

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106558.D
 Acq On : 19 Jun 2018 1:02
 Operator : JU/SJ
 Sample : J3564-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Quant Time: Jun 19 08:44:41 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	101760	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	331575	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	130265	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	184067	20.00	ng	0.01
75) Chrysene-d12	14.17	240	294140	20.00	ng	0.01
86) Perylene-d12	15.71	264	249733	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	387835	64.51	ng	0.00
7) Phenol-d6	6.62	99	291030	38.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	569360	101.02	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	191885	153.09	ng	0.02
44) 2-Fluorobiphenyl	9.32	172	848646	141.43	ng	0.00
78) Terphenyl-d14	13.11	244	855349	72.23	ng	0.02

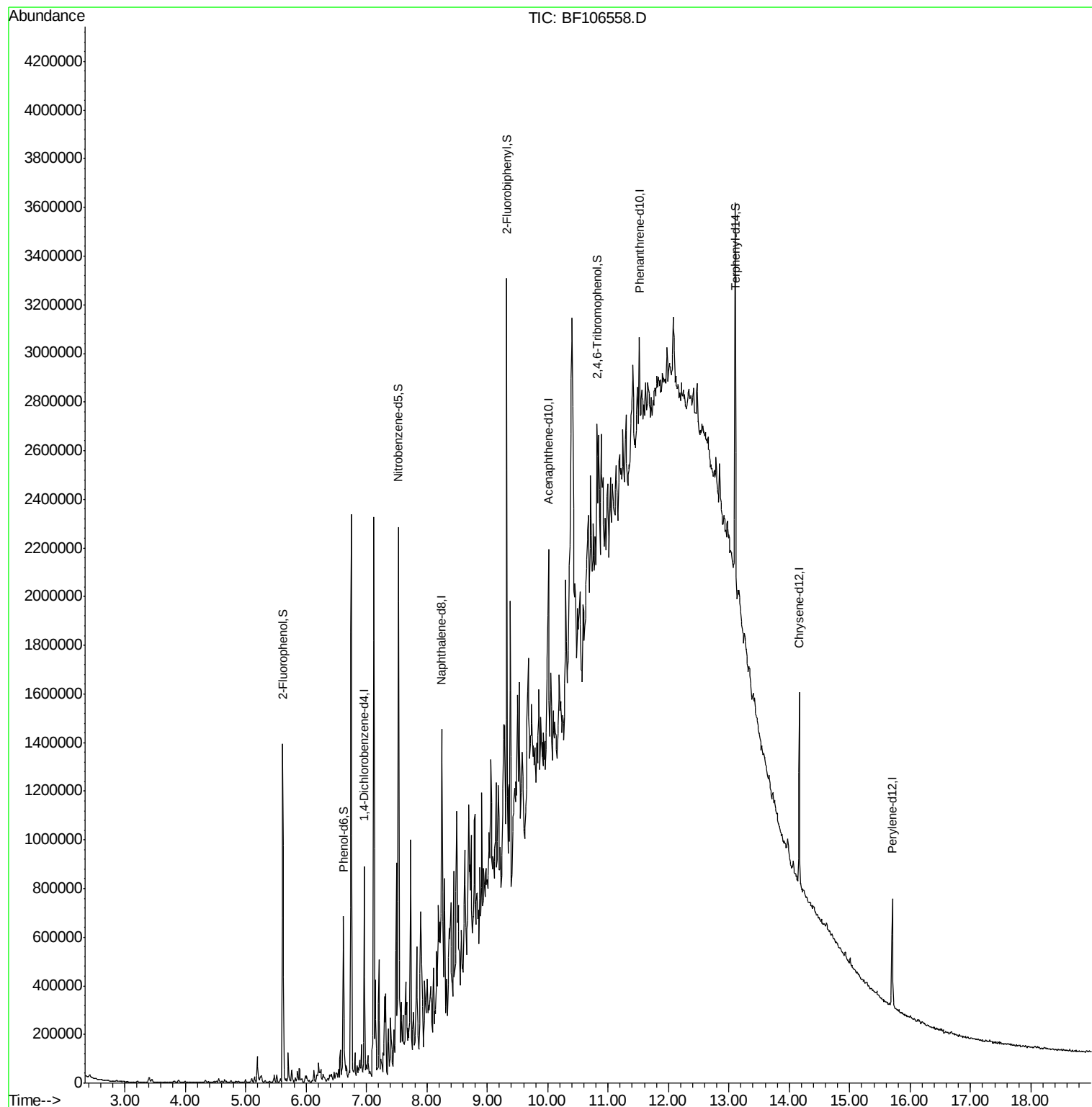
Target Compounds Qvalue

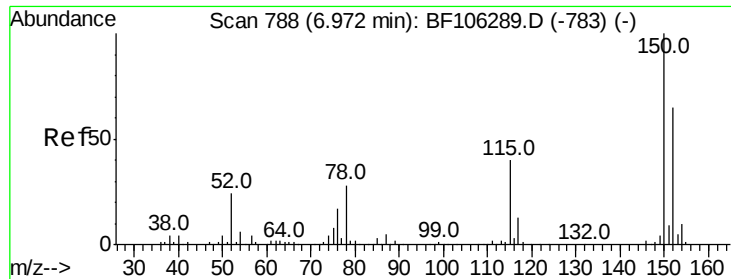
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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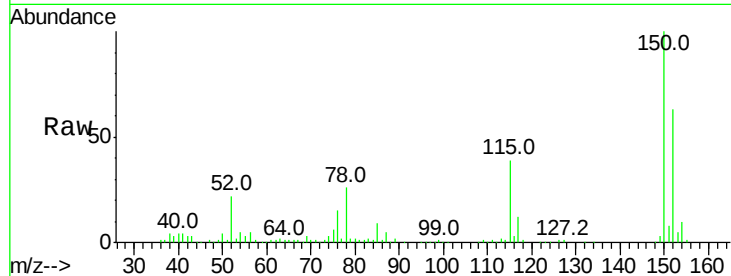


#1

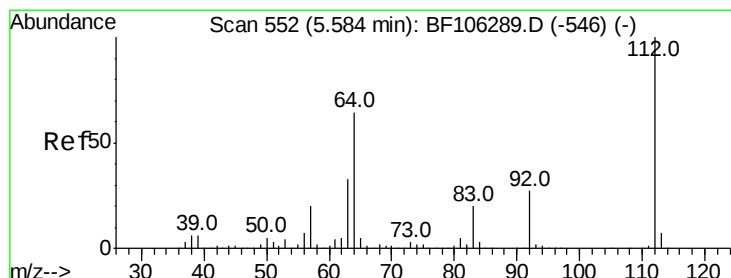
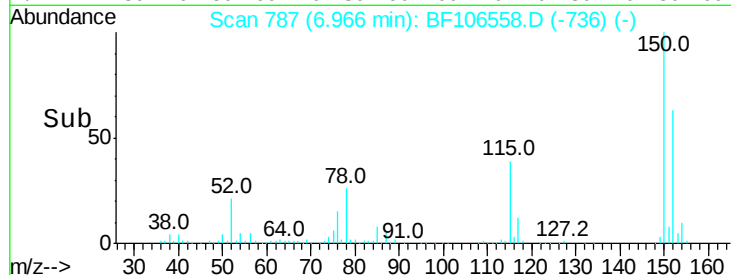
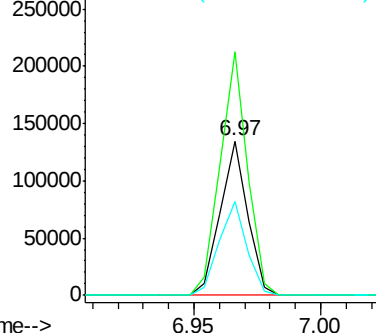
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106558.D
Acq: 19 Jun 2018 1:02

Instrument :
BNA_F
ClientSampleId :
W-02

Tot Ion:152 Resp: 101760
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.3 50.1 75.1



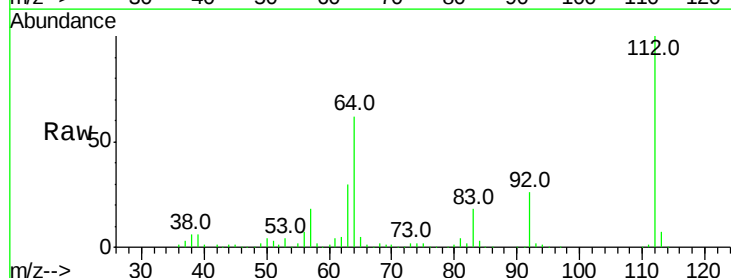
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



