

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106353.D
 Acq On : 12 Jun 2018 19:09
 Operator : JU/SJ
 Sample : J3415-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:09:57 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

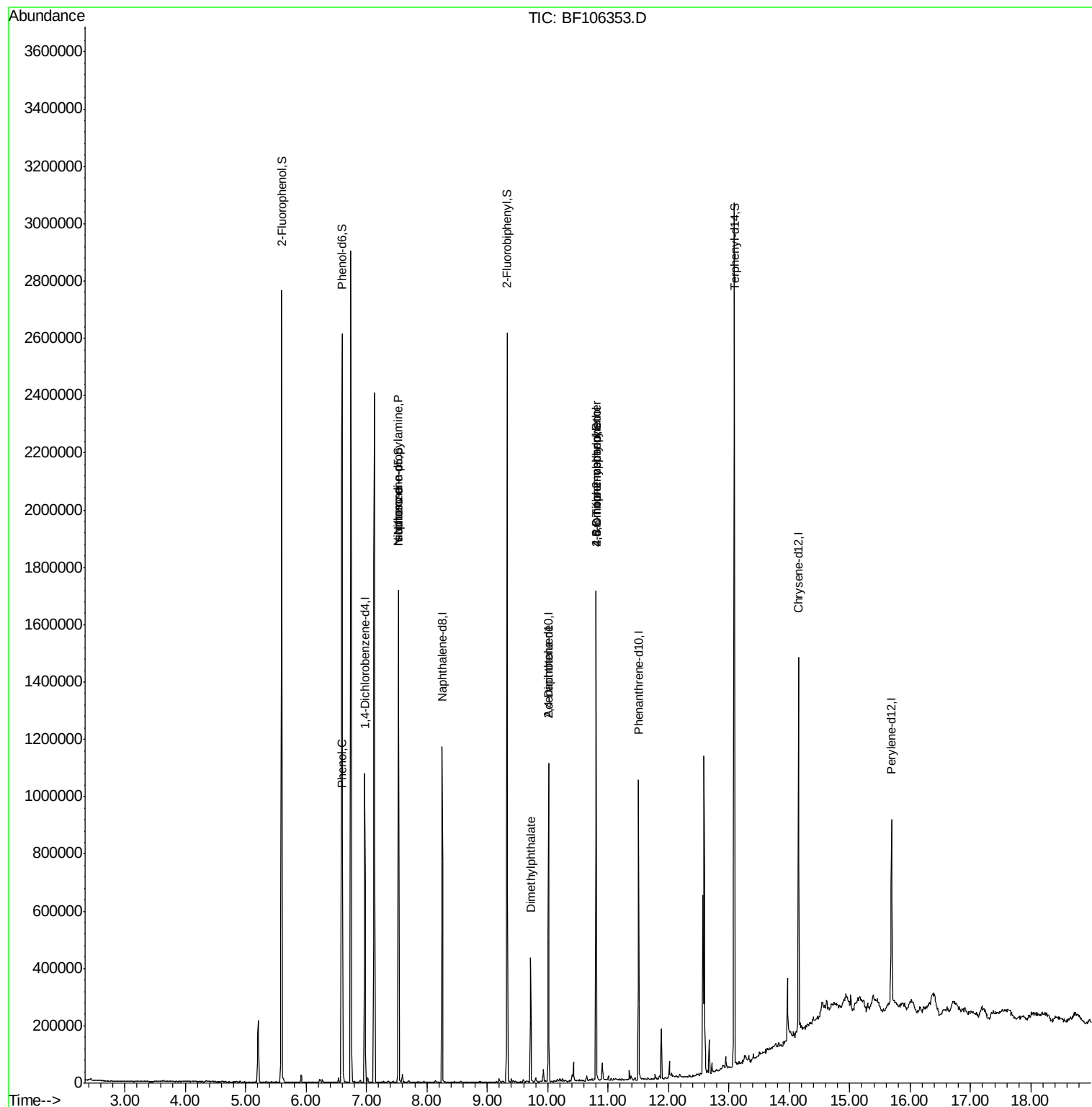
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136688	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	459519	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	188673	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	378259	20.00	ng	0.00
75) Chrysene-d12	14.15	240	427607	20.00	ng	0.00
86) Perylene-d12	15.69	264	322525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	732744	90.73	ng	0.01
7) Phenol-d6	6.60	99	863163	84.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	528684	67.68	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	193321	106.49	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	795556	70.92	ng	0.00
78) Terphenyl-d14	13.09	244	984812	57.20	ng	0.00
Target Compounds						
10) Phenol	6.61	94	24354	2.186	ng	99
19) n-Nitroso-di-n-propylamine	7.53	70	71693	9.366	ng	# 75
25) Isophorone	7.53	82	528676	34.651	ng	# 64
49) Dimethylphthalate	9.72	163	140333	10.411	ng	99
56) 2,4-Dinitrotoluene	10.01	165	23667	6.845	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	488	6.503	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	12795	2.974	ng	# 1

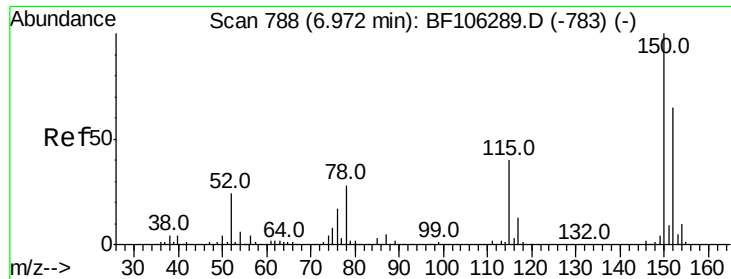
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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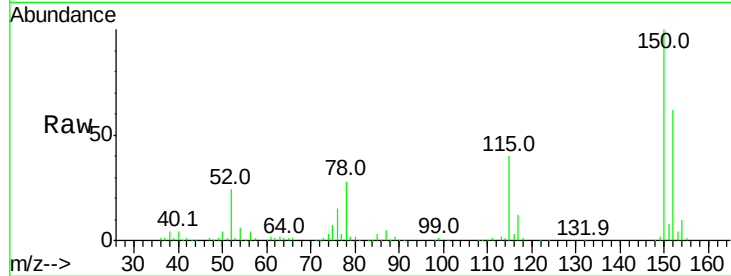


