

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106352.D
 Acq On : 12 Jun 2018 18:43
 Operator : JU/SJ
 Sample : J3415-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:09:45 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

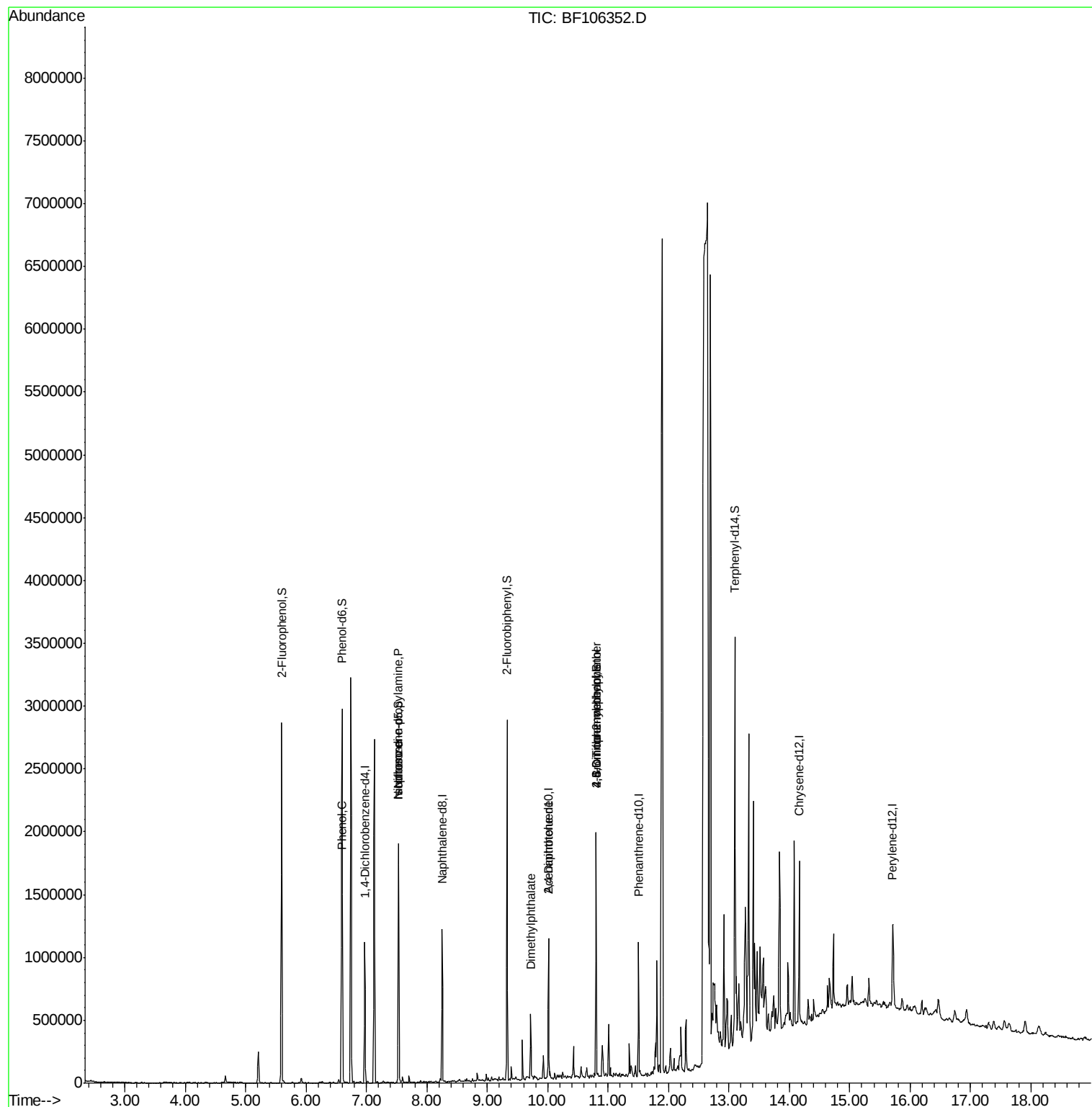
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141375	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	474157	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	194250	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	396530	20.00	ng	0.00
75) Chrysene-d12	14.17	240	445482	20.00	ng	0.00
86) Perylene-d12	15.71	264	316754	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	850629	101.83	ng	0.02
7) Phenol-d6	6.60	99	991717	93.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	629992	78.16	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	229490	122.79	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	871809	77.46	ng	0.00
78) Terphenyl-d14	13.10	244	1061019	59.16	ng	0.01
Target Compounds						
10) Phenol	6.61	94	27402	2.378	ng	98
19) n-Nitroso-di-n-propylamine	7.53	70	88553	11.185	ng	# 75
25) Isophorone	7.53	82	629978	40.016	ng	# 64
49) Dimethylphthalate	9.72	163	149769	10.792	ng	99
56) 2,4-Dinitrotoluene	10.01	165	25803	7.248	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.81	198	523	6.507	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15170	3.364	ng	# 1

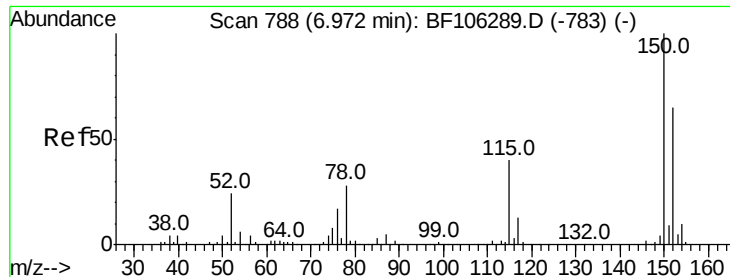
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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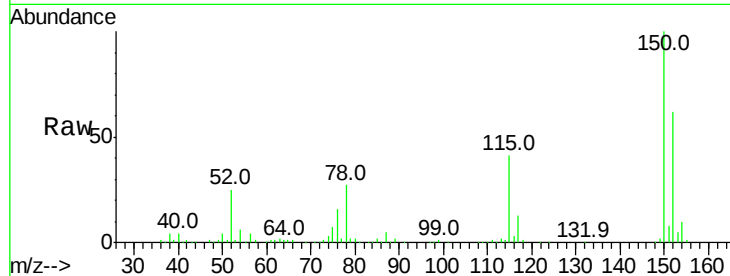


