

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106557.D
 Acq On : 19 Jun 2018 00:35
 Operator : JU/SJ
 Sample : J3563-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-07R

Quant Time: Jun 19 08:36:57 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

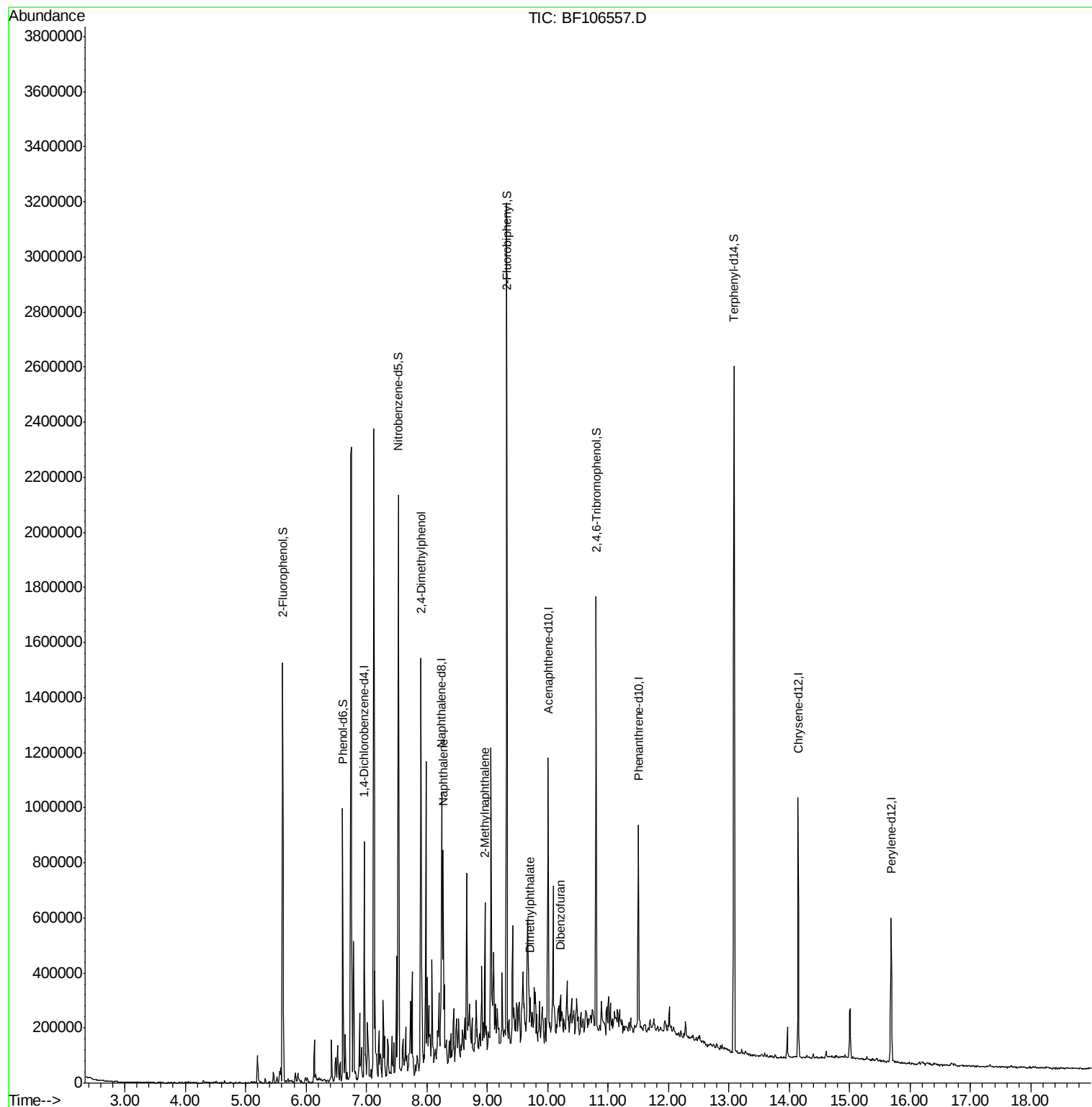
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106360	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	379654	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	160864	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	250443	20.00	ng	0.00
75) Chrysene-d12	14.15	240	301058	20.00	ng	0.00
86) Perylene-d12	15.68	264	265096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	403178	64.16	ng	0.00
7) Phenol-d6	6.61	99	315636	39.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	637776	98.83	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	219698	141.94	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	985617	125.87	ng	0.00
78) Terphenyl-d14	13.09	244	986298	81.37	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.90	122	268612	50.336	ng	99
31) Naphthalene	8.27	128	275503	16.053	ng	99
37) 2-Methylnaphthalene	8.96	142	132072	11.299	ng	99
49) Dimethylphthalate	9.71	163	40111	3.490	ng	# 95
54) Dibenzofuran	10.21	168	26590	2.003	ng	# 96

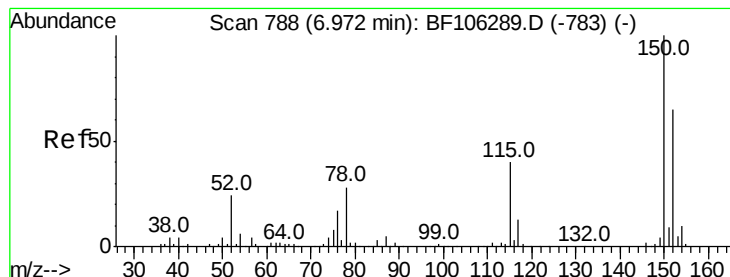
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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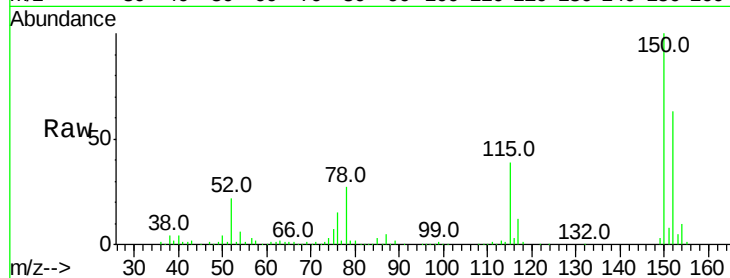


