

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106860.D
 Acq On : 27 Jun 2018 8:37
 Operator : JU/SJ
 Sample : J3693-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Time: Jun 27 11:27:36 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	42062	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	143241	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	61524	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	120064	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	126909	20.00	ng	-0.02
86) Perylene-d12	15.68	264	80409	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	158741	63.91	ng	0.00
7) Phenol-d6	6.60	99	119733	38.60	ng	-0.02
23) Nitrobenzene-d5	7.52	82	230158	89.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	108267	151.83	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	391470	112.47	ng	-0.01
78) Terphenyl-d14	13.08	244	512638	97.85	ng	0.00

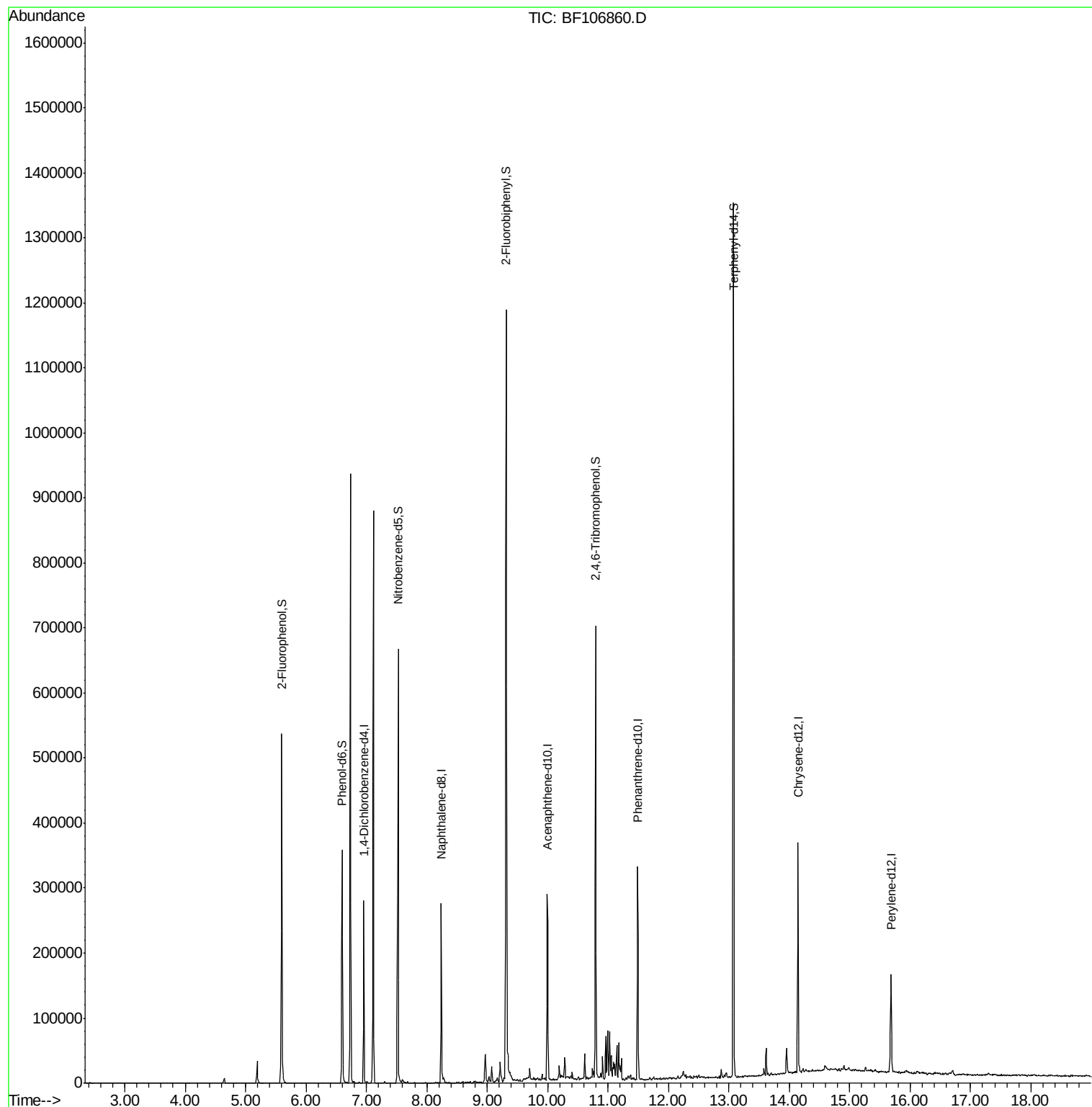
Target Compounds Qvalue

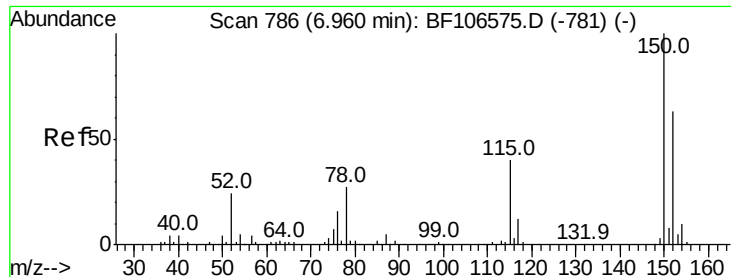
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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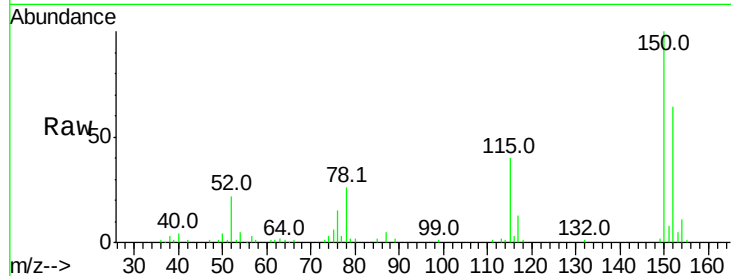


#1

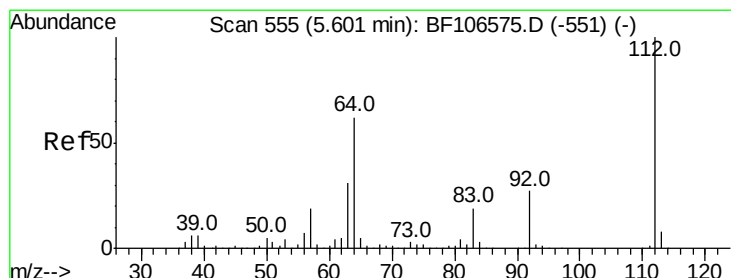
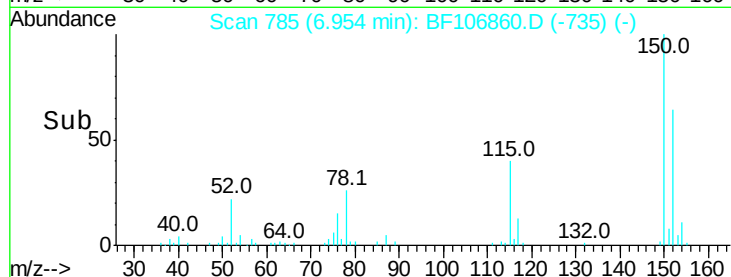
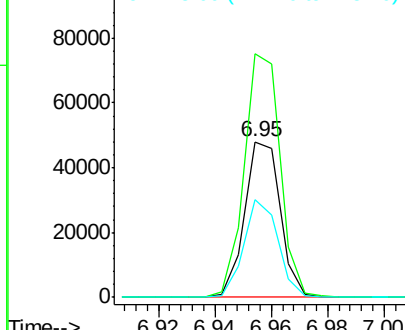
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106860.D
Acq: 27 Jun 2018 8:37

Instrument :
BNA_F
ClientSampleId :
W-15

Tot Ion:152 Resp: 42062
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 62.5 50.1 75.1



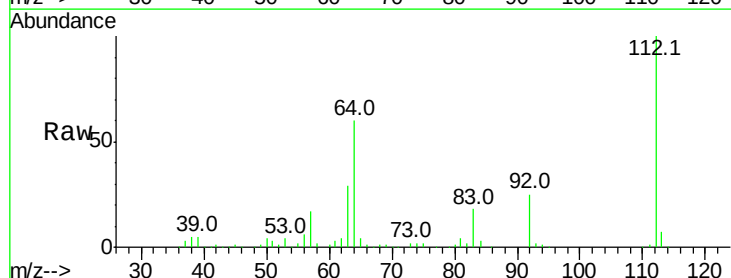
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



