

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106816.D
 Acq On : 26 Jun 2018 12:24
 Operator : JU/SJ
 Sample : PB110533BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BL

Quant Time: Jun 26 14:39:40 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	6.95	152	42569	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	166353	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	88968	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	193525	20.00	ng	0.00
75) Chrysene-d12	14.15	240	177592	20.00	ng	-0.02
86) Perylene-d12	15.70	264	144577	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	247867	98.60	ng	0.00
7) Phenol-d6	6.60	99	307763	98.03	ng	-0.01
23) Nitrobenzene-d5	7.52	82	198277	66.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	122934	119.22	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	413091	77.25	ng	-0.01
78) Terphenyl-d14	13.08	244	554177	75.59	ng	0.00

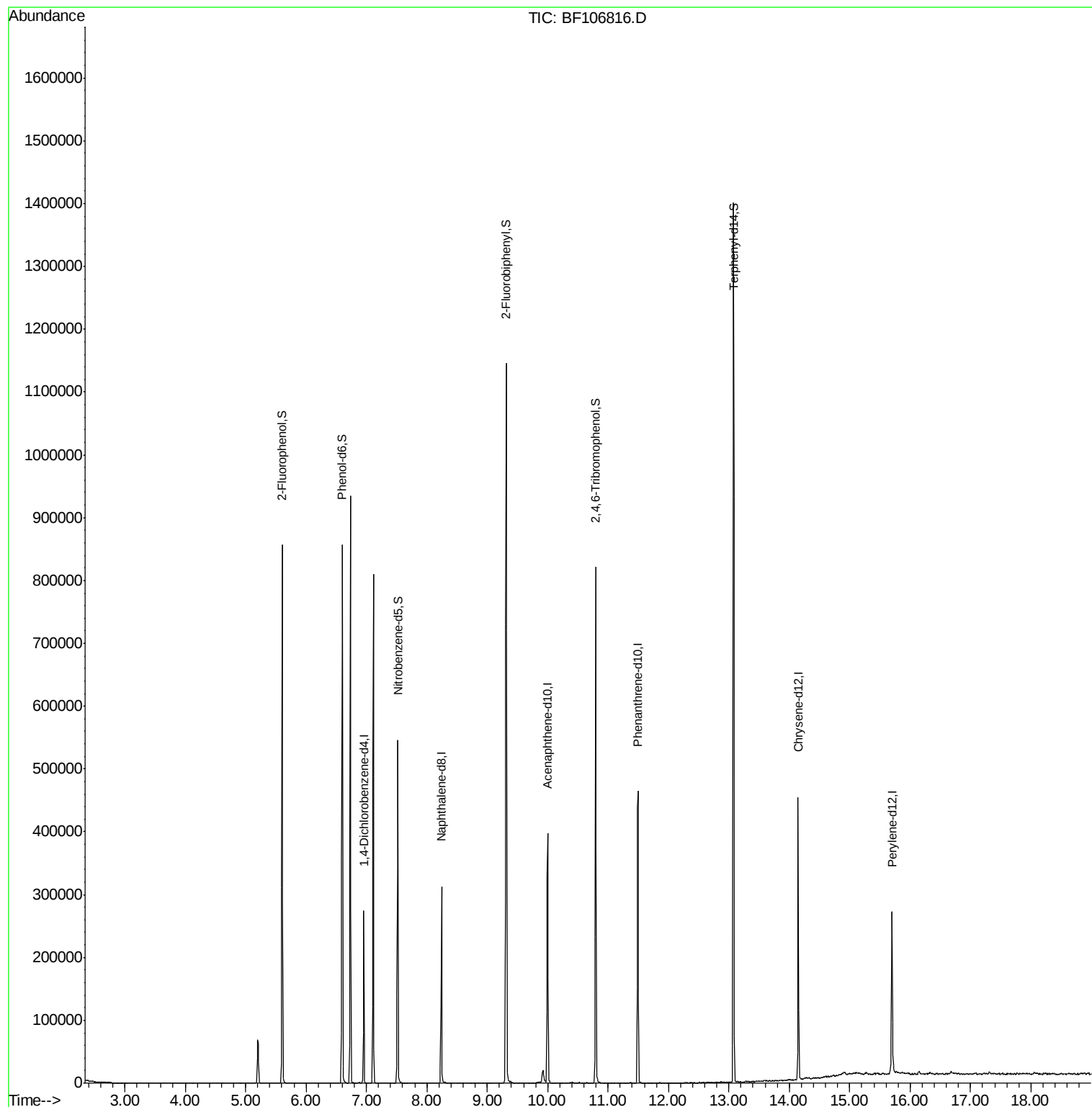
Target Compounds Qvalue

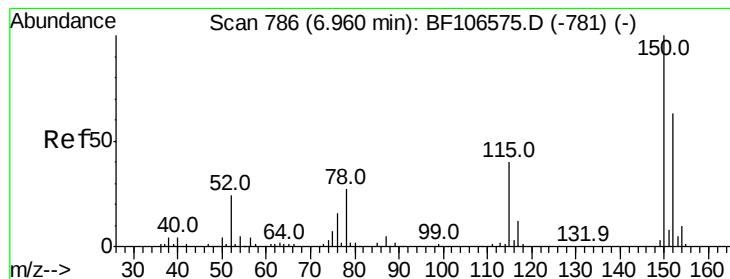
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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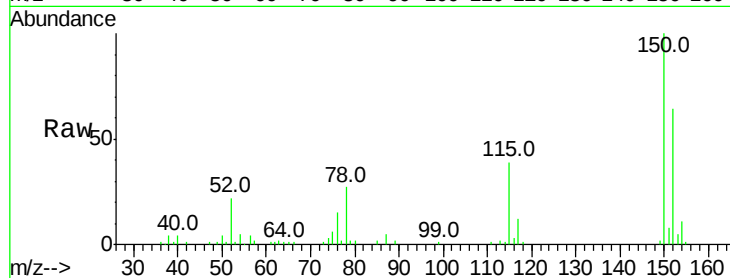


#1

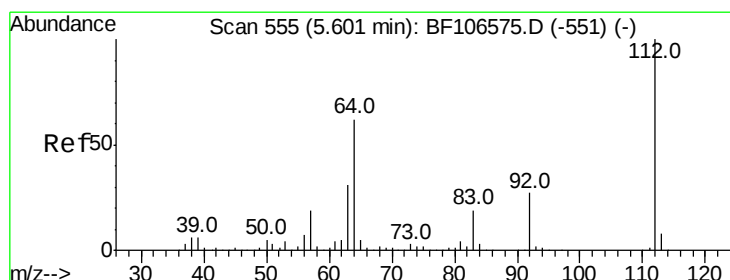
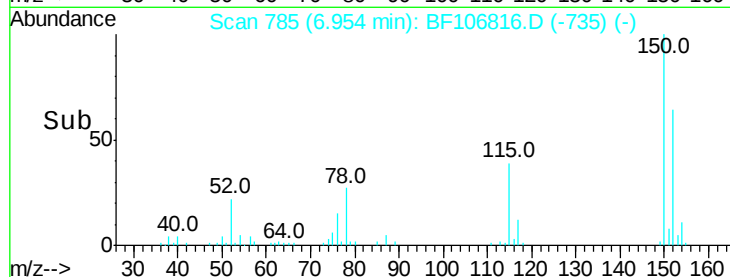
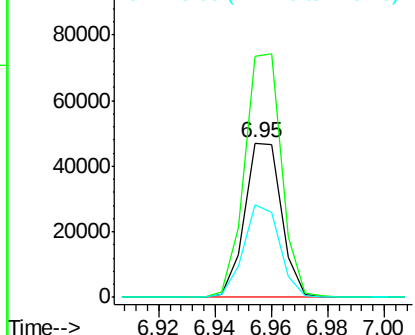
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106816.D
Acq: 26 Jun 2018 12:24

Instrument :
BNA_F
ClientSampleId :
PB110533BL

Tot Ion:152 Resp: 42569
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.2 50.1 75.1



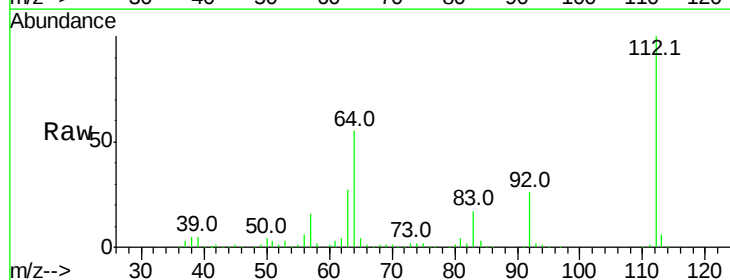
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



