

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106380.D
 Acq On : 13 Jun 2018 8:25
 Operator : JU/SJ
 Sample : J3396-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-46

Quant Time: Jun 13 10:54:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

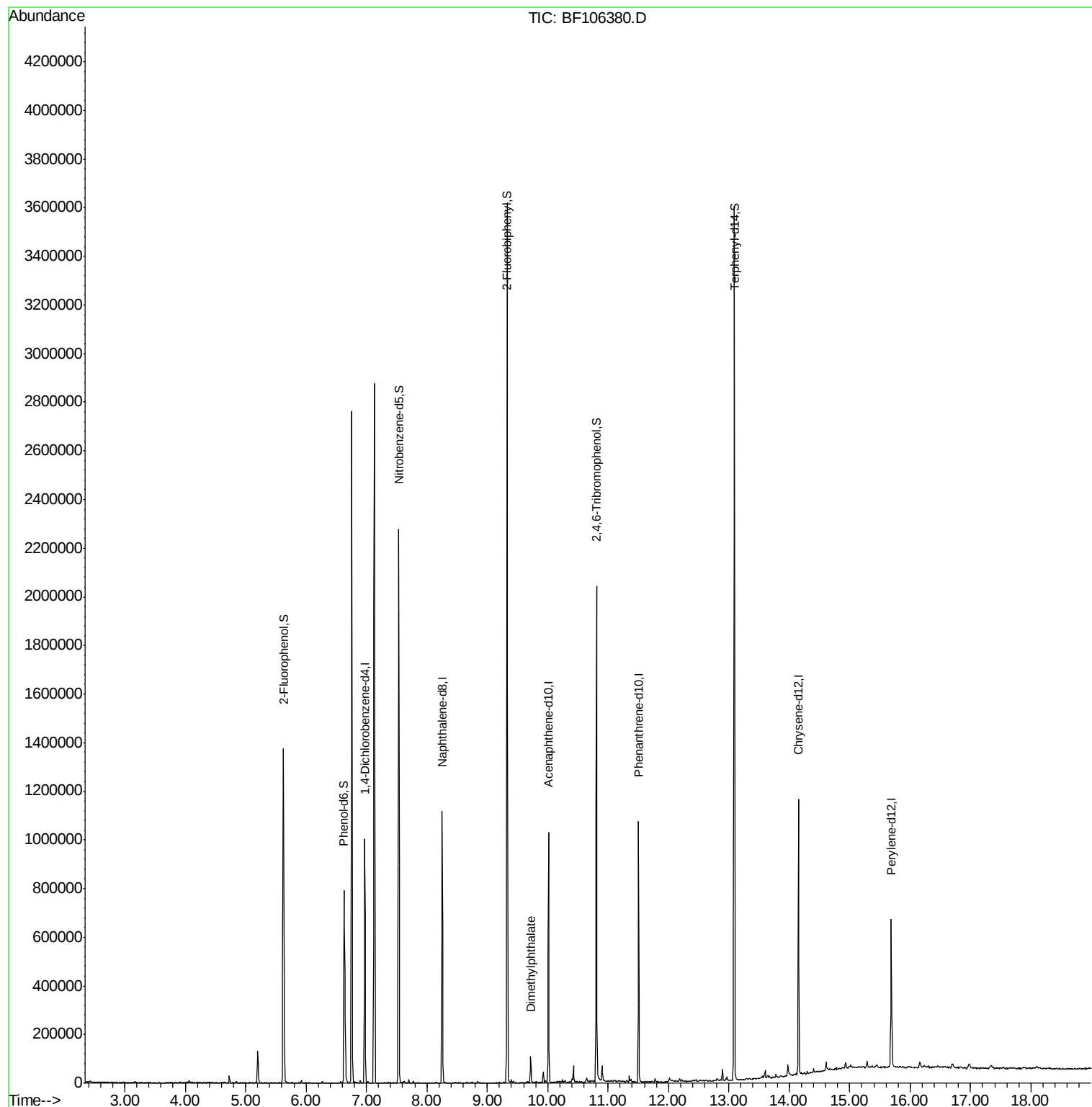
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	129412	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	438794	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	182900	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	375060	20.00	ng	0.00
75) Chrysene-d12	14.15	240	380351	20.00	ng	0.00
86) Perylene-d12	15.69	264	275501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	480507	62.84	ng	0.00
7) Phenol-d6	6.63	99	361054	37.38	ng	0.00
23) Nitrobenzene-d5	7.54	82	717350	96.17	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	259776	147.62	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1116264	124.99	ng	0.00
78) Terphenyl-d14	13.09	244	1382152	90.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	34189	2.616	ng	Qvalue 98

