

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102957.D
 Acq On : 13 Feb 2018 13:15
 Operator : SJ/JU
 Sample : J1527-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:04:56 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

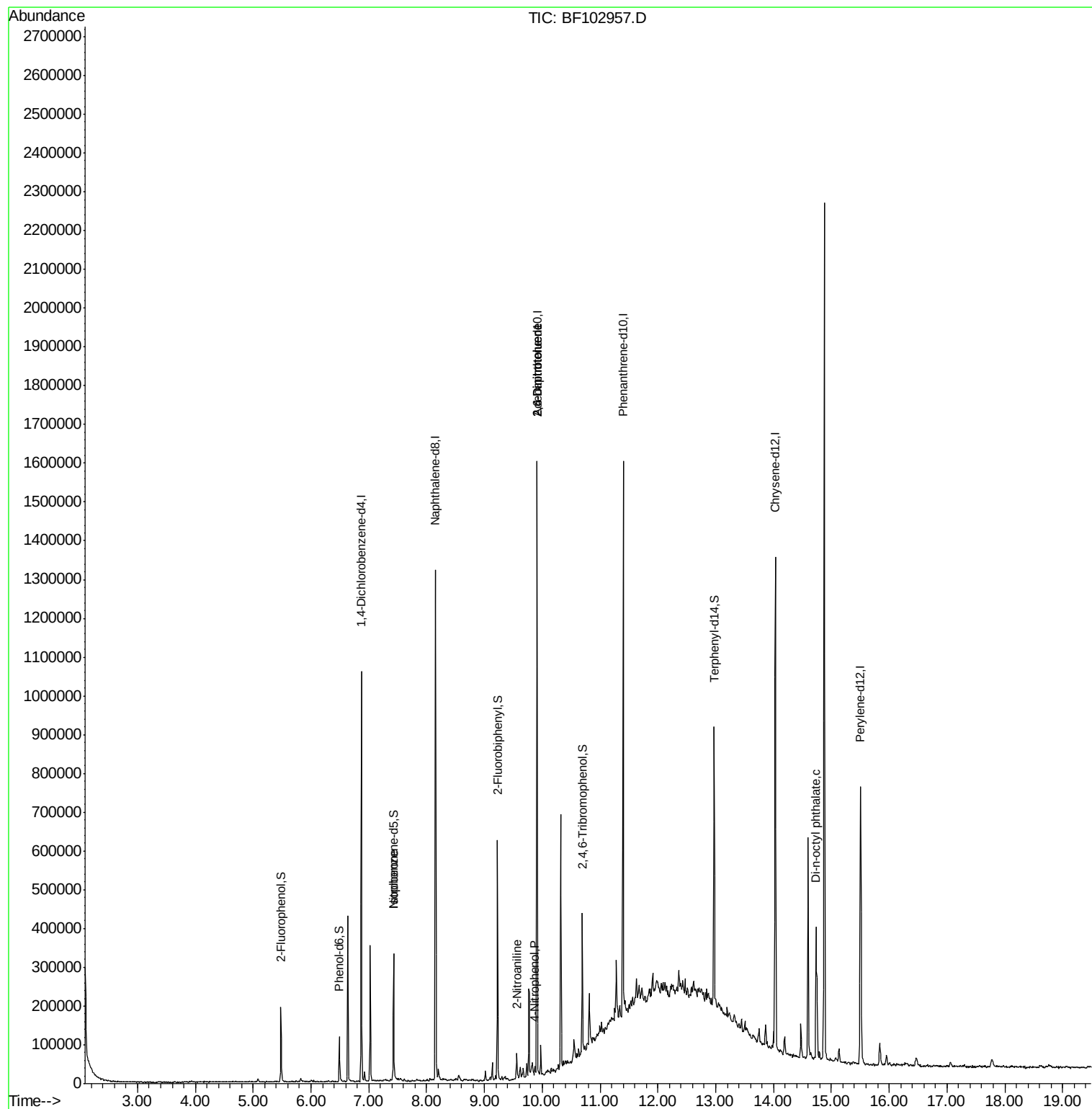
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138931	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	608644	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	284494	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	514164	20.00	ng	0.00
75) Chrysene-d12	14.03	240	395397	20.00	ng	0.00
86) Perylene-d12	15.51	264	325218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	52391	5.73	ng	0.00
7) Phenol-d6	6.49	99	41654	3.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	92987	10.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	33770	14.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	188779	11.01	ng	-0.01
78) Terphenyl-d14	12.97	244	195421	11.70	ng	-0.01
Target Compounds						
24) Nitrobenzene	7.43	77	278	Below Cal	#	38
25) Isophorone	7.43	82	92986	4.60	ng	# 64
47) 2-Nitroaniline	9.56	65	1196	3.66	ng	# 27
50) 2,6-Dinitrotoluene	9.91	165	36683	8.69	ng	# 26
55) 4-Nitrophenol	9.88	139	115	4.05	ng	# 1
56) 2,4-Dinitrotoluene	9.91	165	36683	9.14	ng	# 23
84) Di-n-octyl phthalate	14.74	149	102878	3.61	ng	# 28

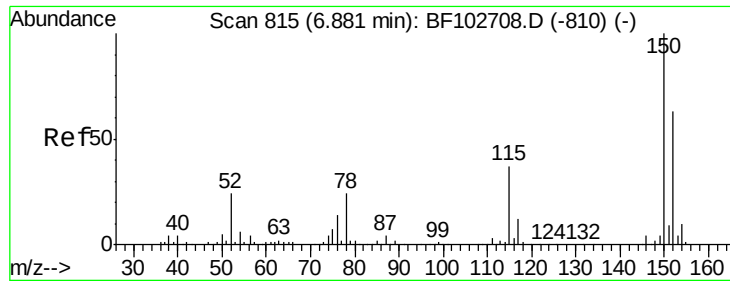
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102957.D
Acq On : 13 Feb 2018 13:15
Operator : SJ/JU
Sample : J1527-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 00:04:56 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



