

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106391.D
 Acq On : 13 Jun 2018 15:17
 Operator : JU/SJ
 Sample : PB110210BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BL

Quant Time: Jun 14 03:04:02 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	136391	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	520704	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	249359	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	507037	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	437160	20.00	ng	0.02
86) Perylene-d12	15.77	264	327433	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	895634	111.14	ng	-0.01
7) Phenol-d6	6.61	99	1114324	109.45	ng	-0.02
23) Nitrobenzene-d5	7.52	82	710386	80.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	315754	131.60	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1217050	87.47	ng	-0.01
78) Terphenyl-d14	13.09	244	1442778	81.97	ng	0.00

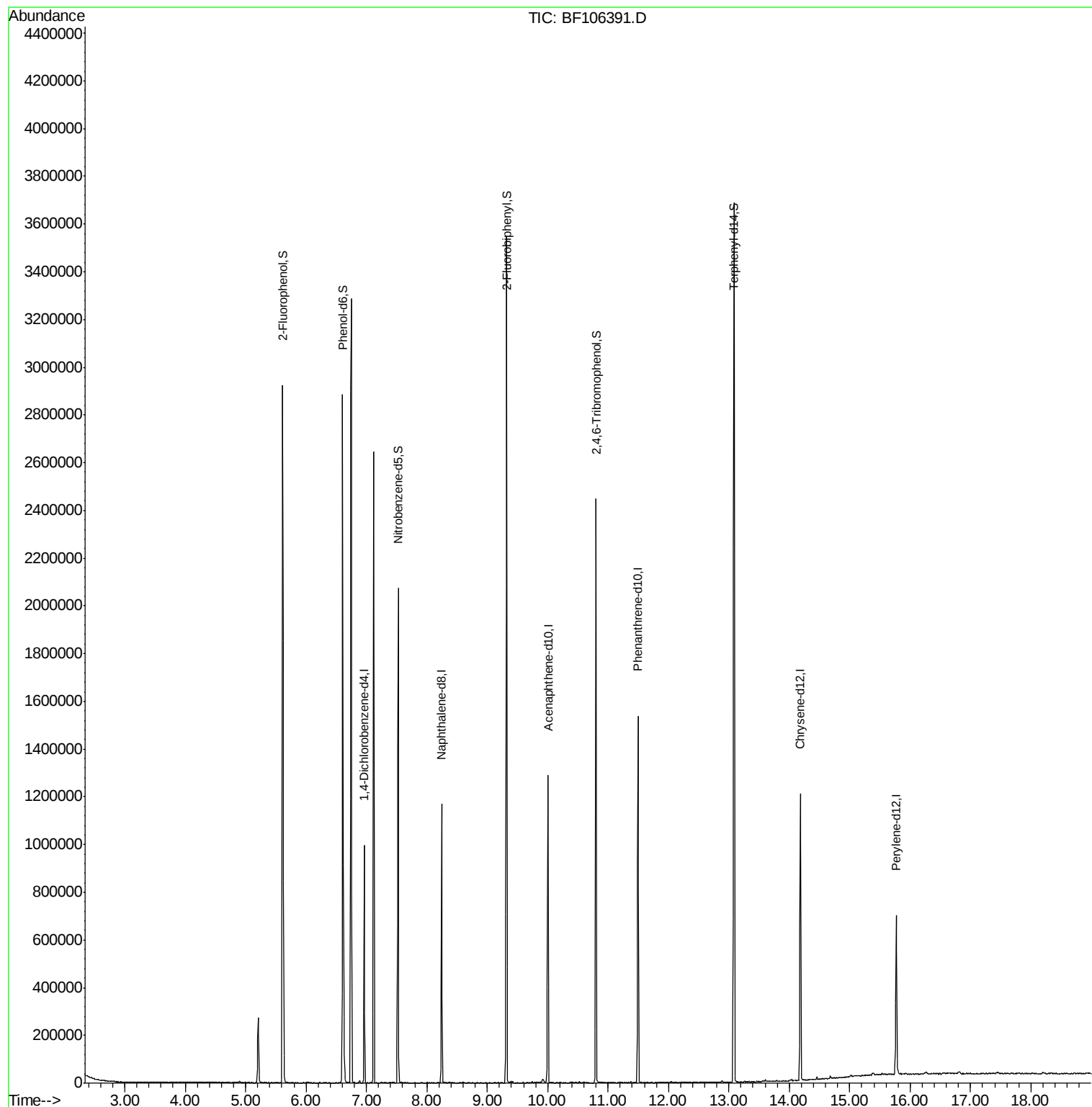
Target Compounds Qvalue

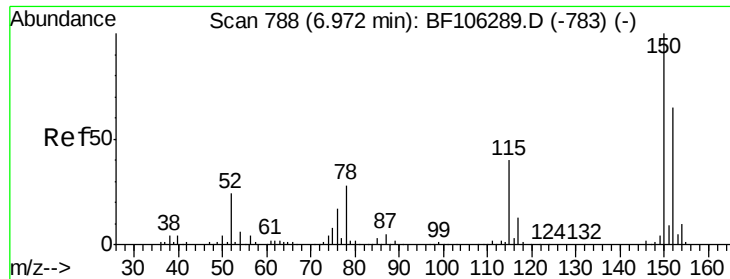
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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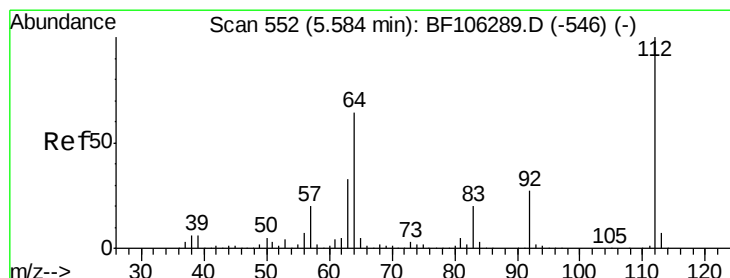
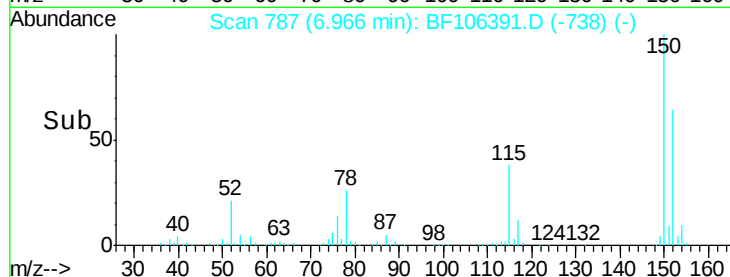
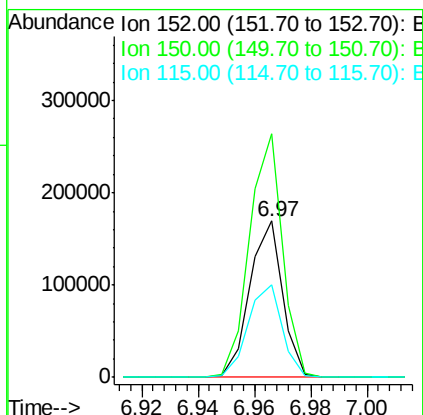
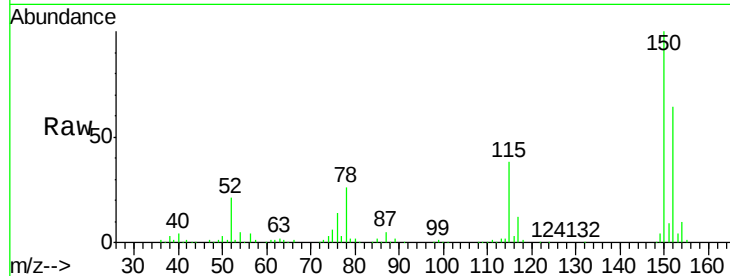


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106391.D
Acq: 13 Jun 2018 15:17