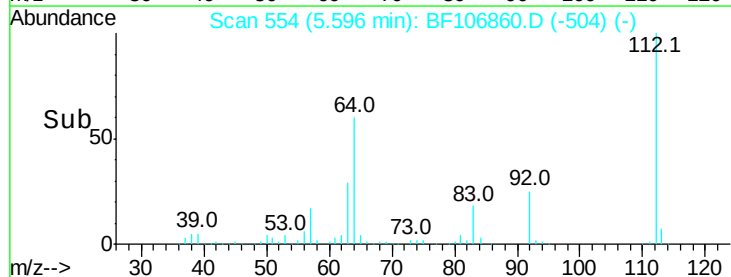
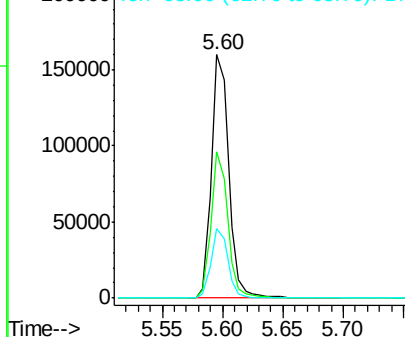
#5

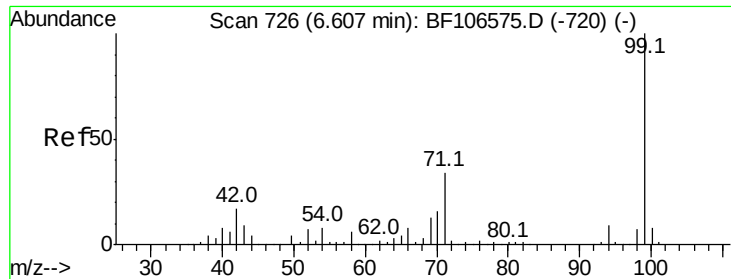
2-Fluorophenol
Concen: 63.905 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106860.D
Acq: 27 Jun 2018 8:37

Tgt Ion:112 Resp: 158741
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 28.7 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: 38.598 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106860.D

Acq: 27 Jun 2018 8:37

Instrument :

BNA_F

ClientSampleId :

W-15

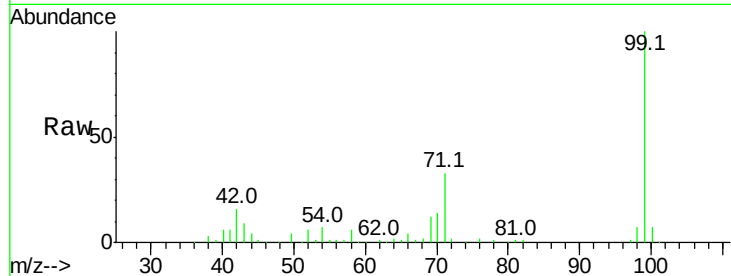
Tot Ion: 99 Resp: 119733

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

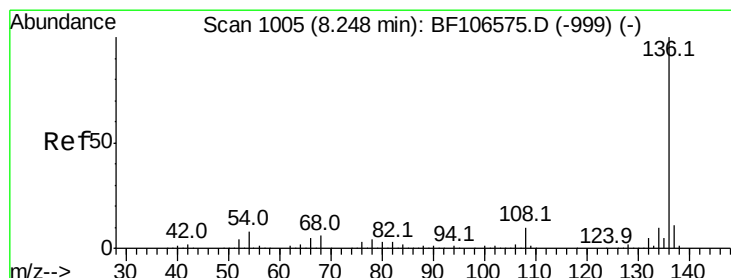
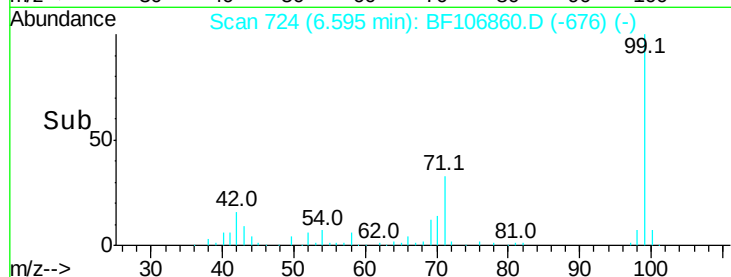
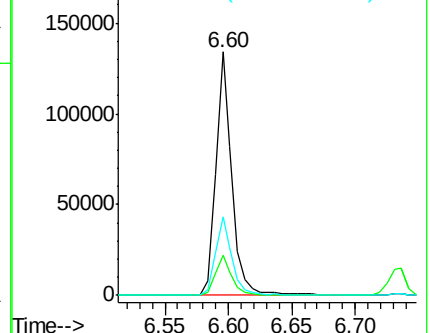
71 32.5 25.4 38.0



