

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106354.D
 Acq On : 12 Jun 2018 19:36
 Operator : JU/SJ
 Sample : J3415-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:10:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

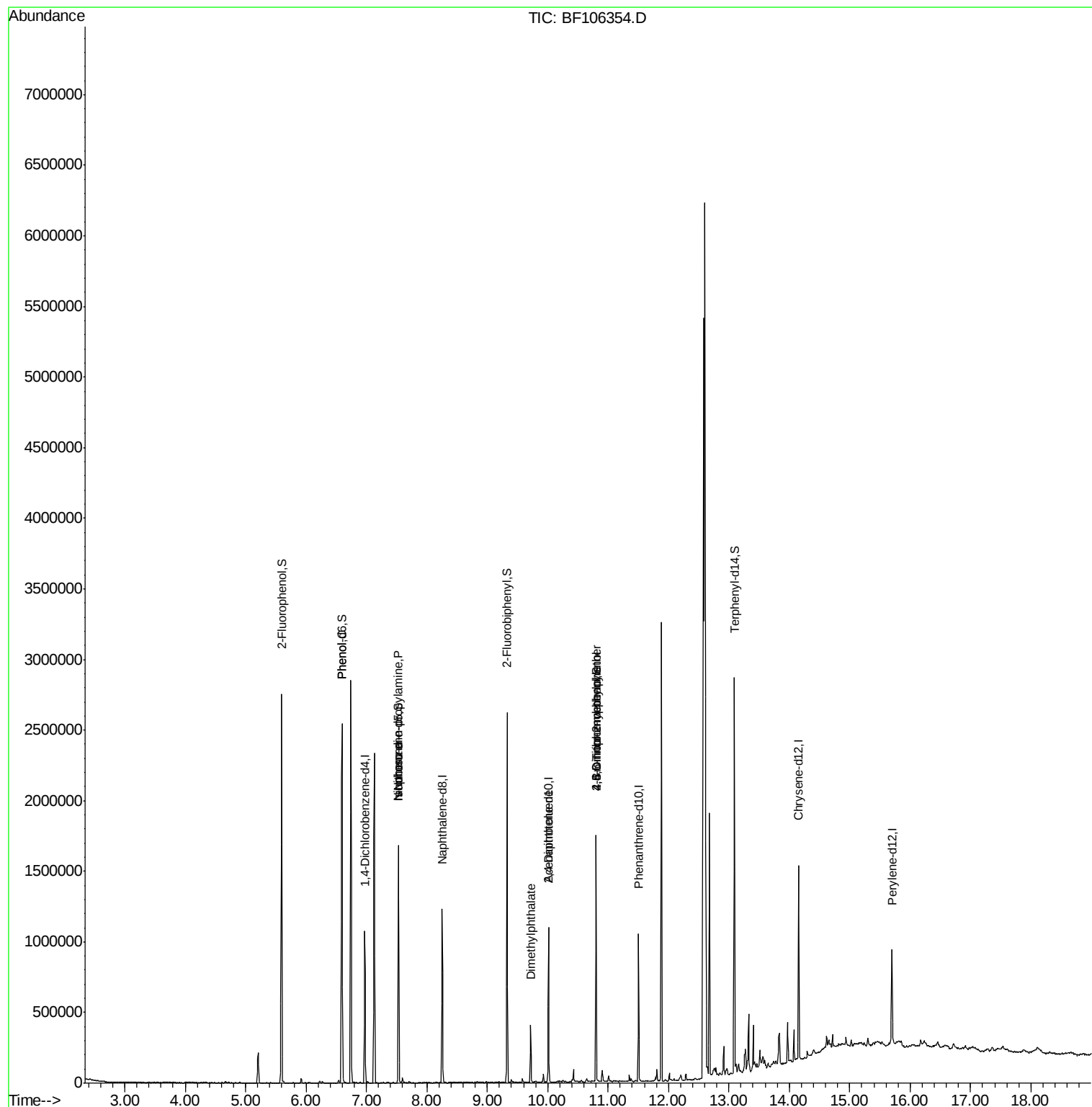
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141275	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	478418	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	191931	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	392018	20.00	ng	0.00
75) Chrysene-d12	14.15	240	451440	20.00	ng	0.00
86) Perylene-d12	15.70	264	342155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	721191	86.40	ng	0.01
7) Phenol-d6	6.60	99	846246	80.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	525506	64.62	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	187858	101.73	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	769580	66.12	ng	0.00
78) Terphenyl-d14	13.09	244	959947	52.82	ng	0.00
Target Compounds						
10) Phenol	6.60	94	24967	2.169	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	71182	8.997	ng	# 77
25) Isophorone	7.53	82	525500	33.083	ng	# 64
49) Dimethylphthalate	9.72	163	128837	9.396	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	24326	6.916	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	335	6.432	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	12459	2.794	ng	# 1

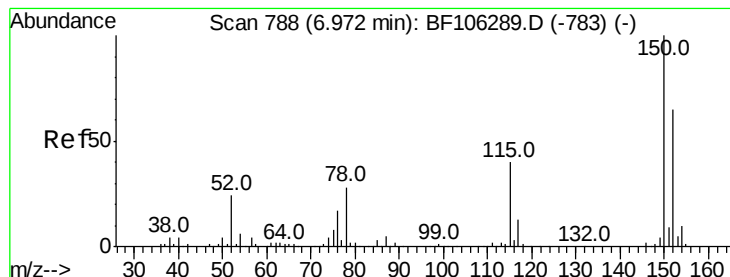
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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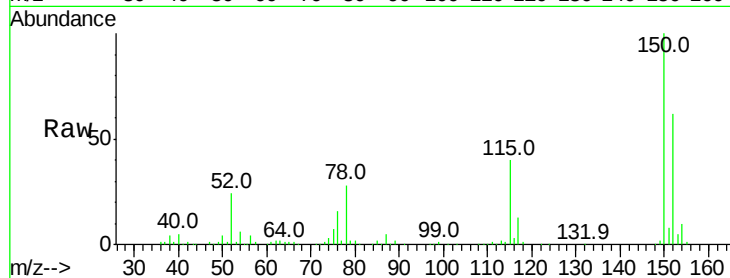


