

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106708.D
 Acq On : 22 Jun 2018 14:49
 Operator : JU/SJ
 Sample : J3602-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 15:13:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

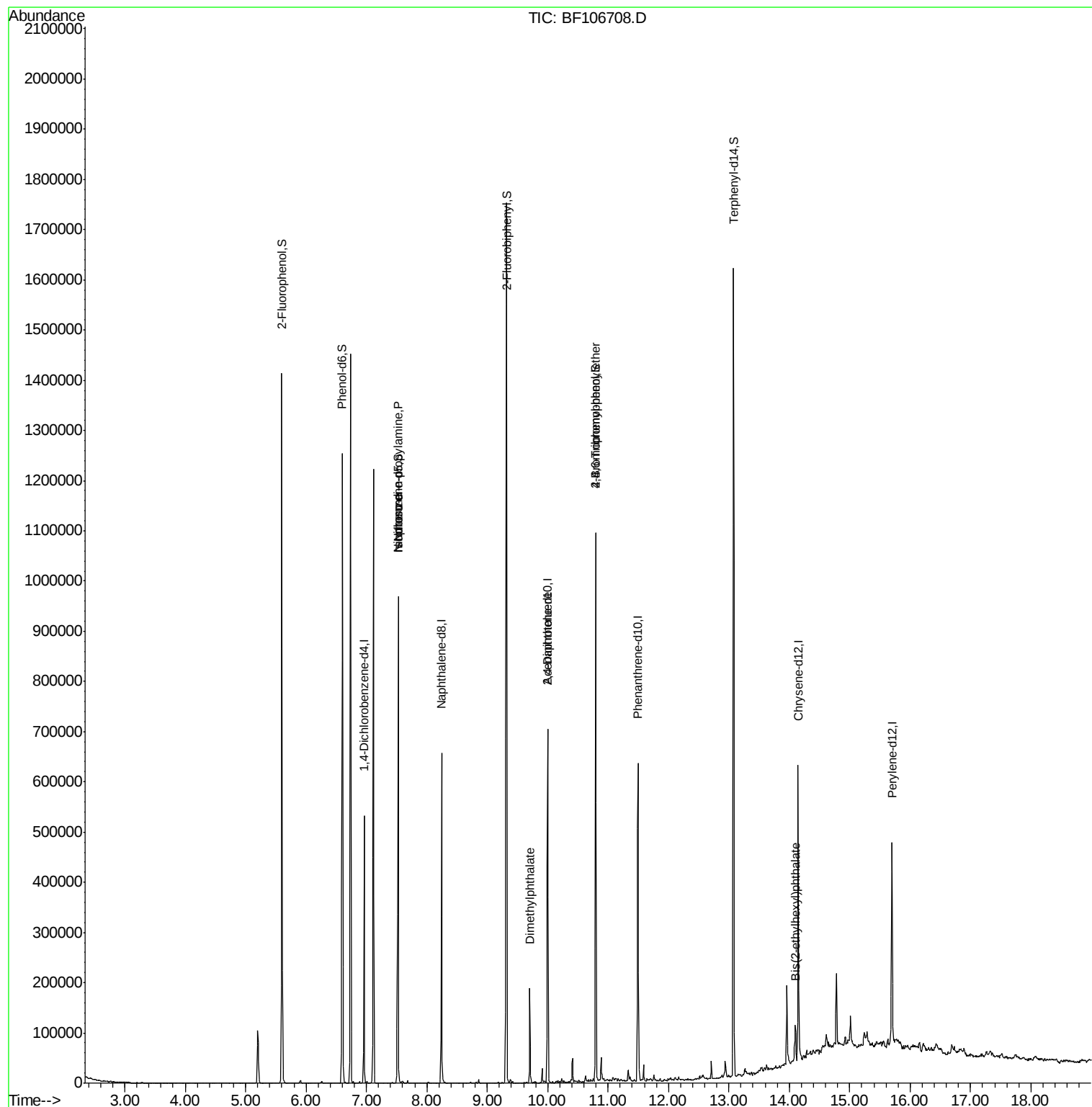
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	73088	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	279035	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	135977	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	234815	20.00	ng	0.00
75) Chrysene-d12	14.15	240	213052	20.00	ng	0.00
86) Perylene-d12	15.70	264	205441	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	406007	94.06	ng	0.00
7) Phenol-d6	6.60	99	516846	95.89	ng	0.00
23) Nitrobenzene-d5	7.52	82	333046	66.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	155860	98.90	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	596189	71.95	ng	0.00
78) Terphenyl-d14	13.08	244	593352	67.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	43861	12.345	ng	# 73
25) Isophorone	7.52	82	333041	37.641	ng	# 64
49) Dimethylphthalate	9.71	163	71232	6.985	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	17021	6.038	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	9590	3.422	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.10	149	35190	4.765	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106708.D
Acq On : 22 Jun 2018 14:49
Operator : JU/SJ
Sample : J3602-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 15:13:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration



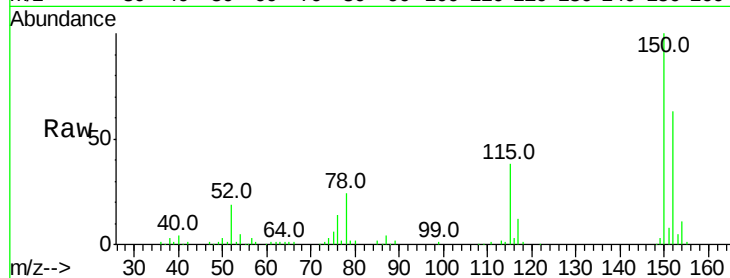


#1

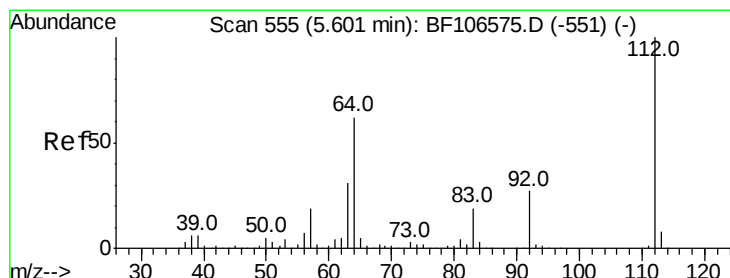
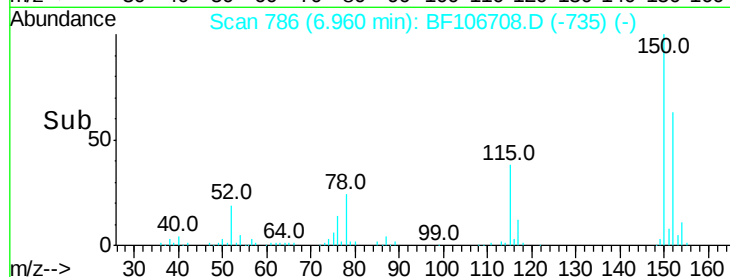
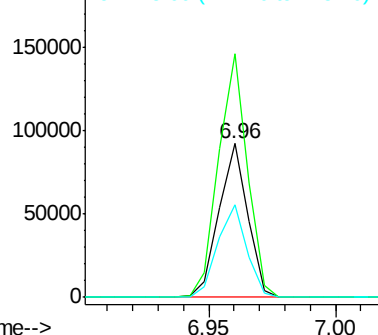
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106708.D
Acq: 22 Jun 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73088
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.4 50.1 75.1



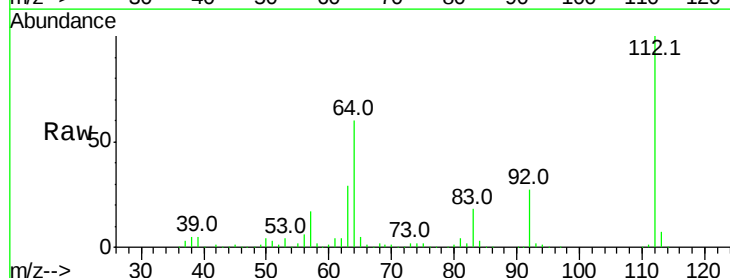
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



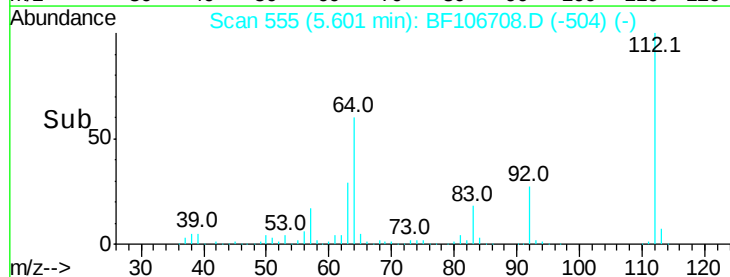
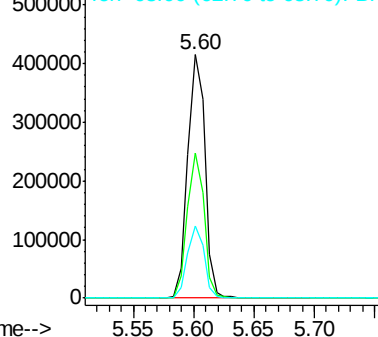
#5

2-Fluorophenol
Concen: 94.065 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106708.D
Acq: 22 Jun 2018 14:49

Tgt Ion:112 Resp: 406007
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 29.4 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: 95.887 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

Instrument :

BNA_F

ClientSampleId :

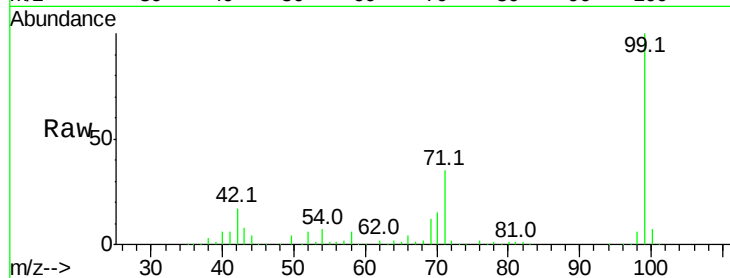
Tot Ion: 99 Resp: 516846

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

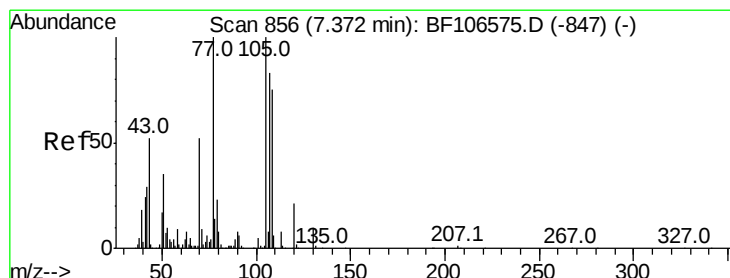
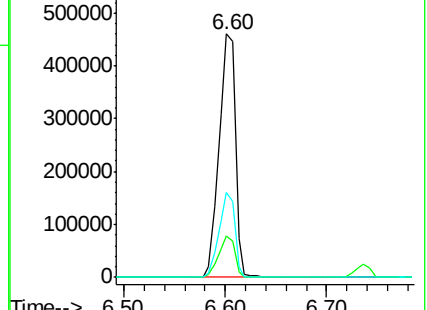
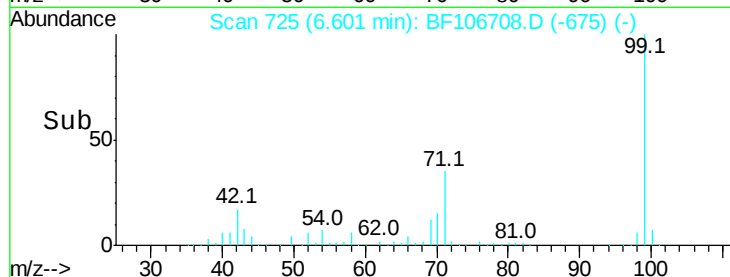
71 34.7 25.4 38.0