#1

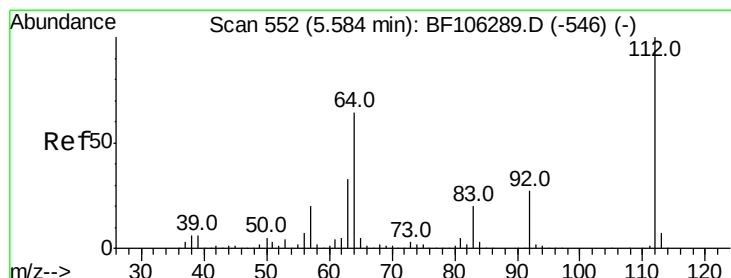
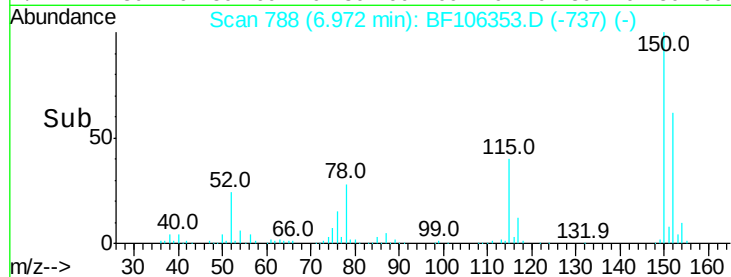
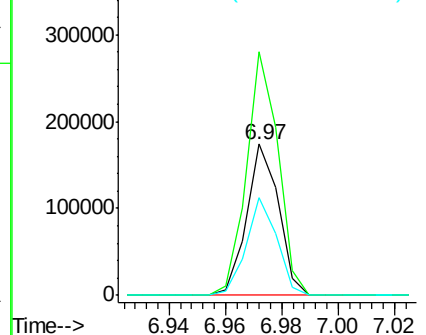
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	64.6	50.1	75.1



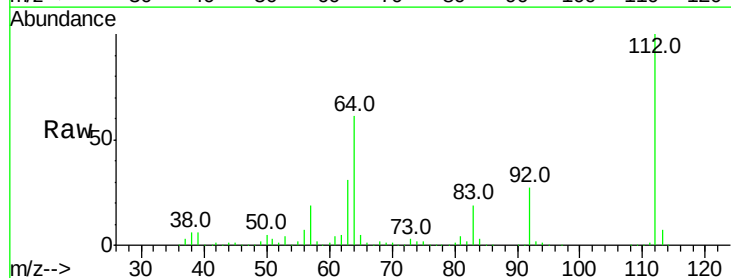
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



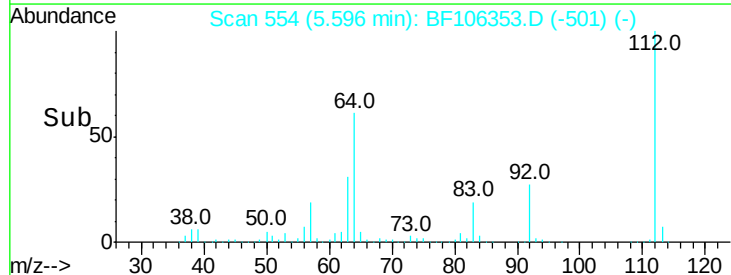
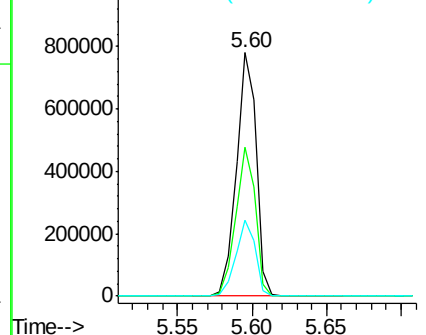
#5

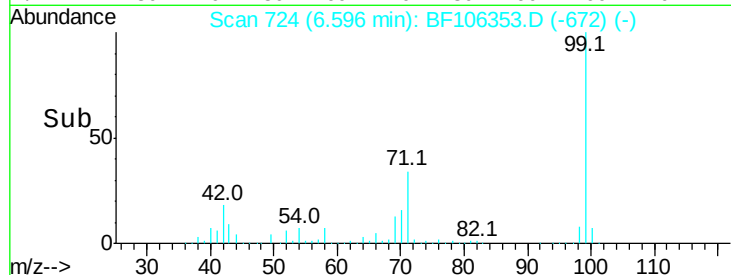
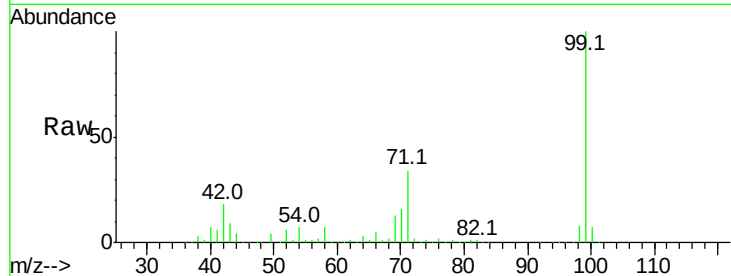
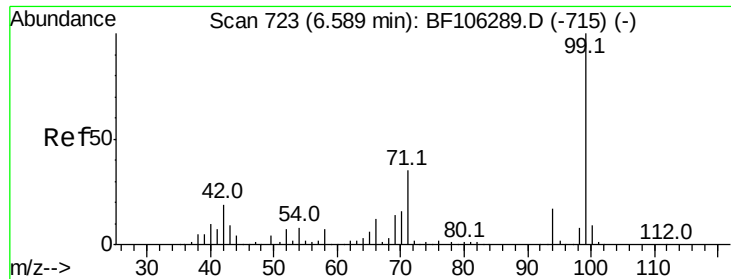
2-Fluorophenol
Concen: 90.730 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.3	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: 84.596 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

Instrument :

BNA_F

ClientSampleId :

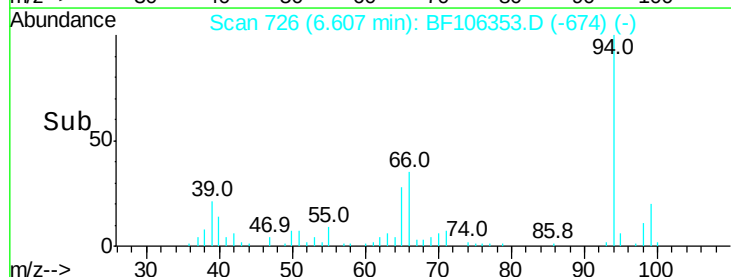
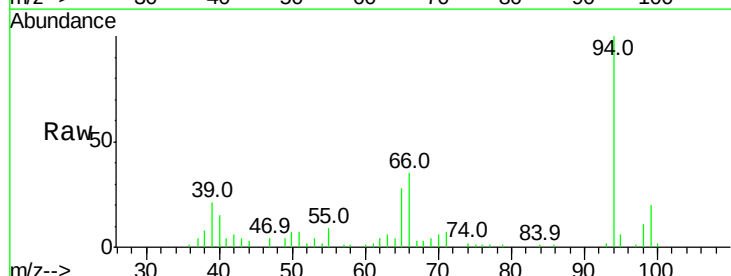
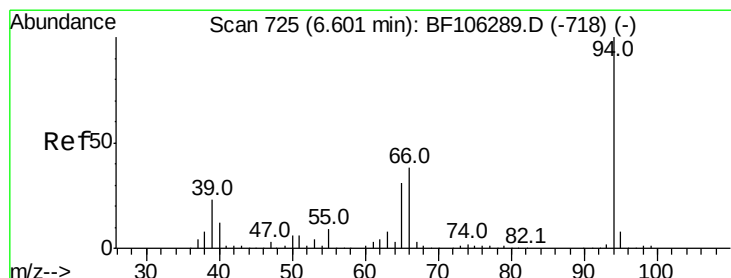
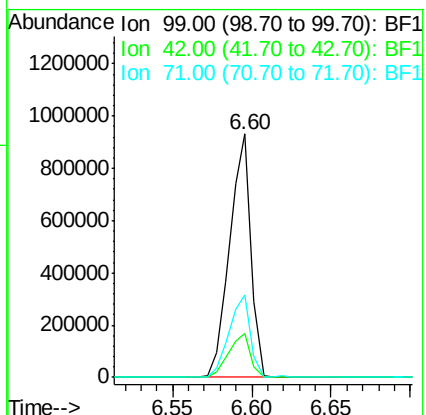
Tot Ion: 99 Resp: 863163

