

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106593.D
 Acq On : 19 Jun 2018 20:16
 Operator : JU/SJ
 Sample : J3522-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-01

Quant Time: Jun 20 02:25:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

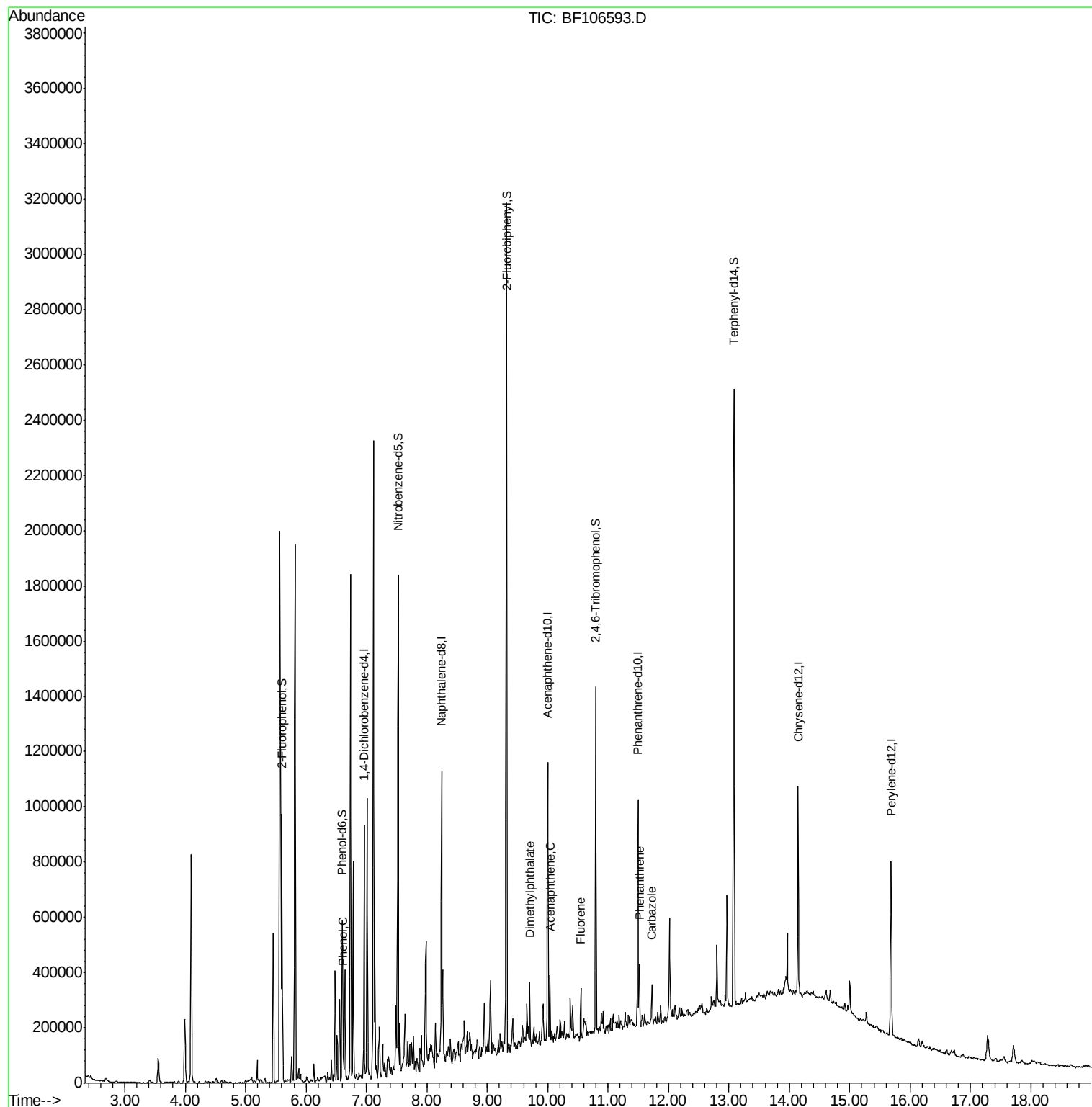
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	116849	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	439348	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	184982	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	280974	20.00	ng	0.00
75) Chrysene-d12	14.15	240	272814	20.00	ng	0.00
86) Perylene-d12	15.68	264	320356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	259691	37.63	ng	0.00
7) Phenol-d6	6.60	99	199388	23.14	ng	0.00
23) Nitrobenzene-d5	7.52	82	657344	83.15	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	161352	75.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1050741	98.49	ng	0.00
78) Terphenyl-d14	13.08	244	815983	72.45	ng	0.00
Target Compounds						
10) Phenol	6.61	94	28741	2.922	ng	95
49) Dimethylphthalate	9.71	163	83828	6.042	ng	99
51) Acenaphthene	10.04	154	47528	4.120	ng	99
57) Fluorene	10.55	166	42938	3.425	ng	98
70) Phenanthrene	11.52	178	73695	5.438	ng	98
72) Carbazole	11.73	167	61220	4.727	ng	99

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

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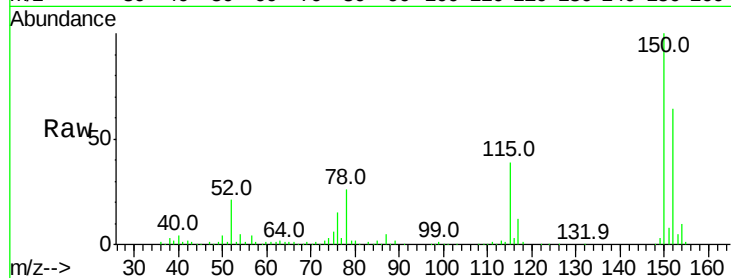


