

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106538.D
 Acq On : 18 Jun 2018 15:06
 Operator : JU/SJ
 Sample : PB110319BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BL

Quant Time: Jun 19 04:04:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112231	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431027	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	211752	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	431708	20.00	ng	0.00
75) Chrysene-d12	14.15	240	329881	20.00	ng	0.00
86) Perylene-d12	15.69	264	243491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	790386	119.19	ng	0.00
7) Phenol-d6	6.61	99	964939	115.18	ng	0.00
23) Nitrobenzene-d5	7.53	82	670092	91.46	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	306092	150.24	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1174245	106.37	ng	0.00
78) Terphenyl-d14	13.09	244	1325769	99.82	ng	0.00

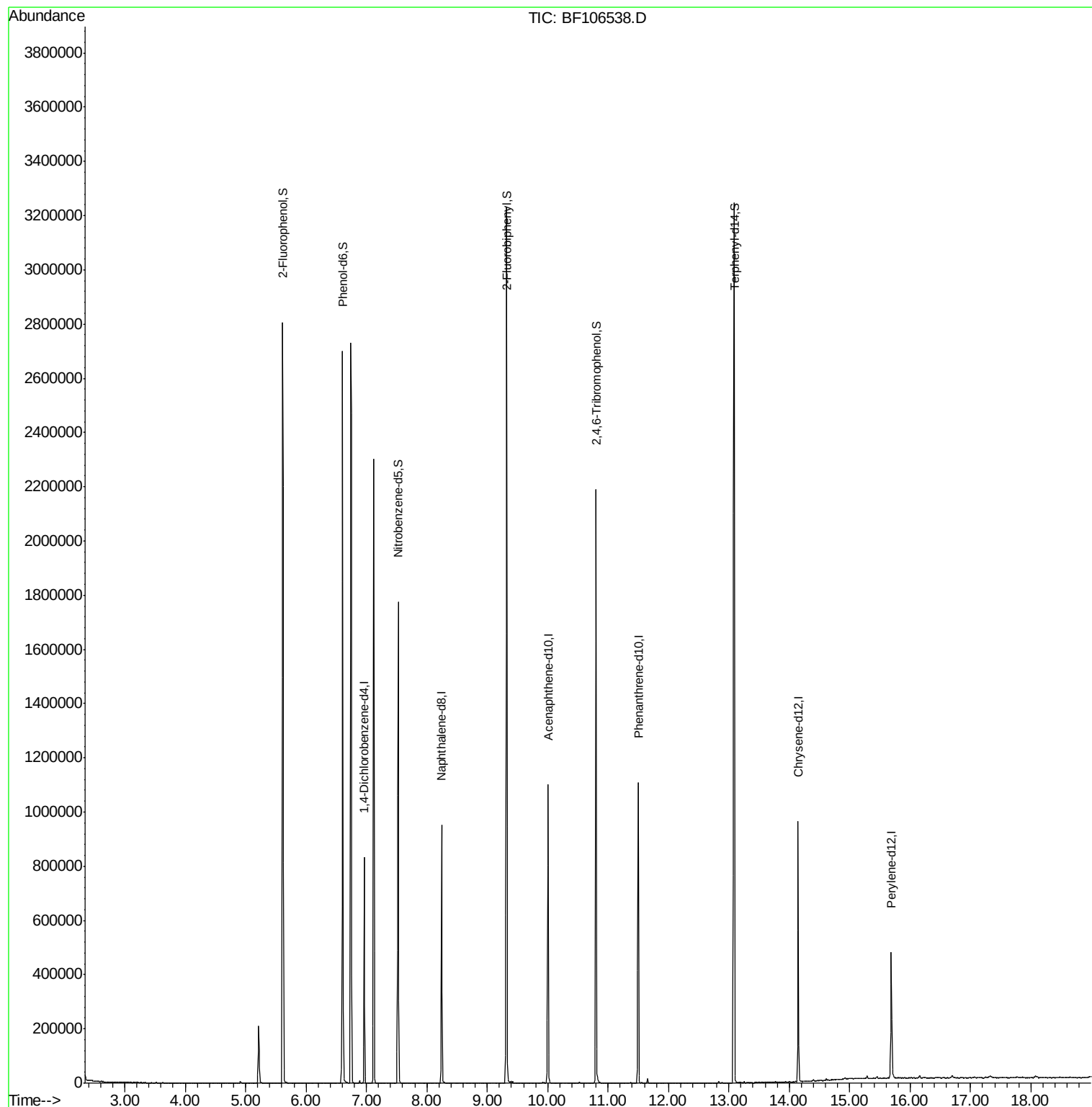
Target Compounds Qvalue

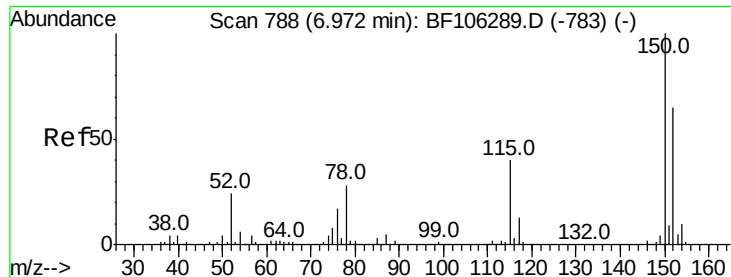
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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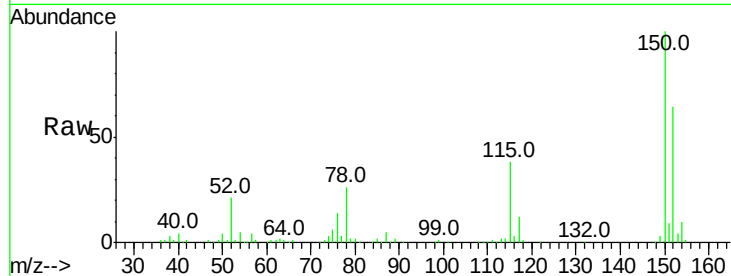


#1

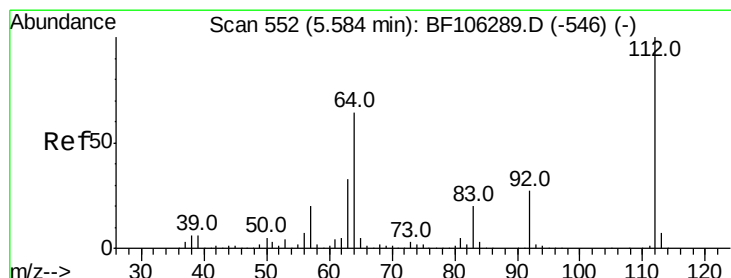
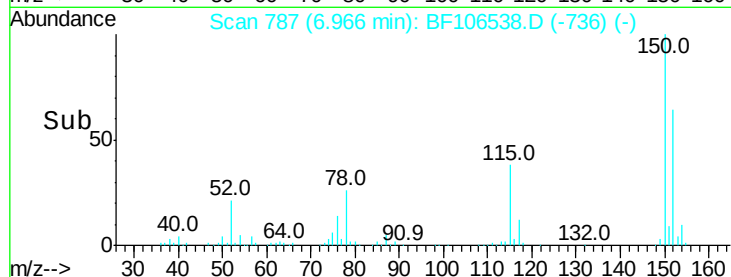
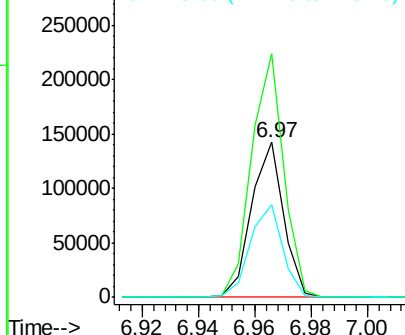
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106538.D
Acq: 18 Jun 2018 15:06

Instrument :
BNA_F
ClientSampleId :
PB110319BL

Tot Ion:152 Resp: 112231
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.1 50.1 75.1



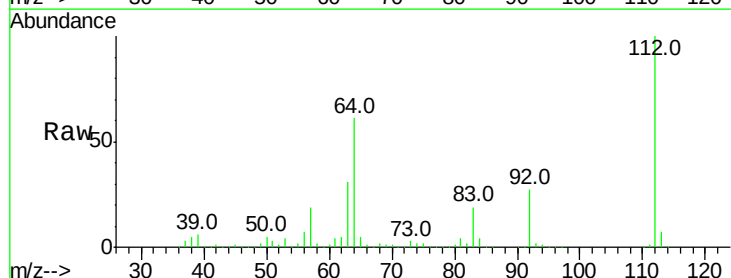
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



