

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106804.D
 Acq On : 26 Jun 2018 6:25
 Operator : JU/SJ
 Sample : J3689-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 07:28:57 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

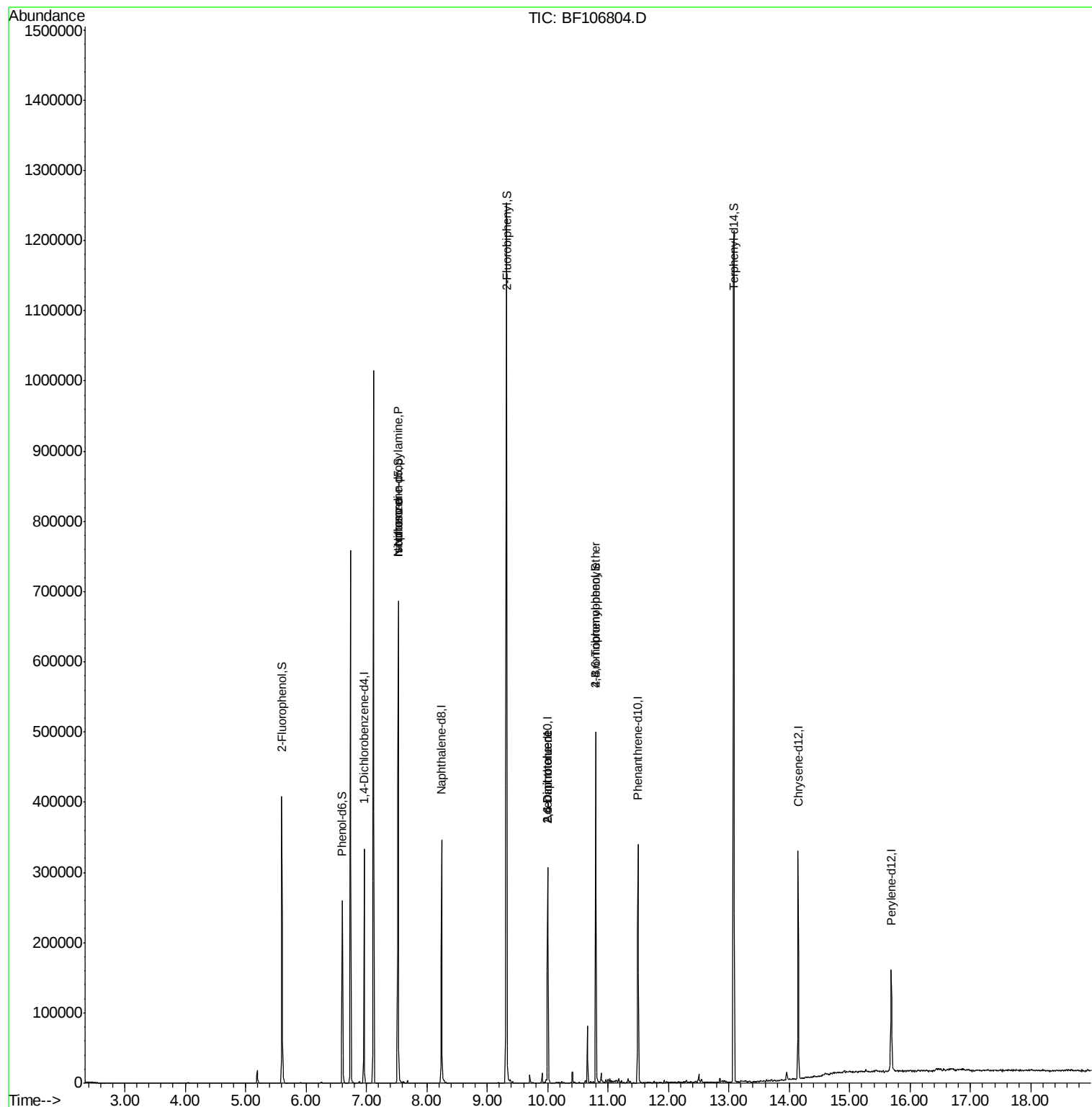
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44890	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	154573	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	65610	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	126090	20.00	ng	0.00
75) Chrysene-d12	14.15	240	118713	20.00	ng	-0.02
86) Perylene-d12	15.69	264	81492	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	109511	41.31	ng	0.00
7) Phenol-d6	6.60	99	92950	28.08	ng	-0.01
23) Nitrobenzene-d5	7.52	82	246220	88.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	69574	91.49	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	431279	116.78	ng	0.00
78) Terphenyl-d14	13.08	244	484593	98.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31618	14.489	ng	# 73
25) Isophorone	7.52	82	246218	50.236	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8254	7.921	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8254	6.069	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4151	2.758	ng	# 1

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

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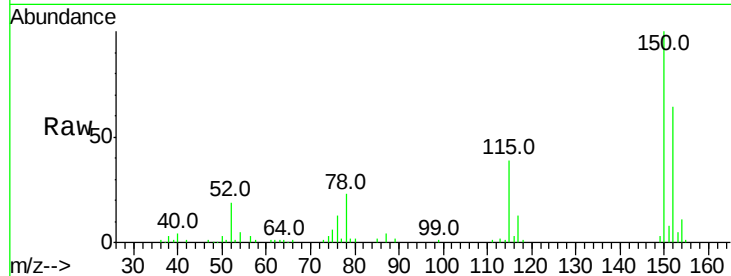