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: 12.345 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

Tgt Ion: 70 Resp: 43861

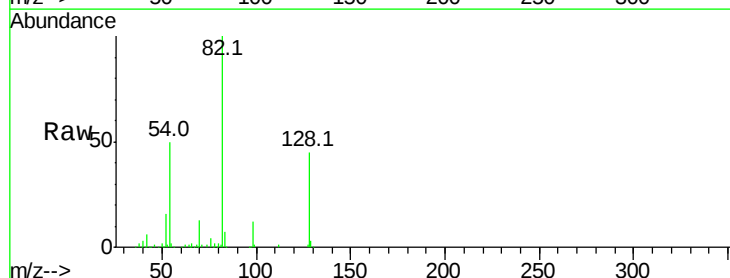
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

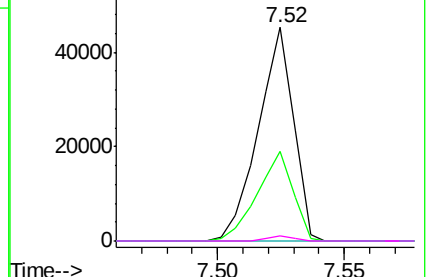
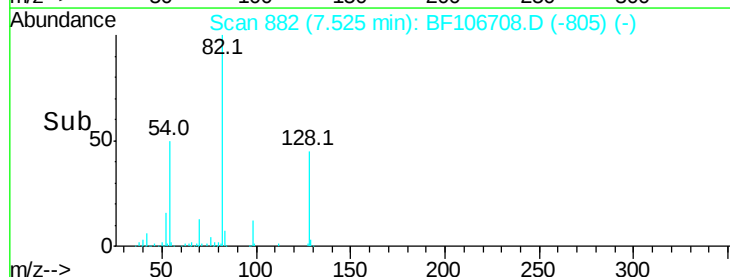


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

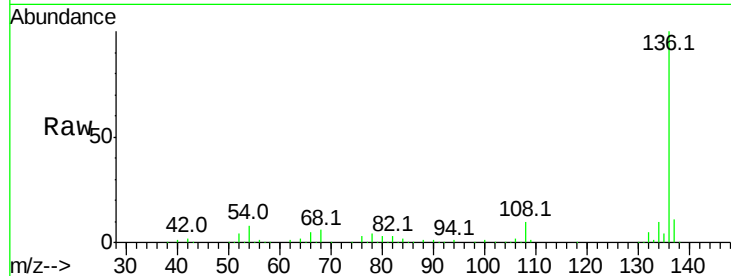




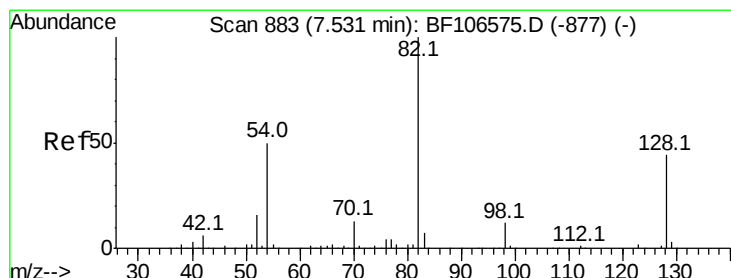
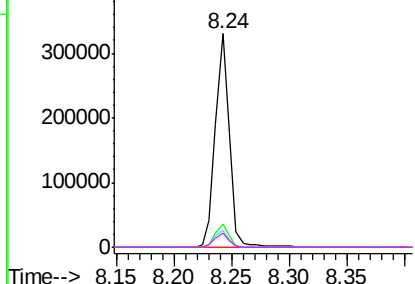
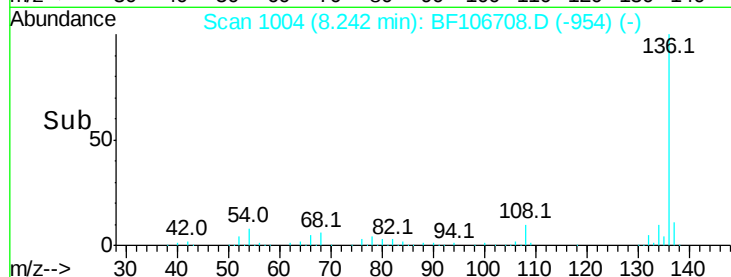
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106708.D
Acq: 22 Jun 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	279035
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.9	6.6 9.8
68	6.5	5.0 7.4

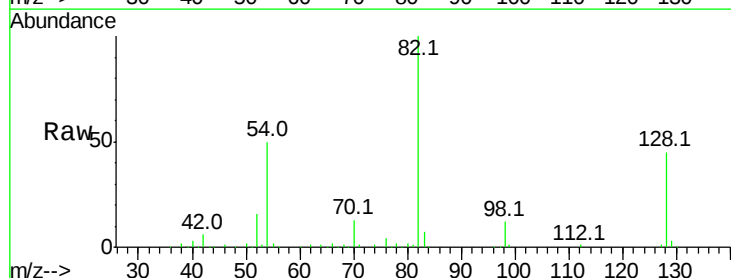


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

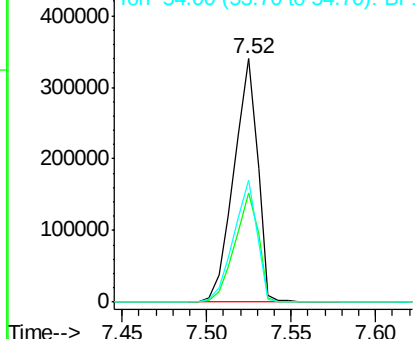
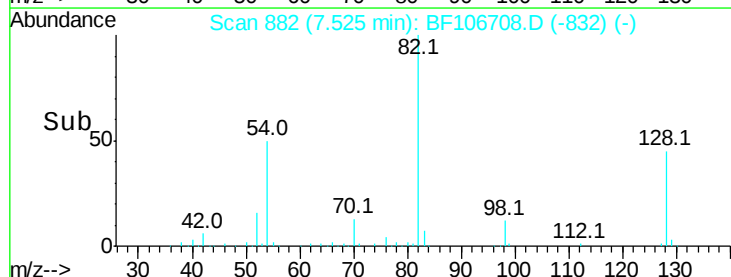


