

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106565.D
 Acq On : 19 Jun 2018 4:10
 Operator : JU/SJ
 Sample : J3562-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:26:49 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	112939	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	406522	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	168097	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	264384	20.00	ng	0.00
75) Chrysene-d12	14.15	240	299240	20.00	ng	0.00
86) Perylene-d12	15.68	264	270949	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	411830	61.72	ng	0.00
7) Phenol-d6	6.61	99	314797	37.34	ng	0.00
23) Nitrobenzene-d5	7.53	82	698615	101.10	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	221998	137.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1061627	133.10	ng	0.00
78) Terphenyl-d14	13.08	244	1004920	83.41	ng	0.00

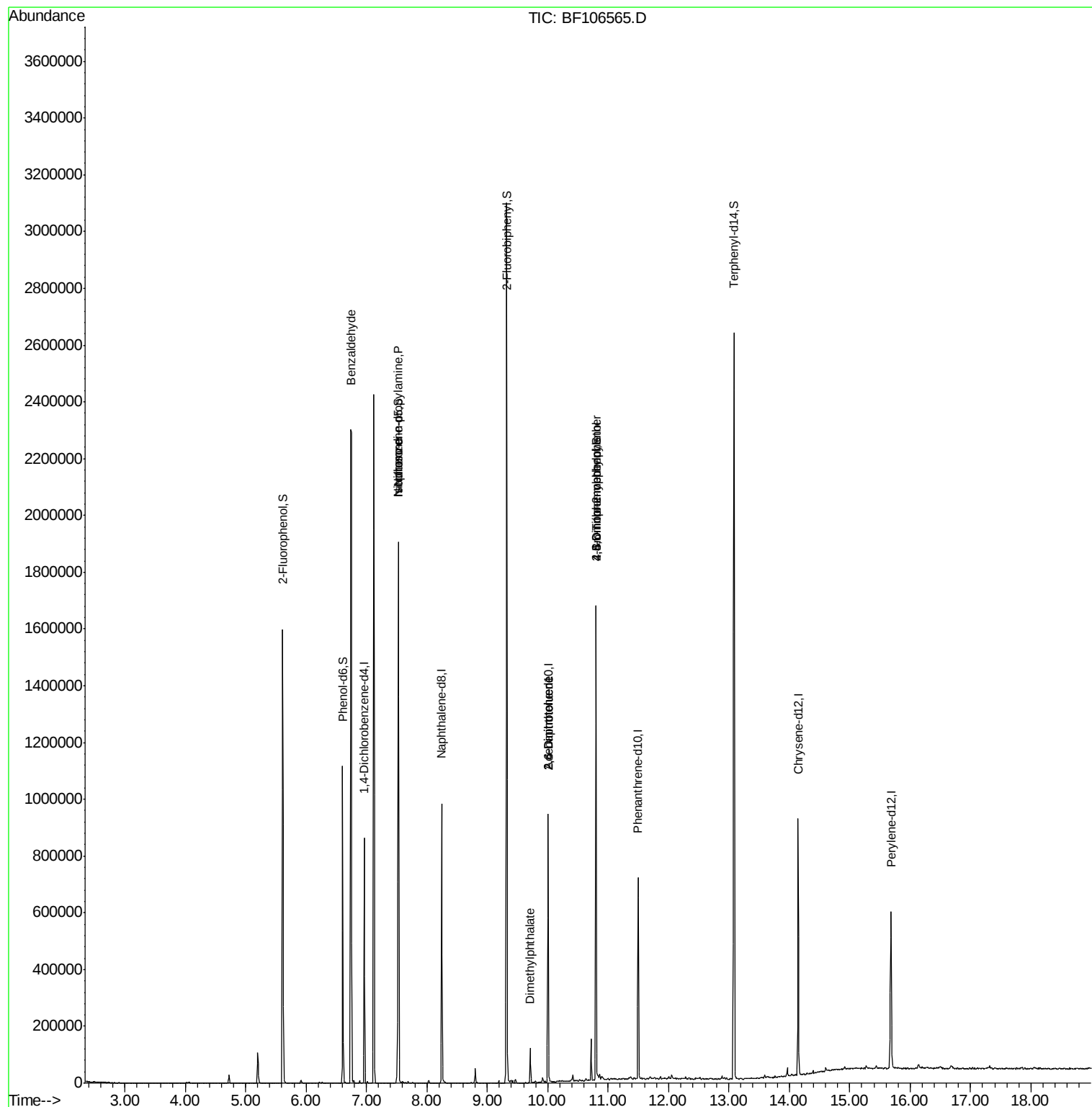
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	15770	2.466	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	93169	14.730	ng	# 75
25) Isophorone	7.53	82	698602	51.758	ng	# 64
49) Dimethylphthalate	9.71	163	45576	3.795	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	21821	8.895	ng	# 24
56) 2,4-Dinitrotoluene	10.01	165	21821	7.083	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	353	6.510	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14007	4.658	ng	# 1

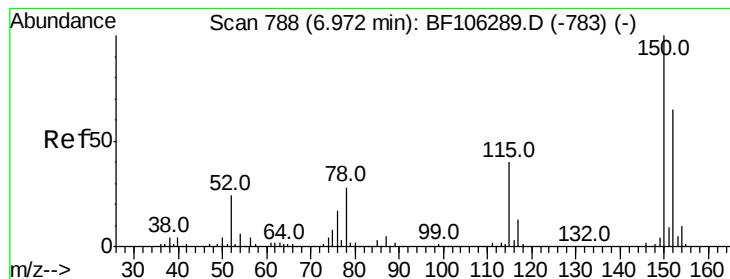
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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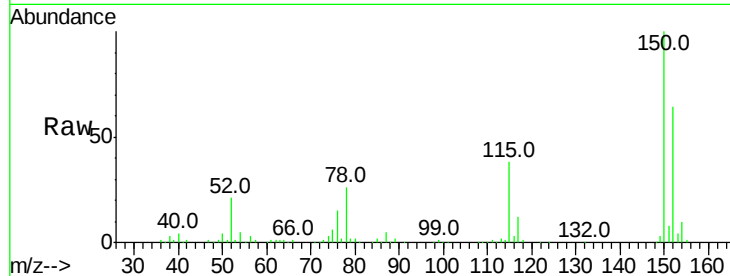


