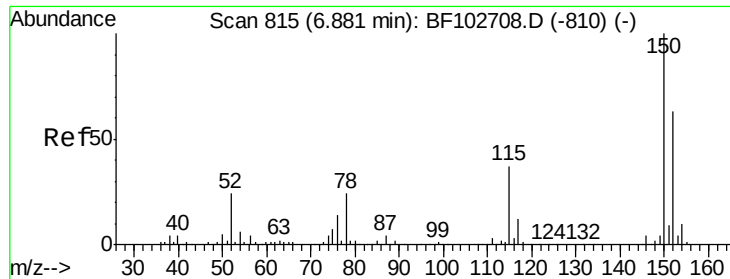
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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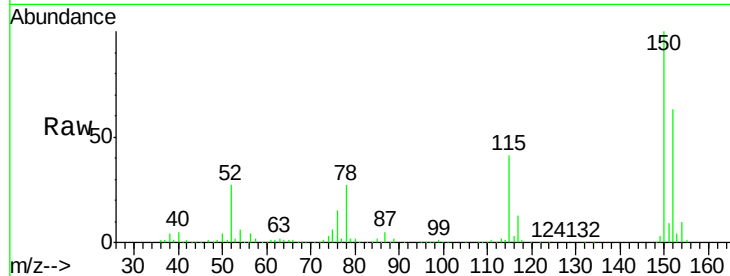


#1

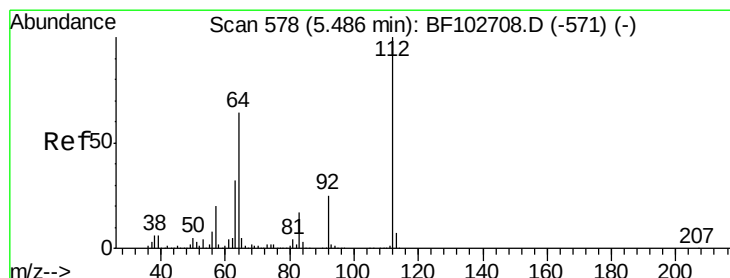
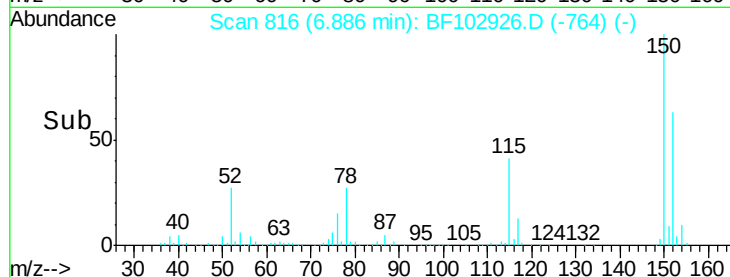
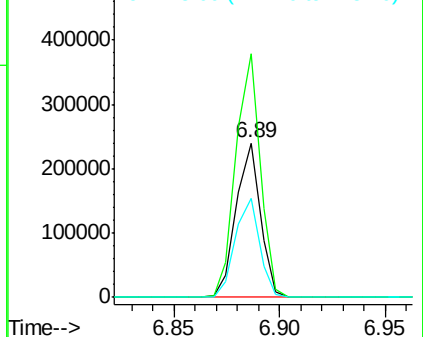
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	64.3	50.1	75.1



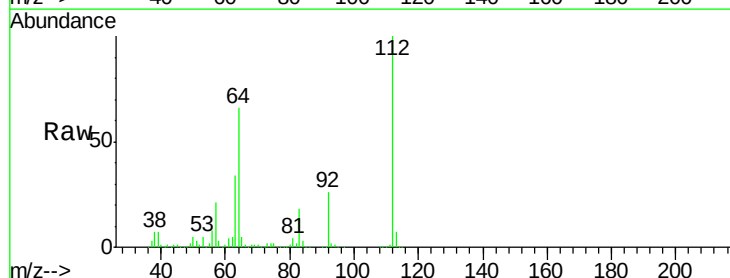
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



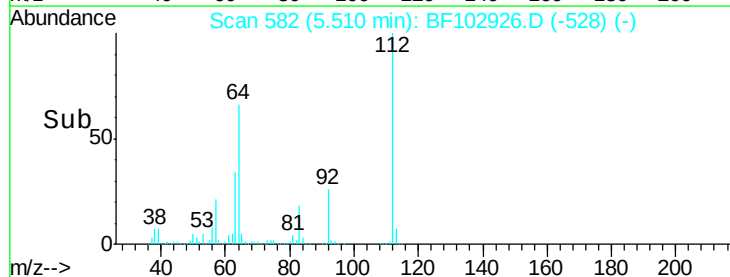
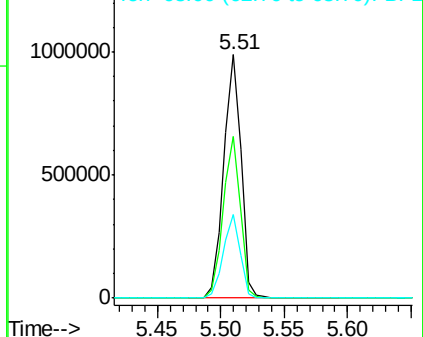
#5

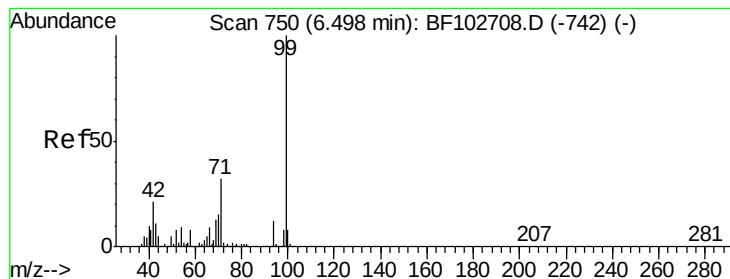
2-Fluorophenol
Concen: 75.35 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.3	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: 89.97 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

Instrument :

BNA_F

ClientSampleId :

