

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112059.D
 Acq On : 14 Jan 2019 19:08
 Operator : JU/SJ
 Sample : K1135-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

Quant Time: Jan 14 21:06:02 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	6.88	152	157447	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	388735	20.00	ng	0.05
39) Acenaphthene-d10	9.96	164	131538	20.00	ng	0.05
64) Phenanthrene-d10	11.40	188	288703	20.00	ng	0.00
76) Chrysene-d12	14.04	240	277813	20.00	ng	0.00
87) Perylene-d12	15.53	264	260834	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	873561	94.92	ng	0.00
7) Phenol-d6	6.52	99	1130056	95.27	ng	0.00
23) Nitrobenzene-d5	7.44	82	687367	94.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	187993	109.88	ng	0.02
45) 2-Fluorobiphenyl	9.28	172	645538	71.56	ng	0.05
79) Terphenyl-d14	12.98	244	932656	63.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.56	93	39335	2.743	ng	# 1
9) Benzaldehyde	6.43	77	78489	8.594	ng	# 9
10) Phenol	6.53	94	29826	2.314	ng	# 46
13) 1,4-Dichlorobenzene	6.90	146	68553	5.702	ng	# 1
15) Benzyl Alcohol	7.00	79	79131	8.432	ng	# 59
18) Hexachloroethane	7.46	117	1505206	358.607	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	241974	31.397	ng	# 69
22) Acetophenone	7.23	105	960985	97.646	ng	# 66
24) Nitrobenzene	7.46	77	475905	64.680	ng	# 61
25) Isophorone	7.72	82	858902	72.924	ng	# 1
26) 2-Nitrophenol	7.89	139	184471	50.919	ng	# 1
27) 2,4-Dimethylphenol	7.87	122	125107	23.884	ng	# 14
28) bis(2-Chloroethoxy)methane	7.96	93	53059	6.749	ng	# 1
29) 2,4-Dichlorophenol	8.05	162	91539	15.197	ng	# 1
30) 1,2,4-Trichlorobenzene	8.10	180	50908	7.661	ng	# 59
31) Naphthalene	8.24	128	157762	8.549	ng	# 1
32) Benzoic acid	8.00	122	92949	27.344	ng	# 1
33) 4-Chloroaniline	8.24	127	57384	7.194	ng	# 1
35) Caprolactam	8.67	113	817448	415.376	ng	# 16
36) 4-Chloro-3-methylphenol	8.77	107	45071	7.526	ng	# 30
38) 1-Methylnaphthalene	9.03	142	73424	6.695	ng	# 1
43) 2,4,6-Trichlorophenol	9.22	196	31851	11.198	ng	# 14
44) 2,4,5-Trichlorophenol	9.22	196	31851	10.688	ng	# 1
46) 1,1'-Biphenyl	9.13	154	62535	5.683	ng	# 68
48) 2-Nitroaniline	9.52	65	19330	7.322	ng	# 1
49) Acenaphthylene	9.83	152	39921	3.127	ng	# 1
50) Dimethylphthalate	9.66	163	216098	21.870	ng	# 75
51) 2,6-Dinitrotoluene	9.75	165	52541	23.778	ng	# 84
52) Acenaphthene	10.00	154	194427	23.623	ng	# 76
53) 3-Nitroaniline	9.93	138	26961	11.394	ng	# 30
54) 2,4-Dinitrophenol	10.02	184	3113	3.327	ng	# 1
55) Dibenzofuran	10.16	168	228710	19.107	ng	# 52
56) 4-Nitrophenol	10.07	139	36620	21.902	ng	# 1
57) 2,4-Dinitrotoluene	10.16	165	37716	13.210	ng	# 57

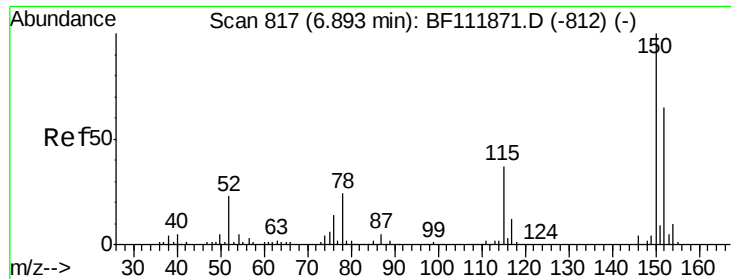
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112059.D
 Acq On : 14 Jan 2019 19:08
 Operator : JU/SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.53	166	45641	5.240	ng	# 1
62) 4-Nitroaniline	10.40	138	32902	14.659	ng	88
65) 4,6-Dinitro-2-methylphenol	10.50	198	5117	2.872	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	218142	22.516	ng	# 46
71) Phenanthrene	11.43	178	649986	42.110	ng	99
72) Anthracene	11.43	178	649986	41.482	ng	99
75) Fluoranthene	12.62	202	425940	26.880	ng	99
78) Pyrene	12.84	202	378018	19.776	ng	99
81) Benzo(a)anthracene	14.03	228	68996	4.315	ng	# 91
83) Chrysene	14.07	228	70348	4.615	ng	# 89
84) Bis(2-ethylhexyl)phthalate	14.02	149	300348	28.300	ng	# 98
88) Benzo(b)fluoranthene	15.10	252	83405	5.345	ng	# 12
89) Benzo(k)fluoranthene	15.10	252	83405	5.687	ng	# 15
90) Benzo(a)pyrene	15.47	252	34545	2.518	ng	# 9

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

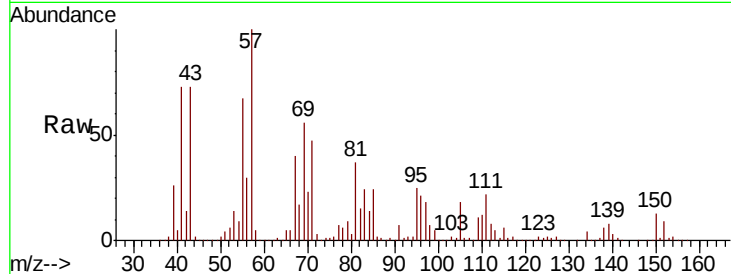


#1

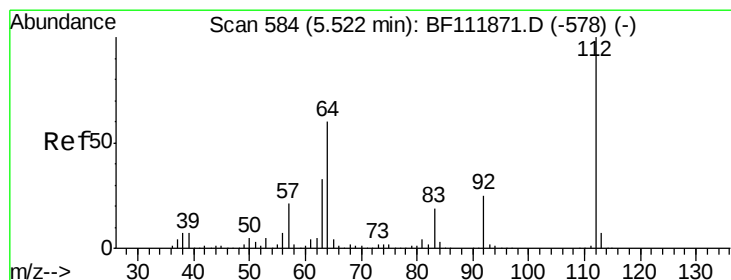
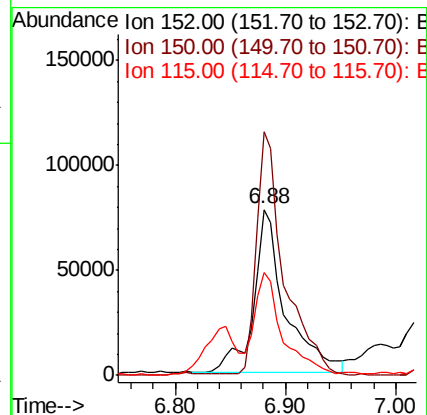
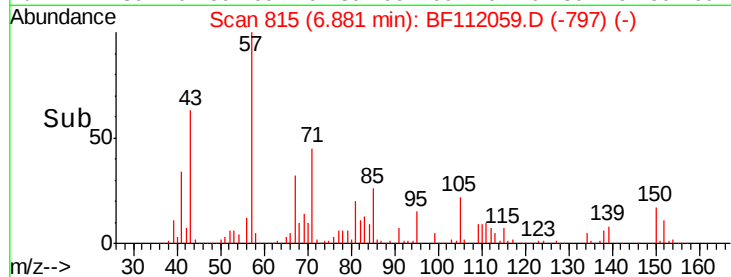
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

Tgt Ion:152 Resp: 157447
Ion Ratio Lower Upper
152 100
150 146.5 122.7 184.1
115 61.6 45.2 67.8



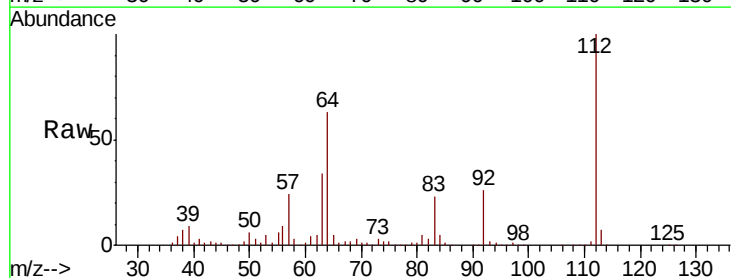
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



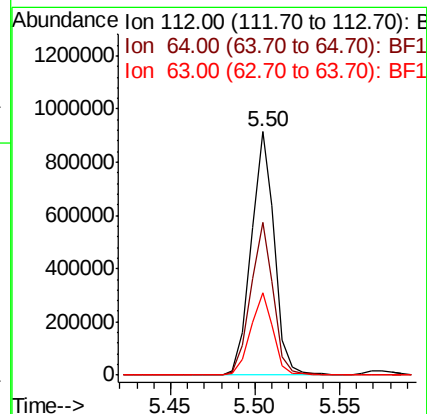
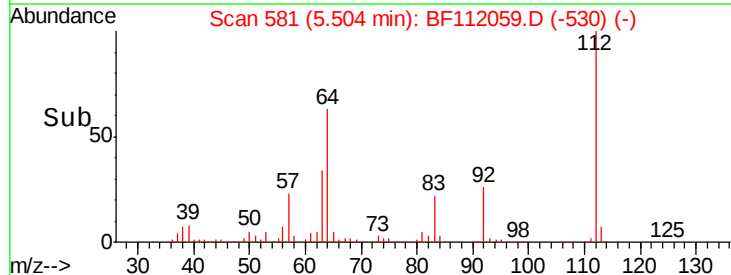
#5

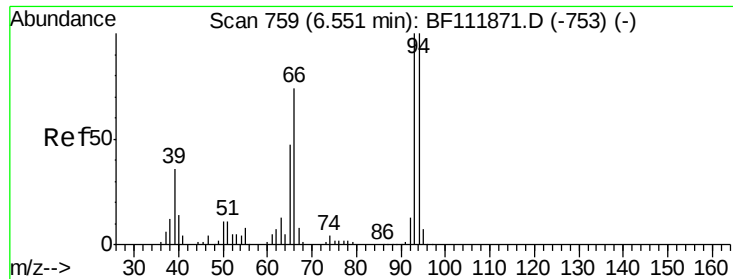
2-Fluorophenol
Concen: 94.921 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion:112 Resp: 873561
Ion Ratio Lower Upper
112 100
64 62.5 48.3 72.5
63 33.8 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





#6

Aniline

Concen: 2.743 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

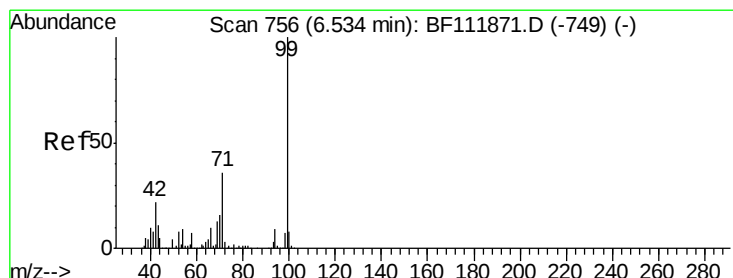
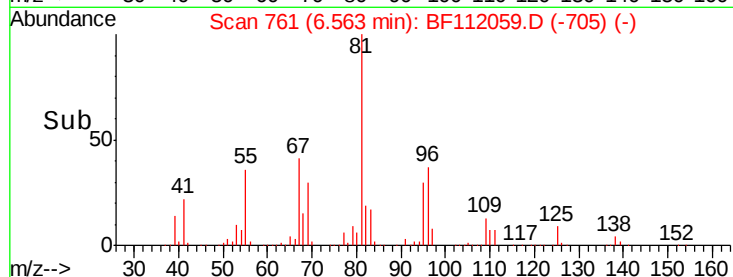
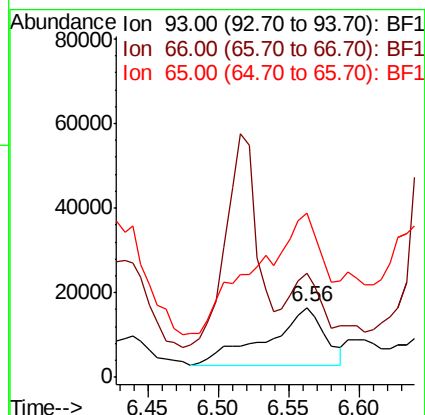
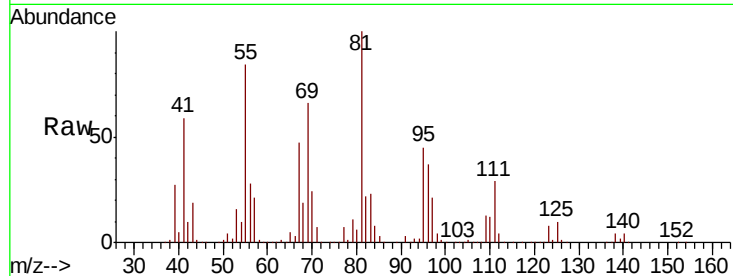
Tgt Ion: 93 Resp: 39335

Ion Ratio Lower Upper

93 100

66 148.4 60.0 90.0#

65 235.5 37.5 56.3#



#7

Phenol-d6

Concen: 95.270 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

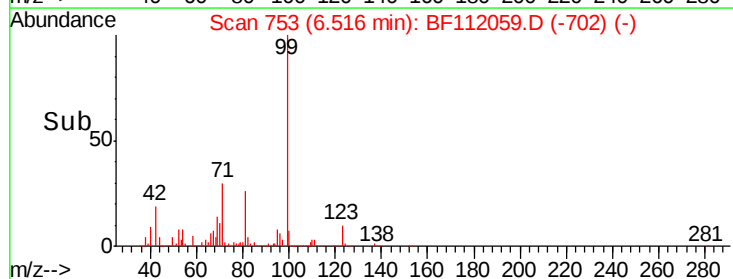
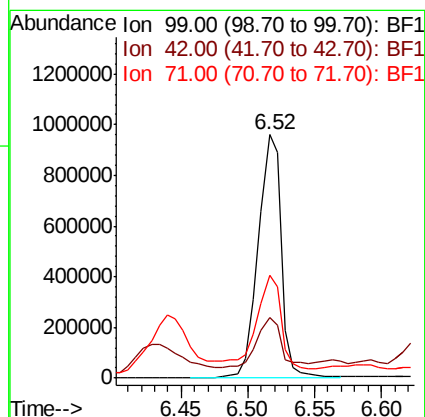
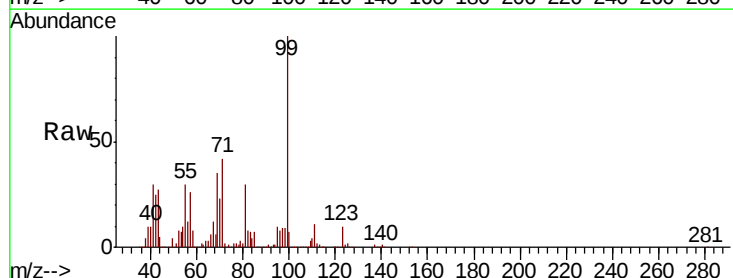
Tgt Ion: 99 Resp: 1130056

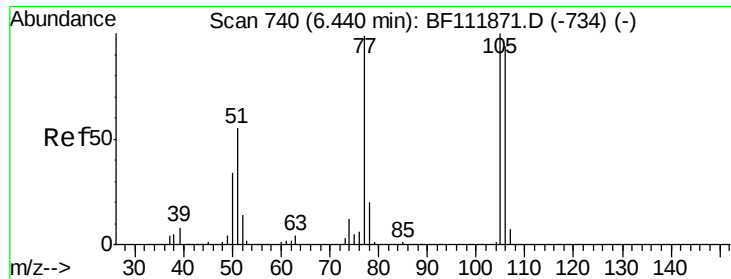
Ion Ratio Lower Upper

99 100

42 24.7 17.9 26.9

71 42.3 28.7 43.1





#9

Benzaldehyde

Concen: 8.594 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

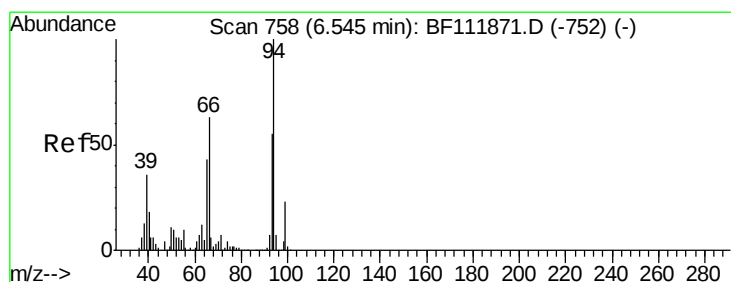
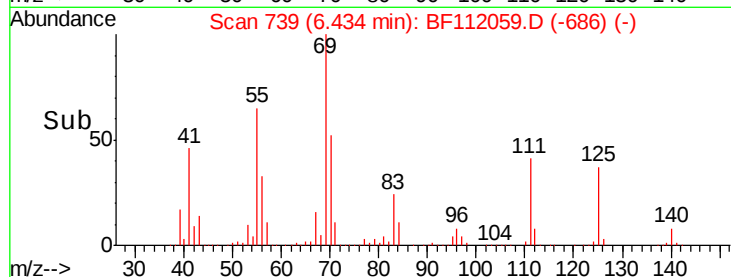
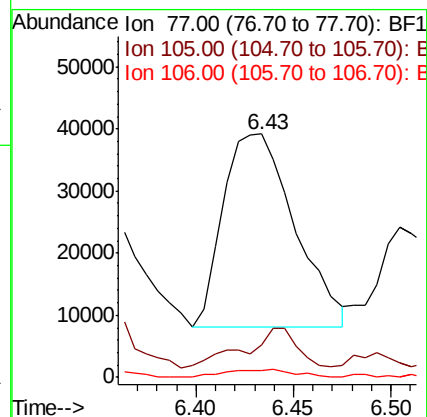
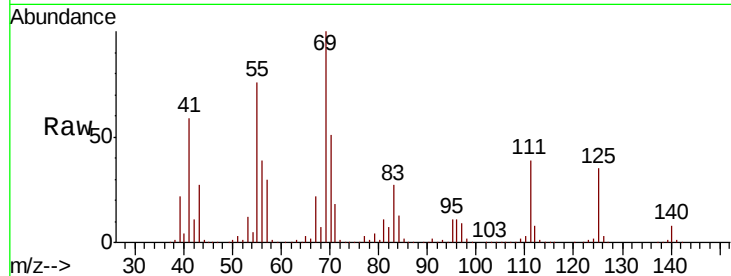
Tgt Ion: 77 Resp: 78489

Ion Ratio Lower Upper

77 100

105 13.5 80.6 120.6#

106 2.9 74.6 114.6#



#10

Phenol

Concen: 2.314 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

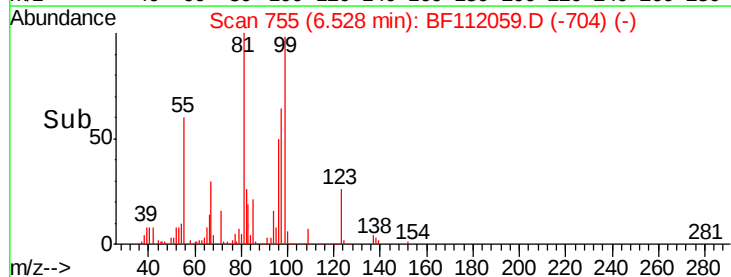
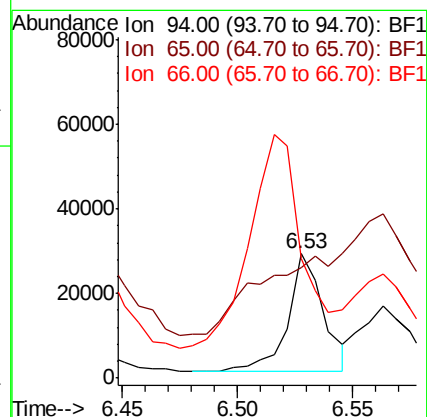
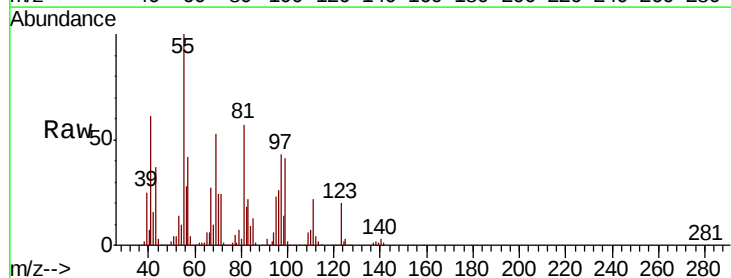
Tgt Ion: 94 Resp: 29826

