

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106569.D
 Acq On : 19 Jun 2018 5:57
 Operator : JU/SJ
 Sample : J3562-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:27:14 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

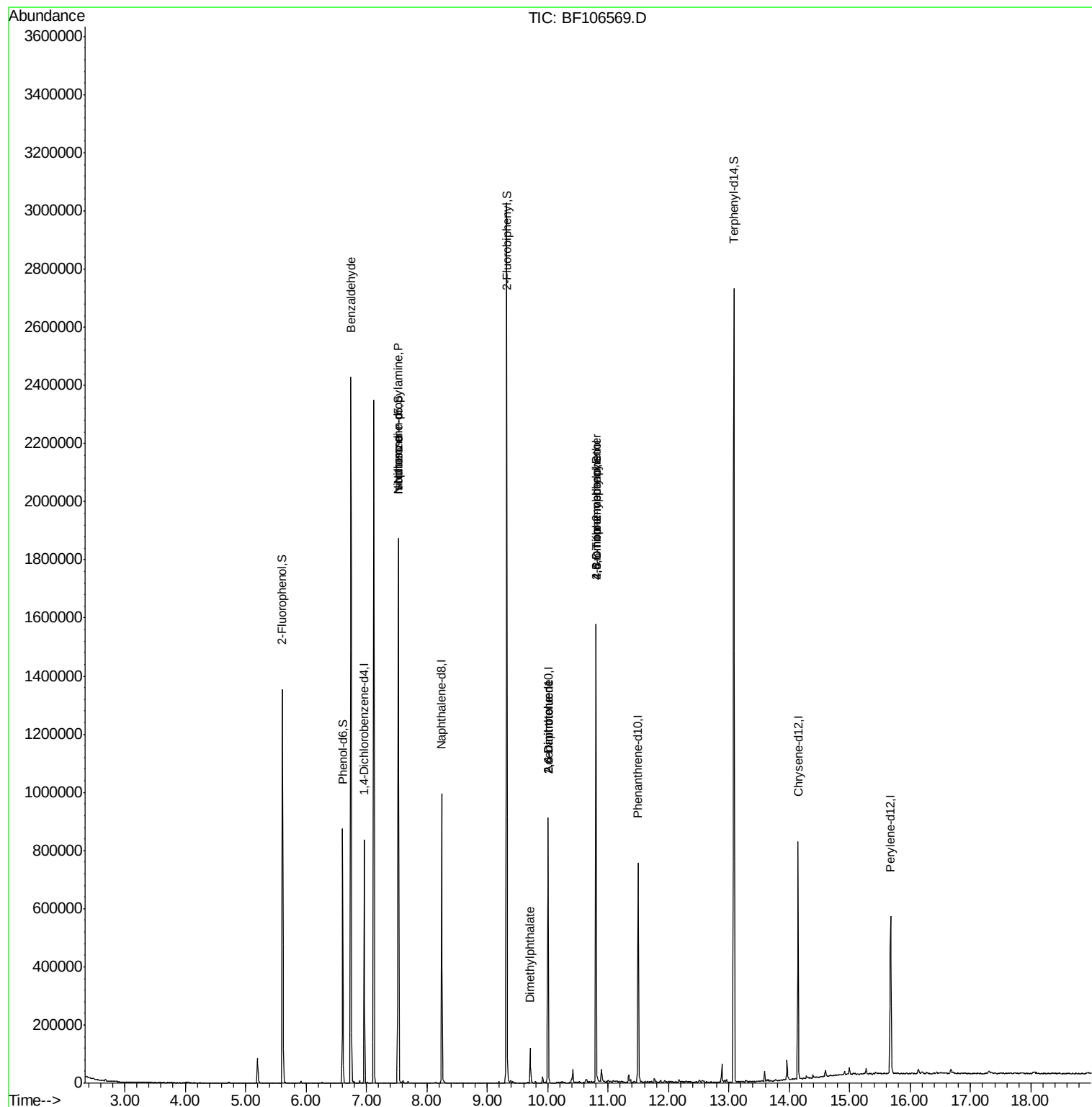
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111600	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	410268	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	173955	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	277478	20.00	ng	0.00
75) Chrysene-d12	14.14	240	291560	20.00	ng	-0.01
86) Perylene-d12	15.68	264	256371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	371928	56.41	ng	0.00
7) Phenol-d6	6.61	99	276450	33.18	ng	0.00
23) Nitrobenzene-d5	7.53	82	672790	96.47	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	220853	131.95	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1050444	122.66	ng	0.00
78) Terphenyl-d14	13.08	244	962019	81.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	14972	2.369	ng	84
19) n-Nitroso-di-n-propylamine	7.53	70	90899	14.544	ng	# 74
25) Isophorone	7.53	82	672779	49.390	ng	# 64
49) Dimethylphthalate	9.71	163	49002	3.943	ng	98
50) 2,6-Dinitrotoluene	10.01	165	22047	8.685	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	22047	6.916	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	345	6.495	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14411	4.566	ng	# 1

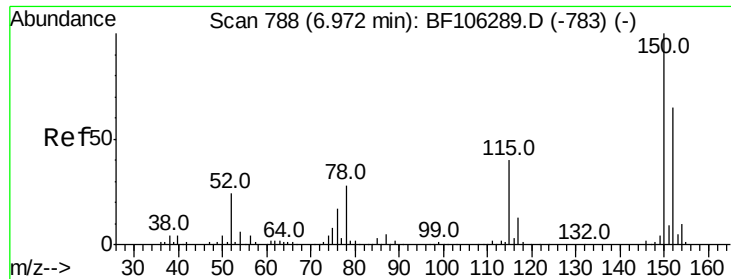
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106569.D
Acq On : 19 Jun 2018 5:57
Operator : JU/SJ
Sample : J3562-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 19 08:27:14 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