#1

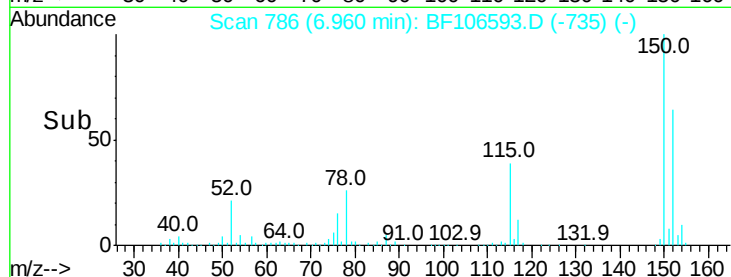
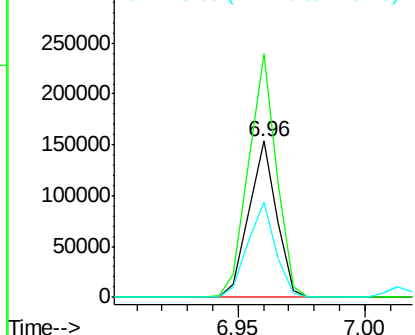
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

Instrument :
BNA_F
ClientSampleId :
TPTW-01

Tot Ion:152 Resp: 116849
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 61.1 50.1 75.1



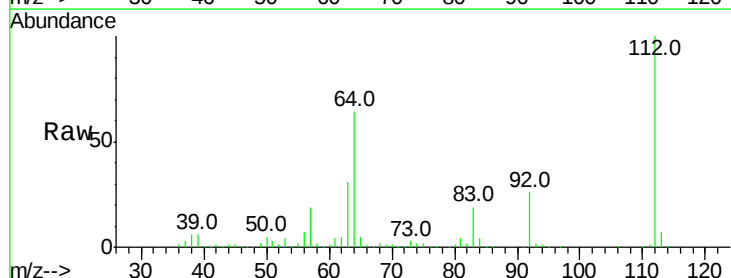
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



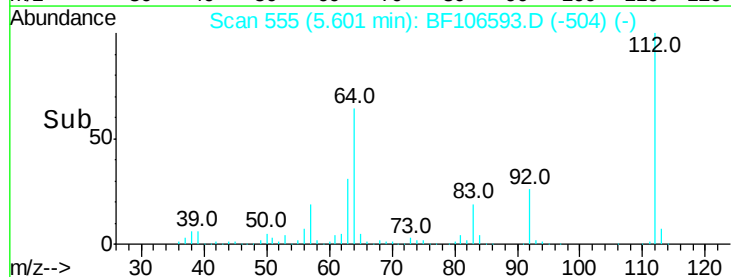
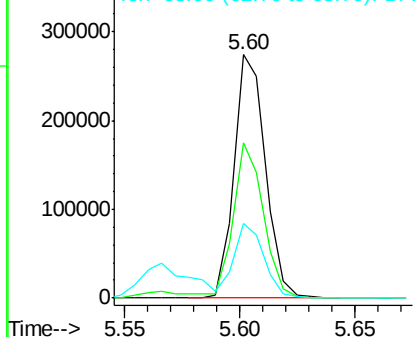
#5

2-Fluorophenol
Concen: 37.633 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

Tgt Ion:112 Resp: 259691
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 30.8 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: 23.138 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

Instrument :

BNA_F

ClientSampled :

TPTW-01

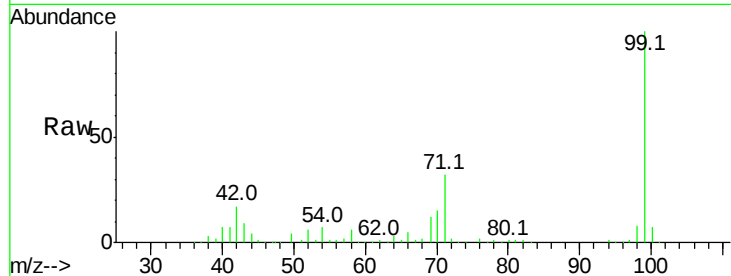
Tot Ion: 99 Resp: 199388

Ion Ratio Lower Upper

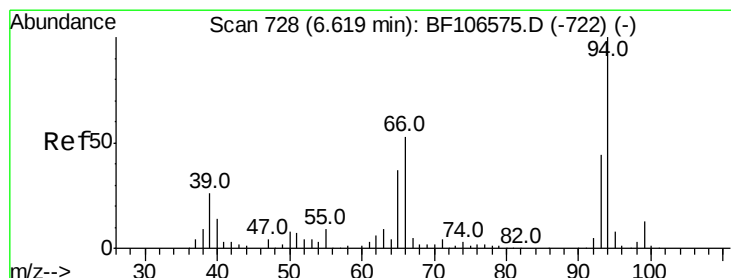
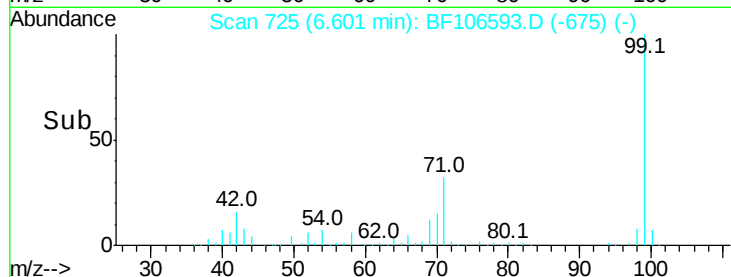
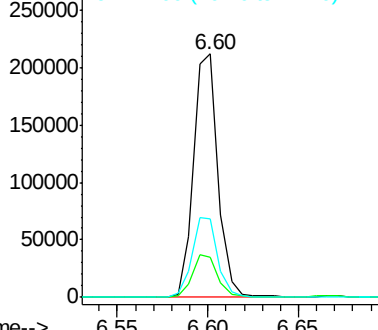
99 100