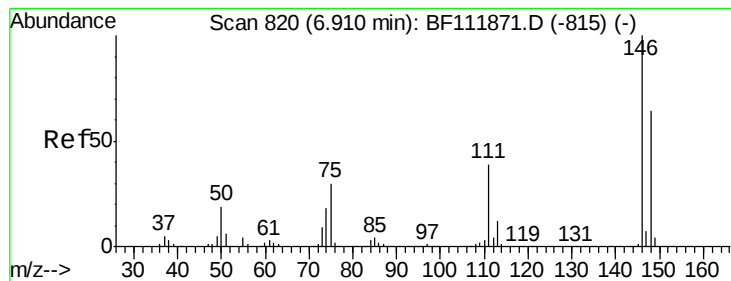
Ion Ratio Lower Upper

94 100

65 89.3 22.8 62.8#

66 95.9 43.3 83.3#





#13

1,4-Dichlorobenzene

Concen: 5.702 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

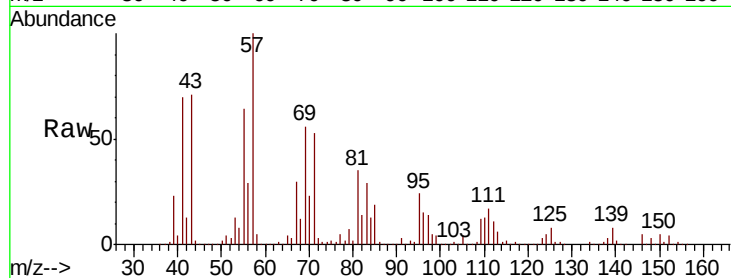
Tgt Ion: 146 Resp: 68553

Ion Ratio Lower Upper

146 100

148 60.8 51.2 76.8

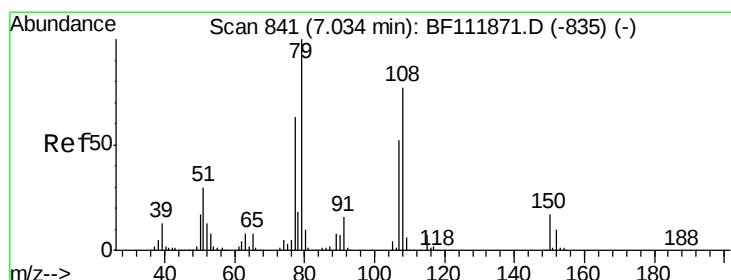
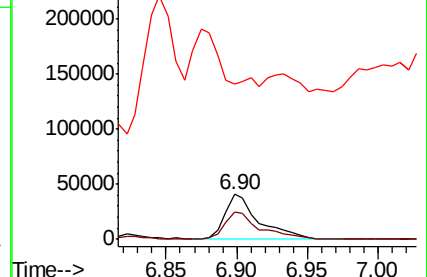
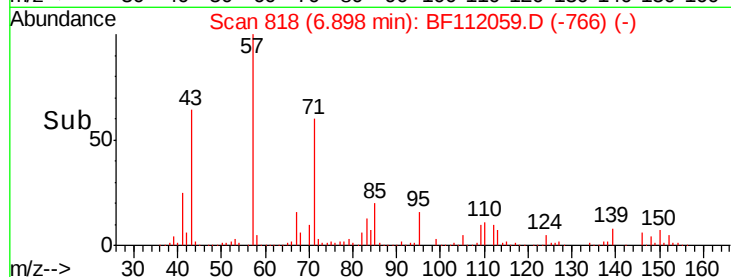
111 347.3 31.5 47.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 8.432 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

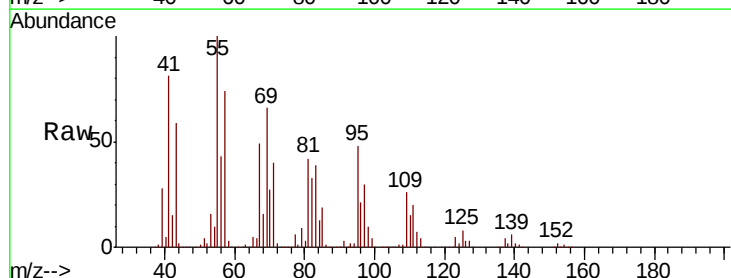
Tgt Ion: 79 Resp: 79131

Ion Ratio Lower Upper

79 100

108 13.7 61.4 92.0#

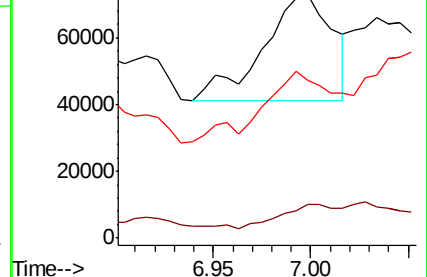
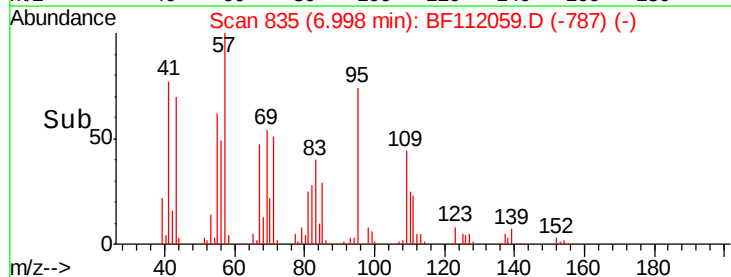
77 65.1 50.4 75.6

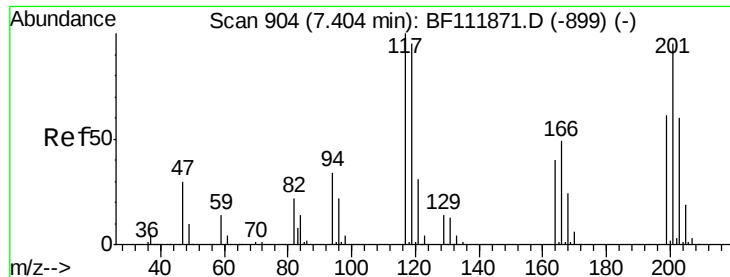


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

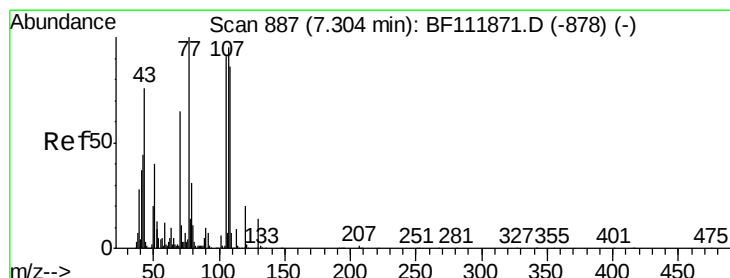
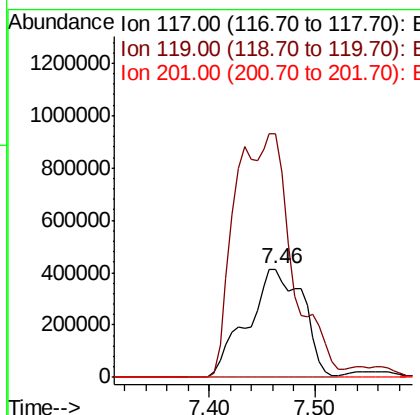
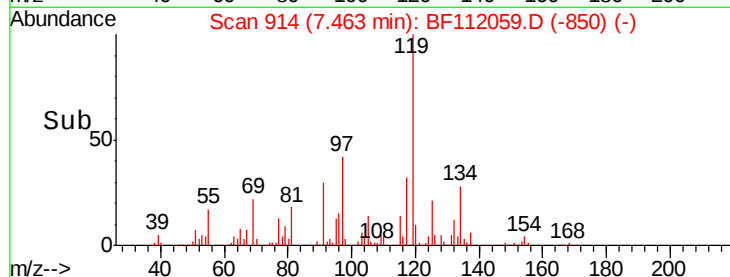
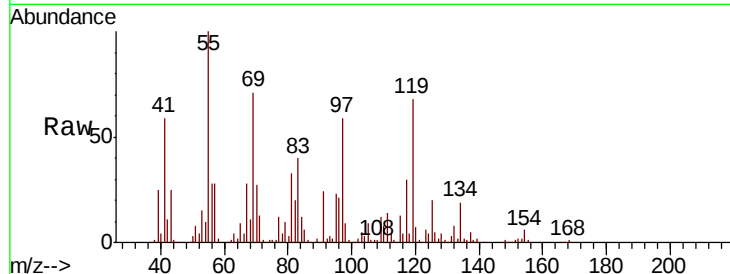




#18
Hexachloroethane
Concen: 358.607 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.08 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

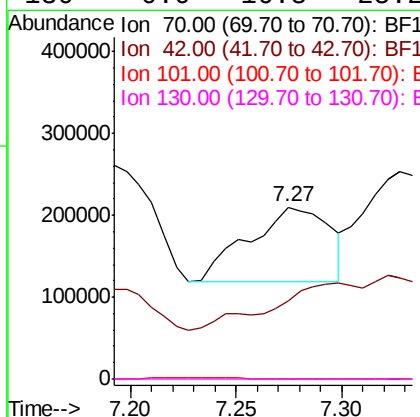
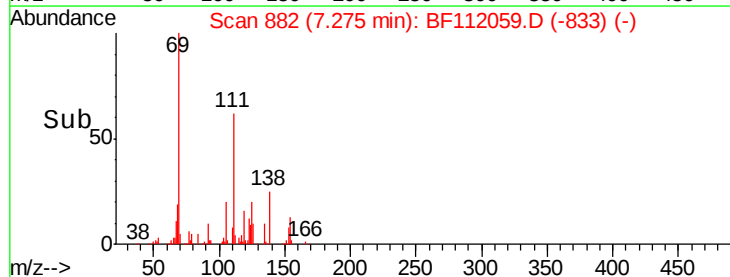
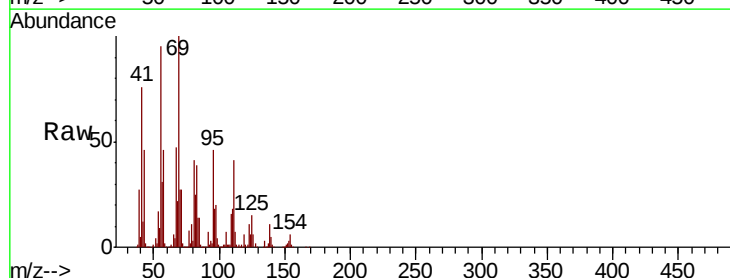
Instrument :
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CPSB-19(10-15)

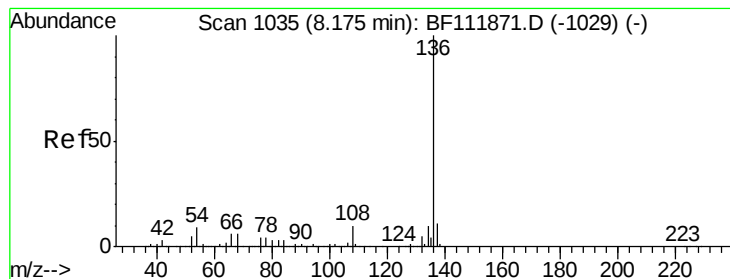
Tgt Ion:117 Resp: 1505206
Ion Ratio Lower Upper
117 100
119 224.8 76.2 114.2#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 31.397 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion: 70 Resp: 241974
Ion Ratio Lower Upper
70 100
42 45.5 53.6 80.4#
101 0.2 7.3 10.9#
130 0.0 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.05 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

Tgt Ion:136 Resp: 388735

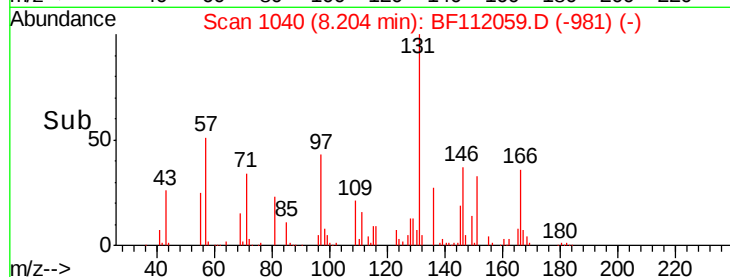
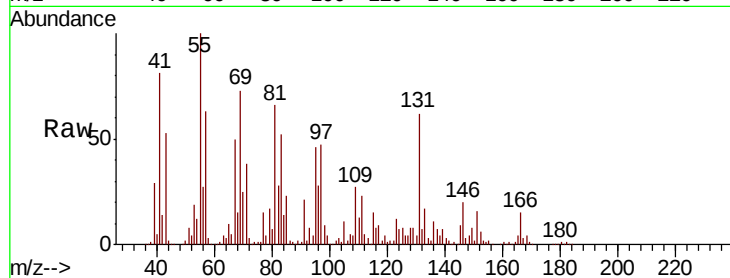
Ion Ratio Lower Upper

136 100

137 62.6 9.1 13.7#

54 107.5 7.2 10.8#

68 135.0 4.4 6.6#

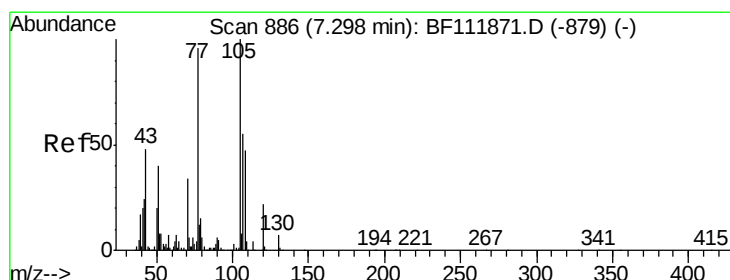
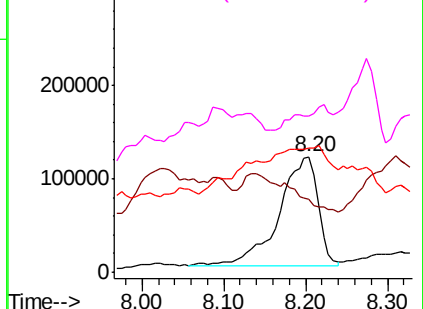


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 97.646 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.05 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Tgt Ion:105 Resp: 960985

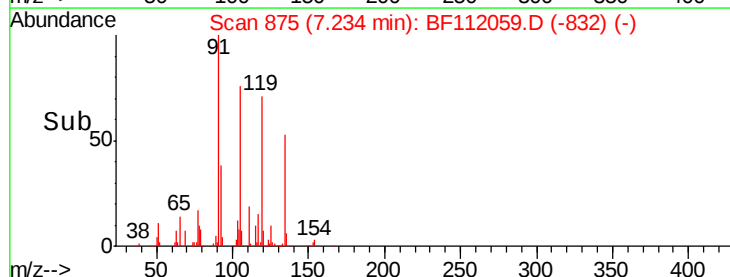
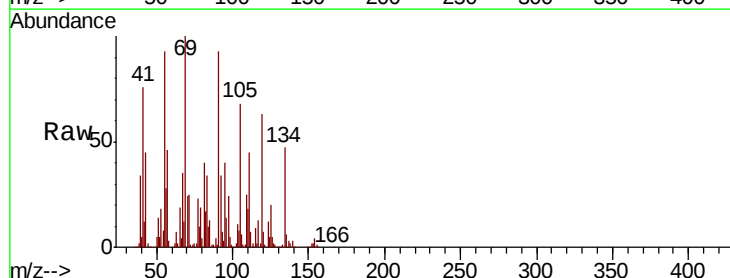
Ion Ratio Lower Upper

105 100

71 37.0 4.6 6.8#

51 21.1 32.2 48.2#

120 9.6 17.5 26.3#

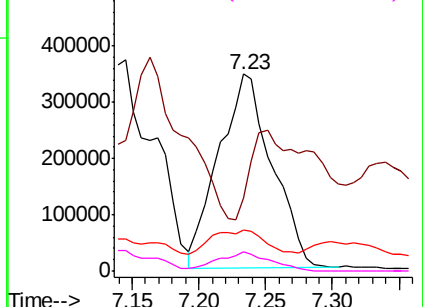


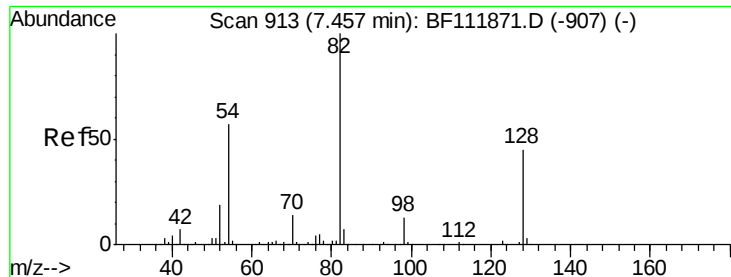
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

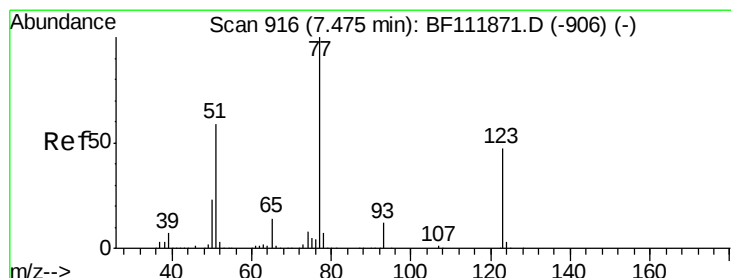
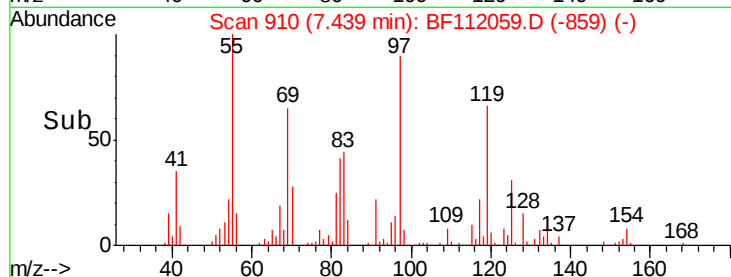
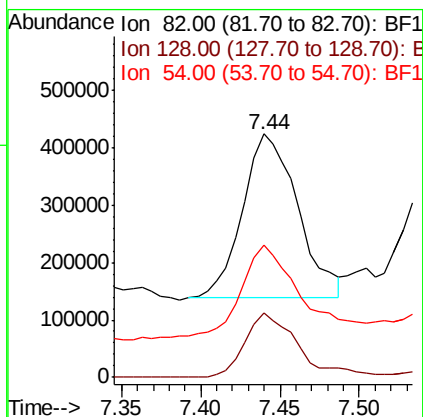
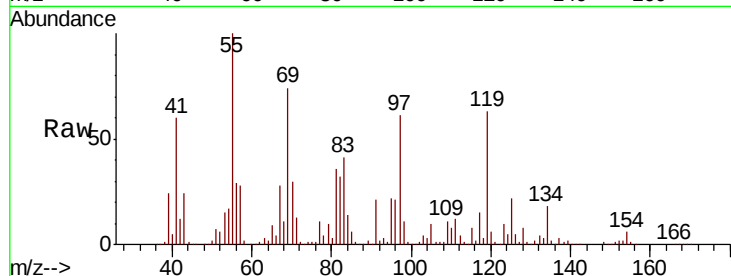




#23
 Nitrobenzene-d5
 Concen: 94.503 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