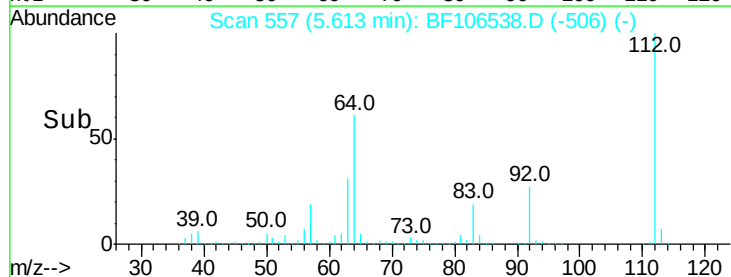
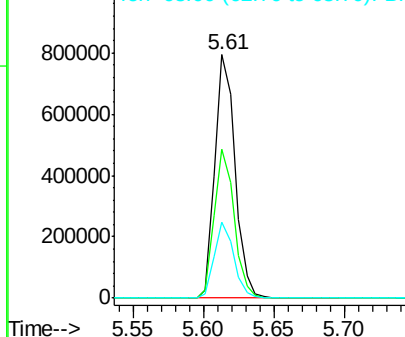
#5

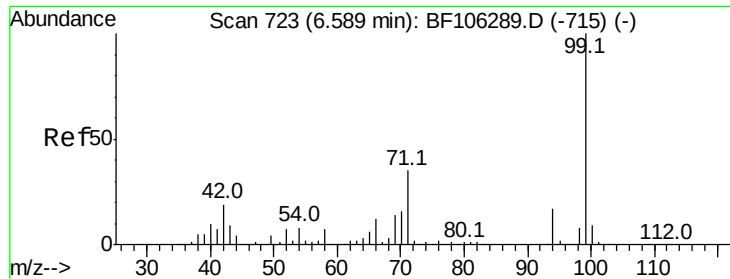
2-Fluorophenol
Concen: 119.194 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106538.D
Acq: 18 Jun 2018 15:06

Tgt Ion:112 Resp: 790386
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.2 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: 115.179 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106538.D

Acq: 18 Jun 2018 15:06

Instrument :

BNA_F

ClientSampleId :

PB110319BL

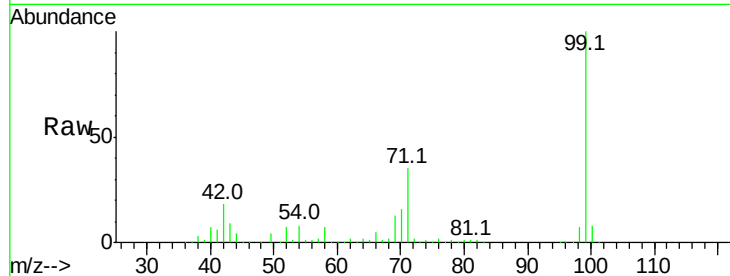
Tot Ion: 99 Resp: 964939

Ion Ratio Lower Upper

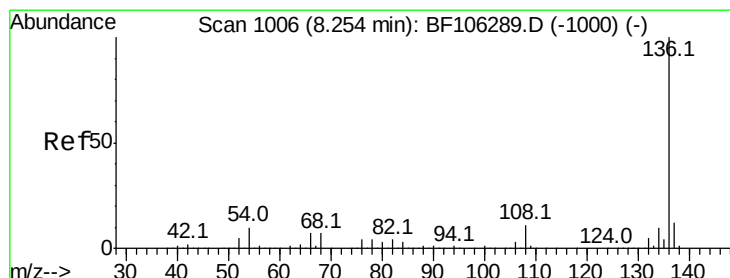
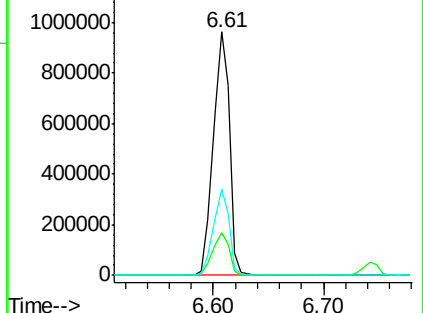
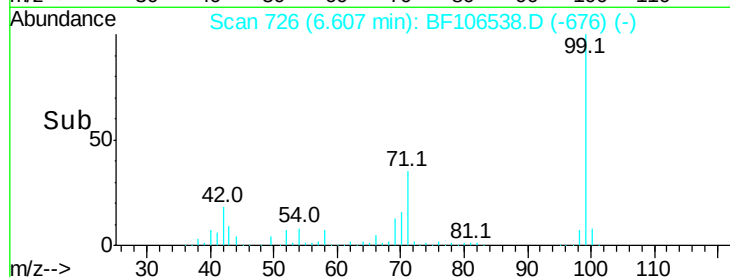
99 100

