

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106355.D
 Acq On : 12 Jun 2018 20:03
 Operator : JU/SJ
 Sample : J3419-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:10:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

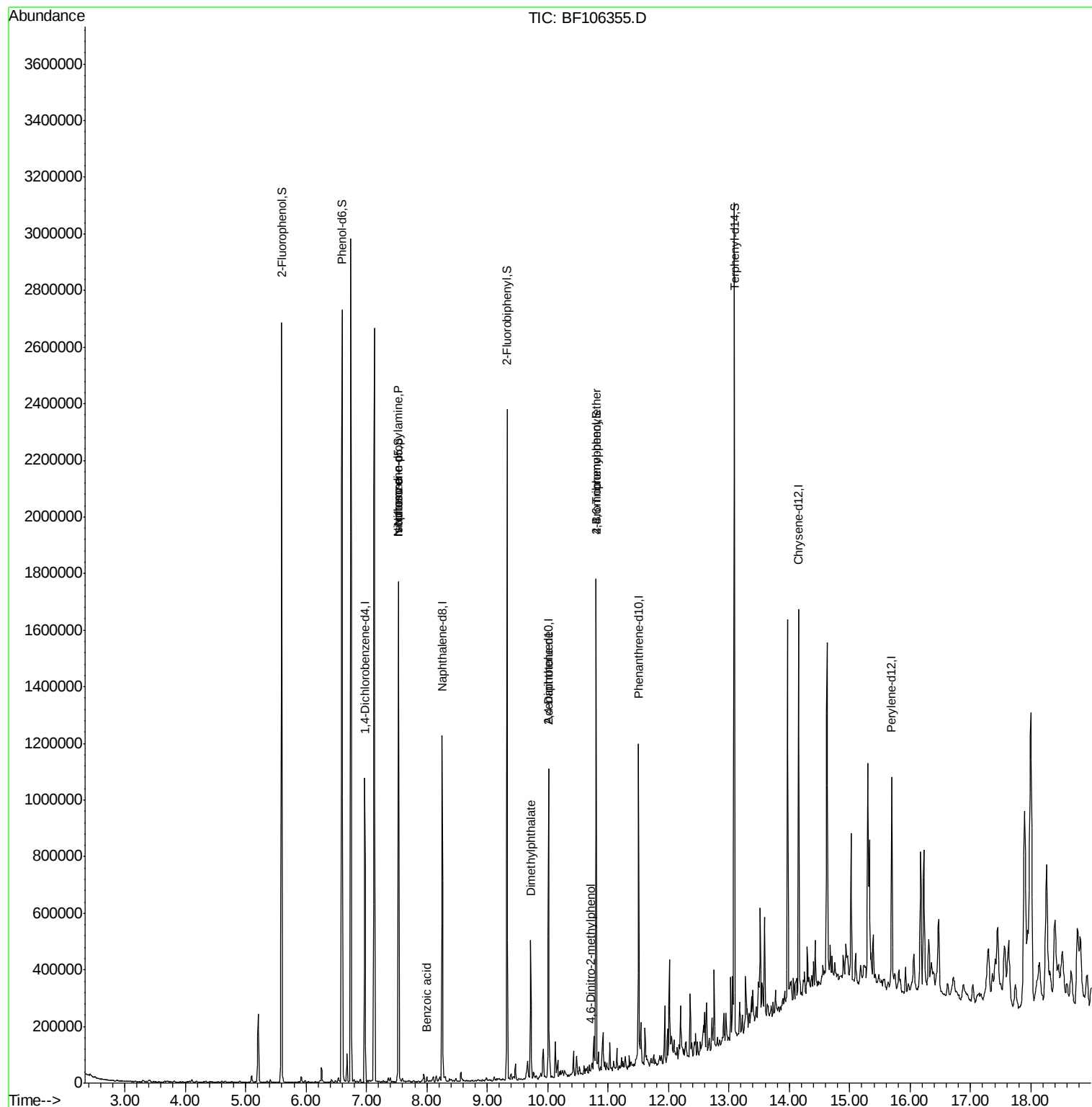
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138994	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	459550	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	187601	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	404603	20.00	ng	0.00
75) Chrysene-d12	14.15	240	453615	20.00	ng	0.00
86) Perylene-d12	15.69	264	333844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	774230	94.28	ng	0.01
7) Phenol-d6	6.60	99	898305	86.58	ng	0.00
23) Nitrobenzene-d5	7.53	82	564146	72.22	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	213257	118.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	737241	64.31	ng	0.00
78) Terphenyl-d14	13.09	244	961924	52.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	75966	9.759	ng	# 78
25) Isophorone	7.53	82	564137	36.973	ng	# 64
32) Benzoic acid	8.01	122	424	7.364	ng	# 36
49) Dimethylphthalate	9.72	163	156673	11.689	ng	100
56) 2,4-Dinitrotoluene	10.01	165	23992	6.978	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	136	6.349	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13713	2.980	ng	# 1

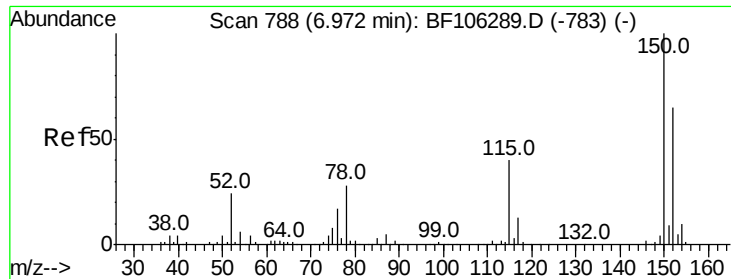
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 13 01:10:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