#1

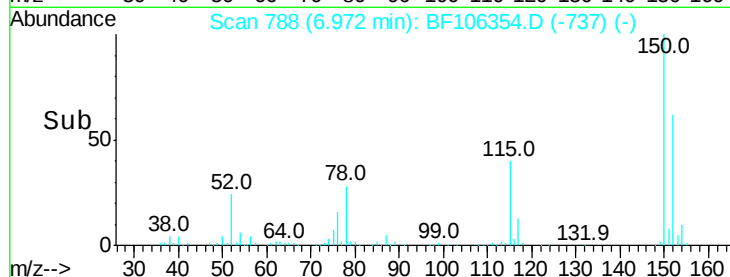
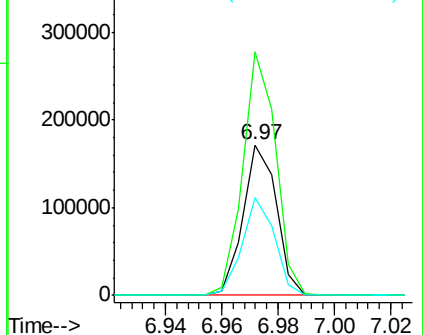
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141275
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 65.1 50.1 75.1



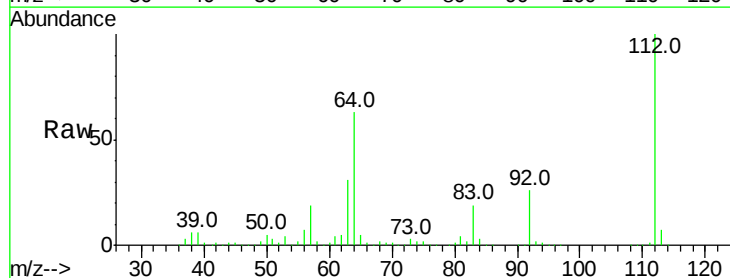
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



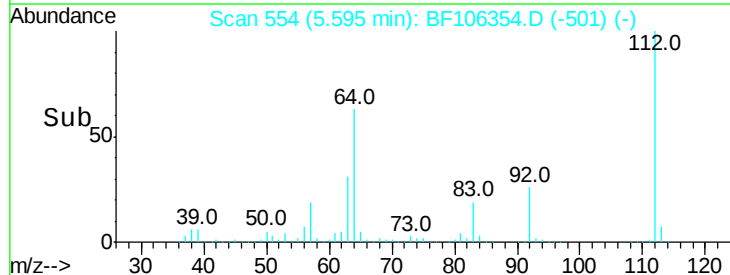
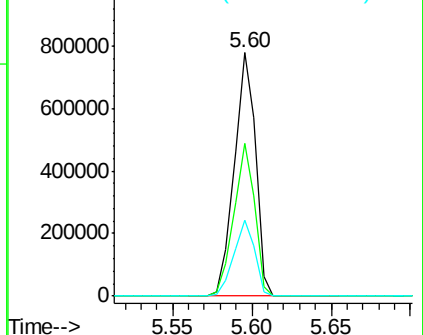
#5

2-Fluorophenol
Concen: 86.400 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Tgt Ion:112 Resp: 721191
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.2 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: 80.245 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

Instrument :

BNA_F

ClientSampleId :

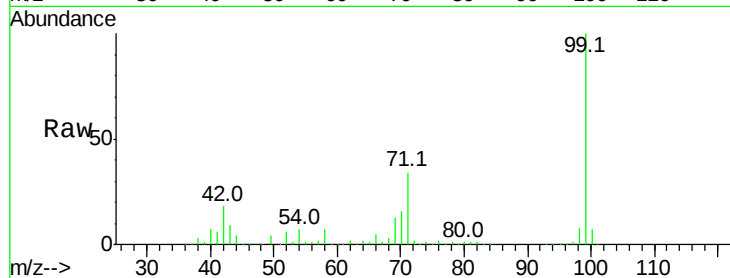
Tot Ion: 99 Resp: 846246

Ion Ratio Lower Upper

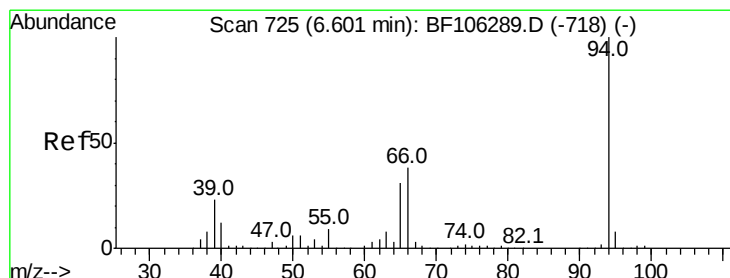
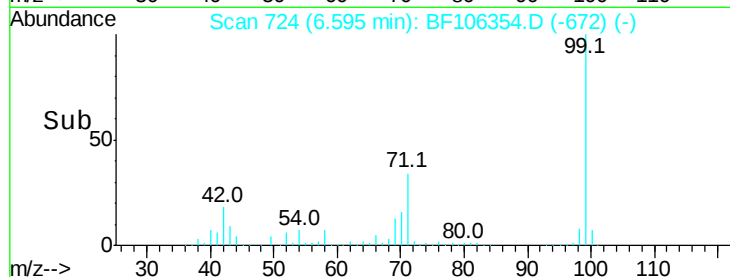
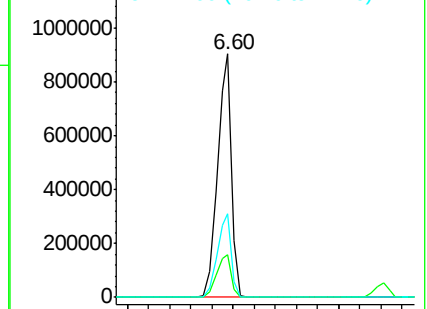
99 100

42 17.7 14.5 21.7

71 34.4 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



#10

Phenol

Concen: 2.169 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

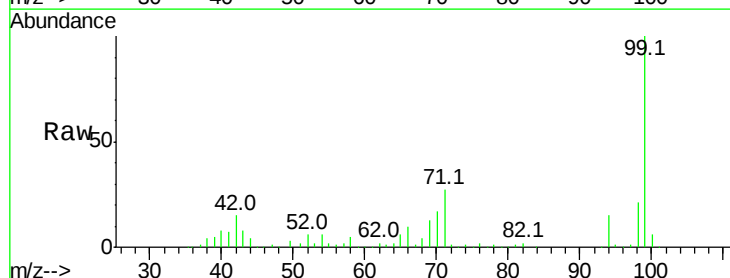
Tgt Ion: 94 Resp: 24967

Ion Ratio Lower Upper

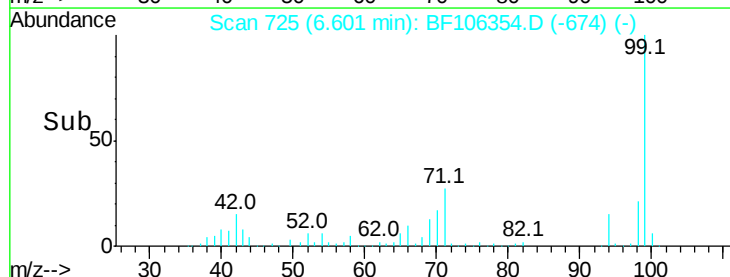
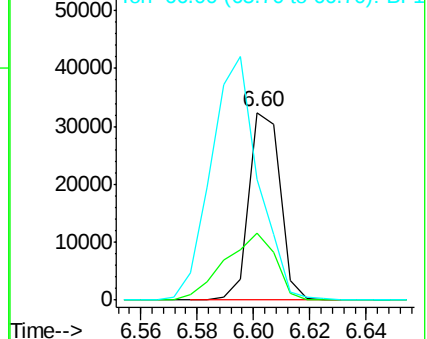
94 100

