

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106698.D
 Acq On : 22 Jun 2018 10:25
 Operator : JU/SJ
 Sample : PB110463BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BL

Quant Time: Jun 22 11:44:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	62569	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	244810	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	131035	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	283098	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259811	20.00	ng	0.00
86) Perylene-d12	15.69	264	209726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385646	104.37	ng	0.00
7) Phenol-d6	6.60	99	487975	105.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	318965	72.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	185851	122.37	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	610144	77.52	ng	0.00
78) Terphenyl-d14	13.08	244	823108	76.74	ng	0.00

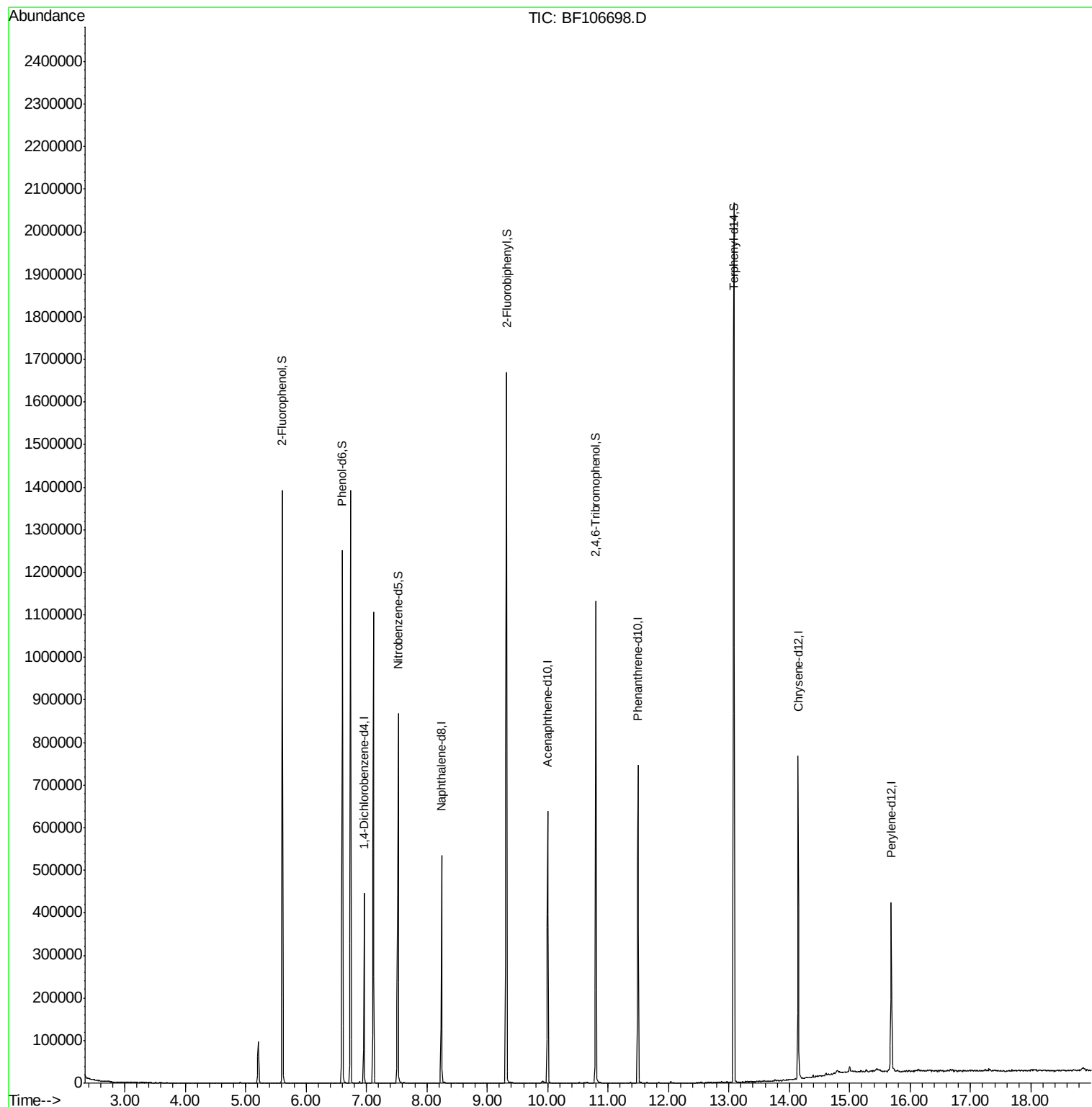
Target Compounds Qvalue

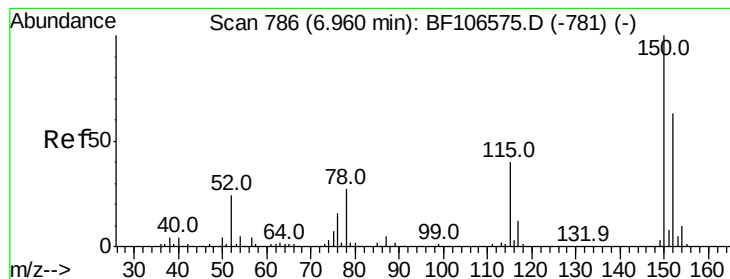
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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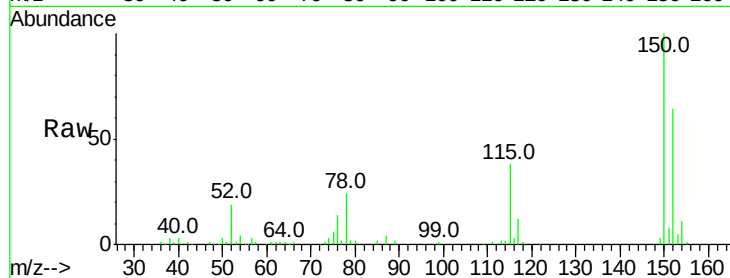


#1

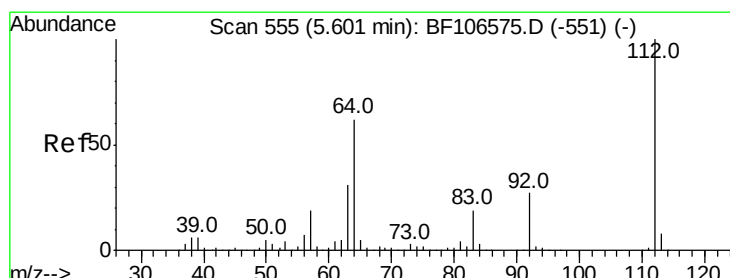
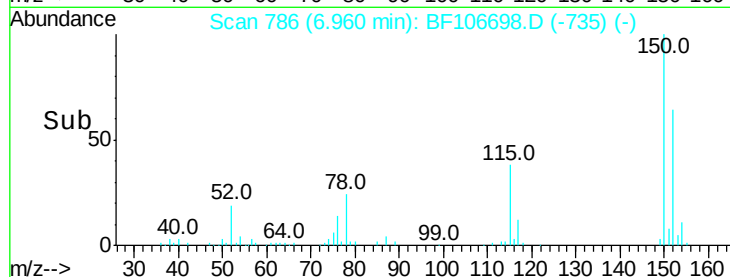
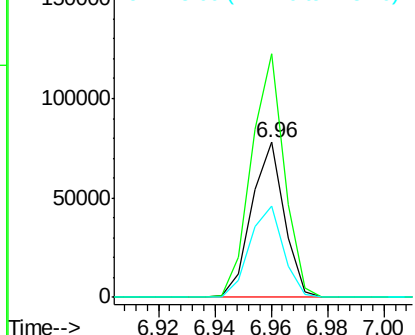
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB110463BL

Tot Ion:152 Resp: 62569
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.0 50.1 75.1



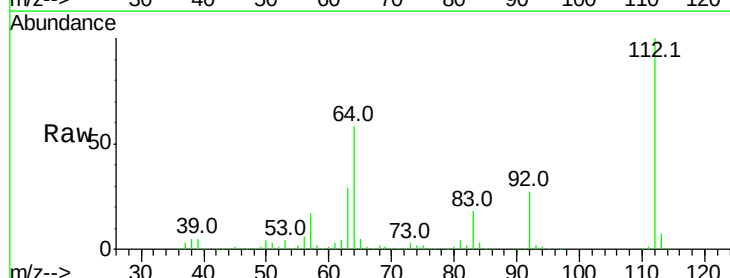
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



