

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106560.D
 Acq On : 19 Jun 2018 1:56
 Operator : JU/SJ
 Sample : J3564-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Jun 19 08:46:13 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	103474	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	364743	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	166605	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	237672	20.00	ng	0.00
75) Chrysene-d12	14.15	240	286607	20.00	ng	0.00
86) Perylene-d12	15.68	264	245257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	323603	52.93	ng	0.00
7) Phenol-d6	6.62	99	252049	32.63	ng	0.00
23) Nitrobenzene-d5	7.53	82	522165	84.22	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	178113	111.11	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	813940	87.60	ng	0.00
78) Terphenyl-d14	13.09	244	792122	68.65	ng	0.00

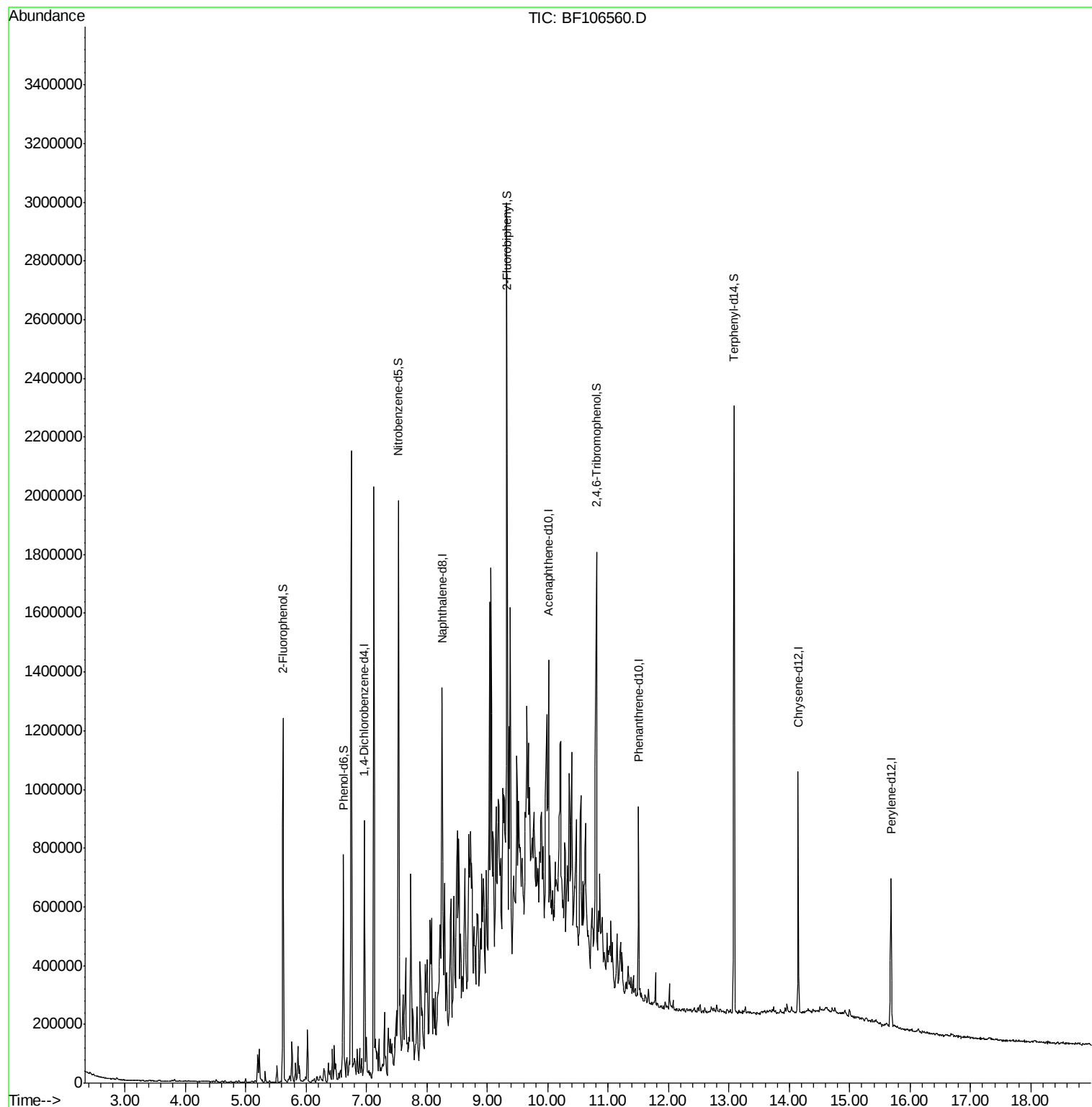
Target Compounds Qvalue

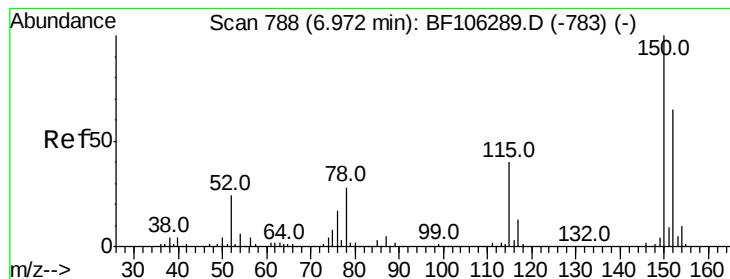
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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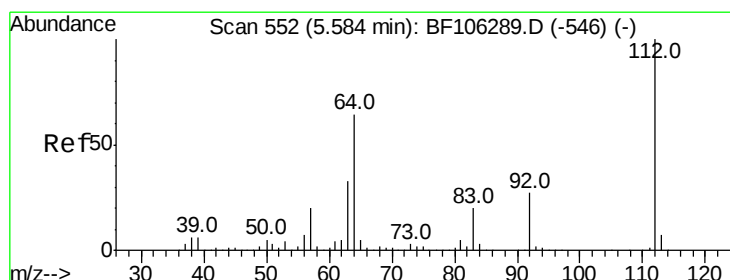
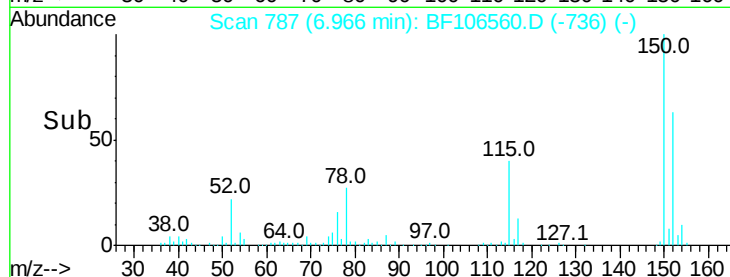
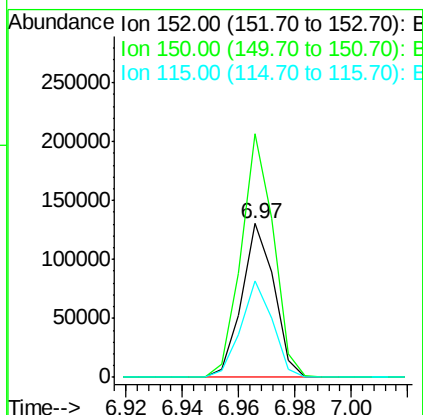
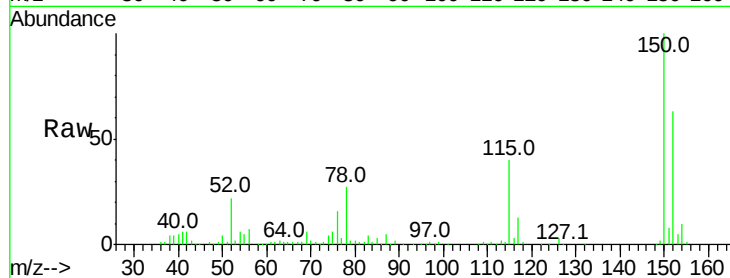