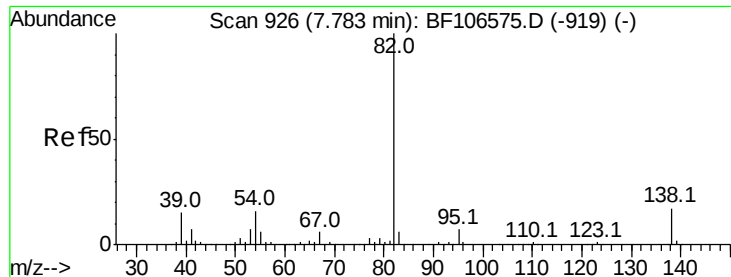
#23
Nitrobenzene-d5
Concen: 66.331 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106708.D
Acq: 22 Jun 2018 14:49

Tgt Ion: 82	Resp:	333046
Ion	Ratio	Lower Upper
82	100	
128	45.1	36.1 54.1
54	50.3	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: 37.641 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

Instrument :

BNA_F

ClientSampled :

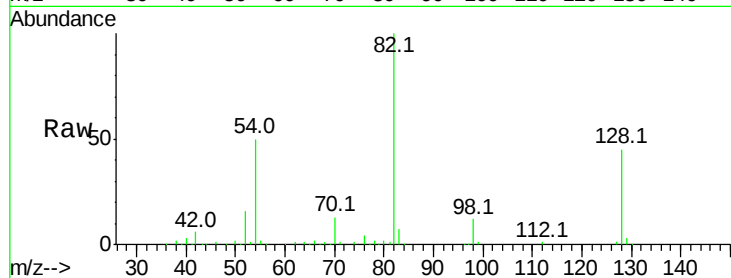
Tot Ion: 82 Resp: 333041

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

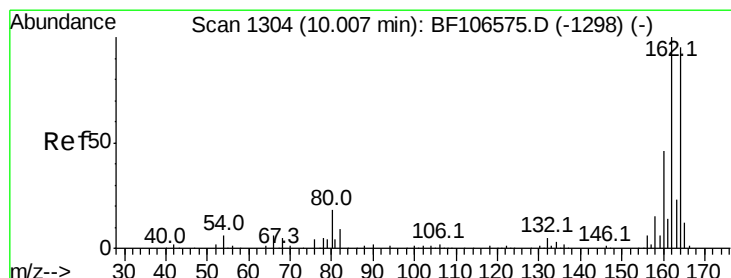
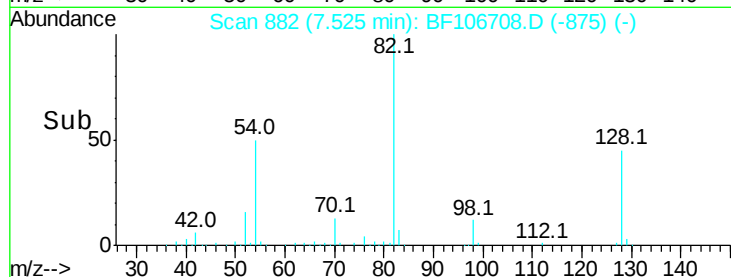
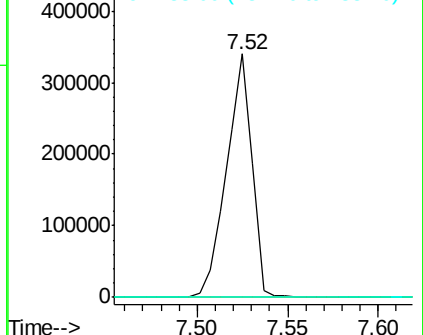
138 0.0 14.9 22.3#



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: BF106708.D

Acq: 22 Jun 2018 14:49

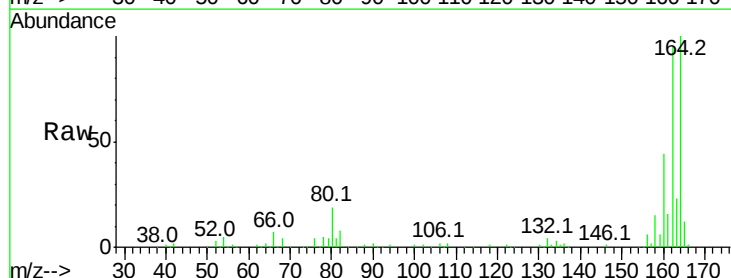
Tgt Ion: 164 Resp: 135977

Ion Ratio Lower Upper

164 100

162 95.3 86.1 129.1

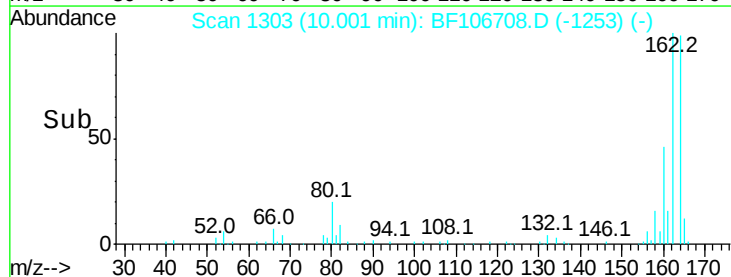
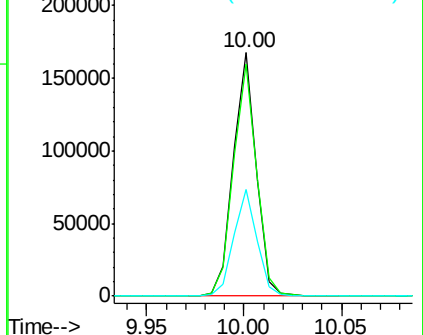
160 43.7 38.3 57.5