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 34.0 25.4 38.0



#10

Phenol

Concen: 2.186 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

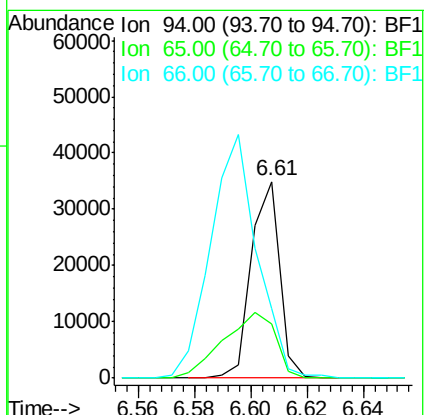
Tgt Ion: 94 Resp: 24354

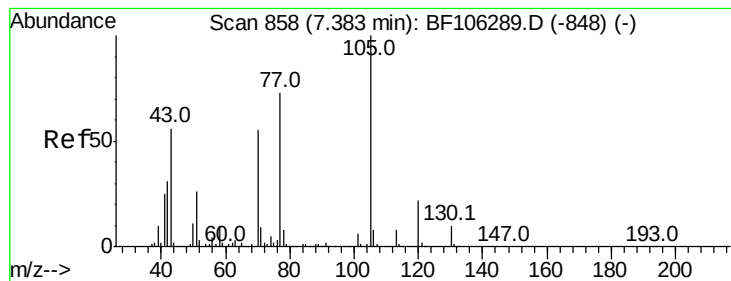
Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

66 35.2 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.366 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 71693

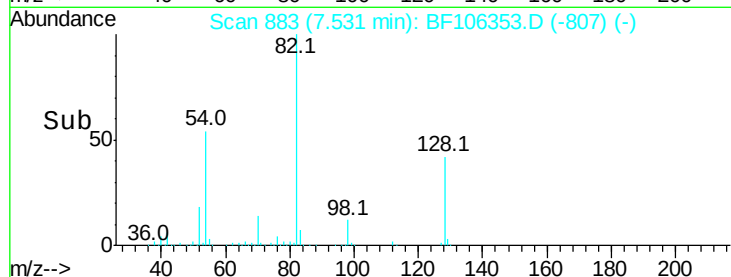
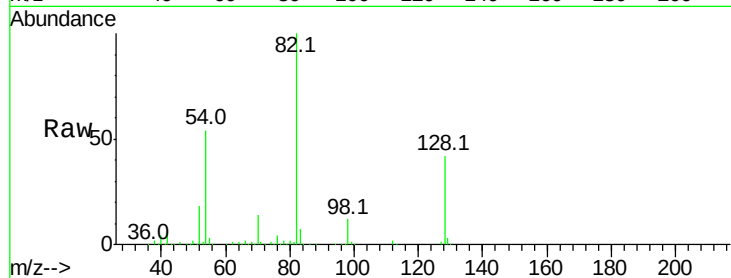
Ion Ratio Lower Upper

70 100

42 44.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

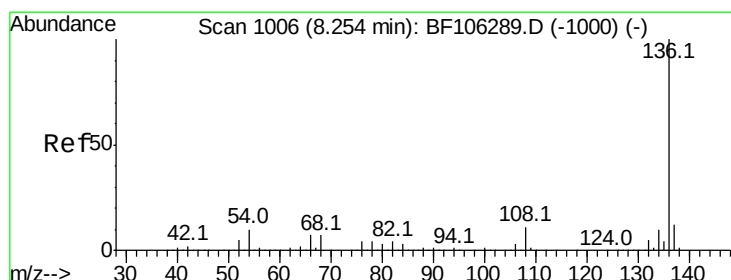
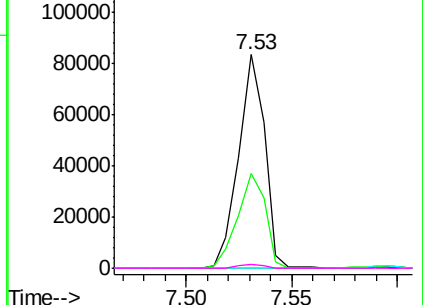


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1006

Delta R.T. 0.00 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

Tgt Ion:136 Resp: 459519

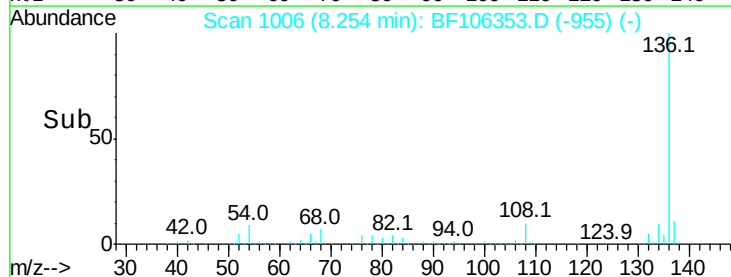
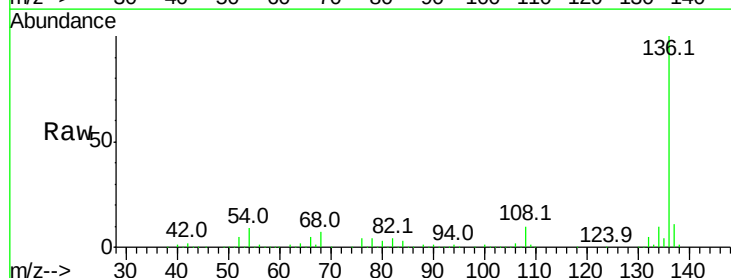
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 6.6 5.0 7.4

