

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106561.D
 Acq On : 19 Jun 2018 2:23
 Operator : JU/SJ
 Sample : J3562-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:26:16 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

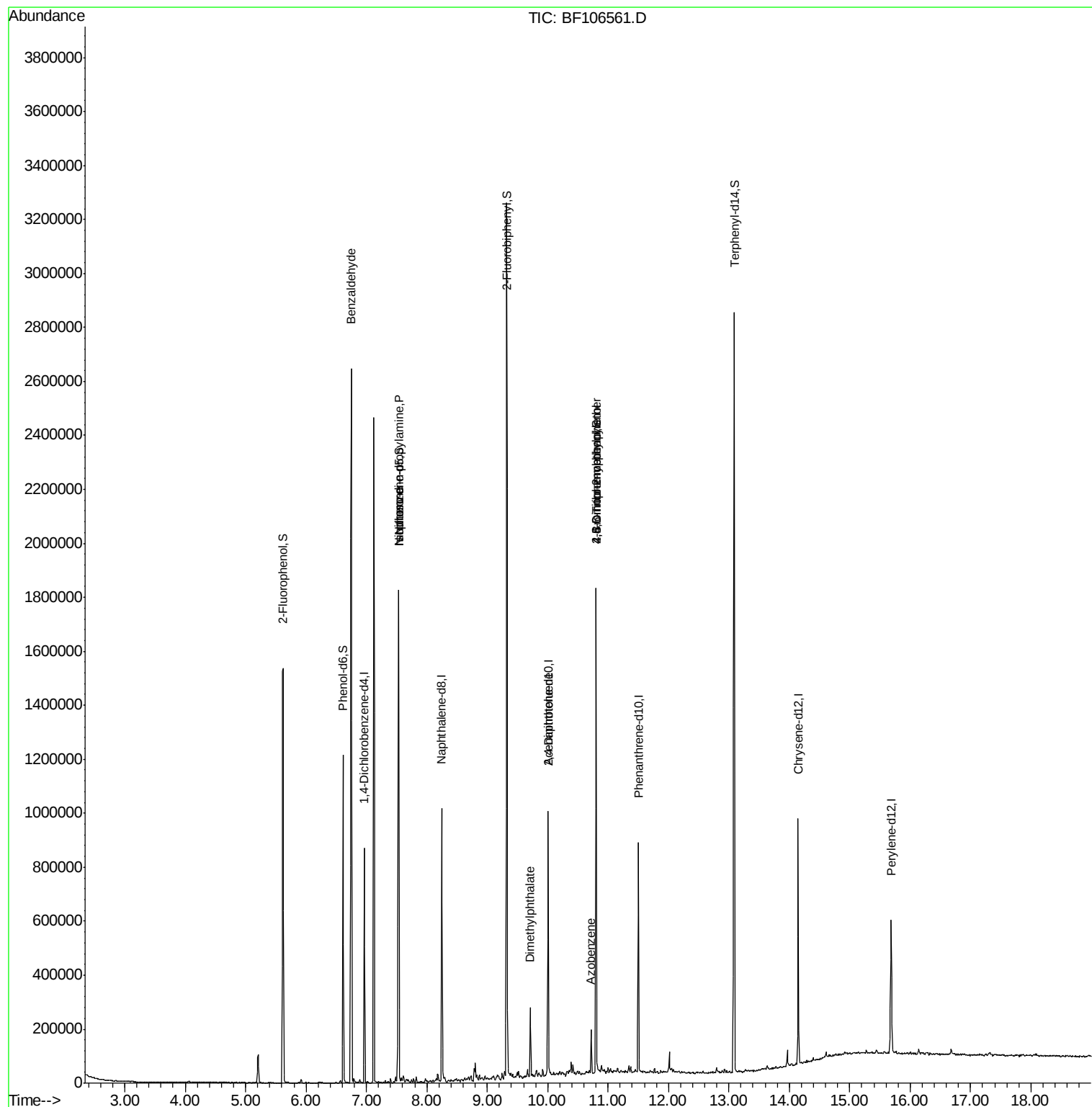
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	114605	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	418908	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	179052	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	286198	20.00	ng	0.00
75) Chrysene-d12	14.15	240	298025	20.00	ng	0.00
86) Perylene-d12	15.68	264	261129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	449862	66.44	ng	0.00
7) Phenol-d6	6.61	99	354613	41.45	ng	0.00
23) Nitrobenzene-d5	7.53	82	718724	100.93	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	253038	146.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1140385	135.26	ng	0.00
78) Terphenyl-d14	13.09	244	1051021	87.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	16219	2.499	ng	85
19) n-Nitroso-di-n-propylamine	7.53	70	96542	15.042	ng	# 74
25) Isophorone	7.53	82	718836	51.683	ng	# 64
49) Dimethylphthalate	9.71	163	92322	7.217	ng	99
56) 2,4-Dinitrotoluene	10.01	165	23200	7.070	ng	# 24
62) Azobenzene	10.72	77	27206	2.055	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	362	6.499	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	16089	4.943	ng	# 1

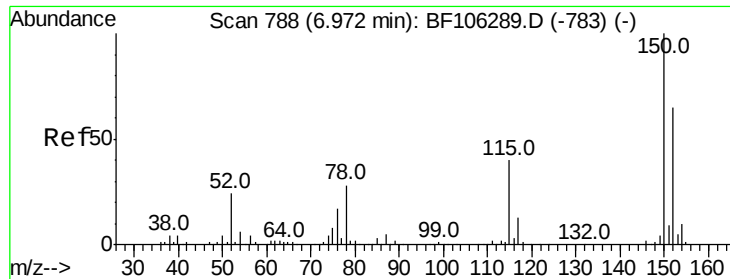
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106561.D
Acq On : 19 Jun 2018 2:23
Operator : JU/SJ
Sample : J3562-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 19 08:26:16 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



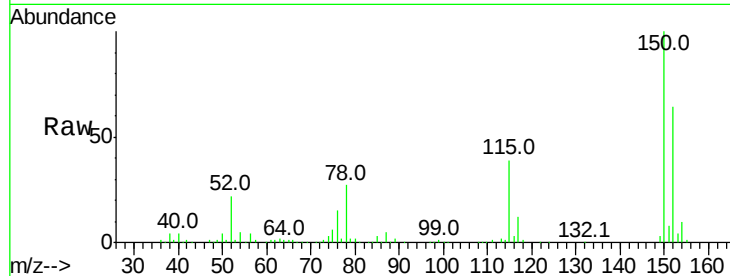


#1

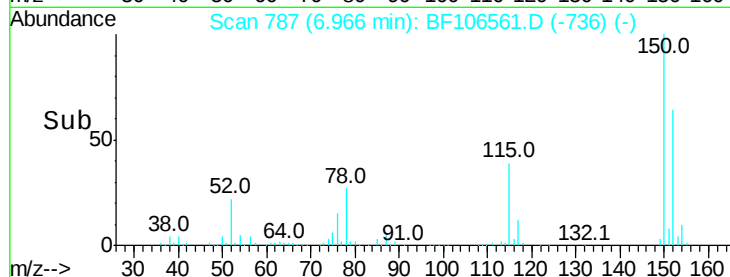
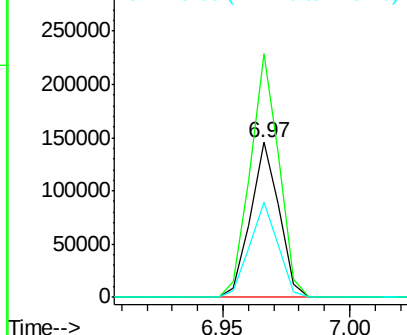
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114605
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.5 50.1 75.1