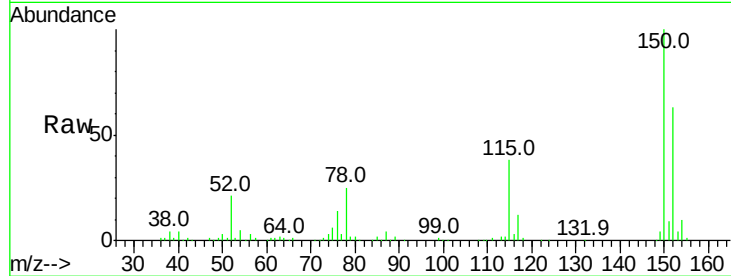


#1

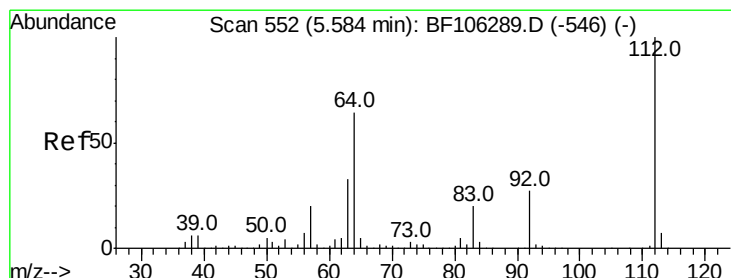
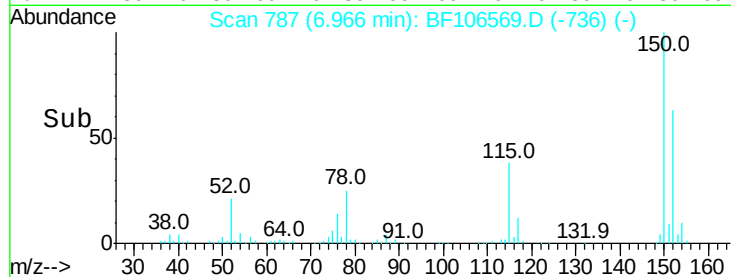
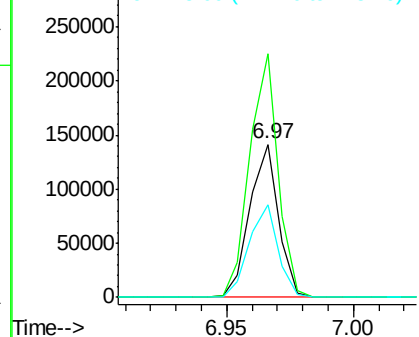
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111600
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 60.8 50.1 75.1



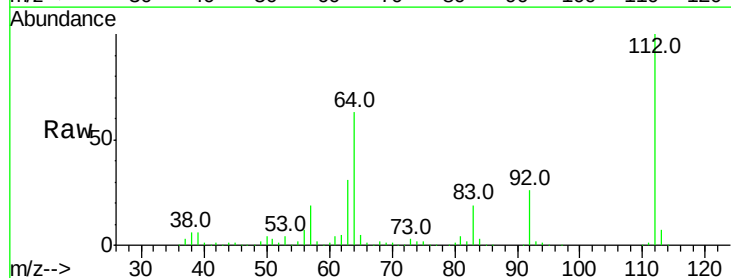
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



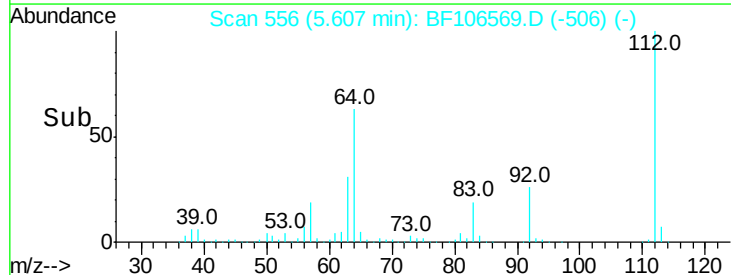
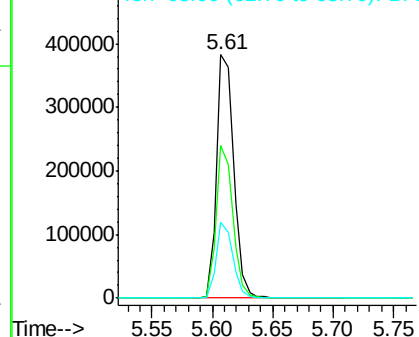
#5

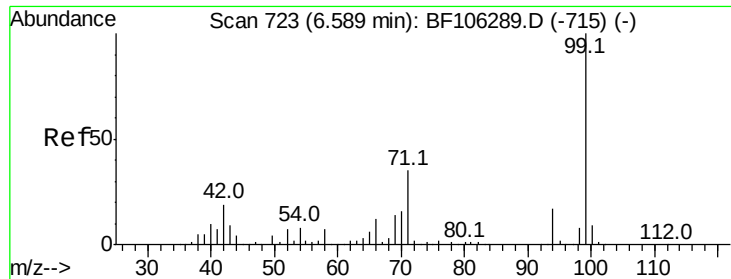
2-Fluorophenol
Concen: 56.406 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Tgt Ion:112 Resp: 371928
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.4 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: 33.185 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

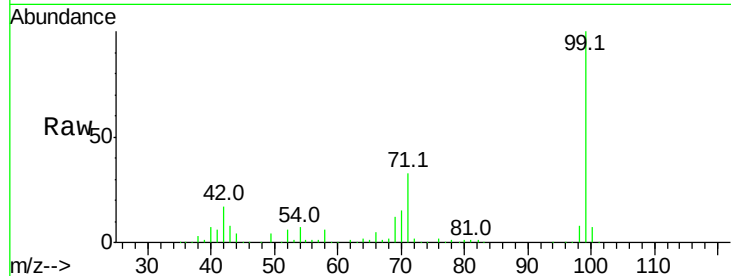
Tot Ion: 99 Resp: 276450

Ion Ratio Lower Upper

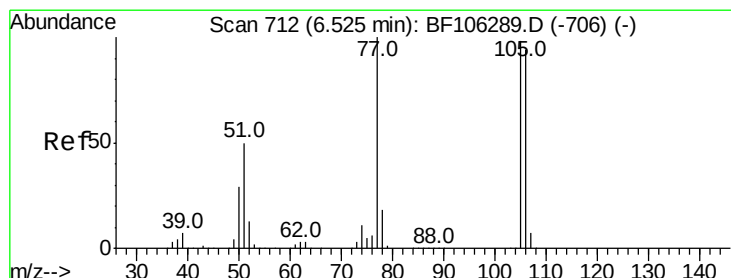
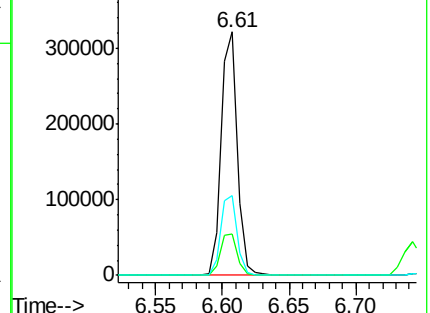
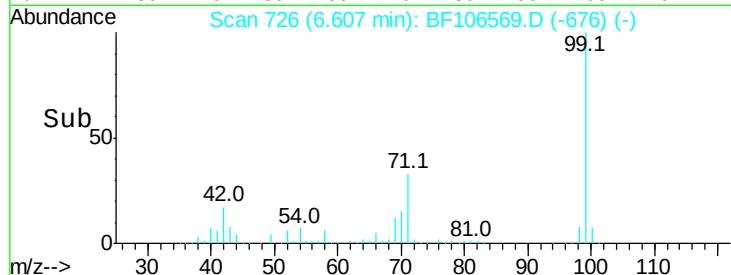
99 100

42 16.8 14.5 21.7

71 32.6 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: 2.369 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

