

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112016.D
 Acq On : 11 Jan 2019 15:40
 Operator : JU/SJ
 Sample : K1088-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-04(15-20)

Quant Time: Jan 11 22:43:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	103023	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	346542	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	144297	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	224575	20.00	ng	0.02
76) Chrysene-d12	14.10	240	218713	20.00	ng	0.05
87) Perylene-d12	15.60	264	183587	20.00	ng	0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	755454	125.45	ng	0.00
7) Phenol-d6	6.52	99	970678	125.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	583147	89.94	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	212277	113.10	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	944185	95.42	ng	0.00
79) Terphenyl-d14	13.03	244	859979	74.64	ng	0.04

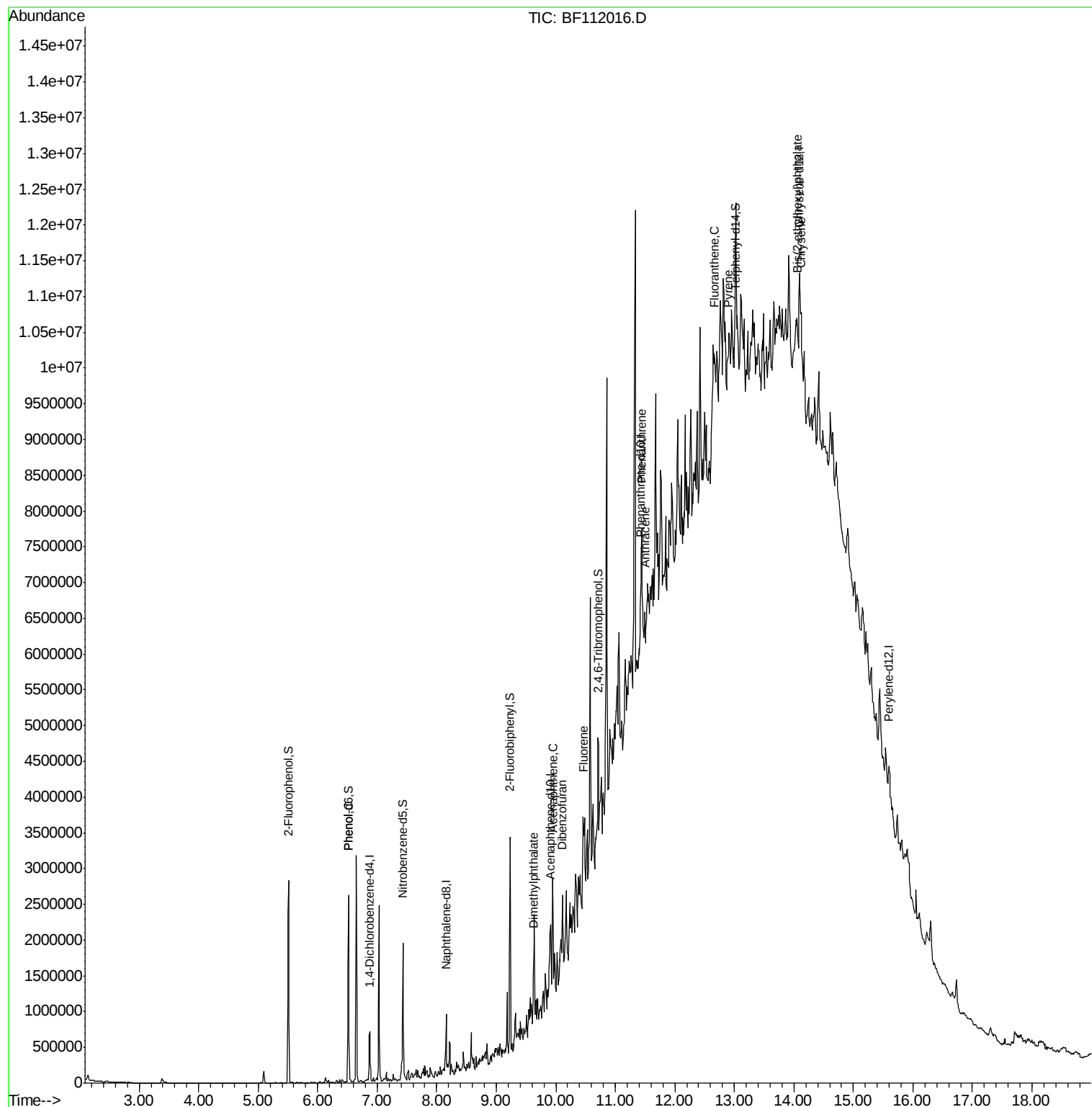
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	46066	5.461	ng	85
50) Dimethylphthalate	9.62	163	131033	12.088	ng	# 96
52) Acenaphthene	9.95	154	205914	22.806	ng	93
55) Dibenzofuran	10.12	168	80203	6.108	ng	# 80
58) Fluorene	10.47	166	235960	24.696	ng	# 92
71) Phenanthrene	11.45	178	535394	44.591	ng	# 93
72) Anthracene	11.50	178	80629	6.615	ng	# 66
75) Fluoranthene	12.66	202	259754	21.073	ng	85
78) Pyrene	12.89	202	202396	13.449	ng	# 87
83) Chrysene	14.12	228	90141	7.511	ng	# 33
84) Bis(2-ethylhexyl)phthalate	14.06	149	183545	21.967	ng	# 78

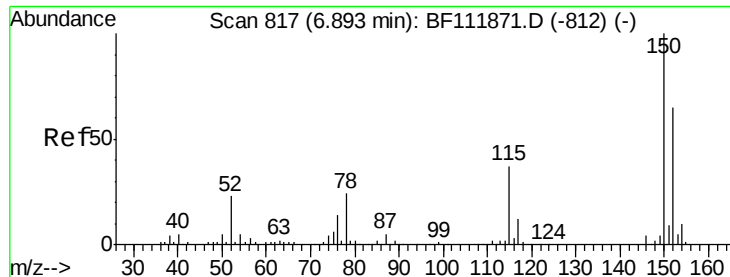
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Quant Time: Jan 11 22:43:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration



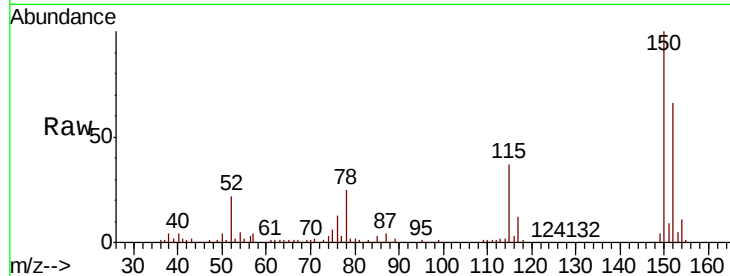


#1

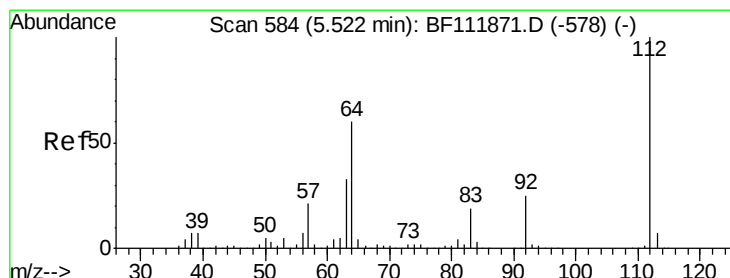
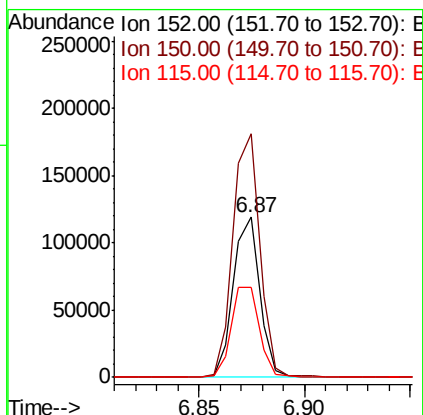
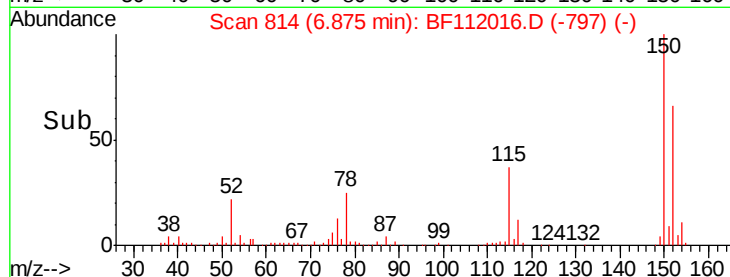
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tot Ion:152 Resp: 103023
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 56.6 45.2 67.8



