

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112063.D
 Acq On : 14 Jan 2019 20:56
 Operator : JU/SJ
 Sample : K1102-05DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-13(10-15)DL

Quant Time: Jan 14 22:02:25 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

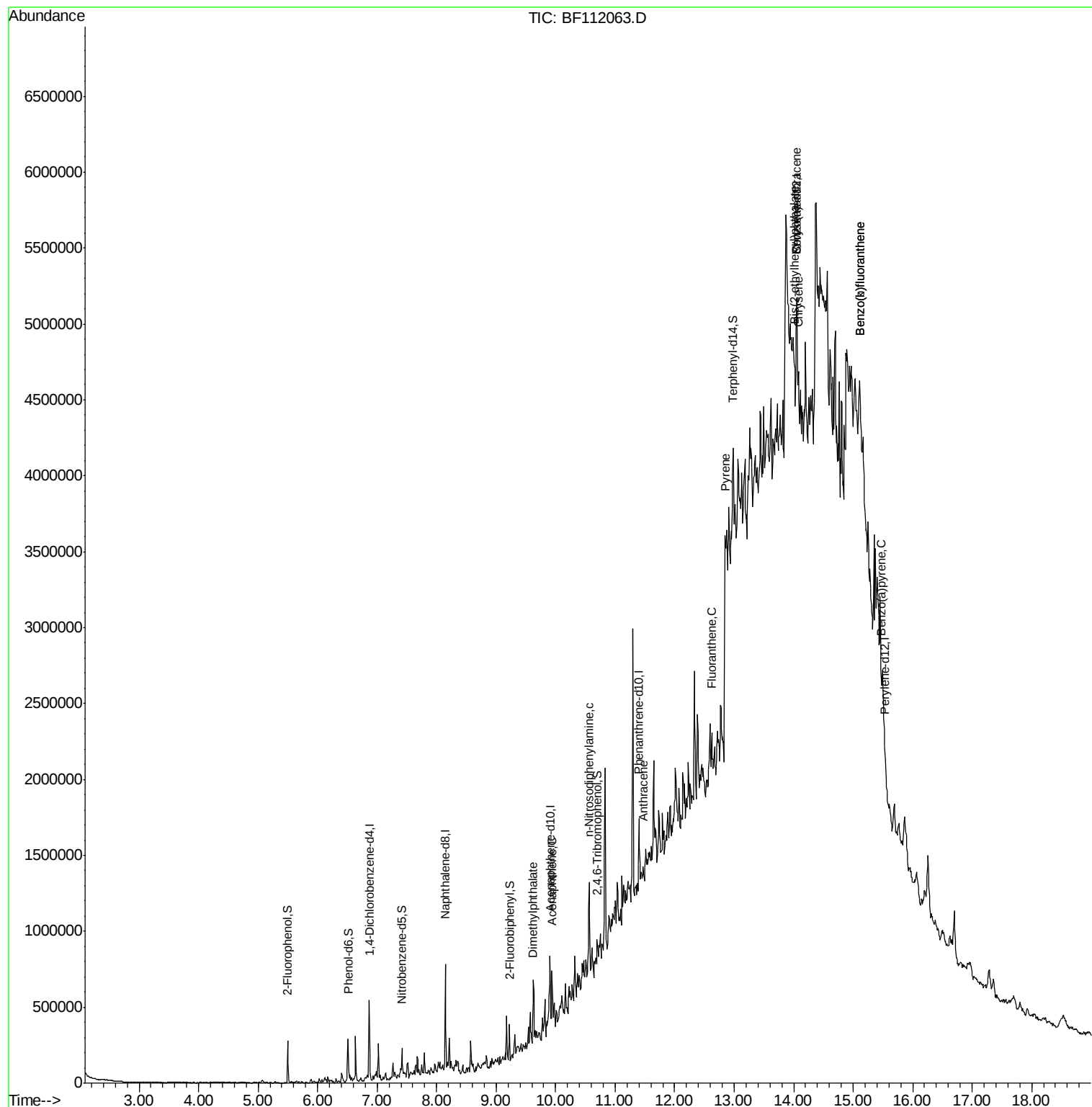
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	79023	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	277476	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	77753	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	116883	20.00	ng	0.00
76) Chrysene-d12	14.05	240	171498	20.00	ng	0.00
87) Perylene-d12	15.54	264	98018	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	75615	16.37	ng	0.00
7) Phenol-d6	6.51	99	97166	16.32	ng	0.00
23) Nitrobenzene-d5	7.42	82	55028	10.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	10063	9.95	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	54108	10.15	ng	-0.01
79) Terphenyl-d14	12.99	244	63915	7.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	145	Below Cal		Qvalue # 1
50) Dimethylphthalate	9.62	163	16405	2.809	ng	# 80
52) Acenaphthene	9.94	154	49131	10.099	ng	# 96
66) n-Nitrosodiphenylamine	10.57	169	25086	6.396	ng	# 56
72) Anthracene	11.47	178	28905	4.556	ng	# 81
75) Fluoranthene	12.62	202	85036	13.255	ng	# 93
78) Pyrene	12.85	202	120357	10.200	ng	# 94
81) Benzo(a)anthracene	14.04	228	33439	3.388	ng	# 59
83) Chrysene	14.08	228	35413	3.763	ng	# 62
84) Bis(2-ethylhexyl)phthalate	14.02	149	89713	13.693	ng	# 86
88) Benzo(b)fluoranthene	15.11	252	33078	5.641	ng	# 1
89) Benzo(k)fluoranthene	15.11	252	33078	6.002	ng	# 1
90) Benzo(a)pyrene	15.48	252	14689	2.849	ng	# 1

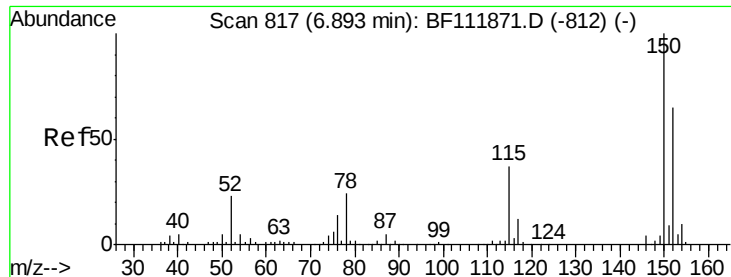
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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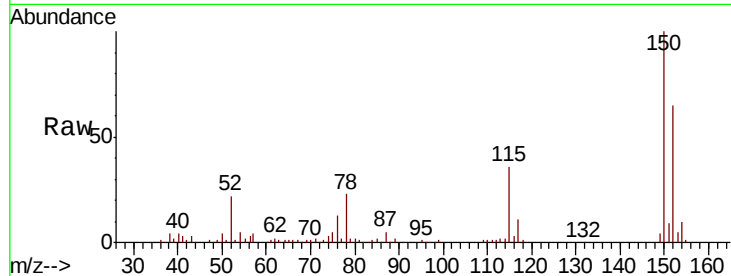


#1

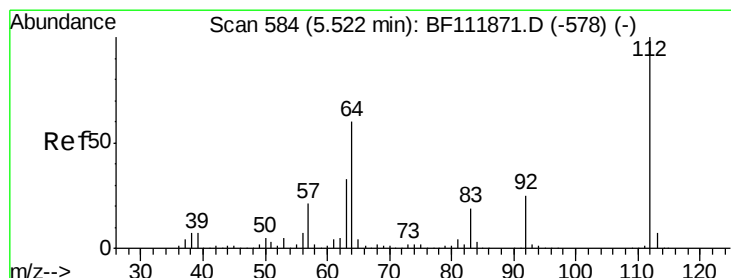
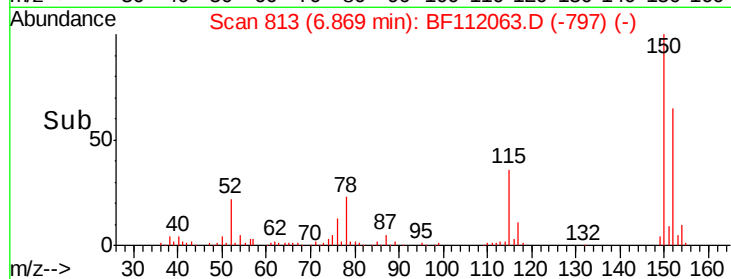
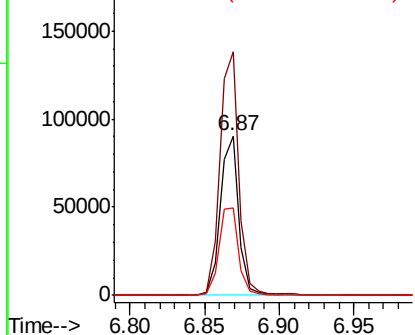
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112063.D
 Acq: 14 Jan 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-13(10-15)DL

