

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106594.D
 Acq On : 19 Jun 2018 20:43
 Operator : JU/SJ
 Sample : J3528-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-01

Quant Time: Jun 27 09:34:42 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

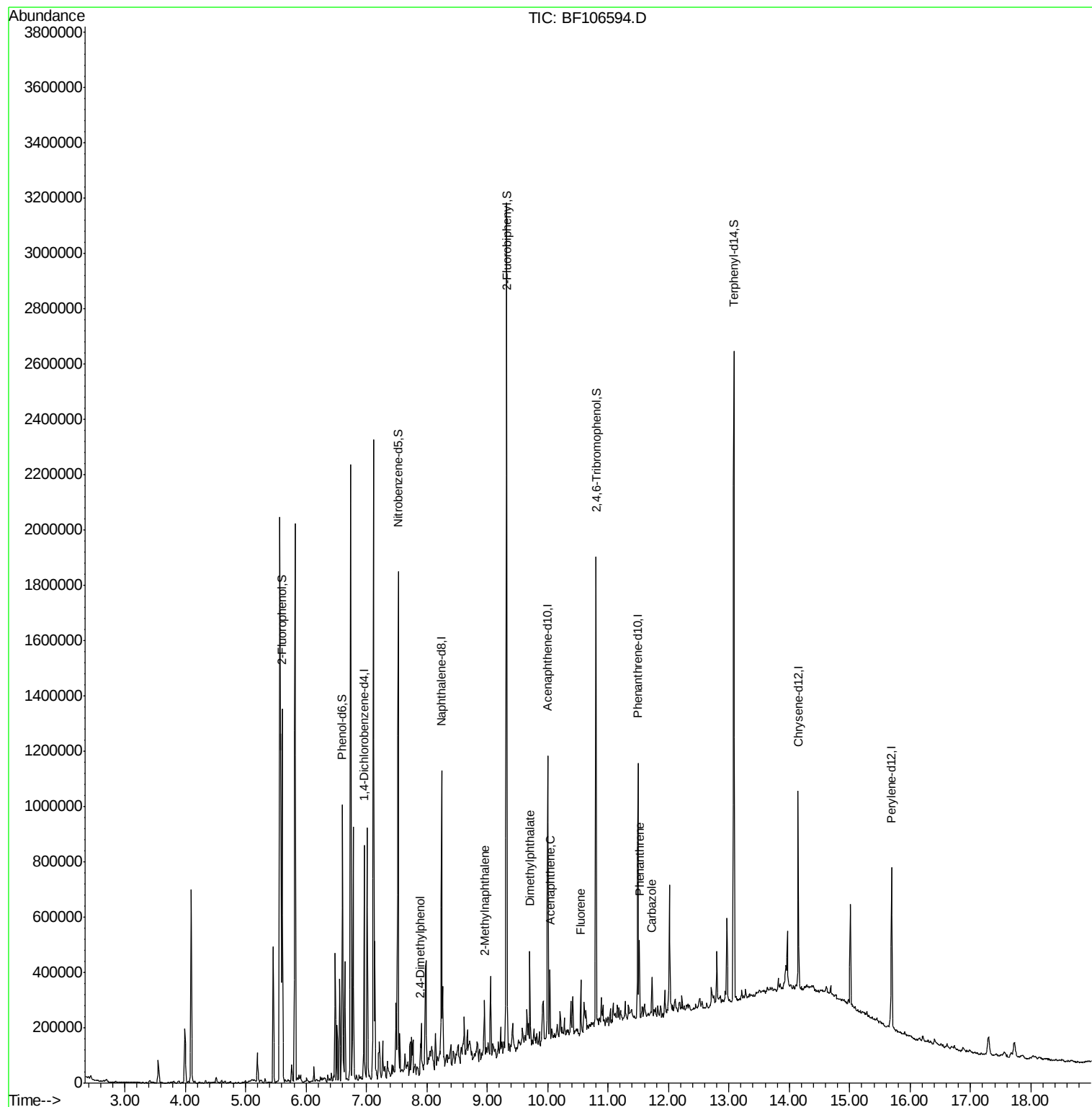
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112489	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	430084	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	191471	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	317777	20.00	ng	0.00
75) Chrysene-d12	14.15	240	256861	20.00	ng	0.00
86) Perylene-d12	15.69	264	294851	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385425	58.02	ng	0.00
7) Phenol-d6	6.60	99	305520	36.83	ng	0.00
23) Nitrobenzene-d5	7.52	82	646026	83.48	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	261708	117.93	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1067815	96.37	ng	0.00
78) Terphenyl-d14	13.08	244	856366	80.76	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.90	122	22631	3.925	ng	92
37) 2-Methylnaphthalene	8.95	142	38194	2.866	ng	98
49) Dimethylphthalate	9.71	163	137463	9.572	ng	99
51) Acenaphthene	10.04	154	51763	4.335	ng	99
57) Fluorene	10.55	166	46404	3.576	ng	97
70) Phenanthrene	11.52	178	90443	5.901	ng	97
72) Carbazole	11.73	167	59977	4.095	ng	97

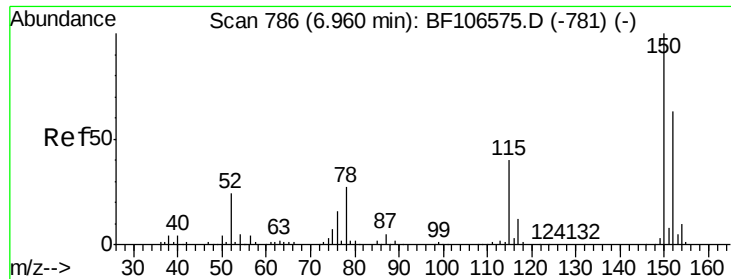
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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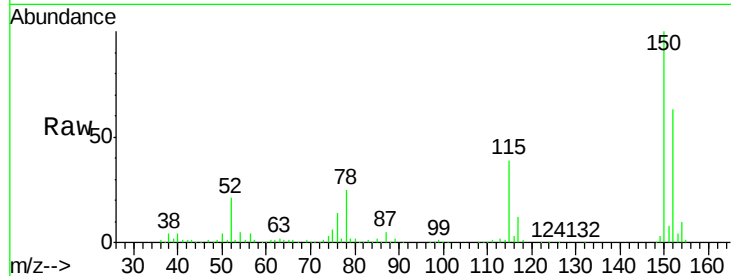