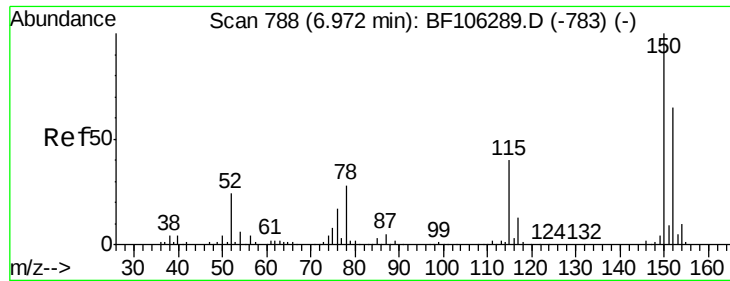
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

Instrument :

BNA_F

ClientSampleId :

W-46

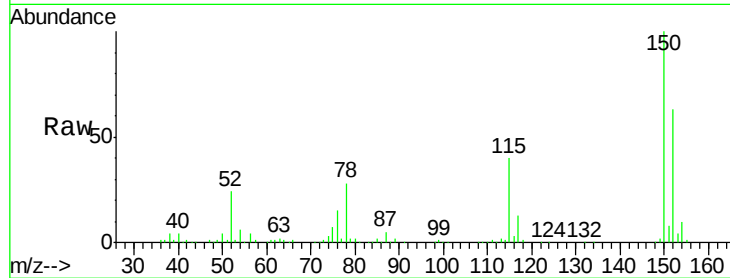
Tot Ion:152 Resp: 129412

Ion Ratio Lower Upper

152 100

150 159.0 124.6 186.8

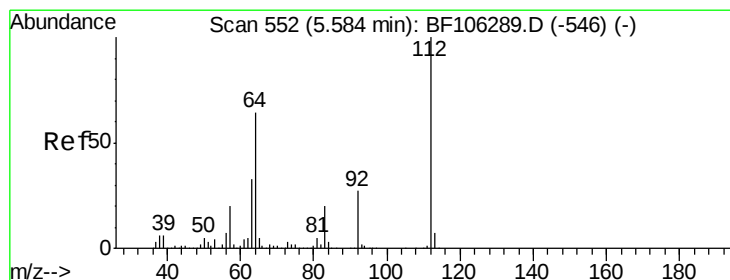
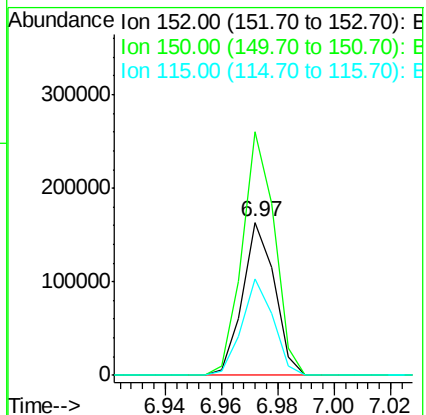
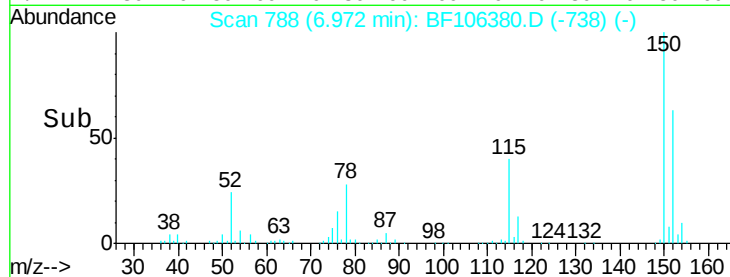
115 63.0 50.1 75.1



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: 62.843 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

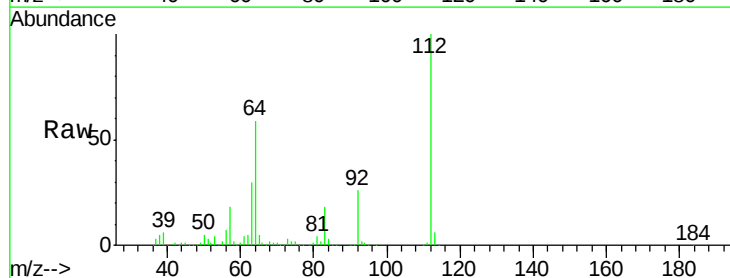
Tgt Ion:112 Resp: 480507

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

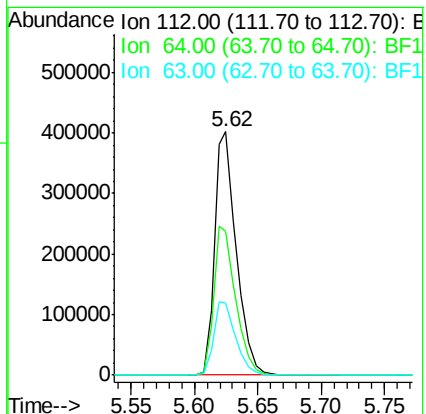
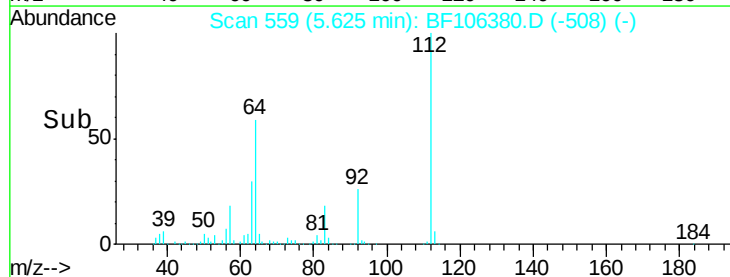
63 29.7 23.7 35.5



