

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106985.D
 Acq On : 29 Jun 2018 20:40
 Operator : JU/SJ
 Sample : J3692-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Quant Time: Jun 30 00:22:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

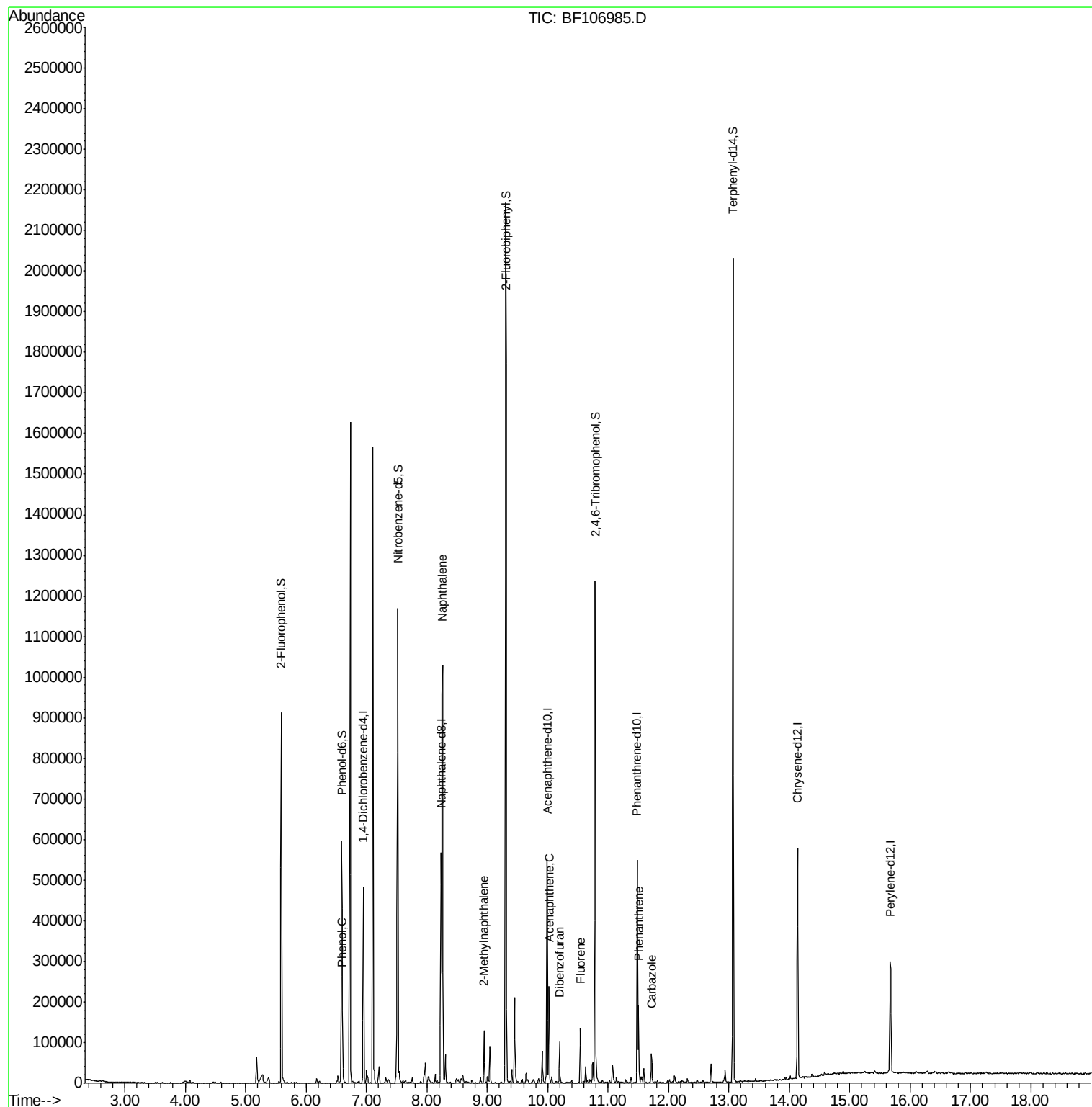
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73603	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	266852	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	119964	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	200042	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	195415	20.00	ng	-0.03
86) Perylene-d12	15.67	264	145165	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	255947	58.88	ng	-0.01
7) Phenol-d6	6.59	99	196338	36.17	ng	-0.02
23) Nitrobenzene-d5	7.52	82	418532	87.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	183637	132.07	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	738421	108.22	ng	-0.02
78) Terphenyl-d14	13.07	244	735160	91.13	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.61	94	17360	2.802	ng	97
31) Naphthalene	8.26	128	463494	37.150	ng	99
37) 2-Methylnaphthalene	8.95	142	34768	4.204	ng	93
51) Acenaphthene	10.02	154	46825	6.259	ng	95
54) Dibenzofuran	10.20	168	41234	4.025	ng	95
57) Fluorene	10.54	166	37307	4.589	ng	99
70) Phenanthrene	11.51	178	68190	7.067	ng	97
72) Carbazole	11.72	167	29044	3.150	ng	98

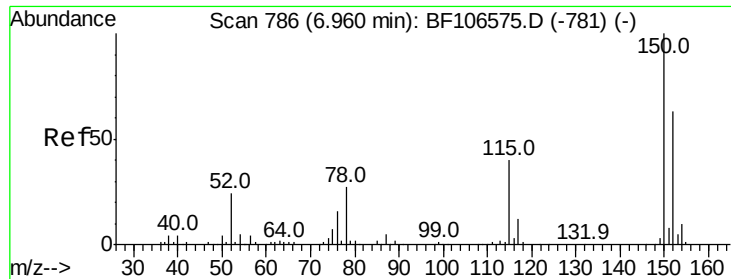
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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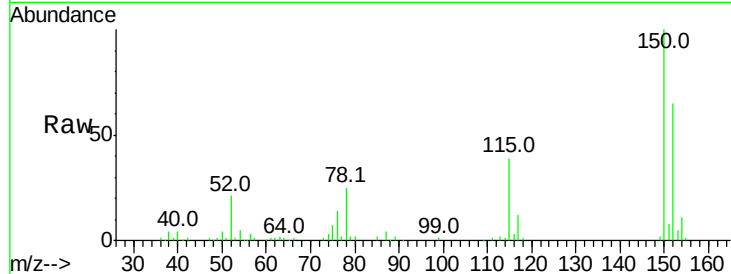