#1

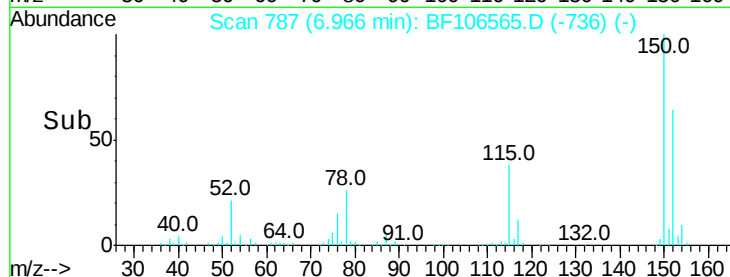
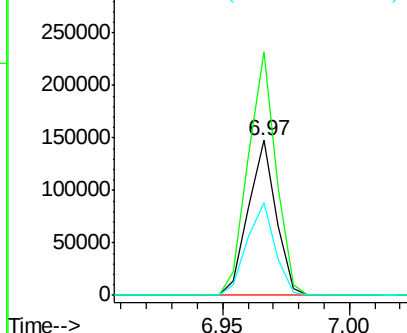
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112939
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 59.4 50.1 75.1



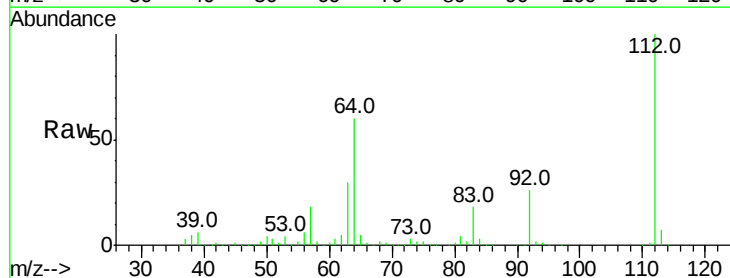
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



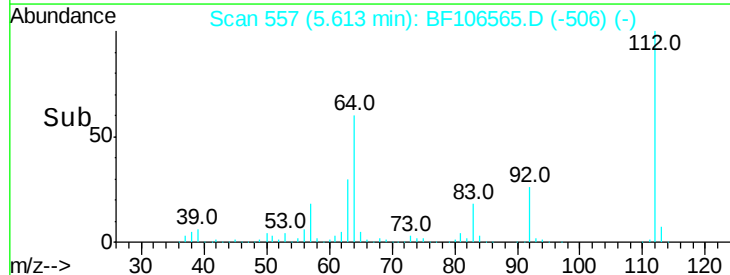
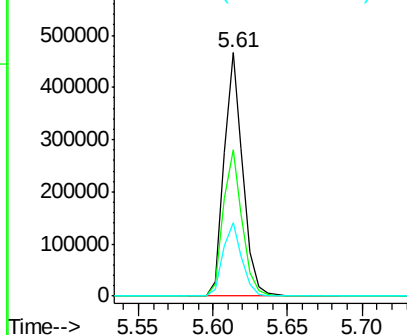
#5

2-Fluorophenol
Concen: 61.717 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Tgt Ion:112 Resp: 411830
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.0 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: 37.340 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106565.D

Acq: 19 Jun 2018 4:10

Instrument :

BNA_F

ClientSampled :

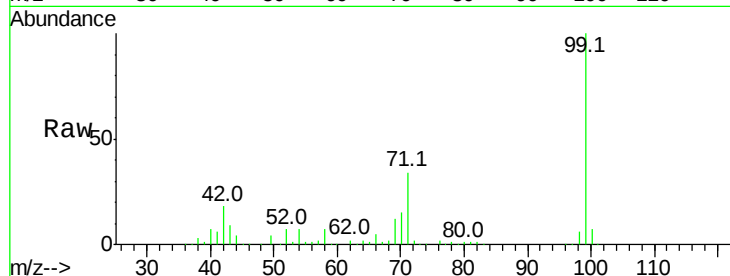
Tot Ion: 99 Resp: 314797

Ion Ratio Lower Upper

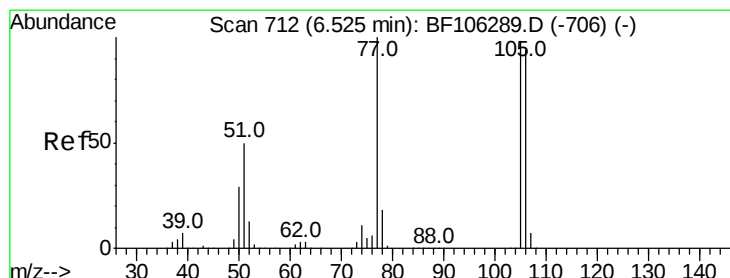
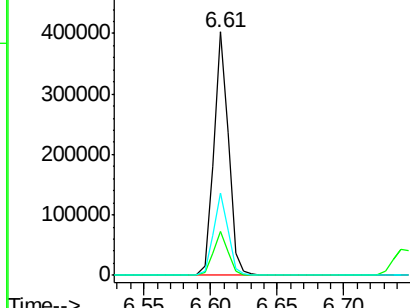
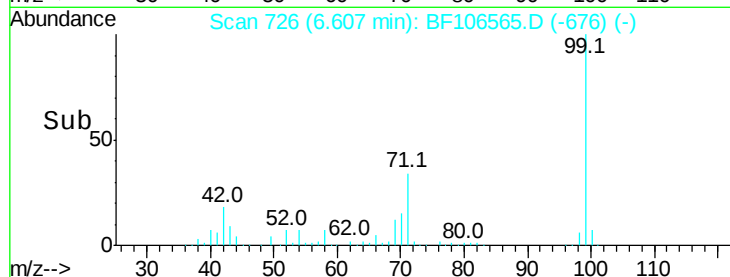
99 100

42 18.0 14.5 21.7

71 33.9 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: 2.466 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106565.D

Acq: 19 Jun 2018 4:10

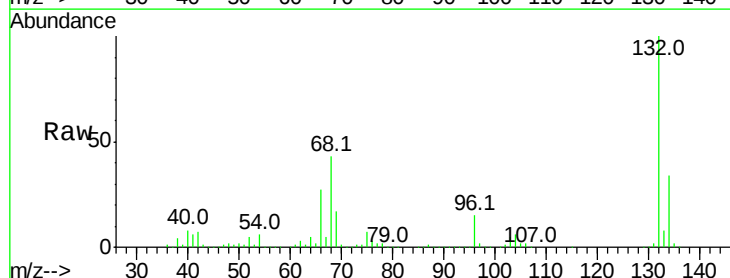
Tgt Ion: 77 Resp: 15770

Ion Ratio Lower Upper

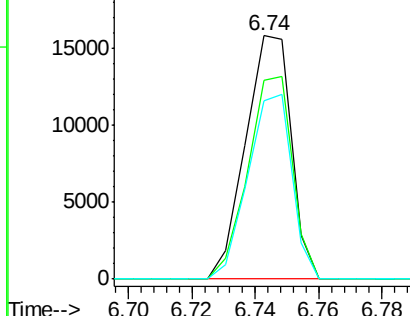
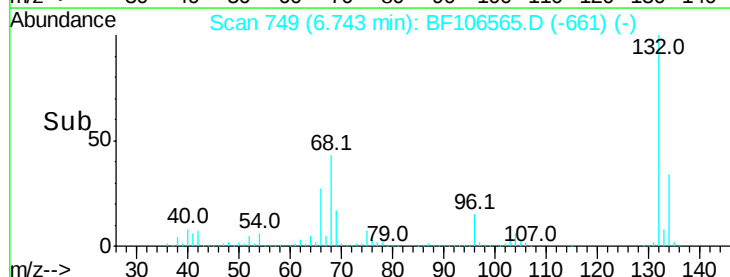
77 100

