

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106434.D
 Acq On : 14 Jun 2018 11:02
 Operator : JU/SJ
 Sample : PB110241BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BL

Quant Time: Jun 14 11:39:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127161	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	487313	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	232942	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	444247	20.00	ng	0.00
75) Chrysene-d12	14.15	240	323208	20.00	ng	0.00
86) Perylene-d12	15.68	264	319791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	818135	108.89	ng	0.00
7) Phenol-d6	6.61	99	989691	104.26	ng	-0.01
23) Nitrobenzene-d5	7.52	82	660912	79.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	280320	125.07	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1143195	88.19	ng	0.00
78) Terphenyl-d14	13.08	244	1127474	86.64	ng	0.00

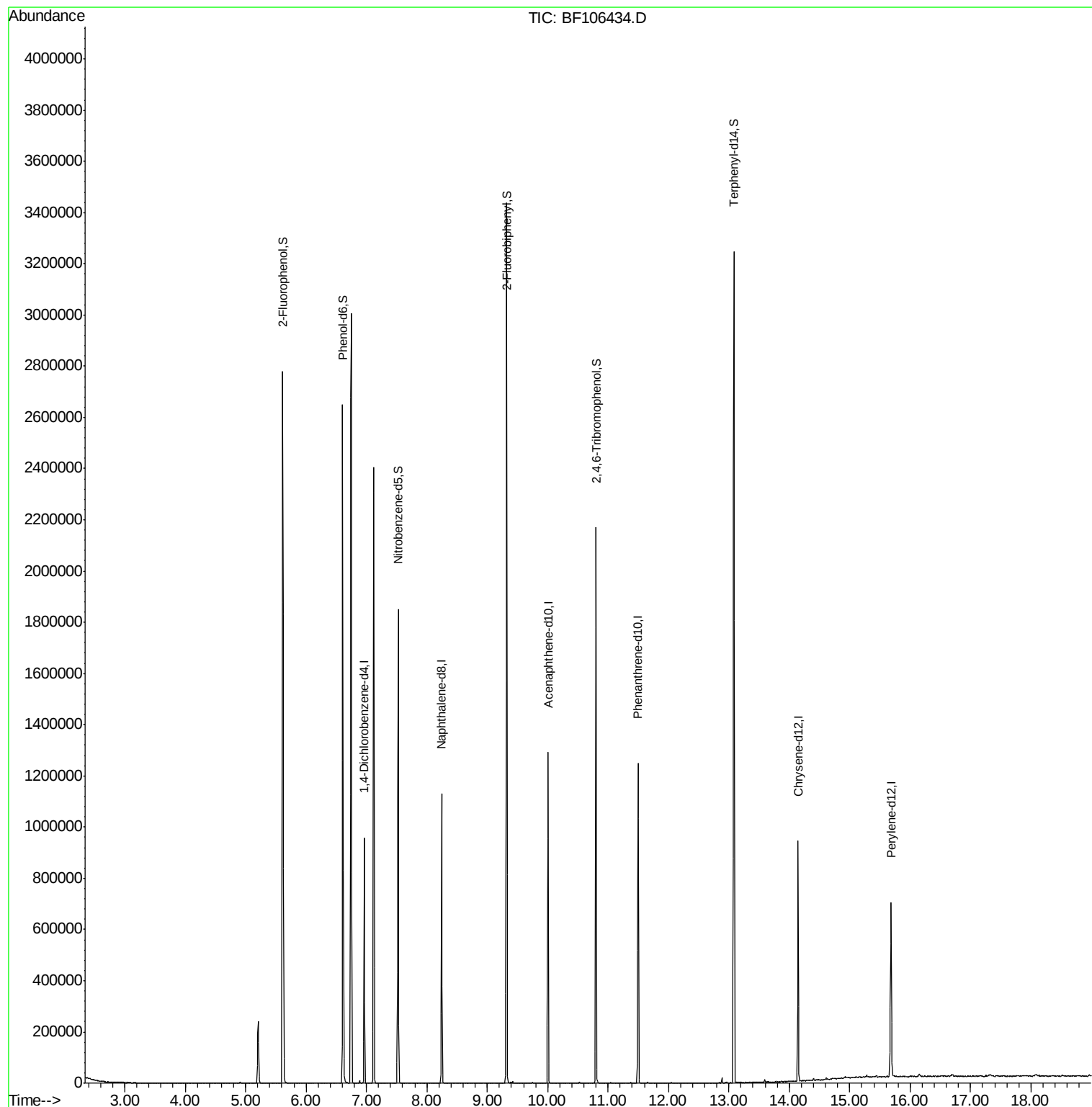
Target Compounds Qvalue

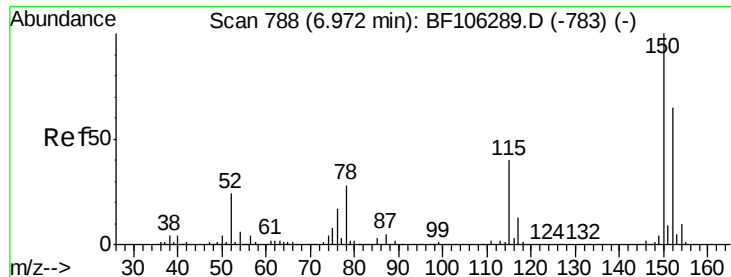
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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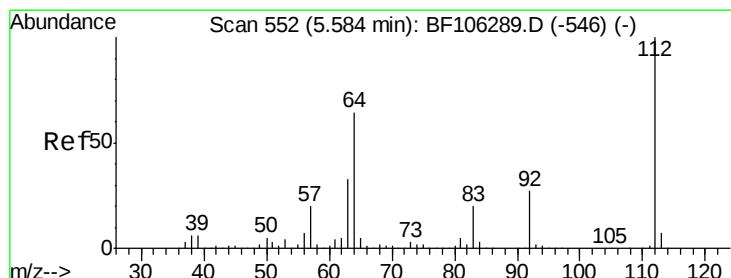
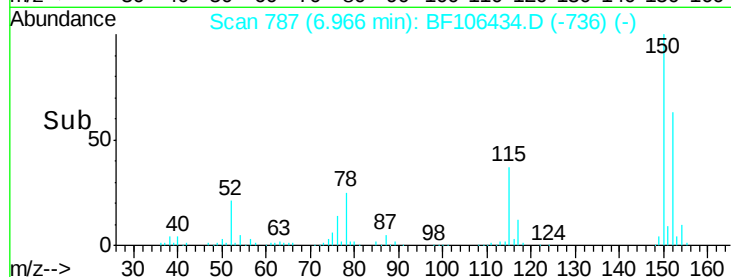
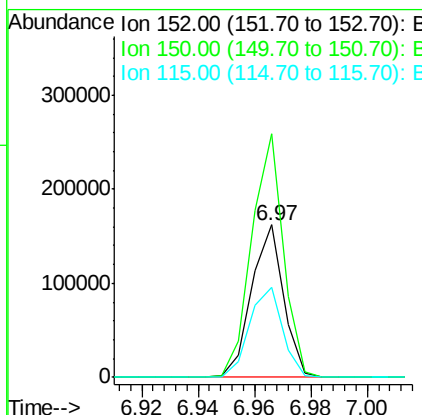
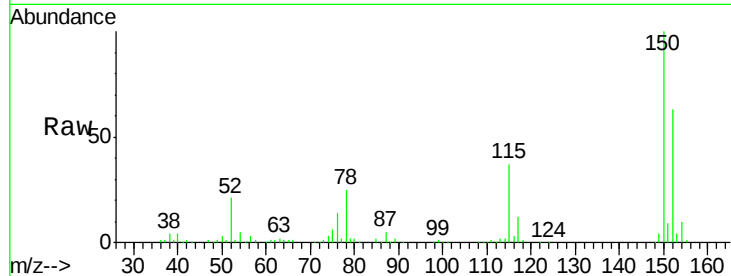