#1

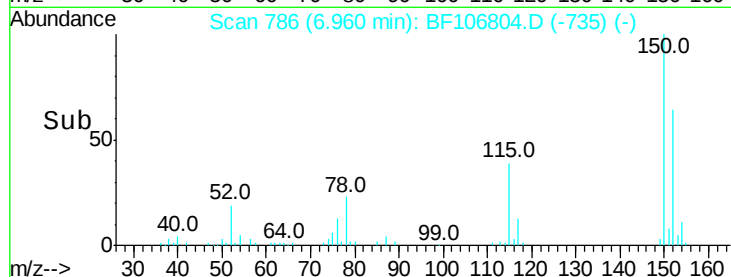
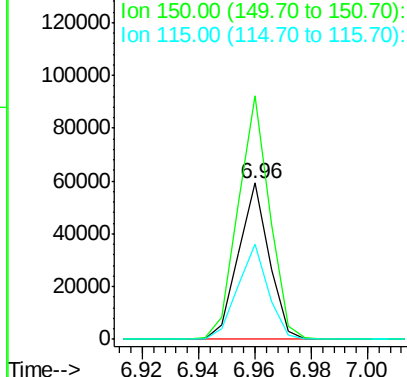
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106804.D
Acq: 26 Jun 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44890
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.0 50.1 75.1



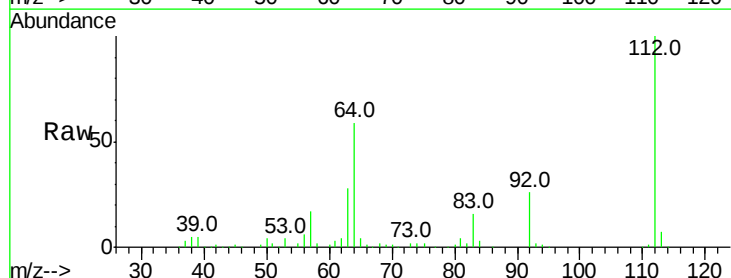
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



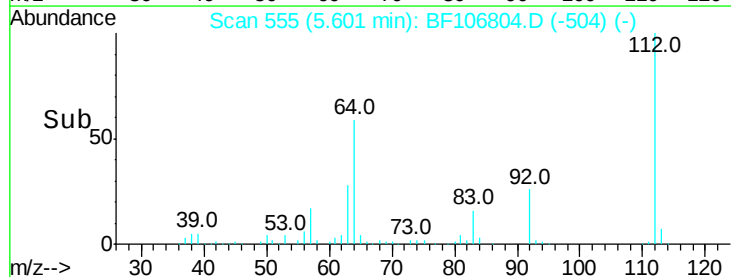
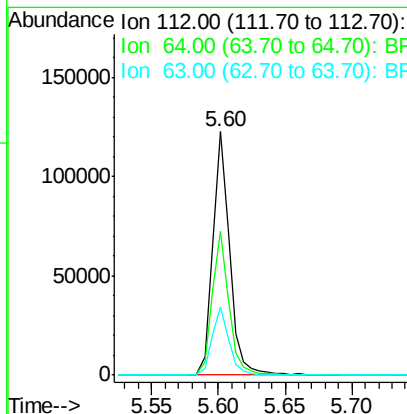
#5

2-Fluorophenol
Concen: 41.309 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106804.D
Acq: 26 Jun 2018 6:25

Tgt Ion:112 Resp: 109511
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 28.0 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: 28.077 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Instrument :

BNA_F

ClientSampleId :

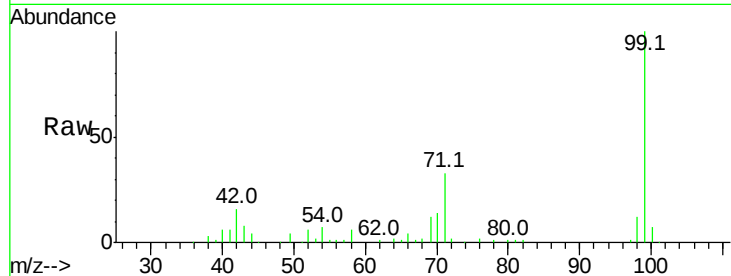
Tot Ion: 99 Resp: 92950

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

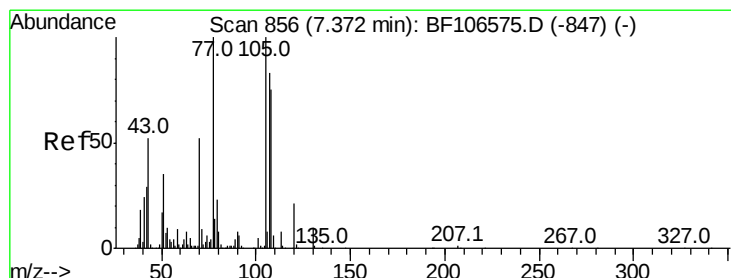
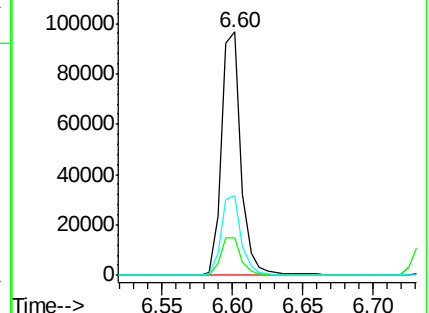
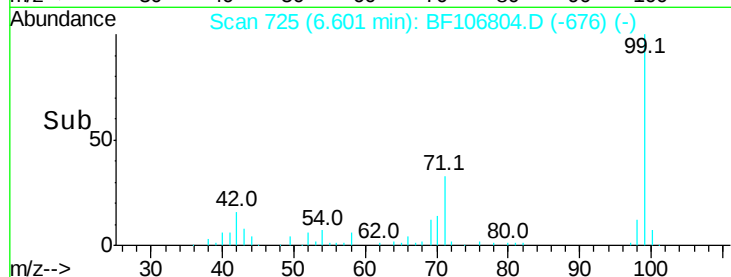
71 32.5 25.4 38.0