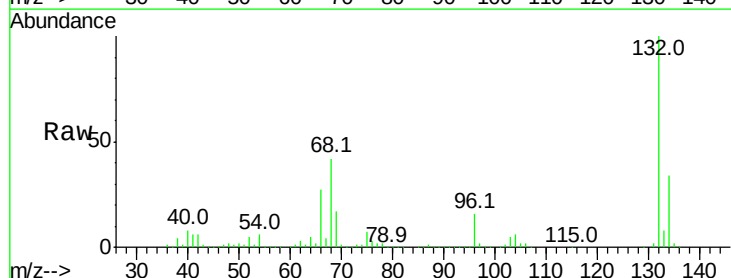
Tgt Ion: 77 Resp: 14972

Ion Ratio Lower Upper

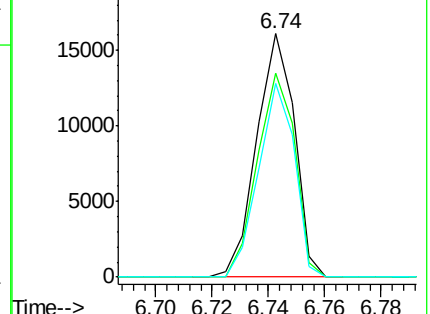
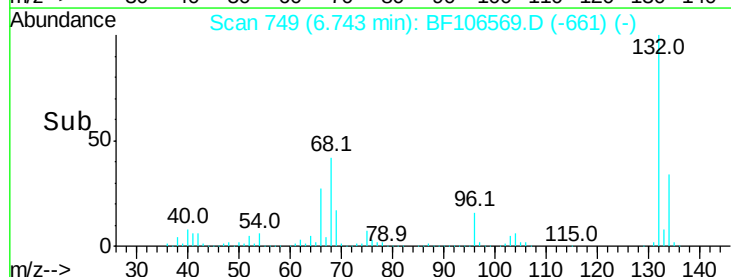
77 100

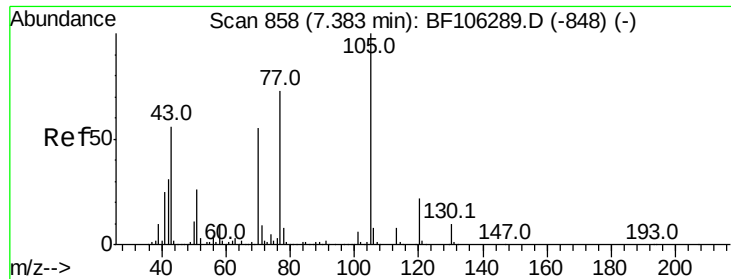
105 84.0 81.1 121.1

106 79.6 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: 14.544 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 90899

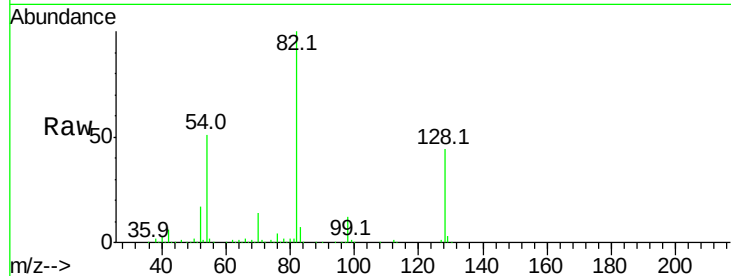
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

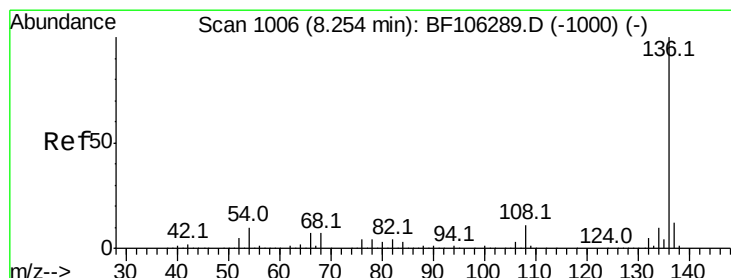
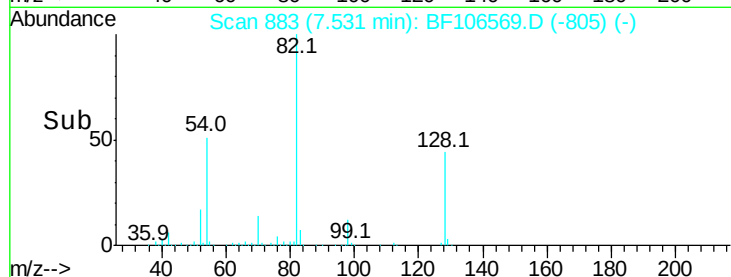
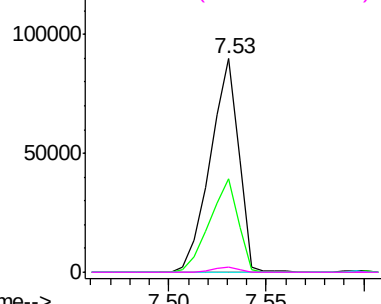


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106569.D

Acq: 19 Jun 2018 5:57

Tgt Ion:136 Resp: 410268

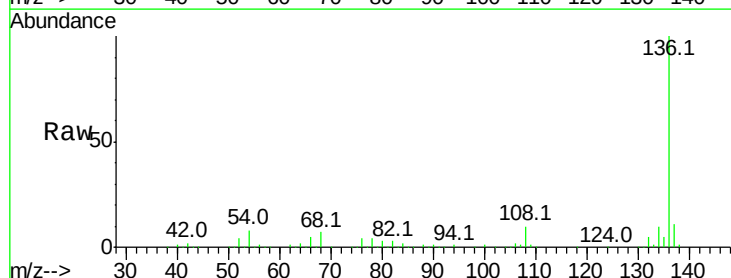
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 6.7 5.0 7.4

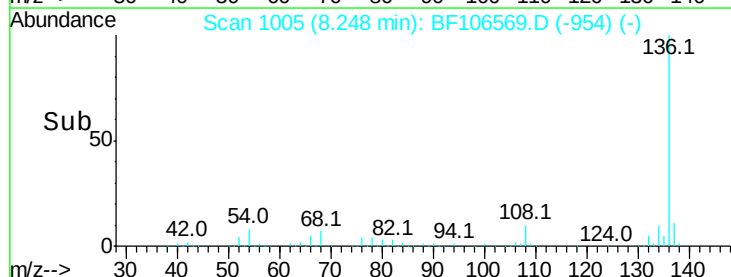
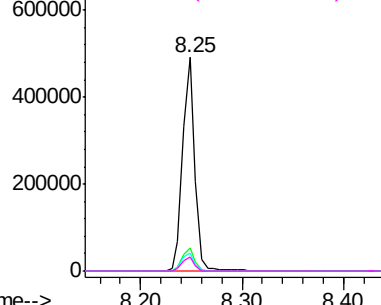


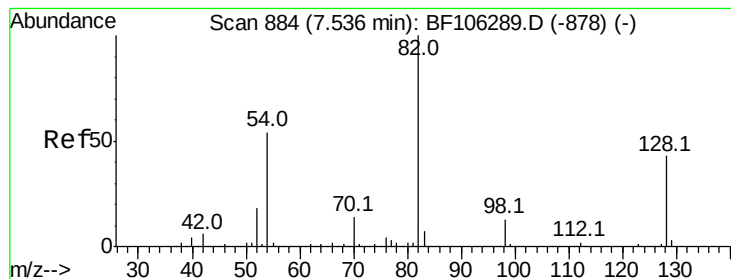
Abundance Ion 136.00 (135.70 to 136.70): BF1