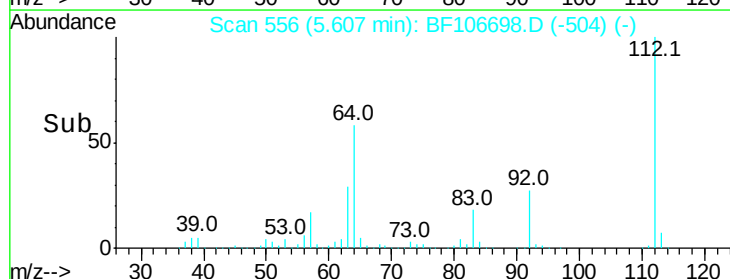
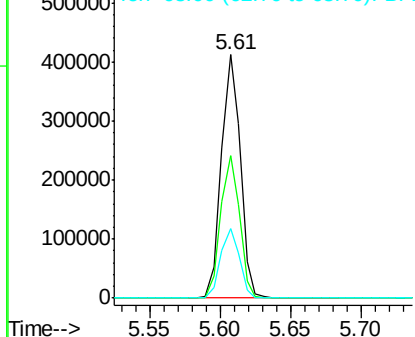
#5

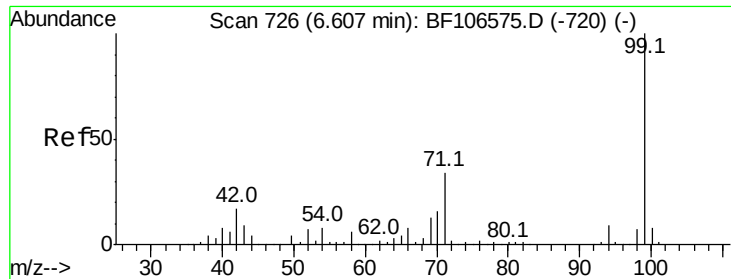
2-Fluorophenol
Concen: 104.368 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Tgt Ion:112 Resp: 385646
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 28.6 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: 105.750 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106698.D

Acq: 22 Jun 2018 10:25

Instrument :

BNA_F

ClientSampleId :

PB110463BL

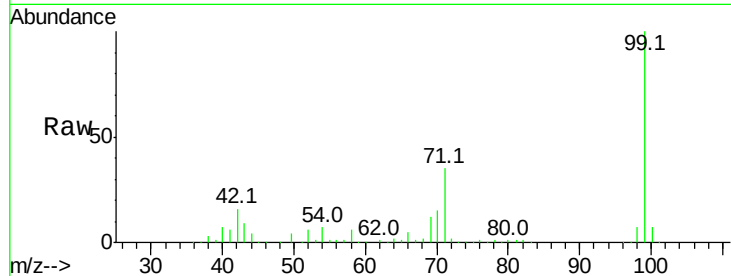
Tot Ion: 99 Resp: 487975

Ion Ratio Lower Upper

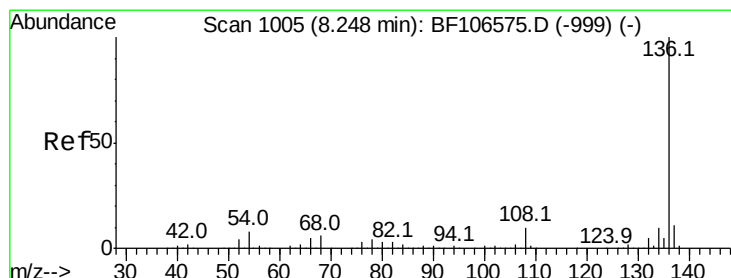
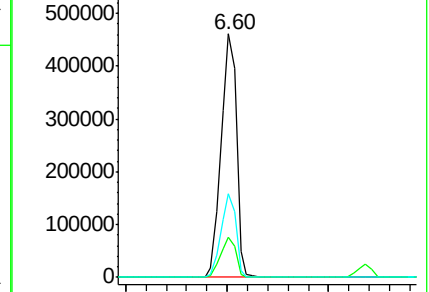
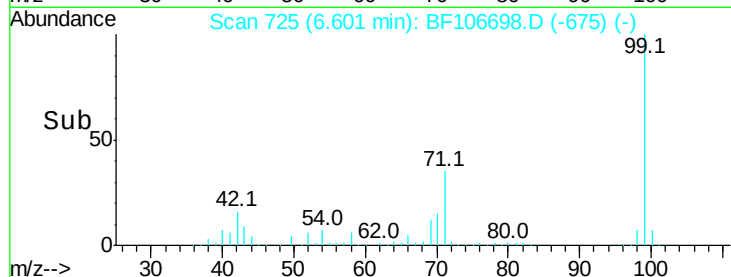
99 100

