

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106306.D
 Acq On : 11 Jun 2018 20:29
 Operator : JU/SJ
 Sample : J3248-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-B

Quant Time: Jun 12 01:44:47 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

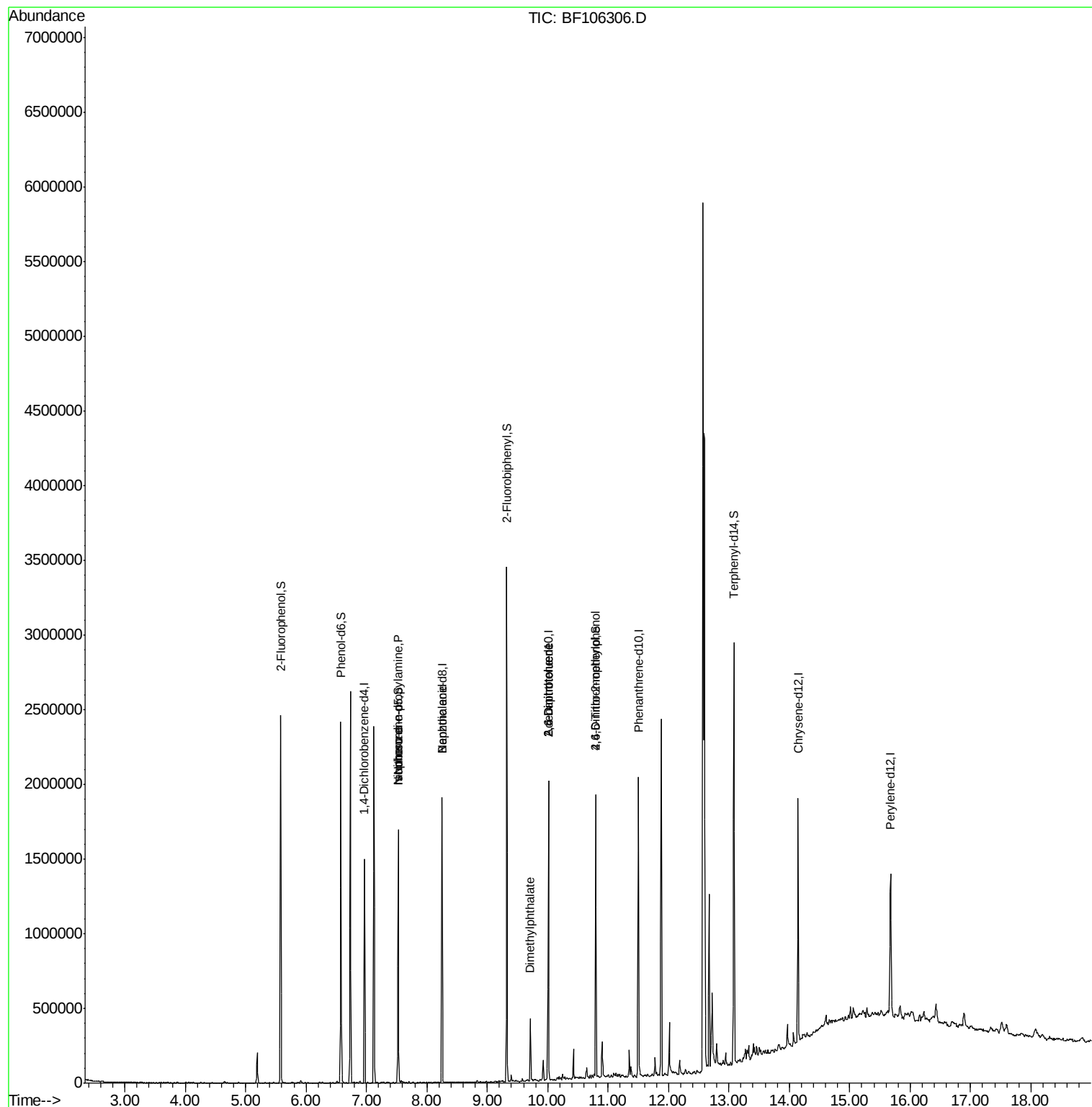
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	217270	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	812692	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	384799	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	672853	20.00	ng	0.00
75) Chrysene-d12	14.14	240	575472	20.00	ng	-0.02
86) Perylene-d12	15.68	264	460186	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	677174	52.75	ng	0.00
7) Phenol-d6	6.58	99	852447	52.56	ng	-0.01
23) Nitrobenzene-d5	7.52	82	532415	38.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	199679	53.93	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	918120	32.62	ng	0.00
78) Terphenyl-d14	13.08	244	866370	37.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	72036	5.920	ng	# 75
25) Isophorone	7.52	82	532189	19.723	ng	# 64
32) Benzoic acid	8.25	122	150	7.304	ng	# 1
49) Dimethylphthalate	9.71	163	138645	5.043	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	48217	8.586	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	48217	6.837	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	468	6.407	ng	# 1

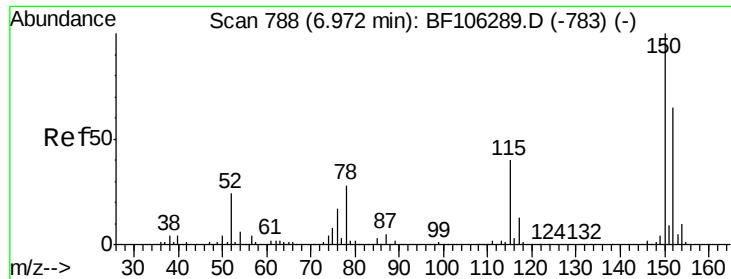
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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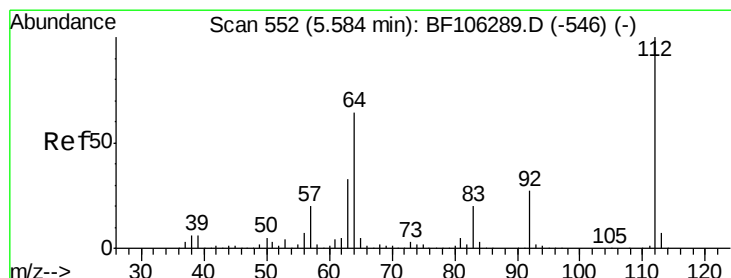
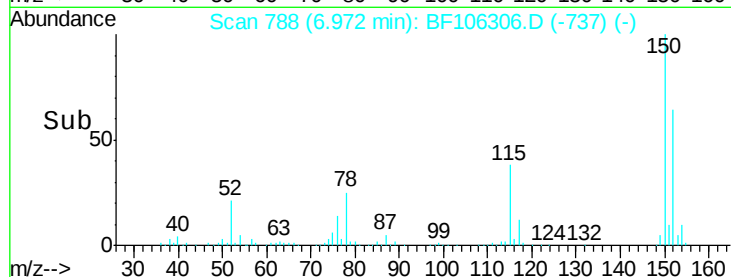
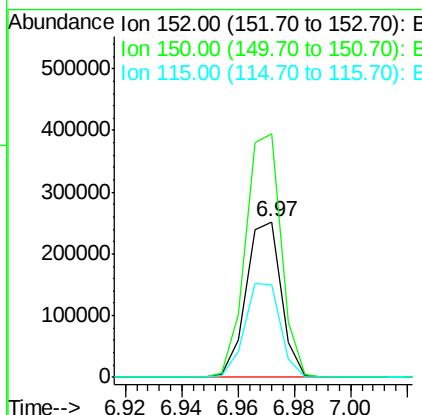
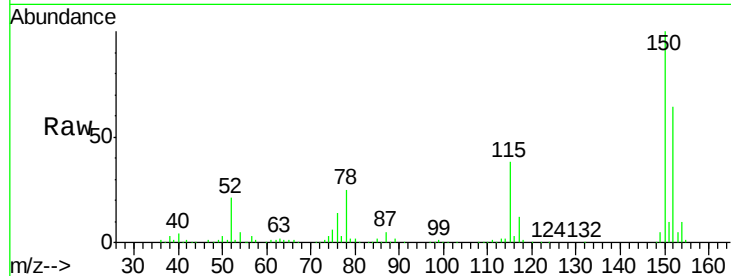