Tgt Ion:152 Resp: 79023
 Ion Ratio Lower Upper
 152 100
 150 152.7 122.7 184.1
 115 54.5 45.2 67.8



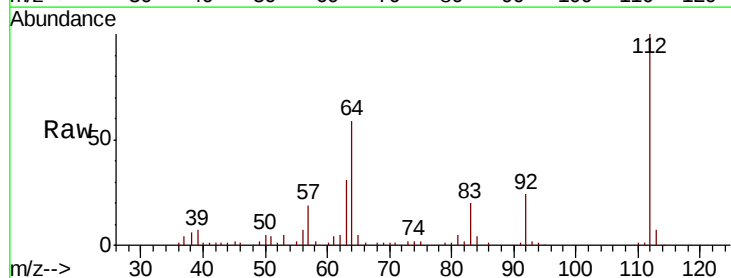
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



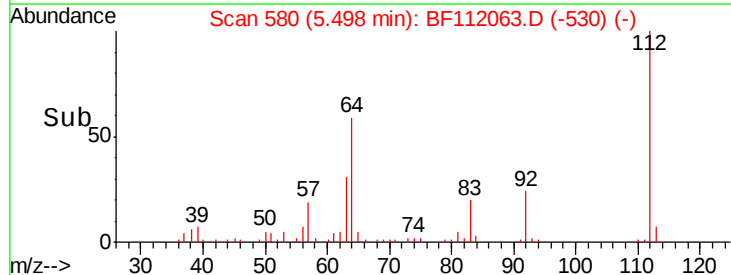
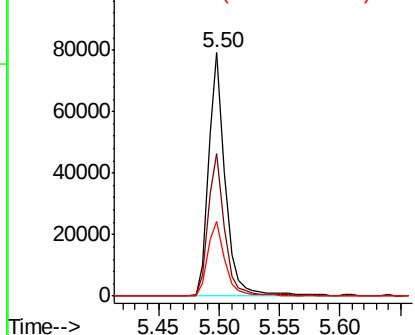
#5

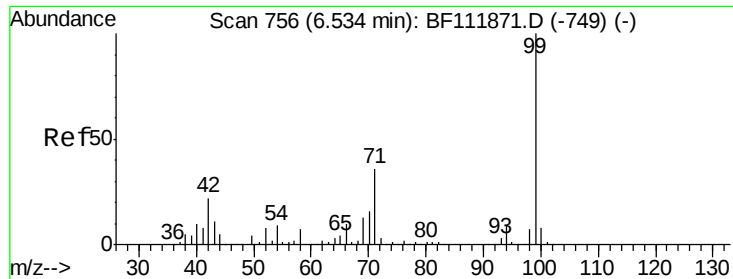
2-Fluorophenol
 Concen: 16.370 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF112063.D
 Acq: 14 Jan 2019 20:56

Tgt Ion:112 Resp: 75615
 Ion Ratio Lower Upper
 112 100
 64 58.6 48.3 72.5
 63 30.8 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: 16.321 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

Instrument :

BNA_F

ClientSampleId :

CPSB-13(10-15)DL

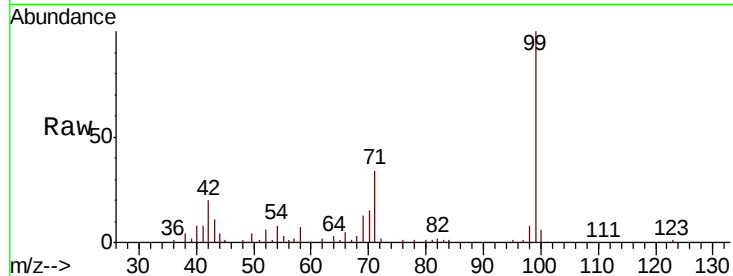
Tgt Ion: 99 Resp: 97166

Ion Ratio Lower Upper

99 100

42 19.5 17.9 26.9

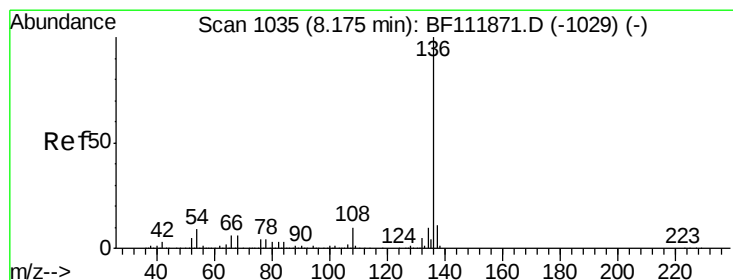
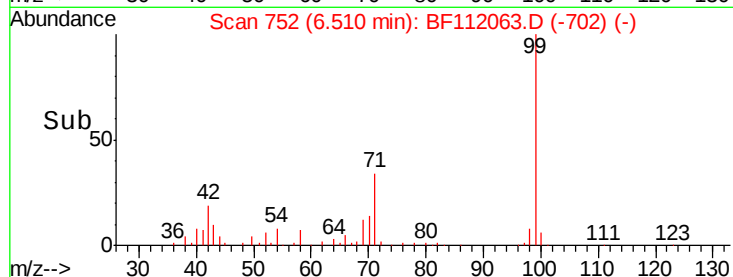
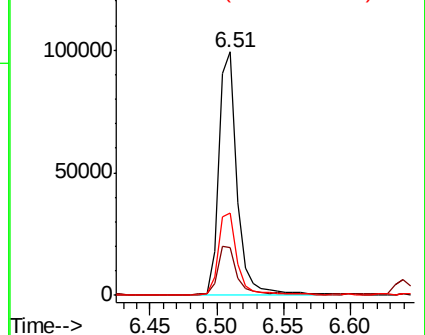
71 34.0 28.7 43.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

Tgt Ion: 136 Resp: 277476

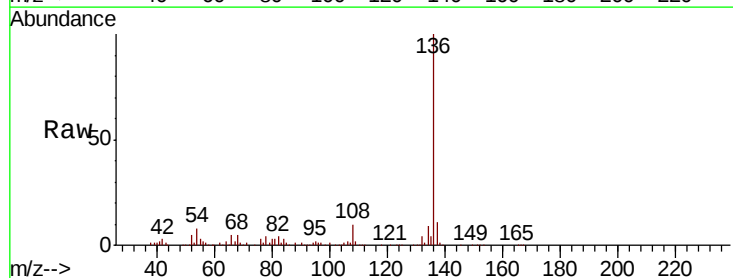
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.3 7.2 10.8

68 5.1 4.4 6.6

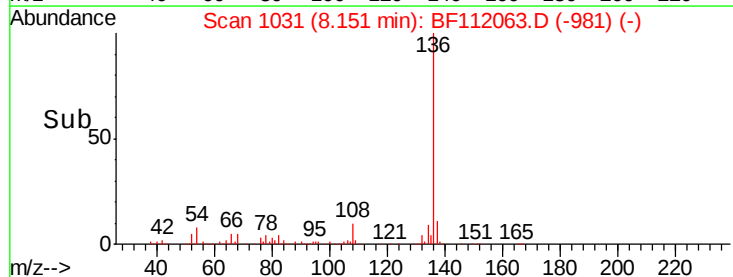
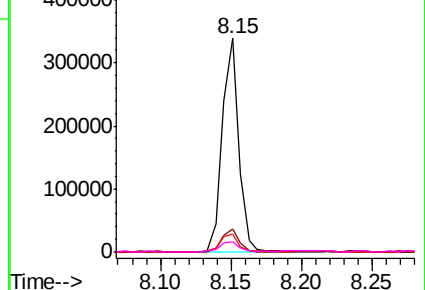


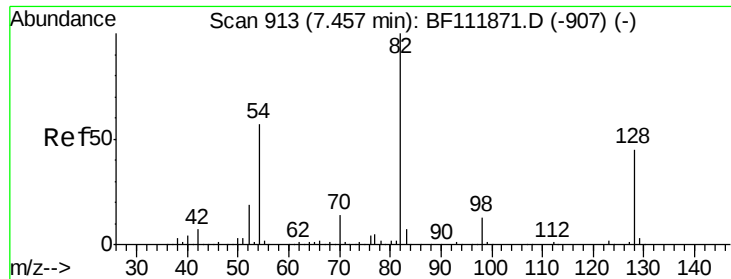
Abundance Ion 136.00 (135.70 to 136.70): E