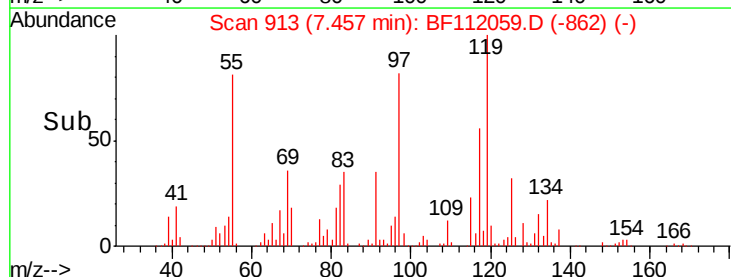
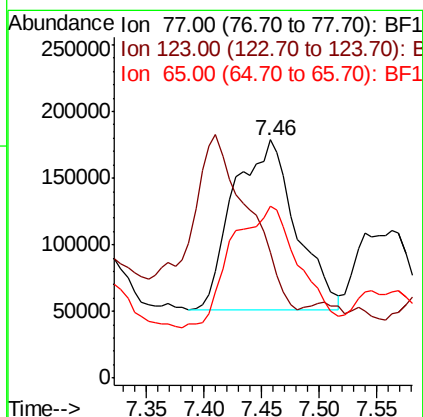
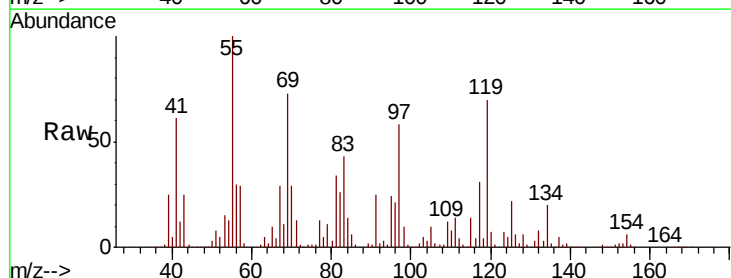
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

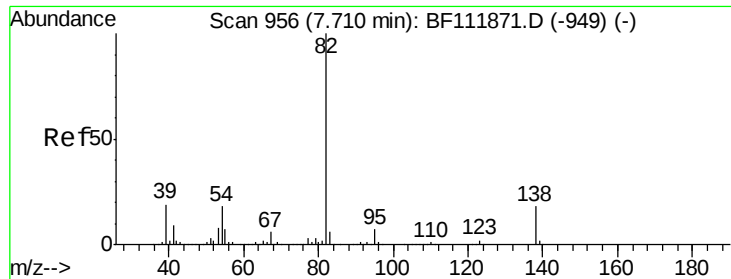
Tgt Ion: 82 Resp: 687367
 Ion Ratio Lower Upper
 82 100
 128 26.3 35.7 53.5#
 54 54.1 45.8 68.8



#24
 Nitrobenzene
 Concen: 64.680 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion: 77 Resp: 475905
 Ion Ratio Lower Upper
 77 100
 123 52.8 38.1 57.1
 65 72.5 11.0 16.4#





#25

Isophorone

Concen: 72.924 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

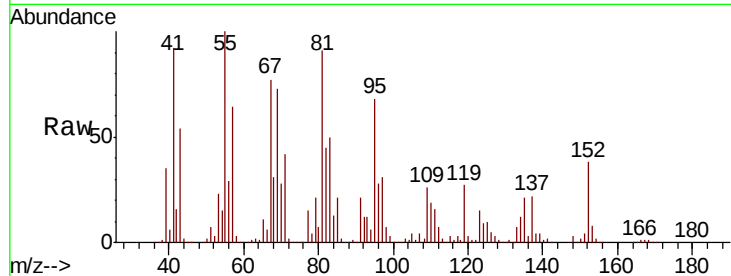
Tgt Ion: 82 Resp: 858902

Ion Ratio Lower Upper

82 100

95 151.7 5.8 8.6#

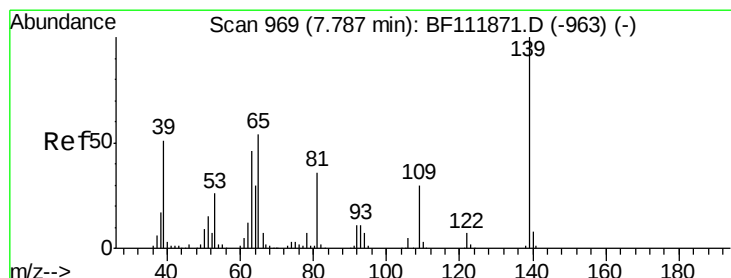
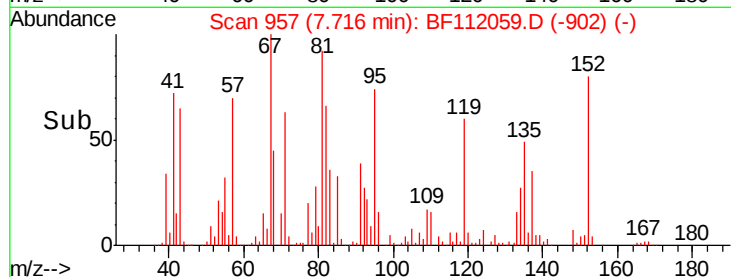
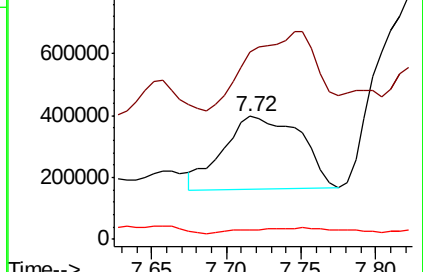
138 8.1 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.919 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.12 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

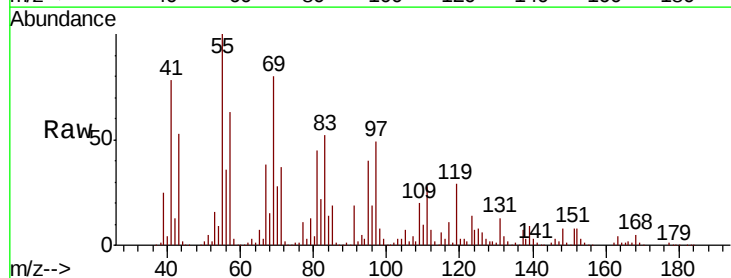
Tgt Ion: 139 Resp: 184471

Ion Ratio Lower Upper

139 100

109 224.8 24.1 36.1#

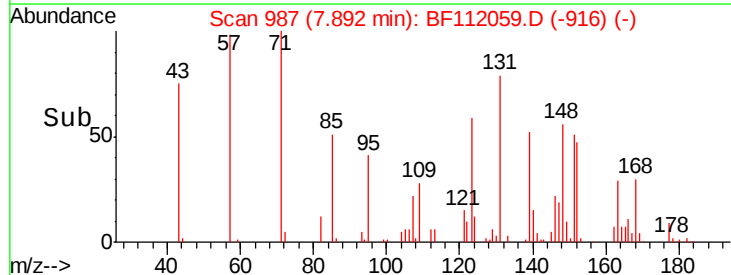
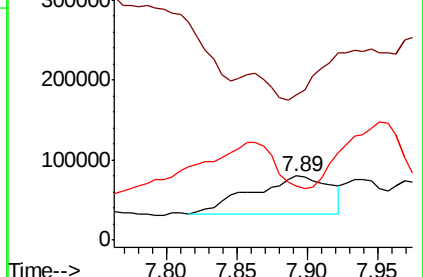
65 83.4 43.6 65.4#

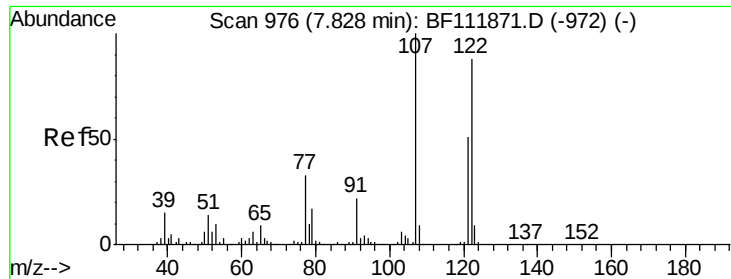


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

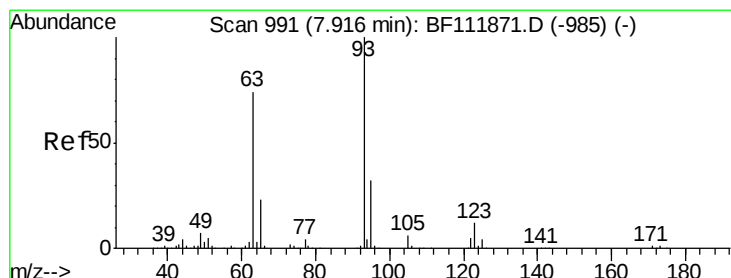
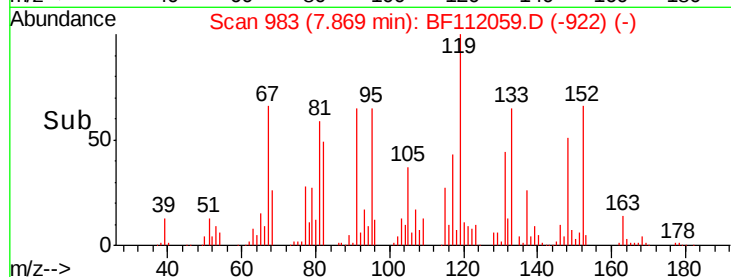
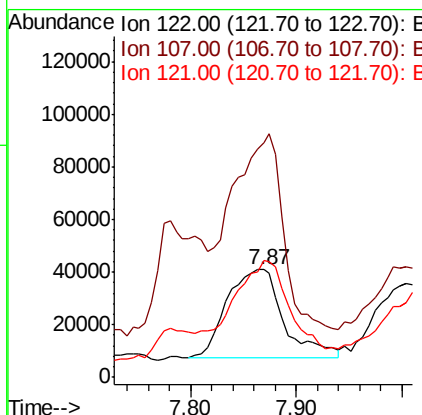
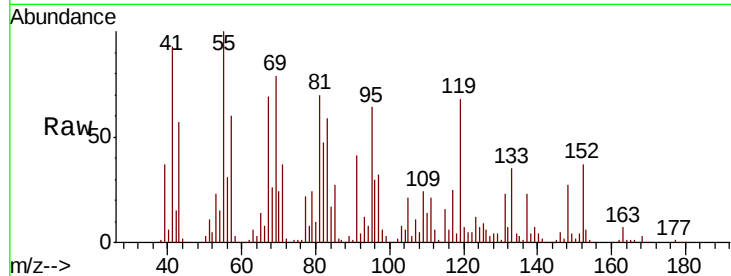




#27
 2,4-Dimethylphenol
 Concen: 23.884 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.06 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

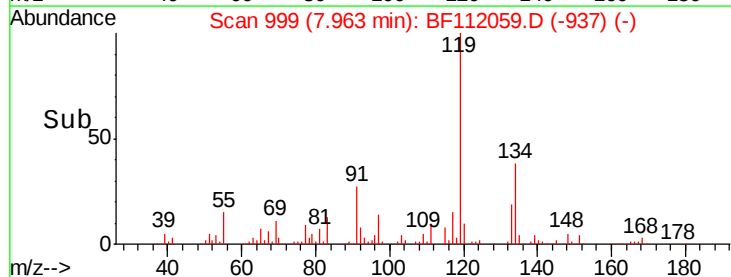
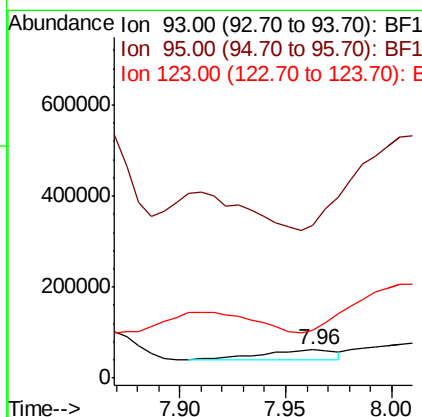
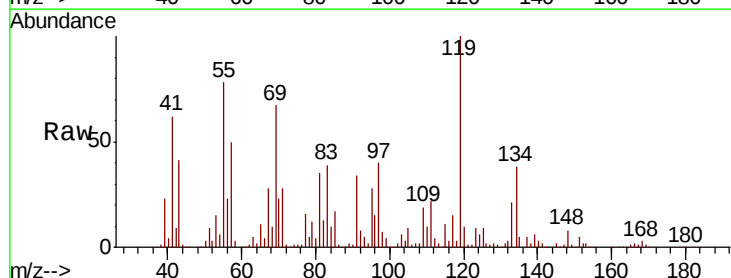
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

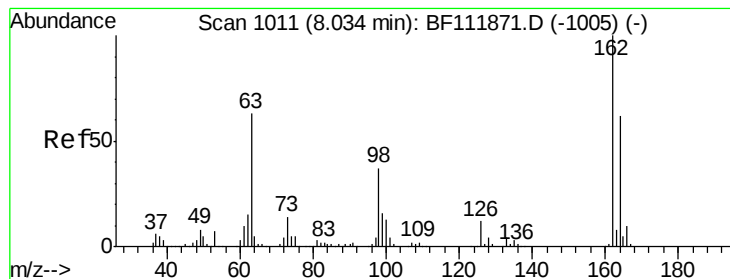
Tgt Ion: 122 Resp: 125107
 Ion Ratio Lower Upper
 122 100
 107 217.3 91.0 136.6#
 121 108.7 46.8 70.2#



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.749 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.06 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion: 93 Resp: 53059
 Ion Ratio Lower Upper
 93 100
 95 535.3 25.8 38.6#
 123 169.1 9.5 14.3#





#29

2,4-Dichlorophenol

Concen: 15.197 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

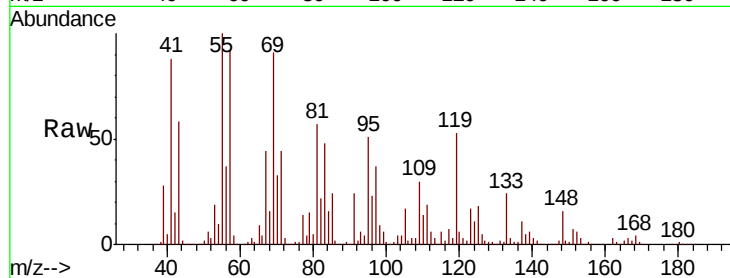
Tgt Ion:162 Resp: 91539

Ion Ratio Lower Upper

162 100

164 10.4 42.1 82.1#

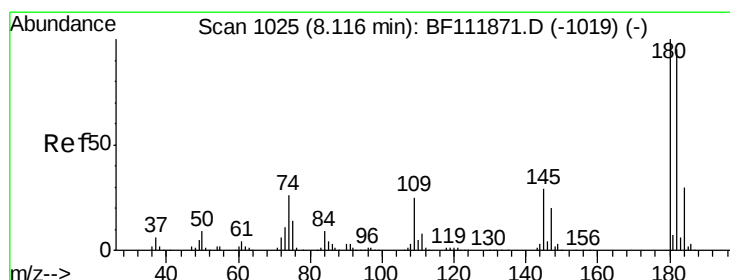
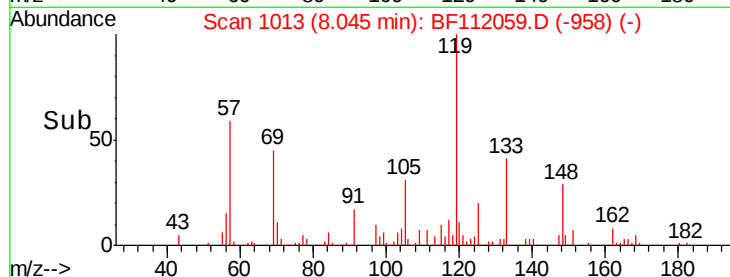
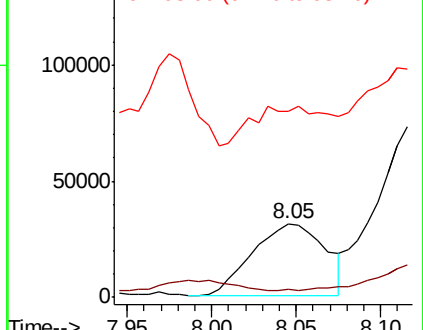
98 253.4 17.2 57.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 7.661 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

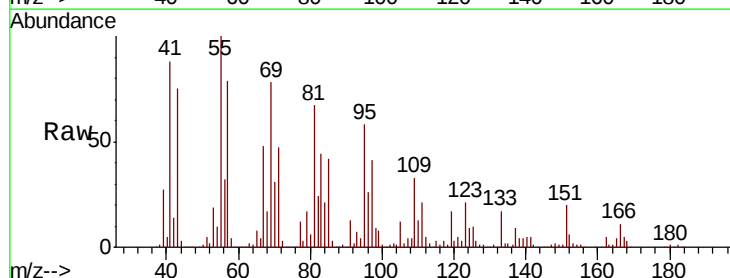
Tgt Ion:180 Resp: 50908

Ion Ratio Lower Upper

180 100

182 56.4 76.2 114.4#

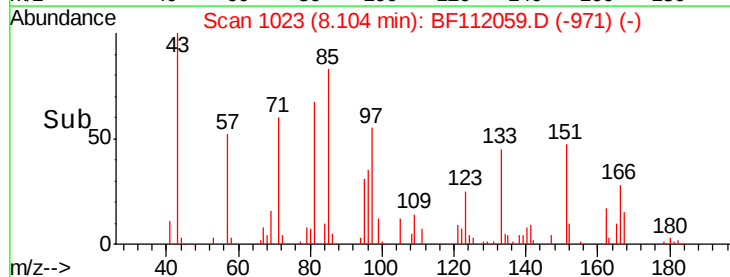
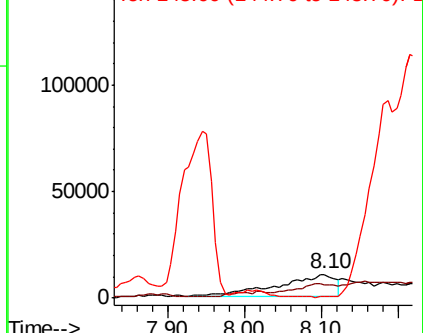
145 5.4 23.4 35.2#

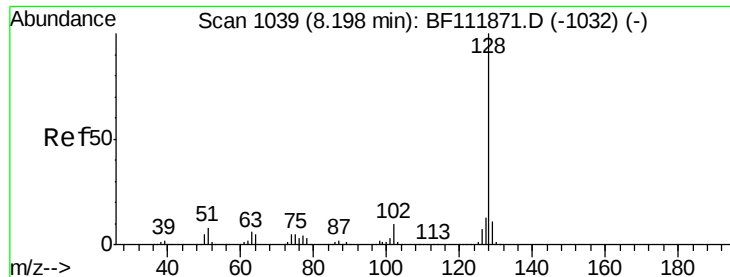


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

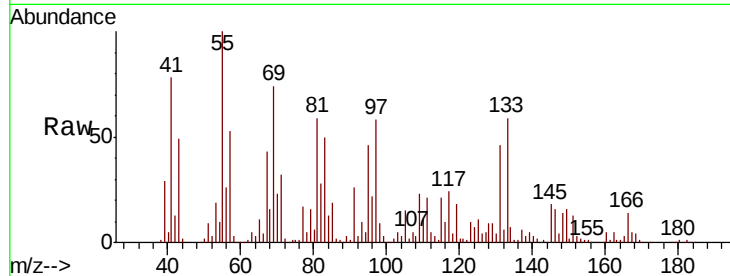




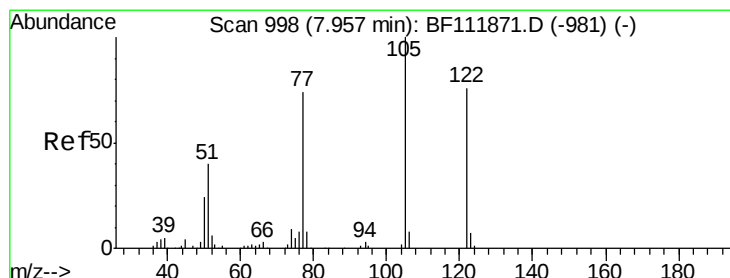
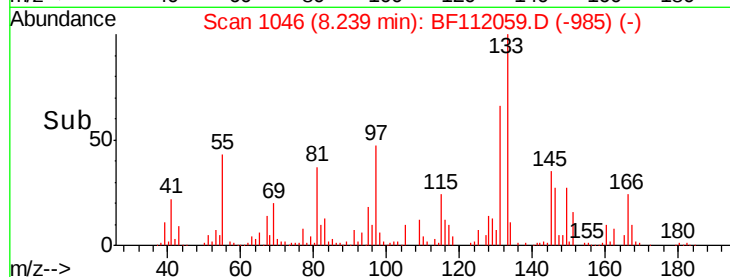
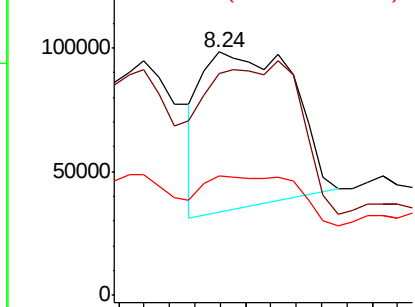
#31
Naphthalene
Concen: 8.549 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.06 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