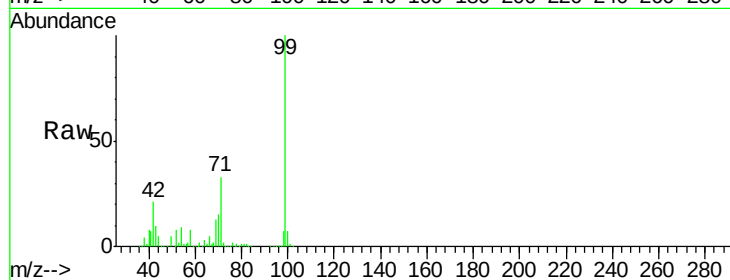
Tot Ion: 99 Resp: 1356029

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

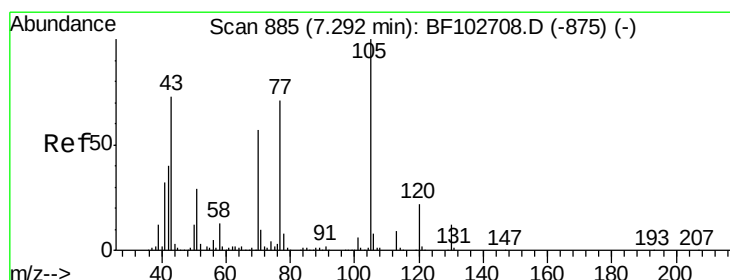
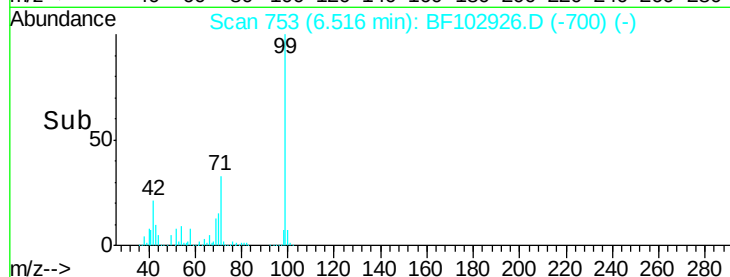
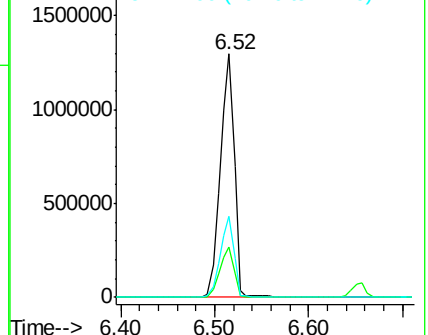
71 33.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.03 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.15 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

Tgt Ion: 70 Resp: 129450

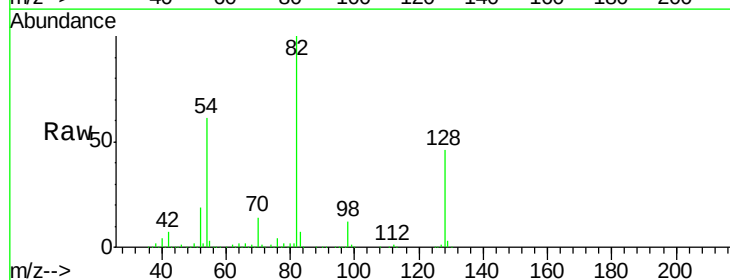
Ion Ratio Lower Upper

70 100

42 50.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

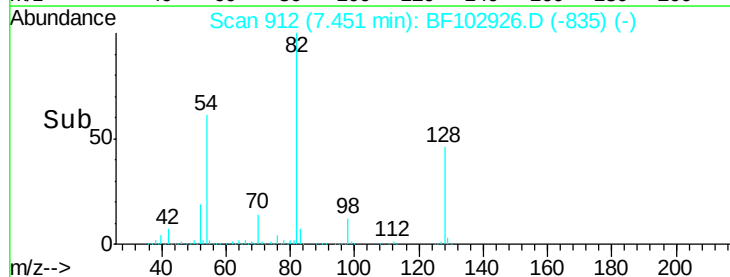
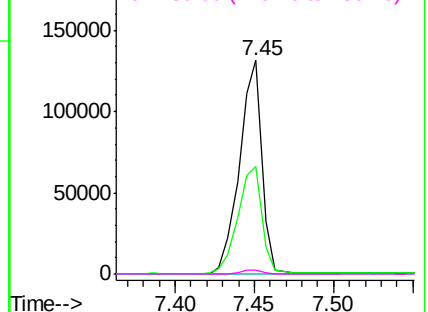


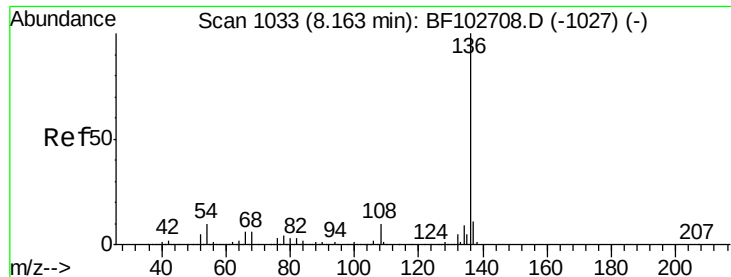
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

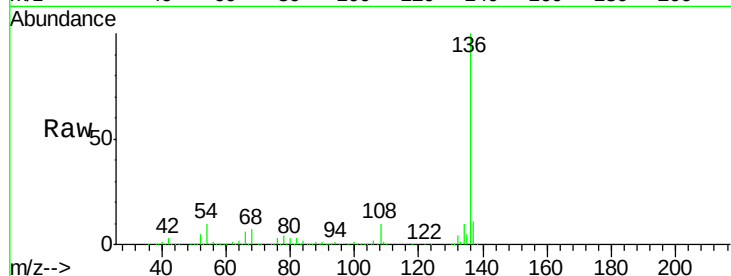




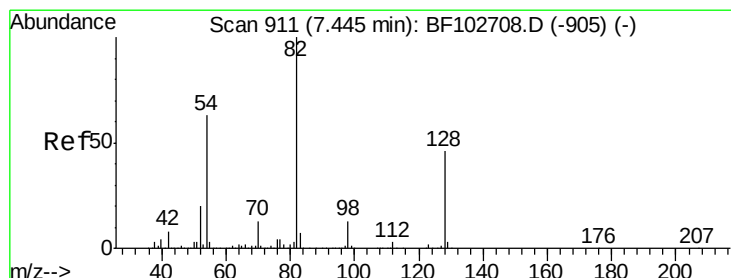
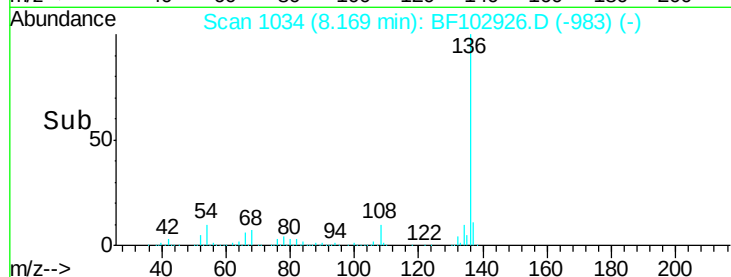
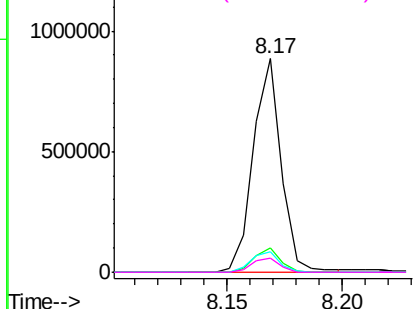
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	751045
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.6	6.6 9.8
68	6.6	5.0 7.4