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106306.D
 Acq: 11 Jun 2018 20:29

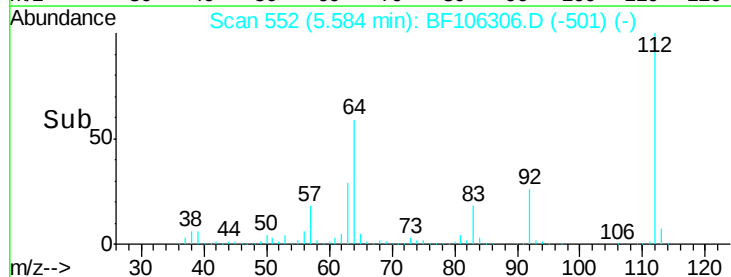
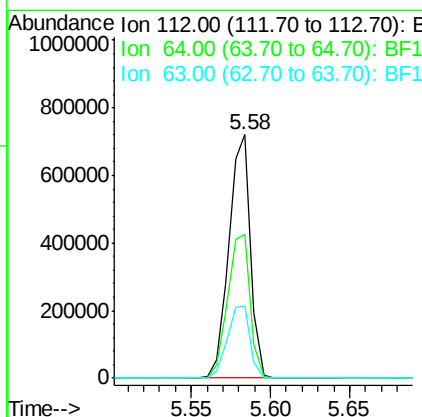
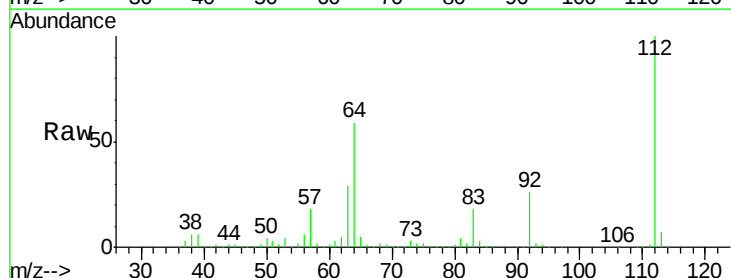
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-B

Tgt Ion:152 Resp: 217270
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 59.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 52.751 ng
 RT: 5.58 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF106306.D
 Acq: 11 Jun 2018 20:29

Tgt Ion:112 Resp: 677174
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 52.560 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF106306.D

Acq: 11 Jun 2018 20:29

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-B

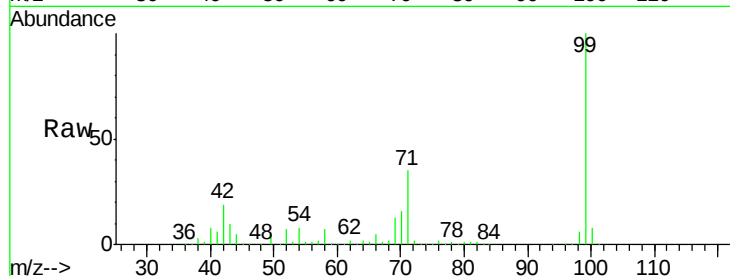
Tgt Ion: 99 Resp: 852447

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

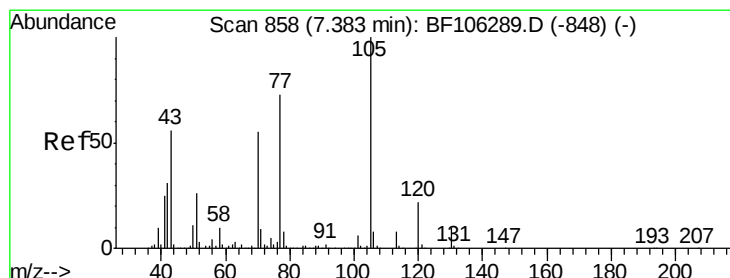
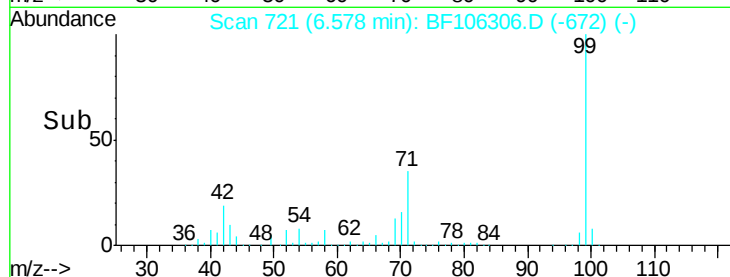
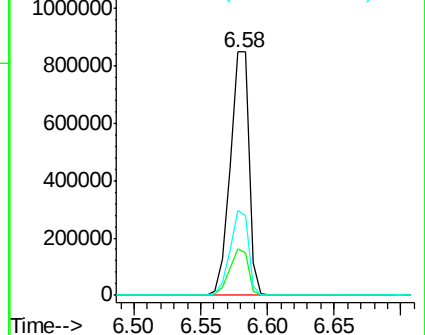
71 34.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.920 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106306.D