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110241BL

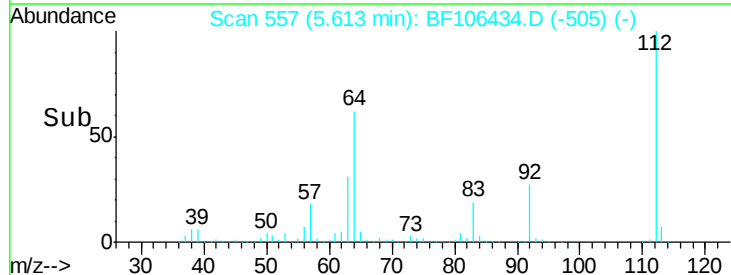
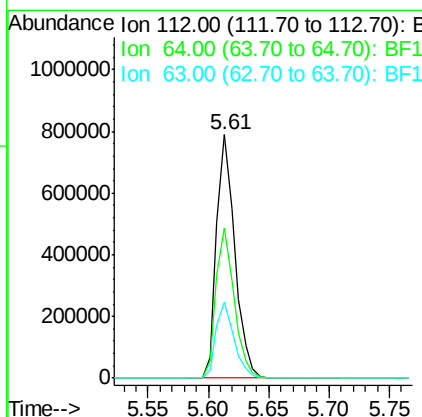
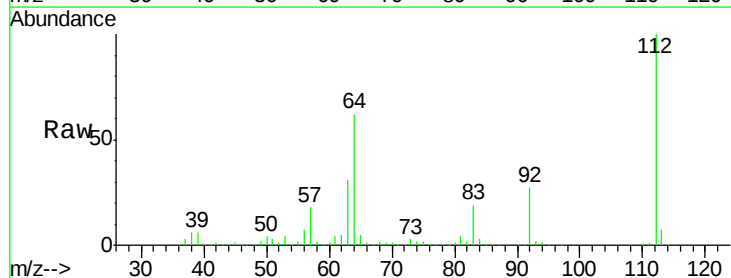
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	58.6	50.1	75.1



#5

2-Fluorophenol
 Concen: 108.893 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 104.263 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

PB110241BL

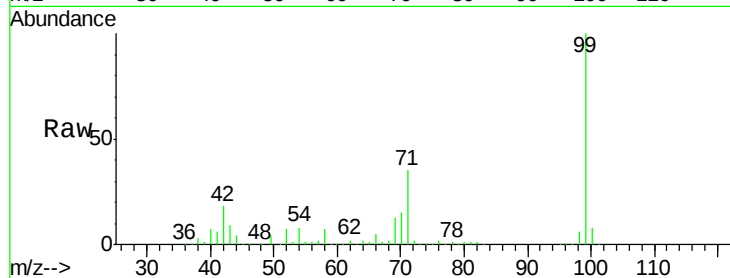
Tot Ion: 99 Resp: 989691

Ion Ratio Lower Upper

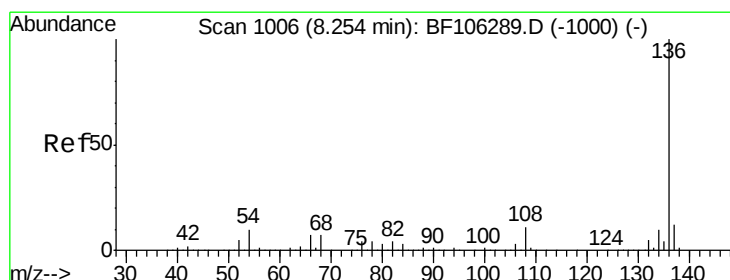
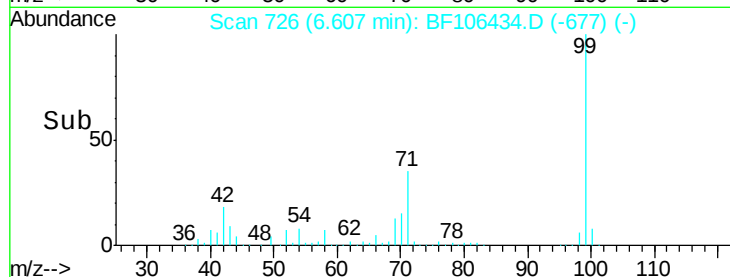
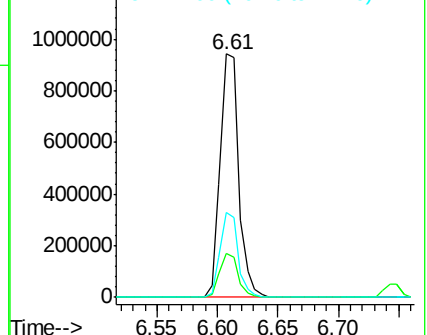
99 100

42 18.0 14.5 21.7

71 35.1 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# 1005

Delta R.T. -0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Tgt Ion: 136 Resp: 487313