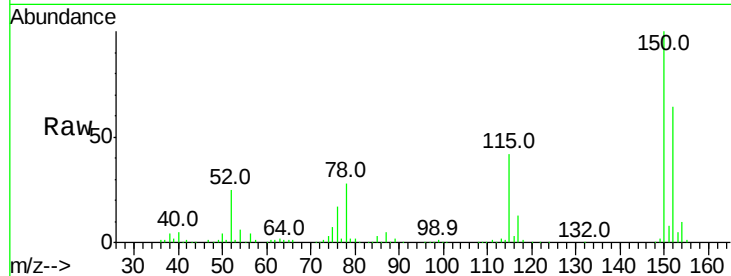


#1

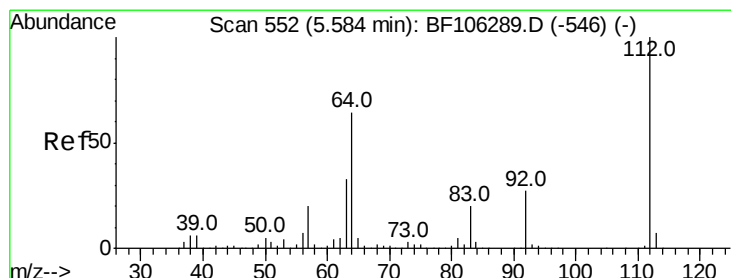
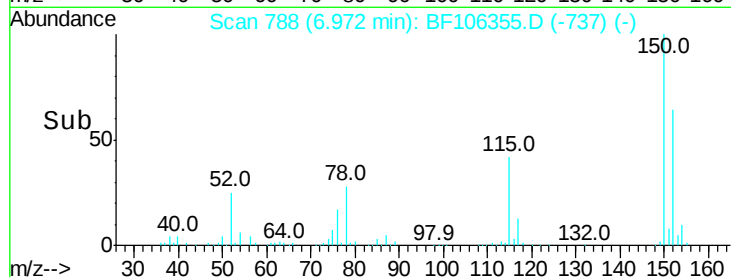
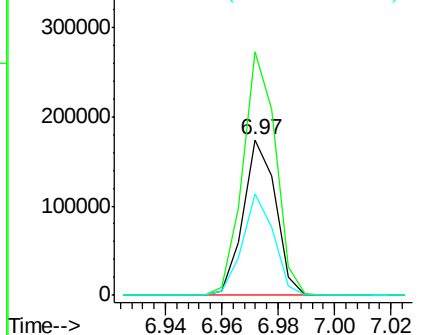
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106355.D
Acq: 12 Jun 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	65.2	50.1	75.1



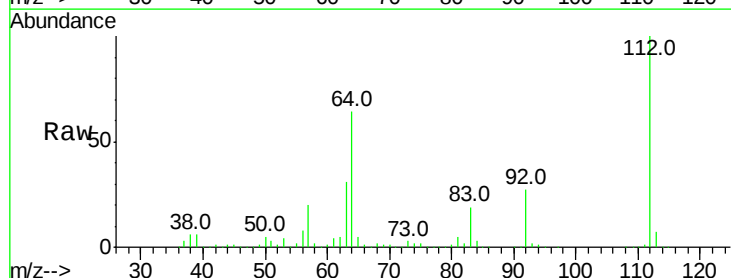
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



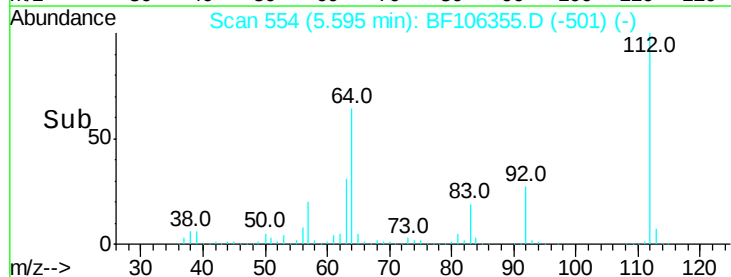
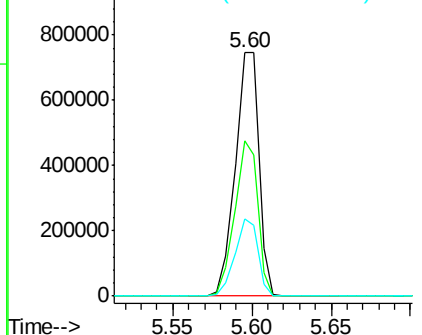
#5

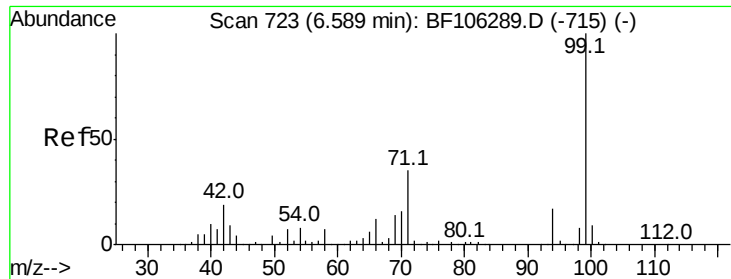
2-Fluorophenol
Concen: 94.276 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106355.D
Acq: 12 Jun 2018 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	31.5	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: 86.579 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

Instrument :

BNA_F

ClientSampleId :

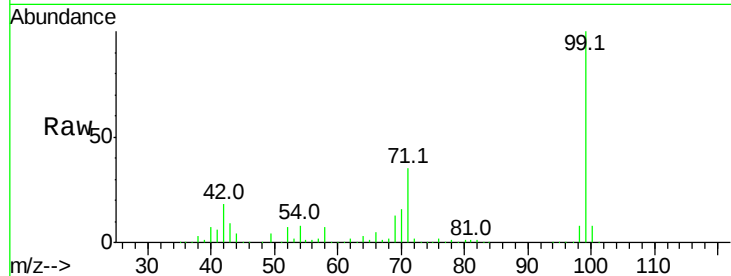
Tot Ion: 99 Resp: 898305

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

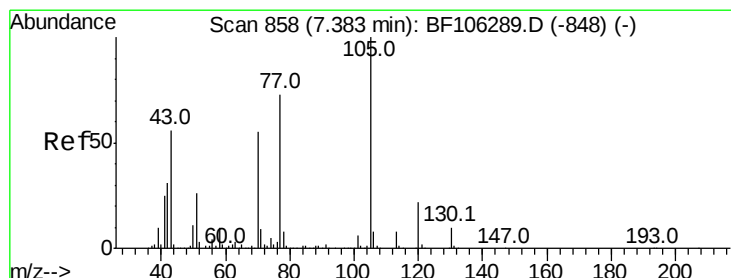
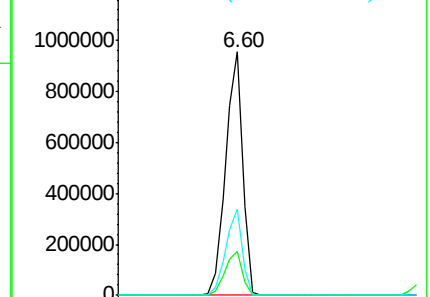
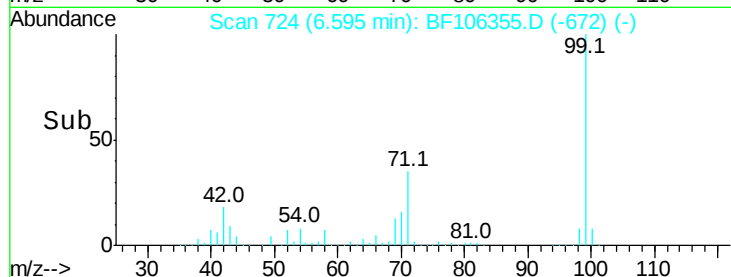
71 35.4 25.4 38.0



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: 9.759 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