#1

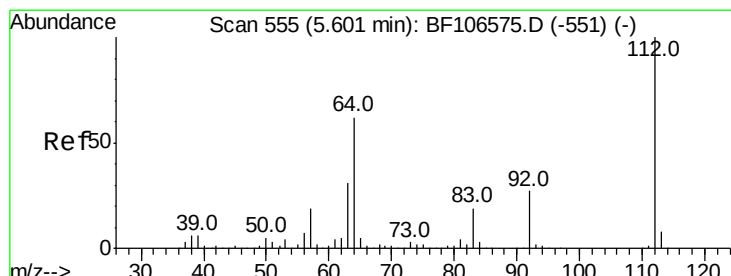
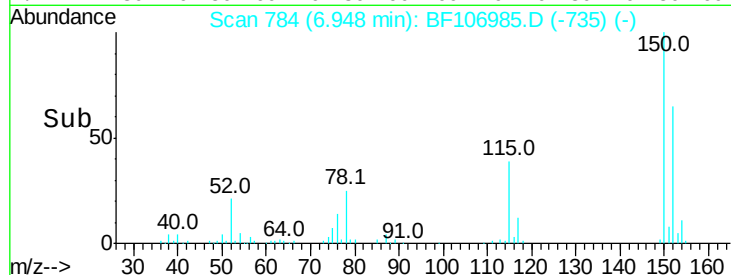
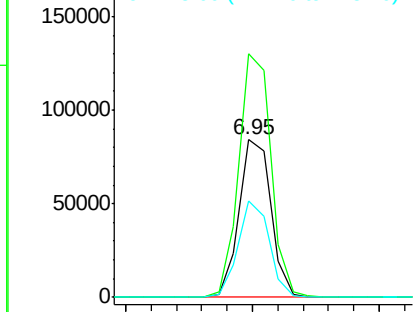
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tot Ion:152 Resp: 73603
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.0 50.1 75.1



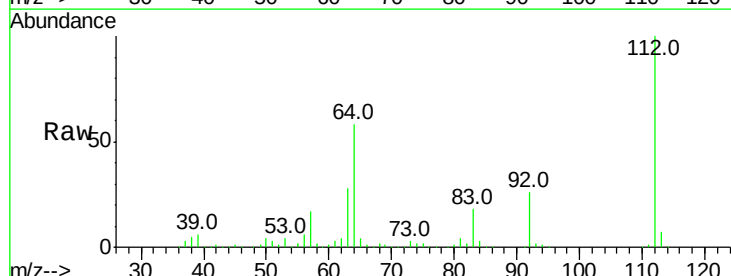
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



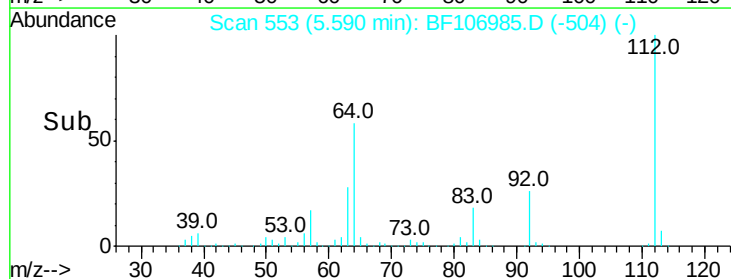
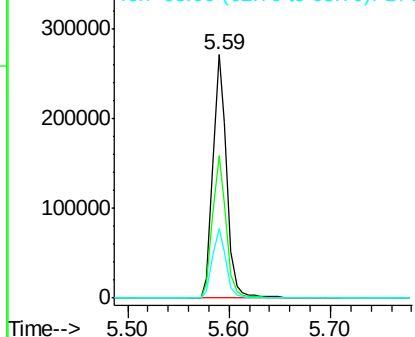
#5

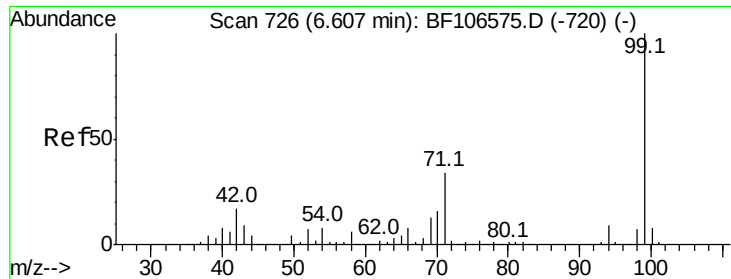
2-Fluorophenol
Concen: 58.883 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:112 Resp: 255947
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 28.5 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: 36.170 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

Instrument :

BNA_F

ClientSampleId :

WC-02

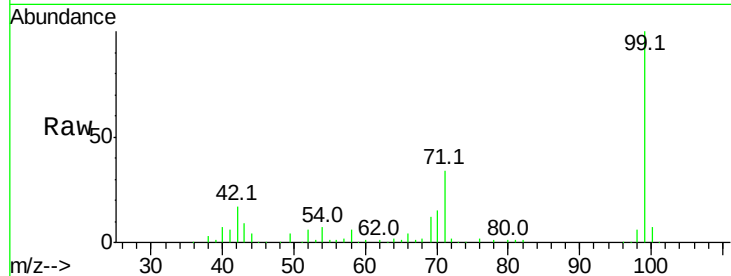
Tot Ion: 99 Resp: 196338

Ion Ratio Lower Upper

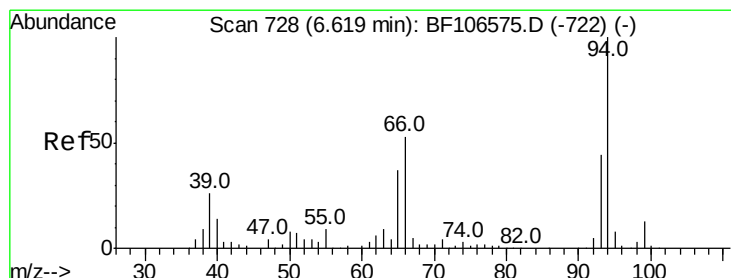
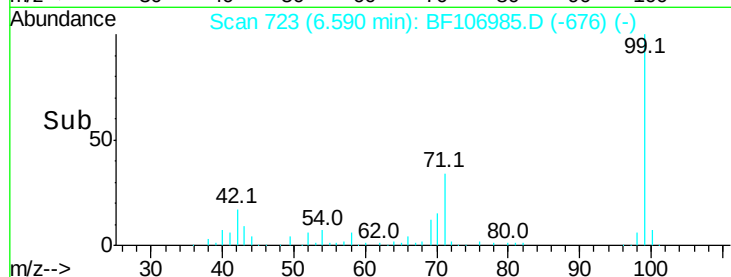
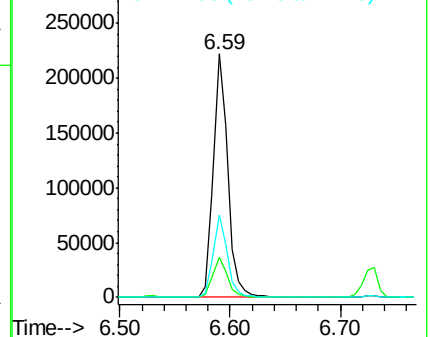
99 100

42 16.6 14.5 21.7

71 33.6 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: 2.802 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