42 16.4 14.5 21.7

71 34.5 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: BF106698.D

Acq: 22 Jun 2018 10:25

Tgt Ion: 136 Resp: 244810

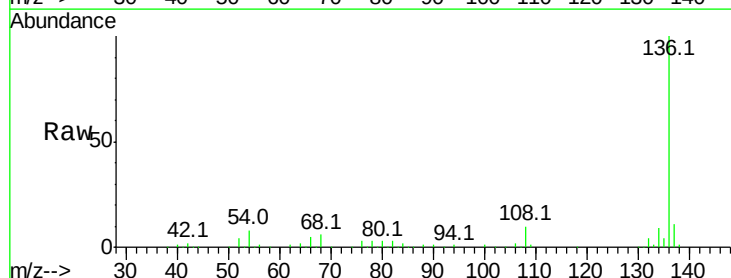
Ion Ratio Lower Upper

136 100

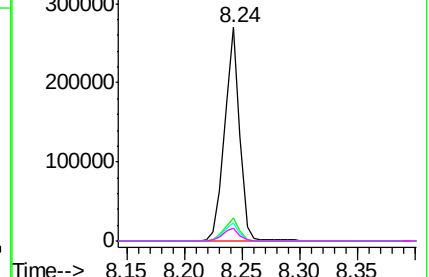
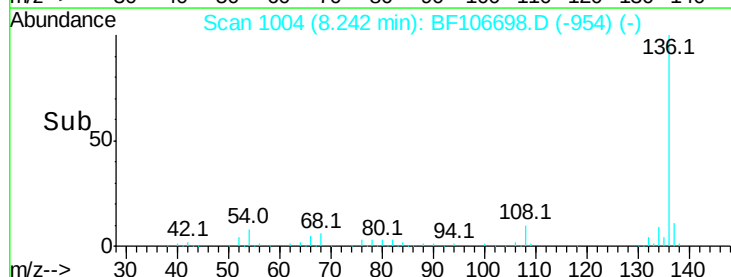
137 10.8 8.9 13.3

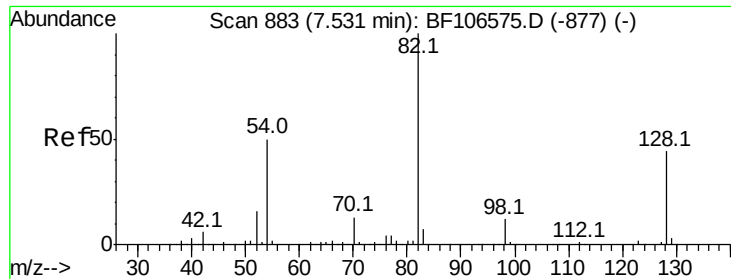
54 8.2 6.6 9.8

68 6.3 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

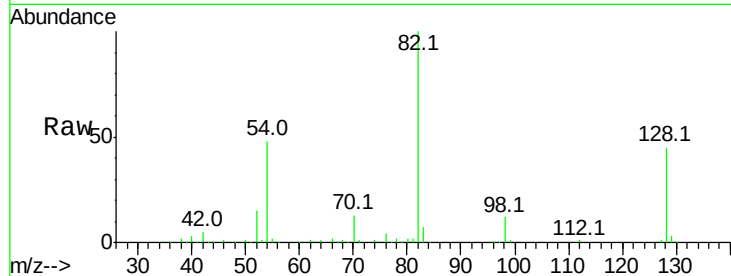




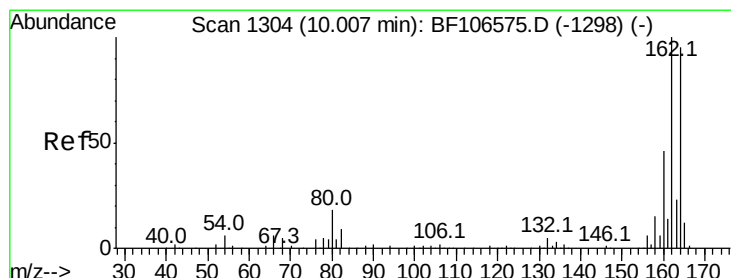
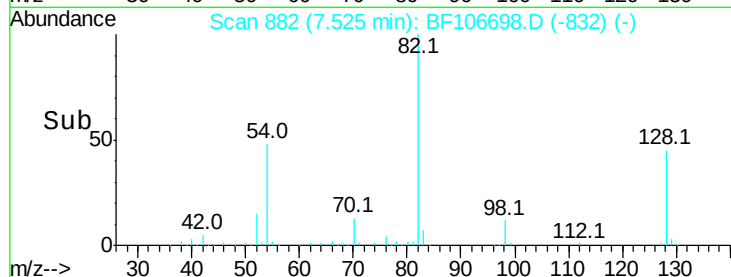
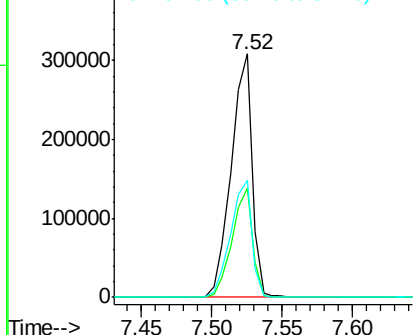
#23
 Nitrobenzene-d5
 Concen: 72.407 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106698.D
 Acq: 22 Jun 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	48.0	41.4	62.2