Instrument :
BNA_F
ClientSampleId :
PB110210BL

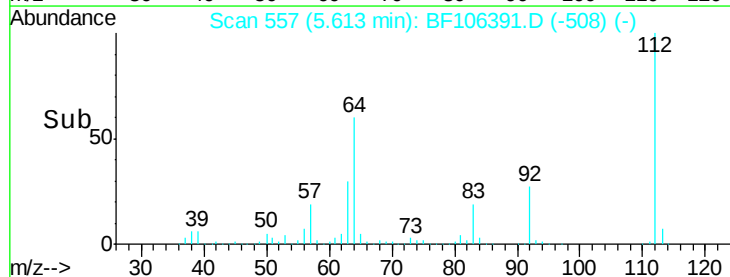
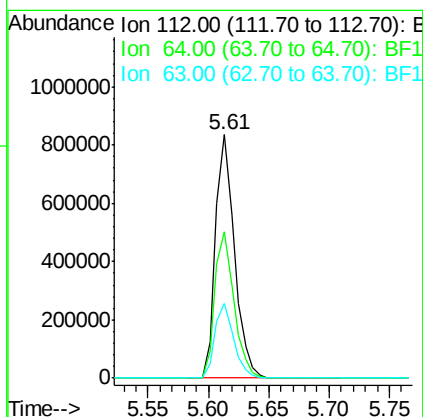
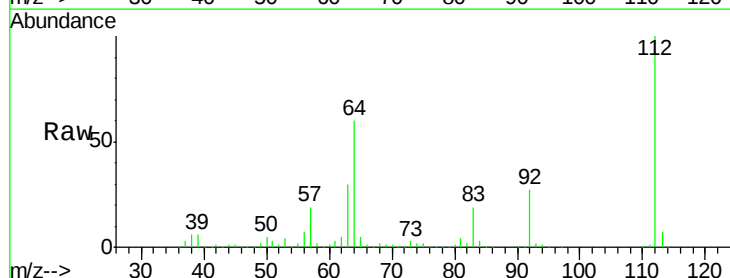
Tot Ion:152 Resp: 136391
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 59.5 50.1 75.1



#5

2-Fluorophenol
Concen: 111.141 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106391.D
Acq: 13 Jun 2018 15:17

Tgt Ion:112 Resp: 895634
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 109.449 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106391.D

Acq: 13 Jun 2018 15:17

Instrument :

BNA_F

ClientSampled :

PB110210BL

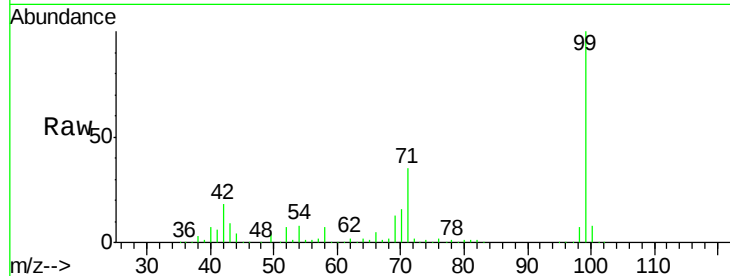
Tot Ion: 99 Resp: 1114324

Ion Ratio Lower Upper

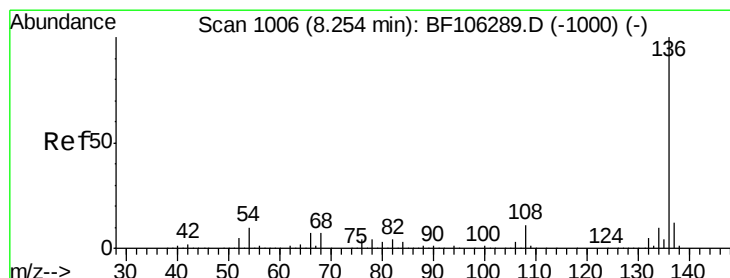
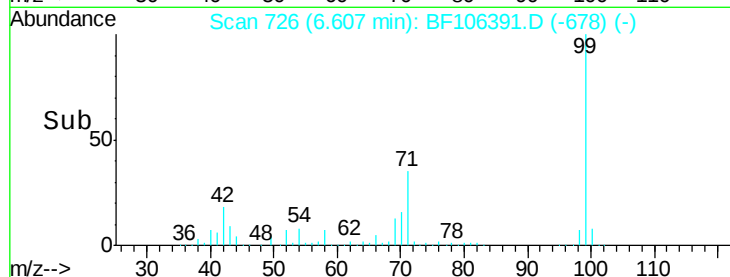
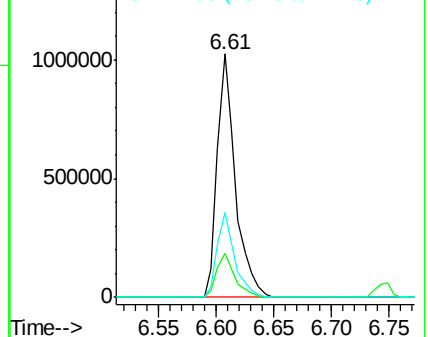
99 100