#1

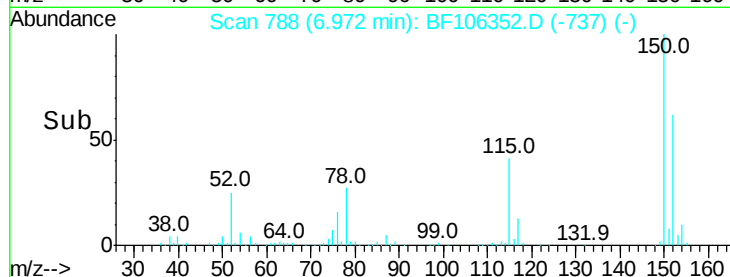
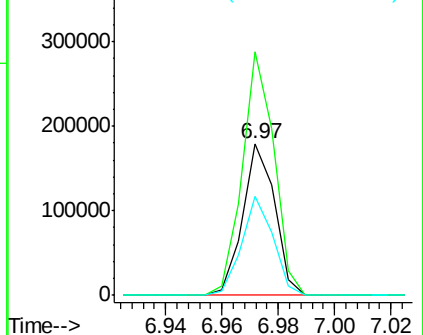
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	65.3	50.1	75.1



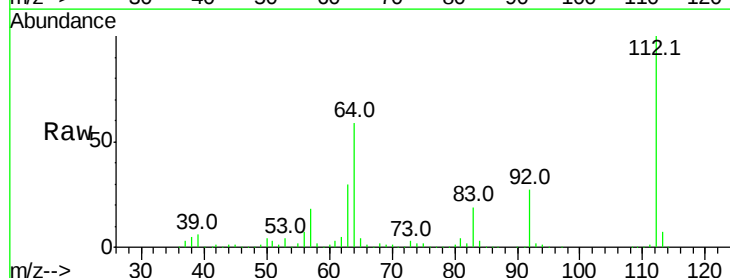
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



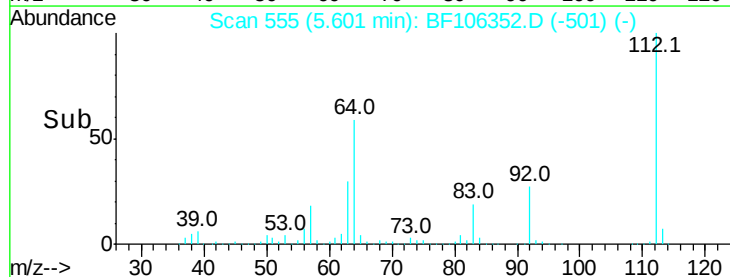
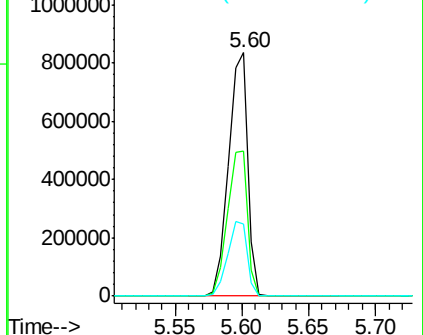
#5

2-Fluorophenol
Concen: 101.835 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	29.9	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: 93.972 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

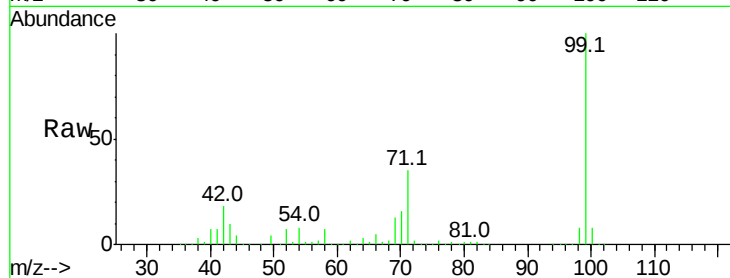
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 991717

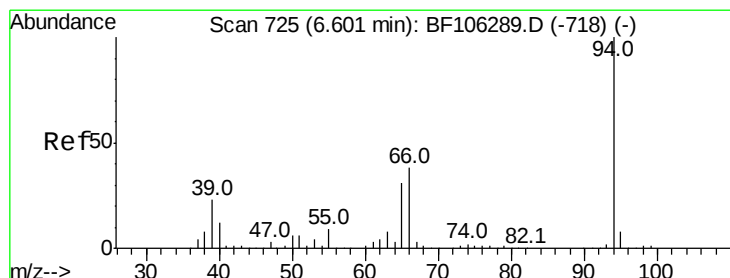
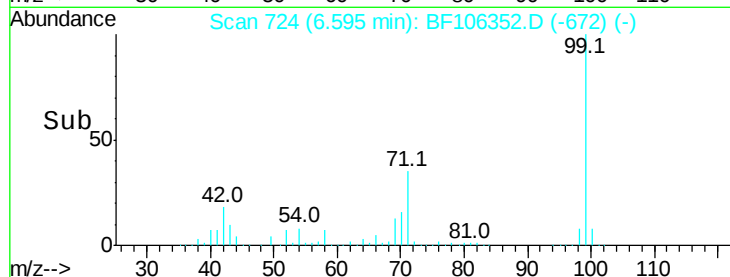
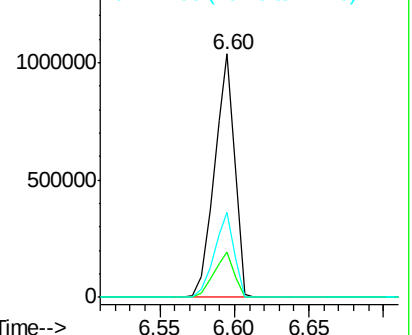
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	35.1	25.4	38.0



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



#10

Phenol

Concen: 2.378 ng

RT: 6.61 min Scan# 726

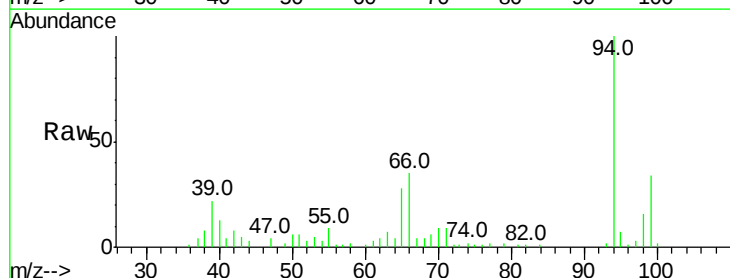
Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