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MW-16

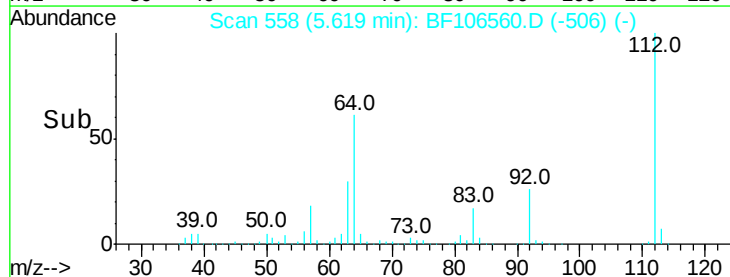
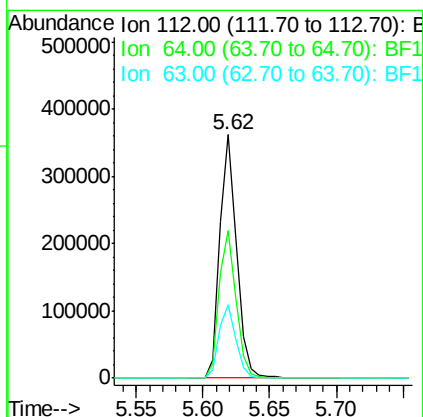
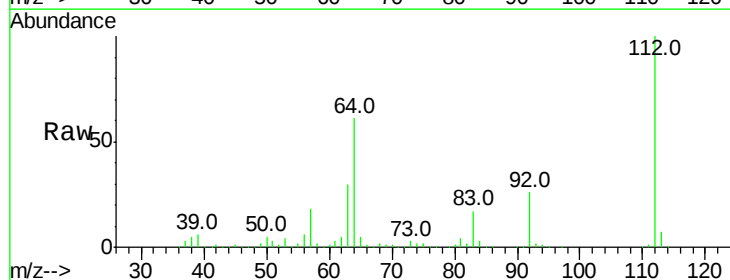
Tot Ion:152 Resp: 103474
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.7 50.1 75.1

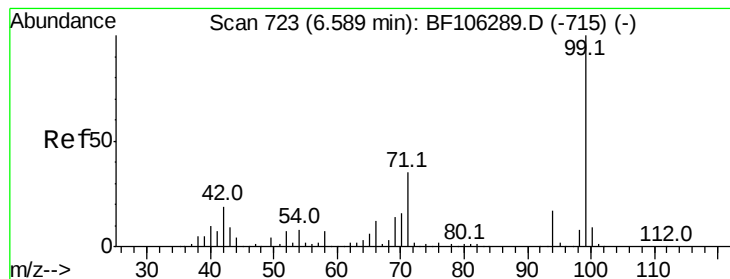


#5

2-Fluorophenol
Concen: 52.931 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion:112 Resp: 323603
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 32.632 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Instrument :

BNA_F

ClientSampleId :

MW-16

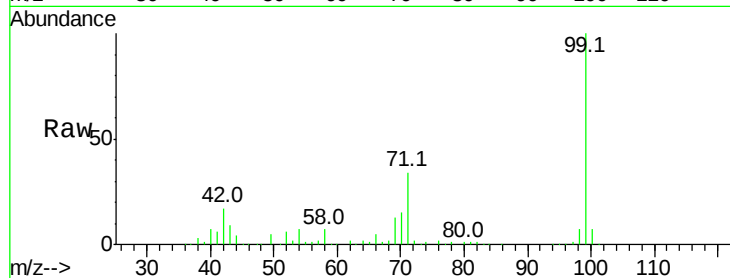
Tot Ion: 99 Resp: 252049

Ion Ratio Lower Upper

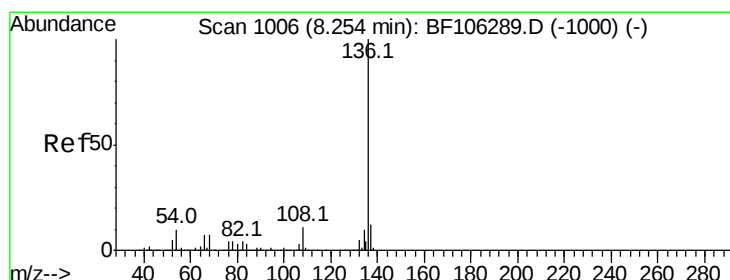
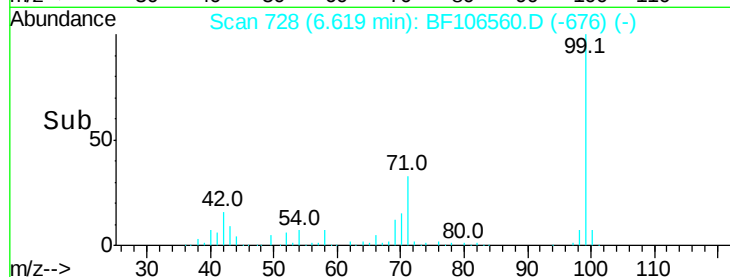
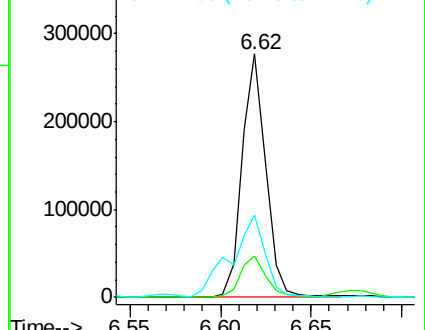
99 100