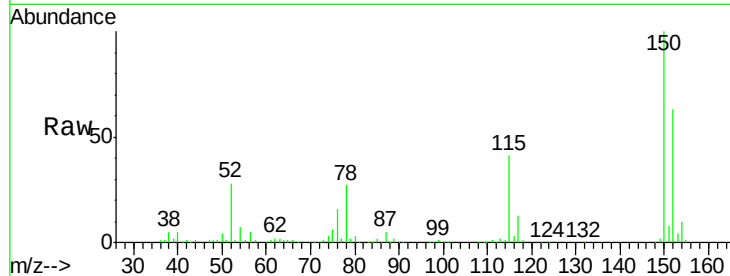


#1

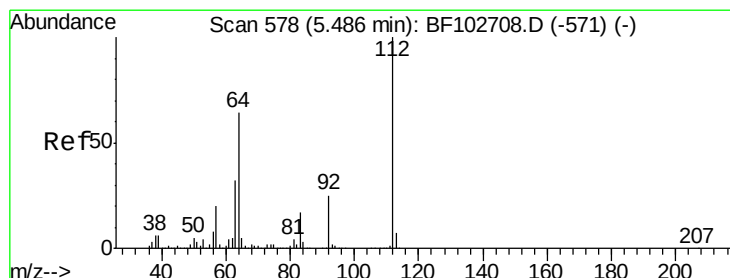
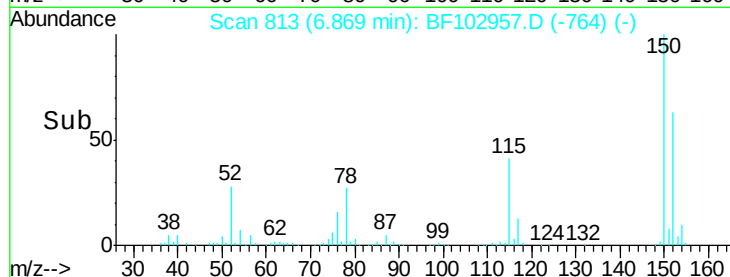
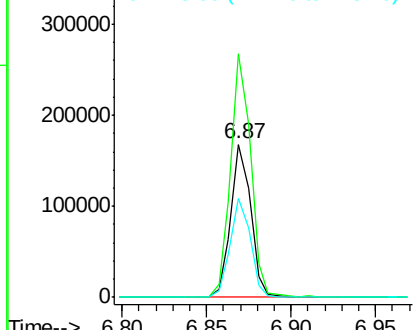
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138931
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 65.0 50.1 75.1



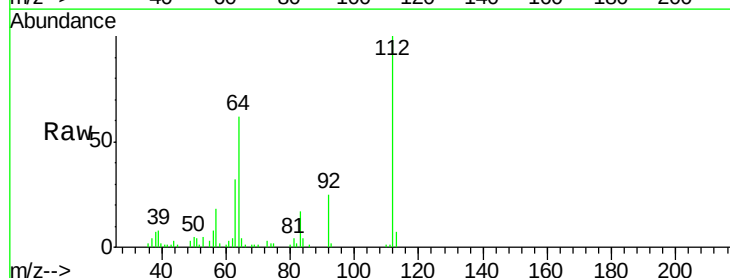
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



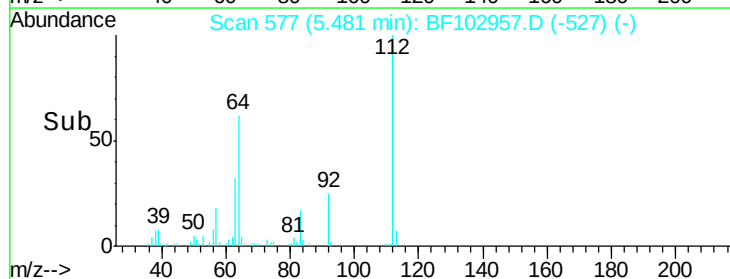
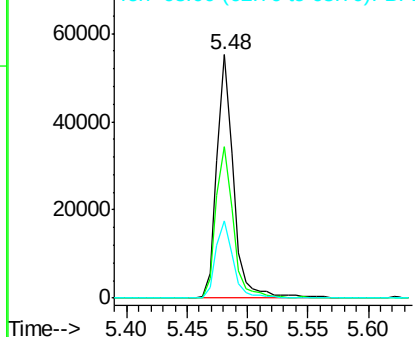
#5

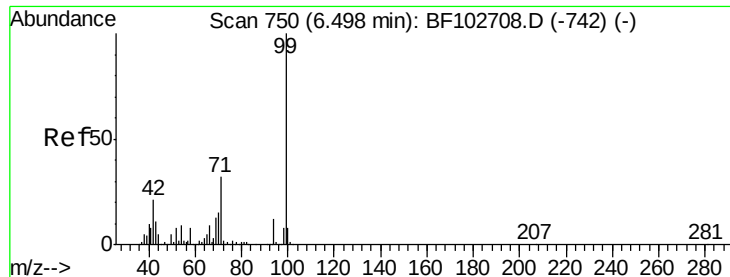
2-Fluorophenol
Concen: 5.73 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

Tgt Ion:112 Resp: 52391
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 31.8 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: 3.78 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Instrument :

BNA_F

ClientSampled :

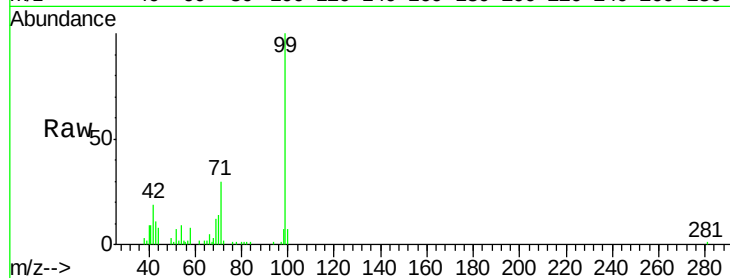
Tot Ion: 99 Resp: 41654

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

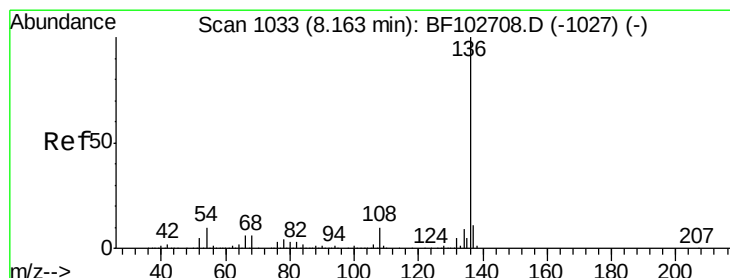
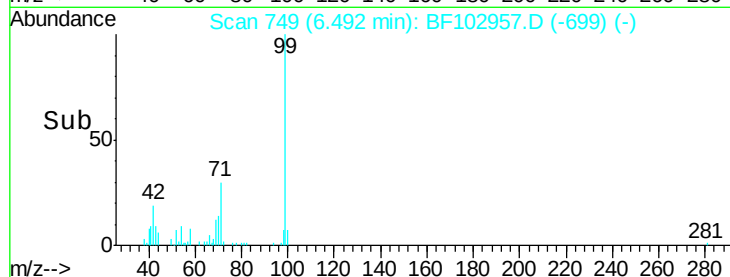
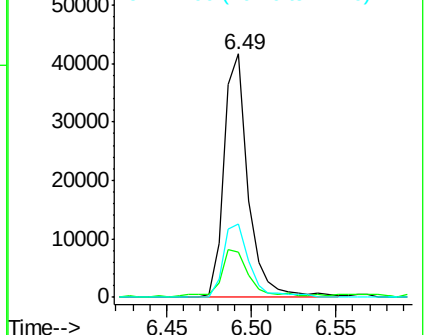
71 30.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Tgt Ion: 136 Resp: 608644