42 17.7 14.5 21.7

71 35.3 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. 0.00 min

Lab File: BF106538.D

Acq: 18 Jun 2018 15:06

Tgt Ion: 136 Resp: 431027

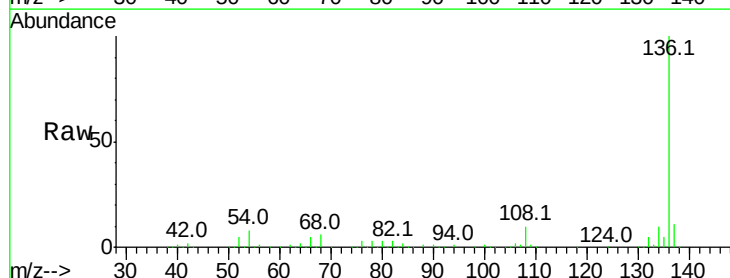
Ion Ratio Lower Upper

136 100

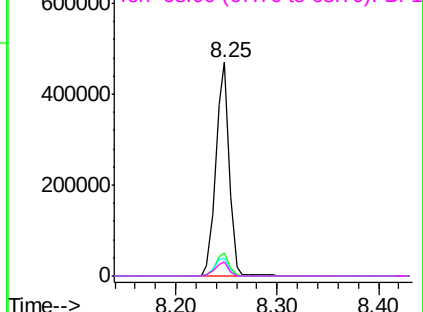
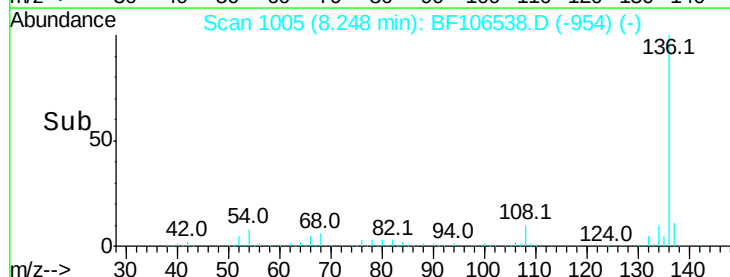
137 11.1 8.9 13.3

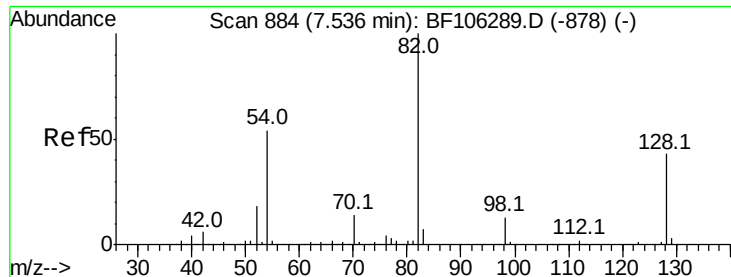
54 8.2 6.6 9.8

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

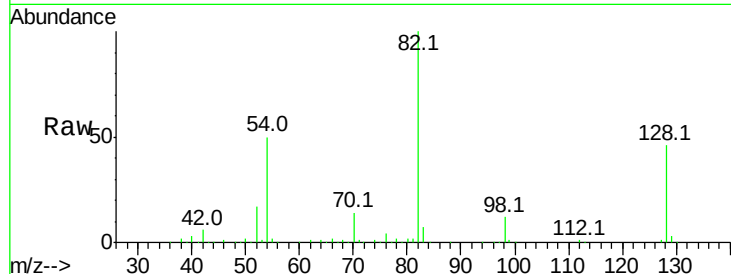




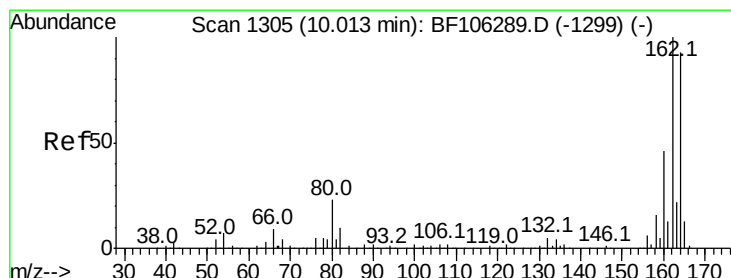
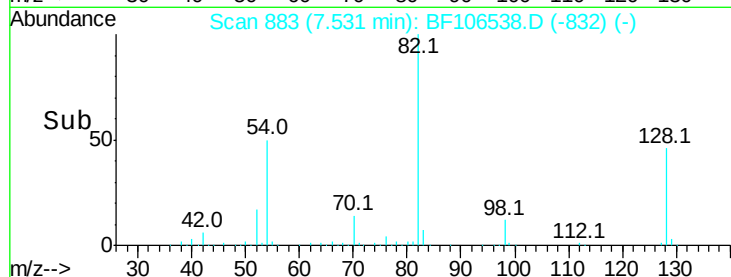
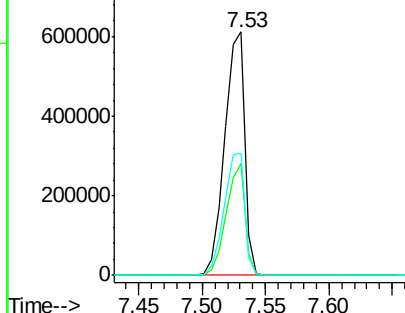
#23
Nitrobenzene-d5
Concen: 91.457 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106538.D
Acq: 18 Jun 2018 15:06