Acq: 11 Jun 2018 20:29

Tgt Ion: 70 Resp: 72036

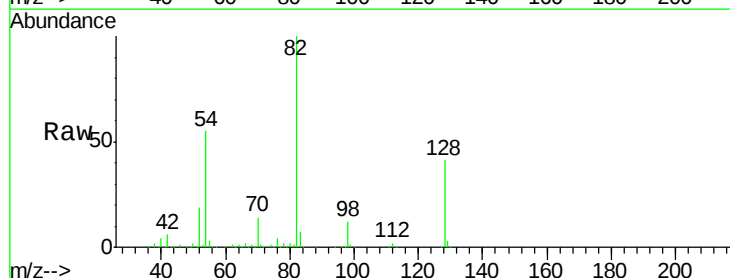
Ion Ratio Lower Upper

70 100

42 45.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

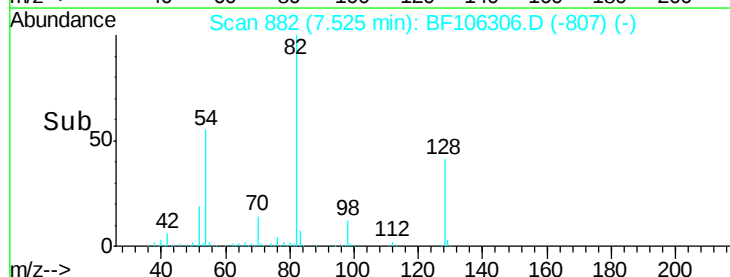
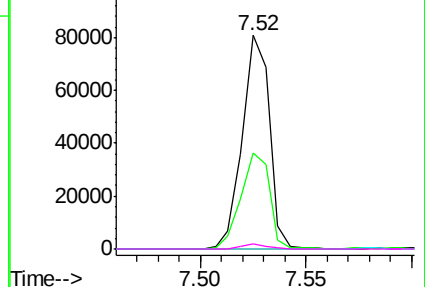


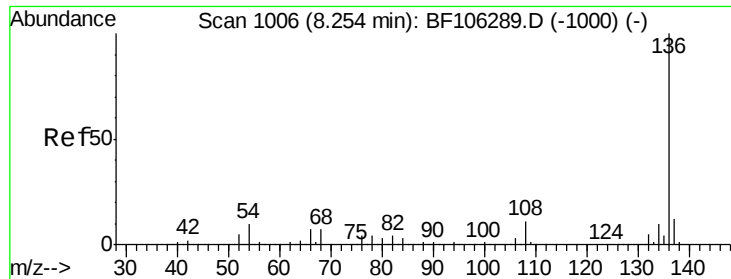
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

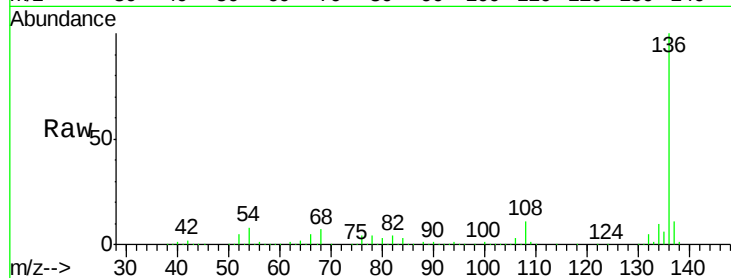




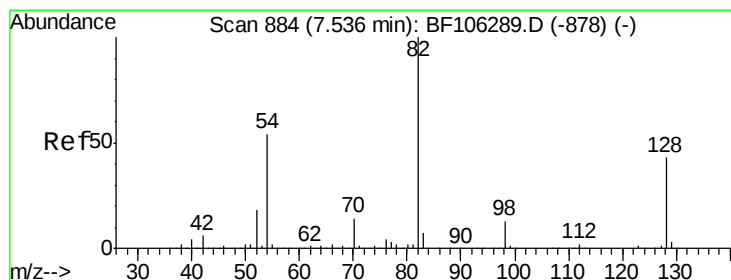
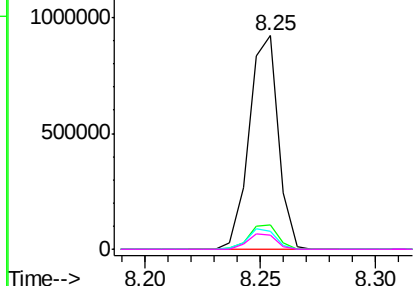
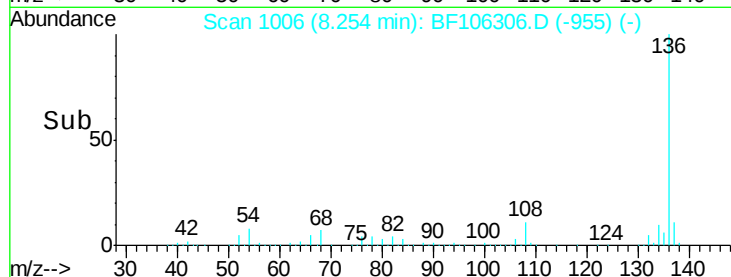
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106306.D
Acq: 11 Jun 2018 20:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060818-B

Tgt Ion:	136	Resp:	812692
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.5	5.0	7.4

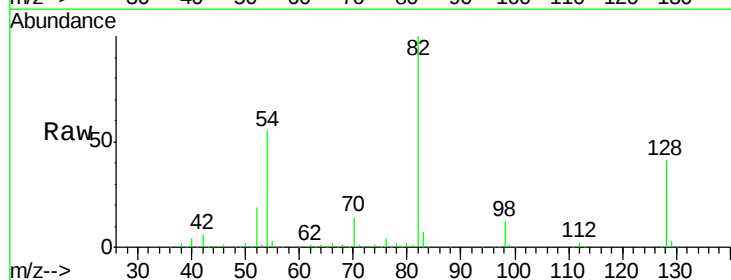


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

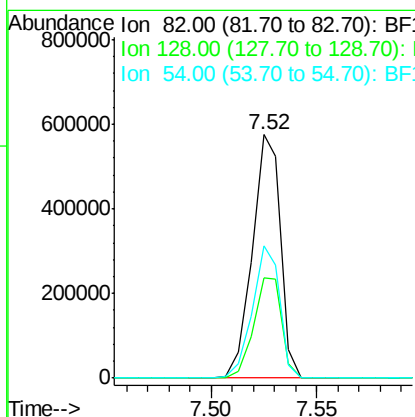
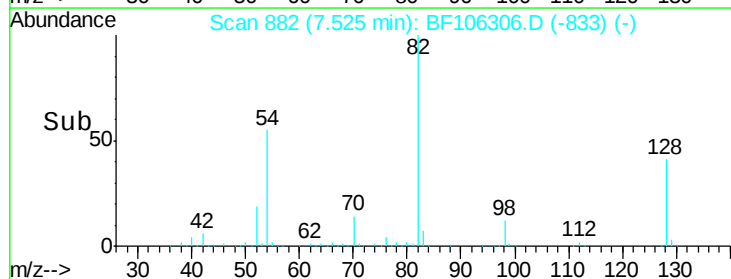


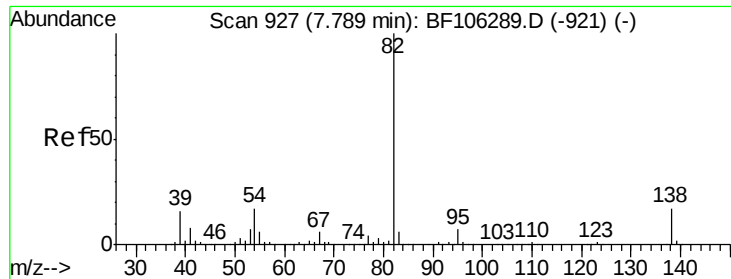
#23
Nitrobenzene-d5
Concen: 38.540 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106306.D
Acq: 11 Jun 2018 20:29

