

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106520.D
 Acq On : 16 Jun 2018 4:44
 Operator : JU/SJ
 Sample : J3449-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Jun 16 05:49:41 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

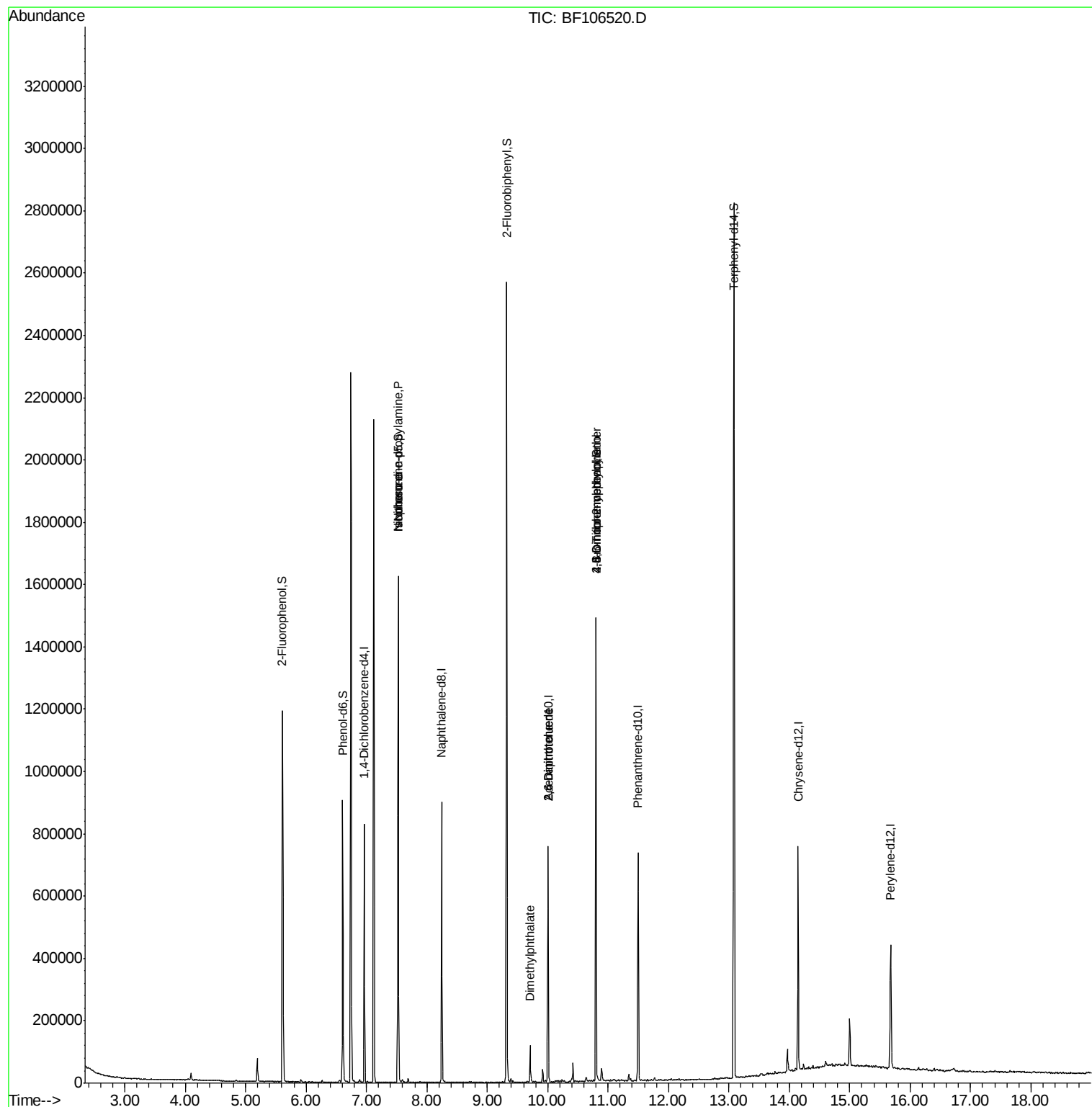
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	104750	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	356251	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	139867	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	260683	20.00	ng	0.00
75) Chrysene-d12	14.15	240	265370	20.00	ng	0.00
86) Perylene-d12	15.68	264	184313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	358392	57.91	ng	0.00
7) Phenol-d6	6.61	99	272562	34.86	ng	0.00
23) Nitrobenzene-d5	7.53	82	564704	93.25	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	189734	140.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	884112	133.32	ng	0.00
78) Terphenyl-d14	13.08	244	1001143	93.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	77203	13.160	ng	# 72
25) Isophorone	7.53	82	564694	47.741	ng	# 64
49) Dimethylphthalate	9.71	163	45829	4.586	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	17722	8.682	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	17722	6.914	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	361	6.518	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	12799	4.317	ng	# 1

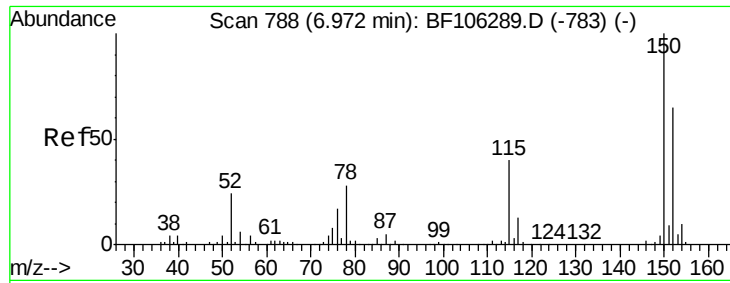
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 33 Sample Multiplier: 1

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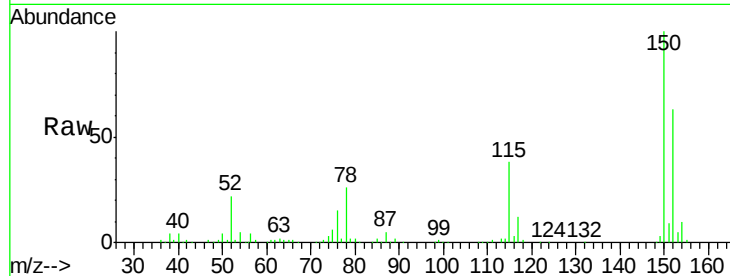