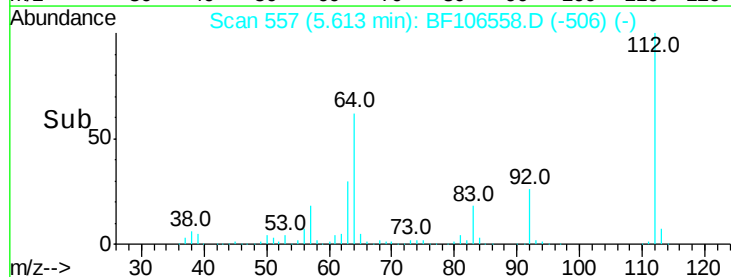
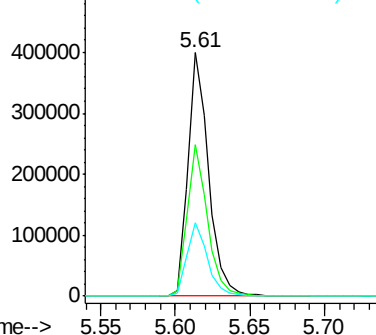
#5

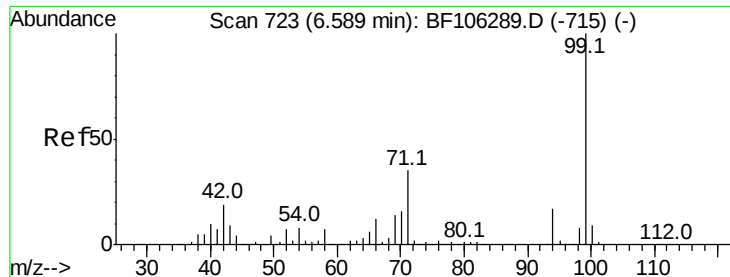
2-Fluorophenol
Concen: 64.506 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106558.D
Acq: 19 Jun 2018 1:02

Tgt Ion:112 Resp: 387835
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 30.4 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: 38.313 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106558.D

Acq: 19 Jun 2018 1:02

Instrument :

BNA_F

ClientSampleId :

W-02

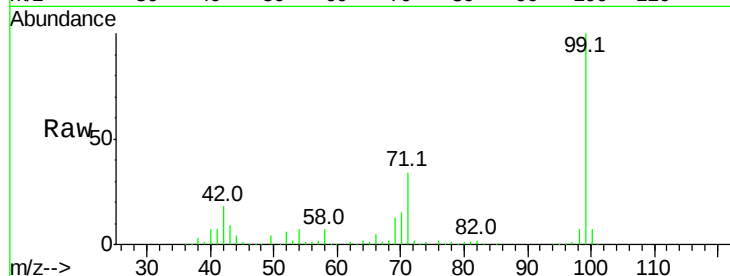
Tot Ion: 99 Resp: 291030

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

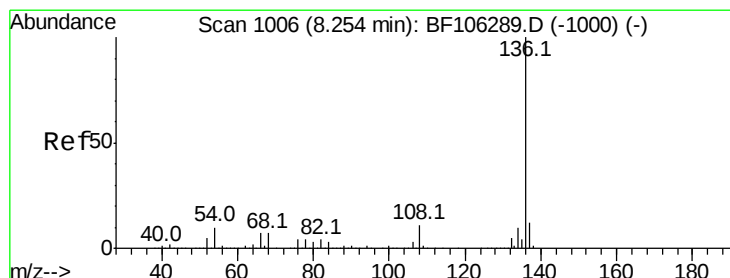
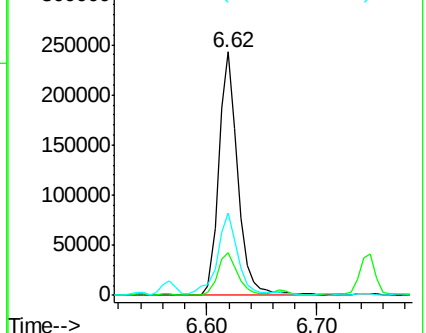
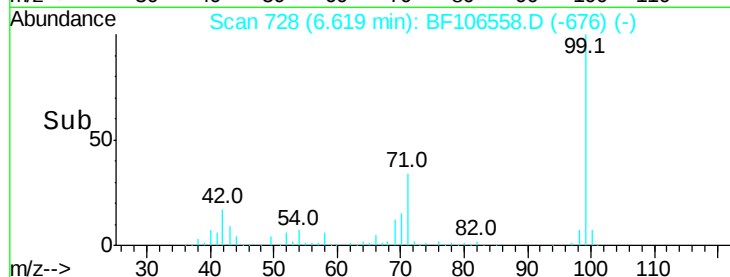
71 33.8 25.4 38.0