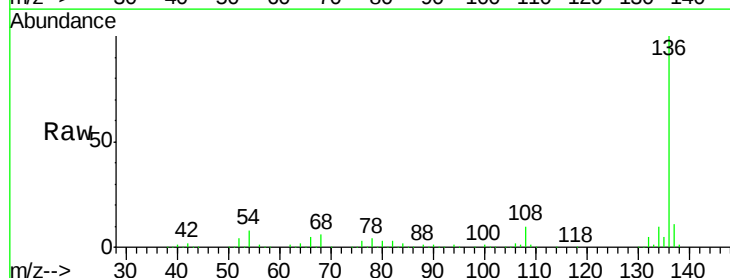
Ion Ratio Lower Upper

136 100

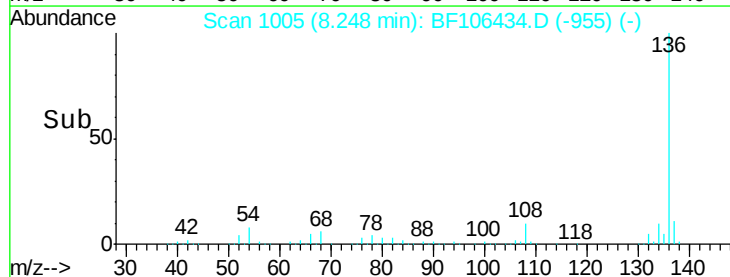
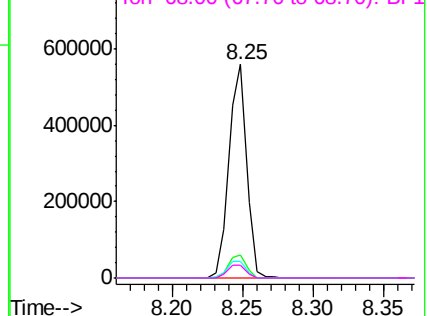
137 10.9 8.9 13.3

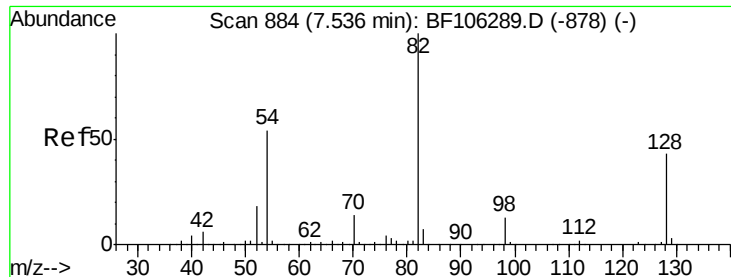
54 7.8 6.6 9.8

68 6.2 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

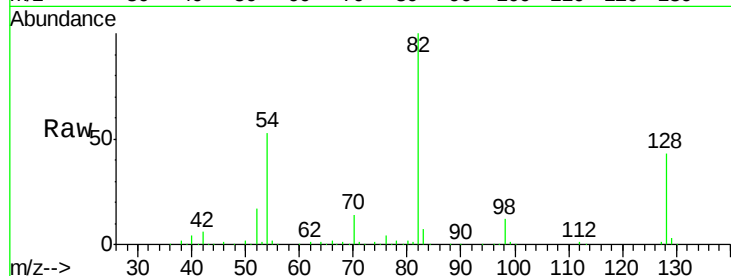




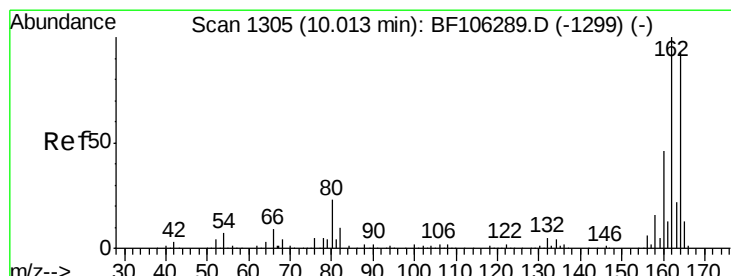
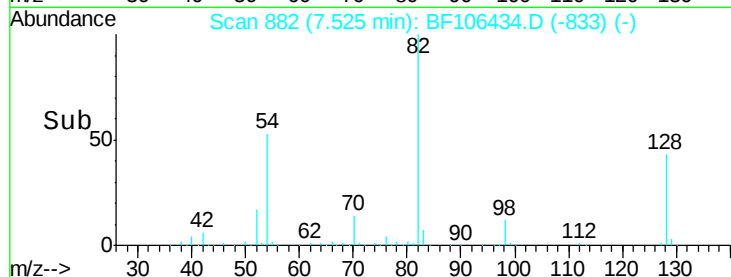
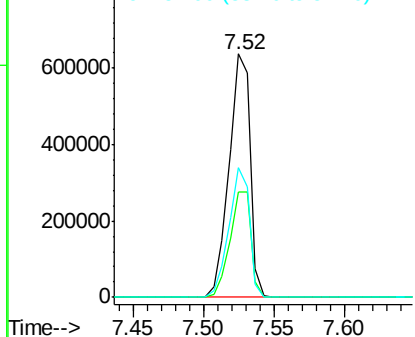
#23
Nitrobenzene-d5
Concen: 79.785 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106434.D
Acq: 14 Jun 2018 11:02