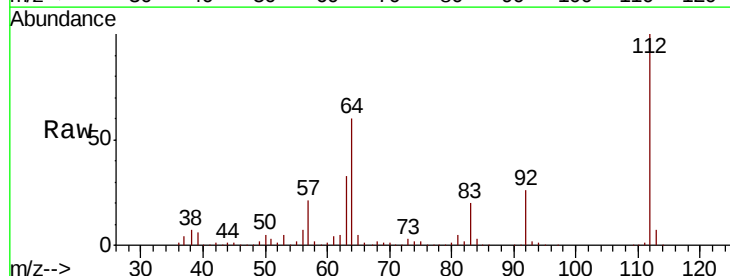
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



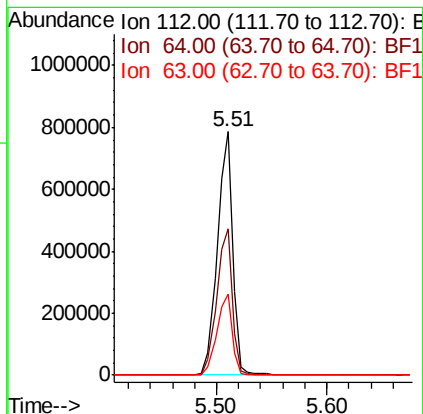
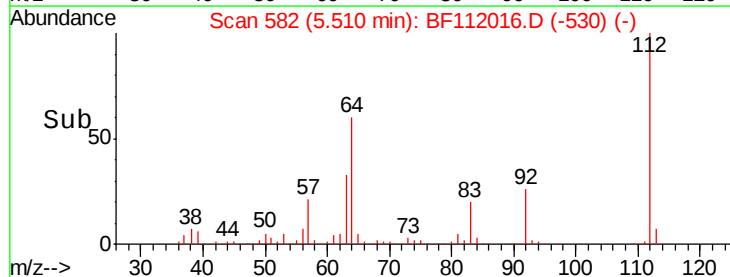
#5

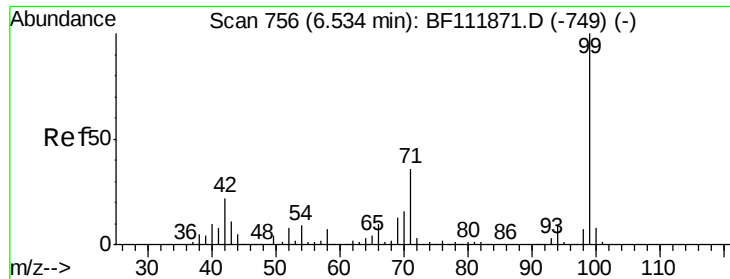
2-Fluorophenol
Concen: 125.452 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:112 Resp: 755454
Ion Ratio Lower Upper
112 100
64 60.0 48.3 72.5
63 33.5 26.1 39.1



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: 125.064 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

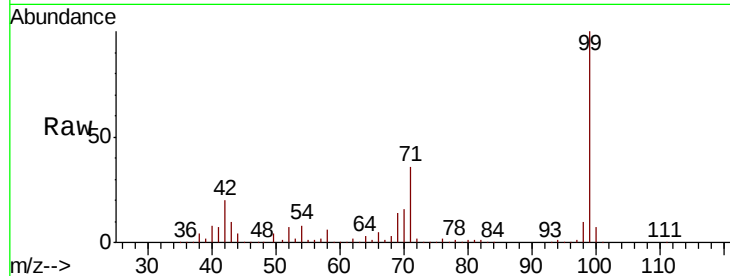
Tot Ion: 99 Resp: 970678

Ion Ratio Lower Upper

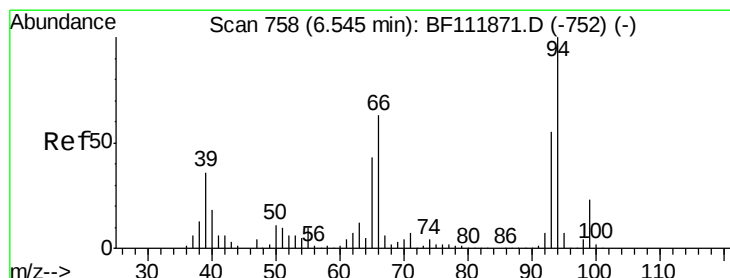
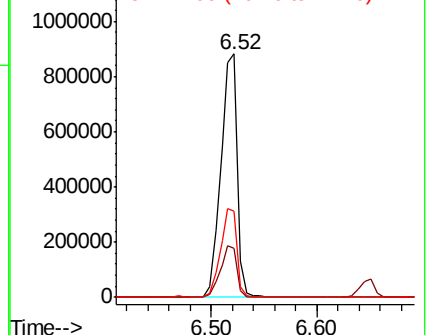
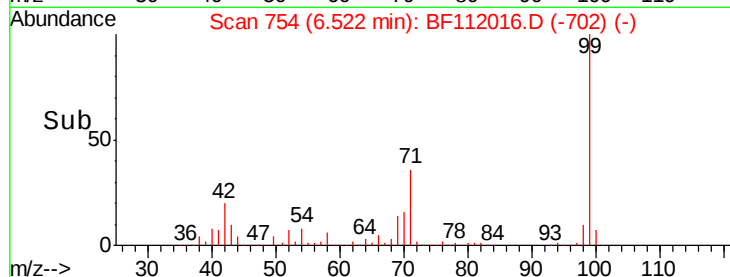
99 100

42 20.2 17.9 26.9

71 35.6 28.7 43.1



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: 5.461 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

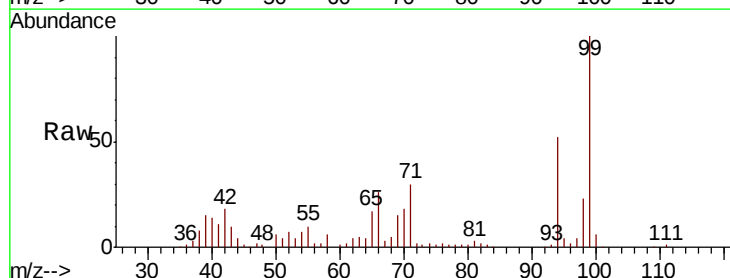
Tgt Ion: 94 Resp: 46066

Ion Ratio Lower Upper

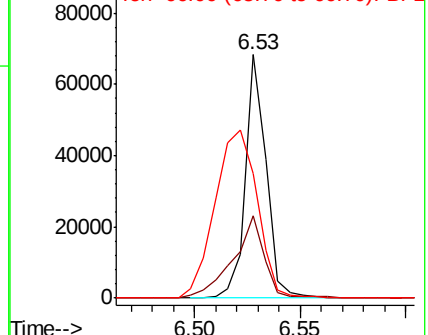
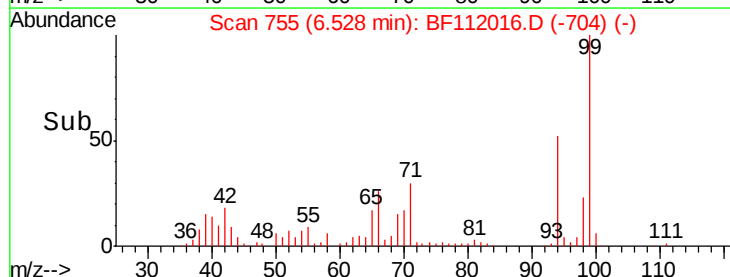
94 100