Tgt Ion:128 Resp: 157762
Ion Ratio Lower Upper
128 100
129 91.2 9.0 13.4#
127 49.2 10.7 16.1#

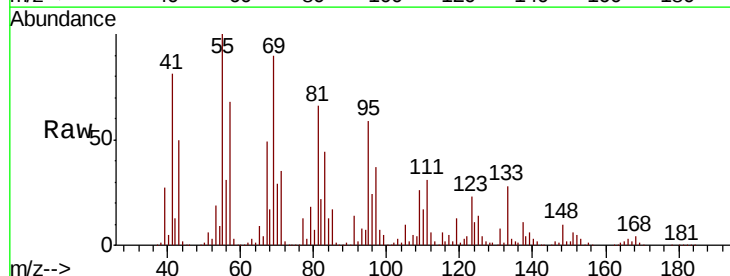


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

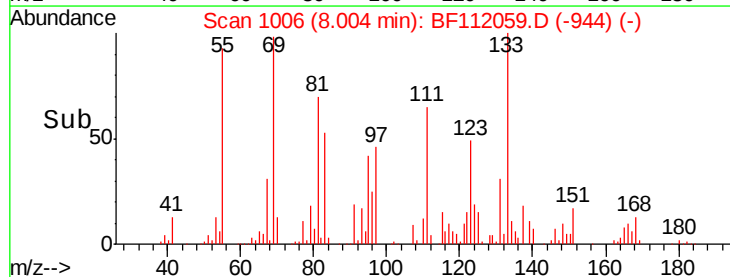
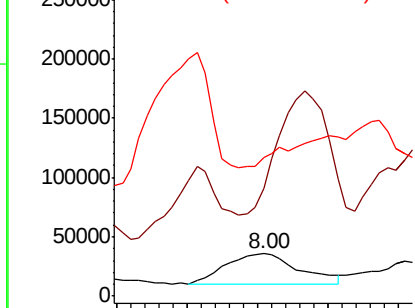


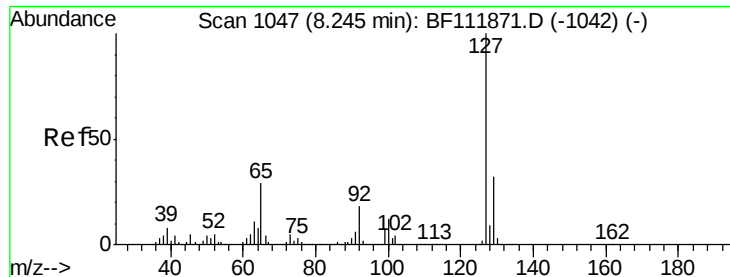
#32
Benzoic acid
Concen: 27.344 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.06 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion:122 Resp: 92949
Ion Ratio Lower Upper
122 100
105 255.6 107.9 147.9#
77 326.5 76.6 116.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

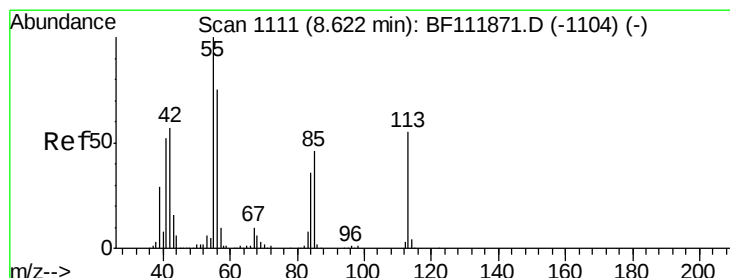
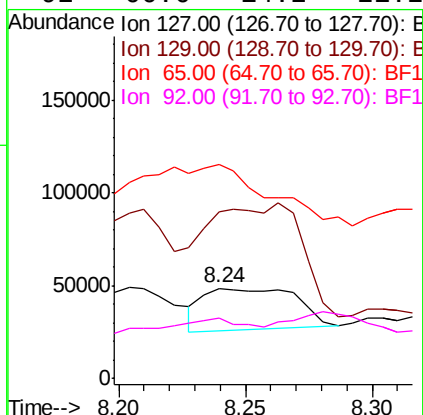
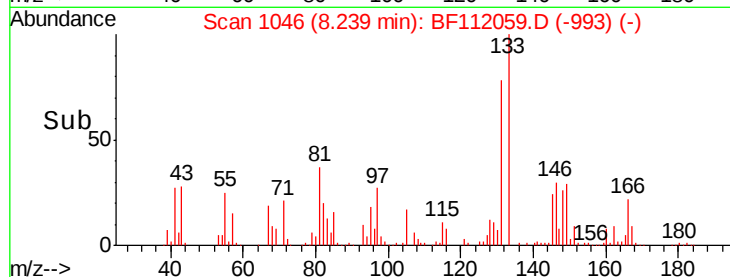
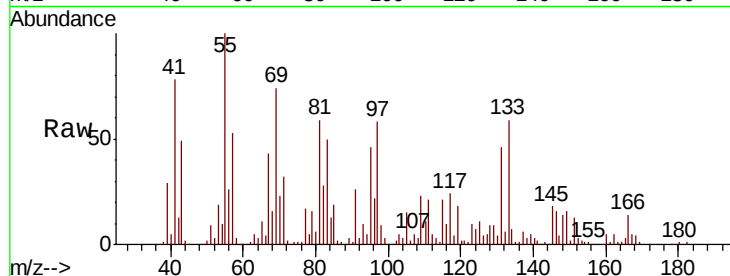




#33
4-Chloroaniline
Concen: 7.194 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

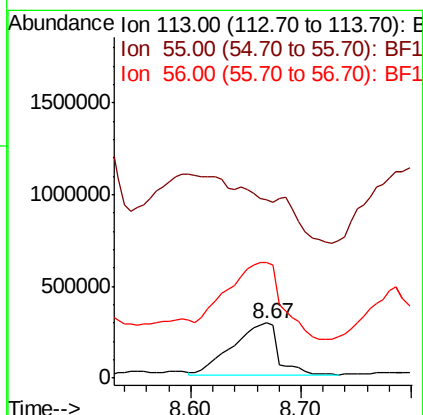
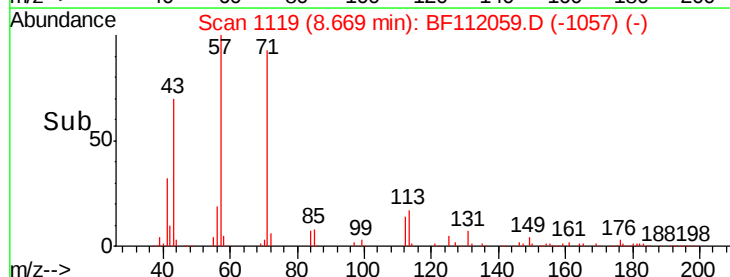
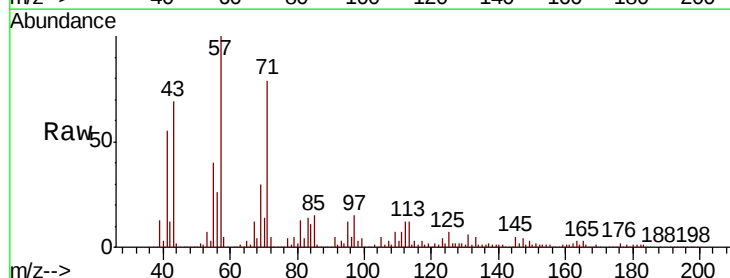
Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

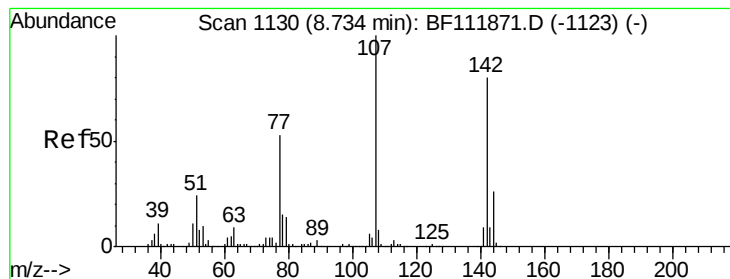
Tgt Ion:127 Resp: 57384
Ion Ratio Lower Upper
127 100
129 185.2 25.8 38.6#
65 237.8 23.5 35.3#
92 66.6 14.2 21.2#



#35
Caprolactam
Concen: 415.376 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.06 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion:113 Resp: 817448
Ion Ratio Lower Upper
113 100
55 323.7 162.0 202.0#
56 210.9 116.0 156.0#





#36

4-Chloro-3-methylphenol

Concen: 7.526 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.05 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

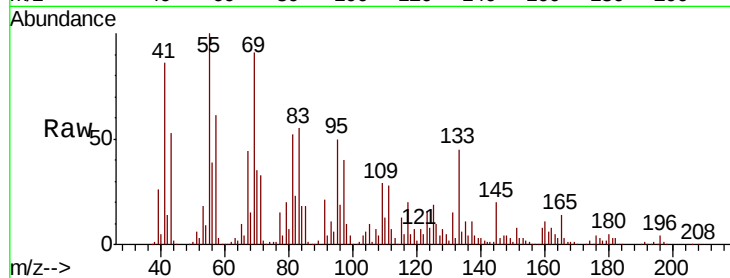
Tgt Ion:107 Resp: 45071

Ion Ratio Lower Upper

107 100

144 10.6 20.7 31.1#

142 7.1 63.9 95.9#

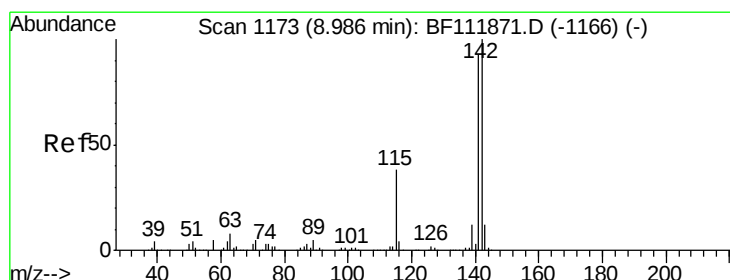
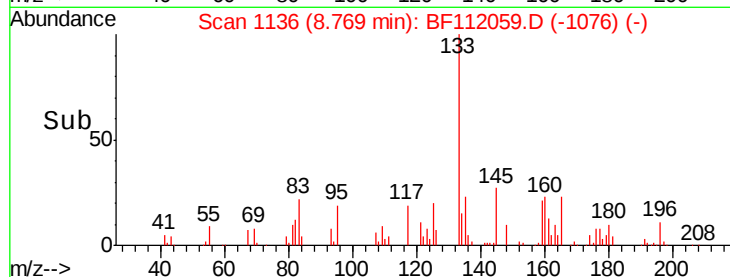
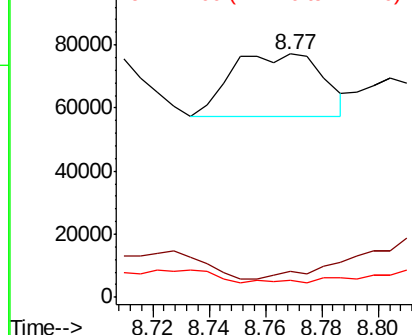


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#38

1-Methylnaphthalene

Concen: 6.695 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.06 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

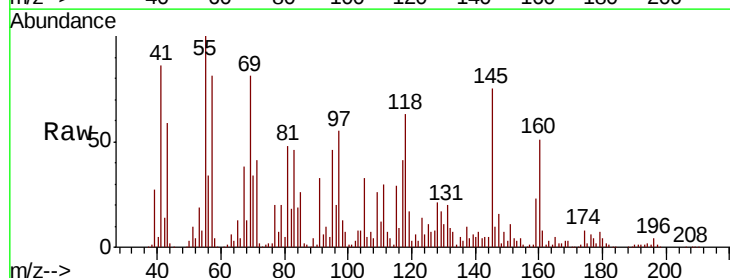
Tgt Ion:142 Resp: 73424

Ion Ratio Lower Upper

142 100

141 211.1 74.8 112.2#

116 252.7 3.1 4.7#

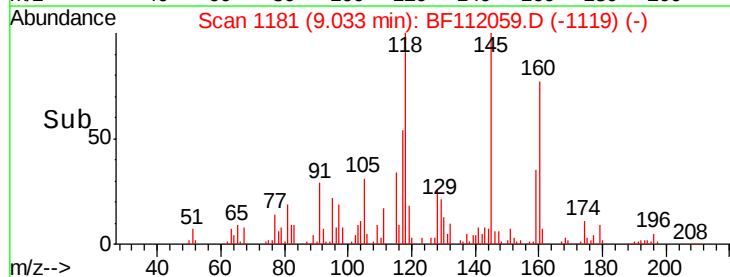
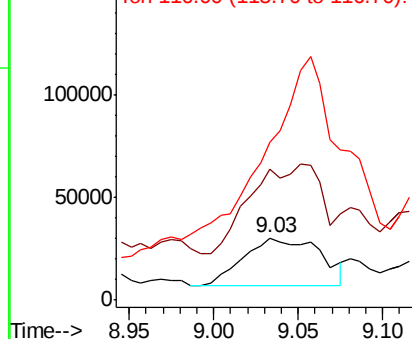


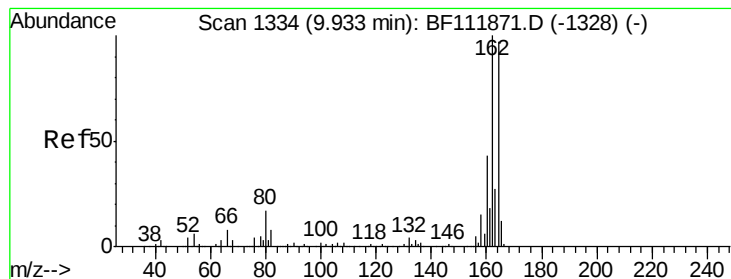
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.05 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

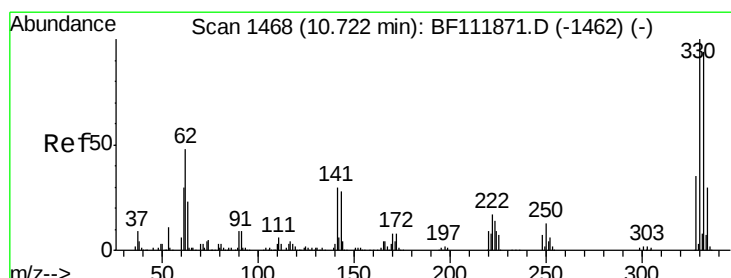
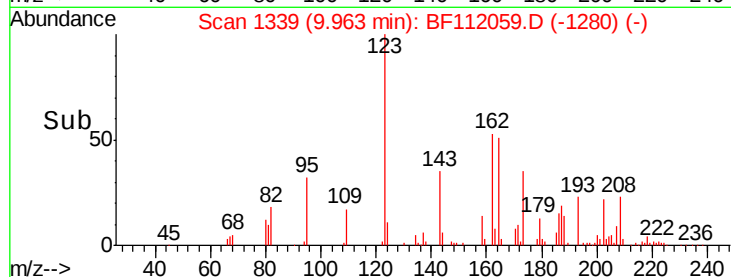
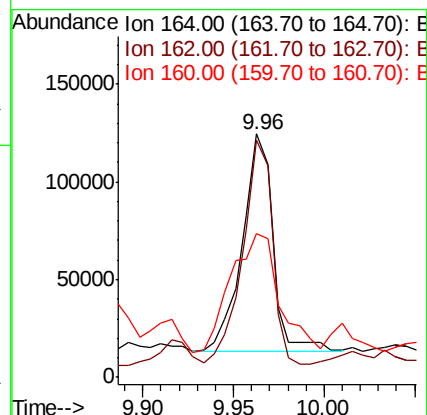
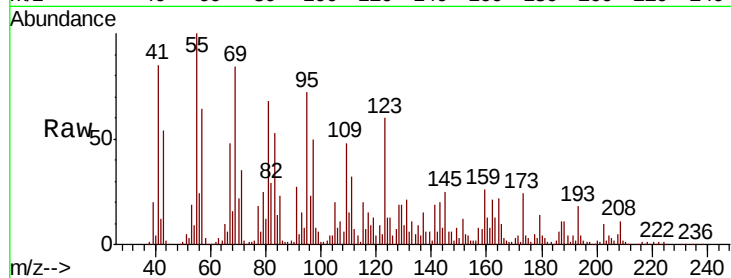
Tgt Ion:164 Resp: 131538

Ion Ratio Lower Upper

164 100

162 97.4 82.2 123.2

160 59.2 35.5 53.3#



#42

2,4,6-Tribromophenol

Concen: 109.879 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

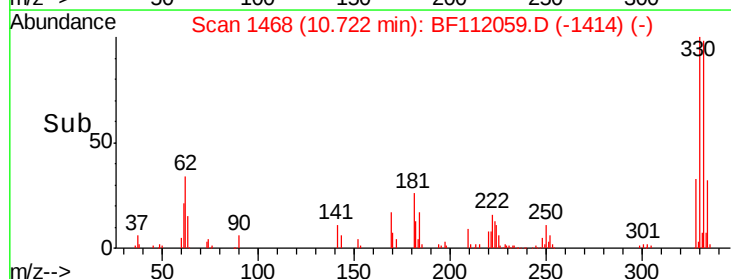
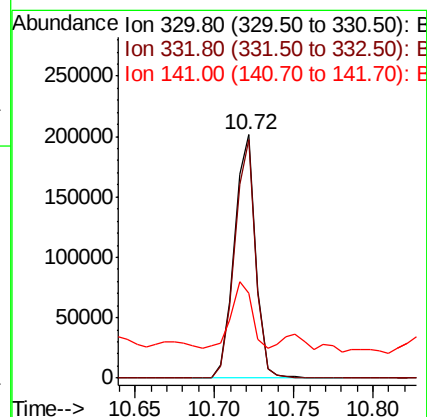
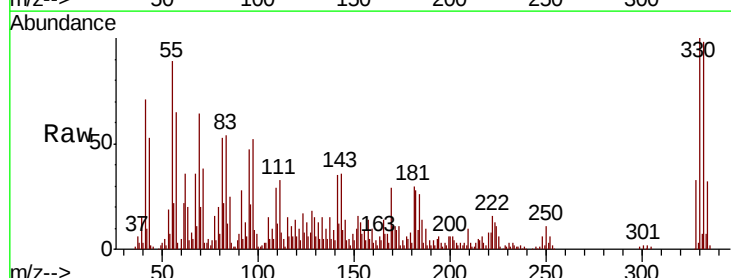
Tgt Ion:330 Resp: 187993

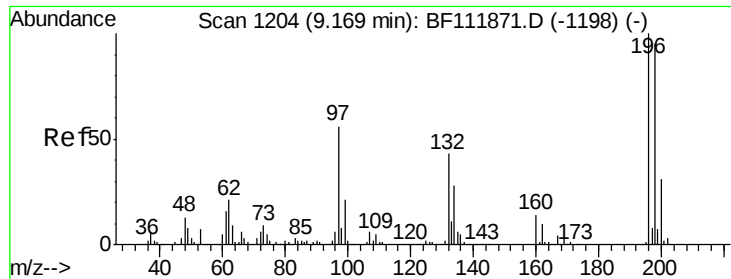
Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 26.1 23.7 35.5

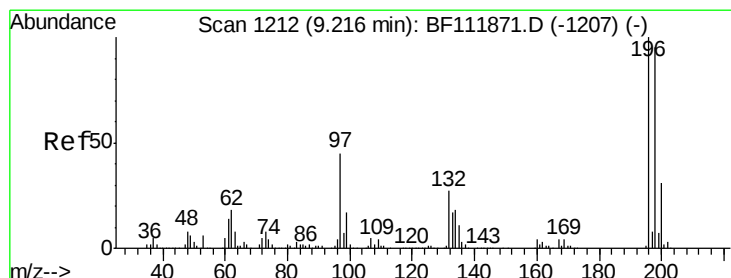
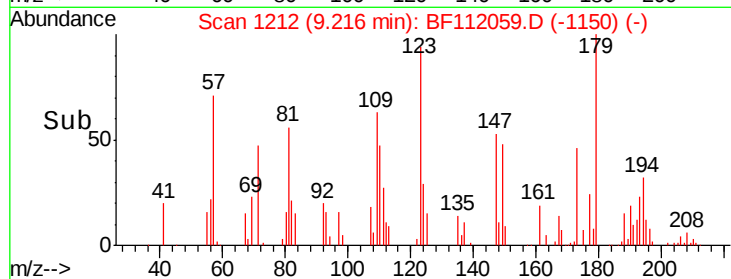
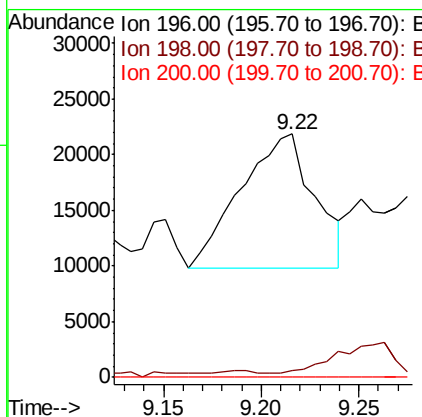
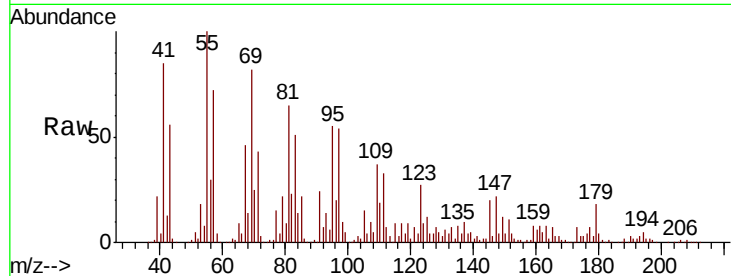




