

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102872.D
 Acq On : 8 Feb 2018 23:24
 Operator : SJ/JU
 Sample : J1487-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:26:07 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

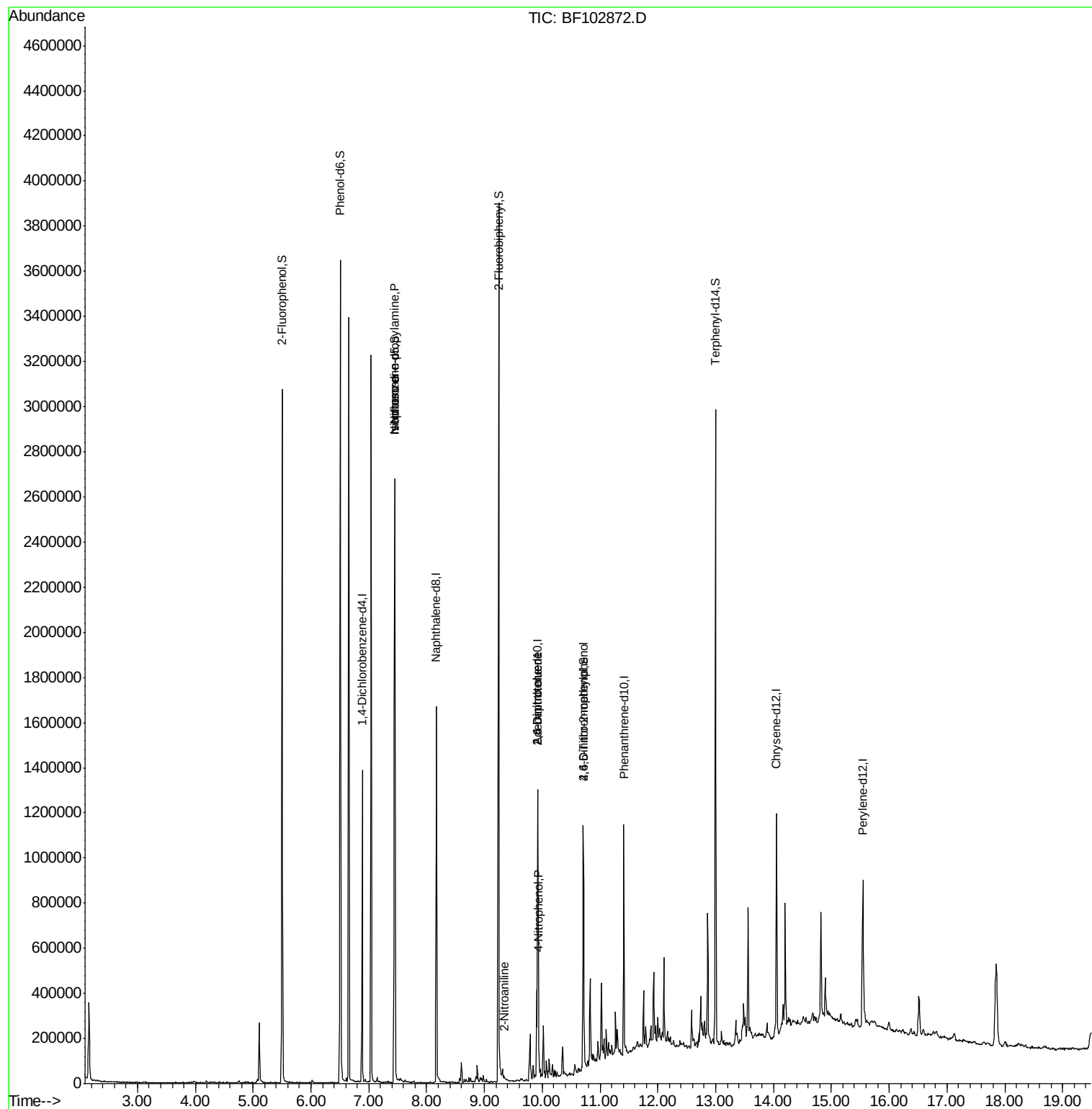
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	174741	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	687907	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	255353	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	356726	20.00	ng	0.00
75) Chrysene-d12	14.05	240	330269	20.00	ng	0.00
86) Perylene-d12	15.54	264	257805	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	790971	68.74	ng	0.01
7) Phenol-d6	6.51	99	1218800	87.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	863613	87.09	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	111457	54.23	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1310893	85.19	ng	0.00
78) Terphenyl-d14	13.00	244	887401	63.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	120020	13.14	ng	# 84
25) Isophorone	7.45	82	863605	37.82	ng	# 64
47) 2-Nitroaniline	9.35	65	110	3.49	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	32354	8.54	ng	# 26
55) 4-Nitrophenol	9.94	139	134	4.06	ng	# 55
56) 2,4-Dinitrotoluene	9.92	165	32500	9.06	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	249	8.95	ng	# 1

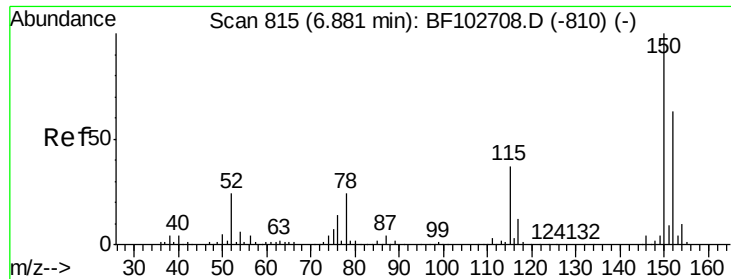
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
Data File : BF102872.D
Acq On : 8 Feb 2018 23:24
Operator : SJ/JU
Sample : J1487-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 09 00:26:07 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