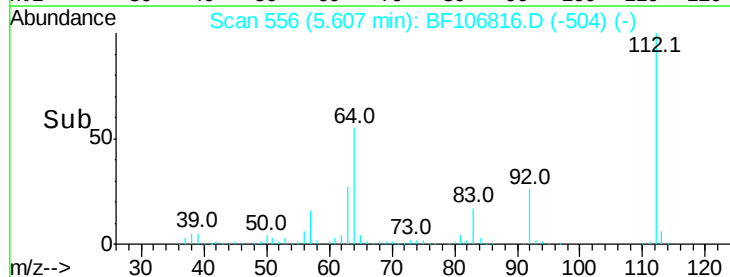
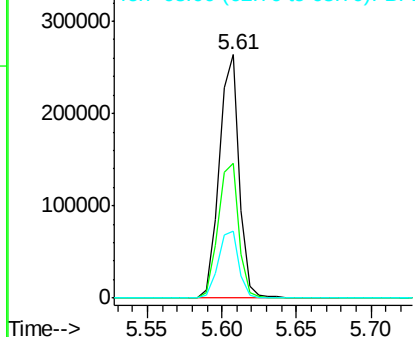
#5

2-Fluorophenol
Concen: 98.597 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106816.D
Acq: 26 Jun 2018 12:24

Tgt Ion:112 Resp: 247867
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.3 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: 98.032 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106816.D

Acq: 26 Jun 2018 12:24

Instrument :

BNA_F

ClientSampleId :

PB110533BL

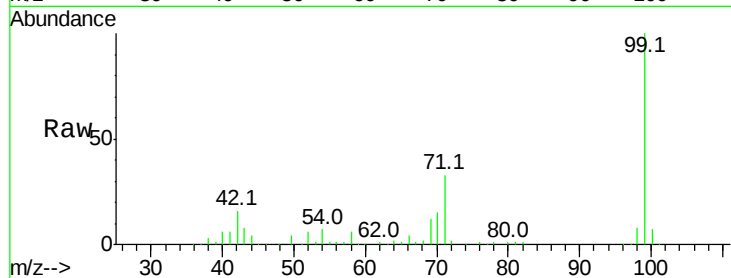
Tot Ion: 99 Resp: 307763

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

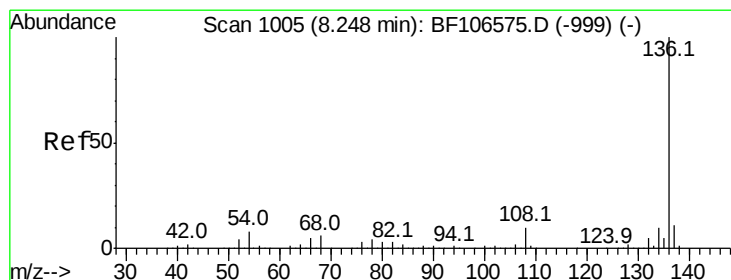
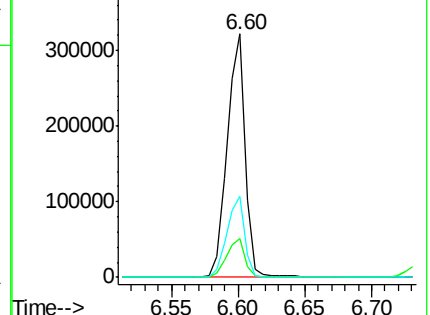
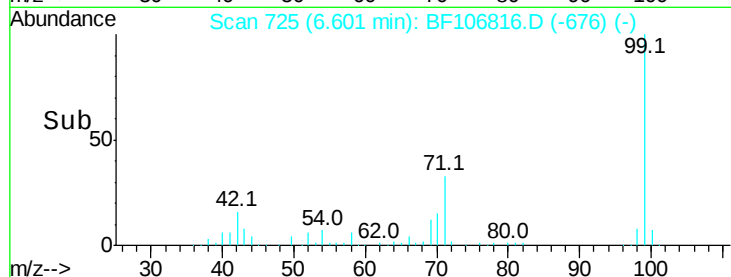
71 33.4 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106816.D