42 16.6 14.5 21.7

71 32.2 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



#10

Phenol

Concen: 2.922 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

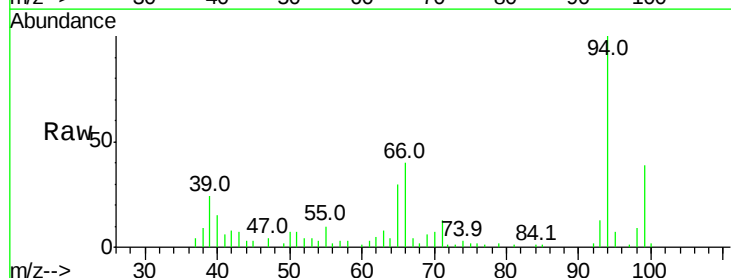
Tgt Ion: 94 Resp: 28741

Ion Ratio Lower Upper

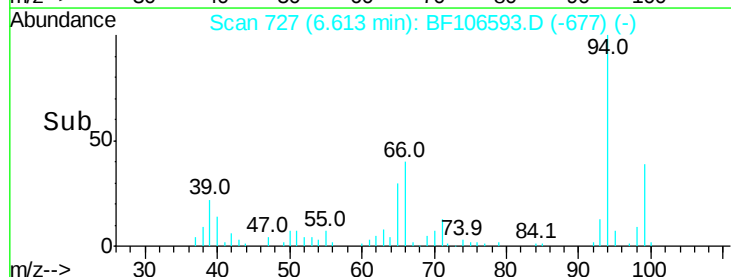
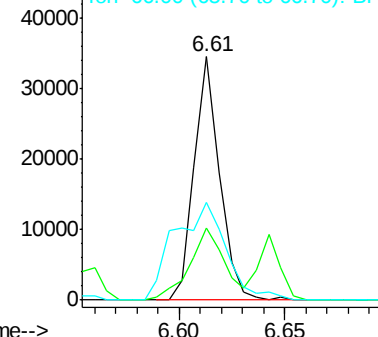
94 100

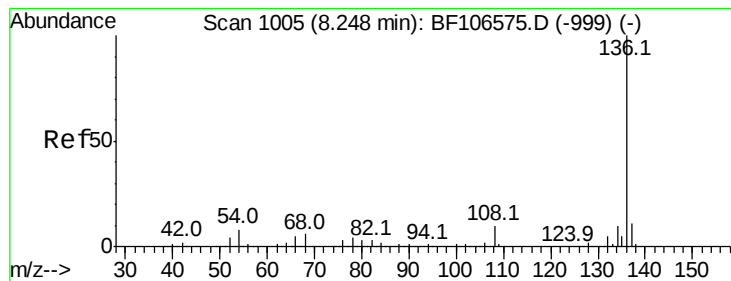
65 29.7 7.9 47.9

66 40.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

Instrument :

BNA_F

ClientSampleId :

TPTW-01

Tot Ion:136 Resp: 439348

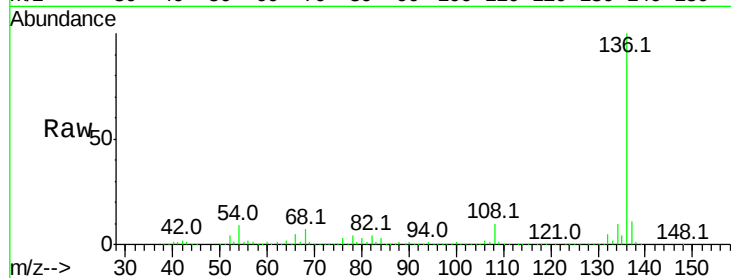
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.9 6.6 9.8

68 6.9 5.0 7.4

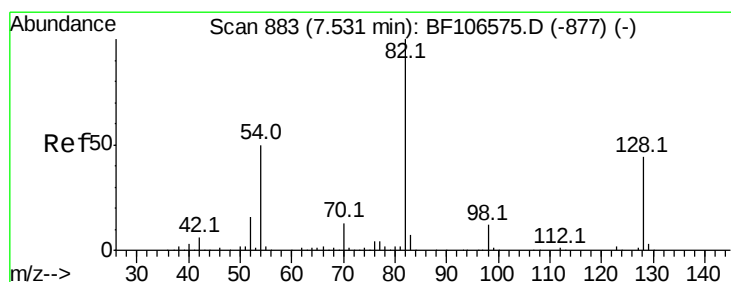
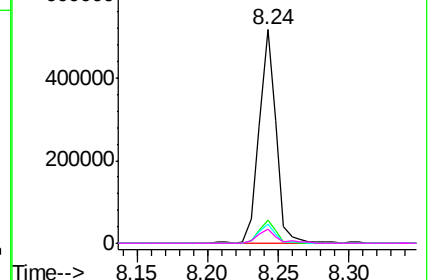
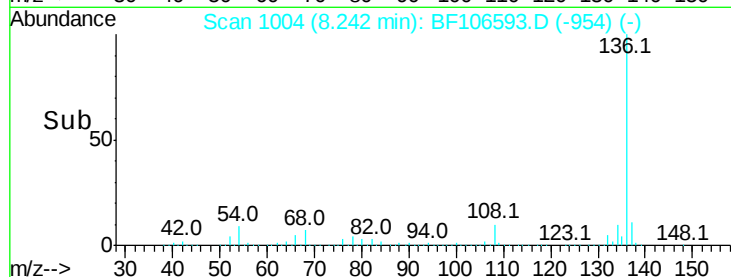


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.148 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

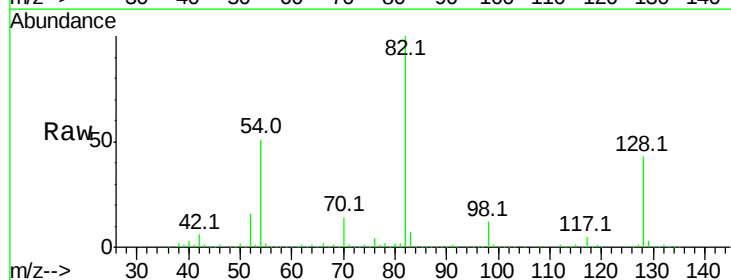
Tgt Ion: 82 Resp: 657344

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

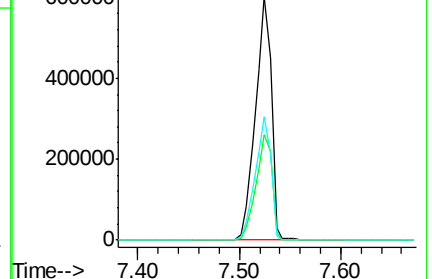
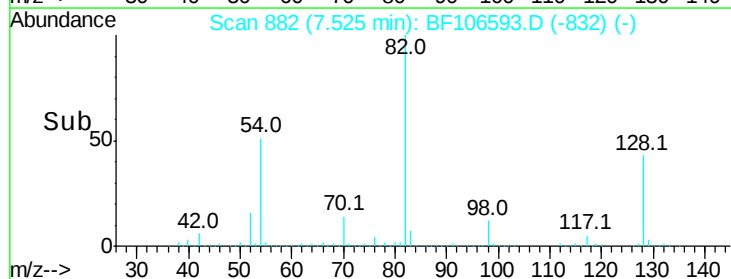
54 50.6 41.4 62.2