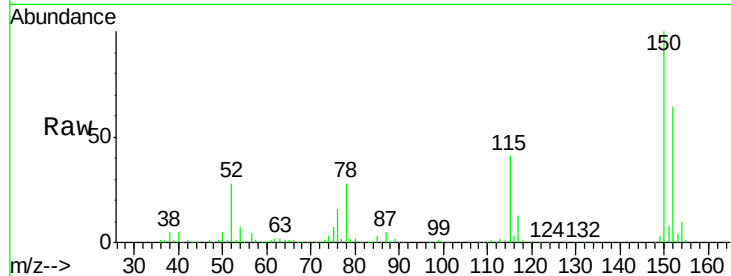


#1

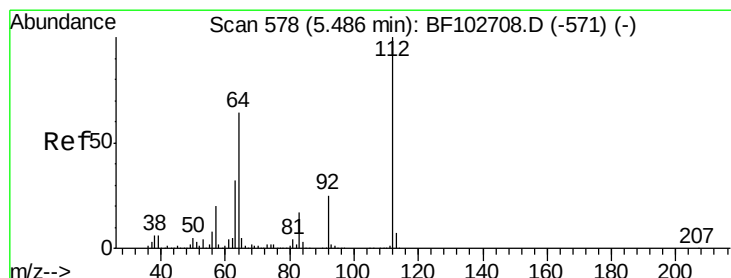
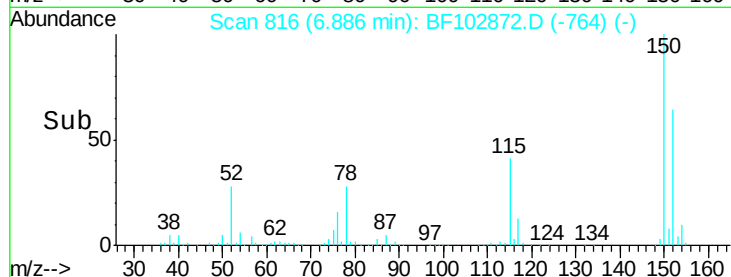
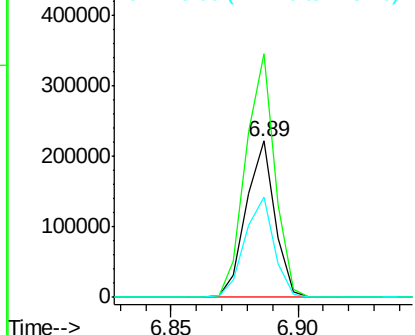
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174741
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 64.5 50.1 75.1



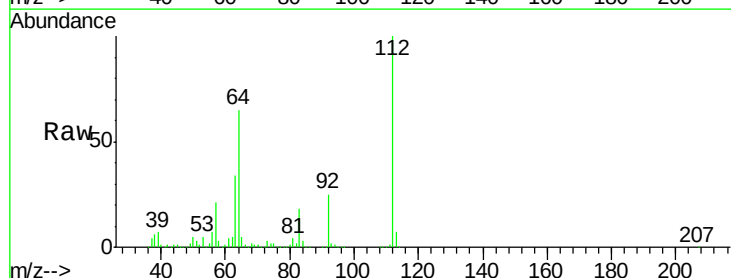
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



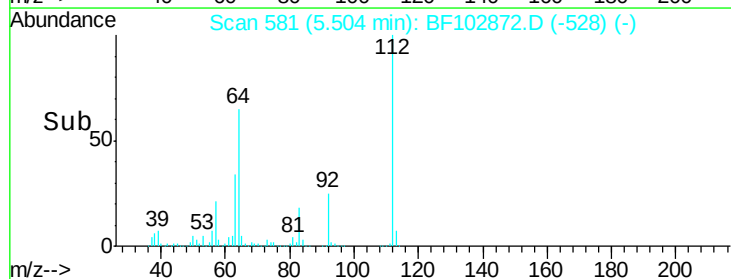
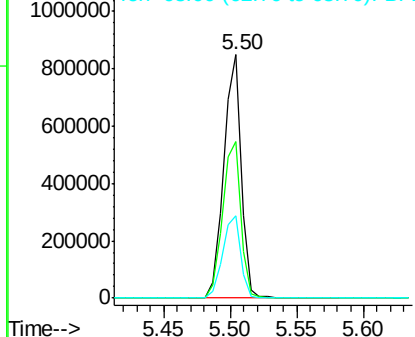
#5

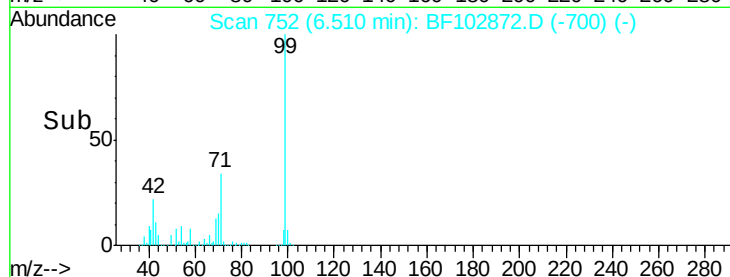
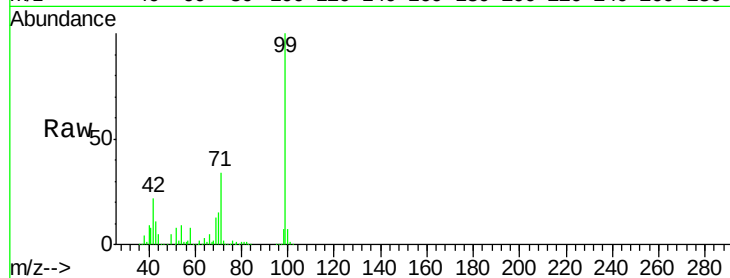
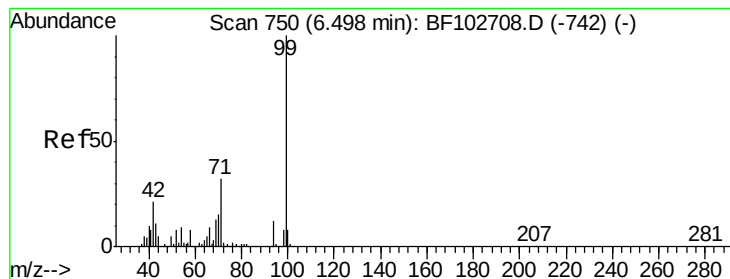
2-Fluorophenol
Concen: 68.74 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:112 Resp: 790971
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 33.6 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: 87.97 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102872.D

Acq: 8 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

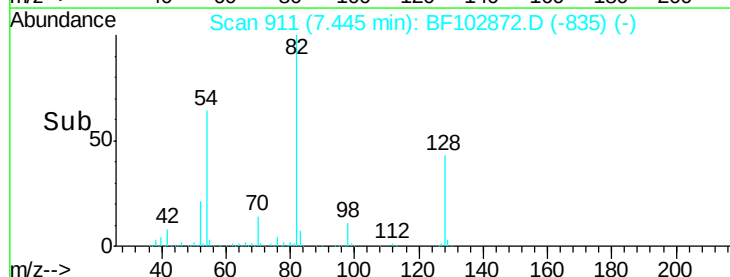
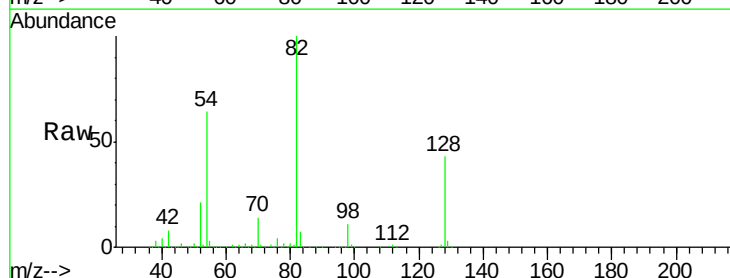
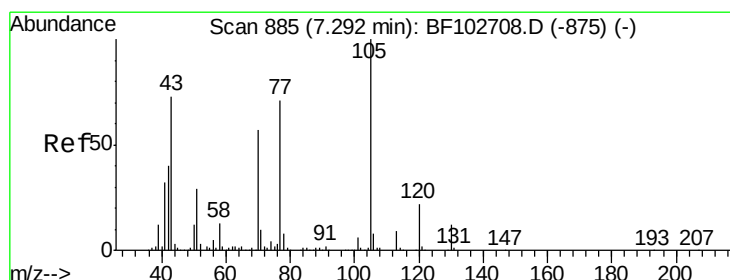
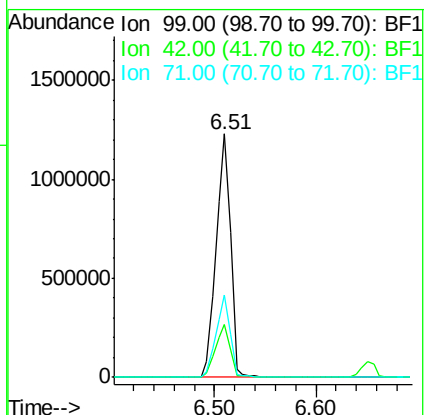
Tot Ion: 99 Resp: 1218800