Acq: 26 Jun 2018 12:24

Tgt Ion: 136 Resp: 166353

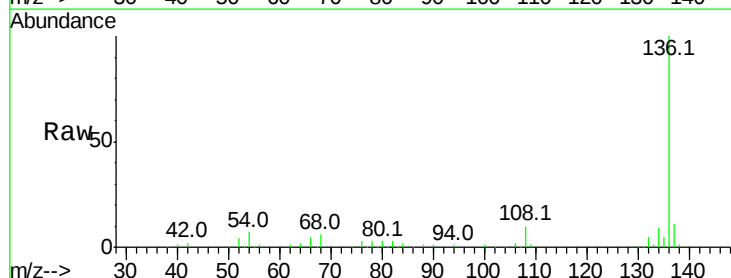
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

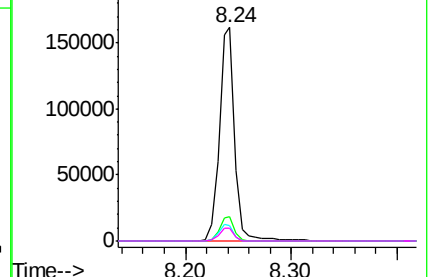
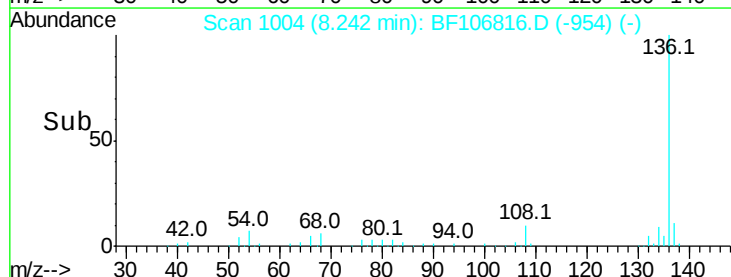


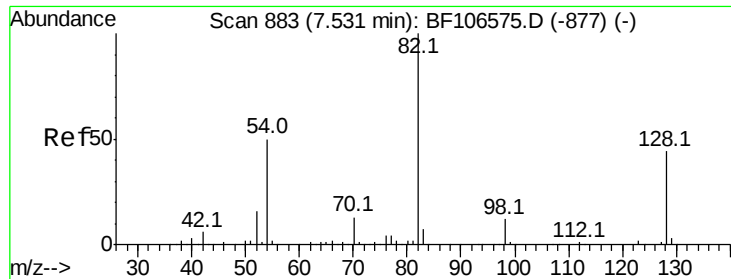
Abundance Ion 136.00 (135.70 to 136.70): E

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

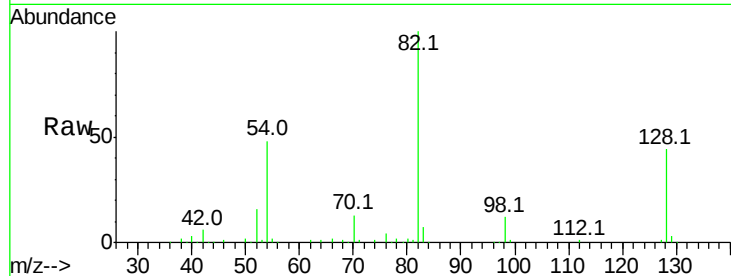




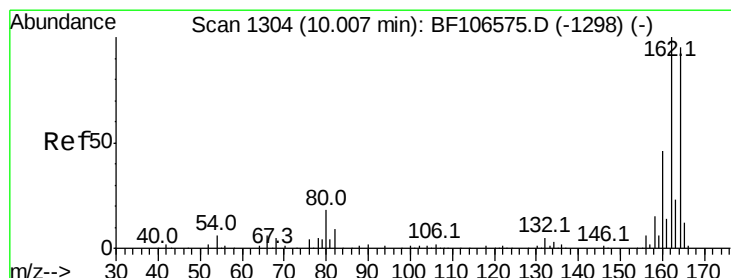
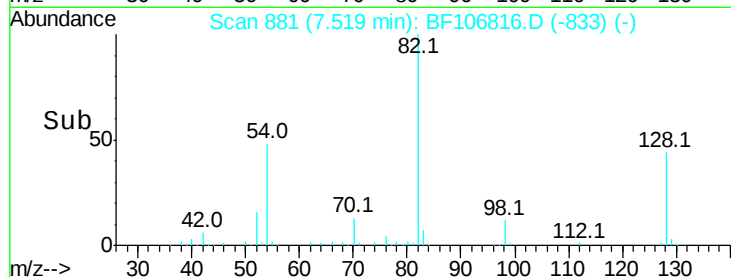
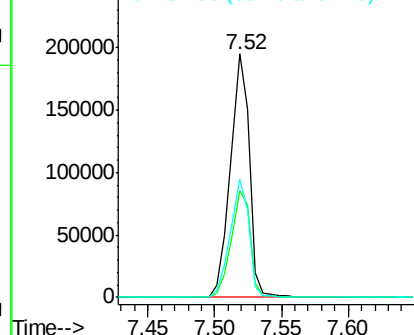
#23
Nitrobenzene-d5
Concen: 66.238 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106816.D
Acq: 26 Jun 2018 12:24