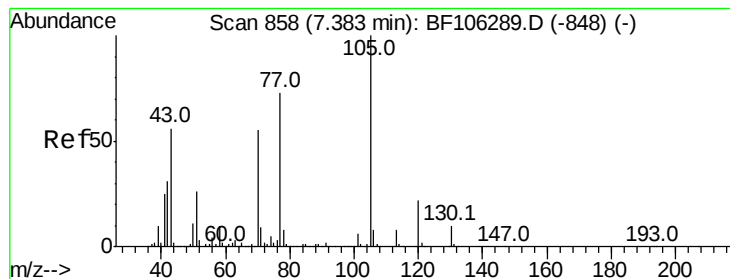
65 35.9 7.9 47.9

66 64.0 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 8.997 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 71182

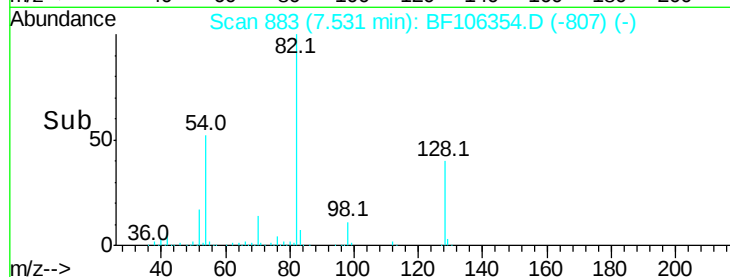
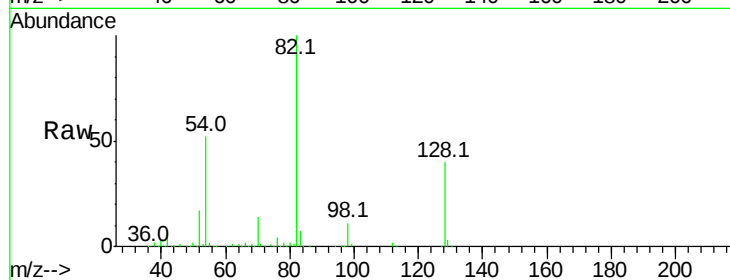
Ion Ratio Lower Upper

70 100

42 46.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



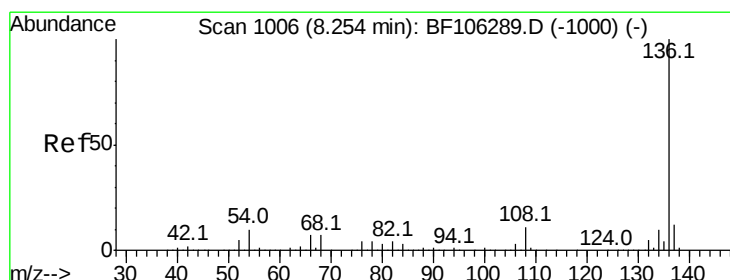
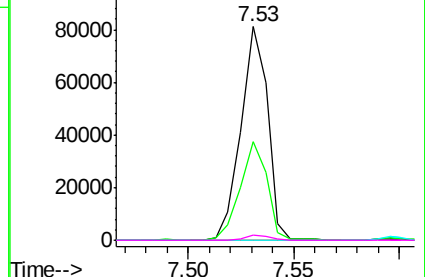
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

Tgt Ion: 136 Resp: 478418

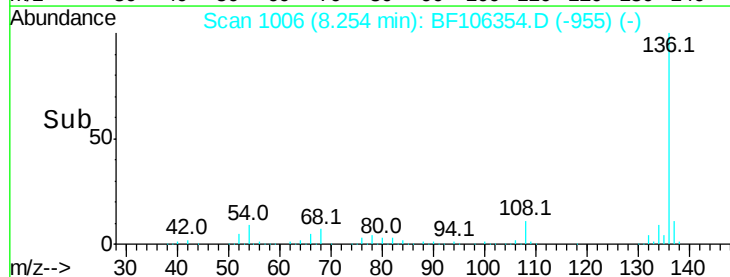
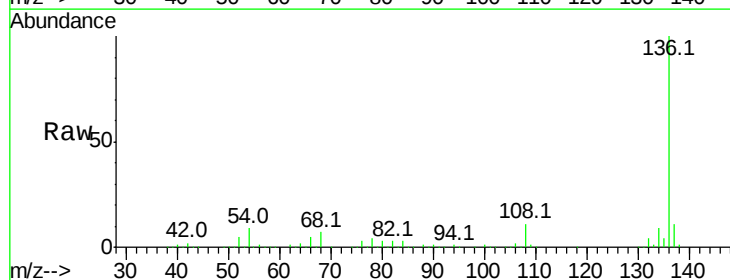
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 7.0 5.0 7.4



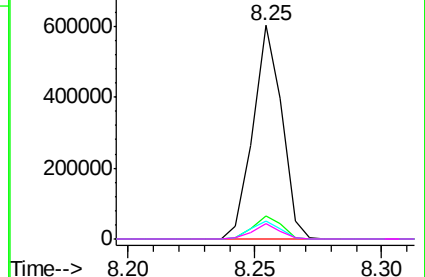
Abundance Ion 136.00 (135.70 to 136.70): BF1

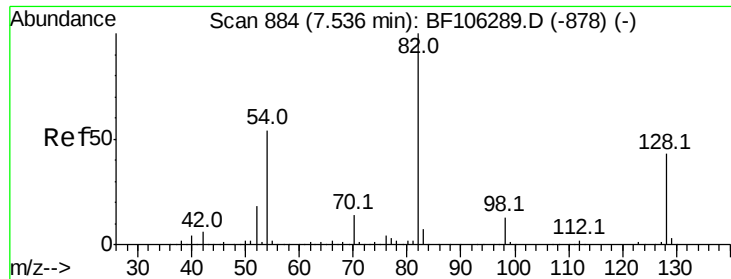
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