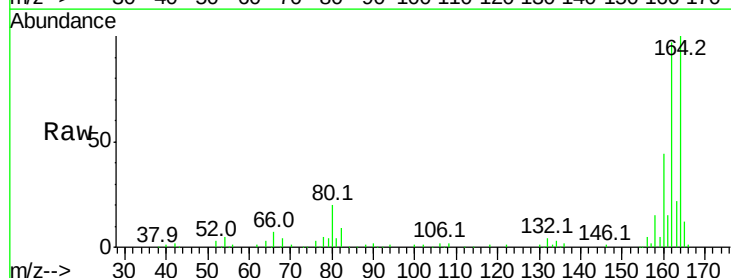


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

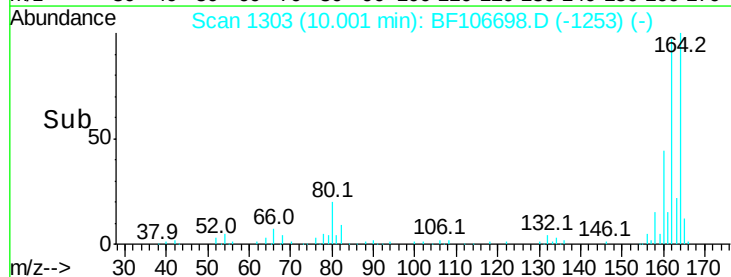
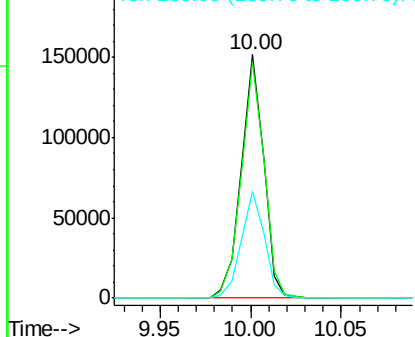


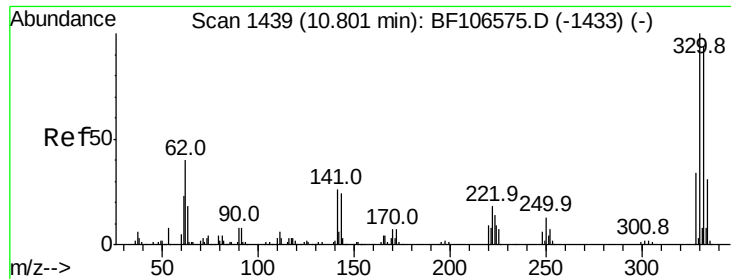
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106698.D
 Acq: 22 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	86.1	129.1
160	43.7	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