Instrument :
BNA_F
ClientSampleId :
PB110533BL

Tot Ion: 82 Resp: 198277
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 48.4 41.4 62.2

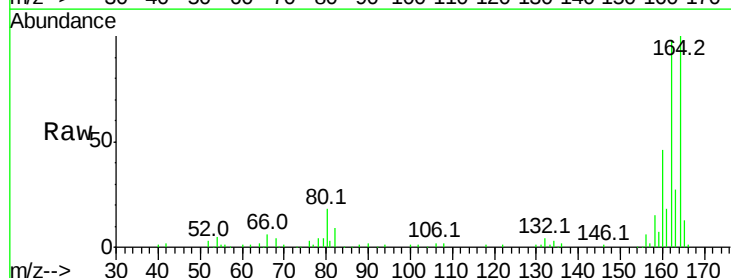


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

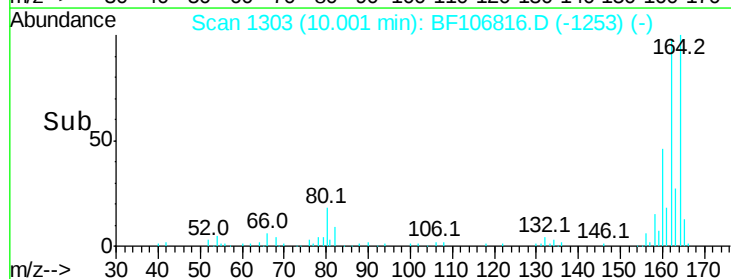
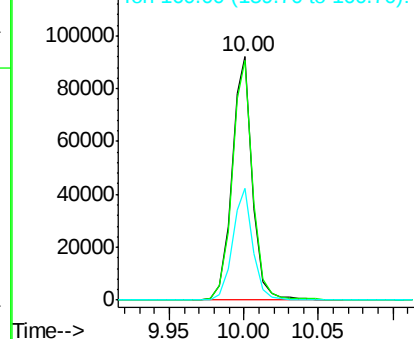


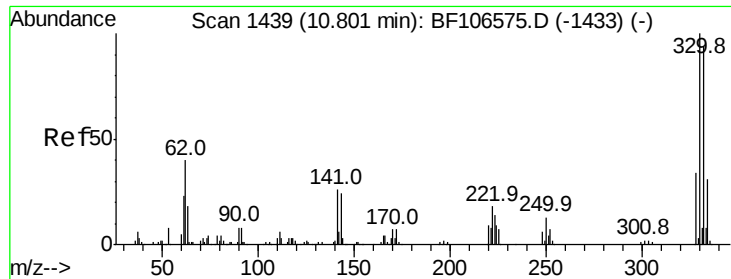
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106816.D
Acq: 26 Jun 2018 12:24

Tgt Ion:164 Resp: 88968
Ion Ratio Lower Upper
164 100
162 98.3 86.1 129.1
160 45.8 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