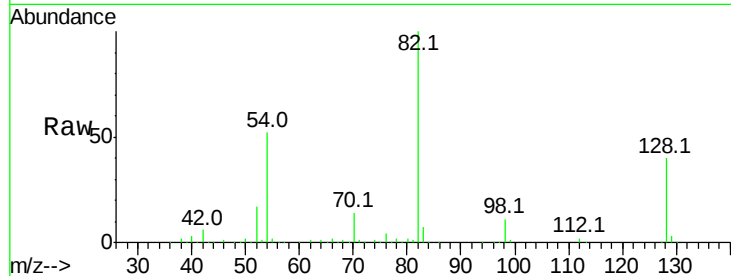




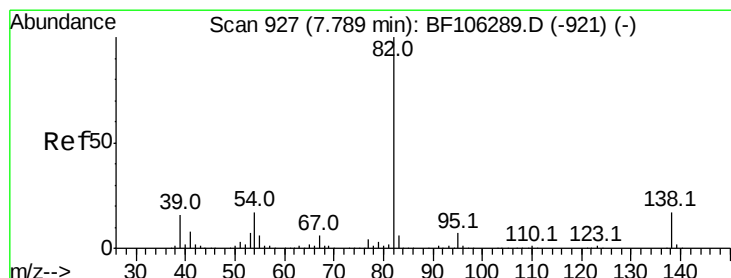
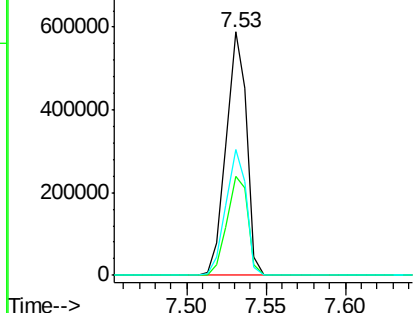
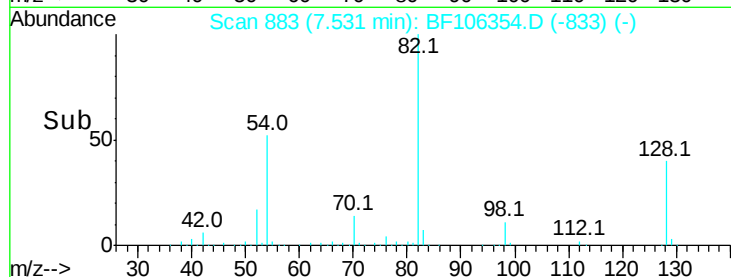
#23
Nitrobenzene-d5
Concen: 64.619 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.1	54.1
54	51.9	41.4	62.2

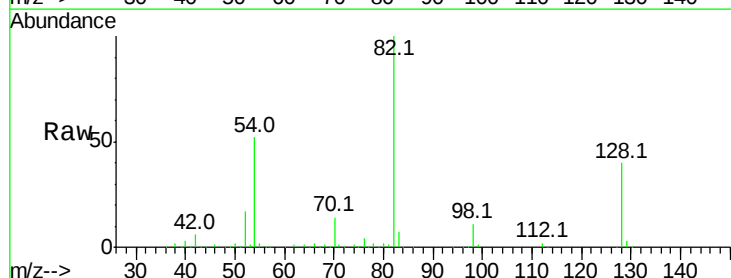


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

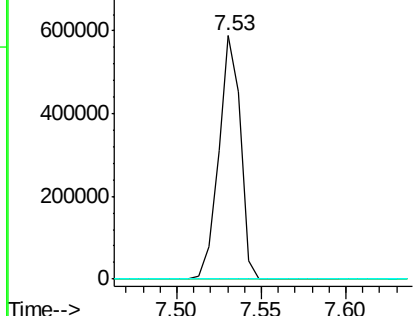
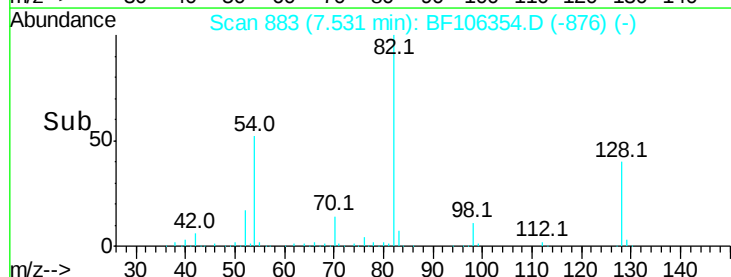


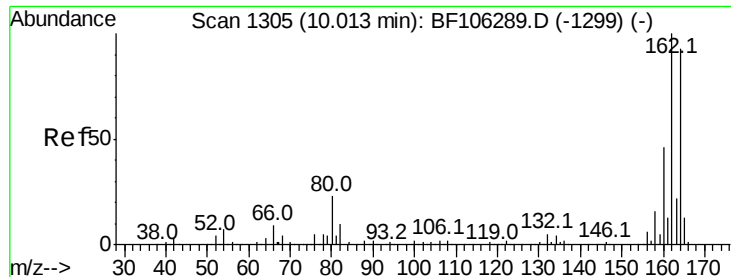
#25
Isophorone
Concen: 33.083 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Tgt 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# 1305

Delta R.T. 0.00 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

Instrument :

BNA_F

ClientSampleId :

