

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102878.D
 Acq On : 9 Feb 2018 10:29
 Operator : SJ/JU
 Sample : J1491-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 13:49:09 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

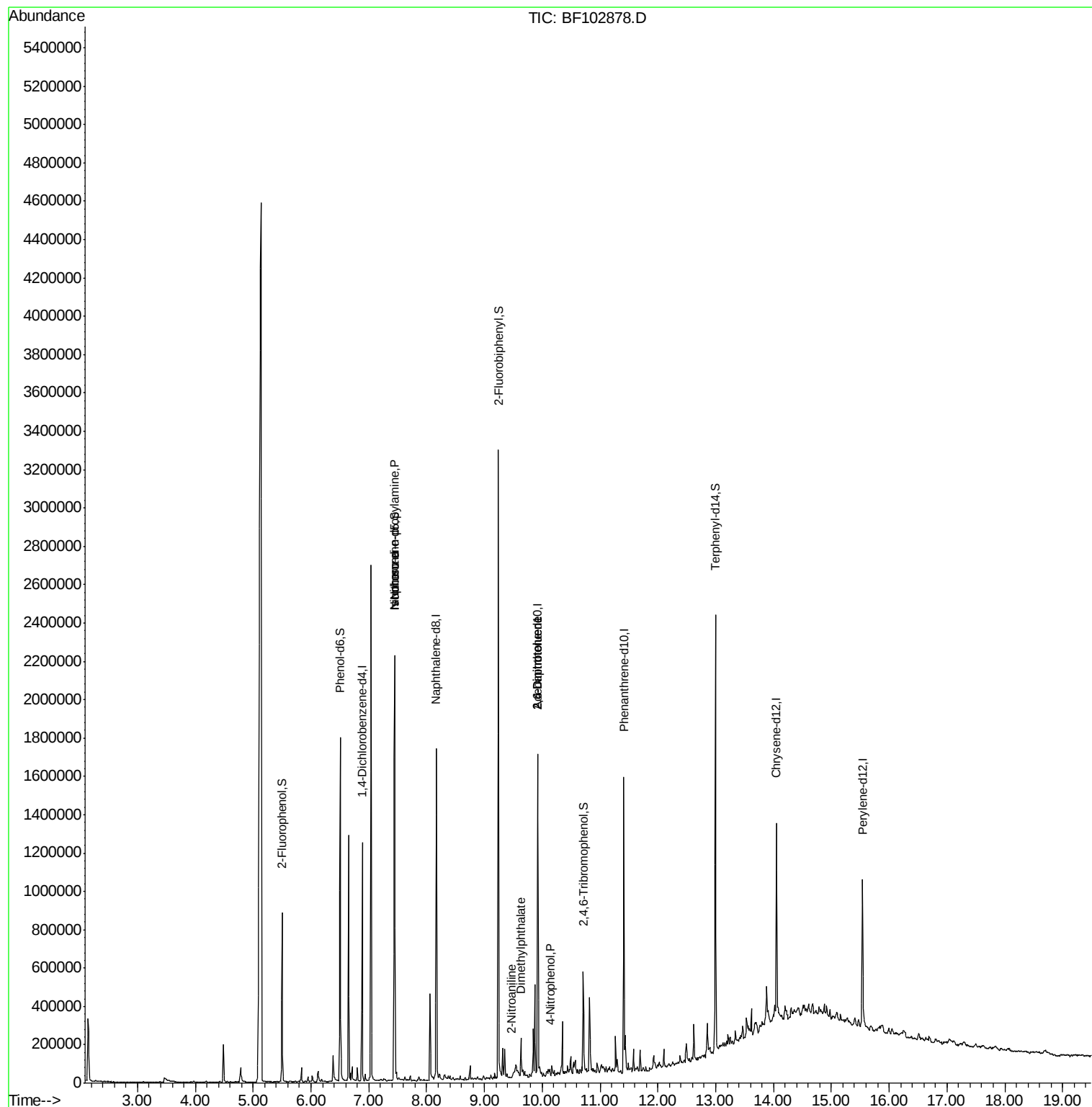
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170754	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	718569	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	326858	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	551633	20.00	ng	0.00
75) Chrysene-d12	14.05	240	338275	20.00	ng	0.00
86) Perylene-d12	15.54	264	348763	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	208085	18.51	ng	0.00
7) Phenol-d6	6.50	99	553018	40.85	ng	0.00
23) Nitrobenzene-d5	7.45	82	632907	61.10	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	46045	17.50	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	955876	48.53	ng	0.00
78) Terphenyl-d14	13.00	244	760286	53.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	94187	10.552	ng	# 87
25) Isophorone	7.45	82	632898	26.535	ng	# 64
47) 2-Nitroaniline	9.46	65	120	3.489	ng	# 2
49) Dimethylphthalate	9.63	163	57381	2.251	ng	100
50) 2,6-Dinitrotoluene	9.92	165	42354	8.735	ng	# 26
55) 4-Nitrophenol	10.13	139	2249	4.460	ng	# 35
56) 2,4-Dinitrotoluene	9.92	165	42354	9.171	ng	# 24

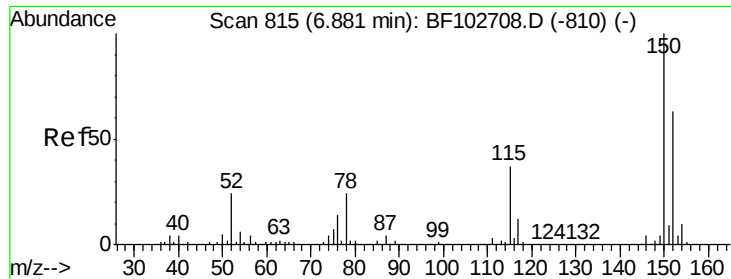
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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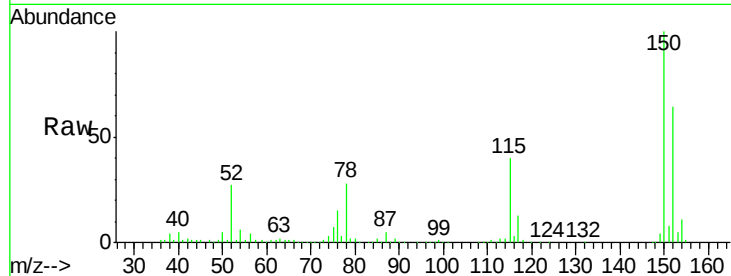