Tgt Ion:	82	Resp:	532415
Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	54.5	41.4	62.2



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





#25

Isophorone

Concen: 19.723 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106306.D

Acq: 11 Jun 2018 20:29

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-B

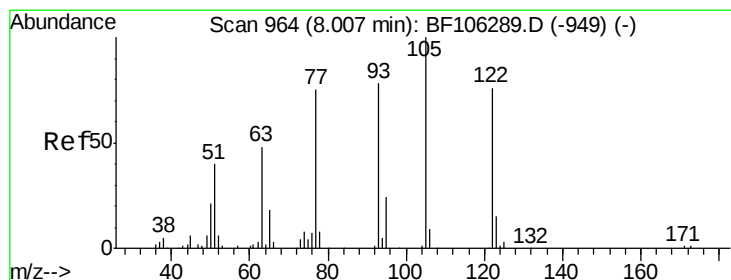
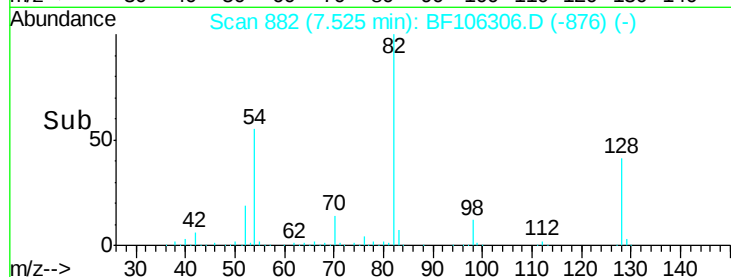
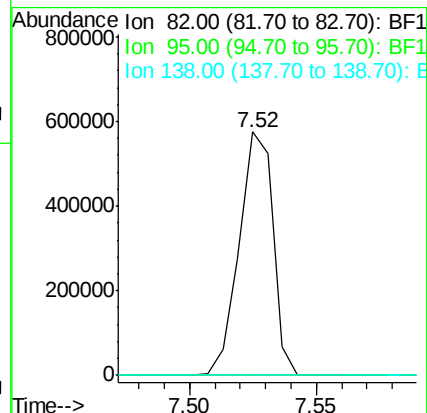
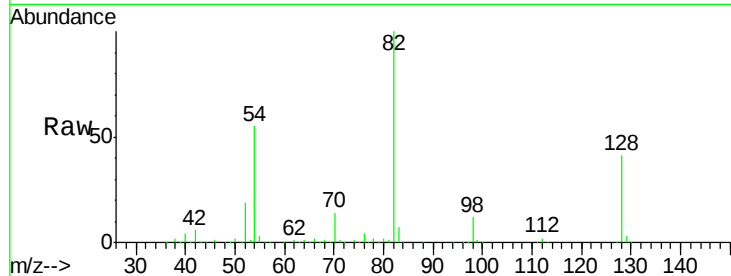
Tgt Ion: 82 Resp: 532189

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 7.304 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.25 min

Lab File: BF106306.D

Acq: 11 Jun 2018 20:29

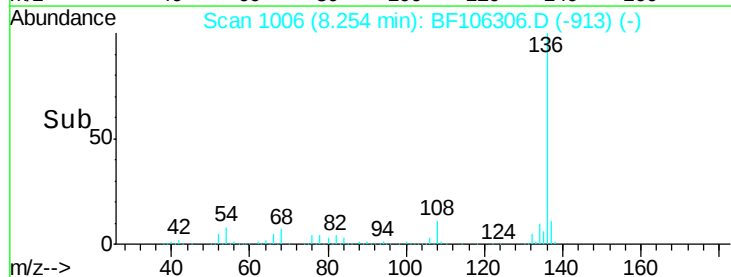
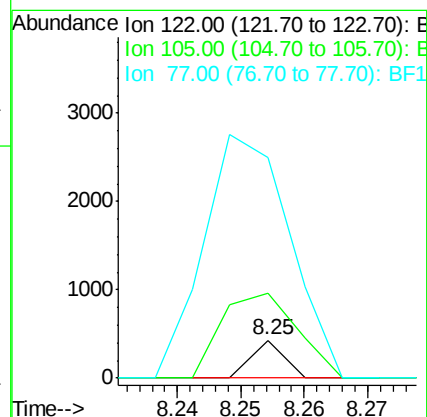
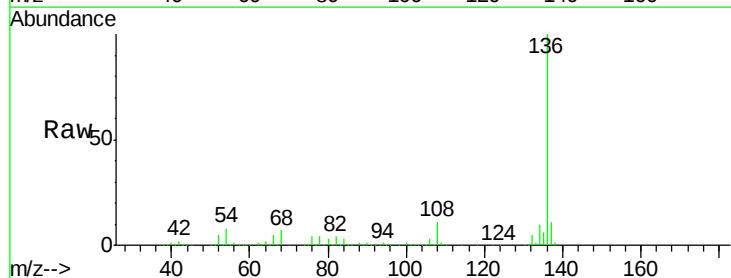
Tgt Ion: 122 Resp: 150

