

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115021.D
 Acq On : 14 Jun 2019 00:03
 Operator : HP/JU
 Sample : K3345-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1 061219

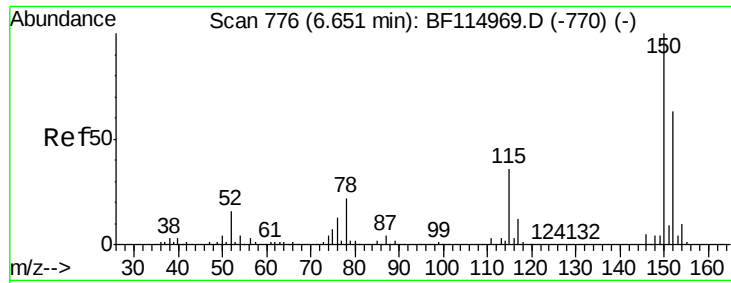
Quant Time: Jun 14 03:51:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	264677	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	961020	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	474432	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	892663	20.00	ng	0.00
76) Chrysene-d12	13.77	240	589427	20.00	ng	-0.01
87) Perylene-d12	15.14	264	546122	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	591319	37.30	ng	0.00
7) Phenol-d6	6.29	99	888125	46.45	ng	0.00
23) Nitrobenzene-d5	7.22	82	1367844	85.67	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	622268	122.48	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2523318	90.14	ng	0.00
79) Terphenyl-d14	12.73	244	2578777	82.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.17	77	90591	2.443	ng	# 1
15) Benzyl Alcohol	6.80	79	31220	2.179	ng	# 46
18) Hexachloroethane	7.15	117	77102	10.116	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	190867	16.430	ng	# 78
22) Acetophenone	7.05	105	718403	33.023	ng	# 56
24) Nitrobenzene	7.23	77	52235	3.216	ng	# 9
25) Isophorone	7.22	82	1306761	43.700	ng	# 63
27) 2,4-Dimethylphenol	7.61	122	34142	2.614	ng	# 87
31) Naphthalene	7.96	128	4161834	91.529	ng	# 96
32) Benzoic acid	7.71	122	34318	3.631	ng	# 1
33) 4-Chloroaniline	7.96	127	625745	29.813	ng	# 34
37) 2-Methylnaphthalene	8.65	142	1976157	65.161	ng	# 99
38) 1-Methylnaphthalene	8.74	142	1641623	57.272	ng	# 99
46) 1,1'-Biphenyl	9.10	154	239432	6.298	ng	# 95
58) Fluorene	10.22	166	41521	Below Cal	#	93
61) 4-Chlorophenyl-phenylether	10.20	204	798	Below Cal	#	29
67) 4-Bromophenyl-phenylether	10.46	248	40868	4.264	ng	# 1

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

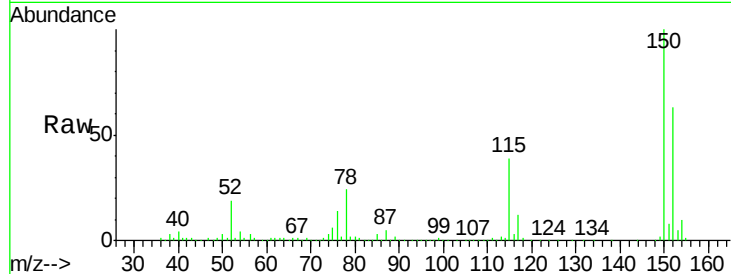


#1

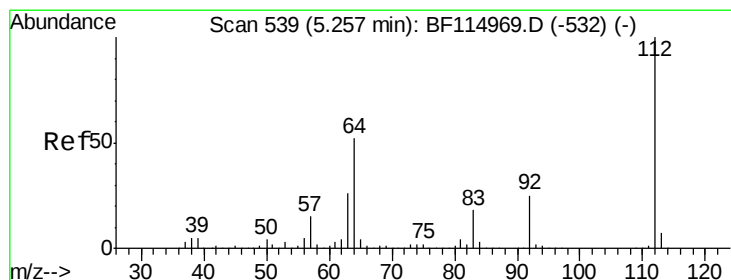
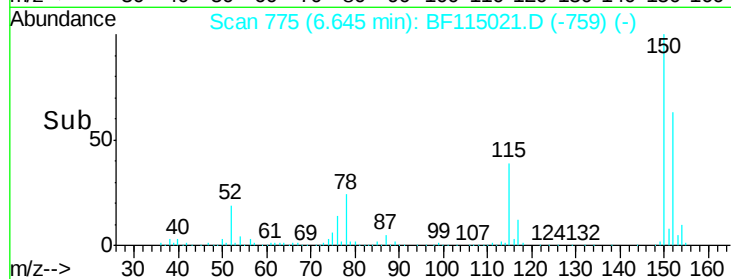
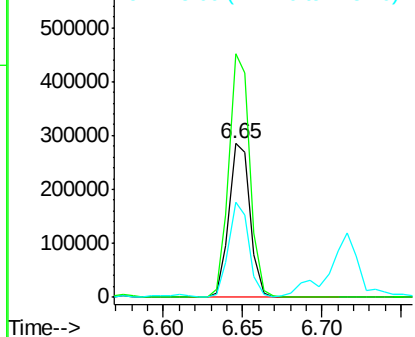
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Instrument :
BNA_F
ClientSampleId :
PR-MW-1_061219

Tgt Ion:152 Resp: 264677
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.7 46.0 69.0



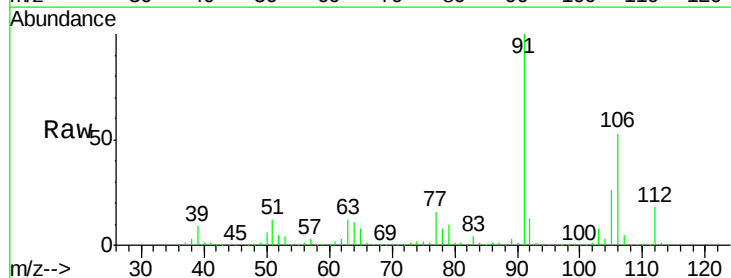
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



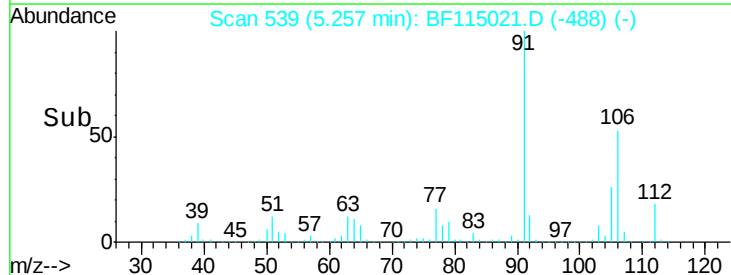
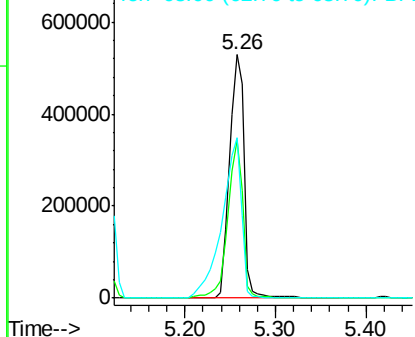
#5

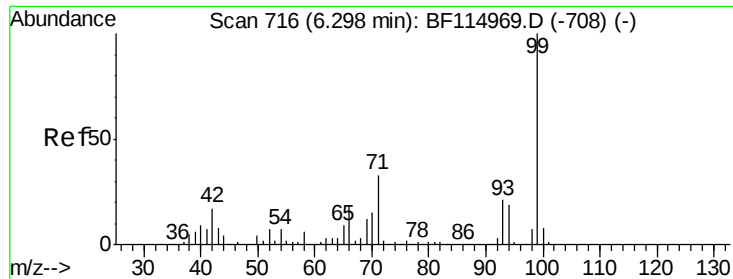
2-Fluorophenol
Concen: 37.305 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:112 Resp: 591319
Ion Ratio Lower Upper
112 100
64 64.8 41.6 62.4#
63 66.0 20.9 31.3#



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: 46.448 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1_061219