#1

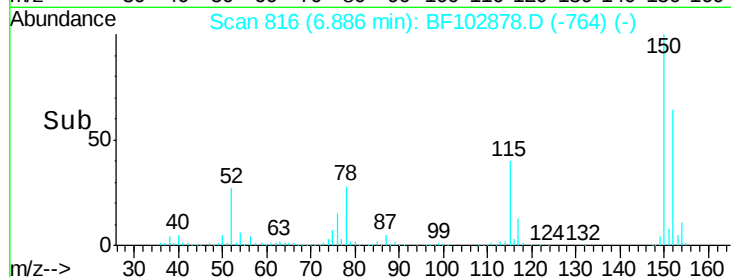
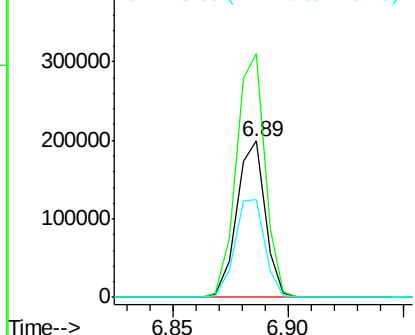
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102878.D
Acq: 9 Feb 2018 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170754
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 62.7 50.1 75.1



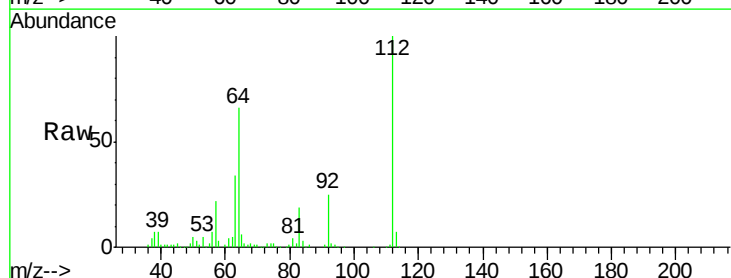
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



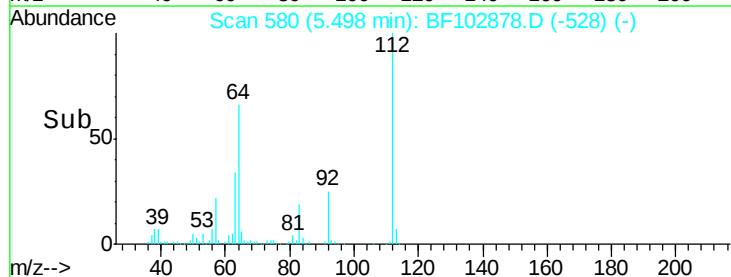
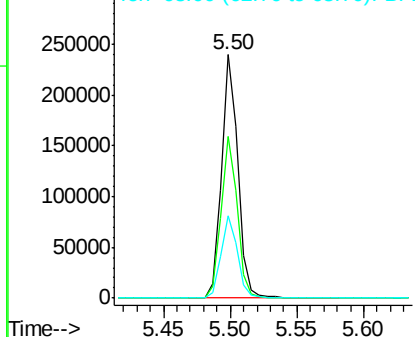
#5

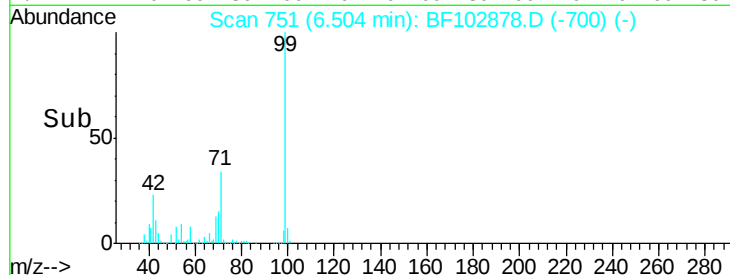
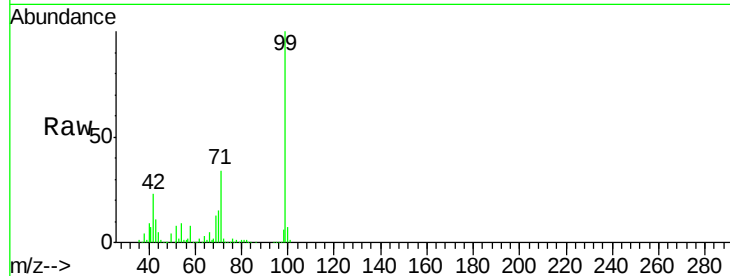
2-Fluorophenol
Concen: 18.507 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102878.D
Acq: 9 Feb 2018 10:29

Tgt Ion:112 Resp: 208085
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 33.7 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: 40.849 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102878.D

Acq: 9 Feb 2018 10:29

Instrument :

BNA_F

ClientSampleId :

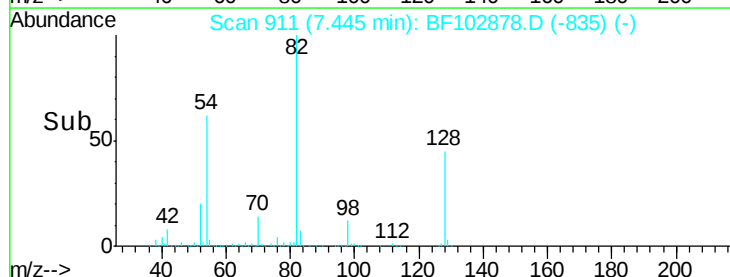
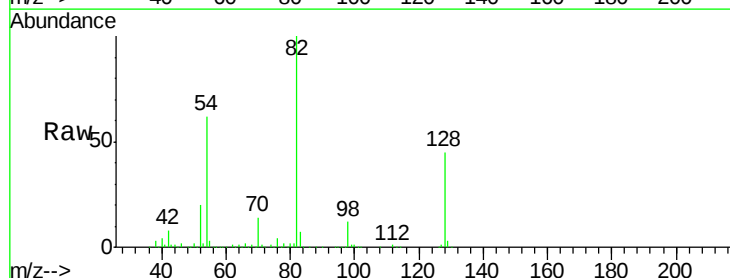
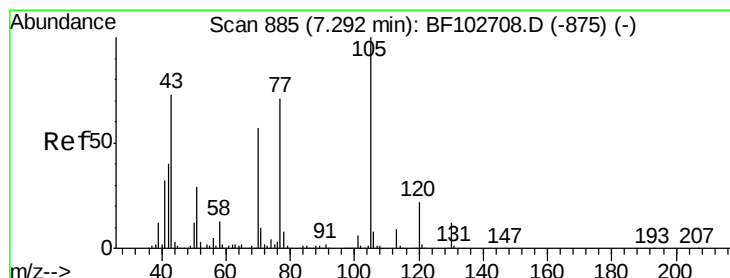
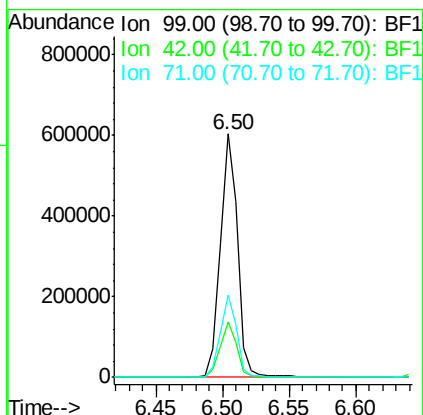
Tot Ion: 99 Resp: 553018