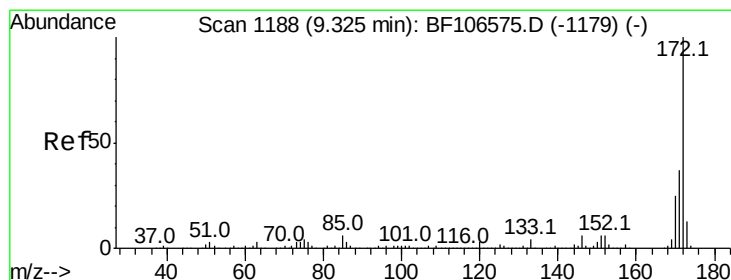
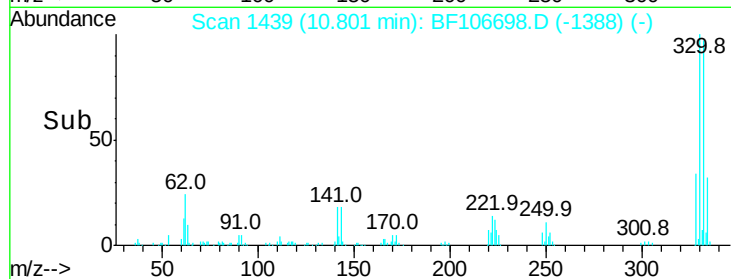
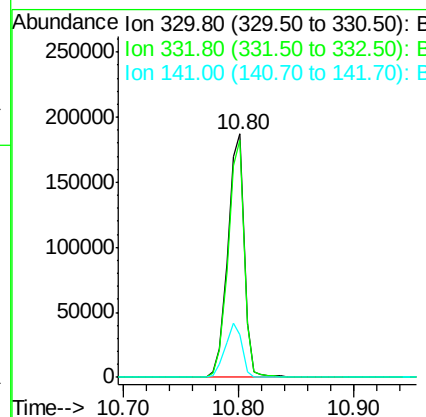
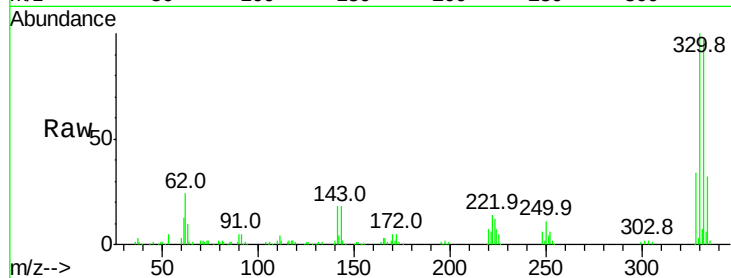




#41
 2,4,6-Tribromophenol
 Concen: 122.373 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106698.D
 Acq: 22 Jun 2018 10:25

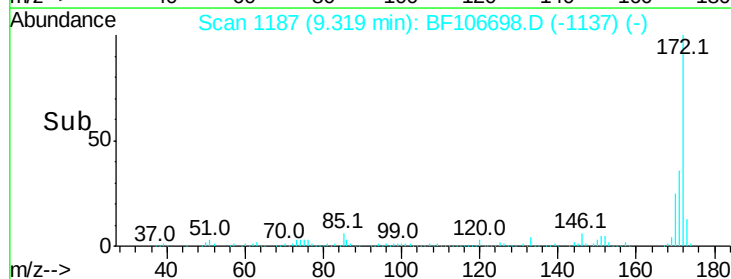
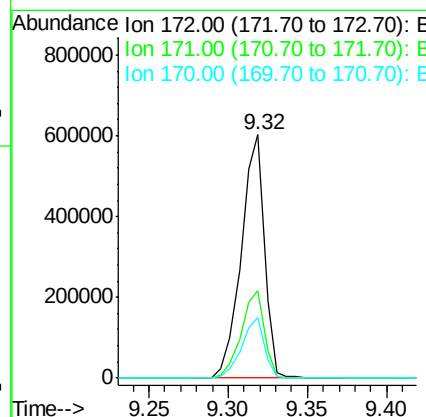
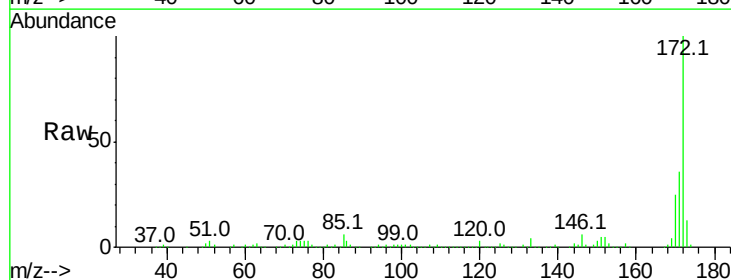
Instrument :
 BNA_F
 ClientSampleId :
 PB110463BL

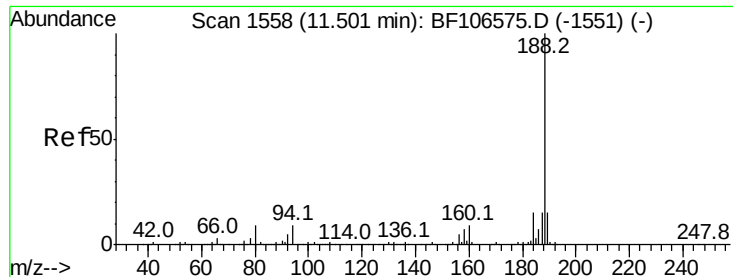
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	22.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 77.516 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106698.D
 Acq: 22 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	19.6	29.4

