

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106547.D
 Acq On : 18 Jun 2018 19:09
 Operator : JU/SJ
 Sample : J3566-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Quant Time: Jun 19 01:08:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

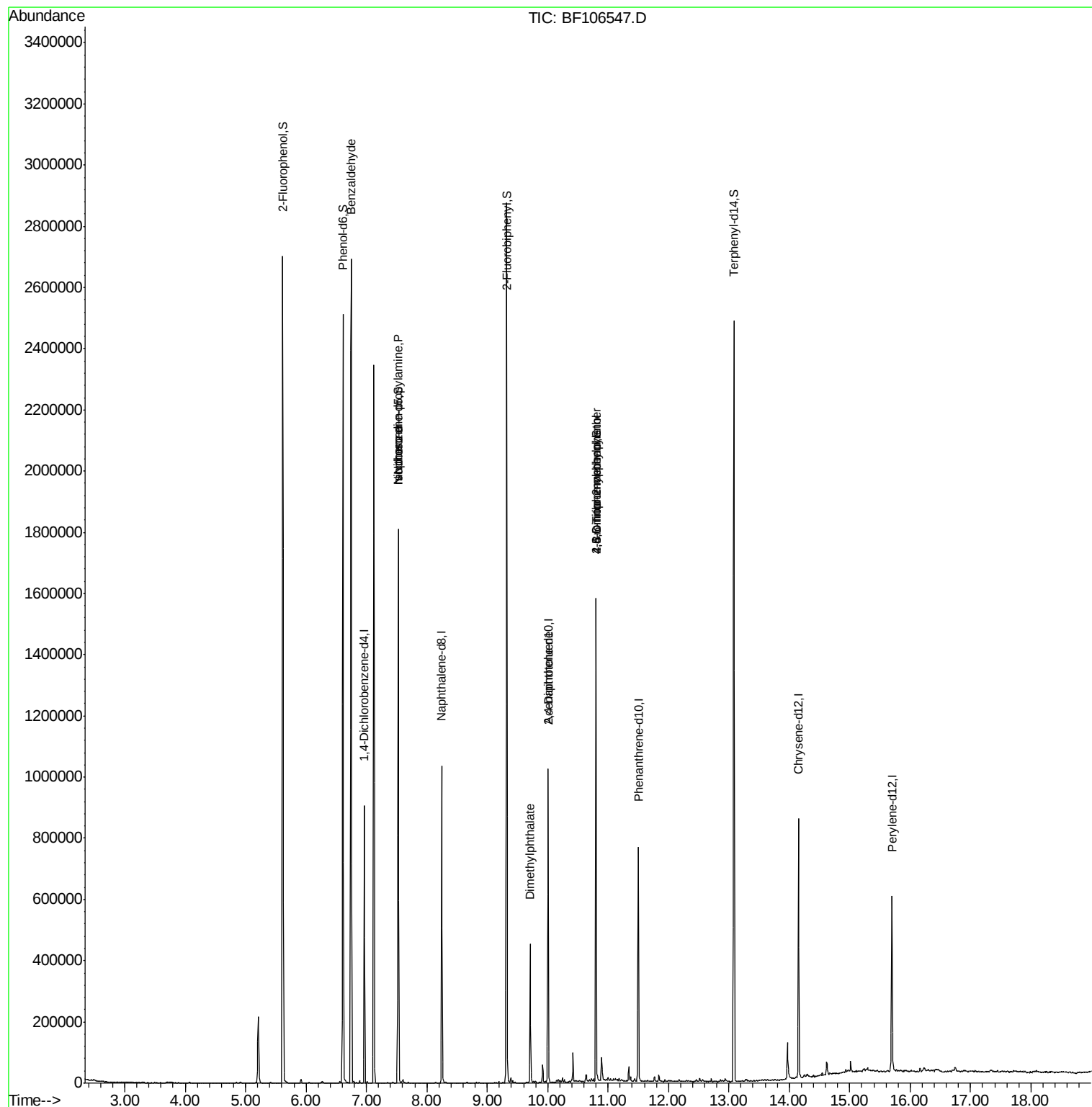
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115927	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	432340	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	178374	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	285318	20.00	ng	0.00
75) Chrysene-d12	14.15	240	279544	20.00	ng	0.00
86) Perylene-d12	15.70	264	278990	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	734795	107.28	ng	0.00
7) Phenol-d6	6.61	99	889860	102.83	ng	0.00
23) Nitrobenzene-d5	7.53	82	614611	83.63	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	204684	119.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	981702	105.09	ng	0.00
78) Terphenyl-d14	13.08	244	819566	72.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	16873	2.571	ng	85
19) n-Nitroso-di-n-propylamine	7.53	70	82698	12.738	ng	# 74
25) Isophorone	7.53	82	614599	42.815	ng	# 64
49) Dimethylphthalate	9.71	163	169043	13.265	ng	99
56) 2,4-Dinitrotoluene	10.01	165	23229	7.106	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	280	6.453	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	12966	3.995	ng	# 1

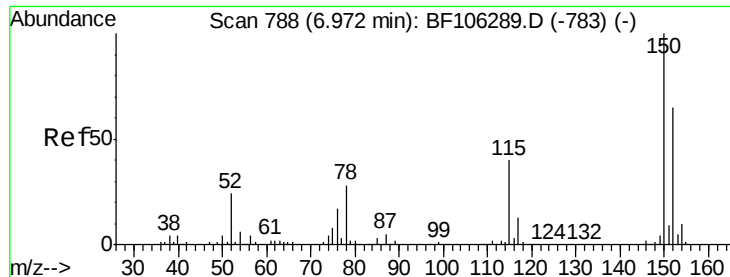
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106547.D
Acq On : 18 Jun 2018 19:09
Operator : JU/SJ
Sample : J3566-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-6-S

Quant Time: Jun 19 01:08:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration



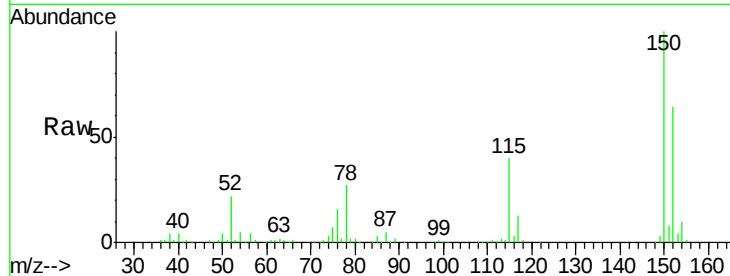


#1

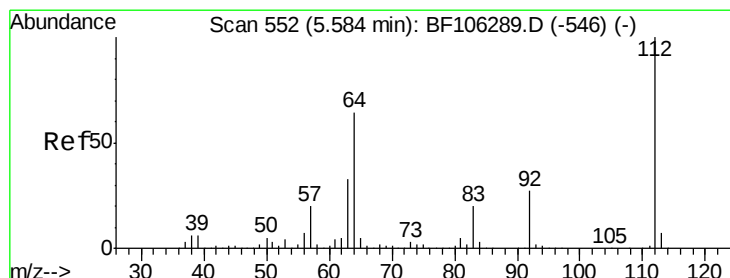
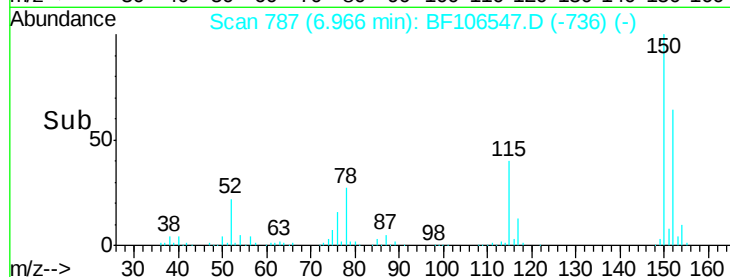
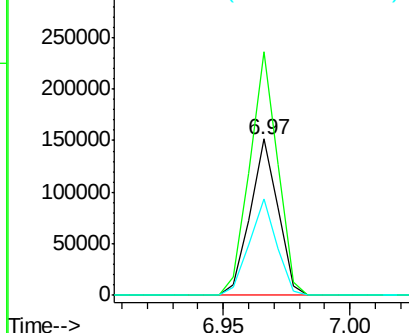
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106547.D
Acq: 18 Jun 2018 19:09

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tgt Ion:152 Resp: 115927
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.1 50.1 75.1



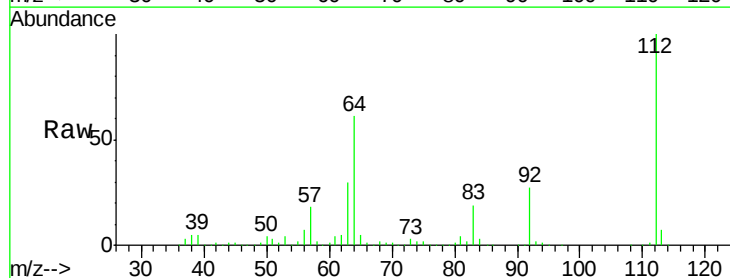
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



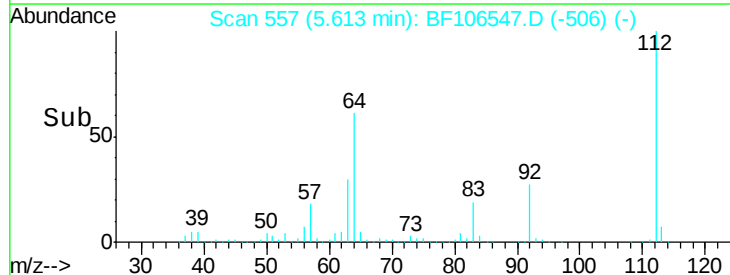
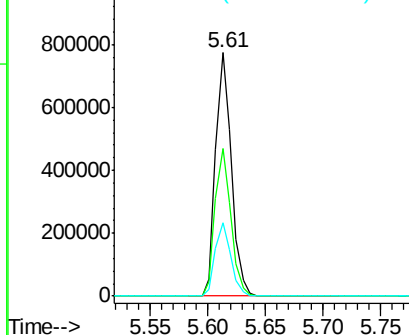
#5

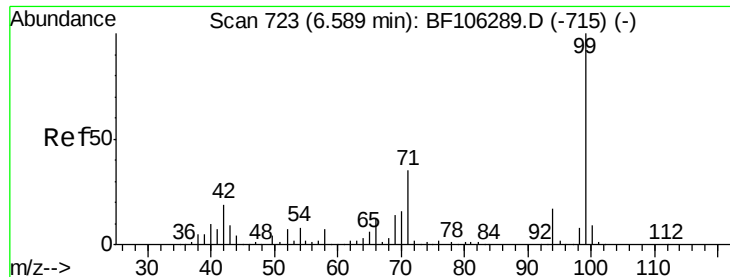
2-Fluorophenol
Concen: 107.278 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106547.D
Acq: 18 Jun 2018 19:09

Tgt Ion:112 Resp: 734795
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.3 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: 102.831 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

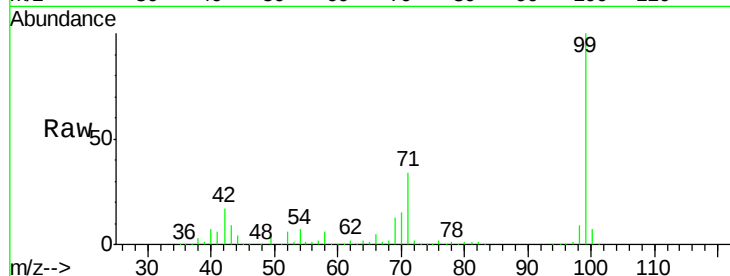
Tgt Ion: 99 Resp: 889860

Ion Ratio Lower Upper

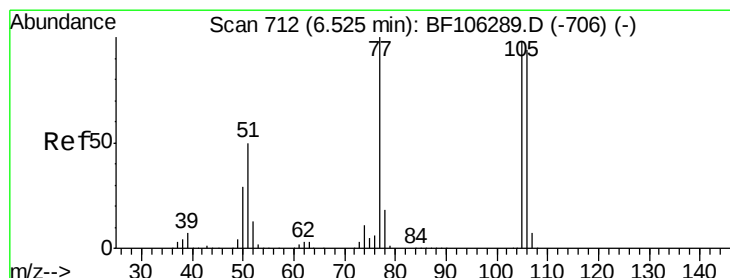
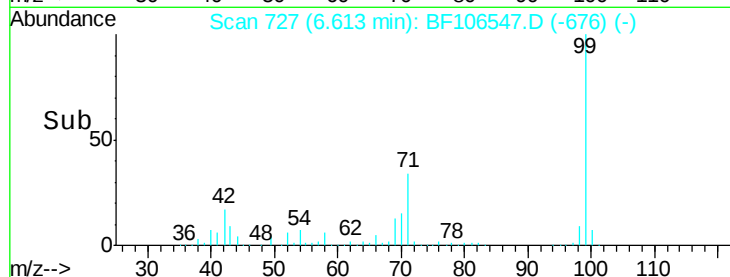
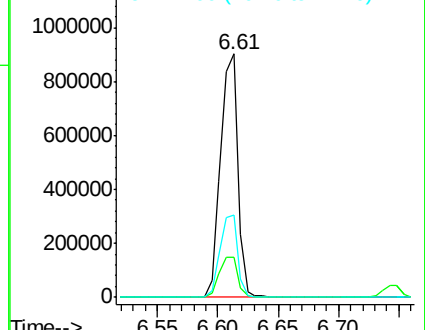
99 100