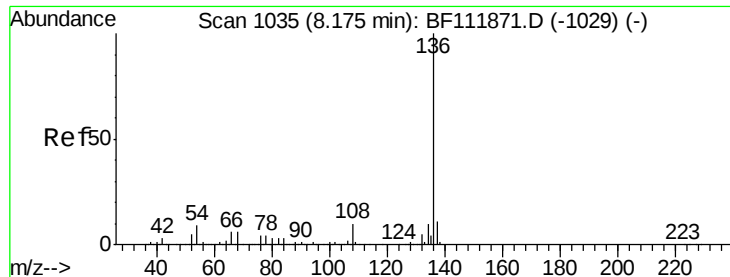
65 33.7 22.8 62.8

66 50.9 43.3 83.3



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

Tot Ion:136 Resp: 346542

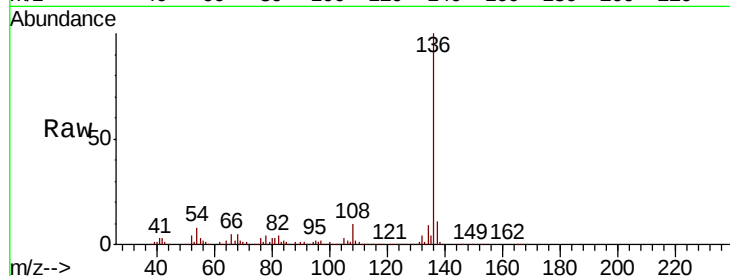
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.9 7.2 10.8

68 4.8 4.4 6.6

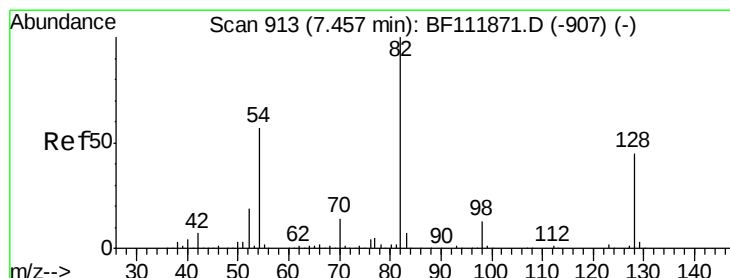
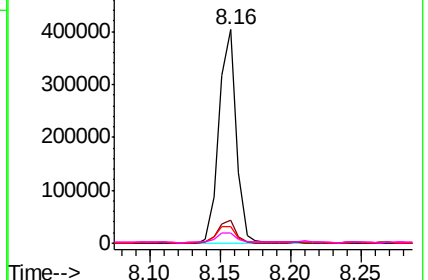
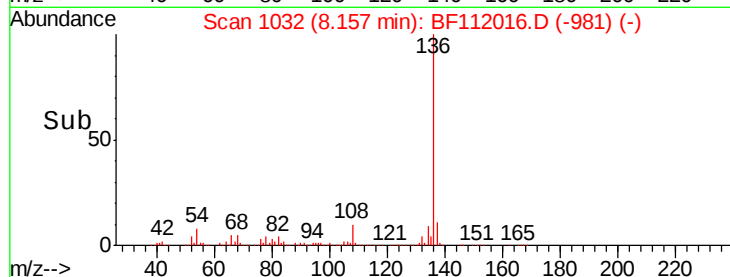


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.936 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

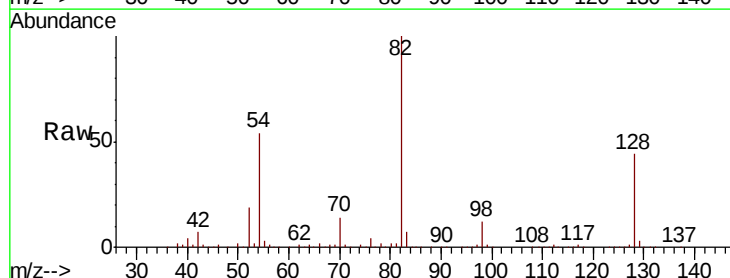
Tgt Ion: 82 Resp: 583147

Ion Ratio Lower Upper

82 100

128 44.0 35.7 53.5

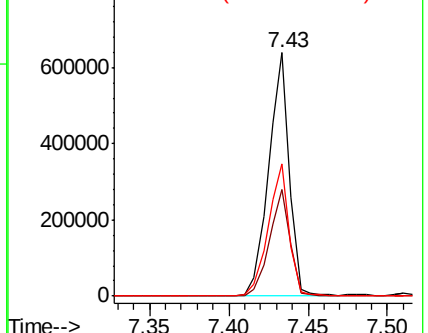
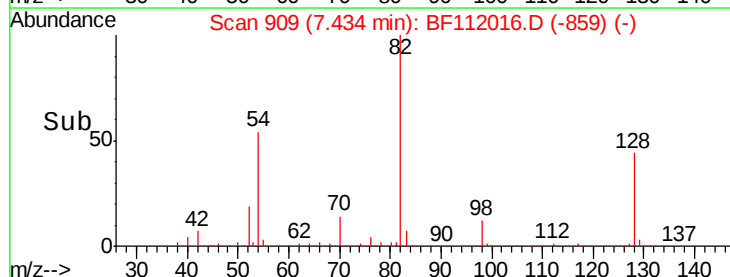
54 54.4 45.8 68.8

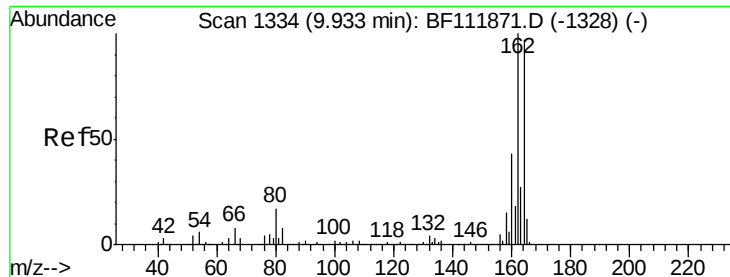


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

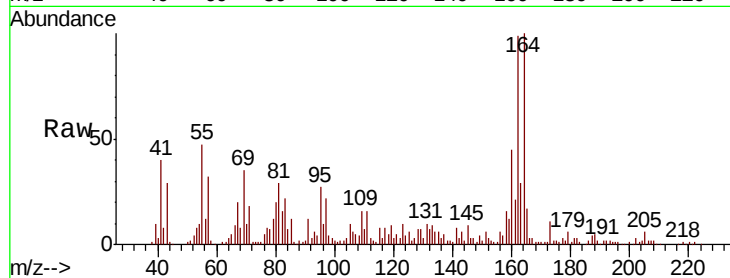




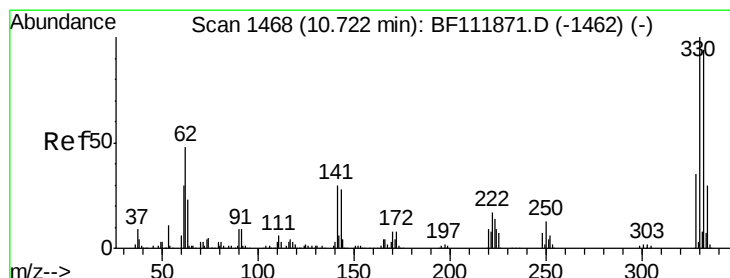
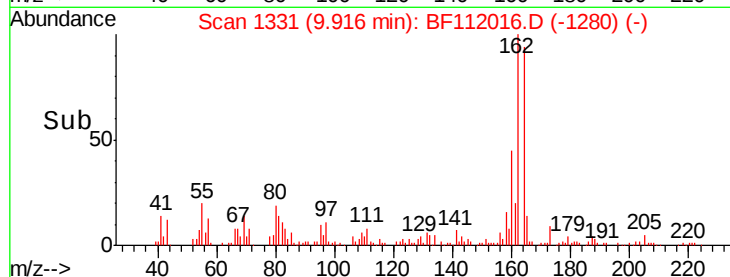
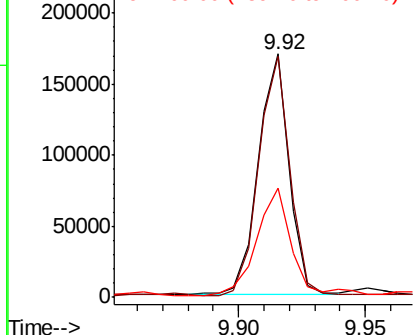
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tot Ion:164 Resp: 144297
Ion Ratio Lower Upper
164 100
162 98.9 82.2 123.2
160 44.9 35.5 53.3