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: BF106860.D

Acq: 27 Jun 2018 8:37

Tgt Ion: 136 Resp: 143241

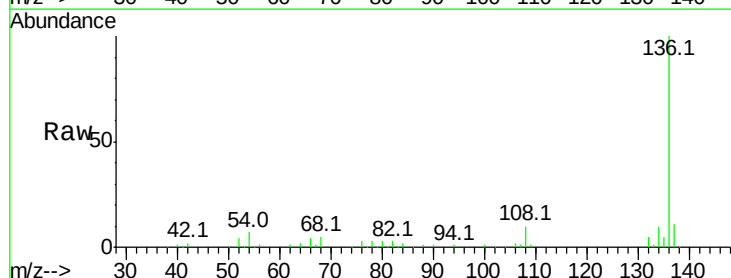
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 5.4 5.0 7.4

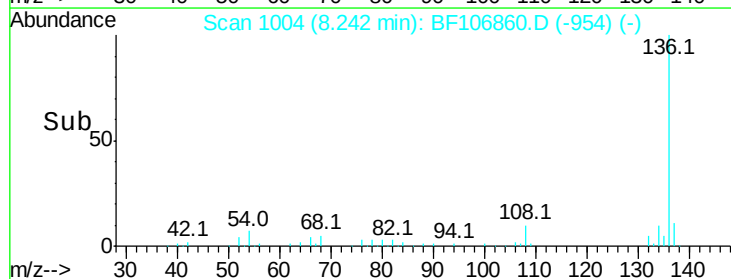
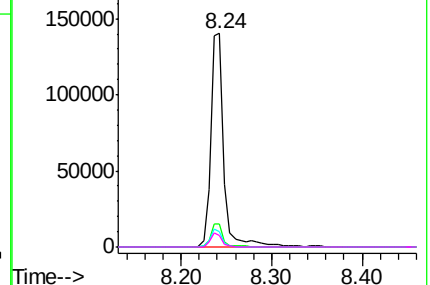


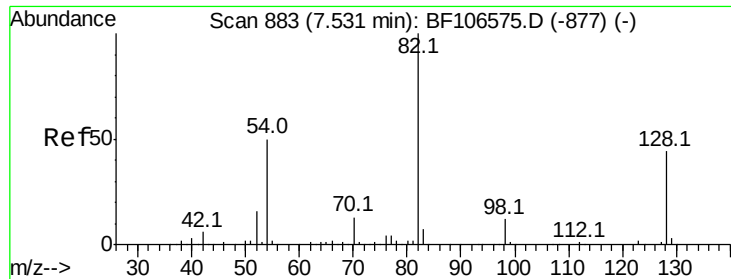
Abundance Ion 136.00 (135.70 to 136.70): E

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

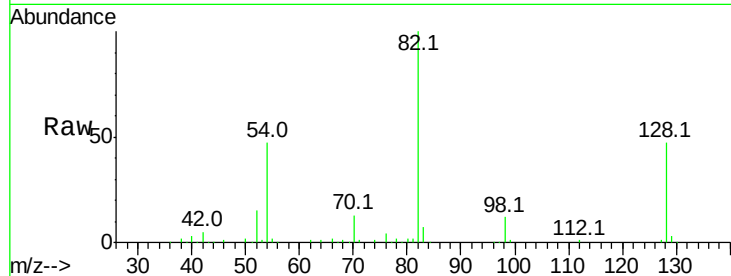




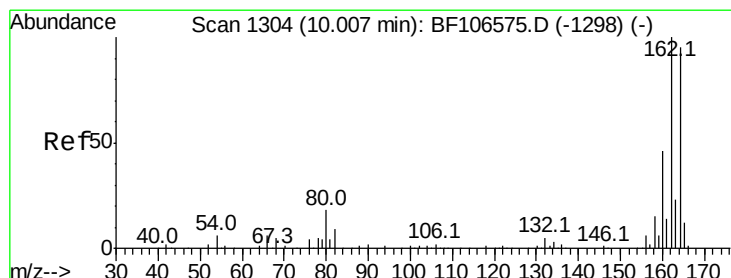
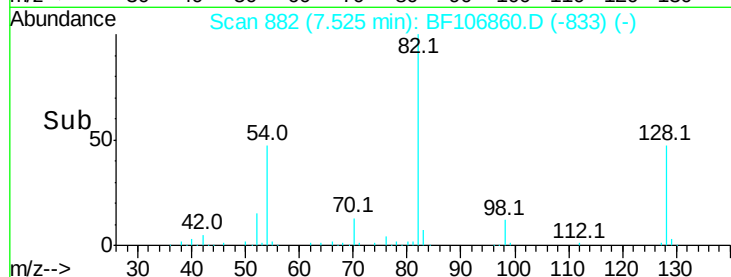
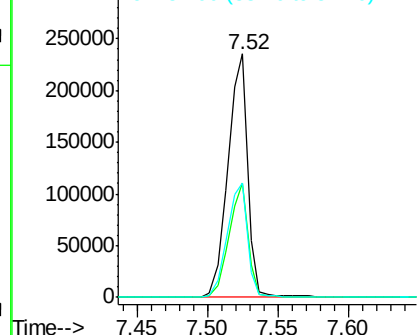
#23
Nitrobenzene-d5
Concen: 89.295 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106860.D
Acq: 27 Jun 2018 8:37