#43
 2,4,6-Trichlorophenol
 Concen: 11.198 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.06 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

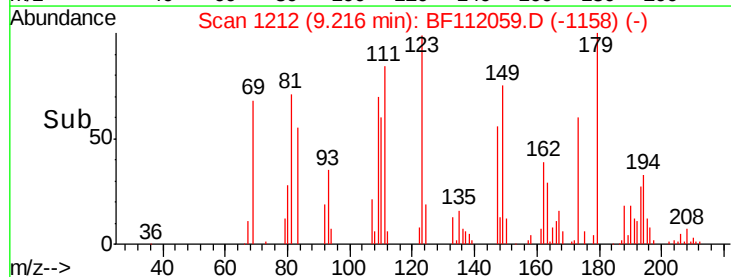
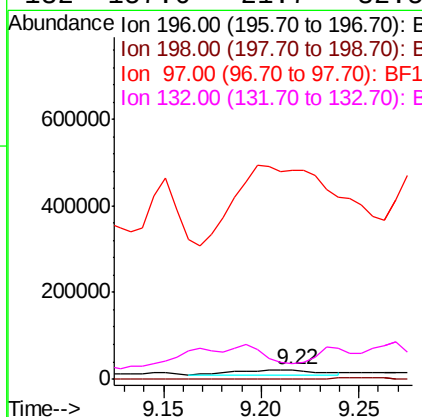
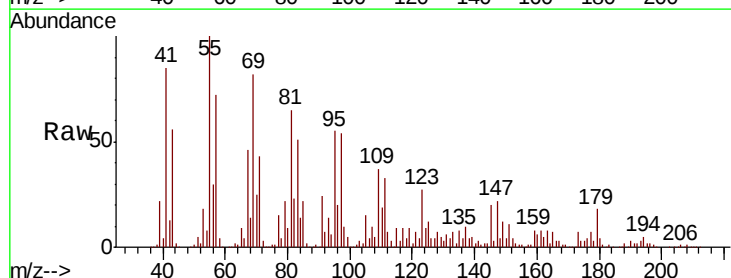
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

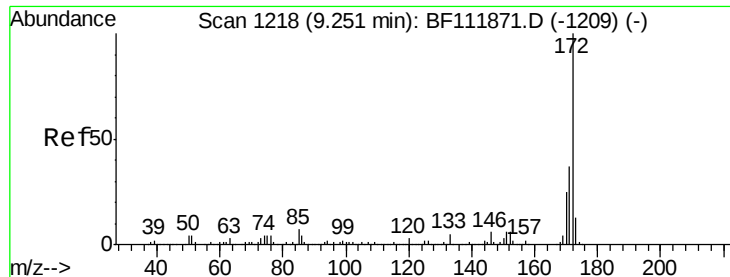
Tgt Ion:196 Resp: 31851
 Ion Ratio Lower Upper
 196 100
 198 2.6 75.8 113.8#
 200 0.0 24.5 36.7#



#44
 2,4,5-Trichlorophenol
 Concen: 10.688 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.02 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion:196 Resp: 31851
 Ion Ratio Lower Upper
 196 100
 198 2.6 76.2 114.2#
 97 2205.1 36.4 54.6#
 132 157.6 21.7 32.5#

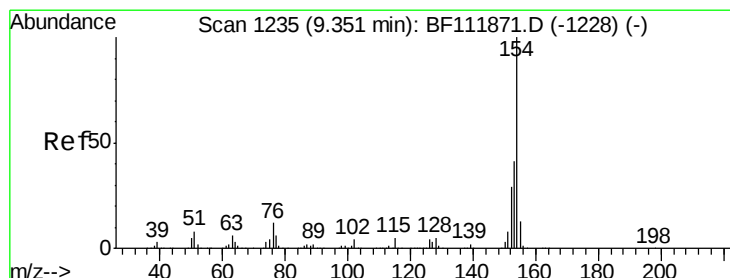
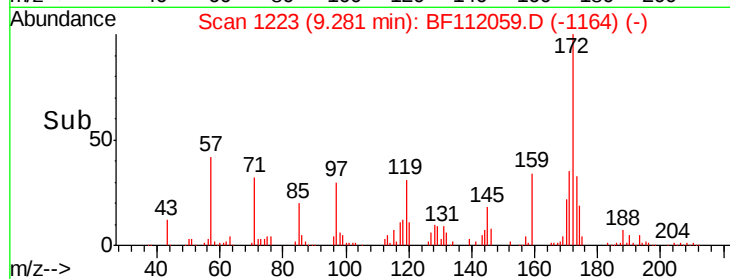
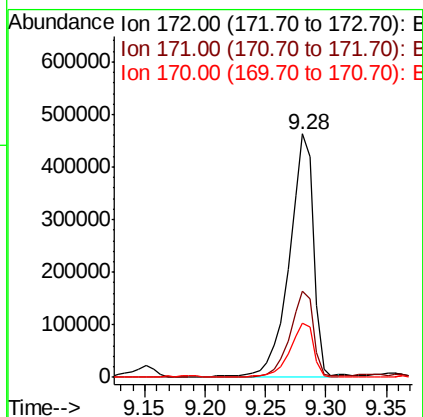
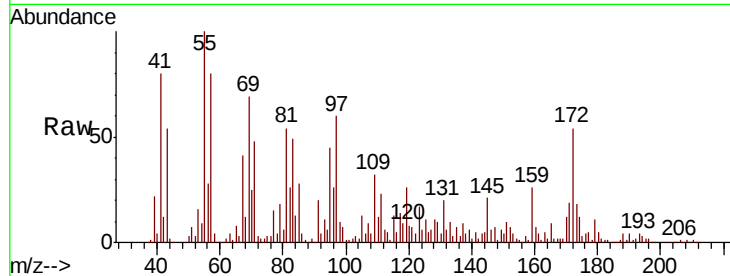




#45
 2-Fluorobiphenyl
 Concen: 71.563 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.05 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

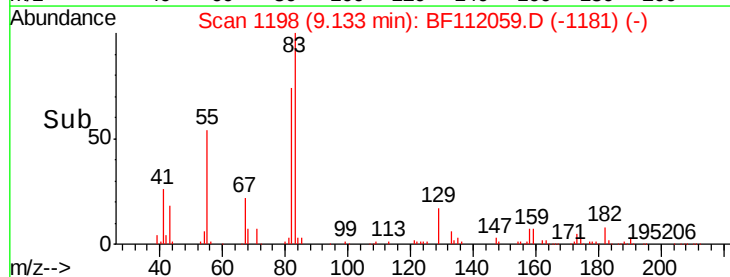
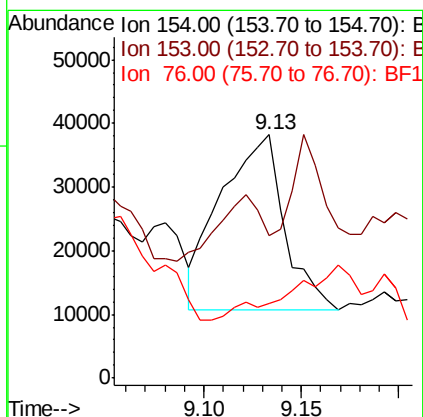
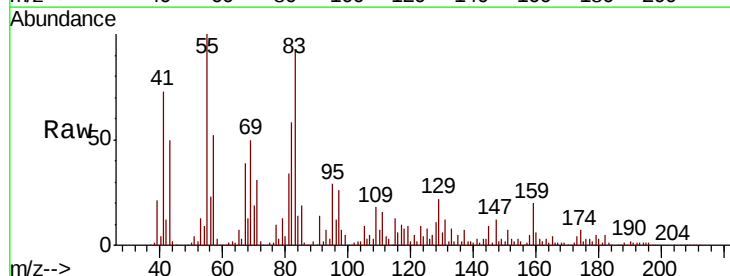
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

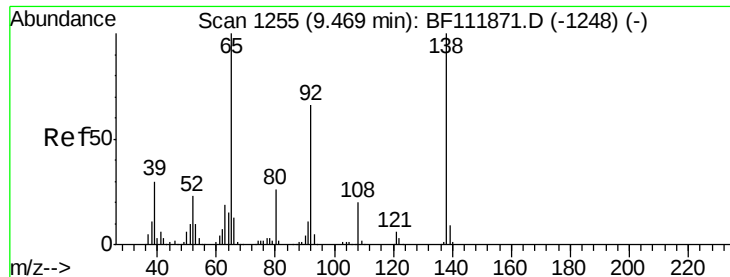
Tgt Ion:172 Resp: 645538
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 22.4 19.8 29.8



#46
 1,1'-Biphenyl
 Concen: 5.683 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.20 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion:154 Resp: 62535
 Ion Ratio Lower Upper
 154 100
 153 58.6 21.3 61.3
 76 30.5 0.0 32.3

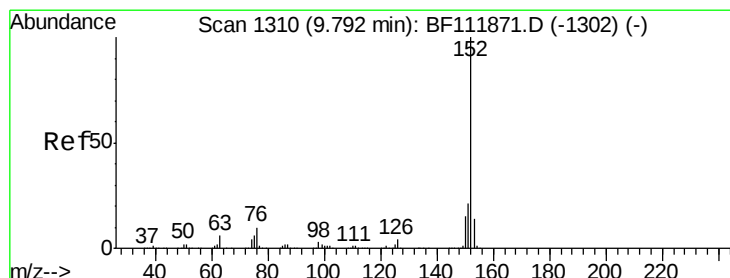
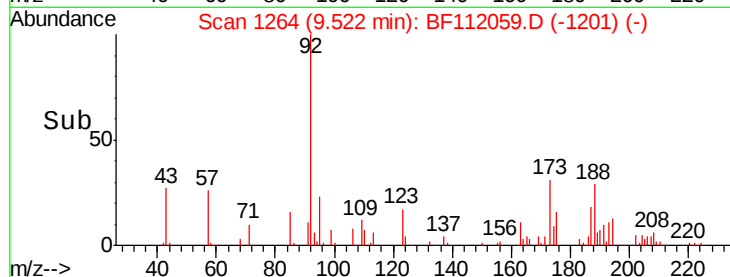
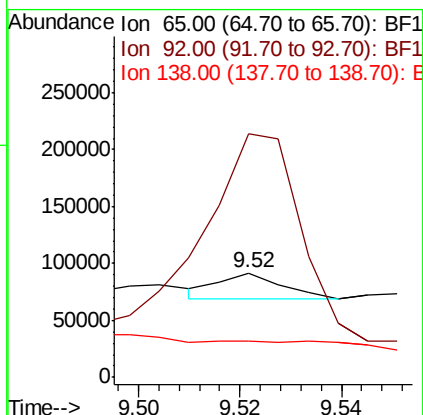
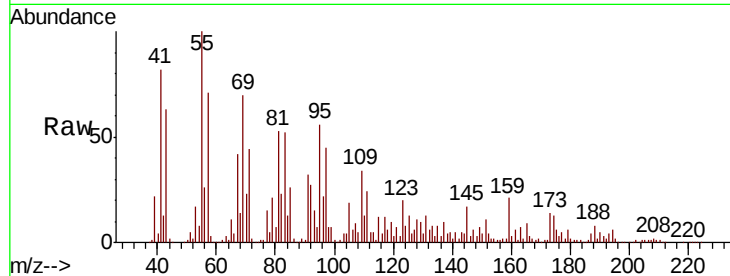




#48
2-Nitroaniline
Concen: 7.322 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.07 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

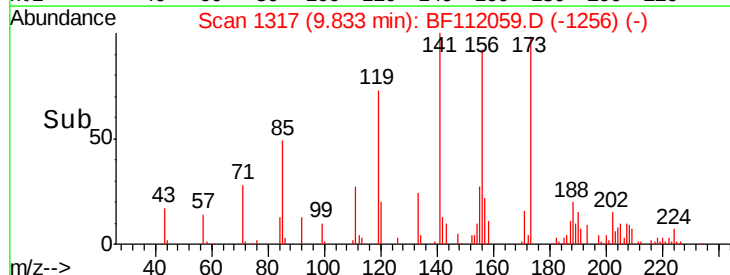
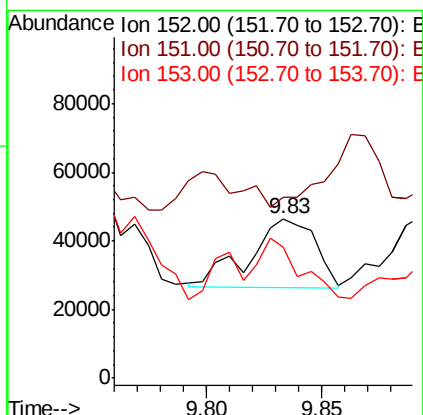
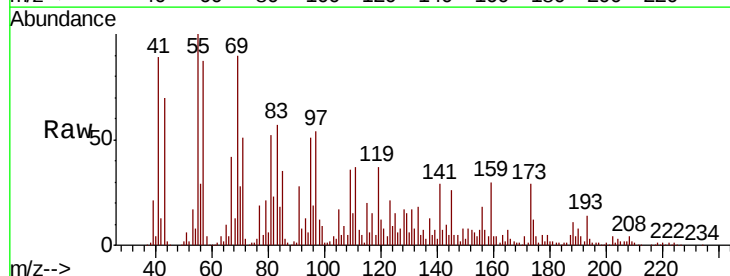
Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

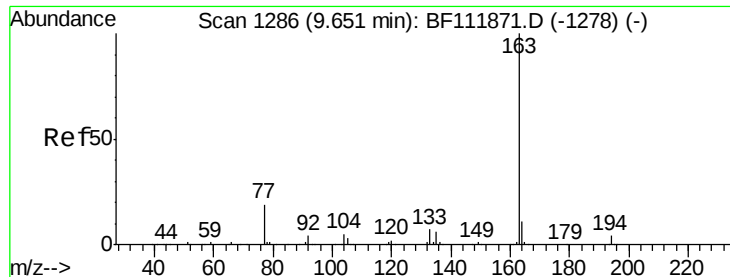
Tgt Ion: 65 Resp: 19330
Ion Ratio Lower Upper
65 100
92 233.5 52.5 78.7#
138 35.3 79.8 119.6#



#49
Acenaphthylene
Concen: 3.127 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.06 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion: 152 Resp: 39921
Ion Ratio Lower Upper
152 100
151 113.1 16.6 25.0#
153 82.4 11.0 16.4#

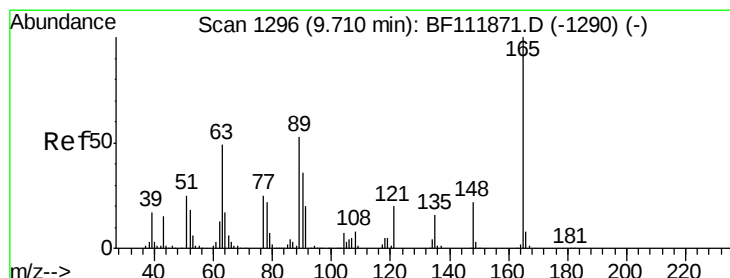
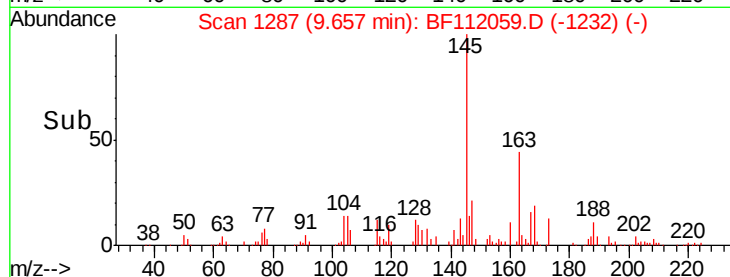
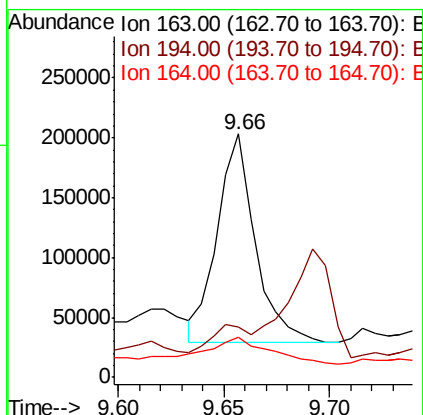
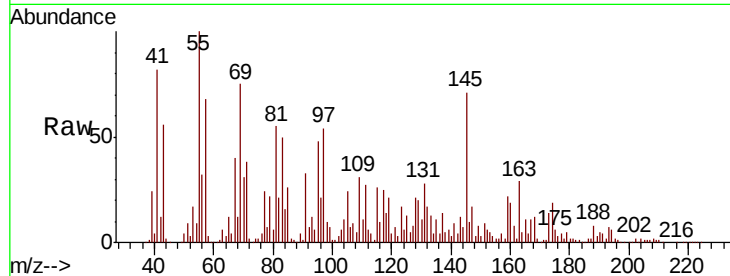




#50
Dimethylphthalate
Concen: 21.870 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.02 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

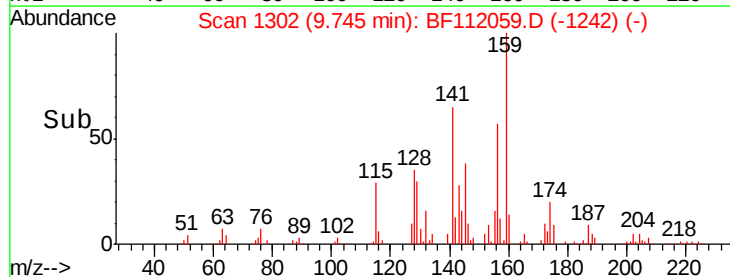
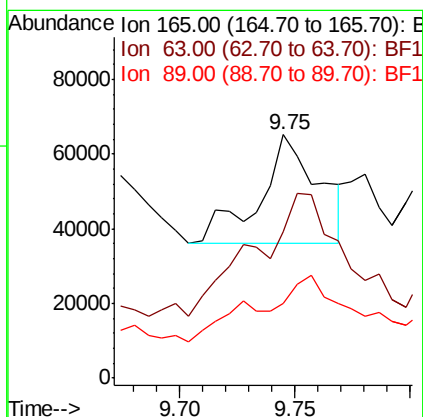
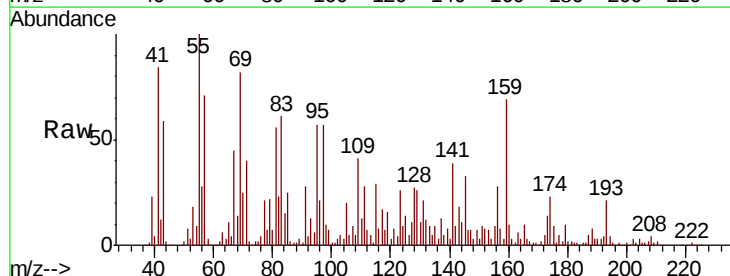
Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

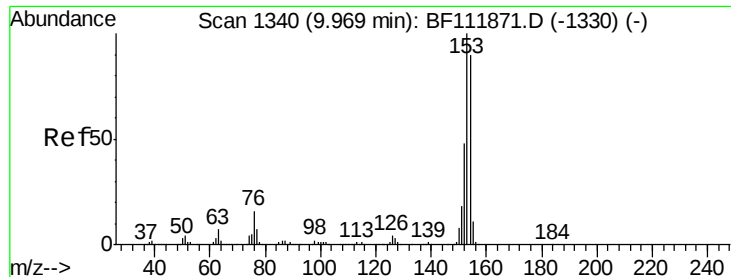
Tgt Ion:163 Resp: 216098
Ion Ratio Lower Upper
163 100
194 20.7 3.4 5.2#
164 16.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 23.778 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.05 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion:165 Resp: 52541
Ion Ratio Lower Upper
165 100
63 60.0 46.2 69.2
89 30.7 42.2 63.2#