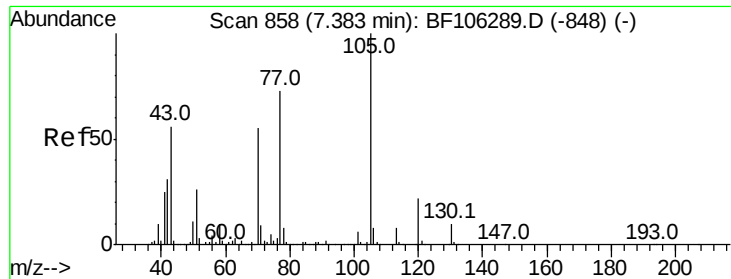
105 81.7 81.1 121.1

106 73.0 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

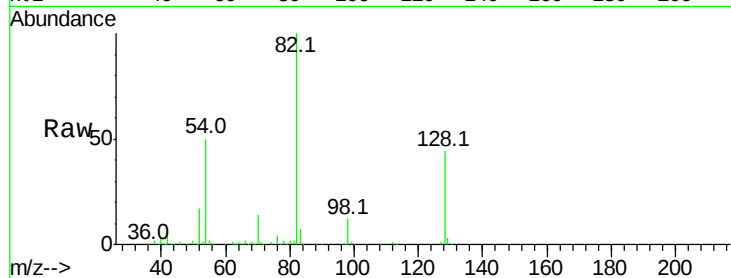




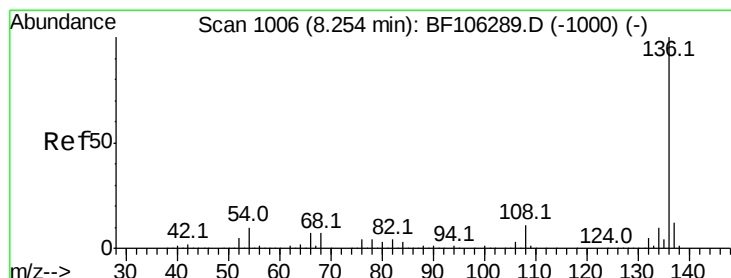
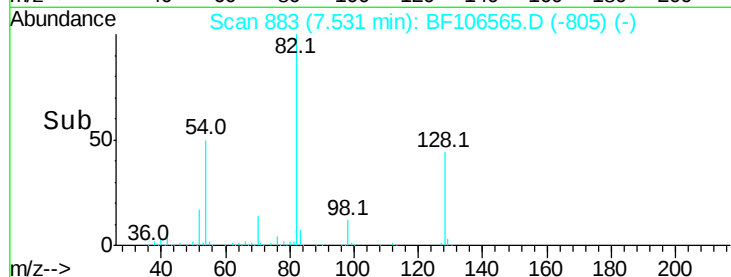
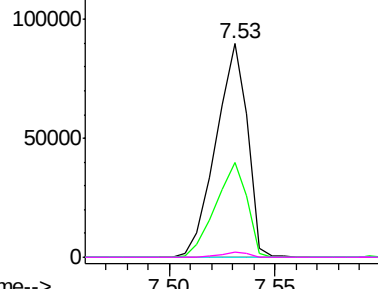
#19
n-Nitroso-di-n-propylamine
Concen: 14.730 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 93169
Ion Ratio Lower Upper
70 100
42 44.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



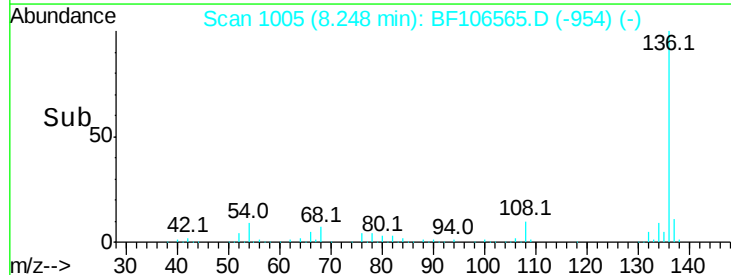
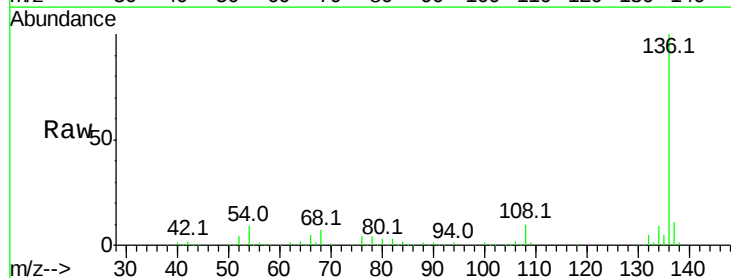
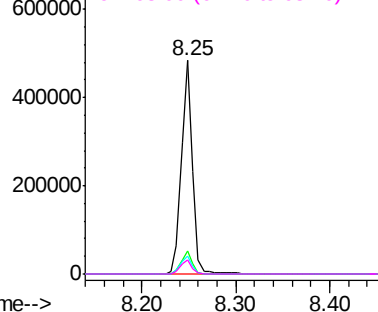
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

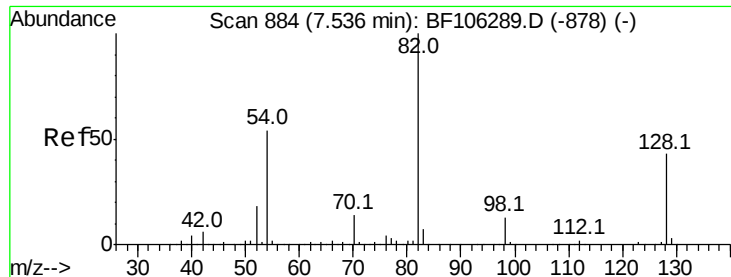


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Tgt Ion:136 Resp: 406522
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.5 6.6 9.8
68 6.7 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