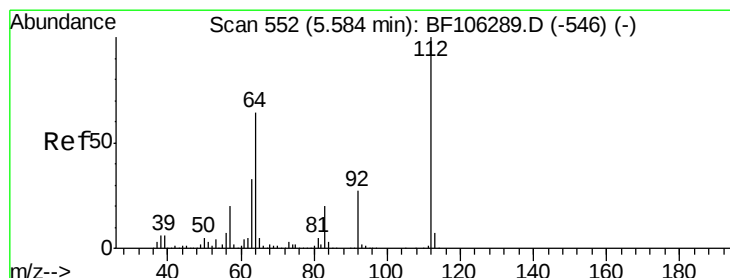
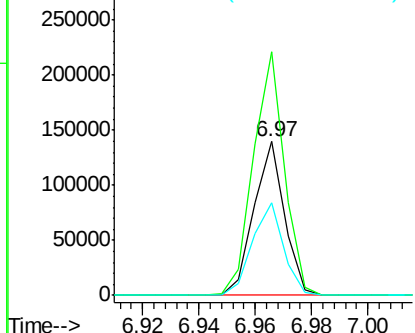
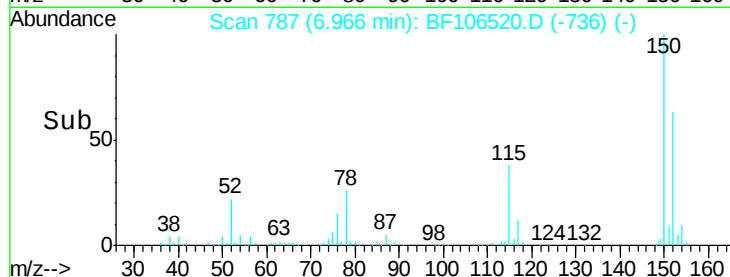
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF106520.D
 Acq: 16 Jun 2018 4:44

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion:152 Resp: 104750
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 60.5 50.1 75.1

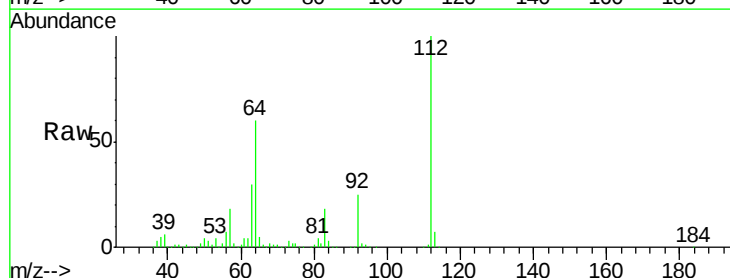


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

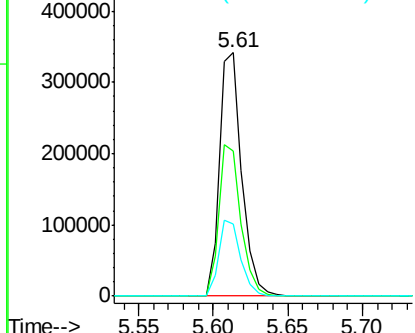
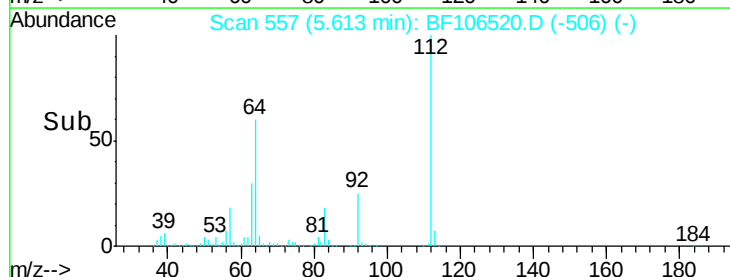


#5
 2-Fluorophenol
 Concen: 57.907 ng
 RT: 5.61 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF106520.D
 Acq: 16 Jun 2018 4:44

Tgt Ion:112 Resp: 358392
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 29.7 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: 34.858 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

Instrument :

BNA_F

ClientSampleId :

W-23

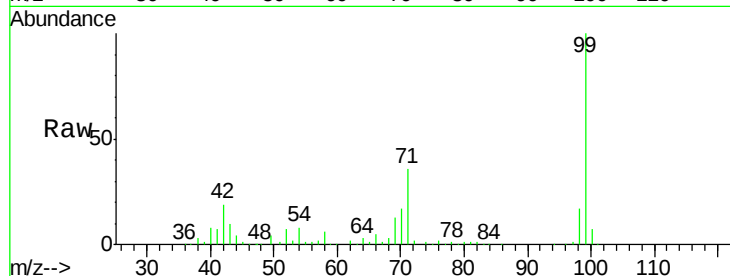
Tgt Ion: 99 Resp: 272562

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

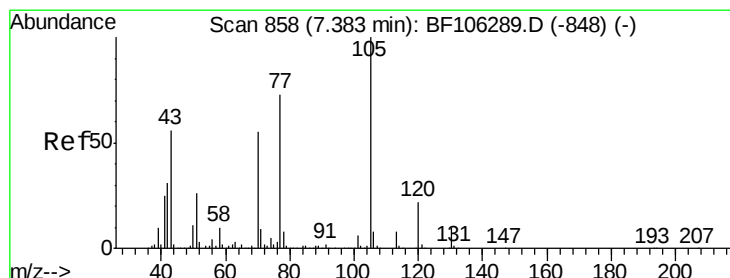
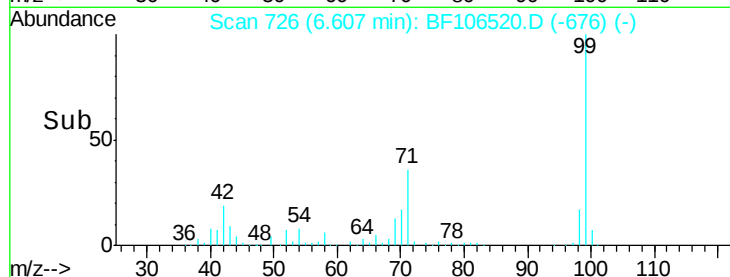
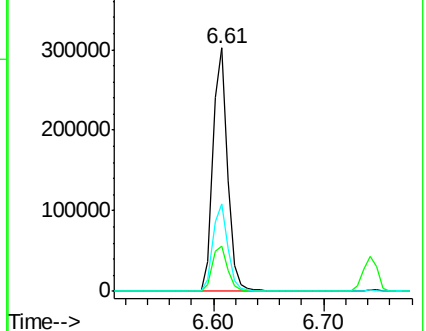
71 36.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.160 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

Tgt Ion: 70 Resp: 77203

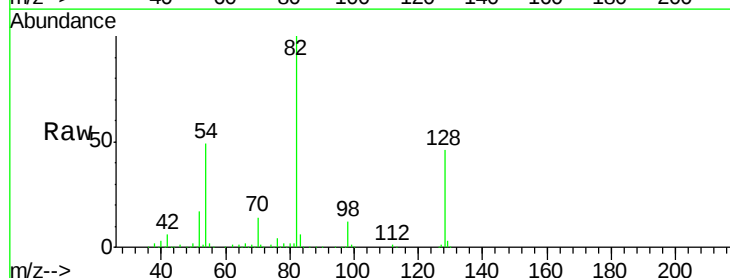
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