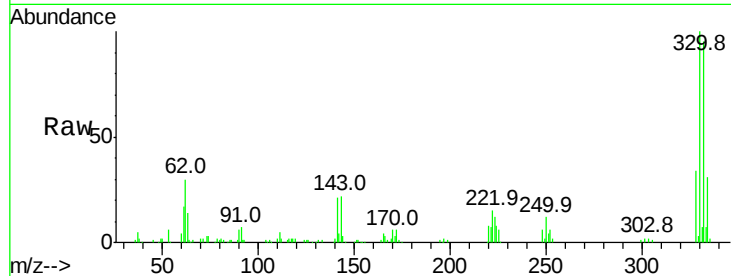




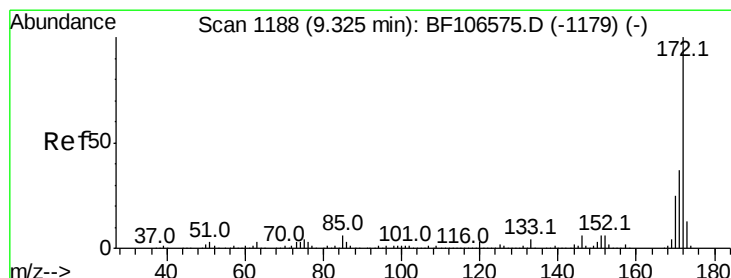
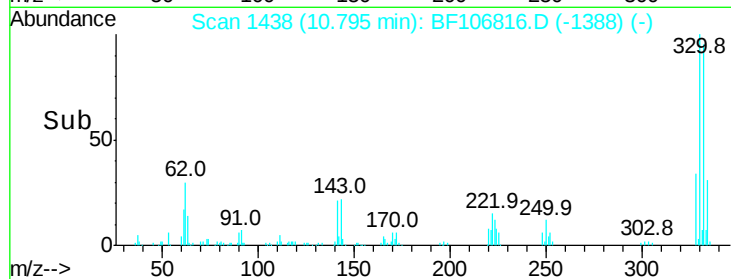
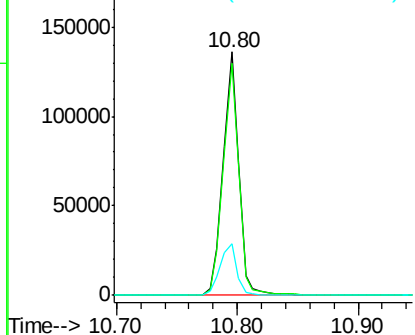
#41
 2,4,6-Tribromophenol
 Concen: 119.219 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106816.D
 Acq: 26 Jun 2018 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	22.3	29.9	44.9#

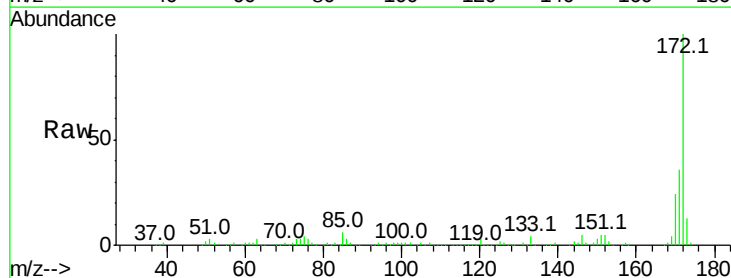


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

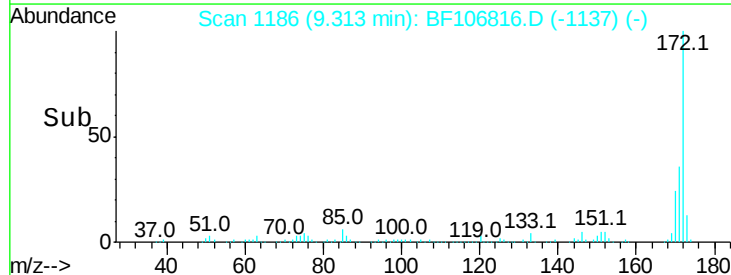
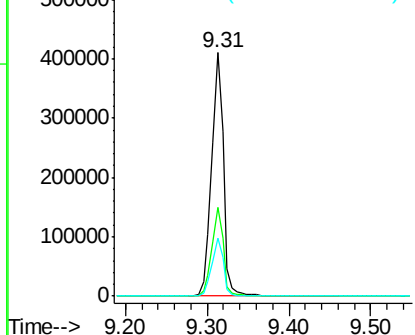


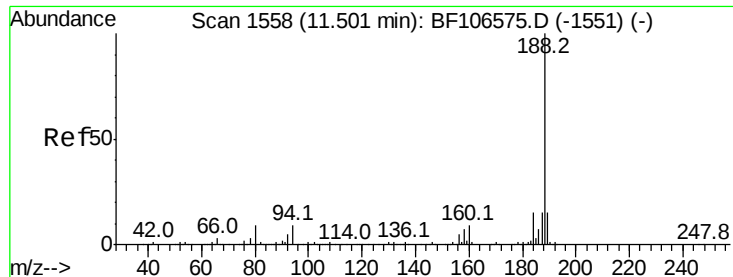
#44
 2-Fluorobiphenyl
 Concen: 77.245 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106816.D
 Acq: 26 Jun 2018 12:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106816.D