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: 37.375 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

Instrument :

BNA_F

ClientSampleId :

W-46

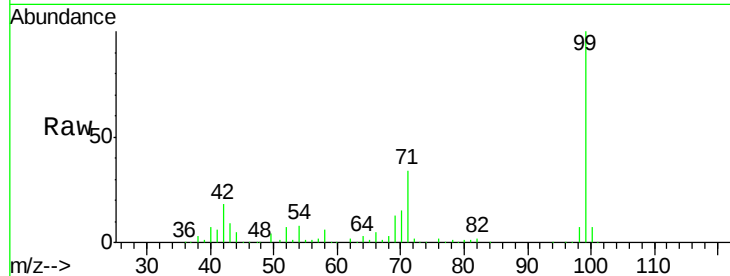
Tot Ion: 99 Resp: 361054

Ion Ratio Lower Upper

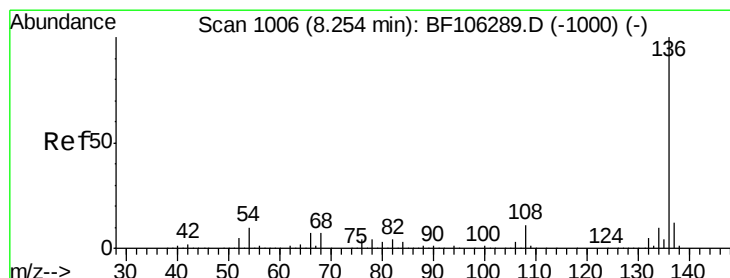
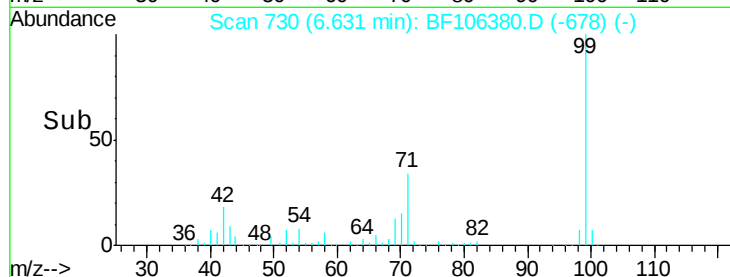
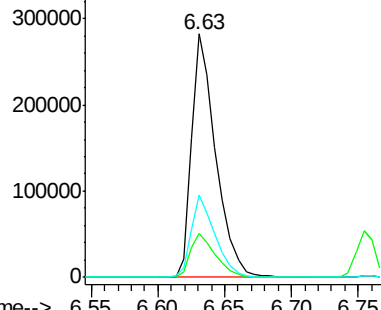
99 100

42 18.3 14.5 21.7

71 33.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

Tgt Ion: 136 Resp: 438794

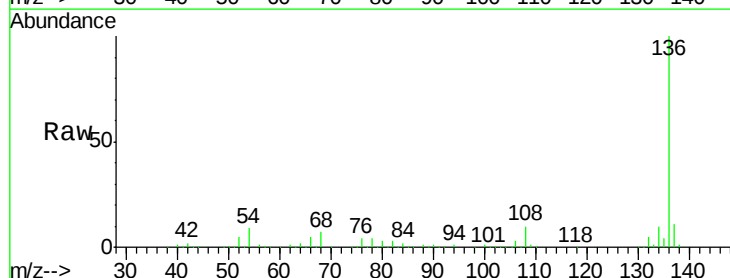
Ion Ratio Lower Upper

136 100

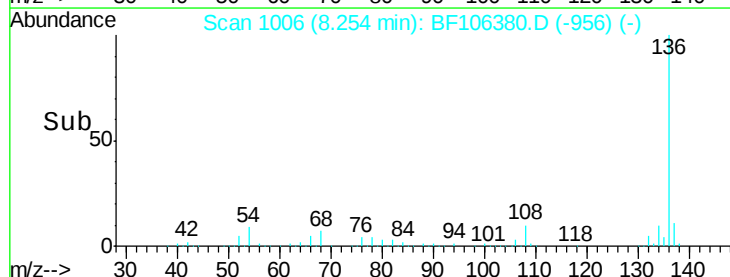
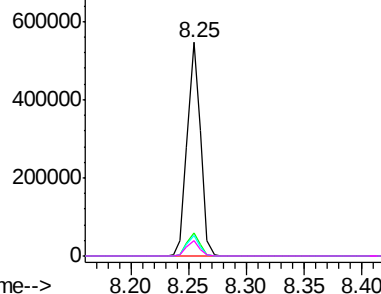
137 10.8 8.9 13.3