42 17.1 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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Tgt Ion: 136 Resp: 364743

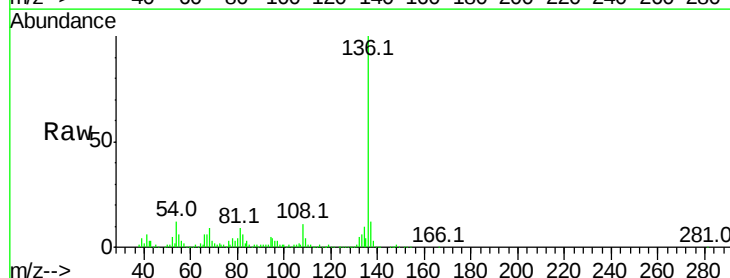
Ion Ratio Lower Upper

136 100

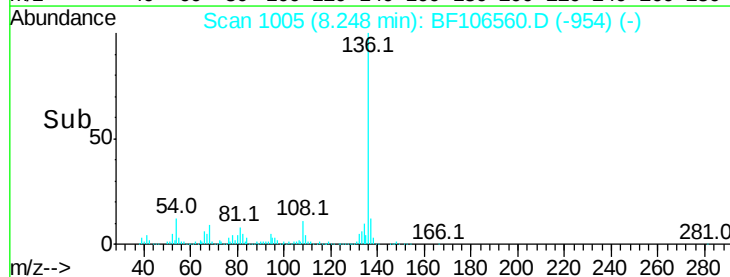
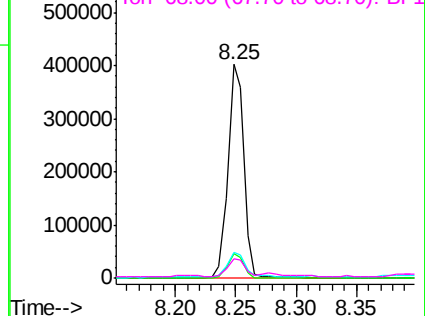
137 11.5 8.9 13.3

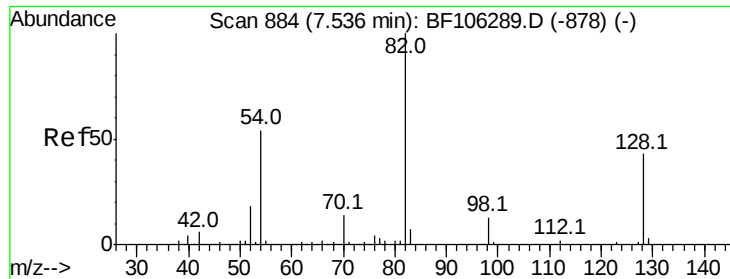
54 11.8 6.6 9.8#

68 9.1 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

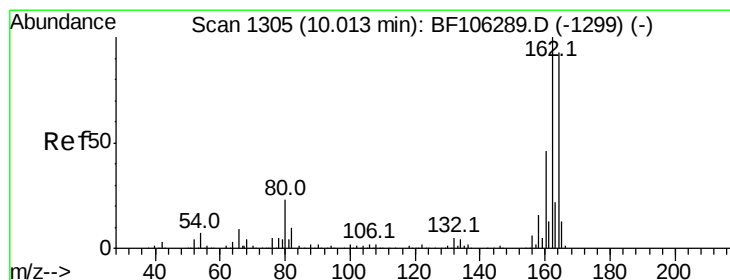
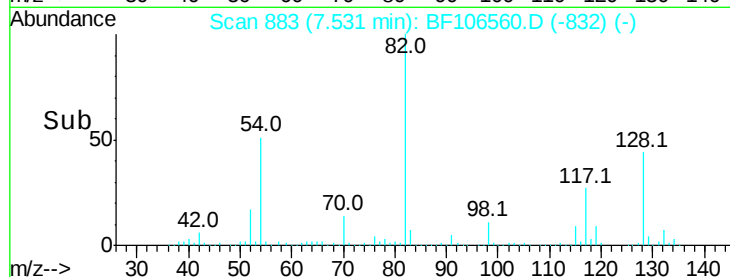
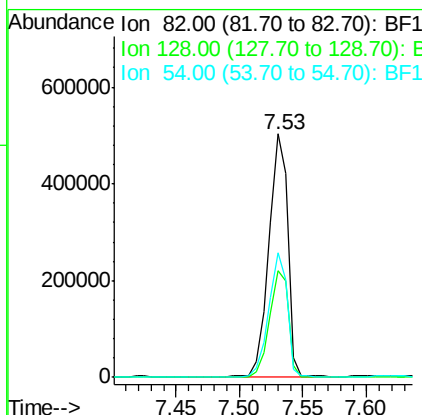
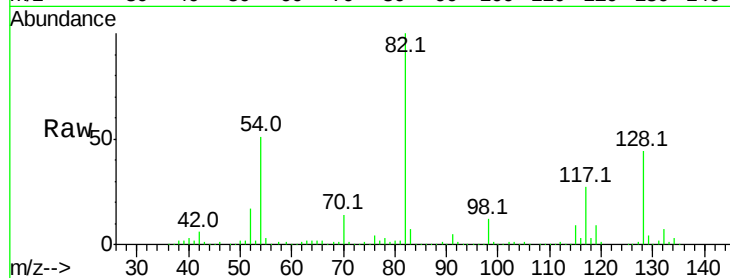




