

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106801.D
 Acq On : 26 Jun 2018 5:07
 Operator : JU/SJ
 Sample : J3648-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 07:28:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

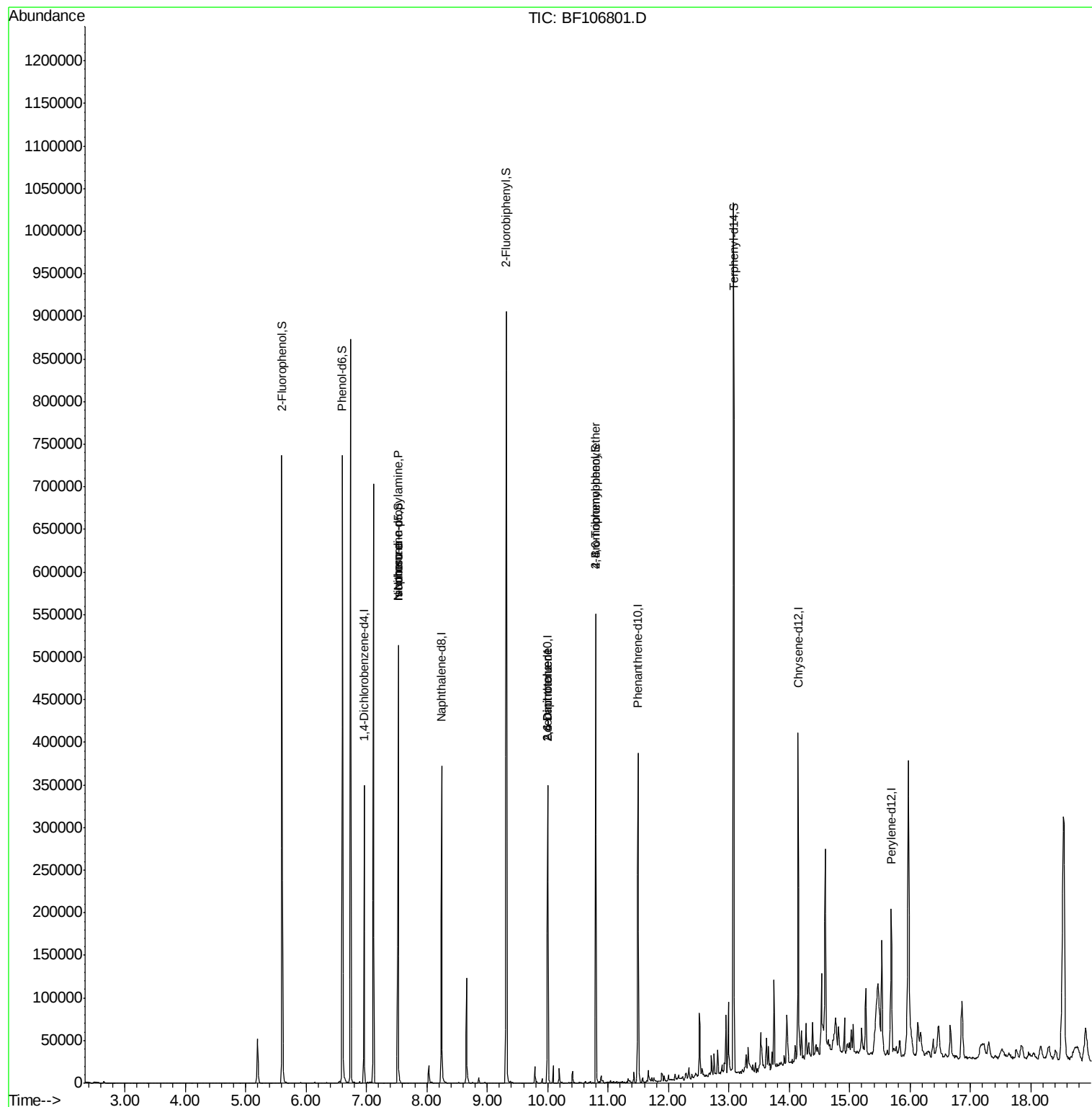
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	47035	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	164402	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	71226	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	137869	20.00	ng	0.00
75) Chrysene-d12	14.15	240	125306	20.00	ng	-0.02
86) Perylene-d12	15.69	264	87913	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	224626	80.87	ng	0.00
7) Phenol-d6	6.60	99	272816	78.65	ng	-0.01
23) Nitrobenzene-d5	7.52	82	164466	55.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	73300	88.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	317270	73.38	ng	-0.01
78) Terphenyl-d14	13.08	244	371337	71.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	21126	9.239	ng	# 73
25) Isophorone	7.52	82	164463	31.549	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	9074	8.022	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	9074	6.146	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4684	2.847	ng	# 1

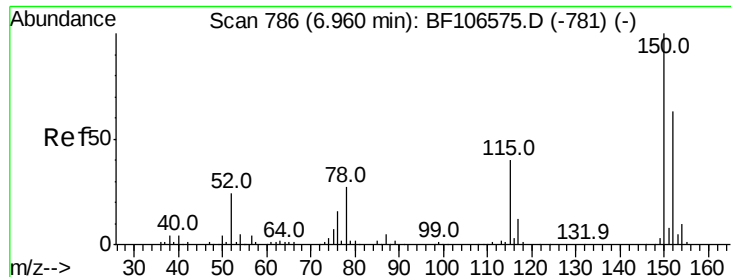
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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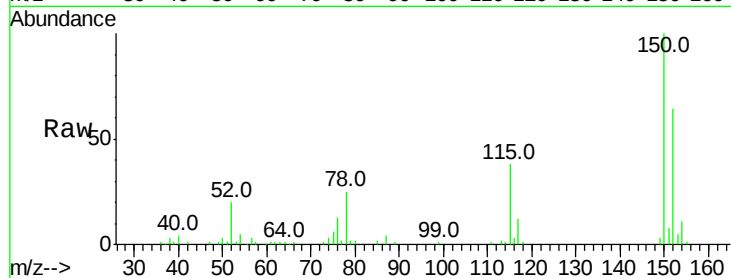