Tgt Ion: 70 Resp: 75966

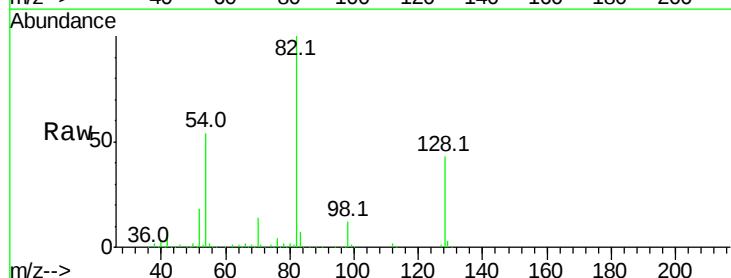
Ion Ratio Lower Upper

70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

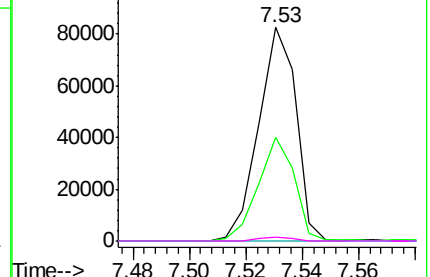
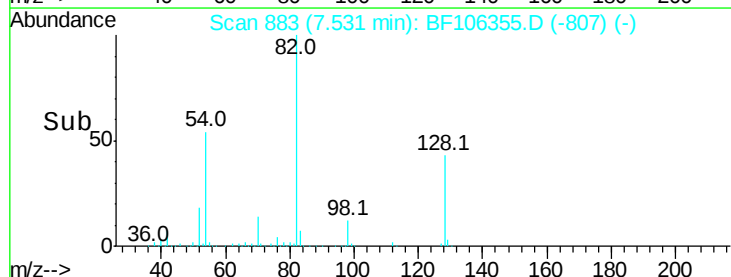


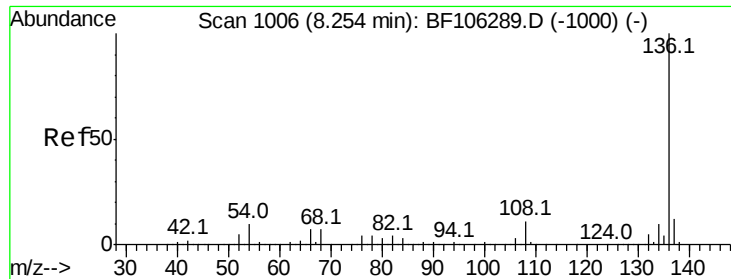
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

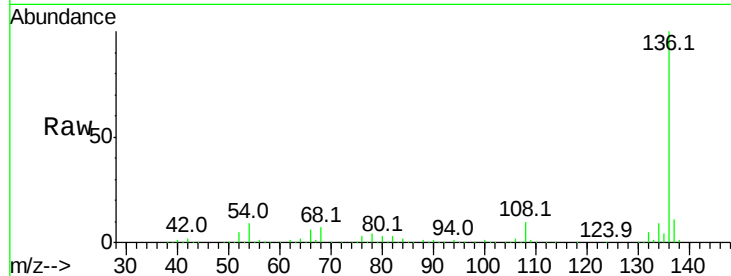




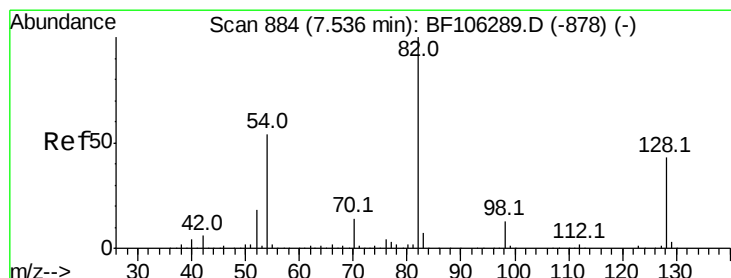
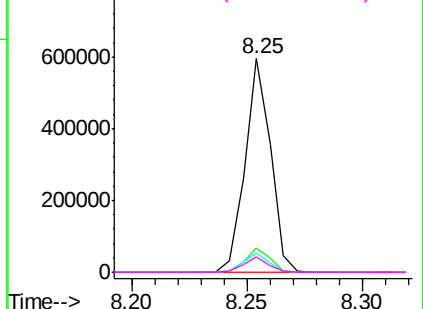
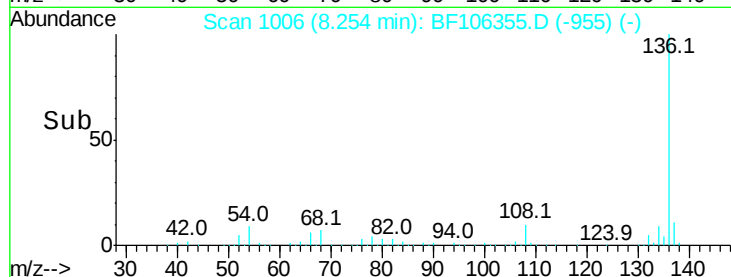
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106355.D
Acq: 12 Jun 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	459550
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	6.6	9.8
68	7.2	5.0	7.4

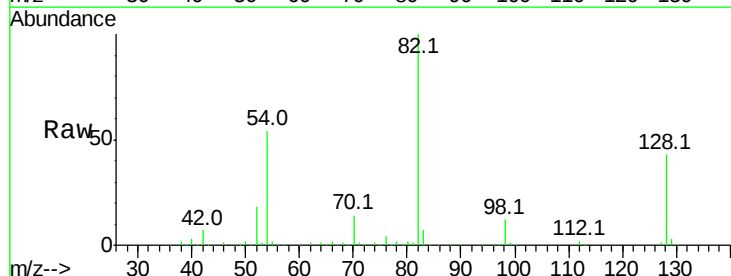


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

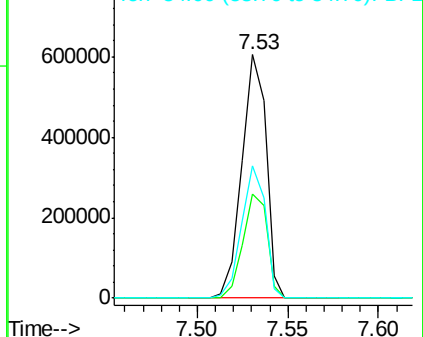
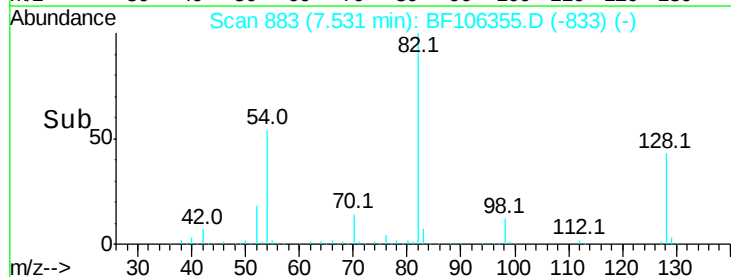