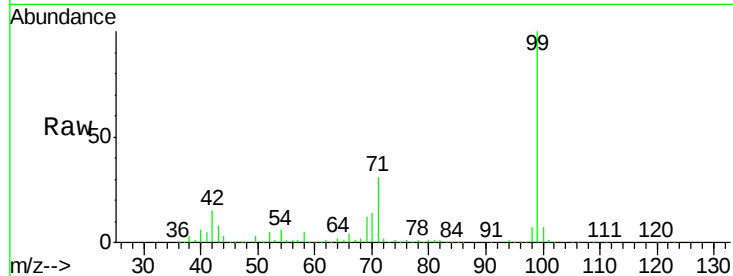
Tgt Ion: 99 Resp: 888125

Ion Ratio Lower Upper

99 100

42 15.4 13.4 20.2

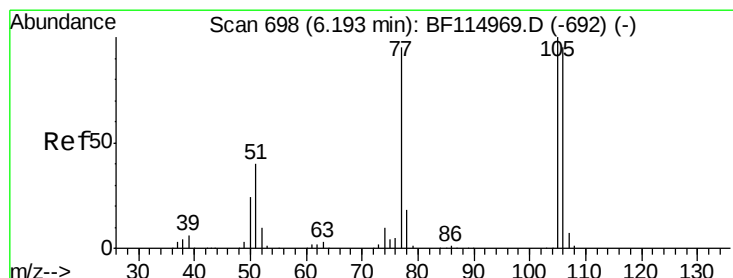
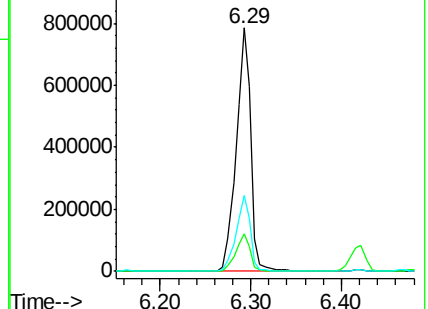
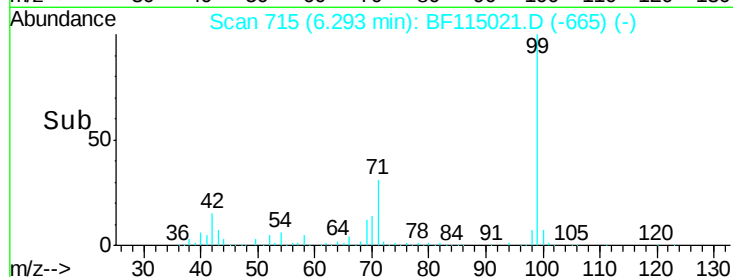
71 31.4 26.4 39.6



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



#9

Benzaldehyde

Concen: 2.443 ng

RT: 6.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

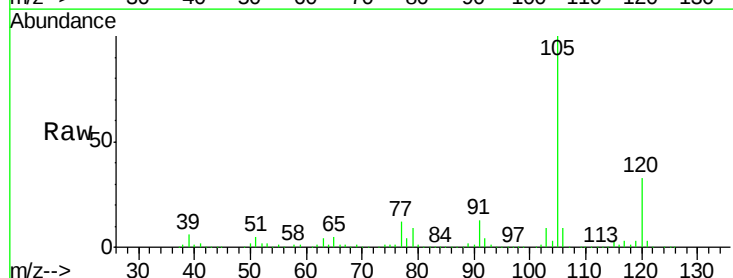
Tgt Ion: 77 Resp: 90591

Ion Ratio Lower Upper

77 100

105 866.5 85.1 125.1#

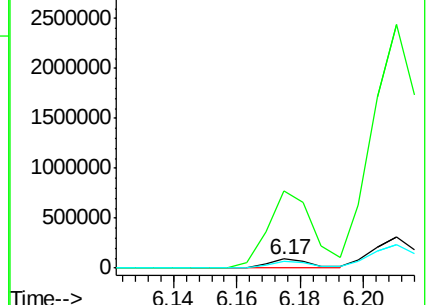
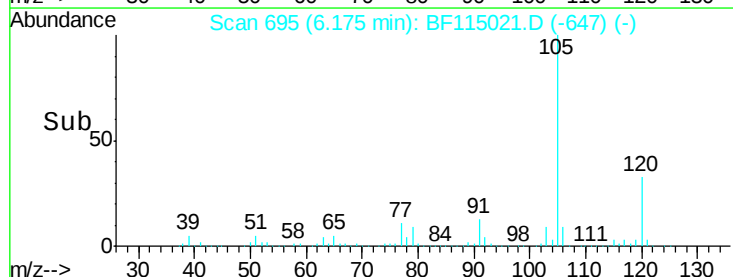
106 79.2 80.0 120.0#

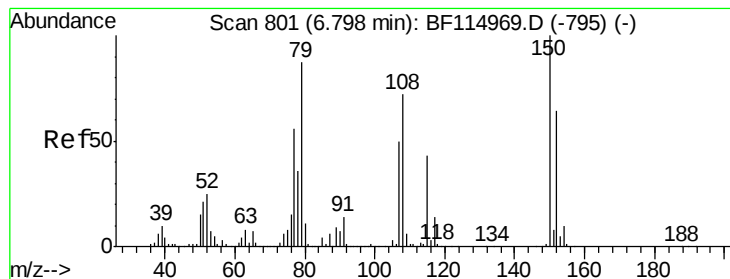


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 2.179 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1_061219

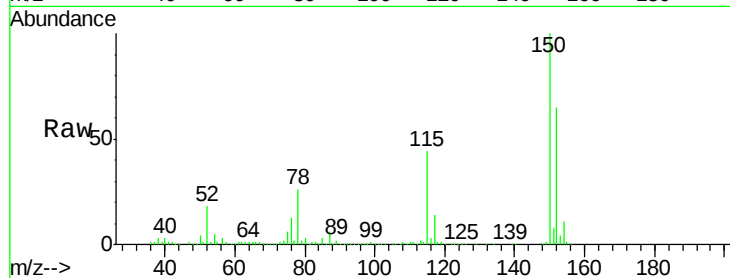
Tgt Ion: 79 Resp: 31220

Ion Ratio Lower Upper

79 100

108 26.9 66.0 99.0#

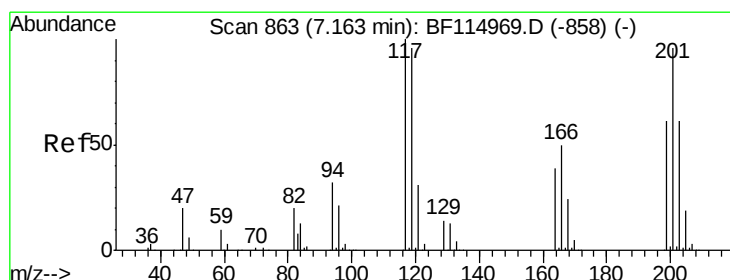
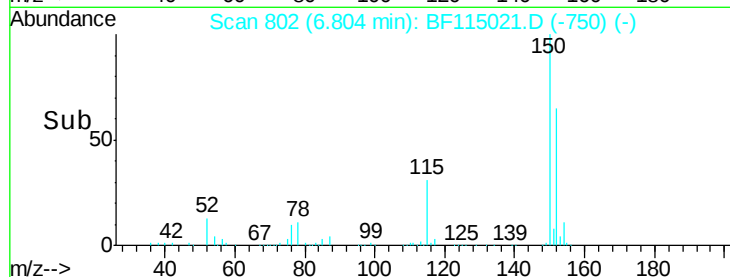
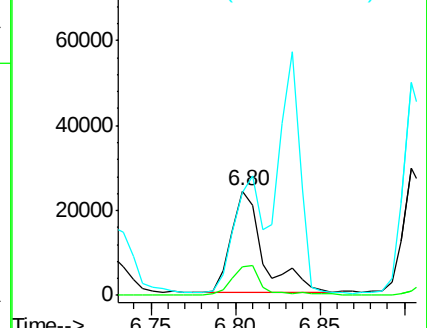
77 98.7 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 10.116 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

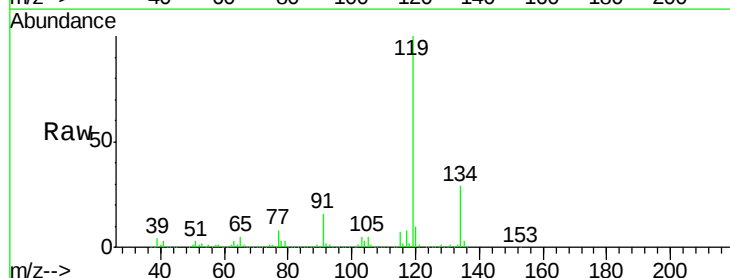
Tgt Ion: 117 Resp: 77102

Ion Ratio Lower Upper

117 100

119 1238.6 77.0 115.4#

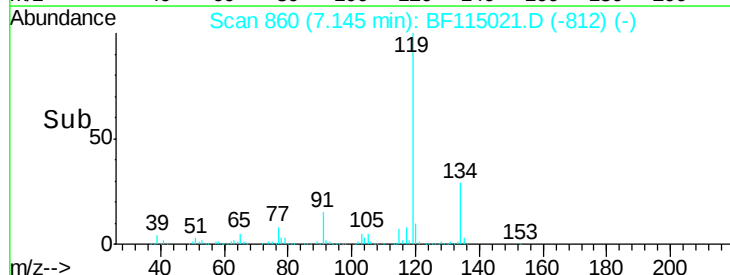
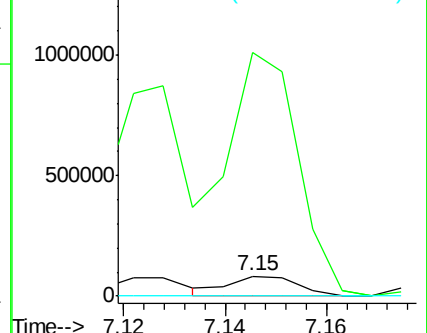
201 0.0 76.6 115.0#