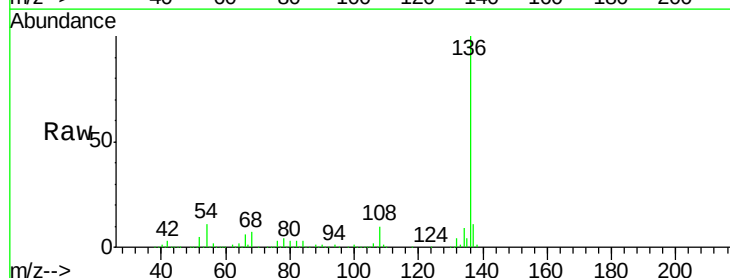
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.5 6.6 9.8#

68 7.0 5.0 7.4

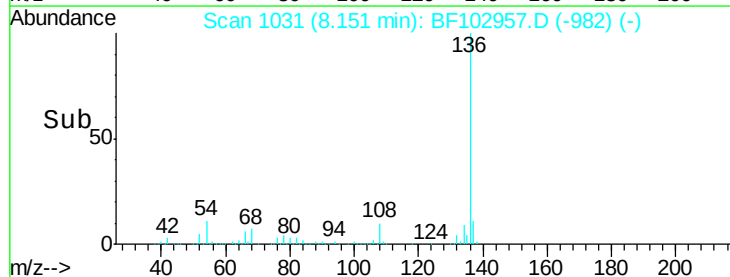
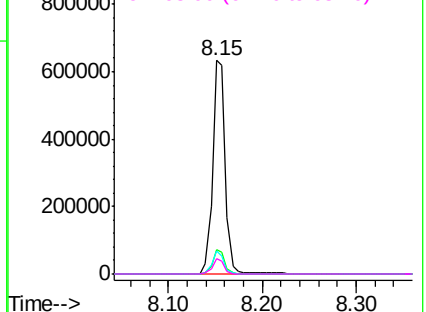


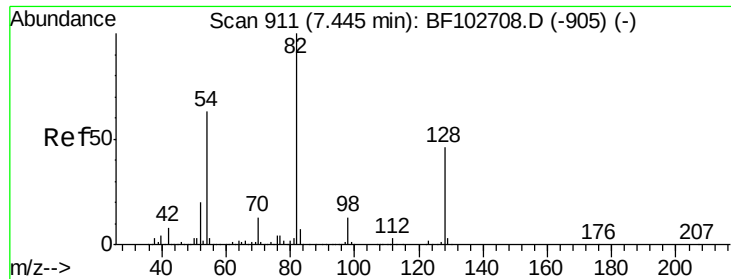
Abundance Ion 136.00 (135.70 to 136.70): E

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

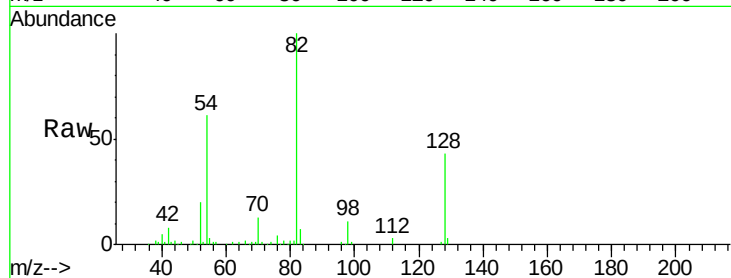




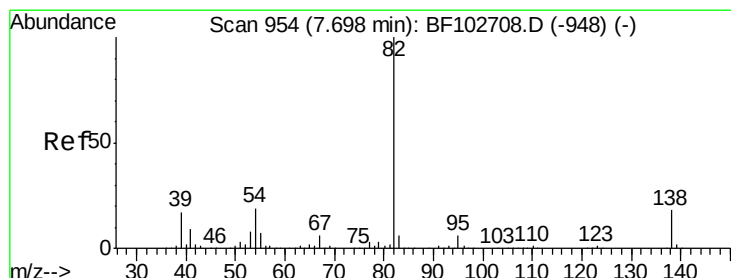
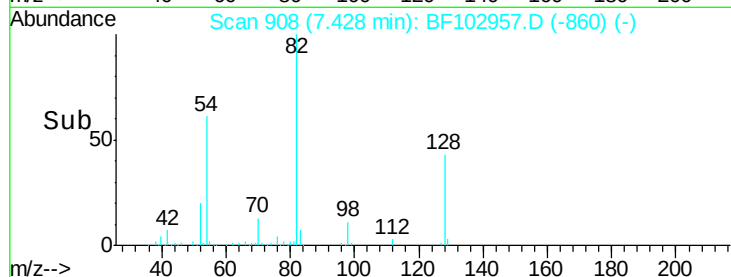
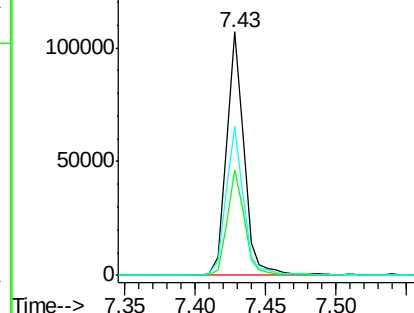
#23
 Nitrobenzene-d5
 Concen: 10.60 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	92987
Ion Ratio	Lower	Upper	
82	100		
128	43.4	36.1	54.1
54	61.0	41.4	62.2