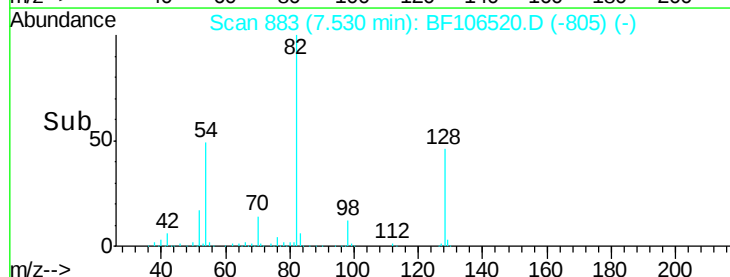
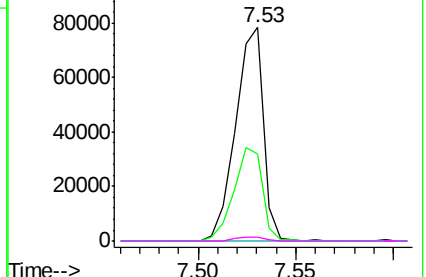


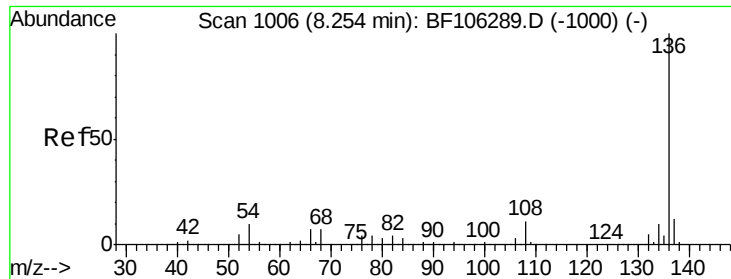
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

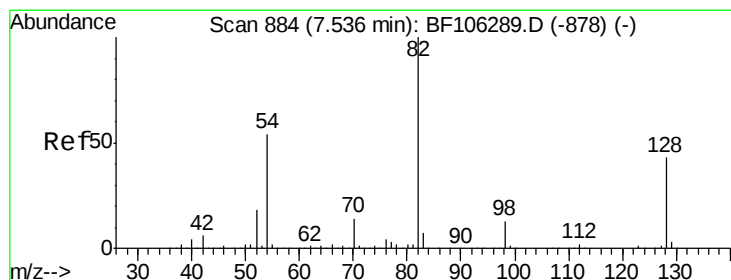
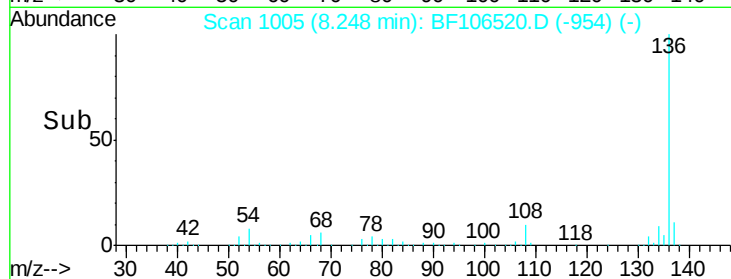
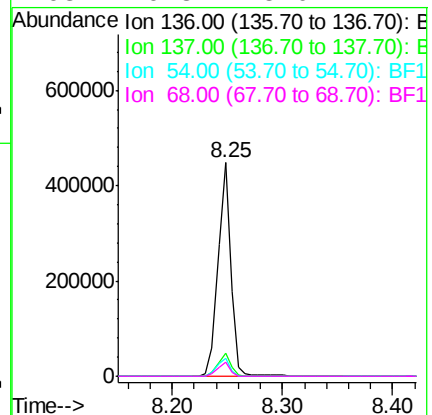
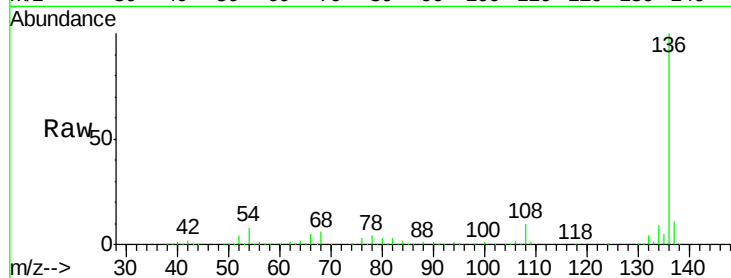




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106520.D
Acq: 16 Jun 2018 4:44

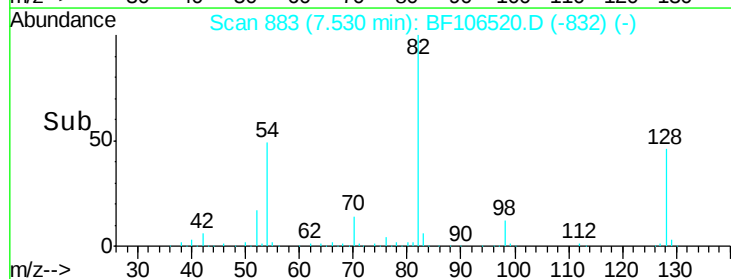
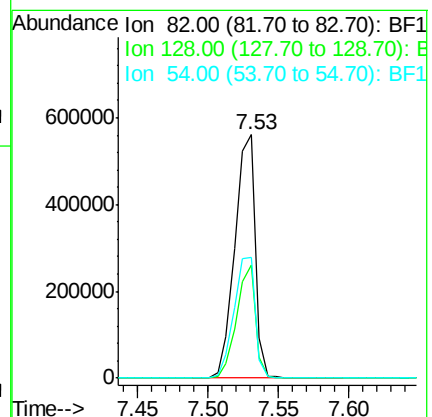
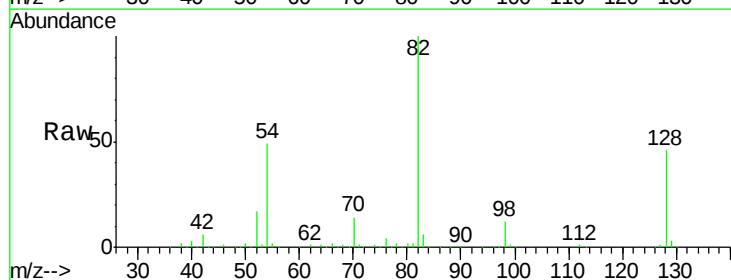
Instrument :
BNA_F
ClientSampleId :
W-23