Tgt Ion: 94 Resp: 27402

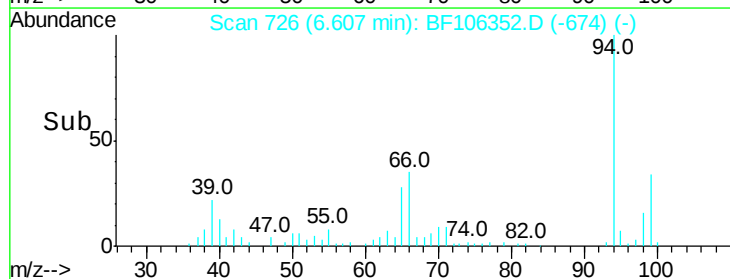
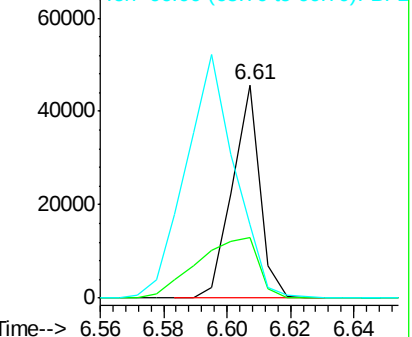
Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	34.6	16.2	56.2

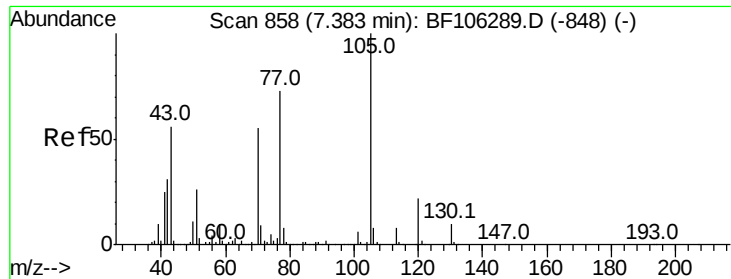


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

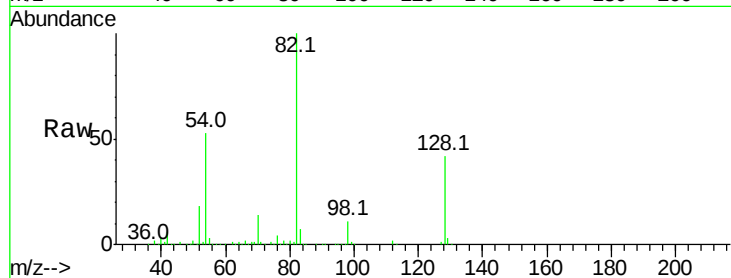




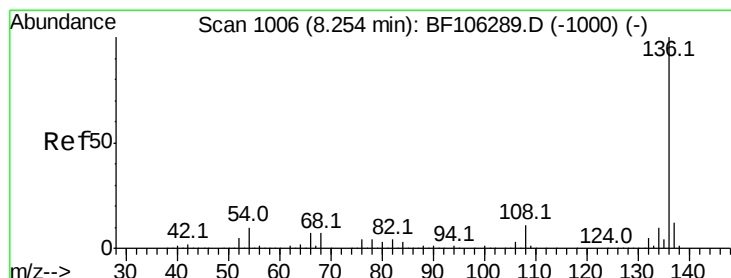
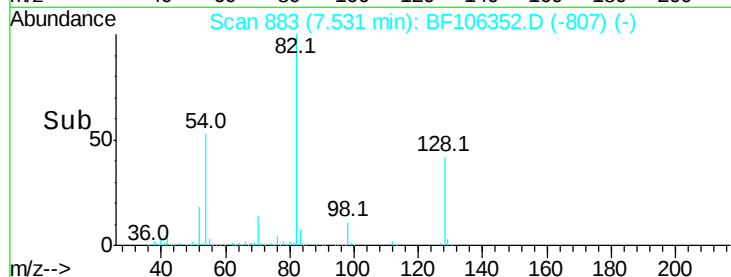
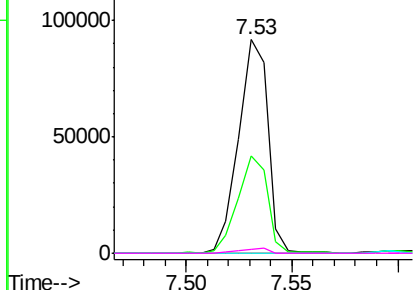
#19
n-Nitroso-di-n-propylamine
Concen: 11.185 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 88553
Ion Ratio Lower Upper
70 100
42 45.3 47.5 71.3#
101 0.0 7.4 11.2#
130 1.6 16.6 25.0#



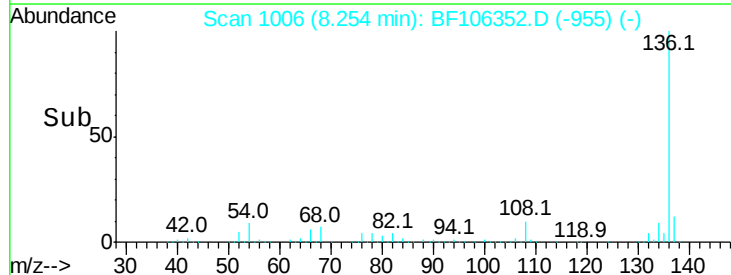
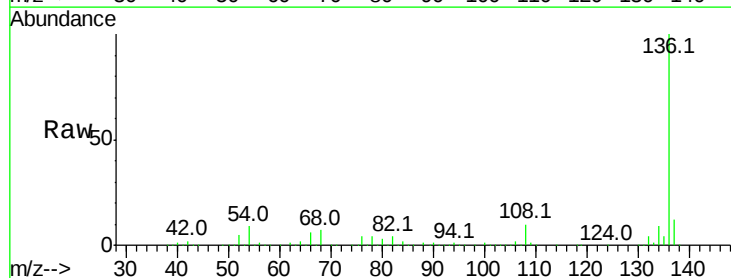
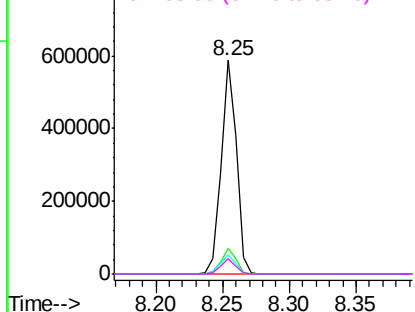
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

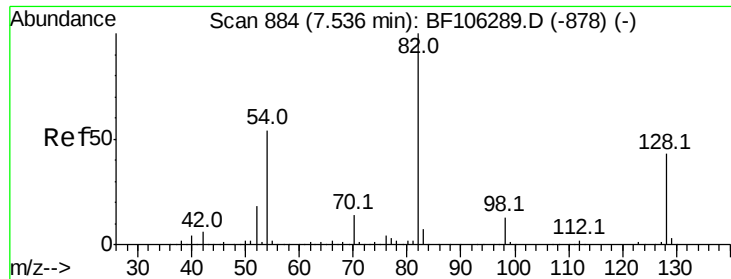


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion: 136 Resp: 474157
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 8.9 6.6 9.8
68 7.1 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