42 16.7 14.5 21.7

71 34.0 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



#9

Benzaldehyde

Concen: 2.571 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

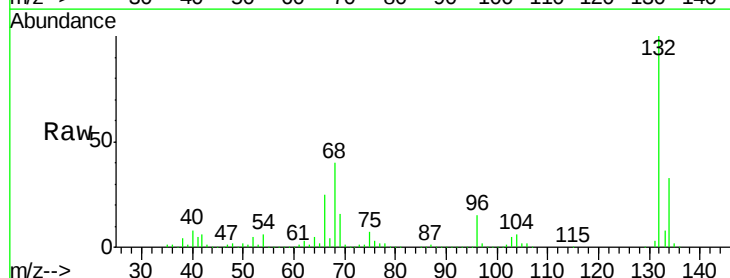
Tgt Ion: 77 Resp: 16873

Ion Ratio Lower Upper

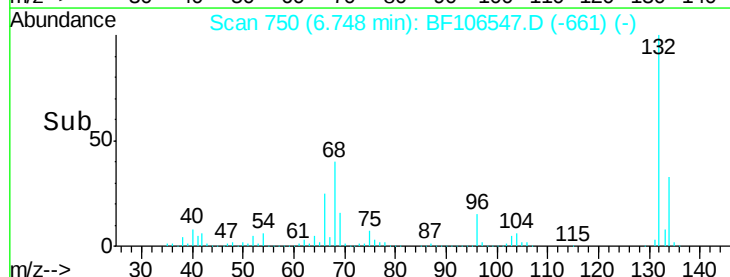
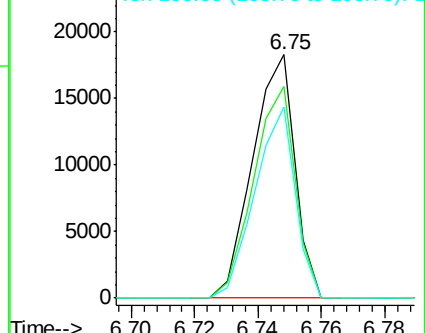
77 100

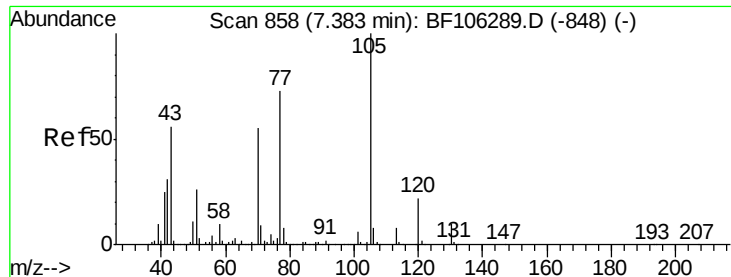
105 86.7 81.1 121.1

106 78.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

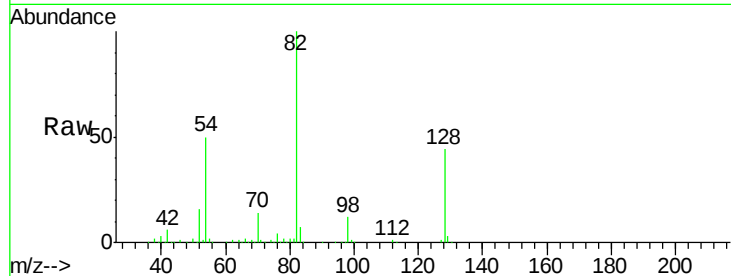




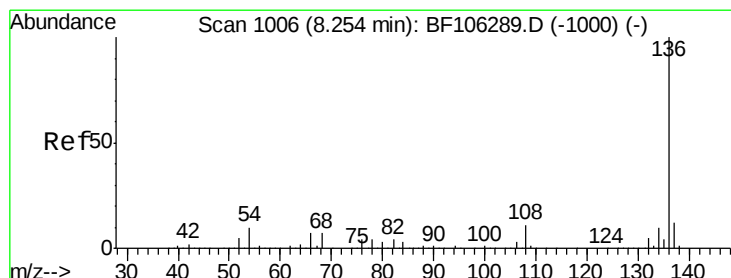
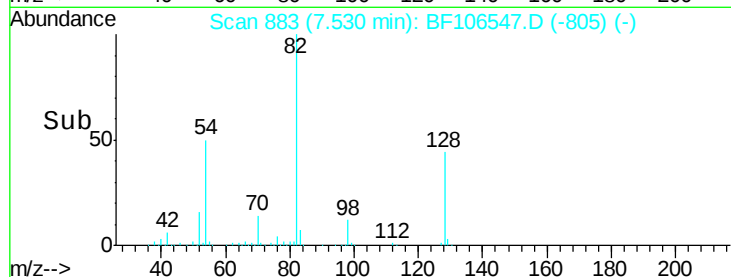
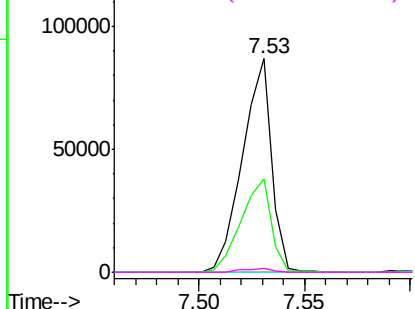
#19
n-Nitroso-di-n-propylamine
Concen: 12.738 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106547.D
Acq: 18 Jun 2018 19:09

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tgt Ion: 70 Resp: 82698
Ion Ratio Lower Upper
70 100
42 43.5 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#

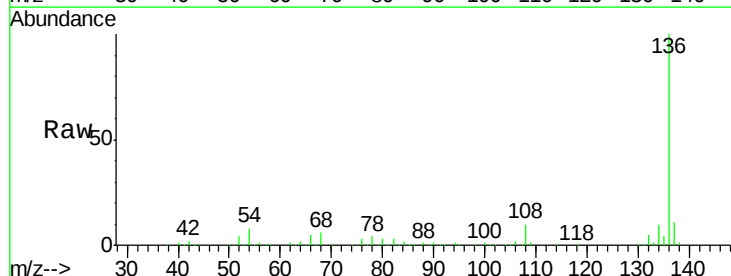


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

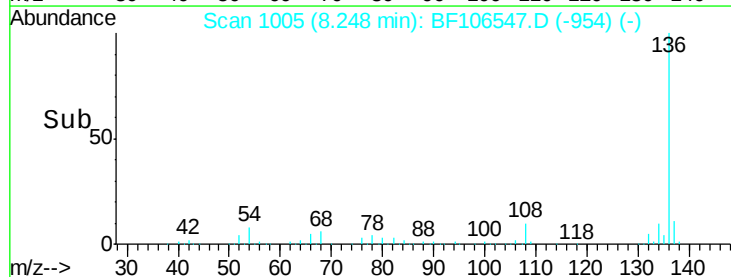
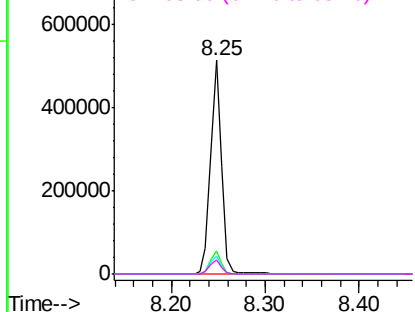


