

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106817.D
 Acq On : 26 Jun 2018 12:50
 Operator : JU/SJ
 Sample : PB110533TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110533TB

Quant Time: Jun 26 15:00:03 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	6.96	152	46075	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	180258	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	95049	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	203333	20.00	ng	0.00
75) Chrysene-d12	14.15	240	181943	20.00	ng	-0.02
86) Perylene-d12	15.69	264	153839	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	300153	110.31	ng	0.00
7) Phenol-d6	6.60	99	382552	112.58	ng	-0.01
23) Nitrobenzene-d5	7.52	82	245673	75.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	148449	134.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	486291	86.93	ng	-0.01
78) Terphenyl-d14	13.08	244	648640	86.36	ng	0.00

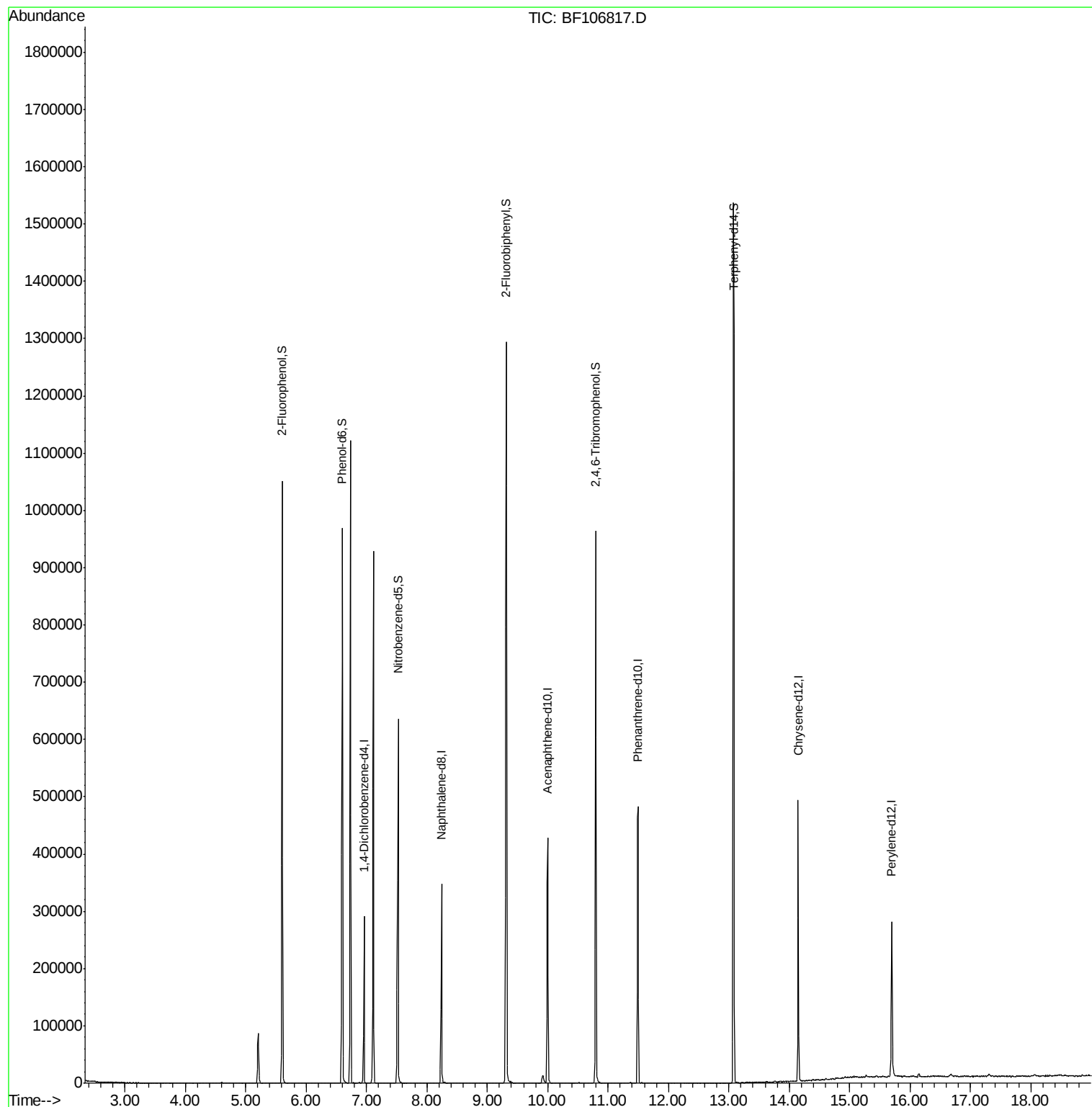
Target Compounds Qvalue

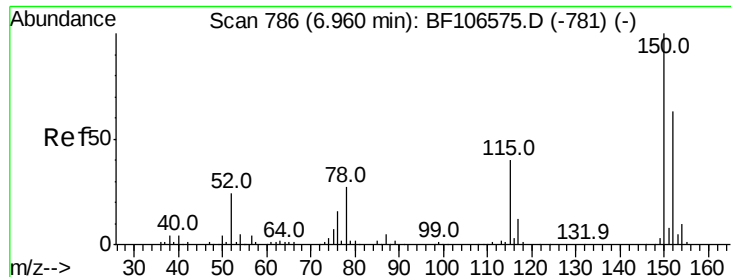
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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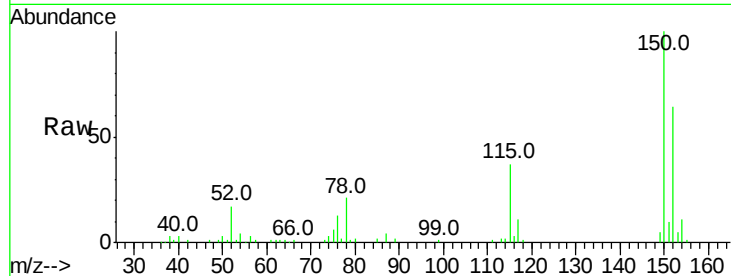


#1

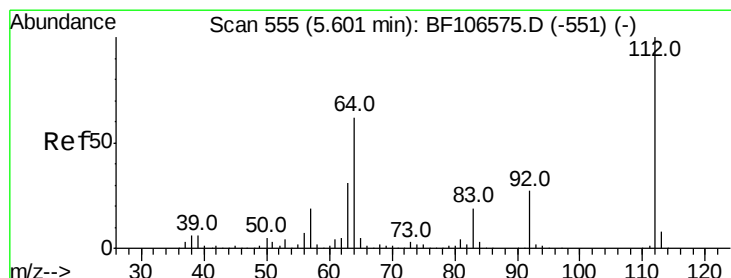
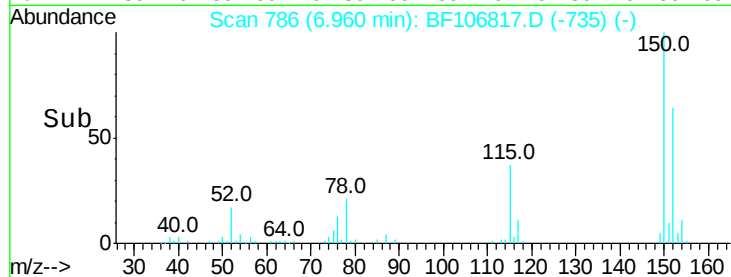
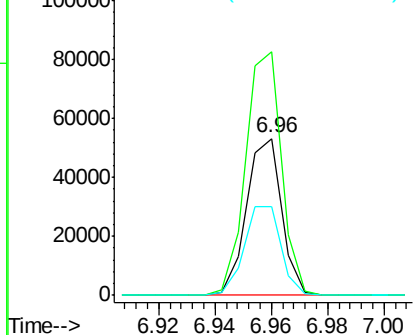
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106817.D
Acq: 26 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110533TB

Tot Ion:152 Resp: 46075
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 56.8 50.1 75.1



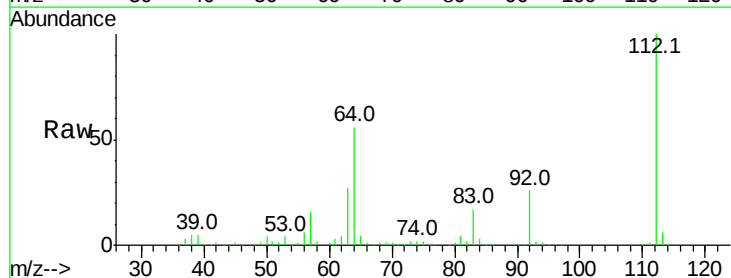
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