#23
 Nitrobenzene-d5
 Concen: 84.219 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106560.D
 Acq: 19 Jun 2018 1:56

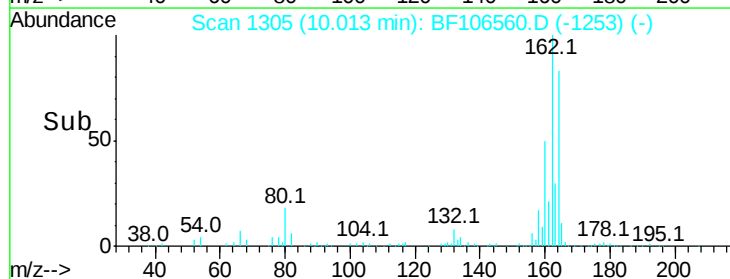
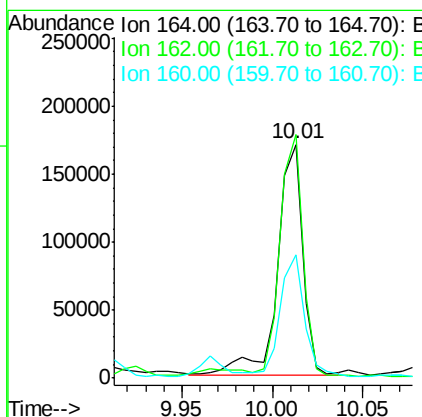
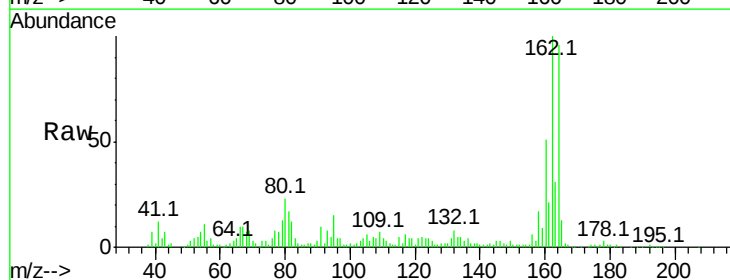
Instrument :
 BNA_F
 ClientSampled :
 MW-16

Tot Ion	82	Resp	522165
Ion Ratio	Lower	Upper	
82	100		
128	43.8	36.1	54.1
54	51.0	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: BF106560.D
 Acq: 19 Jun 2018 1:56

Tgt Ion	164	Resp	166605
Ion Ratio	Lower	Upper	
164	100		
162	104.2	86.1	129.1
160	52.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 111.110 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Instrument :

BNA_F

ClientSampled :