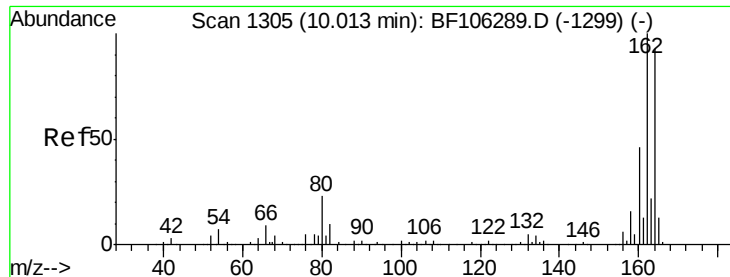
Ion Ratio Lower Upper

122 100

105 227.2 101.1 141.1#

77 587.6 70.7 110.7#

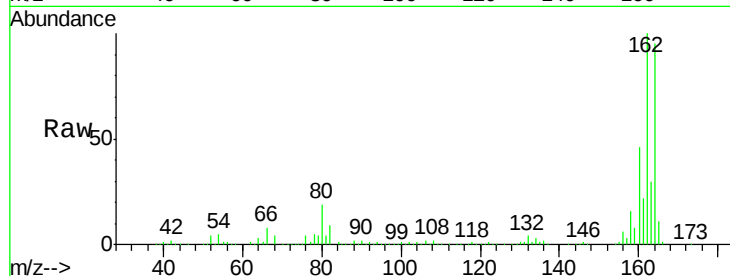




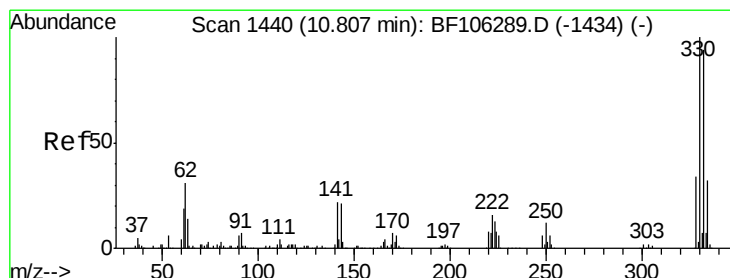
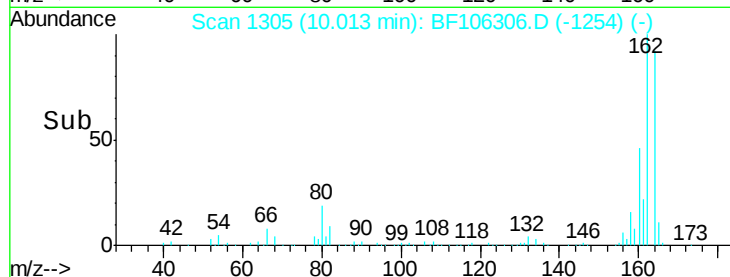
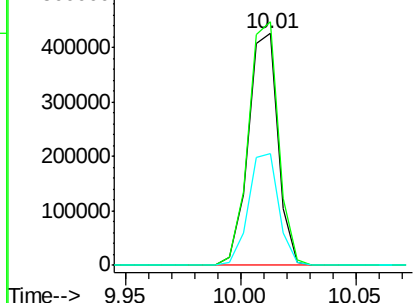
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106306.D
 Acq: 11 Jun 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-B

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	48.6	38.3	57.5

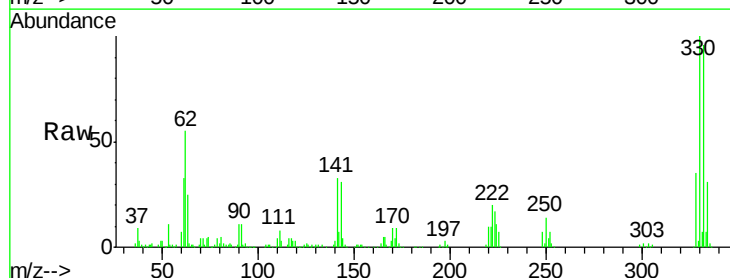


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

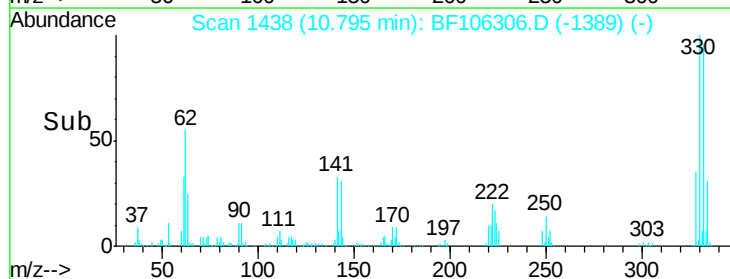
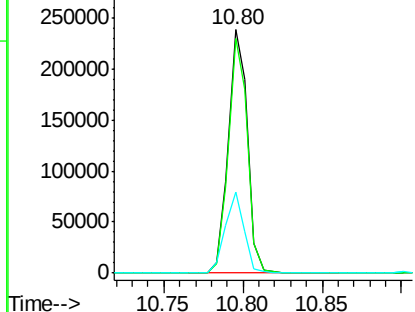


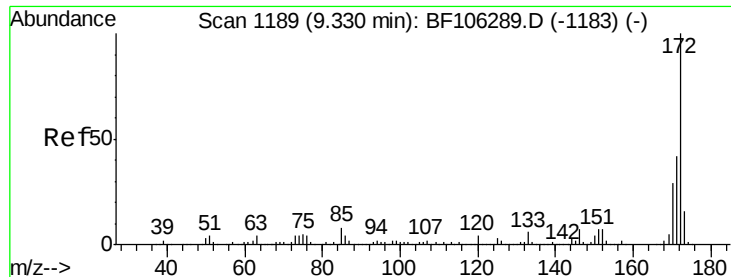
#41
 2,4,6-Tribromophenol
 Concen: 53.932 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106306.D
 Acq: 11 Jun 2018 20:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.8	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

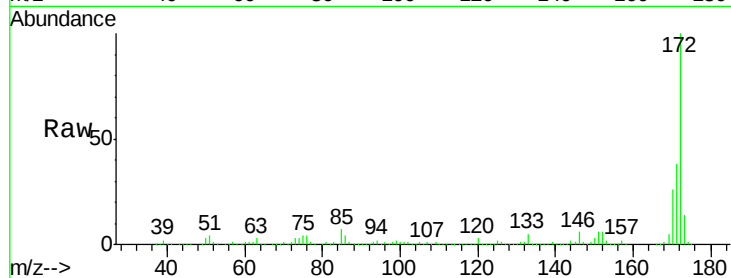




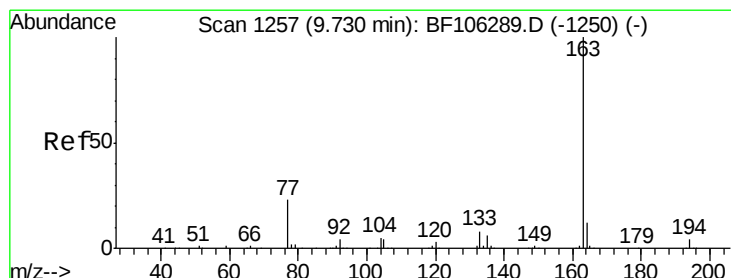
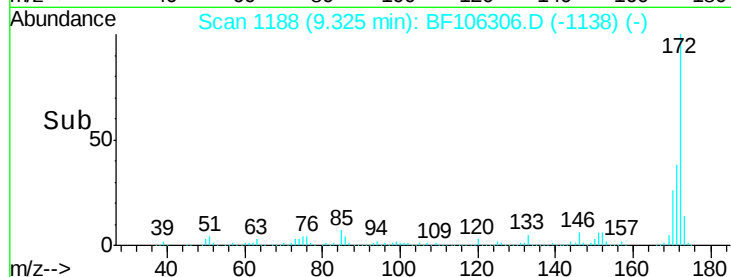
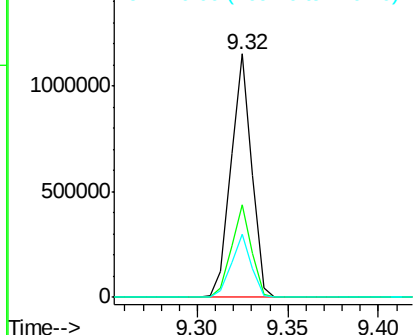
#44
 2-Fluorobiphenyl
 Concen: 32.615 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106306.D
 Acq: 11 Jun 2018 20:29