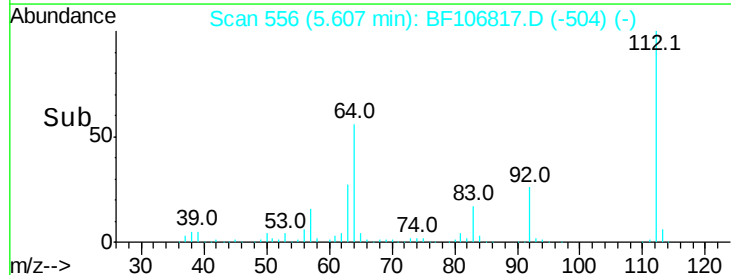
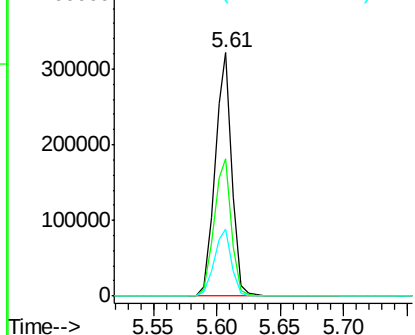
#5

2-Fluorophenol
Concen: 110.310 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106817.D
Acq: 26 Jun 2018 12:50

Tgt Ion:112 Resp: 300153
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.4 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: 112.582 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106817.D

Acq: 26 Jun 2018 12:50

Instrument :

BNA_F

ClientSampleId :

PB110533TB

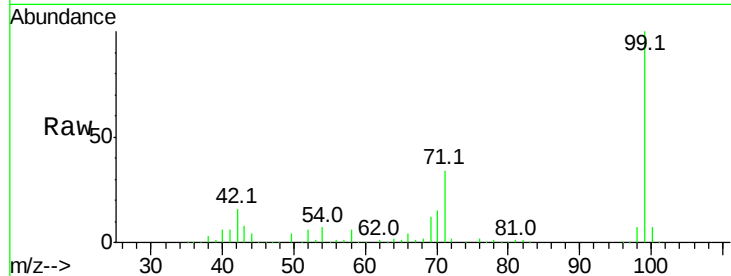
Tot Ion: 99 Resp: 382552

Ion Ratio Lower Upper

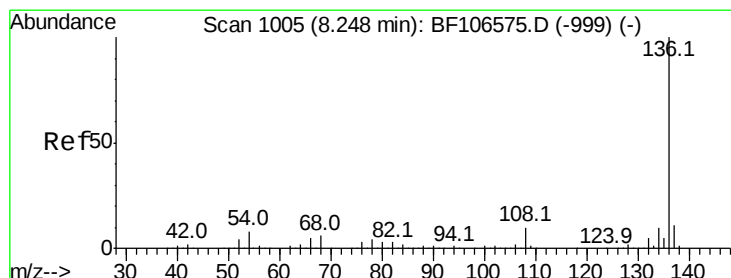
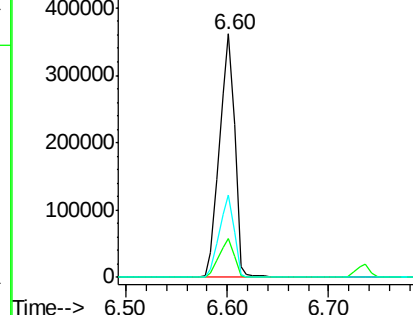
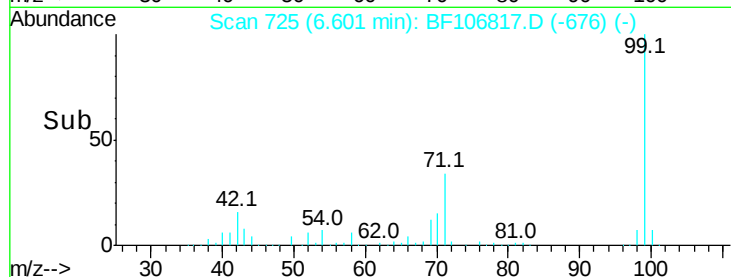
99 100