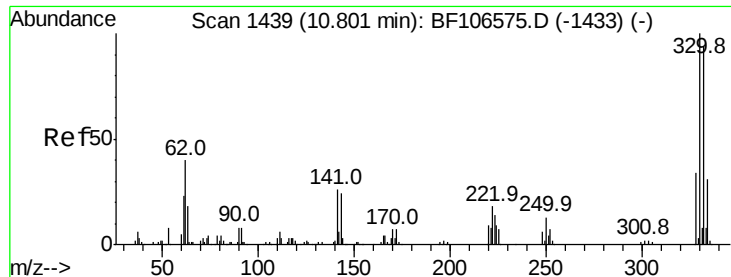


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

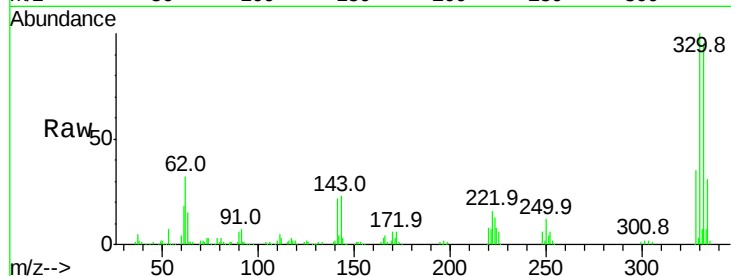




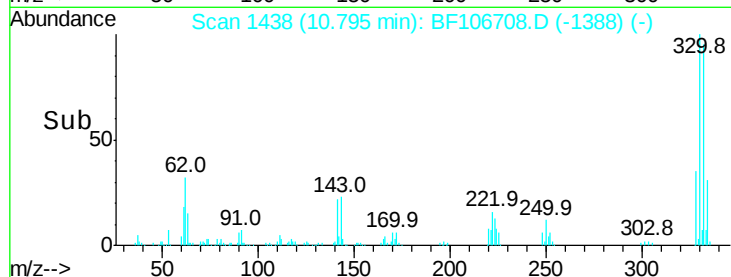
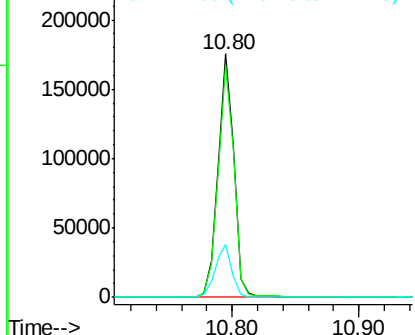
#41
 2,4,6-Tribromophenol
 Concen: 98.895 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106708.D
 Acq: 22 Jun 2018 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 155860
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 22.3 29.9 44.9#

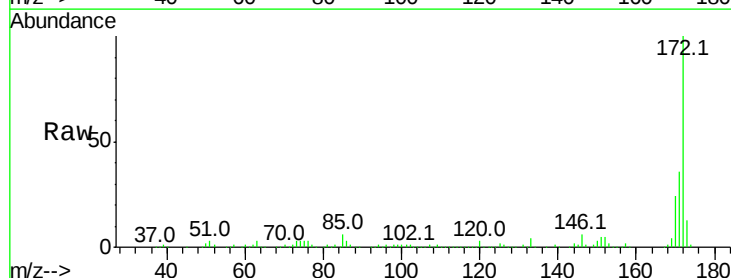


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

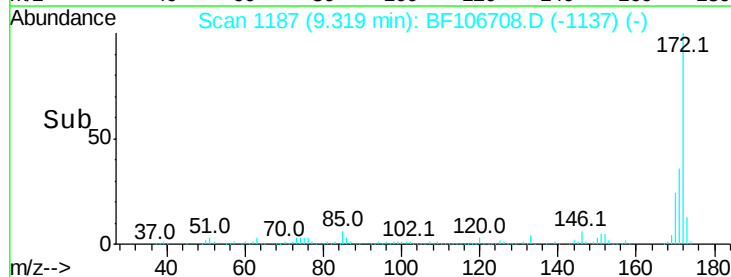
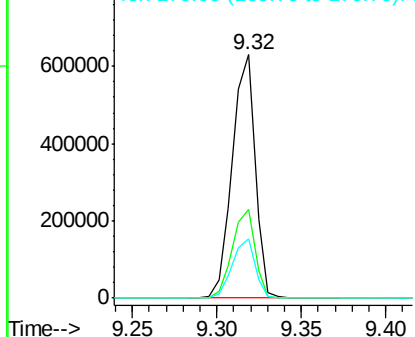


#44
 2-Fluorobiphenyl
 Concen: 71.948 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106708.D
 Acq: 22 Jun 2018 14:49

Tgt Ion:172 Resp: 596189
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.5 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: 6.985 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

Instrument :

BNA_F

ClientSampleId :