42 18.0 14.5 21.7

71 34.9 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: BF106391.D

Acq: 13 Jun 2018 15:17

Tgt Ion: 136 Resp: 520704

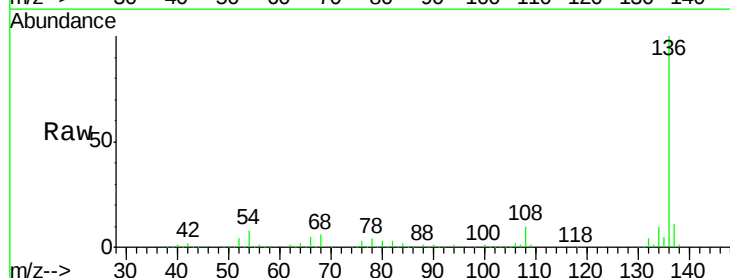
Ion Ratio Lower Upper

136 100

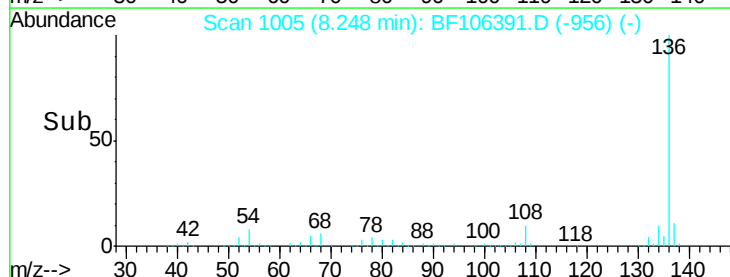
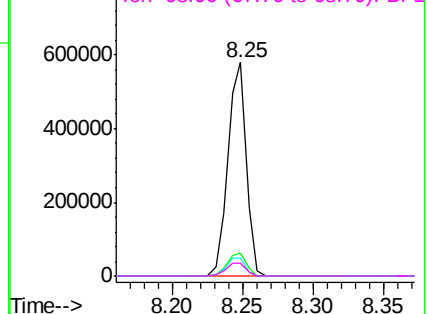
137 11.0 8.9 13.3

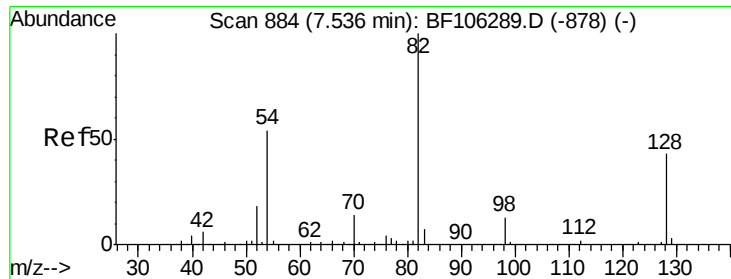
54 8.3 6.6 9.8

68 6.1 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: 80.259 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106391.D

Acq: 13 Jun 2018 15:17

Instrument :

BNA_F

ClientSampleId :

PB110210BL

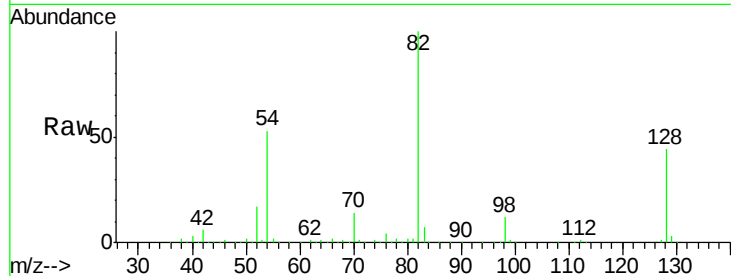
Tot Ion: 82 Resp: 710386

Ion Ratio Lower Upper

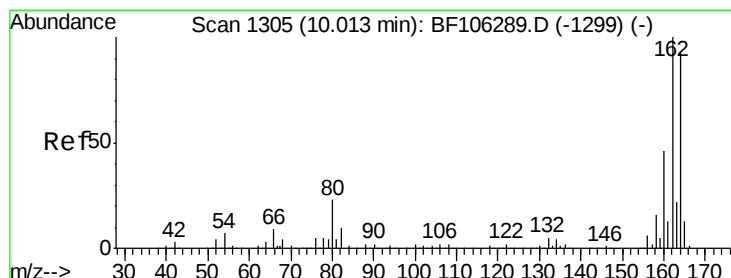
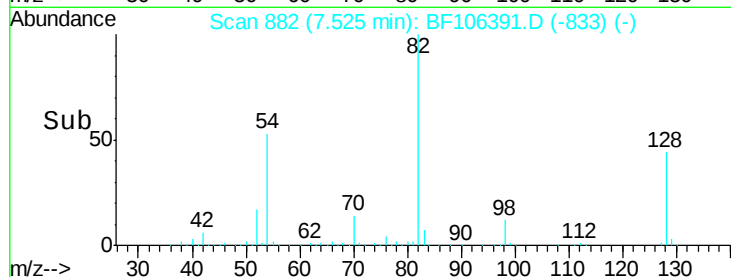
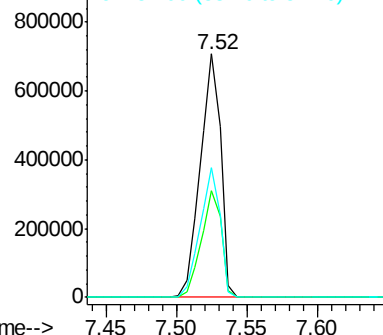
82 100