#1

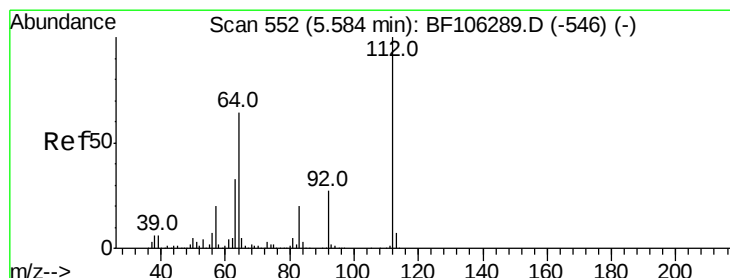
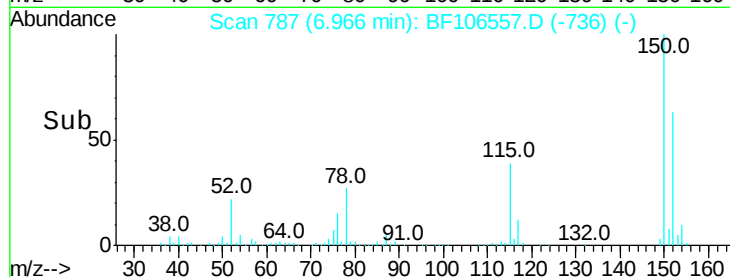
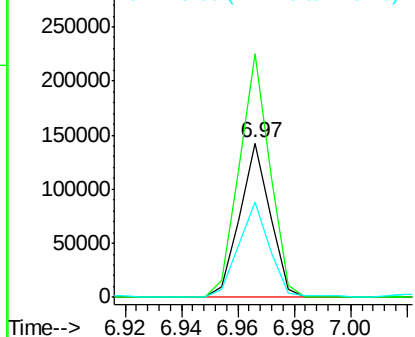
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106557.D
Acq: 19 Jun 2018 00:35

Instrument :
BNA_F
ClientSampleId :
W-07R

Tot Ion:152 Resp: 106360
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 61.5 50.1 75.1



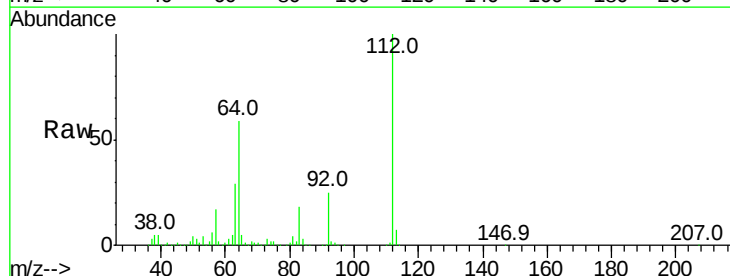
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



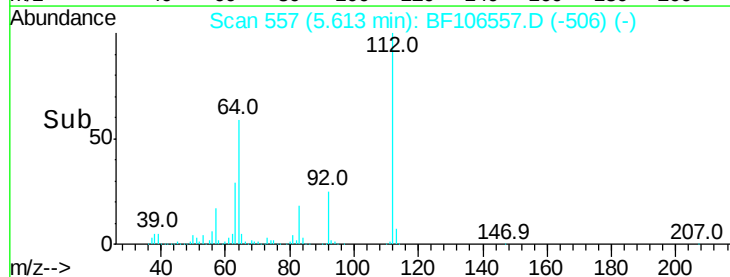
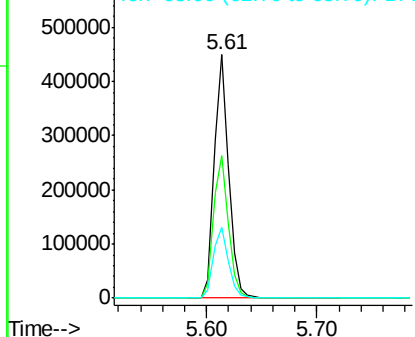
#5

2-Fluorophenol
Concen: 64.157 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106557.D
Acq: 19 Jun 2018 00:35

Tgt Ion:112 Resp: 403178
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.3 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: 39.755 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

Instrument :

BNA_F

ClientSampleId :

W-07R

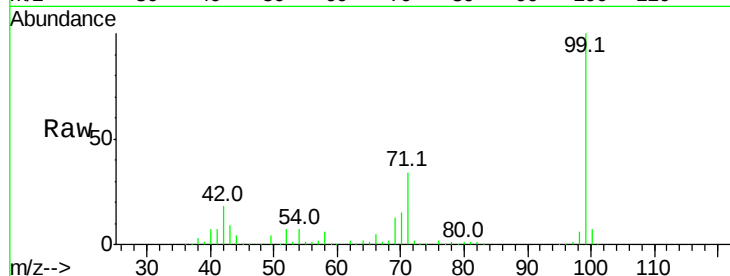
Tot Ion: 99 Resp: 315636

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

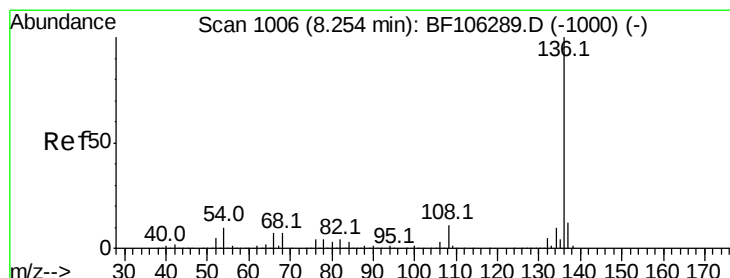
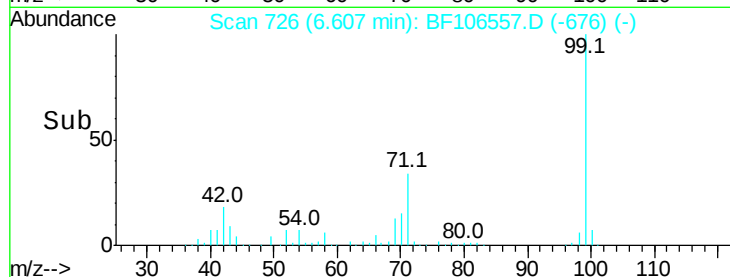
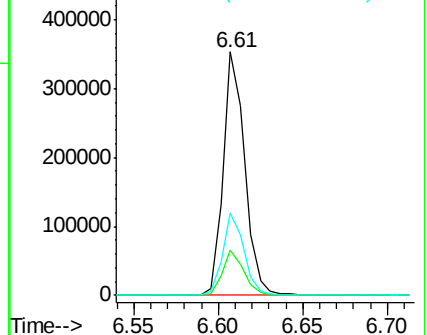
71 33.7 25.4 38.0