Instrument :
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 EO-02-060818-B

Tgt Ion:172 Resp: 918120
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 26.1 19.6 29.4

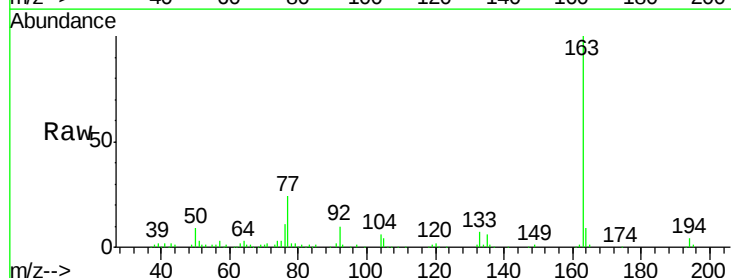


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

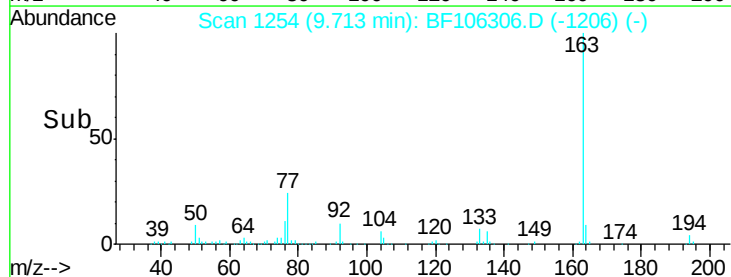
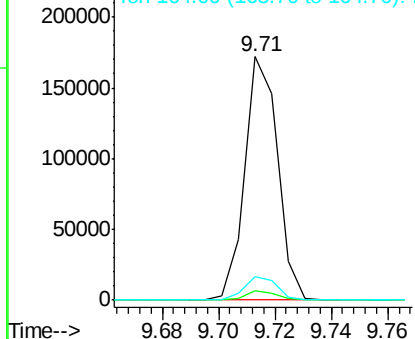


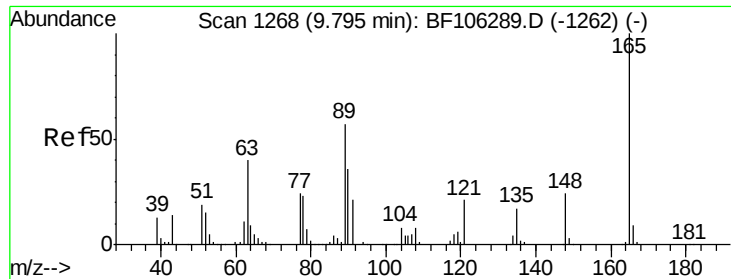
#49
 Dimethylphthalate
 Concen: 5.043 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF106306.D
 Acq: 11 Jun 2018 20:29

Tgt Ion:163 Resp: 138645
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.4 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

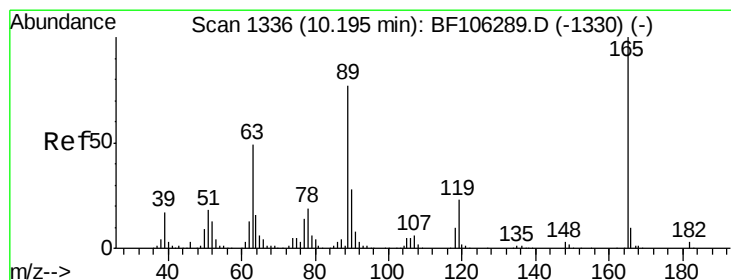
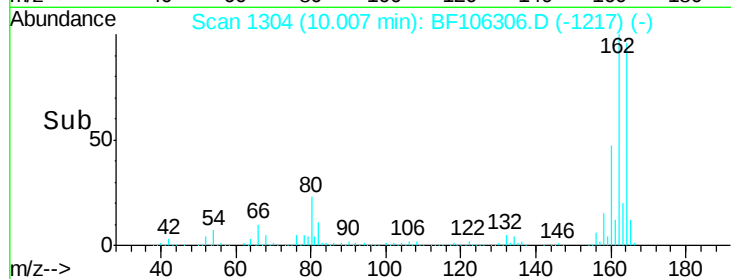
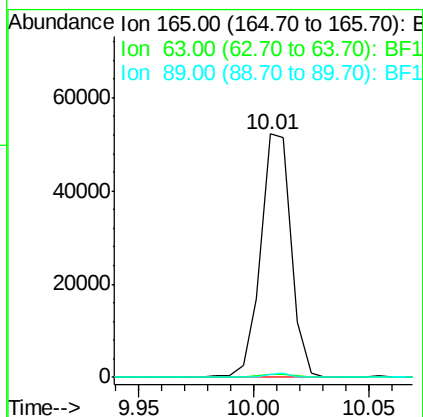
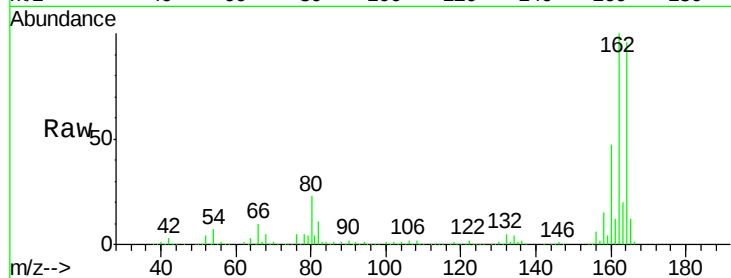




#50
2,6-Dinitrotoluene
Concen: 8.586 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106306.D
Acq: 11 Jun 2018 20:29