#1

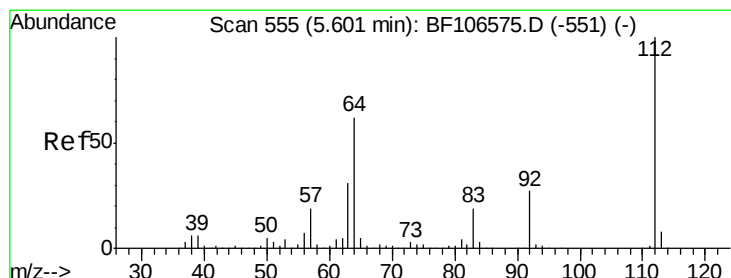
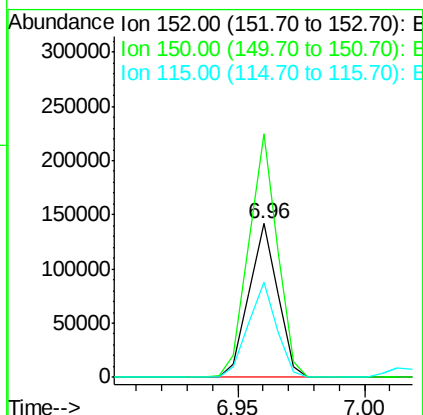
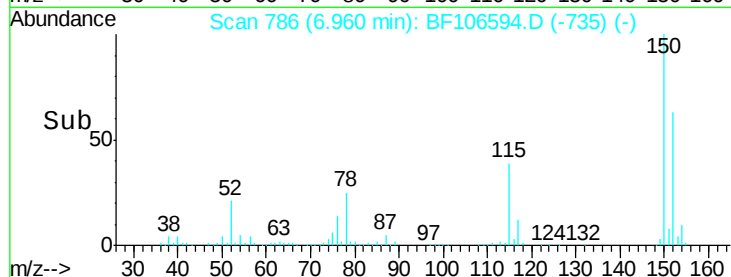
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106594.D
Acq: 19 Jun 2018 20:43

Instrument :
BNA_F
ClientSampleId :
TPTW-01

Tgt Ion:152 Resp: 112489
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 62.2 50.1 75.1



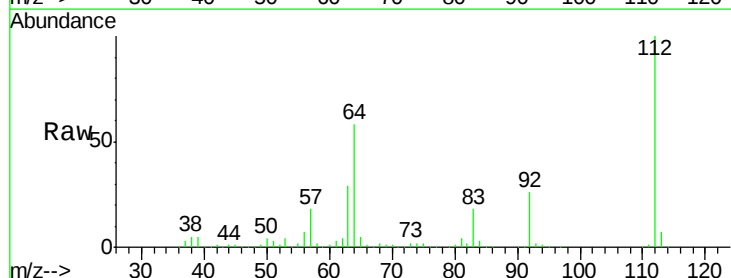
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



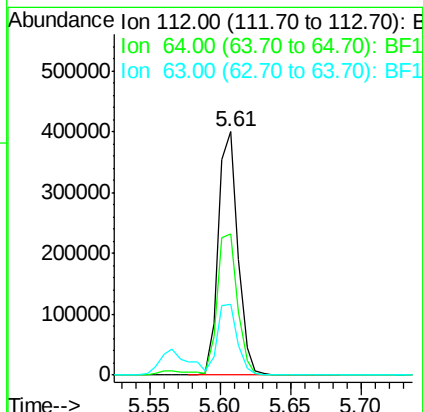
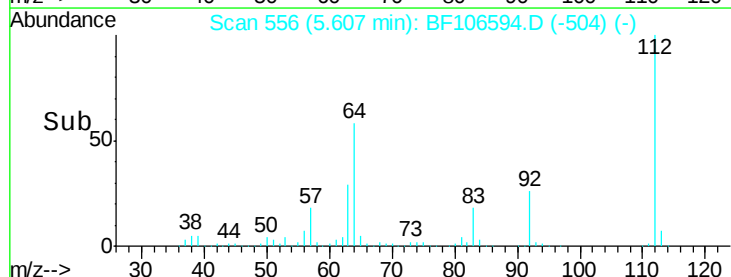
#5

2-Fluorophenol
Concen: 58.019 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106594.D
Acq: 19 Jun 2018 20:43

Tgt Ion:112 Resp: 385425
Ion Ratio Lower Upper
112 100
64 57.9 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: 36.828 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

Instrument :

BNA_F

ClientSampleId :

TPTW-01

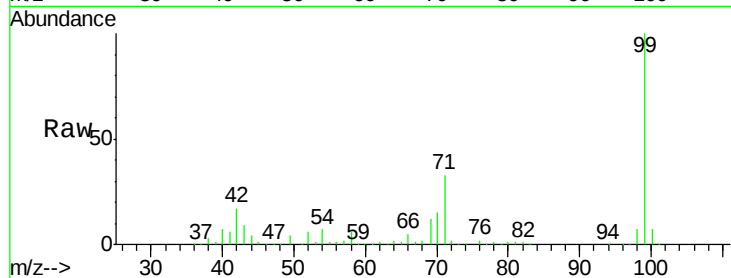
Tgt Ion: 99 Resp: 305520

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

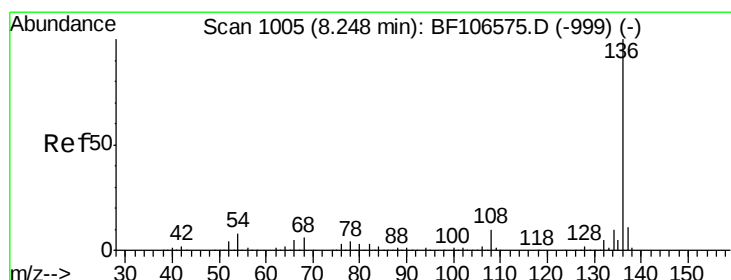
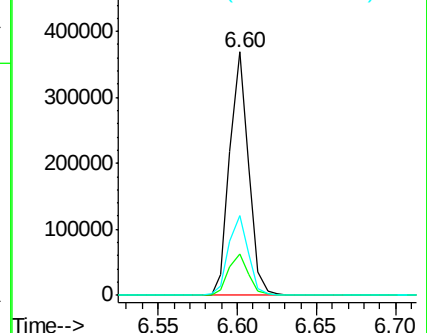
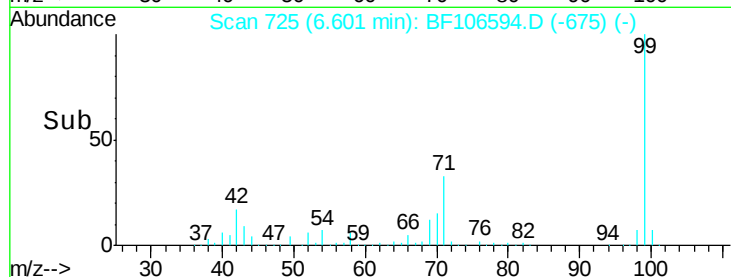
71 32.9 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