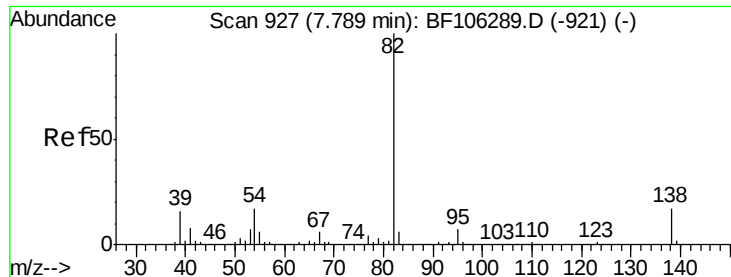
Tgt Ion:	136	Resp:	356251
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.251 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF106520.D
Acq: 16 Jun 2018 4:44

Tgt Ion:	82	Resp:	564704
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	49.5	41.4	62.2





#25

Isophorone

Concen: 47.741 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

Instrument :

BNA_F

ClientSampleId :

W-23

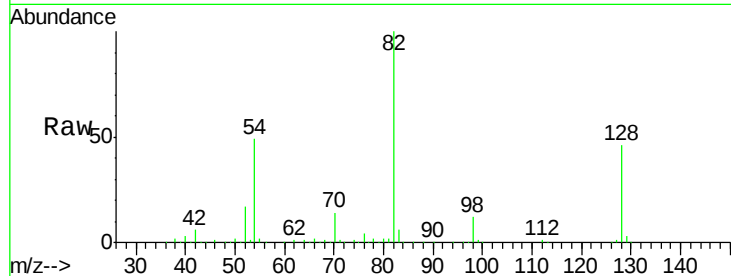
Tgt Ion: 82 Resp: 564694

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

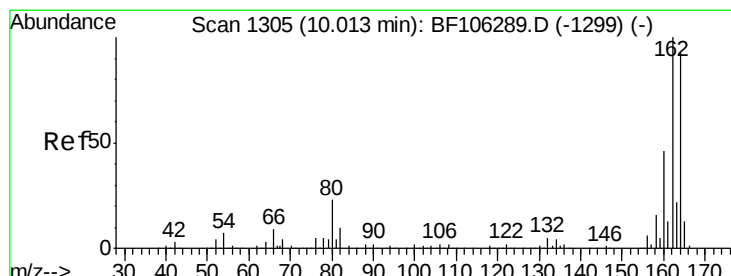
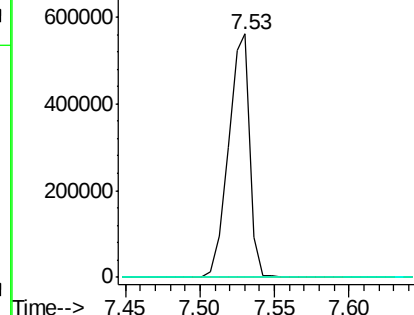
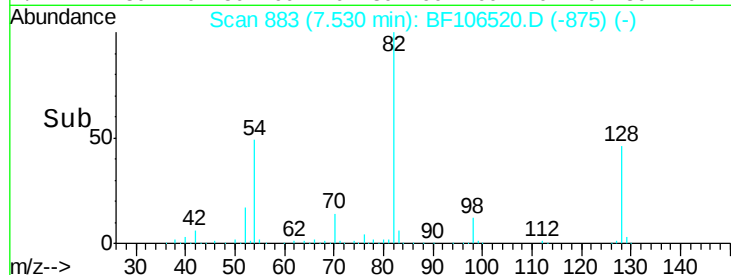
138 0.0 14.9 22.3#



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: BF106520.D

Acq: 16 Jun 2018 4:44

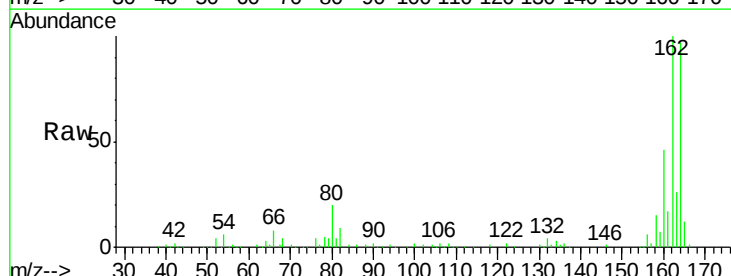
Tgt Ion: 164 Resp: 139867

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

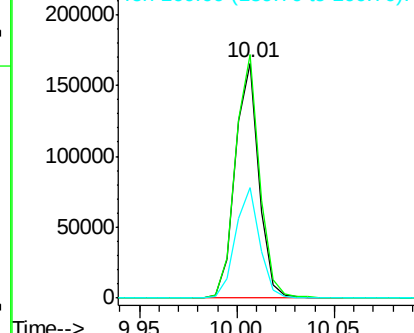
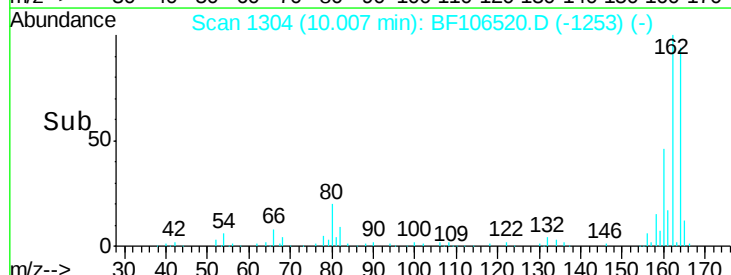
160 47.1 38.3 57.5