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: 14.489 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Tgt Ion: 70 Resp: 31618

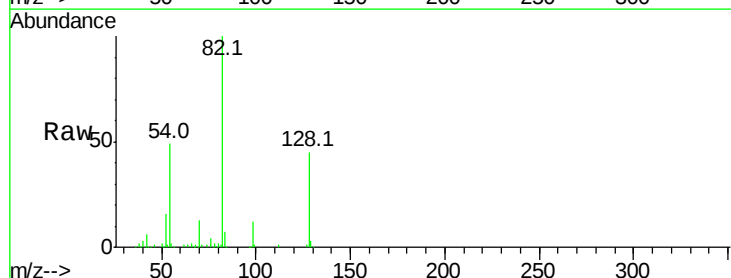
Ion Ratio Lower Upper

70 100

42 42.1 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

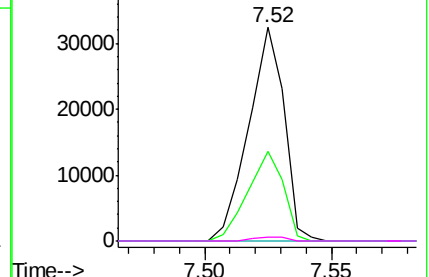
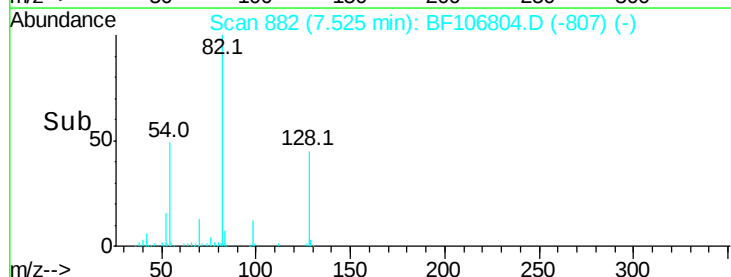


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106804.D

Acq: 26 Jun 2018 6:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 154573

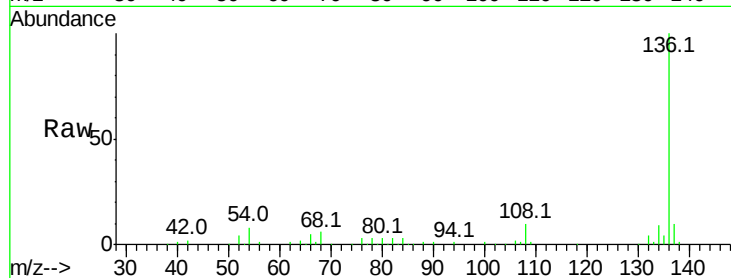
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

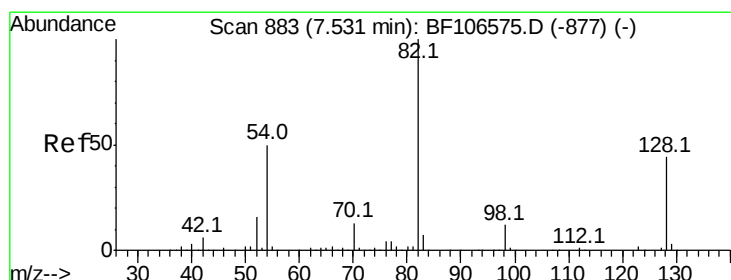
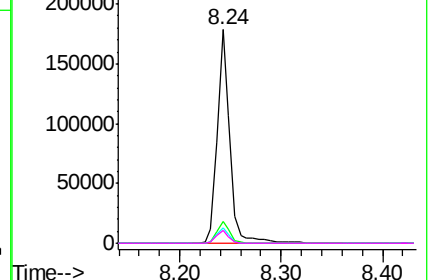
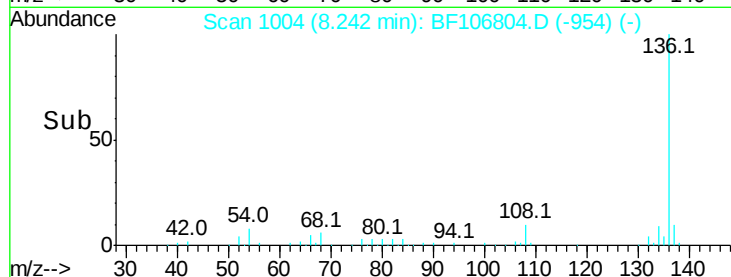


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.523 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