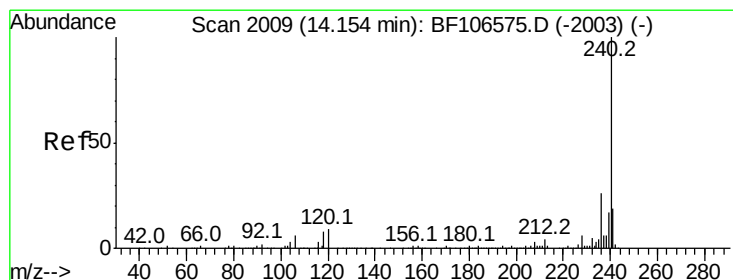
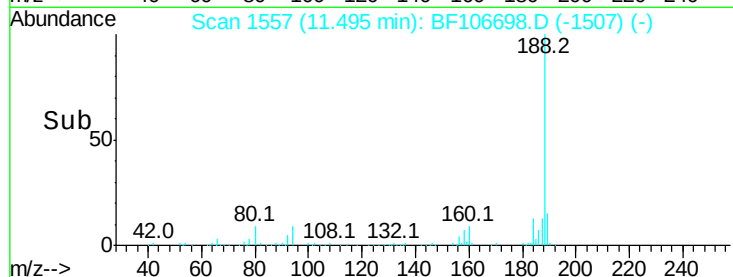
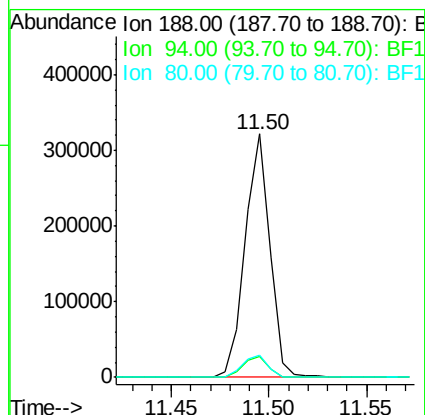
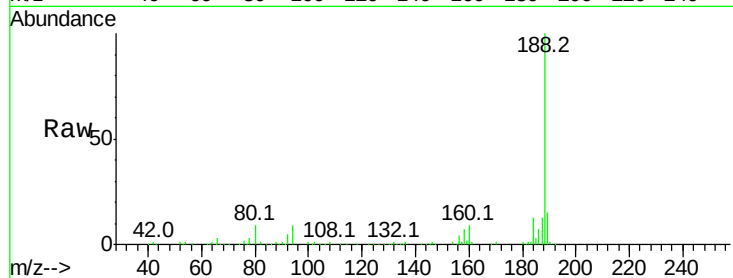




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

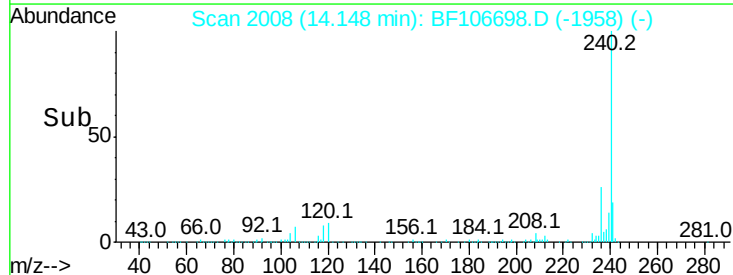
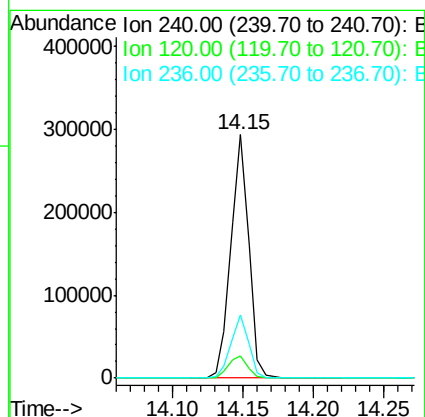
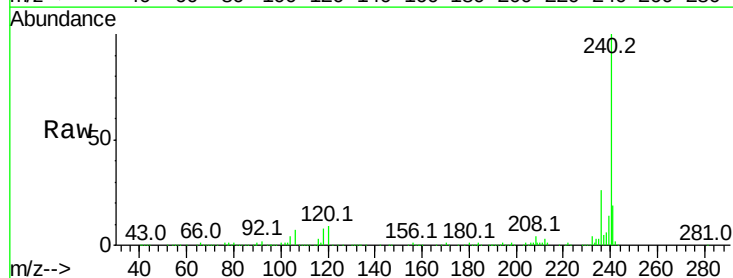
Instrument :
BNA_F
ClientSampleId :
PB110463BL