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: BF106557.D

Acq: 19 Jun 2018 00:35

Tgt Ion: 136 Resp: 379654

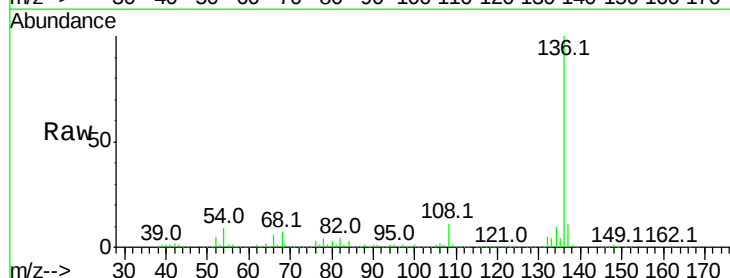
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 7.1 5.0 7.4

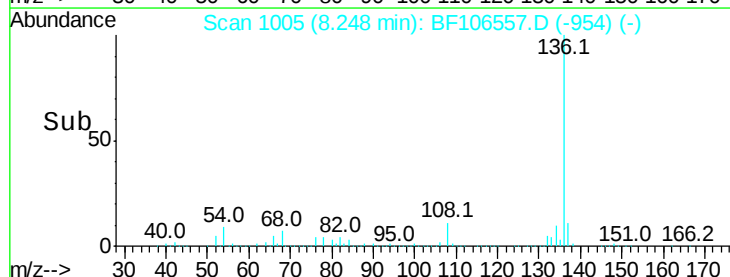
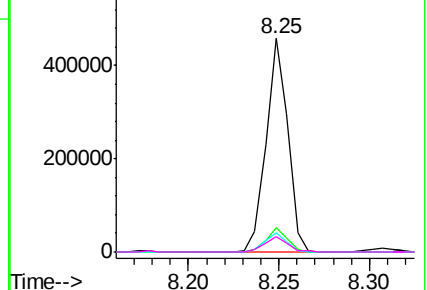


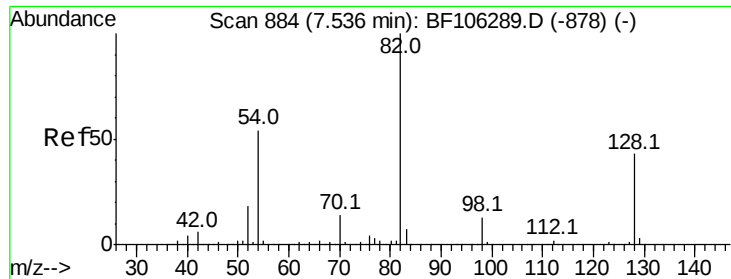
Abundance Ion 136.00 (135.70 to 136.70): E

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

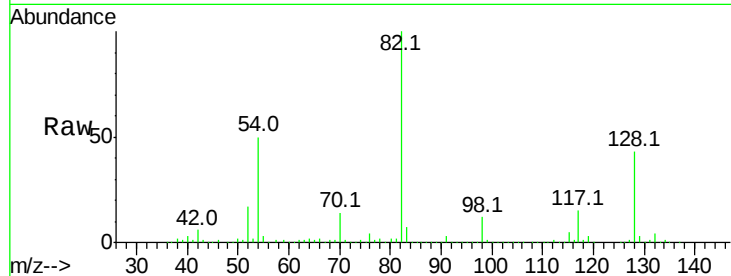




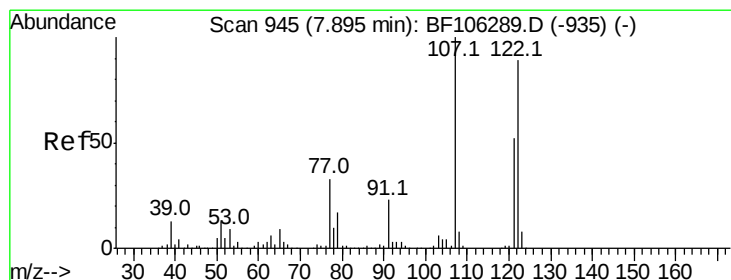
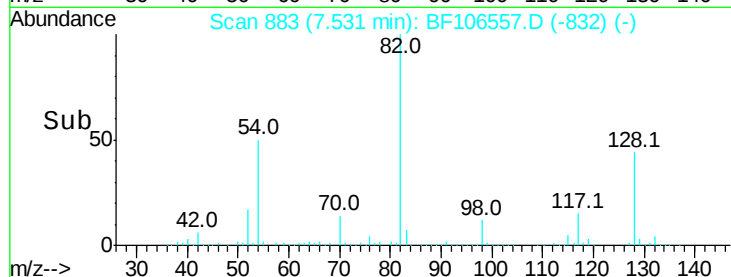
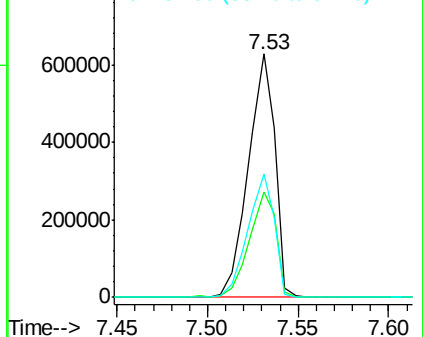
#23
 Nitrobenzene-d5
 Concen: 98.825 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106557.D
 Acq: 19 Jun 2018 00:35

Instrument :
 BNA_F
 ClientSampleId :
 W-07R

Tot Ion: 82 Resp: 637776
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 50.5 41.4 62.2