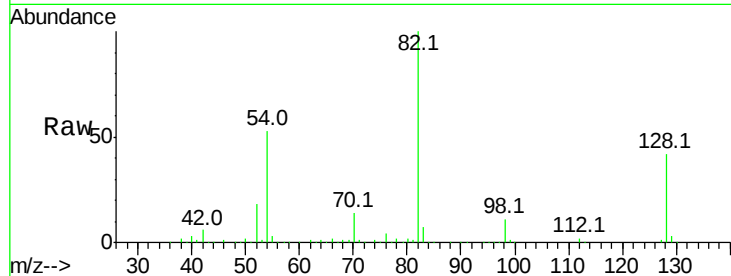




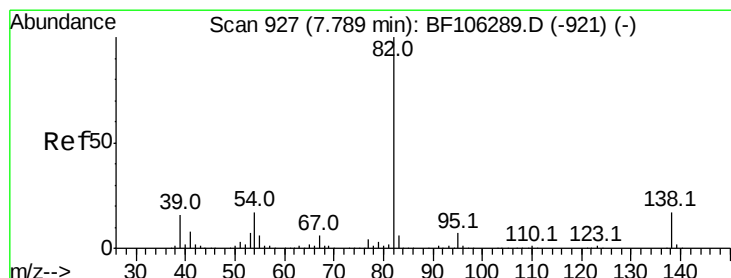
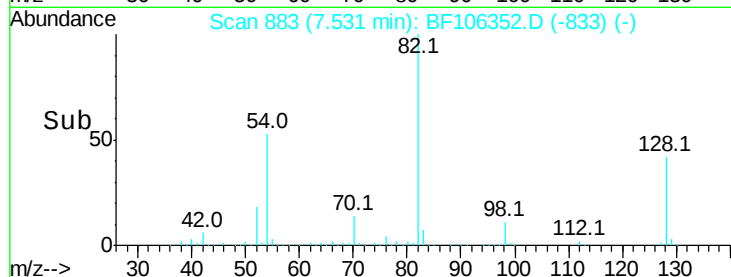
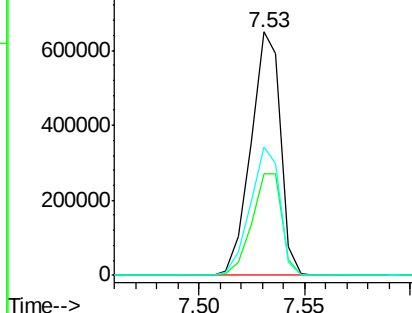
#23
Nitrobenzene-d5
Concen: 78.163 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 629992
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 52.9 41.4 62.2

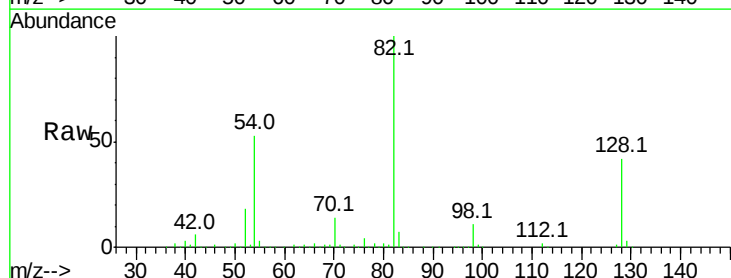


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

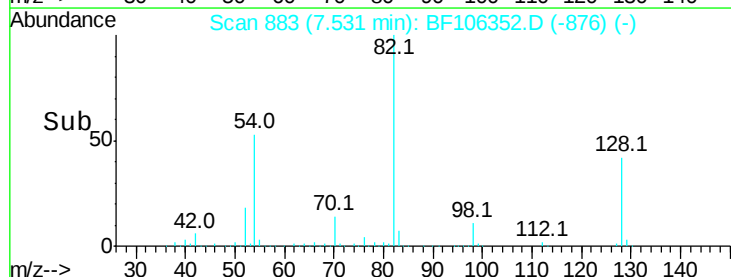
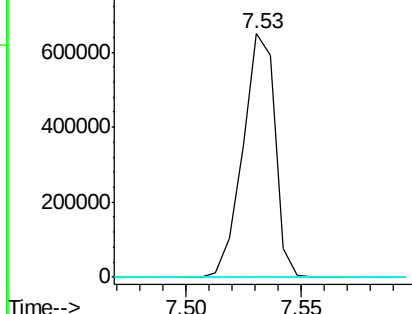


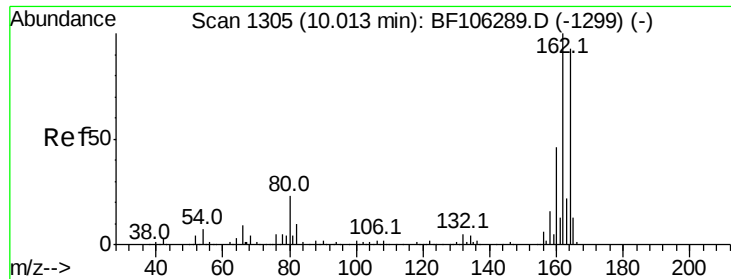
#25
Isophorone
Concen: 40.016 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion: 82 Resp: 629978
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

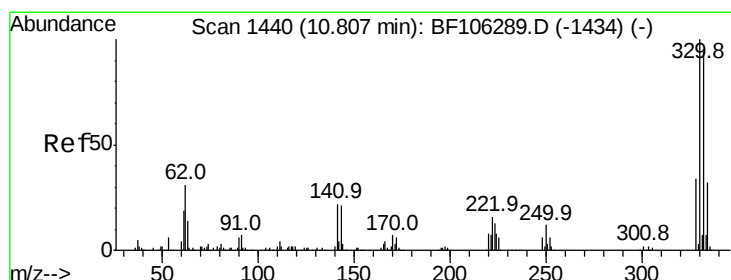
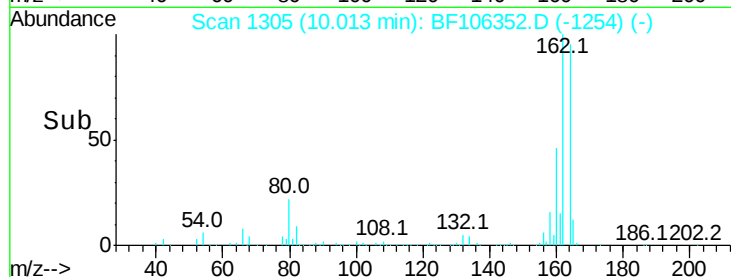
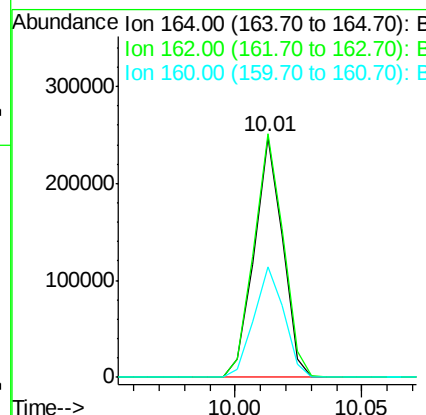
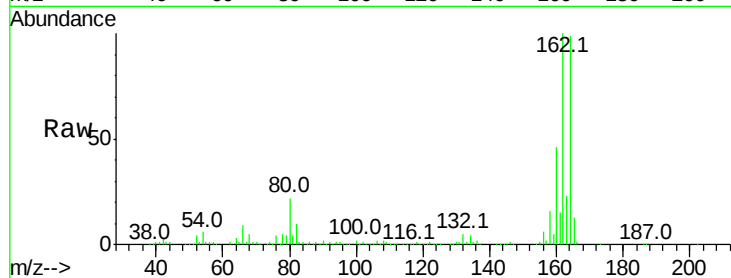