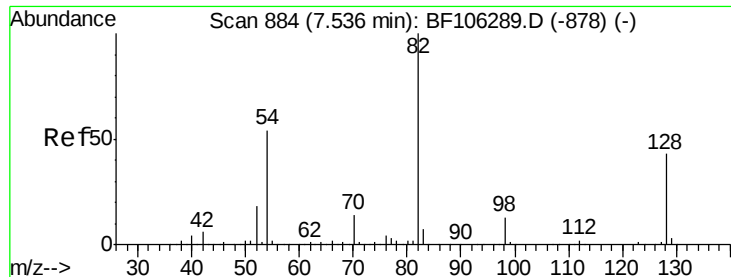
54 9.4 6.6 9.8

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

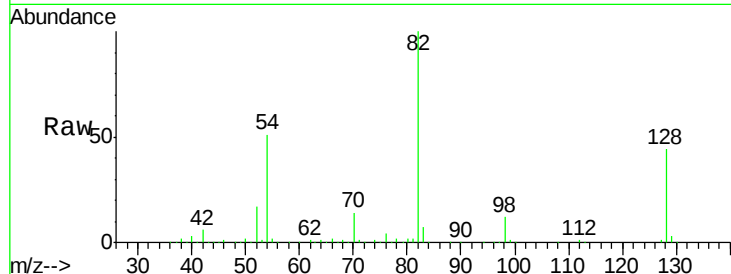




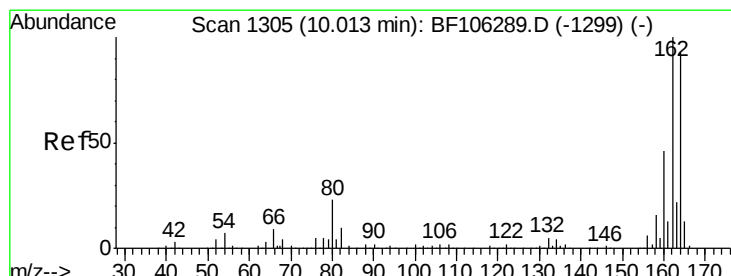
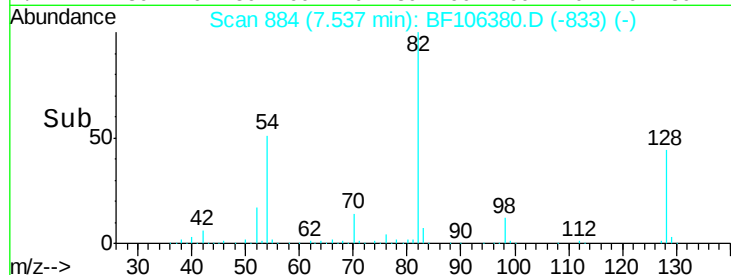
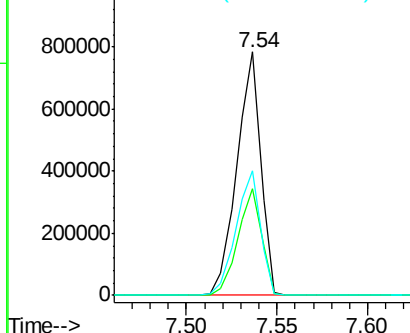
#23
 Nitrobenzene-d5
 Concen: 96.174 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106380.D
 Acq: 13 Jun 2018 8:25

Instrument :
 BNA_F
 ClientSampleId :
 W-46

Tot Ion: 82 Resp: 717350
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 51.3 41.4 62.2