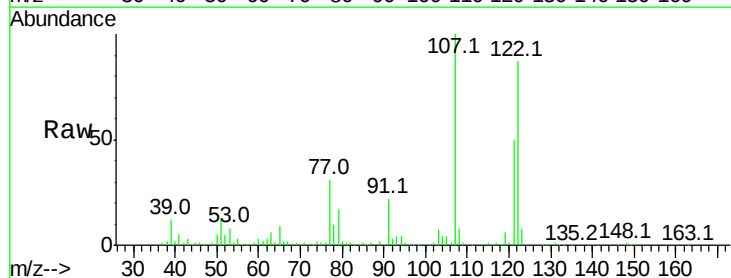


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

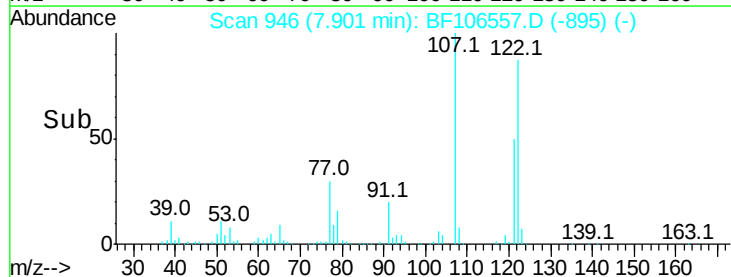
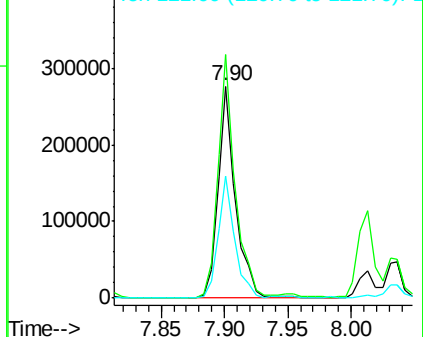


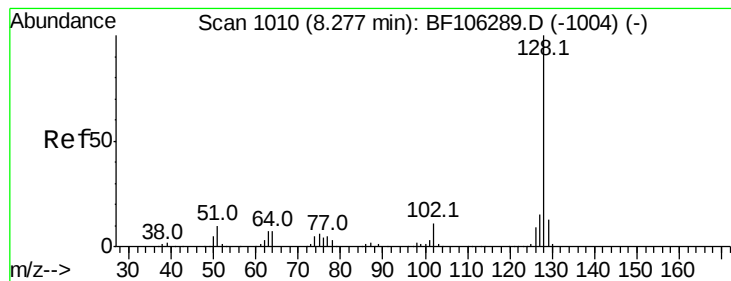
#27
 2,4-Dimethylphenol
 Concen: 50.336 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF106557.D
 Acq: 19 Jun 2018 00:35

Tgt Ion:122 Resp: 268612
 Ion Ratio Lower Upper
 122 100
 107 114.7 91.2 136.8
 121 57.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 107.00 (106.70 to 107.70): BF1
 Ion 121.00 (120.70 to 121.70): BF1





#31

Naphthalene

Concen: 16.053 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

Instrument :

BNA_F

ClientSampleId :

W-07R

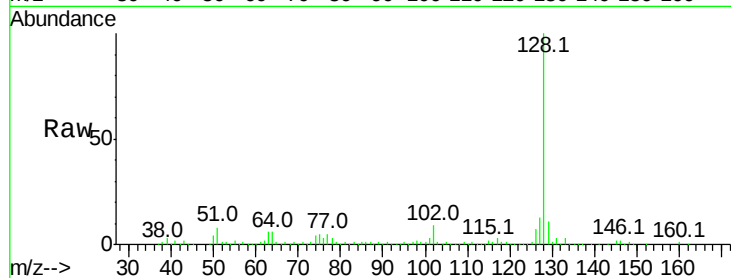
Tot Ion:128 Resp: 275503

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

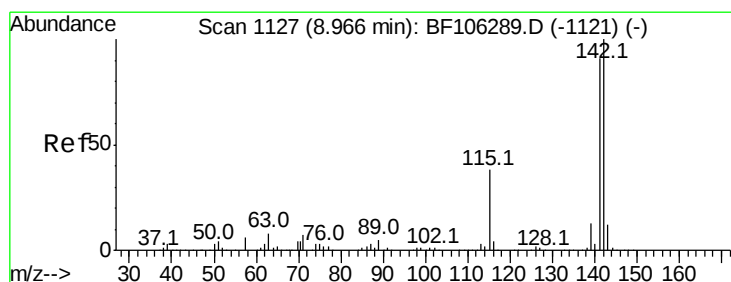
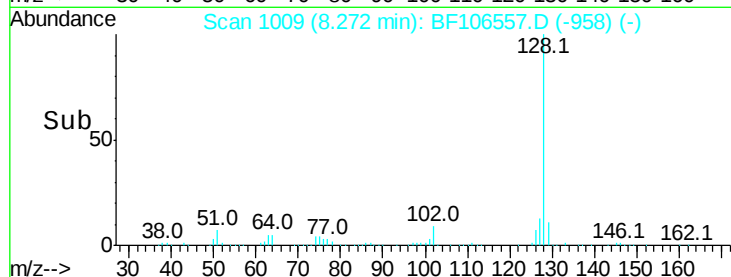
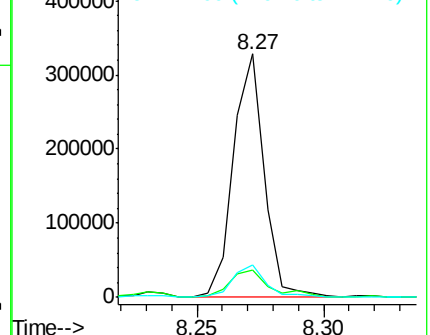
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 11.299 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