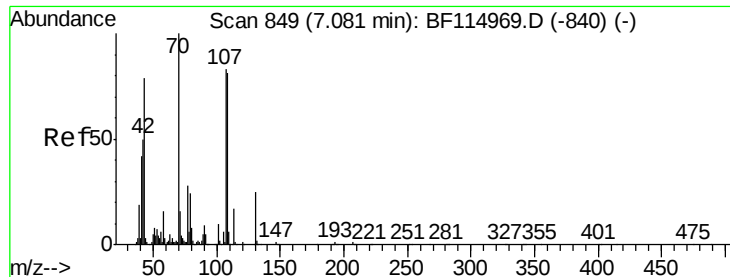


Abundance Ion 117.00 (116.70 to 117.70): BF1

Ion 119.00 (118.70 to 119.70): BF1

Ion 201.00 (200.70 to 201.70): BF1

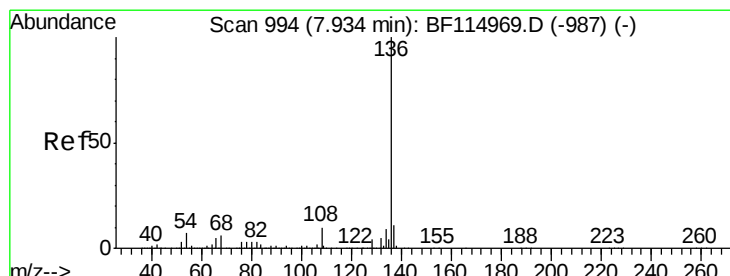
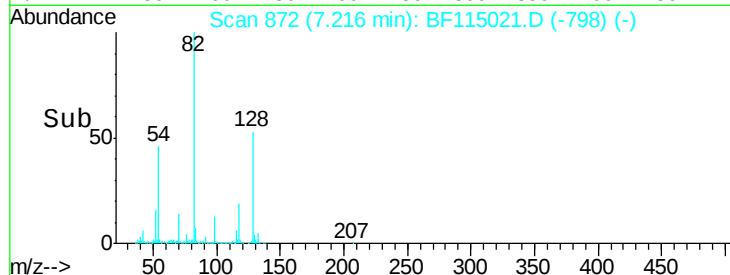
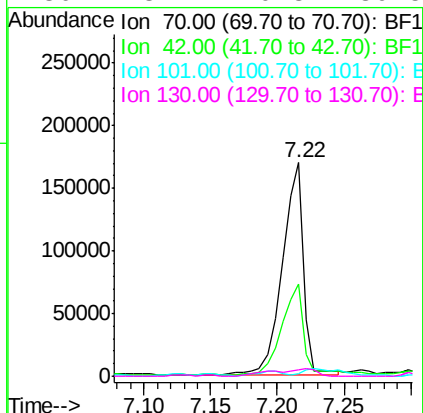
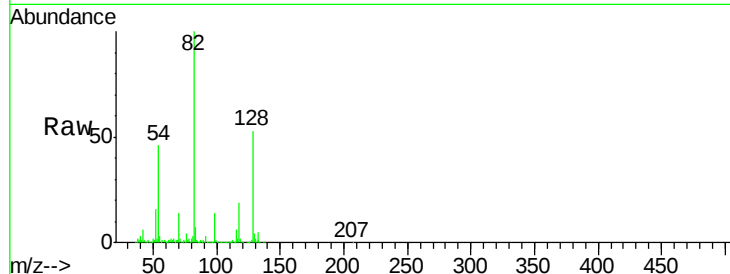




#19
n-Nitroso-di-n-propylamine
Concen: 16.430 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

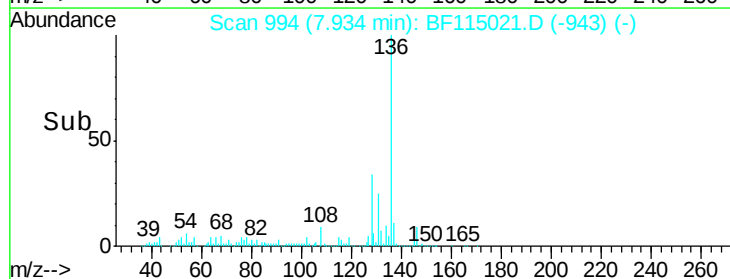
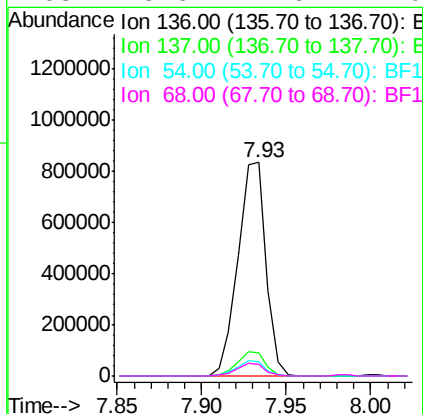
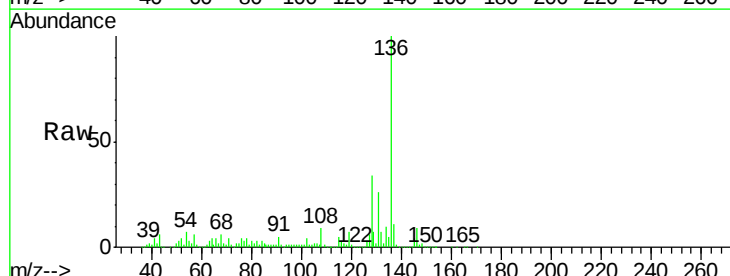
Instrument :
BNA_F
ClientSampleId :
PR-MW-1_061219

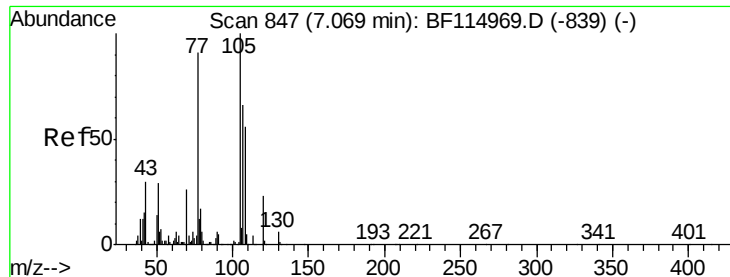
Tgt Ion:	70	Resp:	190867
Ion	Ratio	Lower	Upper
70	100		
42	42.9	40.3	60.5
101	1.3	8.2	12.4#
130	3.2	20.3	30.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:	136	Resp:	961020
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	5.4	8.0
68	5.6	4.6	7.0





#22

Acetophenone

Concen: 33.023 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1_061219

Tgt Ion: 105 Resp: 718403

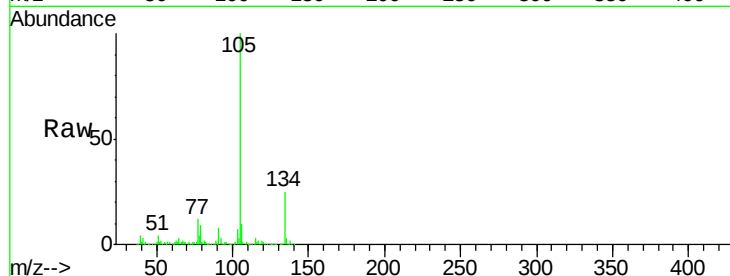
Ion Ratio Lower Upper

105 100

71 0.5 3.4 5.2#

51 3.6 23.3 34.9#

120 0.7 18.8 28.2#

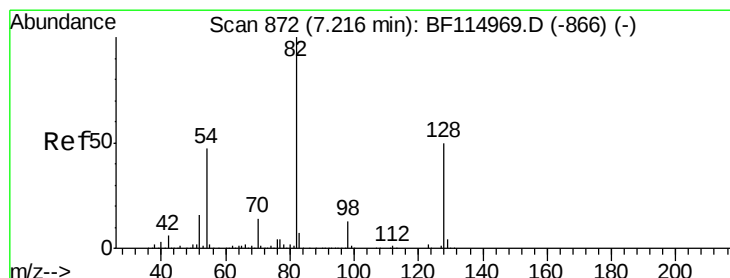
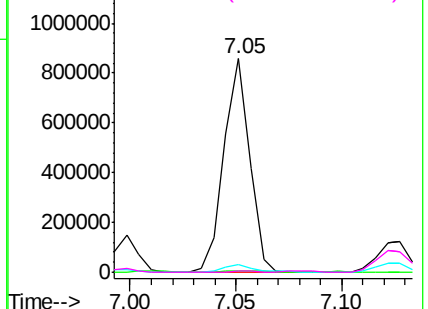
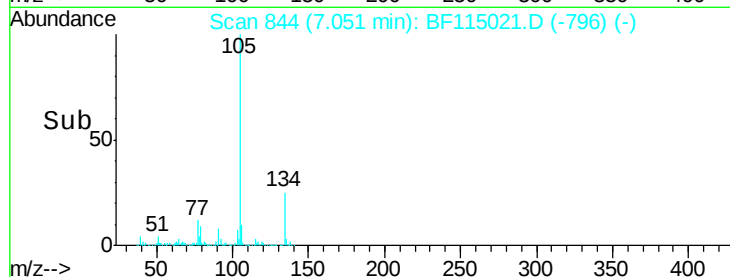


Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.673 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

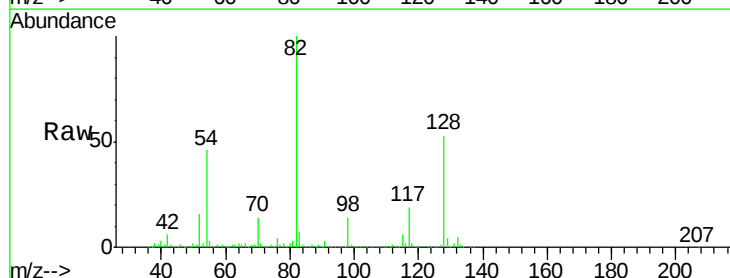
Tgt Ion: 82 Resp: 1367844

Ion Ratio Lower Upper

82 100

128 52.5 39.9 59.9

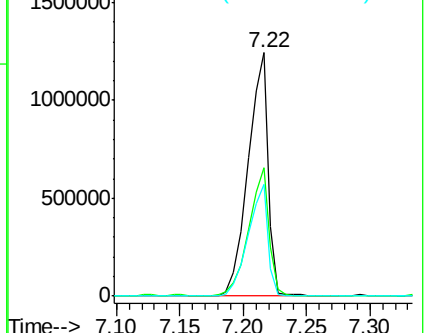
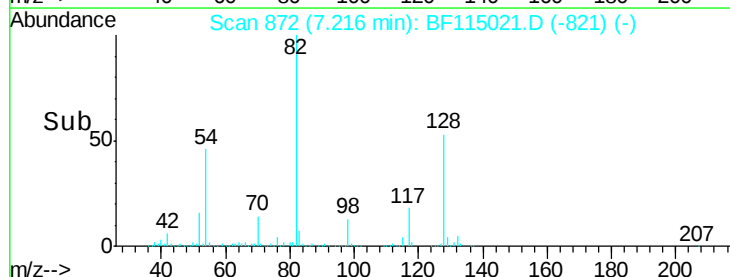
54 45.8 37.3 55.9

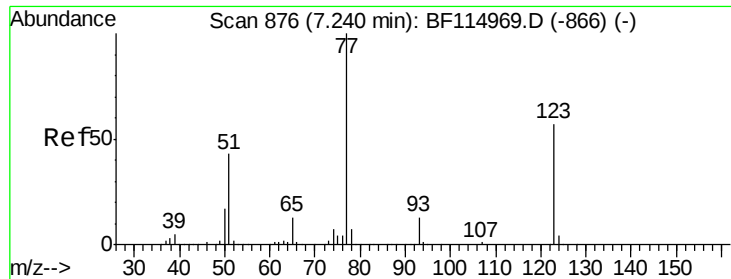


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

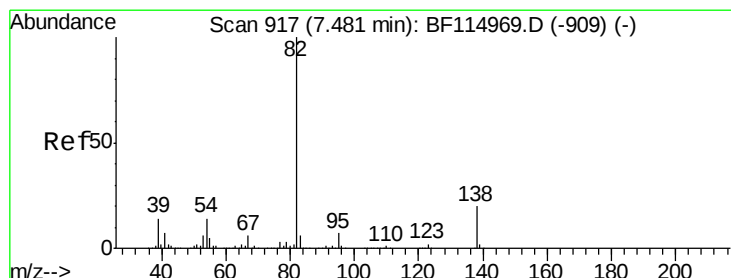
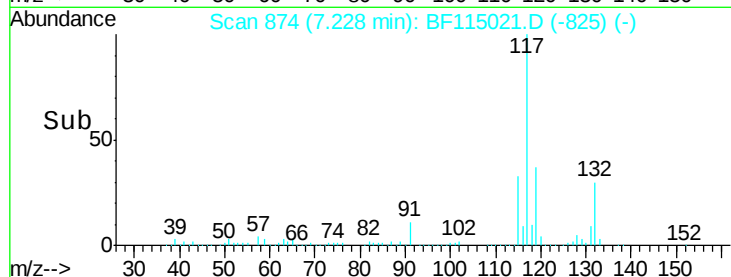
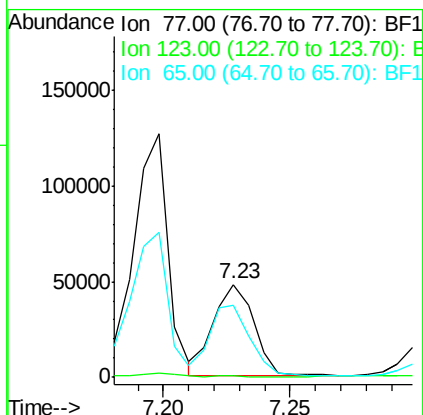
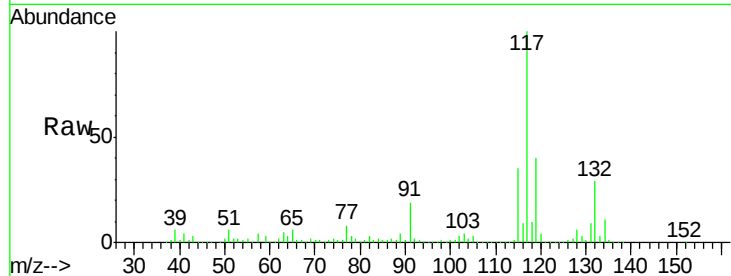




#24
 Nitrobenzene
 Concen: 3.216 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

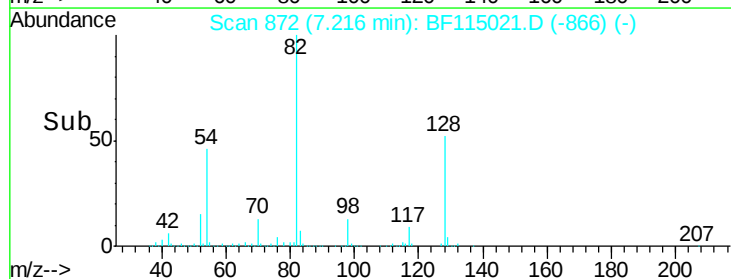
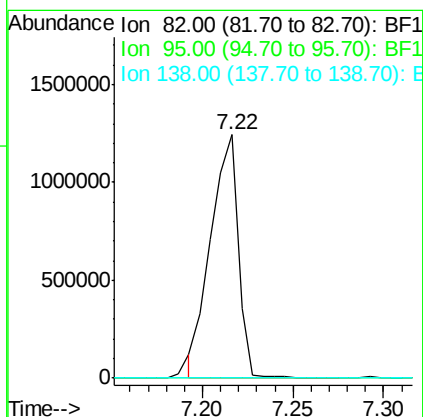
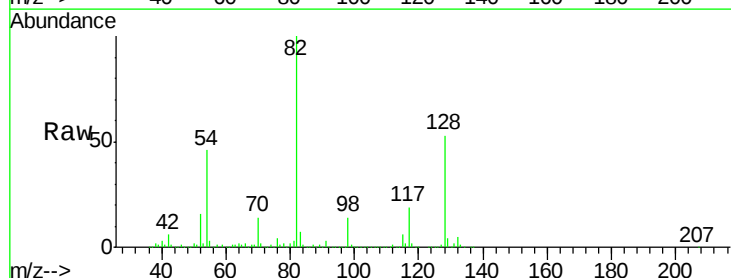
Instrument :
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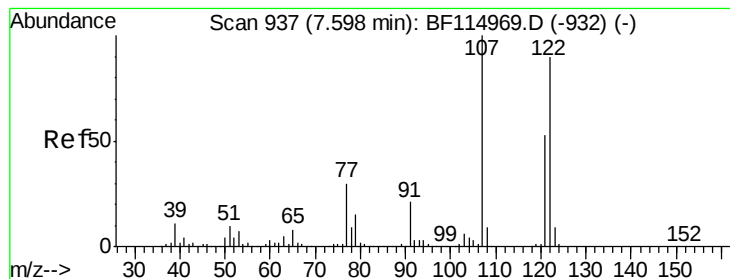
Tgt Ion: 77 Resp: 52235
 Ion Ratio Lower Upper
 77 100
 123 1.6 45.5 68.3#
 65 77.7 10.3 15.5#