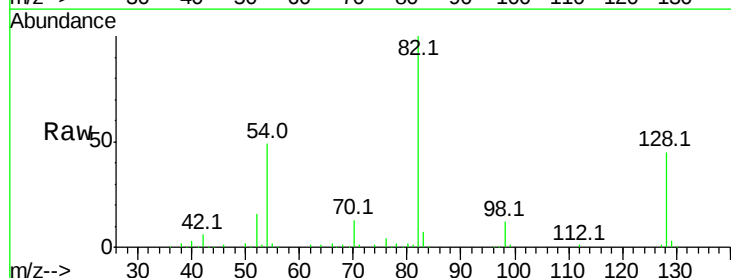
Tgt Ion: 82 Resp: 246220

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

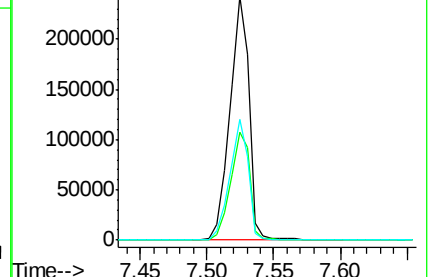
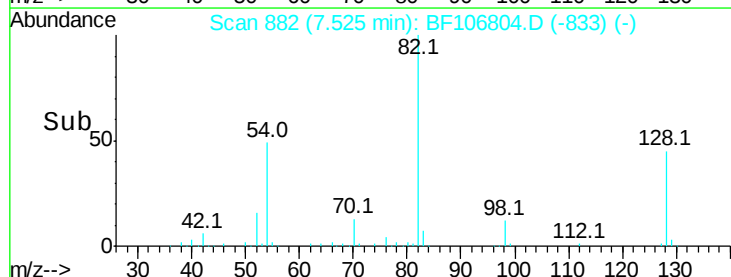
54 49.4 41.4 62.2

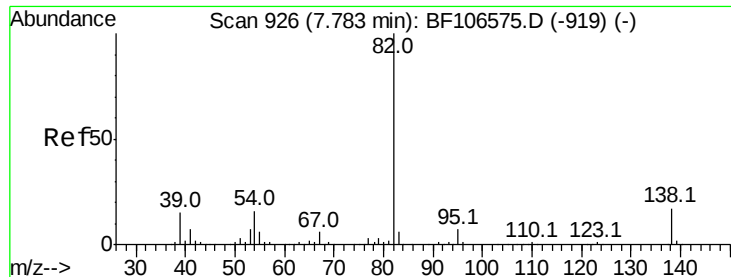


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.236 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Instrument :

BNA_F

ClientSampleId :

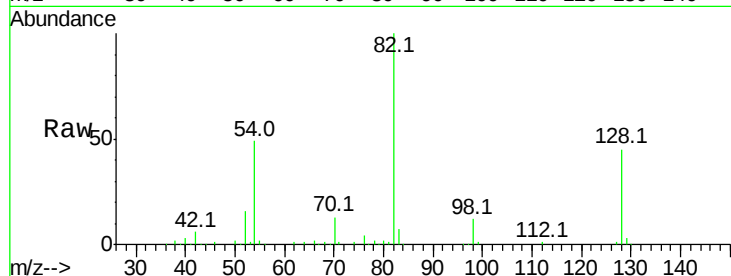
Tot Ion: 82 Resp: 246218

Ion Ratio Lower Upper

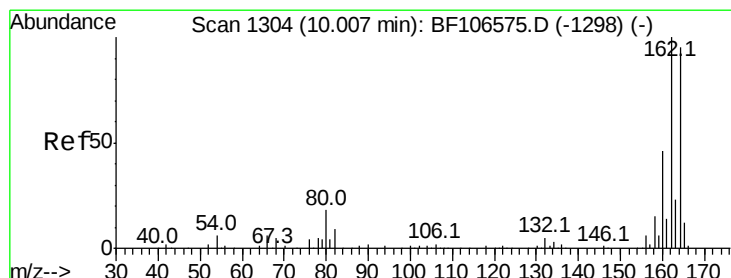
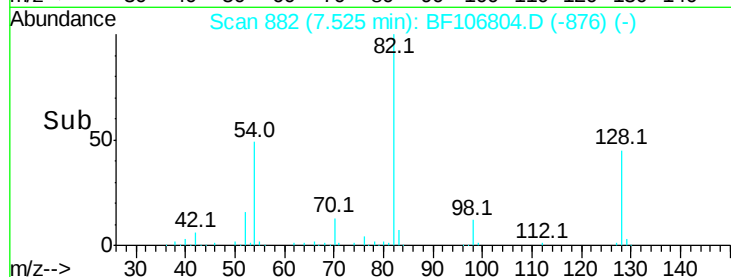
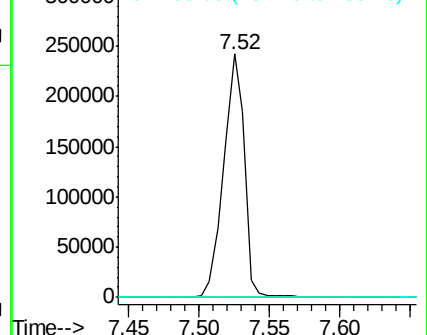
82 100

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: BF106804.D

Acq: 26 Jun 2018 6:25

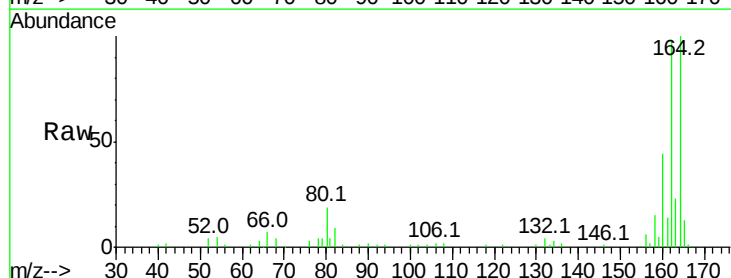
Tgt Ion:164 Resp: 65610

Ion Ratio Lower Upper

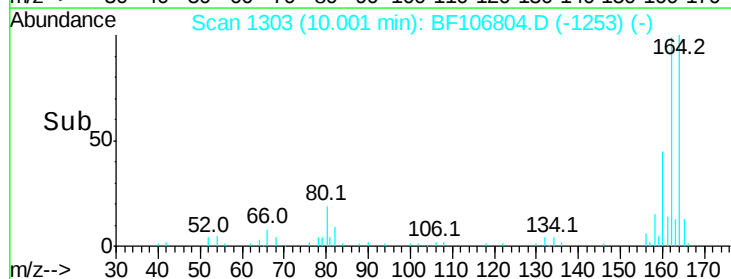
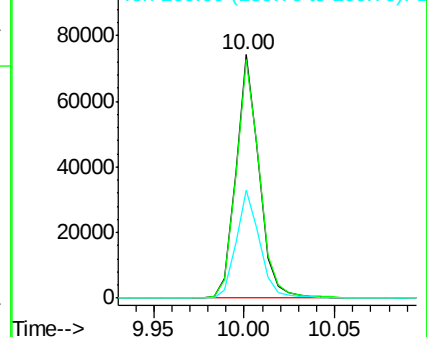
164 100