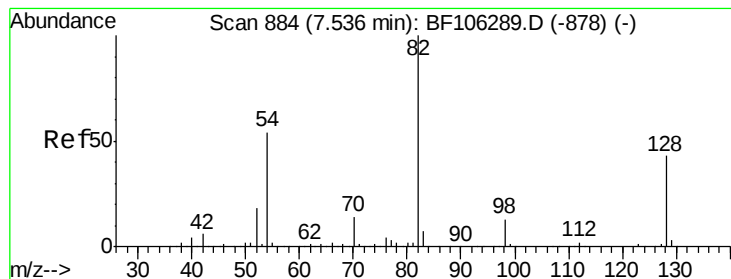
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106547.D
Acq: 18 Jun 2018 19:09

Tgt Ion:136 Resp: 432340
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.5 6.6 9.8
68 6.4 5.0 7.4



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





#23

Nitrobenzene-d5

Concen: 83.630 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

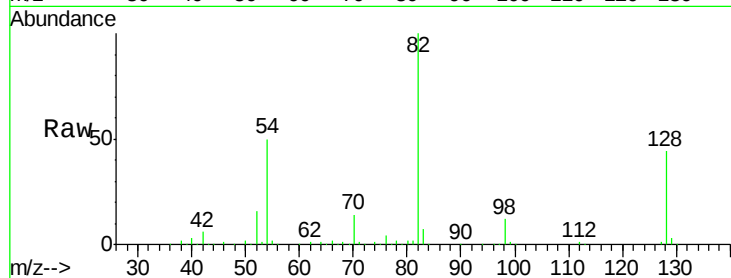
Tgt Ion: 82 Resp: 614611

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

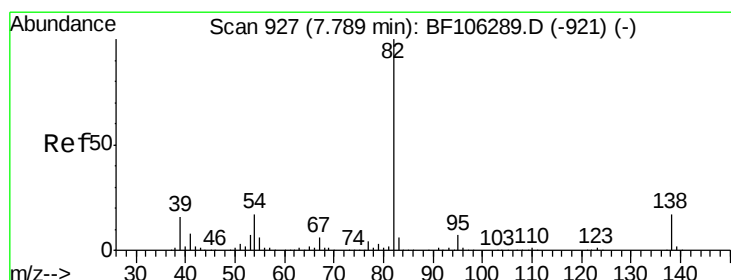
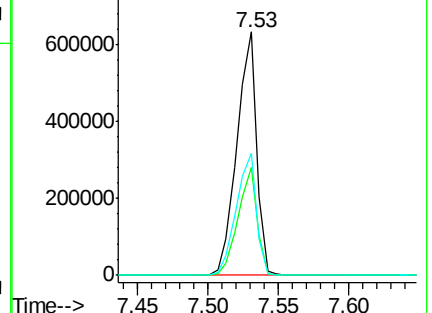
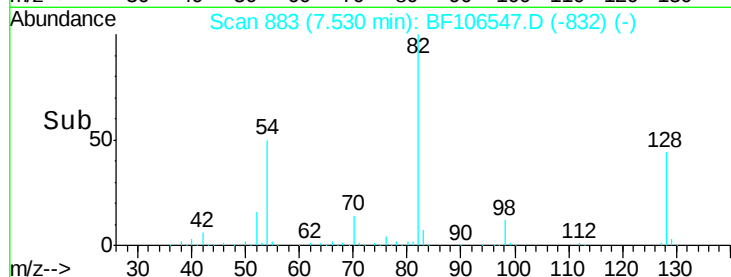
54 50.3 41.4 62.2



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: 42.815 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

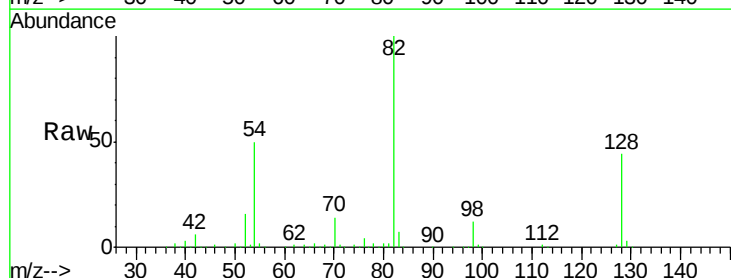
Tgt Ion: 82 Resp: 614599

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

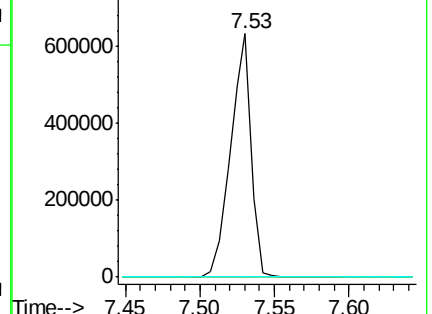
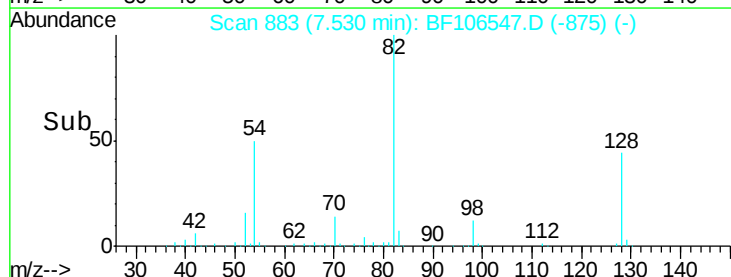
138 0.0 14.9 22.3#