#25
 Isophorone
 Concen: 43.700 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.26 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

Tgt Ion: 82 Resp: 1306761
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.6 8.4#
 138 0.0 16.1 24.1#





#27

2,4-Dimethylphenol

Concen: 2.614 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1 061219

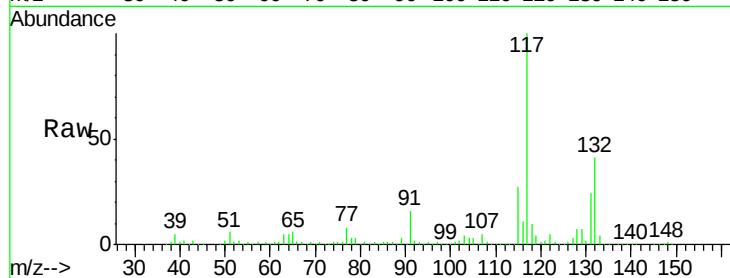
Tgt Ion:122 Resp: 34142

Ion Ratio Lower Upper

122 100

107 101.3 88.8 133.2

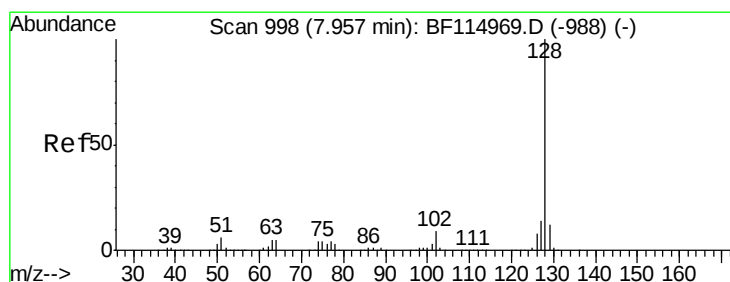
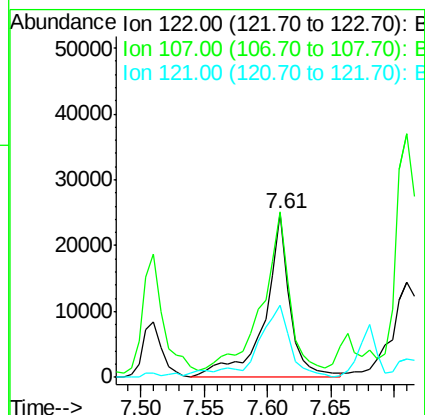
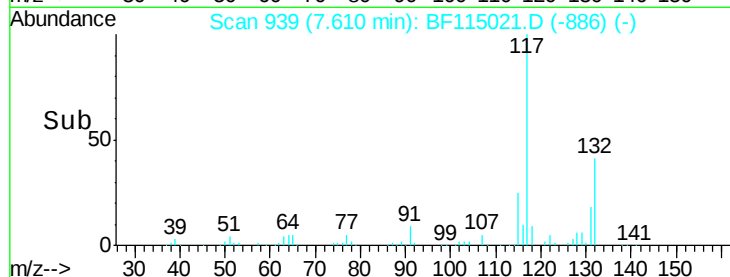
121 43.8 47.4 71.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 91.529 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

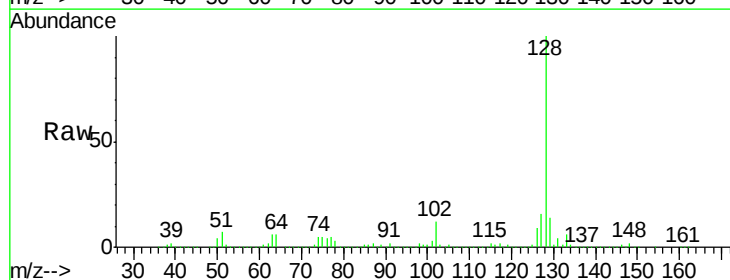
Tgt Ion:128 Resp: 4161834

Ion Ratio Lower Upper

128 100

129 13.6 9.5 14.3

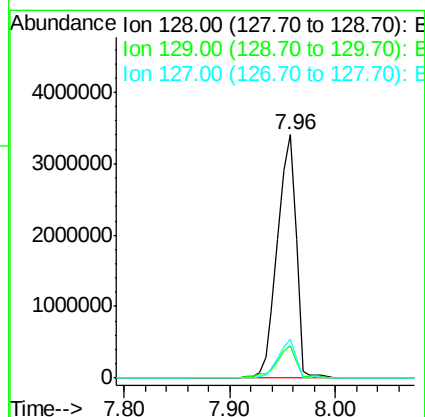
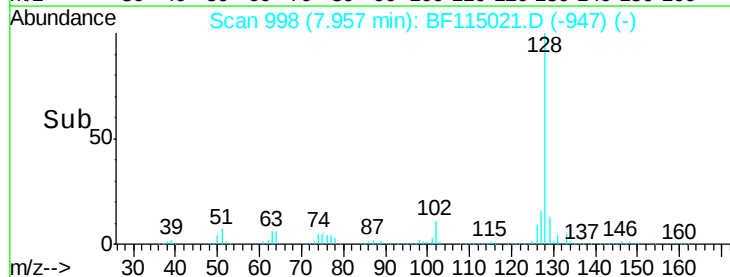
127 16.1 11.5 17.3

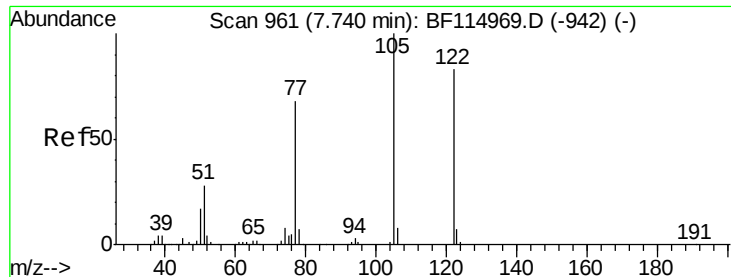


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

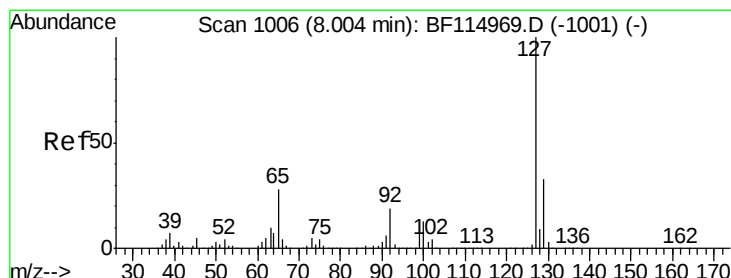
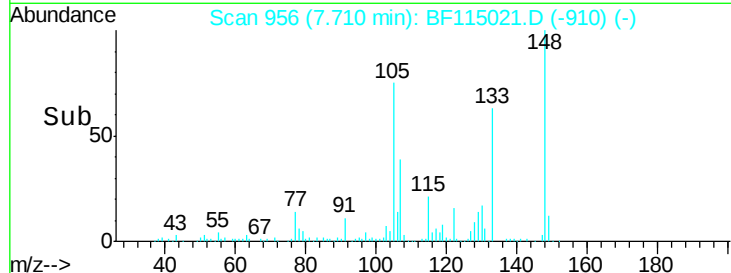
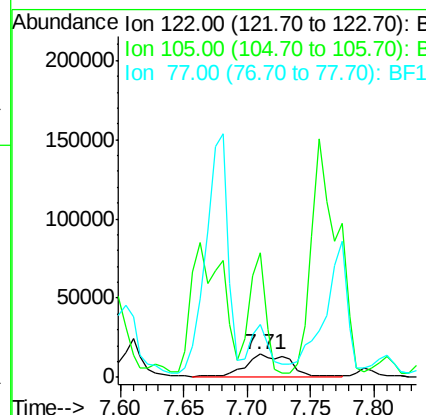
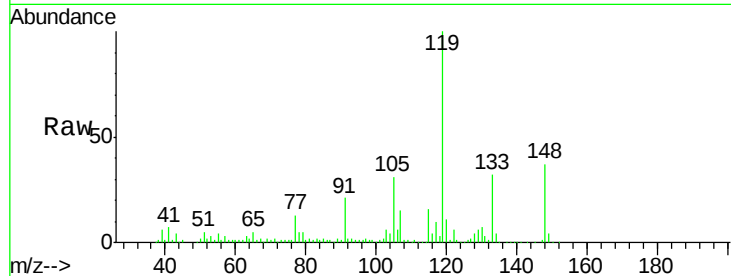