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.14 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102872.D

Acq: 8 Feb 2018 23:24

Tgt Ion: 70 Resp: 120020

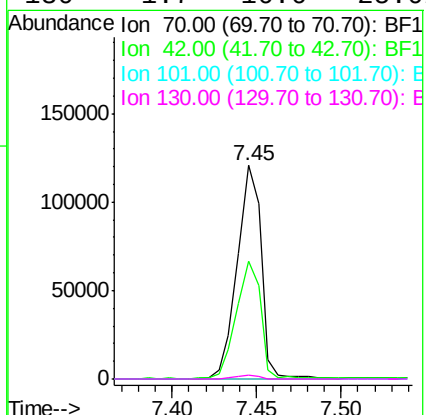
Ion Ratio Lower Upper

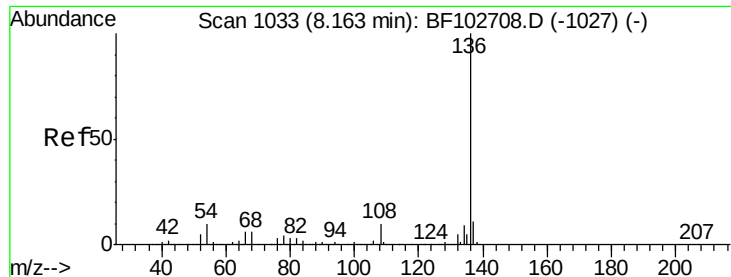
70 100

42 55.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

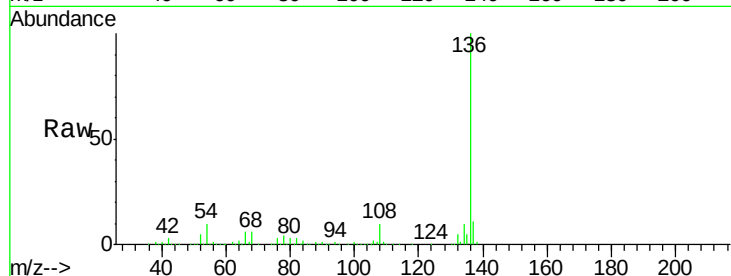




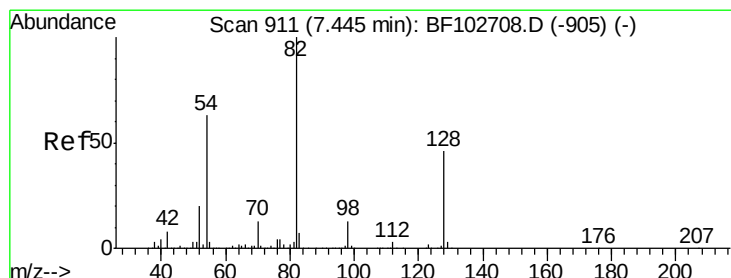
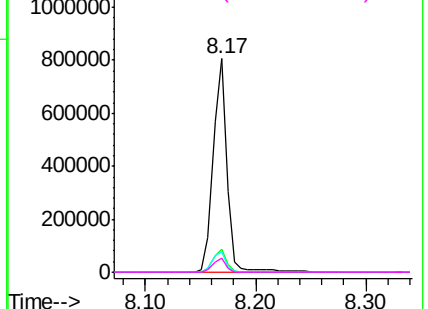
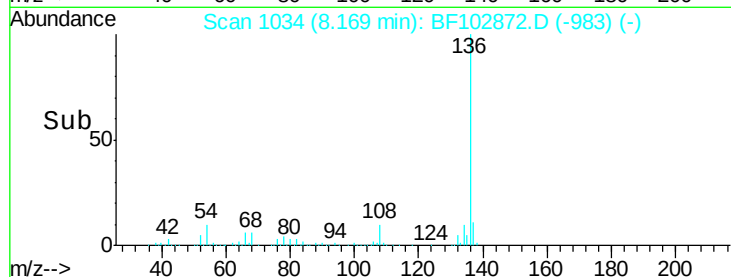
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 687907
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 9.6	6.6 9.8
68 6.4	5.0 7.4

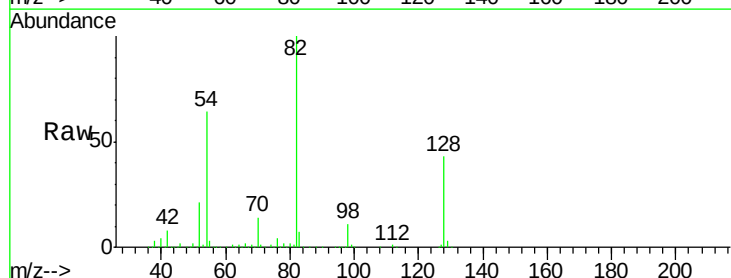


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

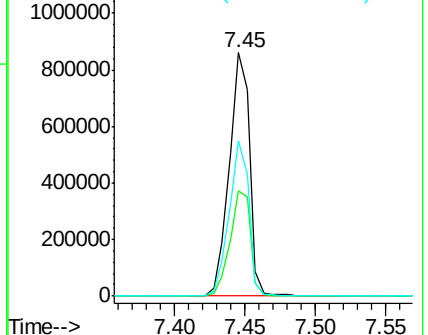
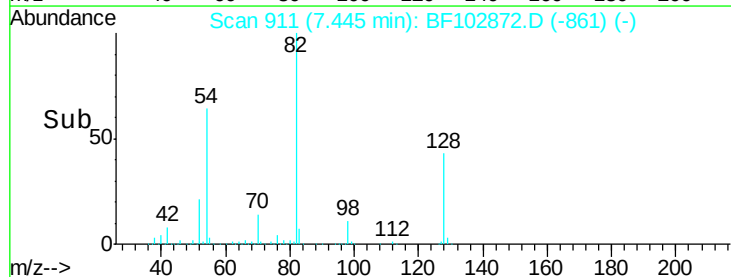