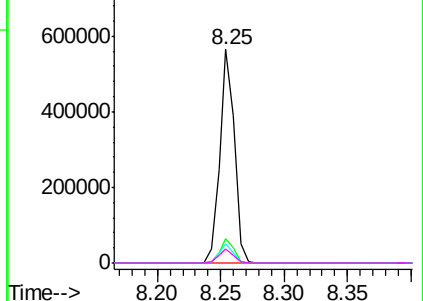


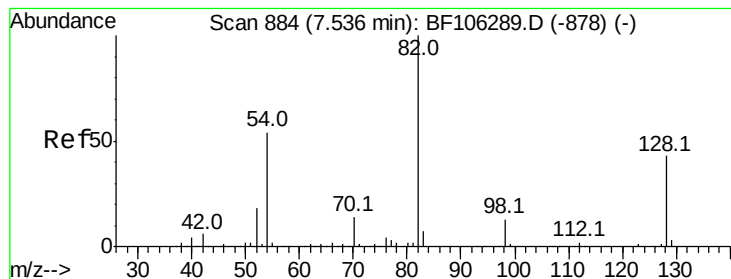
Abundance Ion 136.00 (135.70 to 136.70): BF1

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: 67.683 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

Instrument :

BNA_F

ClientSampled :

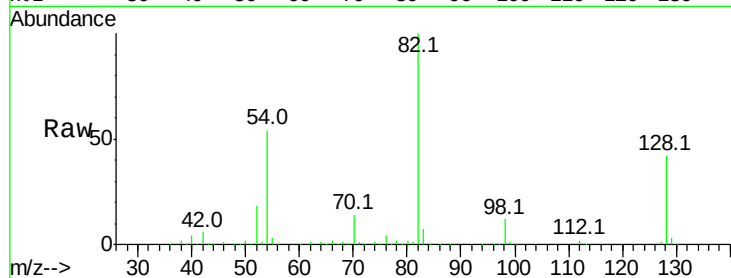
Tot Ion: 82 Resp: 528684

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

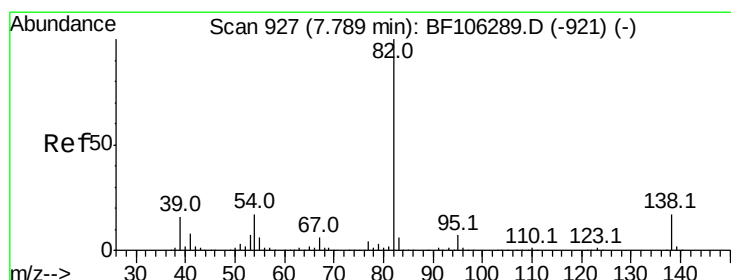
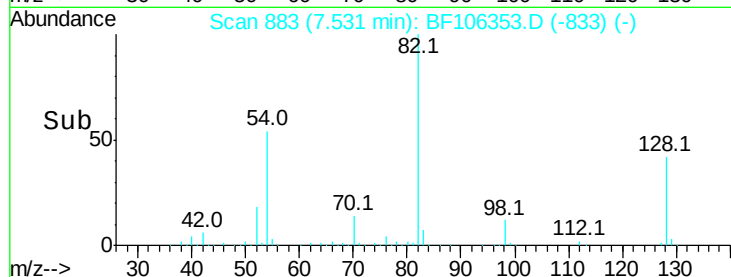
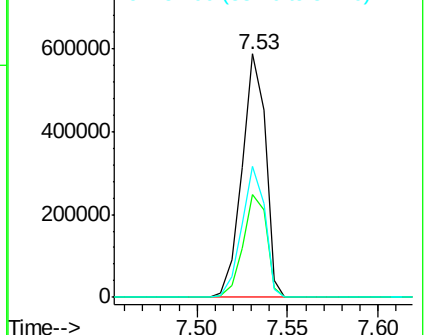
54 53.7 41.4 62.2



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: 34.651 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

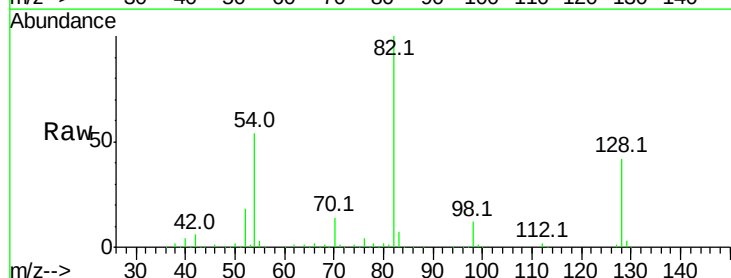
Tgt Ion: 82 Resp: 528676

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

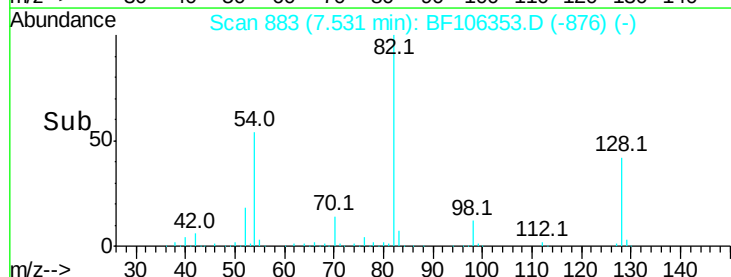
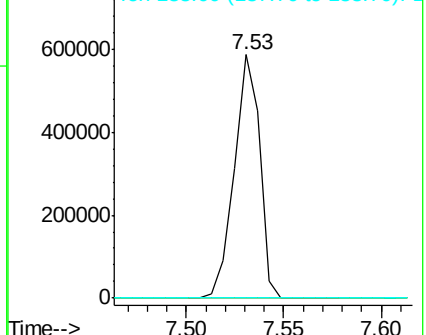
138 0.0 14.9 22.3#