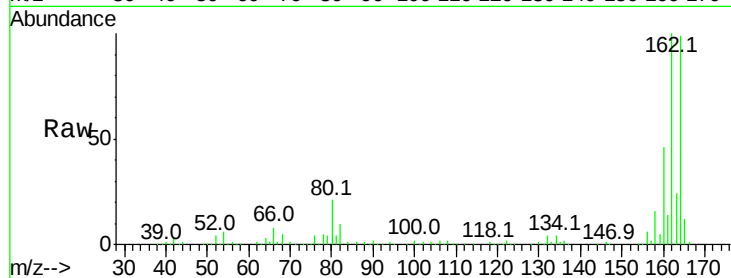
Tot Ion:164 Resp: 191931

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

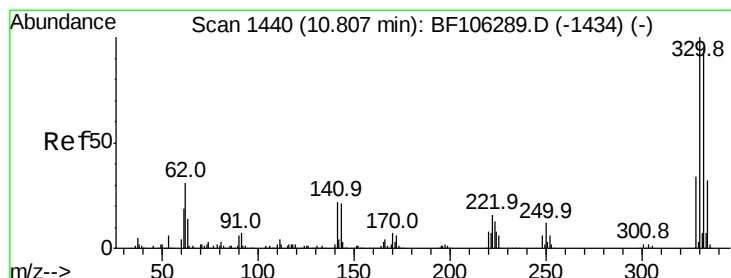
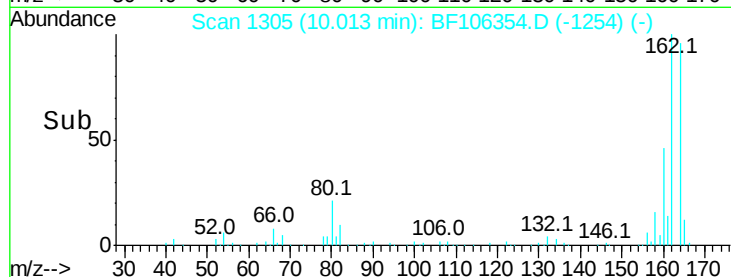
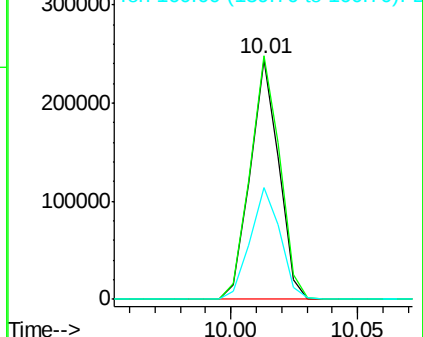
160 46.5 38.3 57.5



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: 101.726 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

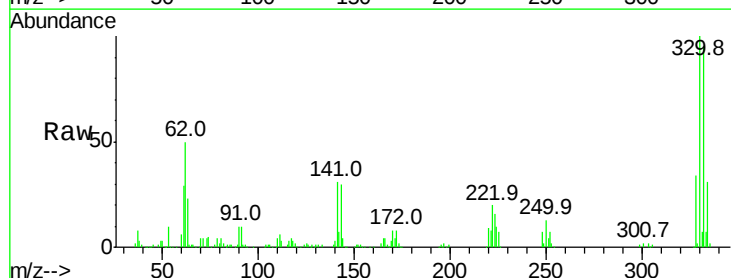
Tgt Ion:330 Resp: 187858

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

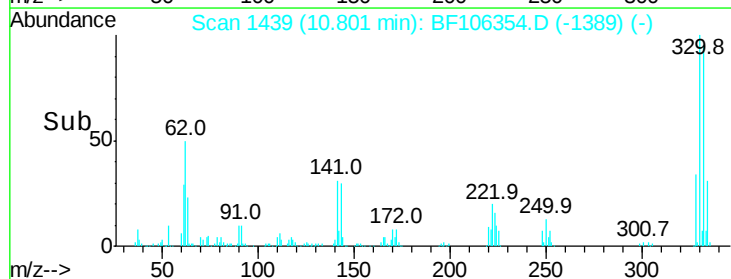
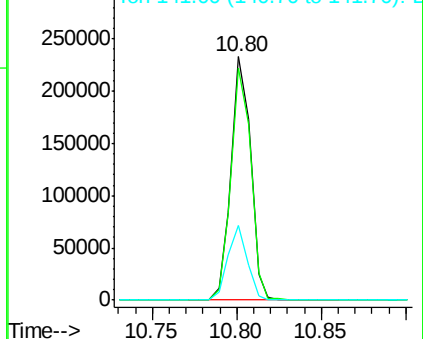
141 30.5 29.9 44.9

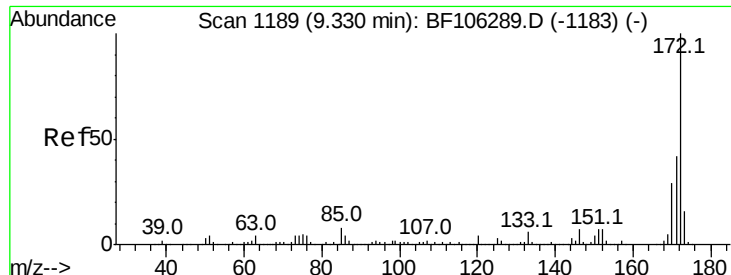


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

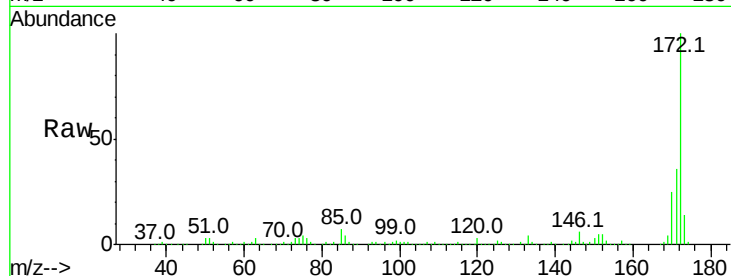




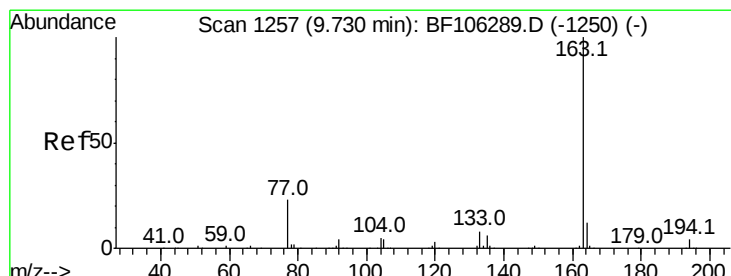
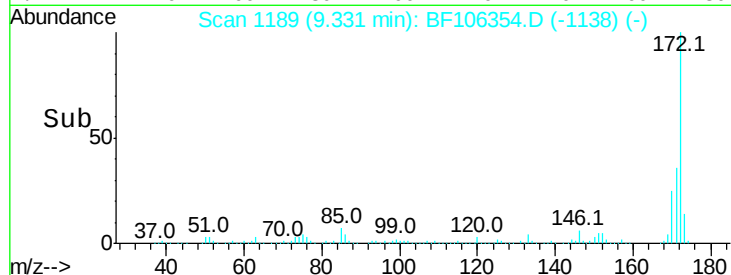
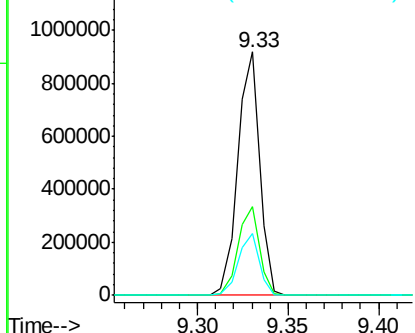
#44
2-Fluorobiphenyl
Concen: 66.123 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 769580
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 25.4 19.6 29.4