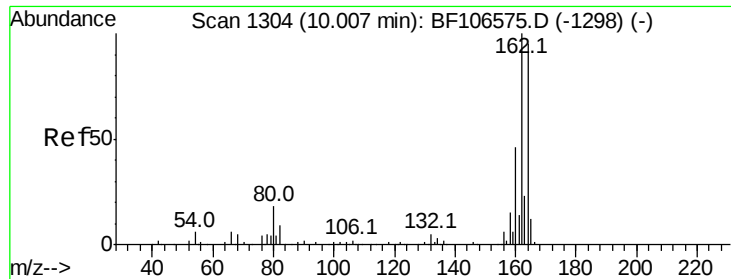


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

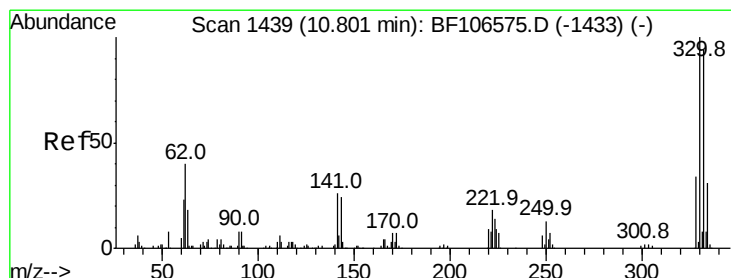
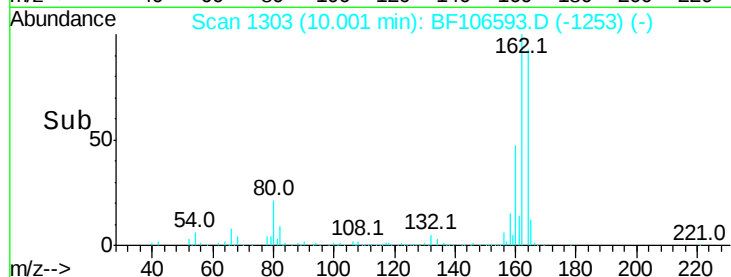
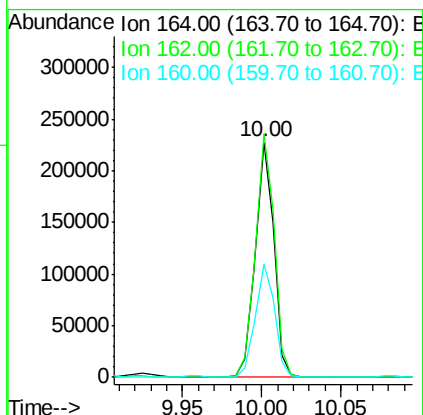
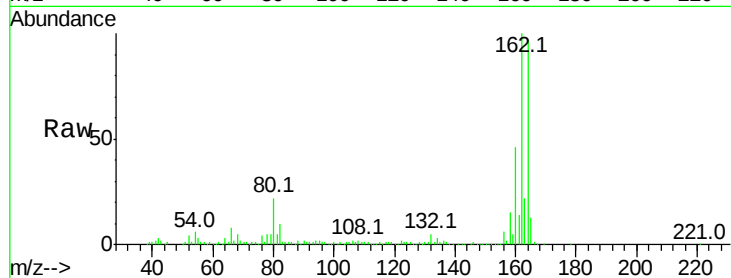




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

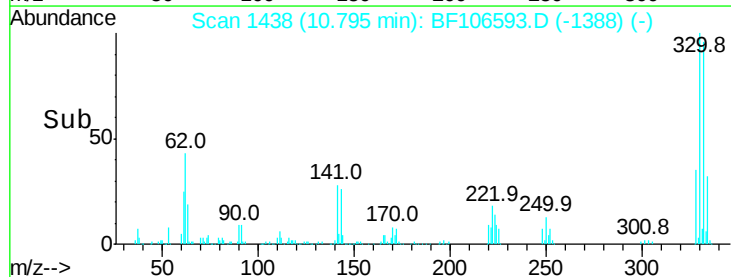
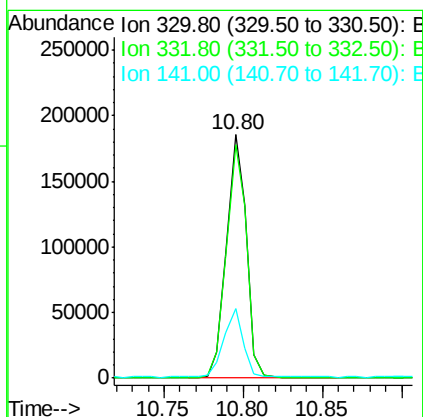
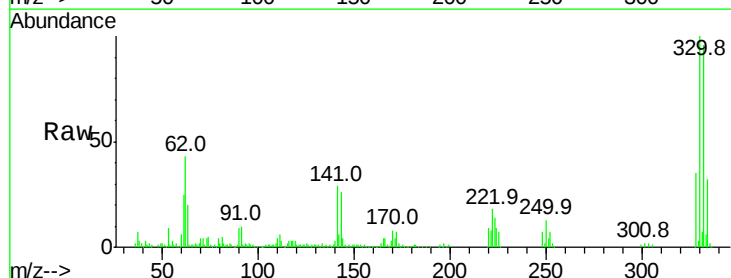
Instrument :
BNA_F
ClientSampleId :
TPTW-01

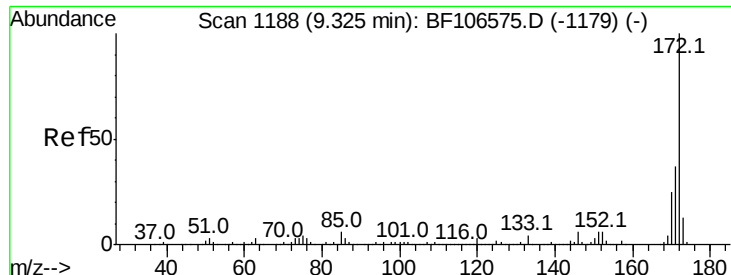
Tot Ion:164 Resp: 184982
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 48.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 75.258 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