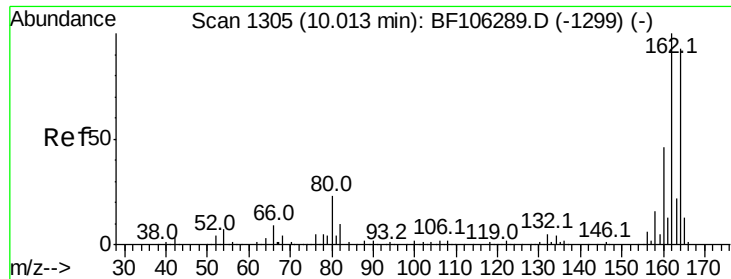


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

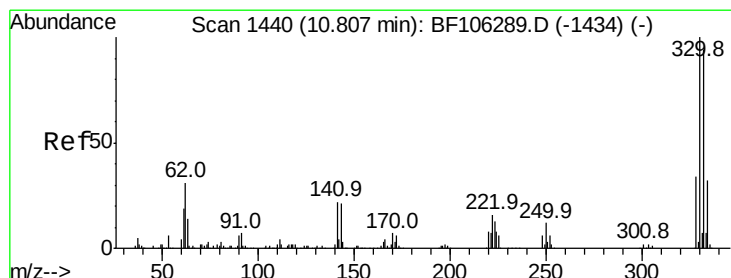
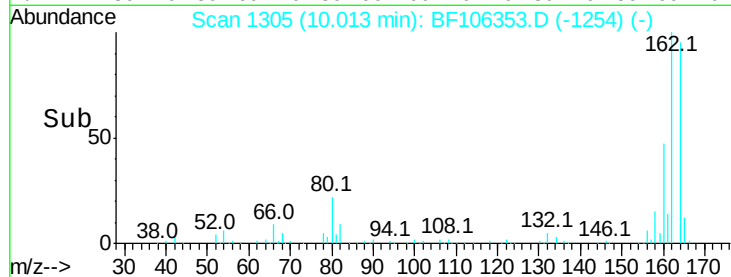
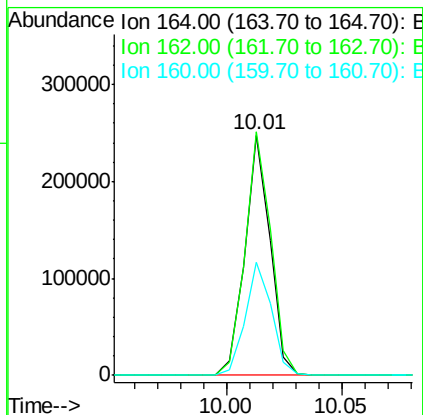
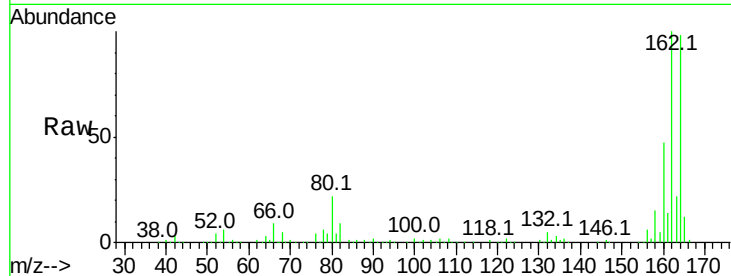




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

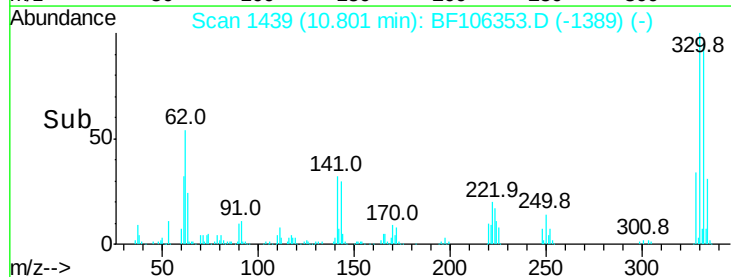
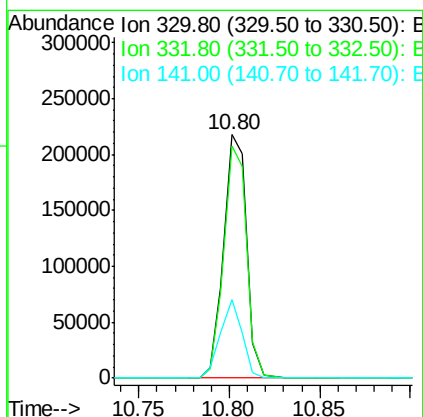
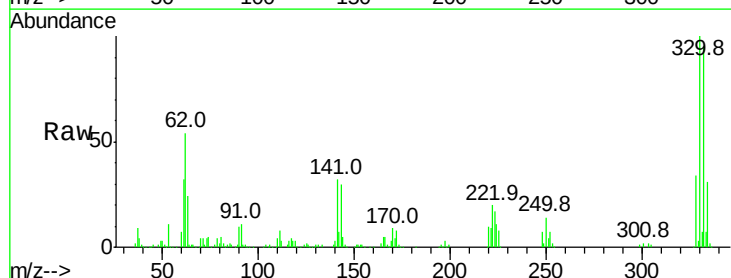
Instrument :
BNA_F
ClientSampleId :

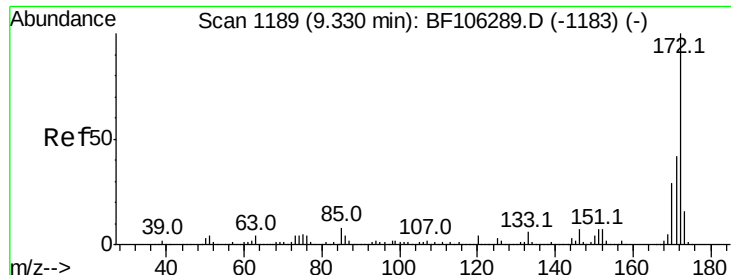
Tot Ion:164 Resp: 188673
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 47.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 106.492 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Tgt Ion:330 Resp: 193321
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 30.5 29.9 44.9

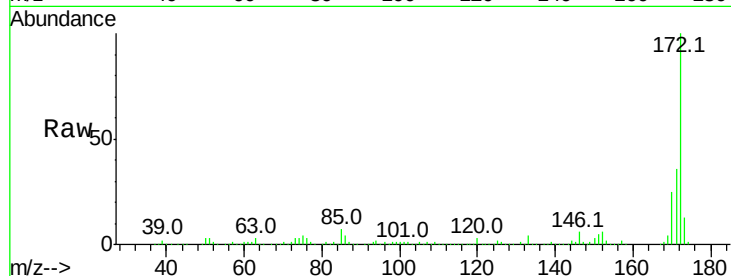




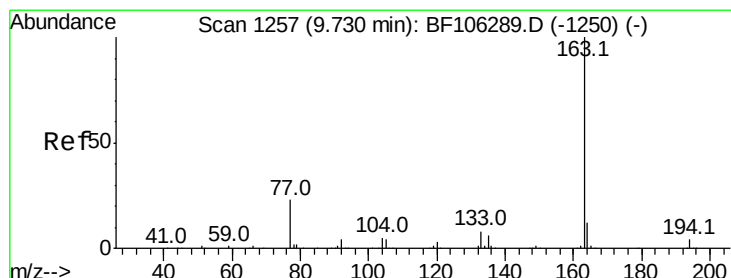
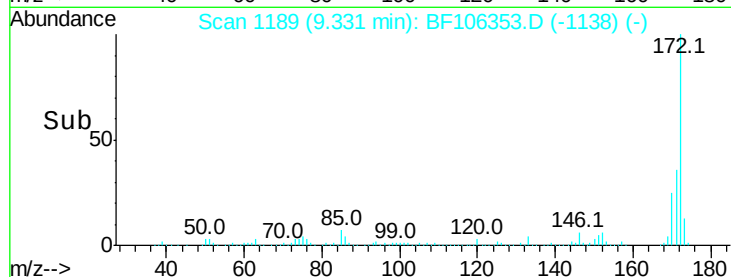
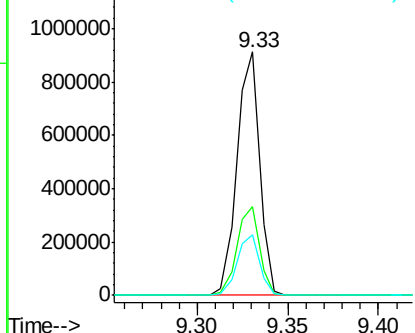
#44
2-Fluorobiphenyl
Concen: 70.923 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.1	19.6	29.4