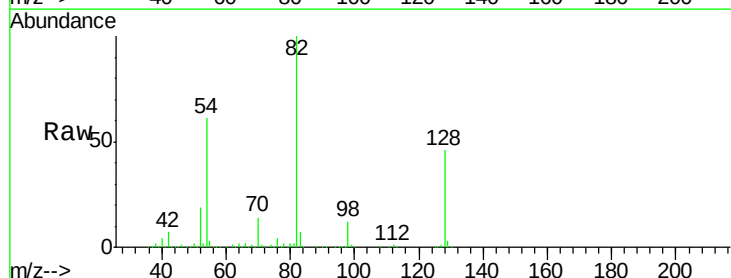


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

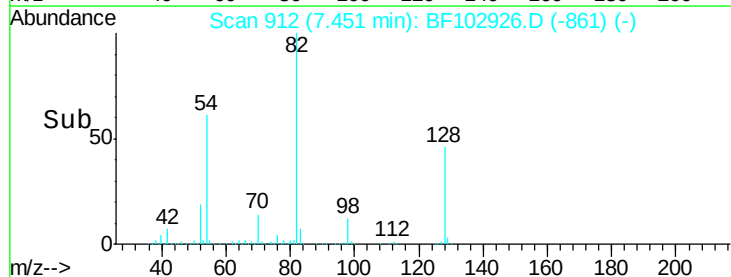
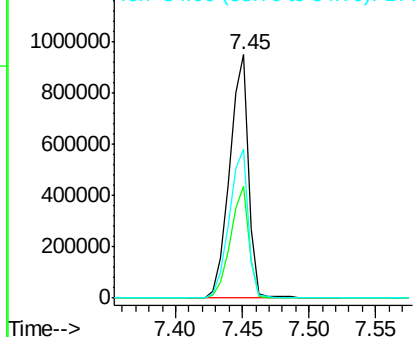


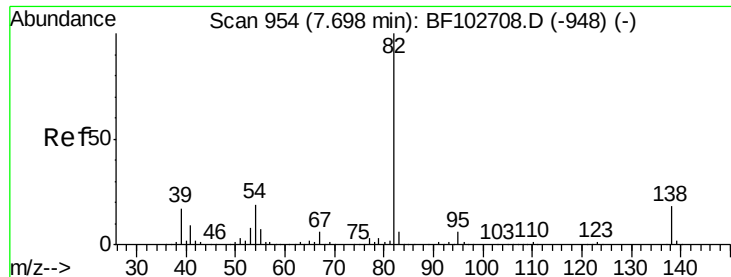
#23
Nitrobenzene-d5
Concen: 88.13 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Tgt Ion: 82	Resp:	954172
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	61.1	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: 38.27 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.25 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

Instrument :

BNA_F

ClientSampleId :

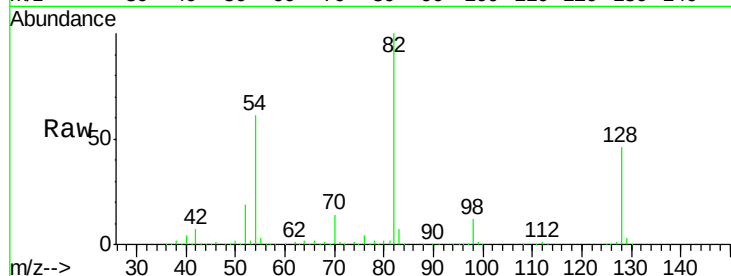
Tot Ion: 82 Resp: 954164

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

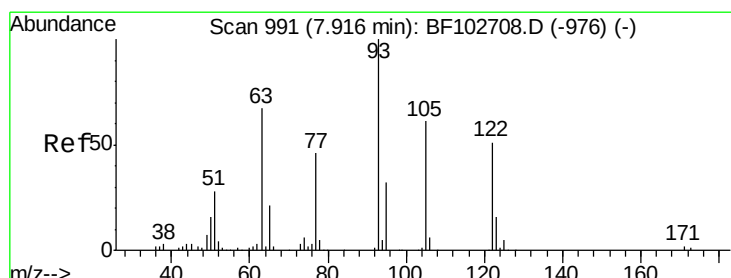
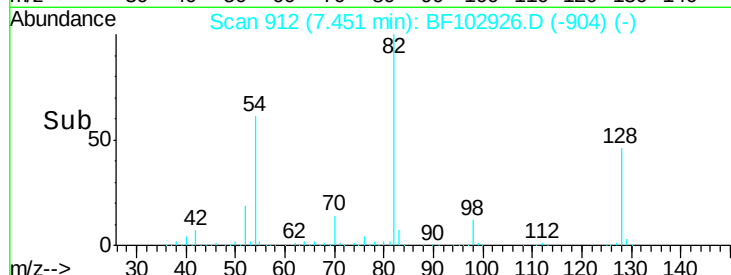
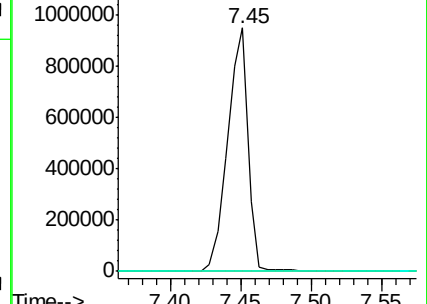
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 8.56 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.24 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

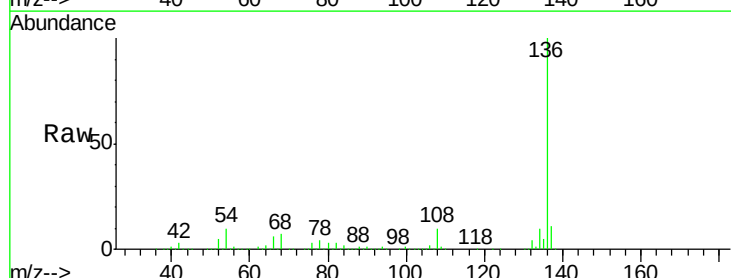
Tgt Ion: 122 Resp: 137

Ion Ratio Lower Upper

122 100

105 200.3 101.1 141.1#

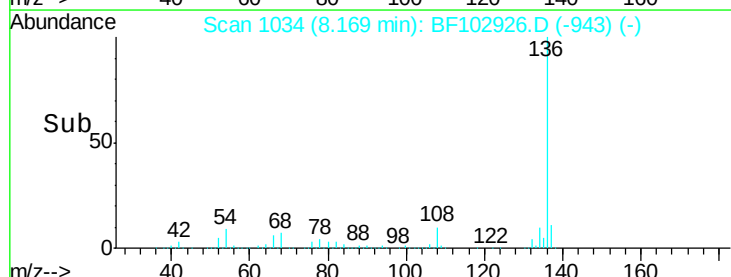
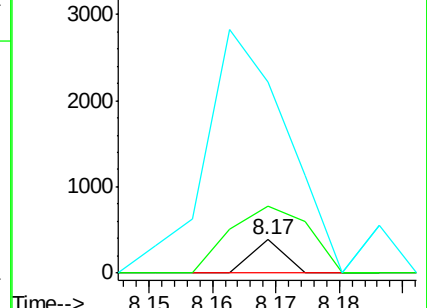
77 568.6 70.7 110.7#