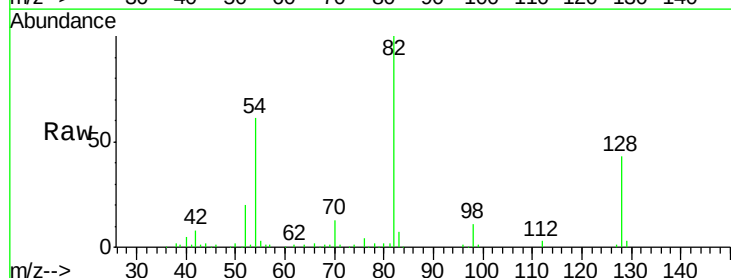


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

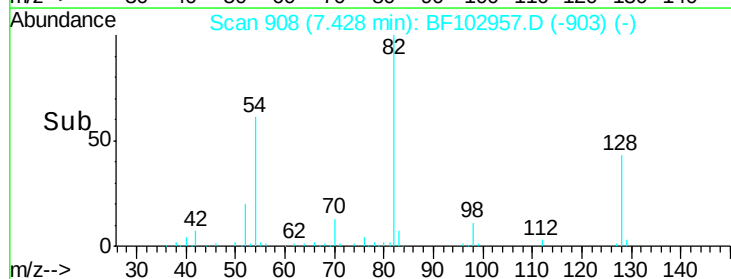
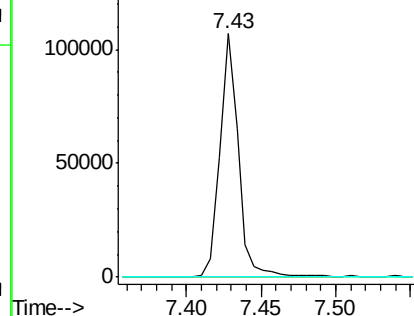


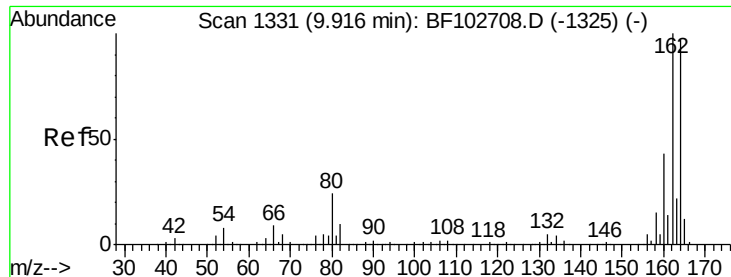
#25
 Isophorone
 Concen: 4.60 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.27 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

Tgt Ion	82	Resp	92986
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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Instrument :

BNA_F

ClientSampled :

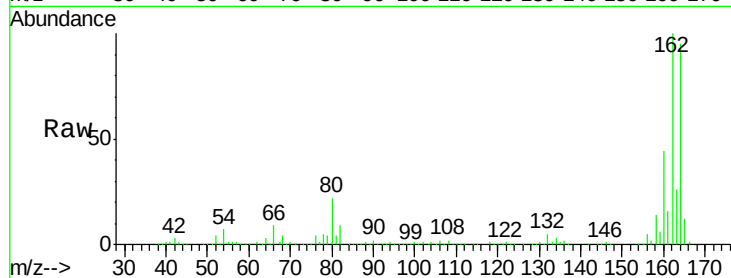
Tot Ion:164 Resp: 284494

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

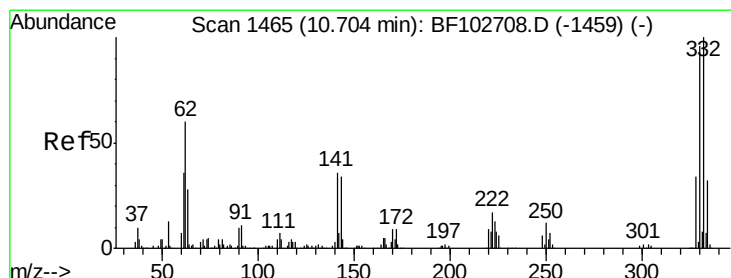
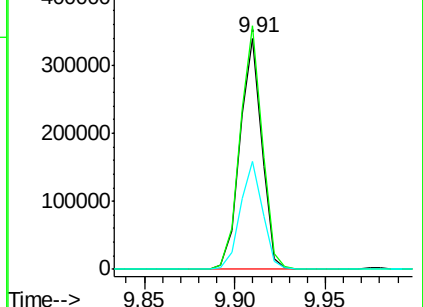
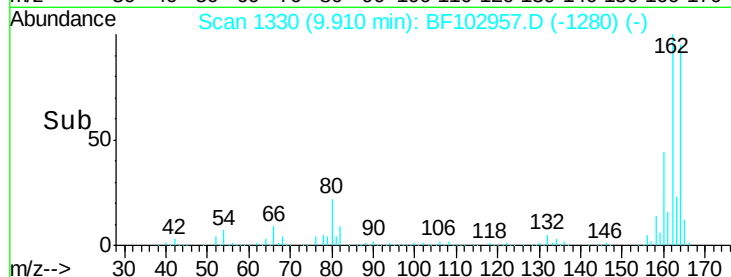
160 46.5 38.3 57.5



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: 14.75 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

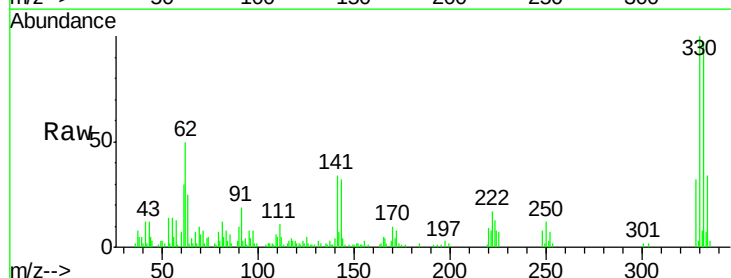
Tgt Ion:330 Resp: 33770

Ion Ratio Lower Upper

330 100

332 101.7 77.0 115.6

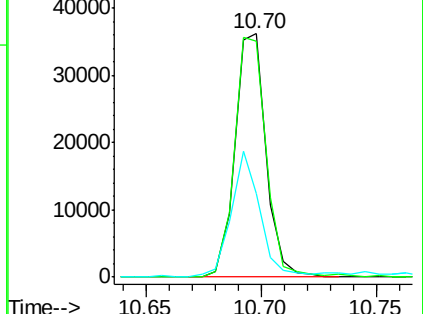
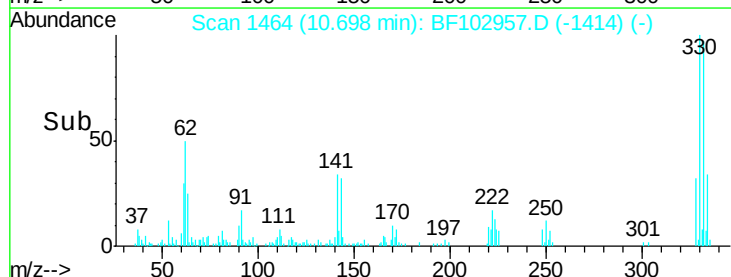
141 47.9 29.9 44.9#