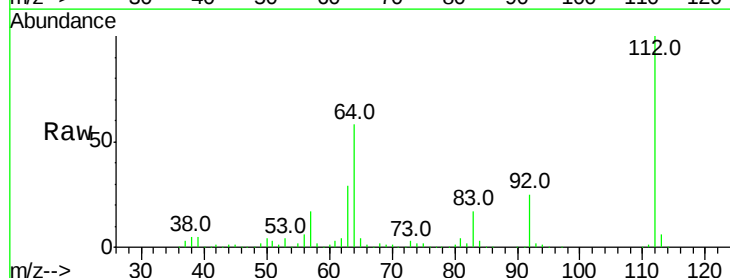
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



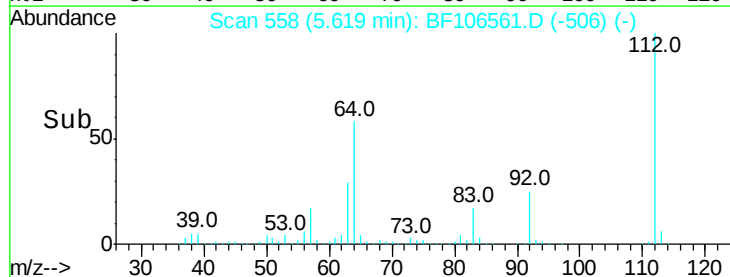
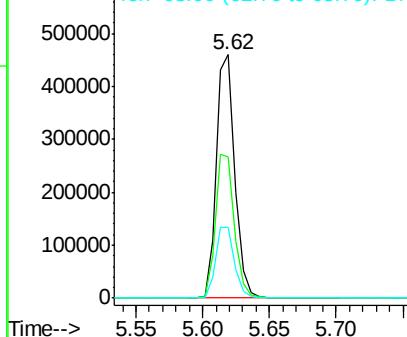
#5

2-Fluorophenol
Concen: 66.436 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Tgt Ion:112 Resp: 449862
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.2 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: 41.451 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

Instrument :

BNA_F

ClientSampled :

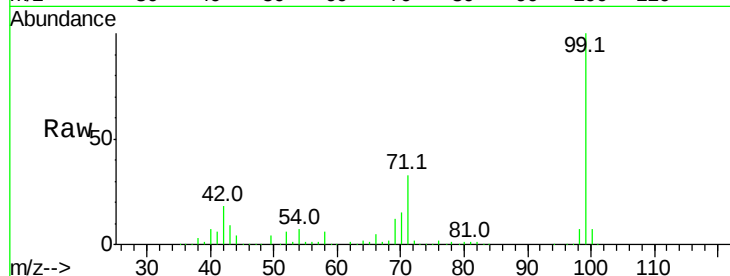
Tot Ion: 99 Resp: 354613

Ion Ratio Lower Upper

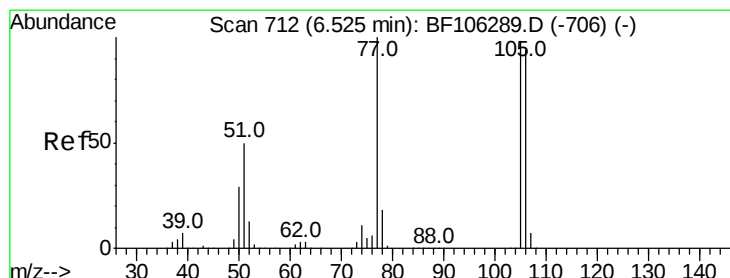
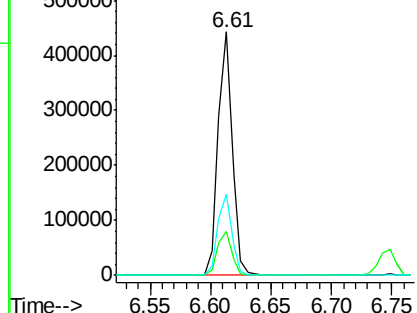
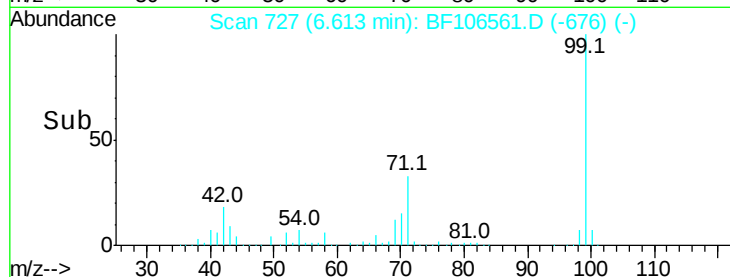
99 100

42 17.9 14.5 21.7

71 33.1 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: 2.499 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

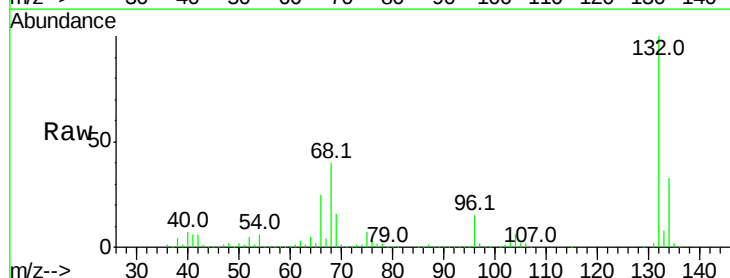
Tgt Ion: 77 Resp: 16219

Ion Ratio Lower Upper

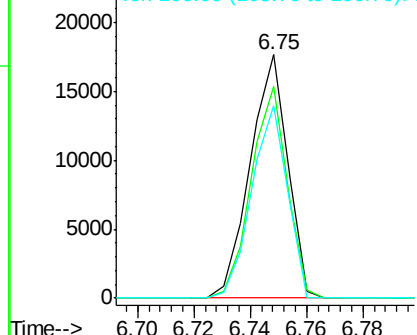
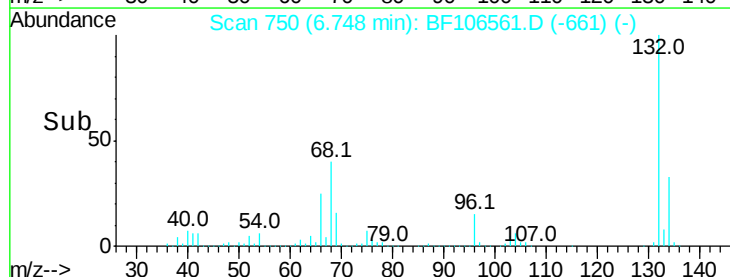
77 100