Tgt Ion:330 Resp: 161352
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 27.4 29.9 44.9#

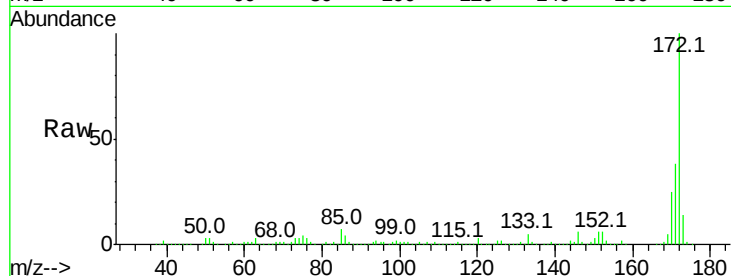




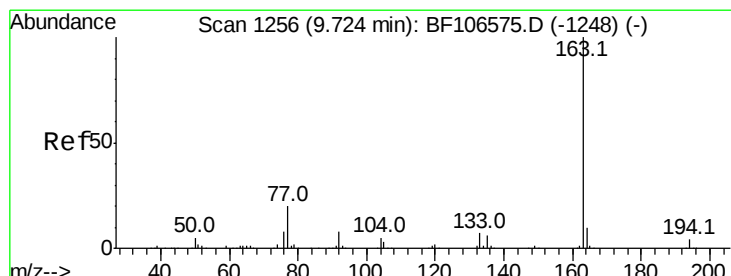
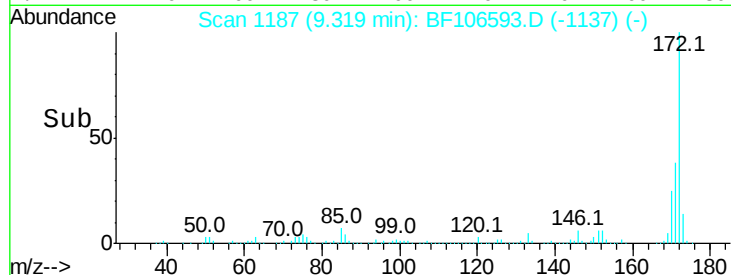
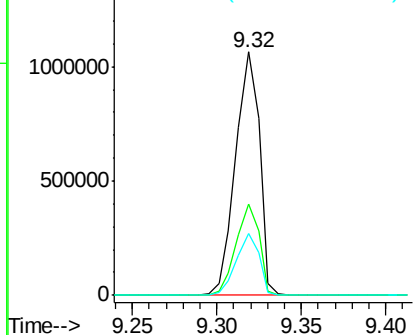
#44
2-Fluorobiphenyl
Concen: 98.485 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

Instrument :
BNA_F
ClientSampleId :
TPTW-01

Tot Ion:172 Resp: 1050741
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.3 19.6 29.4

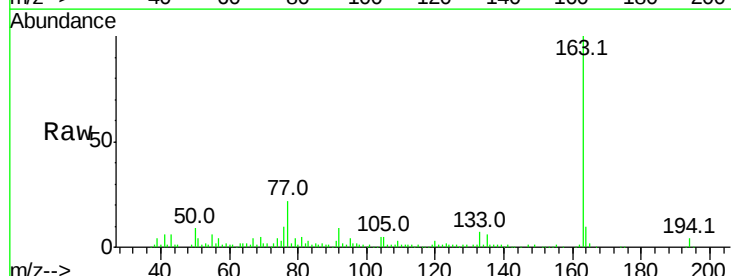


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

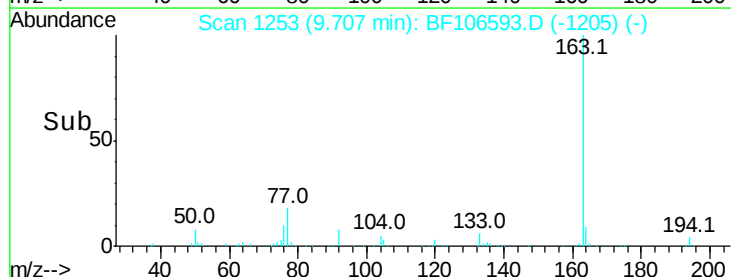
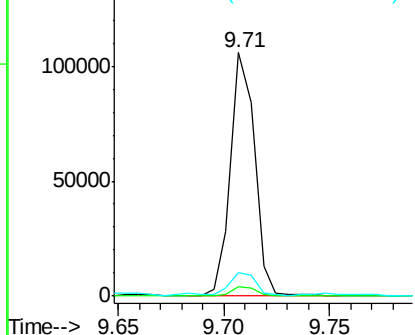


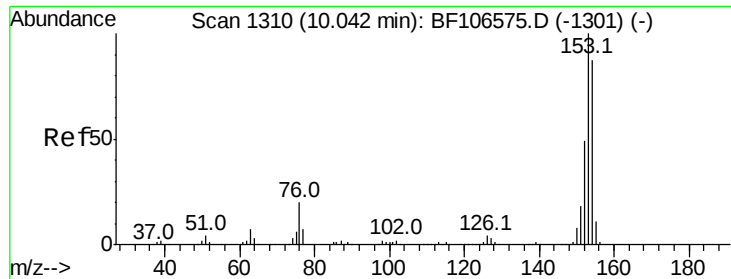
#49
Dimethylphthalate
Concen: 6.042 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

Tgt Ion:163 Resp: 83828
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 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





#51

Acenaphthene

Concen: 4.120 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

Instrument :

BNA_F

ClientSampleId :