42 16.0 14.5 21.7

71 33.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106817.D

Acq: 26 Jun 2018 12:50

Tgt Ion: 136 Resp: 180258

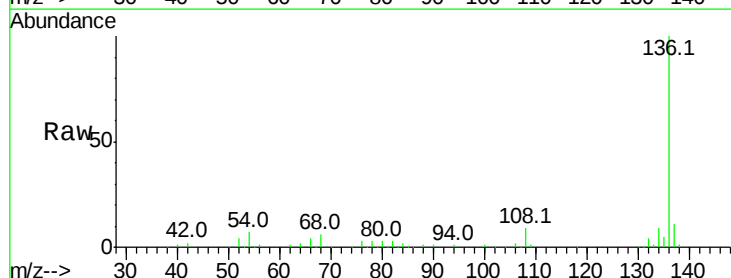
Ion Ratio Lower Upper

136 100

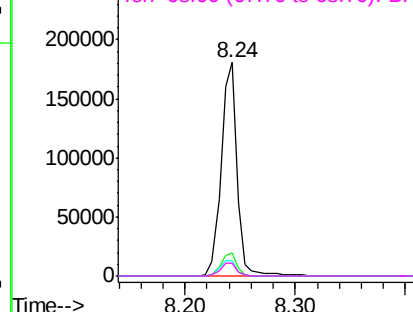
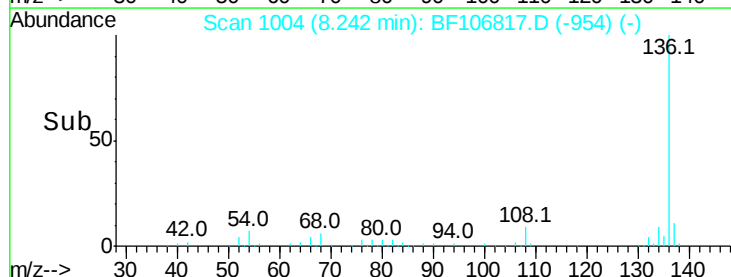
137 10.5 8.9 13.3

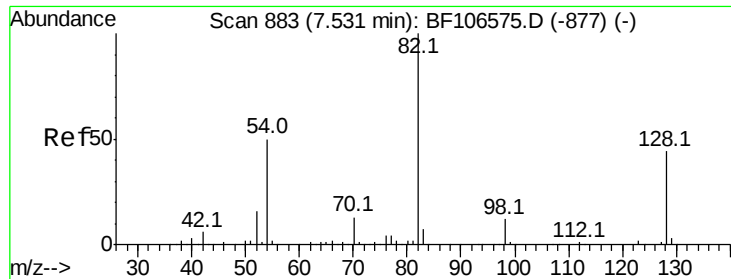
54 7.3 6.6 9.8

68 5.8 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

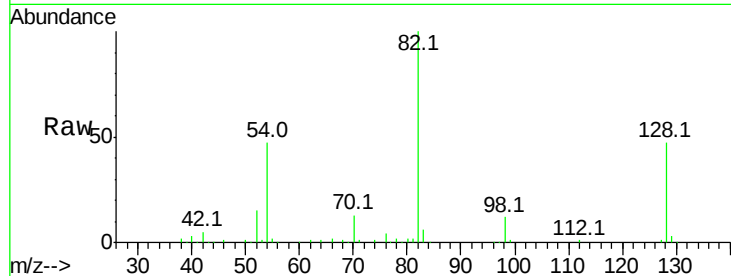




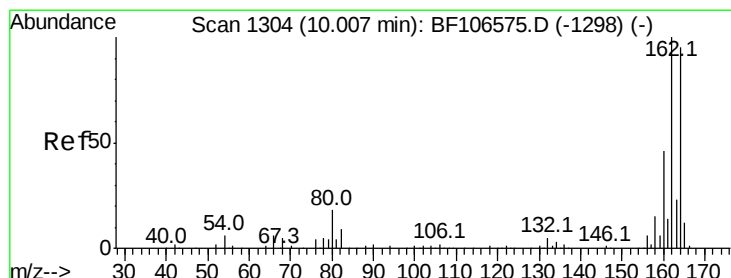
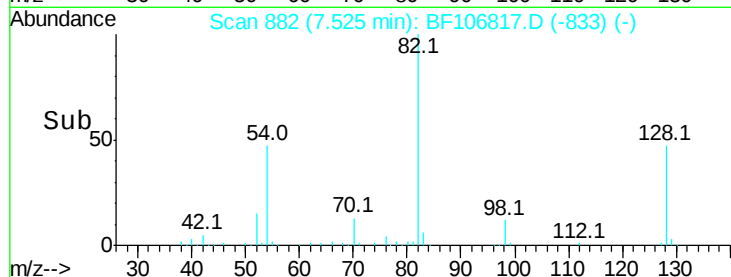
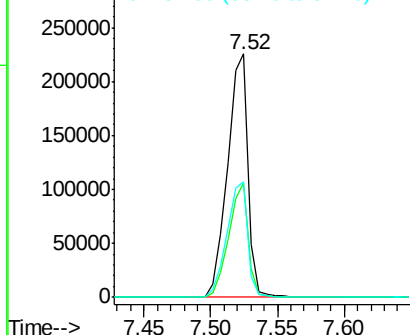
#23
 Nitrobenzene-d5
 Concen: 75.741 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106817.D
 Acq: 26 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110533TB