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

71 33.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.552 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102878.D

Acq: 9 Feb 2018 10:29

Tgt Ion: 70 Resp: 94187

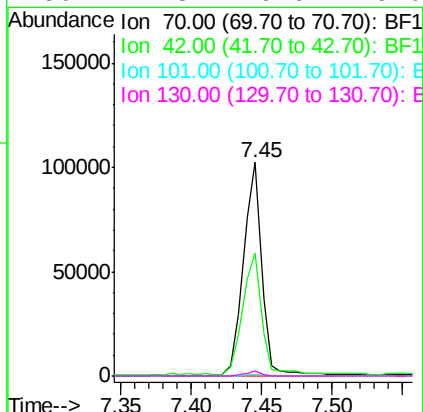
Ion Ratio Lower Upper

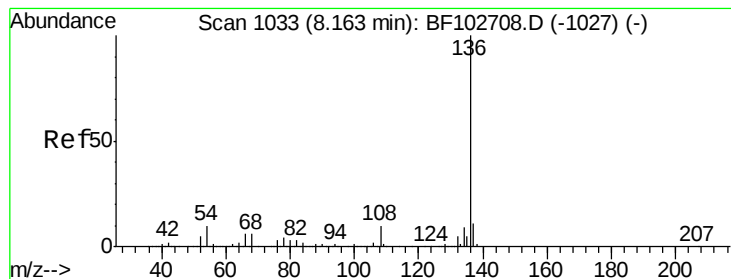
70 100

42 57.4 47.5 71.3

101 0.5 7.4 11.2#

130 2.3 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: BF102878.D

Acq: 9 Feb 2018 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 718569

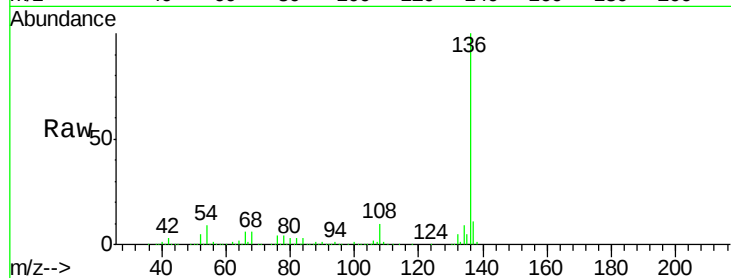
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

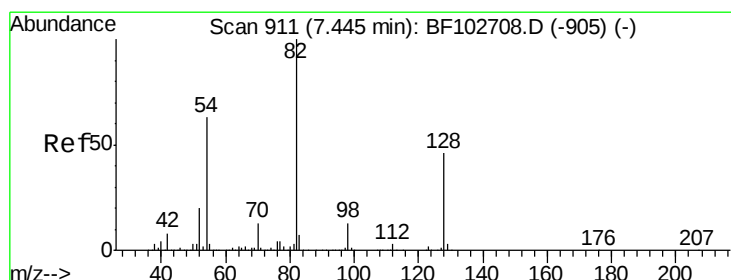
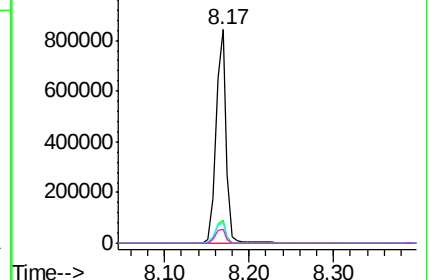
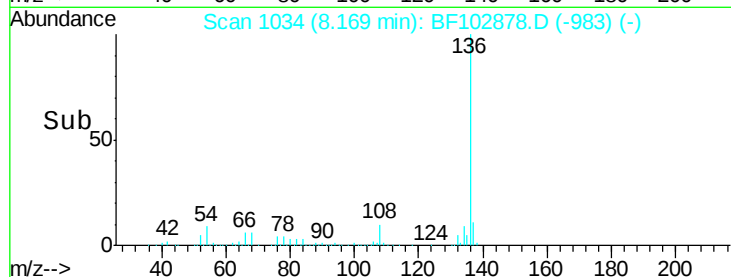


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.101 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102878.D

Acq: 9 Feb 2018 10:29

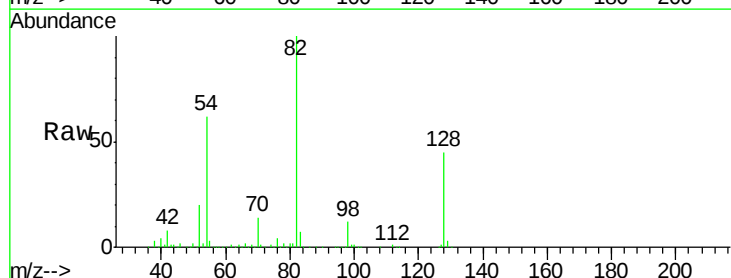
Tgt Ion: 82 Resp: 632907

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

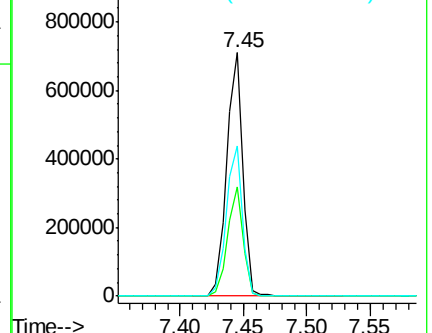
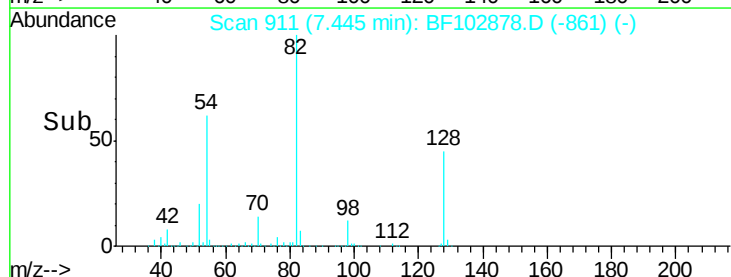
54 61.8 41.4 62.2