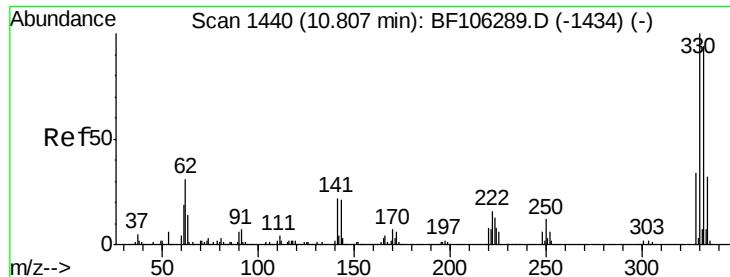


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

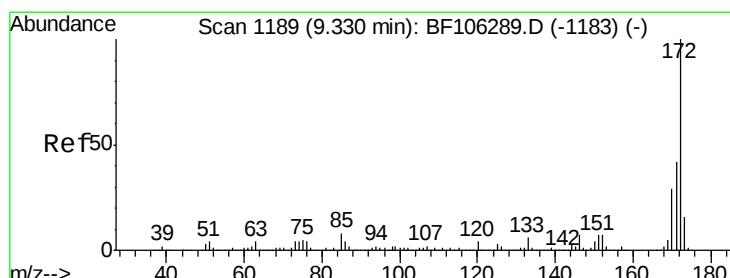
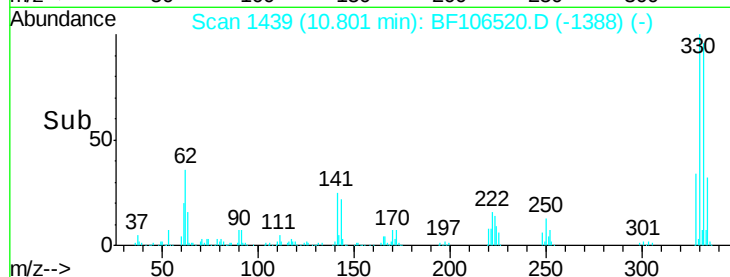
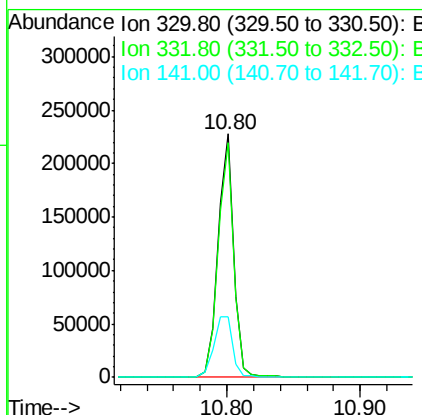
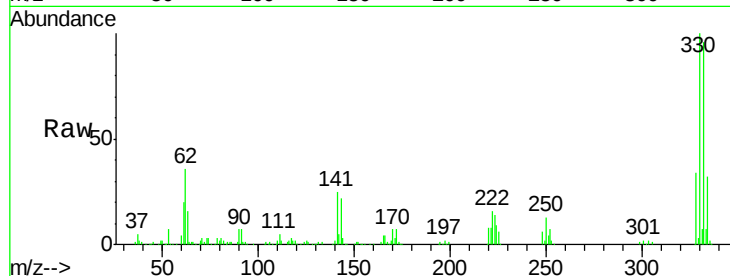




#41
 2,4,6-Tribromophenol
 Concen: 140.986 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106520.D
 Acq: 16 Jun 2018 4:44

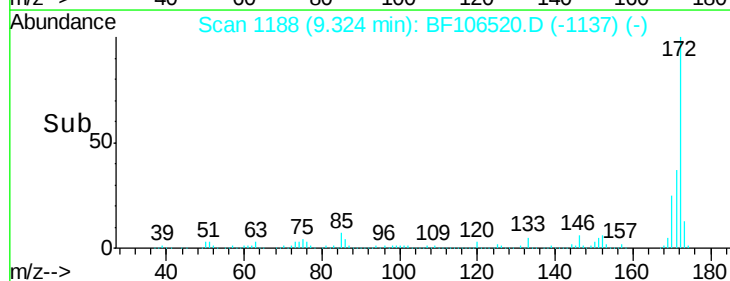
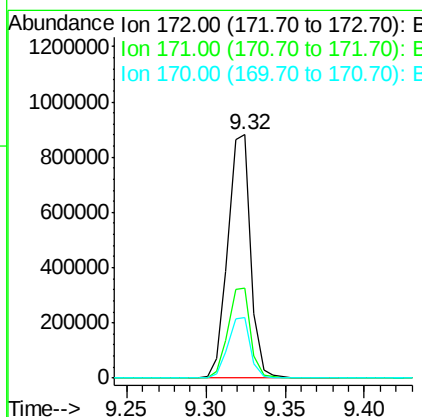
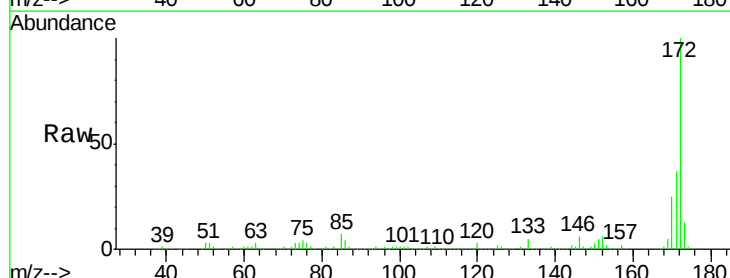
Instrument :
 BNA_F
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 W-23

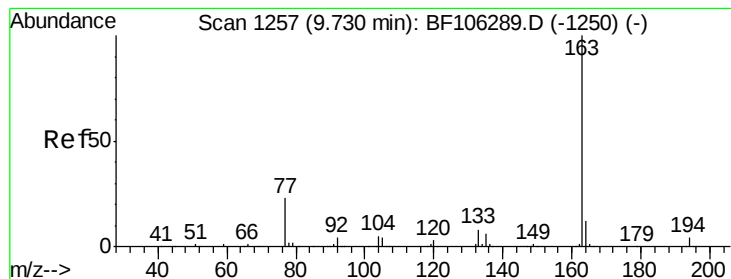
Tgt Ion:330 Resp: 189734
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 29.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 133.319 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106520.D
 Acq: 16 Jun 2018 4:44

Tgt Ion:172 Resp: 884112
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.0 19.6 29.4





#49

Dimethylphthalate

Concen: 4.586 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

Instrument :

BNA_F

ClientSampleId :

W-23

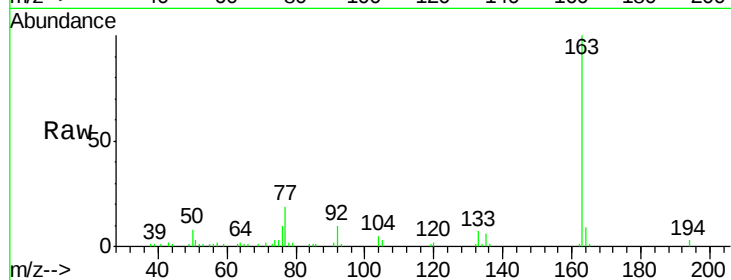
Tgt Ion:163 Resp: 45829

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

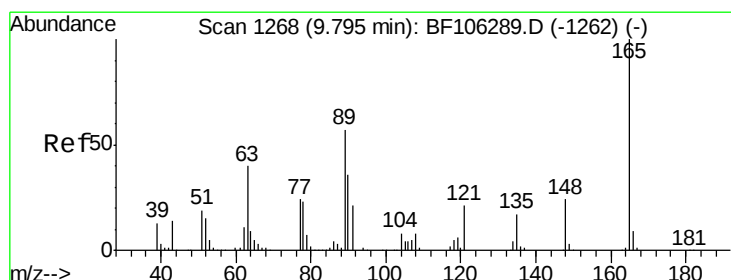
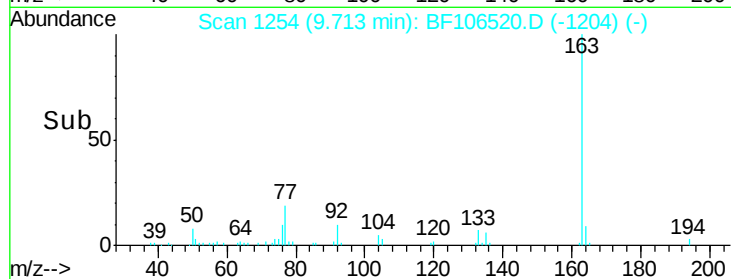
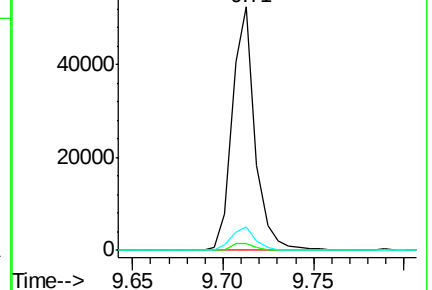
164 9.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.682 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.22 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