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

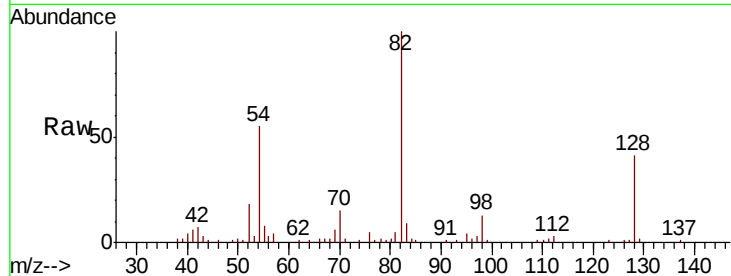




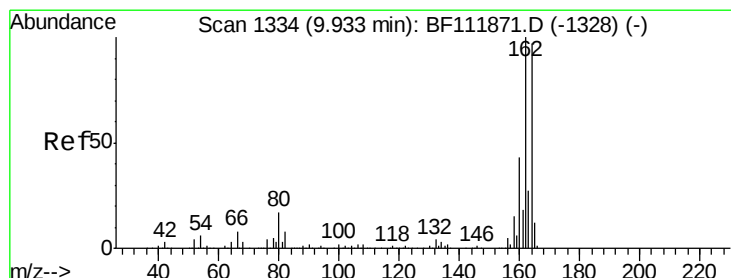
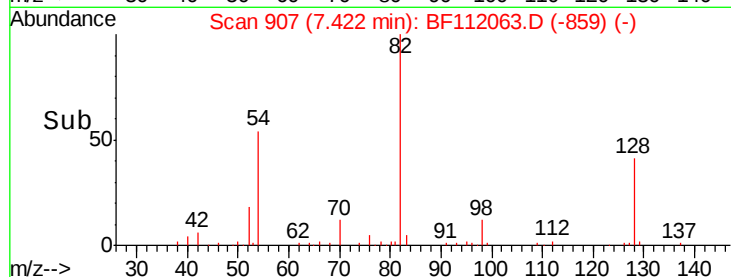
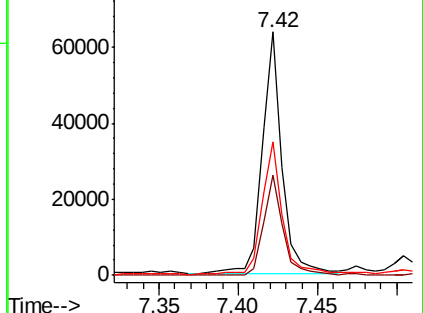
#23
Nitrobenzene-d5
Concen: 10.599 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)DL

Tgt Ion: 82 Resp: 55028
Ion Ratio Lower Upper
82 100
128 41.1 35.7 53.5
54 55.0 45.8 68.8

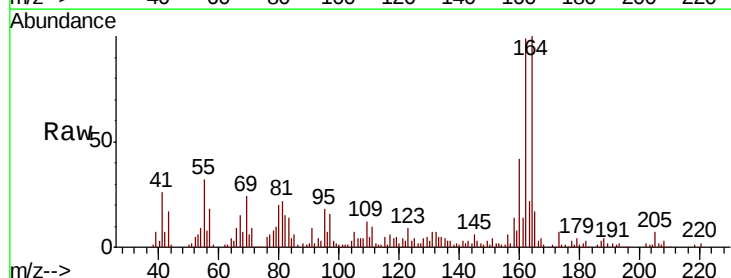


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

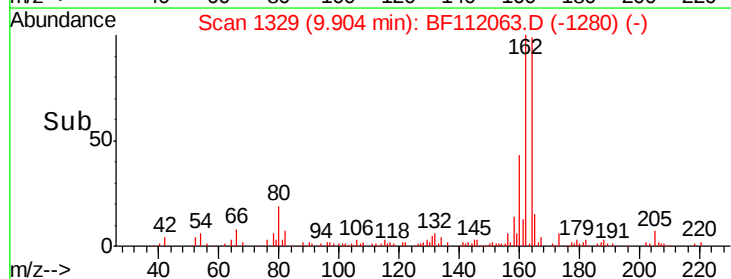
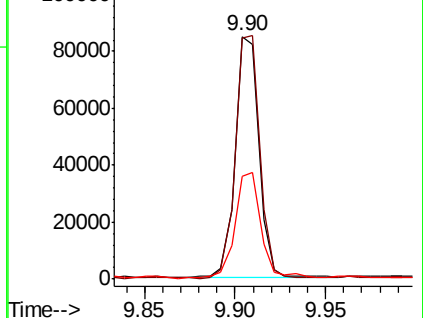


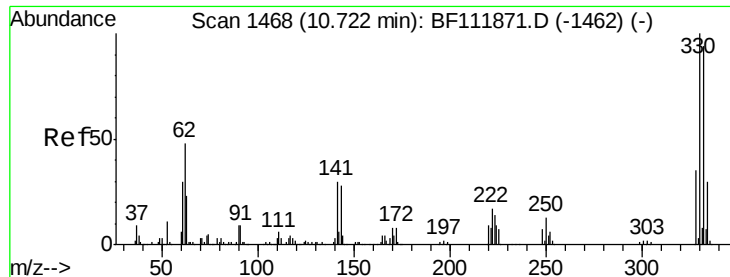
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Tgt Ion: 164 Resp: 77753
Ion Ratio Lower Upper
164 100
162 99.3 82.2 123.2
160 42.3 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: 9.950 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

Instrument :

BNA_F

ClientSampleId :

CPSB-13(10-15)DL

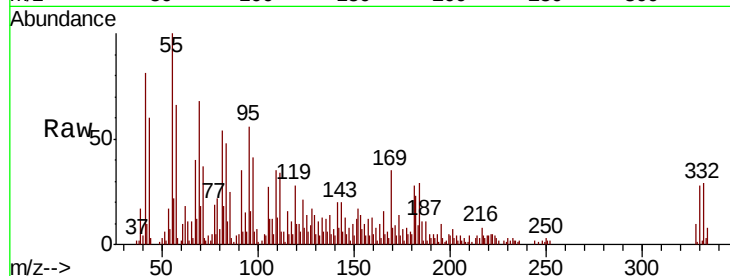
Tgt Ion:330 Resp: 10063

Ion Ratio Lower Upper

330 100

332 101.4 76.9 115.3

141 33.3 23.7 35.5

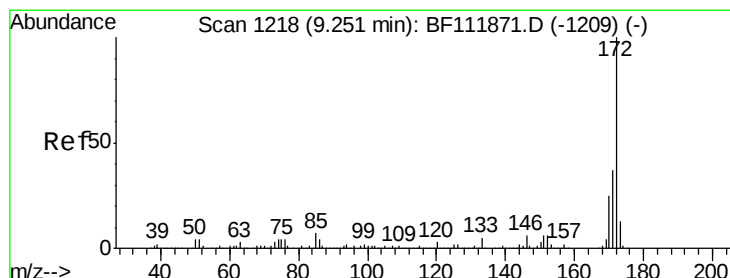
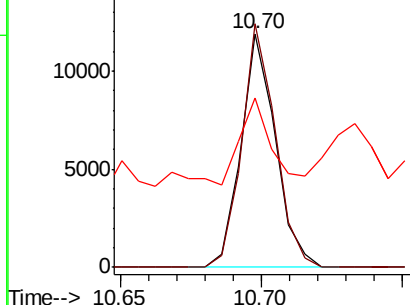
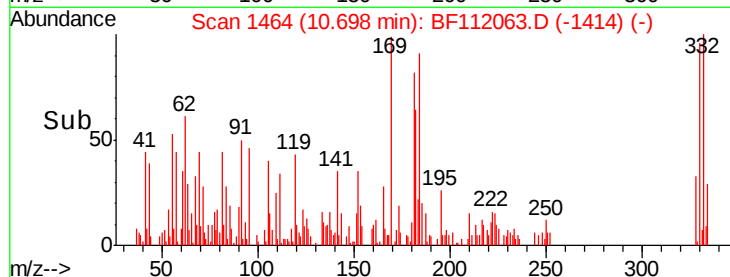


Abundance

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: 10.148 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