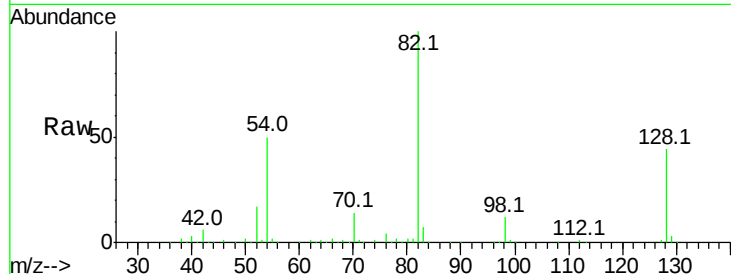




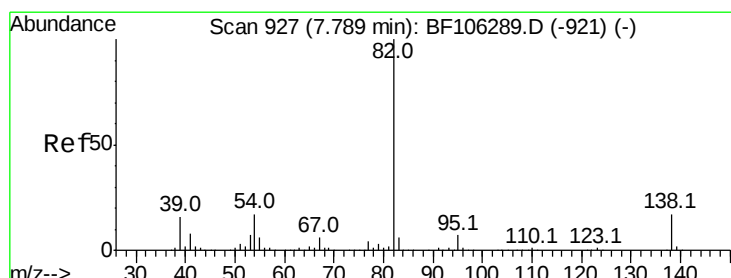
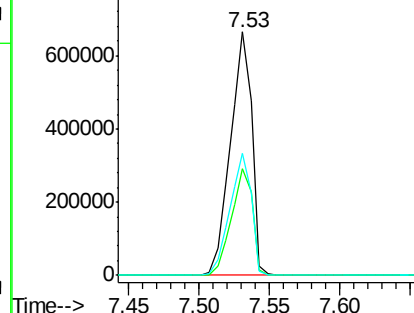
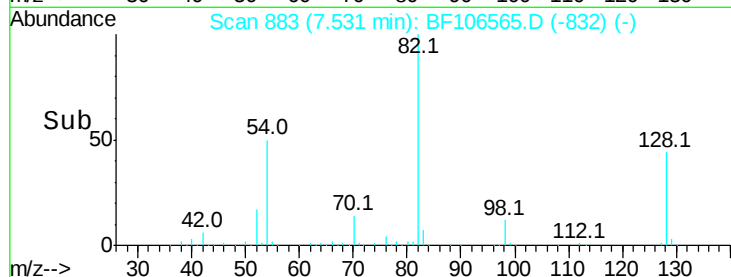
#23
Nitrobenzene-d5
Concen: 101.098 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	698615
Ion Ratio	100	Lower	Upper
128	43.9	36.1	54.1
54	50.2	41.4	62.2

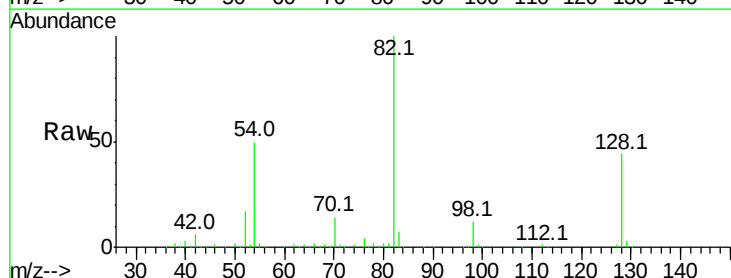


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

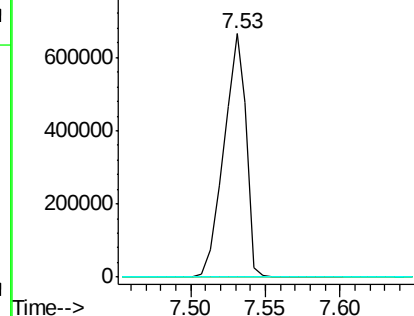
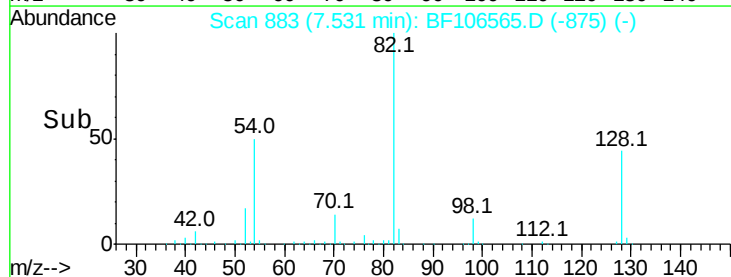


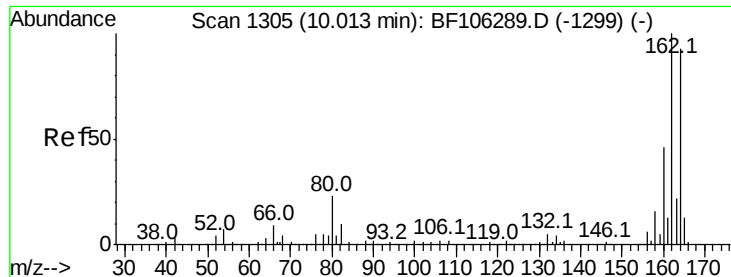
#25
Isophorone
Concen: 51.758 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Tgt Ion	82	Resp	698602
Ion Ratio	100	Lower	Upper
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

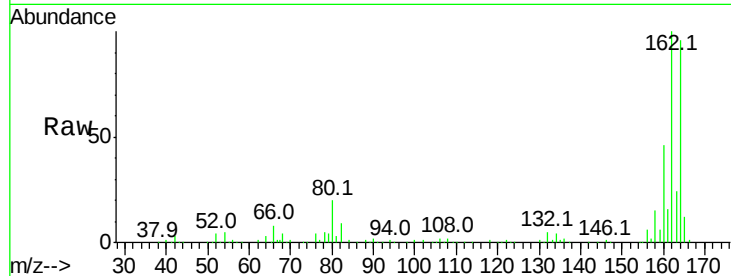




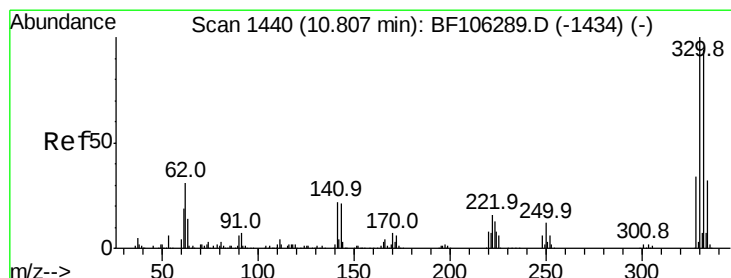
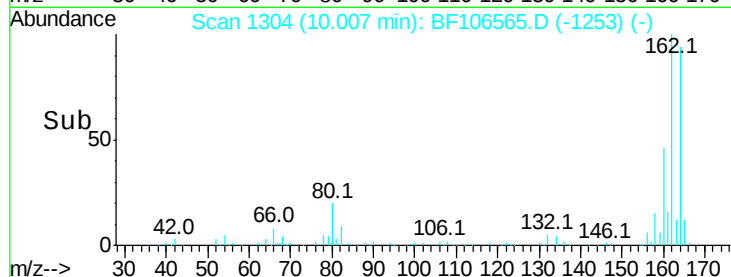
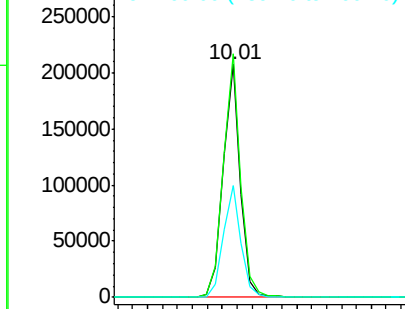
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 168097
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 48.1 38.3 57.5