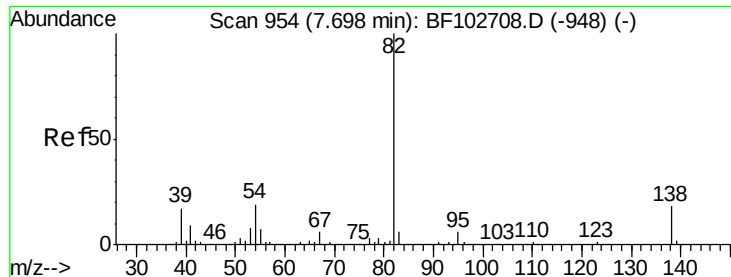
#23
Nitrobenzene-d5
Concen: 87.09 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt	Ion: 82	Resp:	863613
Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	63.8	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: 37.82 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102872.D

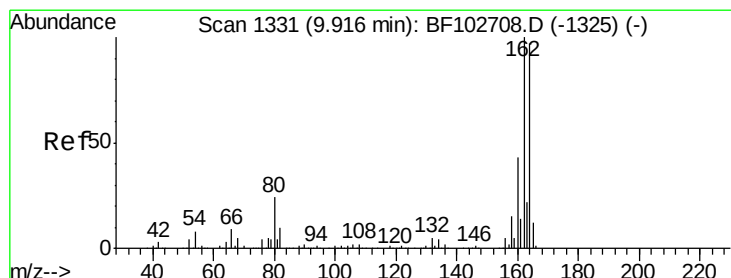
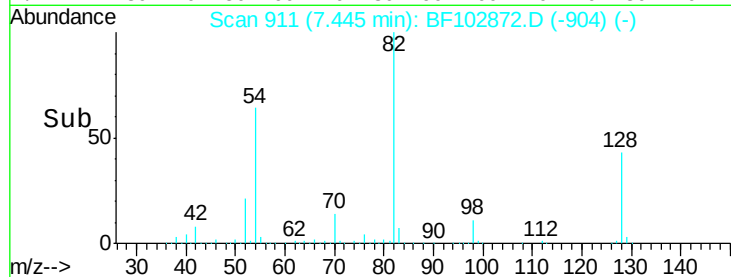
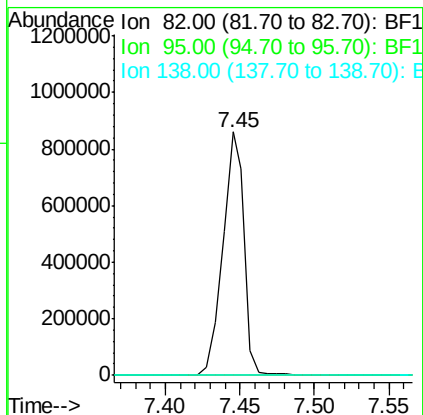
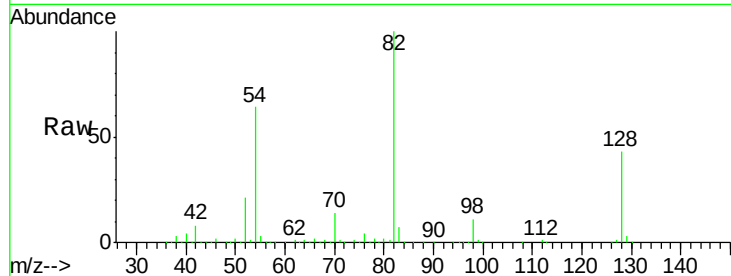
Acq: 8 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleID :

Tot Ion:	82	Resp:	863605
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

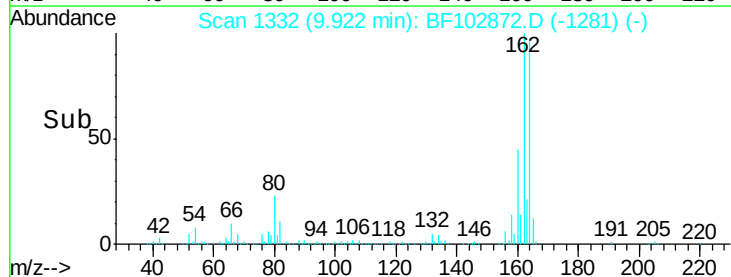
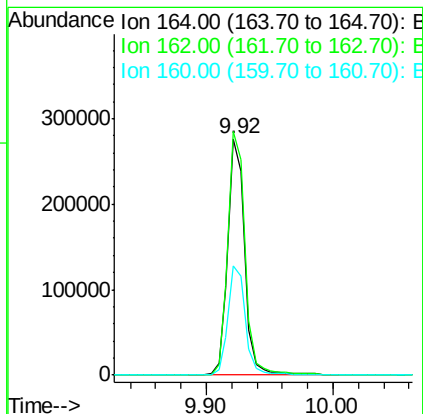
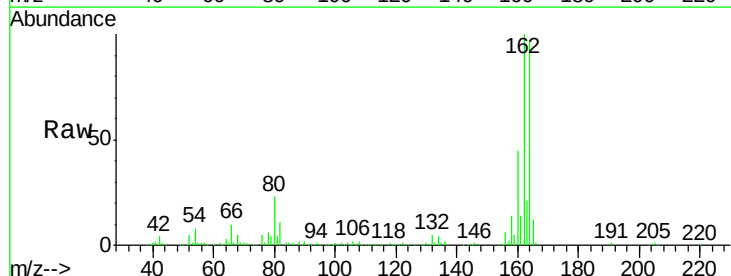
RT: 9.92 min Scan# 1332

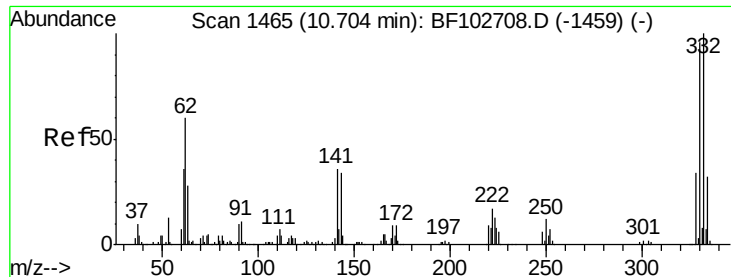
Delta R.T. -0.00 min

Lab File: BF102872.D

Acq: 8 Feb 2018 23:24

Tgt Ion:	164	Resp:	255353
Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 54.23 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF102872.D

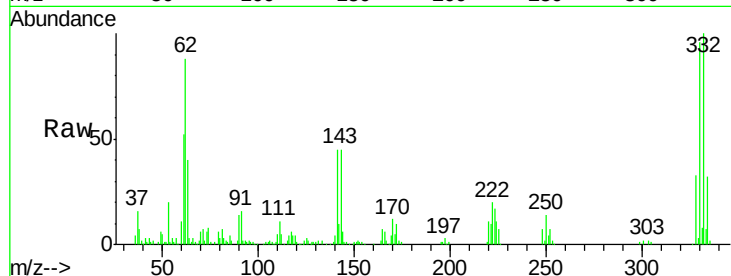
Acq: 8 Feb 2018 23:24

Instrument :