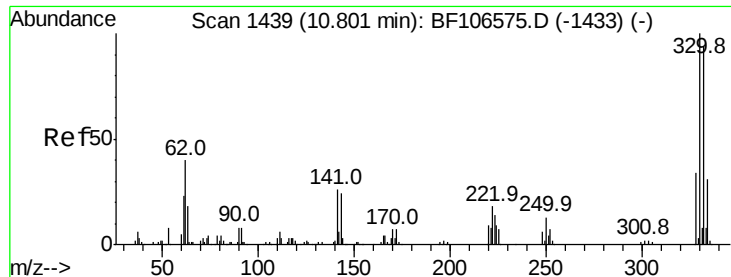
162 97.7 86.1 129.1

160 44.2 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

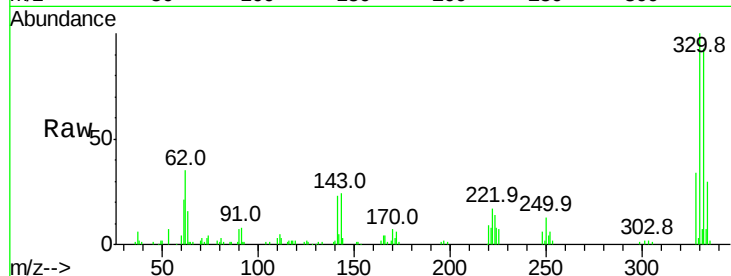




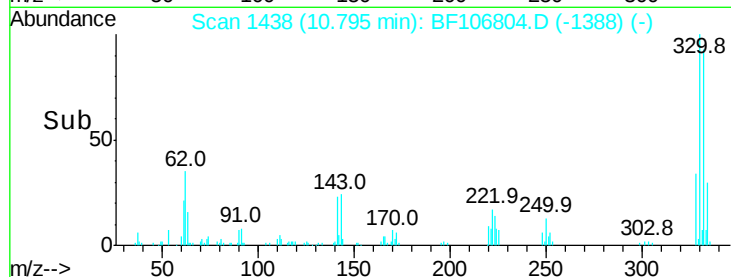
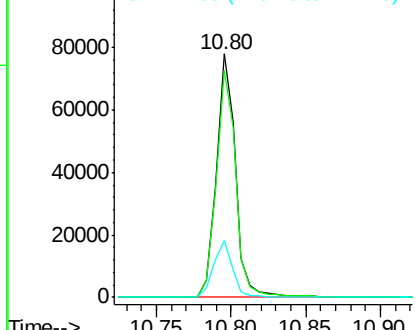
#41
 2,4,6-Tribromophenol
 Concen: 91.492 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 69574
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 22.8 29.9 44.9#

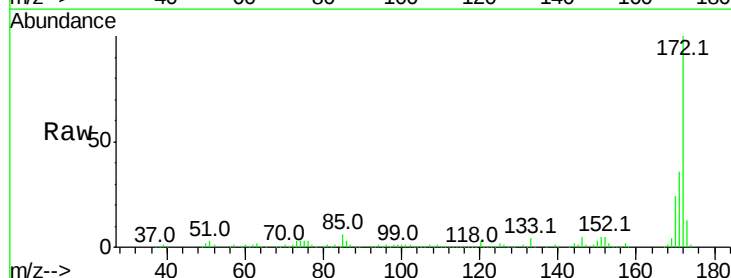


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

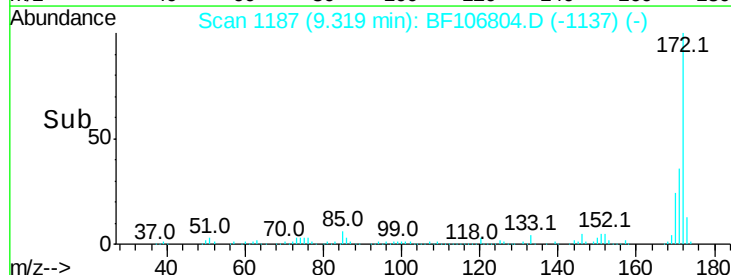
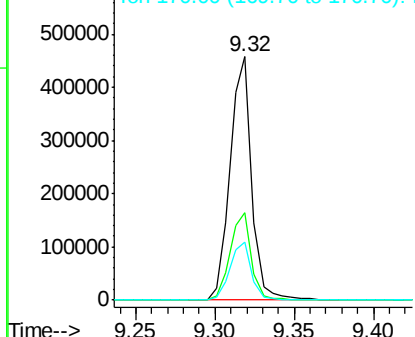