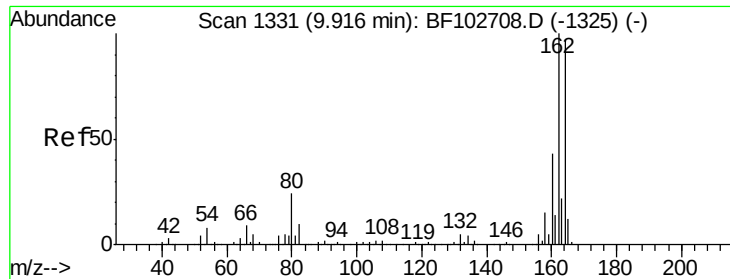


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

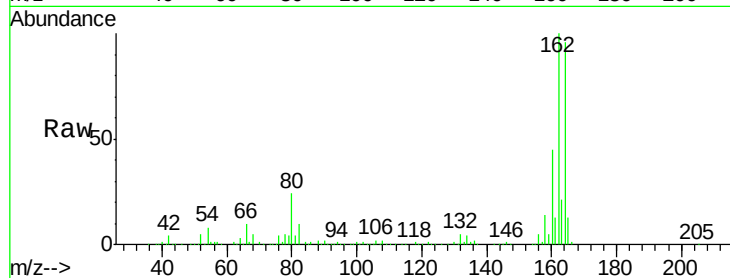




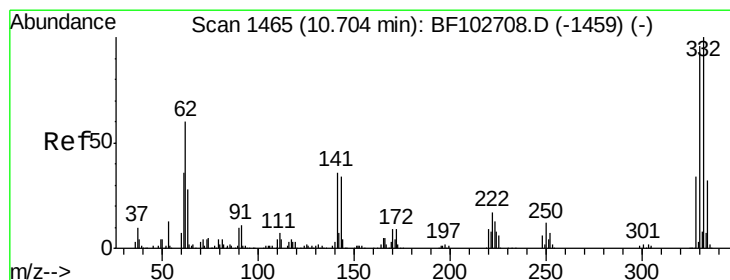
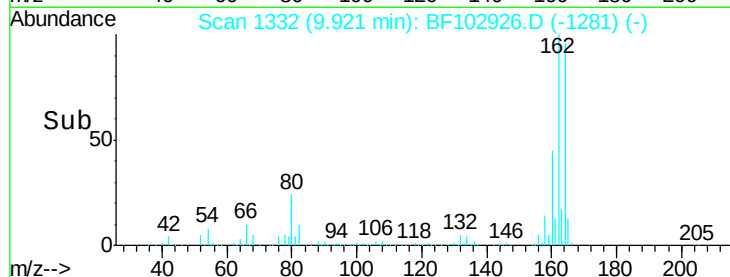
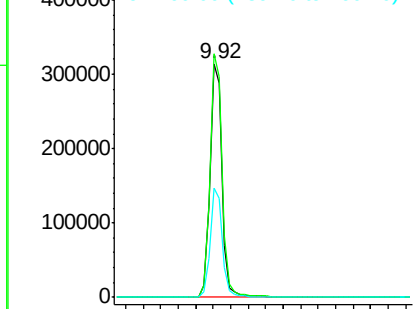
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102926.D
 Acq: 12 Feb 2018 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 302510
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.7 38.3 57.5

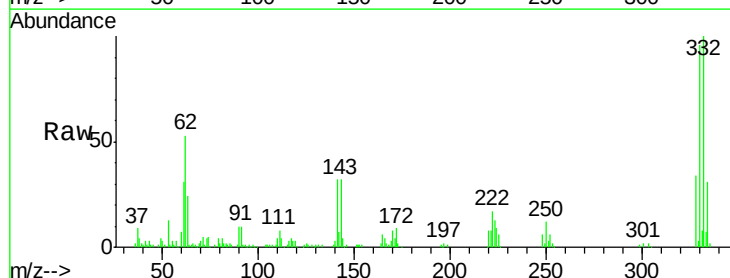


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

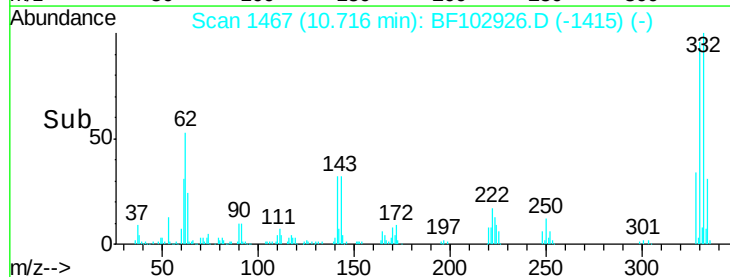
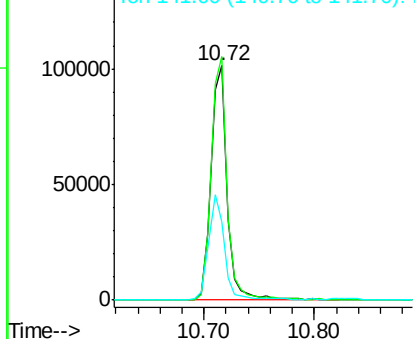


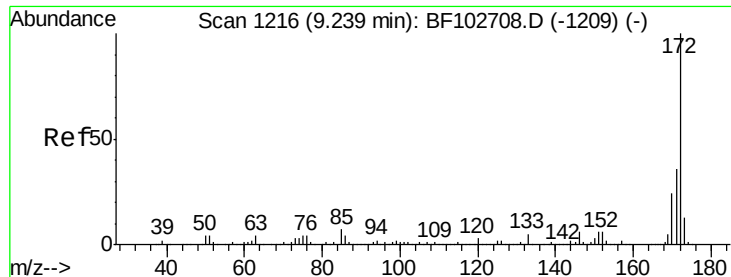
#41
 2,4,6-Tribromophenol
 Concen: 41.06 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102926.D
 Acq: 12 Feb 2018 17:49

Tgt Ion:330 Resp: 99970
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.0 115.6
 141 44.5 29.9 44.9