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: 96.472 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

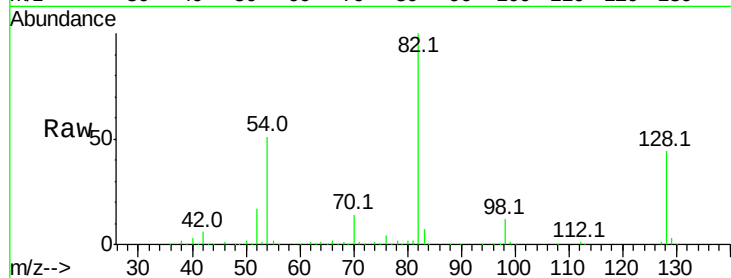
Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

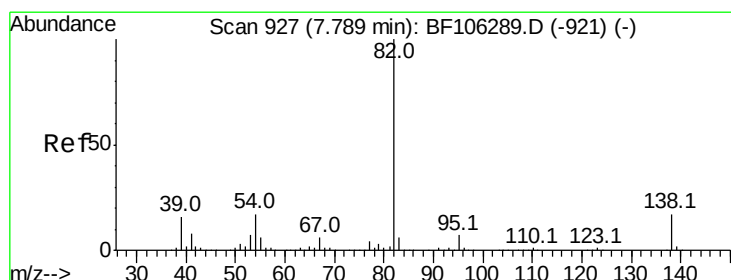
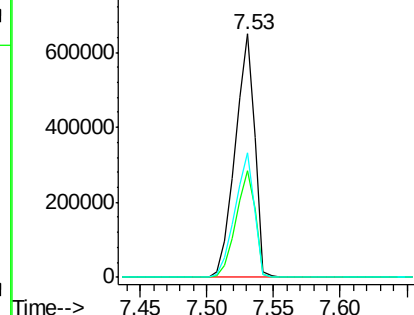
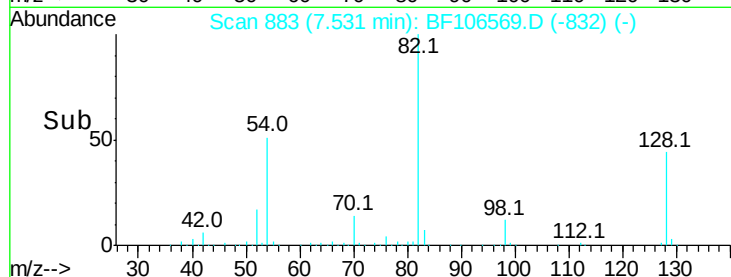
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 672790

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	50.9	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: 49.390 ng

RT: 7.53 min Scan# 883

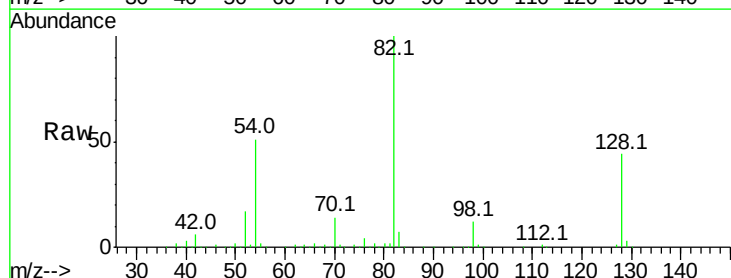
Delta R.T. -0.25 min

Lab File: BF106569.D

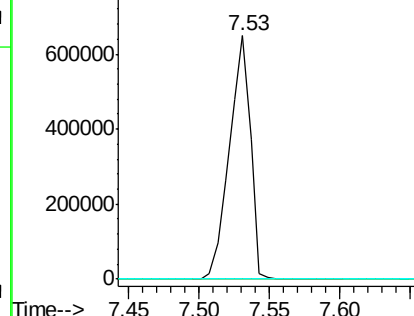
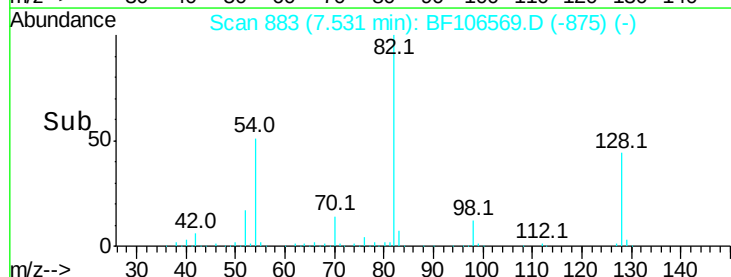
Acq: 19 Jun 2018 5:57

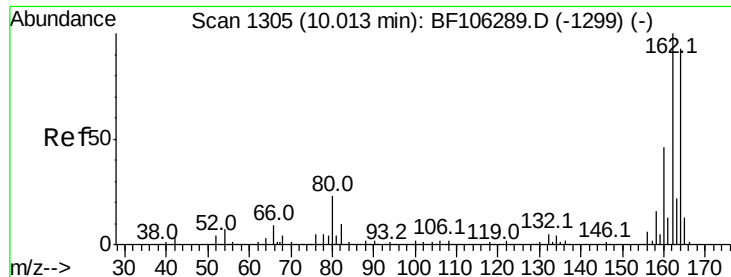
Tgt Ion: 82 Resp: 672779

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

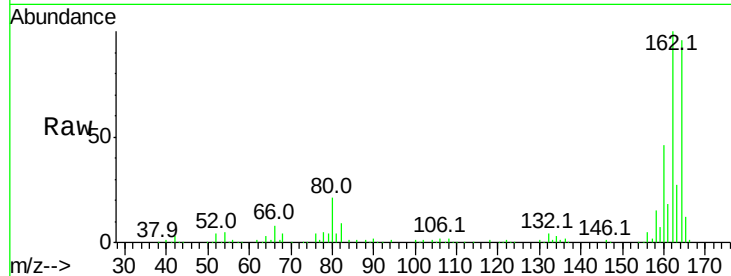




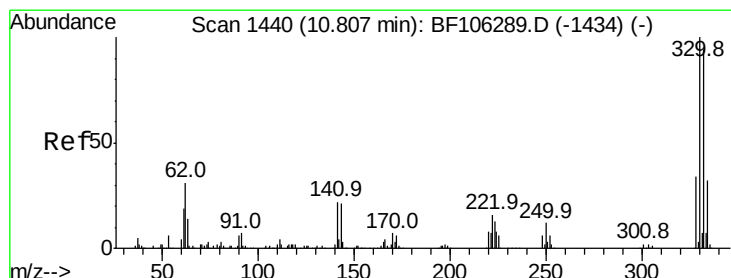
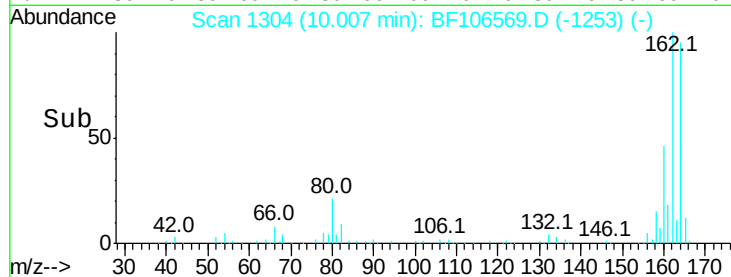
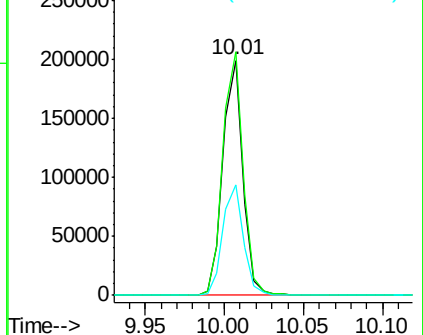
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 173955
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 47.3 38.3 57.5