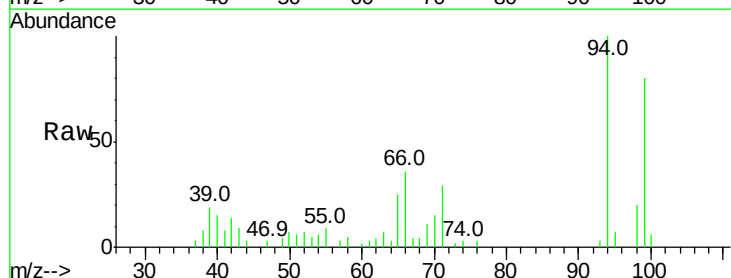
Tgt Ion: 94 Resp: 17360

Ion Ratio Lower Upper

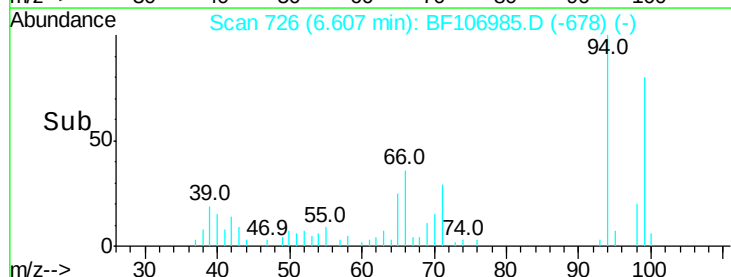
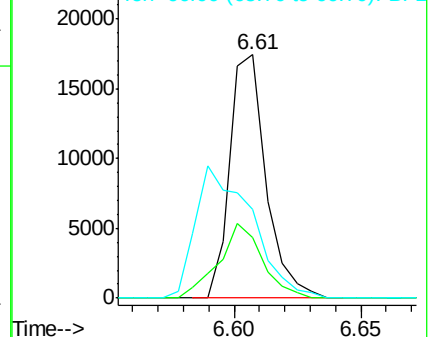
94 100

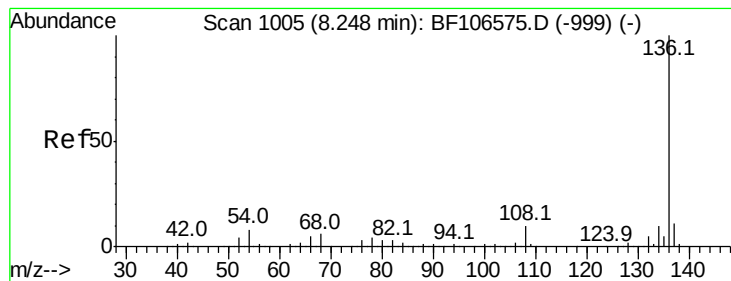
65 24.9 7.9 47.9

66 36.5 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# 1003

Delta R.T. -0.01 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

Instrument :

BNA_F

ClientSampleId :

WC-02

Tot Ion:136 Resp: 266852

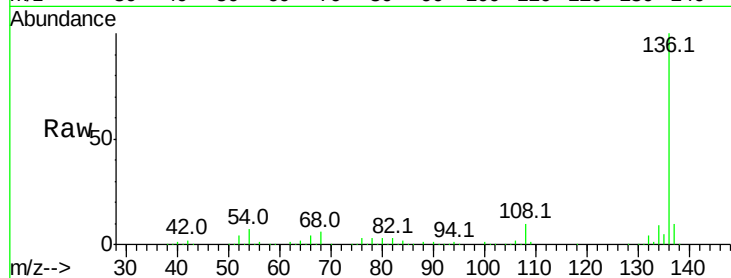
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

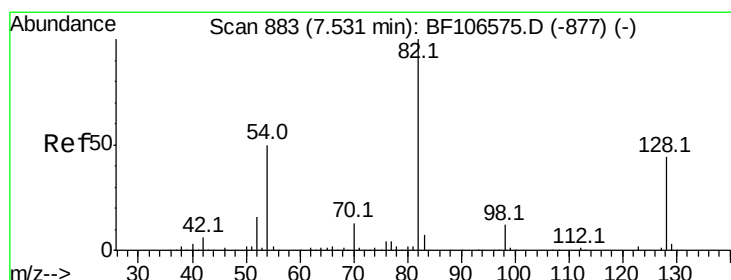
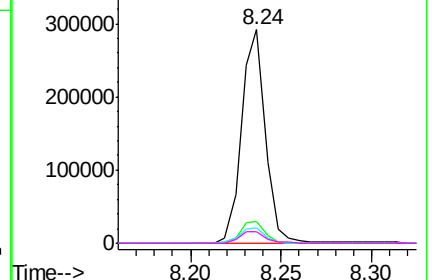
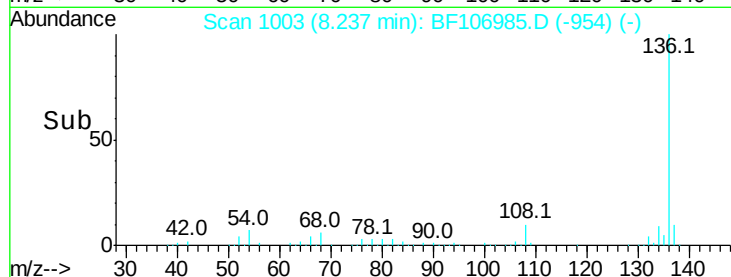


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.162 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

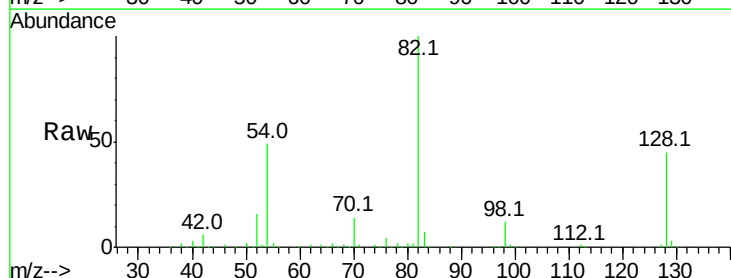
Tgt Ion: 82 Resp: 418532

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

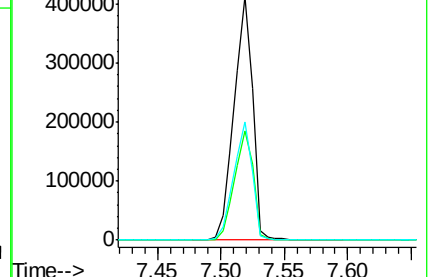
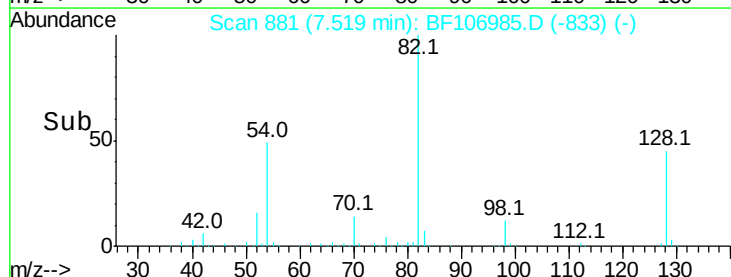
54 48.5 41.4 62.2

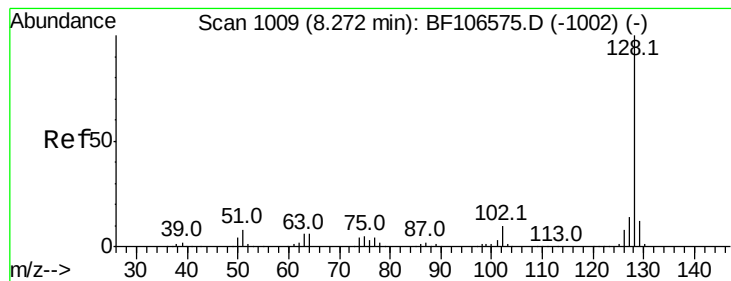


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 37.150 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

Instrument :

BNA_F

ClientSampleId :