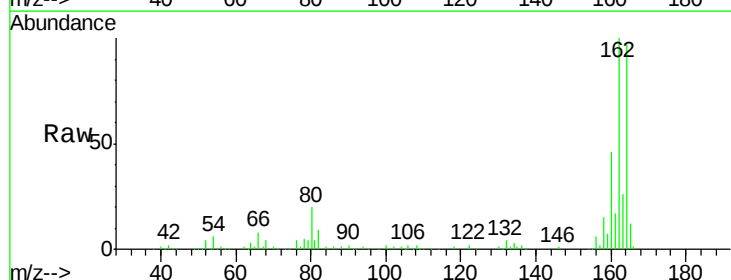
Tgt Ion:165 Resp: 17722

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

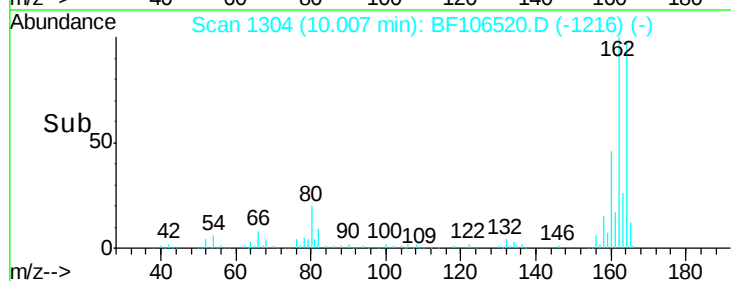
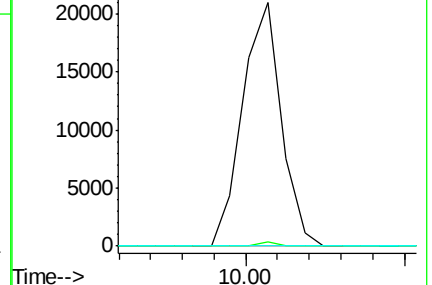
89 0.0 44.0 66.0#

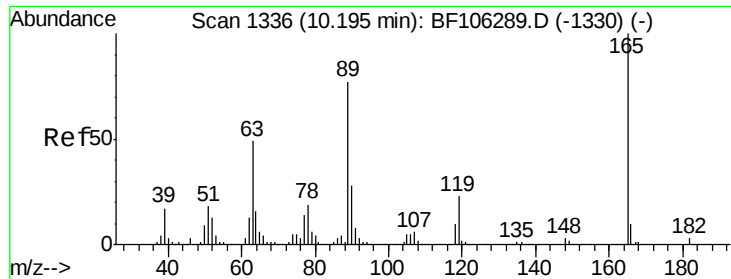


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

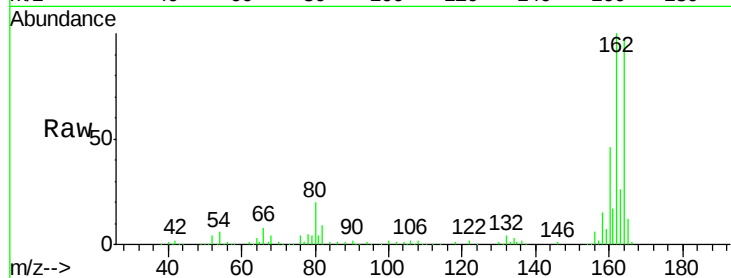




#56
2,4-Dinitrotoluene
Concen: 6.914 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106520.D
Acq: 16 Jun 2018 4:44

Instrument :
BNA_F
ClientSampleId :
W-23

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

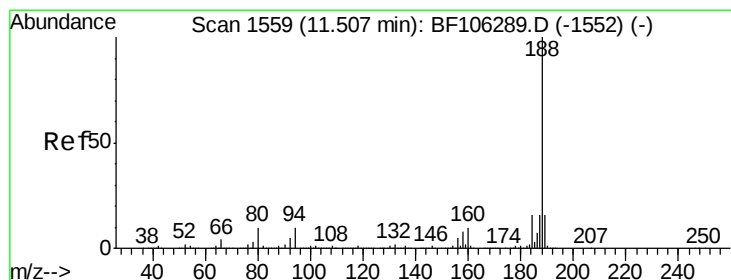
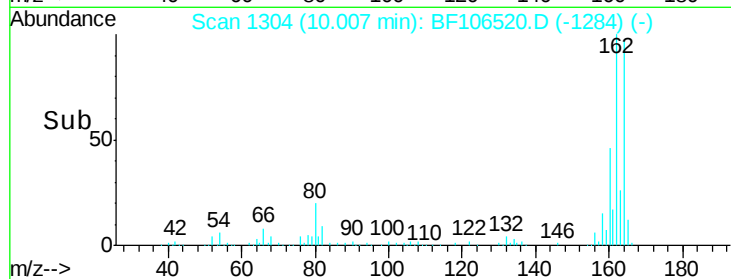
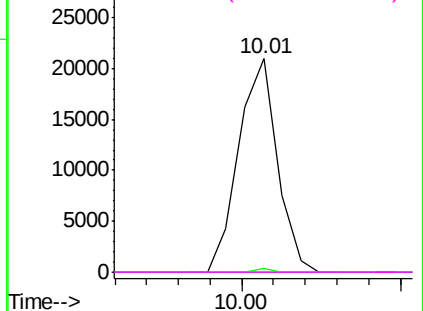


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

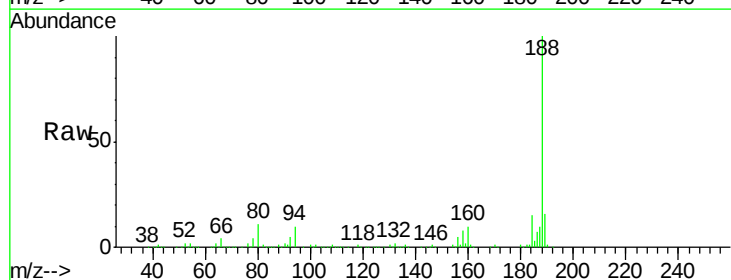
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106520.D
Acq: 16 Jun 2018 4:44