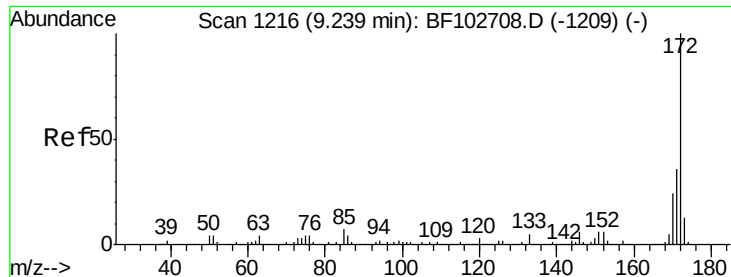


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

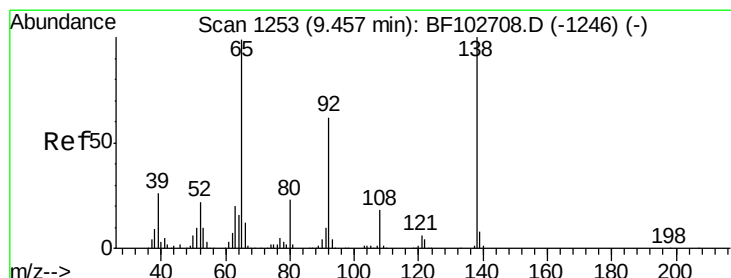
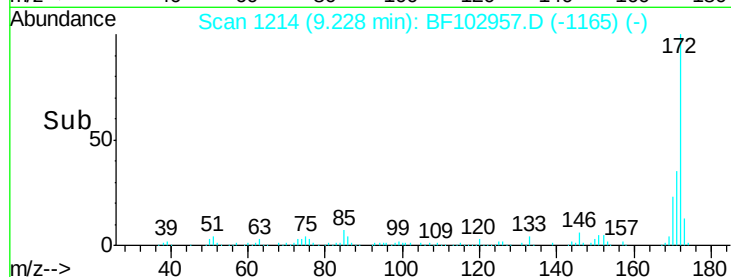
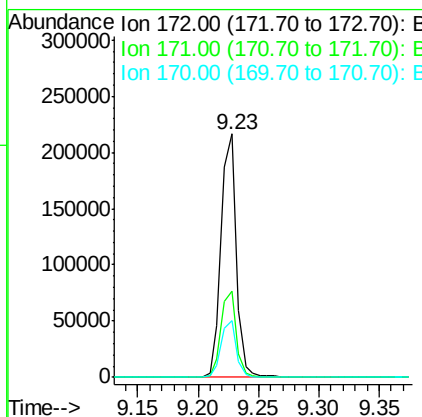
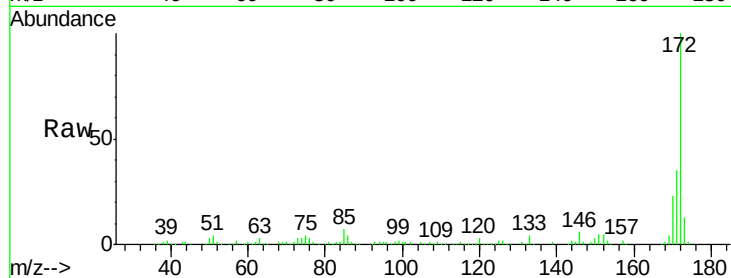




#44
2-Fluorobiphenyl
Concen: 11.01 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

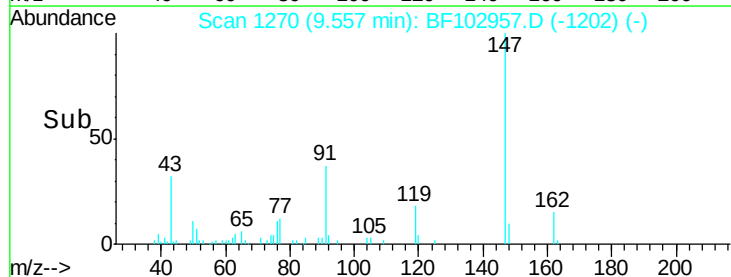
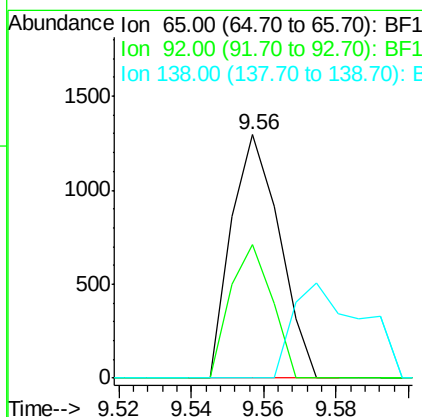
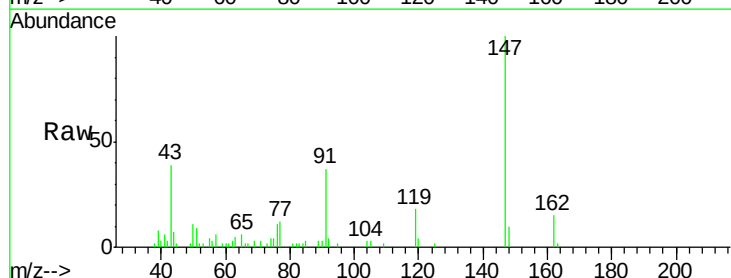
Instrument :
BNA_F
ClientSampled :

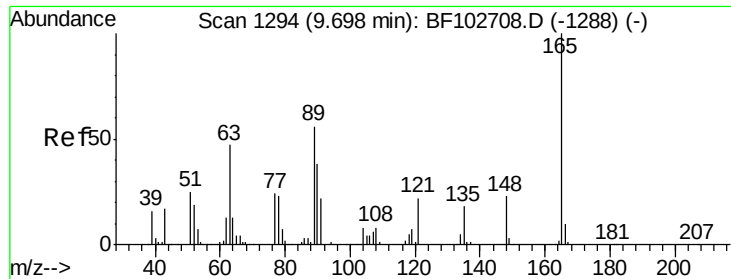
Tot Ion:172 Resp: 188779
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.3 19.6 29.4