Tgt Ion: 136 Resp: 430084

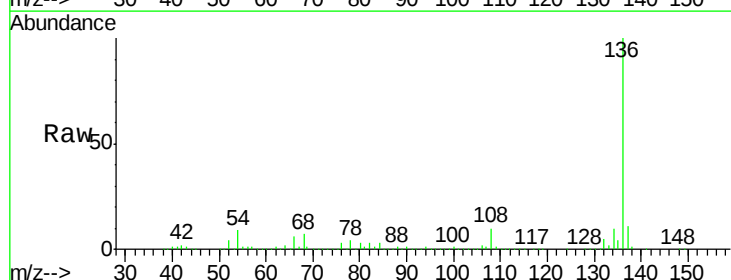
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 6.9 5.0 7.4

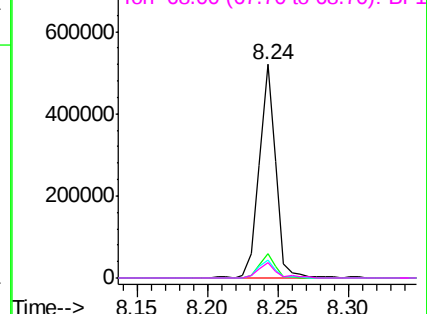
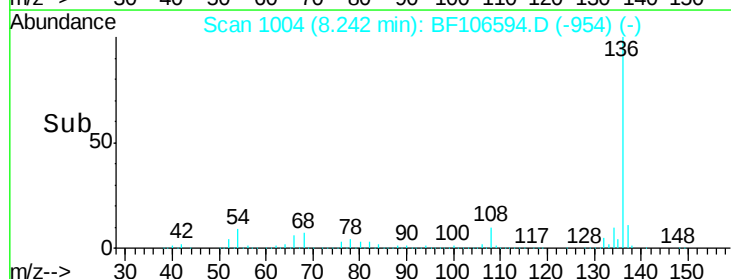


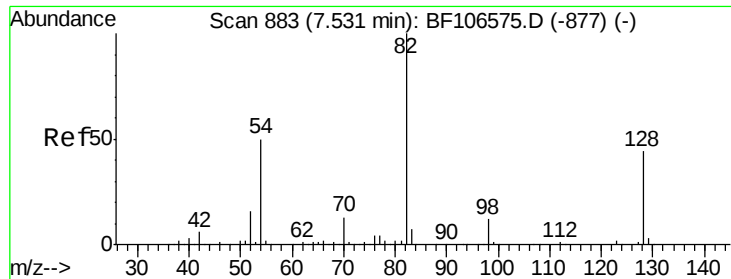
Abundance Ion 136.00 (135.70 to 136.70): E

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

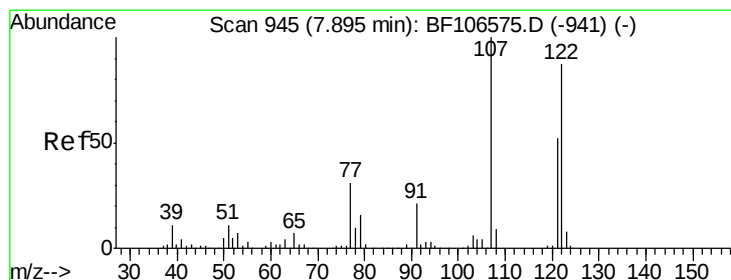
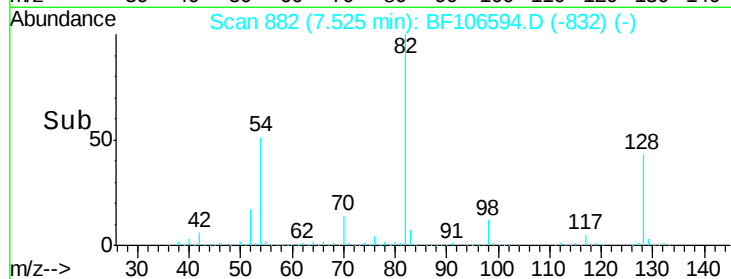
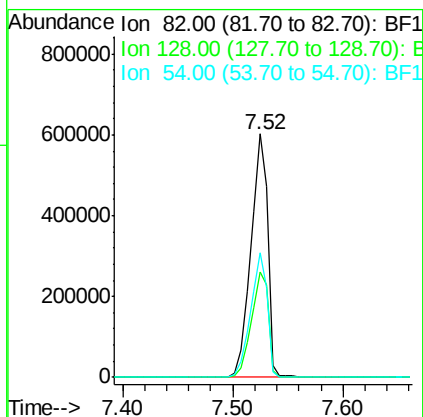
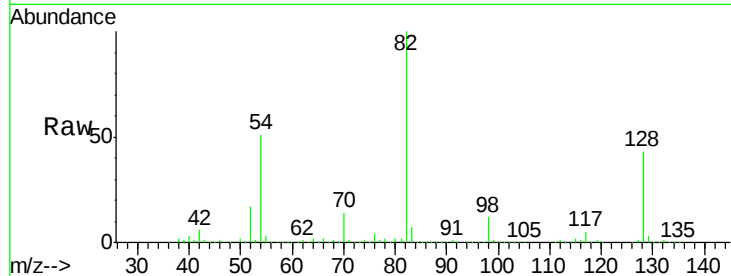




#23
 Nitrobenzene-d5
 Concen: 83.477 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106594.D
 Acq: 19 Jun 2018 20:43

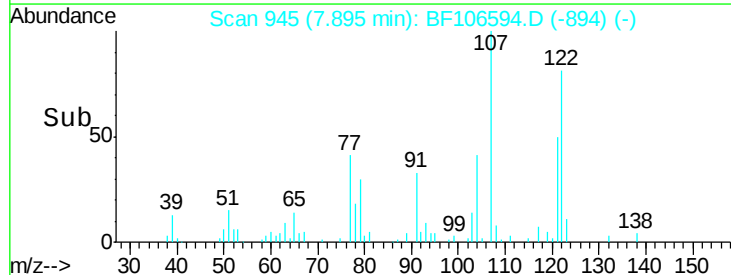
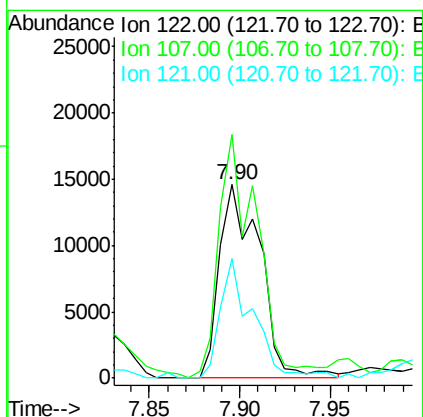
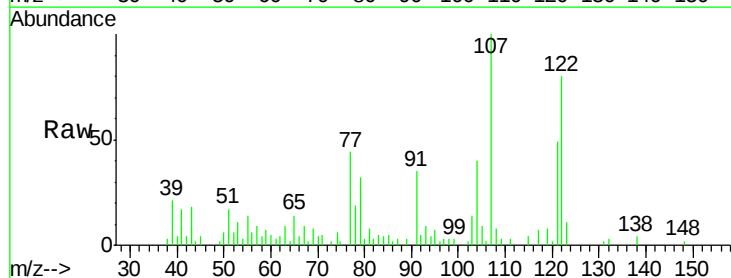
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-01