#52

Acenaphthene

Concen: 23.623 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.05 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

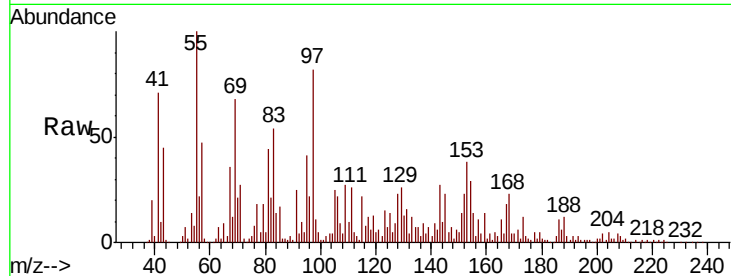
Tgt Ion:154 Resp: 194427

Ion Ratio Lower Upper

154 100

153 130.8 89.4 134.0

152 79.6 43.1 64.7#

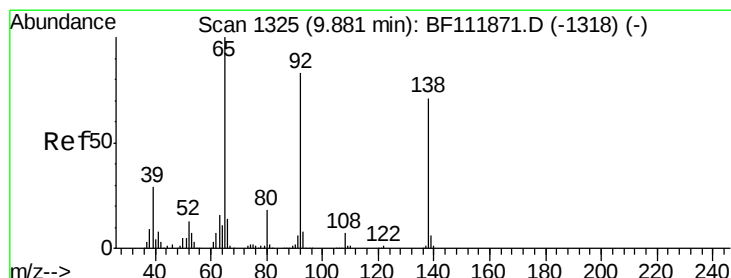
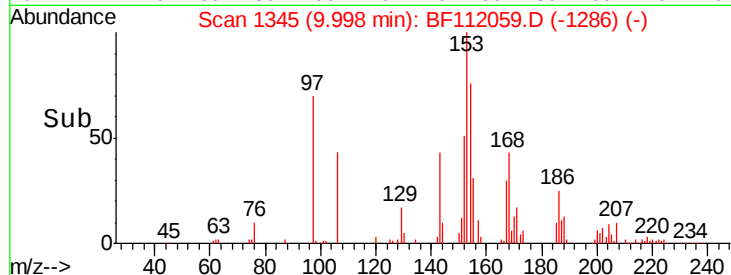
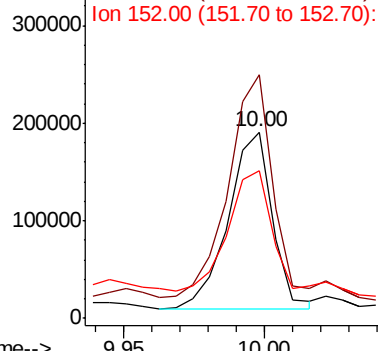


Abundance

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



#53

3-Nitroaniline

Concen: 11.394 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.06 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

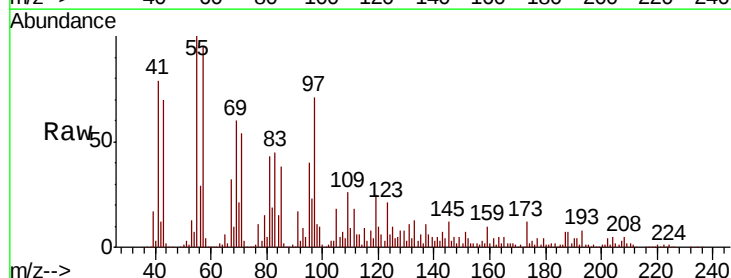
Tgt Ion:138 Resp: 26961

Ion Ratio Lower Upper

138 100

108 63.3 8.2 12.4#

92 47.0 93.5 140.3#

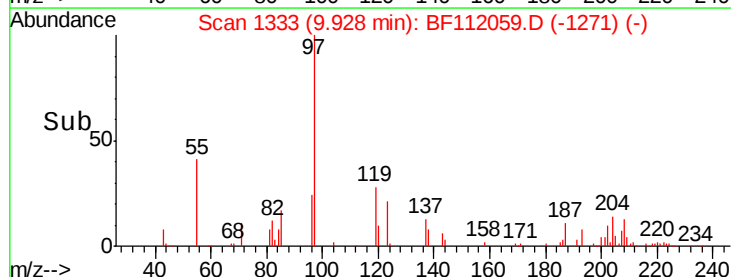
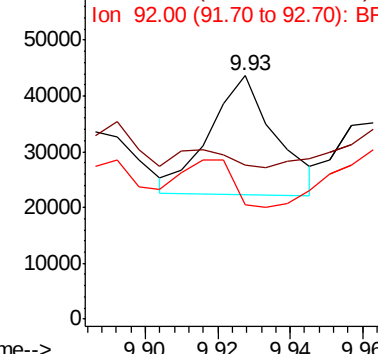


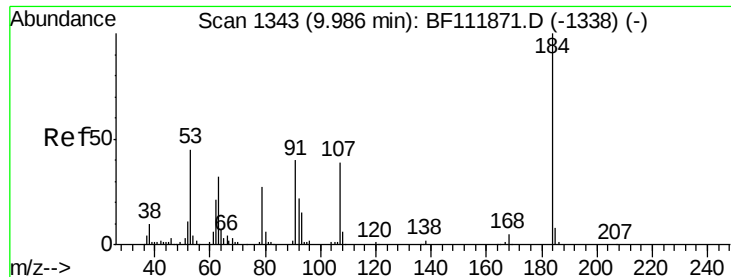
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

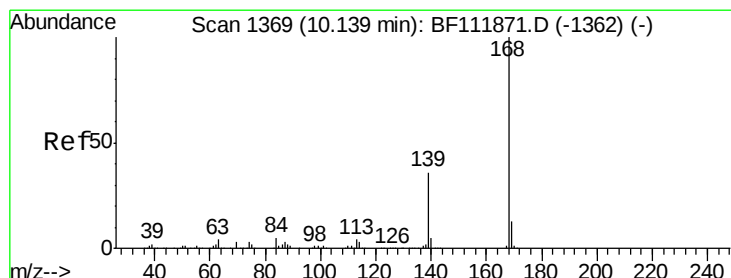
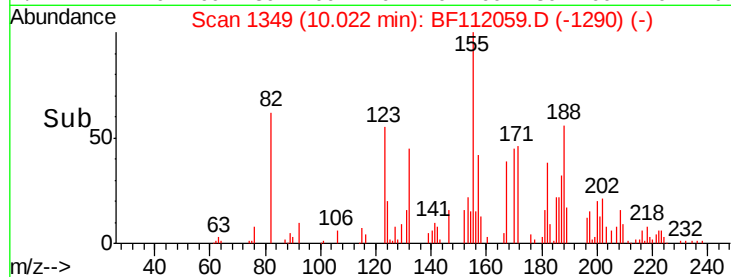
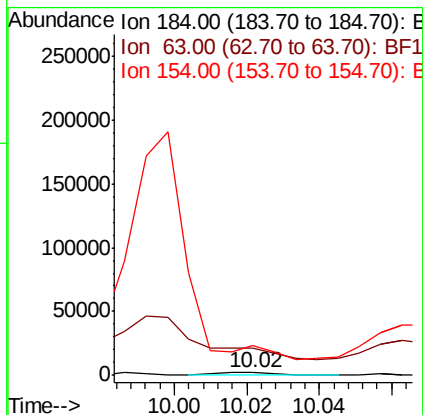
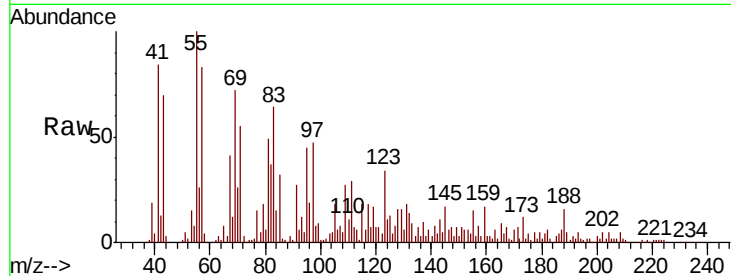




#54
2,4-Dinitrophenol
Concen: 3.327 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.05 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

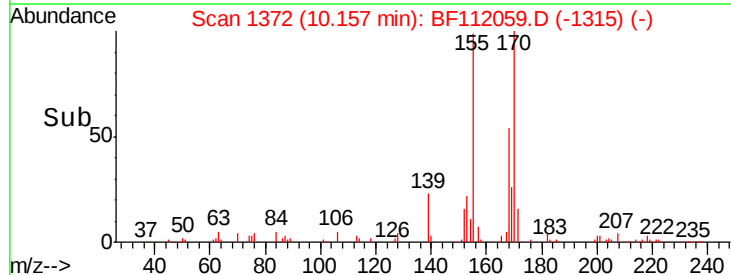
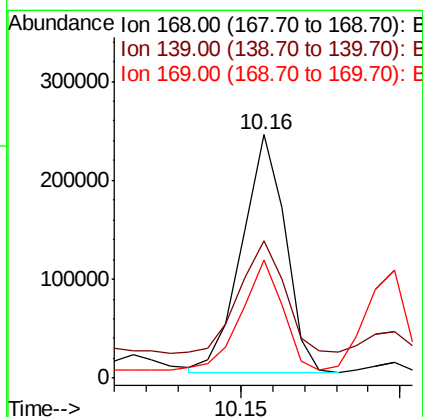
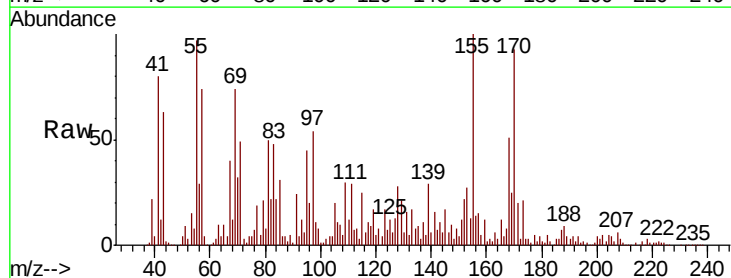
Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

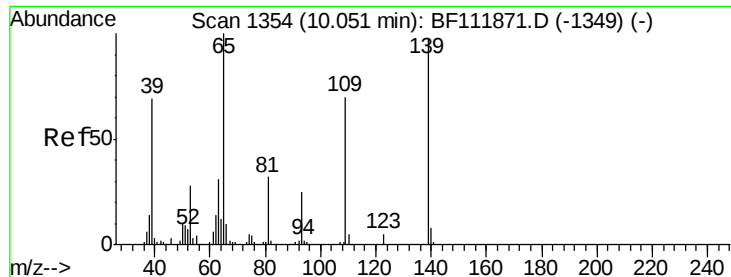
Tgt Ion:184 Resp: 3113
Ion Ratio Lower Upper
184 100
63 1021.7 46.9 70.3#
154 1076.4 46.9 70.3#



#55
Dibenzofuran
Concen: 19.107 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.04 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion:168 Resp: 228710
Ion Ratio Lower Upper
168 100
139 56.5 29.3 43.9#
169 48.3 10.6 16.0#





#56

4-Nitrophenol

Concen: 21.902 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.04 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

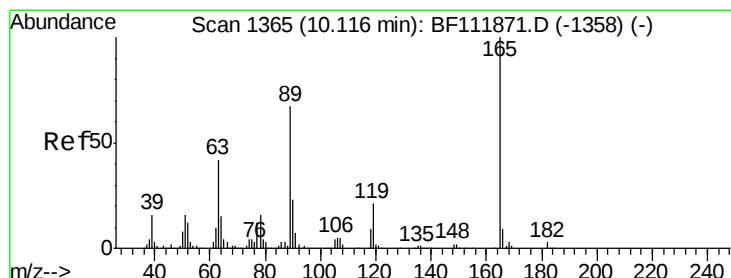
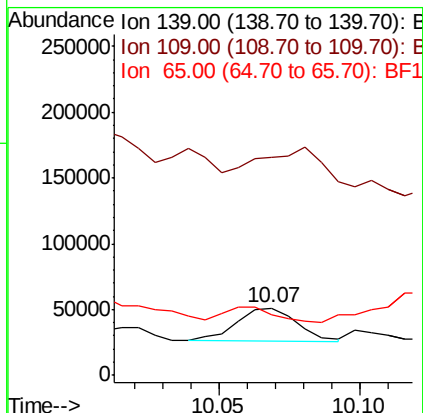
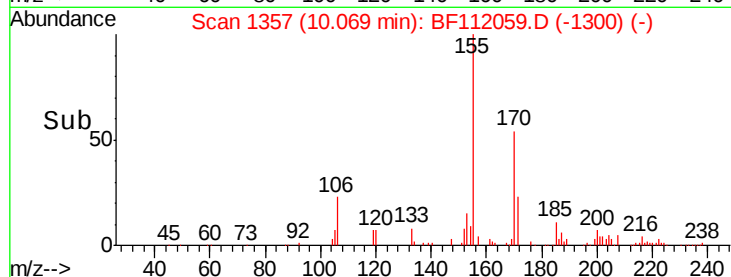
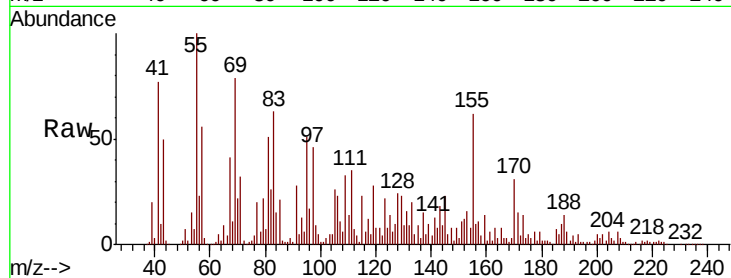
Tgt Ion:139 Resp: 36620

Ion Ratio Lower Upper

139 100

109 324.5 52.2 92.2#

65 90.1 83.1 123.1



#57

2,4-Dinitrotoluene

Concen: 13.210 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.06 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Tgt Ion:165 Resp: 37716

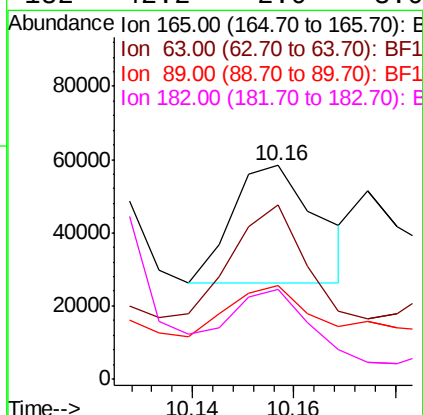
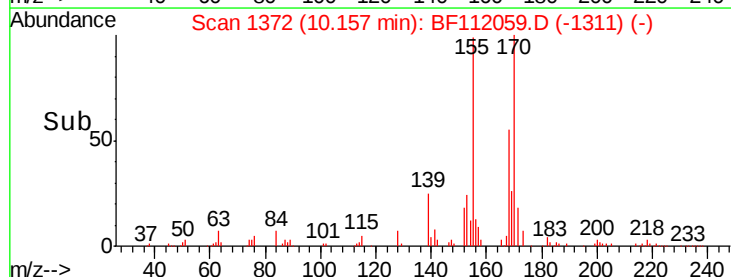
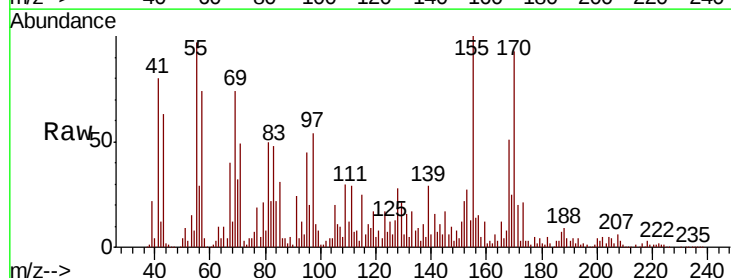
Ion Ratio Lower Upper

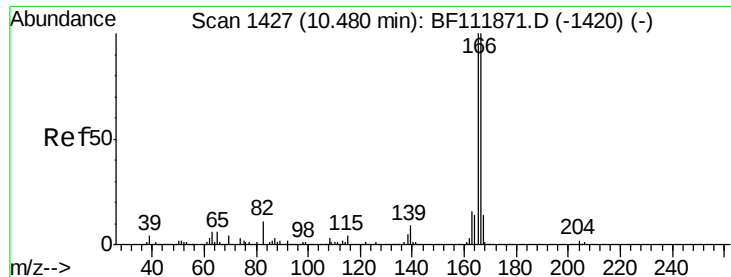
165 100

63 81.6 34.1 51.1#

89 44.0 53.5 80.3#

182 42.2 2.0 3.0#





#58

Fluorene

Concen: 5.240 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.07 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

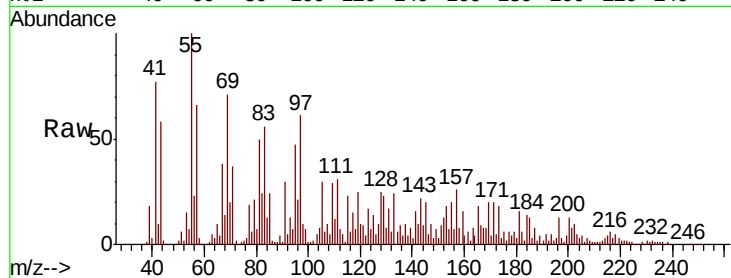
Tgt Ion:166 Resp: 45641

Ion Ratio Lower Upper

166 100

165 214.9 79.7 119.5#

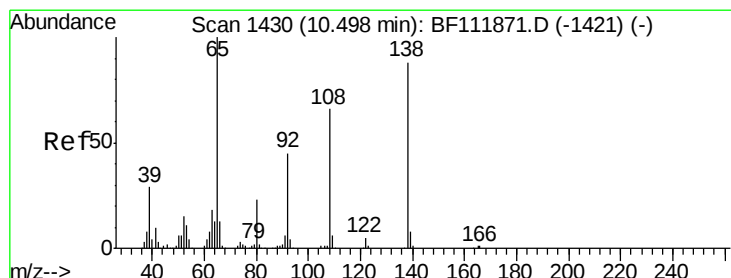
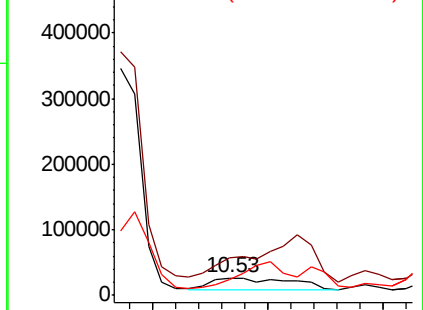
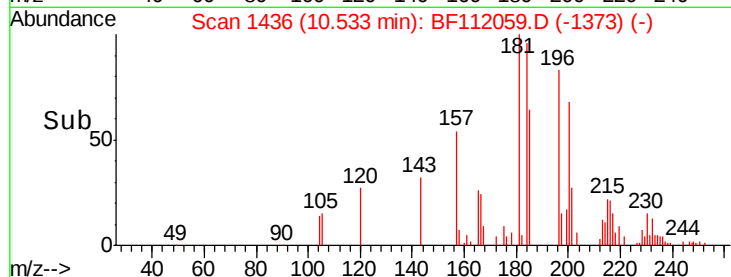
167 93.8 11.1 16.7#



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



#62

4-Nitroaniline

Concen: 14.659 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.08 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

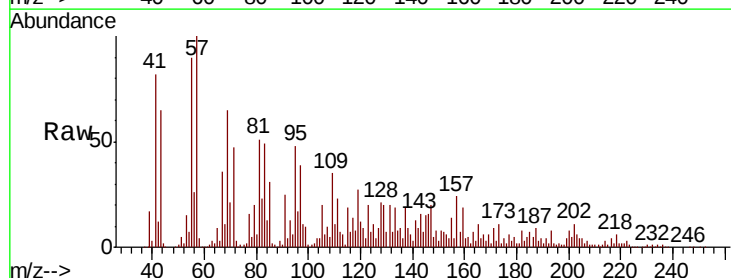
Tgt Ion:138 Resp: 32902

Ion Ratio Lower Upper

138 100

92 47.5 31.0 71.0

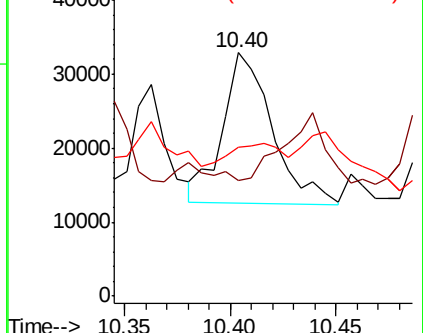
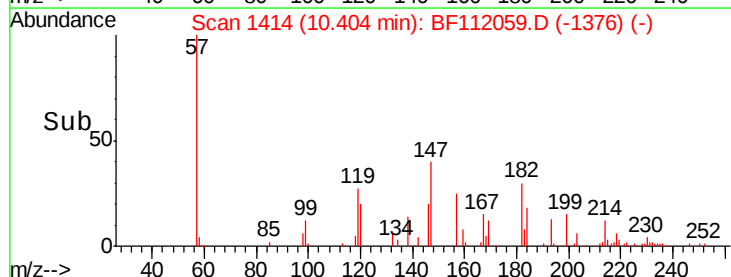
108 61.1 54.7 94.7