Instrument :
BNA_F
ClientSampleId :
W-15

Tot Ion	82	Resp	230158
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	47.2	41.4	62.2

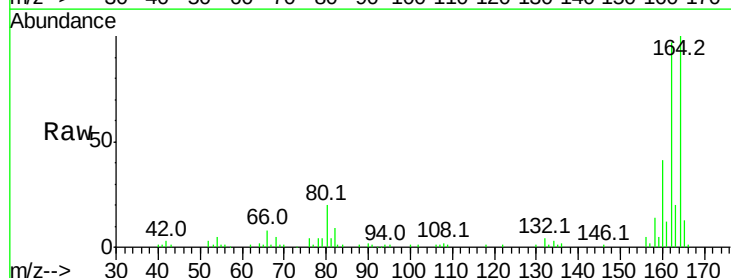


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

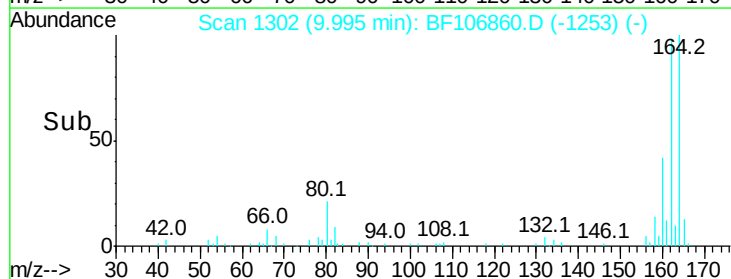
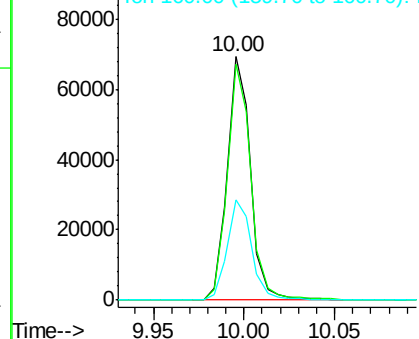


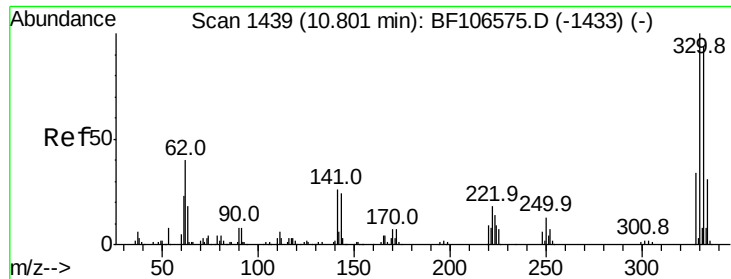
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106860.D
Acq: 27 Jun 2018 8:37

Tgt Ion	164	Resp	61524
Ion Ratio	Lower	Upper	
164	100		
162	96.7	86.1	129.1
160	41.3	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