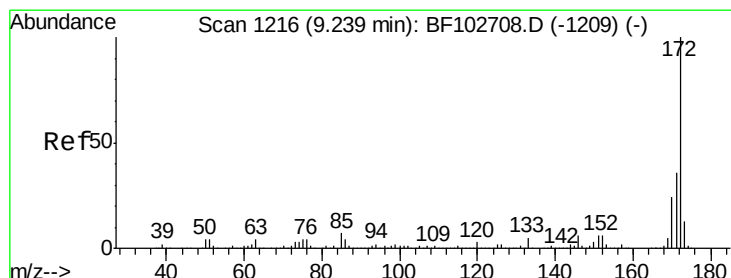
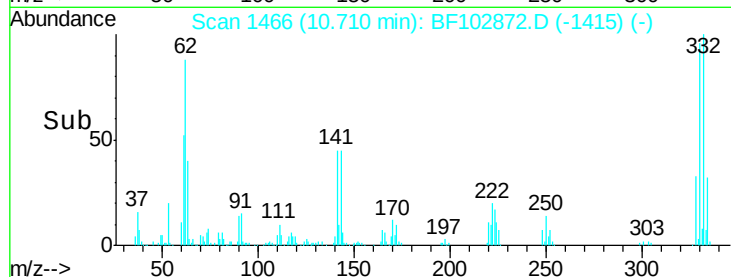
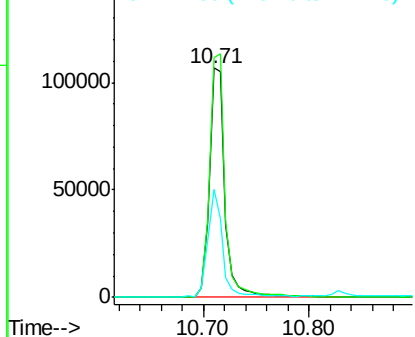
BNA_F

ClientSampled :

Tot Ion:	330	Resp:	111457
Ion	Ratio	Lower	Upper
330	100		
332	105.3	77.0	115.6
141	44.2	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: 85.19 ng

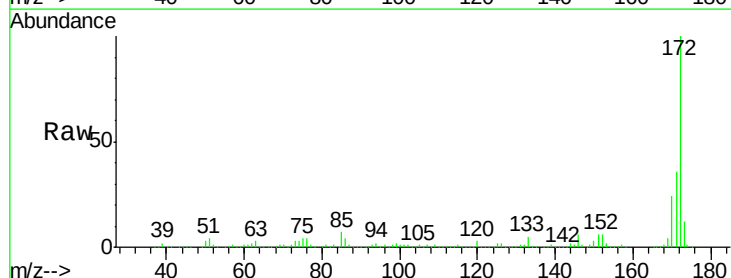
RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

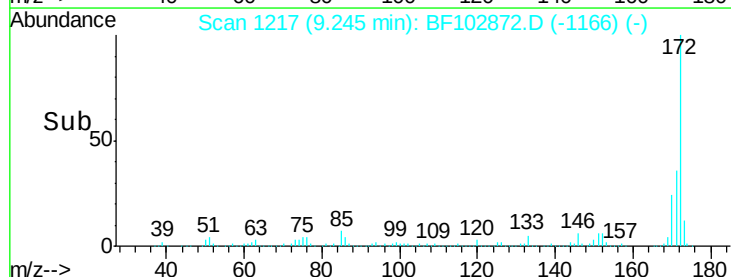
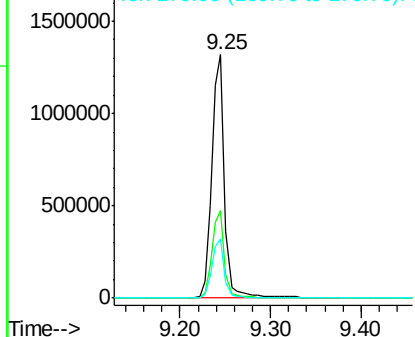
Lab File: BF102872.D

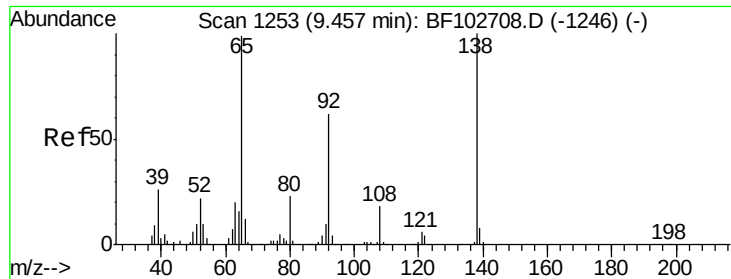
Acq: 8 Feb 2018 23:24

Tgt Ion:	172	Resp:	1310893
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	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# 1234

Delta R.T. -0.12 min

Lab File: BF102872.D

Acq: 8 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

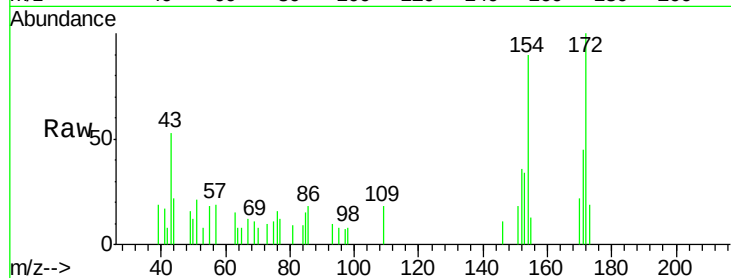
Tot Ion: 65 Resp: 110

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

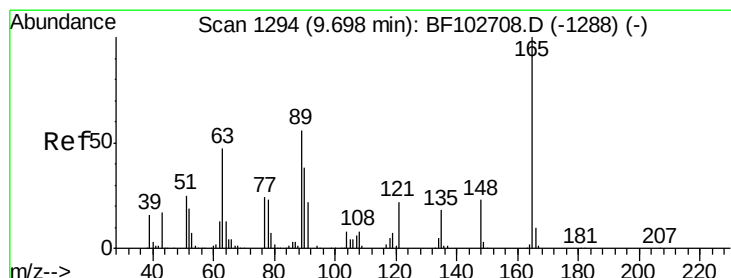
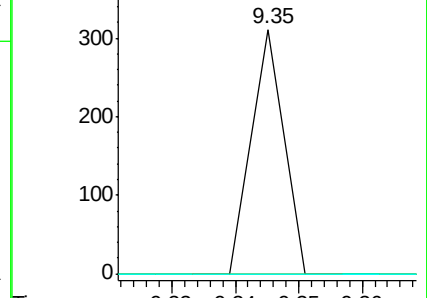
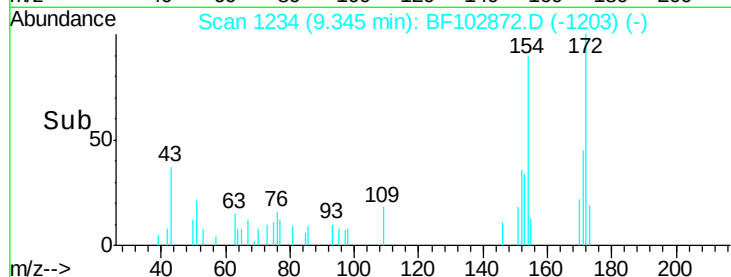
138 0.0 91.2 136.8#