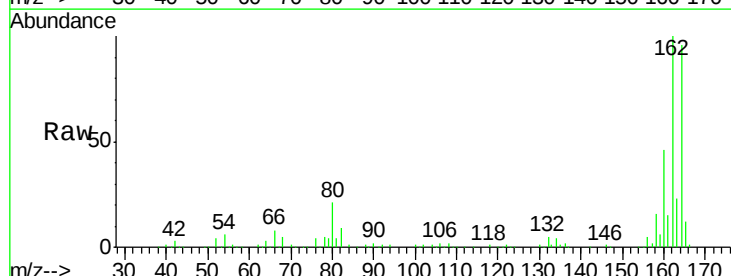


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

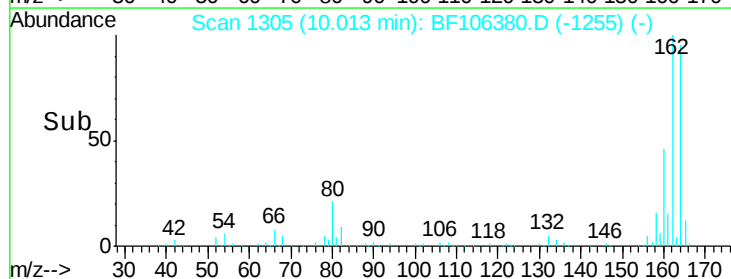
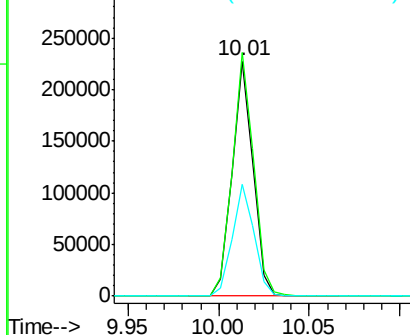


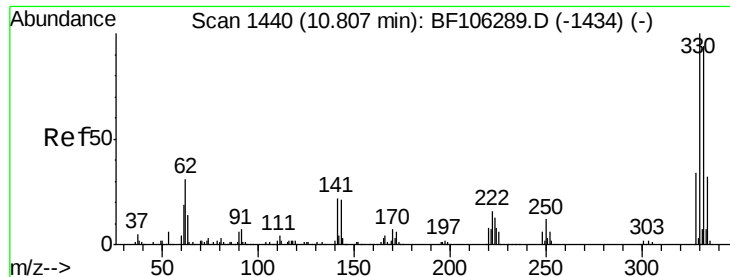
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF106380.D
 Acq: 13 Jun 2018 8:25

Tgt Ion: 164 Resp: 182900
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 47.4 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

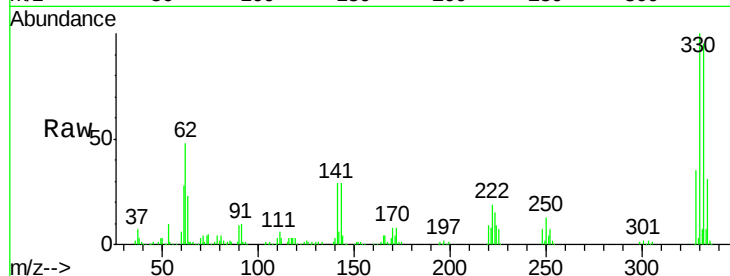




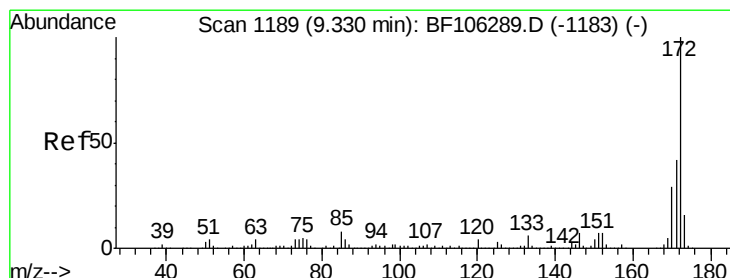
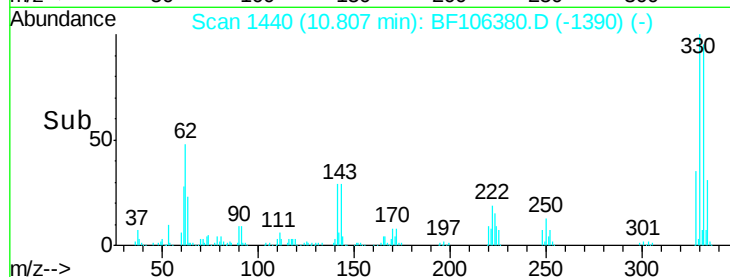
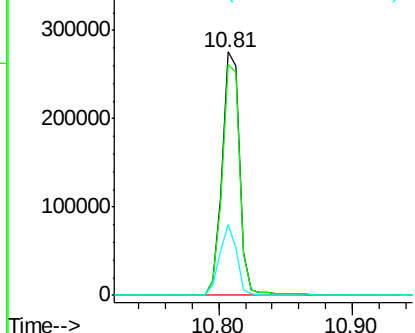
#41
 2,4,6-Tribromophenol
 Concen: 147.616 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106380.D
 Acq: 13 Jun 2018 8:25

Instrument :
 BNA_F
 ClientSampleId :
 W-46

Tot Ion:330 Resp: 259776
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 28.9 29.9 44.9#