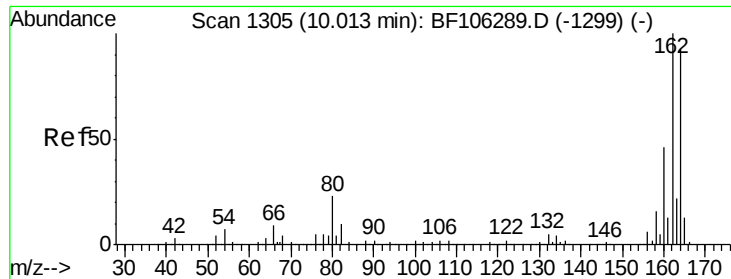


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

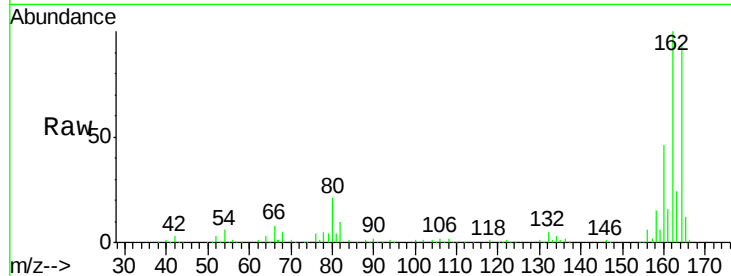
Tgt Ion:164 Resp: 178374

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

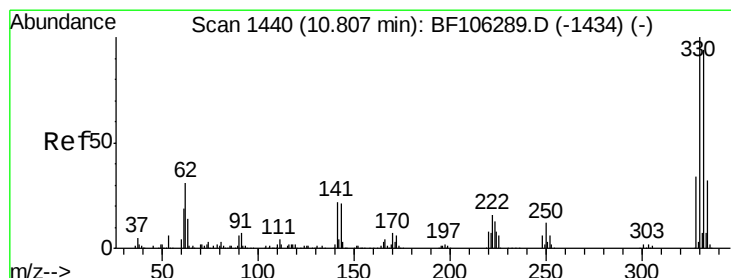
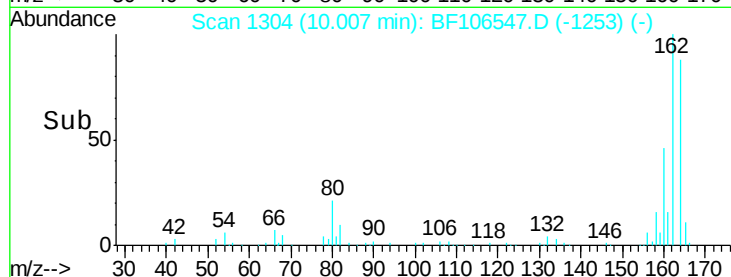
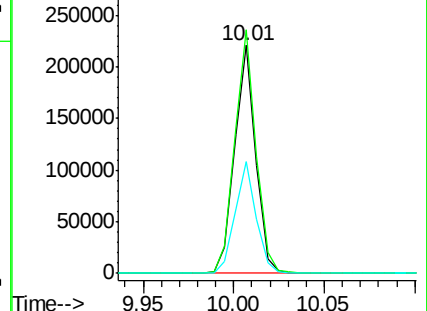
160 48.7 38.3 57.5



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: 119.261 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

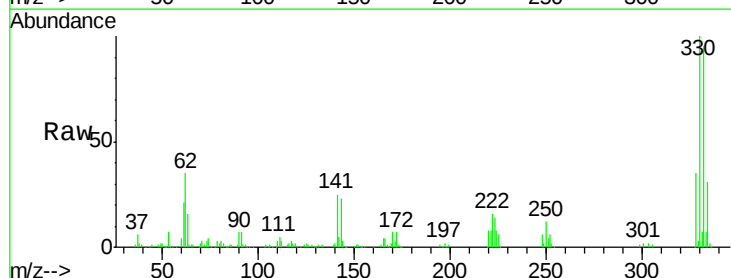
Tgt Ion:330 Resp: 204684

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

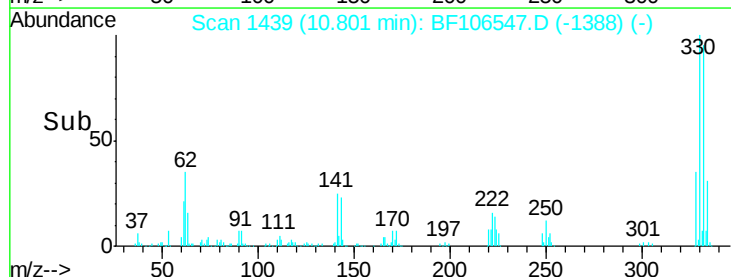
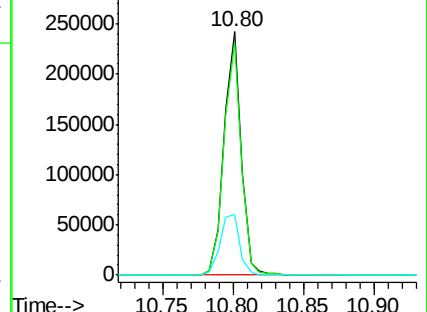
141 28.4 29.9 44.9#

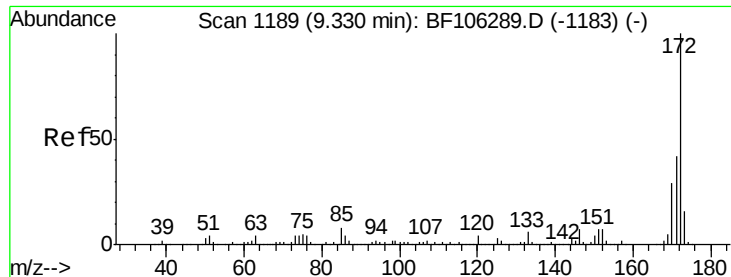


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

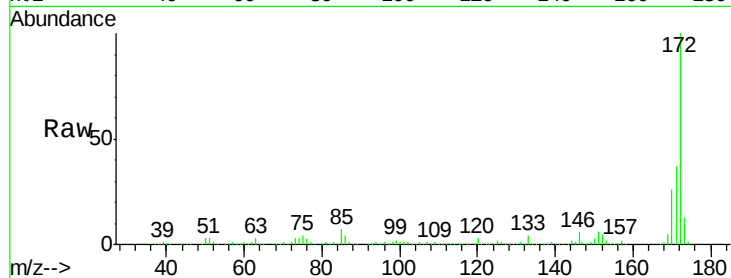




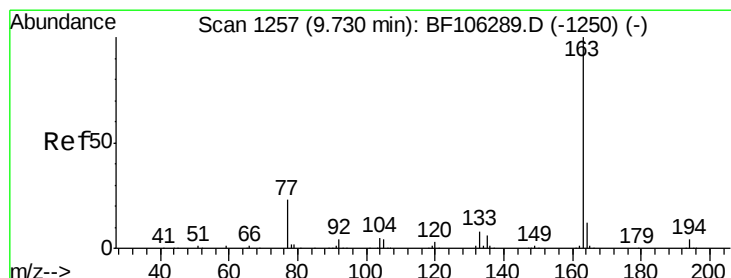
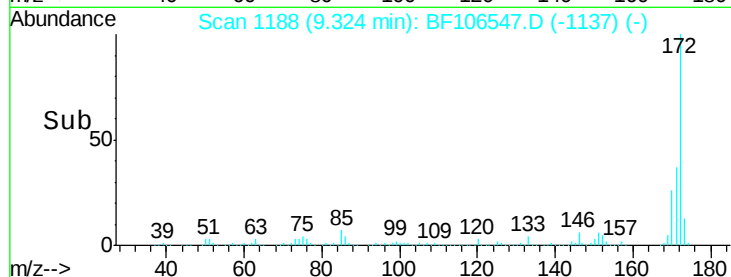
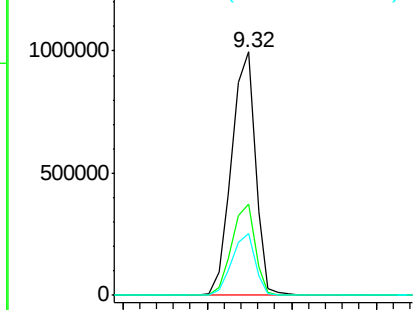
#44
 2-Fluorobiphenyl
 Concen: 105.090 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106547.D
 Acq: 18 Jun 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tgt Ion:172 Resp: 981702
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 25.5 19.6 29.4