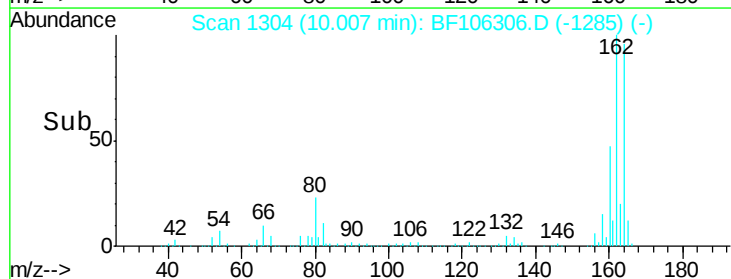
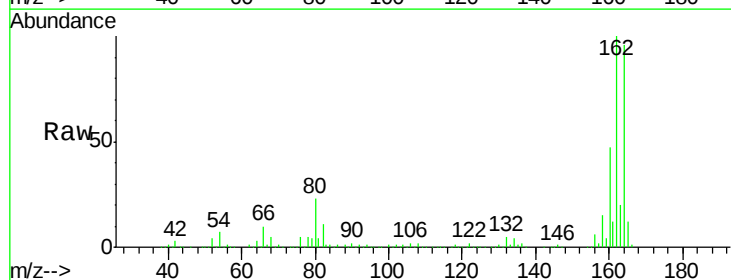
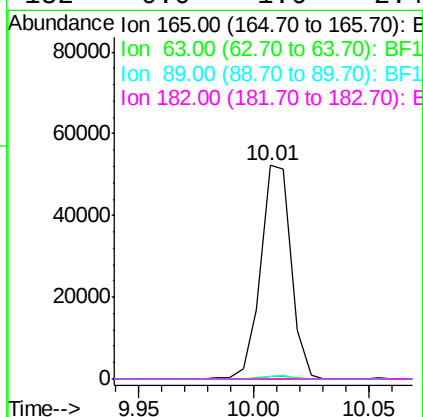
Instrument :
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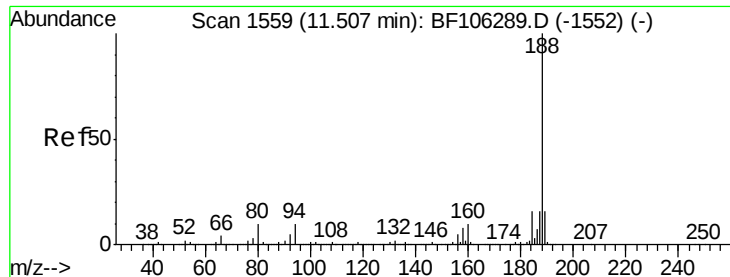
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106306.D
Acq: 11 Jun 2018 20:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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: BF106306.D

Acq: 11 Jun 2018 20:29

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-B

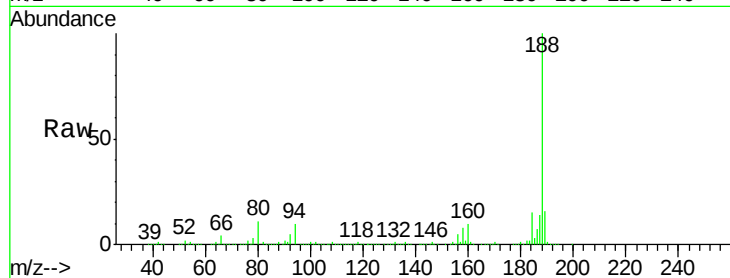
Tgt Ion:188 Resp: 672853

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

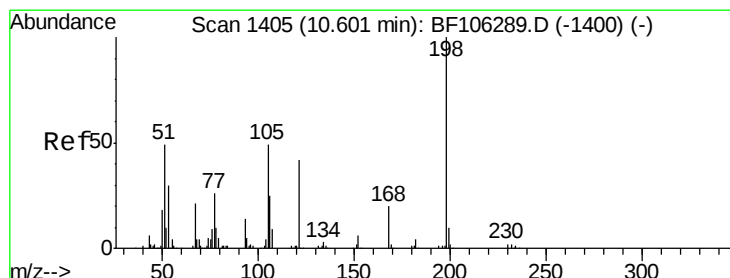
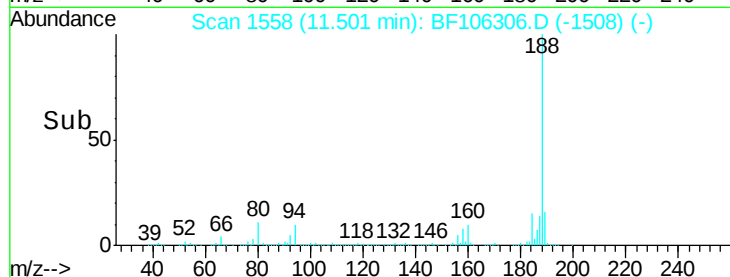
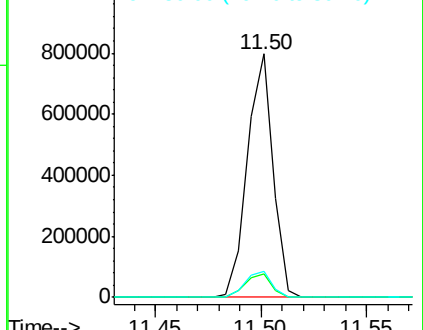
80 10.8 9.2 13.8



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: 6.407 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.20 min

Lab File: BF106306.D

Acq: 11 Jun 2018 20:29

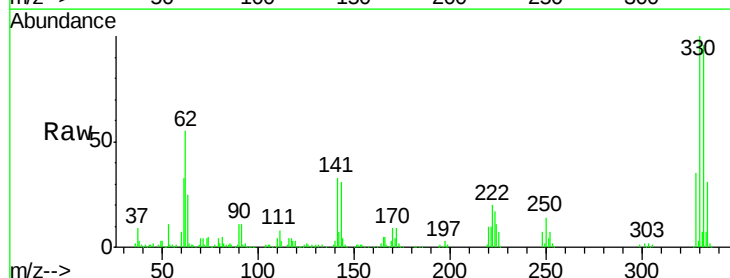
Tgt Ion:198 Resp: 468

Ion Ratio Lower Upper

198 100

51 194.7 37.7 77.7#

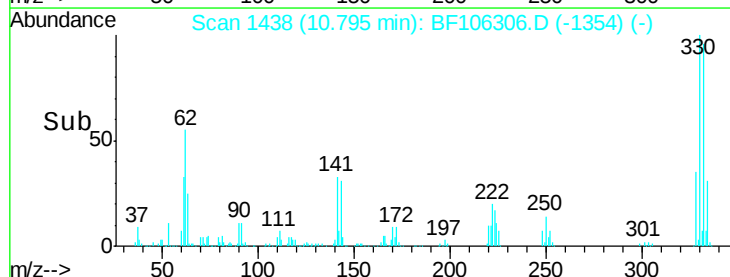
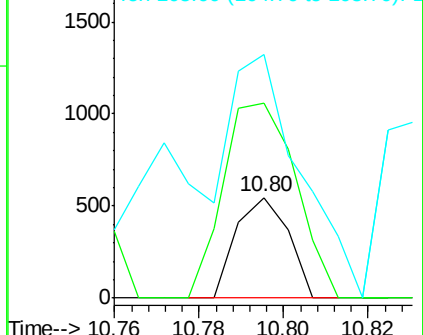
105 243.0 36.3 76.3#

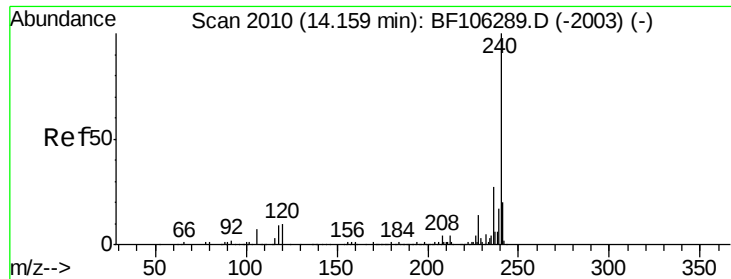


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106306.D

Acq: 11 Jun 2018 20:29

Instrument :