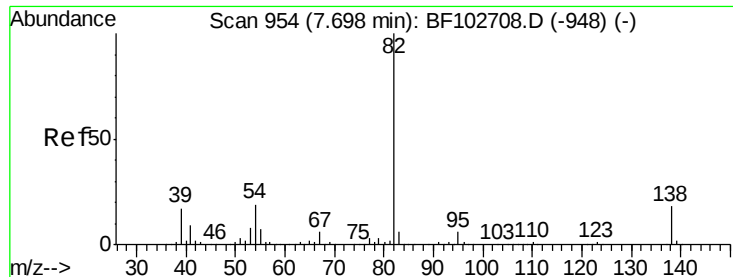


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 26.535 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102878.D

Acq: 9 Feb 2018 10:29

Instrument :

BNA_F

ClientSampleId :

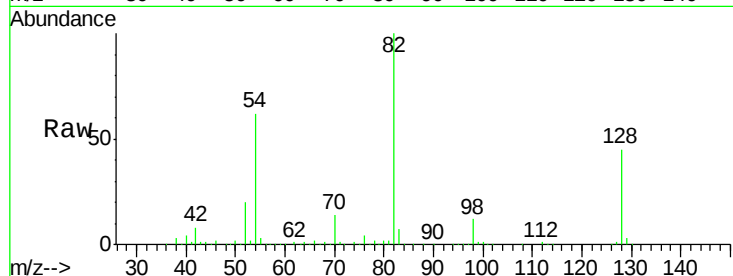
Tot Ion: 82 Resp: 632898

Ion Ratio Lower Upper

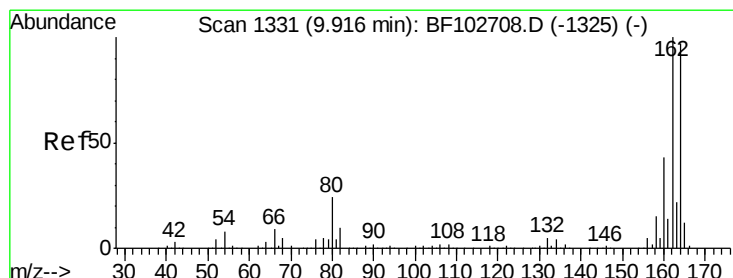
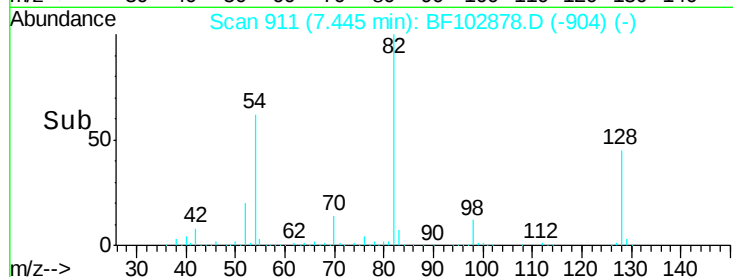
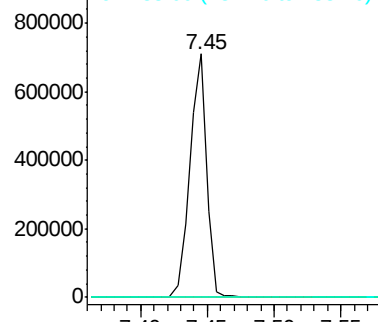
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102878.D

Acq: 9 Feb 2018 10:29

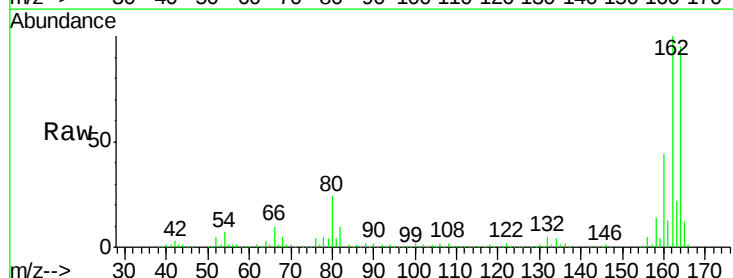
Tgt Ion: 164 Resp: 326858

Ion Ratio Lower Upper

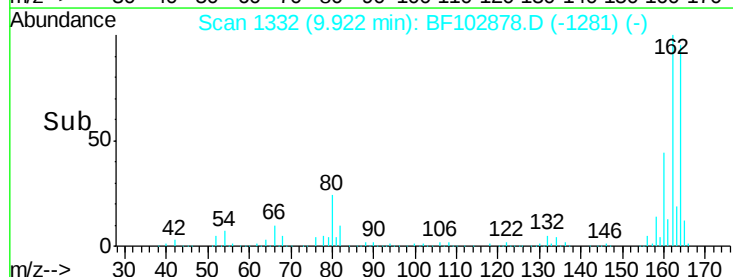
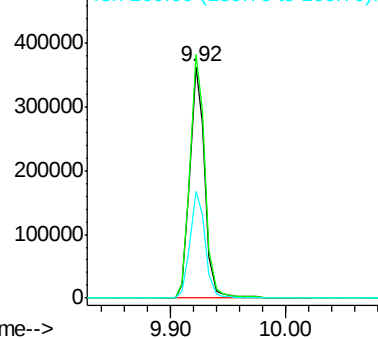
164 100