Acq: 26 Jun 2018 12:24

Instrument :

BNA_F

ClientSampled :

PB110533BL

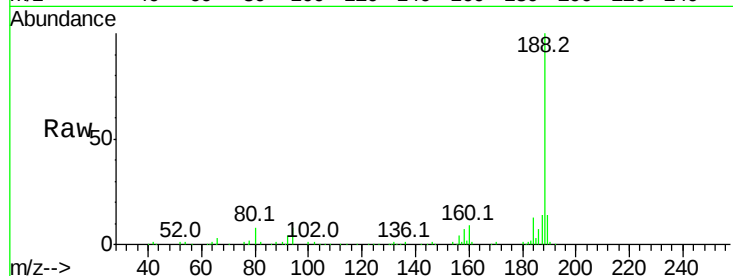
Tot Ion:188 Resp: 193525

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

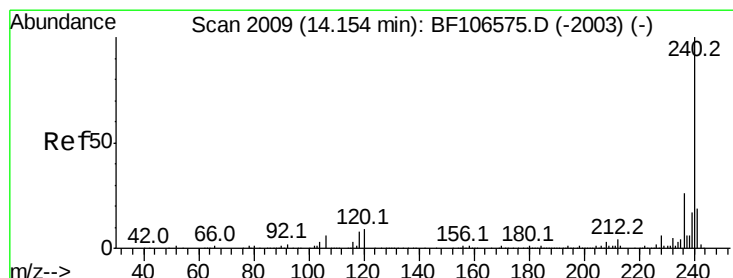
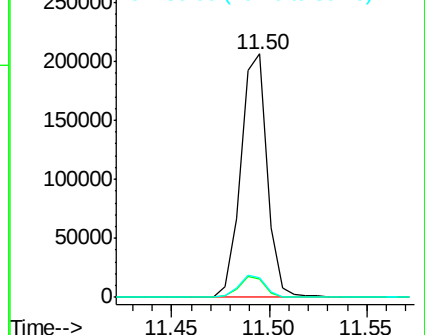
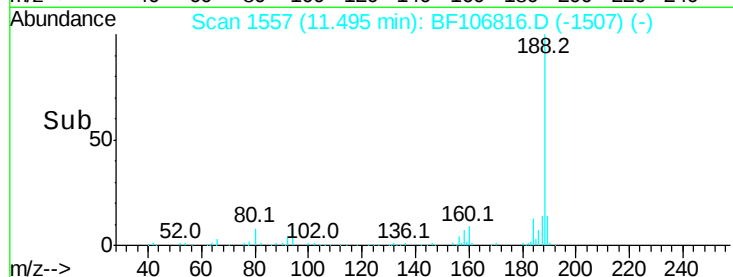
80 7.8 9.2 13.8#