Instrument :
BNA_F
ClientSampleId :
PB110241BL

Tot Ion: 82 Resp: 660912
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 53.0 41.4 62.2

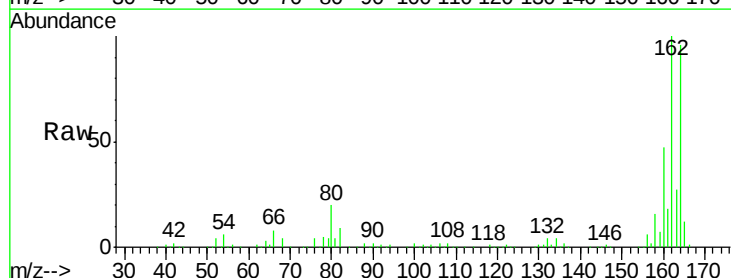


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

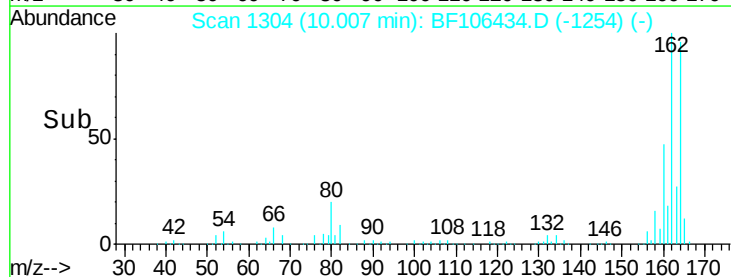
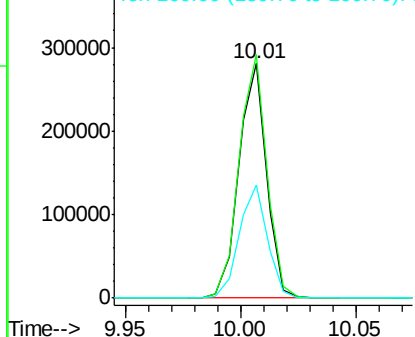


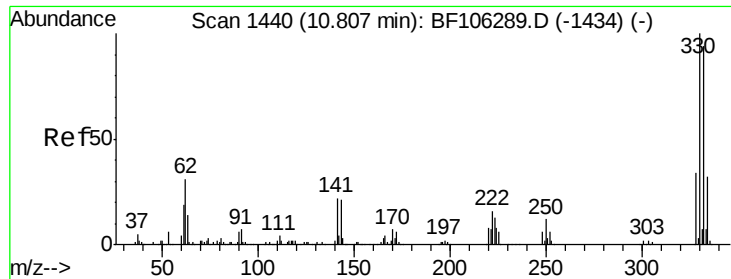
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106434.D
Acq: 14 Jun 2018 11:02

Tgt Ion: 164 Resp: 232942
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 48.3 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