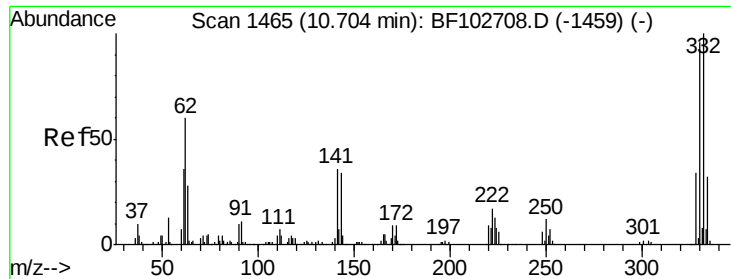
162 105.2 86.1 129.1

160 46.2 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

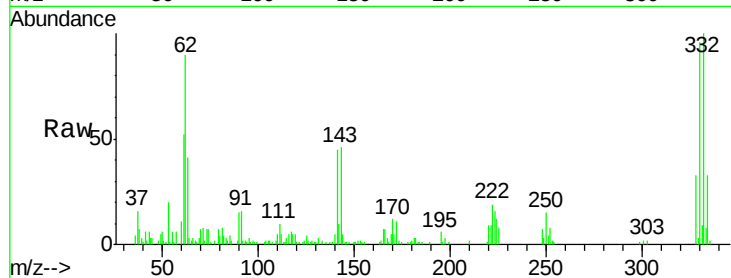




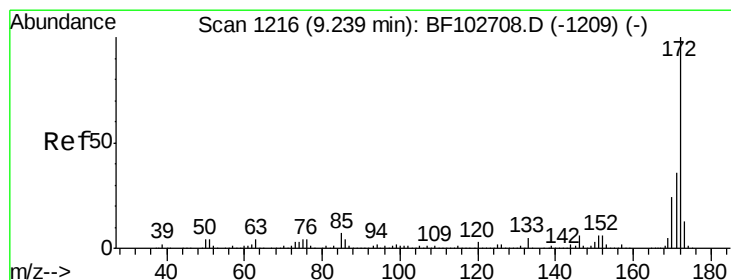
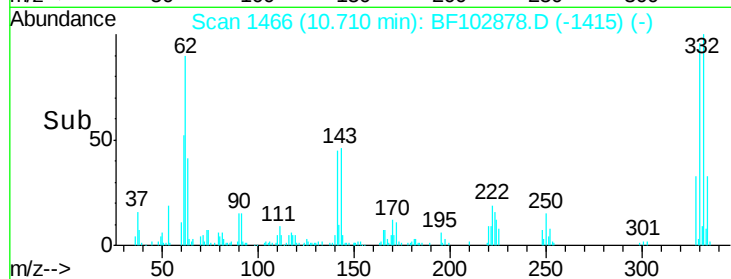
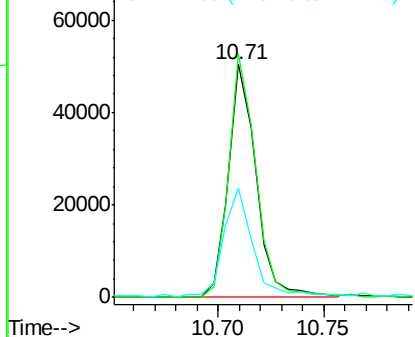
#41
 2,4,6-Tribromophenol
 Concen: 17.502 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102878.D
 Acq: 9 Feb 2018 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 46045
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 50.7 29.9 44.9#

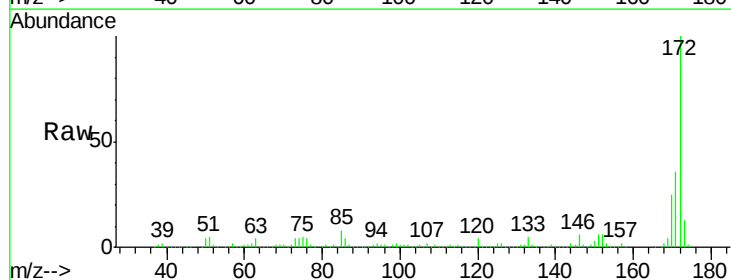


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

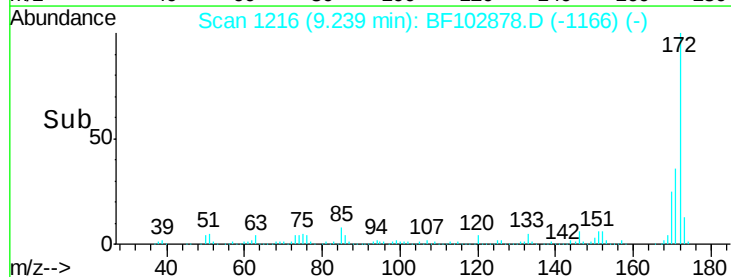
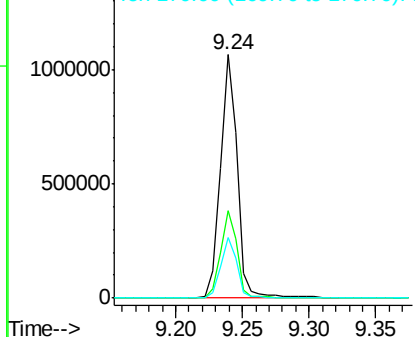


#44
 2-Fluorobiphenyl
 Concen: 48.527 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102878.D
 Acq: 9 Feb 2018 10:29

Tgt Ion:172 Resp: 955876
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.9 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

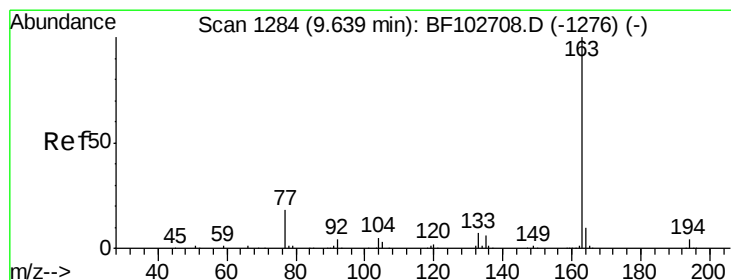
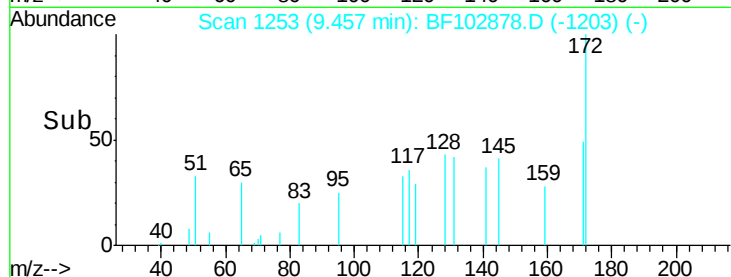
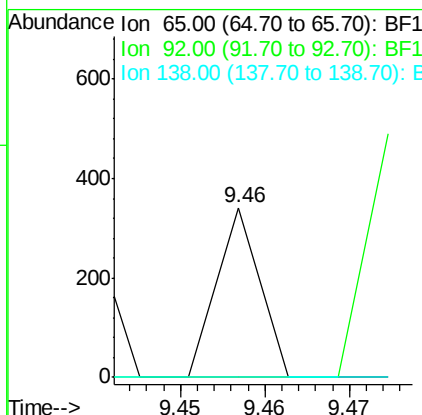
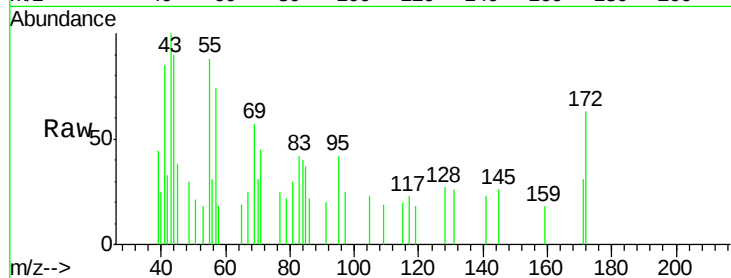