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. -0.02 min

Lab File: BF106816.D

Acq: 26 Jun 2018 12:24

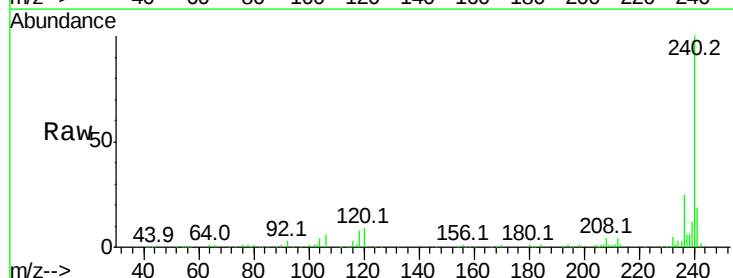
Tgt Ion:240 Resp: 177592

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

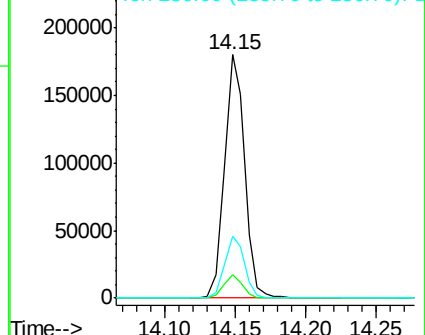
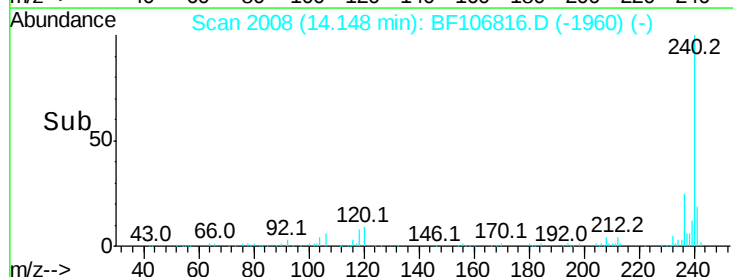
236 25.3 20.7 31.1

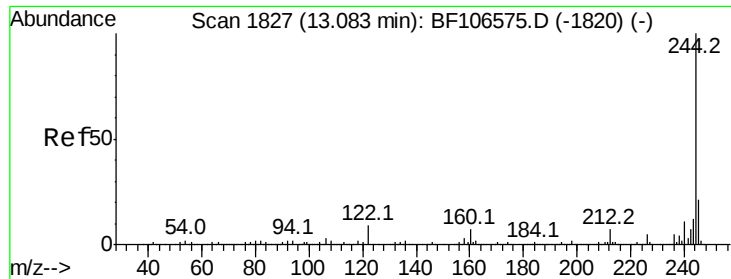


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

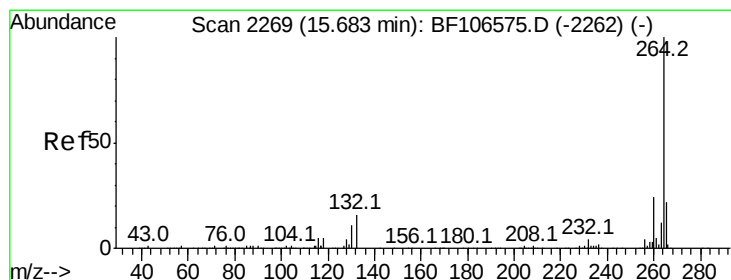
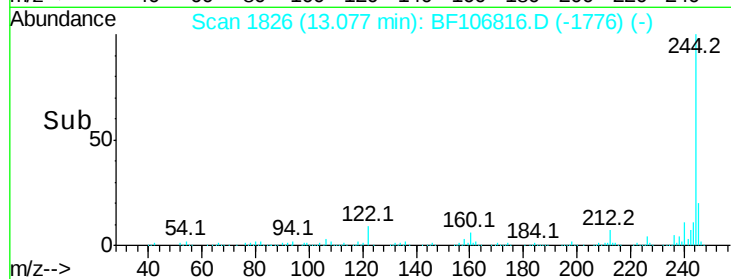
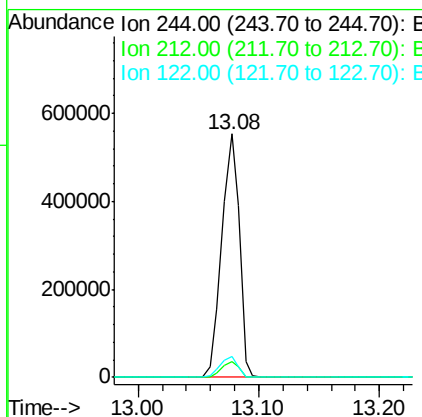
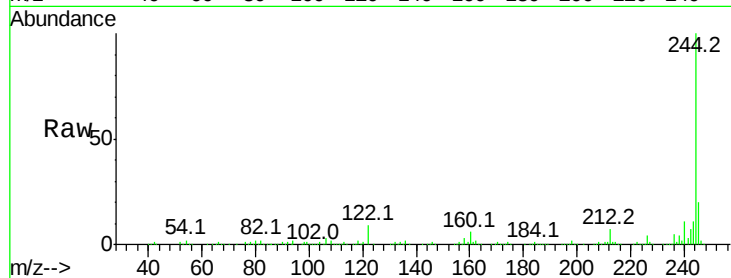




#78
 Terphenyl-d14
 Concen: 75.588 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106816.D
 Acq: 26 Jun 2018 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BL

Tot Ion:244 Resp: 554177
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF106816.D
 Acq: 26 Jun 2018 12:24

Tgt Ion:264 Resp: 144577
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.5 26.3