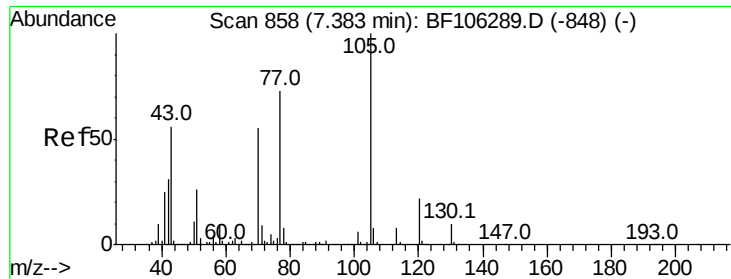
105 86.9 81.1 121.1

106 79.0 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

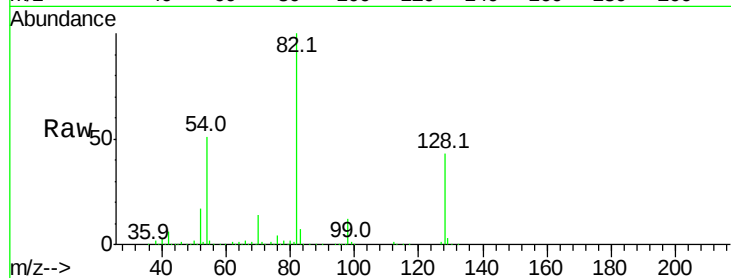




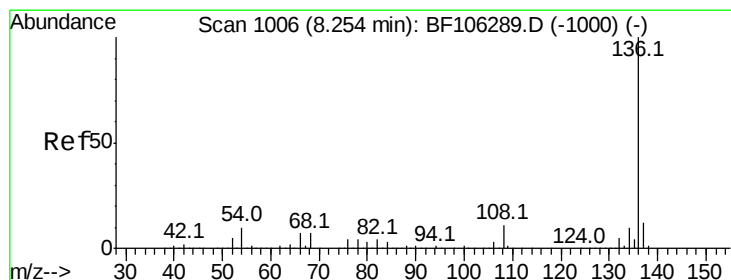
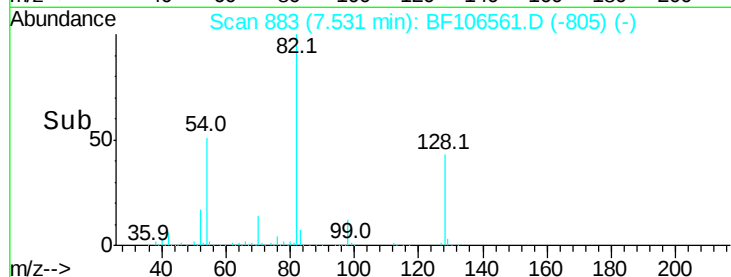
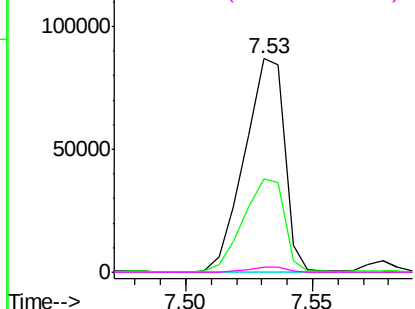
#19
n-Nitroso-di-n-propylamine
Concen: 15.042 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 96542
Ion Ratio Lower Upper
70 100
42 43.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

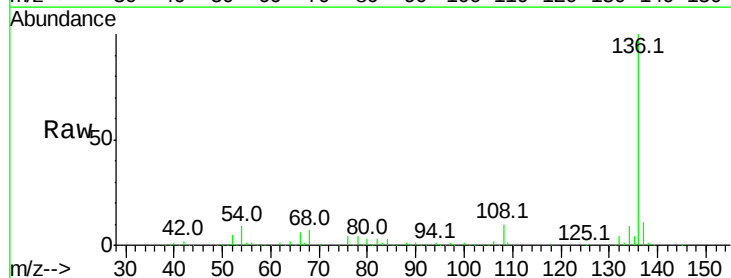


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

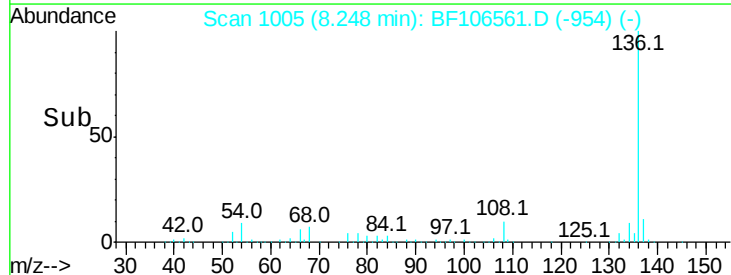
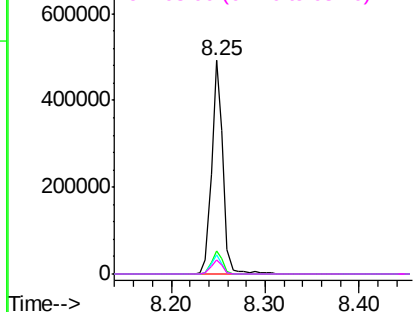


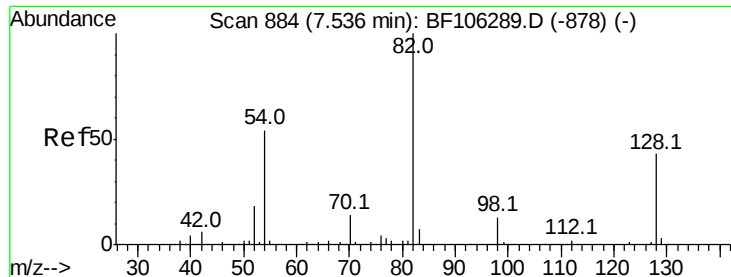
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Tgt Ion: 136 Resp: 418908
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.0 6.6 9.8
68 6.6 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: 100.933 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

Instrument :

BNA_F

ClientSampled :