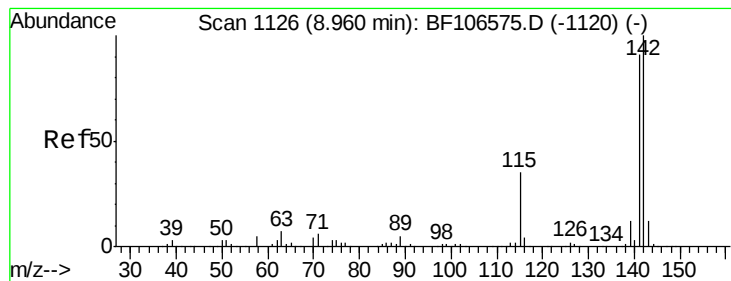
Tgt Ion: 82 Resp: 646026
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 50.9 41.4 62.2



#27
 2,4-Dimethylphenol
 Concen: 3.925 ng
 RT: 7.90 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF106594.D
 Acq: 19 Jun 2018 20:43

Tgt Ion: 122 Resp: 22631
 Ion Ratio Lower Upper
 122 100
 107 125.8 91.2 136.8
 121 61.7 47.2 70.8





#37

2-Methylnaphthalene

Concen: 2.866 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

Instrument :

BNA_F

ClientSampleId :

TPTW-01

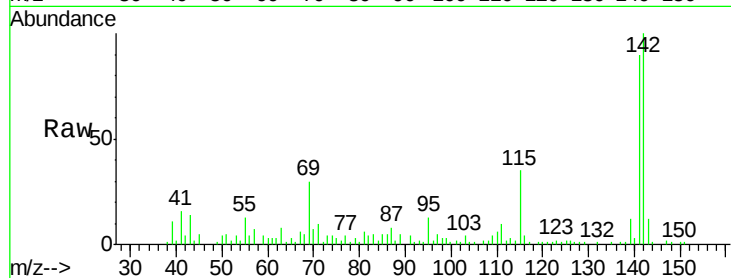
Tgt Ion:142 Resp: 38194

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2

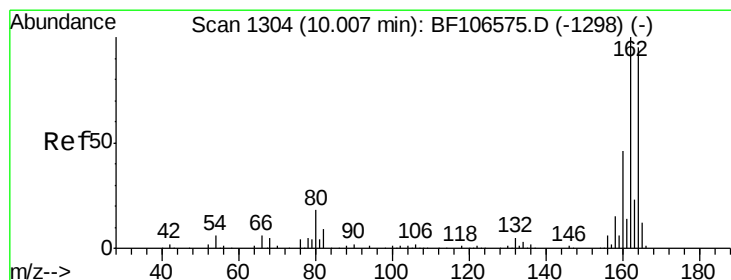
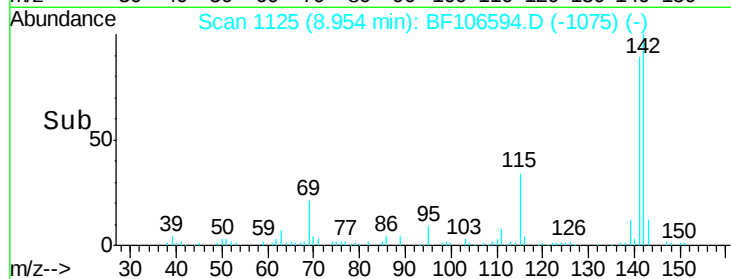
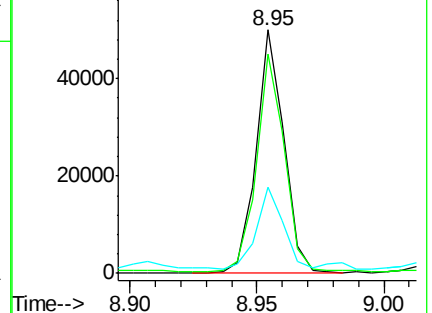
115 35.3 26.1 39.1



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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

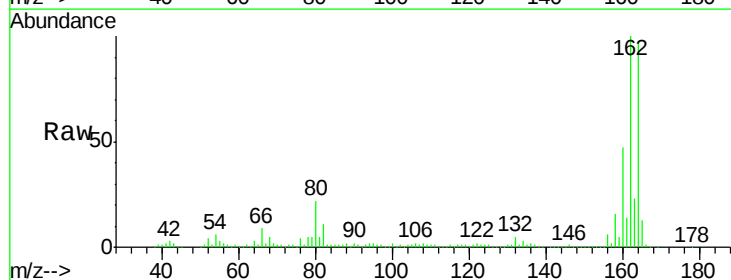
Tgt Ion:164 Resp: 191471

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

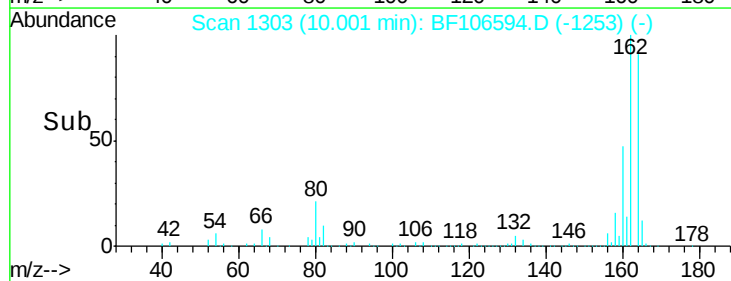
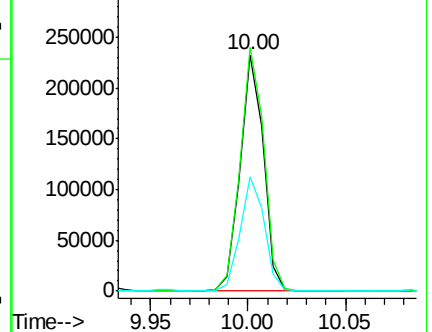
160 48.4 38.3 57.5