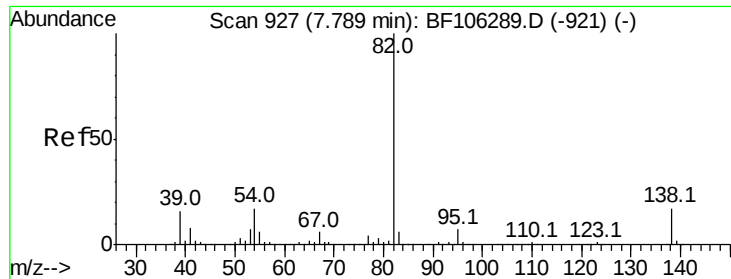
#23
Nitrobenzene-d5
Concen: 72.218 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106355.D
Acq: 12 Jun 2018 20:03

Tgt Ion:	82	Resp:	564146
Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	54.1	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: 36.973 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

Instrument :

BNA_F

ClientSampleId :

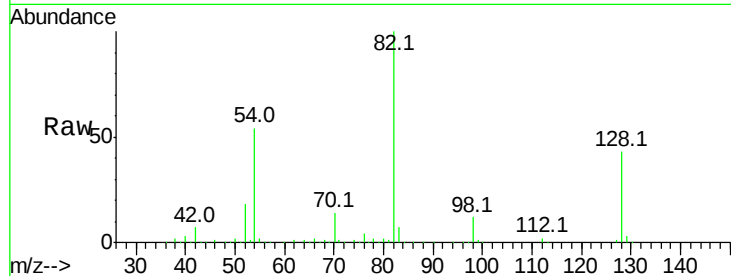
Tot Ion: 82 Resp: 564137

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

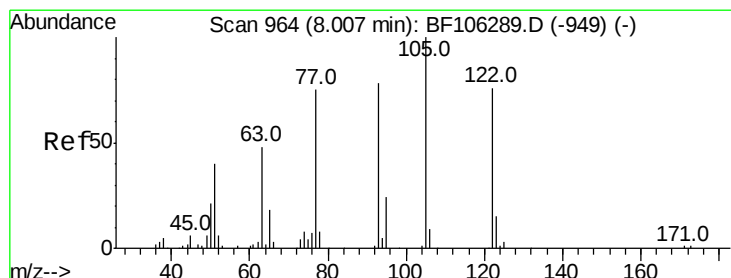
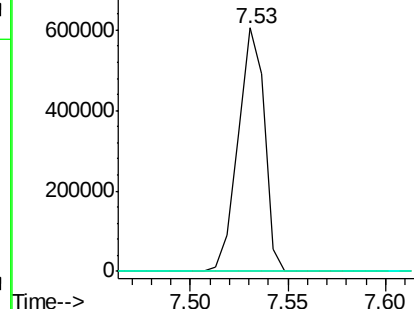
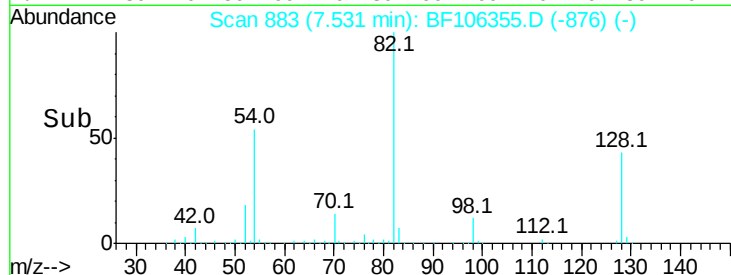
138 0.0 14.9 22.3#



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: 7.364 ng

RT: 8.01 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

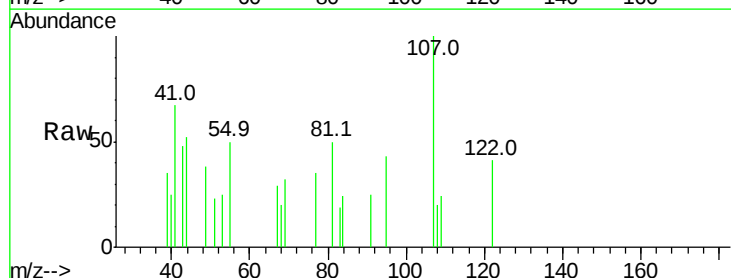
Tgt Ion:122 Resp: 424

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

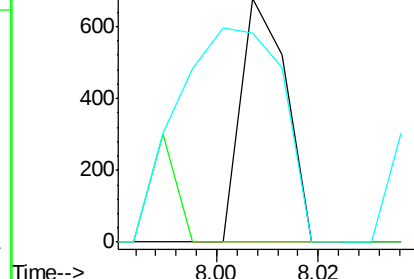
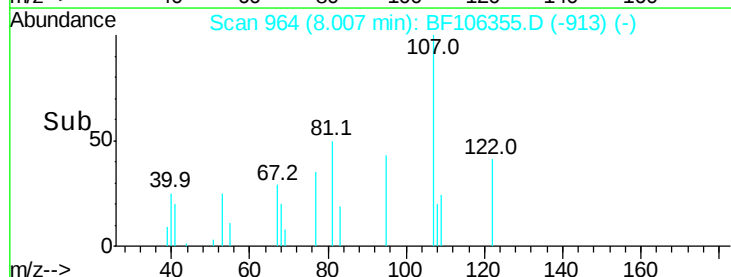
77 86.0 70.7 110.7