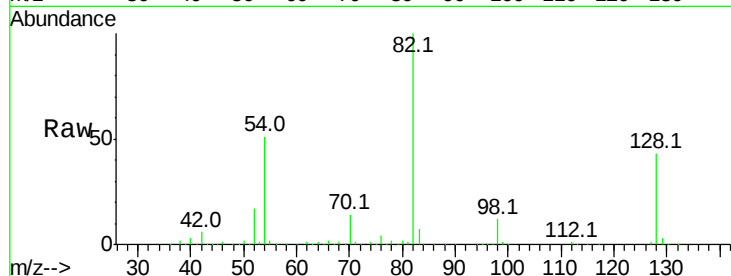
Tot Ion: 82 Resp: 718724

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

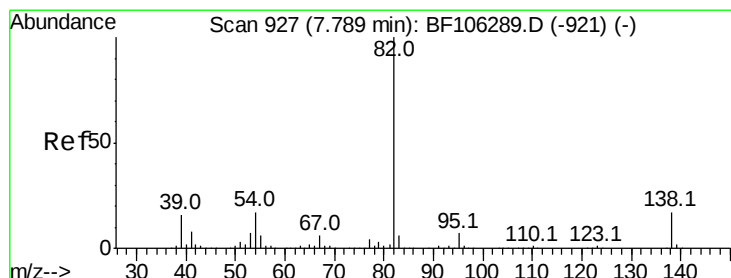
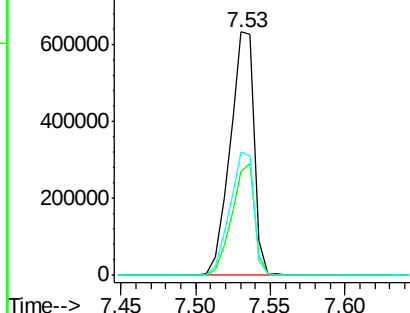
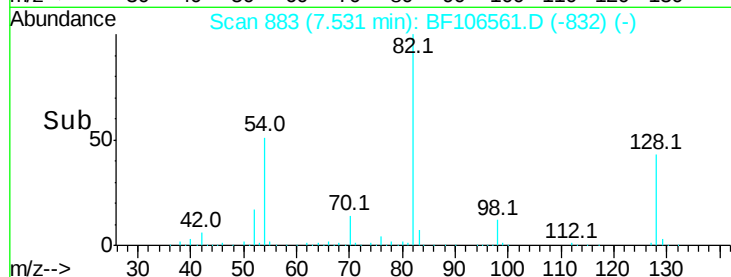
54 50.7 41.4 62.2



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: 51.683 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

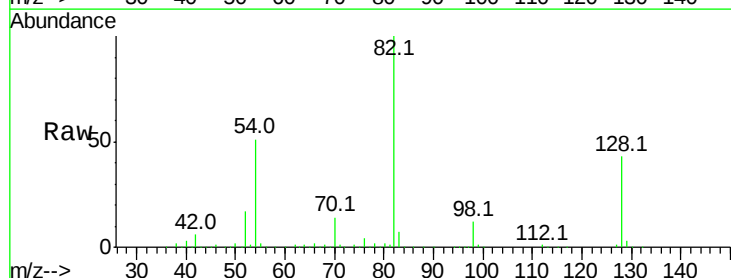
Tgt Ion: 82 Resp: 718836

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

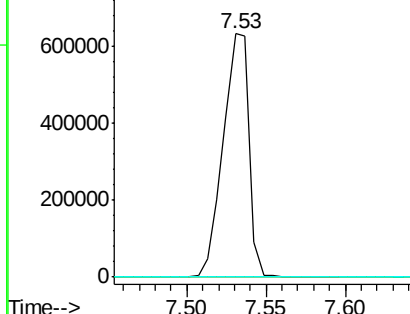
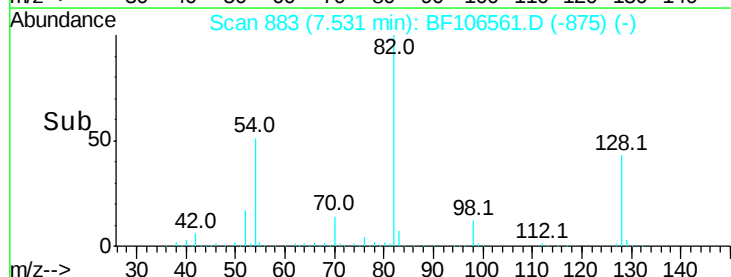
138 0.0 14.9 22.3#

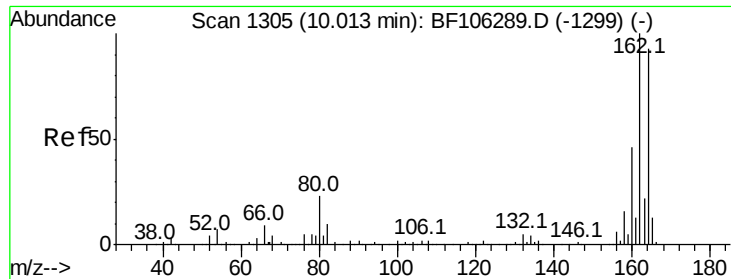


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

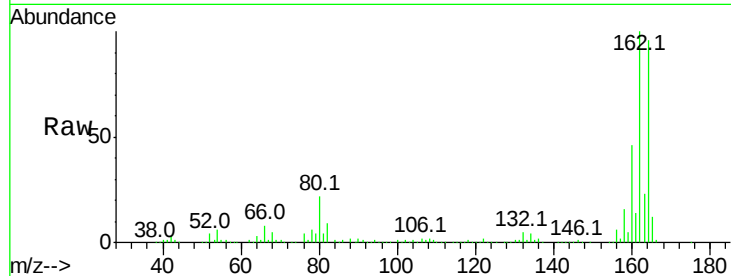




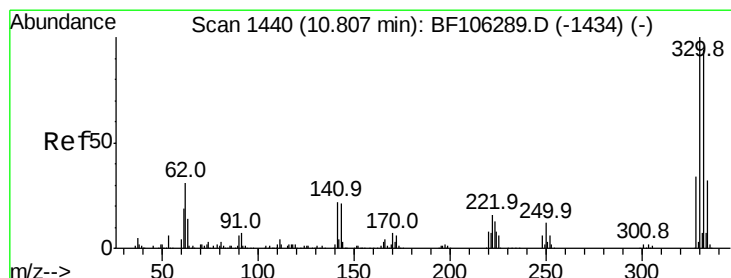
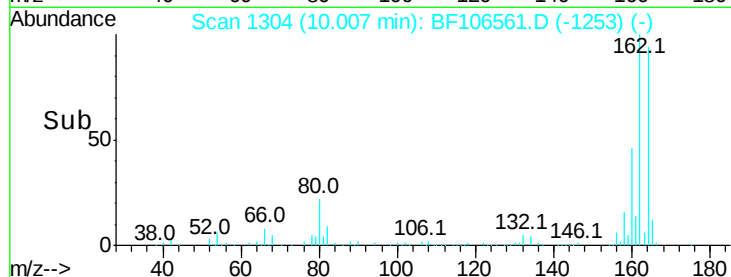
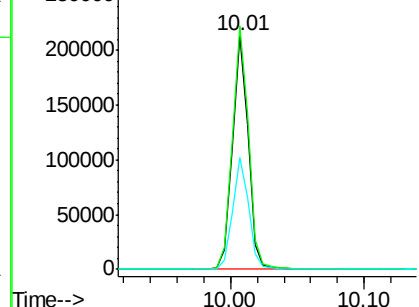
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 179052
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 47.9 38.3 57.5