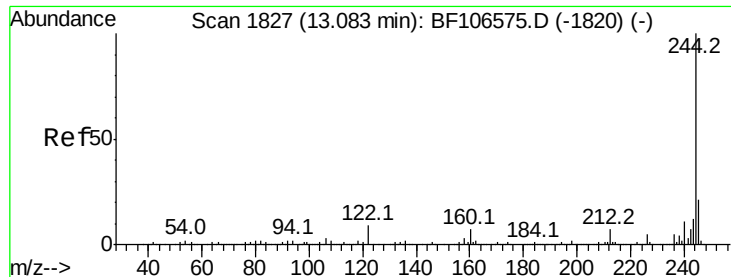
Tot Ion:188 Resp: 283098
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106698.D
Acq: 22 Jun 2018 10:25

Tgt Ion:240 Resp: 259811
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 76.741 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106698.D

Acq: 22 Jun 2018 10:25

Instrument :

BNA_F

ClientSampleId :

PB110463BL

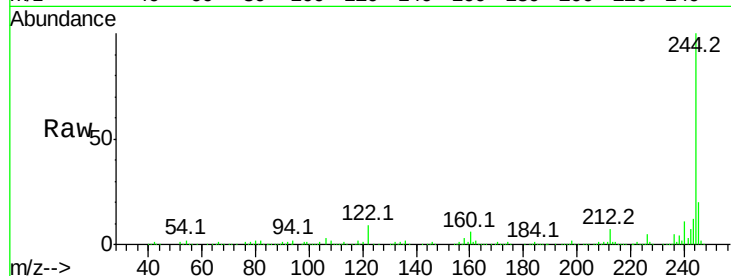
Tot Ion:244 Resp: 823108

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

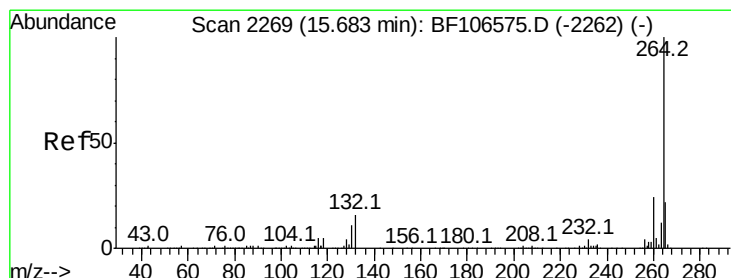
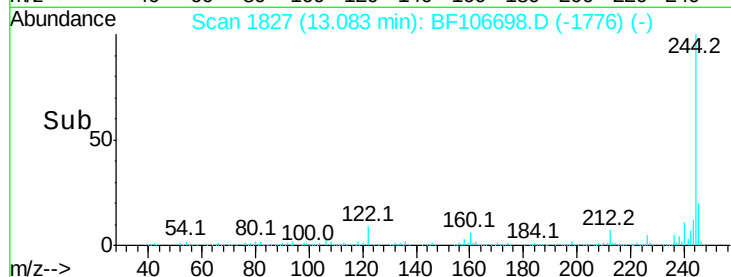
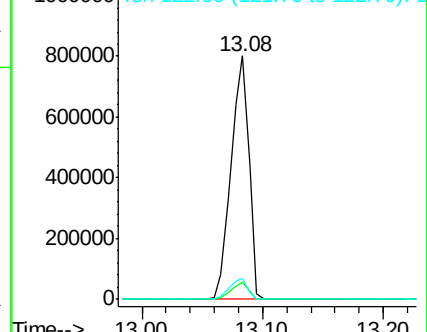
122 8.8 11.0 16.4#



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: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF106698.D

Acq: 22 Jun 2018 10:25

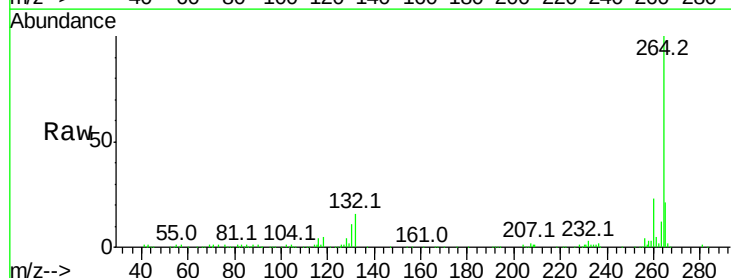
Tgt Ion:264 Resp: 209726

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.8 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