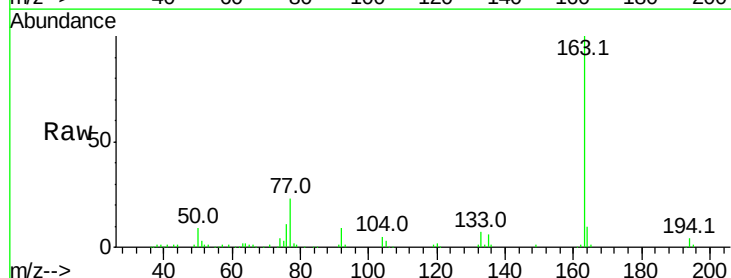


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

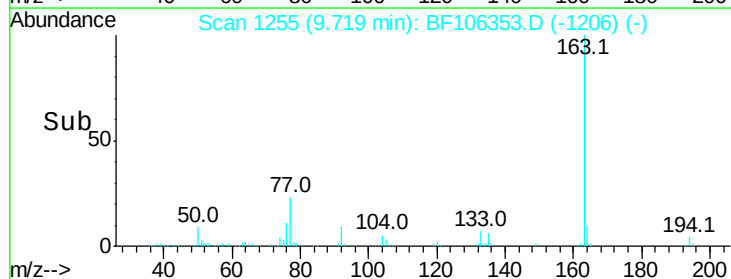
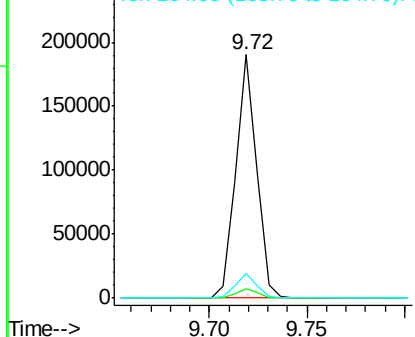


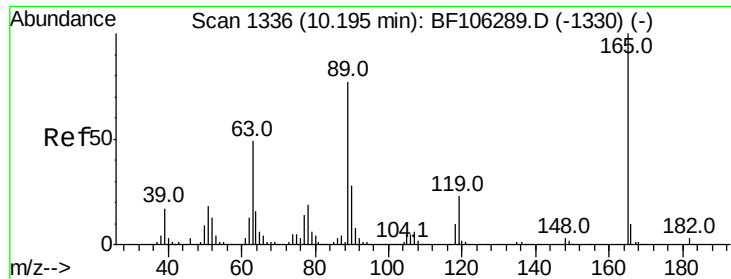
#49
Dimethylphthalate
Concen: 10.411 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	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

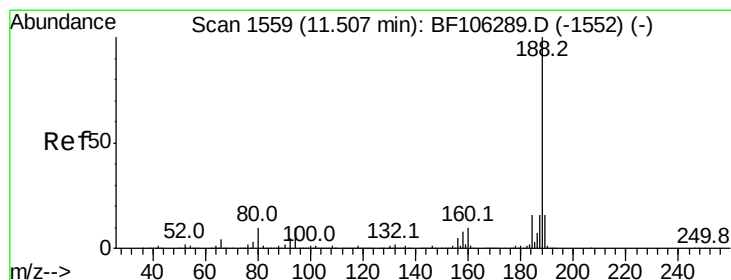
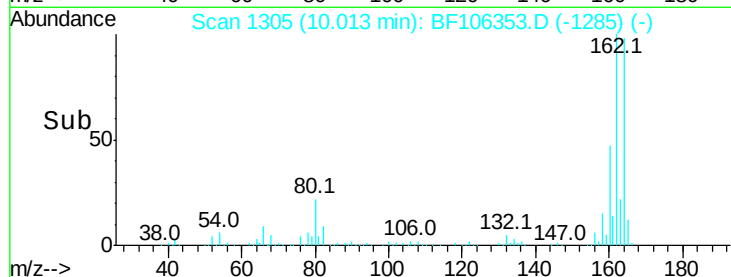
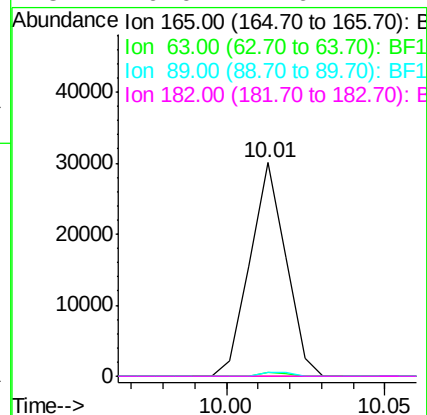
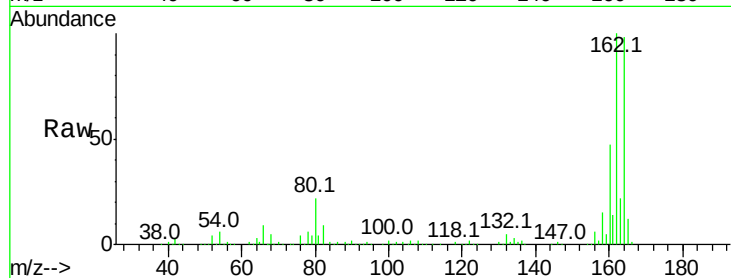




#56
2,4-Dinitrotoluene
Concen: 6.845 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

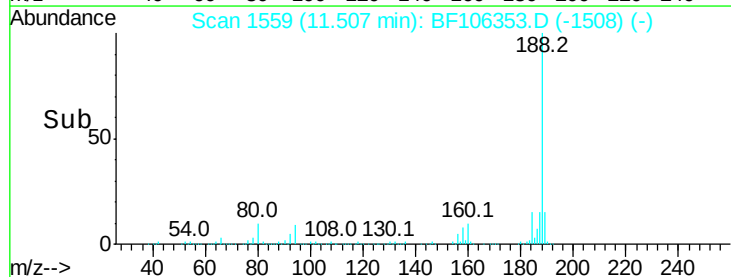
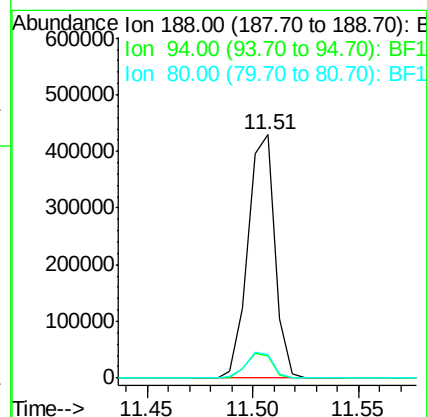
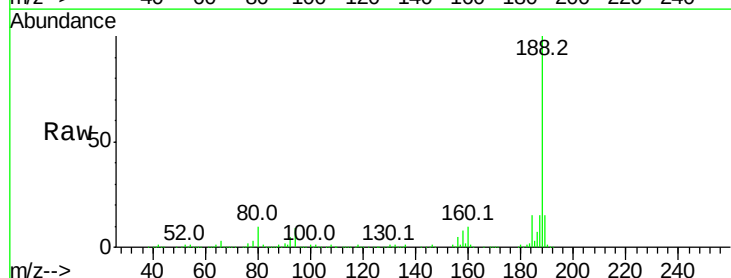
Instrument :
BNA_F
ClientSampleId :