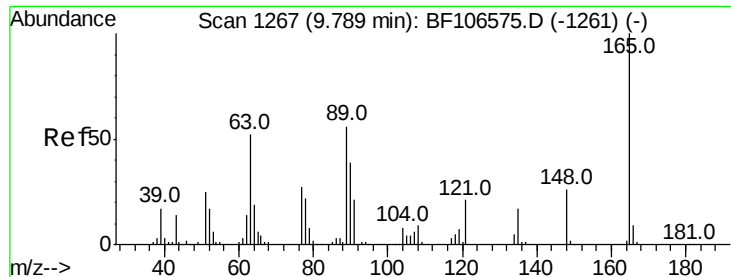
#44
 2-Fluorobiphenyl
 Concen: 116.777 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Tgt Ion:172 Resp: 431279
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.9 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

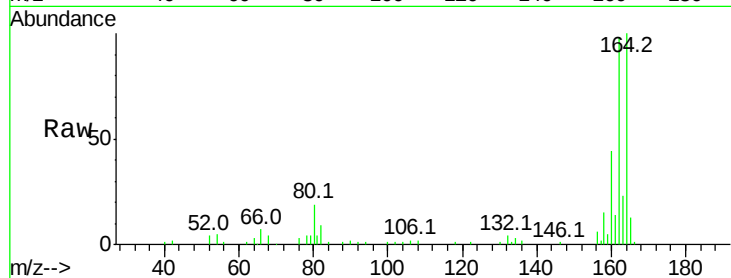




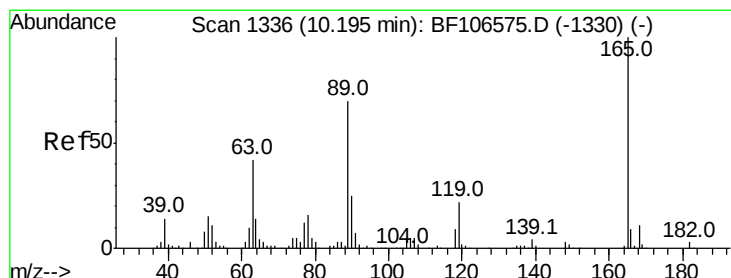
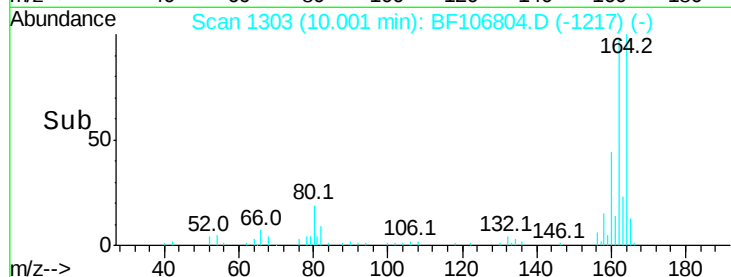
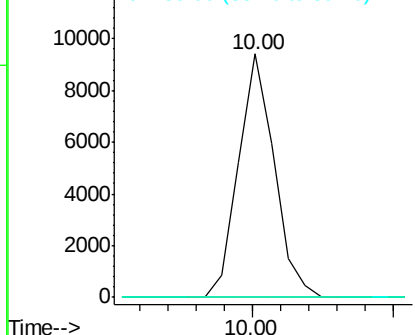
#50
2,6-Dinitrotoluene
Concen: 7.921 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106804.D
Acq: 26 Jun 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 8254
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

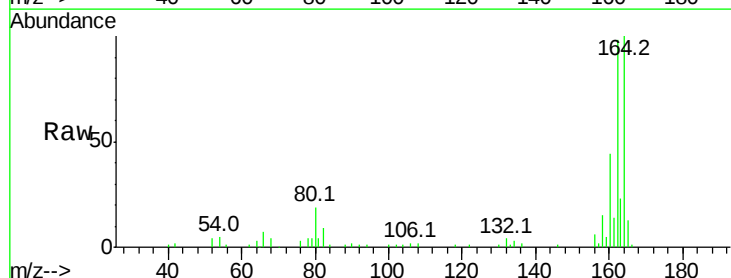


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

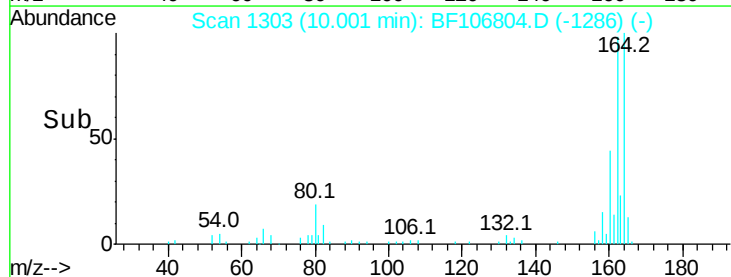
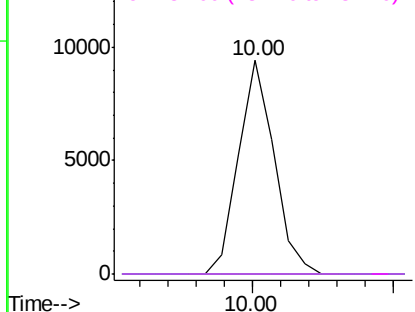


#56
2,4-Dinitrotoluene
Concen: 6.069 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106804.D
Acq: 26 Jun 2018 6:25

Tgt Ion:165 Resp: 8254
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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

Instrument :

BNA_F

ClientSampleId :