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

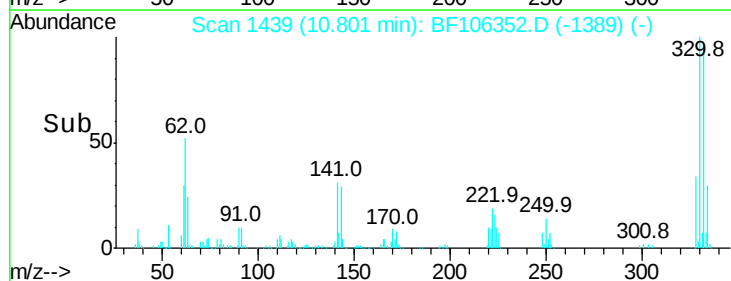
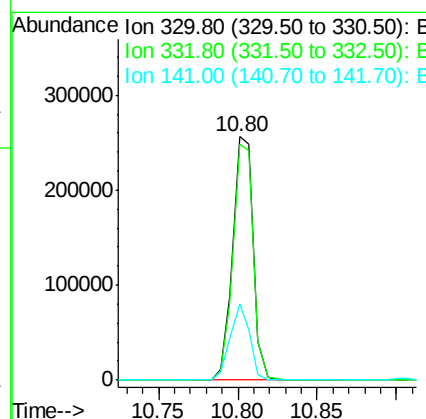
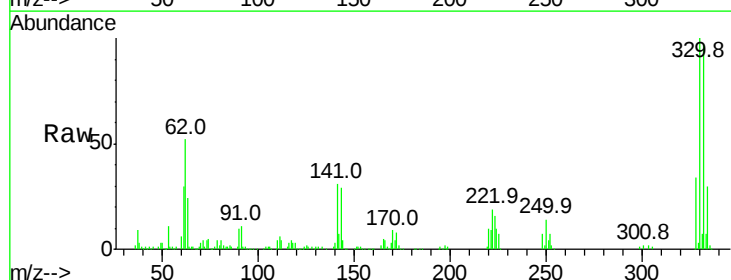
Instrument :
BNA_F
ClientSampleId :

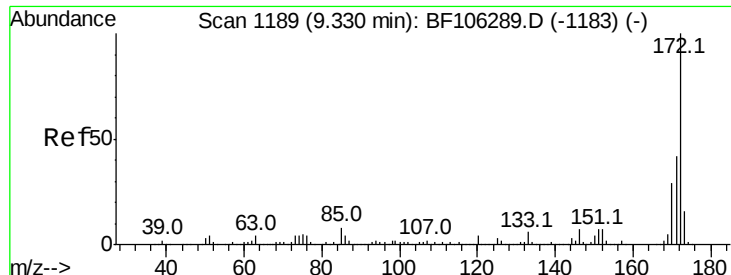
Tot Ion:164 Resp: 194250
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 122.786 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion:330 Resp: 229490
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 30.7 29.9 44.9

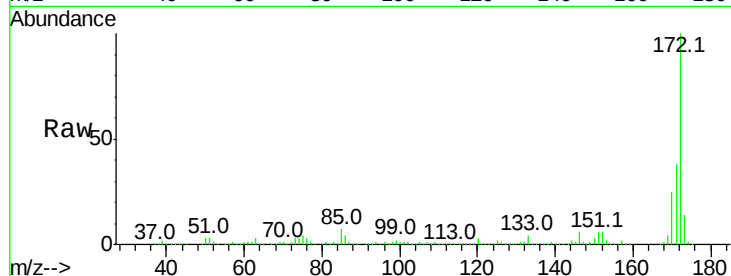




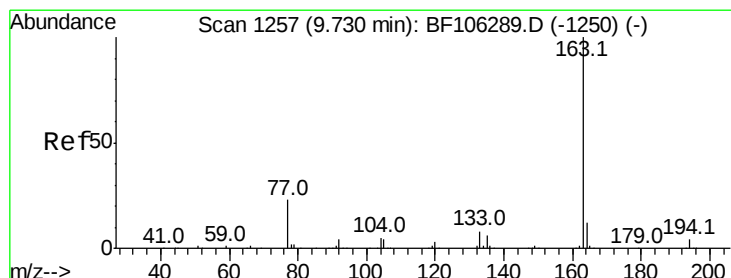
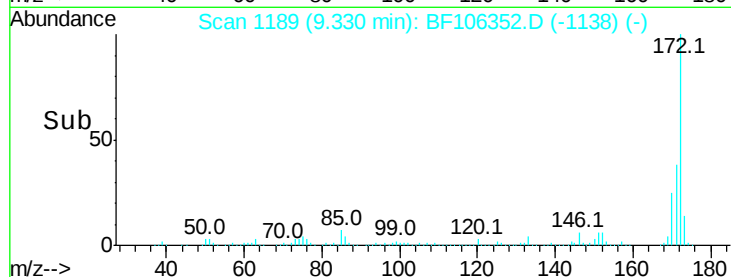
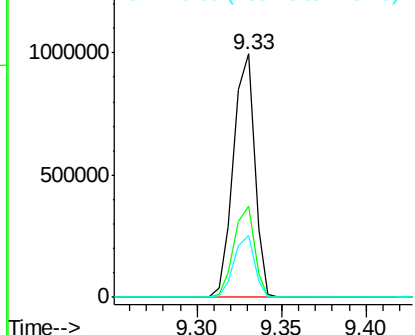
#44
2-Fluorobiphenyl
Concen: 77.461 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 871809
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 25.2 19.6 29.4