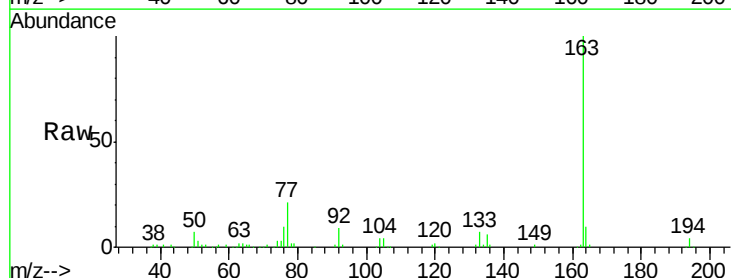


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

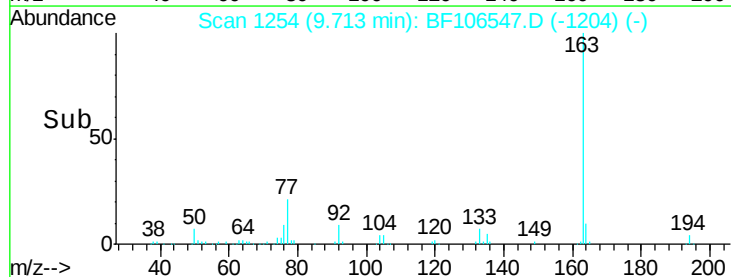
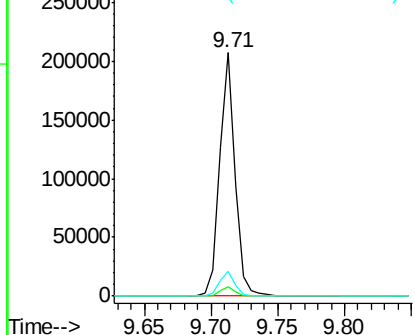


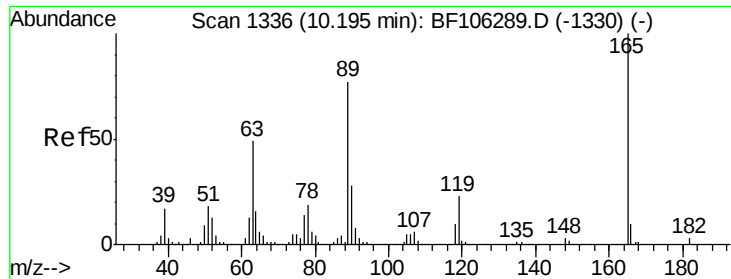
#49
 Dimethylphthalate
 Concen: 13.265 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106547.D
 Acq: 18 Jun 2018 19:09

Tgt Ion:163 Resp: 169043
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 9.9 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

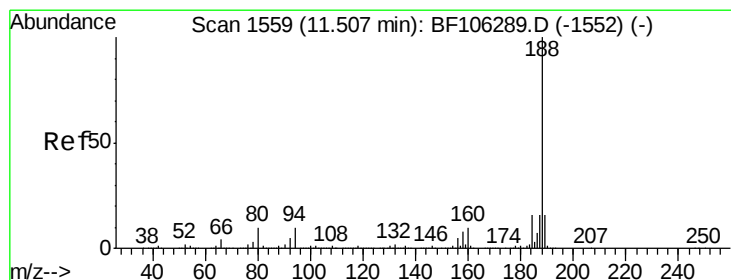
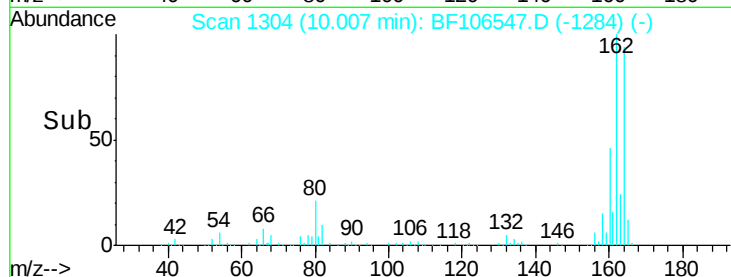
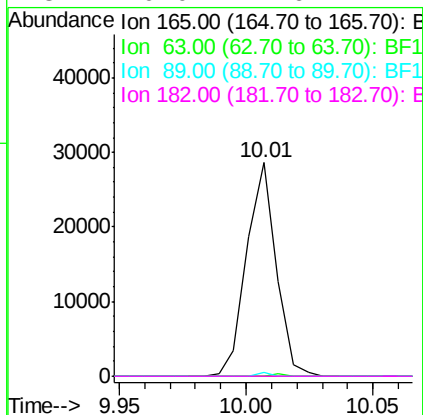
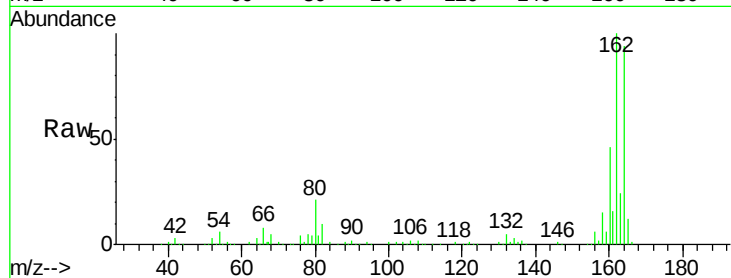




#56
 2,4-Dinitrotoluene
 Concen: 7.106 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106547.D
 Acq: 18 Jun 2018 19:09

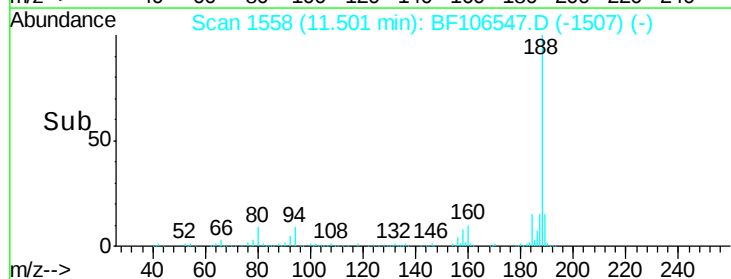
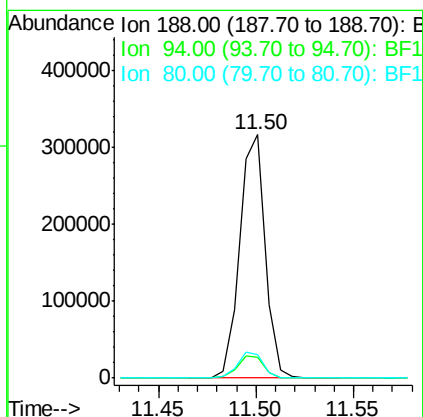
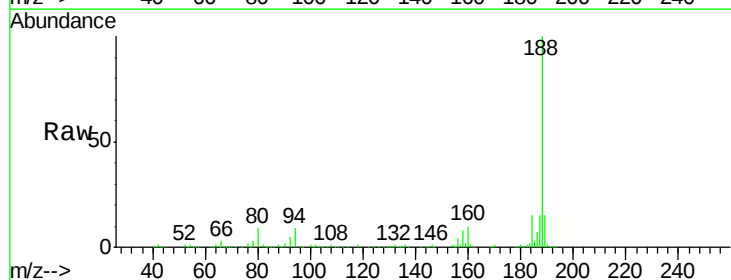
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