#1

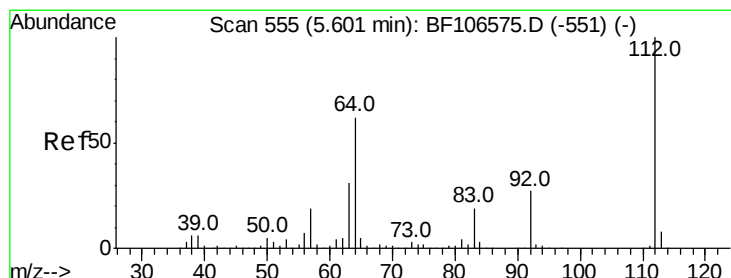
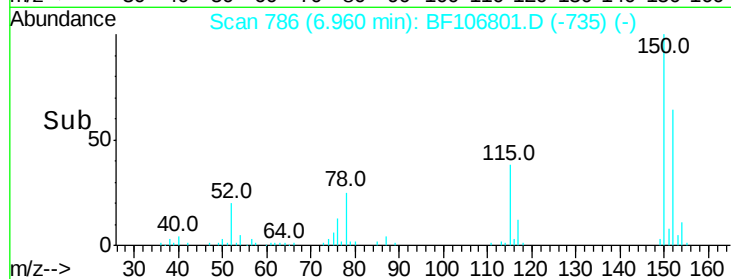
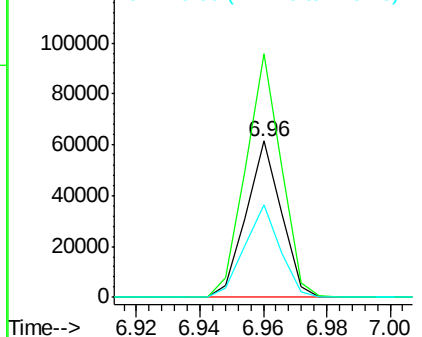
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 47035
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 59.7 50.1 75.1



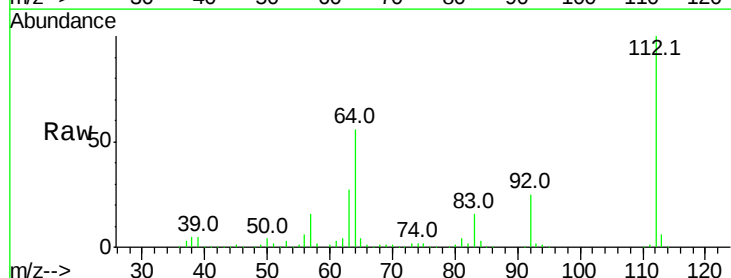
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



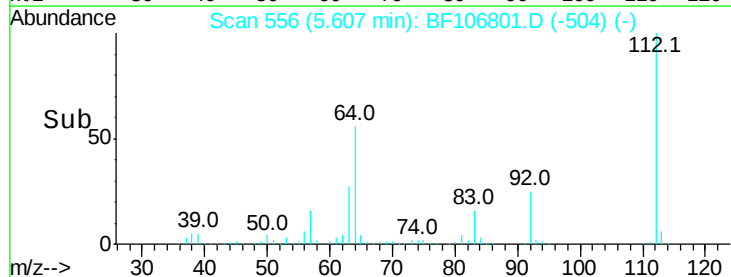
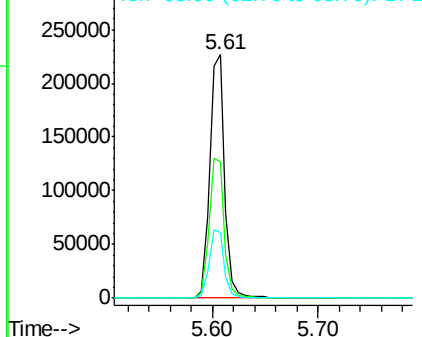
#5

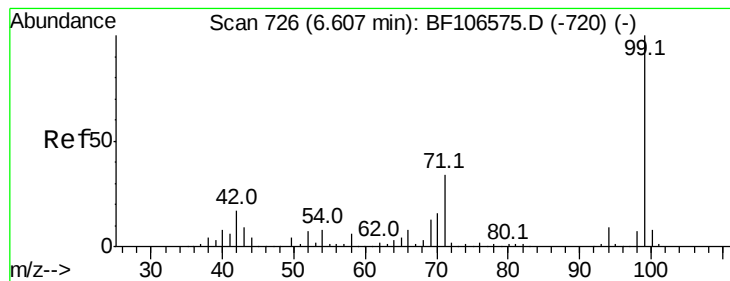
2-Fluorophenol
 Concen: 80.868 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Tgt Ion:112 Resp: 224626
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 26.9 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: 78.649 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Instrument :

BNA_F

ClientSampled :