WC-02

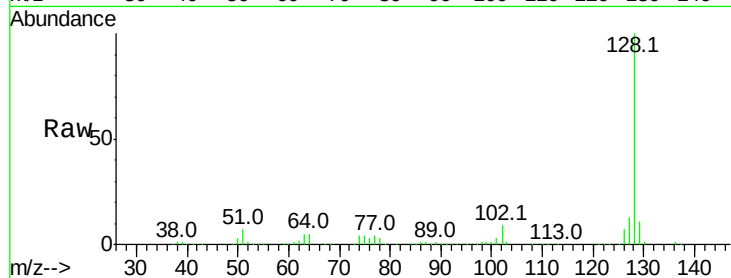
Tot Ion:128 Resp: 463494

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

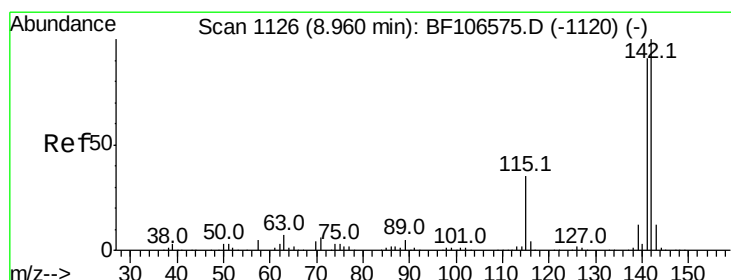
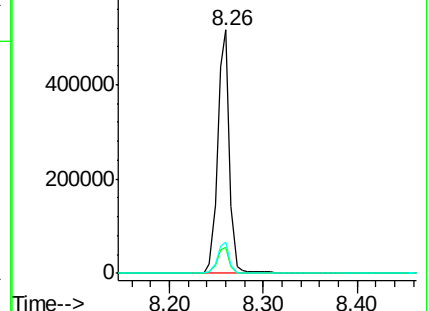
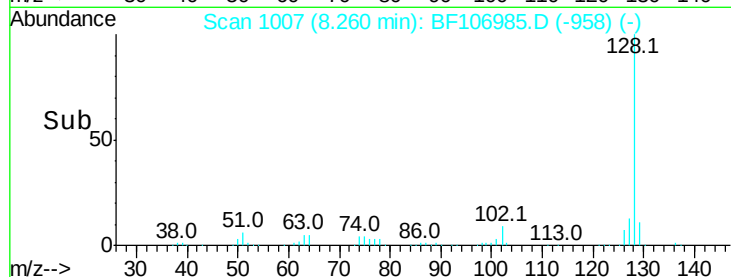
127 12.9 10.9 16.3



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: 4.204 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

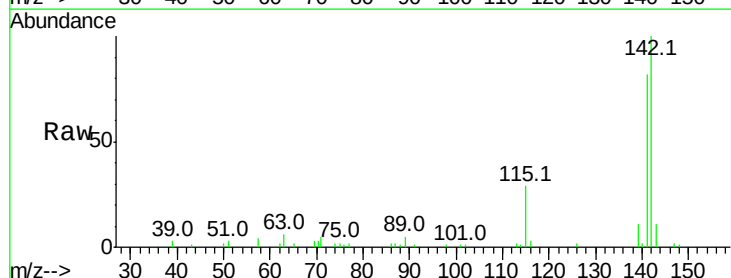
Tgt Ion:142 Resp: 34768

Ion Ratio Lower Upper

142 100

141 81.9 70.8 106.2

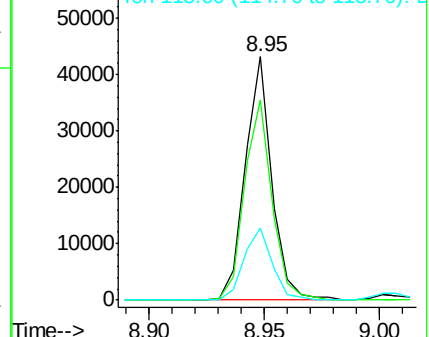
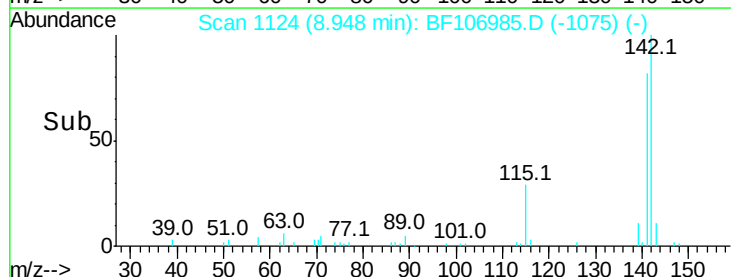
115 29.4 26.1 39.1

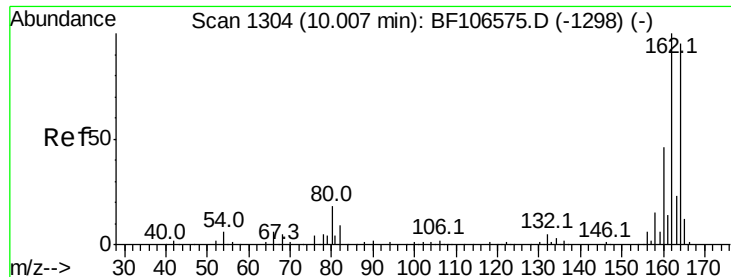


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

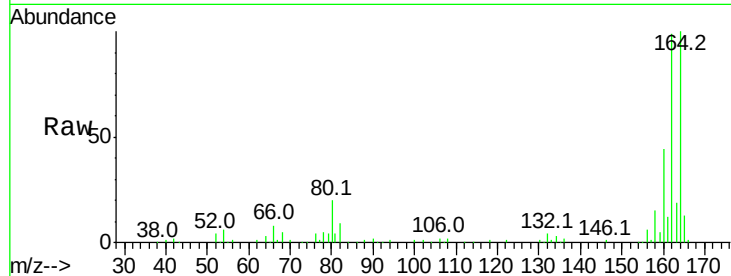




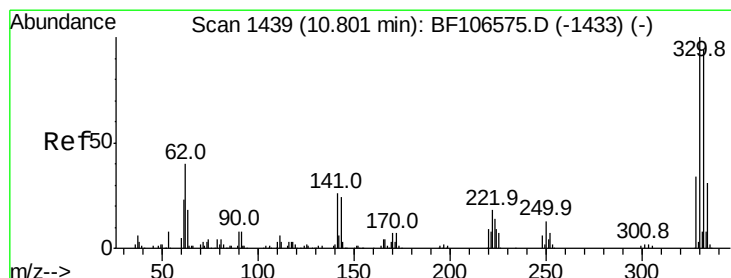
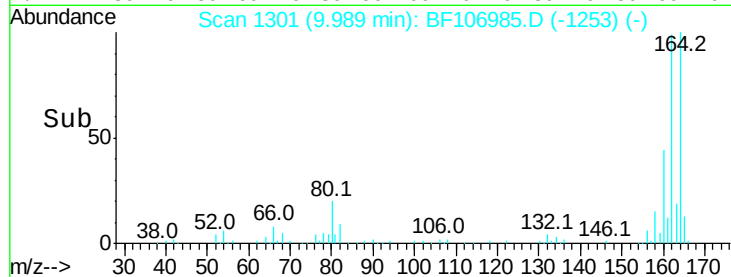
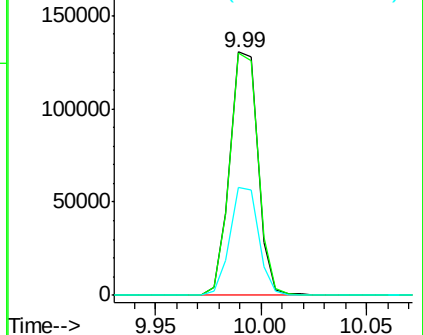
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tot Ion:164 Resp: 119964
Ion Ratio Lower Upper
164 100
162 99.4 86.1 129.1
160 44.4 38.3 57.5