#47
2-Nitroaniline
Concen: 3.66 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.10 min
Lab File: BF102957.D
Acq: 13 Feb 2018 13:15

Tgt Ion: 65 Resp: 1196
Ion Ratio Lower Upper
65 100
92 54.6 55.8 83.6#
138 0.0 91.2 136.8#

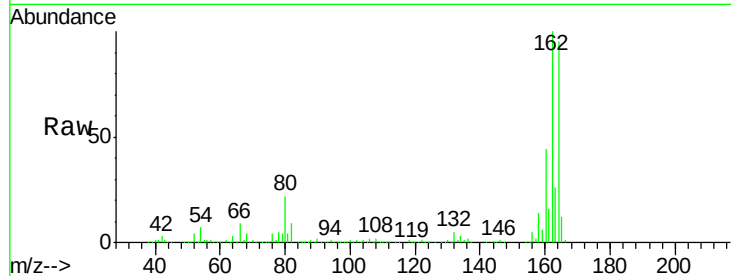




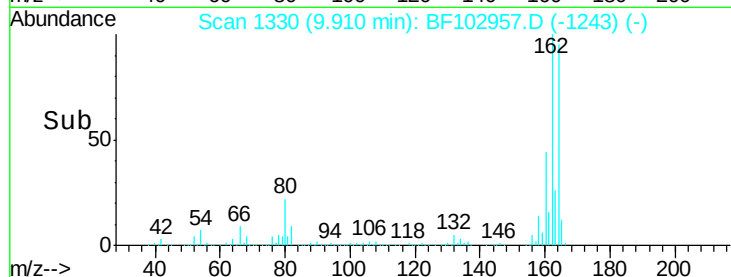
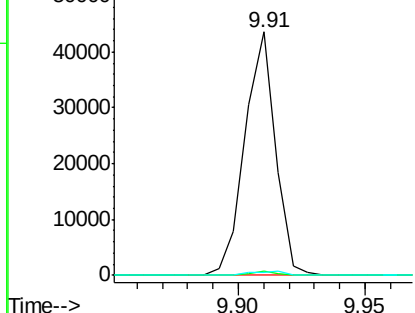
#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#

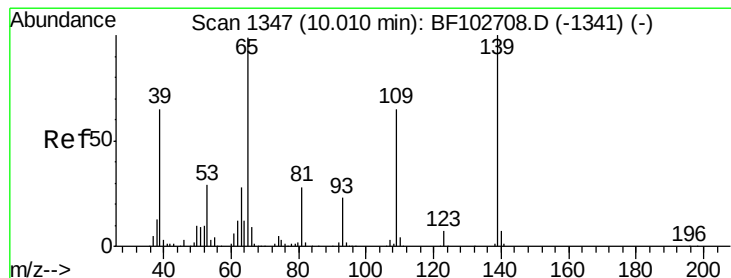


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

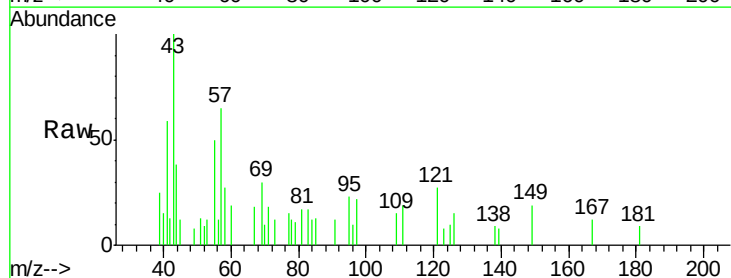
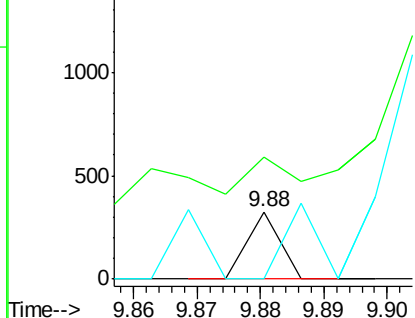


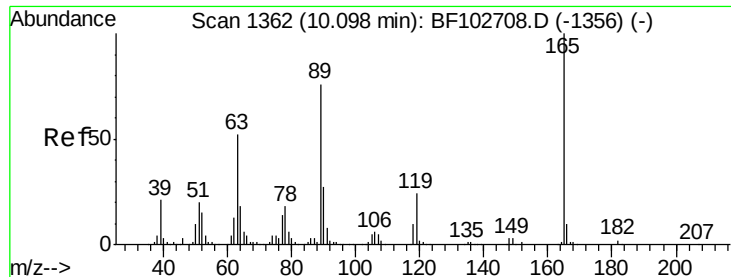
#55
 4-Nitrophenol
 Concen: 4.05 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.13 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	181.3	48.4	88.4#
65	0.0	72.6	112.6#



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

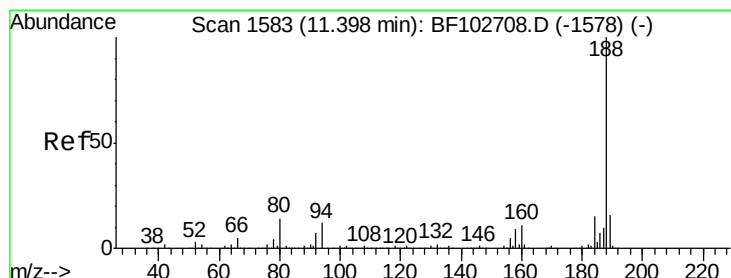
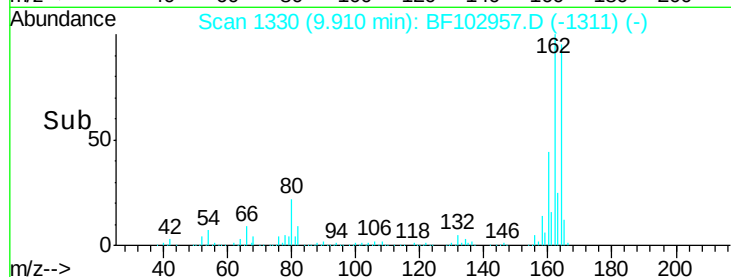
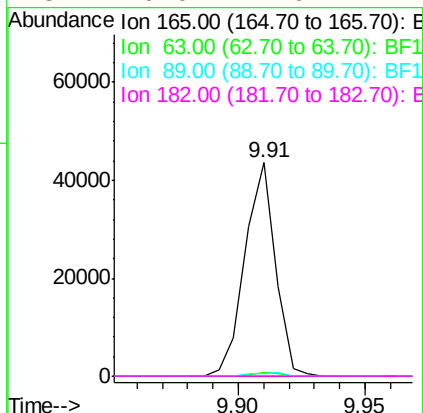
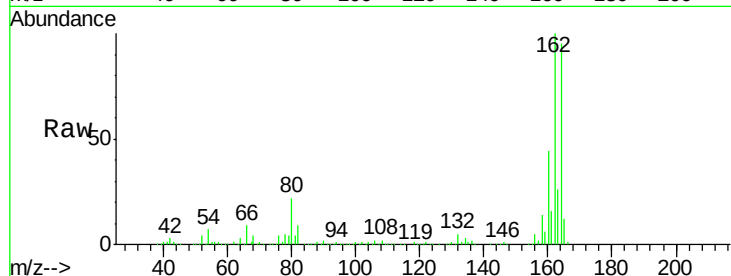