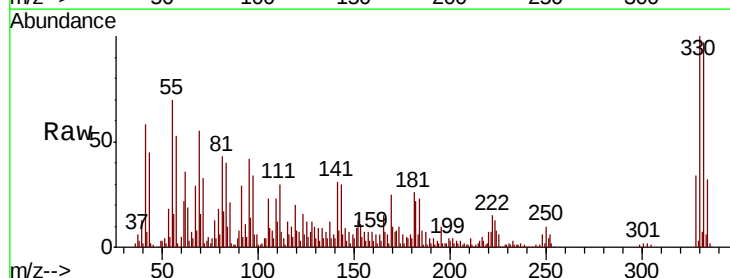


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

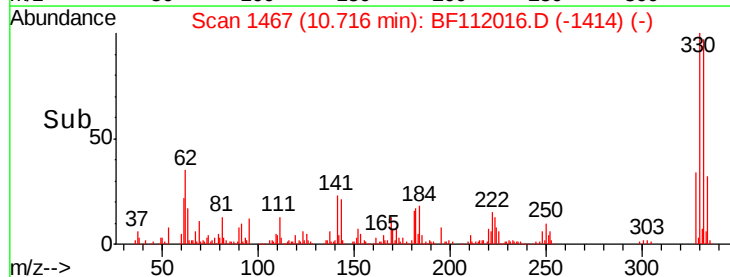
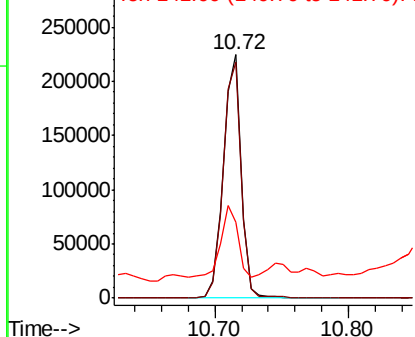


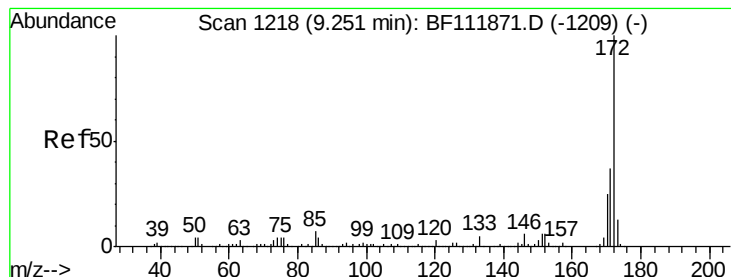
#42
2,4,6-Tribromophenol
Concen: 113.102 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:330 Resp: 212277
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 27.9 23.7 35.5



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





#45

2-Fluorobiphenyl

Concen: 95.415 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

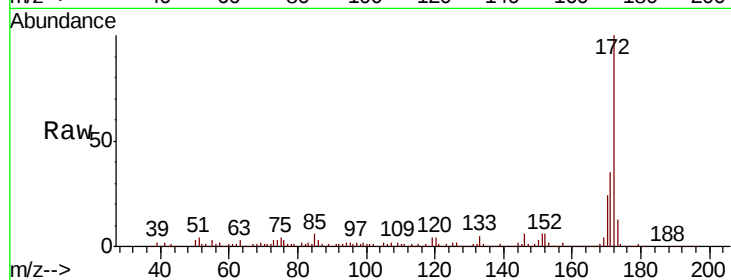
BNA_F

ClientSampleId :

CPSB-04(15-20)

Tot Ion:172 Resp: 944185

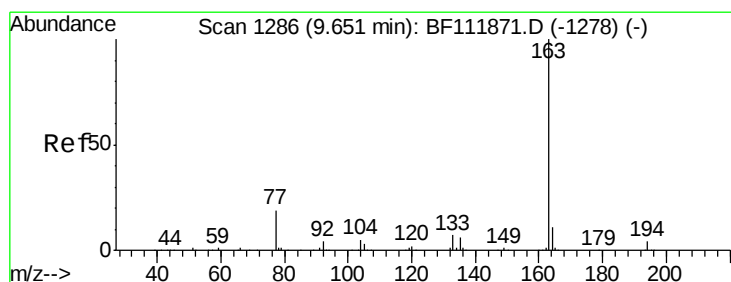
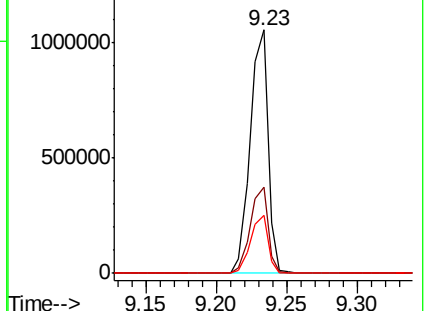
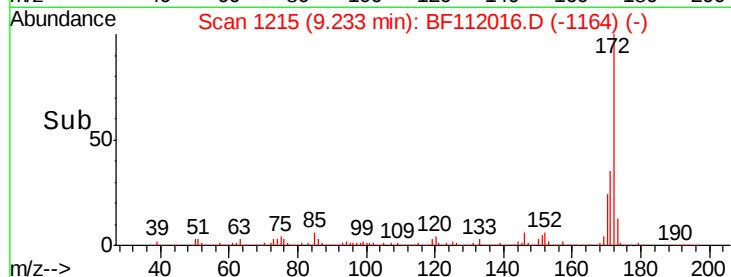
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.9	19.8	29.8



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



#50

Dimethylphthalate

Concen: 12.088 ng

RT: 9.62 min Scan# 1281

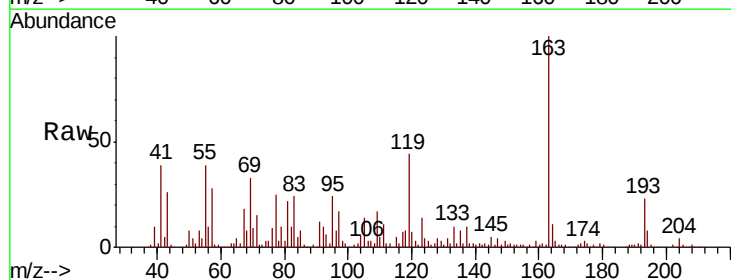
Delta R.T. -0.01 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Tgt Ion:163 Resp: 131033

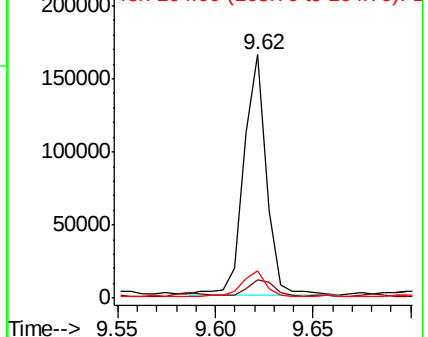
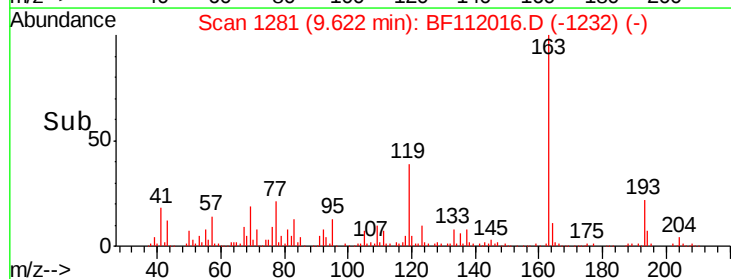
Ion	Ratio	Lower	Upper
163	100		
194	7.6	3.4	5.2#
164	11.2	8.5	12.7

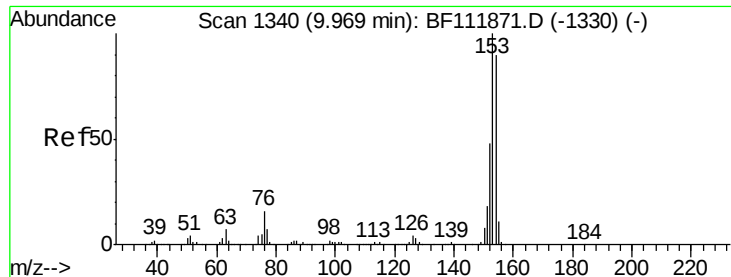


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 22.806 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