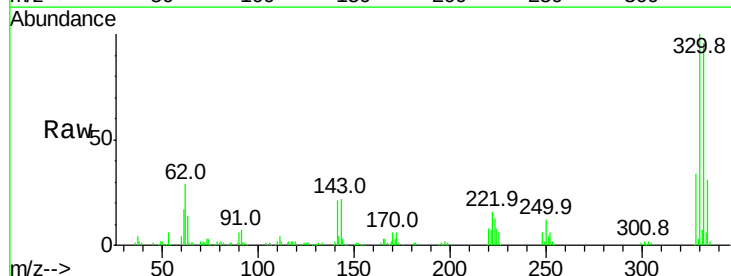


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

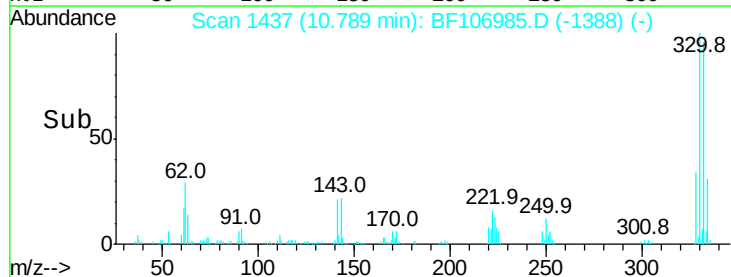
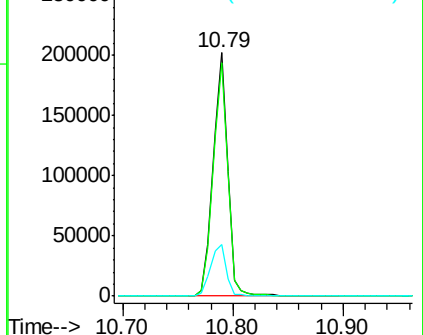


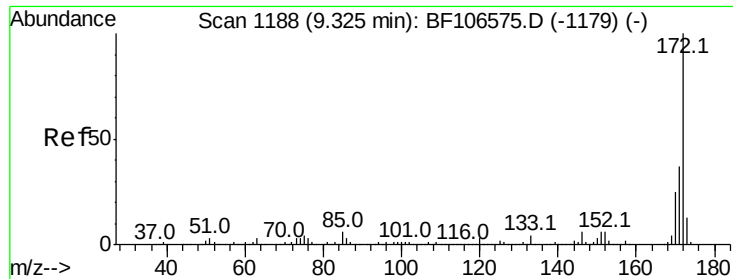
#41
2,4,6-Tribromophenol
Concen: 132.074 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:330 Resp: 183637
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 22.9 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

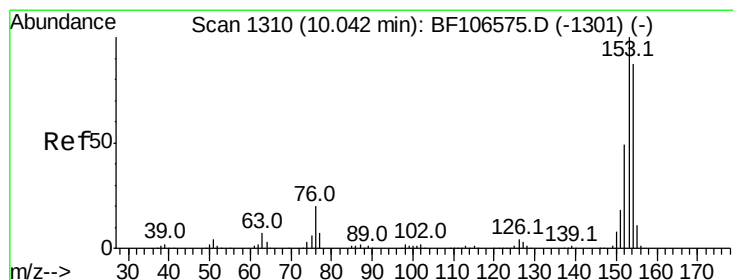
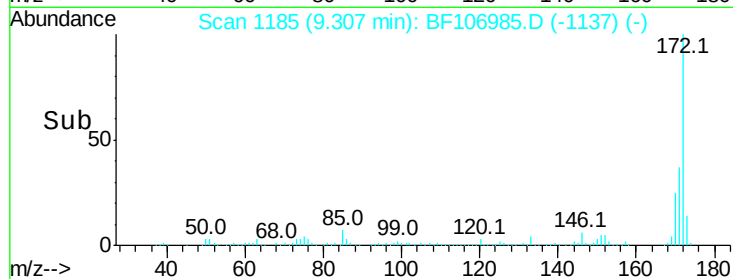
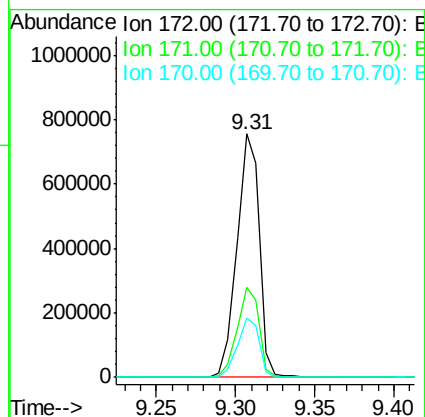
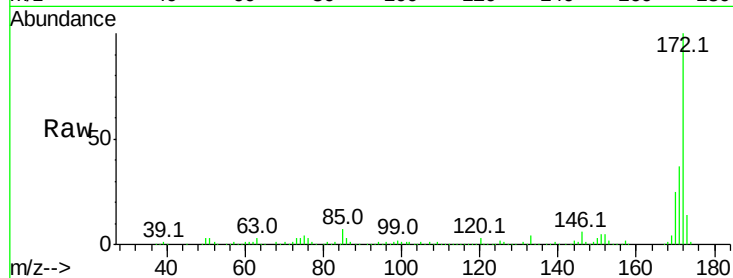




#44
 2-Fluorobiphenyl
 Concen: 108.216 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106985.D
 Acq: 29 Jun 2018 20:40

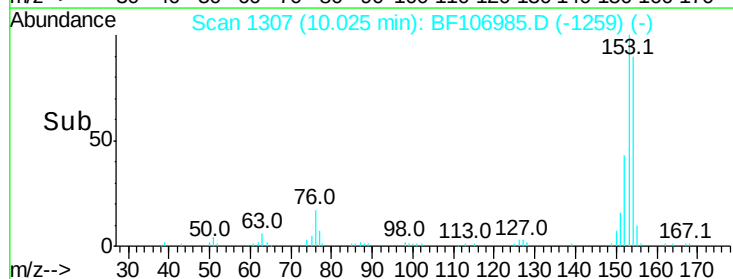
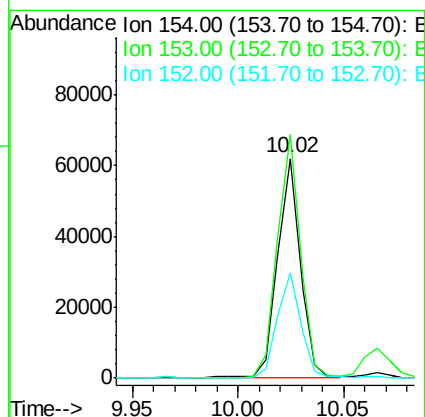
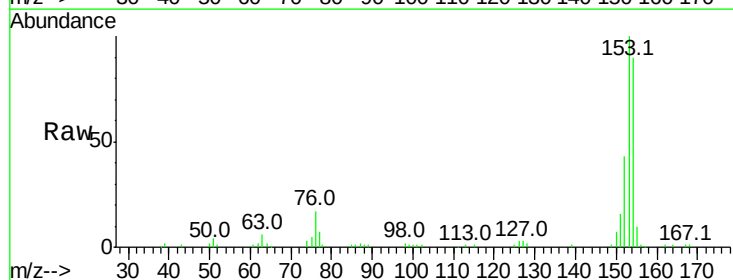
Instrument :
 BNA_F
 ClientSampleId :
 WC-02