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): BF1



#50

2,6-Dinitrotoluene

Concen: 8.54 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102872.D

Acq: 8 Feb 2018 23:24

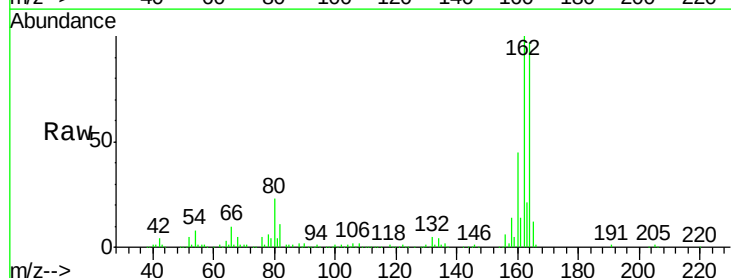
Tgt Ion:165 Resp: 32354

Ion Ratio Lower Upper

165 100

63 1.9 44.7 67.1#

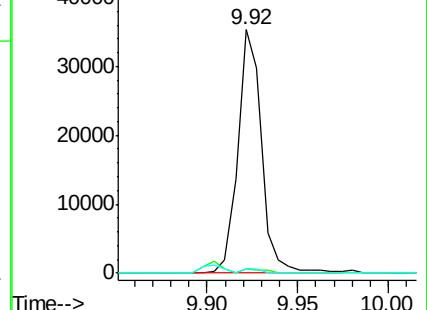
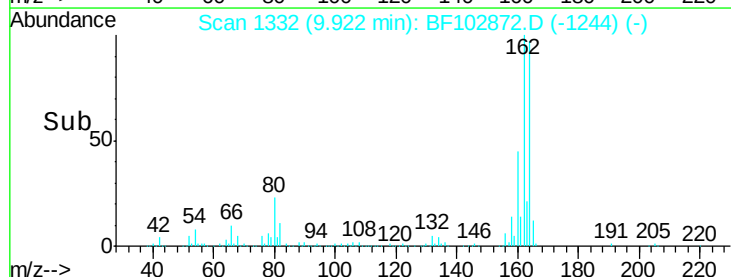
89 1.7 44.0 66.0#

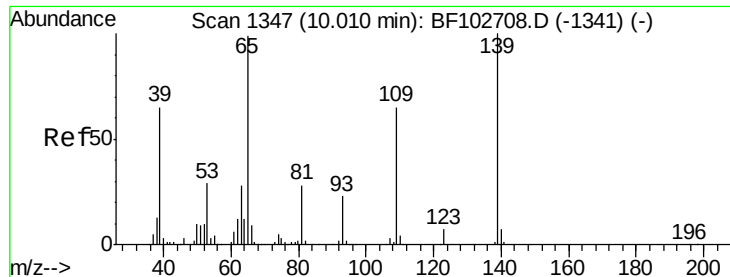


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

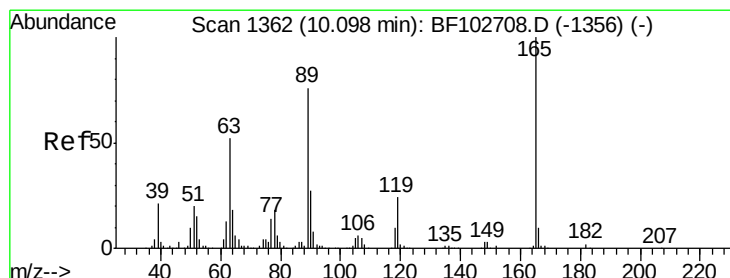
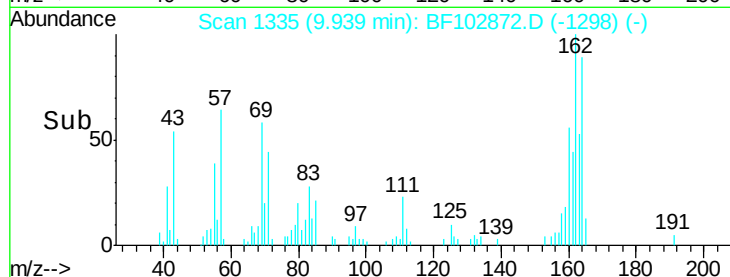
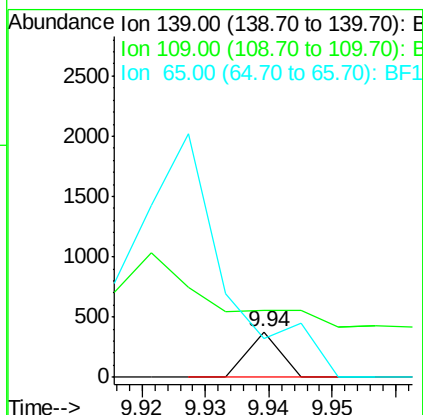
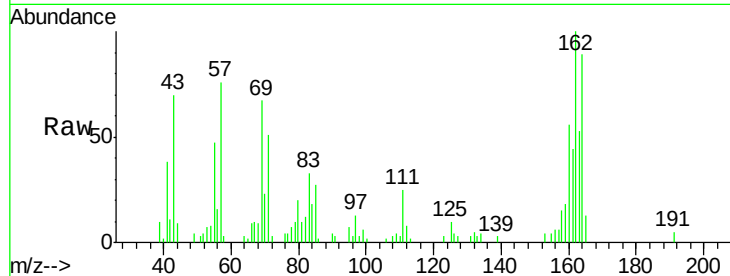




#55
4-Nitrophenol
Concen: 4.06 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.08 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

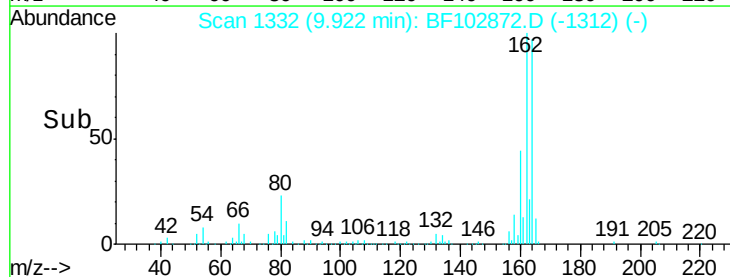
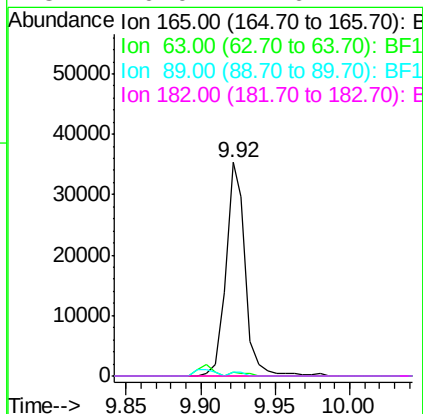
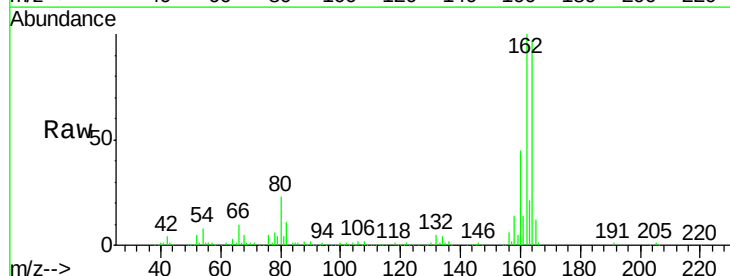
Instrument :
BNA_F
ClientSampled :