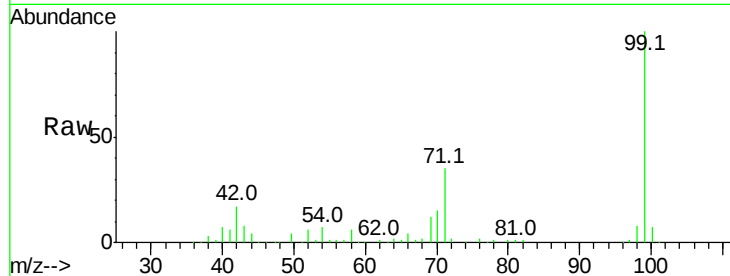
Tot Ion: 99 Resp: 272816

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

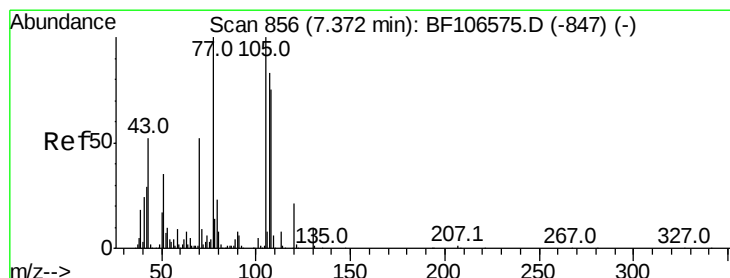
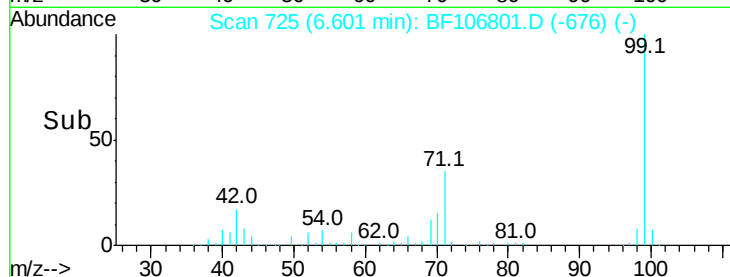
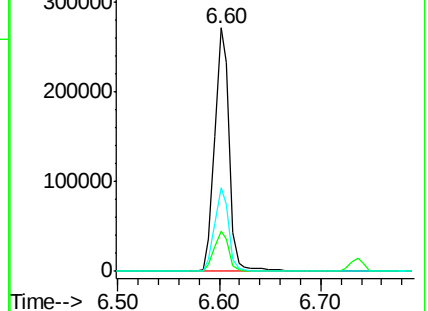
71 34.5 25.4 38.0



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: 9.239 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Tgt Ion: 70 Resp: 21126

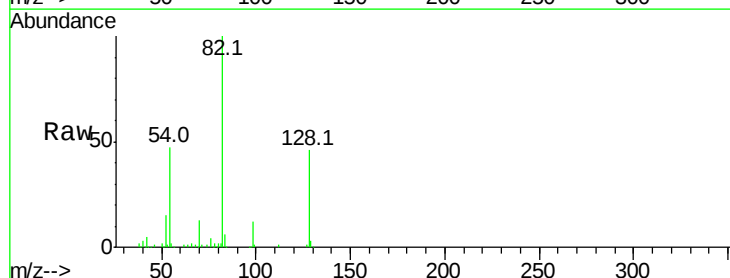
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

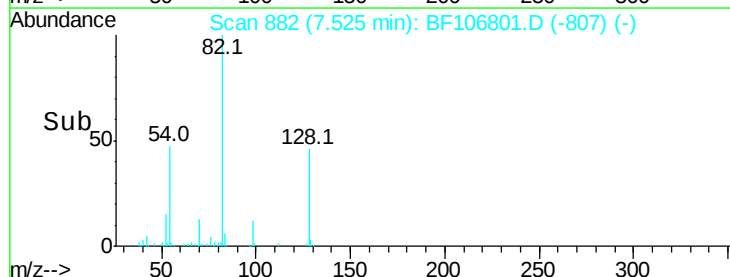
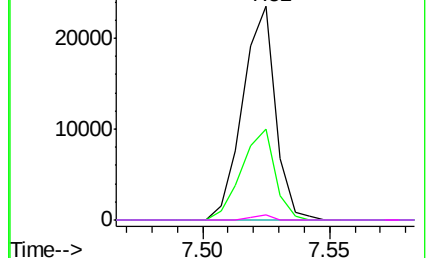


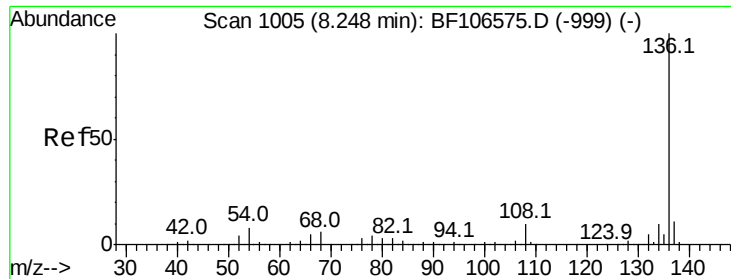
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

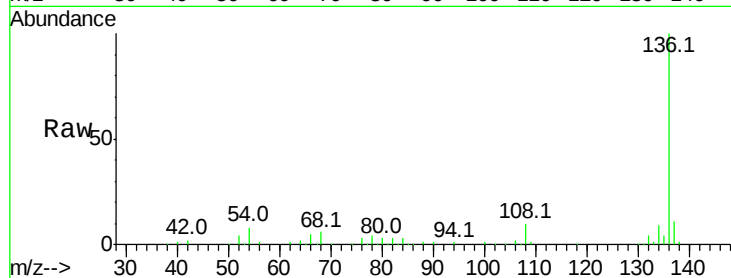




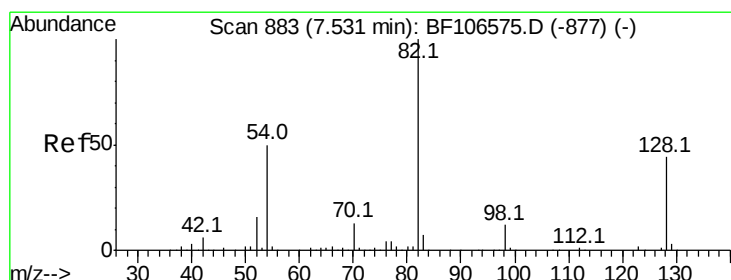
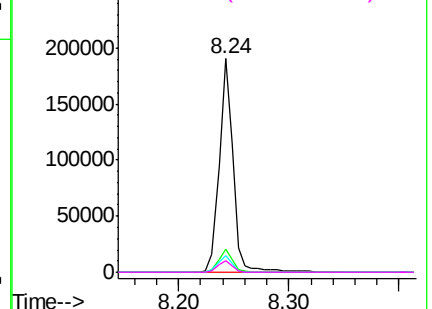
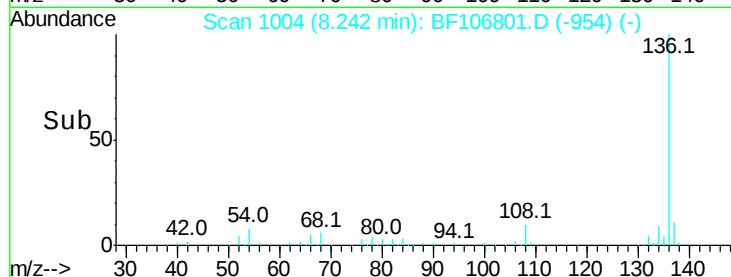
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106801.D
Acq: 26 Jun 2018 5:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	164402
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.8	6.6	9.8
68	5.7	5.0	7.4