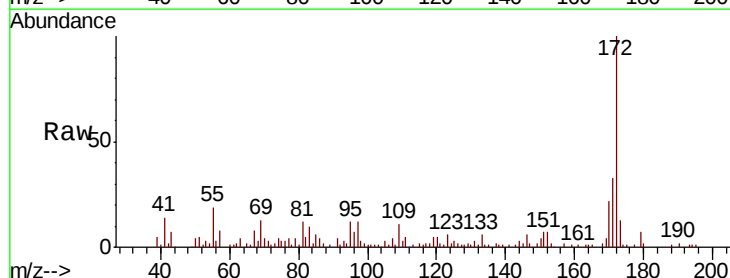
Tgt Ion:172 Resp: 54108

Ion Ratio Lower Upper

172 100

171 33.4 29.6 44.4

170 21.8 19.8 29.8

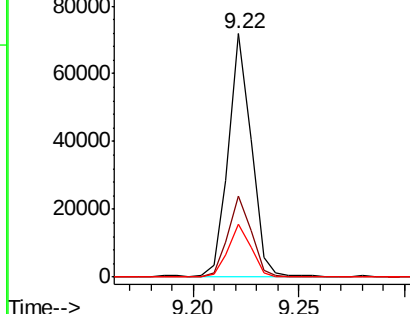
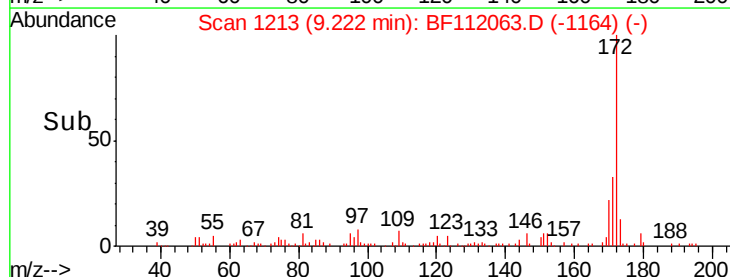


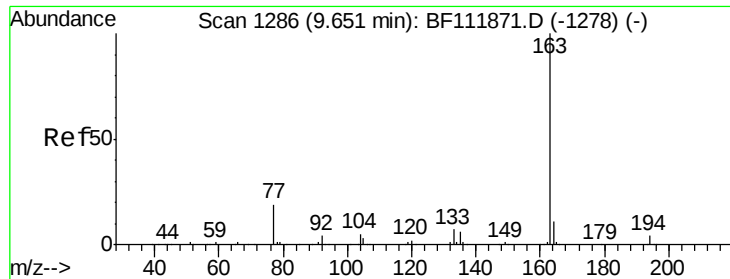
Abundance

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

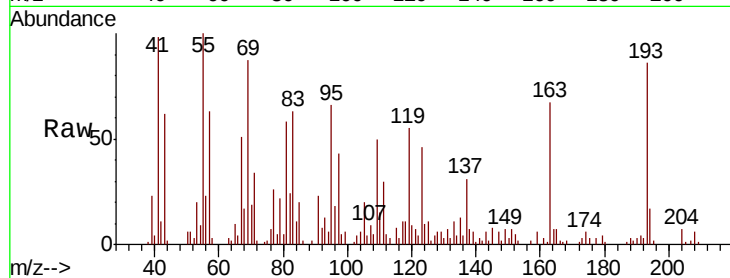




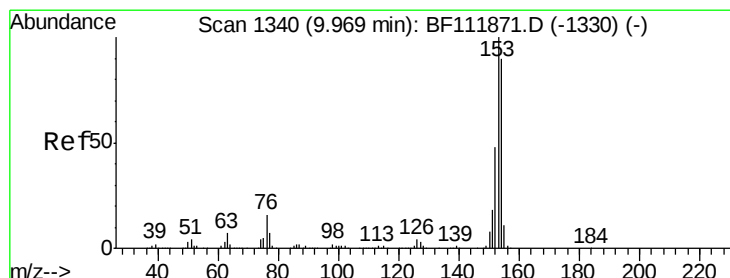
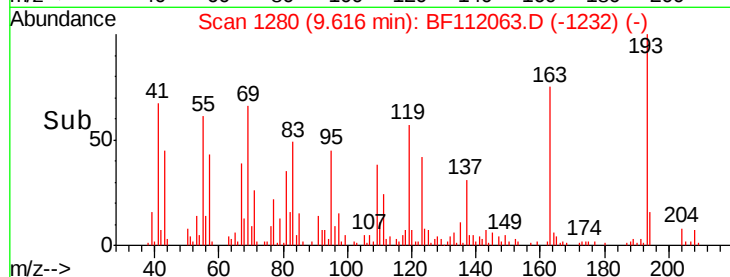
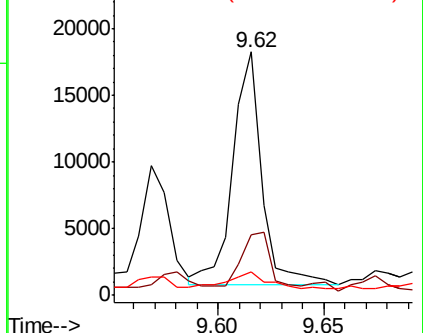
#50
Dimethylphthalate
Concen: 2.809 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)DL

Tgt Ion:163 Resp: 16405
Ion Ratio Lower Upper
163 100
194 25.0 3.4 5.2#
164 9.7 8.5 12.7

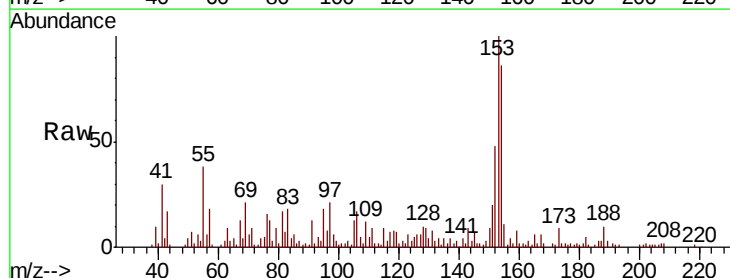


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

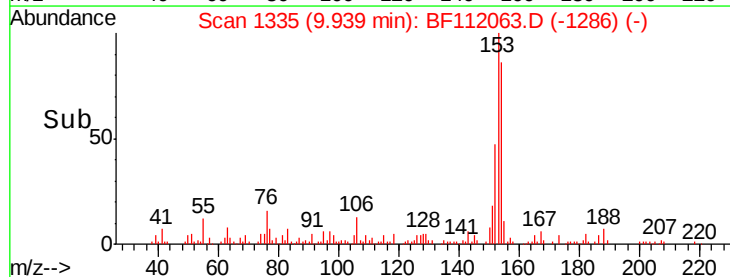
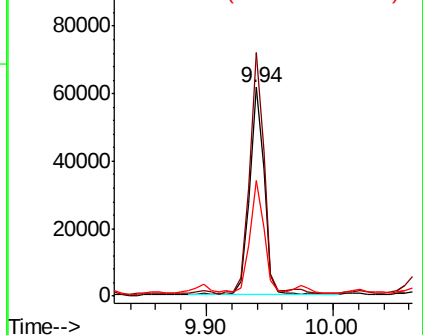


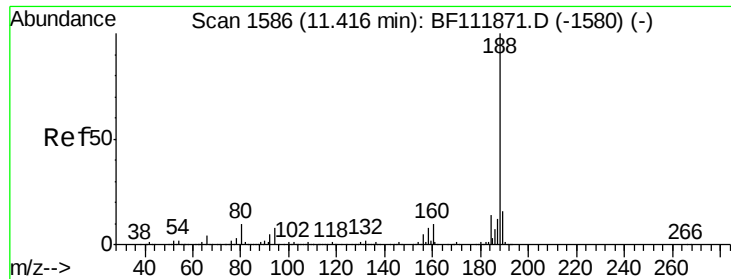
#52
Acenaphthene
Concen: 10.099 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Tgt Ion:154 Resp: 49131
Ion Ratio Lower Upper
154 100
153 116.7 89.4 134.0
152 55.5 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

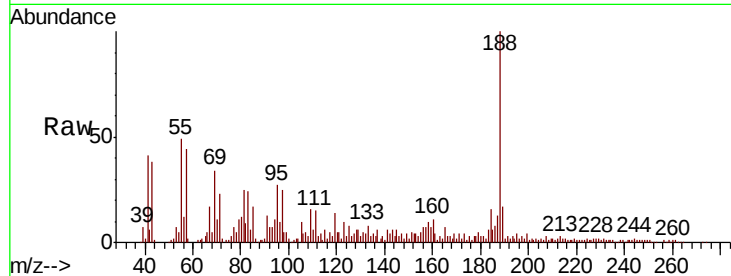




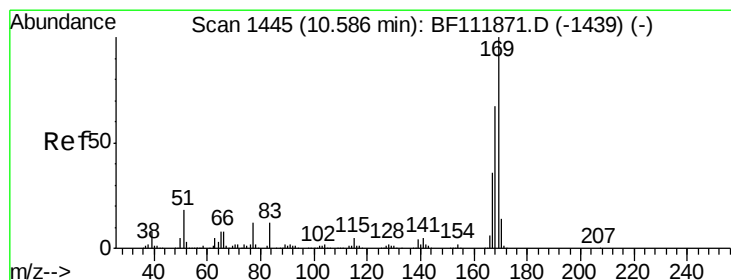
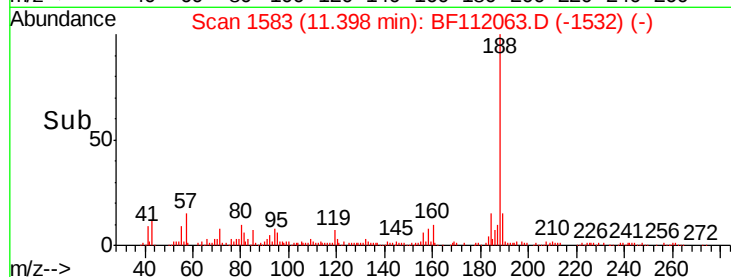
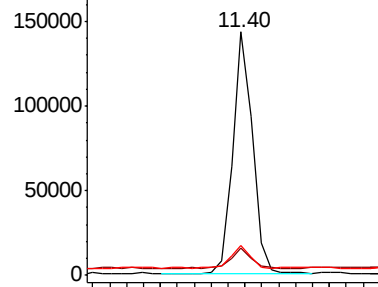
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)DL