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

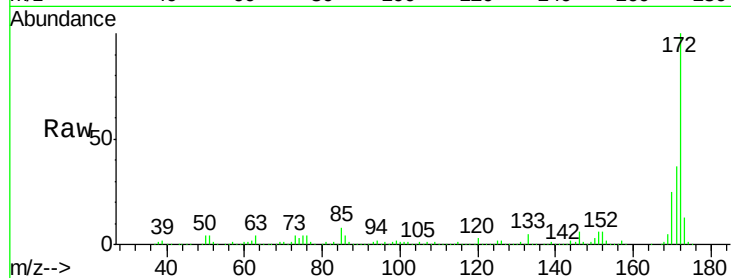




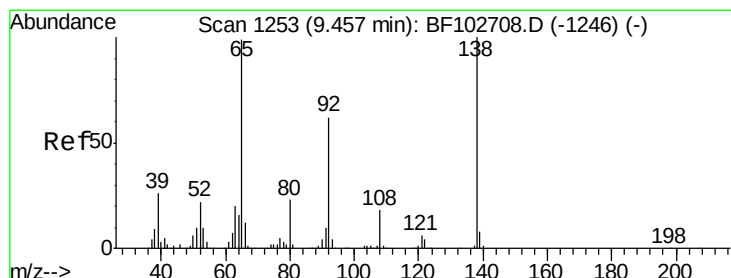
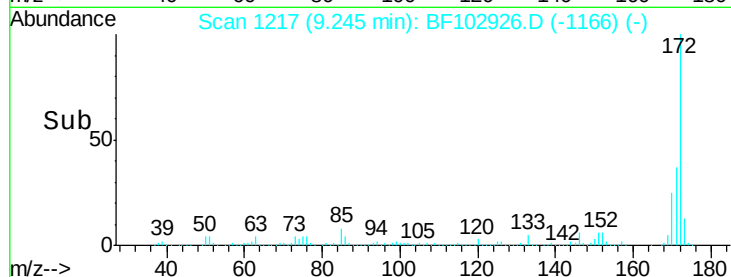
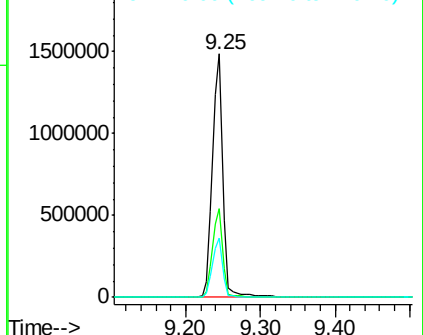
#44
2-Fluorobiphenyl
Concen: 79.59 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1450996
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.5 19.6 29.4

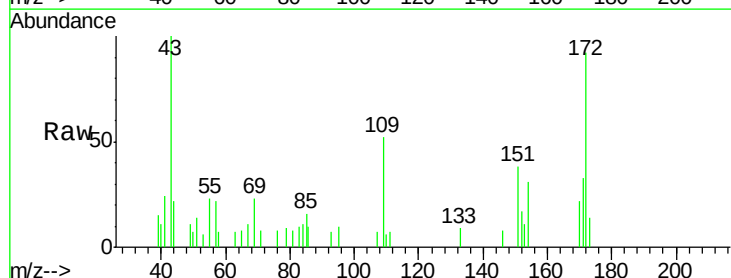


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

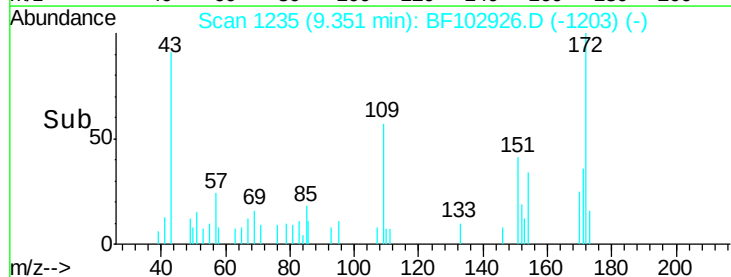
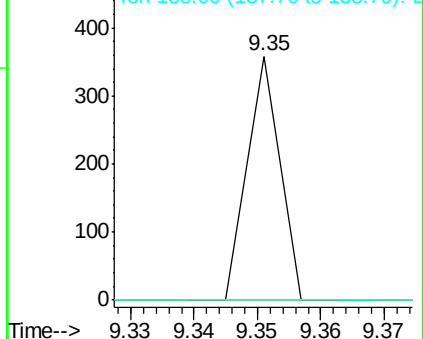


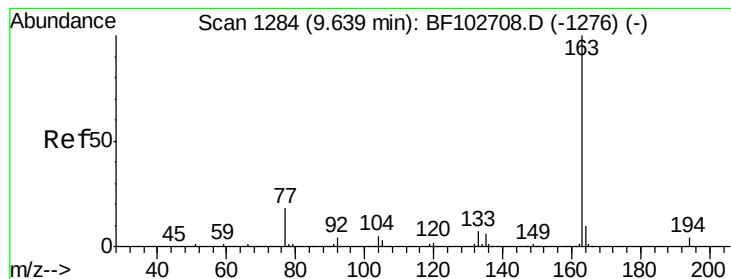
#47
2-Nitroaniline
Concen: 3.49 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.11 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 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): E





#49

Dimethylphthalate

Concen: 4.77 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

Instrument :

BNA_F

ClientSampleId :

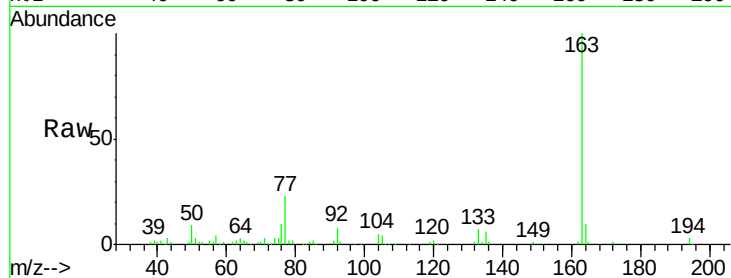
Tot Ion:163 Resp: 112449

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

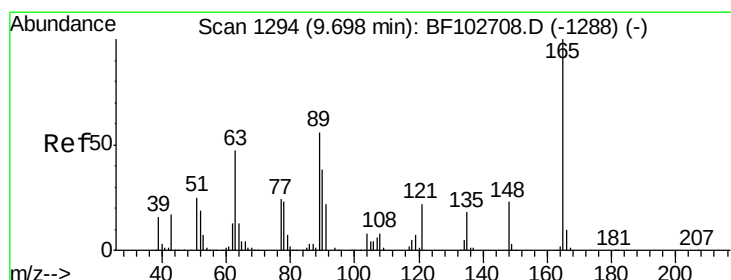
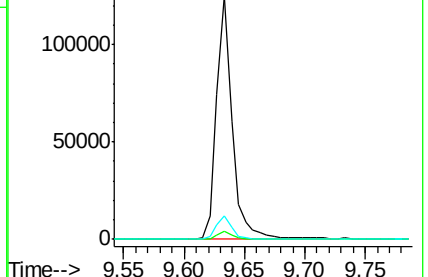
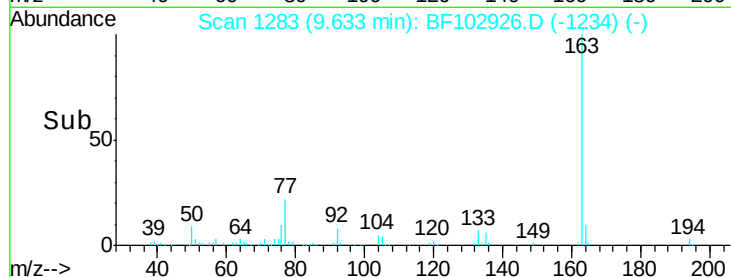
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.61 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