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

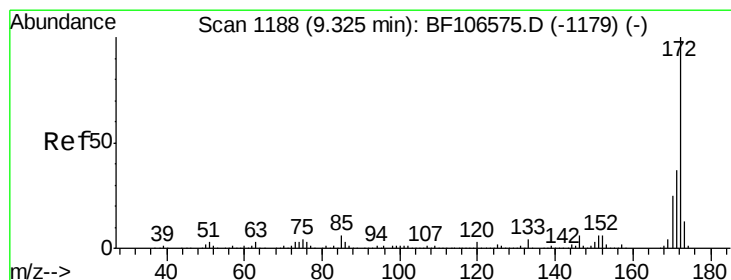
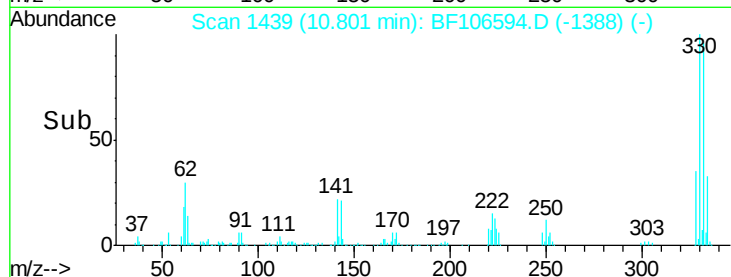
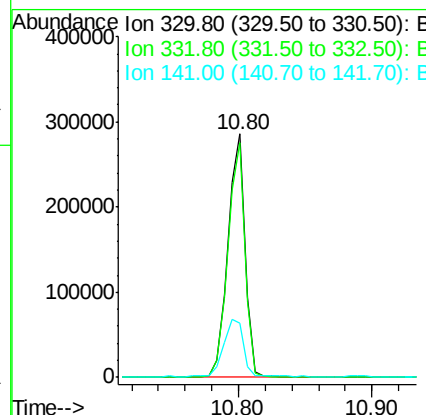
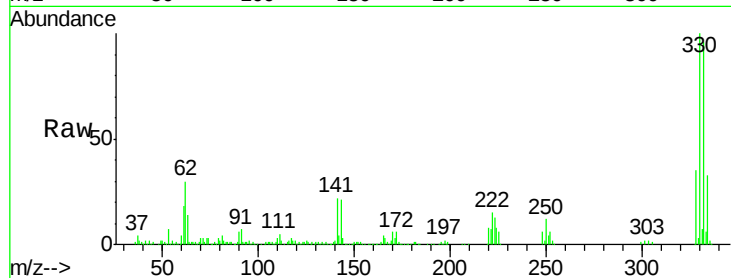




#41
 2,4,6-Tribromophenol
 Concen: 117.929 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106594.D
 Acq: 19 Jun 2018 20:43

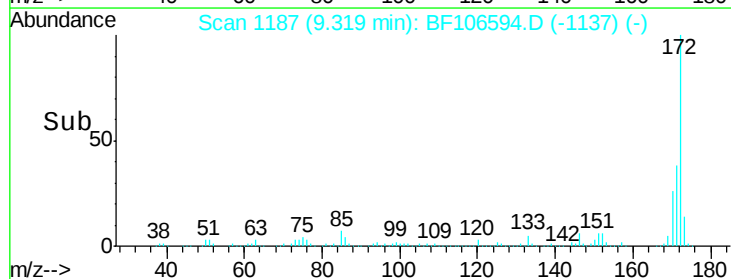
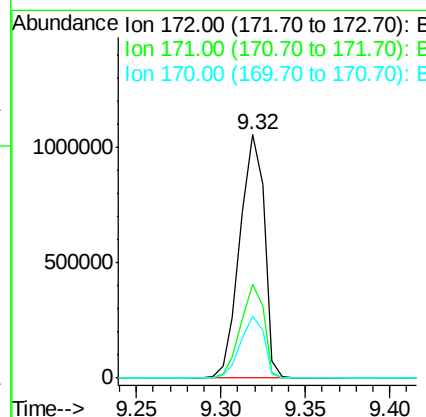
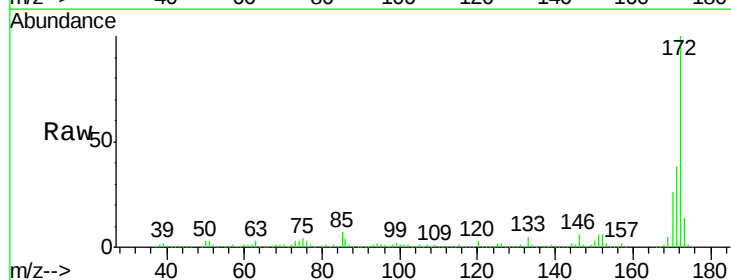
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	26.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 96.369 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106594.D
 Acq: 19 Jun 2018 20:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.6	19.6	29.4

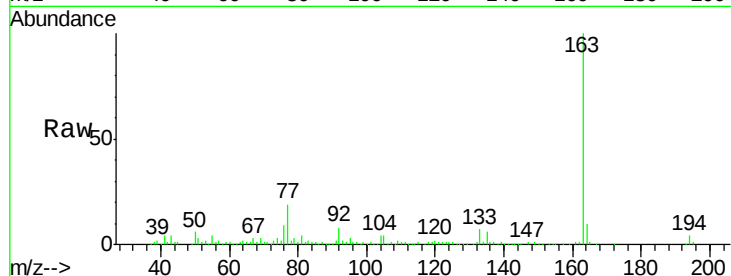




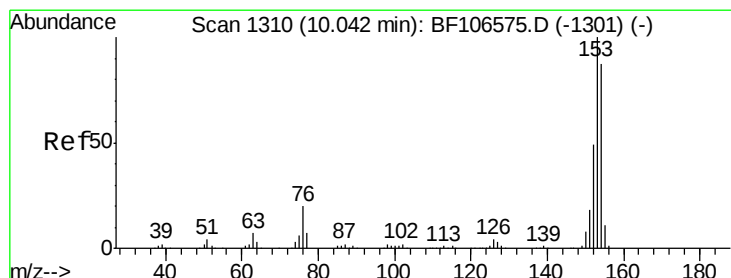
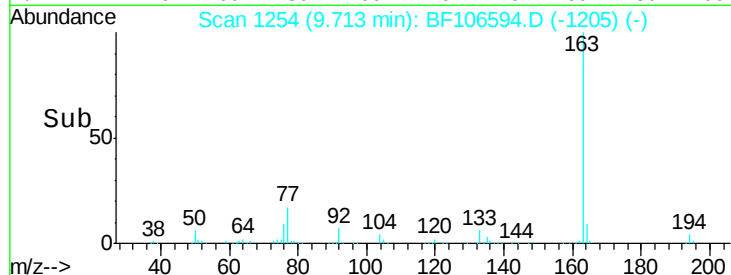
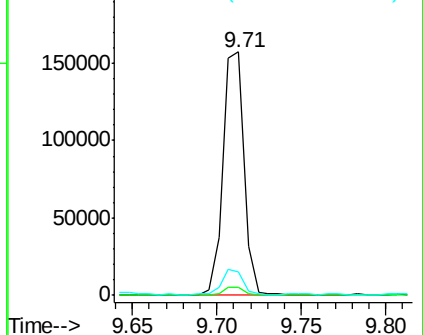
#49
Dimethylphthalate
Concen: 9.572 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106594.D
Acq: 19 Jun 2018 20:43