MW-16

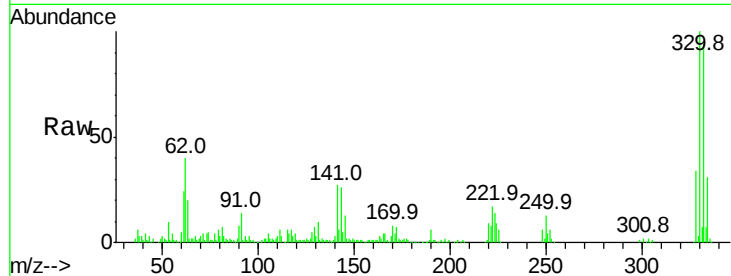
Tot Ion:330 Resp: 178113

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

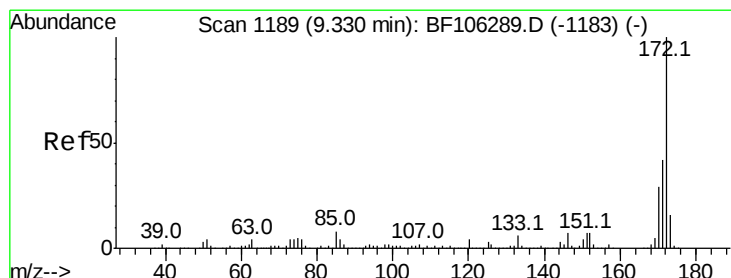
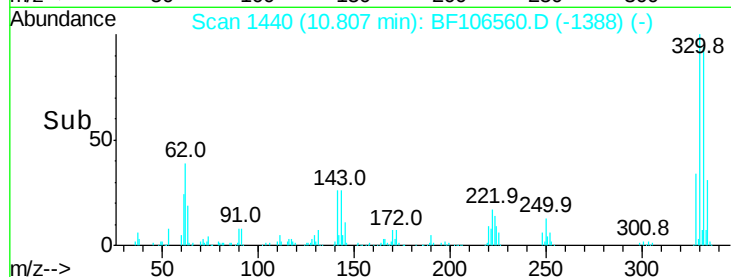
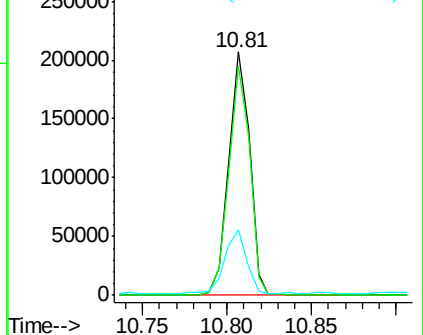
141 27.4 29.9 44.9#



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: 87.598 ng

RT: 9.32 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

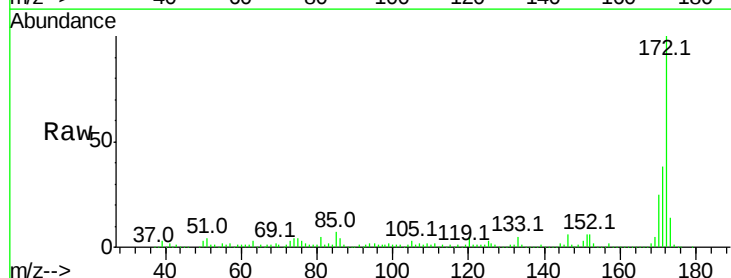
Tgt Ion:172 Resp: 813940

Ion Ratio Lower Upper

172 100

171 37.9 29.7 44.5

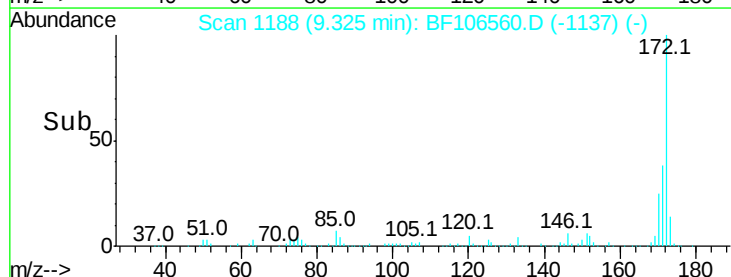
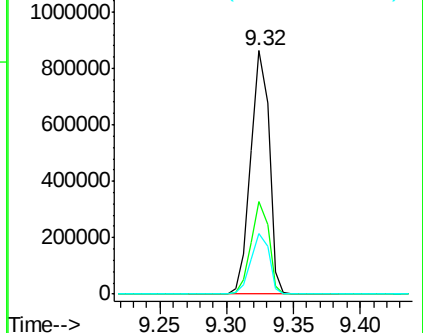
170 25.0 19.6 29.4