#47
2-Nitroaniline
Concen: 3.489 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF102878.D
Acq: 9 Feb 2018 10:29

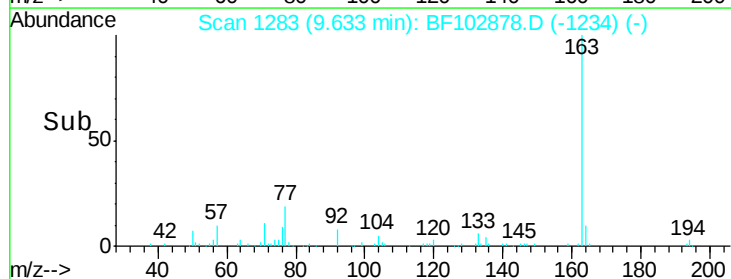
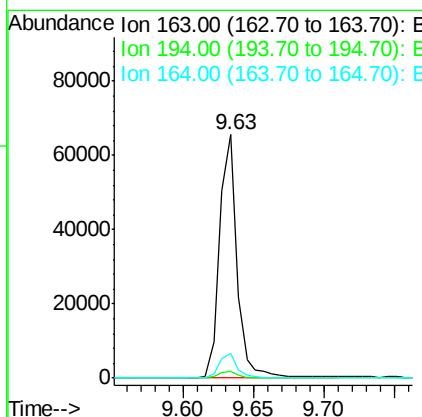
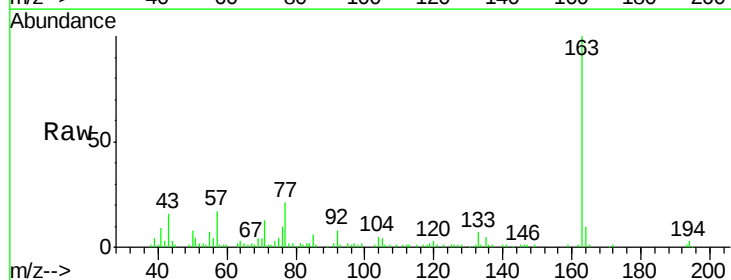
Instrument :
BNA_F
ClientSampleId :

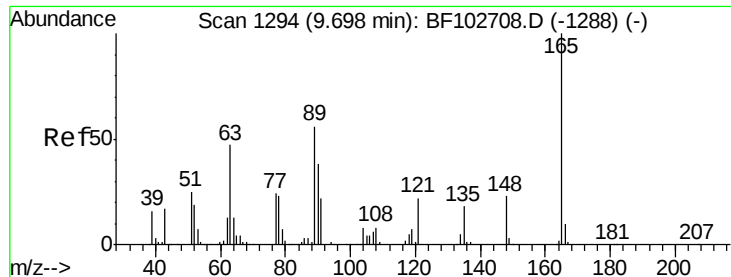
Tot Ion: 65 Resp: 120
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 2.251 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102878.D
Acq: 9 Feb 2018 10:29

Tgt Ion: 163 Resp: 57381
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.2 8.2 12.2

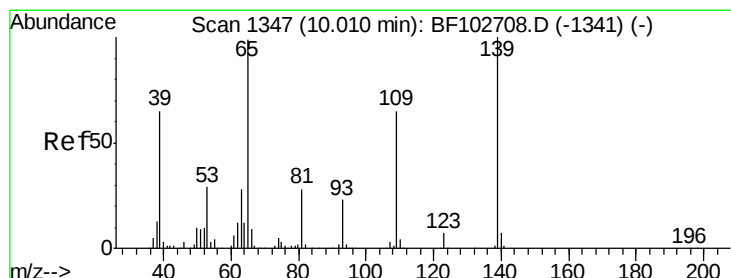
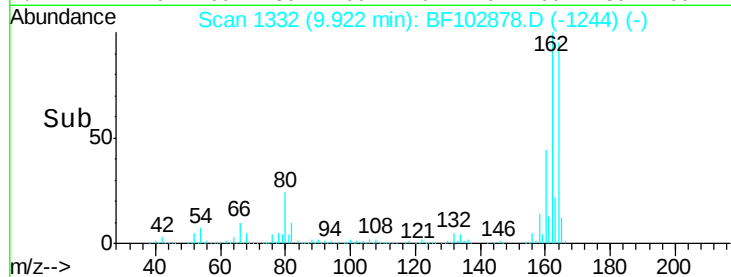
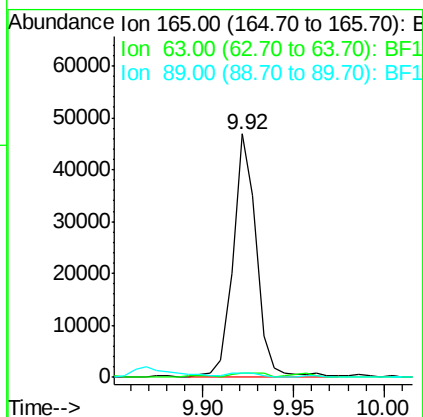
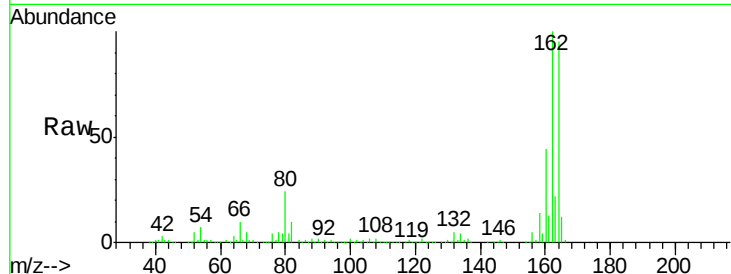




#50
 2,6-Dinitrotoluene
 Concen: 8.735 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF102878.D
 Acq: 9 Feb 2018 10:29