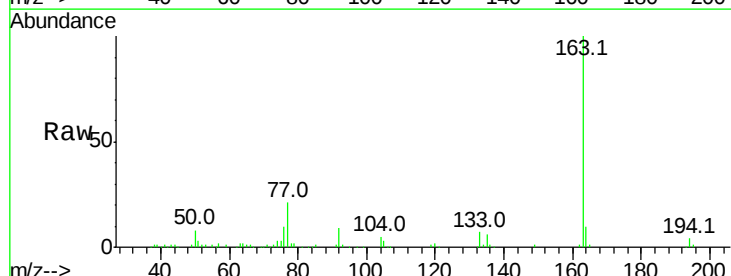


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

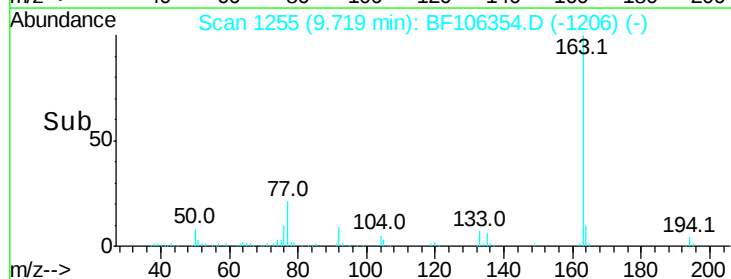
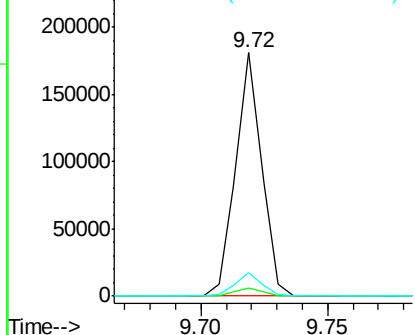


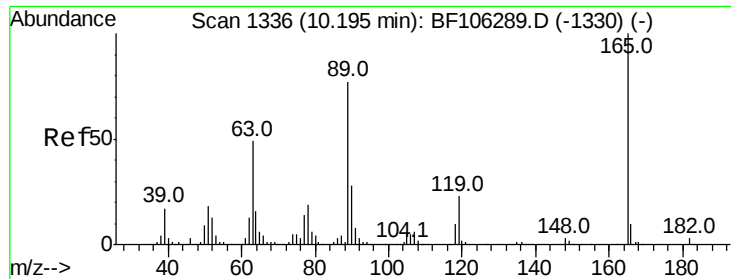
#49
Dimethylphthalate
Concen: 9.396 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Tgt Ion:163 Resp: 128837
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 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

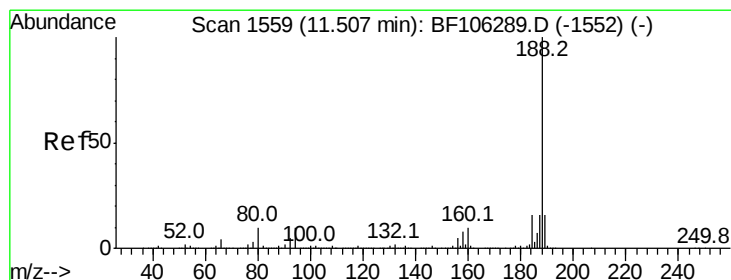
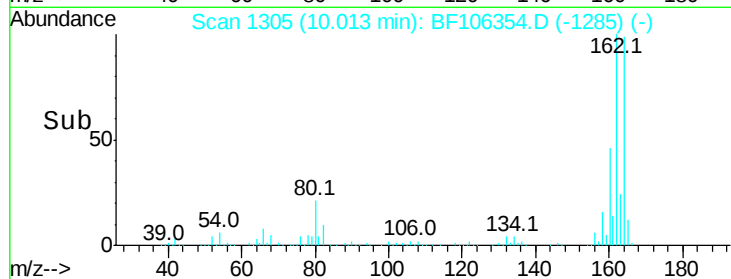
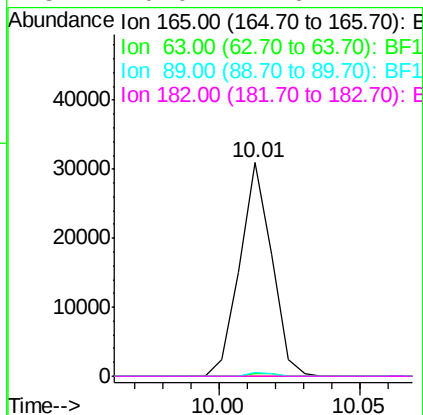
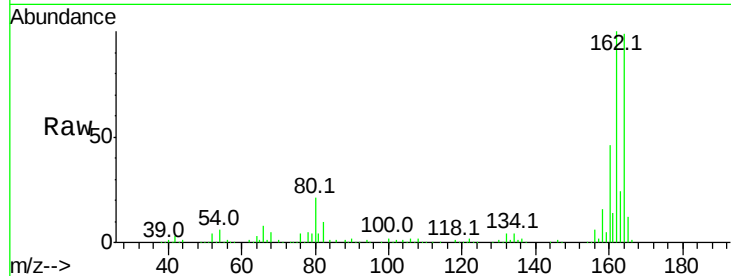




#56
 2,4-Dinitrotoluene
 Concen: 6.916 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.18 min
 Lab File: BF106354.D
 Acq: 12 Jun 2018 19:36

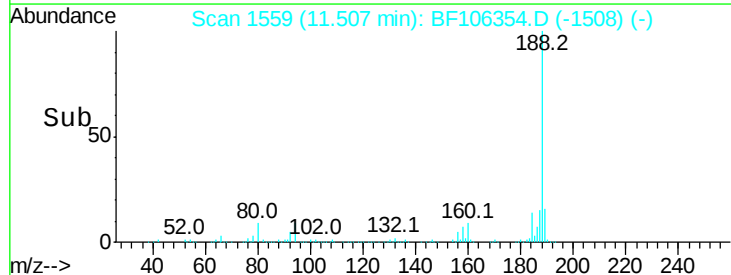
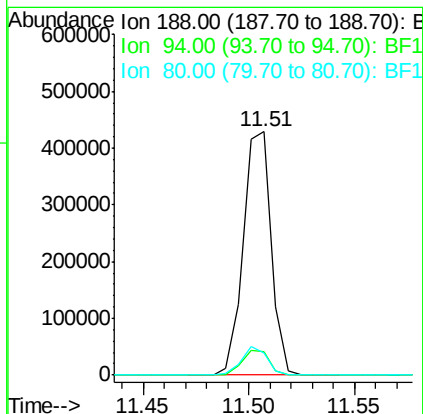
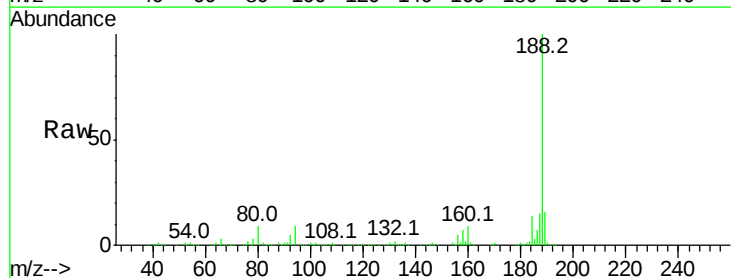
Instrument :
 BNA_F
 ClientSampleId :