Tgt Ion:188 Resp: 116883
Ion Ratio Lower Upper
188 100
94 11.2 6.6 10.0#
80 12.2 7.7 11.5#

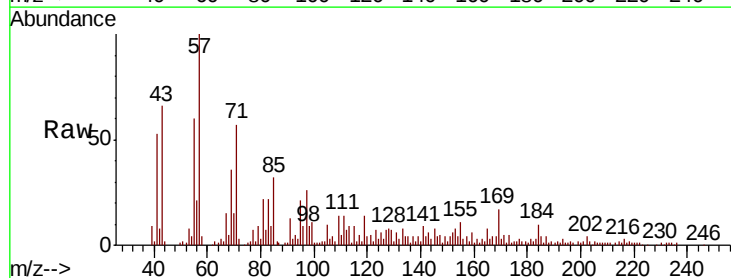


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

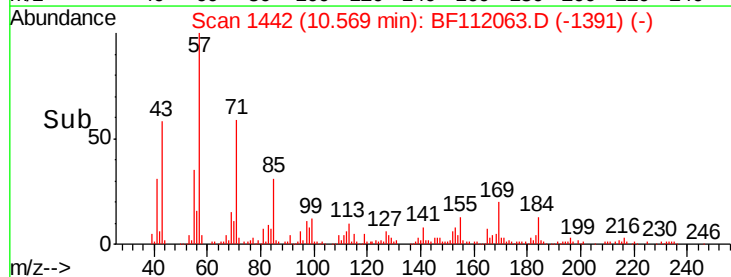
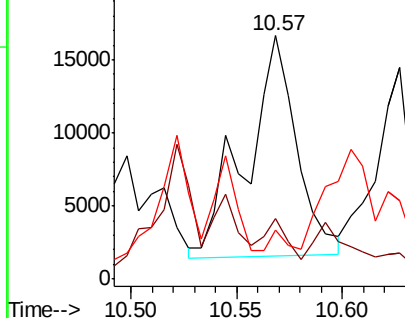


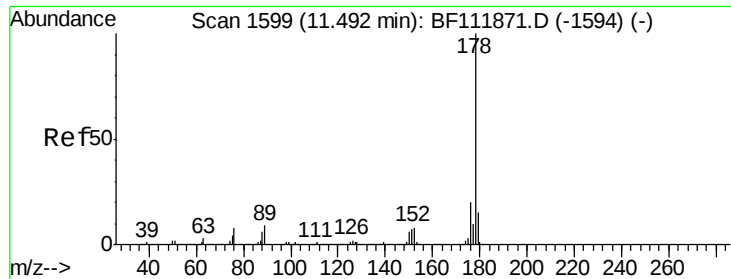
#66
n-Nitrosodiphenylamine
Concen: 6.396 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Tgt Ion:169 Resp: 25086
Ion Ratio Lower Upper
169 100
168 25.0 53.8 80.6#
167 20.3 29.1 43.7#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#72

Anthracene

Concen: 4.556 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

Instrument :

BNA_F

ClientSampleId :

CPSB-13(10-15)DL

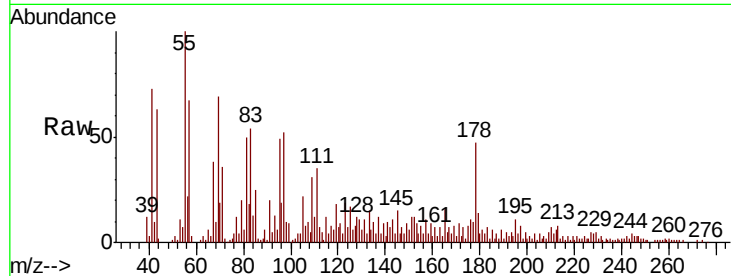
Tgt Ion:178 Resp: 28905

Ion Ratio Lower Upper

178 100

176 22.6 15.7 23.5

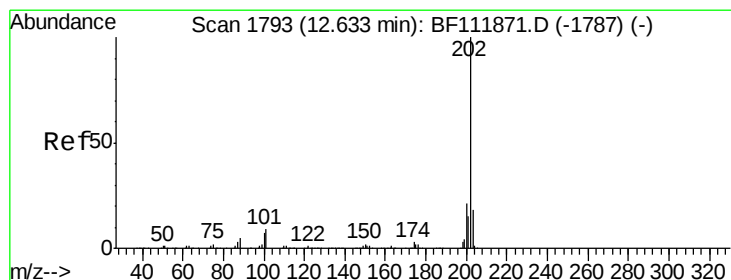
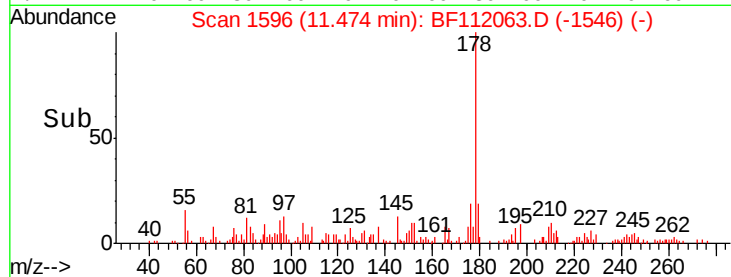
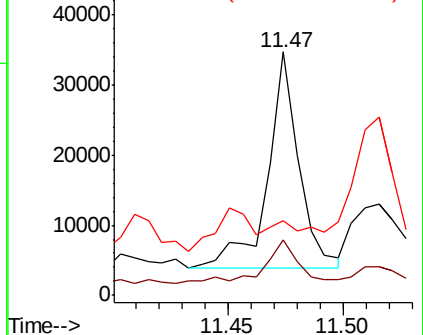
179 30.5 12.4 18.6#



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: 13.255 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

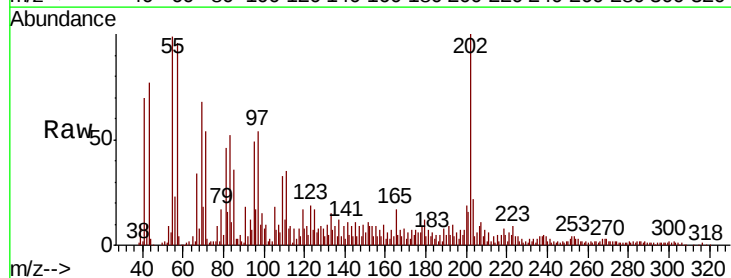
Tgt Ion:202 Resp: 85036

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.3

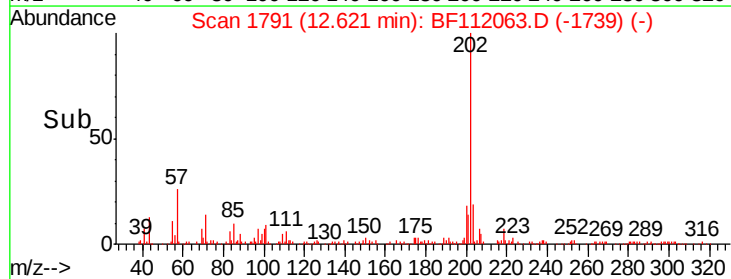
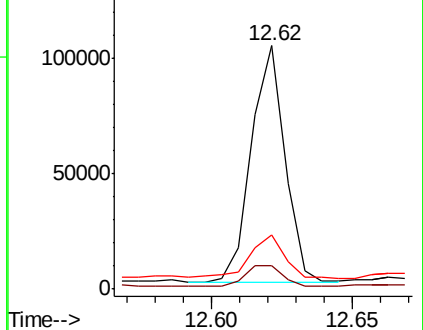
203 22.3 0.0 37.6