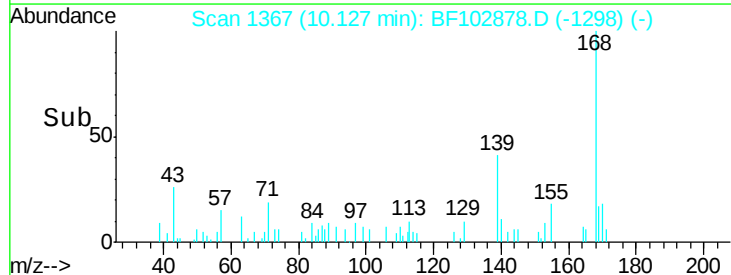
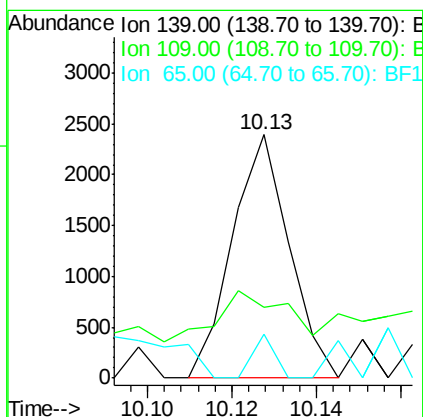
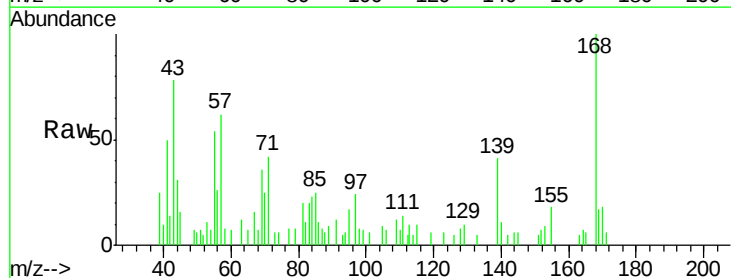
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.460 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.11 min
 Lab File: BF102878.D
 Acq: 9 Feb 2018 10:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.9	48.4	88.4#
65	18.1	72.6	112.6#

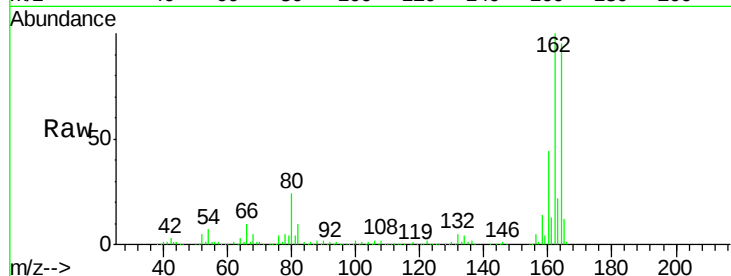




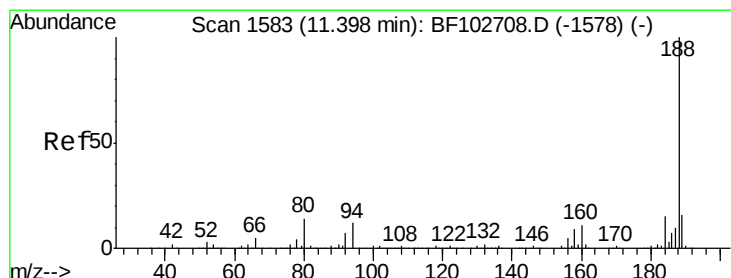
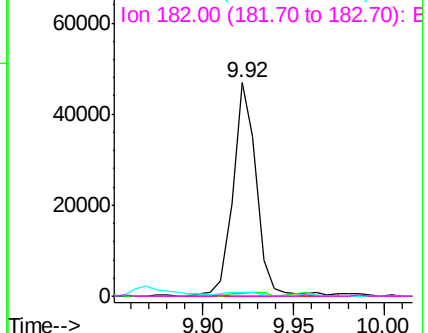
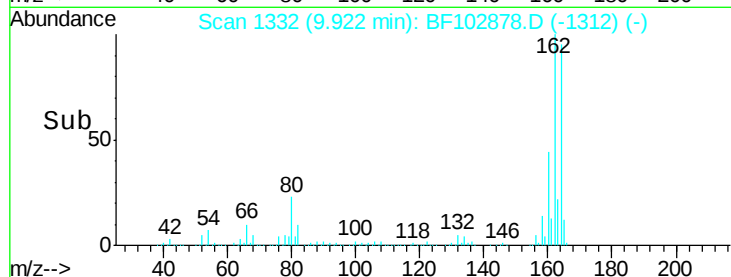
#56
 2,4-Dinitrotoluene
 Concen: 9.171 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.18 min
 Lab File: BF102878.D
 Acq: 9 Feb 2018 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 42354
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

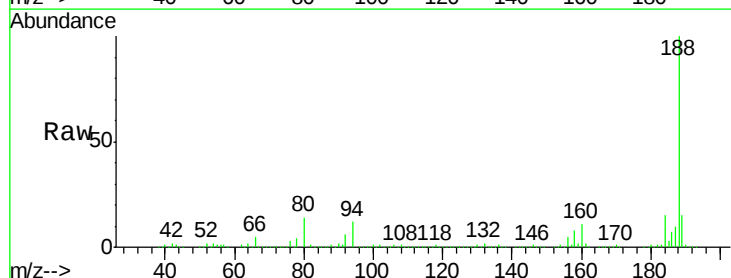


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

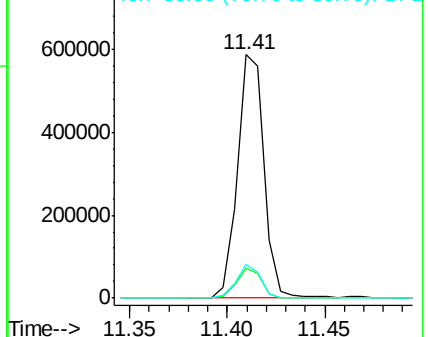
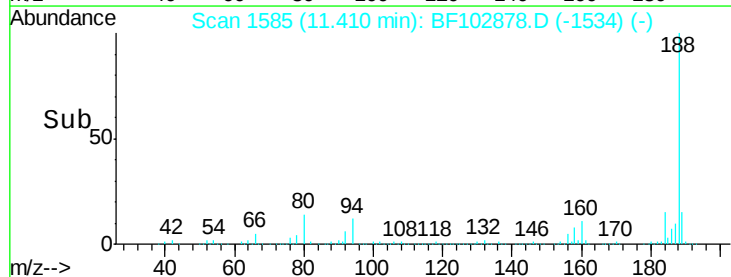