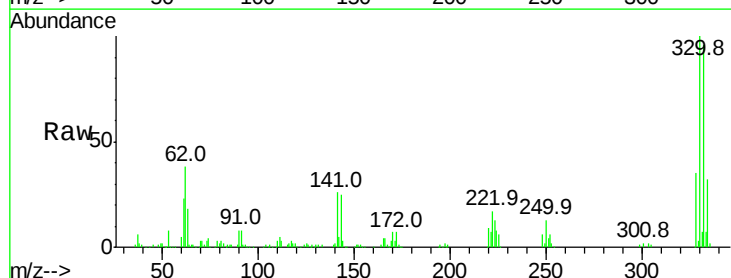


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

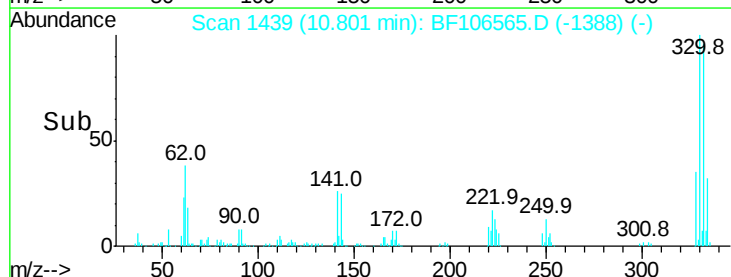
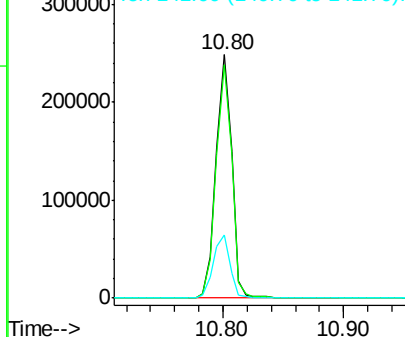


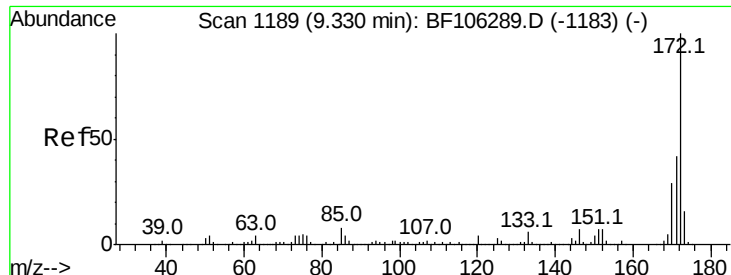
#41
2,4,6-Tribromophenol
Concen: 137.257 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Tgt Ion:330 Resp: 221998
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 27.5 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

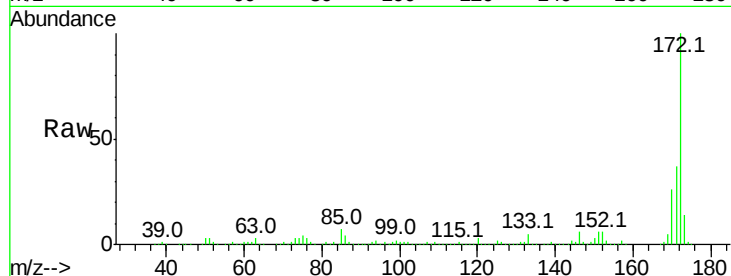




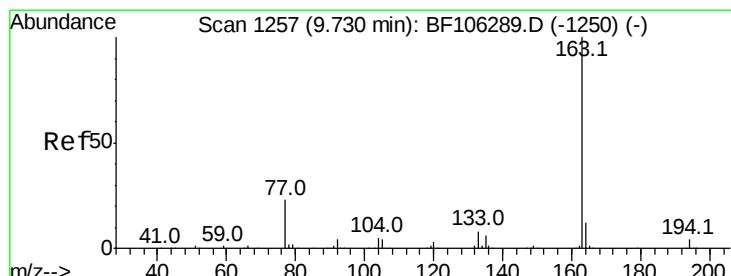
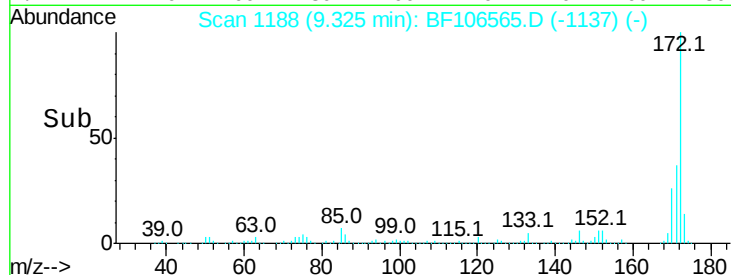
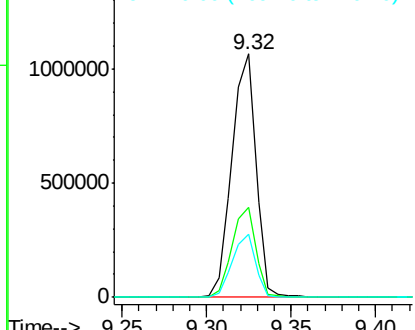
#44
2-Fluorobiphenyl
Concen: 133.099 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1061627
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.8 19.6 29.4

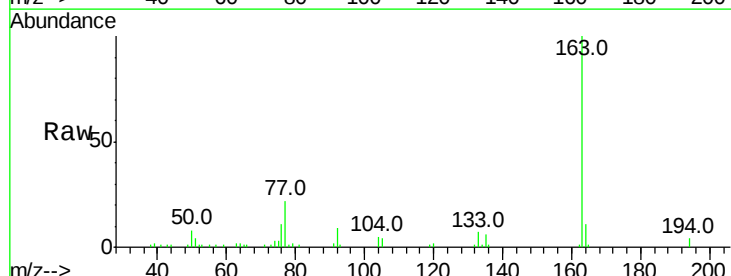


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

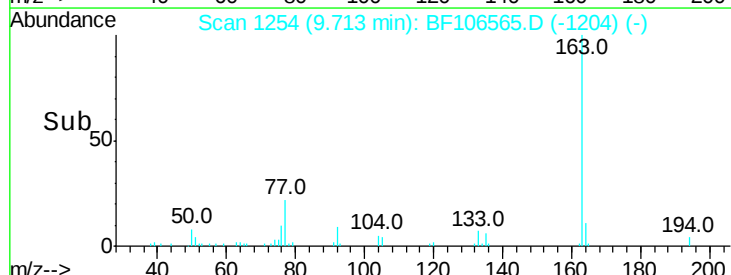
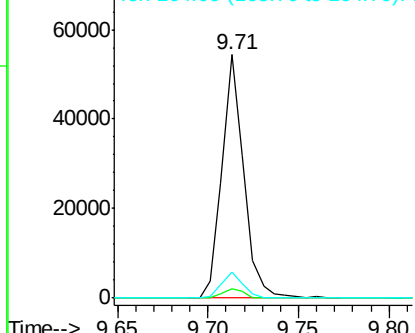