Instrument :
BNA_F
ClientSampleId :
TPTW-01

Tgt Ion:163 Resp: 137463
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2

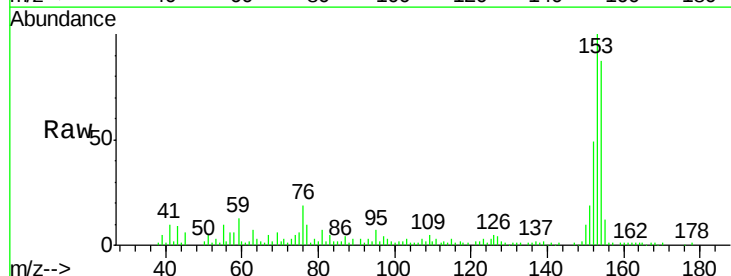


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

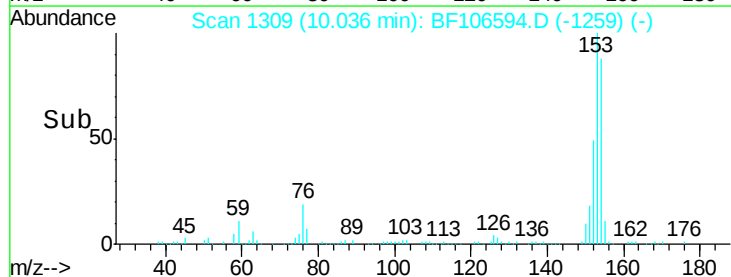
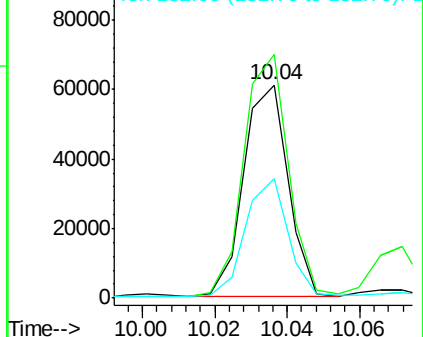


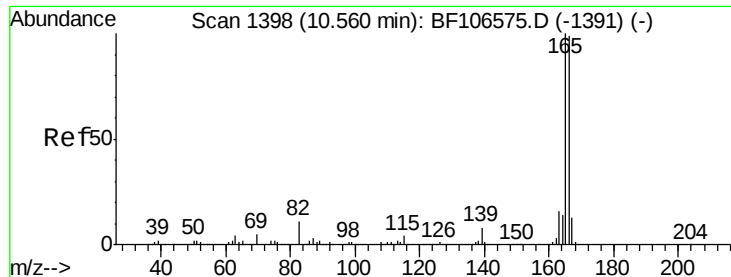
#51
Acenaphthene
Concen: 4.335 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106594.D
Acq: 19 Jun 2018 20:43

Tgt Ion:154 Resp: 51763
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 56.0 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: 3.576 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

Instrument :

BNA_F

ClientSampleId :

TPTW-01

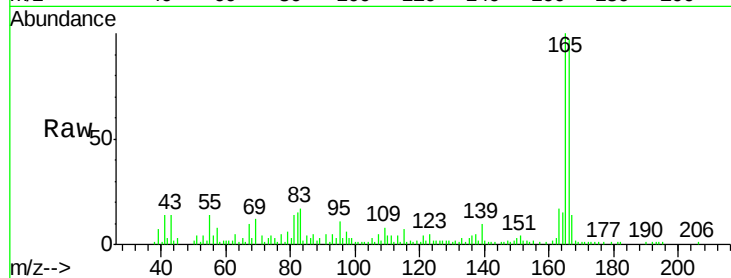
Tgt Ion:166 Resp: 46404

Ion Ratio Lower Upper

166 100

165 102.9 79.8 119.8

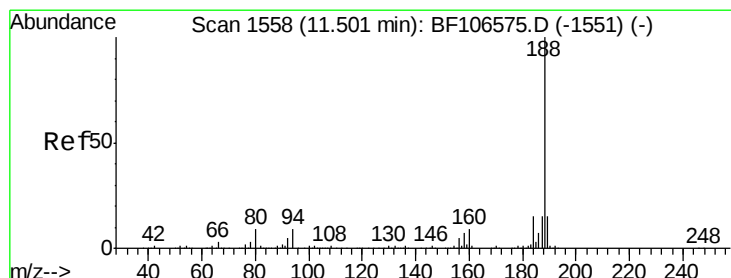
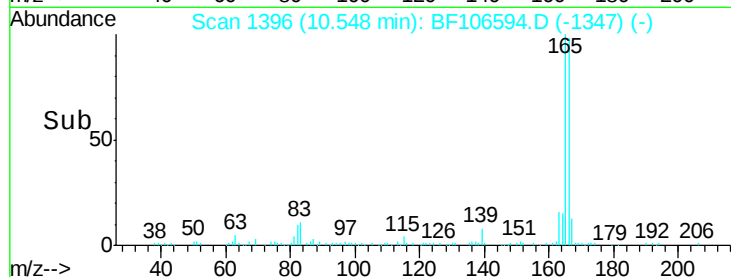
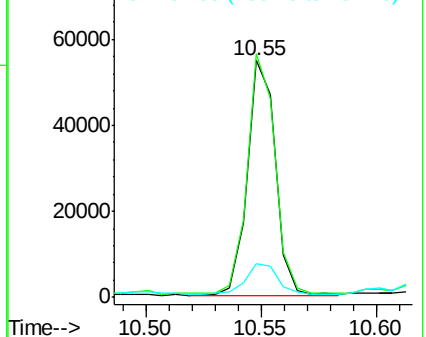
167 14.3 10.6 16.0



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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