Instrument :
BNA_F
ClientSampleId :
PB110319BL

Tot Ion: 82 Resp: 670092
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 49.9 41.4 62.2

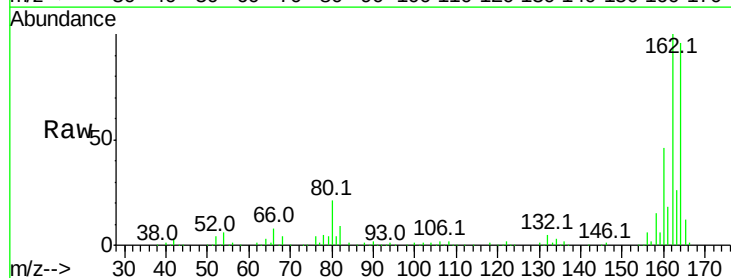


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

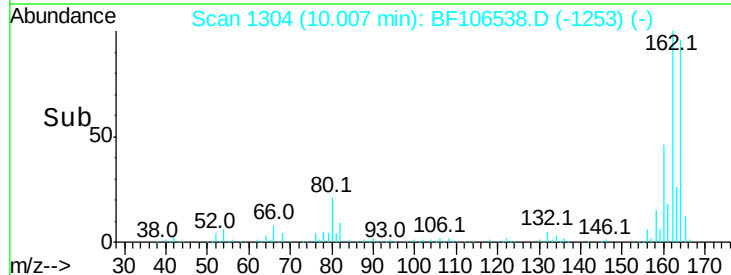
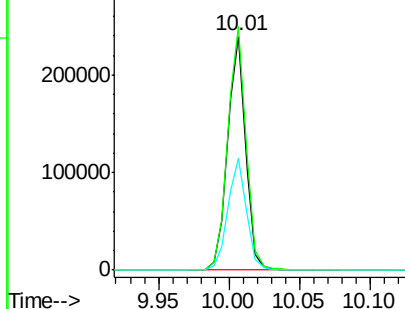


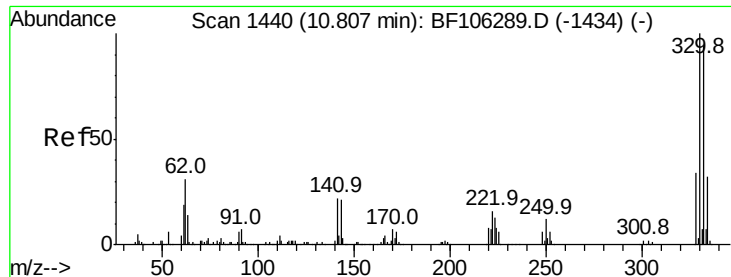
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106538.D
Acq: 18 Jun 2018 15:06

Tgt Ion:164 Resp: 211752
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 47.9 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