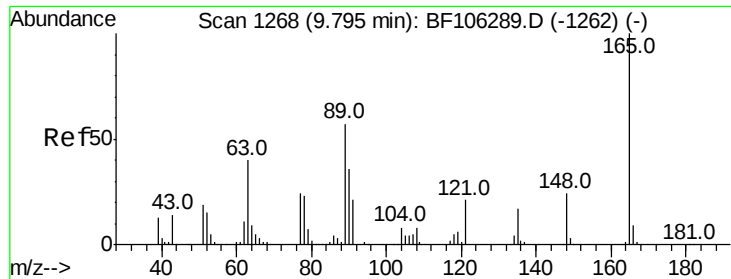
#49
Dimethylphthalate
Concen: 3.795 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106565.D
Acq: 19 Jun 2018 4:10

Tgt Ion:163 Resp: 45576
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 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

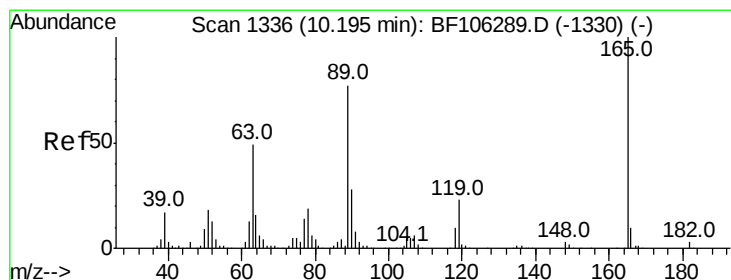
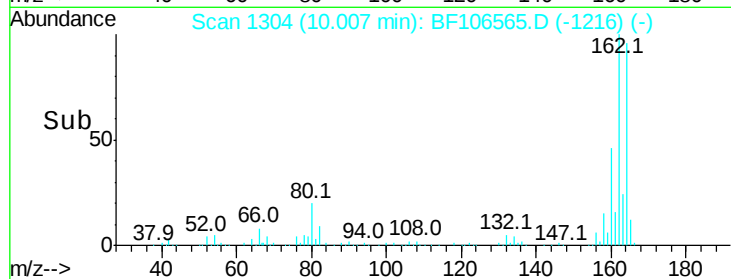
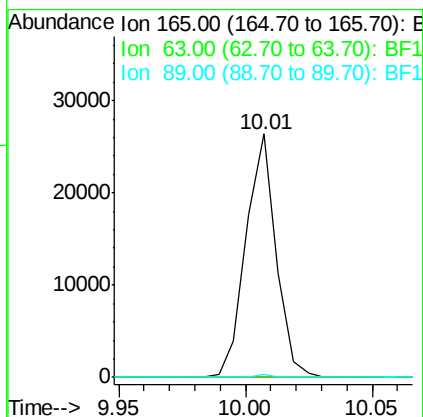
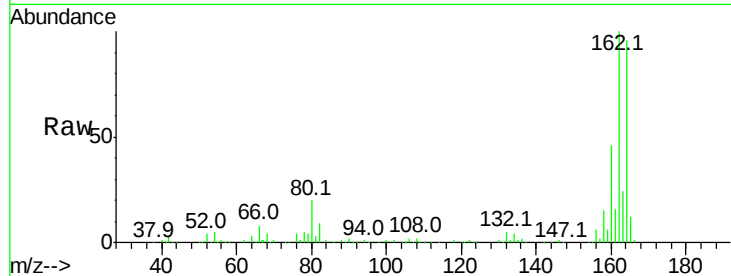




#50
 2,6-Dinitrotoluene
 Concen: 8.895 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106565.D
 Acq: 19 Jun 2018 4:10

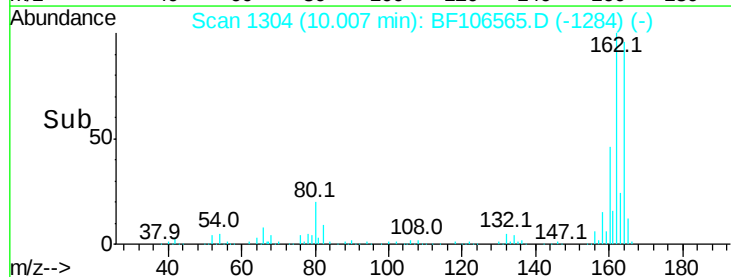
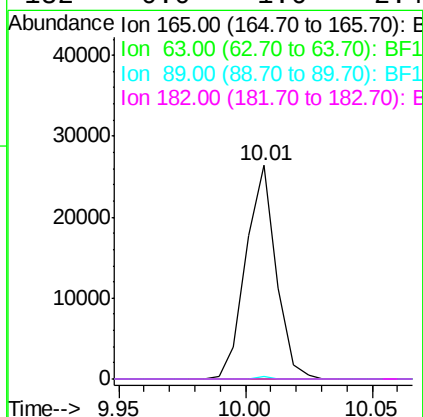
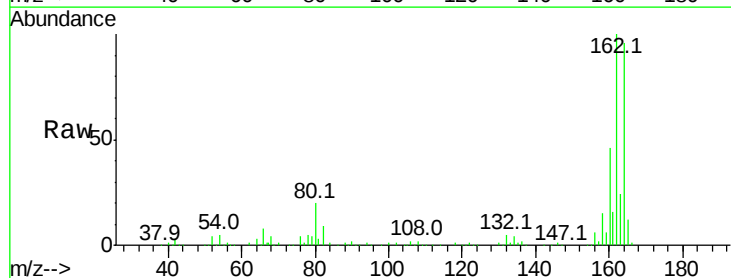
Instrument :
 BNA_F
 ClientSampleId :

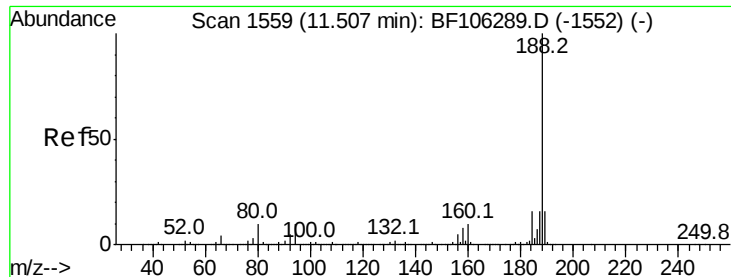
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.083 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106565.D
 Acq: 19 Jun 2018 4:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106565.D