#32
Benzoic acid
Concen: 3.631 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

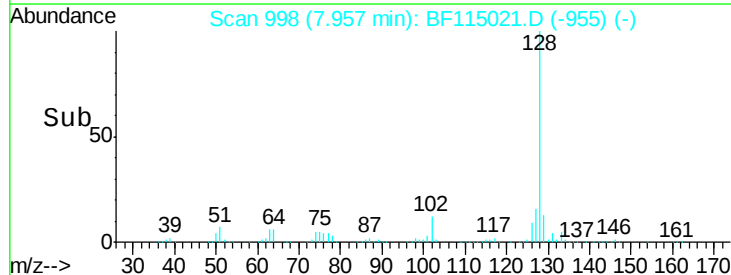
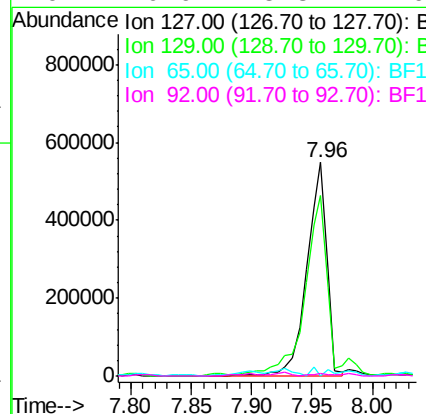
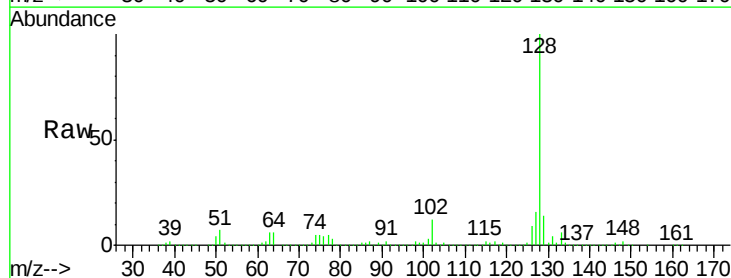
Instrument :
BNA_F
ClientSampleId :
PR-MW-1_061219

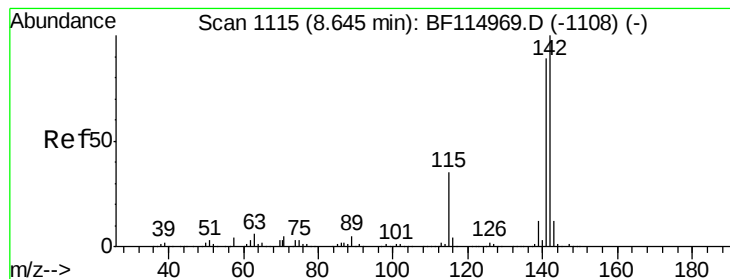
Tgt Ion:122 Resp: 34318
Ion Ratio Lower Upper
122 100
105 541.4 98.6 138.6#
77 228.8 60.9 100.9#



#33
4-Chloroaniline
Concen: 29.813 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:127 Resp: 625745
Ion Ratio Lower Upper
127 100
129 84.3 26.1 39.1#
65 0.0 22.3 33.5#
92 0.9 15.3 22.9#





#37

2-Methylnaphthalene

Concen: 65.161 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1 061219

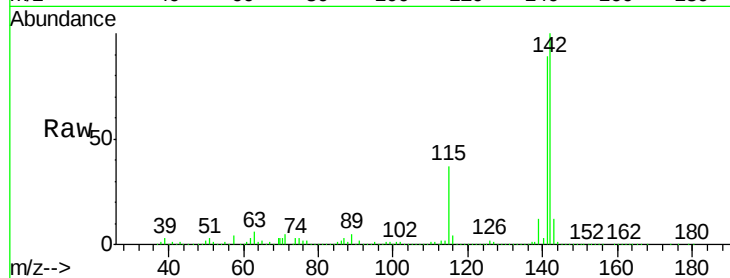
Tgt Ion:142 Resp: 1976157

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

115 36.8 27.9 41.9

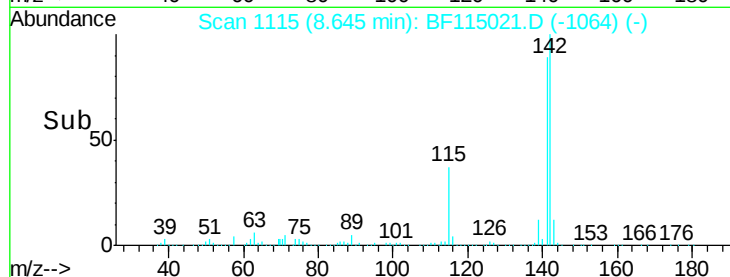


Abundance Ion 142.00 (141.70 to 142.70): E

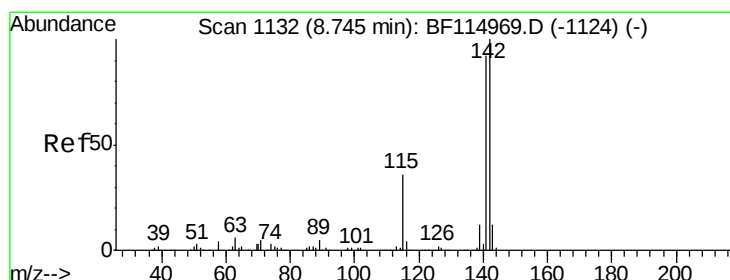
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.65



Time-->



#38

1-Methylnaphthalene

Concen: 57.272 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

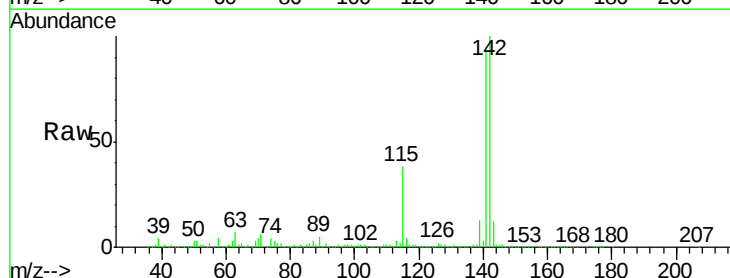
Tgt Ion:142 Resp: 1641623

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.8

116 4.2 2.9 4.3

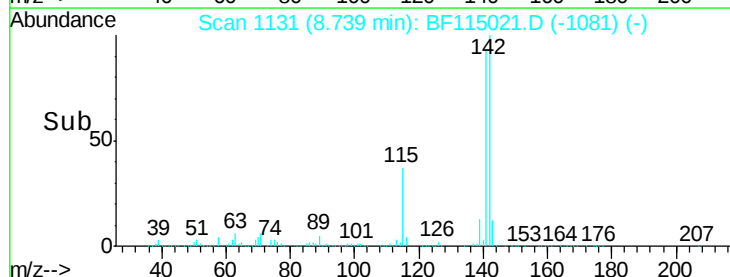


Abundance Ion 142.00 (141.70 to 142.70): E

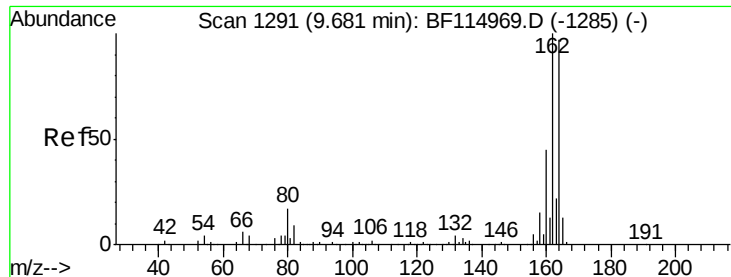
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.74