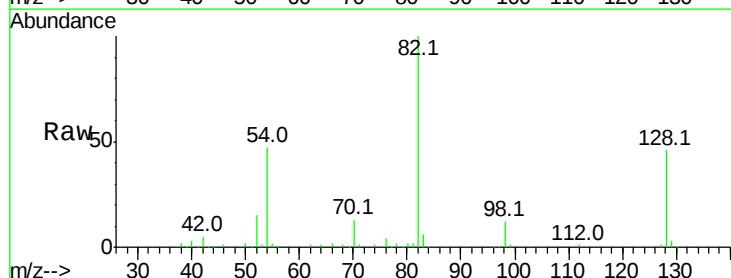


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

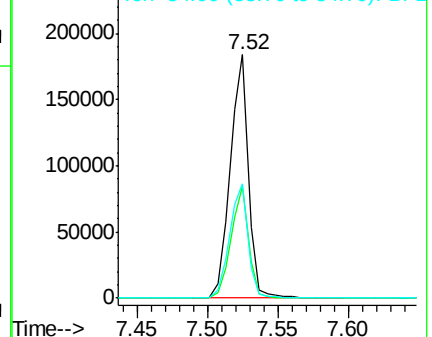
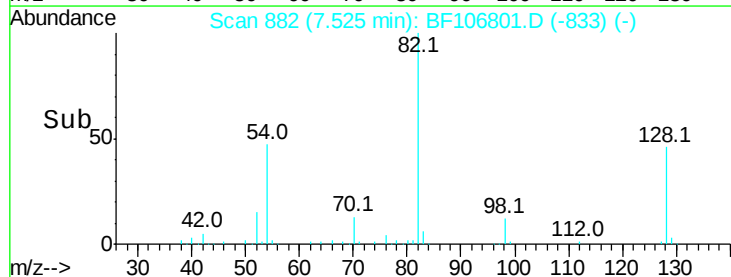


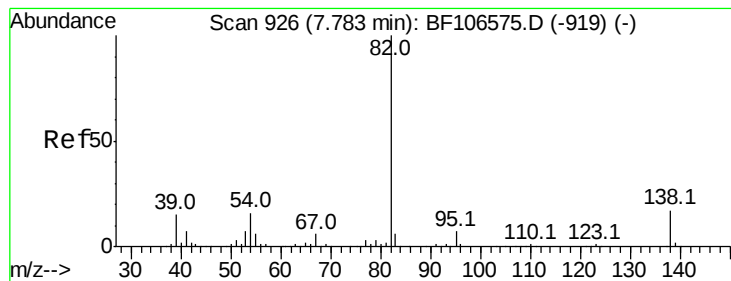
#23
Nitrobenzene-d5
Concen: 55.595 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106801.D
Acq: 26 Jun 2018 5:07

Tgt Ion:	82	Resp:	164466
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	47.1	41.4	62.2



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





#25

Isophorone

Concen: 31.549 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Instrument :

BNA_F

ClientSampled :

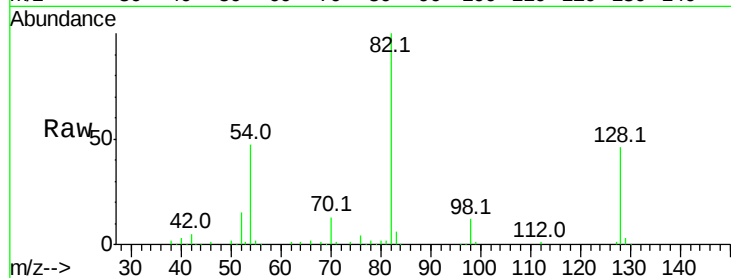
Tot Ion: 82 Resp: 164463

Ion Ratio Lower Upper

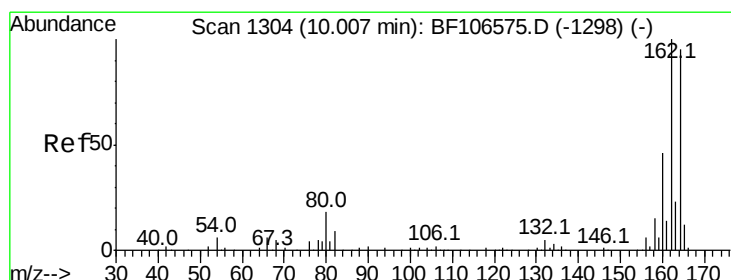
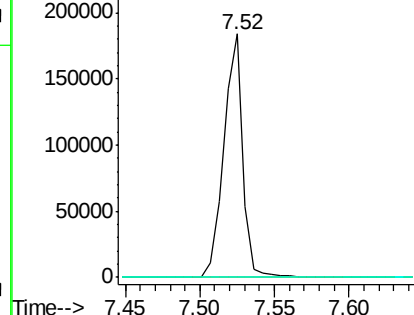
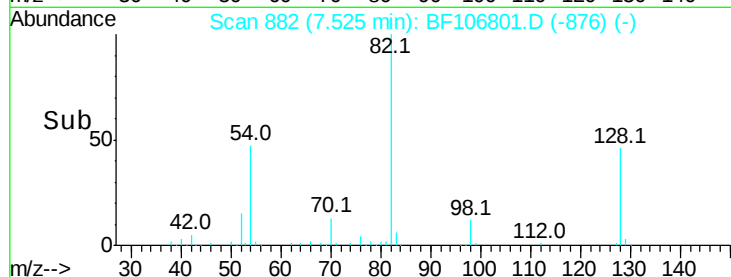
82 100