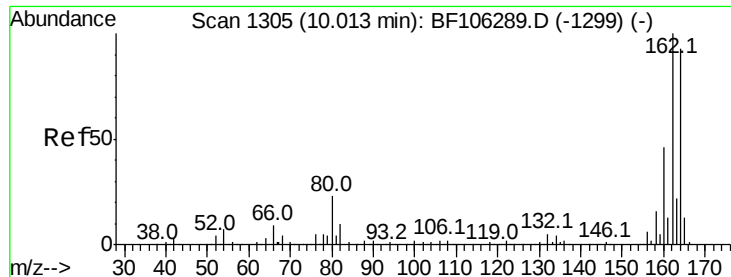


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

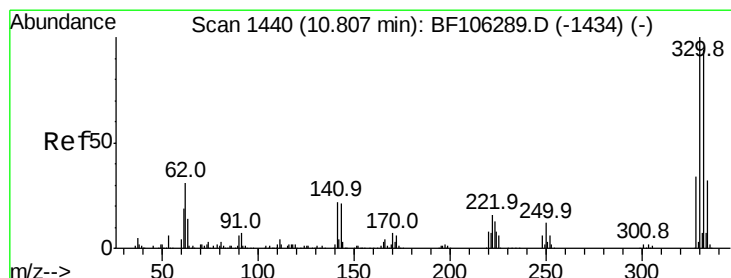
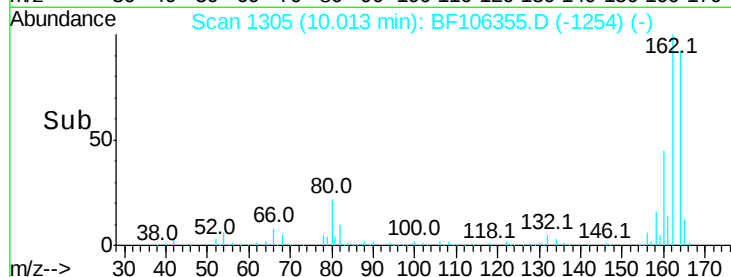
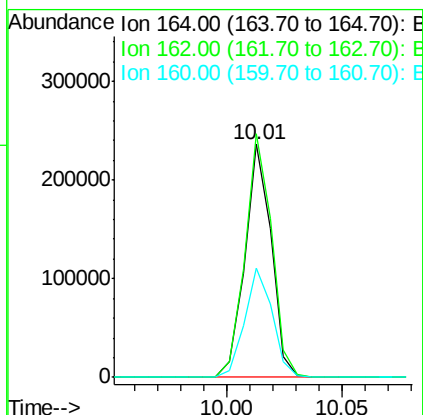
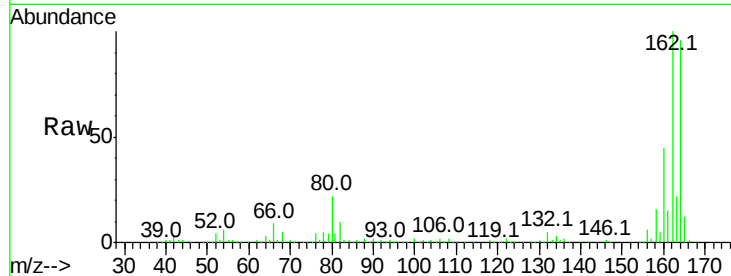




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106355.D
 Acq: 12 Jun 2018 20:03

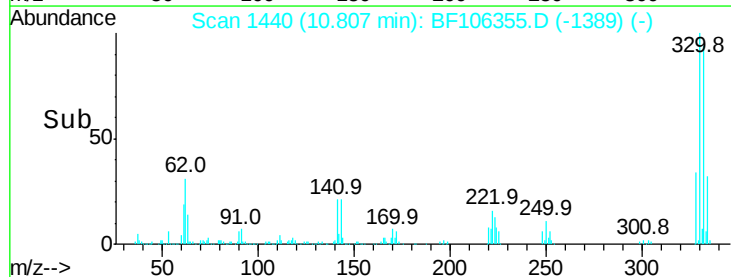
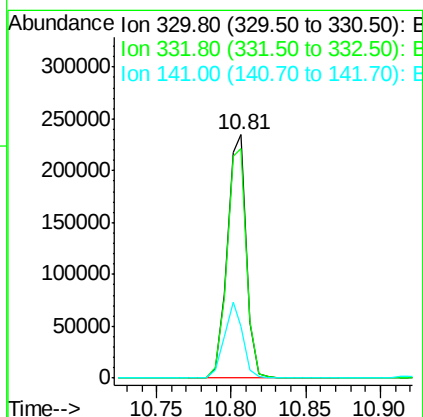
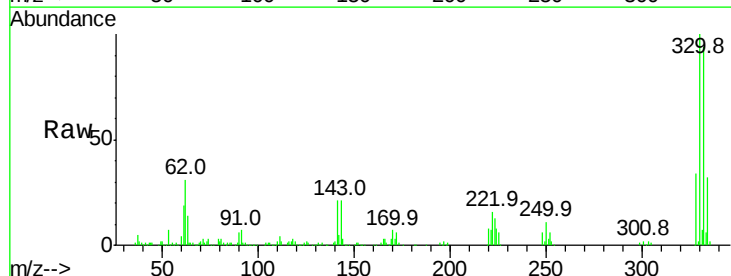
Instrument :
 BNA_F
 ClientSampleId :

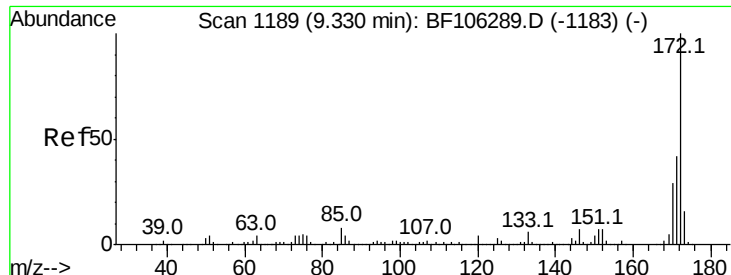
Tot Ion:164 Resp: 187601
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 118.145 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106355.D
 Acq: 12 Jun 2018 20:03

Tgt Ion:330 Resp: 213257
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 30.2 29.9 44.9

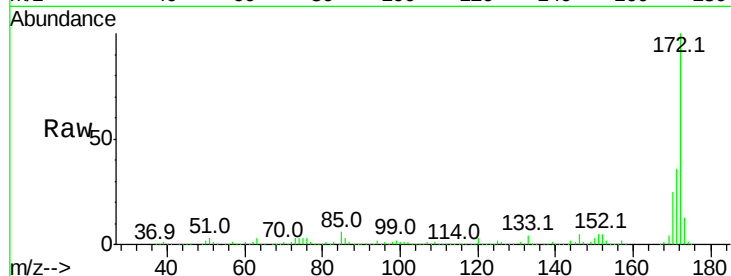




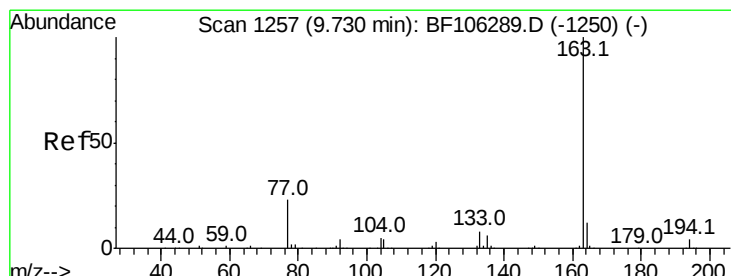
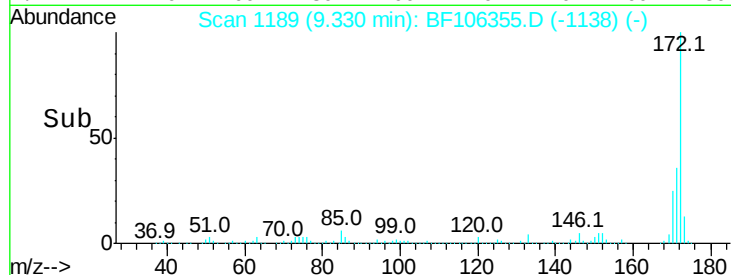
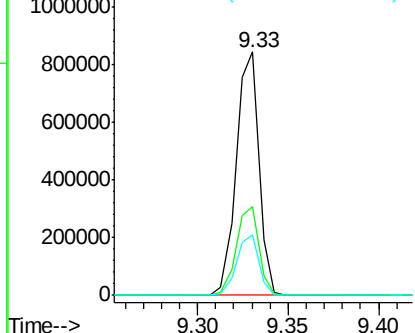
#44
2-Fluorobiphenyl
Concen: 64.310 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106355.D
Acq: 12 Jun 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 737241
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.8 19.6 29.4