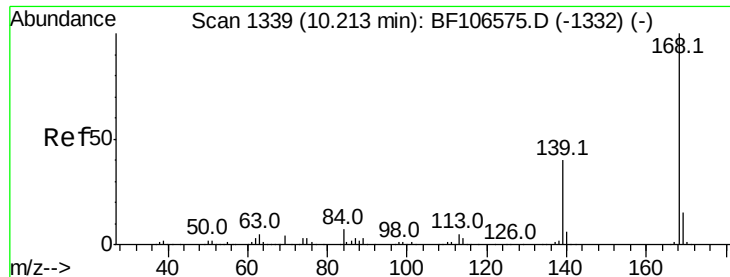
Tot Ion:172 Resp: 738421
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.6 19.6 29.4



#51
 Acenaphthene
 Concen: 6.259 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF106985.D
 Acq: 29 Jun 2018 20:40

Tgt Ion:154 Resp: 46825
 Ion Ratio Lower Upper
 154 100
 153 111.0 91.2 136.8
 152 47.9 43.8 65.8





#54

Dibenzenofuran

Concen: 4.025 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

Instrument :

BNA_F

ClientSampleId :

WC-02

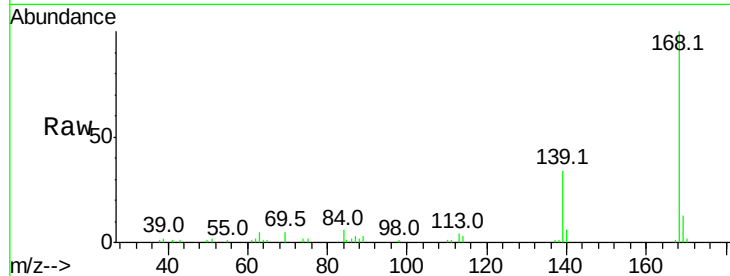
Tot Ion:168 Resp: 41234

Ion Ratio Lower Upper

168 100

139 34.2 30.1 45.1

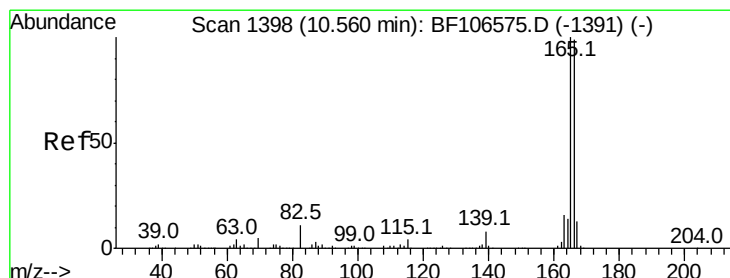
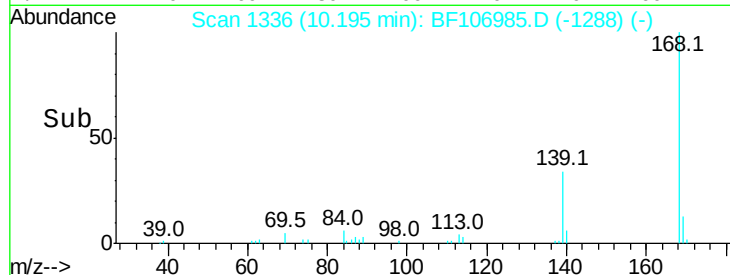
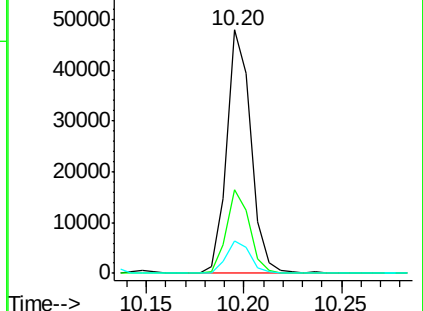
169 13.1 10.9 16.3



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



#57

Fluorene

Concen: 4.589 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

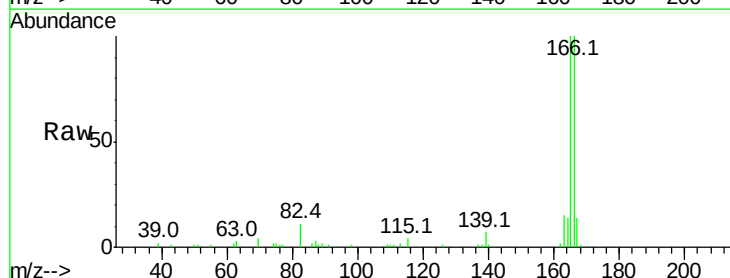
Tgt Ion:166 Resp: 37307

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

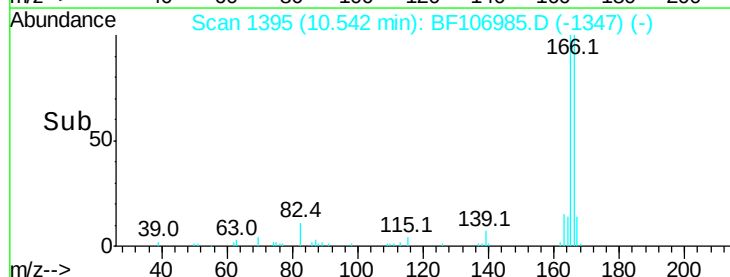
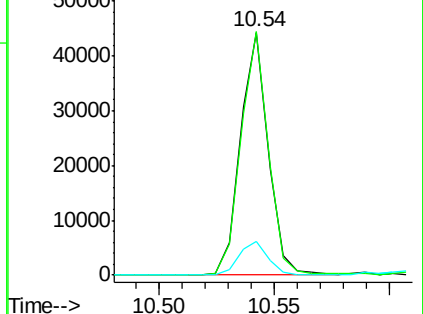
167 13.8 10.6 16.0