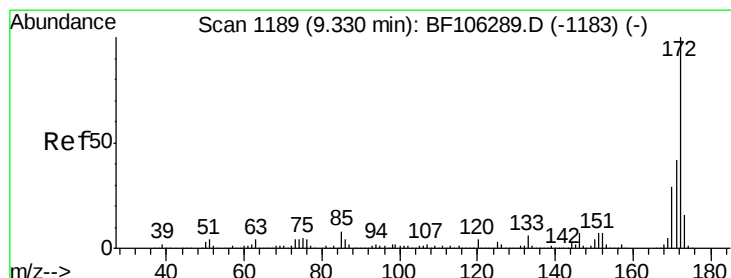
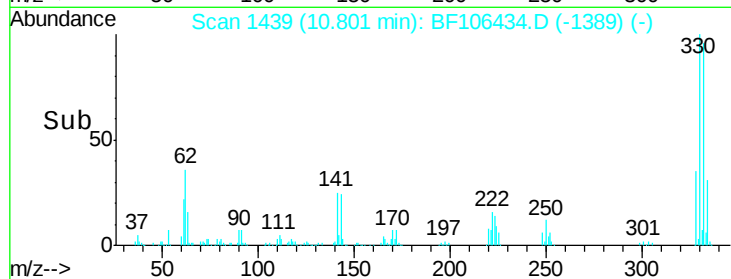
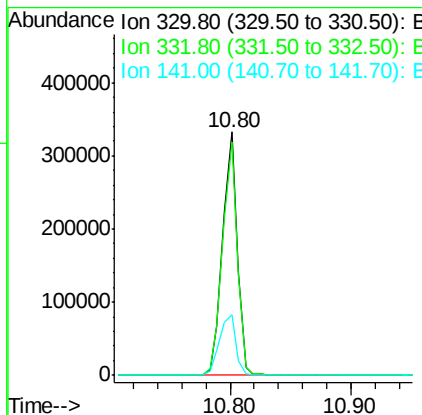
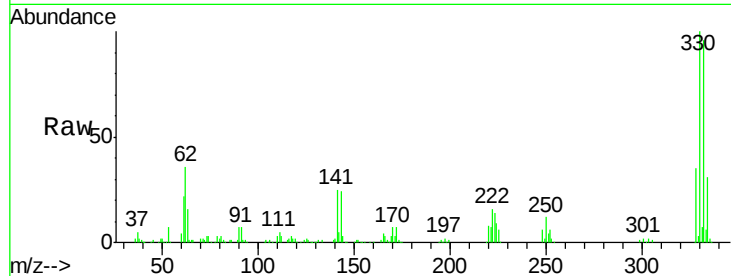




#41
 2,4,6-Tribromophenol
 Concen: 125.070 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

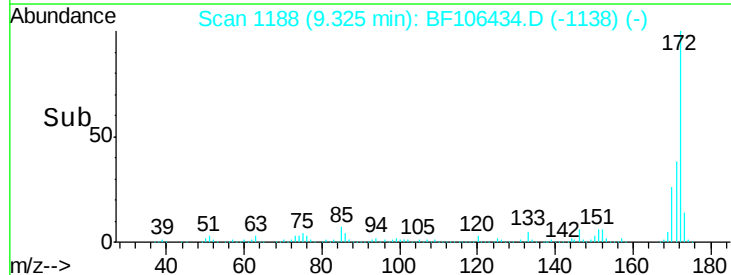
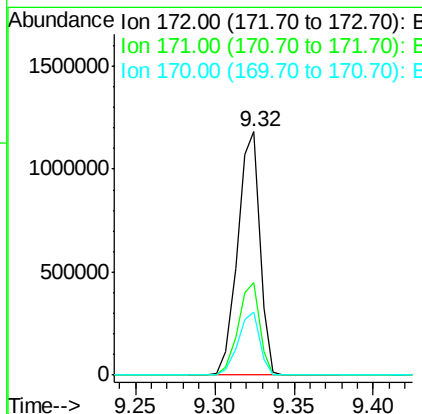
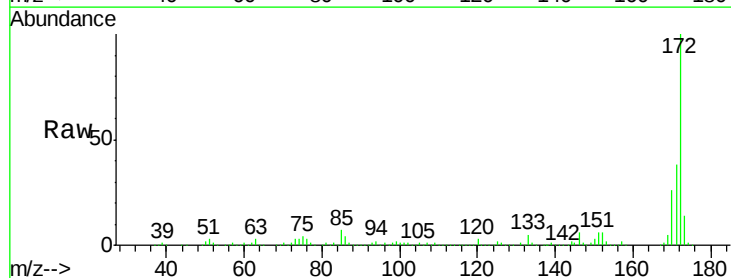
Instrument :
 BNA_F
 ClientSampleId :
 PB110241BL

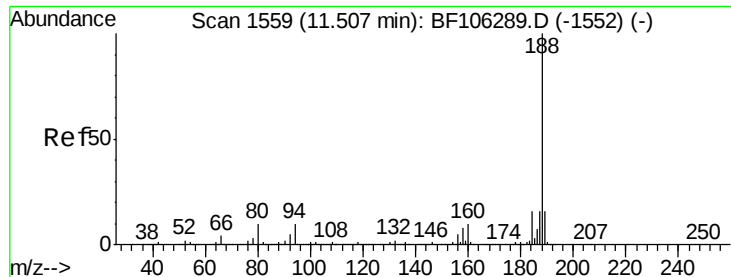
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	27.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 88.187 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106434.D
 Acq: 14 Jun 2018 11:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.9	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