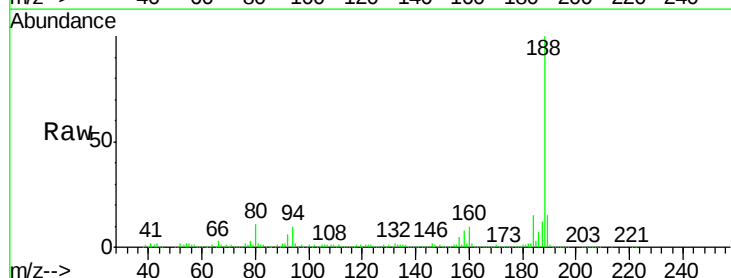
Tgt Ion:188 Resp: 317777

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

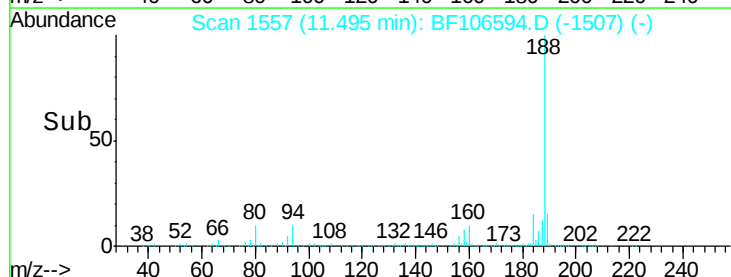
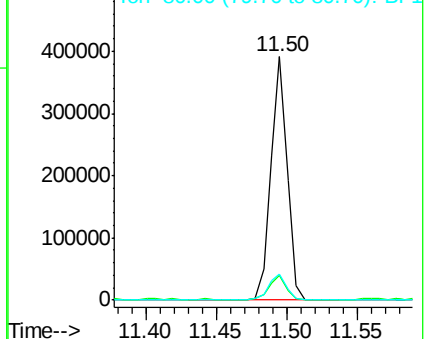
80 10.9 9.2 13.8

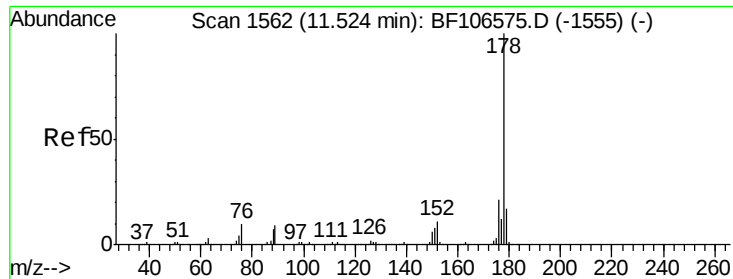


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 5.901 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

Instrument :

BNA_F

ClientSampleId :

TPTW-01

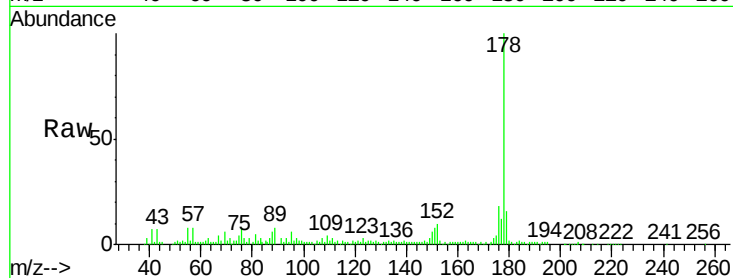
Tgt Ion:178 Resp: 90443

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

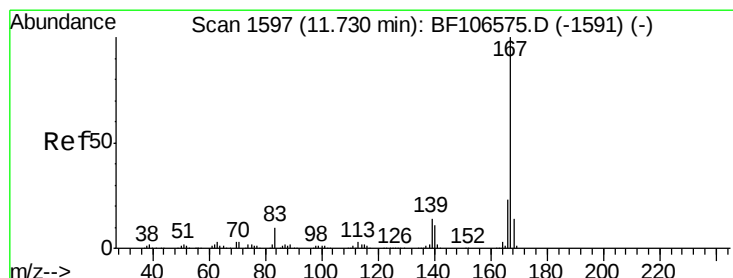
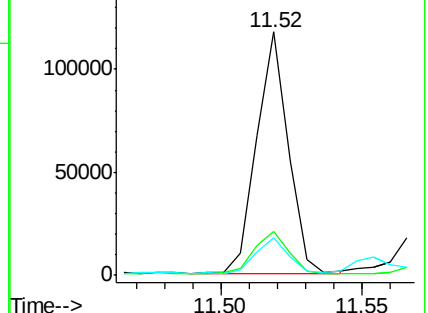
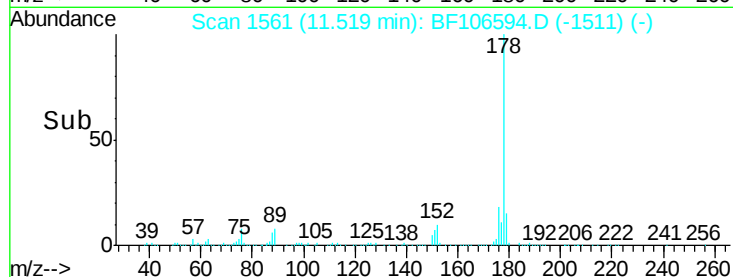
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 4.095 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

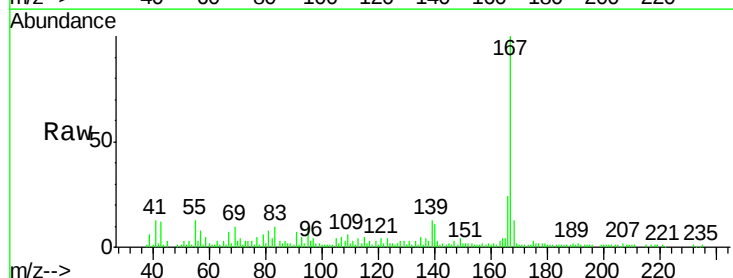
Tgt Ion:167 Resp: 59977

Ion Ratio Lower Upper

167 100

166 23.7 17.6 26.4

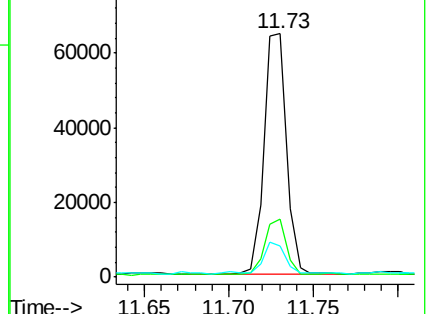
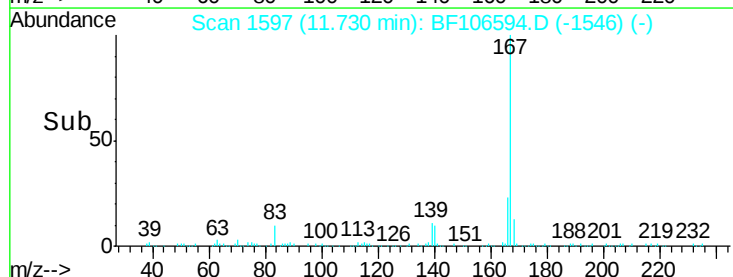
139 12.9 10.9 16.3