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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

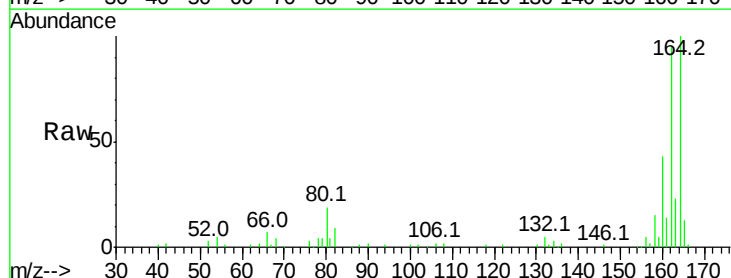
Tgt Ion:164 Resp: 71226

Ion Ratio Lower Upper

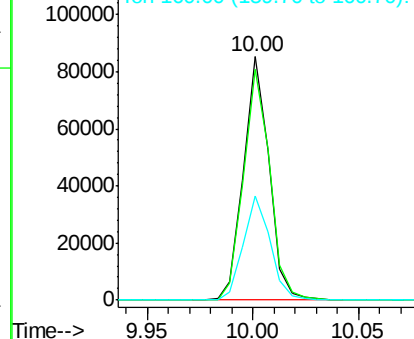
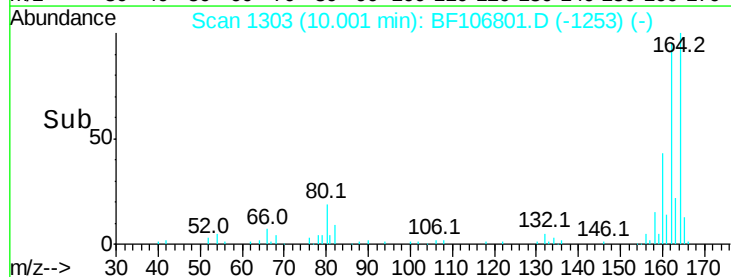
164 100

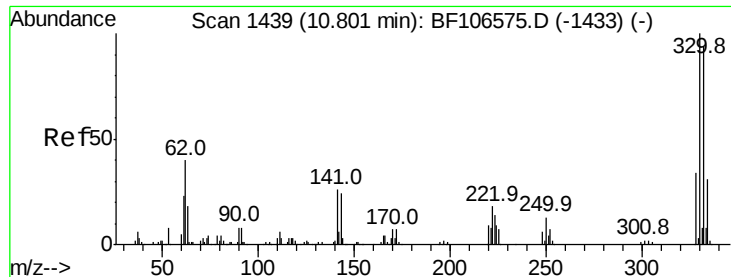
162 94.9 86.1 129.1

160 42.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

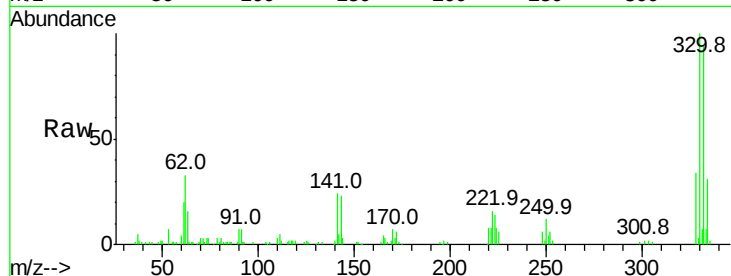




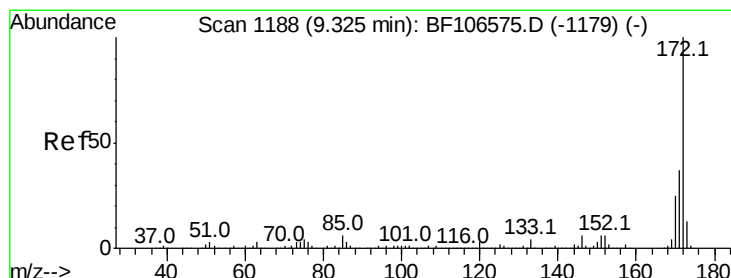
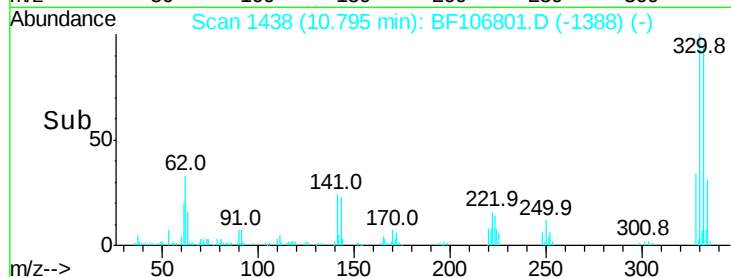
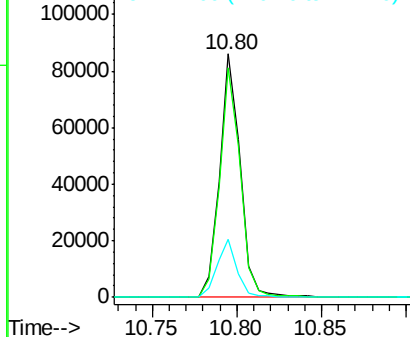
#41
 2,4,6-Tribromophenol
 Concen: 88.792 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	23.3	29.9	44.9