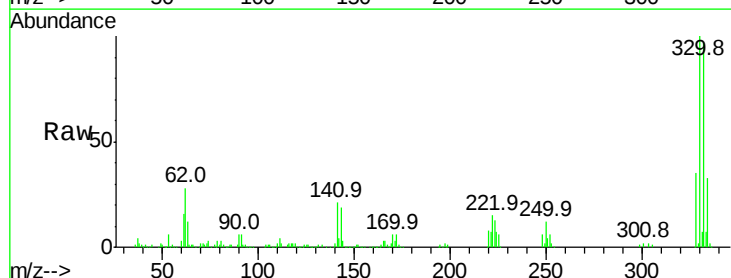


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

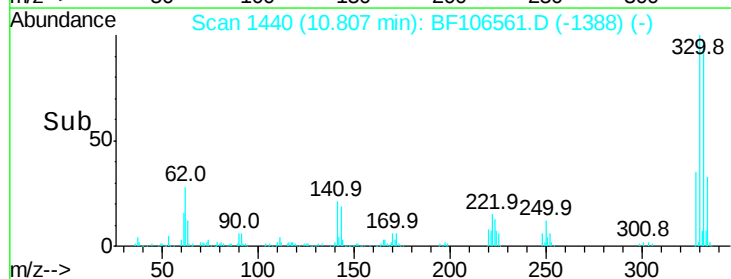
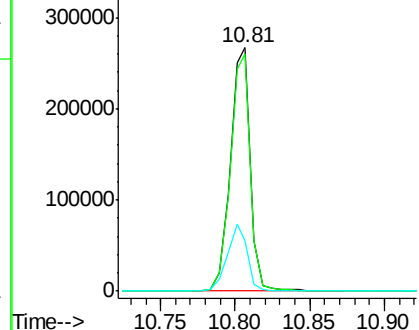


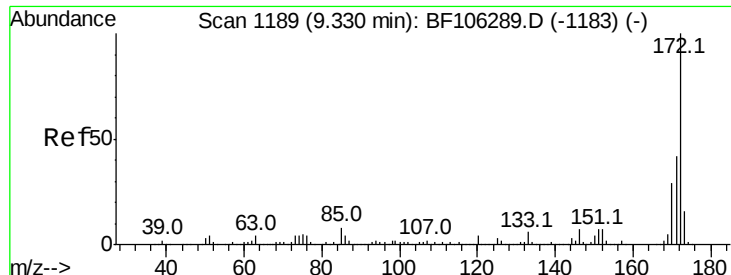
#41
2,4,6-Tribromophenol
Concen: 146.877 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Tgt Ion:330 Resp: 253038
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 27.9 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

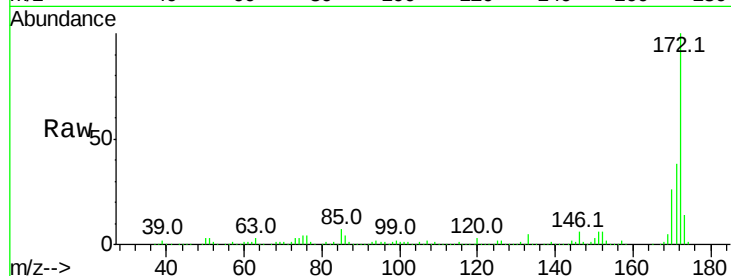




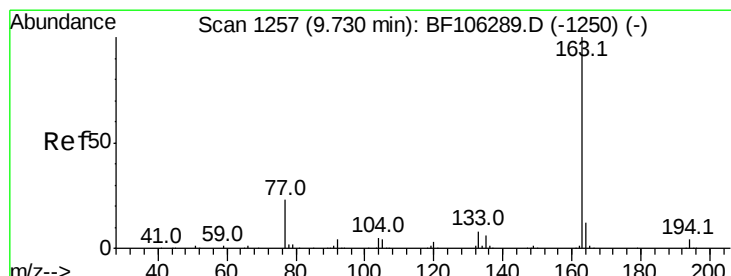
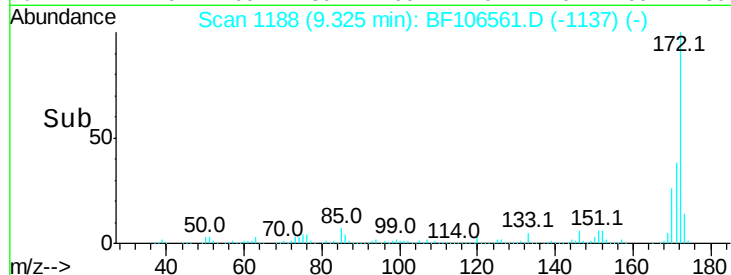
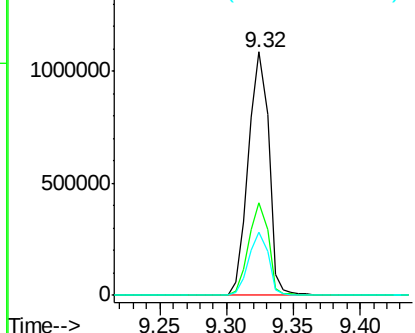
#44
2-Fluorobiphenyl
Concen: 135.256 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1140385
Ion Ratio Lower Upper
172 100
171 38.2 29.7 44.5
170 25.7 19.6 29.4

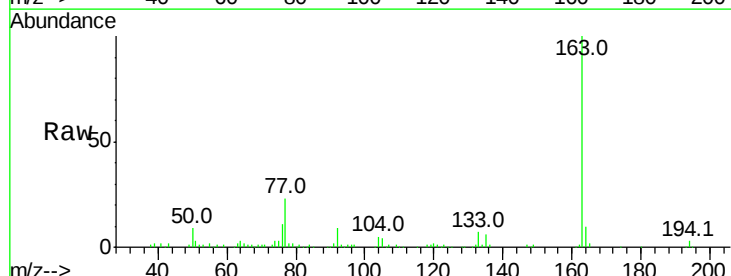


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

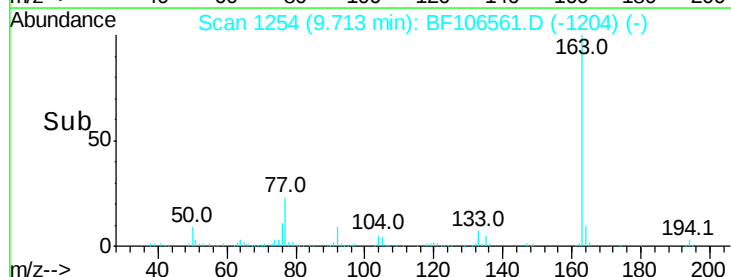
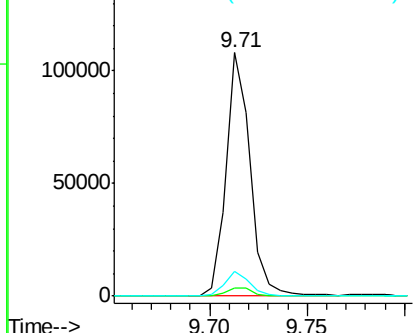