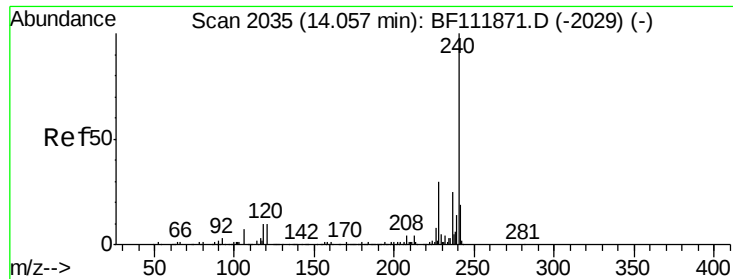


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

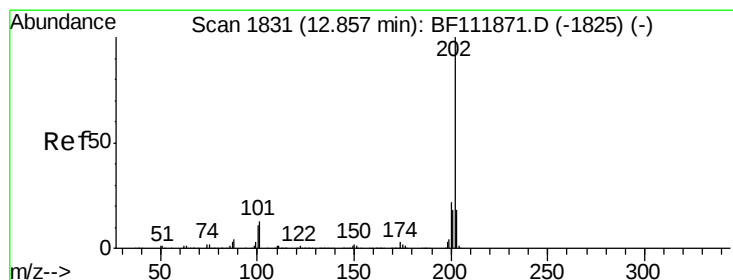
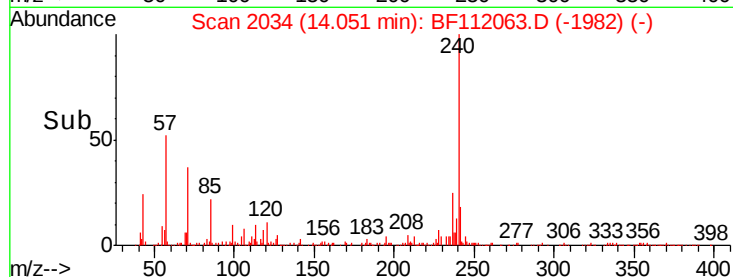
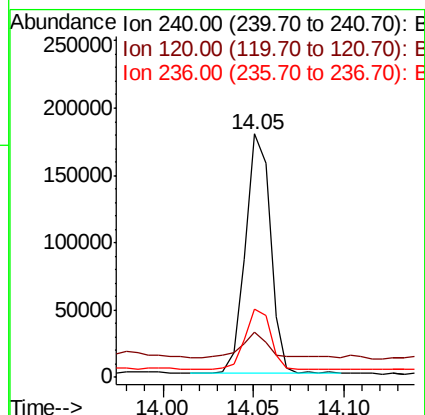
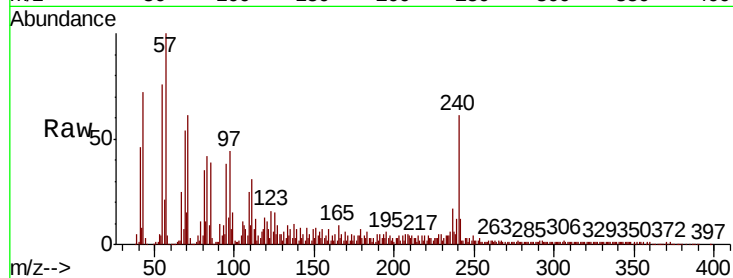




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

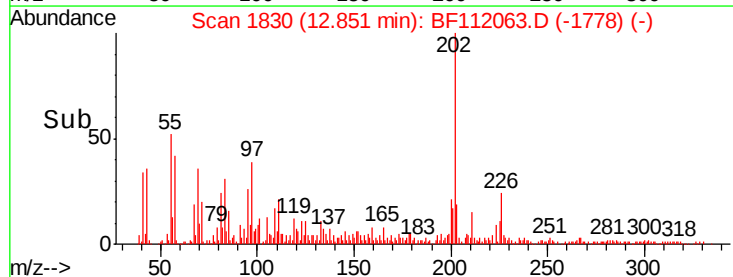
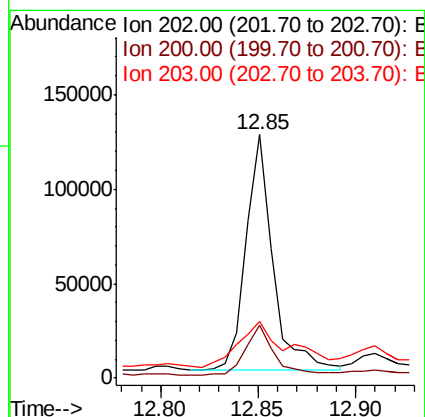
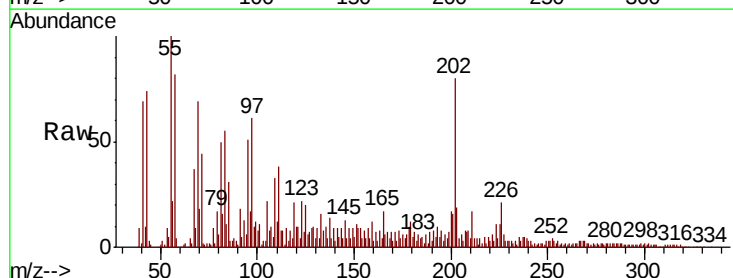
Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)DL

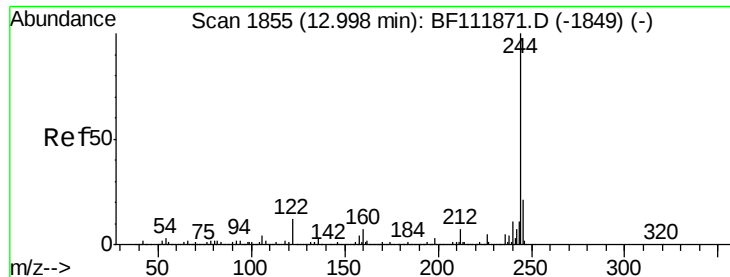
Tgt Ion:240 Resp: 171498
Ion Ratio Lower Upper
240 100
120 18.7 8.2 12.2#
236 27.8 20.2 30.4



#78
Pyrene
Concen: 10.200 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Tgt Ion:202 Resp: 120357
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 23.4 14.6 21.8#





#79

Terphenyl-d14

Concen: 7.074 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

Instrument :

BNA_F

ClientSampleId :

CPSB-13(10-15)DL

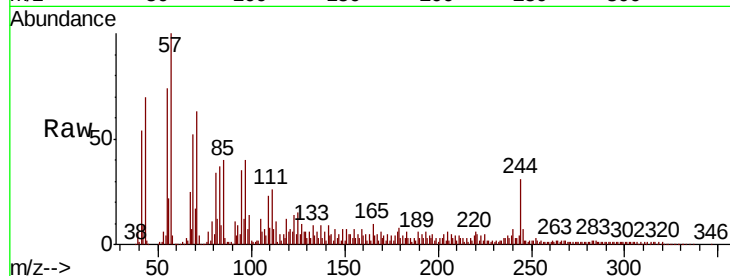
Tgt Ion:244 Resp: 63915

Ion Ratio Lower Upper

244 100

212 10.7 5.8 8.8#

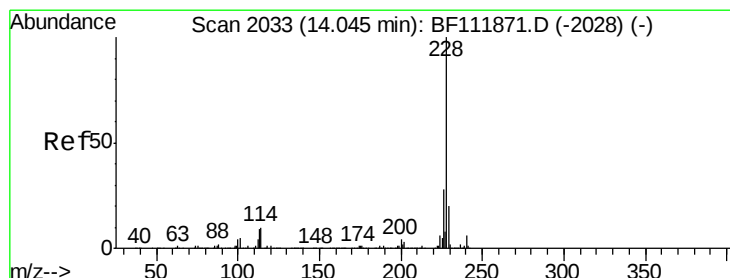
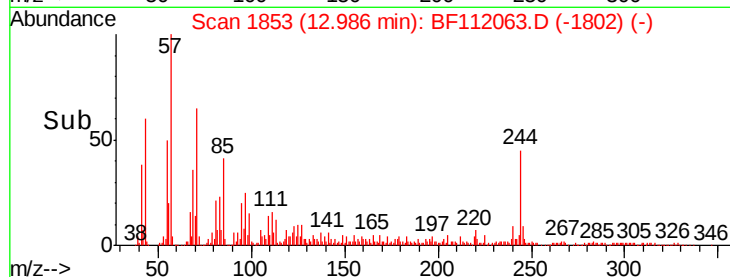
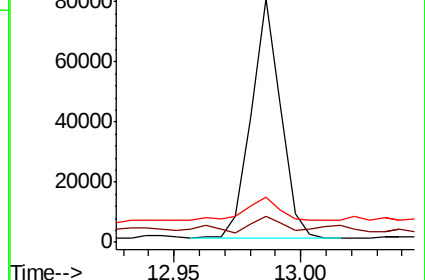
122 18.5 9.5 14.3#