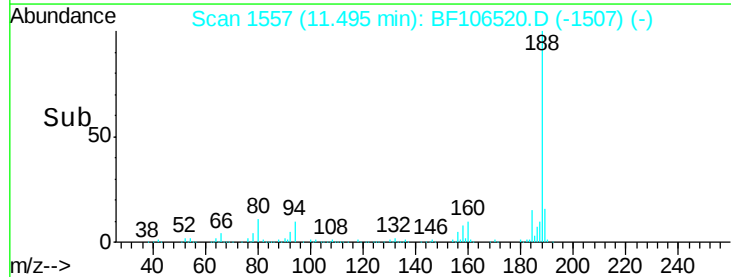
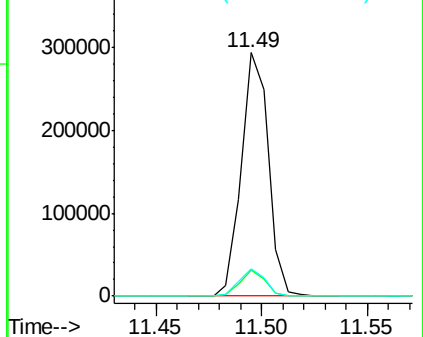
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

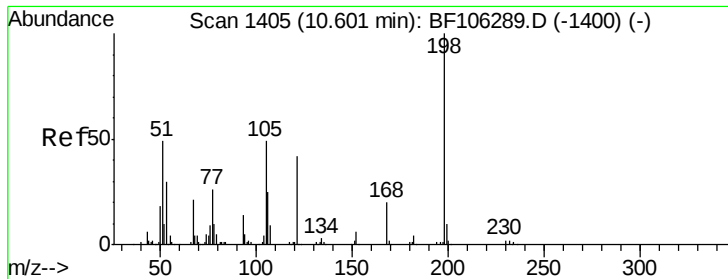


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 6.518 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

Instrument :

BNA_F

ClientSampleId :

W-23

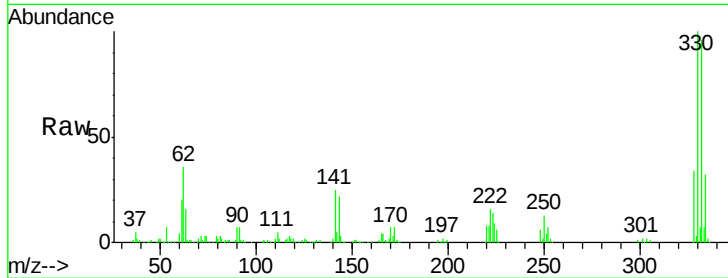
Tgt Ion:198 Resp: 361

Ion Ratio Lower Upper

198 100

51 137.7 37.7 77.7#

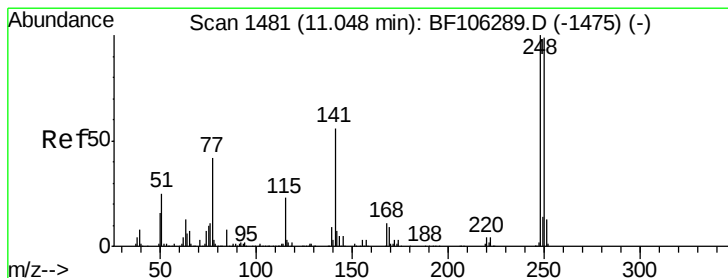
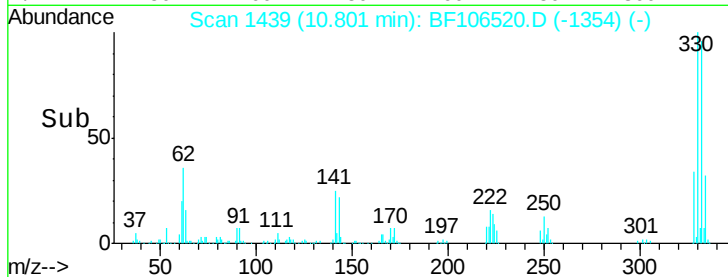
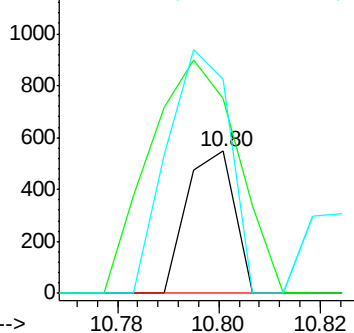
105 150.5 36.3 76.3#



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: 4.317 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

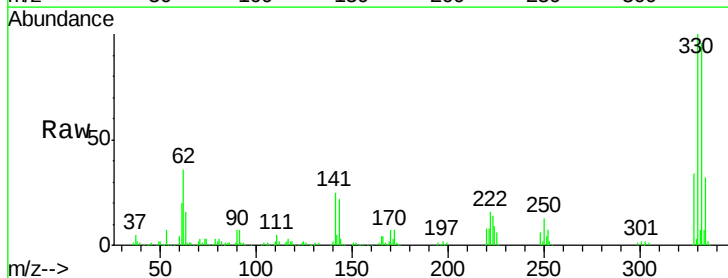
Tgt Ion:248 Resp: 12799

Ion Ratio Lower Upper

248 100

250 210.6 76.9 115.3#

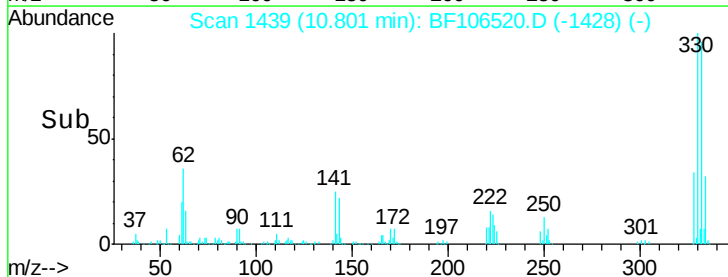
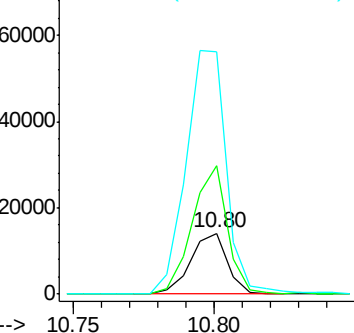
141 399.9 74.4 111.6#

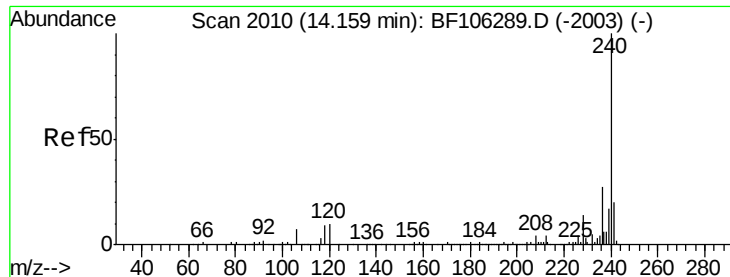


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2008

Delta R.T. -0.01 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

Instrument :