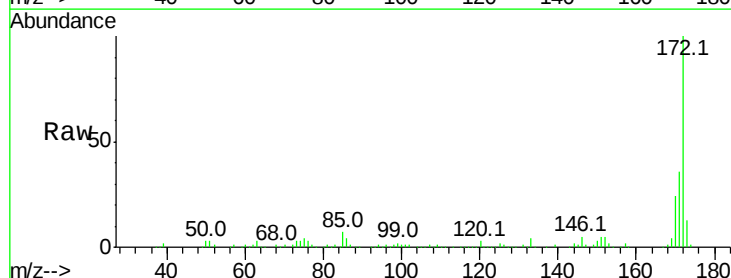


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

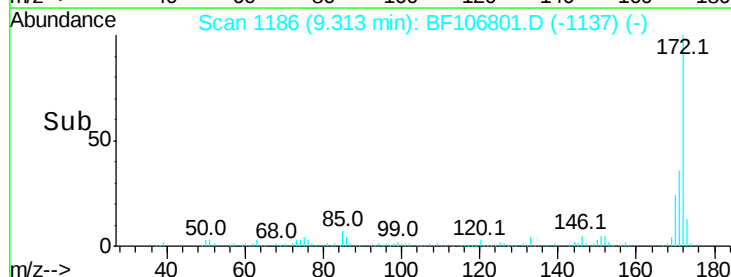
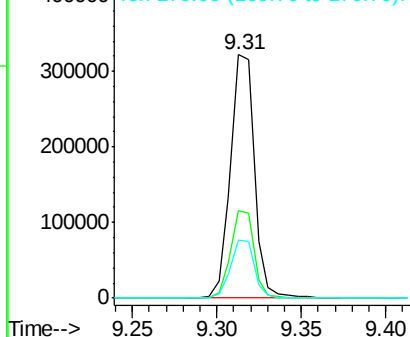


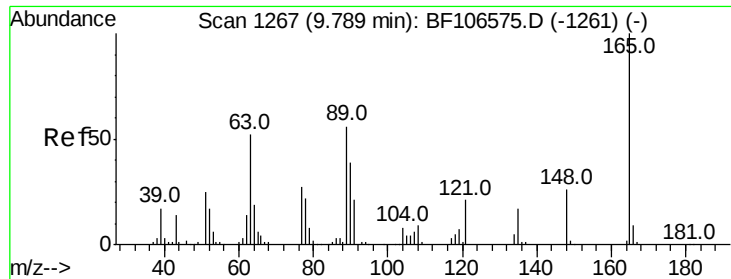
#44
 2-Fluorobiphenyl
 Concen: 73.380 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	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

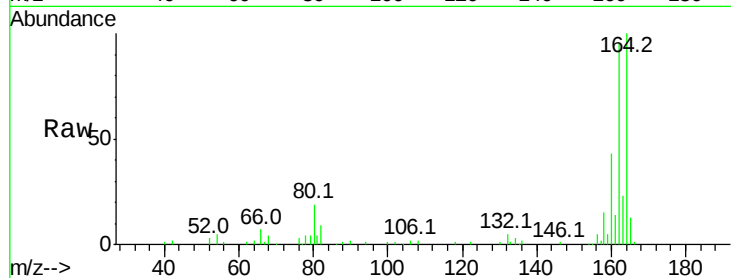




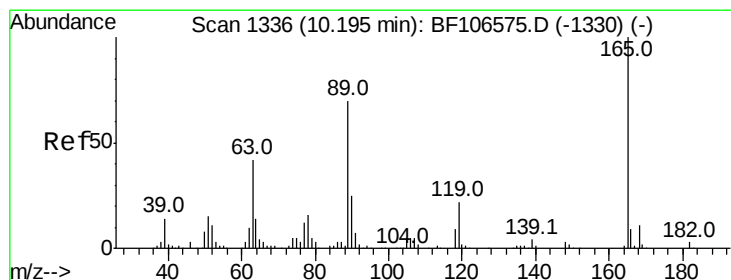
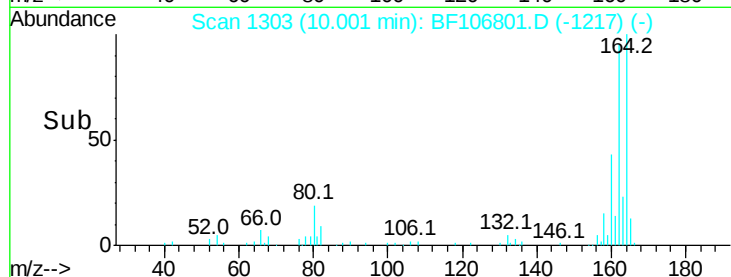
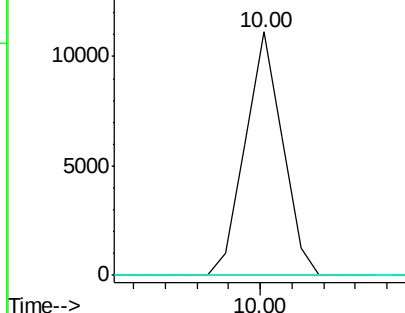
#50
 2,6-Dinitrotoluene
 Concen: 8.022 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 9074
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

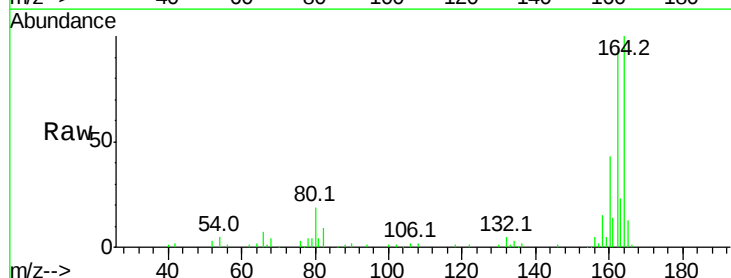


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

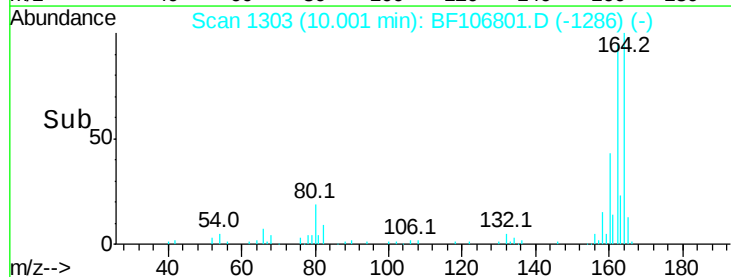
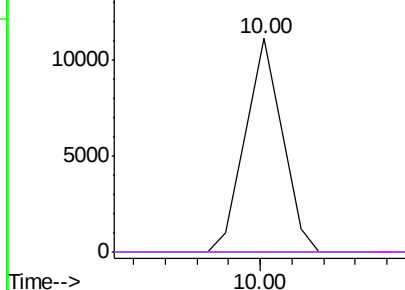