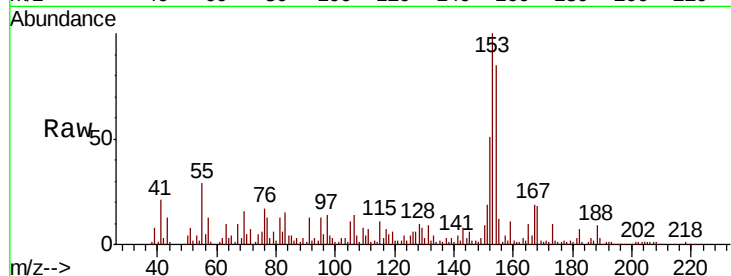
Tot Ion:154 Resp: 205914

Ion Ratio Lower Upper

154 100

153 118.1 89.4 134.0

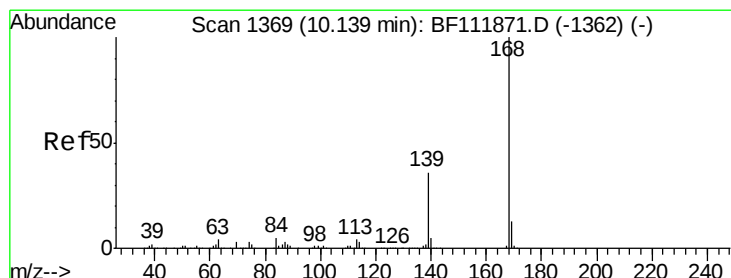
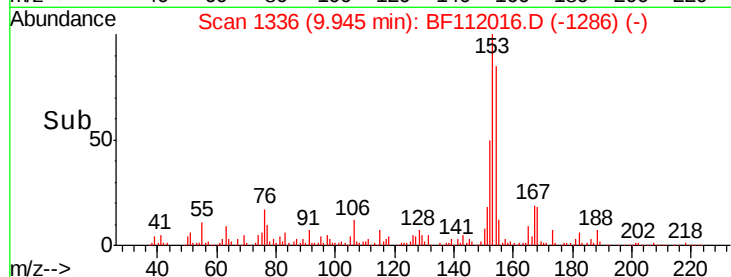
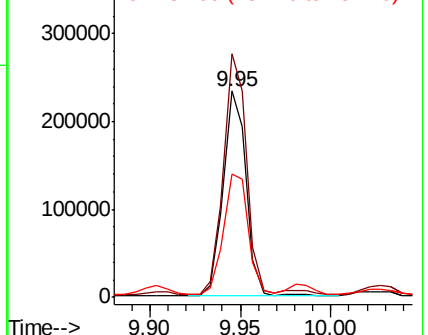
152 60.1 43.1 64.7



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



#55

Dibenzofuran

Concen: 6.108 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

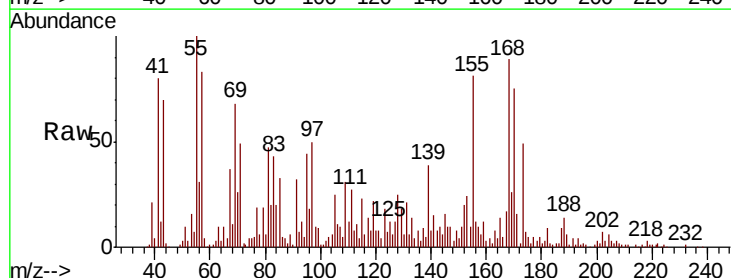
Tgt Ion:168 Resp: 80203

Ion Ratio Lower Upper

168 100

139 44.1 29.3 43.9#

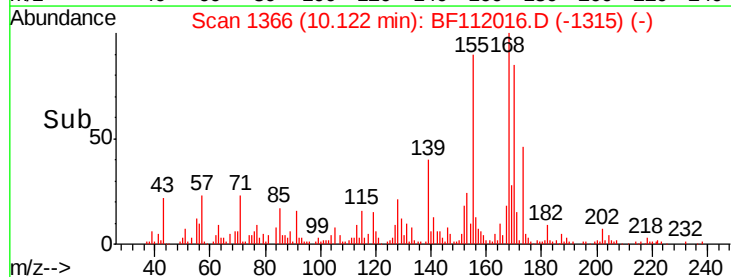
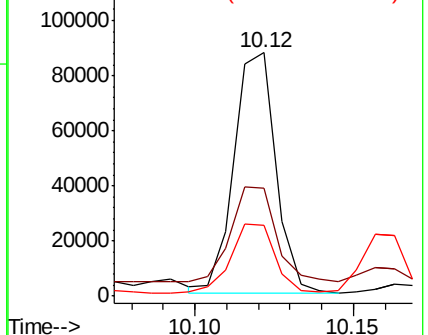
169 29.1 10.6 16.0#

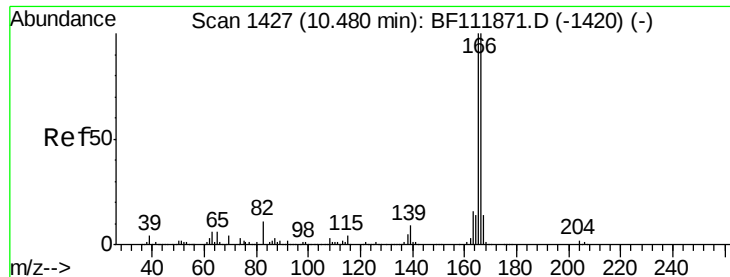


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 24.696 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

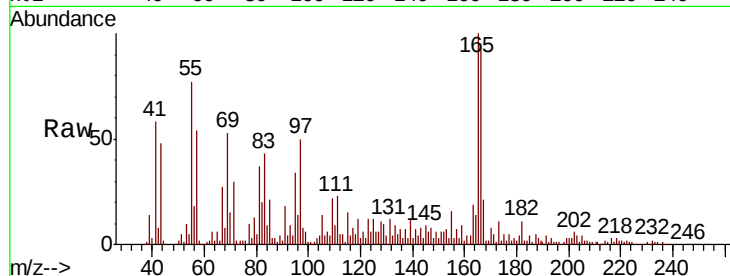
Tot Ion:166 Resp: 235960

Ion Ratio Lower Upper

166 100

165 105.7 79.7 119.5

167 21.8 11.1 16.7#

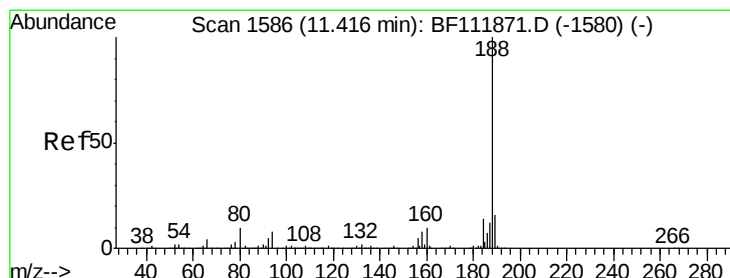
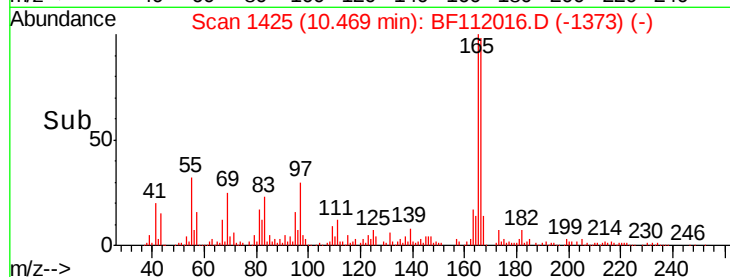
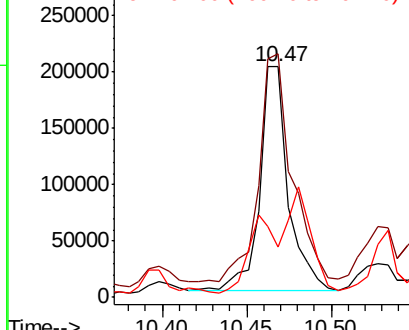