TPTW-01

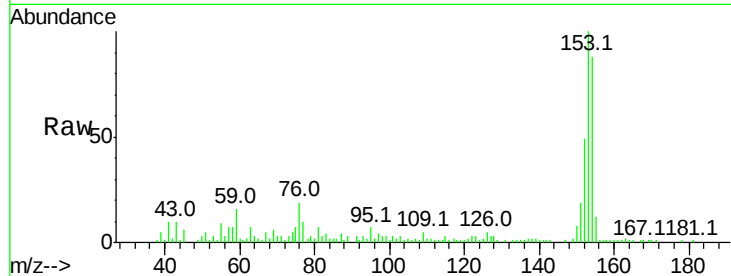
Tot Ion:154 Resp: 47528

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

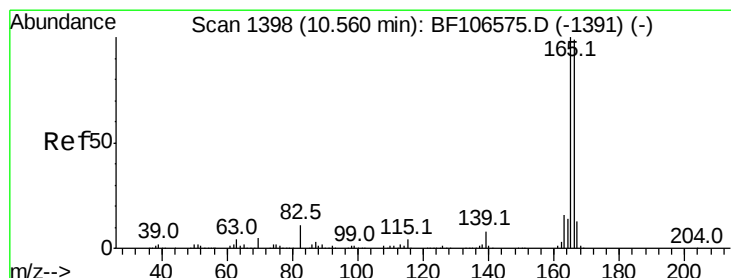
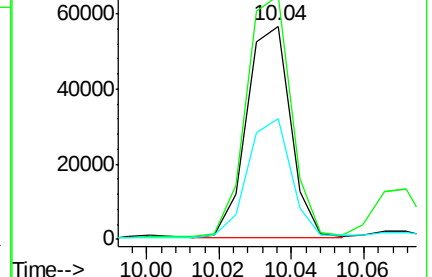
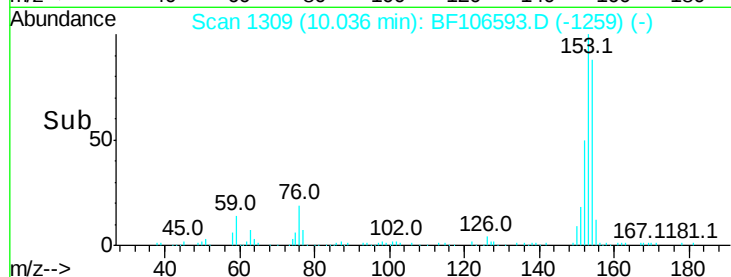
152 56.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 3.425 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

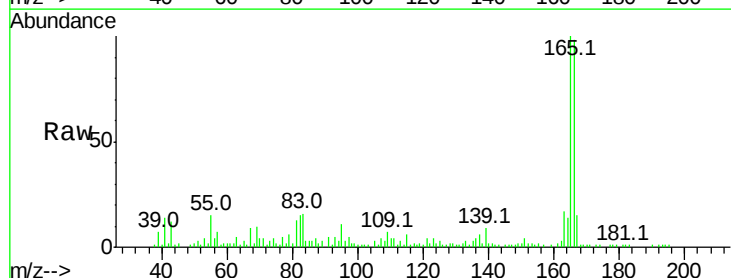
Tgt Ion:166 Resp: 42938

Ion Ratio Lower Upper

166 100

165 101.9 79.8 119.8

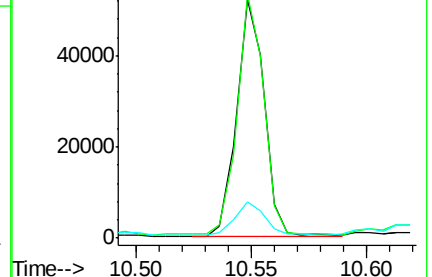
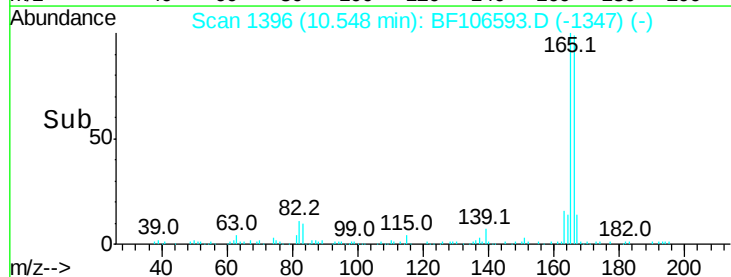
167 15.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

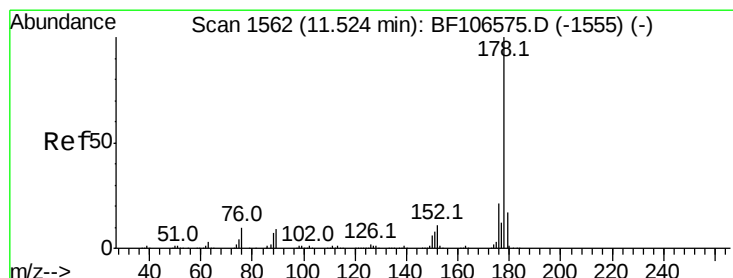
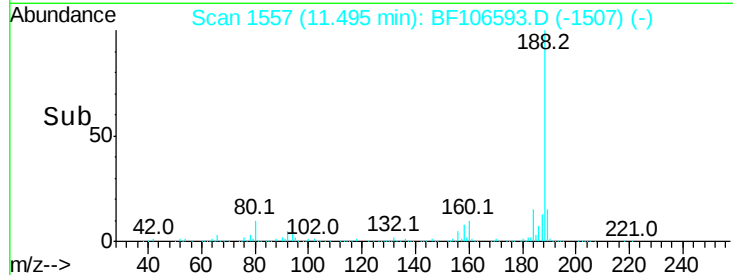
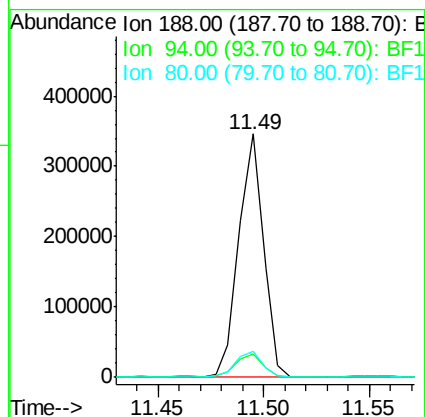
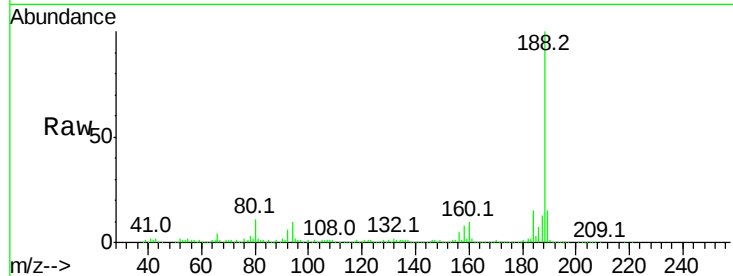