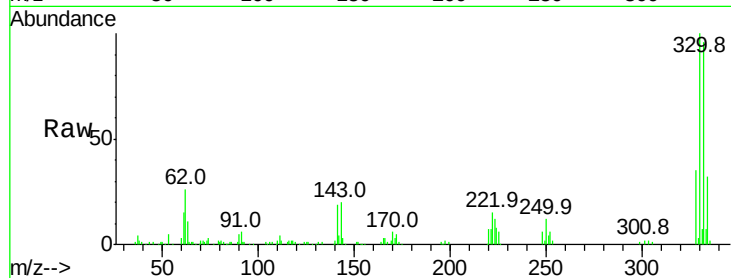




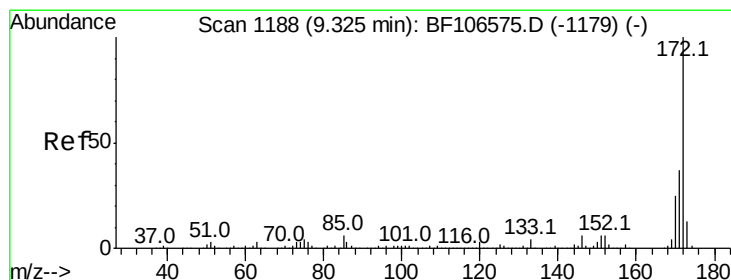
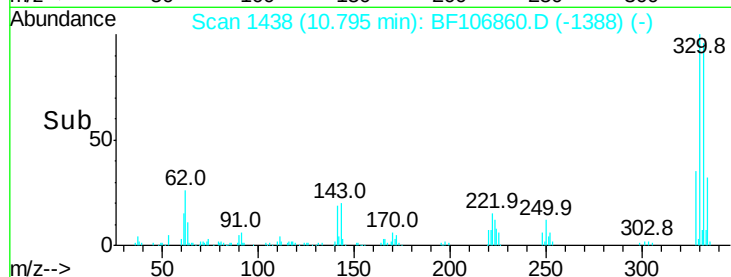
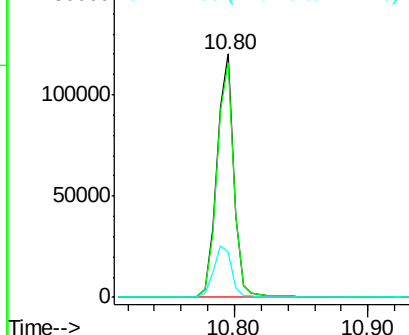
#41
 2,4,6-Tribromophenol
 Concen: 151.830 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106860.D
 Acq: 27 Jun 2018 8:37

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion:330 Resp: 108267
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 22.7 29.9 44.9#

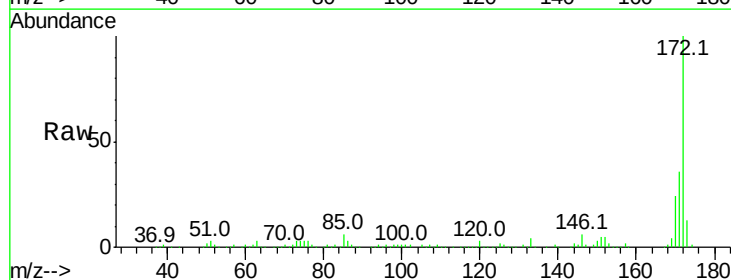


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

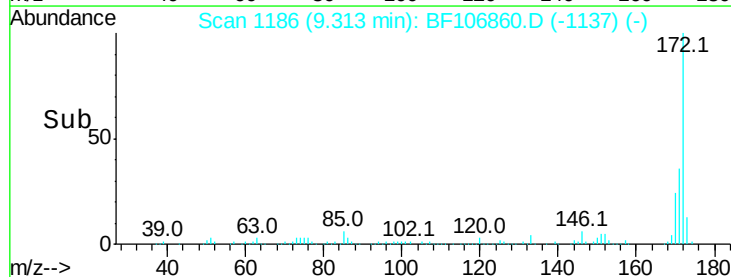
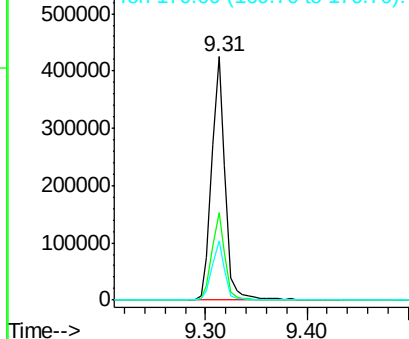


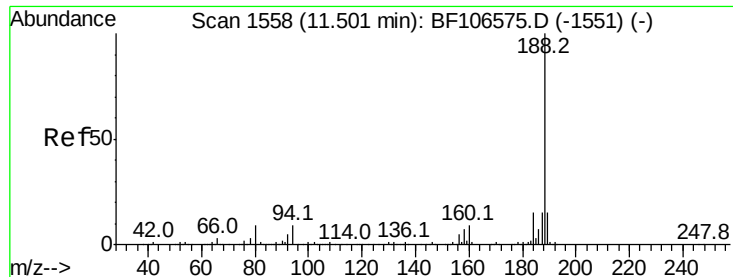
#44
 2-Fluorobiphenyl
 Concen: 112.466 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106860.D
 Acq: 27 Jun 2018 8:37