BNA_F

ClientSampleId :

W-23

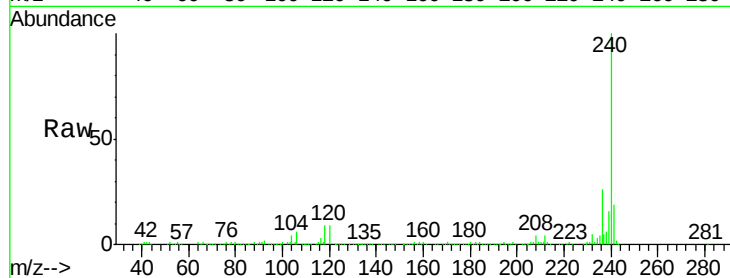
Tgt Ion:240 Resp: 265370

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

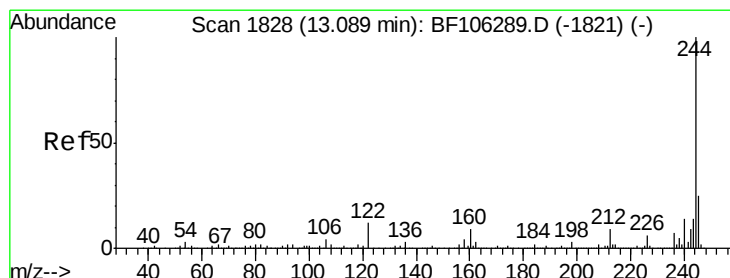
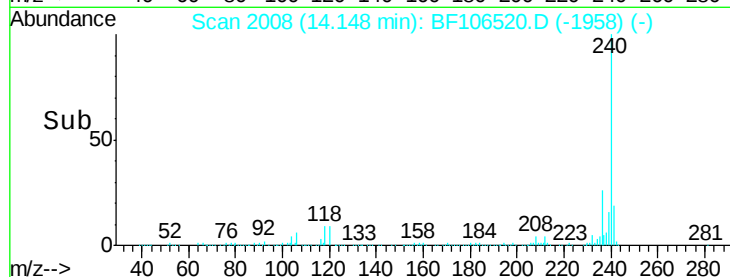
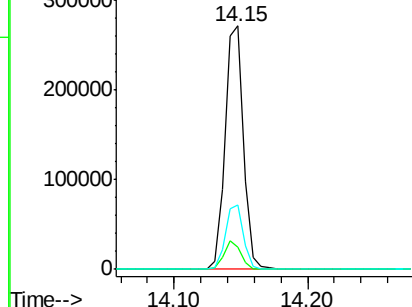
236 26.4 20.7 31.1



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: 93.704 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106520.D

Acq: 16 Jun 2018 4:44

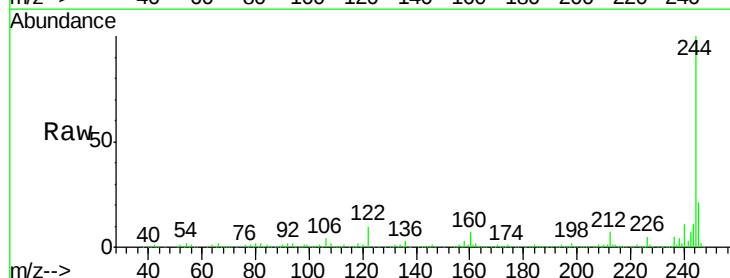
Tgt Ion:244 Resp: 1001143

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

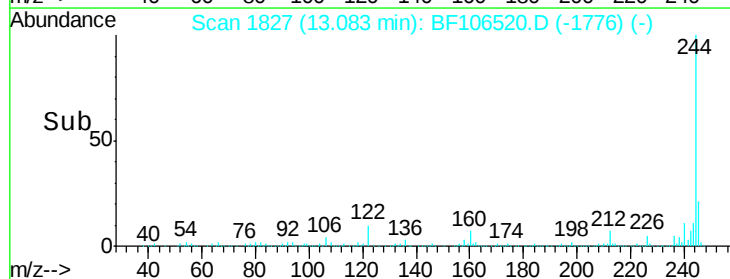
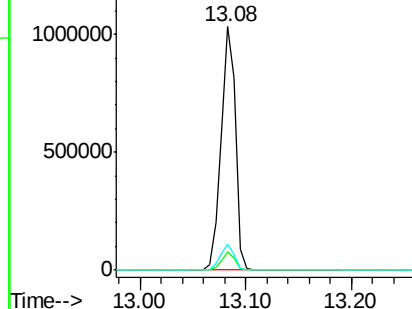
122 10.5 11.0 16.4#

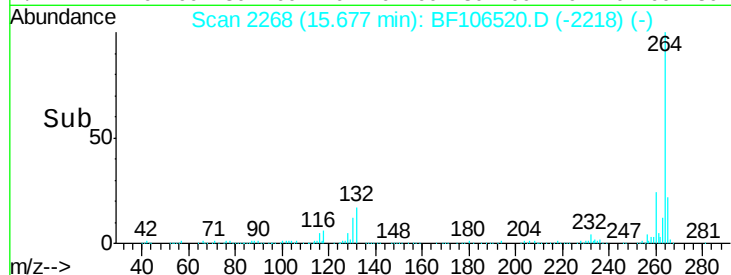
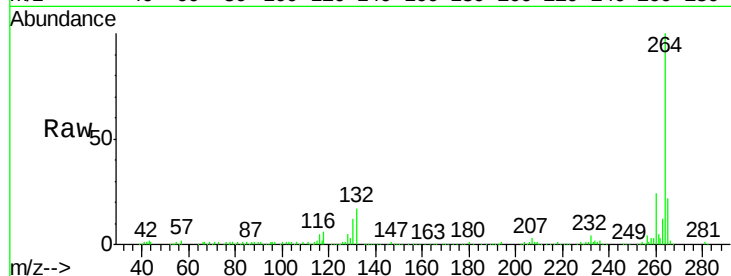
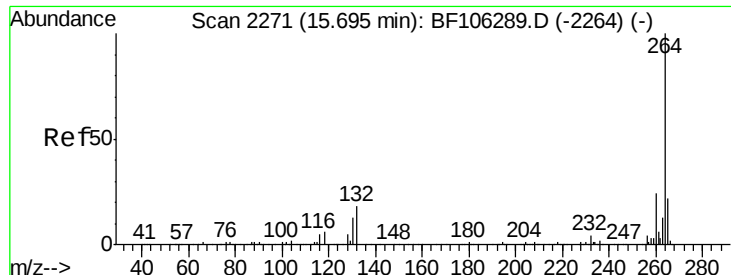


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106520.D
Acq: 16 Jun 2018 4:44

Instrument :
BNA_F
ClientSampleId :
W-23

Tgt Ion:	264	Resp:	184313
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