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: BF106558.D

Acq: 19 Jun 2018 1:02

Tgt Ion: 136 Resp: 331575

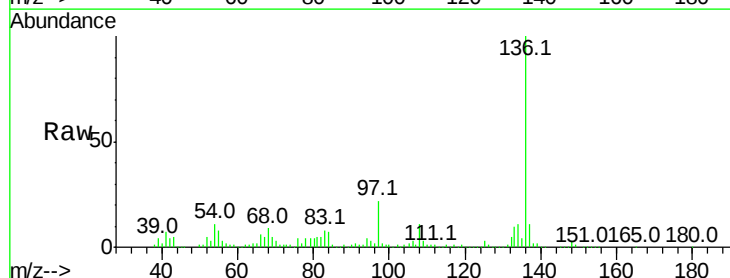
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.7 6.6 9.8#

68 8.7 5.0 7.4#

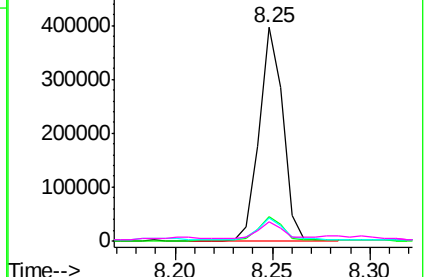
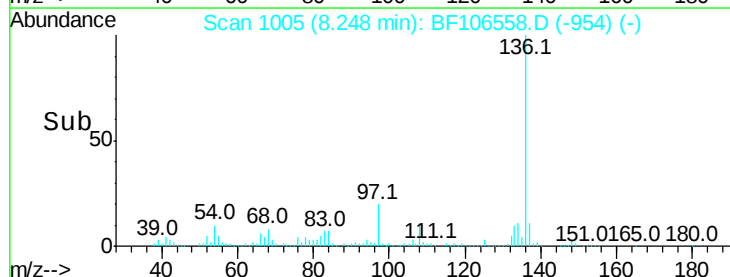


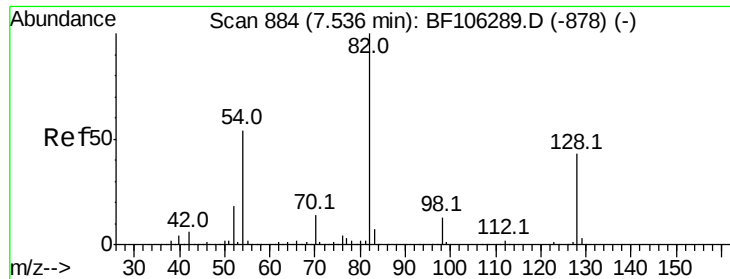
Abundance Ion 136.00 (135.70 to 136.70): E

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

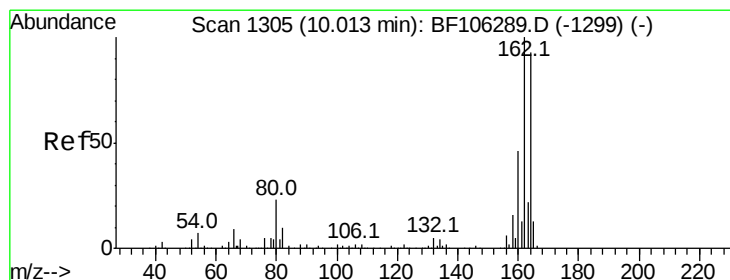
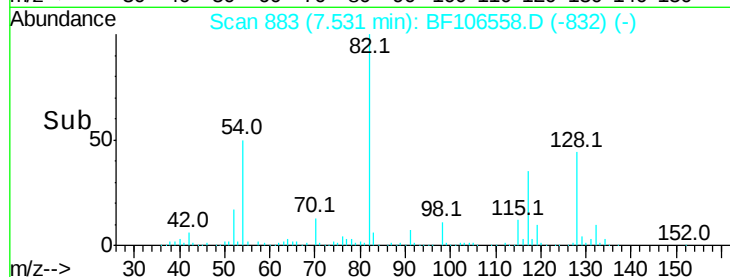
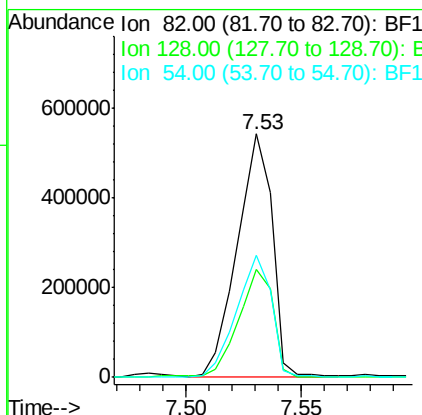
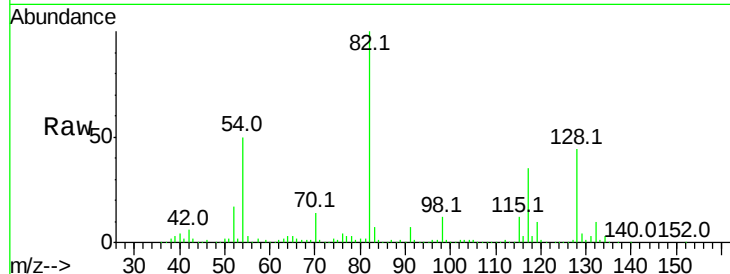