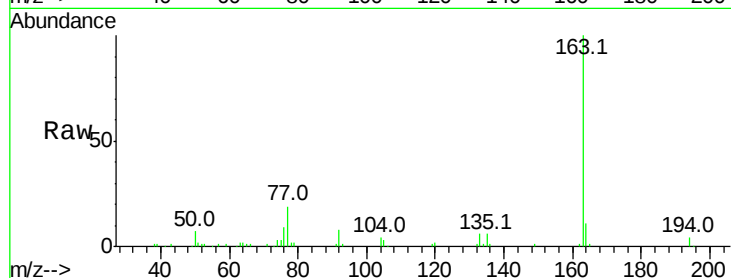
Tot Ion:163 Resp: 71232

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

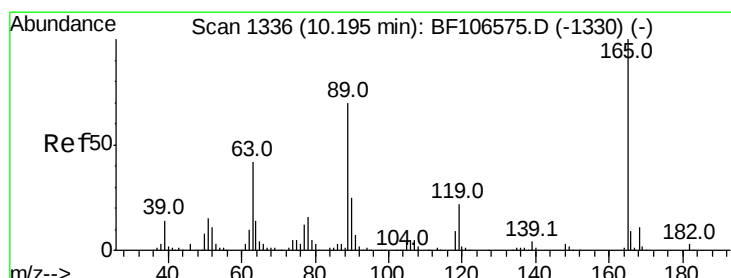
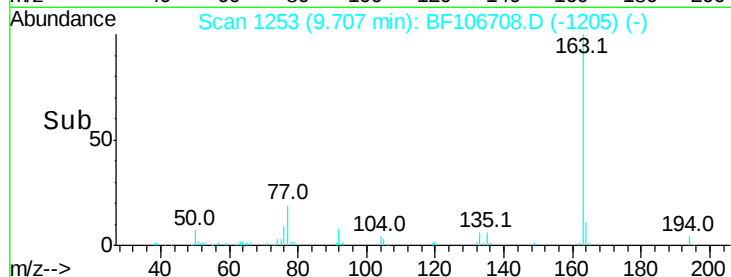
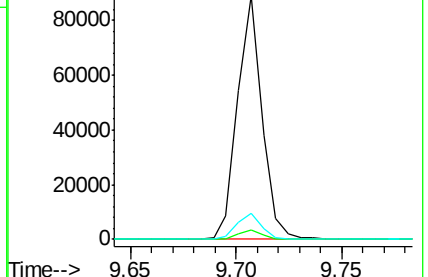
164 10.7 8.2 12.2



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: 6.038 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

Tgt Ion:165 Resp: 17021

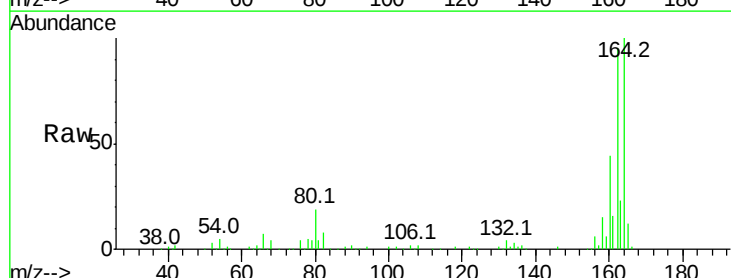
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

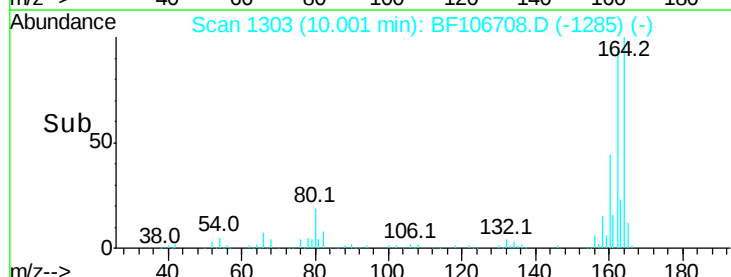
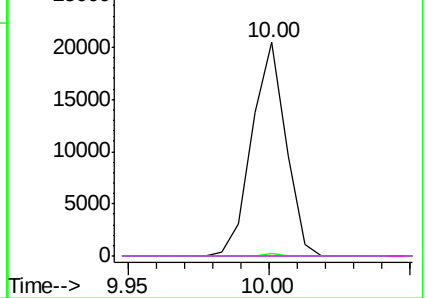


Abundance Ion 165.00 (164.70 to 165.70): E

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

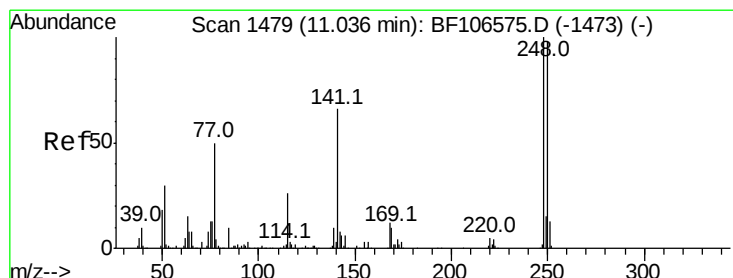
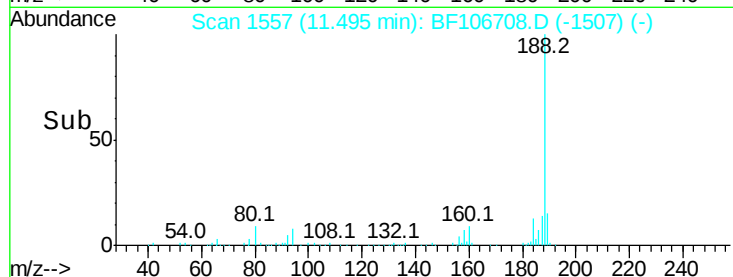
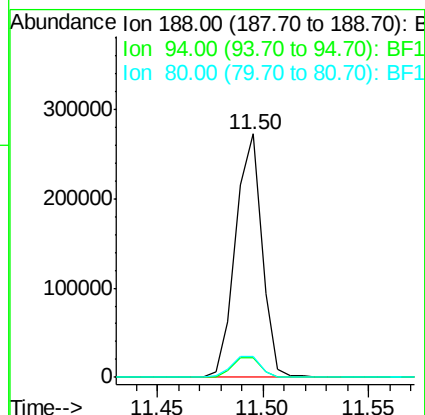
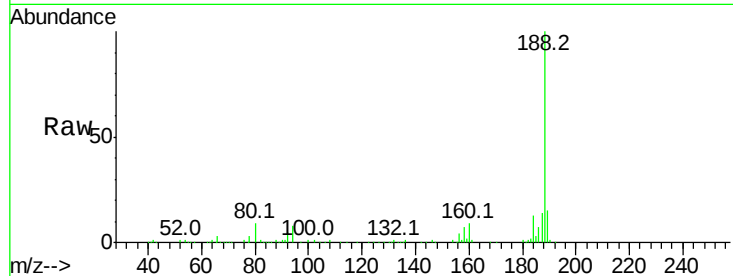




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106708.D
 Acq: 22 Jun 2018 14:49