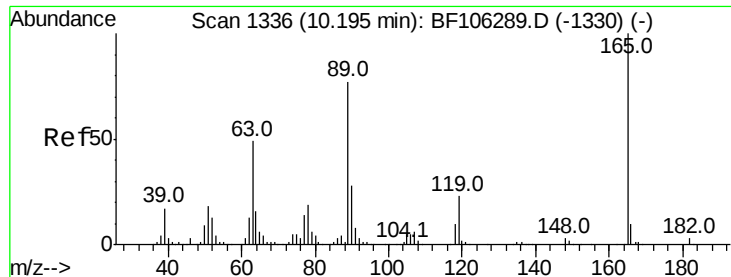
#49
Dimethylphthalate
Concen: 7.217 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Tgt Ion:163 Resp: 92322
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 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

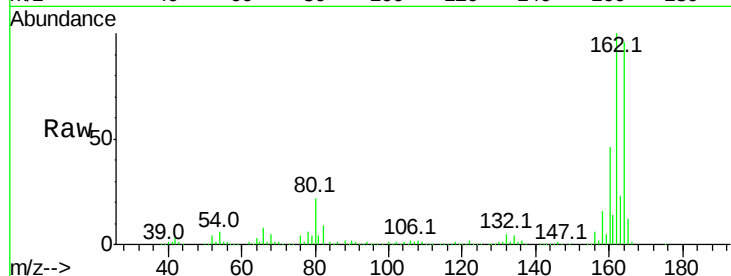




#56
2,4-Dinitrotoluene
Concen: 7.070 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



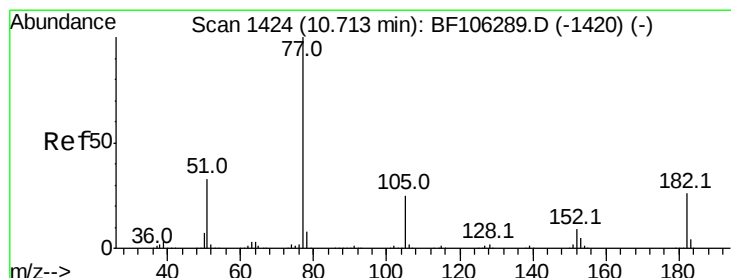
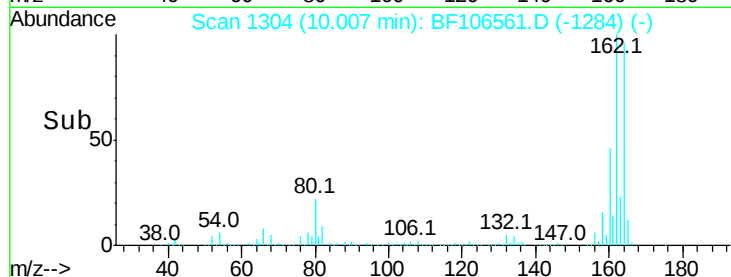
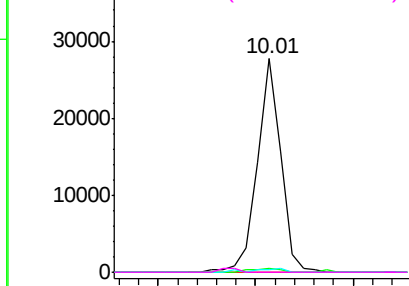
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

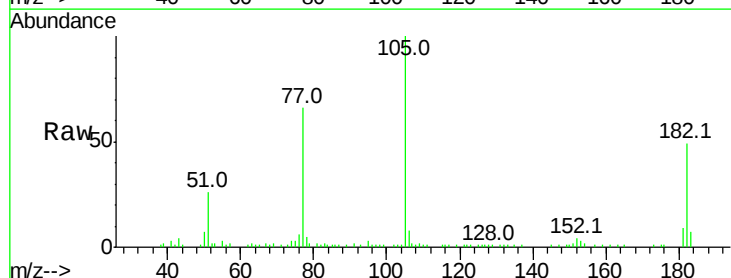
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62
Azobenzene
Concen: 2.055 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	74.5	1.7	41.7#
105	151.8	3.0	43.0#
51	38.9	9.9	49.9



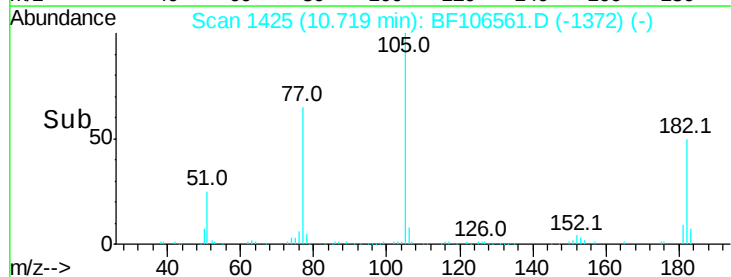
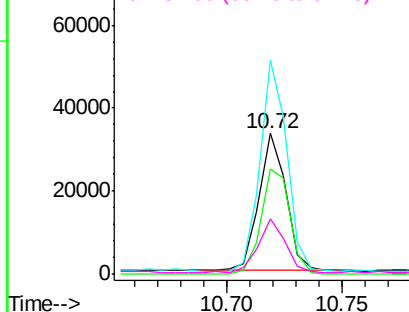
Abundance

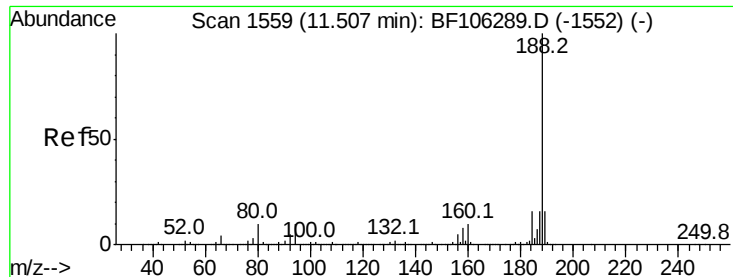
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

Instrument :

BNA_F

ClientSampleId :