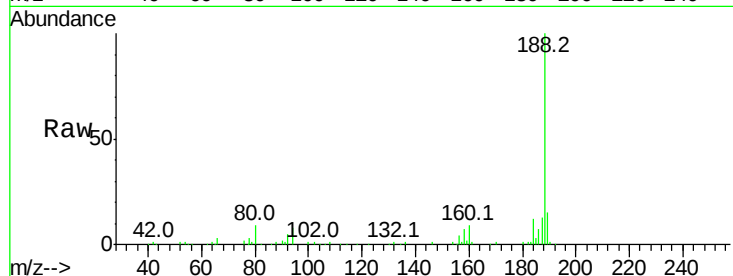
Tot Ion:188 Resp: 126090

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

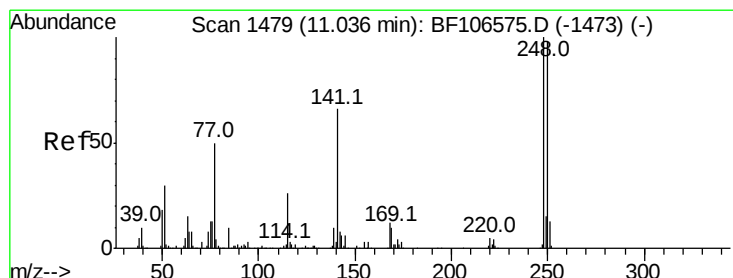
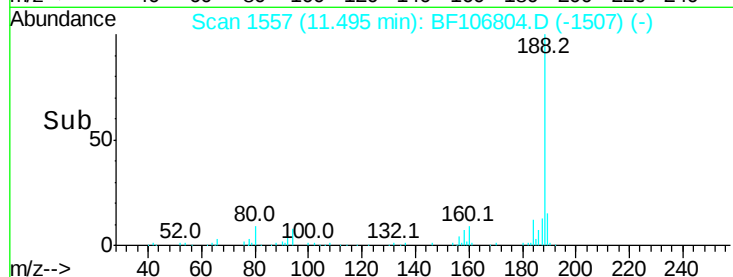
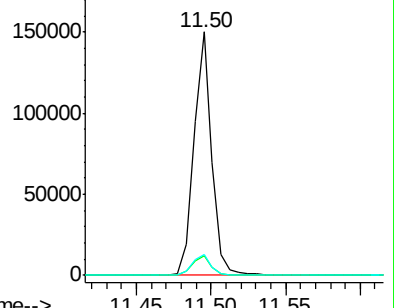
80 8.7 9.2 13.8#



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: 2.758 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106804.D

Acq: 26 Jun 2018 6:25

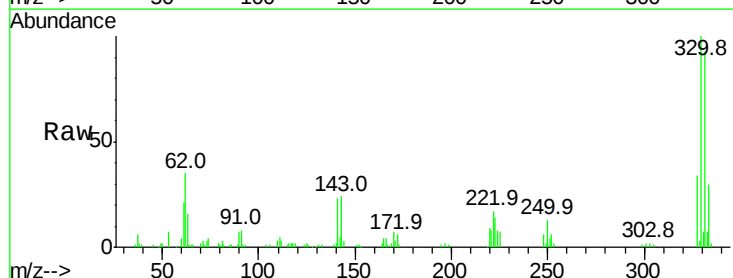
Tgt Ion:248 Resp: 4151

Ion Ratio Lower Upper

248 100

250 207.3 76.9 115.3#

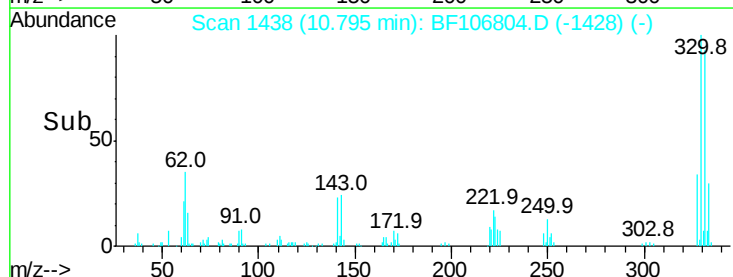
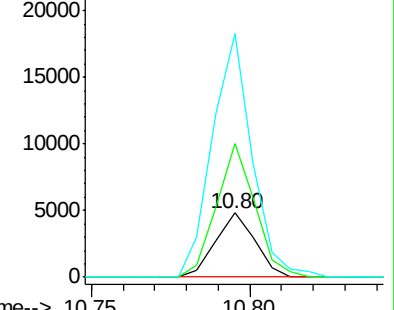
141 378.7 74.4 111.6#