Acq: 19 Jun 2018 4:10

Instrument :

BNA_F

ClientSampleId :

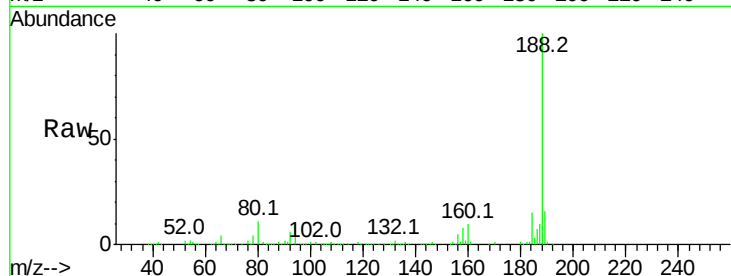
Tot Ion:188 Resp: 264384

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

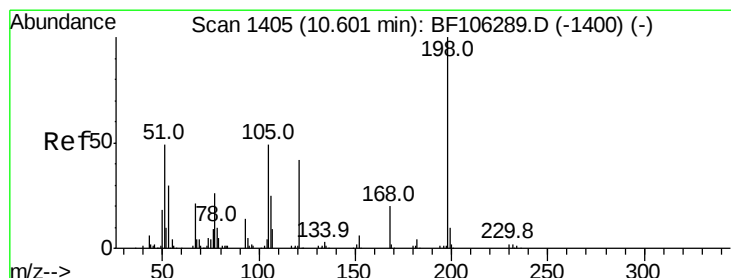
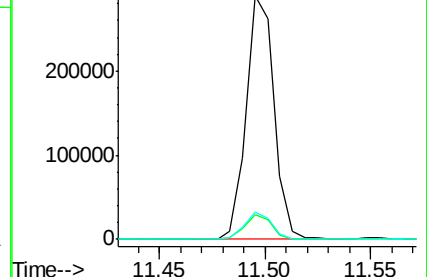
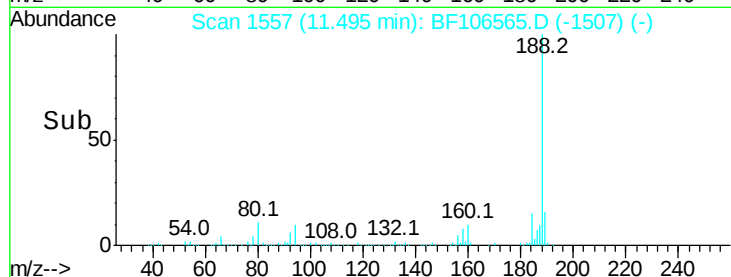
80 11.5 9.2 13.8



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: 6.510 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106565.D

Acq: 19 Jun 2018 4:10

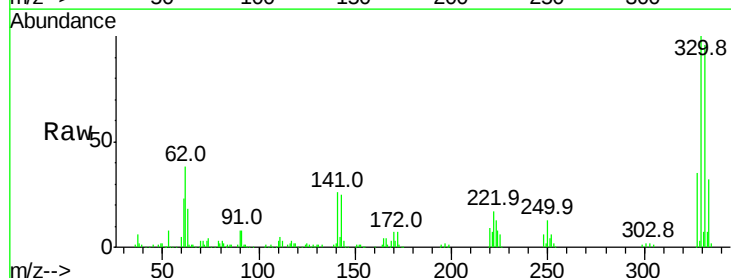
Tgt Ion:198 Resp: 353

Ion Ratio Lower Upper

198 100

51 158.1 37.7 77.7#

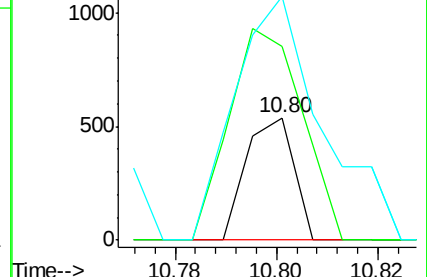
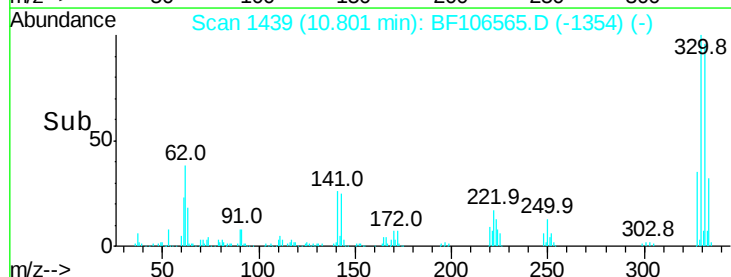
105 198.7 36.3 76.3#