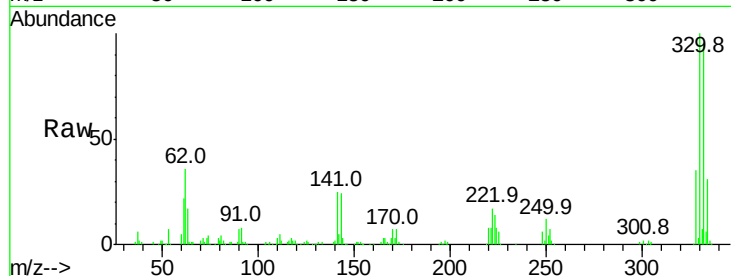




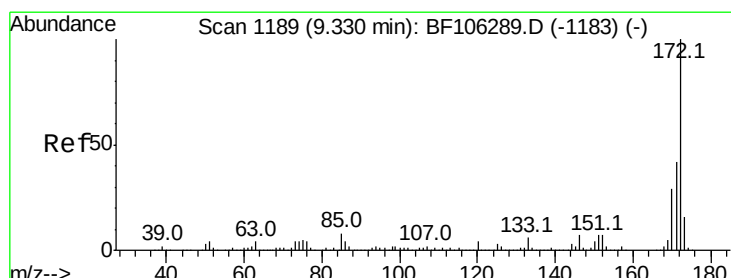
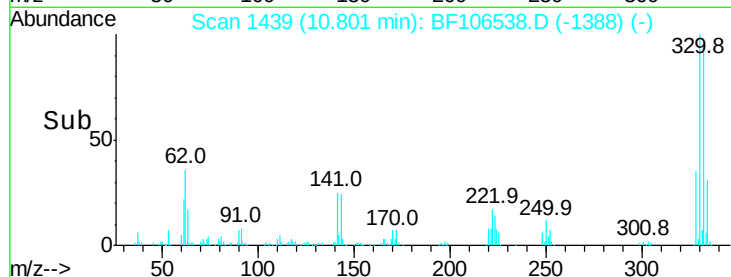
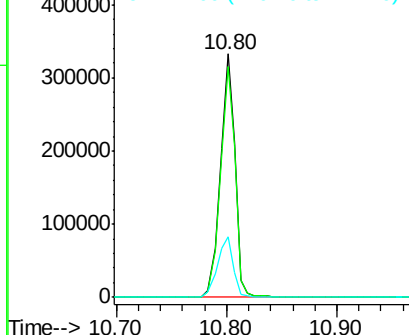
#41
 2,4,6-Tribromophenol
 Concen: 150.235 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106538.D
 Acq: 18 Jun 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	26.9	29.9	44.9#

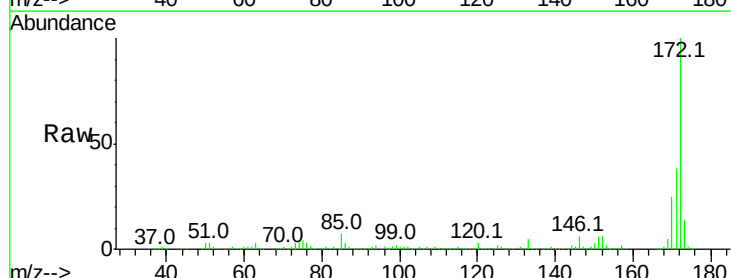


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

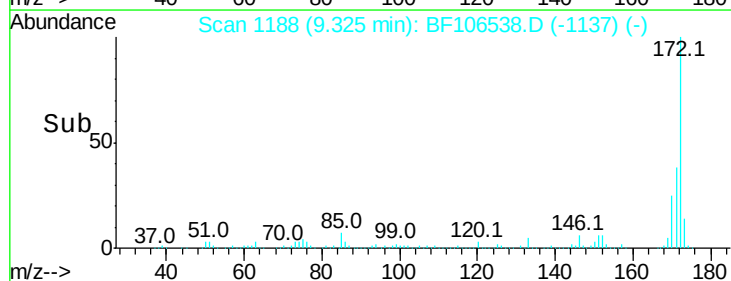
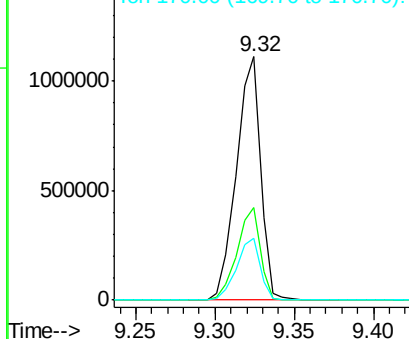


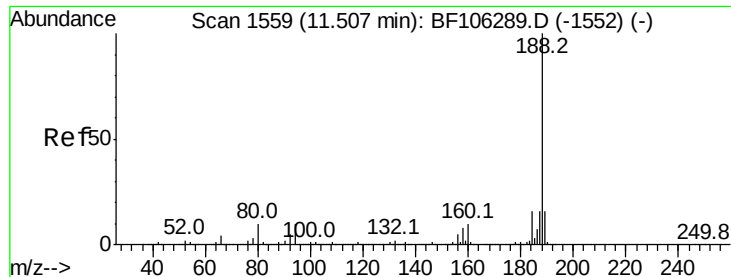
#44
 2-Fluorobiphenyl
 Concen: 106.366 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106538.D
 Acq: 18 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.2	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