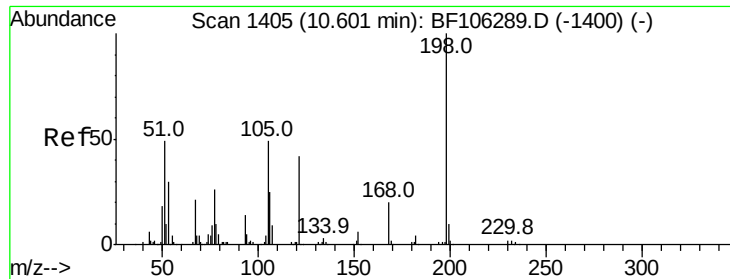
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8

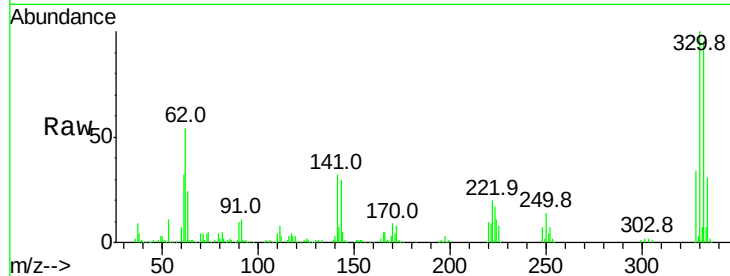




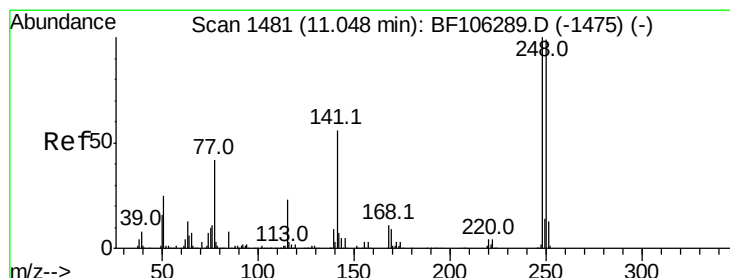
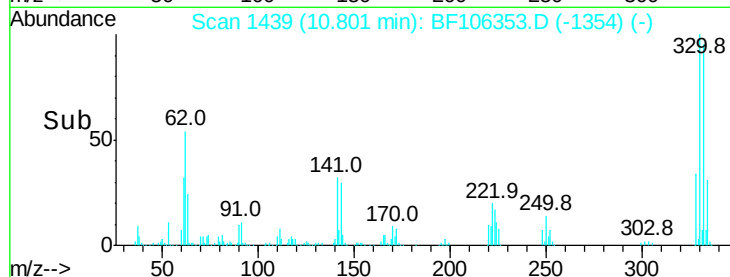
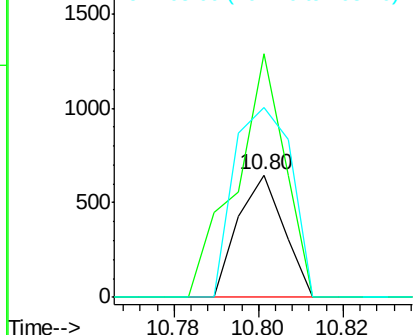
#64
4,6-Dinitro-2-methylphenol
Concen: 6.503 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 488
Ion Ratio Lower Upper
198 100
51 198.8 37.7 77.7#
105 154.5 36.3 76.3#

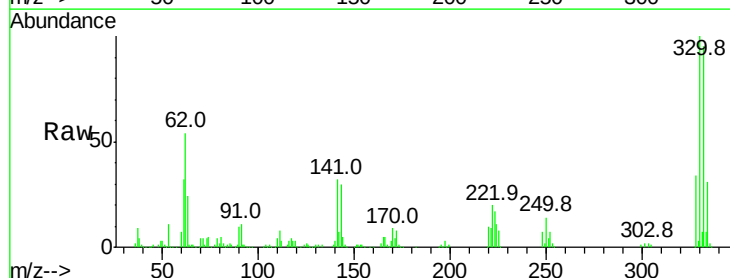


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

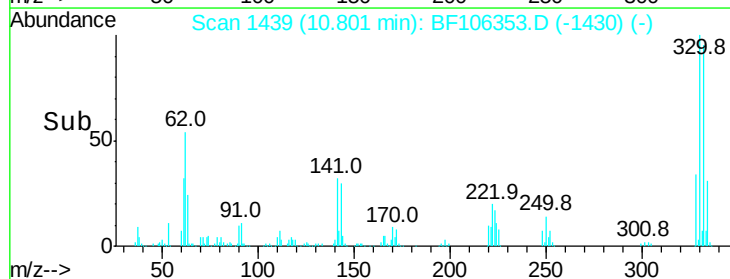
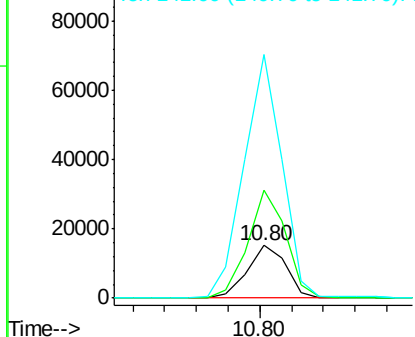


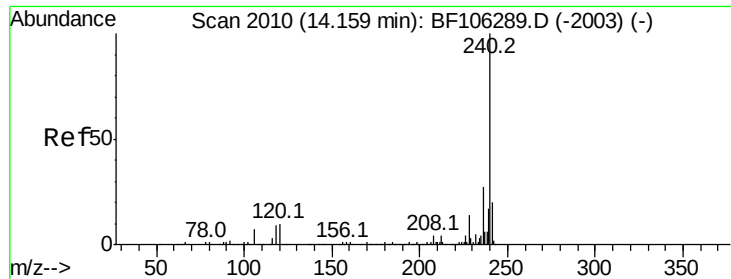
#66
4-Bromophenyl-phenylether
Concen: 2.974 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Tgt Ion:248 Resp: 12795
Ion Ratio Lower Upper
248 100
250 206.0 76.9 115.3#
141 464.9 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# 2009