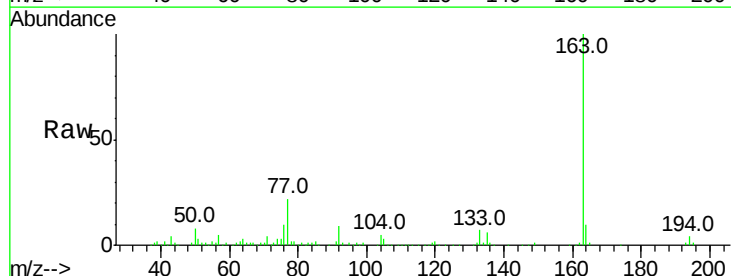


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

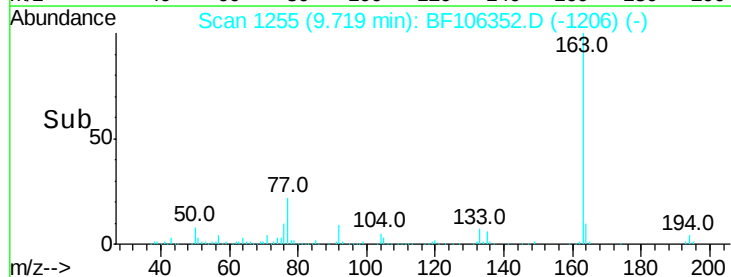
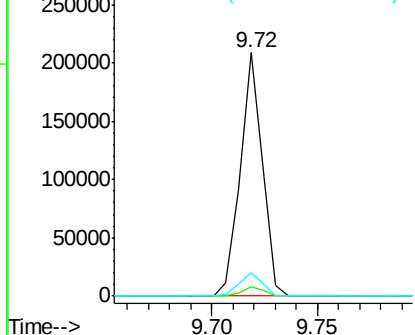


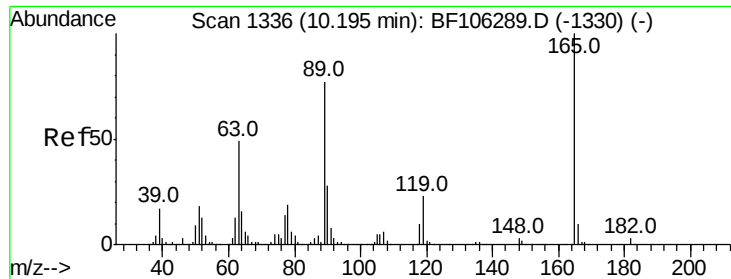
#49
Dimethylphthalate
Concen: 10.792 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion:163 Resp: 149769
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 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

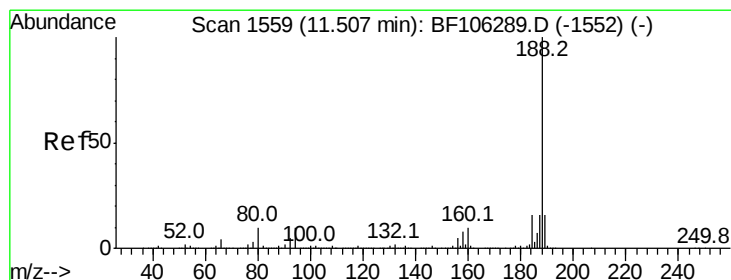
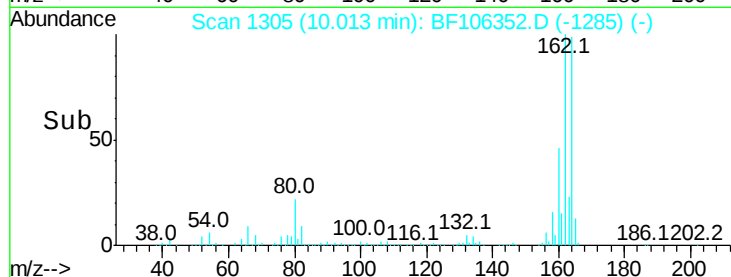
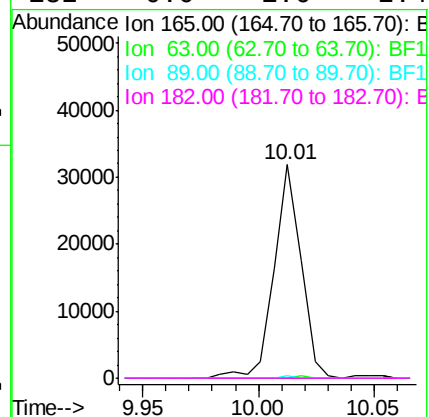
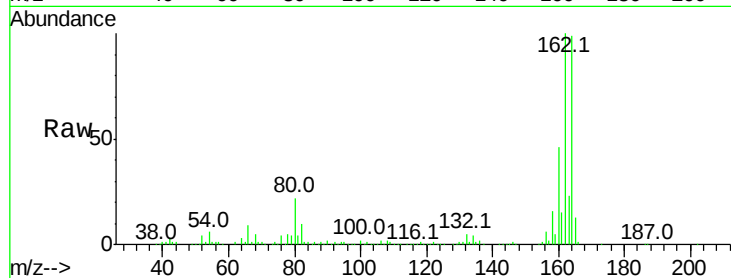




#56
2,4-Dinitrotoluene
Concen: 7.248 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

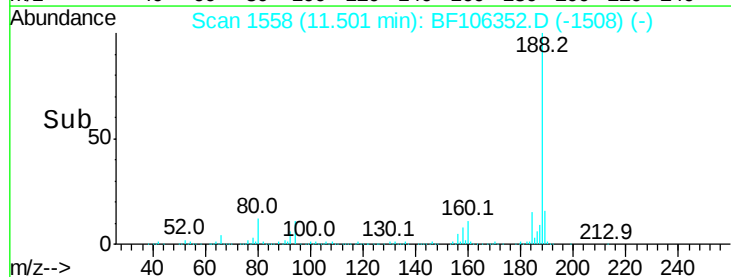
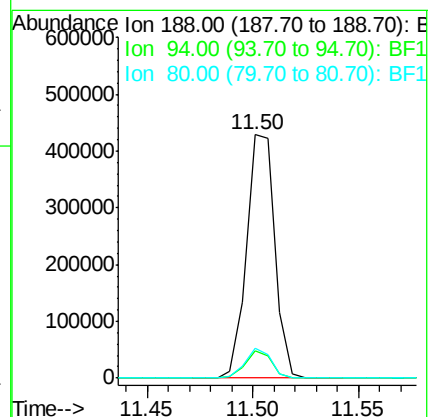
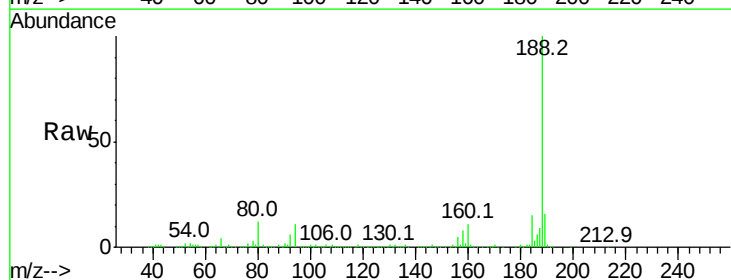
Instrument :
BNA_F
ClientSampled :