#23
 Nitrobenzene-d5
 Concen: 101.017 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106558.D
 Acq: 19 Jun 2018 1:02

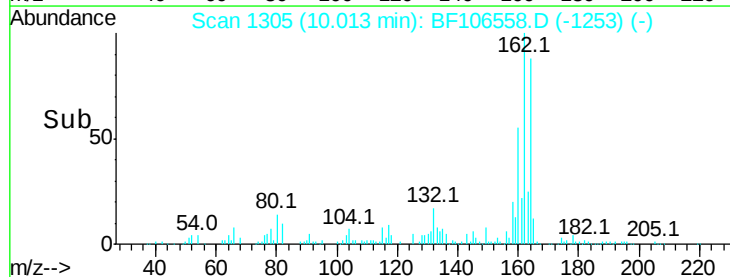
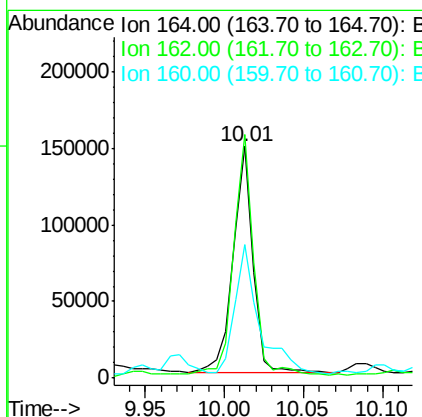
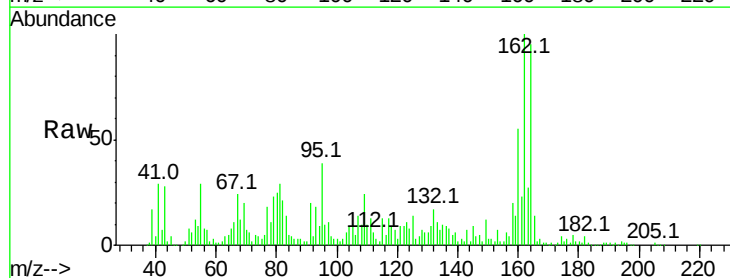
Instrument :
 BNA_F
 ClientSampleId :
 W-02

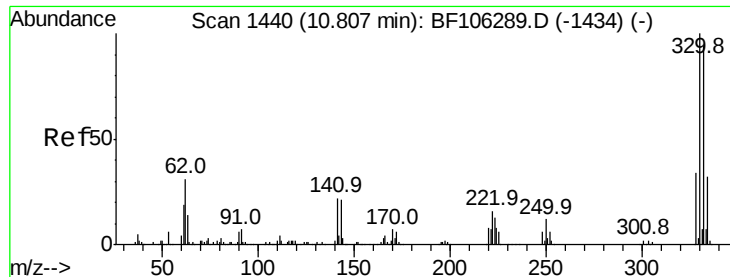
Tot Ion	82	Resp	569360
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.1	54.1
54	50.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF106558.D
 Acq: 19 Jun 2018 1:02

Tgt Ion	164	Resp	130265
Ion Ratio	Lower	Upper	
164	100		
162	105.1	86.1	129.1
160	57.6	38.3	57.5#





#41

2,4,6-Tribromophenol

Concen: 153.095 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.02 min

Lab File: BF106558.D

Acq: 19 Jun 2018 1:02

Instrument :

BNA_F

ClientSampled :