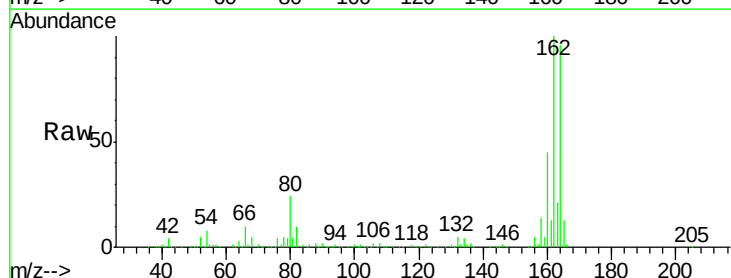
Tgt Ion:165 Resp: 38650

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

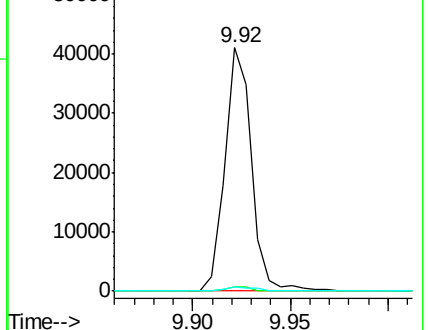
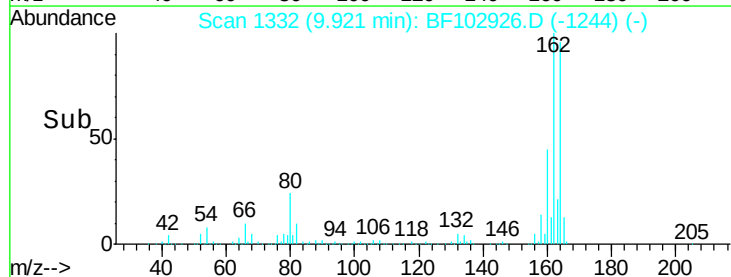
89 1.6 44.0 66.0#

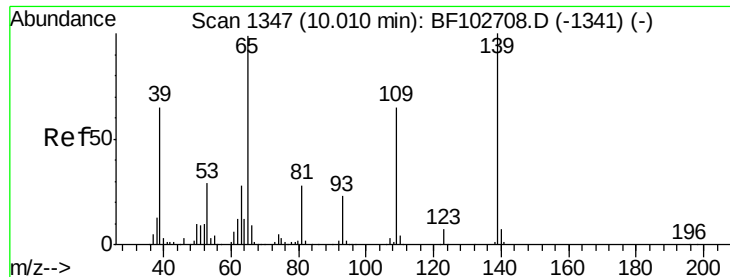


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

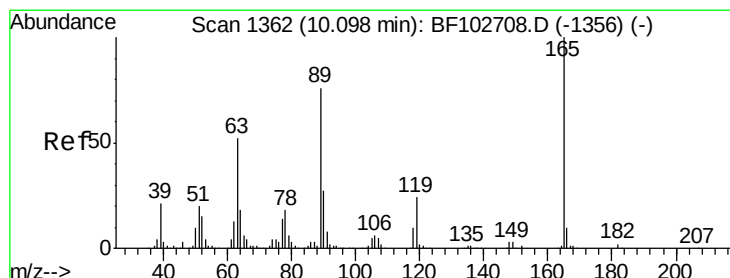
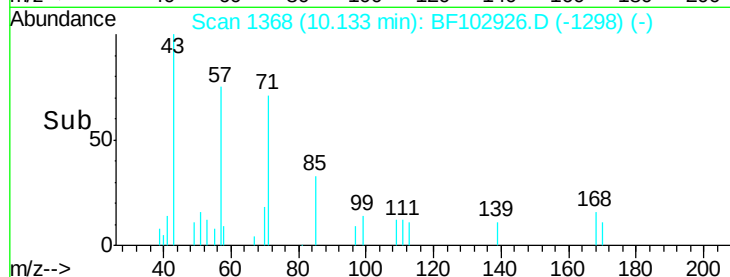
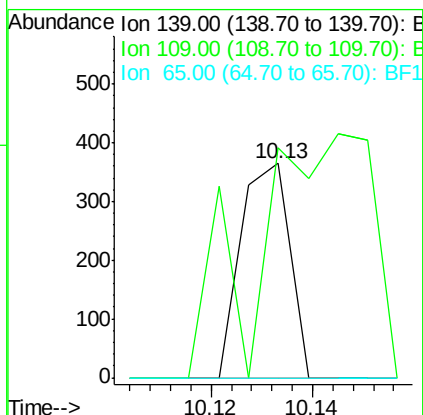
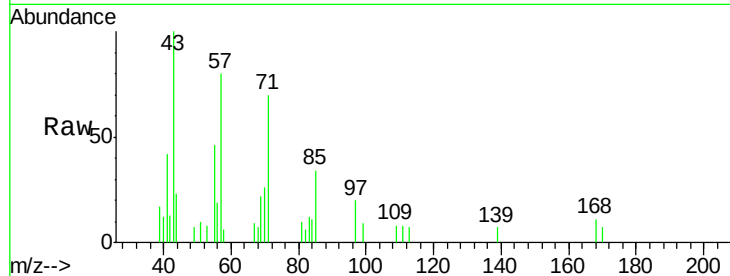




#55
4-Nitrophenol
Concen: 4.08 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.11 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

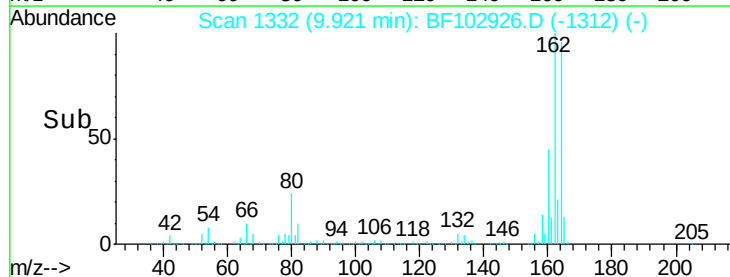
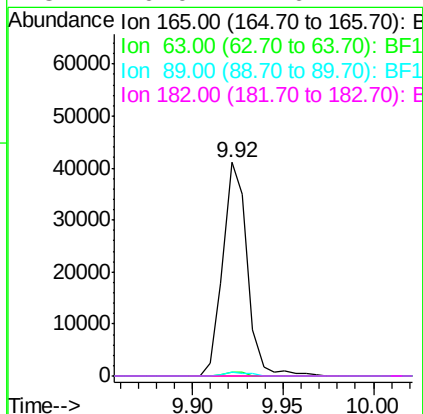
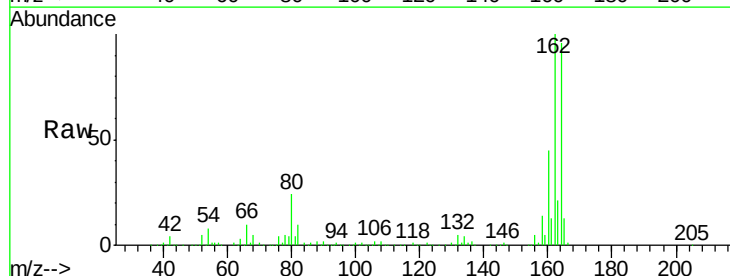
Instrument :
BNA_F
ClientSampled :