128 43.7 36.1 54.1

54 53.4 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106391.D

Acq: 13 Jun 2018 15:17

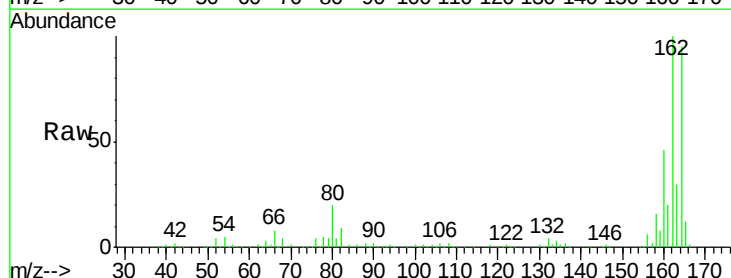
Tgt Ion:164 Resp: 249359

Ion Ratio Lower Upper

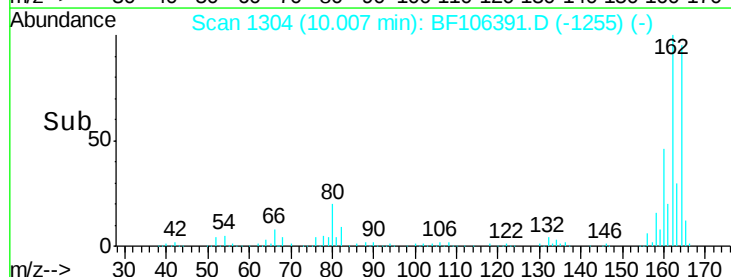
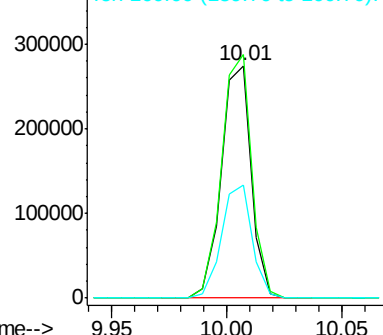
164 100