#56
 2,4-Dinitrotoluene
 Concen: 9.14 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

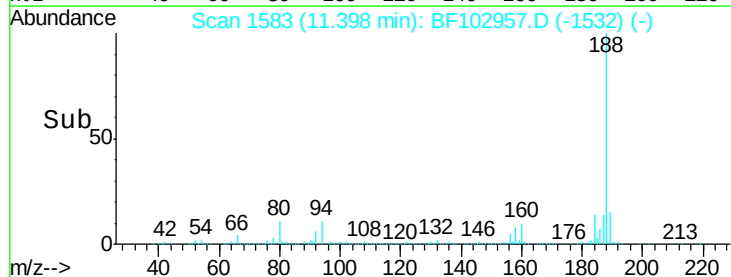
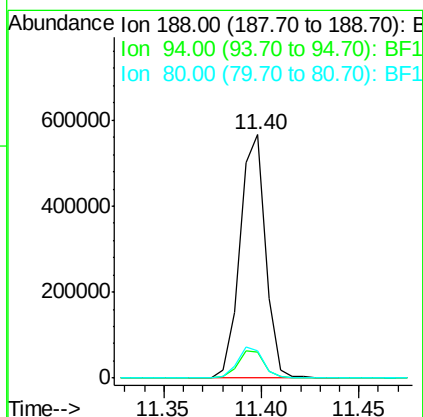
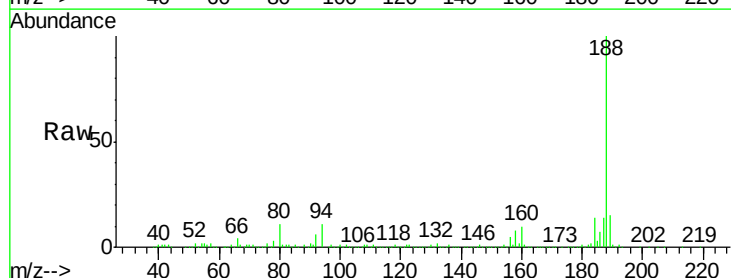
Instrument :
 BNA_F
 ClientSampleId :

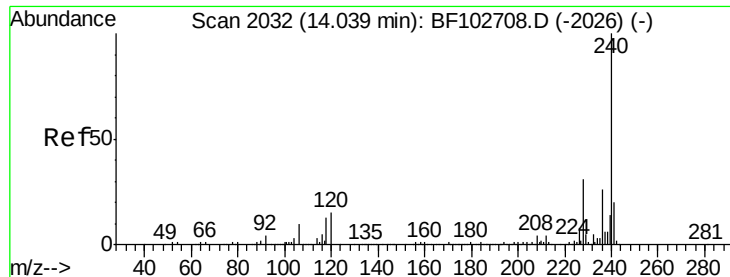
Tot Ion:165	Resp:	36683
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102957.D
 Acq: 13 Feb 2018 13:15

Tgt Ion:188	Resp:	514164
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	11.5	9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Instrument :

BNA_F

ClientSampled :

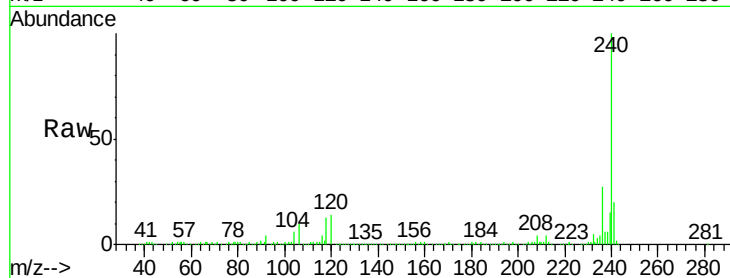
Tot Ion:240 Resp: 395397

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

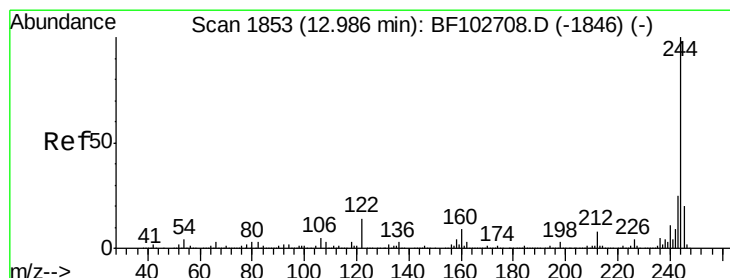
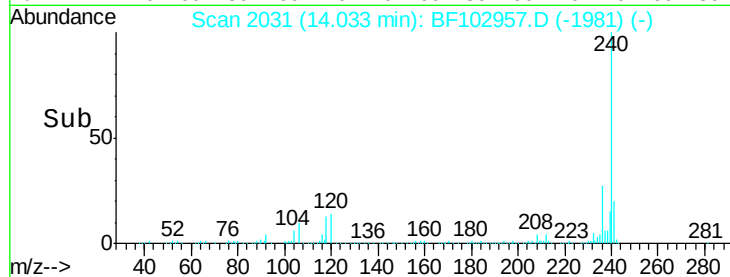
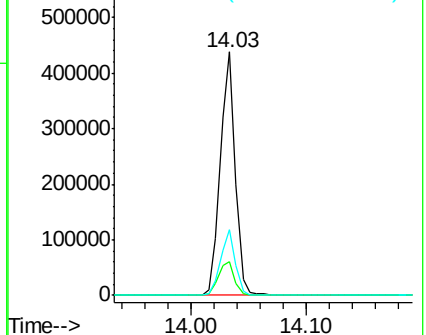
236 26.9 20.7 31.1