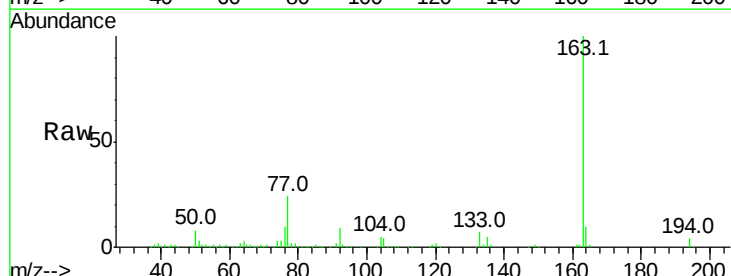


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

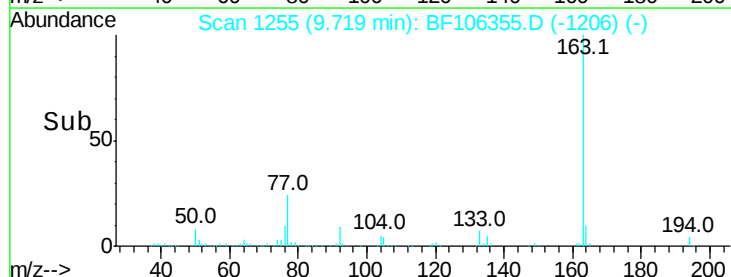
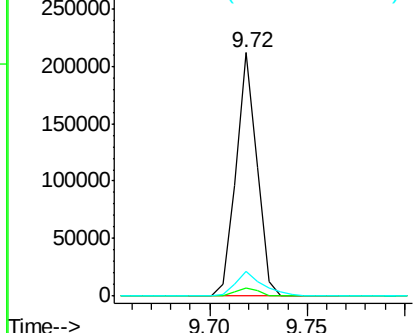


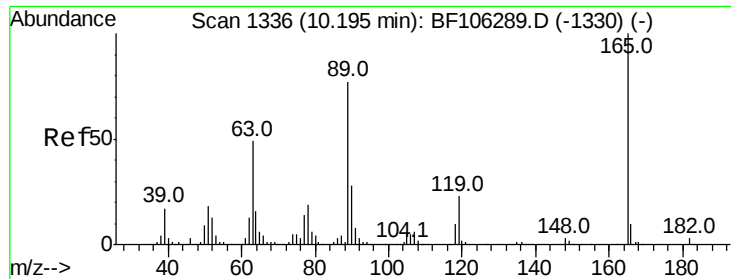
#49
Dimethylphthalate
Concen: 11.689 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106355.D
Acq: 12 Jun 2018 20:03

Tgt Ion:163 Resp: 156673
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 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

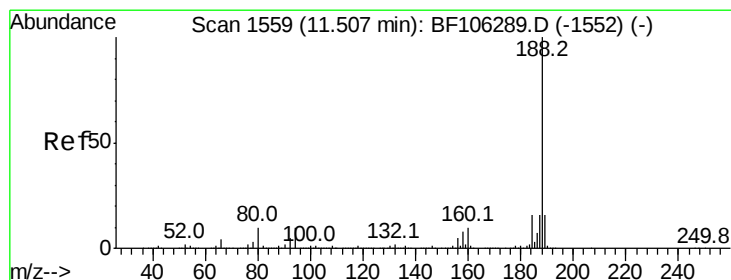
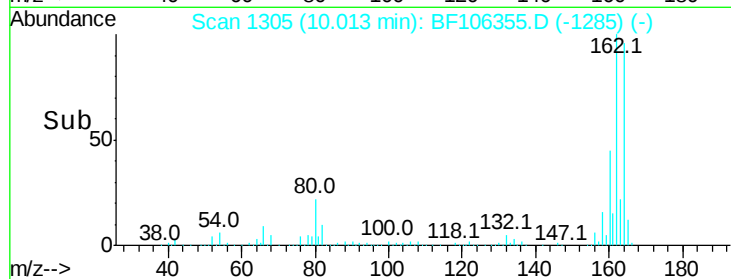
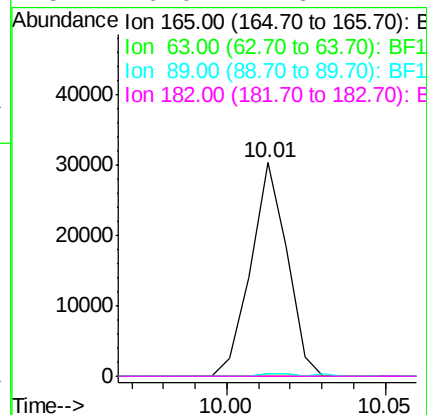
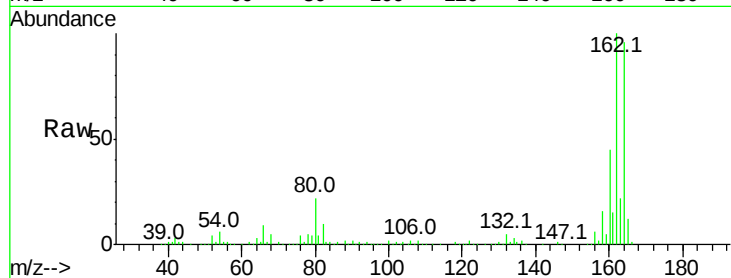




#56
 2,4-Dinitrotoluene
 Concen: 6.978 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.18 min
 Lab File: BF106355.D
 Acq: 12 Jun 2018 20:03