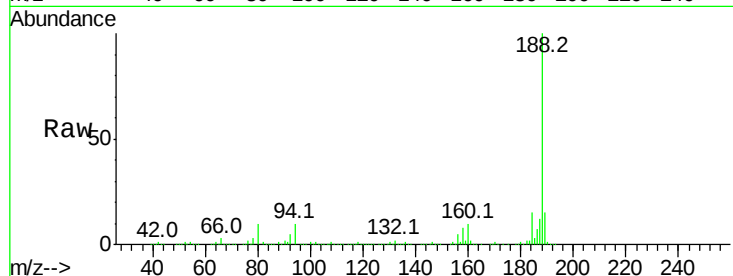
Tot Ion:188 Resp: 286198

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

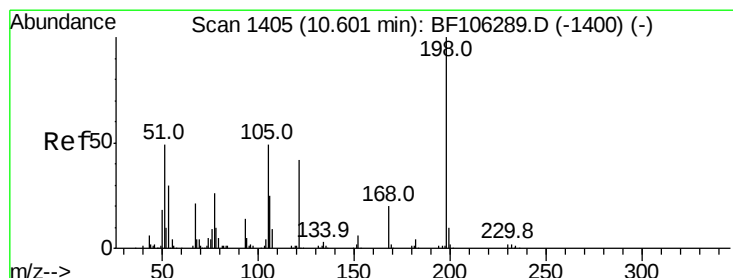
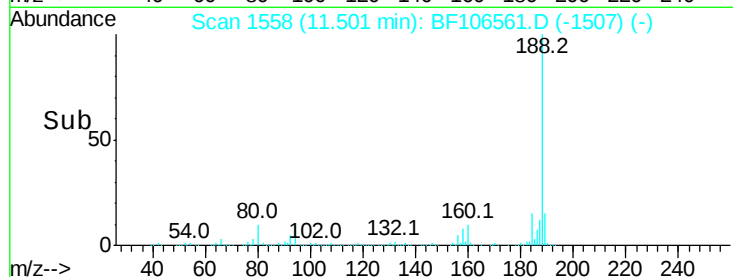
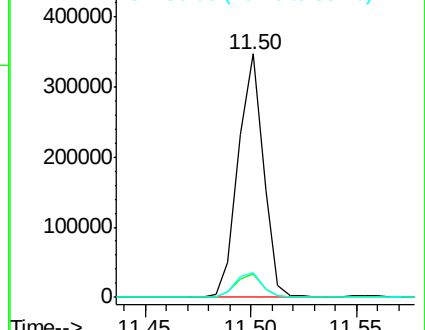
80 10.3 9.2 13.8



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: 6.499 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

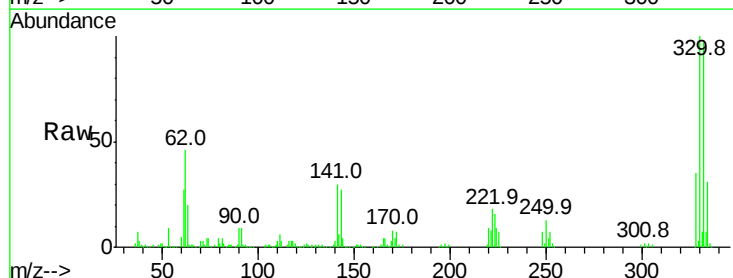
Tgt Ion:198 Resp: 362

Ion Ratio Lower Upper

198 100

51 175.9 37.7 77.7#

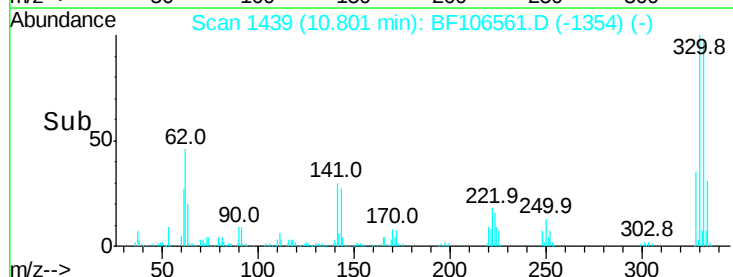
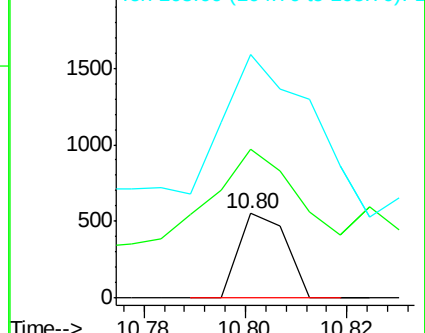
105 287.2 36.3 76.3#

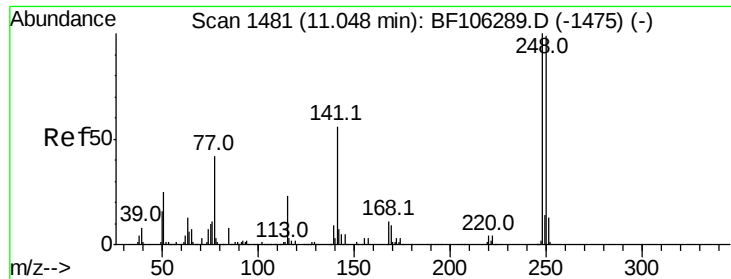


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

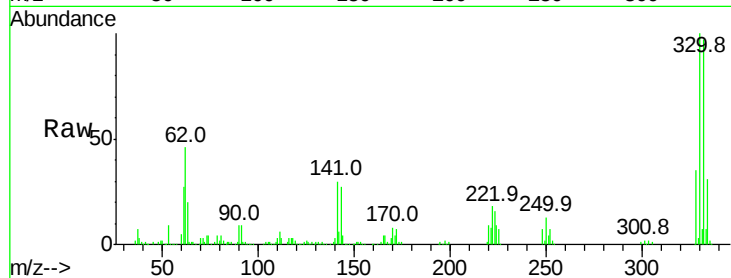




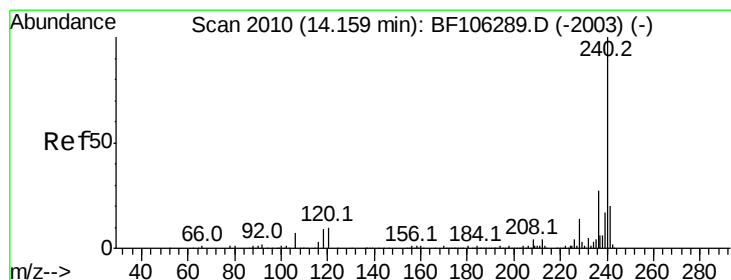
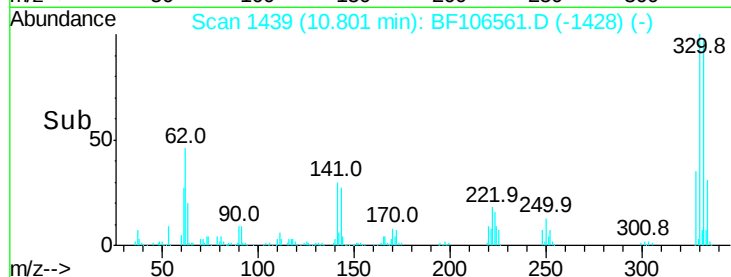
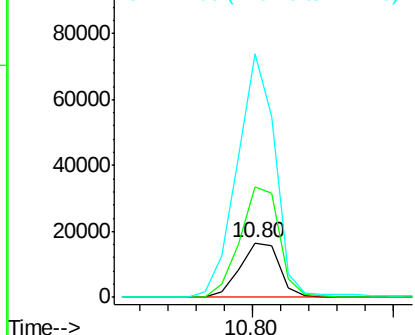
#66
4-Bromophenyl-phenylether
Concen: 4.943 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16089
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 445.8 74.4 111.6#