Abundance

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

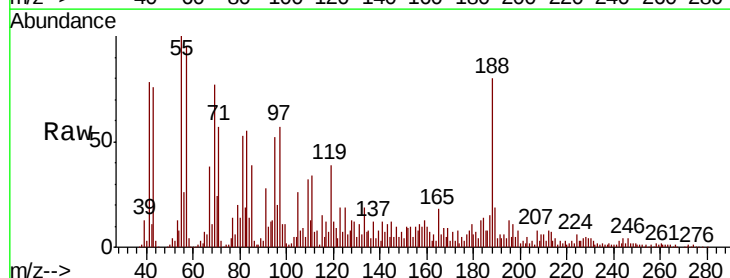
Tgt Ion:188 Resp: 224575

Ion Ratio Lower Upper

188 100

94 16.2 6.6 10.0#

80 18.0 7.7 11.5#

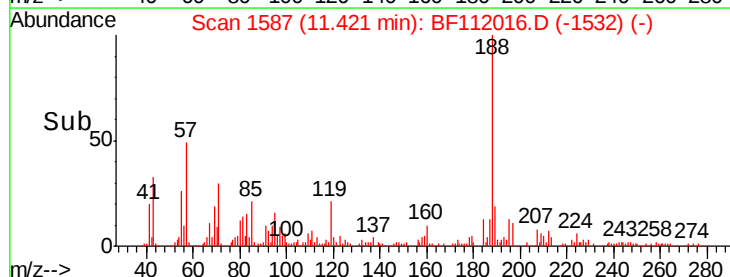
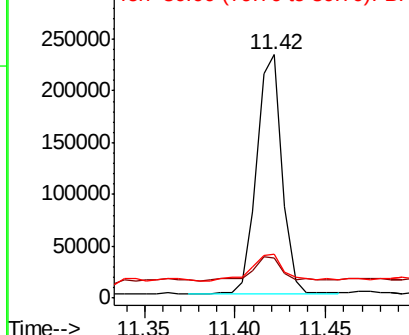


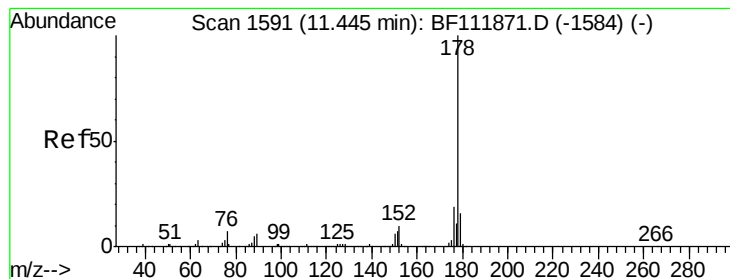
Abundance

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





#71

Phenanthrene

Concen: 44.591 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.02 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

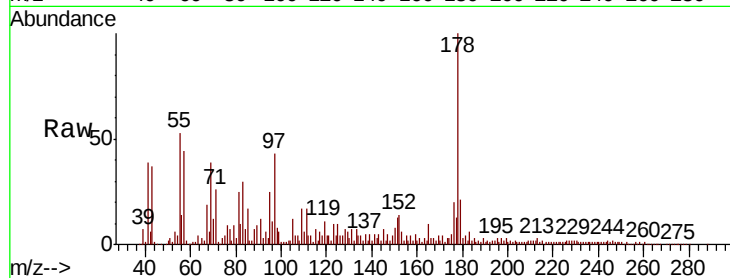
Tot Ion:178 Resp: 535394

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

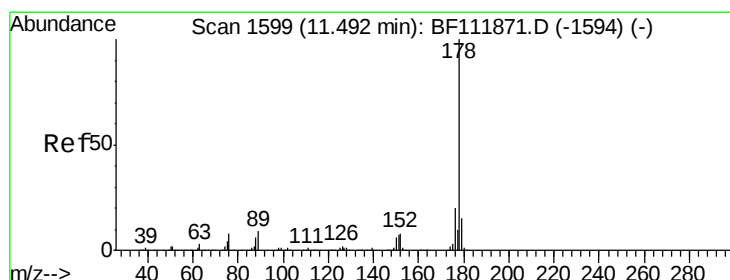
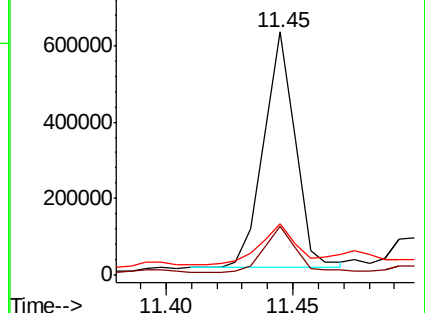
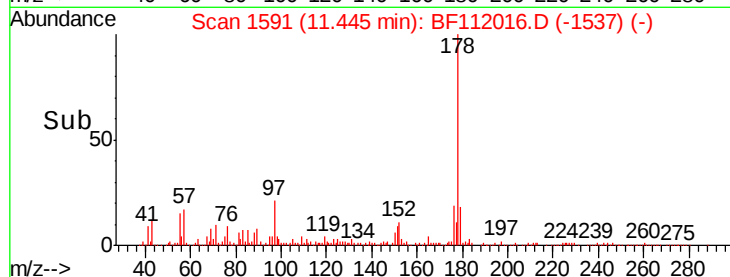
179 21.1 12.6 18.8#



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

Anthracene

Concen: 6.615 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.02 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

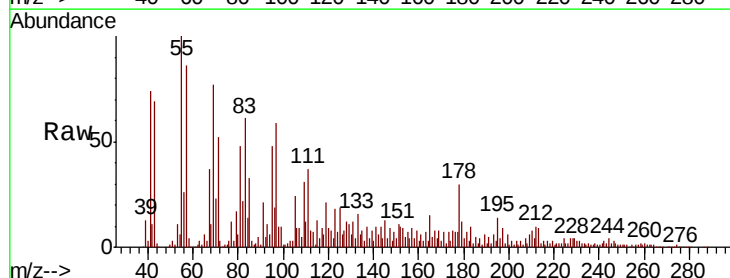
Tgt Ion:178 Resp: 80629

Ion Ratio Lower Upper

178 100

176 25.0 15.7 23.5#

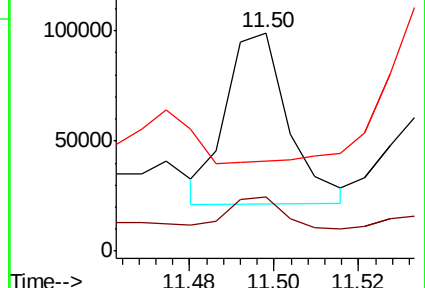
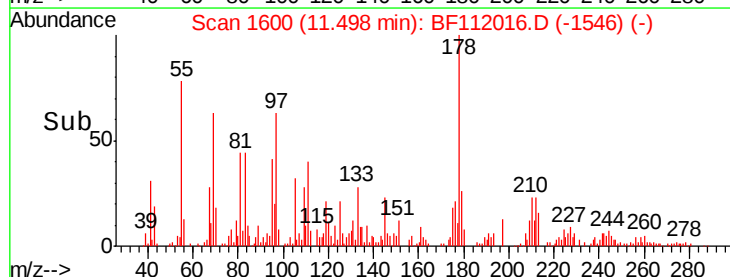
179 41.3 12.4 18.6#

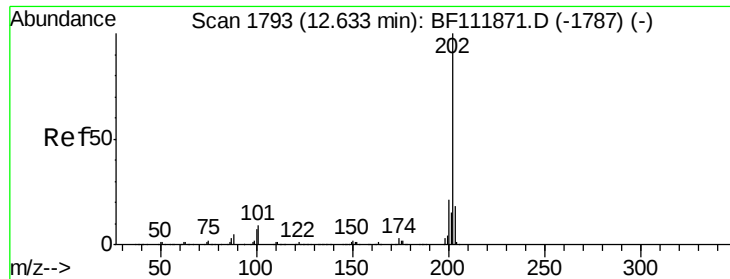


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 21.073 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.04 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