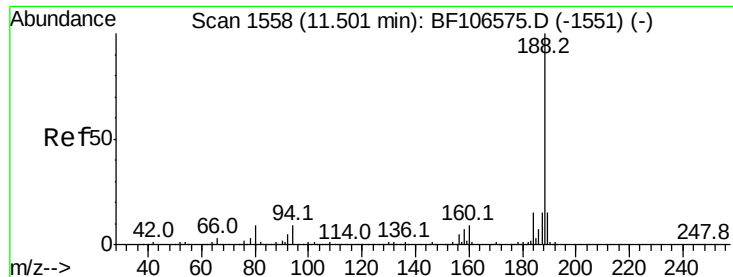


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

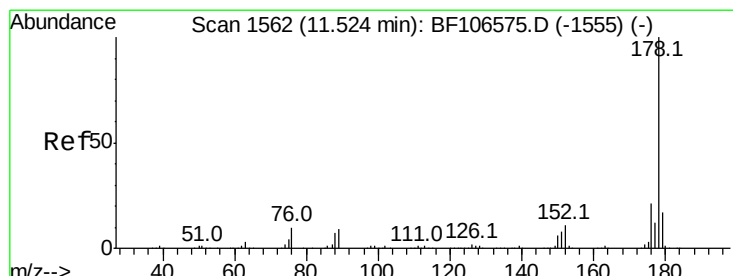
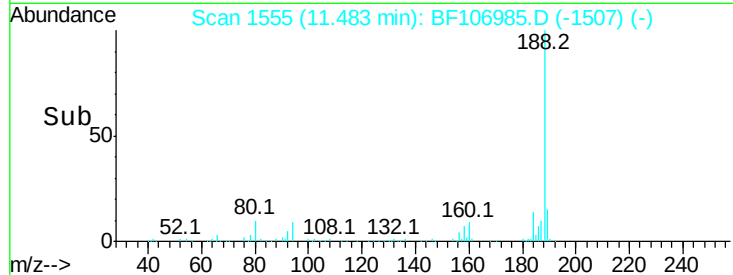
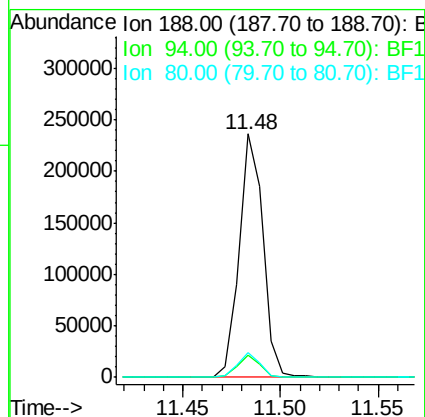
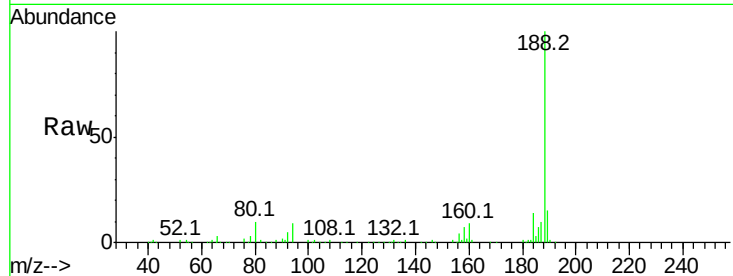




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

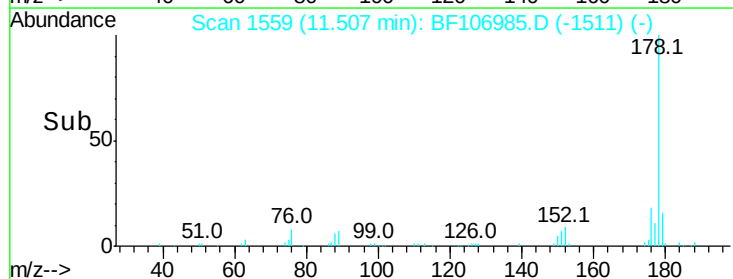
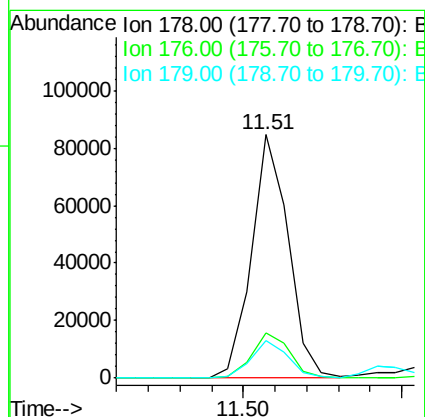
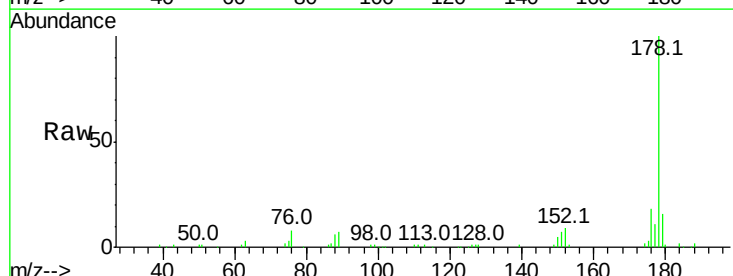
Instrument :
BNA_F
ClientSampleId :
WC-02

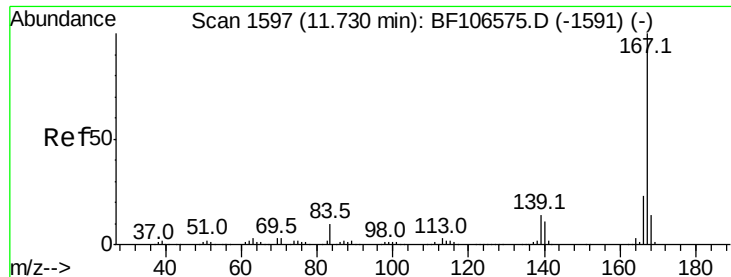
Tot Ion:188 Resp: 200042
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.9 9.2 13.8



#70
Phenanthrene
Concen: 7.067 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:178 Resp: 68190
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 15.5 13.0 19.6





#72

Carbazole

Concen: 3.150 ng

RT: 11.72 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

Instrument :

BNA_F

ClientSampleId :