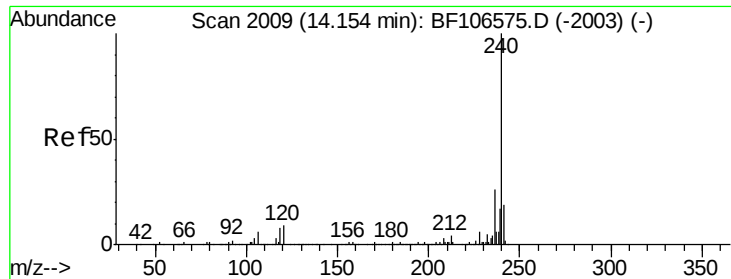


Abundance Ion 167.00 (166.70 to 167.70): E

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: BF106594.D

Acq: 19 Jun 2018 20:43

Instrument :

BNA_F

ClientSampleId :

TPTW-01

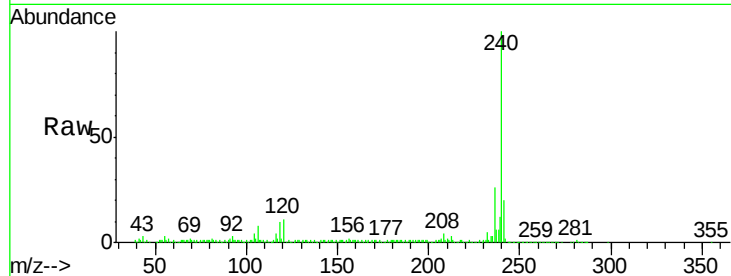
Tgt Ion:240 Resp: 256861

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

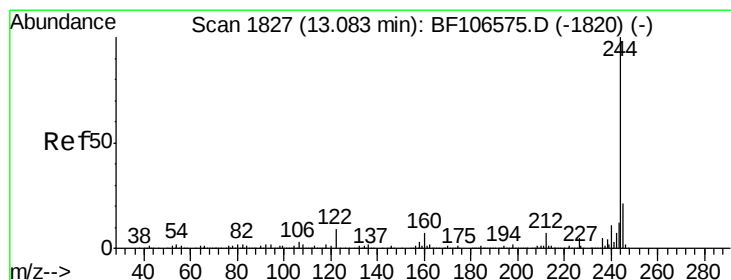
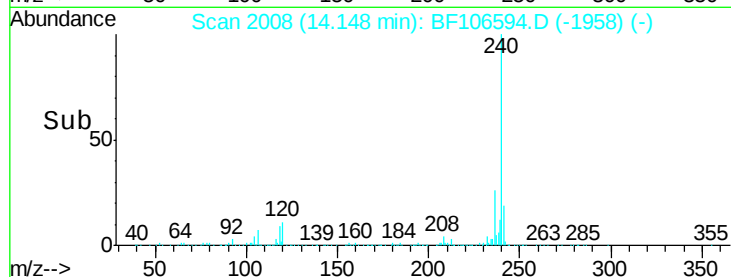
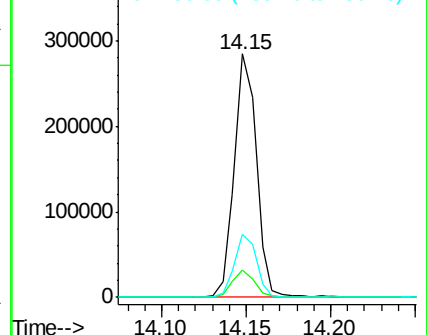
236 25.8 20.7 31.1



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: 80.759 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106594.D

Acq: 19 Jun 2018 20:43

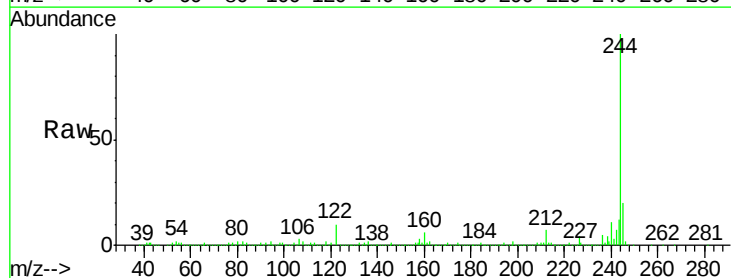
Tgt Ion:244 Resp: 856366

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

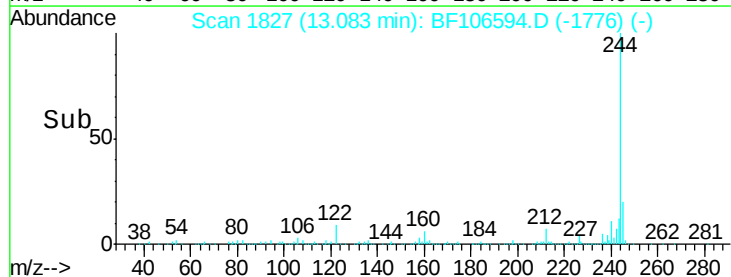
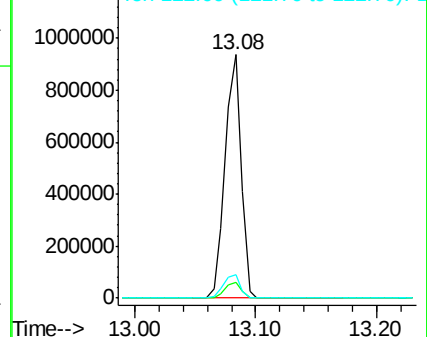
122 9.6 11.0 16.4#

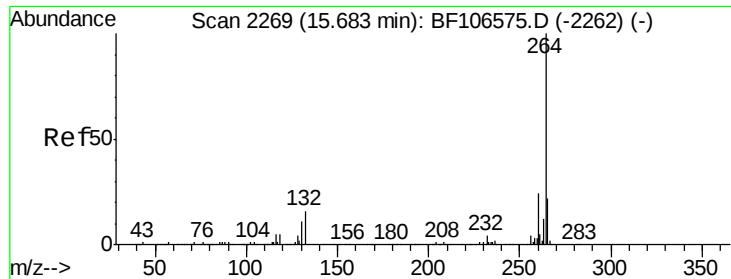


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2271
Delta R.T. 0.01 min
Lab File: BF106594.D
Acq: 19 Jun 2018 20:43

Instrument :
BNA_F
ClientSampleId :
TPTW-01

Tgt Ion: 264 Resp: 294851
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.4 17.5 26.3