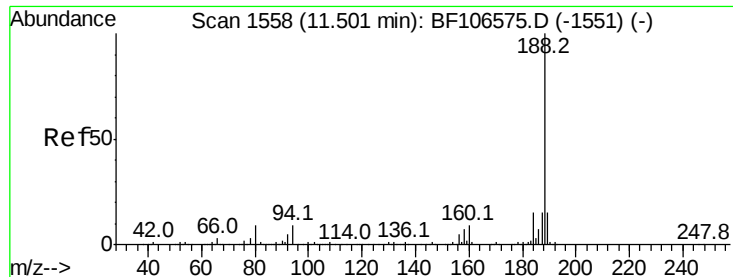
#56
 2,4-Dinitrotoluene
 Concen: 6.146 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Tgt Ion:165 Resp: 9074
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

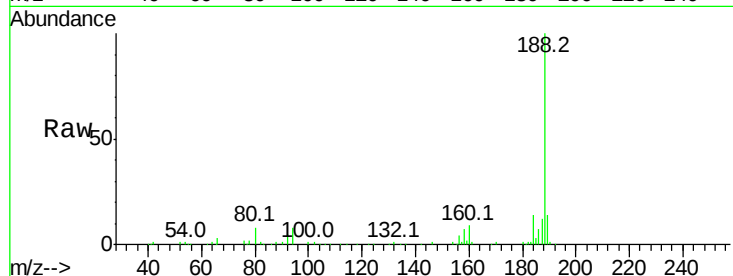
Tot Ion:188 Resp: 137869

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

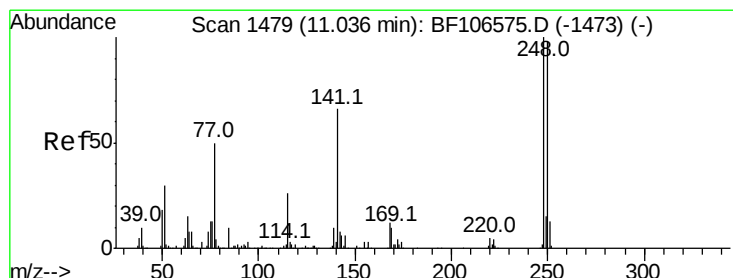
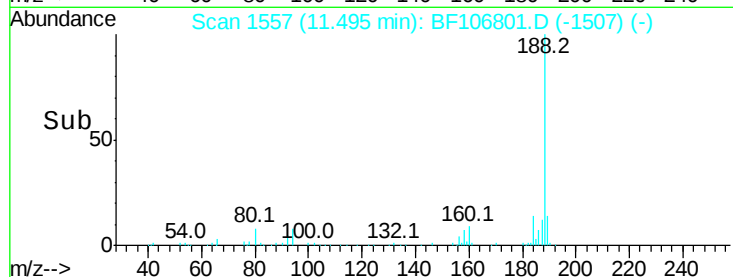
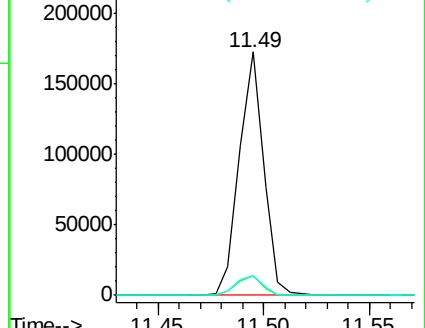
80 8.2 9.2 13.8#



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



#66

4-Bromophenyl-phenylether

Concen: 2.847 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

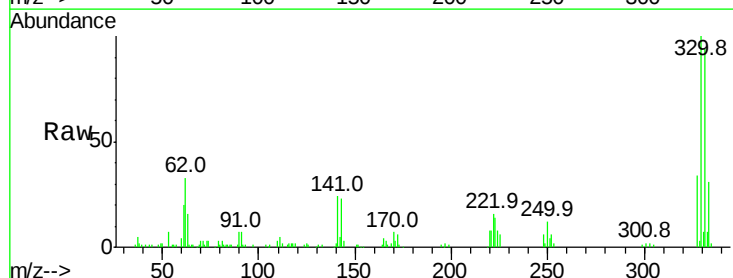
Tgt Ion:248 Resp: 4684

Ion Ratio Lower Upper

248 100

250 194.3 76.9 115.3#

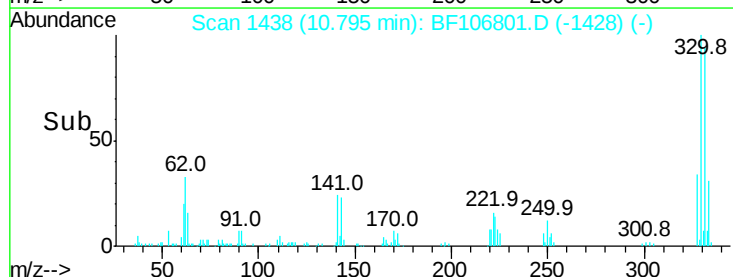
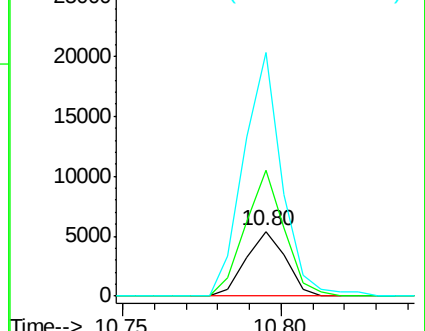
141 375.9 74.4 111.6#