WC-02

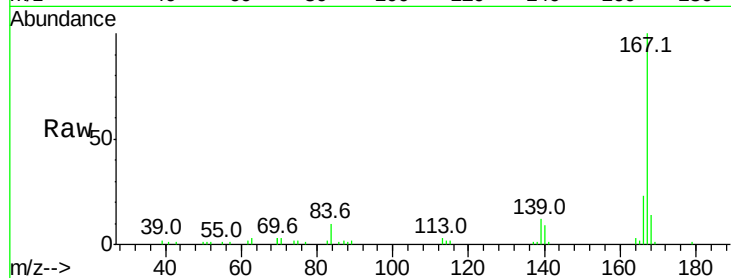
Tot Ion:167 Resp: 29044

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

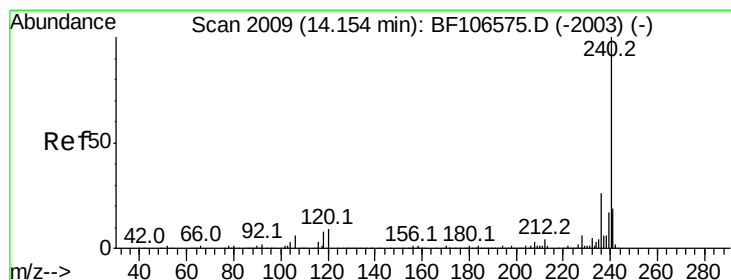
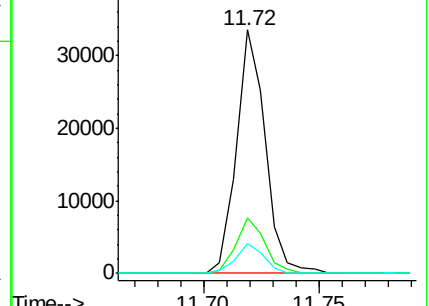
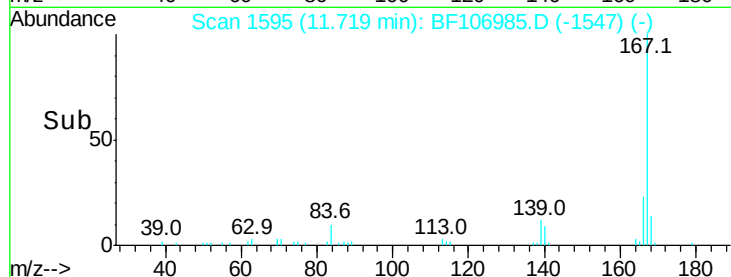
139 12.2 10.9 16.3



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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

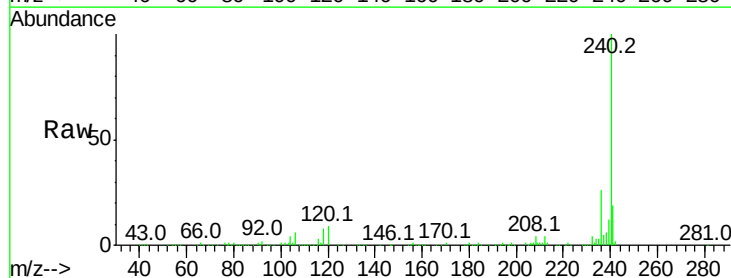
Tgt Ion:240 Resp: 195415

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

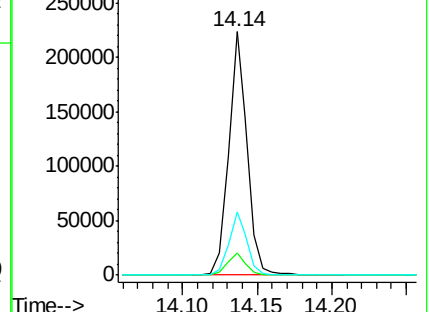
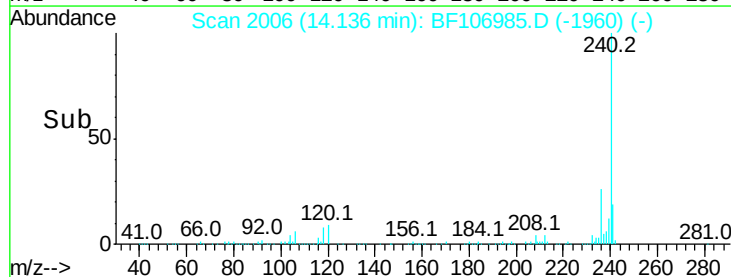
236 26.0 20.7 31.1

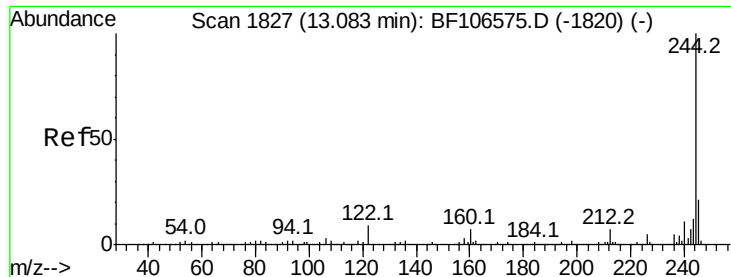


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.128 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

Instrument :

BNA_F

ClientSampleId :

WC-02

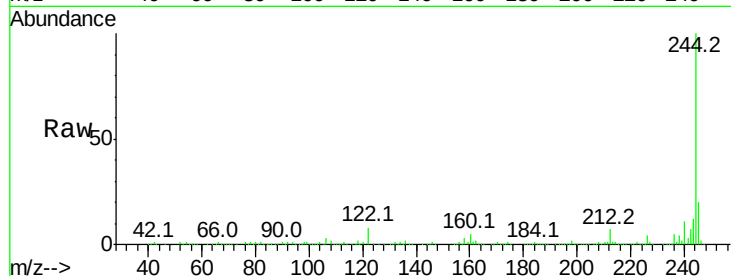
Tot Ion:244 Resp: 735160

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

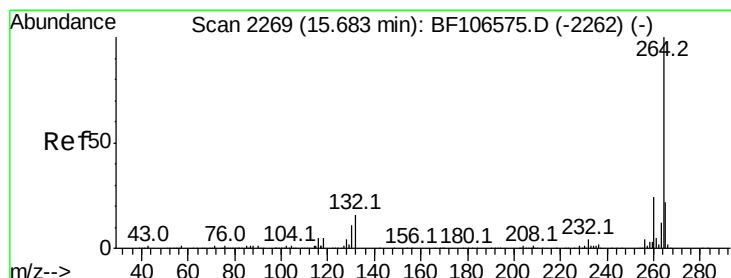
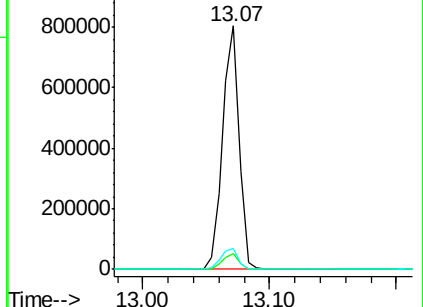
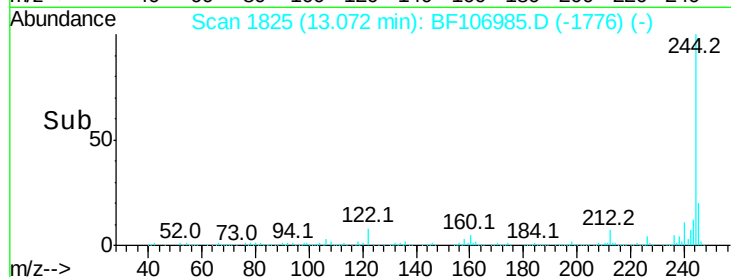
122 8.4 11.0 16.4#



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: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF106985.D

Acq: 29 Jun 2018 20:40

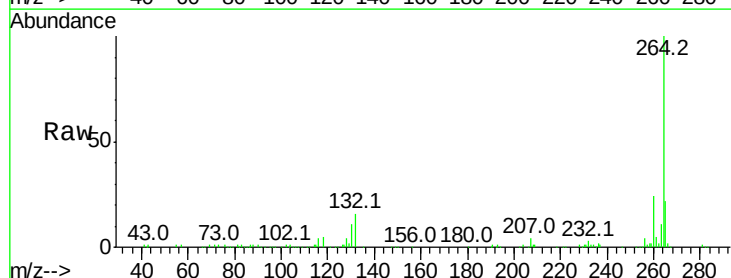
Tgt Ion:264 Resp: 145165

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 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