Tgt Ion:172 Resp: 391470
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

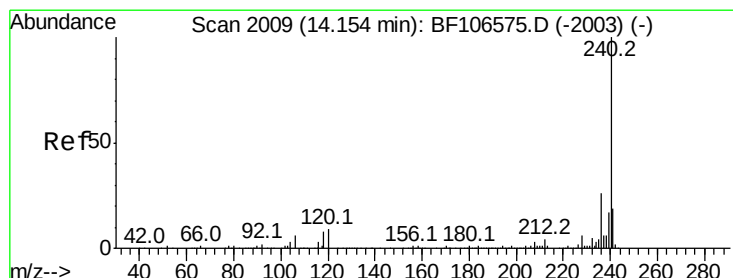
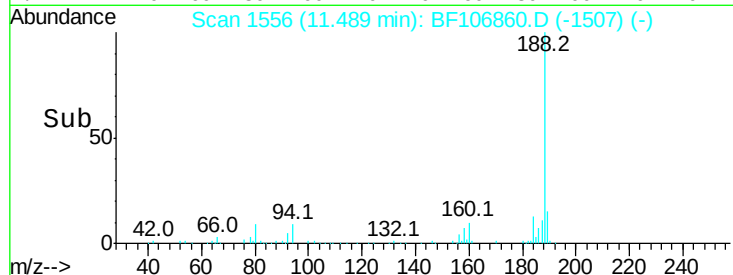
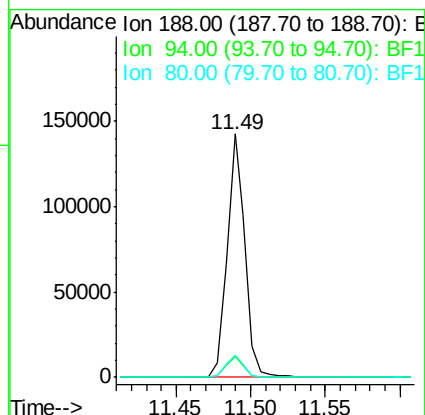
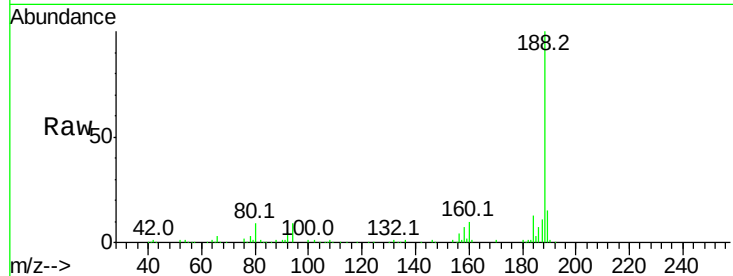




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106860.D
Acq: 27 Jun 2018 8:37

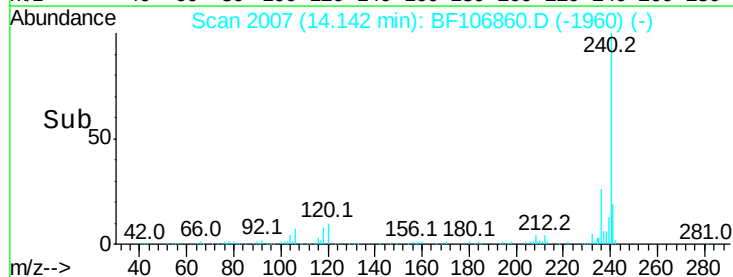
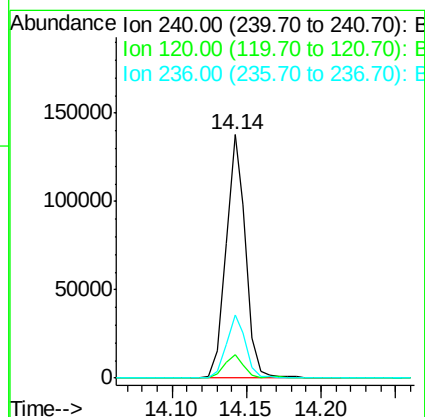
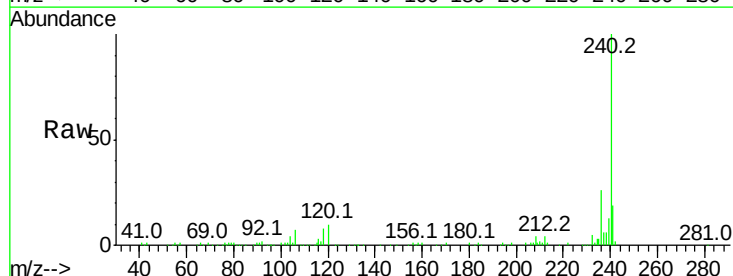
Instrument :
BNA_F
ClientSampleId :
W-15