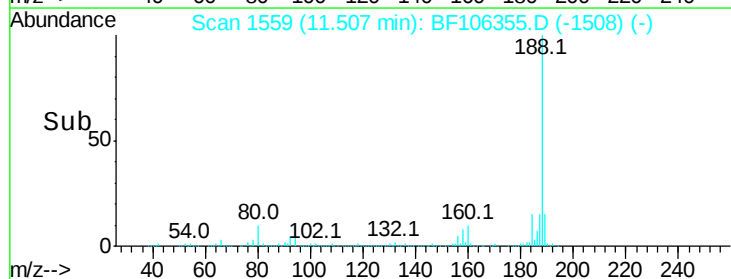
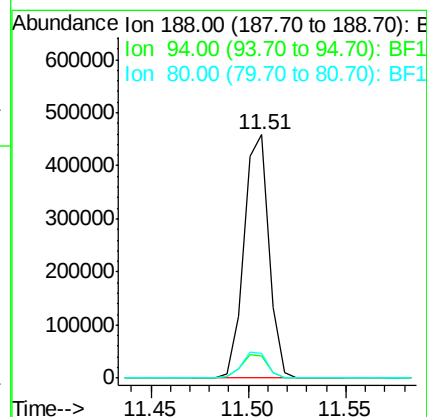
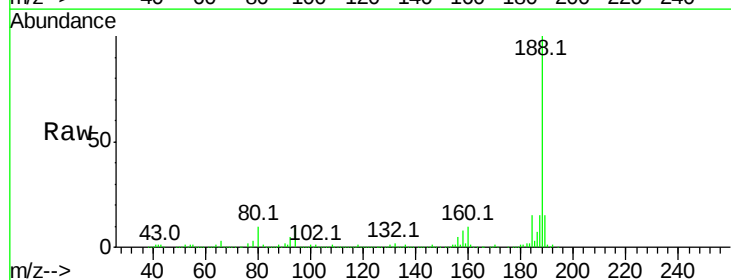
Instrument :
 BNA_F
 ClientSampleId :

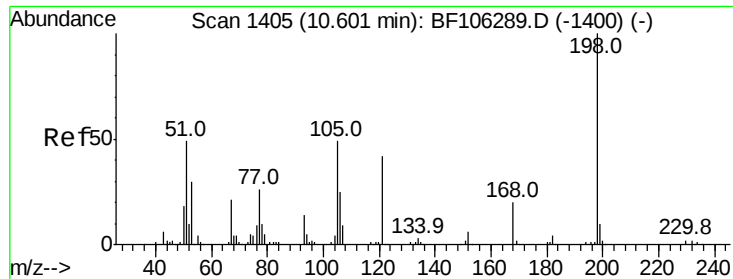
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106355.D
 Acq: 12 Jun 2018 20:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.349 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.11 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

Instrument :

BNA_F

ClientSampled :

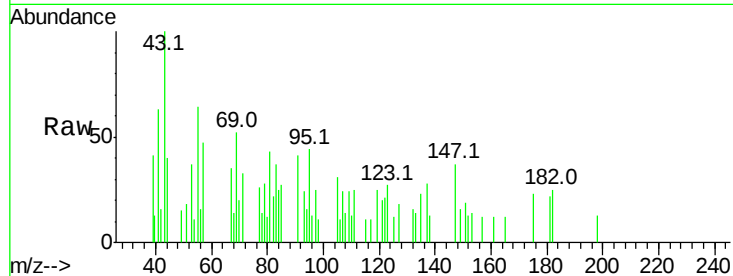
Tot Ion:198 Resp: 136

Ion Ratio Lower Upper

198 100

51 130.4 37.7 77.7#

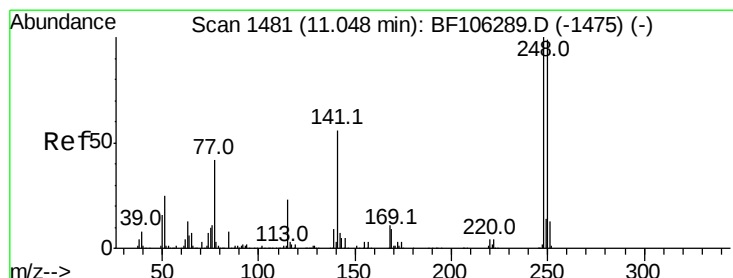
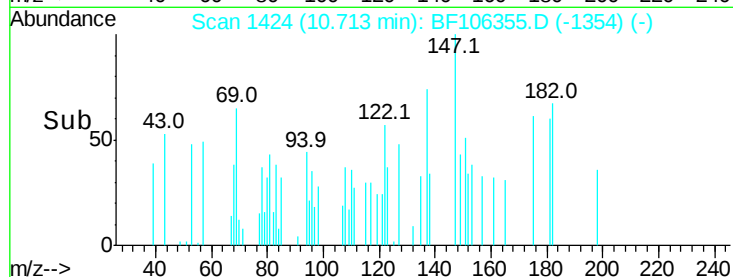
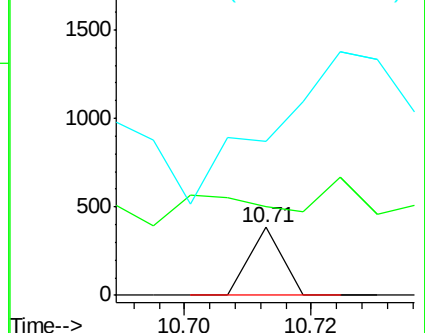
105 226.8 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 2.980 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

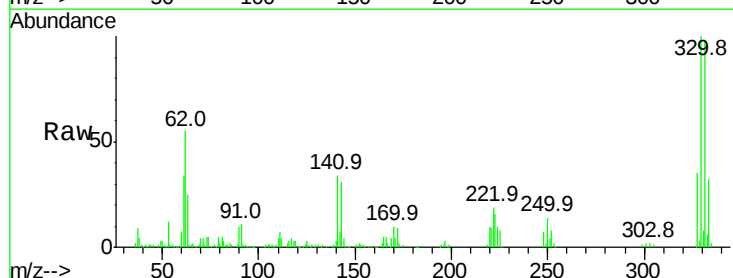
Tgt Ion:248 Resp: 13713

Ion Ratio Lower Upper

248 100

250 202.4 76.9 115.3#

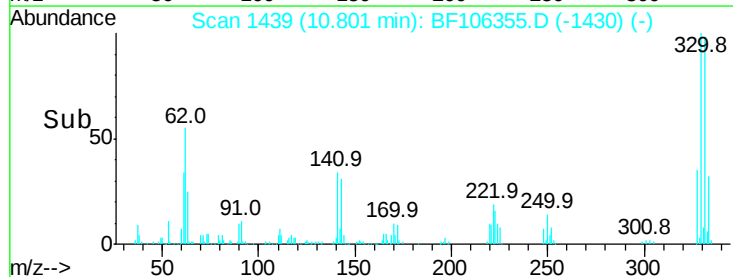
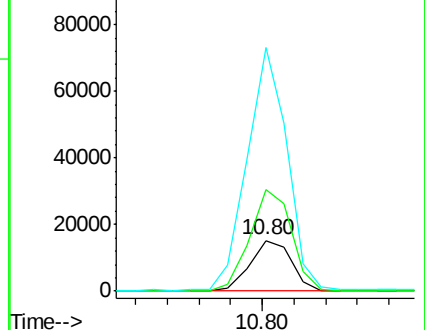
141 483.9 74.4 111.6#