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

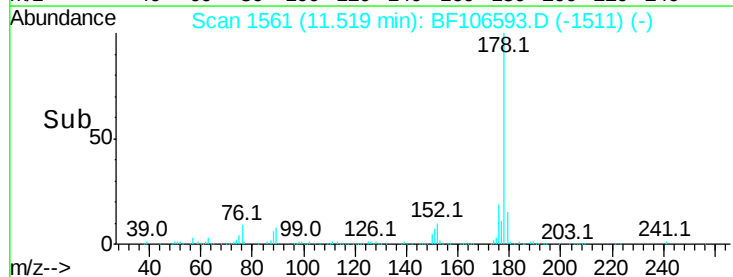
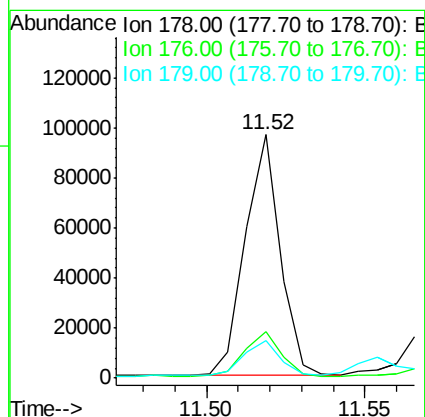
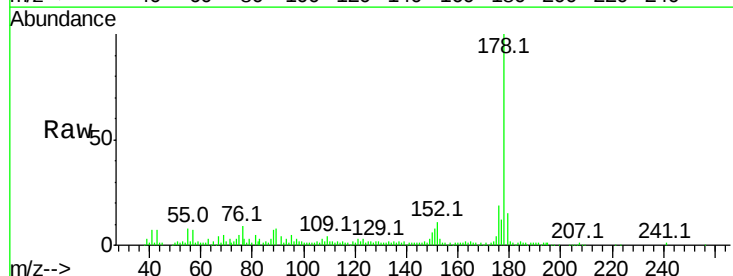
Instrument :
BNA_F
ClientSampleId :
TPTW-01

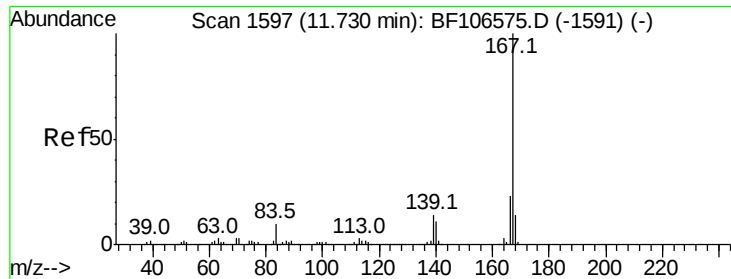
Tot Ion:188 Resp: 280974
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.5 9.2 13.8



#70
Phenanthrene
Concen: 5.438 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106593.D
Acq: 19 Jun 2018 20:16

Tgt Ion:178 Resp: 73695
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.3 13.0 19.6





#72

Carbazole

Concen: 4.727 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

Instrument :

BNA_F

ClientSampleId :

TPTW-01

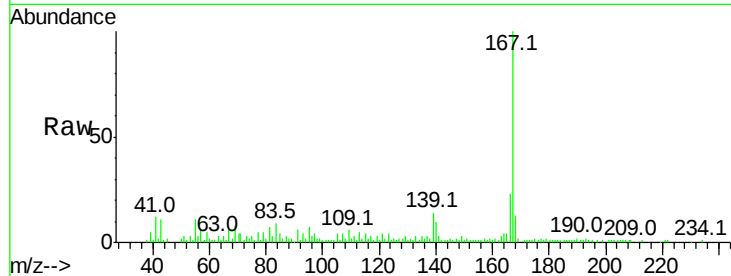
Tot Ion:167 Resp: 61220

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

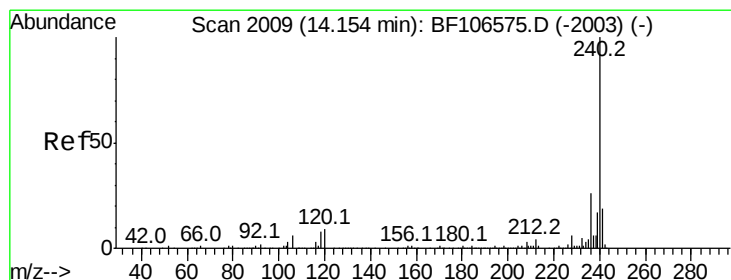
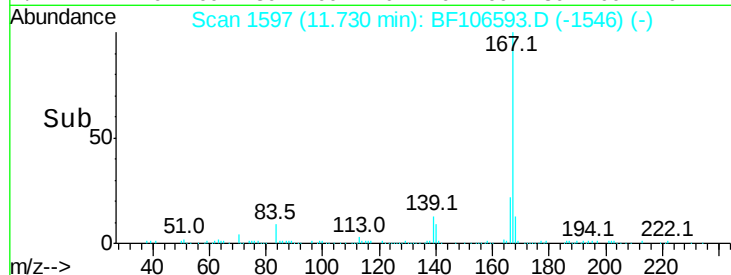
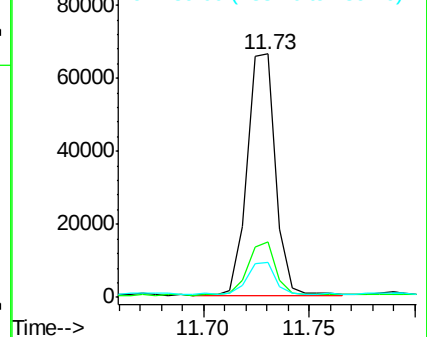
139 14.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