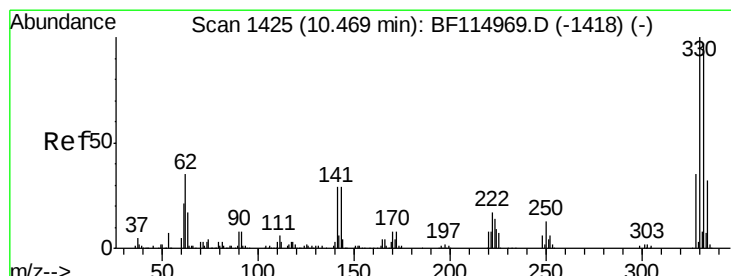
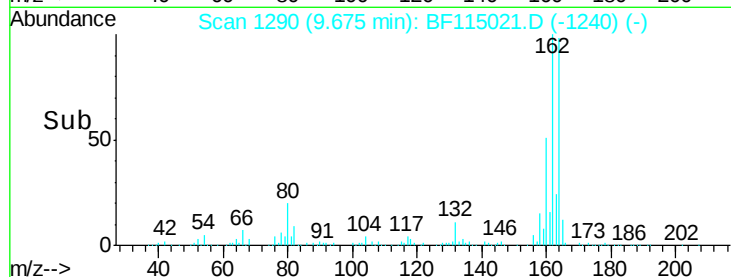
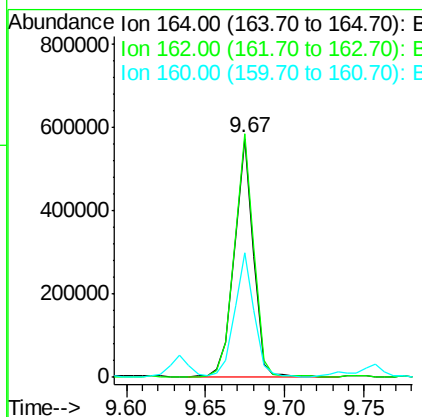
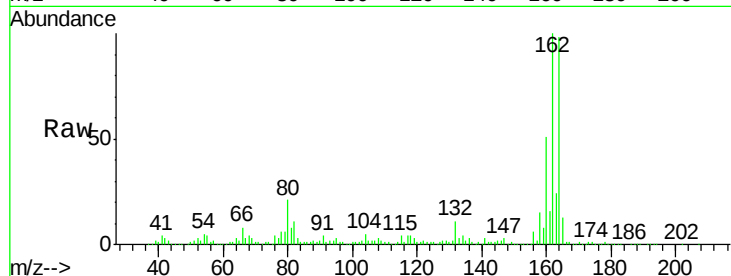
Time-->



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

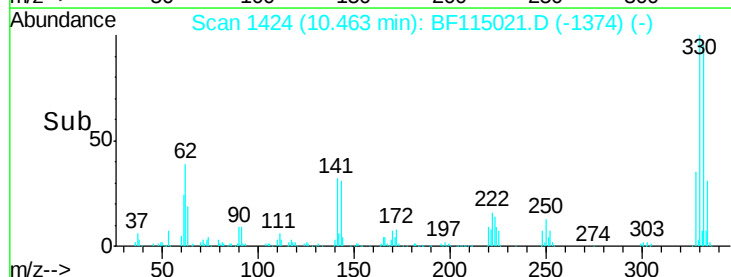
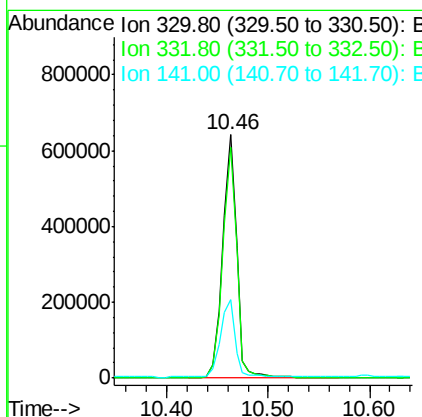
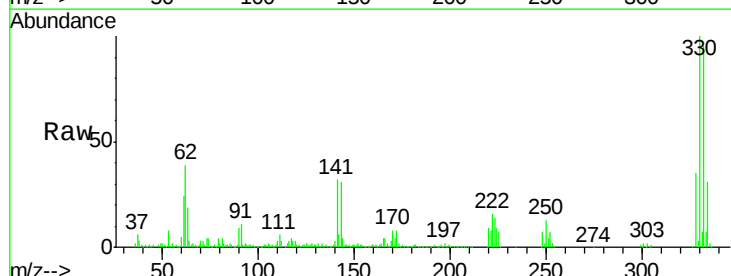
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1_061219

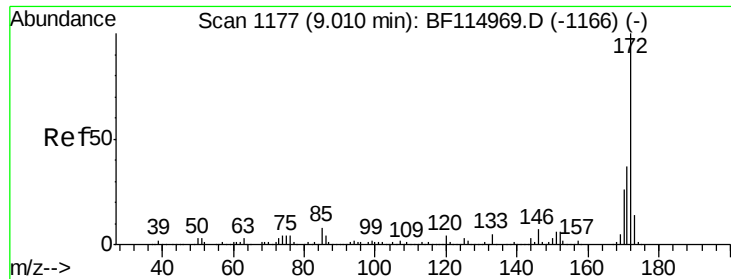
Tgt Ion:164 Resp: 474432
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 124.0
 160 51.9 36.9 55.3



#42
 2,4,6-Tribromophenol
 Concen: 122.481 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

Tgt Ion:330 Resp: 622268
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.6 116.4
 141 32.9 27.2 40.8

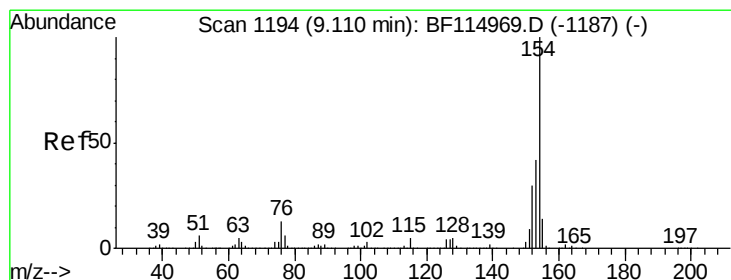
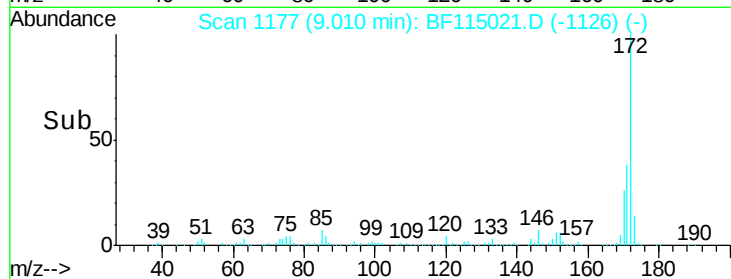
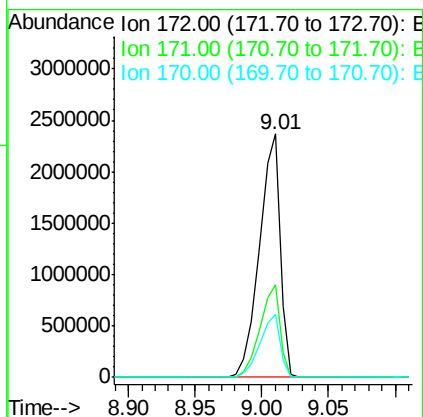
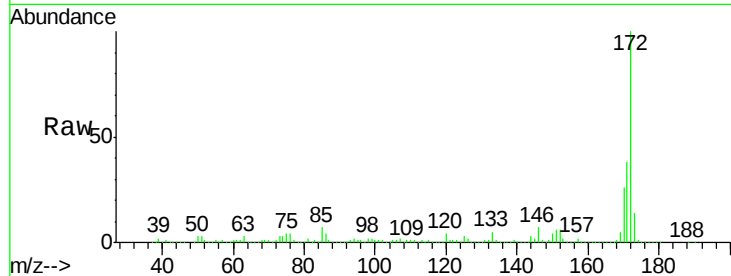




#45
2-Fluorobiphenyl
Concen: 90.142 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

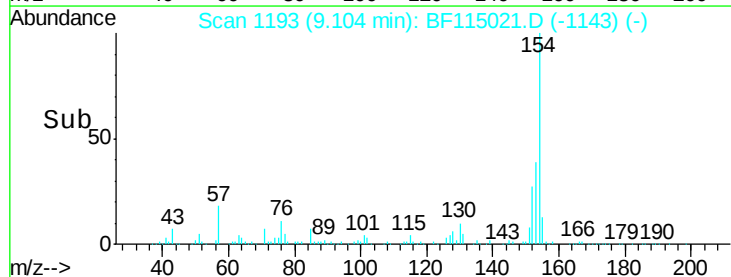
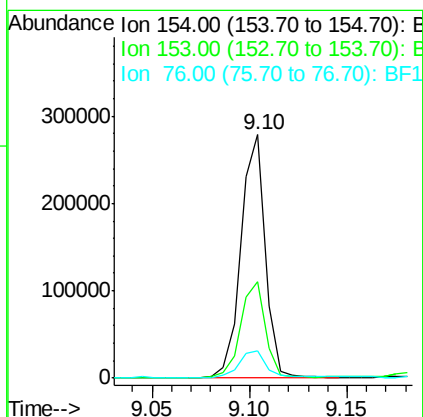
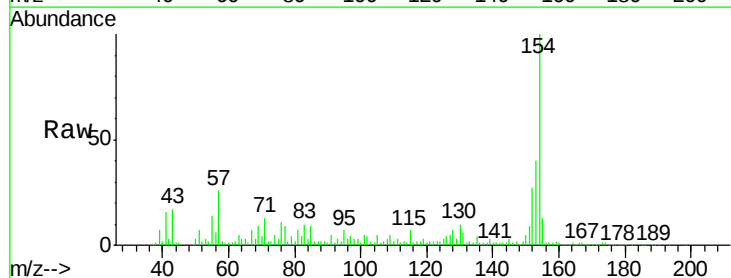
Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