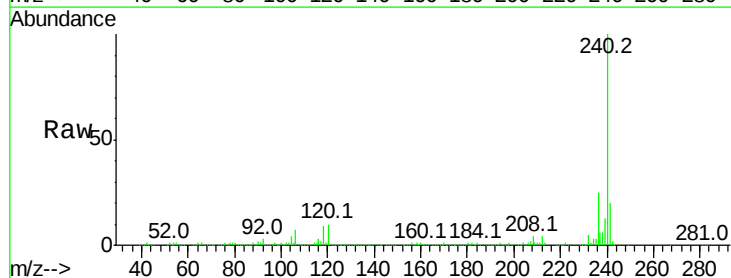


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

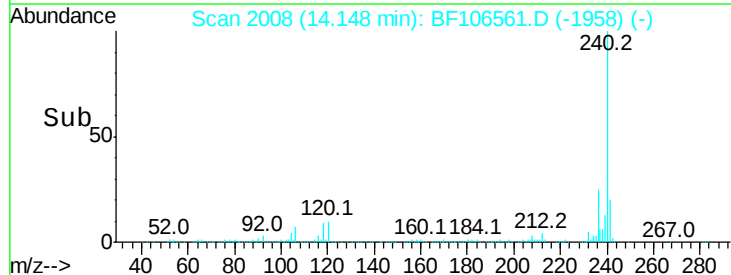
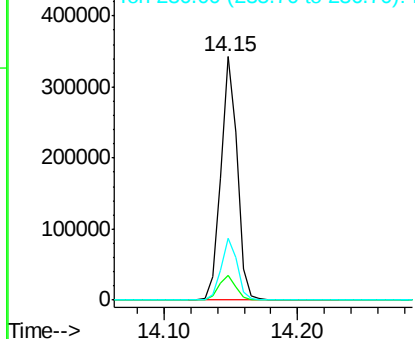


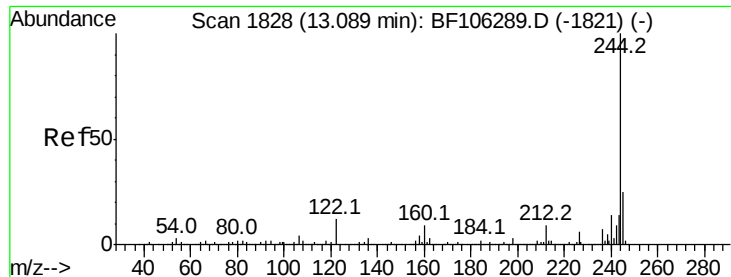
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106561.D
Acq: 19 Jun 2018 2:23

Tgt Ion:240 Resp: 298025
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.5 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: 87.594 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

Instrument :

BNA_F

ClientSampled :

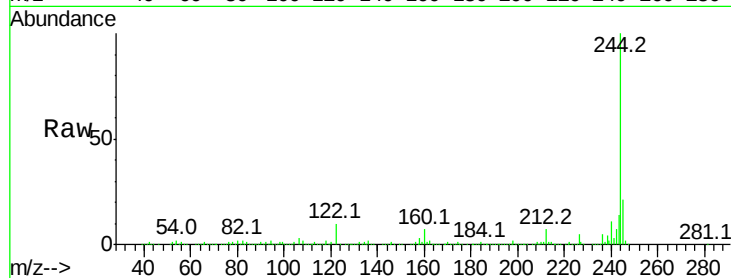
Tot Ion:244 Resp: 1051021

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

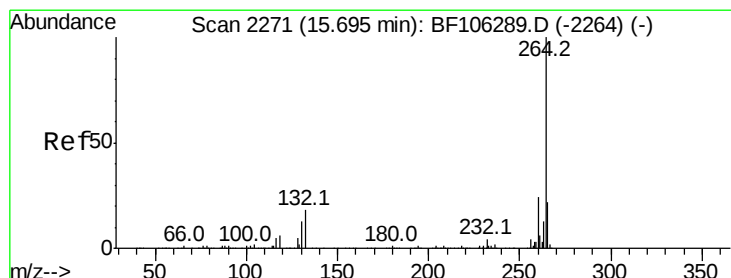
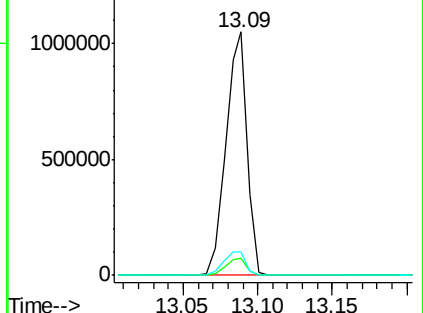
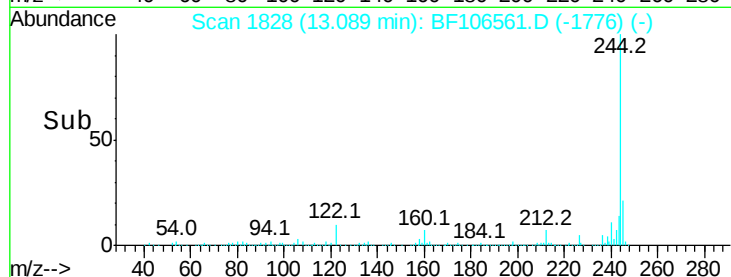
122 9.8 11.0 16.4#



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# 2269

Delta R.T. 0.00 min

Lab File: BF106561.D

Acq: 19 Jun 2018 2:23

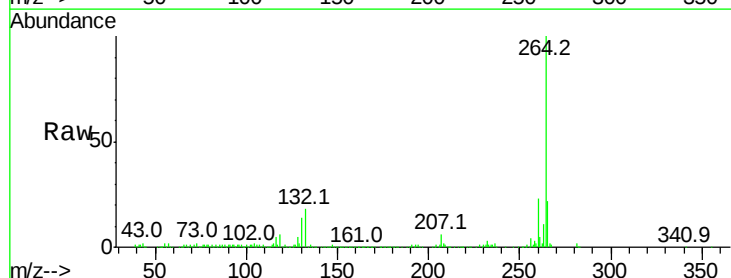
Tgt Ion:264 Resp: 261129

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.2 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