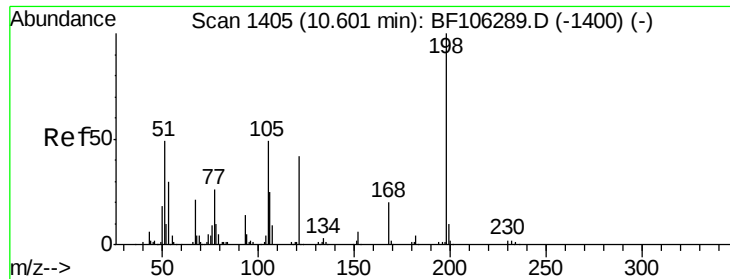
Tgt Ion:	165	Resp:	23229
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF106547.D
 Acq: 18 Jun 2018 19:09

Tgt Ion:	188	Resp:	285318
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8

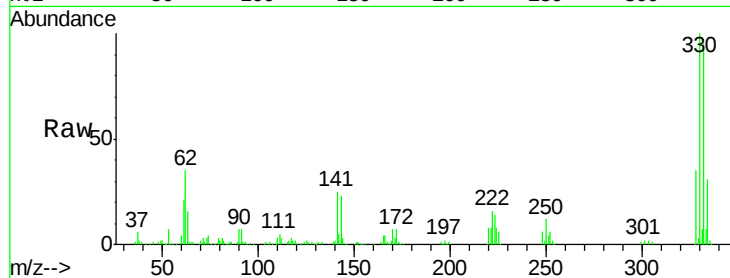




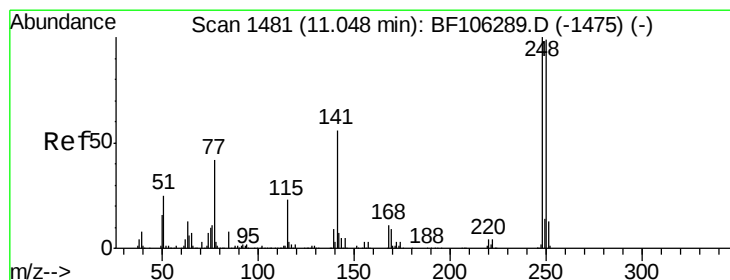
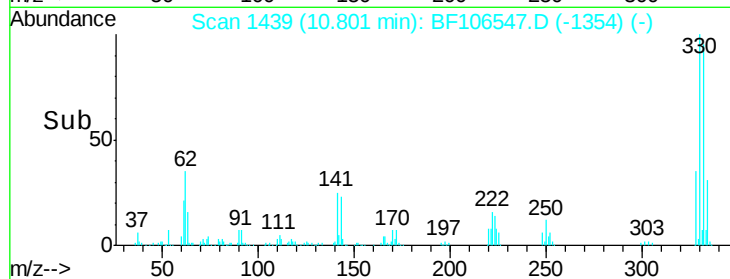
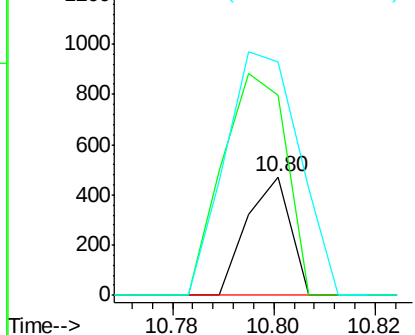
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.453 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106547.D
 Acq: 18 Jun 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tgt Ion:198 Resp: 280
 Ion Ratio Lower Upper
 198 100
 51 169.1 37.7 77.7#
 105 196.4 36.3 76.3#

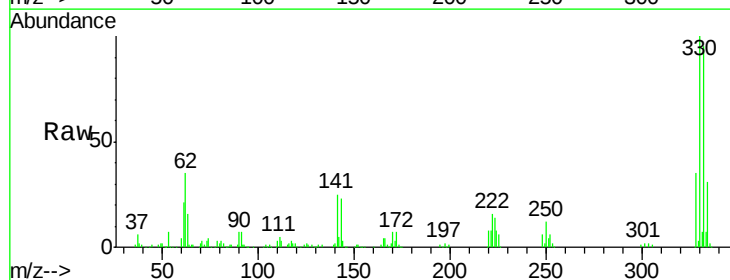


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

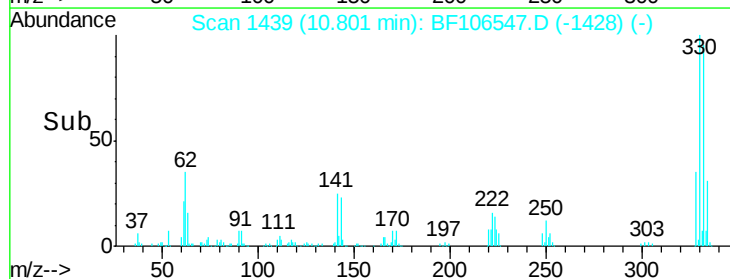
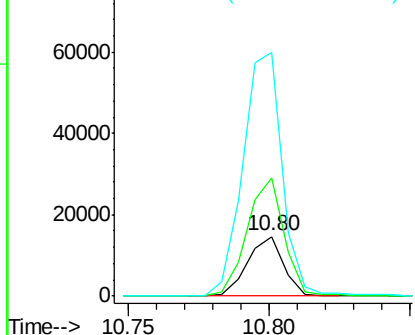


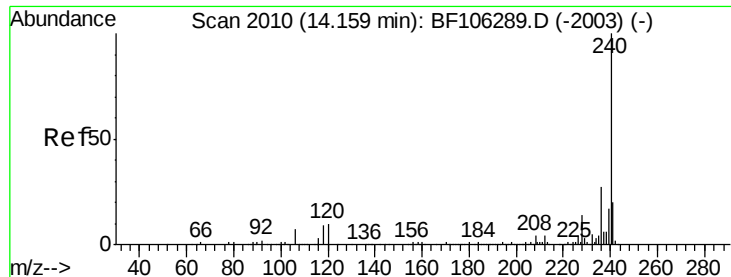
#66
 4-Bromophenyl-phenylether
 Concen: 3.995 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106547.D
 Acq: 18 Jun 2018 19:09