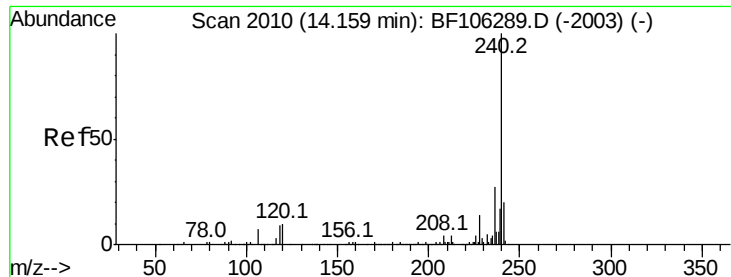


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

Instrument :

BNA_F

ClientSampleId :

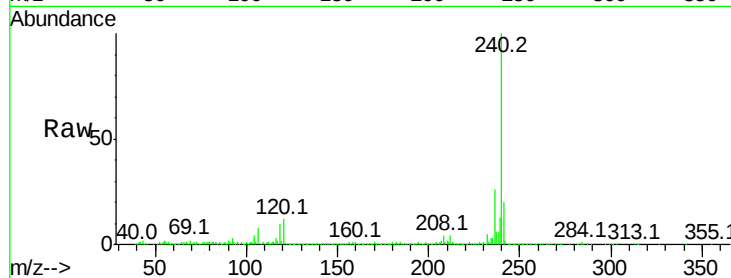
Tot Ion:240 Resp: 453615

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

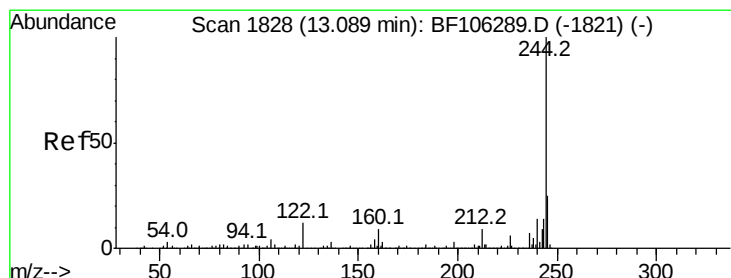
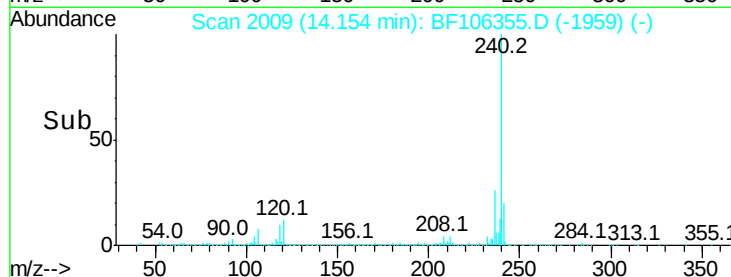
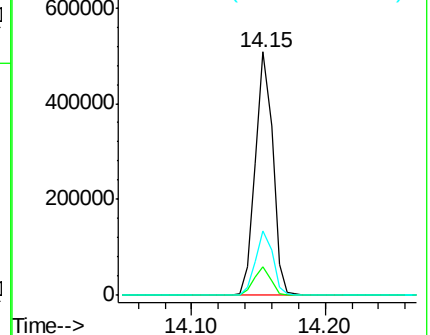
236 26.2 20.7 31.1



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: 52.670 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106355.D

Acq: 12 Jun 2018 20:03

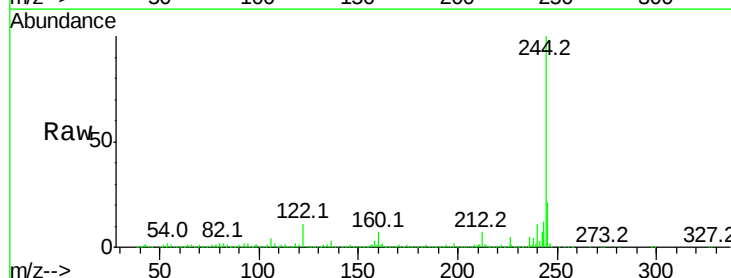
Tgt Ion:244 Resp: 961924

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

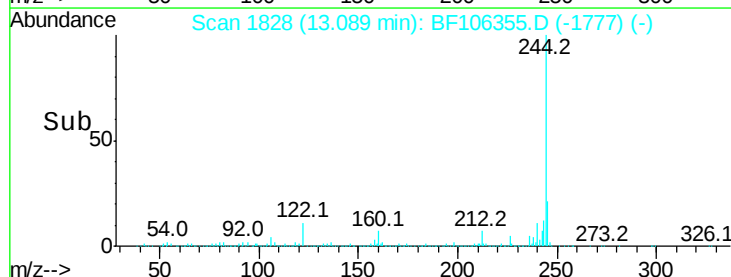
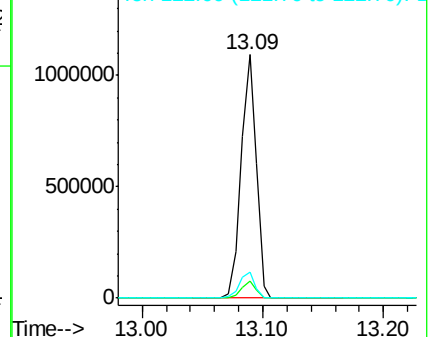
122 10.6 11.0 16.4#

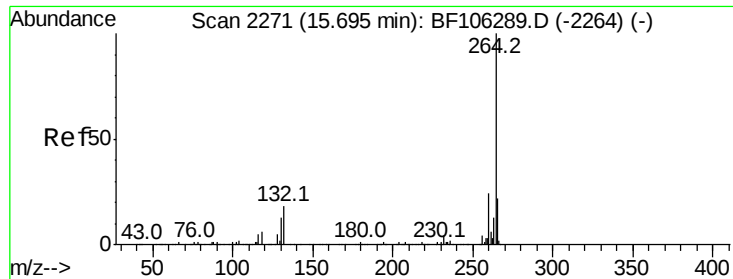


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

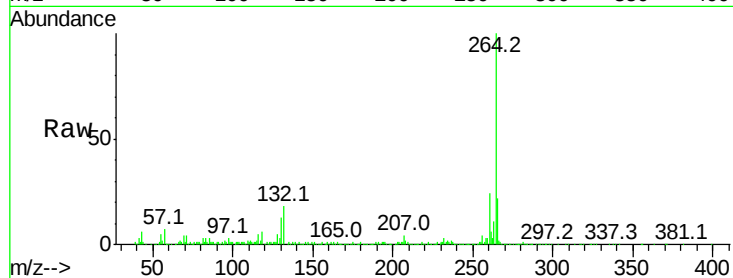




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF106355.D
 Acq: 12 Jun 2018 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.2	28.8	
265	22.4	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