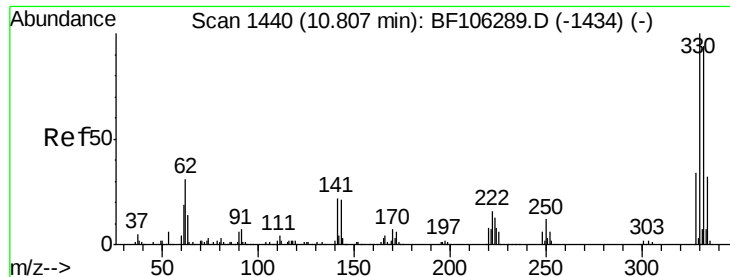
162 104.9 86.1 129.1

160 48.4 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

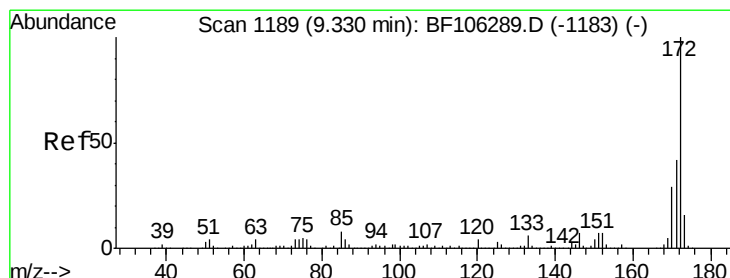
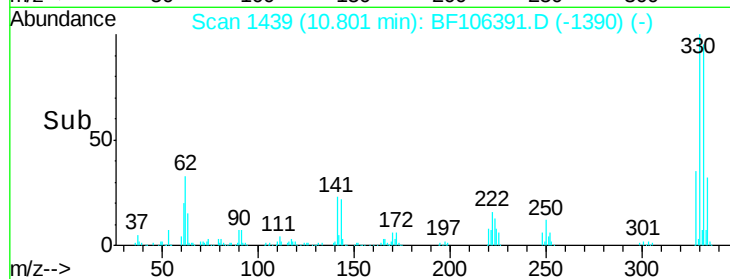
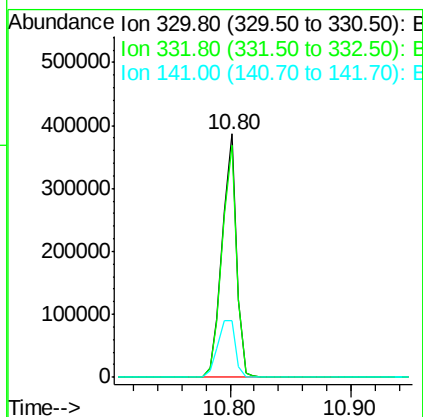
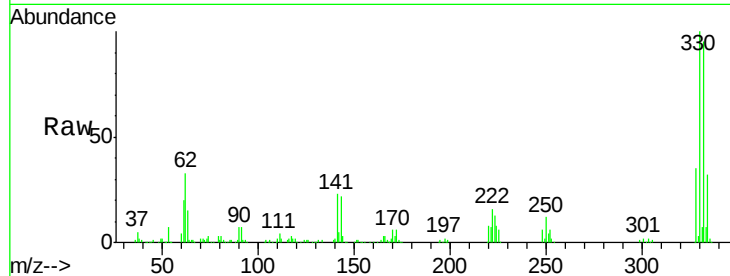




#41
 2,4,6-Tribromophenol
 Concen: 131.604 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106391.D
 Acq: 13 Jun 2018 15:17

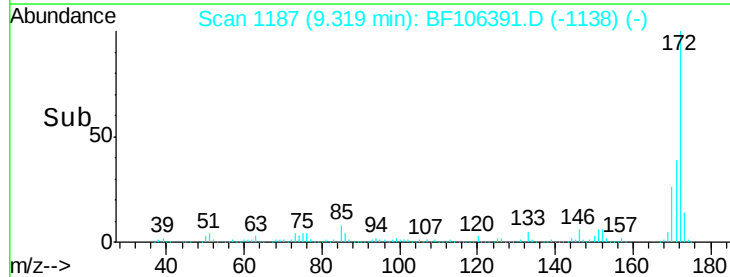
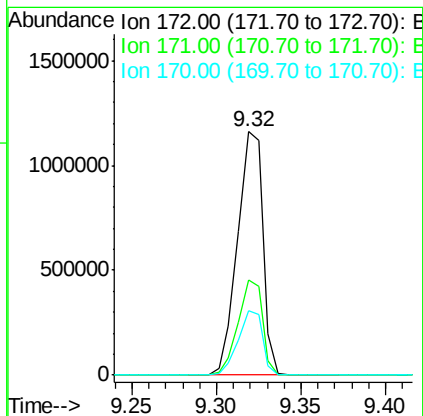
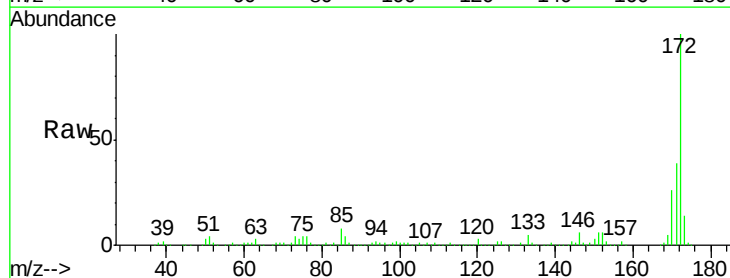
Instrument :
 BNA_F
 ClientSampleId :
 PB110210BL

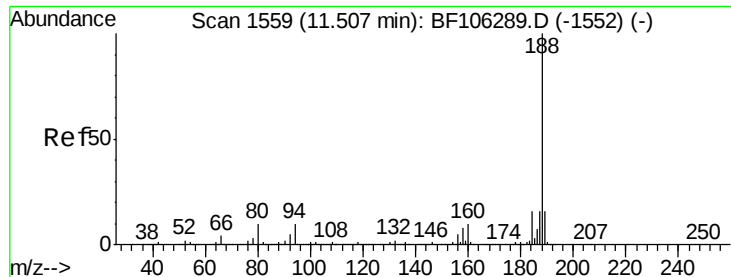
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 87.473 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106391.D
 Acq: 13 Jun 2018 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.2	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: BF106391.D

Acq: 13 Jun 2018 15:17

Instrument :