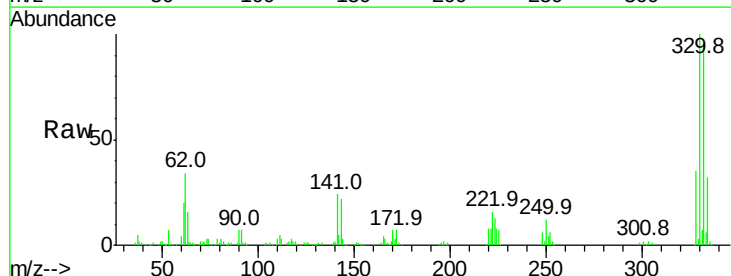


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

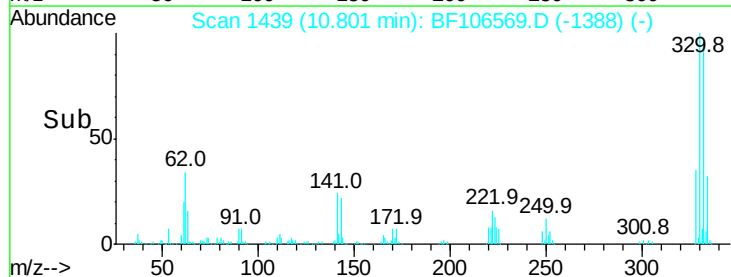
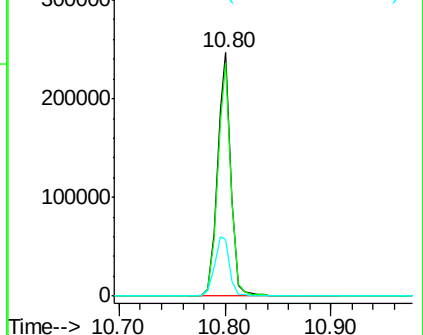


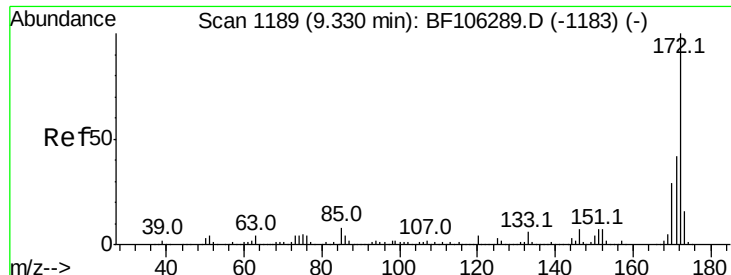
#41
2,4,6-Tribromophenol
Concen: 131.951 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Tgt Ion:330 Resp: 220853
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 27.8 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

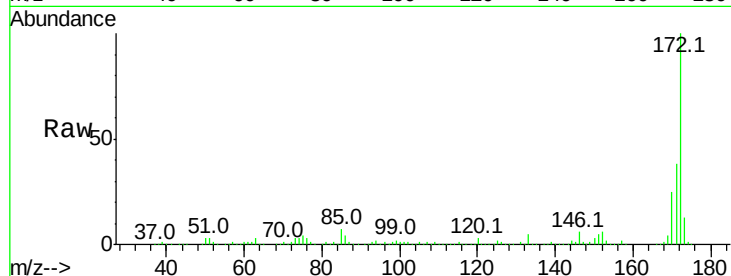




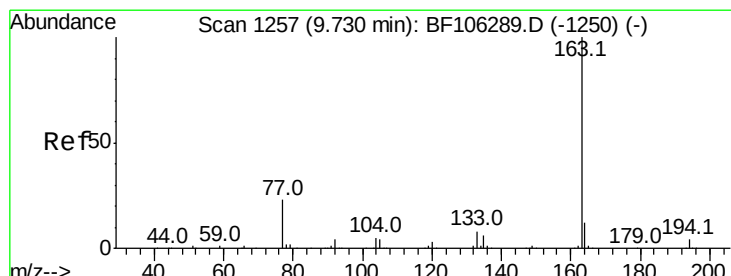
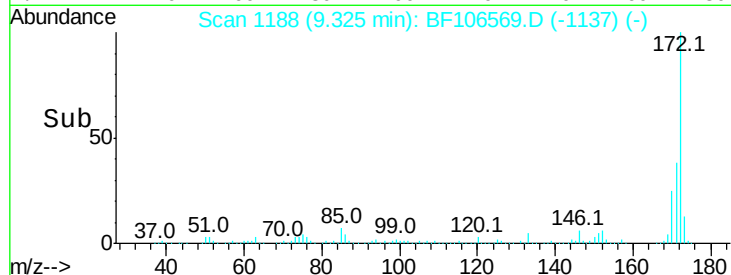
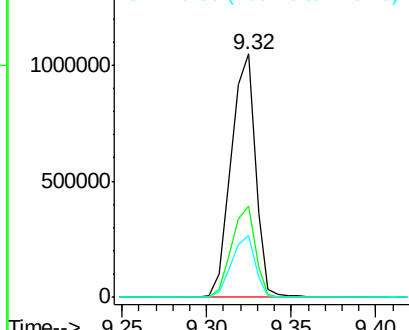
#44
2-Fluorobiphenyl
Concen: 122.661 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1050444
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.4 19.6 29.4