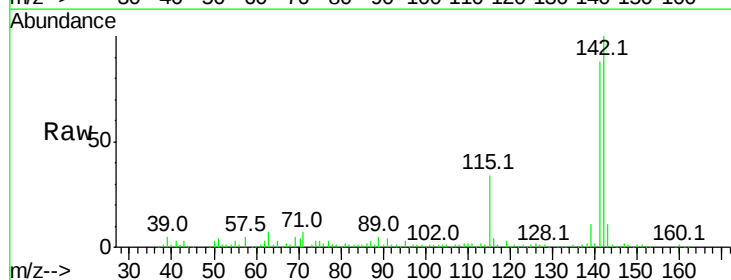
Tgt Ion:142 Resp: 132072

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

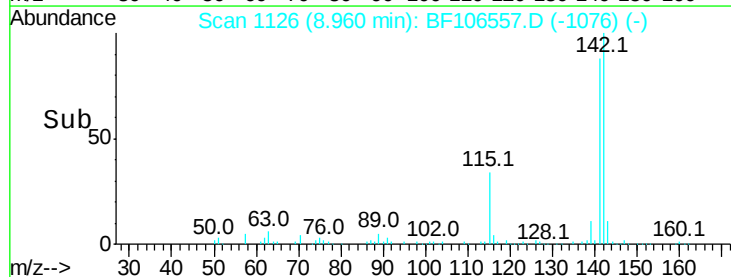
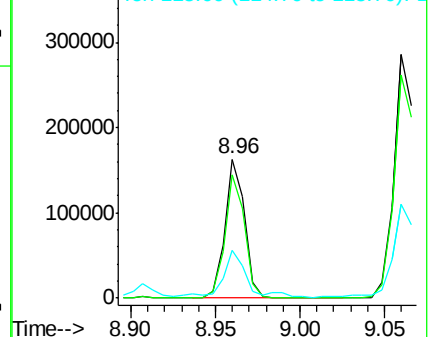
115 34.0 26.1 39.1

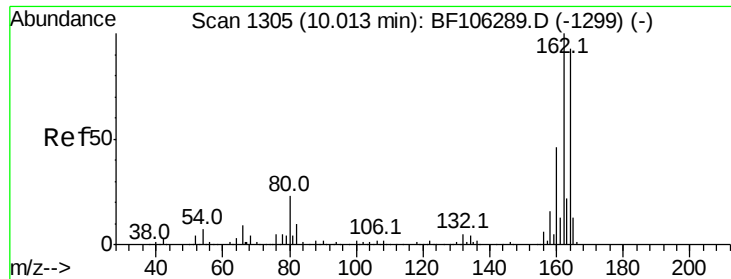


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

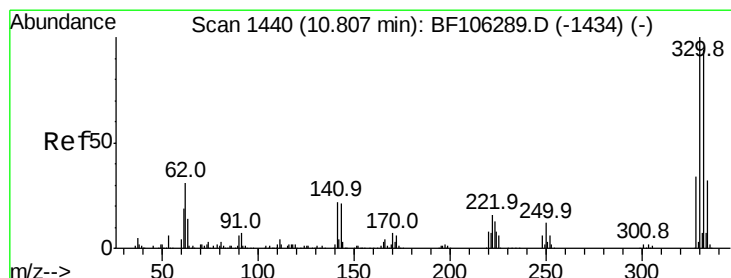
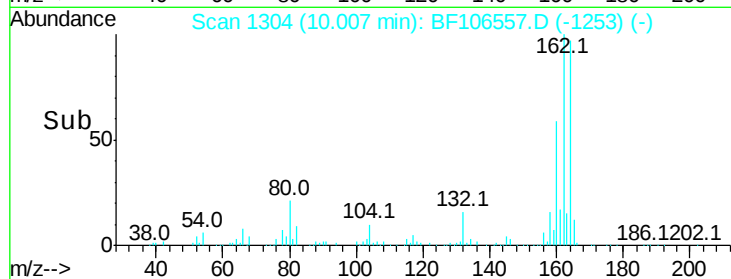
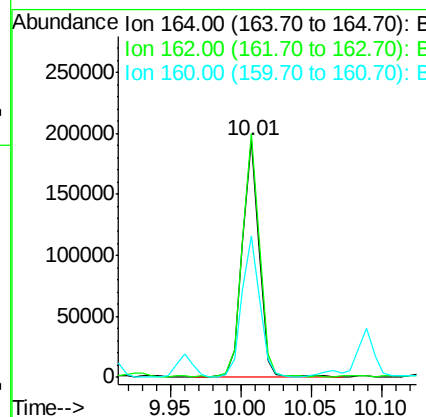
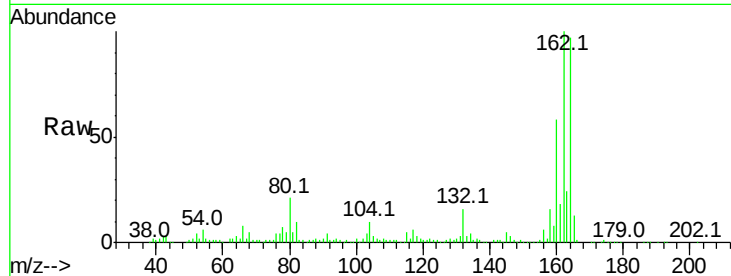




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106557.D
 Acq: 19 Jun 2018 00:35

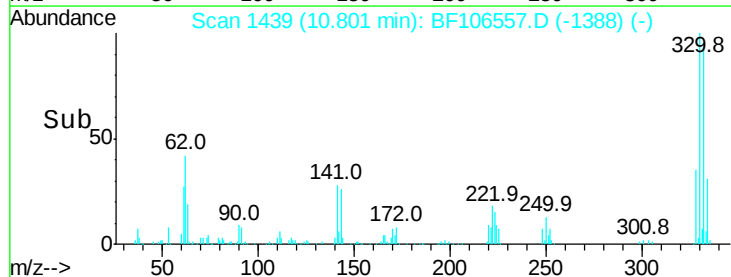
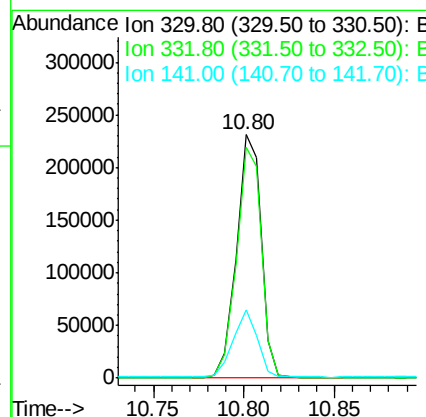
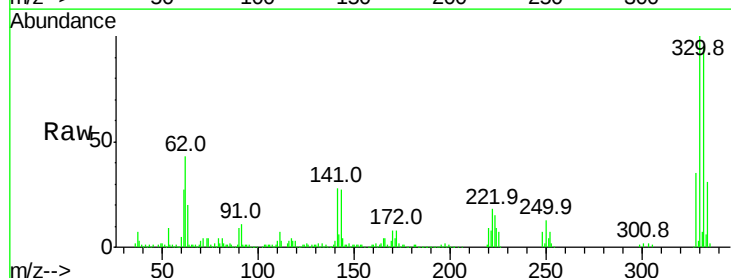
Instrument :
 BNA_F
 ClientSampleId :
 W-07R