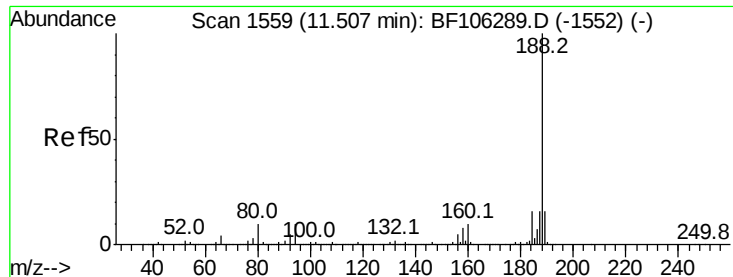


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

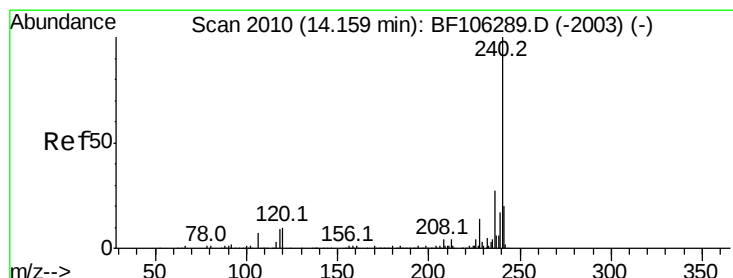
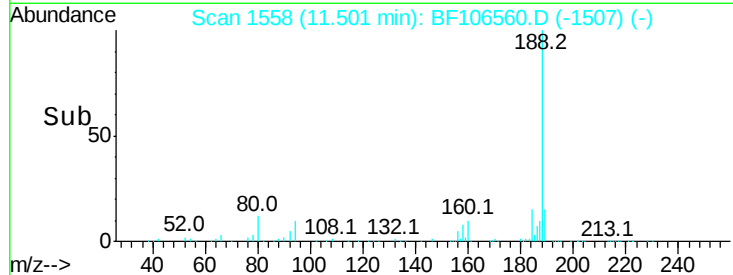
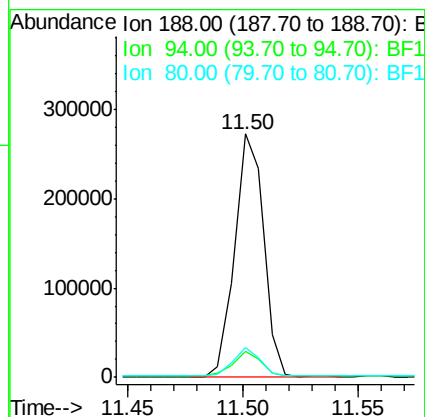
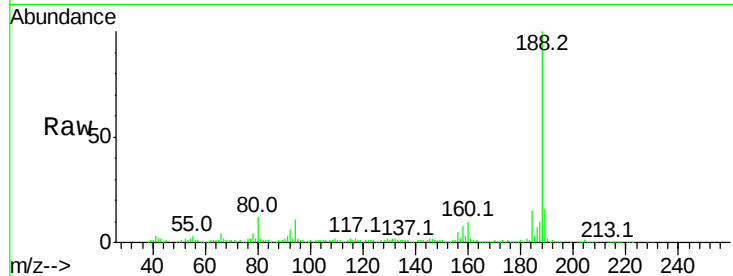




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

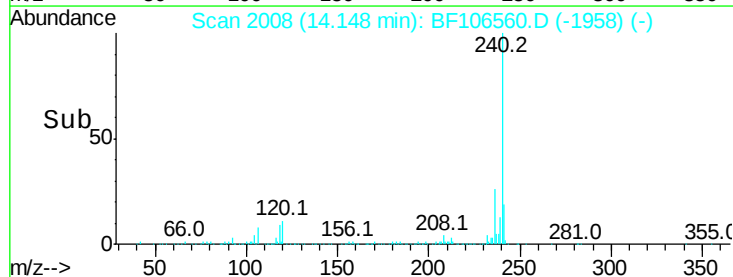
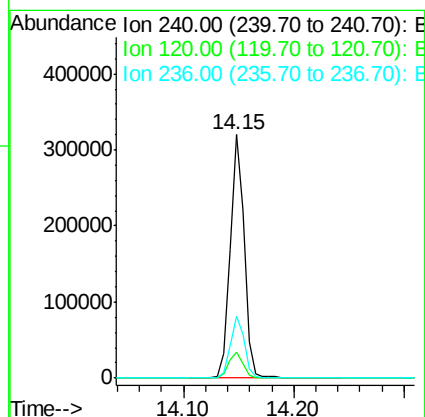
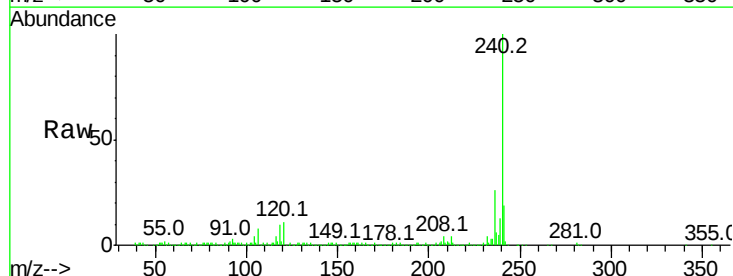
Instrument :
BNA_F
ClientSampleId :
MW-16