Tot Ion	82	Resp	245673
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	47.5	41.4	62.2

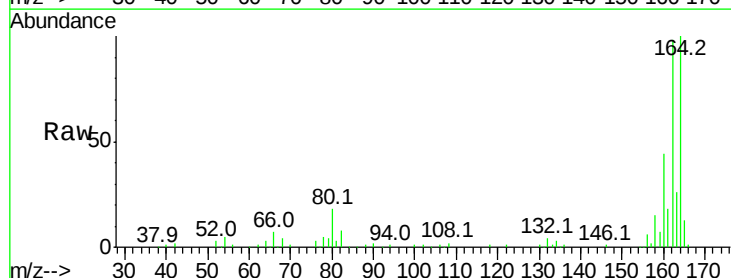


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

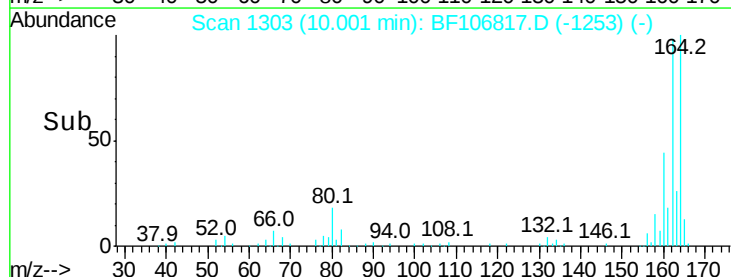
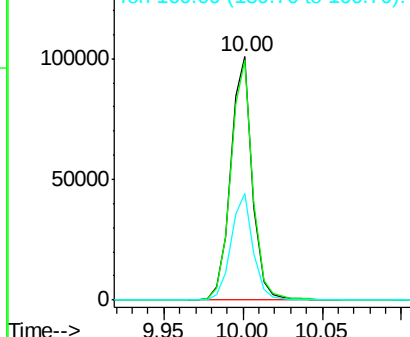


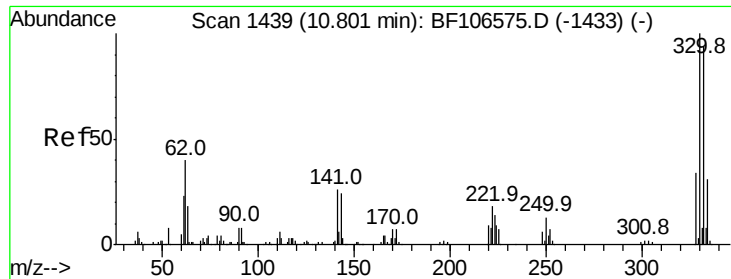
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106817.D
 Acq: 26 Jun 2018 12:50

Tgt Ion	164	Resp	95049
Ion Ratio	Lower	Upper	
164	100		
162	98.4	86.1	129.1
160	43.6	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