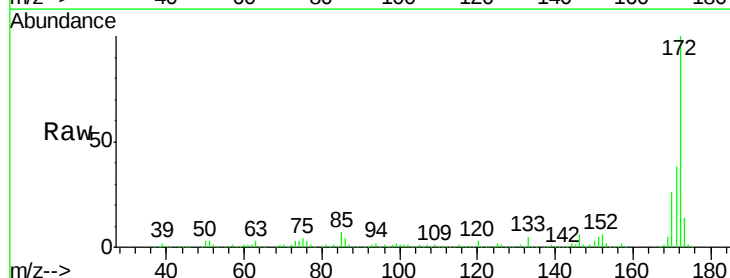


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

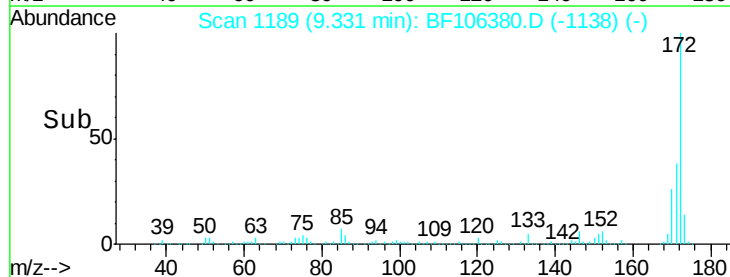
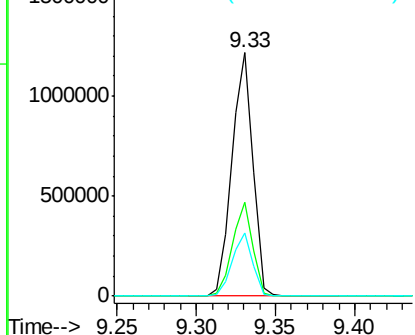


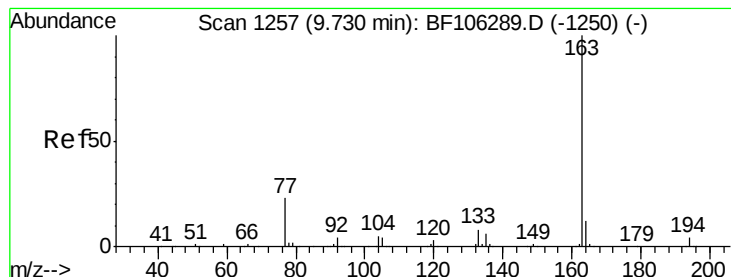
#44
 2-Fluorobiphenyl
 Concen: 124.994 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106380.D
 Acq: 13 Jun 2018 8:25

Tgt Ion:172 Resp: 1116264
 Ion Ratio Lower Upper
 172 100
 171 38.4 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: 2.616 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

Instrument :

BNA_F

ClientSampleId :

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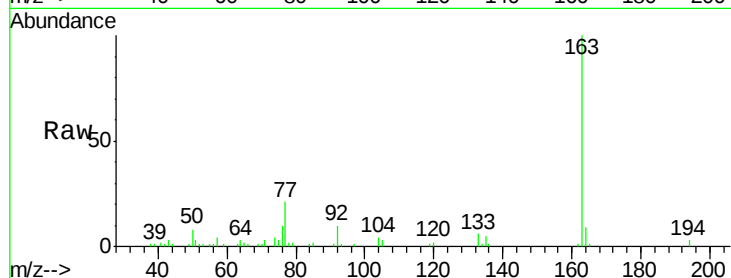
Tot Ion:163 Resp: 34189

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

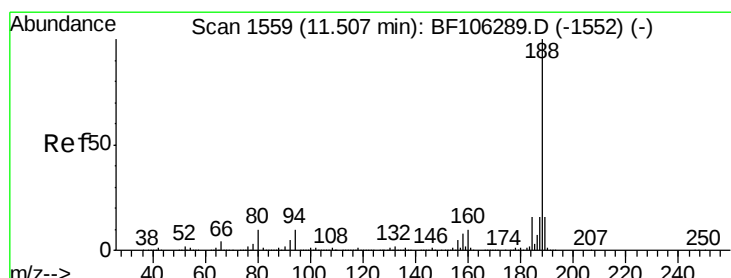
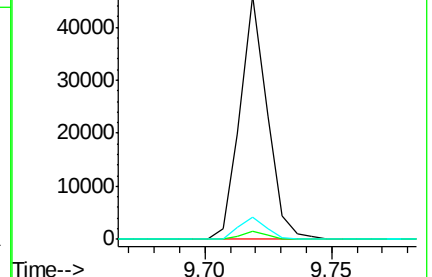
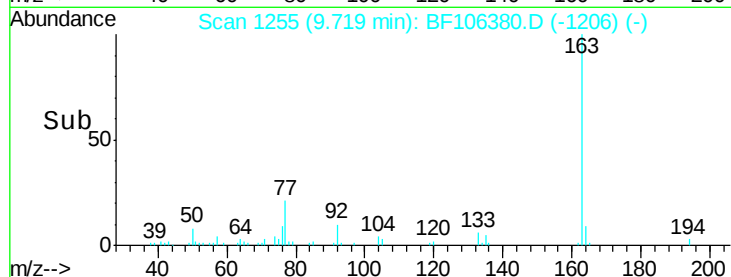
164 9.2 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