PB110241BL

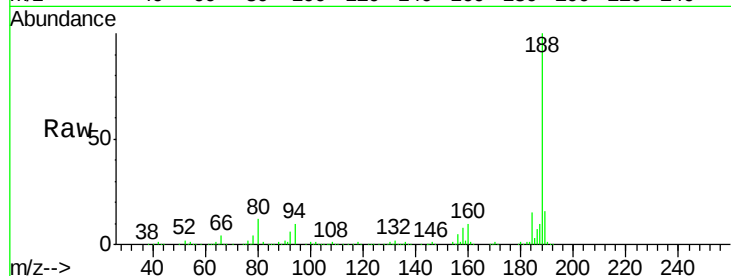
Tot Ion:188 Resp: 444247

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

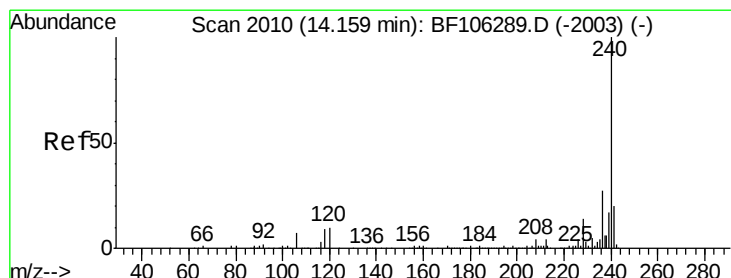
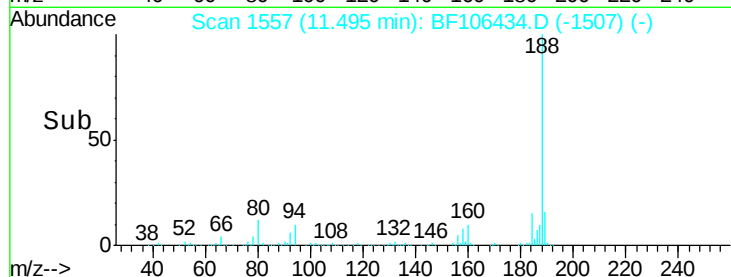
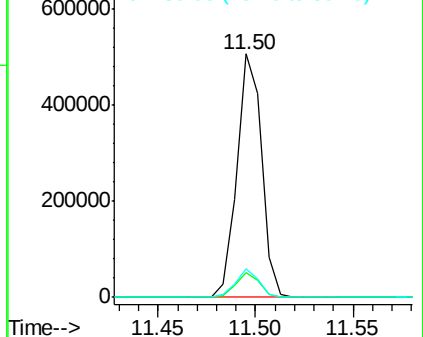
80 11.6 9.2 13.8



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# 2008

Delta R.T. 0.00 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

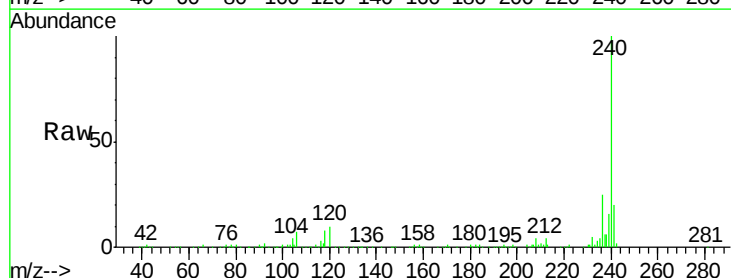
Tgt Ion:240 Resp: 323208

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

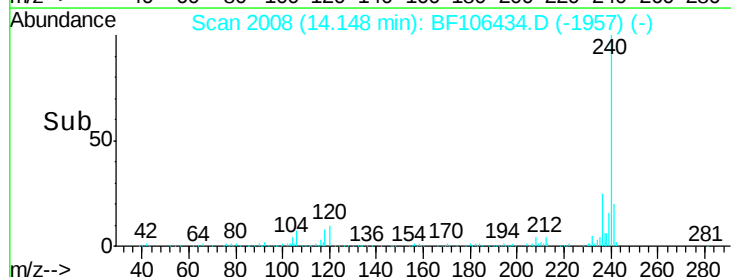
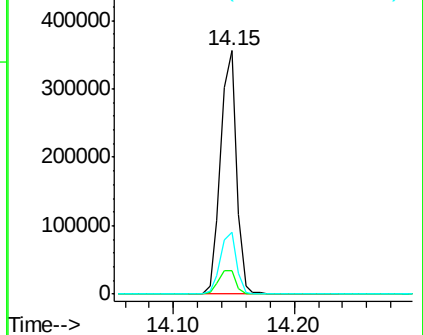
236 25.5 20.7 31.1