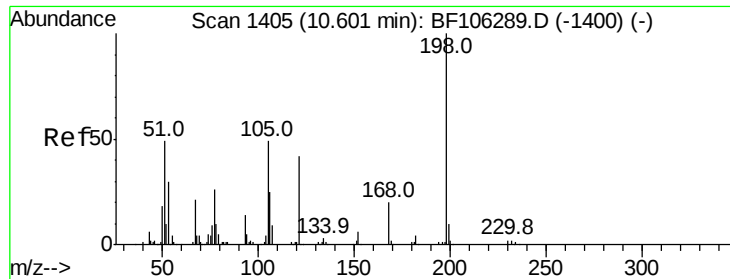
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.0	9.2	13.8

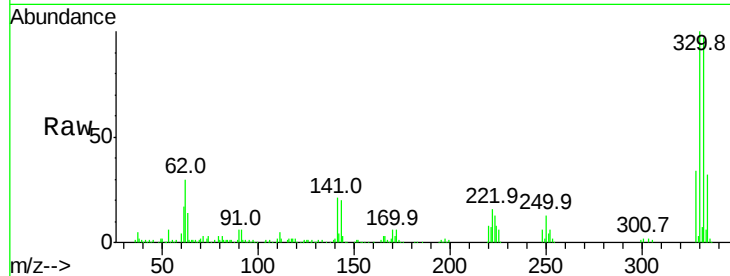




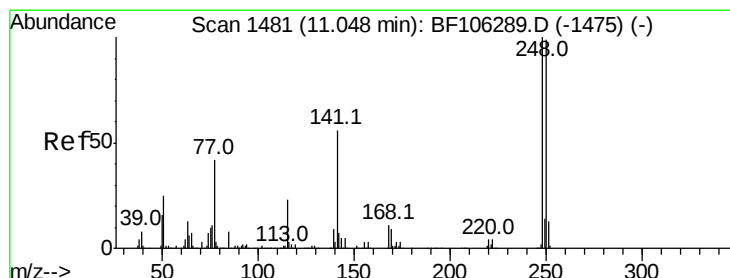
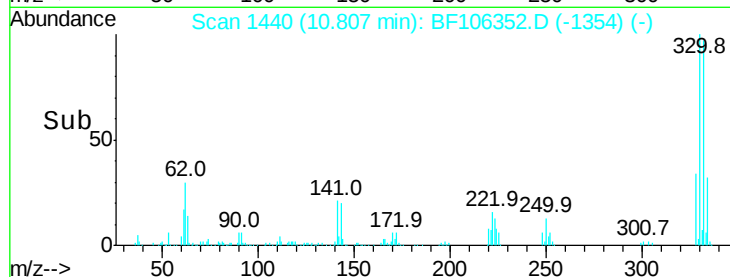
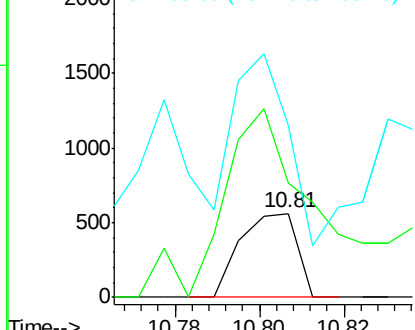
#64
4,6-Dinitro-2-methylphenol
Concen: 6.507 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.21 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 523
Ion Ratio Lower Upper
198 100
51 136.6 37.7 77.7#
105 205.0 36.3 76.3#

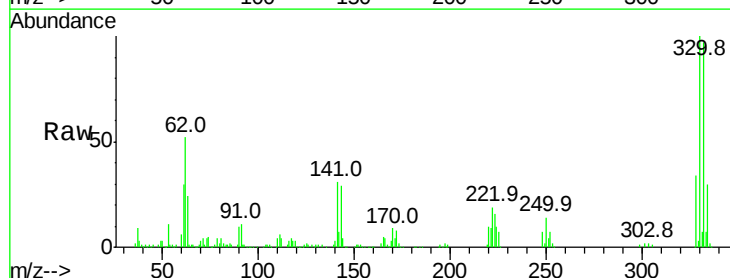


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

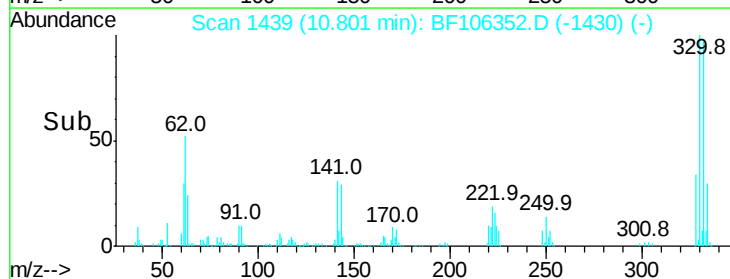
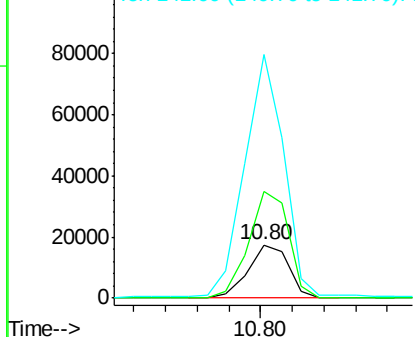


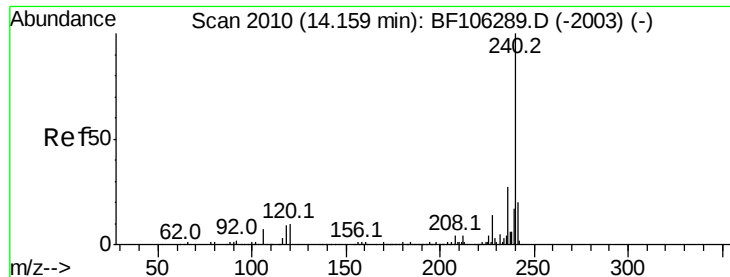
#66
4-Bromophenyl-phenylether
Concen: 3.364 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion:248 Resp: 15170
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 458.3 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