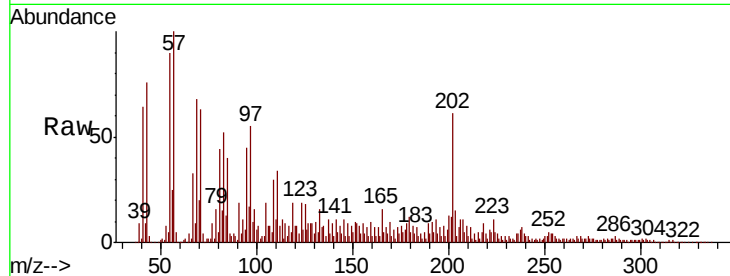
Tot Ion:202 Resp: 259754

Ion Ratio Lower Upper

202 100

101 13.5 0.0 29.3

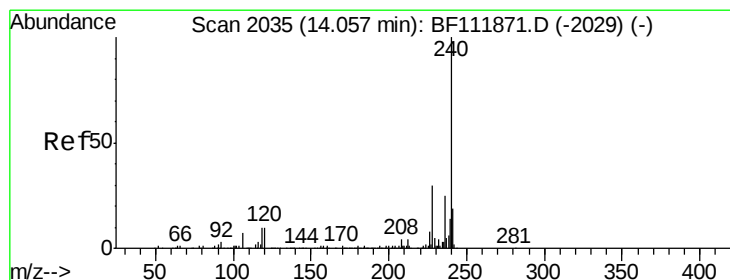
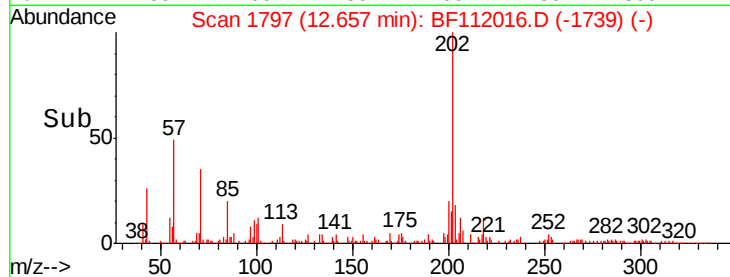
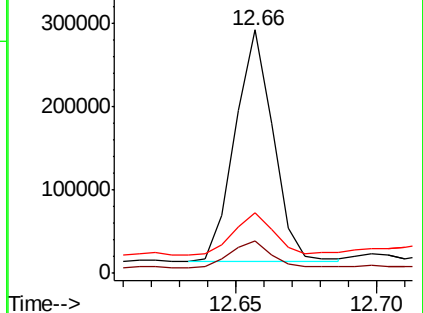
203 24.7 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.05 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

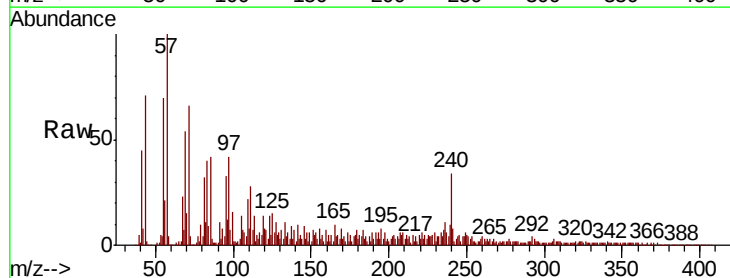
Tgt Ion:240 Resp: 218713

Ion Ratio Lower Upper

240 100

120 24.7 8.2 12.2#

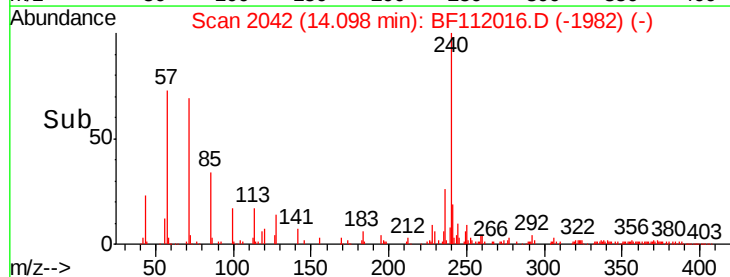
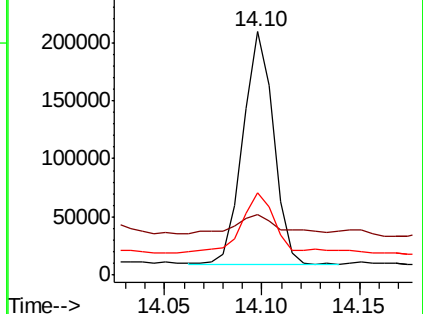
236 33.8 20.2 30.4#

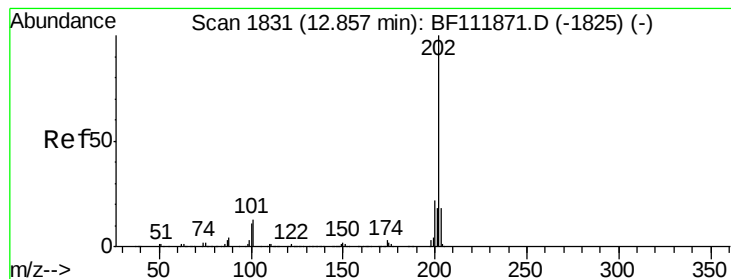


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 13.449 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.05 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

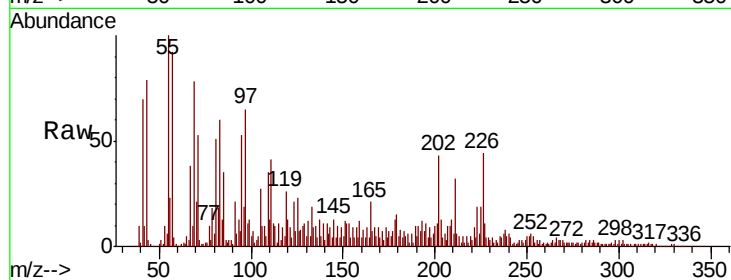
Tot Ion:202 Resp: 202396

Ion Ratio Lower Upper

202 100

200 23.2 17.4 26.2

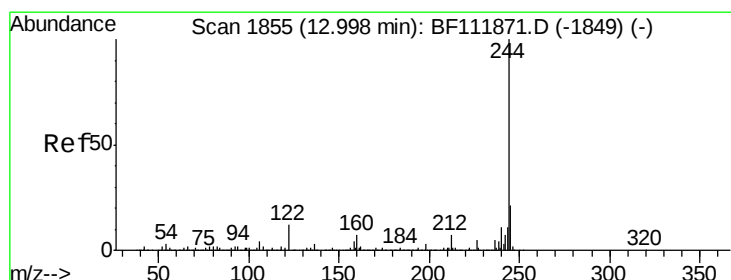
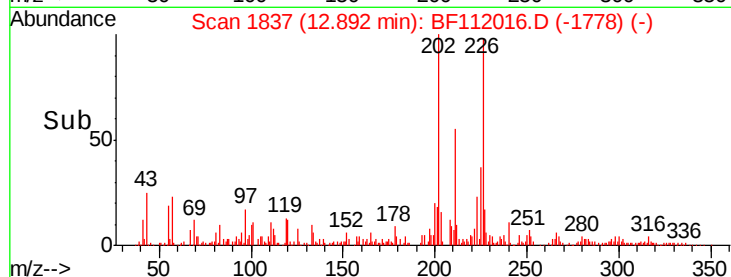
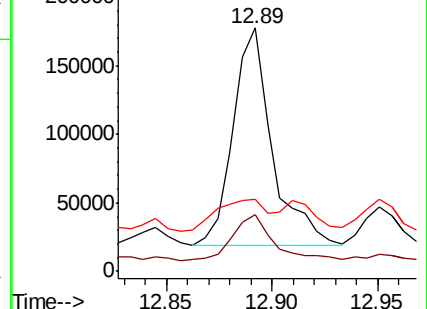
203 29.7 14.6 21.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 74.638 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.04 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

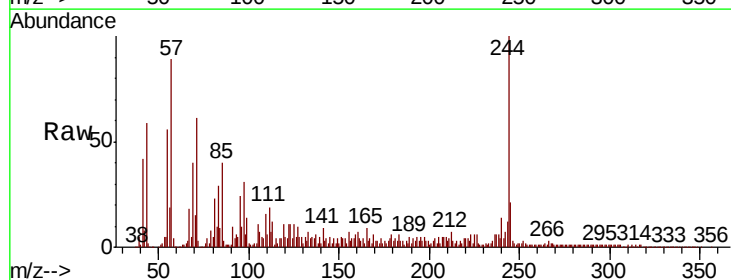
Tgt Ion:244 Resp: 859979

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

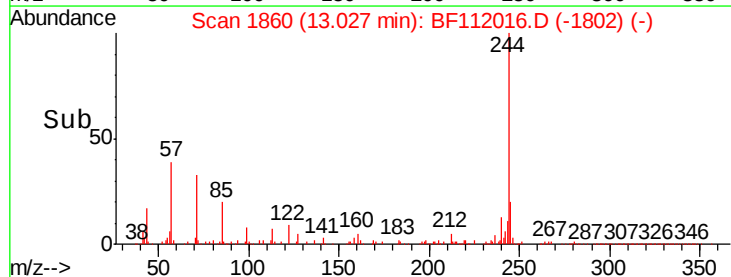
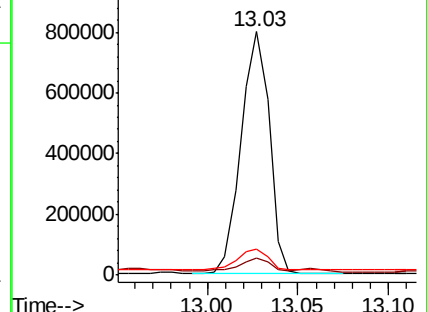
122 10.8 9.5 14.3