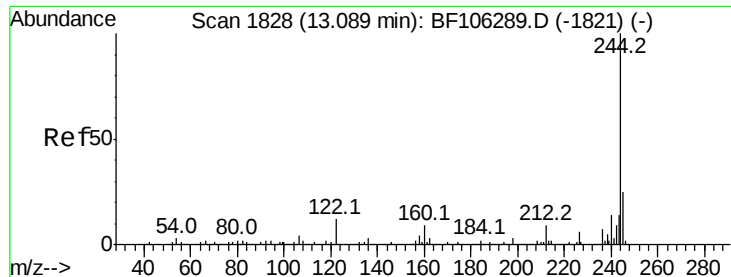
Tot Ion:188 Resp: 237672
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion:240 Resp: 286607
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 68.647 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Instrument :

BNA_F

ClientSampleId :

MW-16

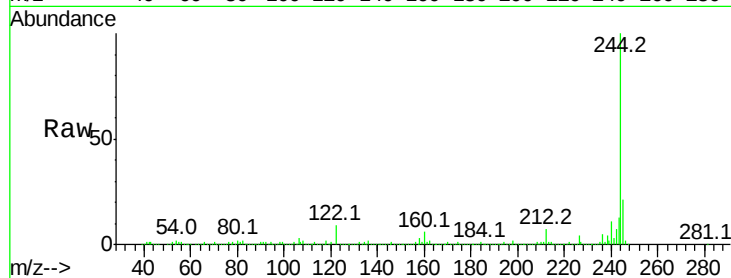
Tot Ion:244 Resp: 792122

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

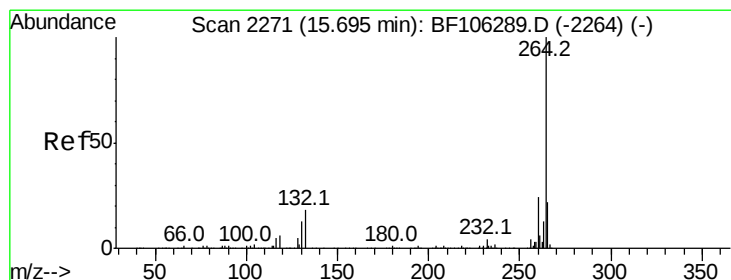
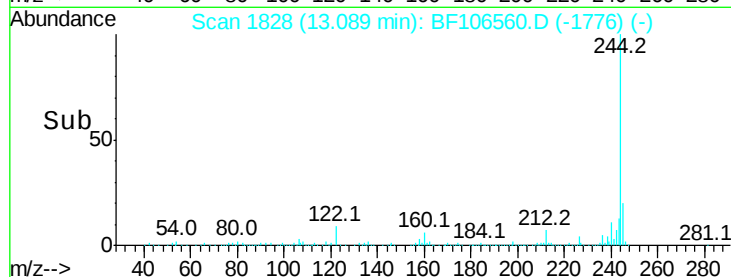
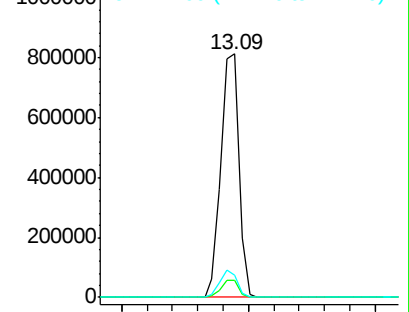
122 9.3 11.0 16.4#



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: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

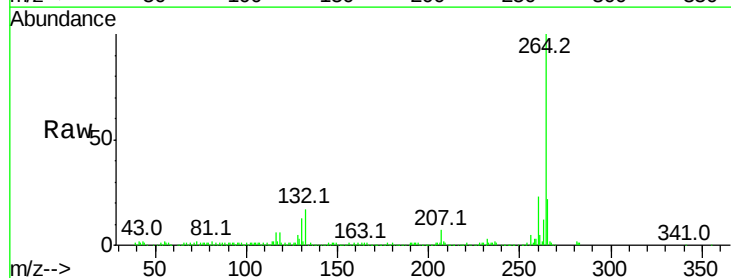
Tgt Ion:264 Resp: 245257

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