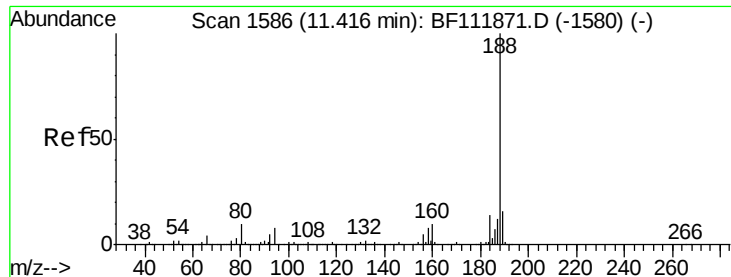


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

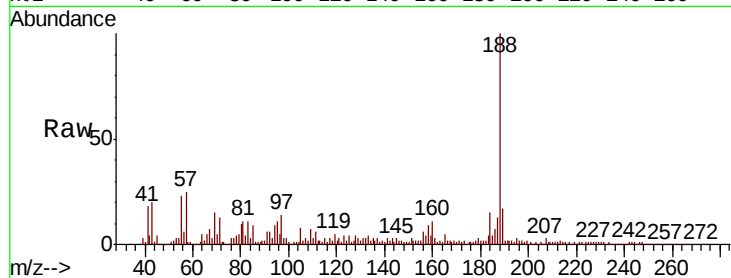
Tgt Ion:188 Resp: 288703

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

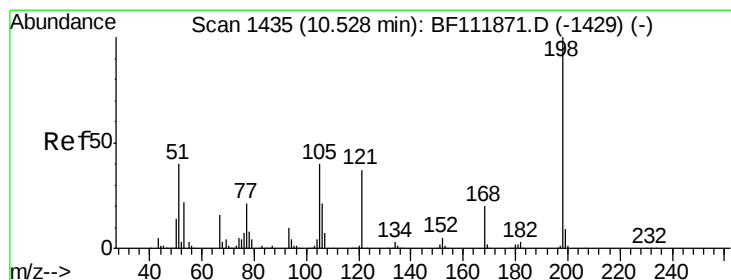
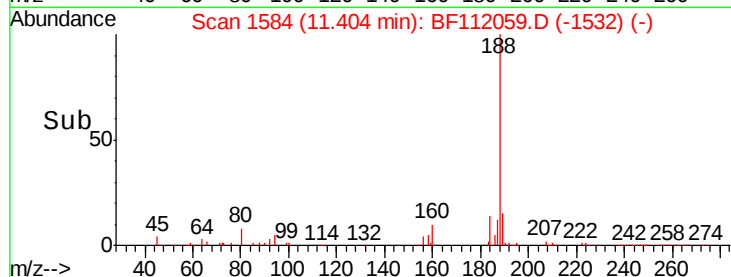
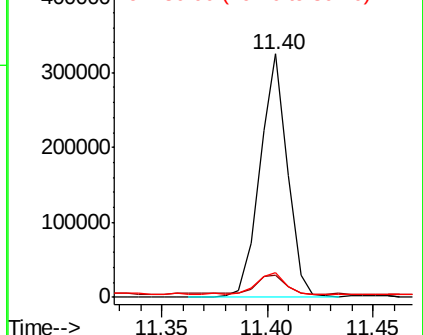
80 10.2 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 2.872 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

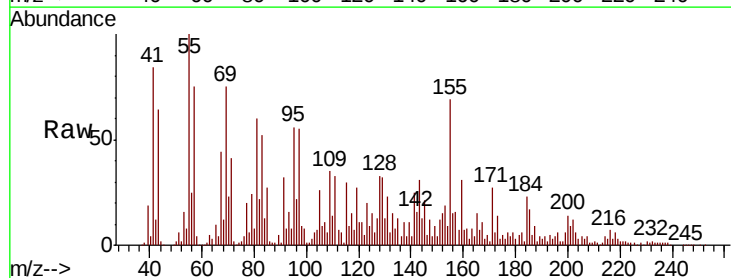
Tgt Ion:198 Resp: 5117

Ion Ratio Lower Upper

198 100

51 249.1 27.2 67.2#

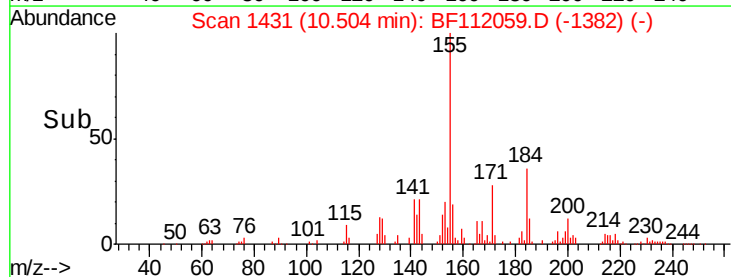
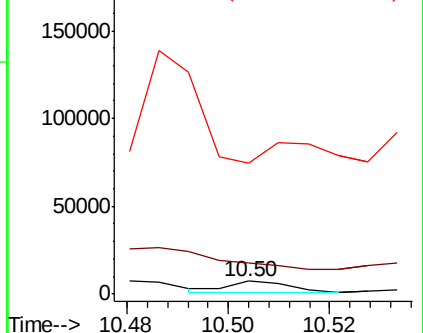
105 1029.7 21.0 61.0#

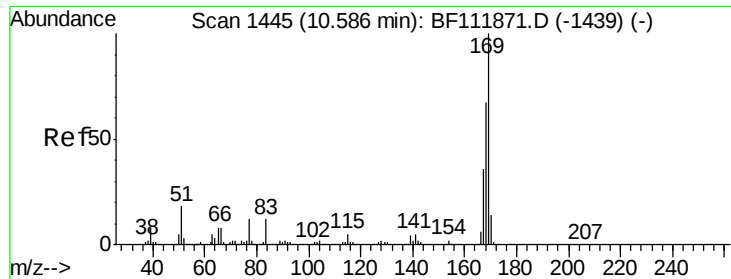


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 22.516 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

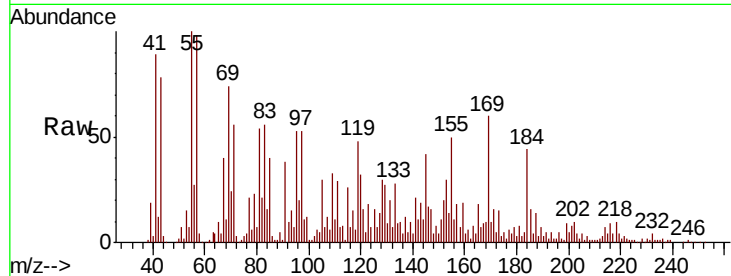
Tgt Ion:169 Resp: 218142

Ion Ratio Lower Upper

169 100

168 16.5 53.8 80.6#

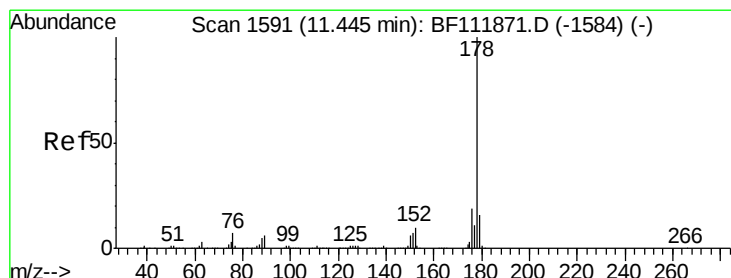
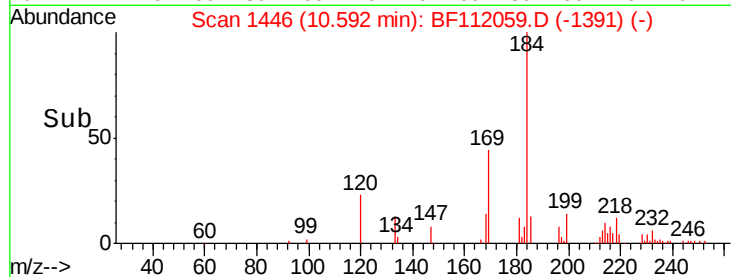
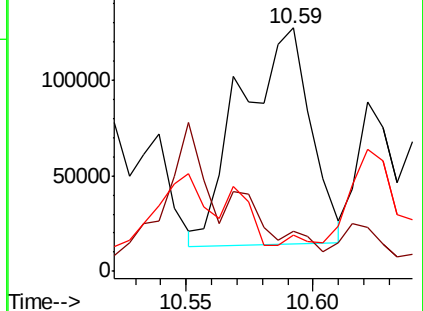
167 15.0 29.1 43.7#



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



#71

Phenanthrene

Concen: 42.110 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

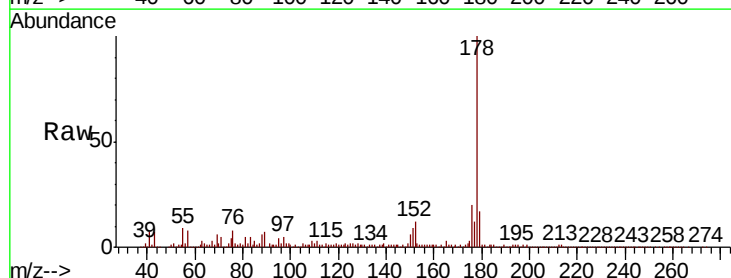
Tgt Ion:178 Resp: 649986

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

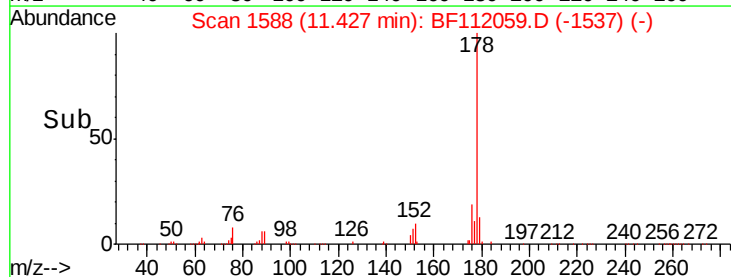
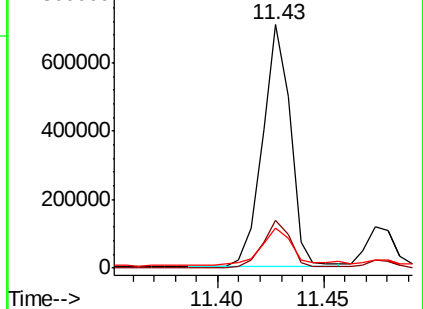
179 16.7 12.6 18.8

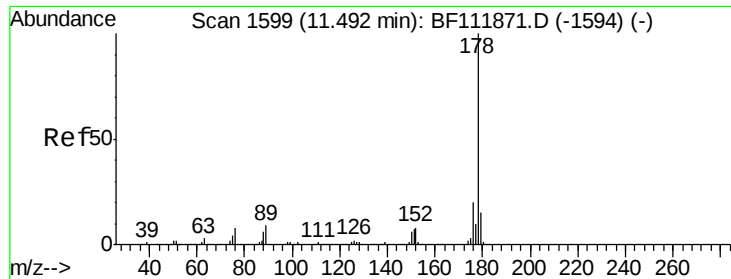


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

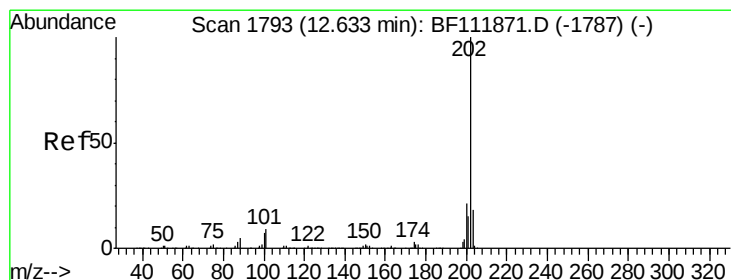
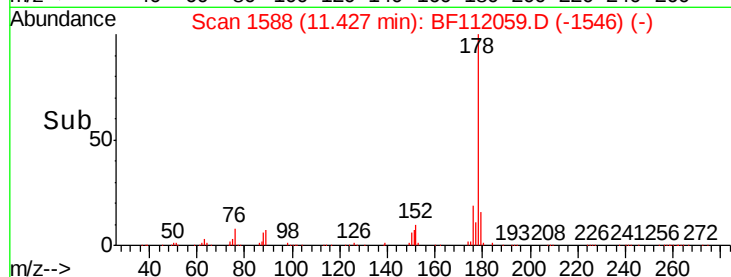
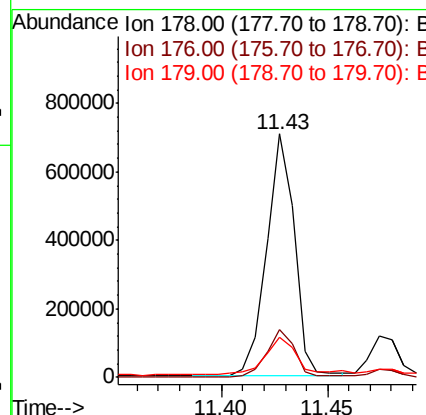
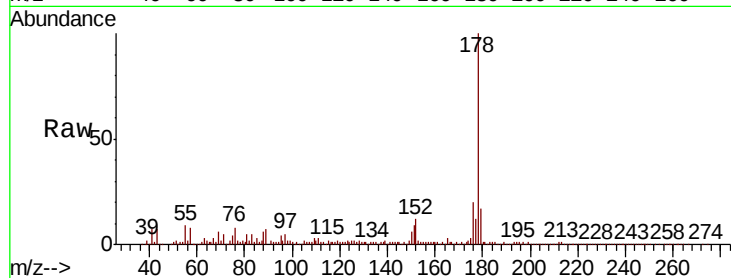




#72
 Anthracene
 Concen: 41.482 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.05 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

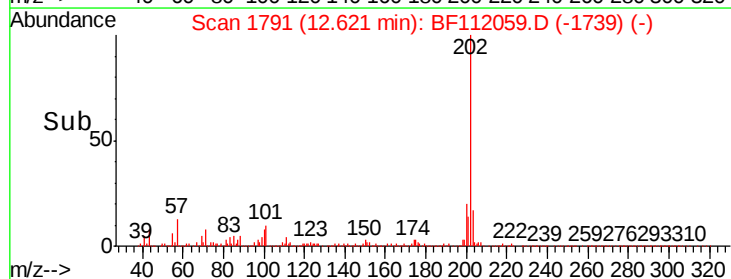
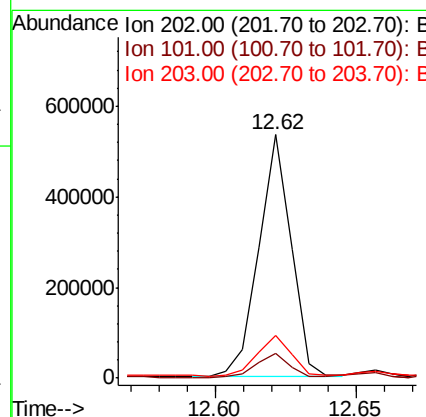
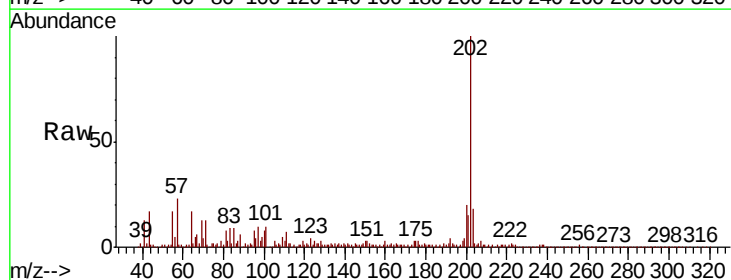
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

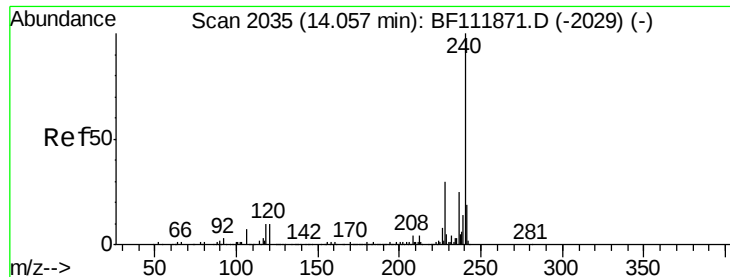
Tgt Ion:178 Resp: 649986
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 16.7 12.4 18.6



#75
 Fluoranthene
 Concen: 26.880 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion:202 Resp: 425940
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 29.3
 203 17.5 0.0 37.6

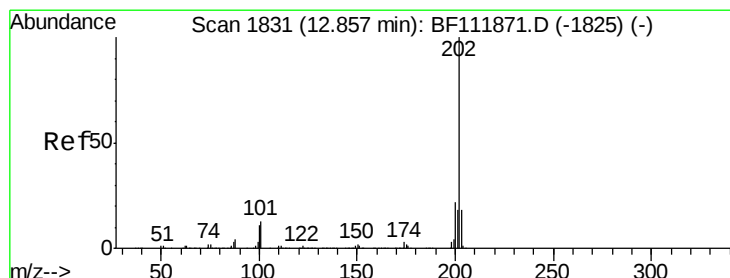
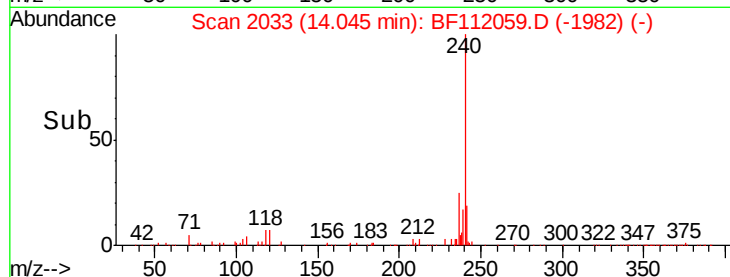
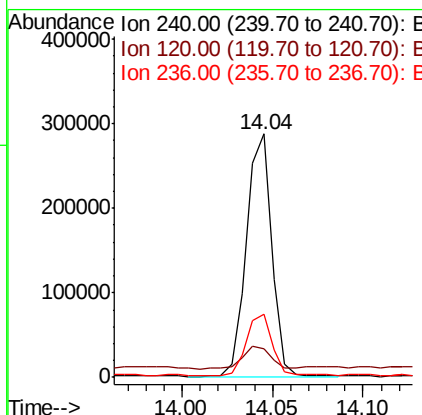
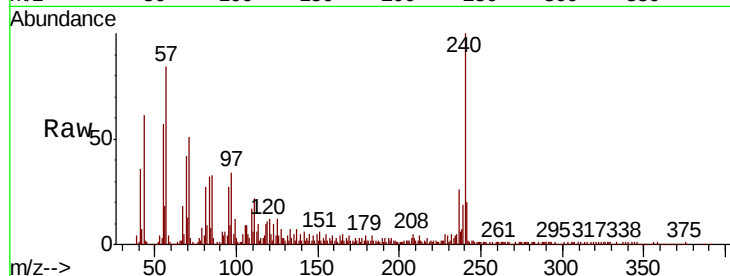