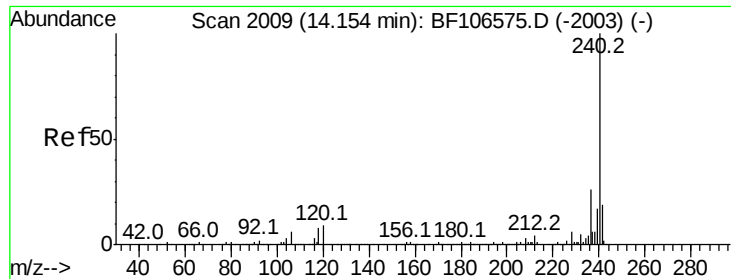


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2008

Delta R.T. -0.02 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

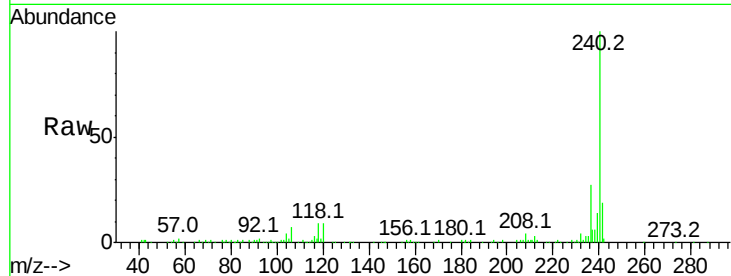
Tot Ion:240 Resp: 125306

Ion Ratio Lower Upper

240 100

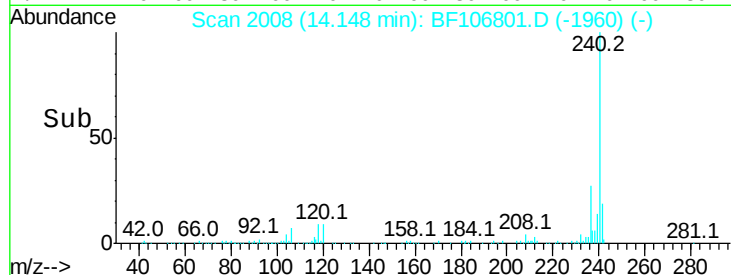
120 8.8 9.5 14.3#

236 26.8 20.7 31.1

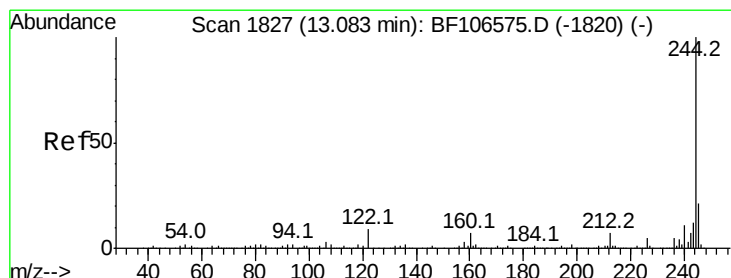


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.15



Time-->



#78

Terphenyl-d14

Concen: 71.783 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

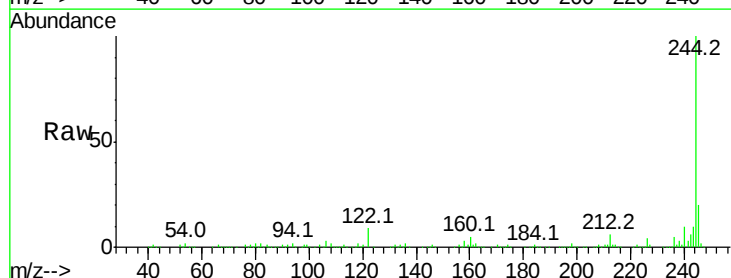
Tgt Ion:244 Resp: 371337

Ion Ratio Lower Upper

244 100

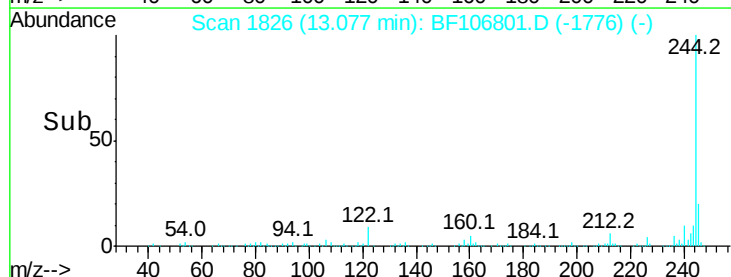
212 6.3 5.4 8.0

122 8.9 11.0 16.4#

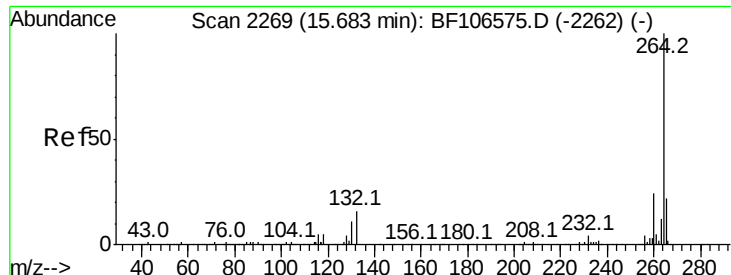


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

13.08



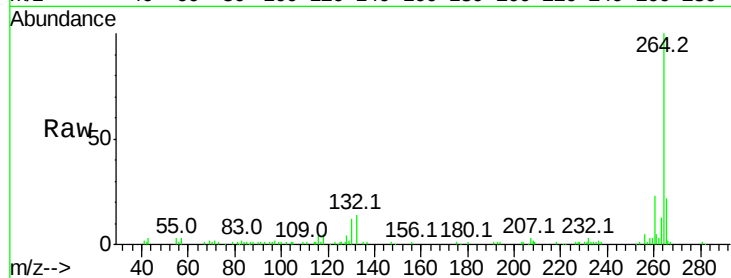
Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	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