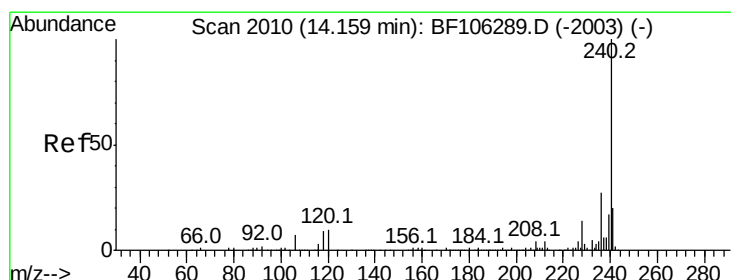
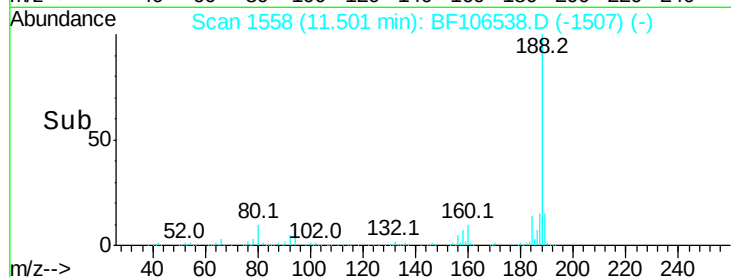
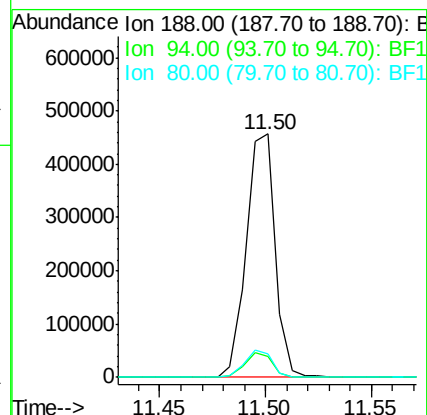
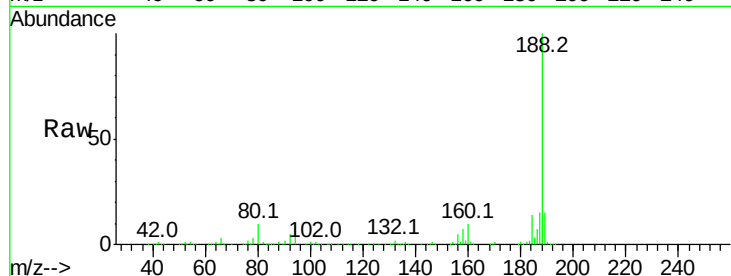




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106538.D
Acq: 18 Jun 2018 15:06

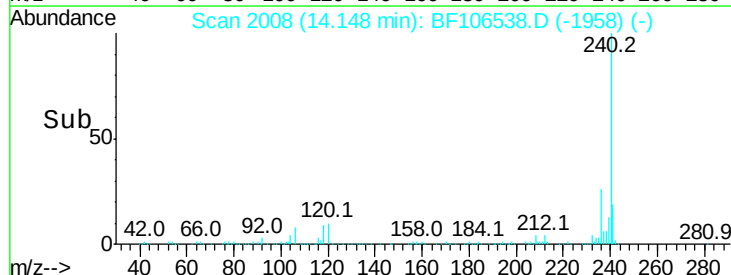
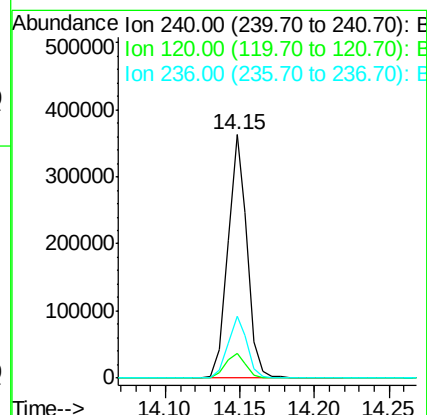
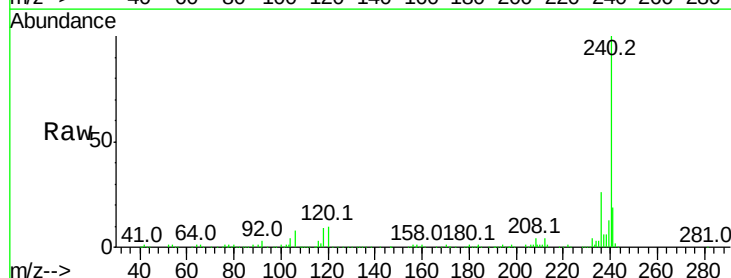
Instrument :
BNA_F
ClientSampleId :
PB110319BL