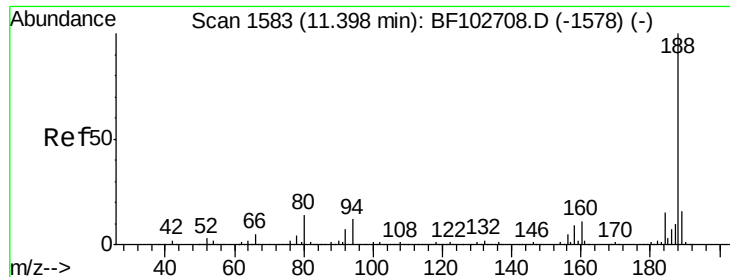
Tot Ion:139 Resp: 245
Ion Ratio Lower Upper
139 100
109 107.4 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.09 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Tgt Ion:165 Resp: 38651
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

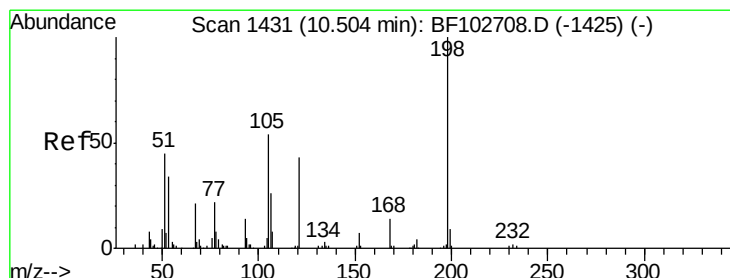
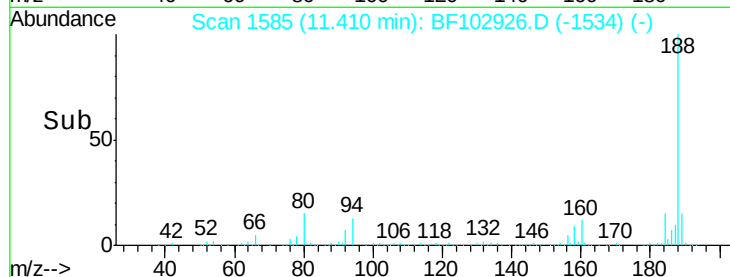
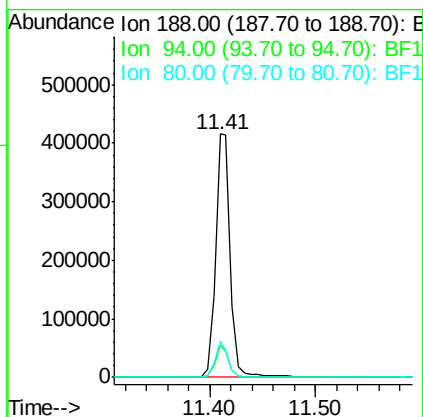
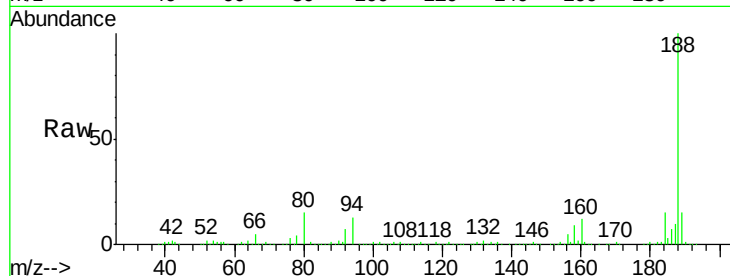




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102926.D
 Acq: 12 Feb 2018 17:49

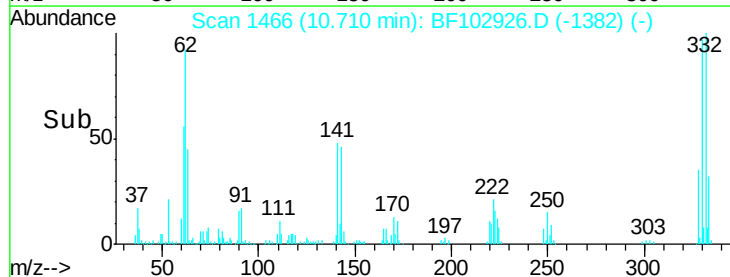
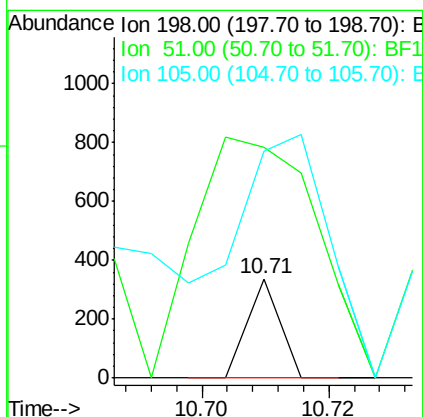
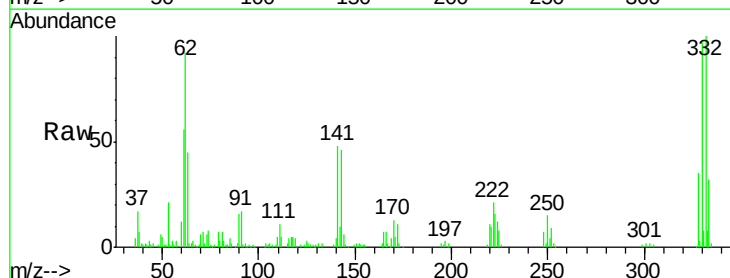
Instrument :
 BNA_F
 ClientSampleId :

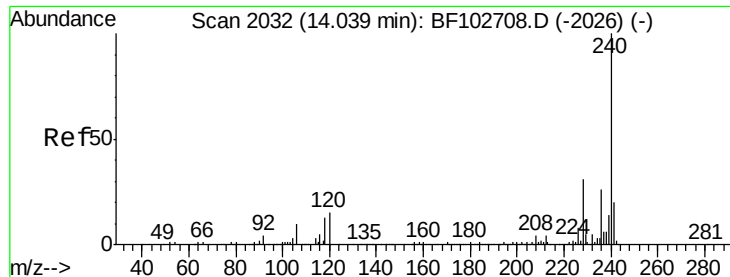
Tot Ion:188 Resp: 409039
 Ion Ratio Lower Upper
 188 100
 94 13.3 8.5 12.7#
 80 14.7 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.86 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF102926.D
 Acq: 12 Feb 2018 17:49