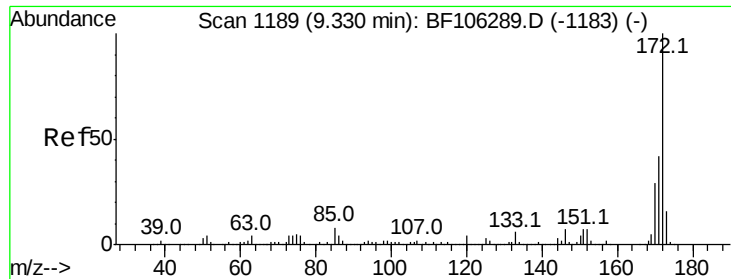
Tot Ion:164 Resp: 160864
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 59.8 38.3 57.5#



#41
 2,4,6-Tribromophenol
 Concen: 141.943 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106557.D
 Acq: 19 Jun 2018 00:35

Tgt Ion:330 Resp: 219698
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 27.3 29.9 44.9#

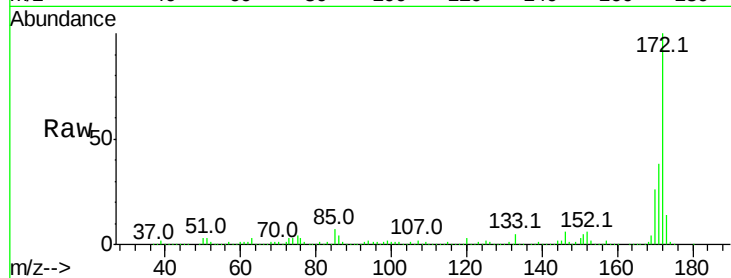




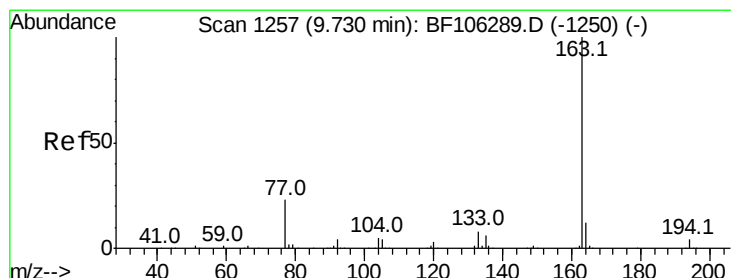
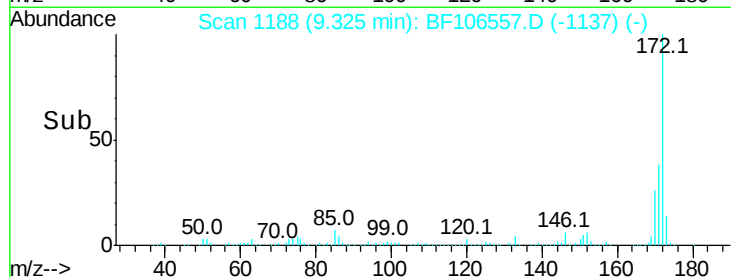
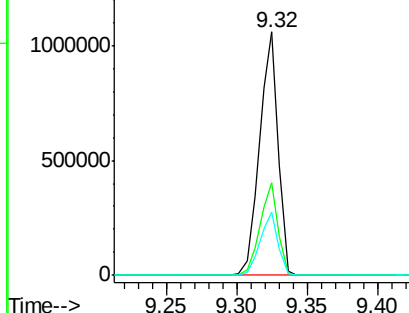
#44
 2-Fluorobiphenyl
 Concen: 125.871 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106557.D
 Acq: 19 Jun 2018 00:35

Instrument :
 BNA_F
 ClientSampleId :
 W-07R

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.7	19.6	29.4

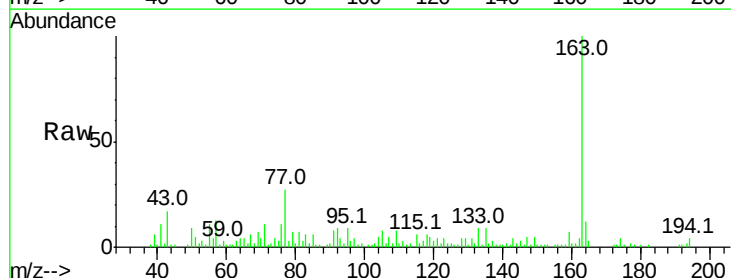


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

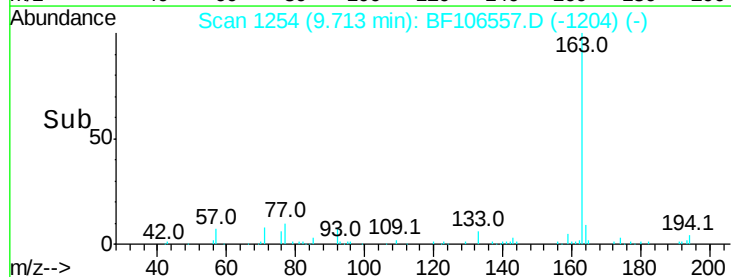
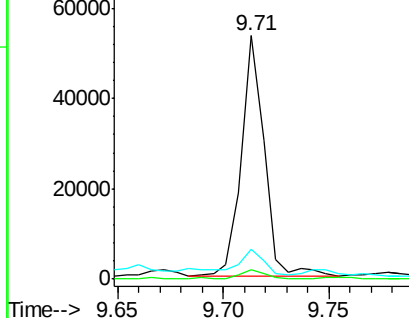