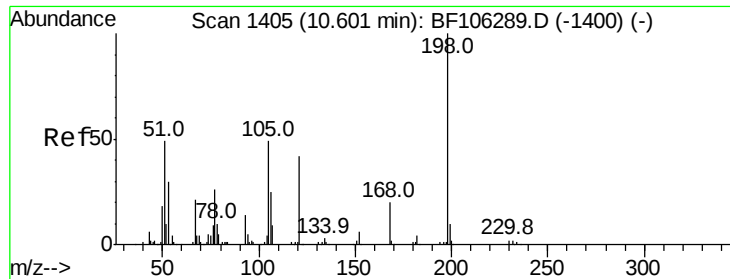
Tot Ion:	165	Resp:	24326
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106354.D
 Acq: 12 Jun 2018 19:36

Tgt Ion:	188	Resp:	392018
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	8.9	9.2	13.8#

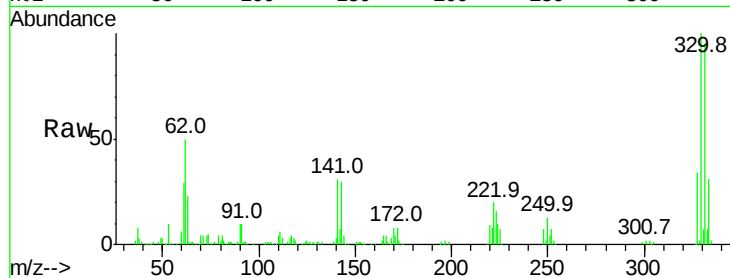




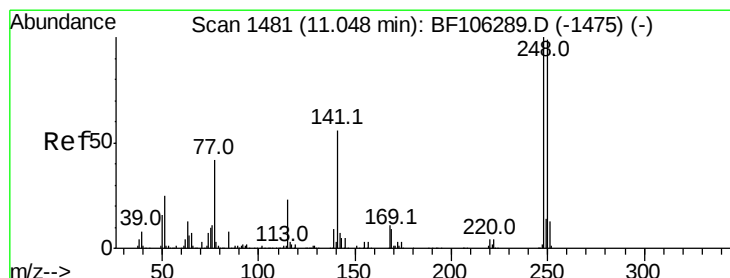
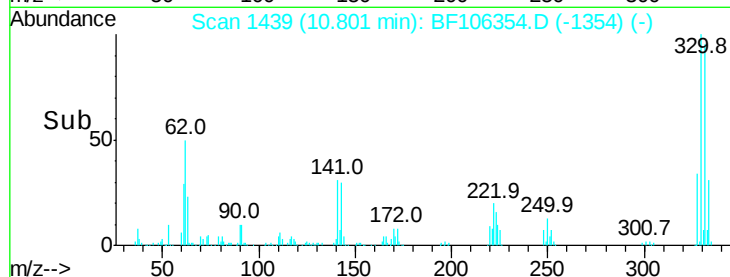
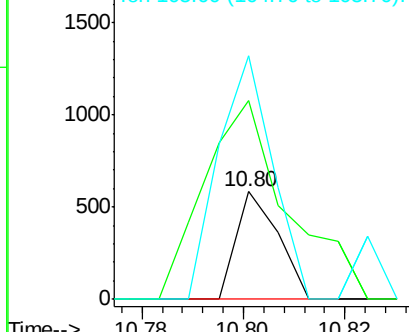
#64
4,6-Dinitro-2-methylphenol
Concen: 6.432 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 335
Ion Ratio Lower Upper
198 100
51 185.1 37.7 77.7#
105 226.0 36.3 76.3#

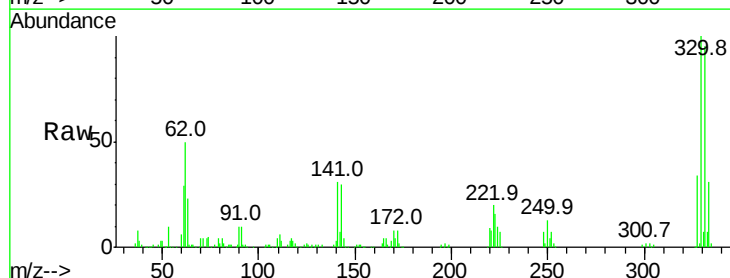


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

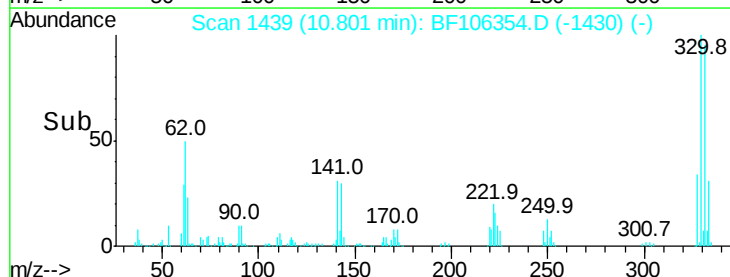
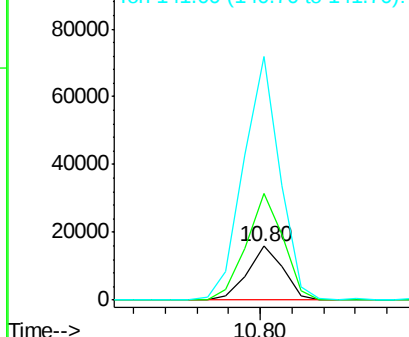