Tgt Ion:198 Resp: 119
 Ion Ratio Lower Upper
 198 100
 51 233.3 37.7 77.7#
 105 228.9 36.3 76.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

Instrument :

BNA_F

ClientSampleId :

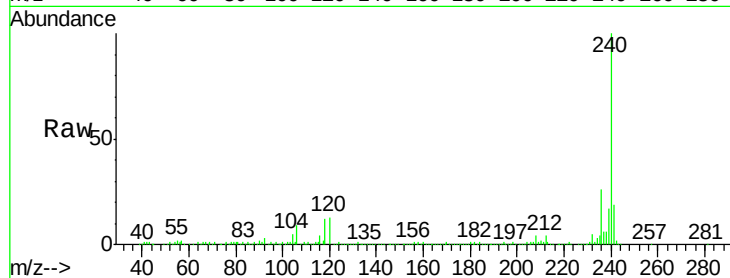
Tot Ion:240 Resp: 334708

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

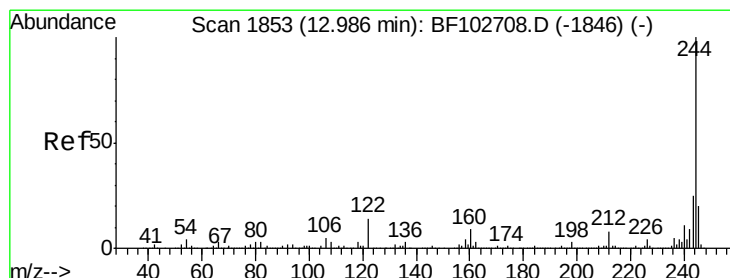
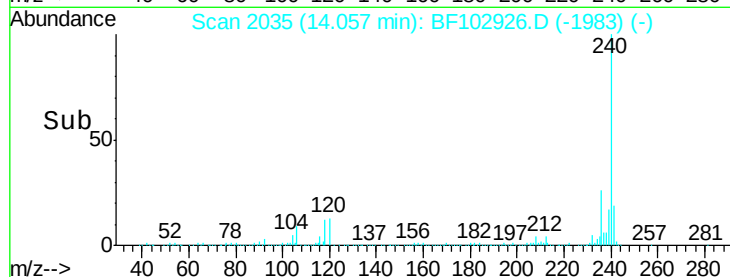
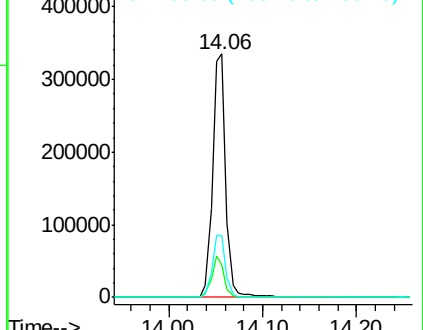
236 25.5 20.7 31.1



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: 67.46 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102926.D

Acq: 12 Feb 2018 17:49

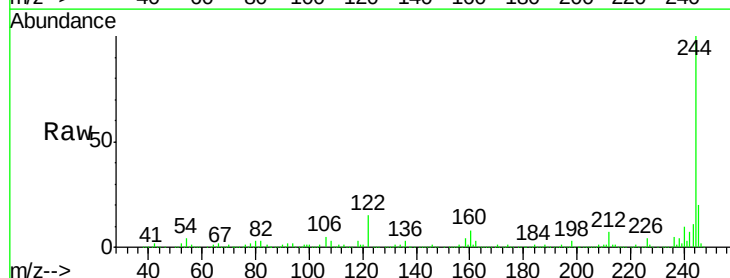
Tgt Ion:244 Resp: 953580

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

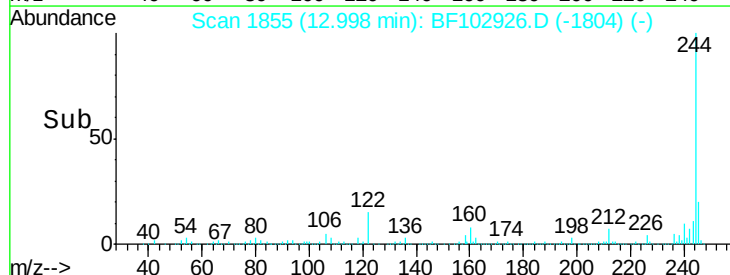
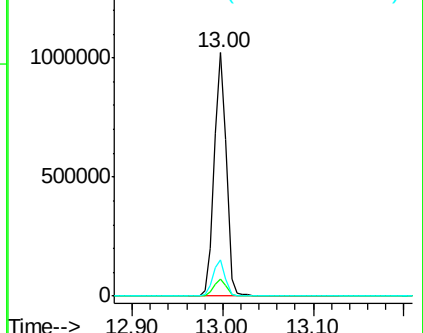
122 14.7 11.0 16.4

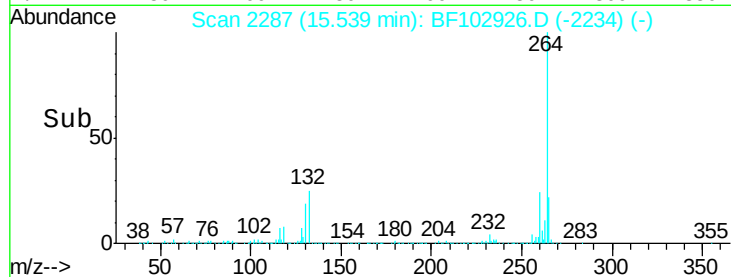
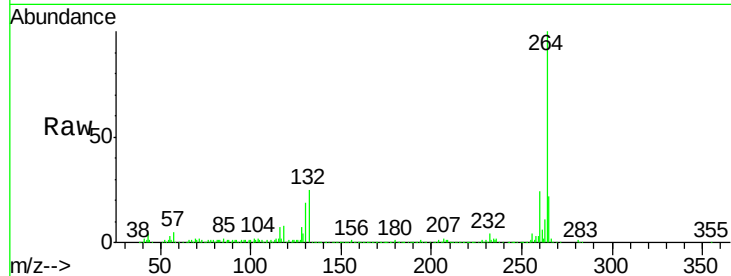
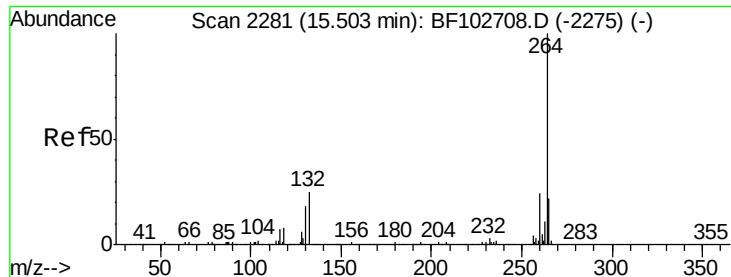


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102926.D
Acq: 12 Feb 2018 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3