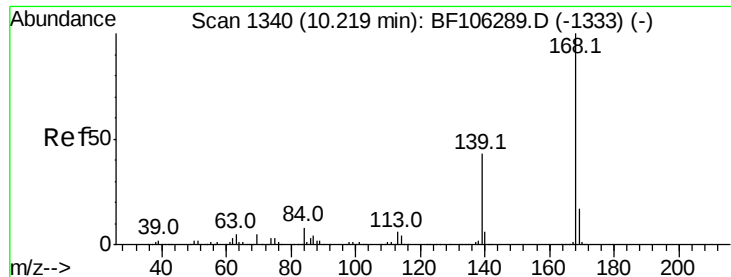
#49
 Dimethylphthalate
 Concen: 3.490 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106557.D
 Acq: 19 Jun 2018 00:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	12.2	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: 2.003 ng

RT: 10.21 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

Instrument :

BNA_F

ClientSampleId :

W-07R

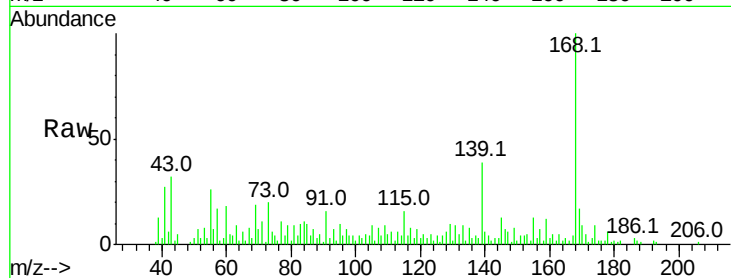
Tot Ion:168 Resp: 26590

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

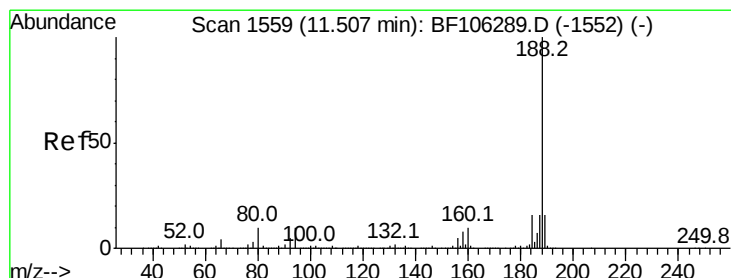
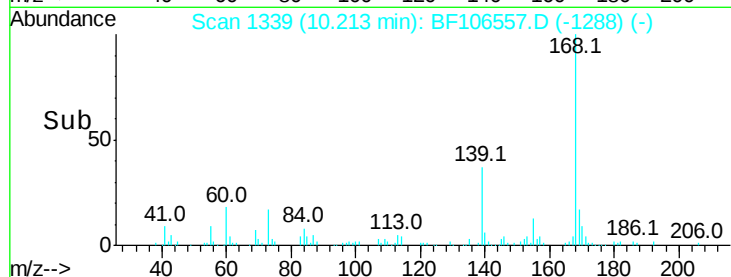
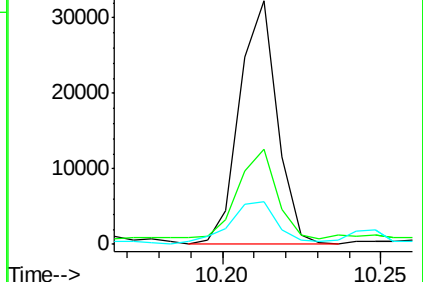
169 17.5 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

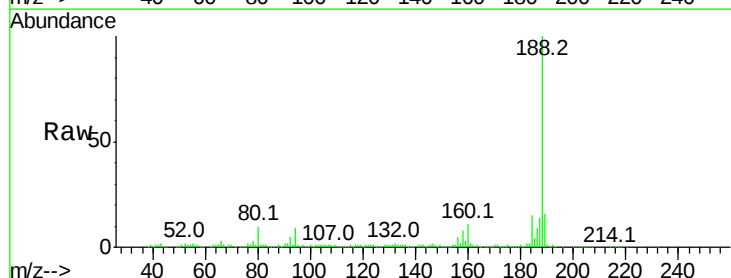
Tgt Ion:188 Resp: 250443

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

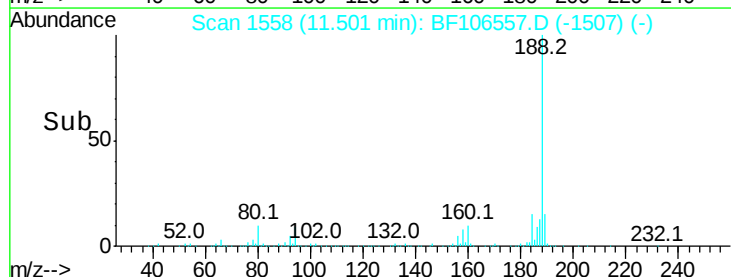
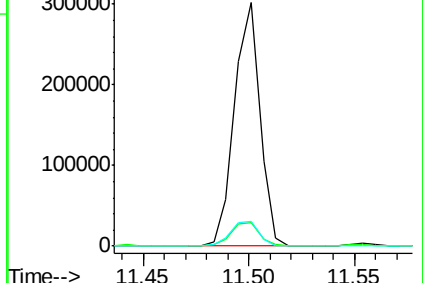
80 9.9 9.2 13.8

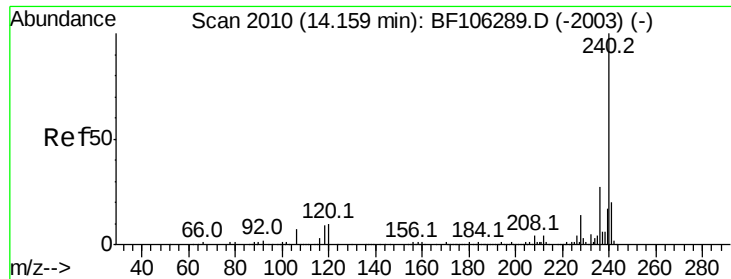


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

Instrument :

BNA_F

ClientSampleId :