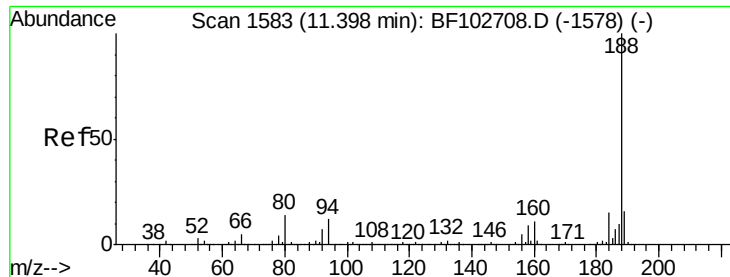
Tot Ion:139 Resp: 134
Ion Ratio Lower Upper
139 100
109 146.4 48.4 88.4#
65 85.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 9.06 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:165 Resp: 32500
Ion Ratio Lower Upper
165 100
63 1.9 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

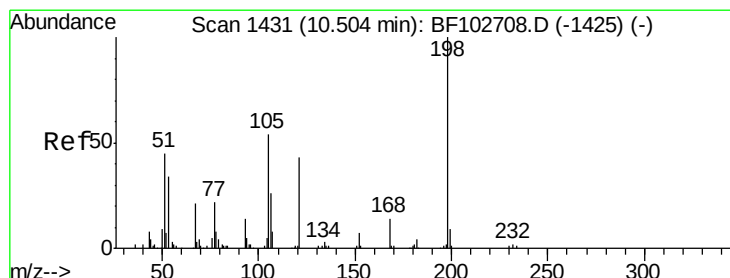
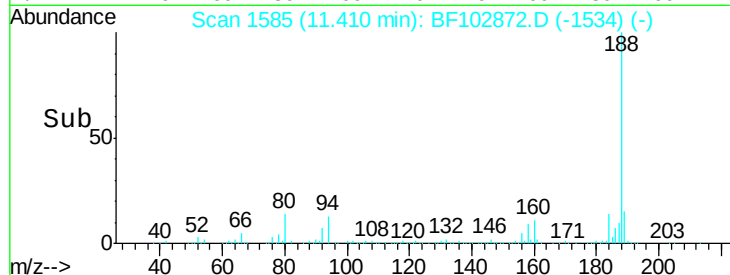
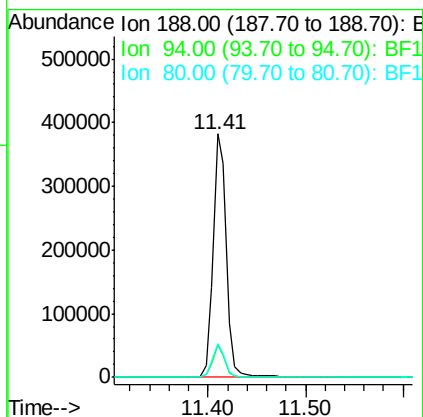
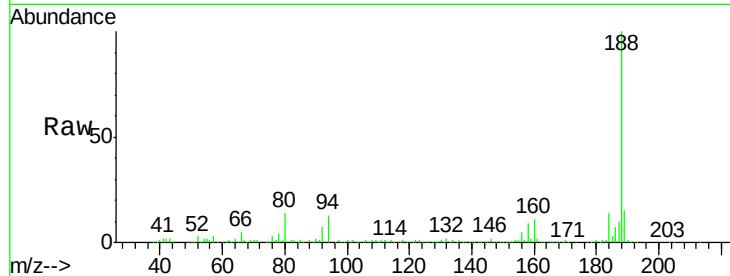




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

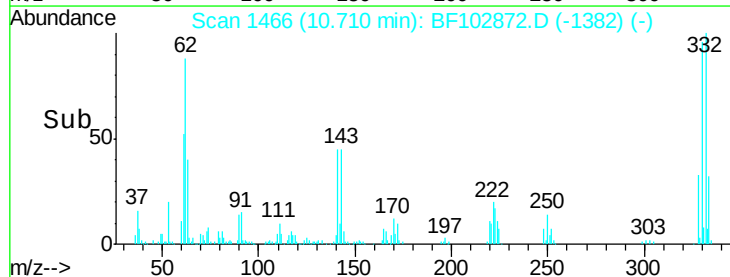
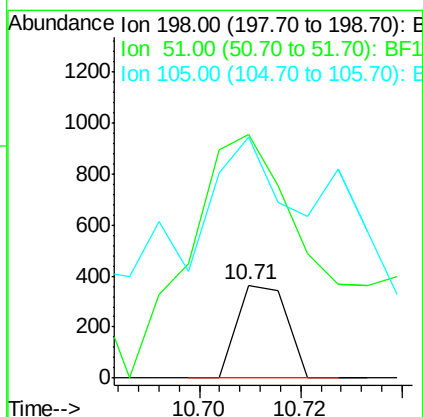
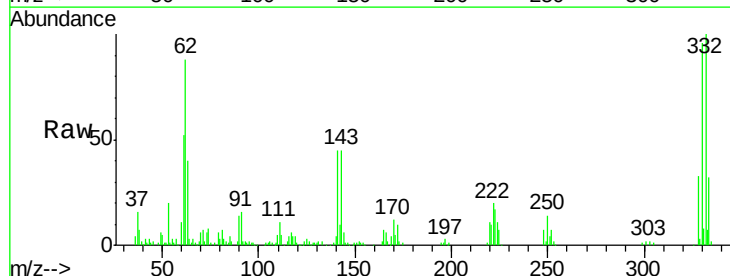
Instrument :
BNA_F
ClientSampled :

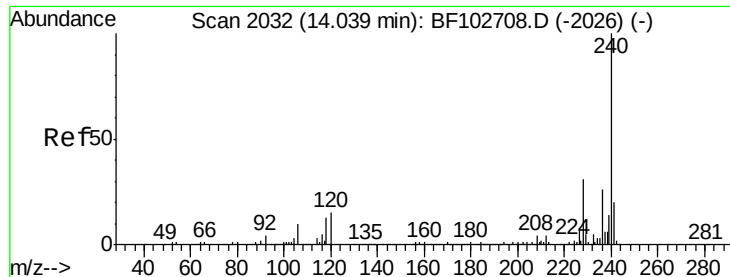
Tot Ion:188 Resp: 356726
Ion Ratio Lower Upper
188 100
94 13.2 8.5 12.7#
80 14.1 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.95 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:198 Resp: 249
Ion Ratio Lower Upper
198 100
51 263.1 37.7 77.7#
105 260.9 36.3 76.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102872.D