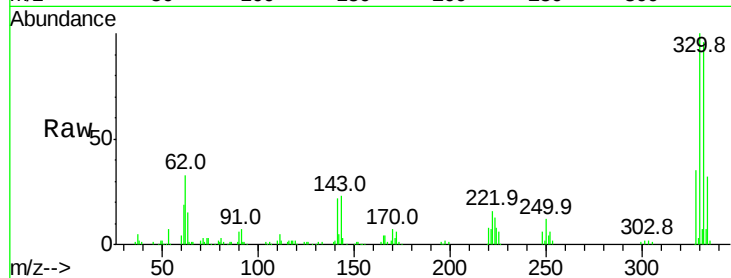




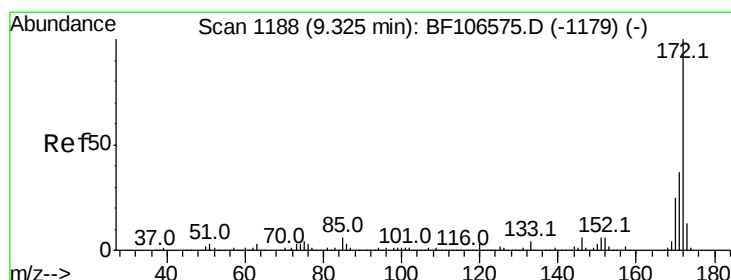
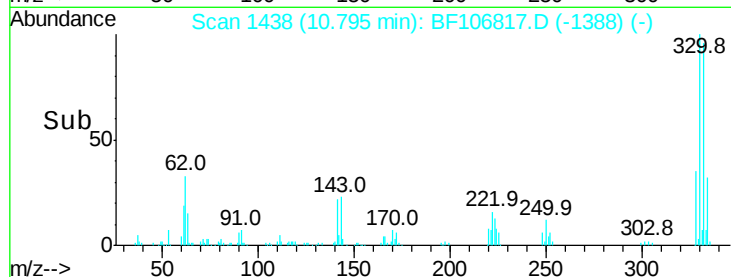
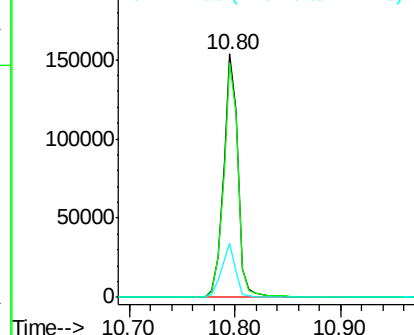
#41
 2,4,6-Tribromophenol
 Concen: 134.752 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106817.D
 Acq: 26 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110533TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	21.8	29.9	44.9#

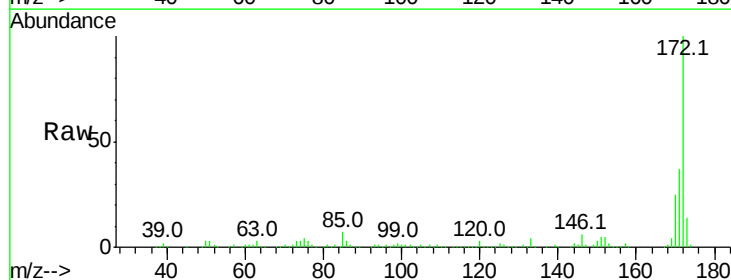


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

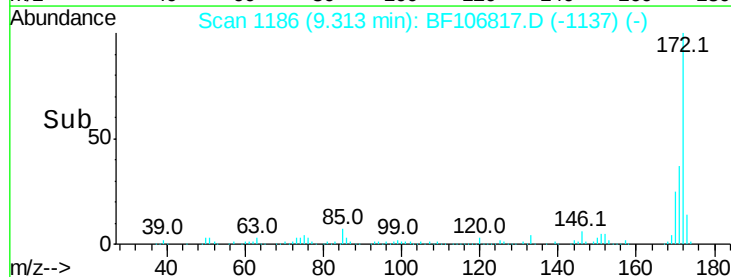
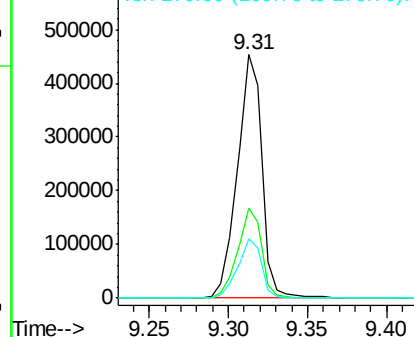


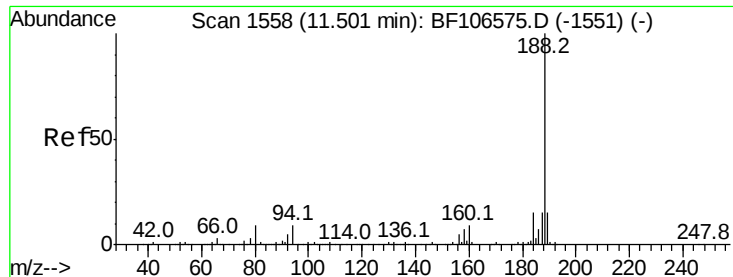
#44
 2-Fluorobiphenyl
 Concen: 86.934 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106817.D
 Acq: 26 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106817.D