W-02

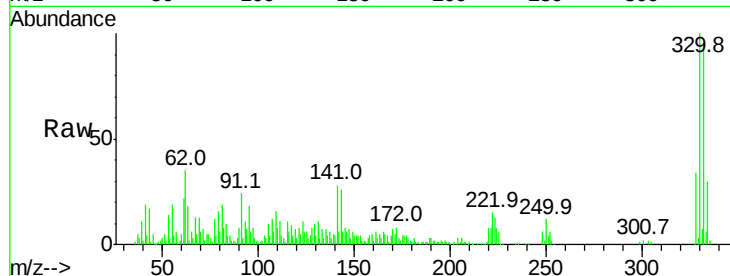
Tot Ion:330 Resp: 191885

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

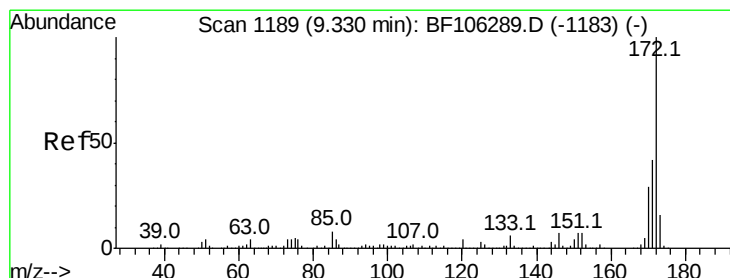
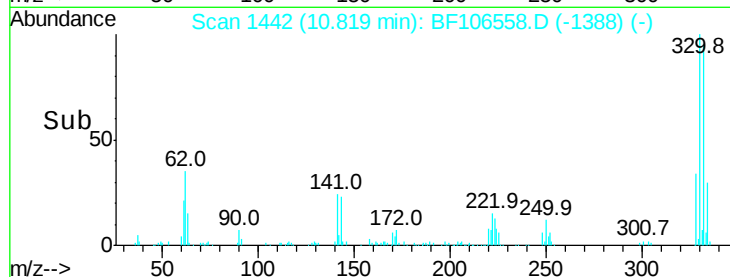
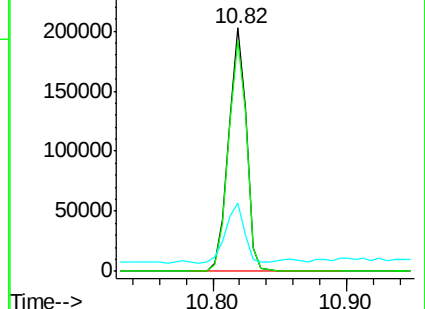
141 26.0 29.9 44.9#



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: 141.428 ng

RT: 9.32 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF106558.D

Acq: 19 Jun 2018 1:02

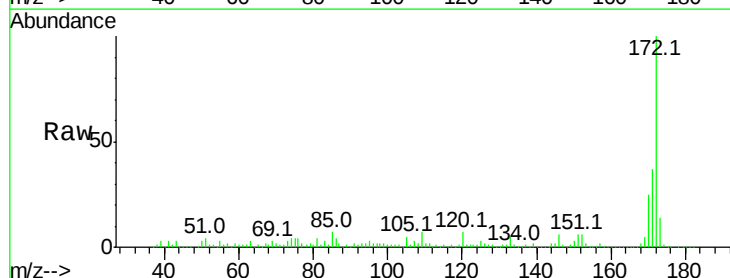
Tgt Ion:172 Resp: 848646

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

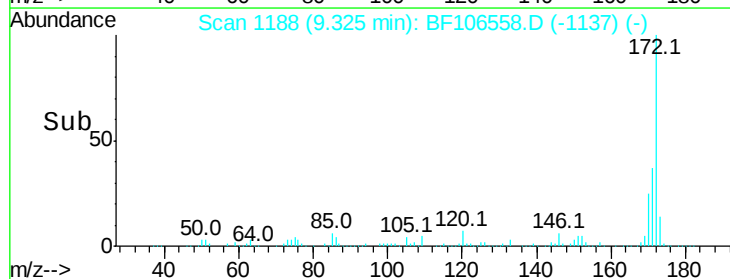
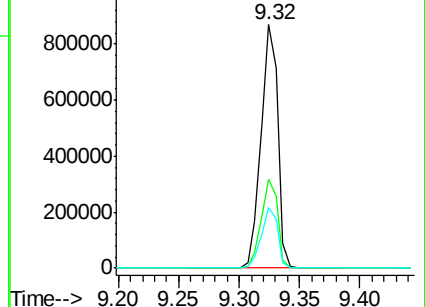
170 25.0 19.6 29.4