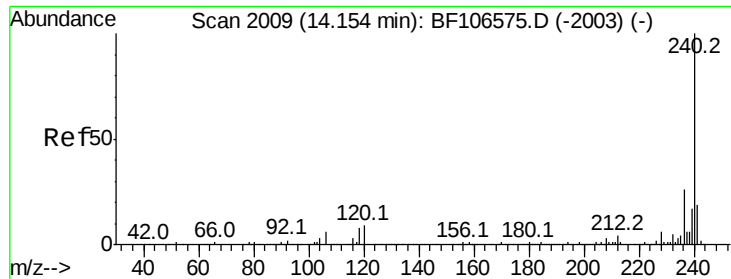


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

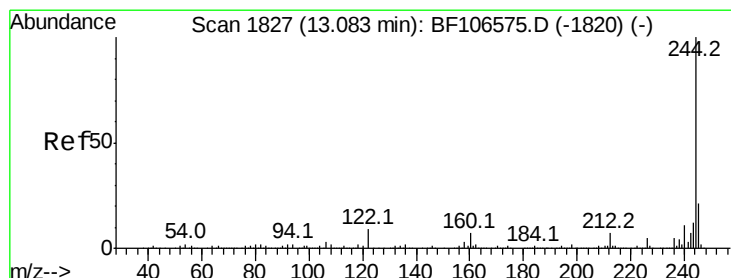
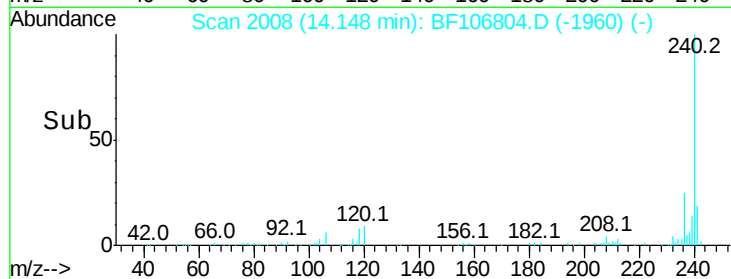
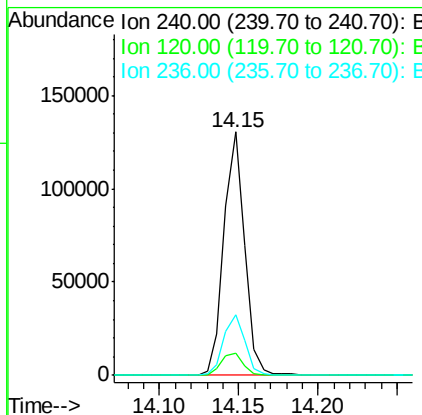
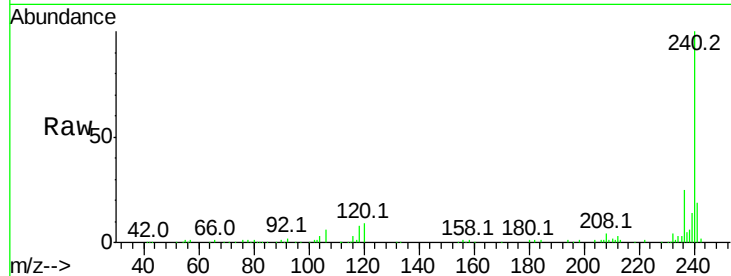




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

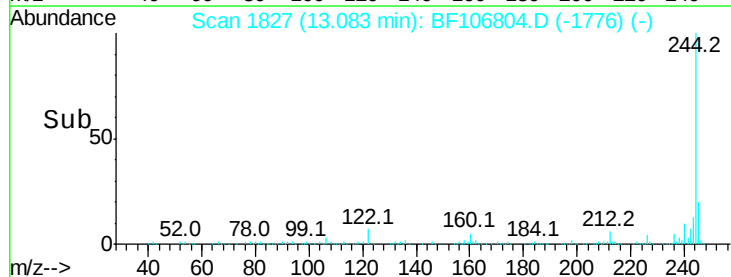
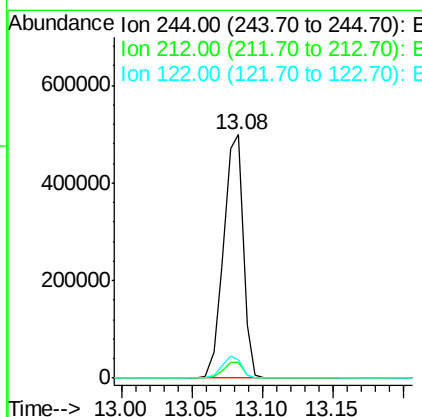
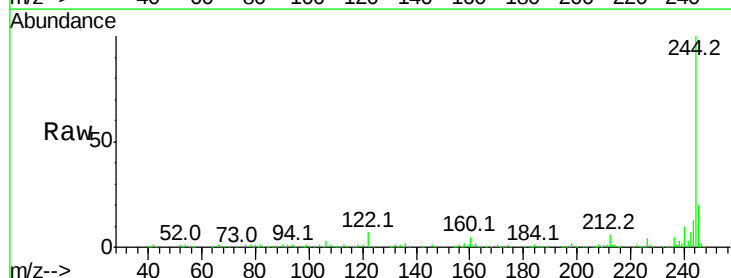
Instrument :
 BNA_F
 ClientSampleId :

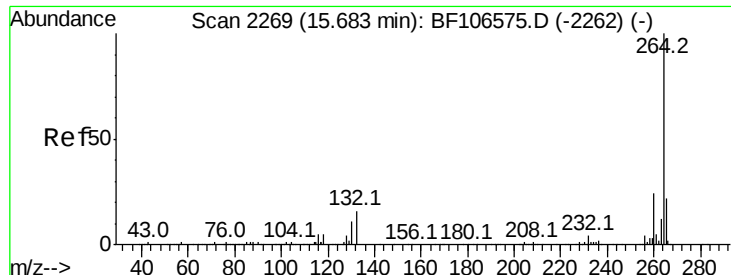
Tot Ion:240 Resp: 118713
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 98.880 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Tgt Ion:244 Resp: 484593
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.5 11.0 16.4#

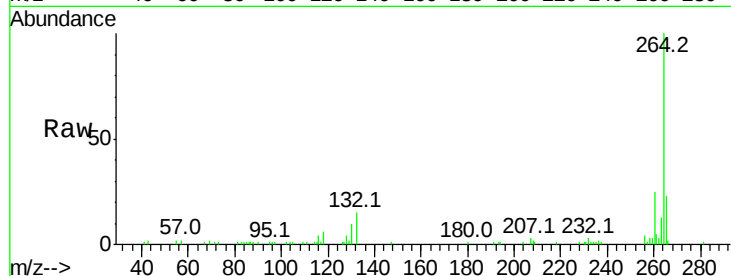




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106804.D
 Acq: 26 Jun 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	81492
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.5	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