Acq: 26 Jun 2018 12:50

Instrument :

BNA_F

ClientSampled :

PB110533TB

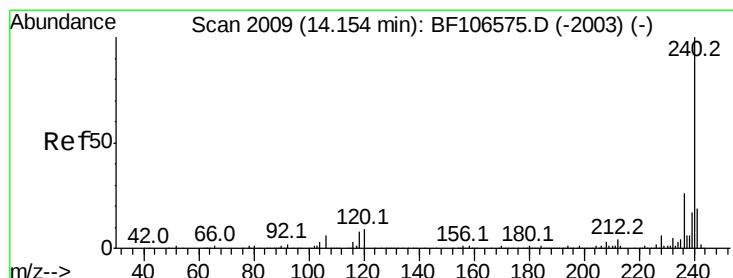
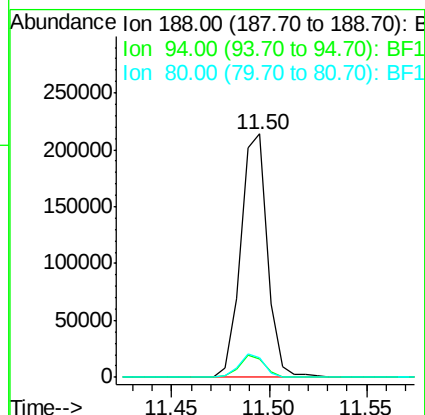
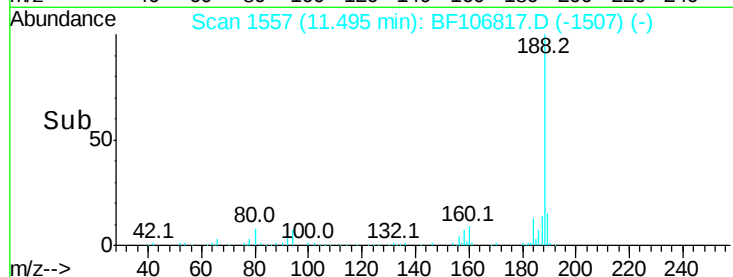
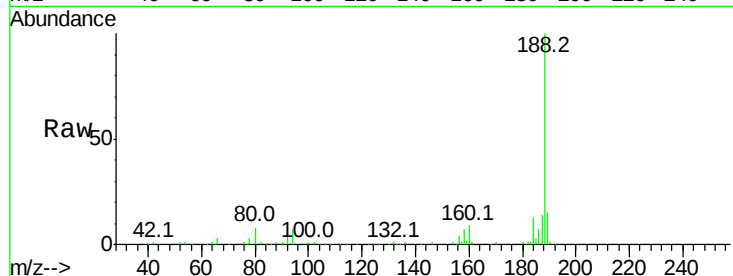
Tot Ion:188 Resp: 203333

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

80 8.1 9.2 13.8#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106817.D

Acq: 26 Jun 2018 12:50

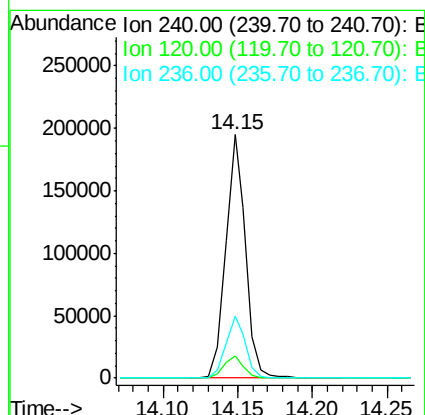
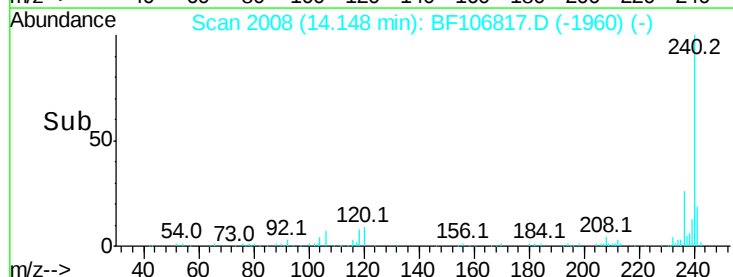
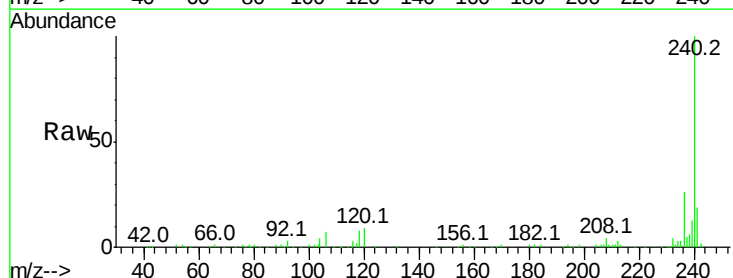
Tgt Ion:240 Resp: 181943