BNA_F

ClientSampleId :

EO-02-060818-B

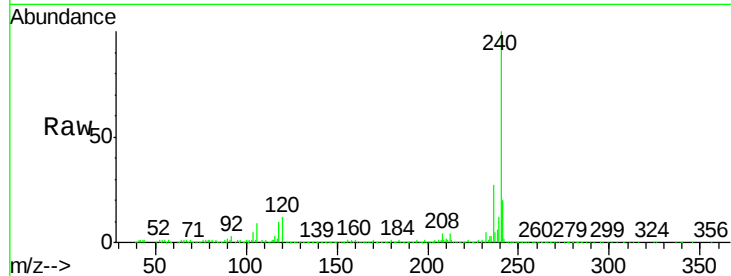
Tgt Ion:240 Resp: 575472

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

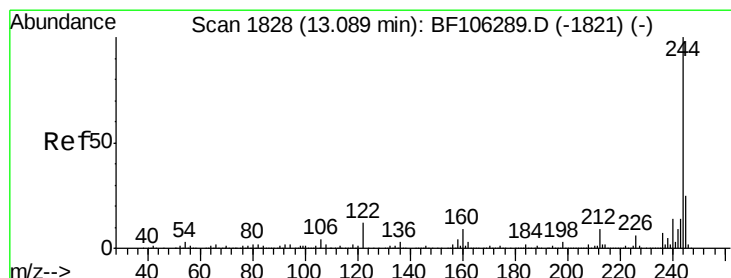
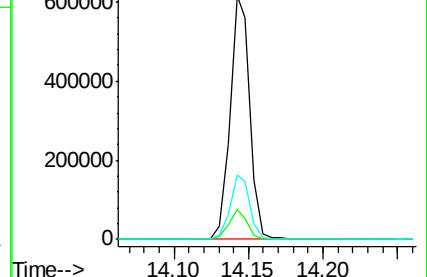
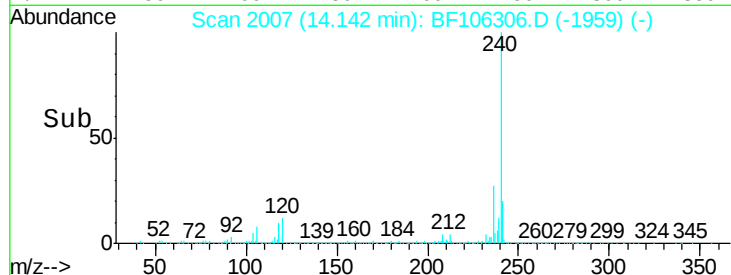
236 26.7 20.7 31.1



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: 37.393 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106306.D

Acq: 11 Jun 2018 20:29

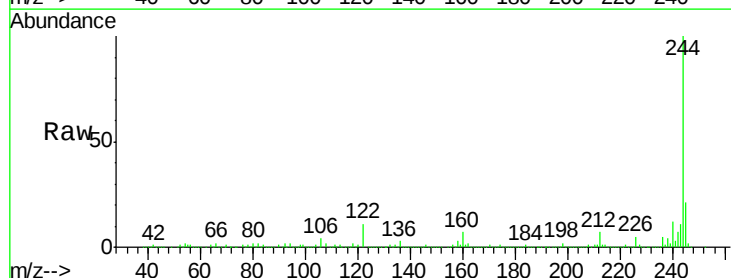
Tgt Ion:244 Resp: 866370

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

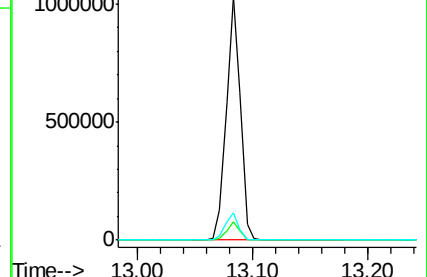
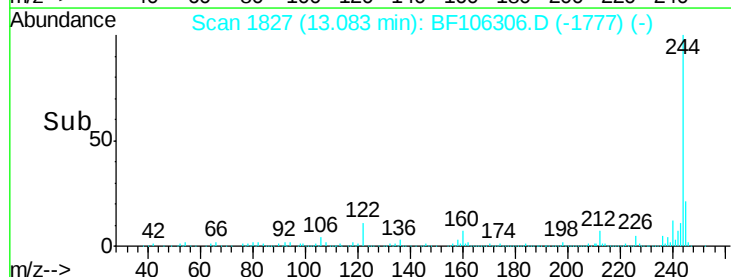
122 11.4 11.0 16.4

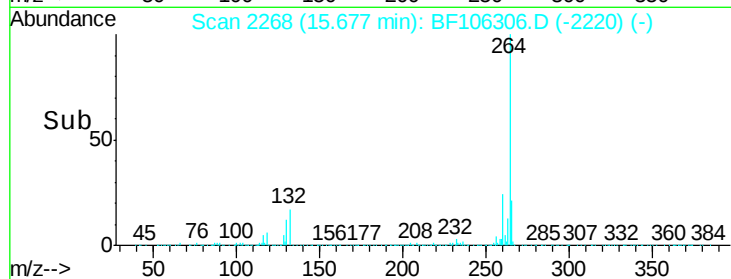
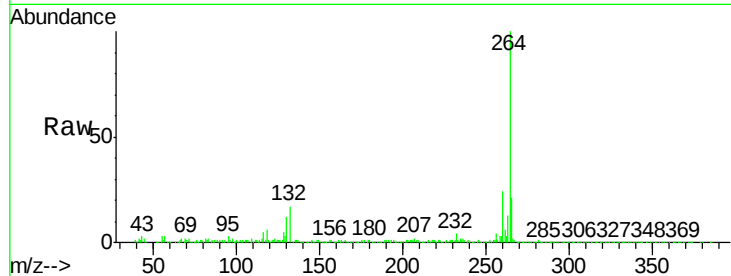
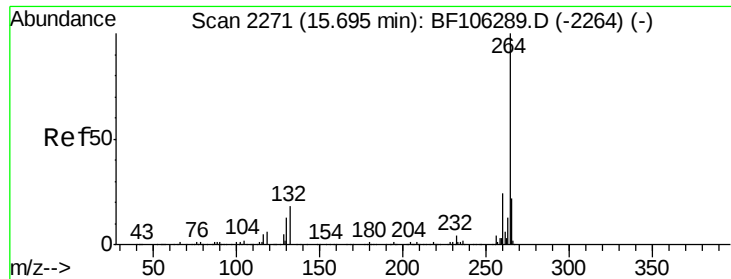


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
Lab File: BF106306.D
Acq: 11 Jun 2018 20:29

Instrument :
BNA_F
ClientSampleId :
EO-02-060818-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3