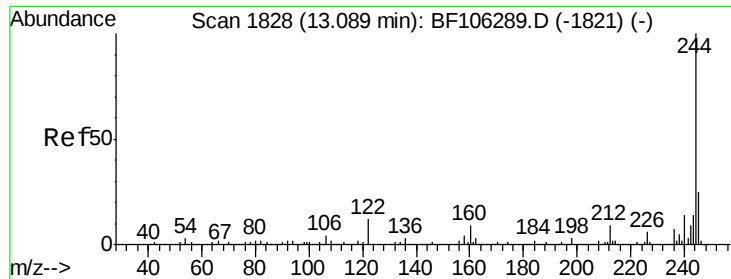


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.644 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

PB110241BL

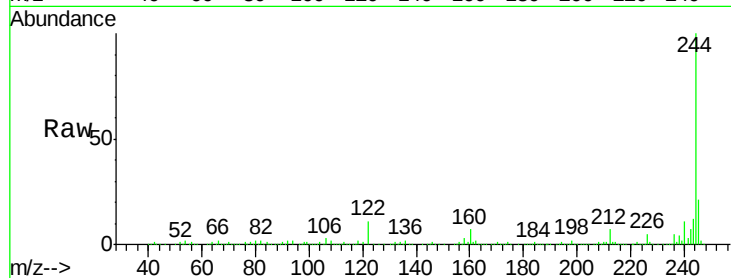
Tot Ion:244 Resp: 1127474

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

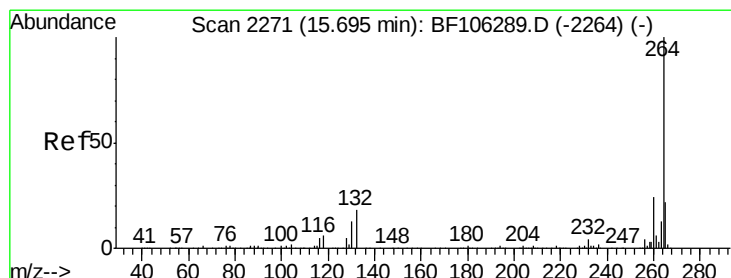
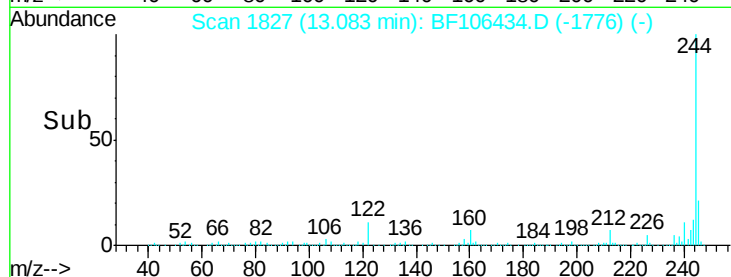
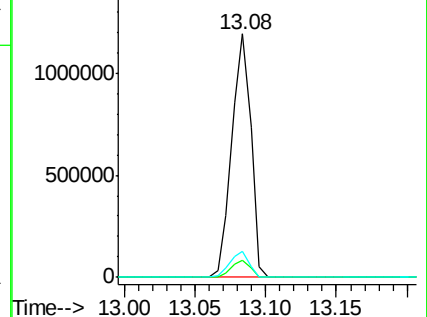
122 10.5 11.0 16.4#



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# 2269

Delta R.T. 0.01 min

Lab File: BF106434.D

Acq: 14 Jun 2018 11:02

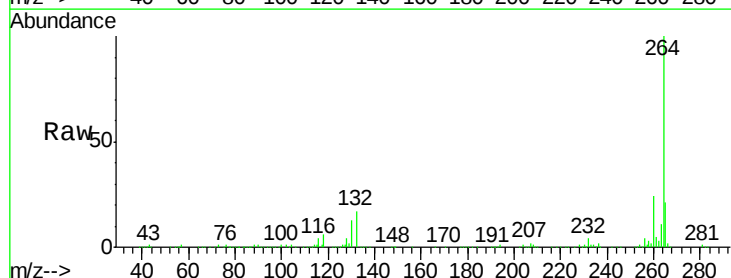
Tgt Ion:264 Resp: 319791

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