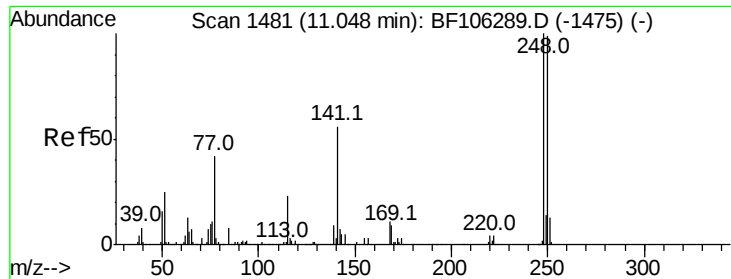


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

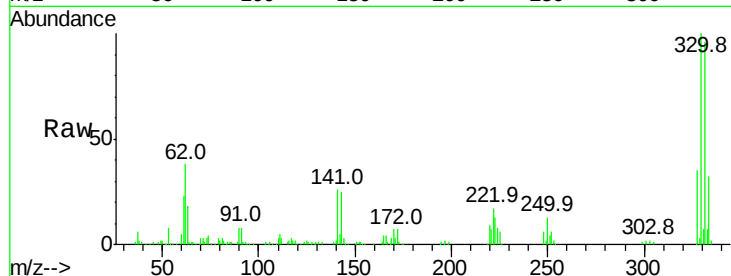




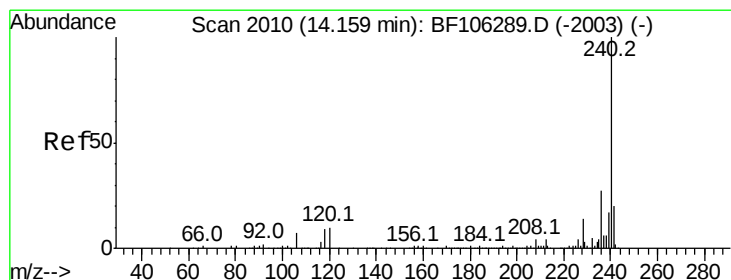
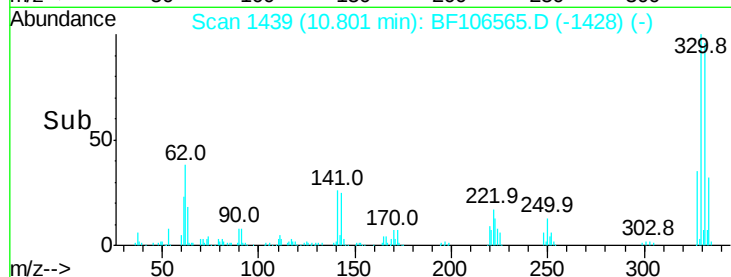
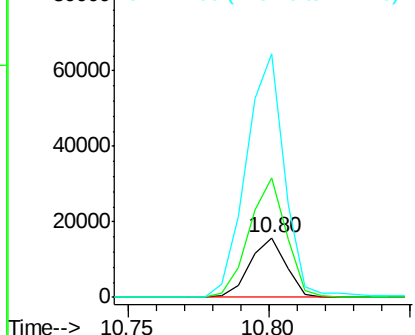
#66
 4-Bromophenyl-phenylether
 Concen: 4.658 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106565.D
 Acq: 19 Jun 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14007
 Ion Ratio Lower Upper
 248 100
 250 200.6 76.9 115.3#
 141 410.8 74.4 111.6#

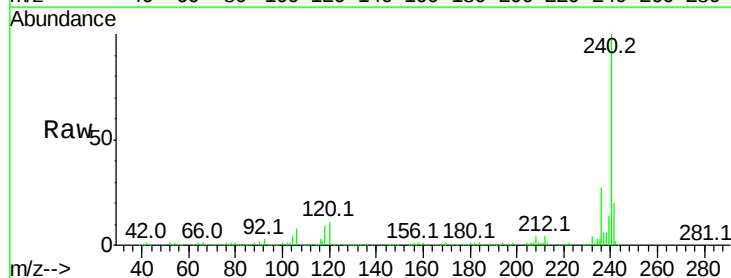


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

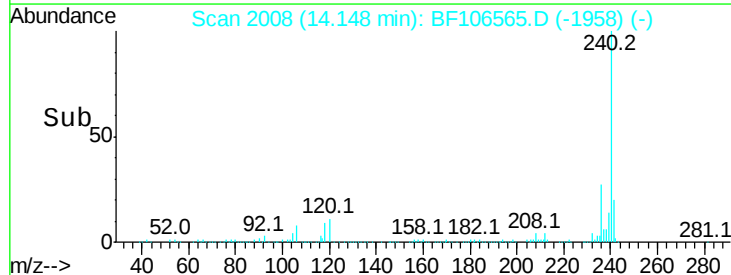
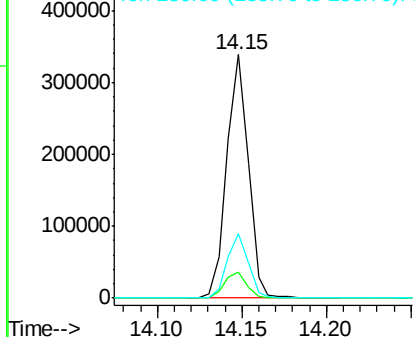


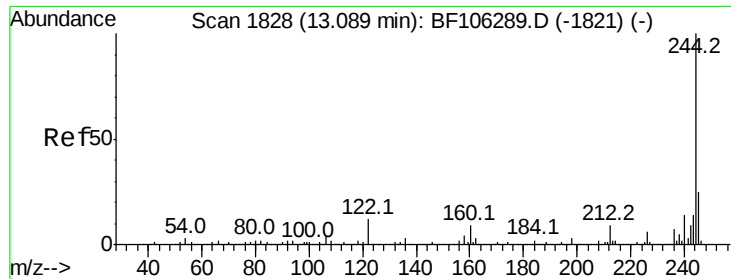
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106565.D
 Acq: 19 Jun 2018 4:10

Tgt Ion:240 Resp: 299240
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 26.7 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

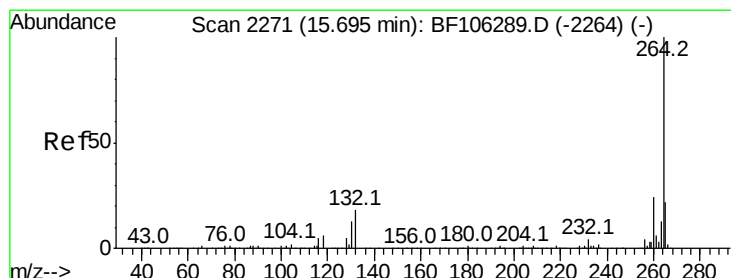
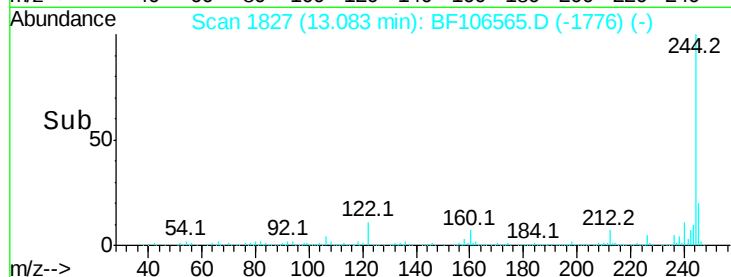
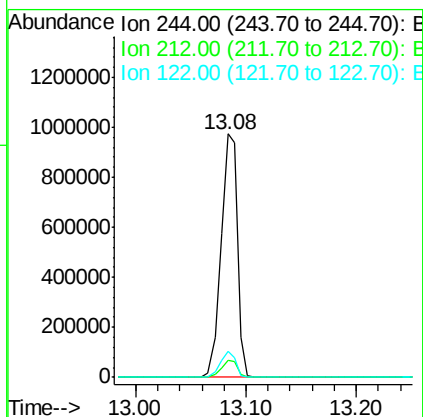
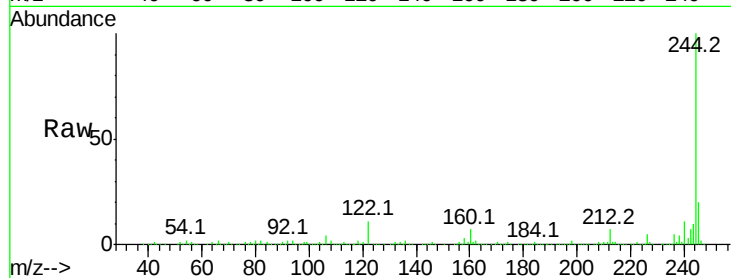




#78
 Terphenyl-d14
 Concen: 83.411 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106565.D
 Acq: 19 Jun 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1004920
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106565.D
 Acq: 19 Jun 2018 4:10

Tgt Ion:264 Resp: 270949
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.7 17.5 26.3