Tgt Ion:248 Resp: 12966
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 408.8 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. -0.00 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

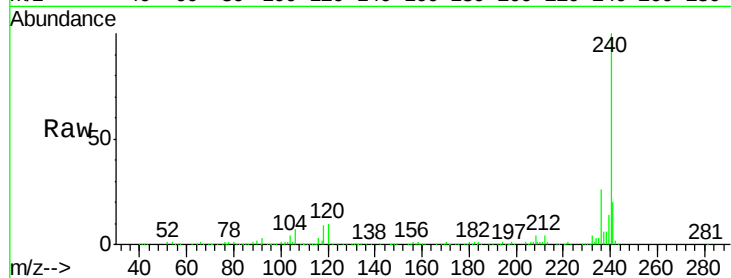
Tgt Ion:240 Resp: 279544

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

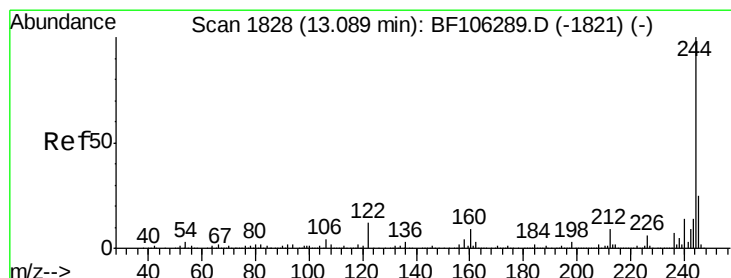
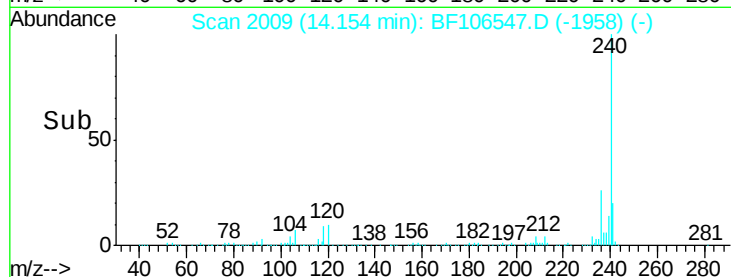
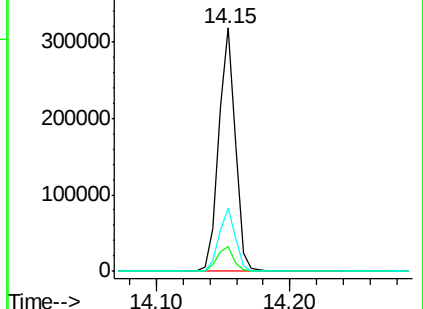
236 26.1 20.7 31.1



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: 72.819 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106547.D

Acq: 18 Jun 2018 19:09

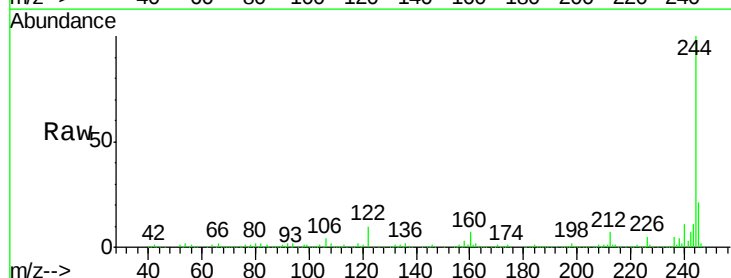
Tgt Ion:244 Resp: 819566

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

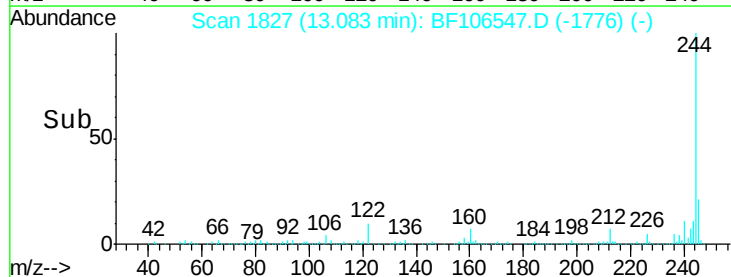
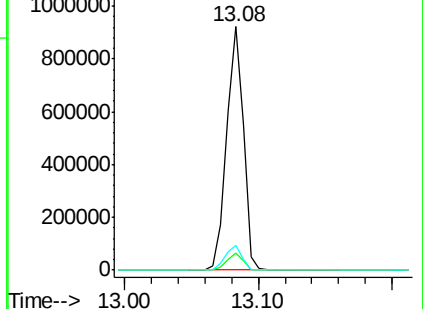
122 10.3 11.0 16.4#

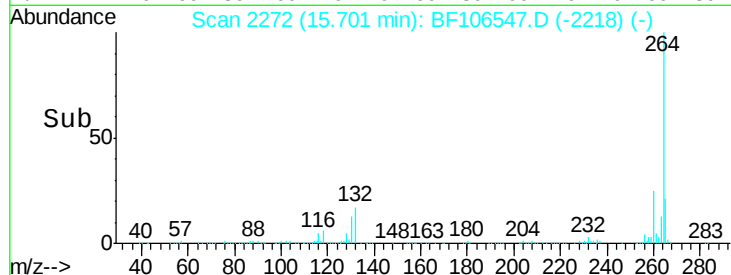
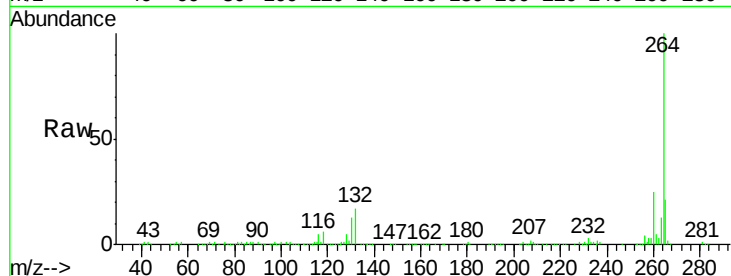
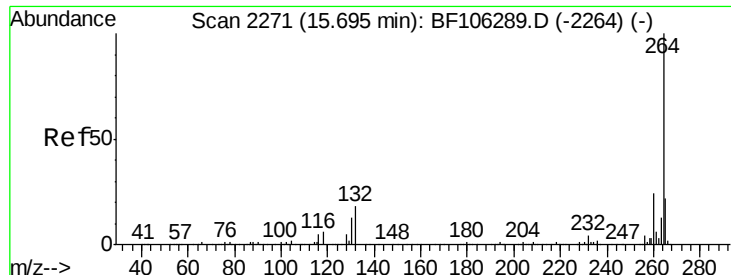


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106547.D
Acq: 18 Jun 2018 19:09

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.1	17.5	26.3