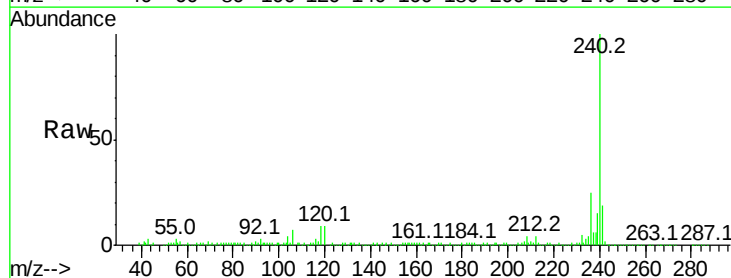
Tgt Ion:240 Resp: 272814

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

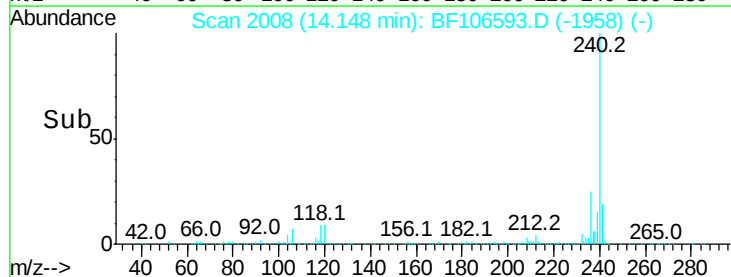
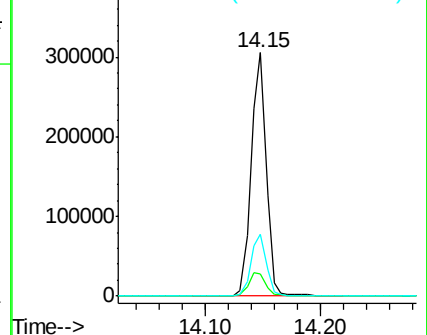
236 25.4 20.7 31.1

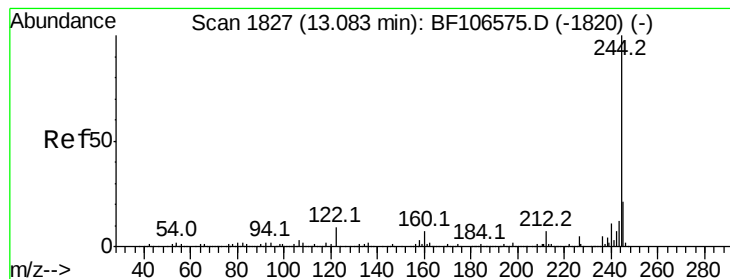


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.451 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106593.D

Acq: 19 Jun 2018 20:16

Instrument :

BNA_F

ClientSampleId :

TPTW-01

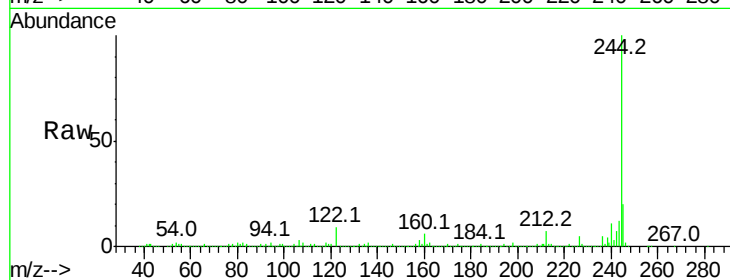
Tot Ion:244 Resp: 815983

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

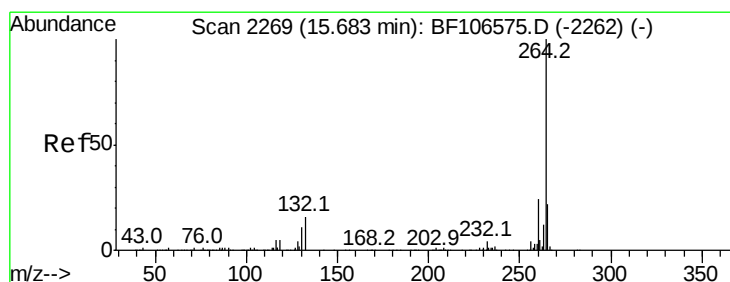
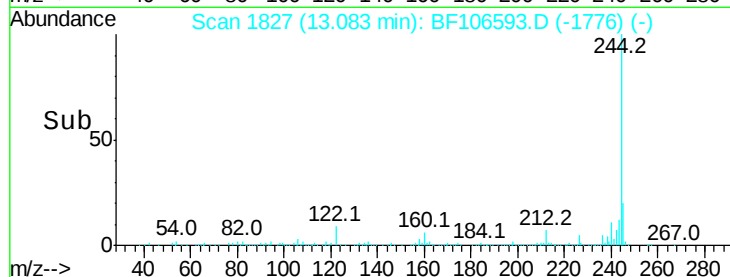
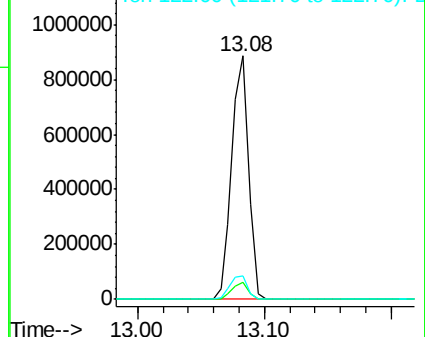
122 9.4 11.0 16.4#



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: BF106593.D

Acq: 19 Jun 2018 20:16

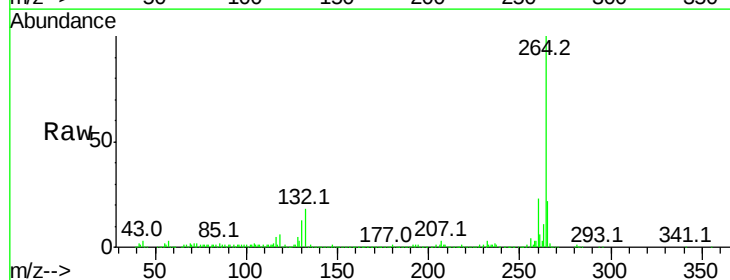
Tgt Ion:264 Resp: 320356

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 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