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: 11.70 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

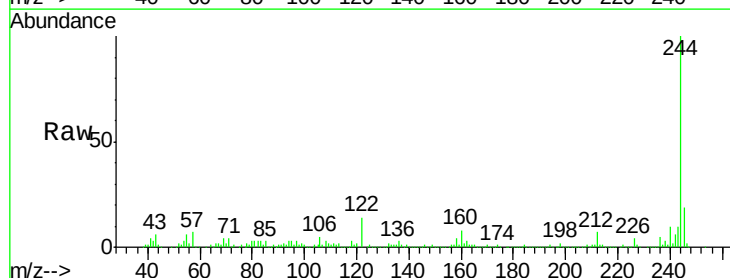
Tgt Ion:244 Resp: 195421

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

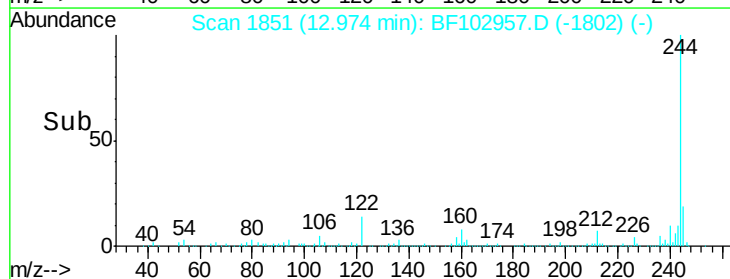
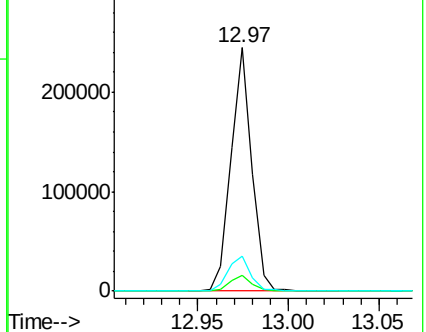
122 14.1 11.0 16.4

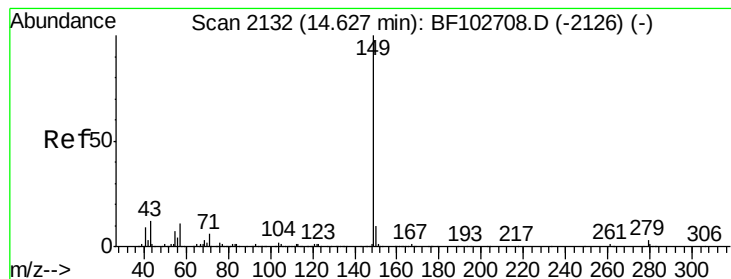


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 3.61 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.11 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

Instrument :

BNA_F

ClientSampled :

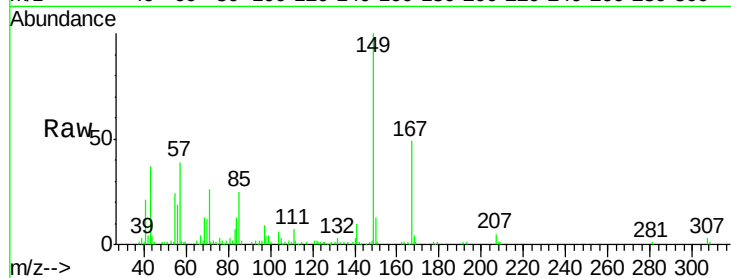
Tot Ion:149 Resp: 102878

Ion Ratio Lower Upper

149 100

167 47.5 1.2 1.8#

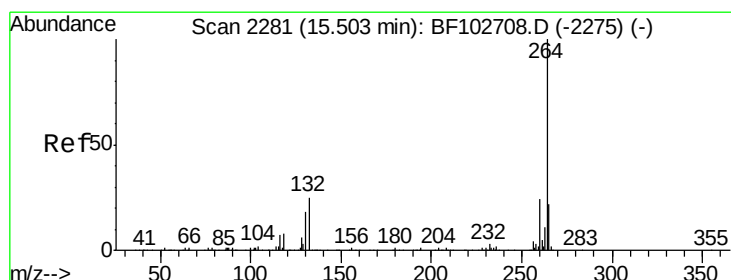
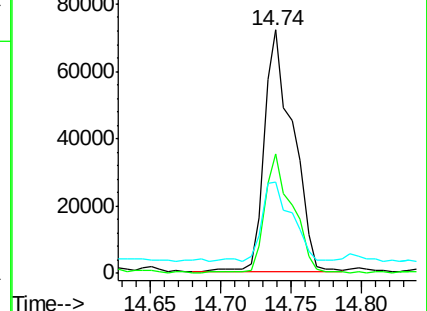
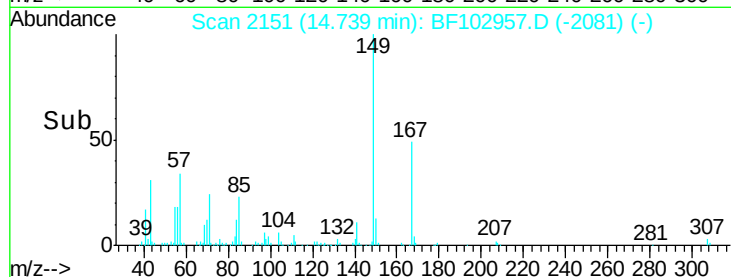
43 34.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102957.D

Acq: 13 Feb 2018 13:15

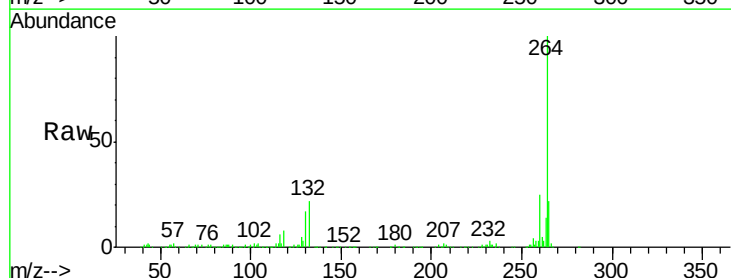
Tgt Ion:264 Resp: 325218

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