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



#81

Benzo(a)anthracene

Concen: 3.388 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

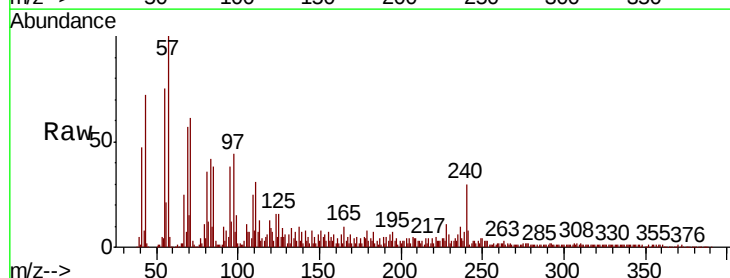
Tgt Ion:228 Resp: 33439

Ion Ratio Lower Upper

228 100

226 39.9 22.2 33.2#

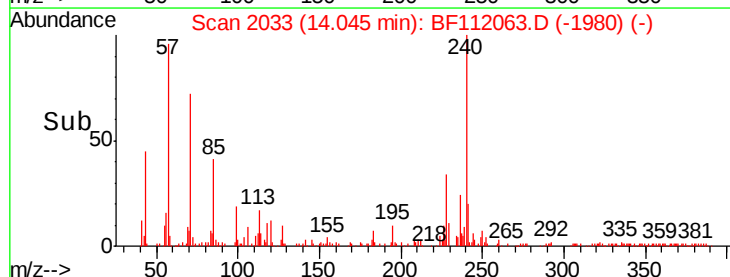
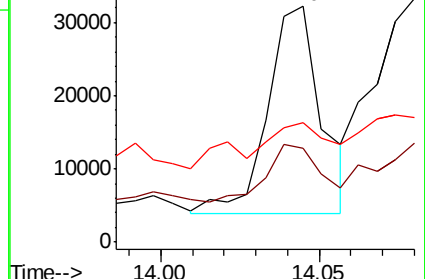
229 50.6 16.2 24.2#

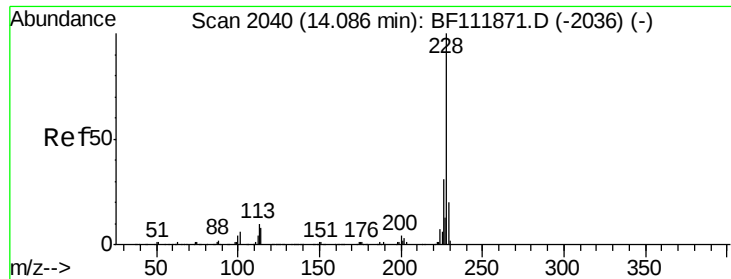


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 3.763 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

Instrument :

BNA_F

ClientSampleId :

CPSB-13(10-15)DL

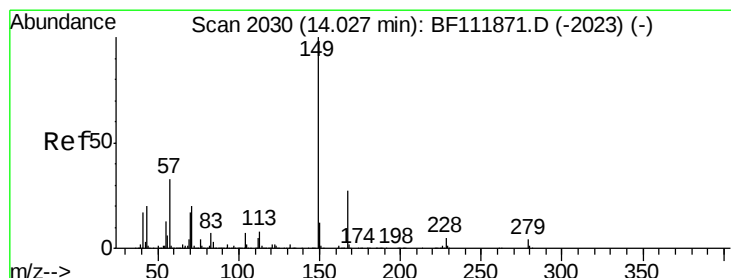
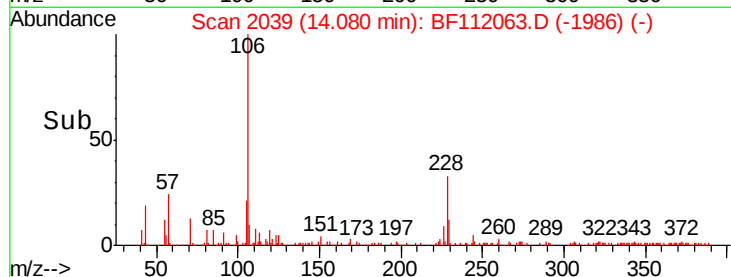
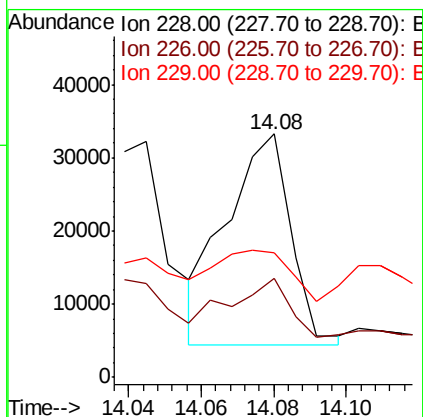
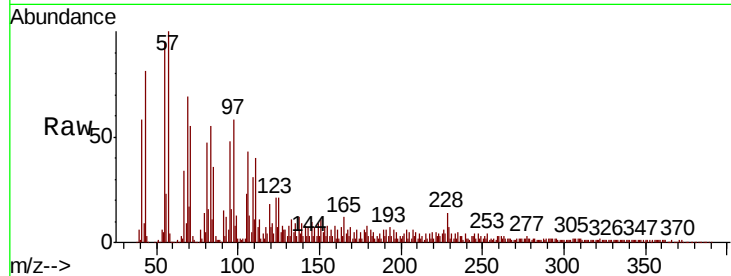
Tgt Ion:228 Resp: 35413

Ion Ratio Lower Upper

228 100

226 40.4 24.6 37.0#

229 51.3 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.693 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

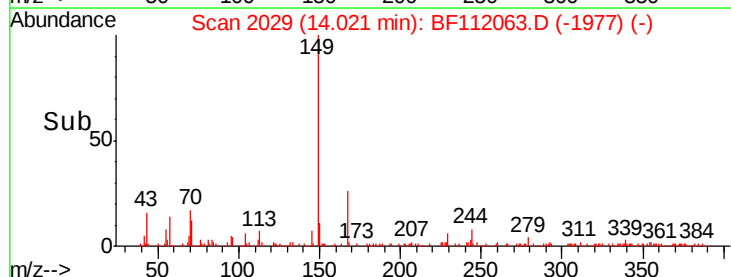
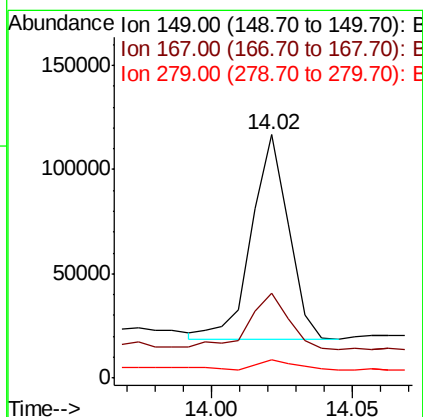
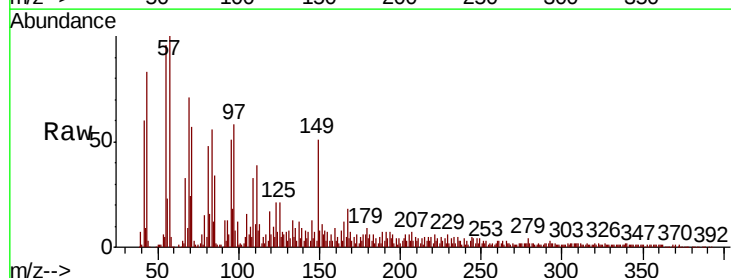
Tgt Ion:149 Resp: 89713