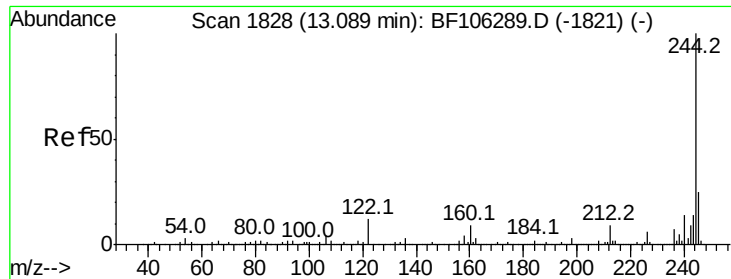
Tot Ion:188 Resp: 431708
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106538.D
Acq: 18 Jun 2018 15:06

Tgt Ion:240 Resp: 329881
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 99.821 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106538.D

Acq: 18 Jun 2018 15:06

Instrument :

BNA_F

ClientSampleId :

PB110319BL

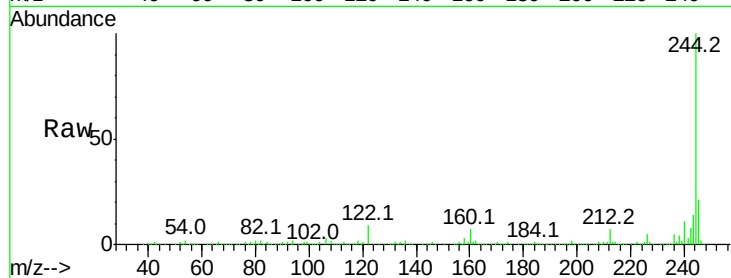
Tot Ion:244 Resp: 1325769

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

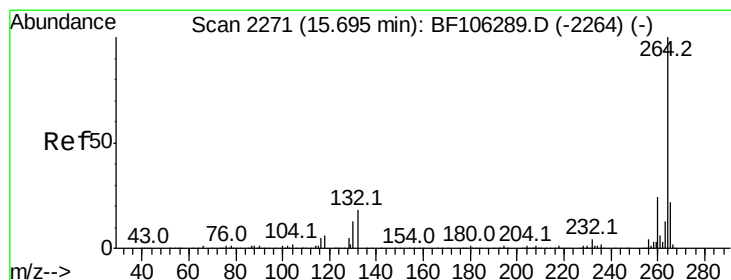
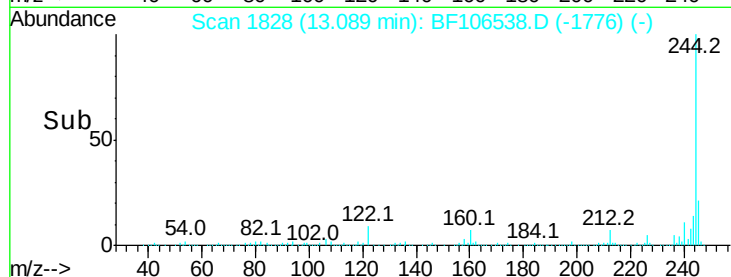
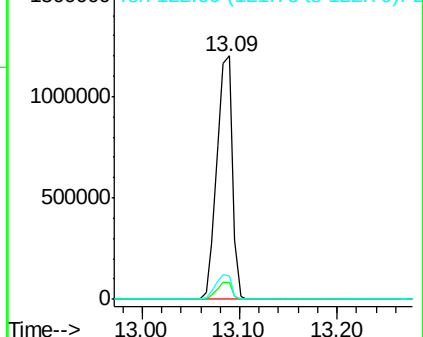
122 9.5 11.0 16.4#



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. 0.01 min

Lab File: BF106538.D

Acq: 18 Jun 2018 15:06

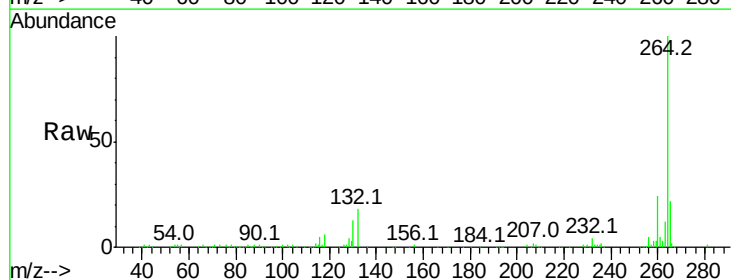
Tgt Ion:264 Resp: 243491

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 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