Chrvsene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

Instrument :

BNA_F

ClientSampleId :

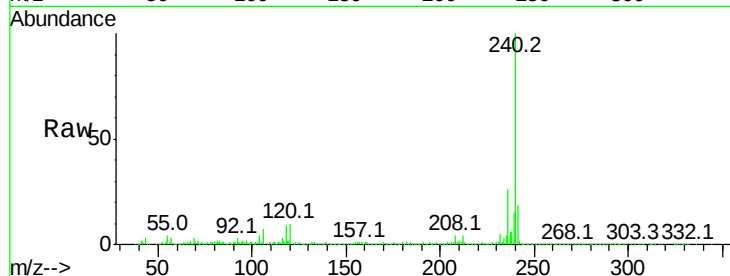
Tot Ion:240 Resp: 445482

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

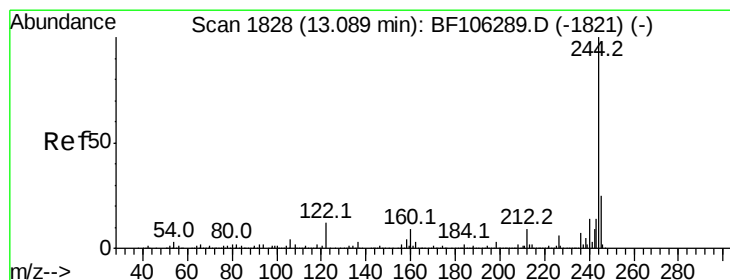
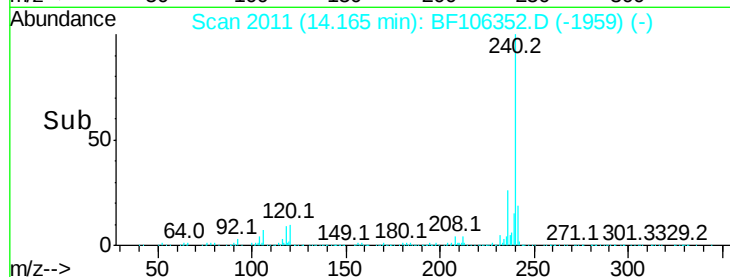
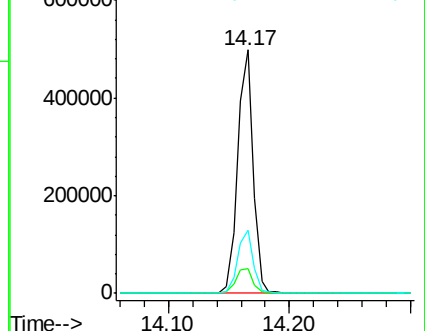
236 26.0 20.7 31.1



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: 59.157 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

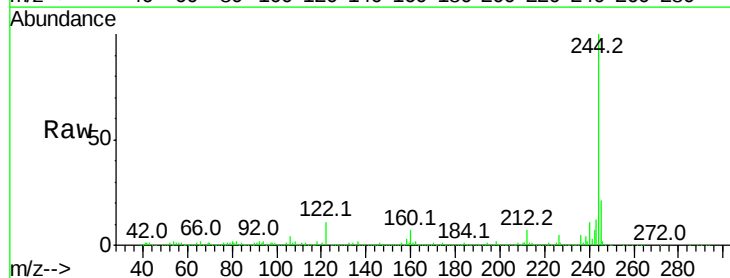
Tgt Ion:244 Resp: 1061019

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

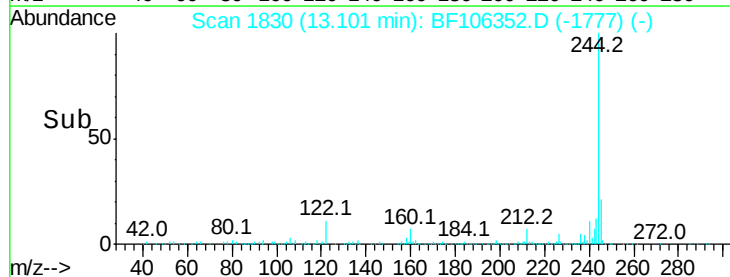
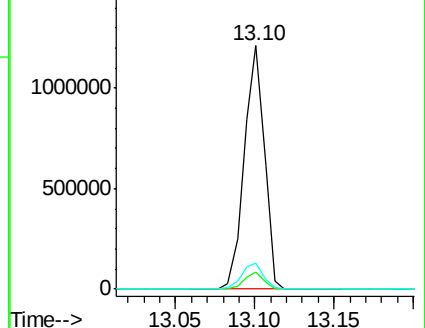
122 10.7 11.0 16.4#

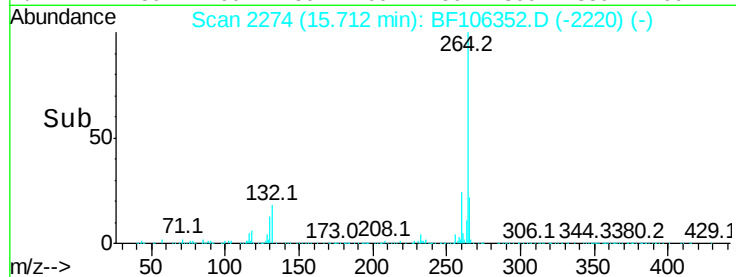
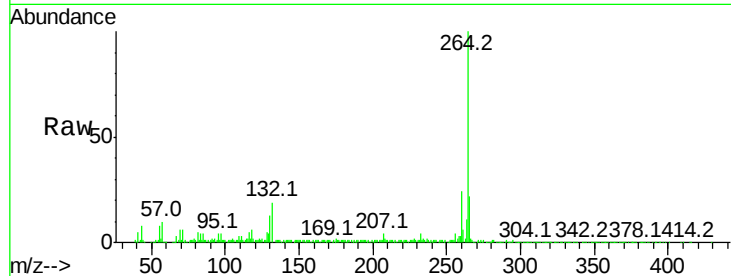
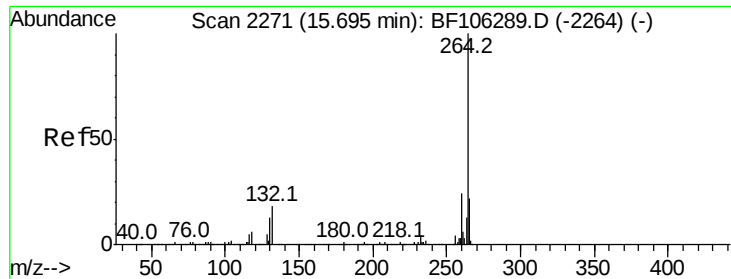


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.71 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3