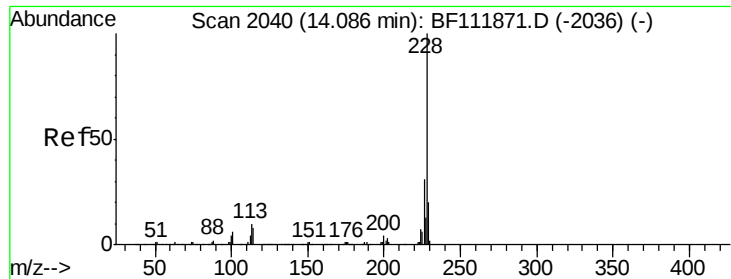


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

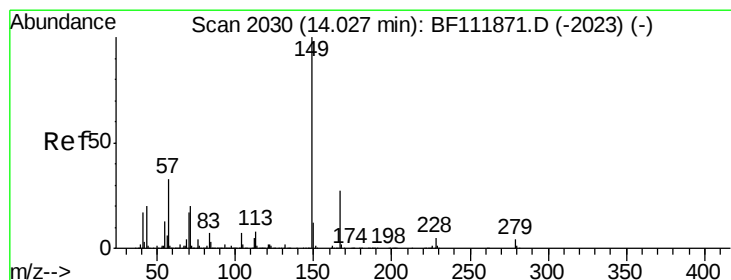
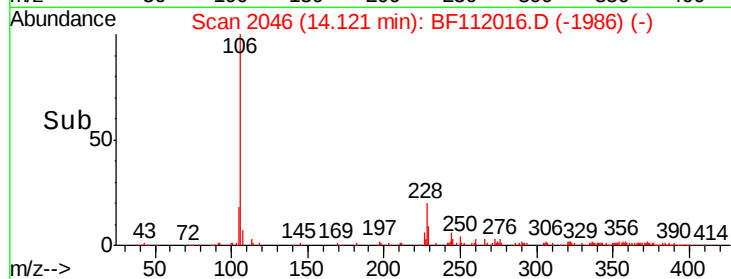
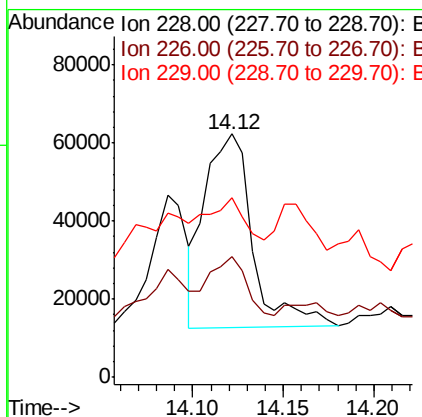
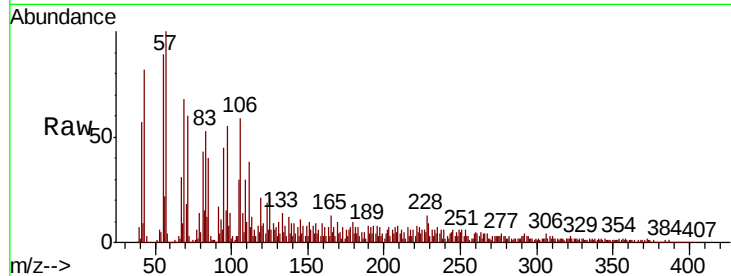




#83
 Chrysene
 Concen: 7.511 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.05 min
 Lab File: BF112016.D
 Acq: 11 Jan 2019 15:40

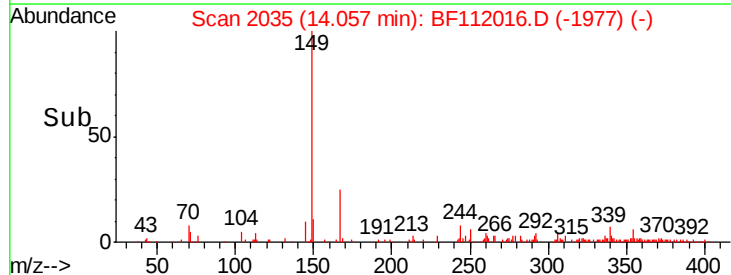
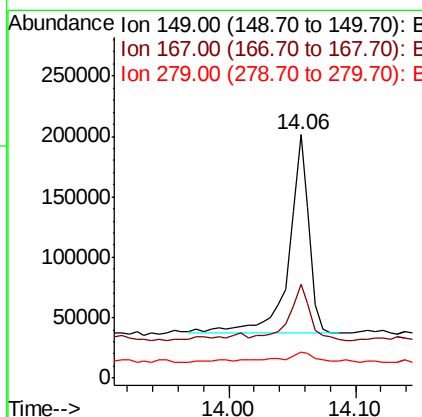
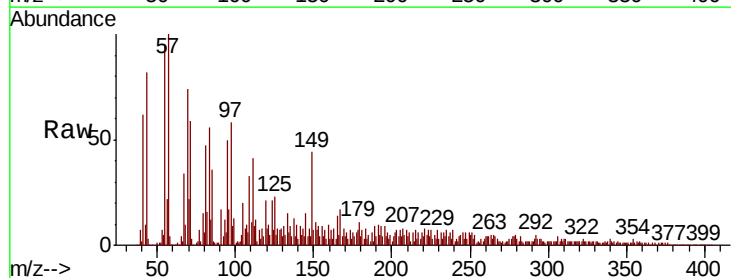
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-04(15-20)

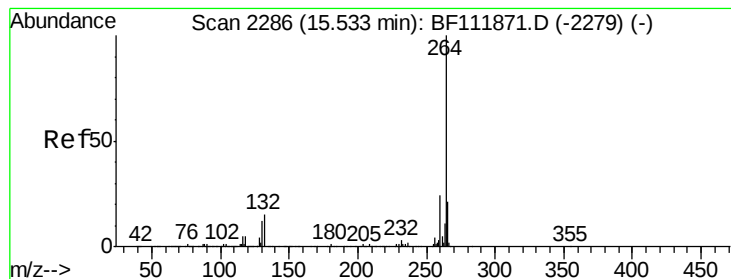
Tot Ion:228 Resp: 90141
 Ion Ratio Lower Upper
 228 100
 226 49.4 24.6 37.0#
 229 73.6 15.7 23.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 21.967 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.04 min
 Lab File: BF112016.D
 Acq: 11 Jan 2019 15:40

Tgt Ion:149 Resp: 183545
 Ion Ratio Lower Upper
 149 100
 167 38.6 21.5 32.3#
 279 10.7 3.0 4.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.08 min

Lab File: BF112016.D

Acq: 11 Jan 2019 15:40

Instrument :

BNA_F

ClientSampleId :

CPSB-04(15-20)

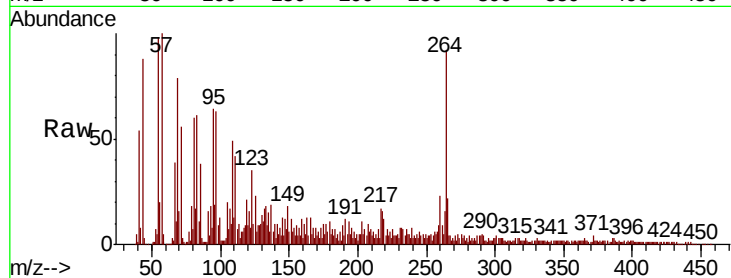
Tot Ion: 264 Resp: 183587

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 24.2 17.1 25.7



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