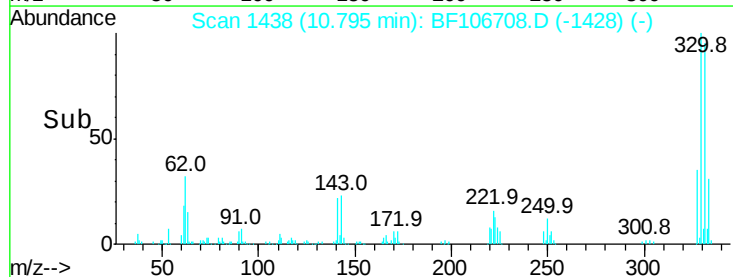
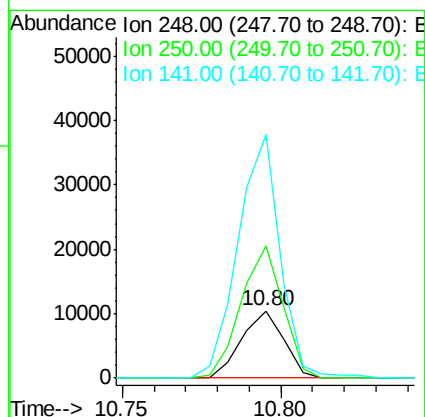
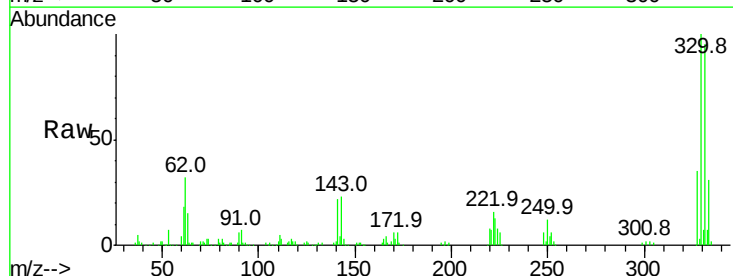
Instrument :
 BNA_F
 ClientSampleId :

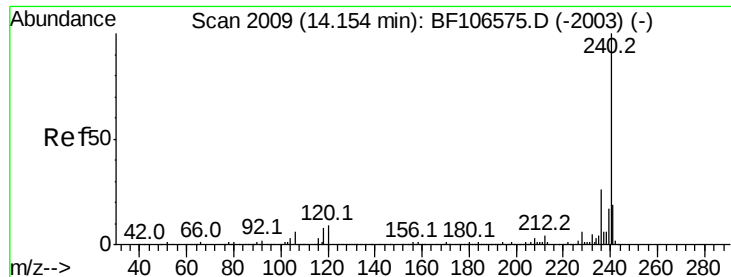
Tot Ion:188 Resp: 234815
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 8.8 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.422 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106708.D
 Acq: 22 Jun 2018 14:49

Tgt Ion:248 Resp: 9590
 Ion Ratio Lower Upper
 248 100
 250 196.9 76.9 115.3#
 141 361.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

Instrument :

BNA_F

ClientSampleId :

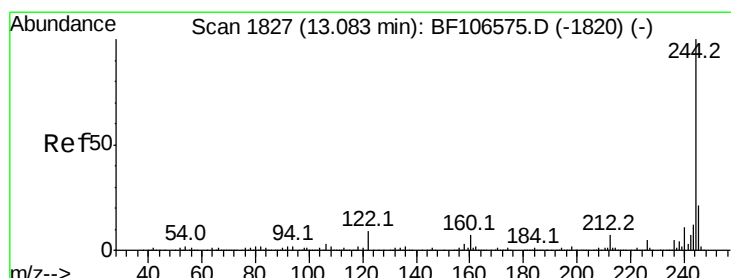
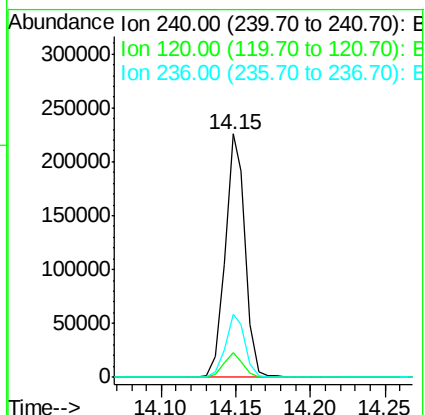
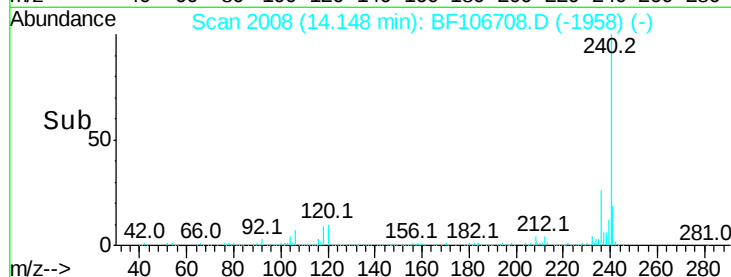
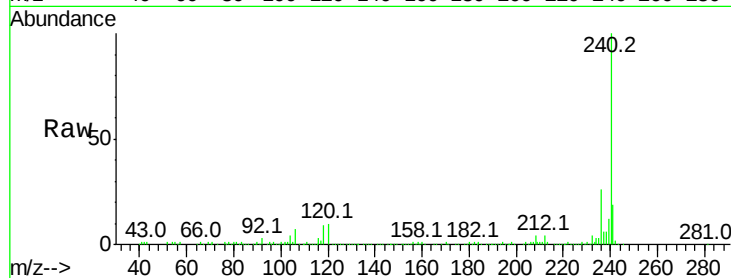
Tot Ion:240 Resp: 213052