BNA_F

ClientSampleId :

PB110210BL

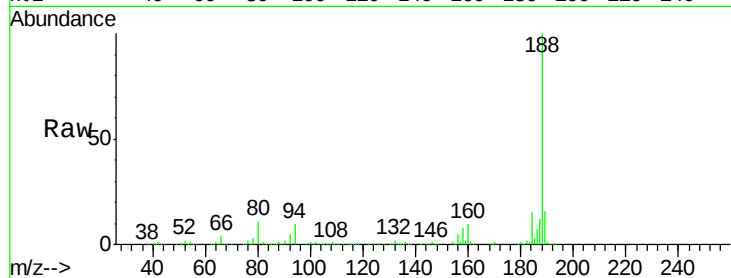
Tot Ion:188 Resp: 507037

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

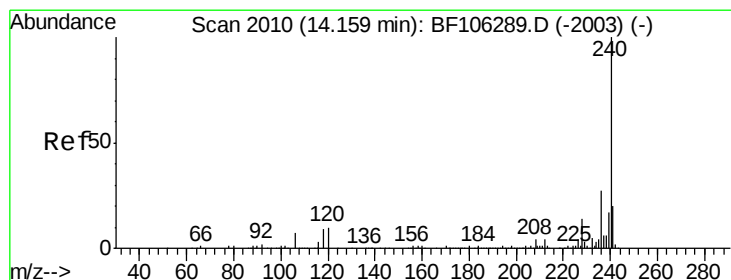
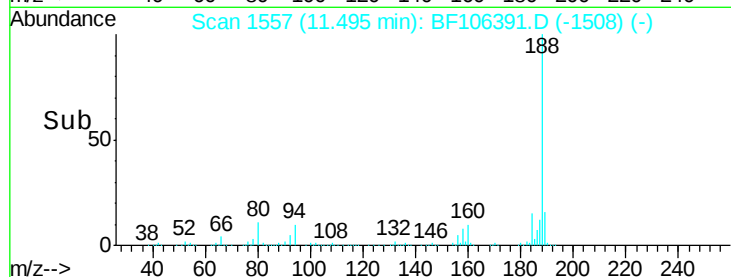
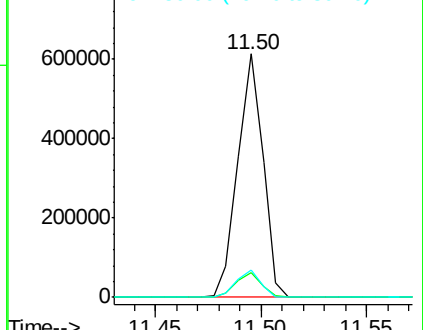
80 11.1 9.2 13.8



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: 14.18 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF106391.D

Acq: 13 Jun 2018 15:17

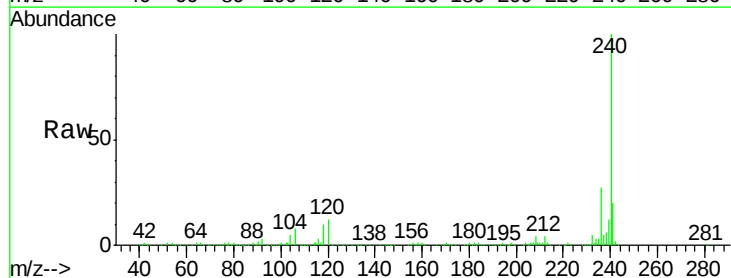
Tgt Ion:240 Resp: 437160

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

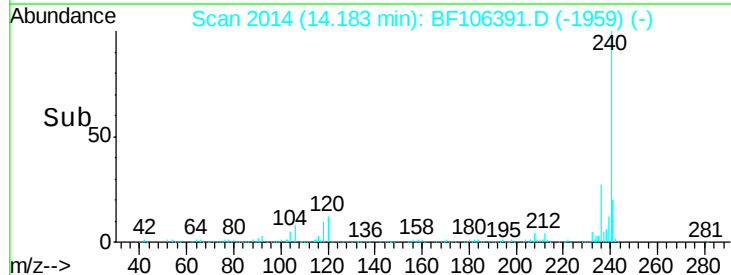
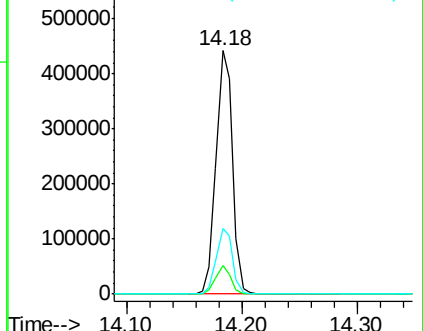
236 26.7 20.7 31.1