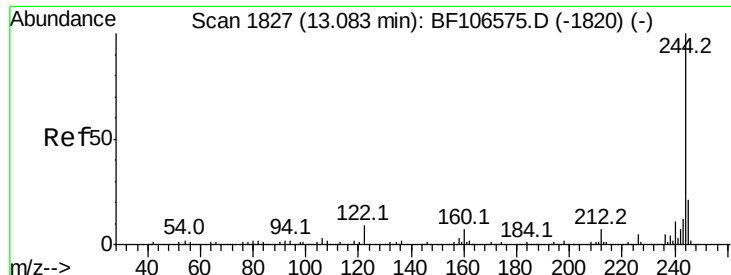
Tot Ion:188 Resp: 120064
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106860.D
Acq: 27 Jun 2018 8:37

Tgt Ion:240 Resp: 126909
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 26.0 20.7 31.1

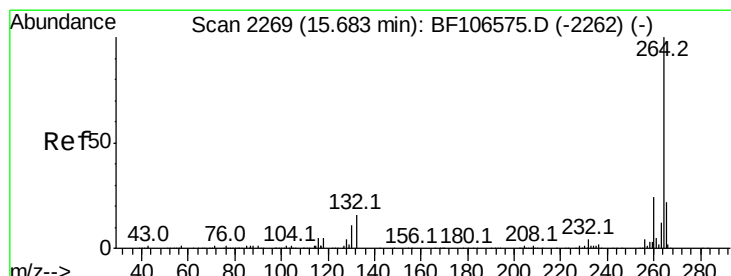
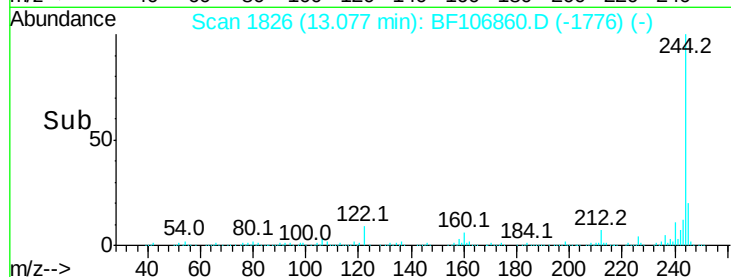
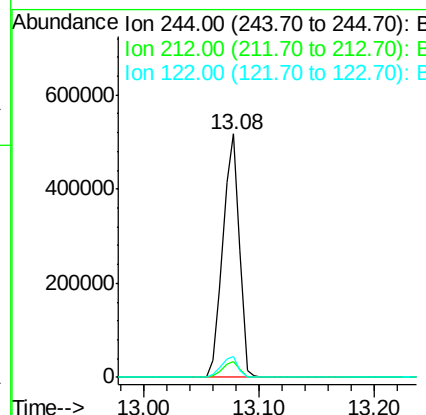
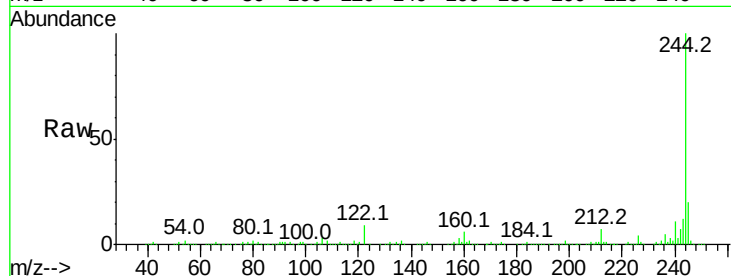




#78
 Terphenyl-d14
 Concen: 97.847 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106860.D
 Acq: 27 Jun 2018 8:37

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion:244 Resp: 512638
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF106860.D
 Acq: 27 Jun 2018 8:37

Tgt Ion:264 Resp: 80409
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.9 17.5 26.3