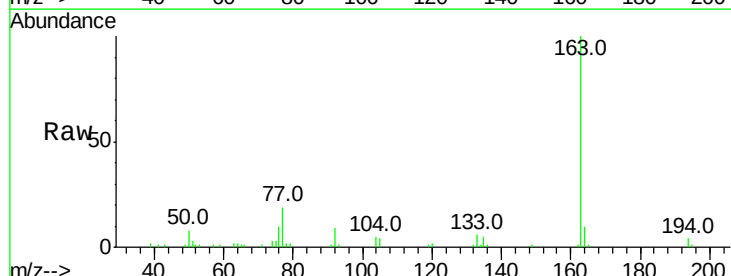


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

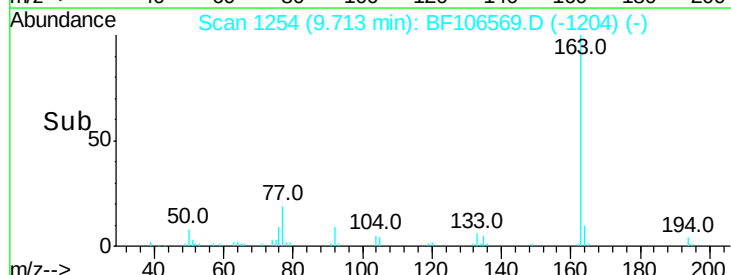
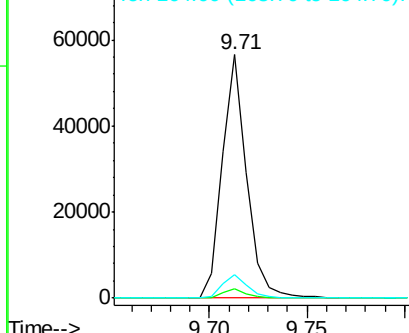


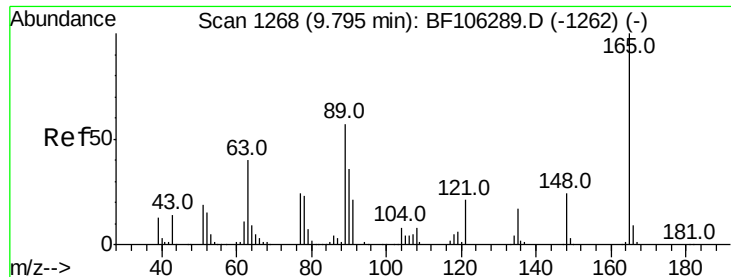
#49
Dimethylphthalate
Concen: 3.943 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Tgt Ion:163 Resp: 49002
Ion Ratio Lower Upper
163 100
194 3.9 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

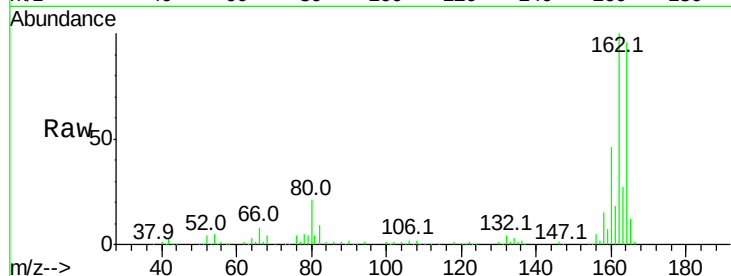




#50
2,6-Dinitrotoluene
Concen: 8.685 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Instrument :
BNA_F
ClientSampleId :

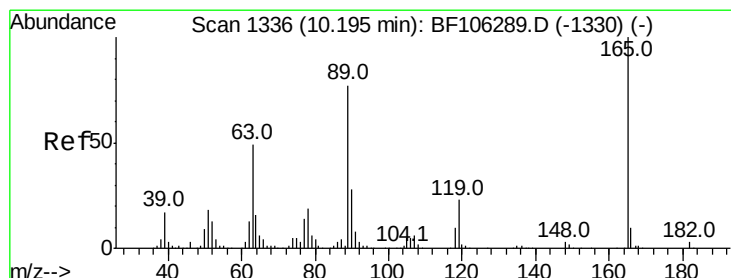
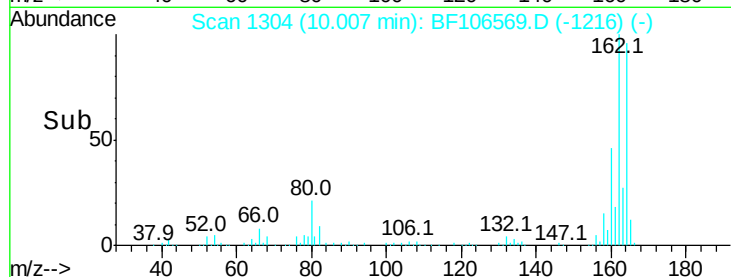
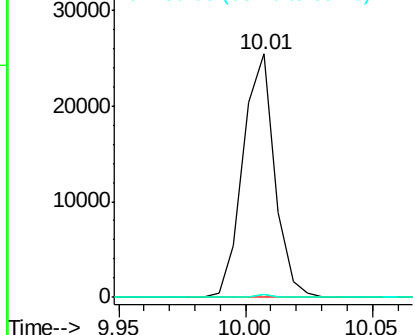
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	44.0	66.0#



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



#56
2,4-Dinitrotoluene
Concen: 6.916 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

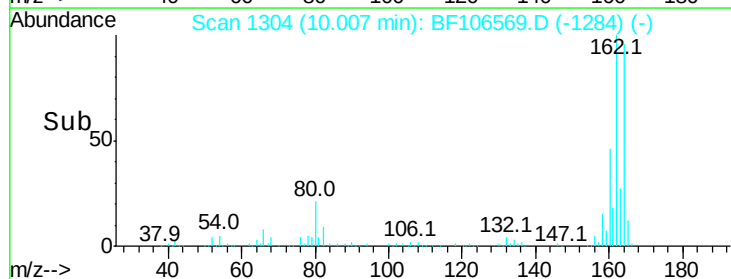
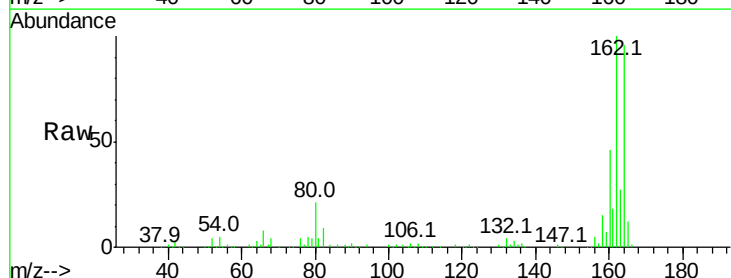
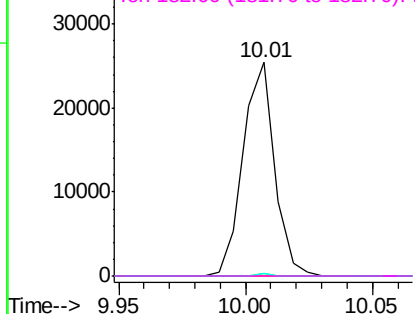
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

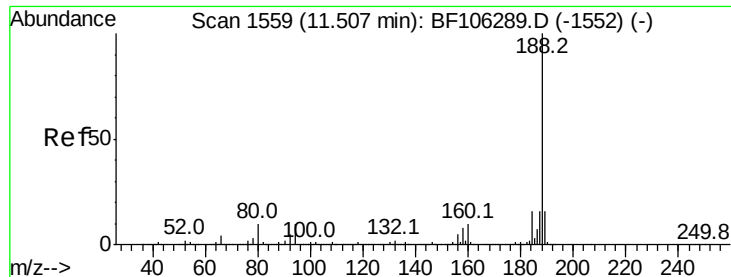
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