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

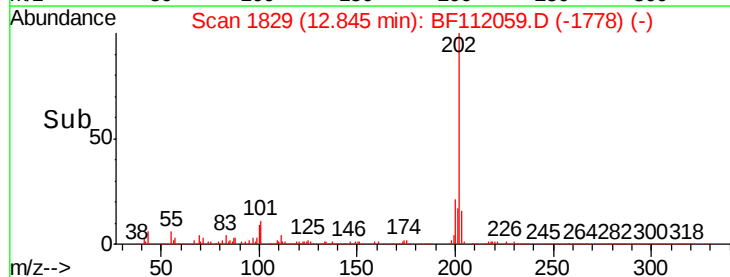
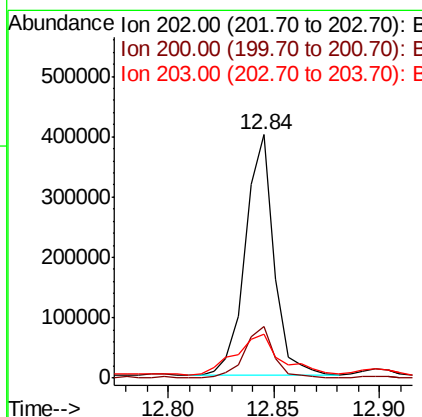
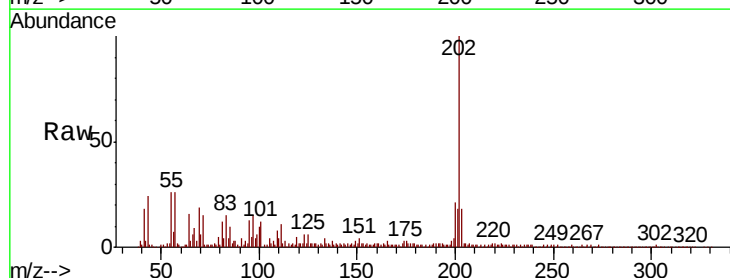
Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

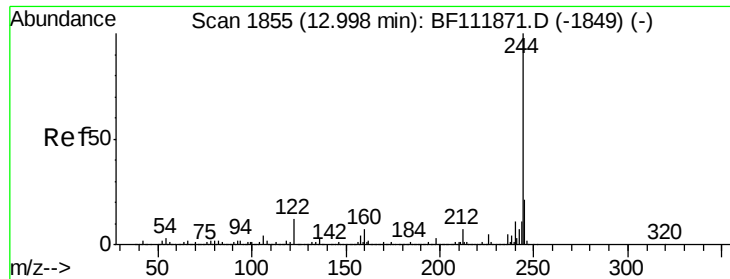
Tgt Ion:240 Resp: 277813
Ion Ratio Lower Upper
240 100
120 11.9 8.2 12.2
236 26.2 20.2 30.4



#78
Pyrene
Concen: 19.776 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion:202 Resp: 378018
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.0 14.6 21.8

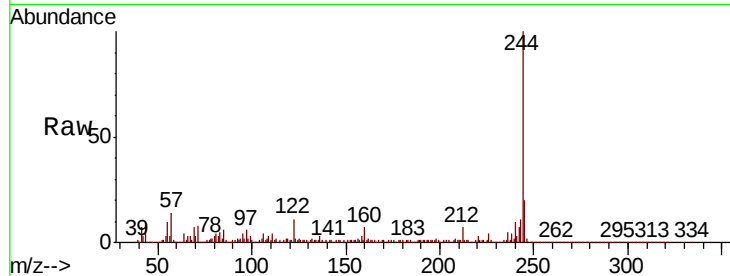




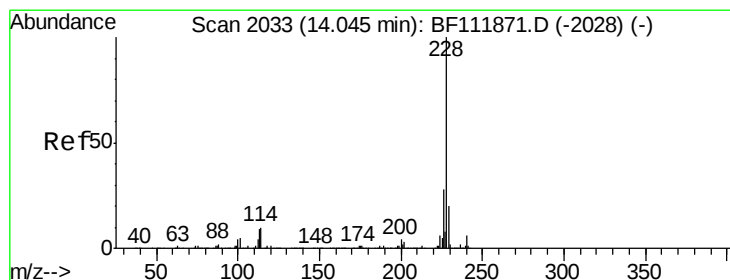
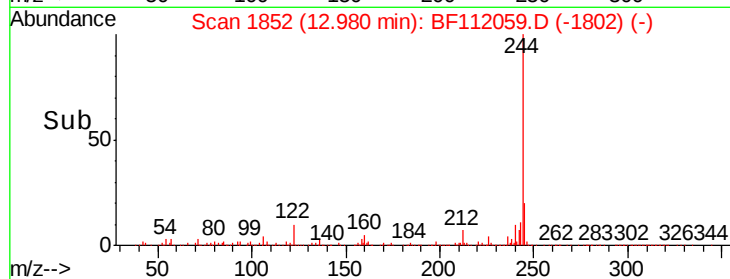
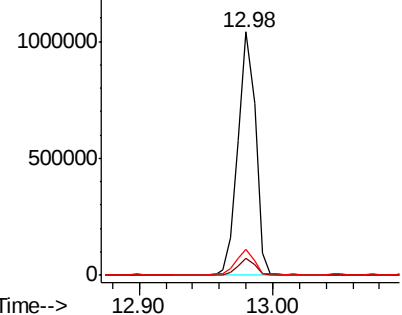
#79
 Terphenyl-d14
 Concen: 63.726 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.5	9.5	14.3

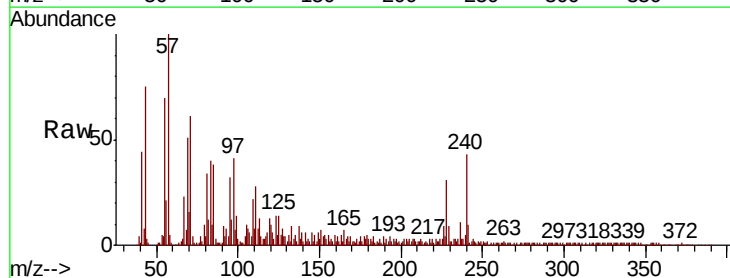


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

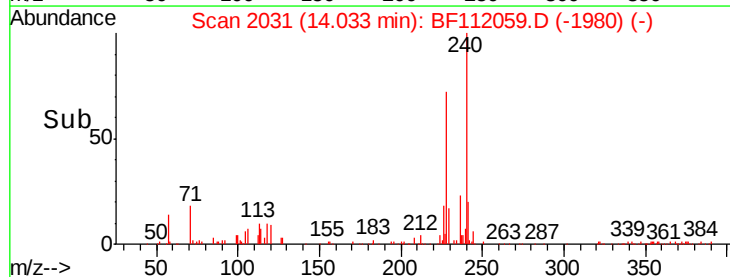
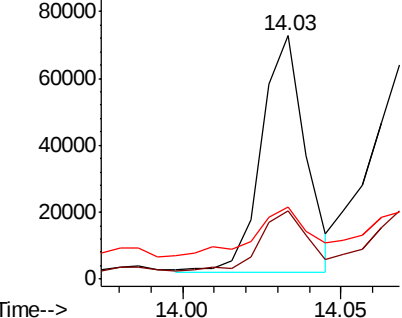


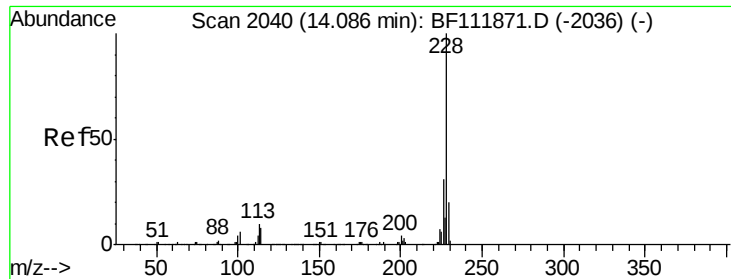
#81
 Benzo(a)anthracene
 Concen: 4.315 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	29.8	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: 4.615 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

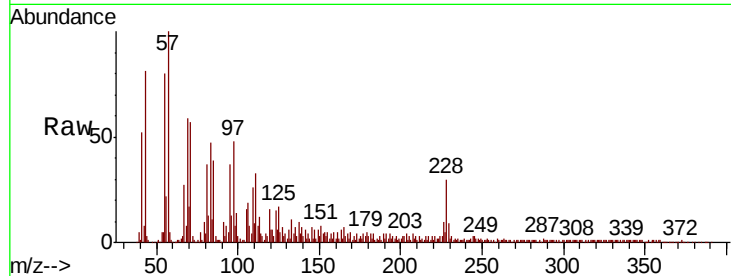
Tgt Ion:228 Resp: 70348

Ion Ratio Lower Upper

228 100

226 32.2 24.6 37.0

229 31.2 15.7 23.5#

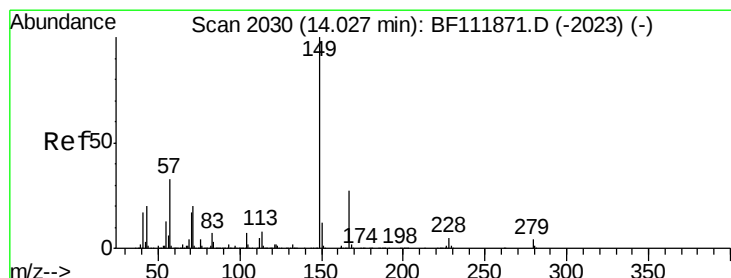
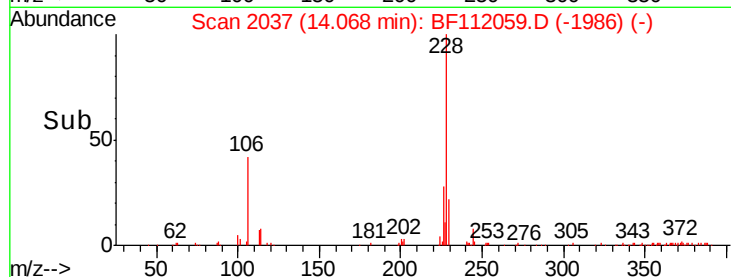
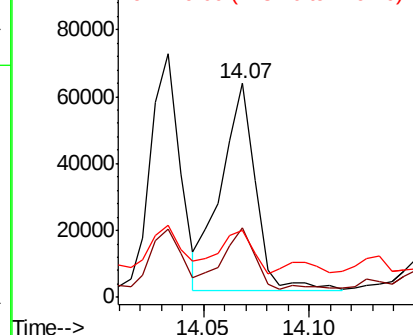


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.300 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

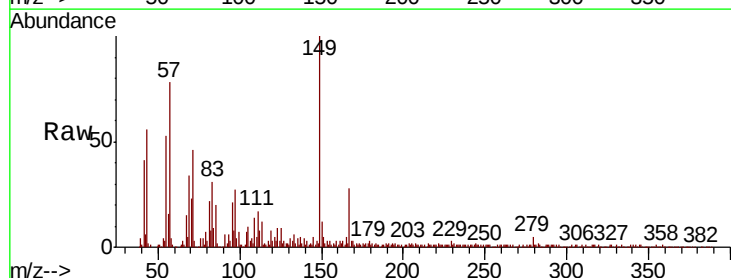
Tgt Ion:149 Resp: 300348

Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.6 3.0 4.6#

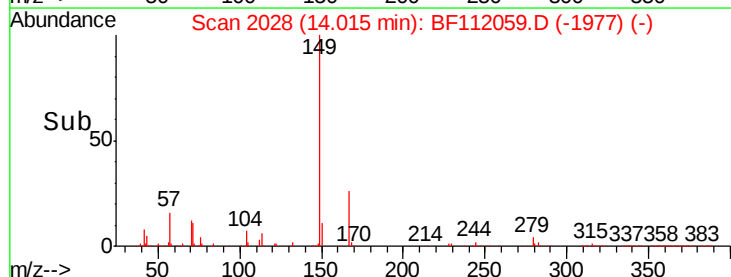
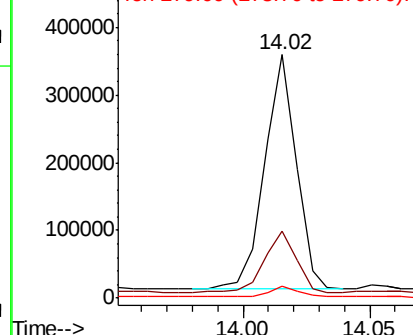


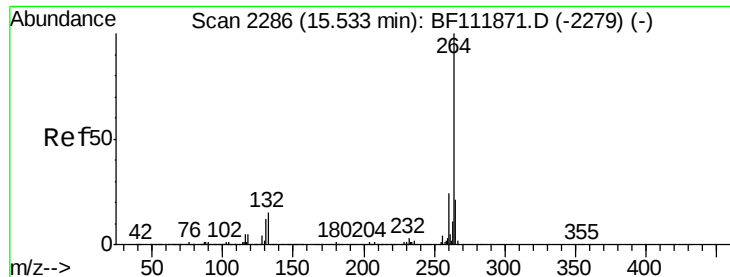
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

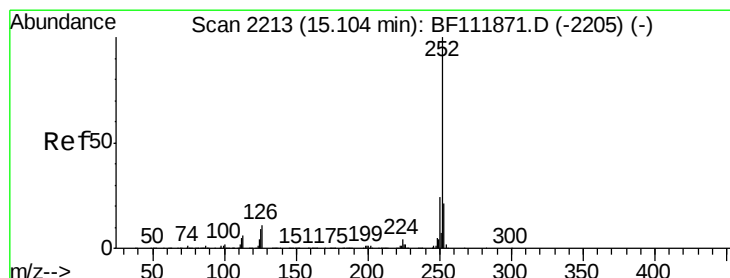
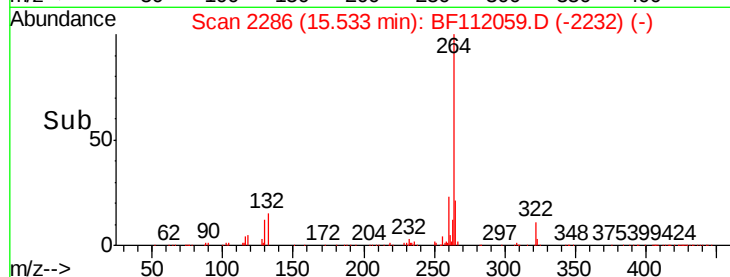
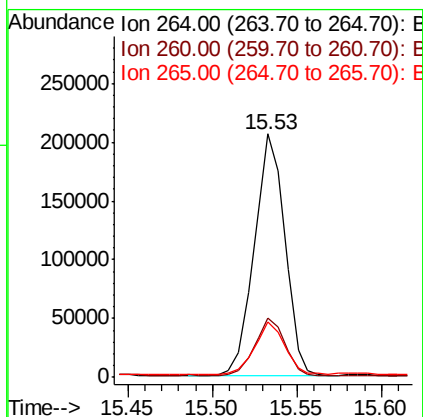
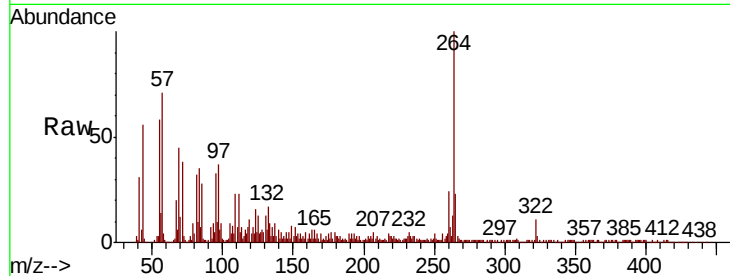




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

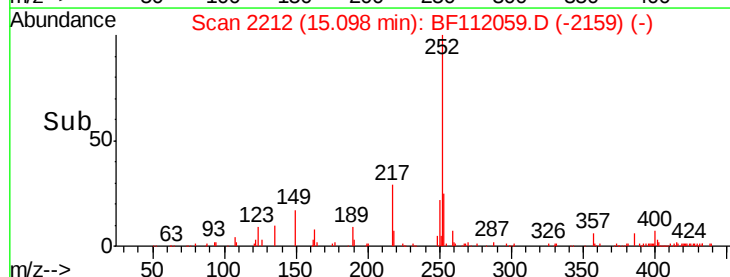
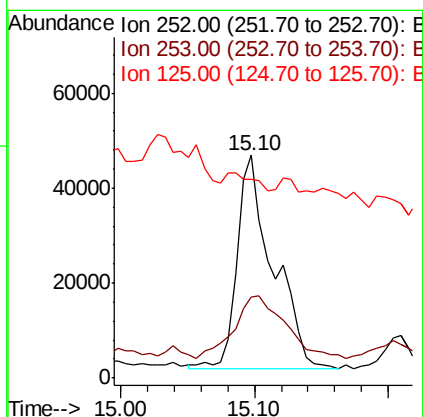
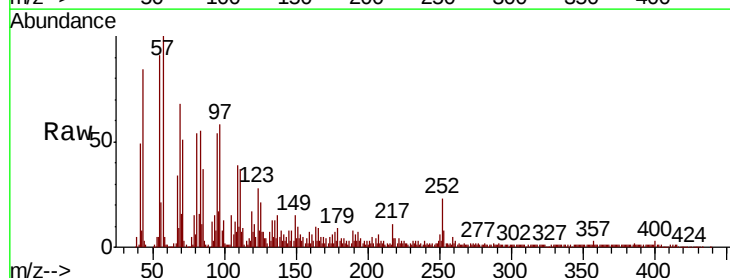
Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

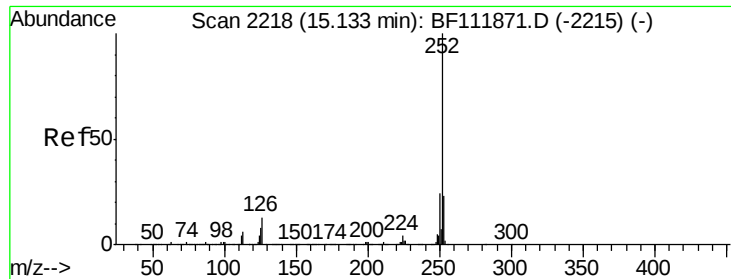
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 5.345 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	17.0	25.6#
125	89.3	7.1	10.7#





#89

Benzo(k)fluoranthene

Concen: 5.687 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

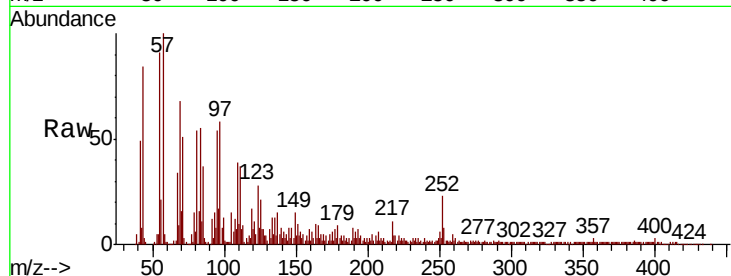
Tgt Ion:252 Resp: 83405

Ion Ratio Lower Upper

252 100

253 36.5 17.8 26.6#

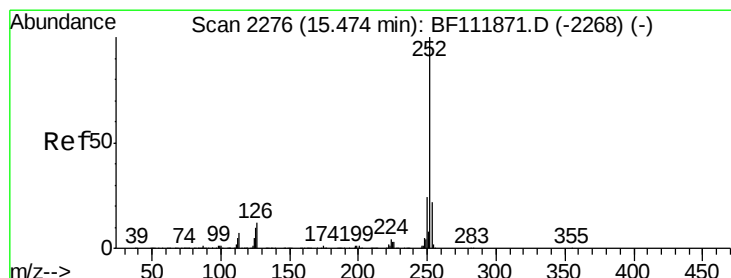
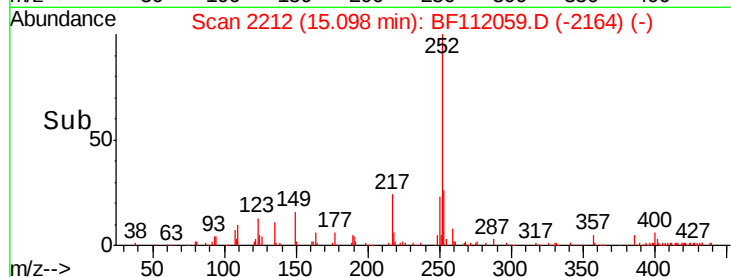
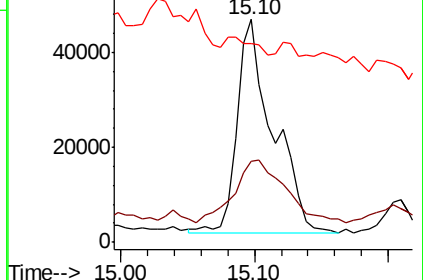
125 89.3 7.0 10.4#



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: 2.518 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

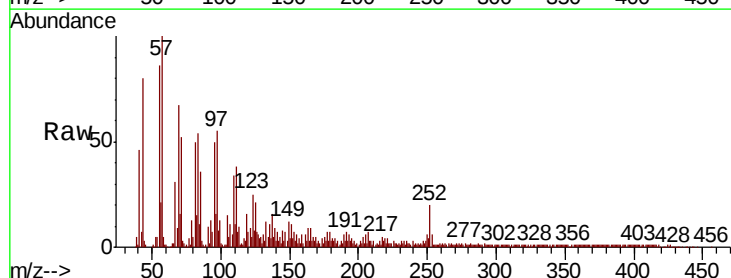
Tgt Ion:252 Resp: 34545

Ion Ratio Lower Upper

252 100

253 29.6 17.4 26.2#

125 103.8 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