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

236 25.7 20.7 31.1



#78

Terphenyl-d14

Concen: 67.461 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

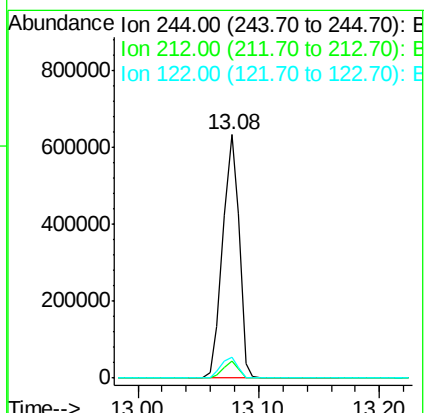
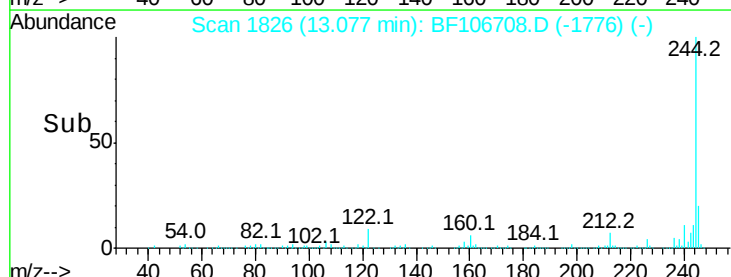
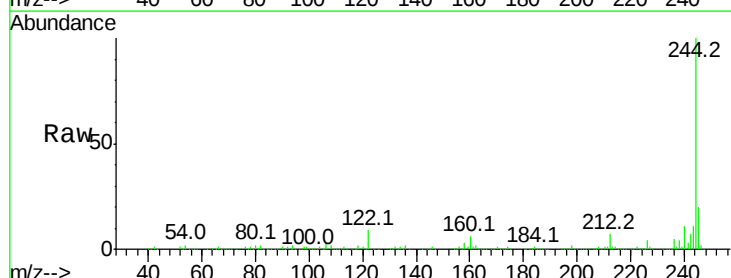
Tgt Ion:244 Resp: 593352

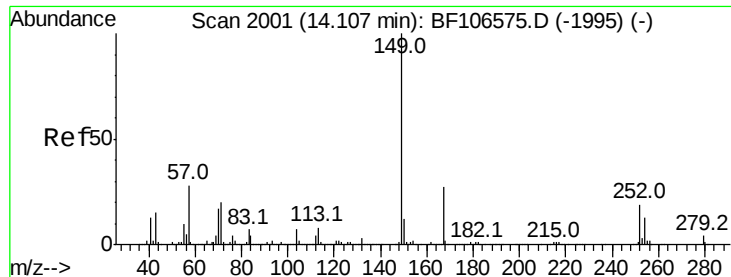
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 8.8 11.0 16.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.765 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

Instrument :

BNA_F

ClientSampleId :

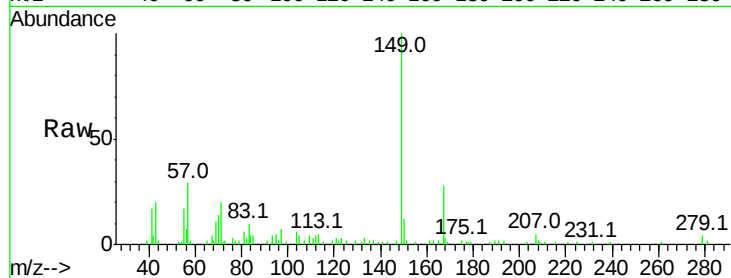
Tot Ion:149 Resp: 35190

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

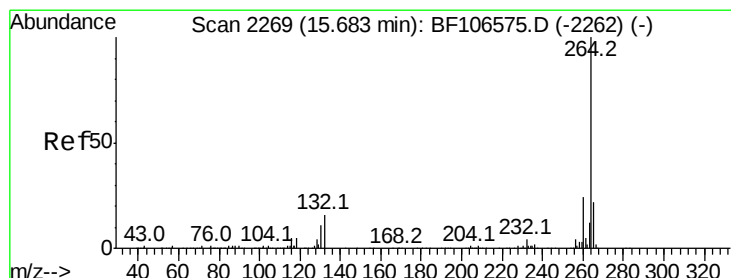
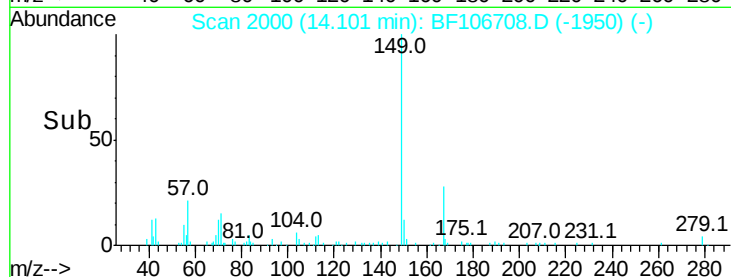
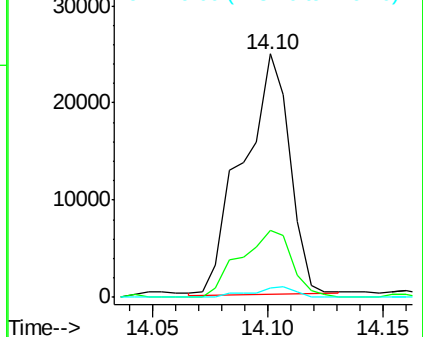
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF106708.D

Acq: 22 Jun 2018 14:49

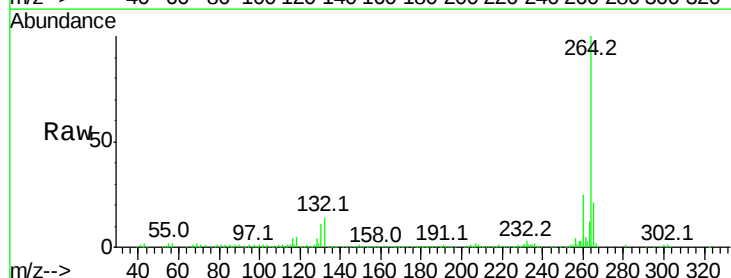
Tgt Ion:264 Resp: 205441

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.1 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