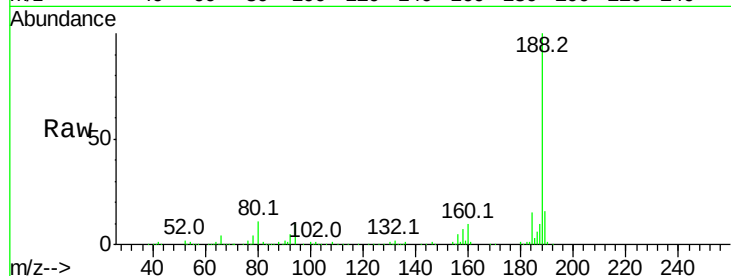
Tot Ion:188 Resp: 277478

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

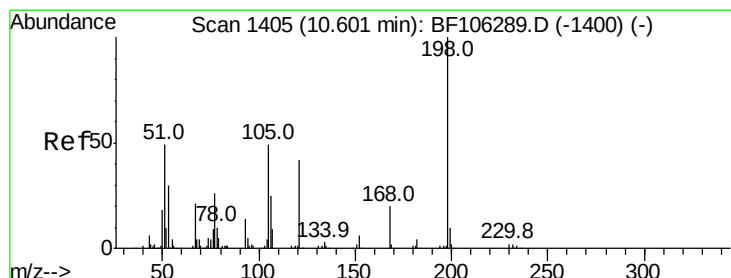
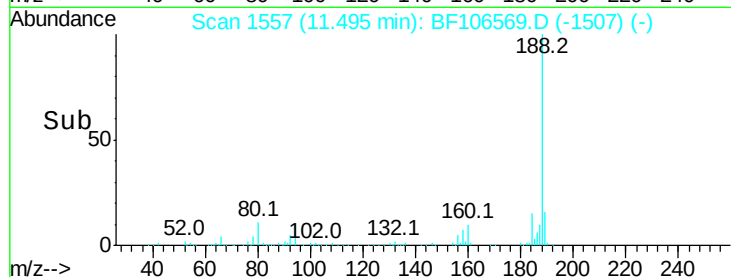
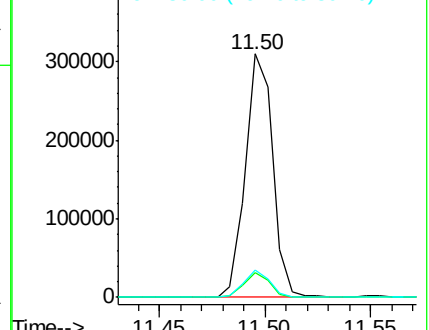
80 11.1 9.2 13.8



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: 6.495 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

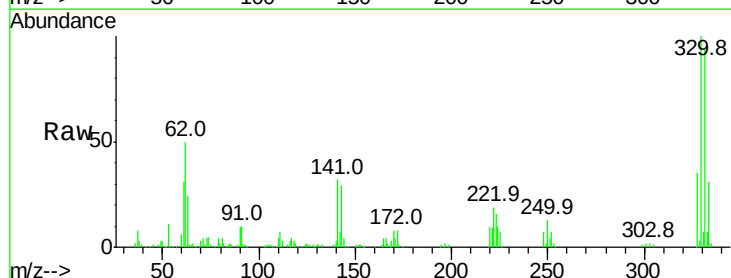
Tgt Ion:198 Resp: 345

Ion Ratio Lower Upper

198 100

51 123.8 37.7 77.7#

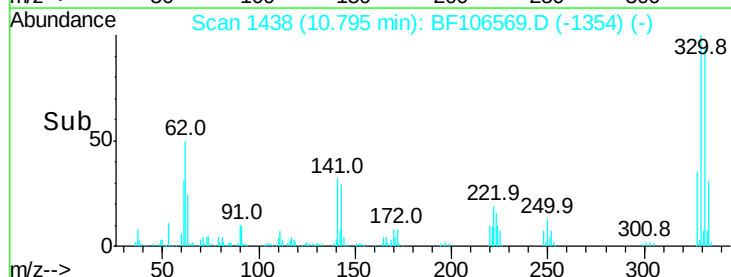
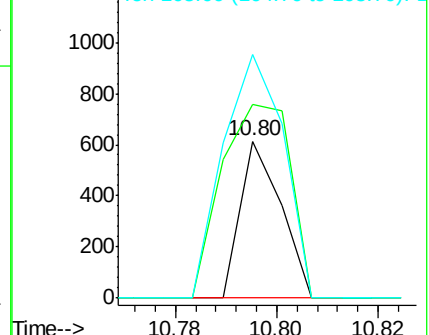
105 155.2 36.3 76.3#

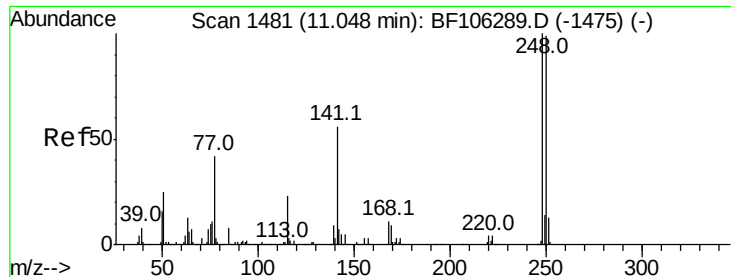


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

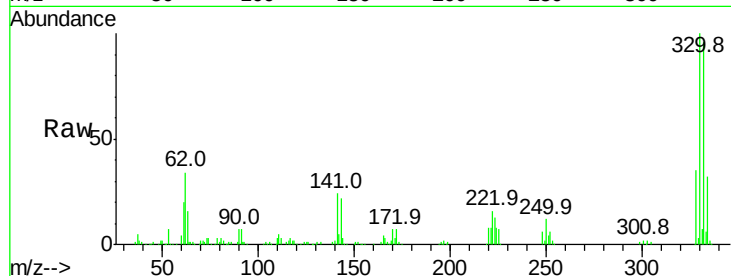




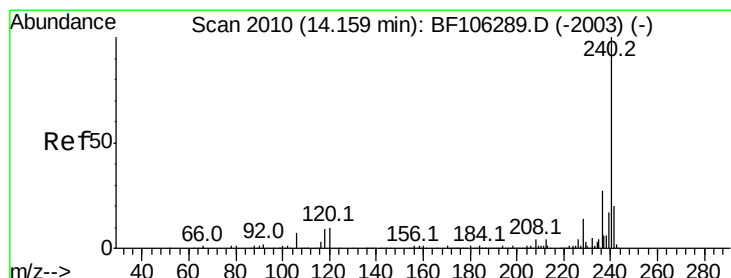
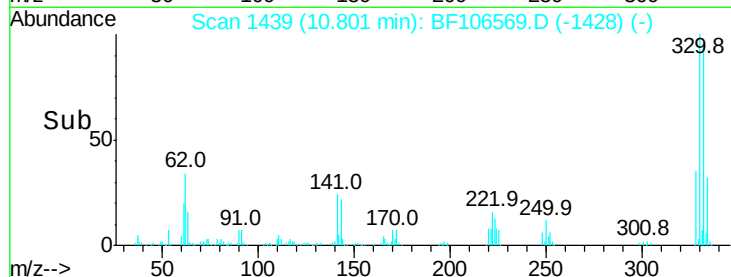
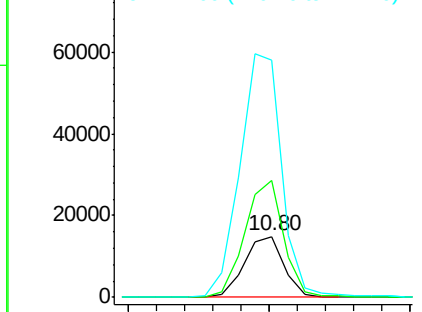
#66
4-Bromophenyl-phenylether
Concen: 4.566 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14411
Ion Ratio Lower Upper
248 100
250 191.8 76.9 115.3#
141 388.3 74.4 111.6#