Delta R.T. -0.01 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

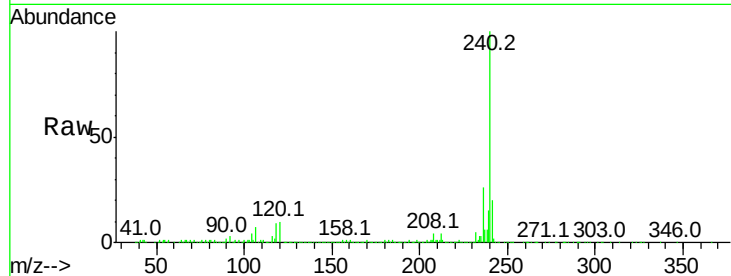
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 427607

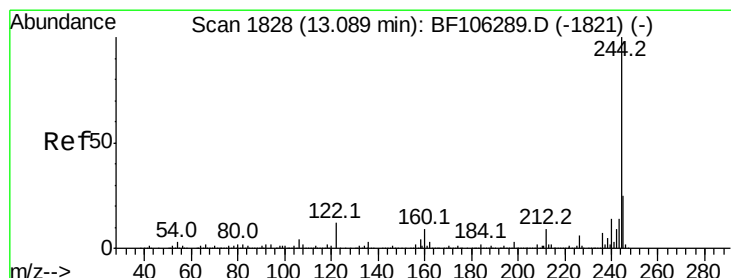
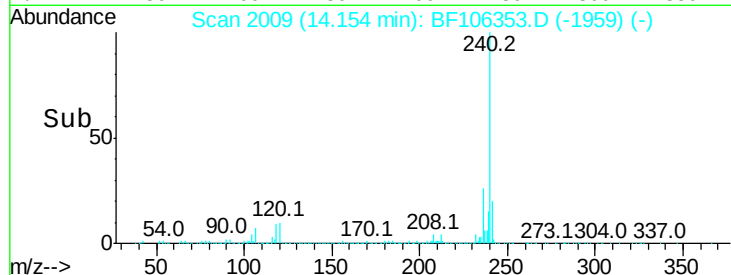
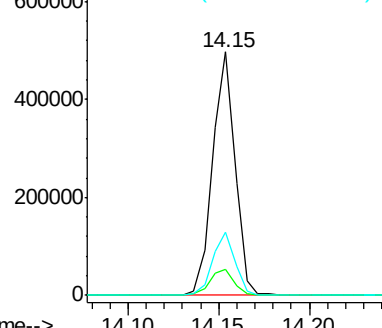
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.0	20.7	31.1



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: 57.203 ng

RT: 13.09 min Scan# 1828

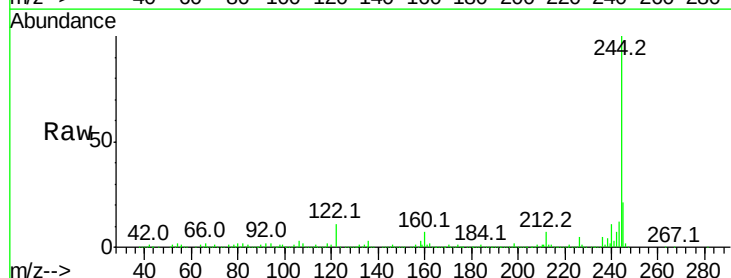
Delta R.T. 0.00 min

Lab File: BF106353.D

Acq: 12 Jun 2018 19:09

Tgt Ion:244 Resp: 984812

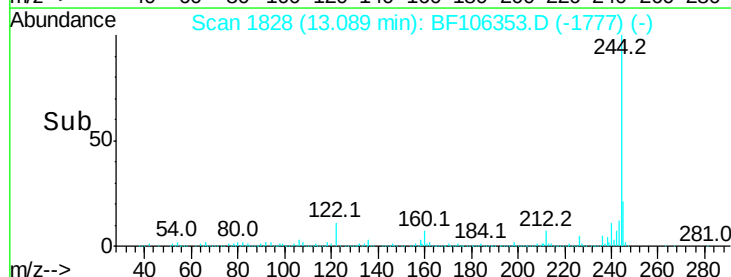
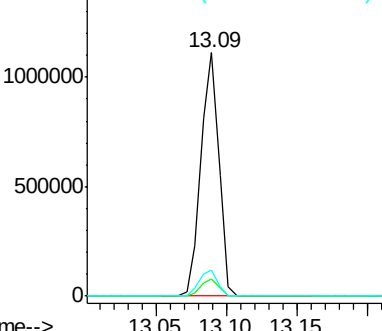
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.7	11.0	16.4

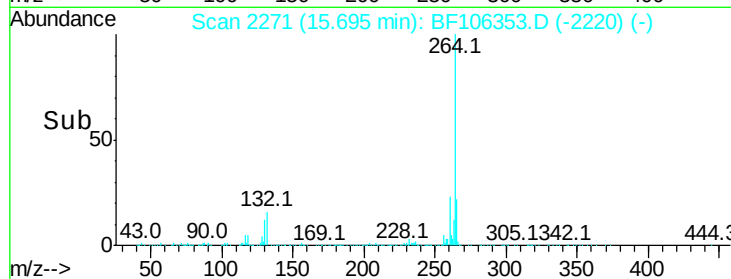
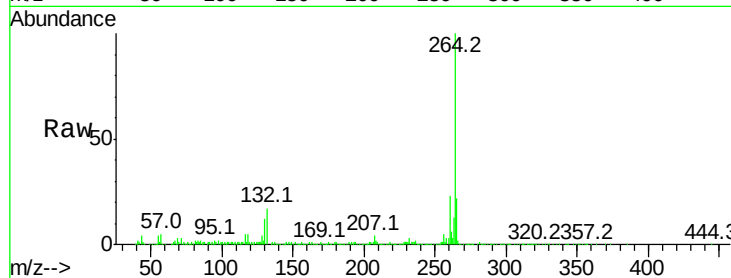
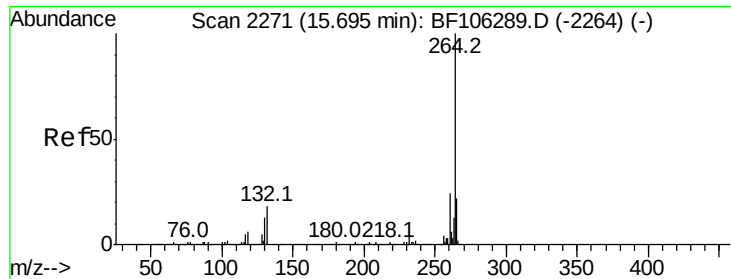


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF106353.D
Acq: 12 Jun 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3