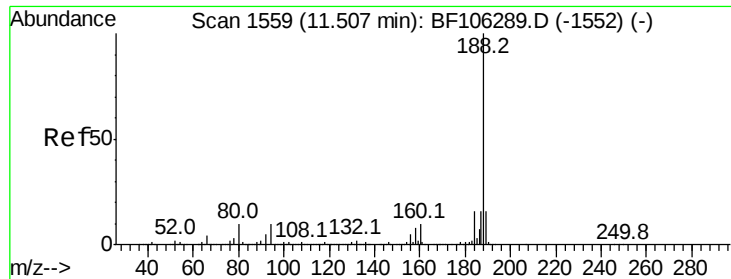


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.51 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF106558.D

Acq: 19 Jun 2018 1:02

Instrument :

BNA_F

ClientSampleId :

W-02

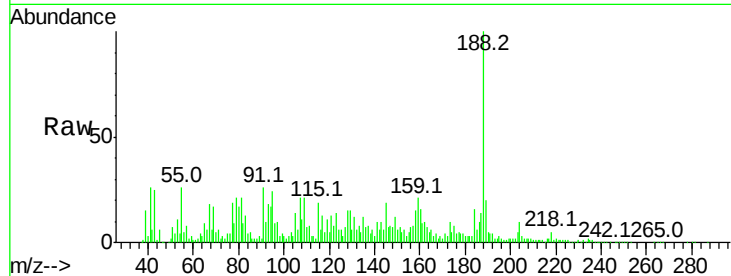
Tot Ion:188 Resp: 184067

Ion Ratio Lower Upper

188 100

94 16.9 8.5 12.7#

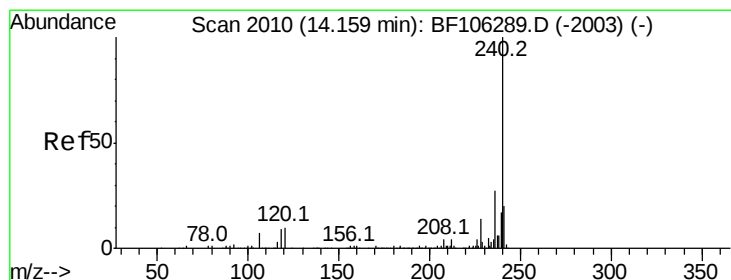
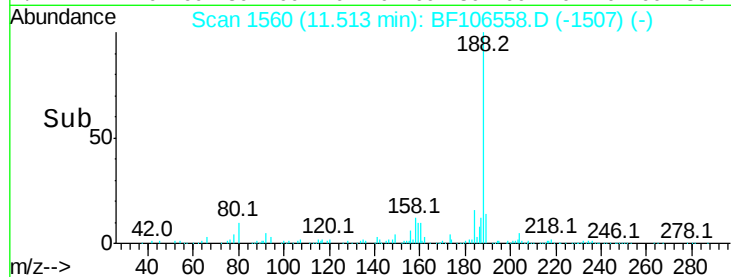
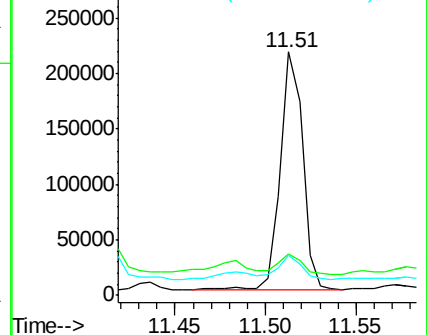
80 16.7 9.2 13.8#



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: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106558.D