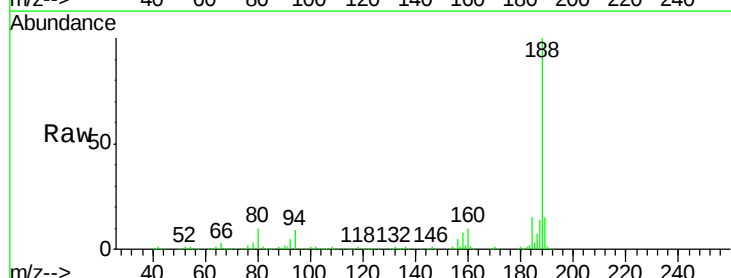
Tgt Ion:188 Resp: 375060

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

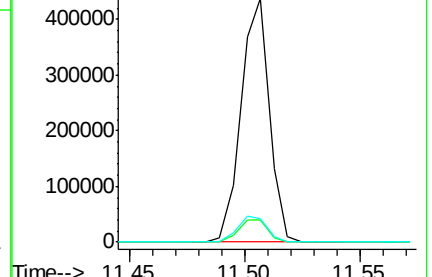
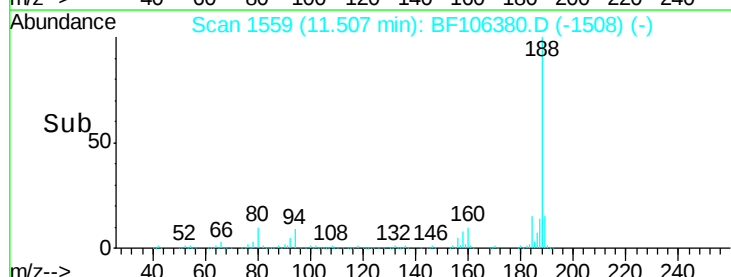
80 9.6 9.2 13.8

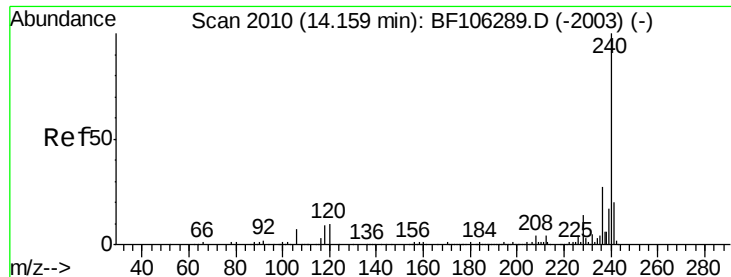


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

Instrument :

BNA_F

ClientSampleId :

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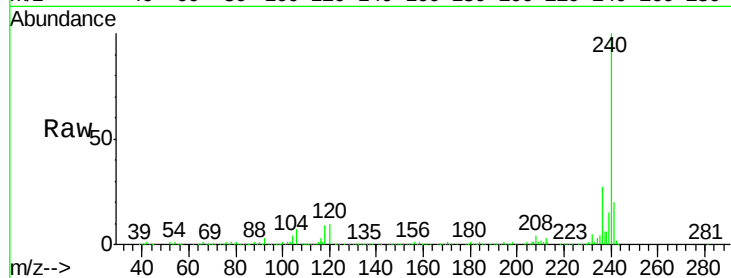
Tot Ion:240 Resp: 380351

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

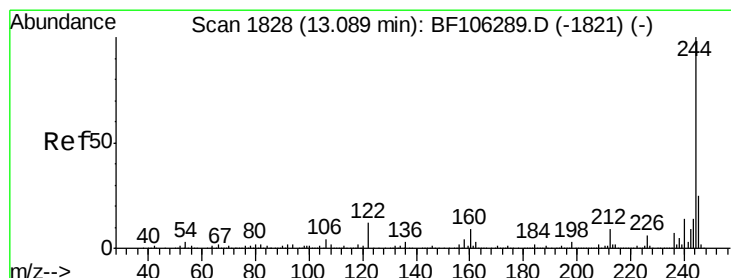
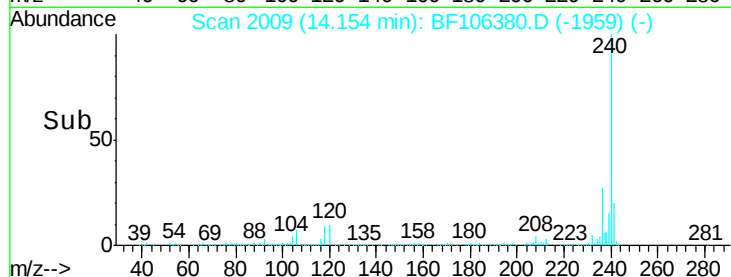
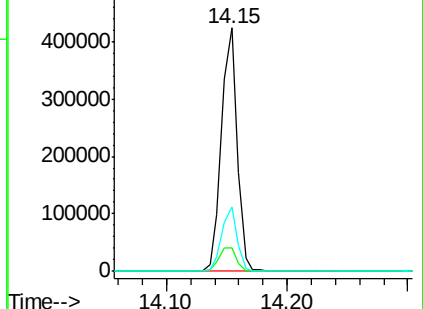
236 26.6 20.7 31.1