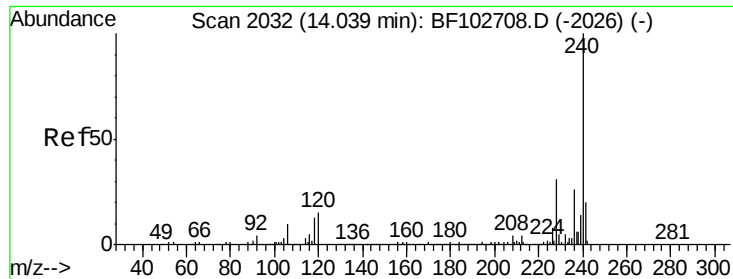
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102878.D
 Acq: 9 Feb 2018 10:29

Tgt Ion:188 Resp: 551633
 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102878.D

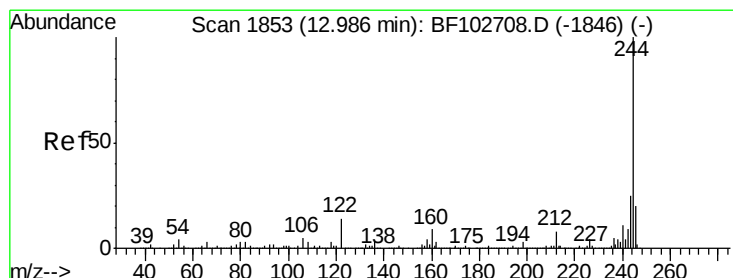
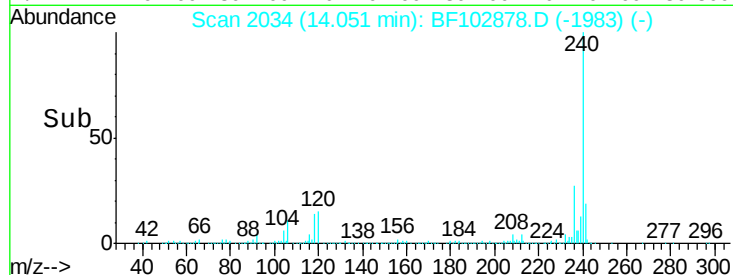
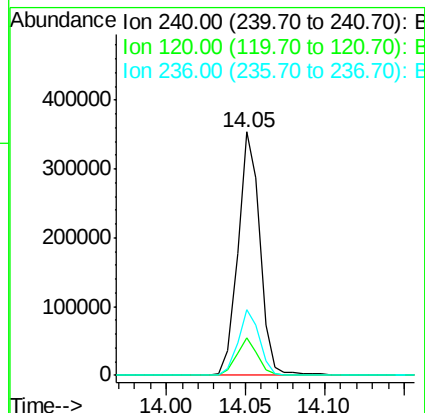
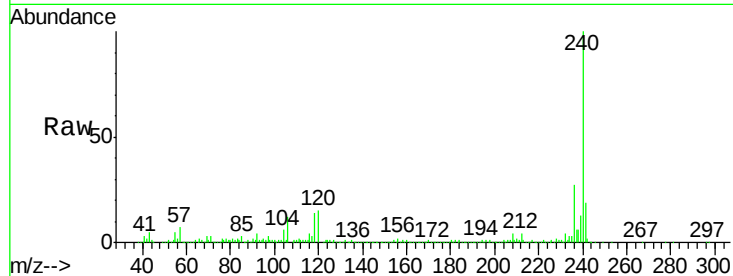
Acq: 9 Feb 2018 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	338275
Ion Ratio	Lower	Upper
240	100	
120	15.2	9.5 14.3#
236	27.2	20.7 31.1



#78

Terphenyl-d14

Concen: 53.217 ng

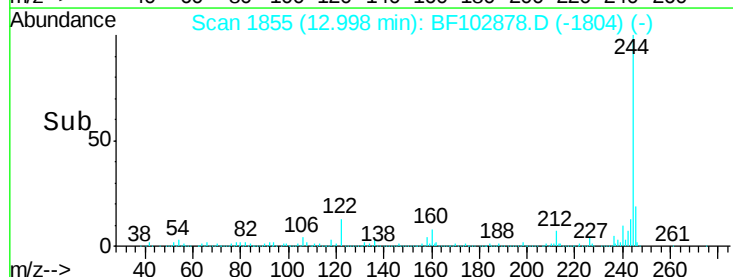
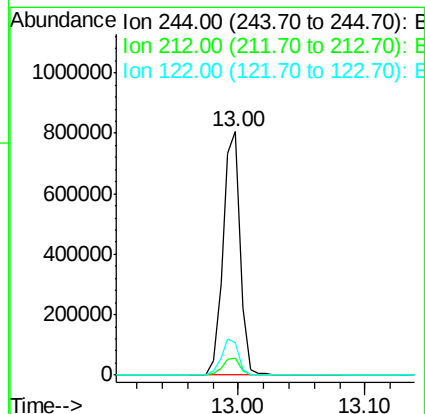
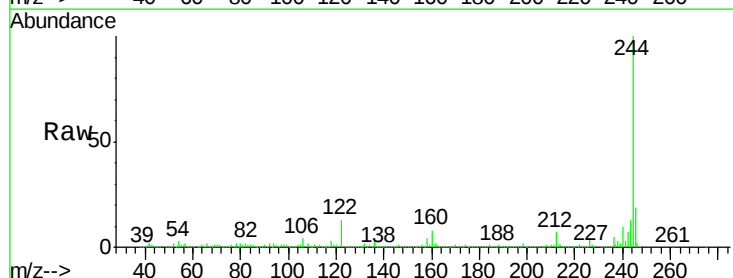
RT: 13.00 min Scan# 1855

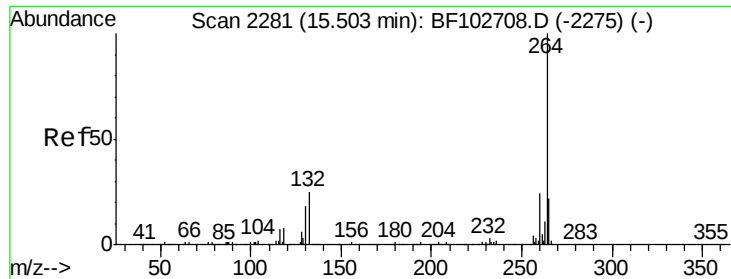
Delta R.T. -0.00 min

Lab File: BF102878.D

Acq: 9 Feb 2018 10:29

Tgt Ion:244	Resp:	760286
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.4 8.0
122	13.2	11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102878.D
Acq: 9 Feb 2018 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