Acq: 19 Jun 2018 1:02

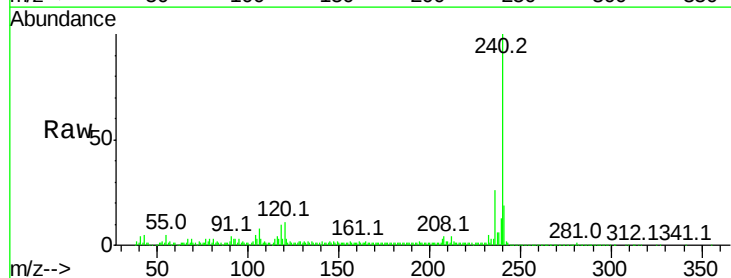
Tgt Ion:240 Resp: 294140

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

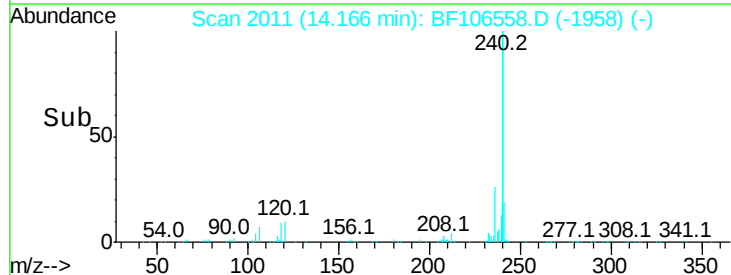
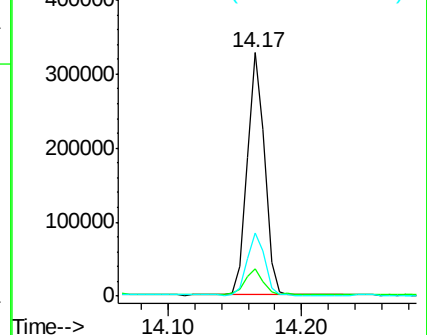
236 26.1 20.7 31.1

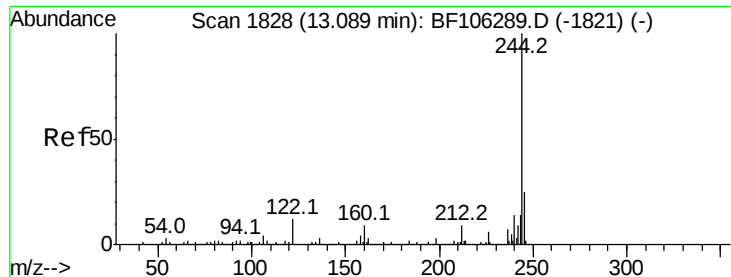


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

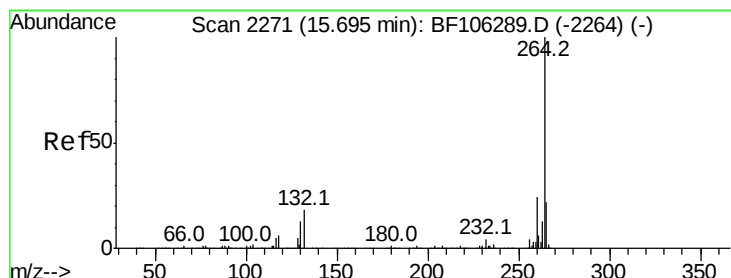
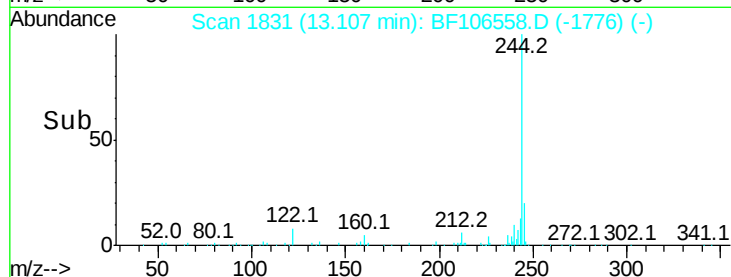
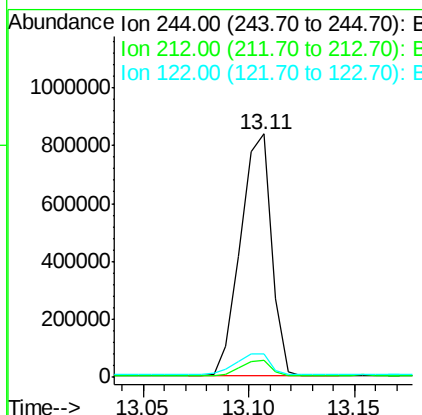
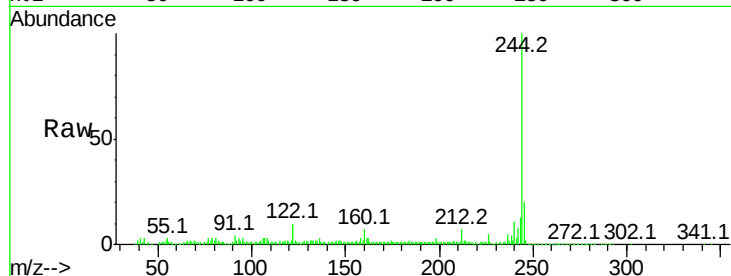




#78
 Terphenyl-d14
 Concen: 72.228 ng
 RT: 13.11 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF106558.D
 Acq: 19 Jun 2018 1:02

Instrument :
 BNA_F
 ClientSampled :
 W-02

Tot Ion:244 Resp: 855349
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 9.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF106558.D
 Acq: 19 Jun 2018 1:02

Tgt Ion:264 Resp: 249733
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.7 17.5 26.3