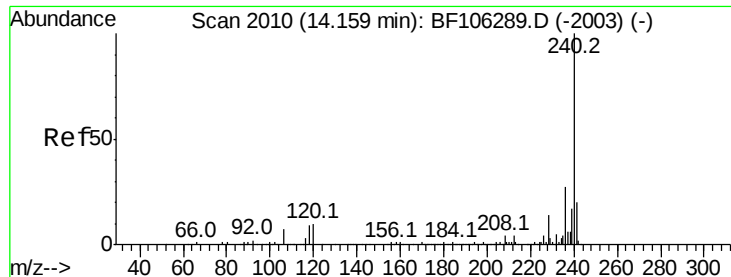
#66
4-Bromophenyl-phenylether
Concen: 2.794 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106354.D
Acq: 12 Jun 2018 19:36

Tgt Ion:248 Resp: 12459
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 451.9 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

Chrvsene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

Instrument :

BNA_F

ClientSampleId :

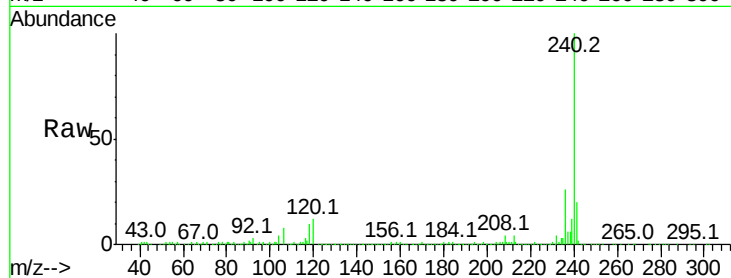
Tot Ion:240 Resp: 451440

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

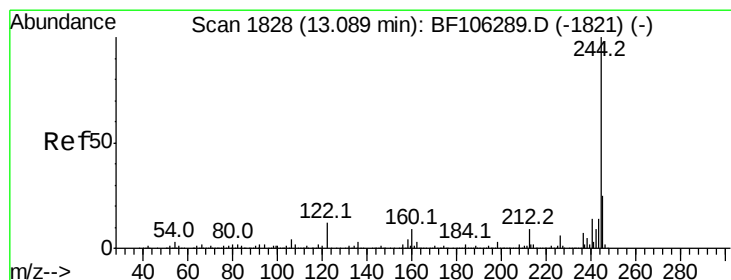
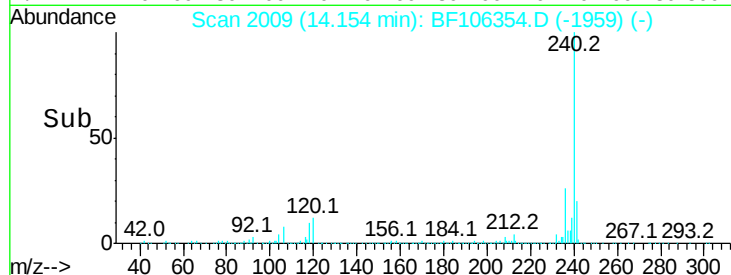
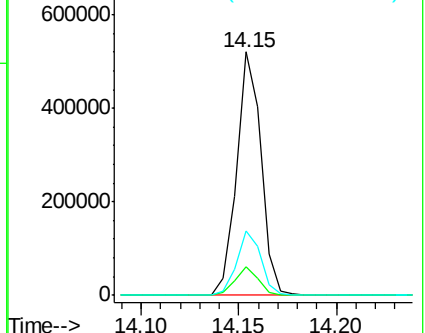
236 26.4 20.7 31.1



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: 52.815 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106354.D

Acq: 12 Jun 2018 19:36

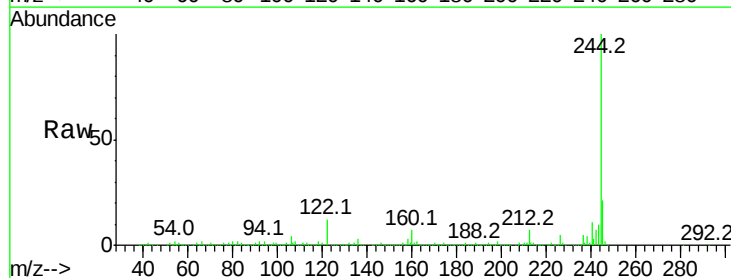
Tgt Ion:244 Resp: 959947

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

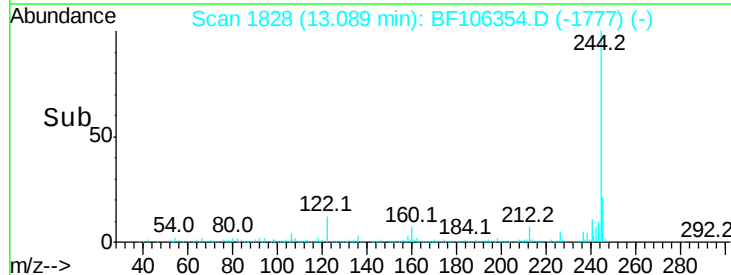
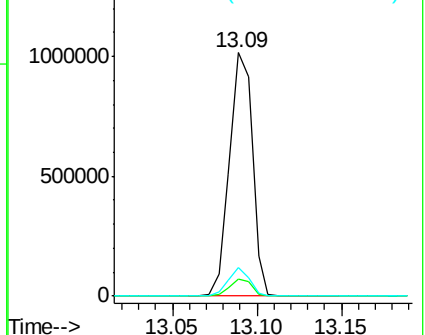
122 11.7 11.0 16.4

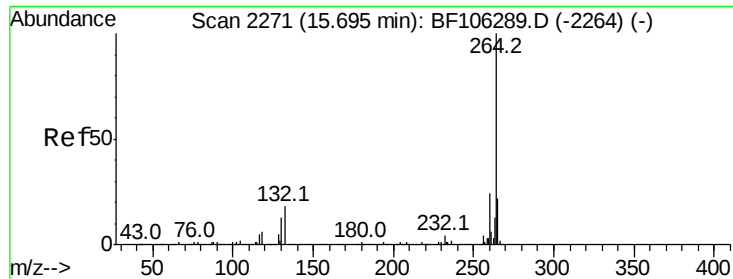


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

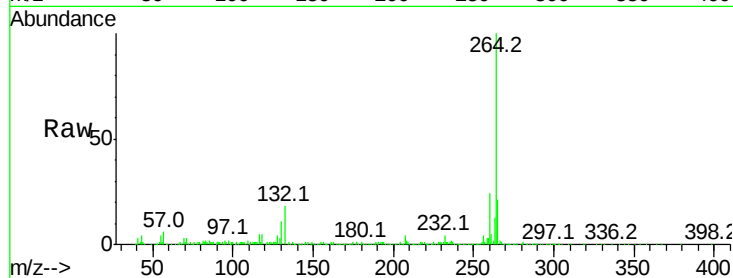




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF106354.D
 Acq: 12 Jun 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	342155
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	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