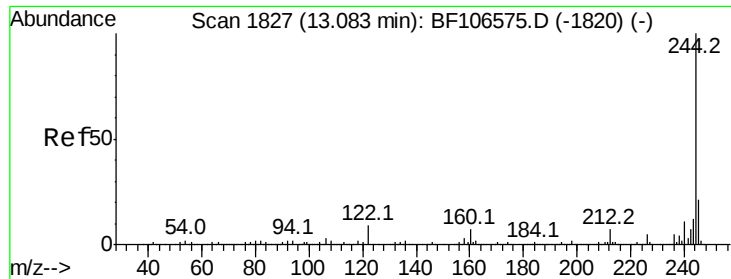
Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

236 25.6 20.7 31.1

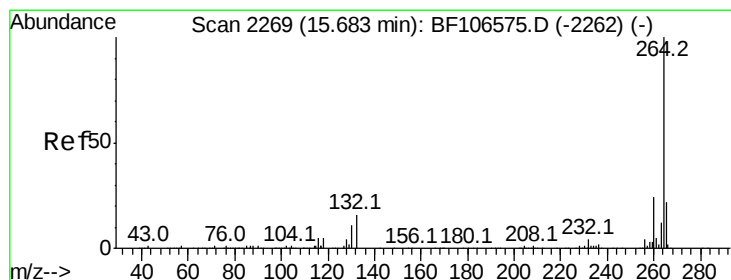
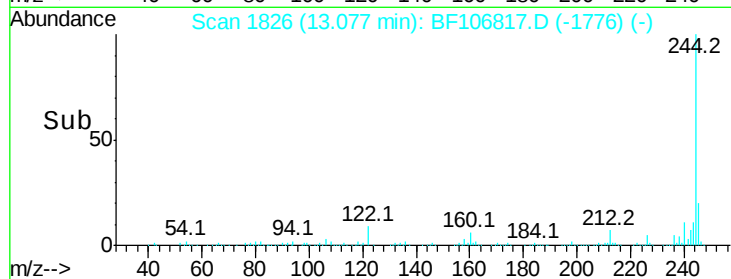
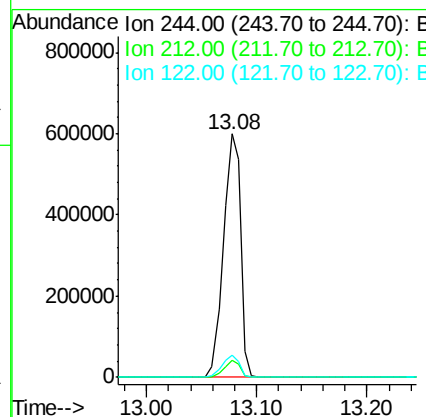
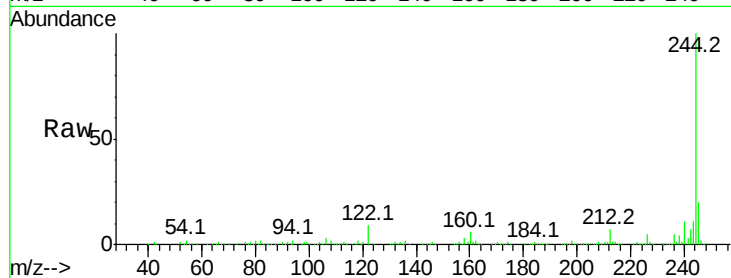




#78
 Terphenyl-d14
 Concen: 86.357 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106817.D
 Acq: 26 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110533TB

Tot Ion:244 Resp: 648640
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF106817.D
 Acq: 26 Jun 2018 12:50

Tgt Ion:264 Resp: 153839
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.4 17.5 26.3