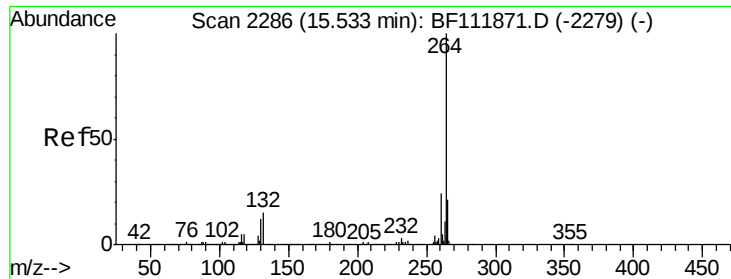
Ion Ratio Lower Upper

149 100

167 34.7 21.5 32.3#

279 7.3 3.0 4.6#

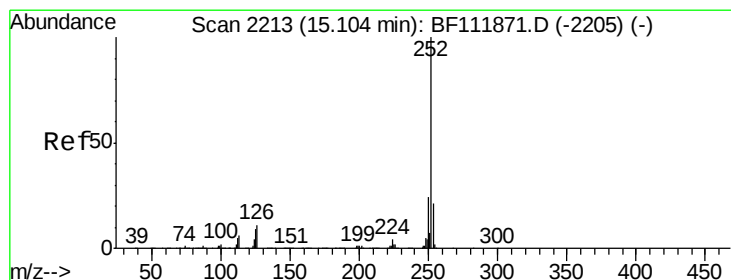
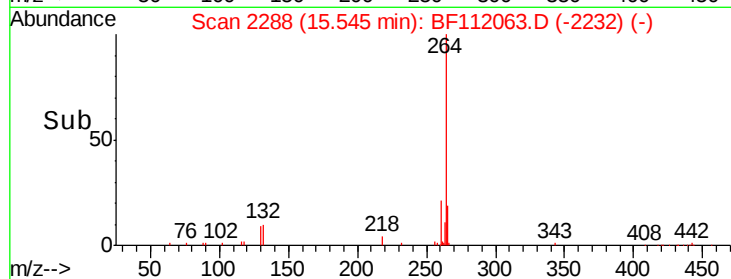
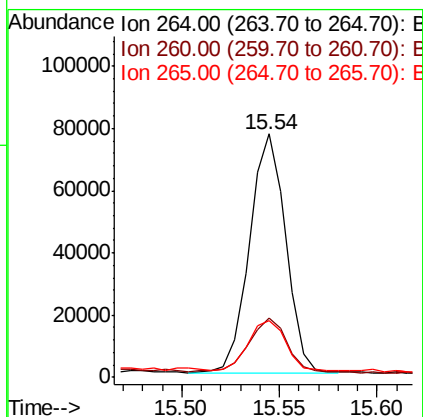
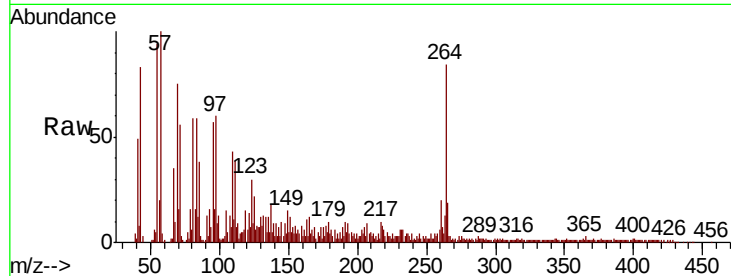




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

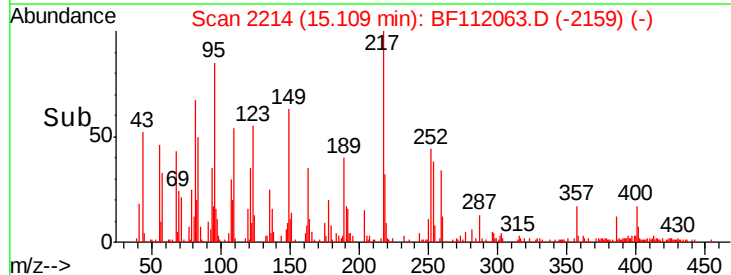
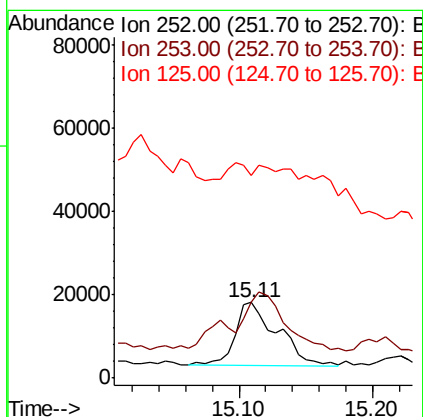
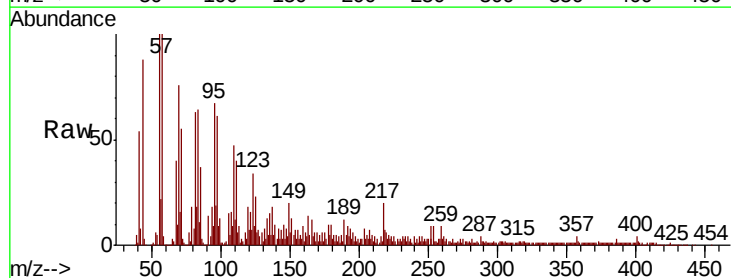
Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)DL

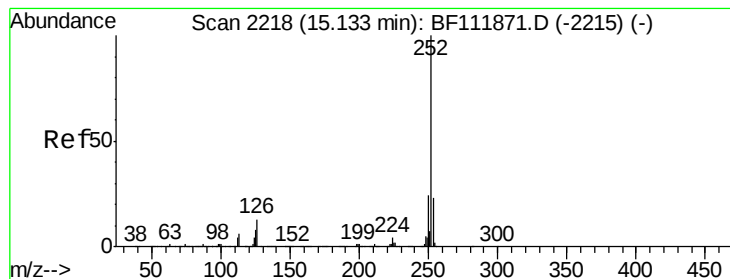
Tgt Ion:264 Resp: 98018
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 23.1 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 5.641 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF112063.D
Acq: 14 Jan 2019 20:56

Tgt Ion:252 Resp: 33078
Ion Ratio Lower Upper
252 100
253 101.0 17.0 25.6#
125 268.1 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 6.002 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

Instrument :

BNA_F

ClientSampleId :

CPSB-13(10-15)DL

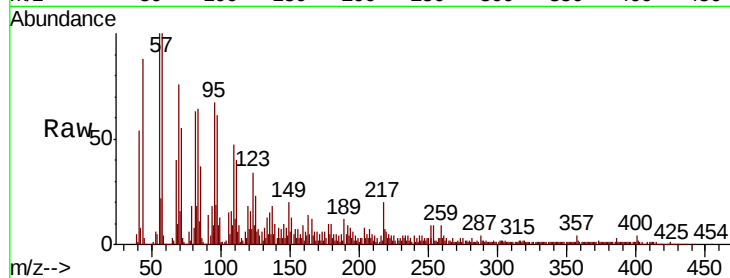
Tgt Ion:252 Resp: 33078

Ion Ratio Lower Upper

252 100

253 101.0 17.8 26.6#

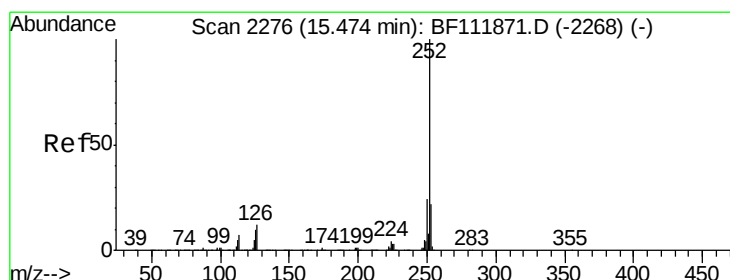
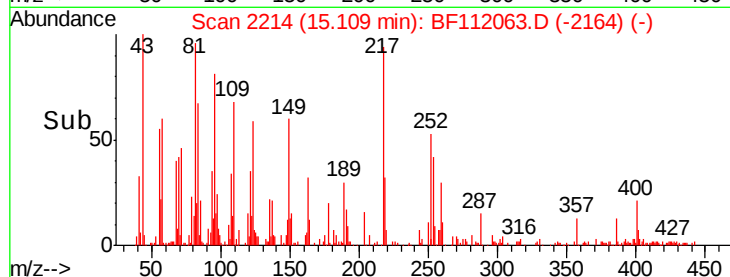
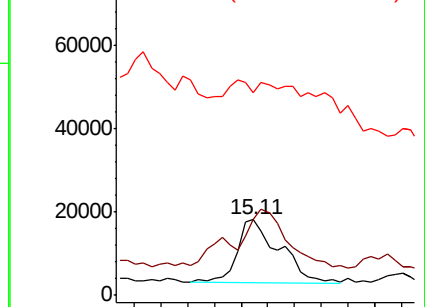
125 268.1 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.849 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF112063.D

Acq: 14 Jan 2019 20:56

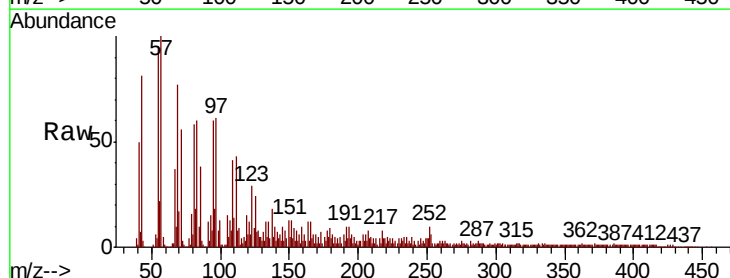
Tgt Ion:252 Resp: 14689

Ion Ratio Lower Upper

252 100

253 59.7 17.4 26.2#

125 247.2 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