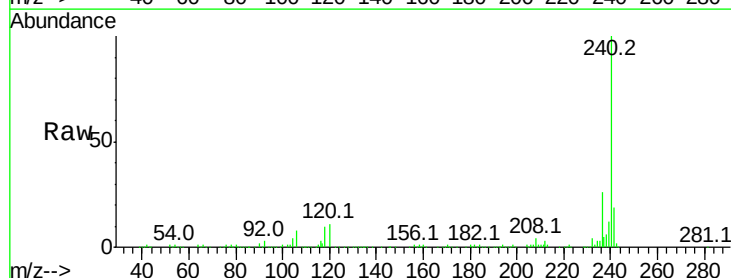


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

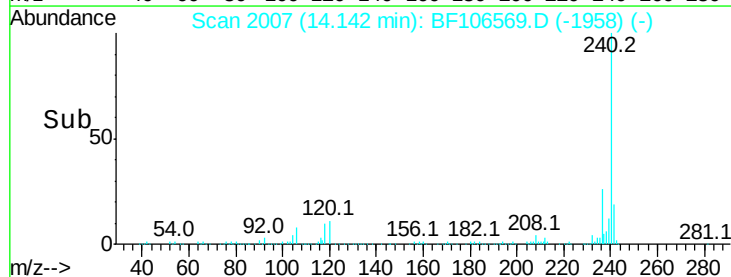
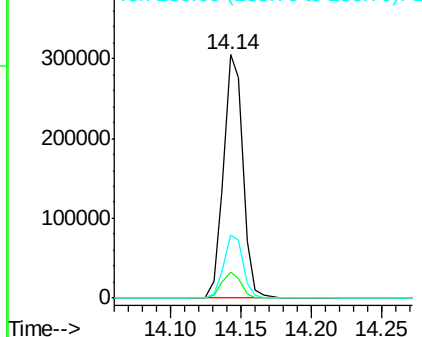


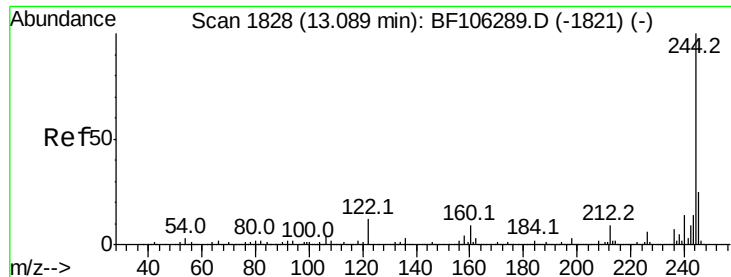
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106569.D
Acq: 19 Jun 2018 5:57

Tgt Ion:240 Resp: 291560
Ion Ratio Lower Upper
240 100
120 10.6 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: 81.954 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

Instrument :

BNA_F

ClientSampled :

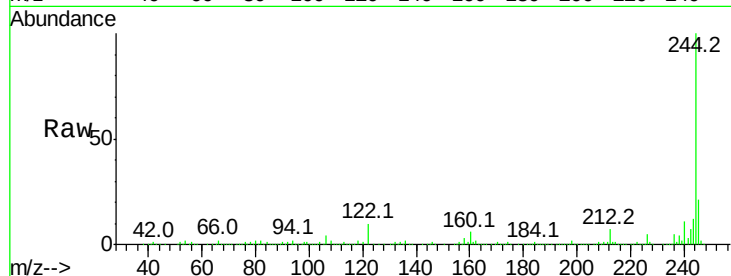
Tot Ion:244 Resp: 962019

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

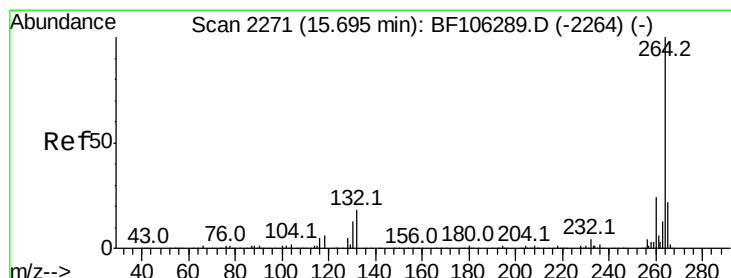
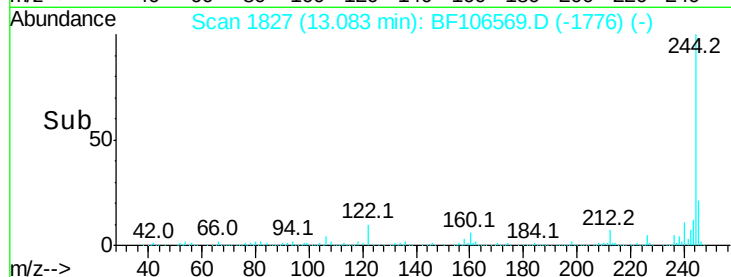
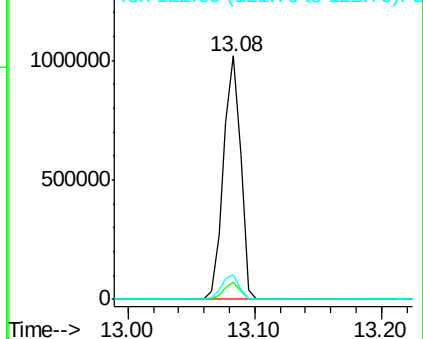
122 10.1 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106569.D

Acq: 19 Jun 2018 5:57

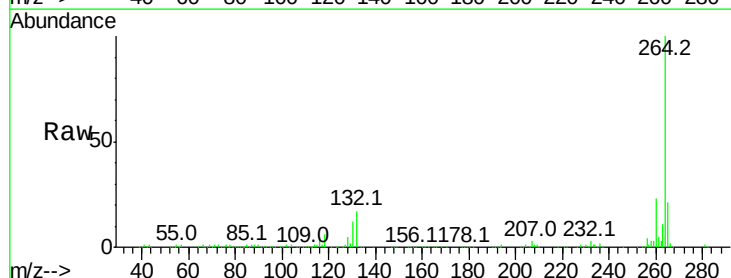
Tgt Ion:264 Resp: 256371

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 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