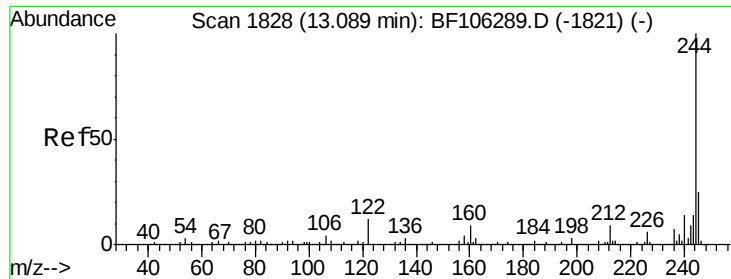


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.973 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106391.D

Acq: 13 Jun 2018 15:17

Instrument :

BNA_F

ClientSampleId :

PB110210BL

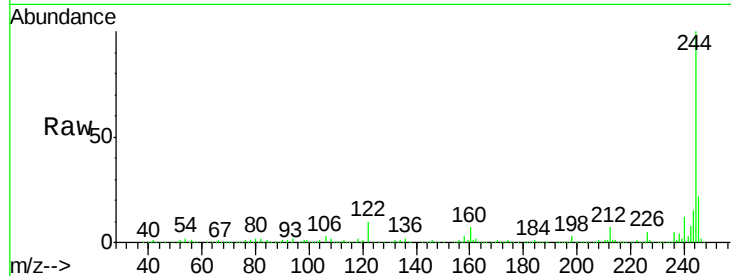
Tot Ion:244 Resp: 1442778

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

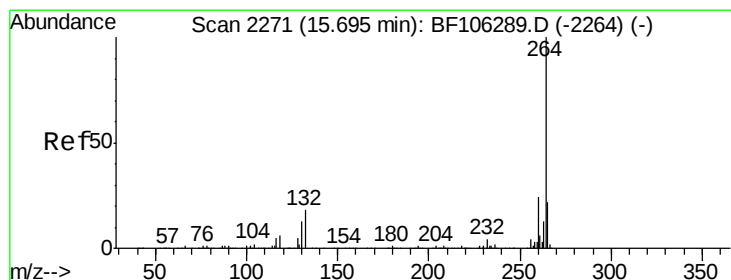
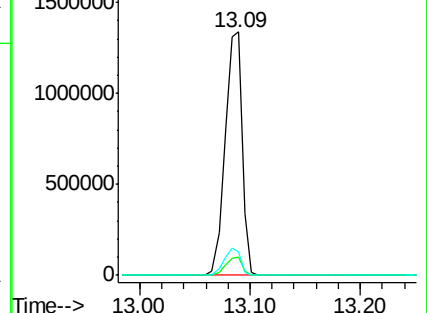
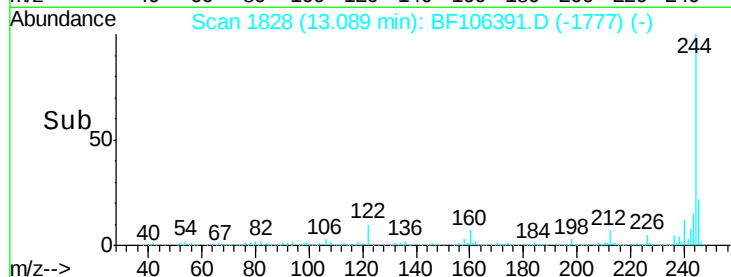
122 9.8 11.0 16.4#



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: 15.77 min Scan# 2284

Delta R.T. 0.08 min

Lab File: BF106391.D

Acq: 13 Jun 2018 15:17

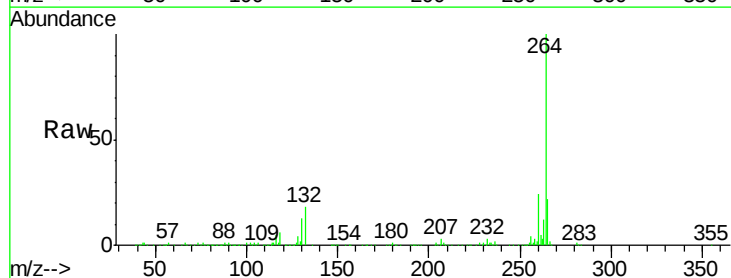
Tgt Ion:264 Resp: 327433

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 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