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: 90.258 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106380.D

Acq: 13 Jun 2018 8:25

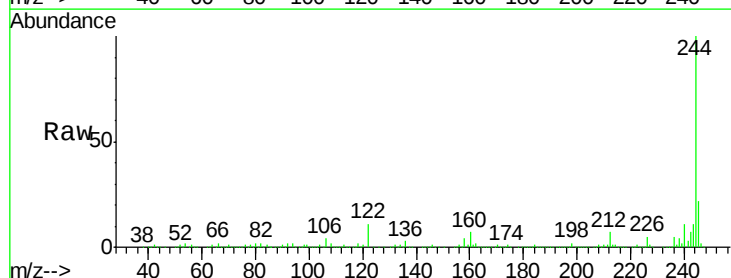
Tgt Ion:244 Resp: 1382152

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

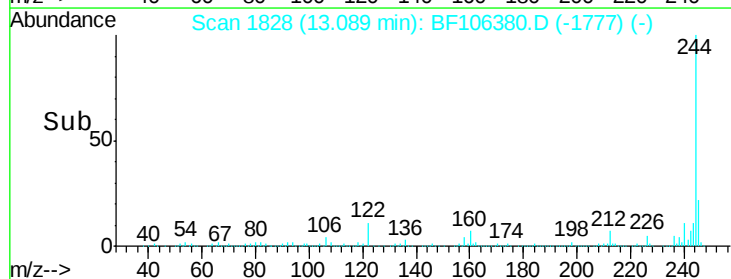
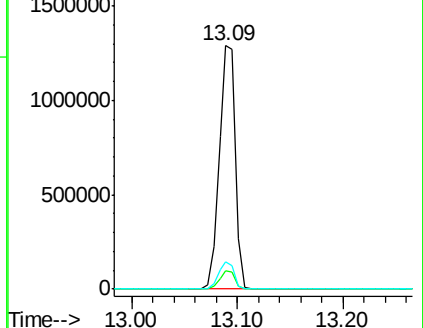
122 11.1 11.0 16.4

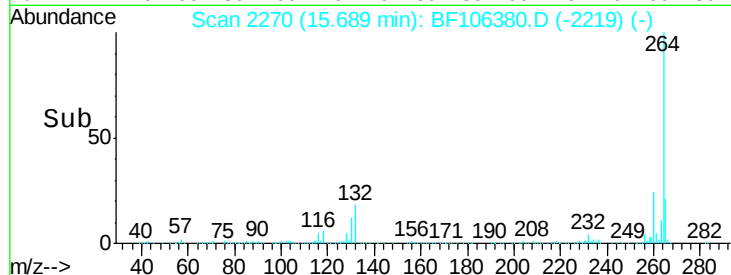
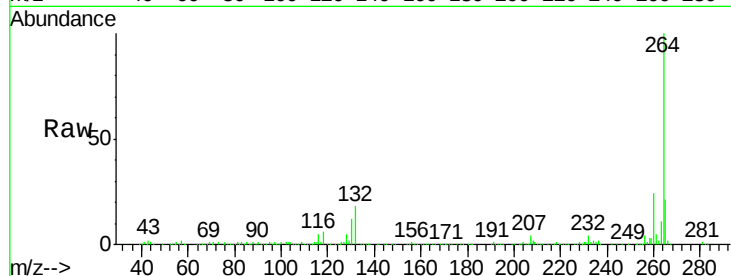
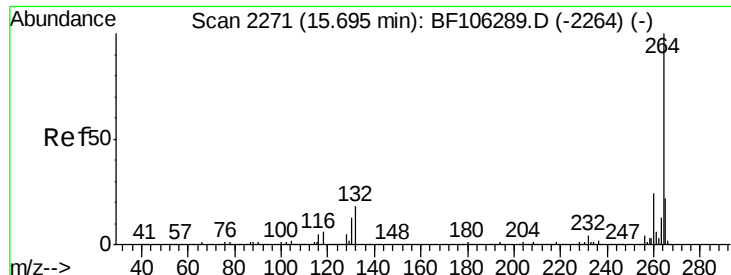


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF106380.D
Acq: 13 Jun 2018 8:25

Instrument :
BNA_F
ClientSampleId :
W-46

Tot Ion:264	Resp:	275501
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.2 28.8
265	20.8	17.5 26.3