W-07R

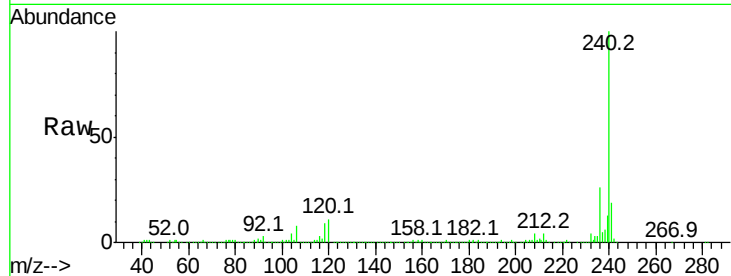
Tot Ion:240 Resp: 301058

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

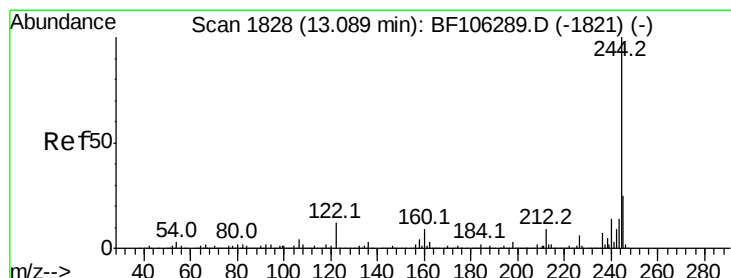
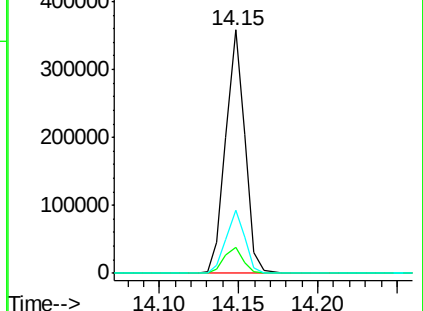
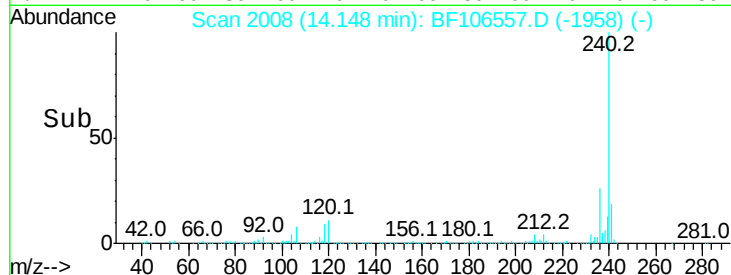
236 26.1 20.7 31.1



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: 81.371 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

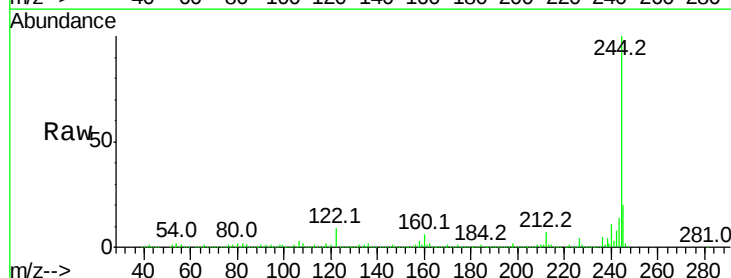
Tgt Ion:244 Resp: 986298

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

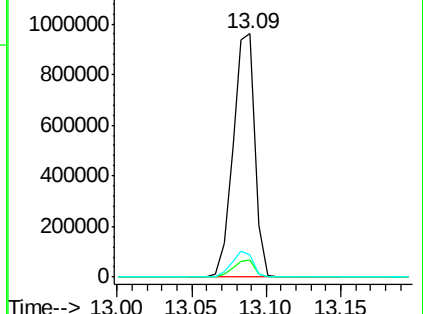
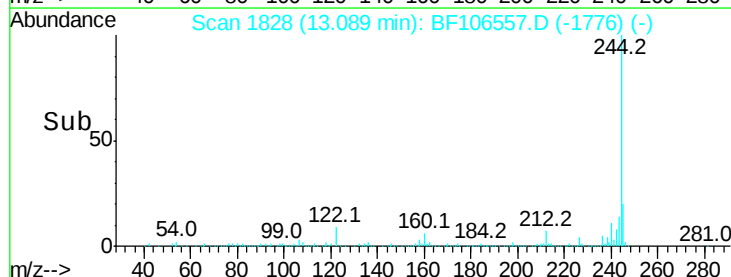
122 8.9 11.0 16.4#

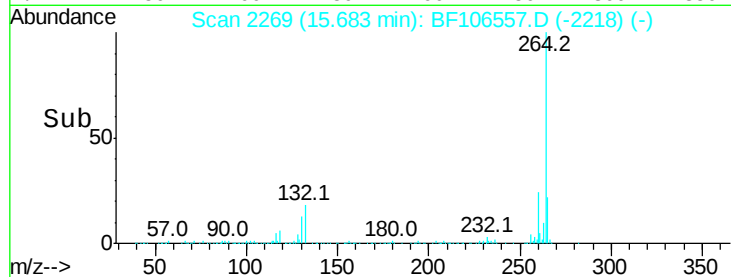
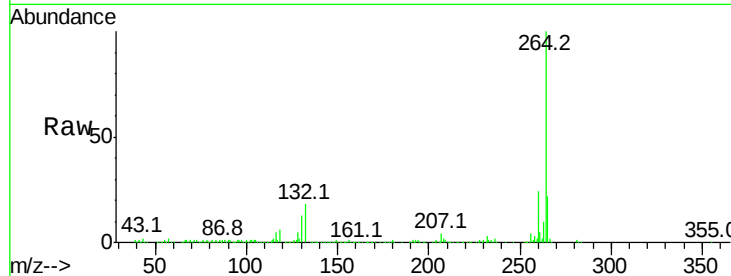
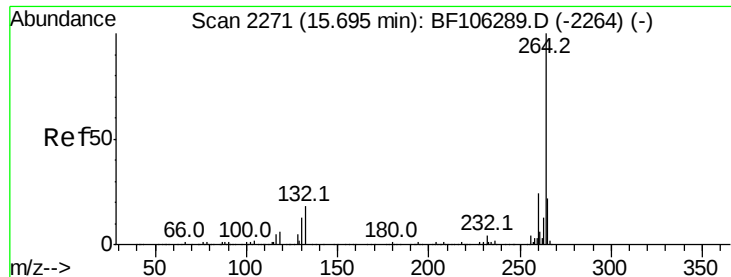


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106557.D

Acq: 19 Jun 2018 00:35

Instrument :

BNA_F

ClientSampleId :

W-07R

Tot Ion:264 Resp: 265096

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 17.5 26.3