Acq: 8 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

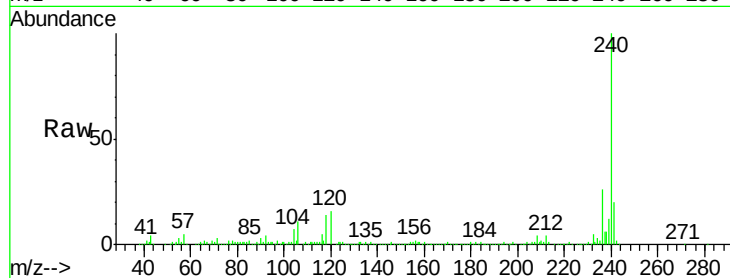
Tot Ion:240 Resp: 330269

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

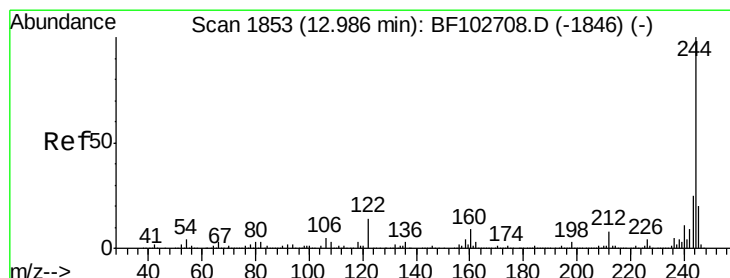
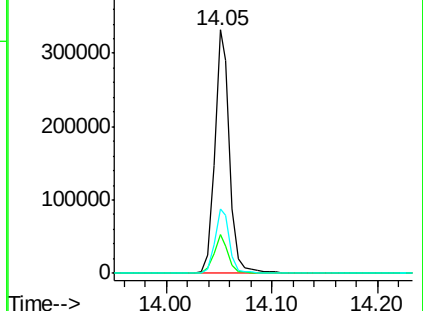
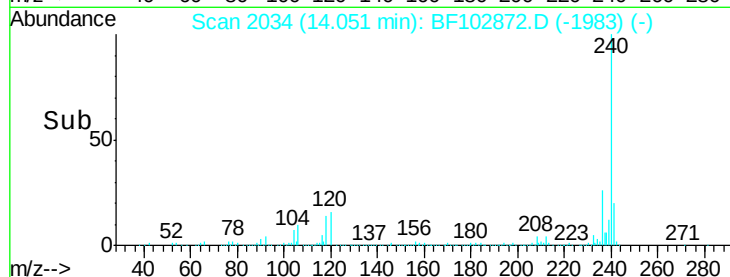
236 26.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 63.62 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102872.D

Acq: 8 Feb 2018 23:24

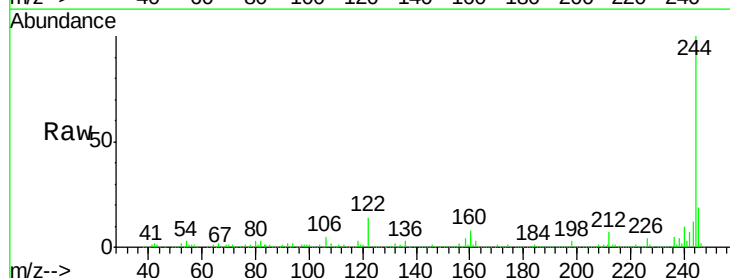
Tgt Ion:244 Resp: 887401

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

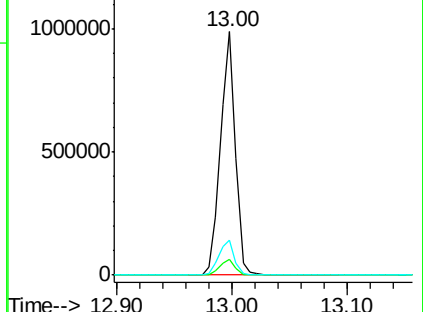
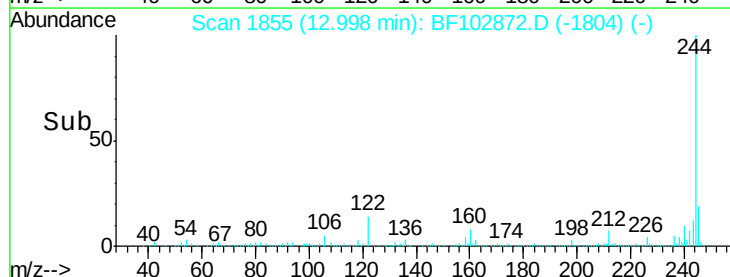
122 14.3 11.0 16.4

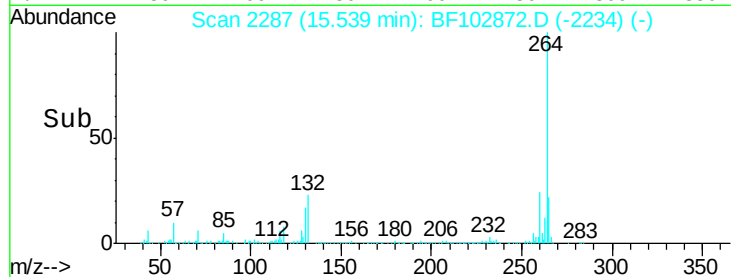
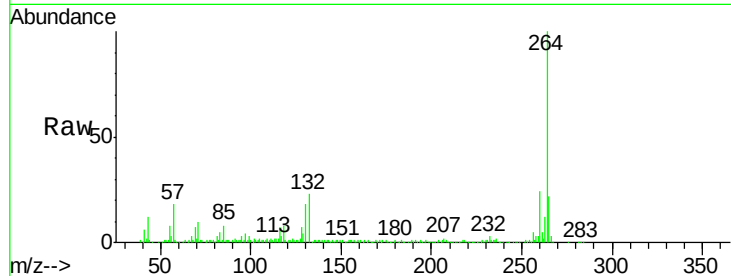
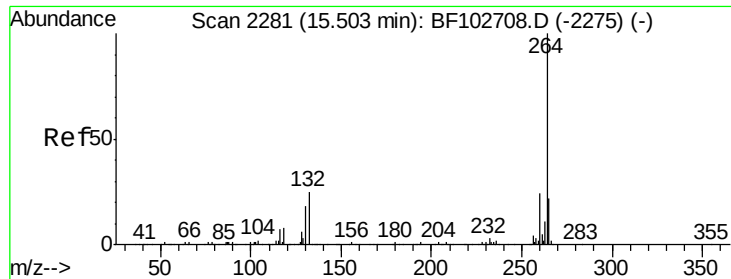


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3