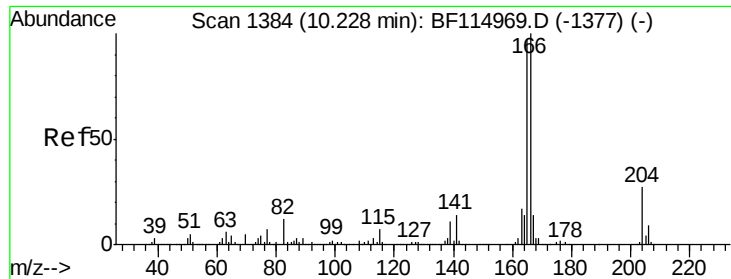
Tgt Ion:172 Resp: 2523318
Ion Ratio Lower Upper
172 100
171 38.0 29.8 44.6
170 25.9 20.6 31.0



#46
1,1'-Biphenyl
Concen: 6.298 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:154 Resp: 239432
Ion Ratio Lower Upper
154 100
153 39.5 22.4 62.4
76 11.3 0.0 33.3





#58

Fluorene

Concen: Below Cal

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1 061219

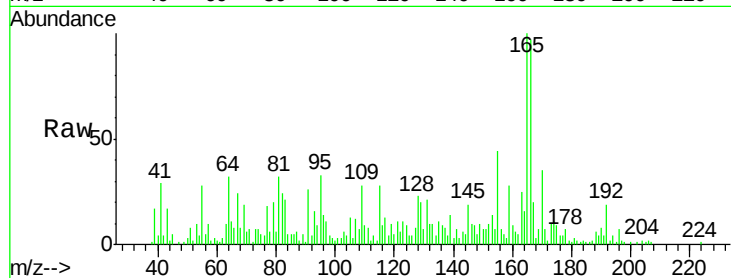
Tgt Ion:166 Resp: 41521

Ion Ratio Lower Upper

166 100

165 102.9 77.6 116.4

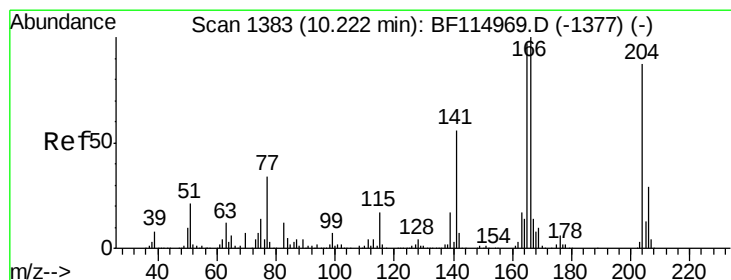
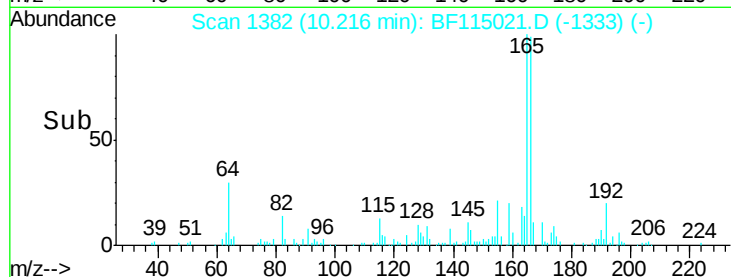
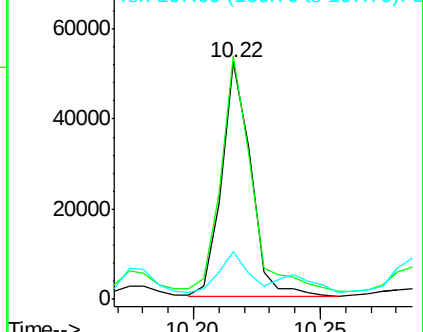
167 20.3 11.0 16.4#



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



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.20 min Scan# 1379

Delta R.T. -0.02 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

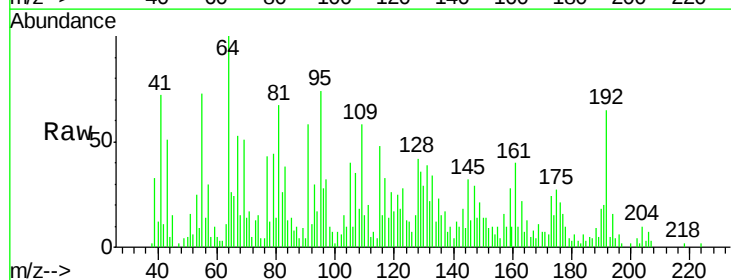
Tgt Ion:204 Resp: 798

Ion Ratio Lower Upper

204 100

206 72.0 26.5 39.7#

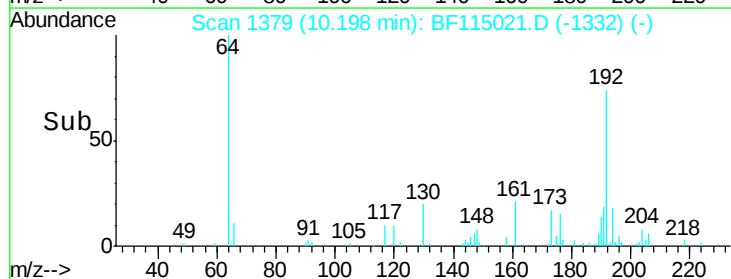
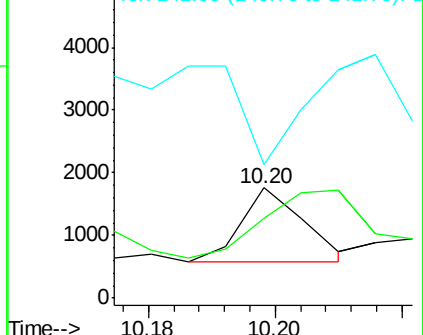
141 121.6 51.8 77.8#

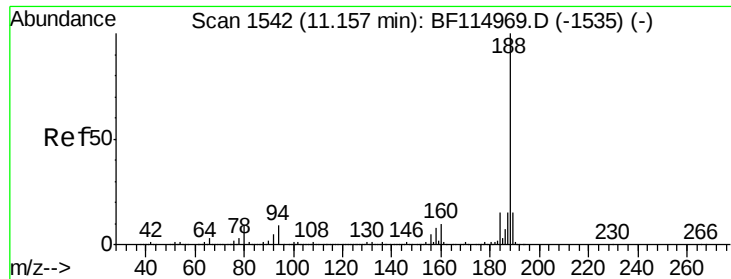


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

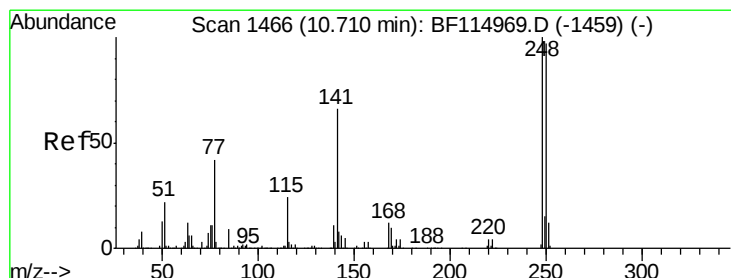
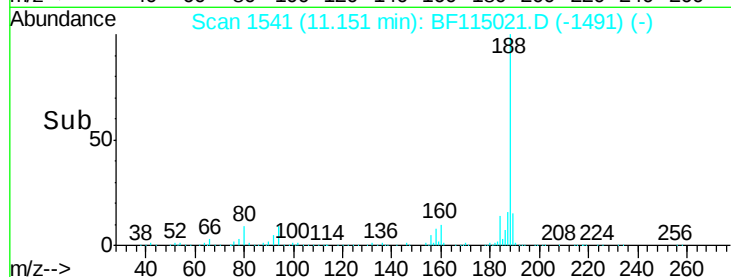
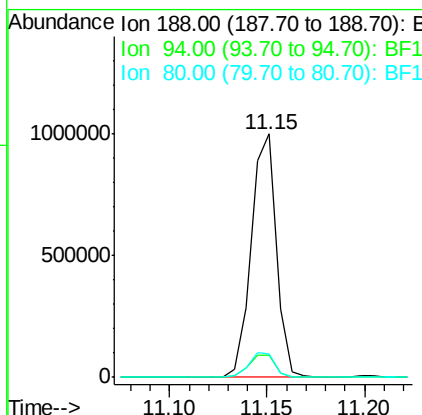
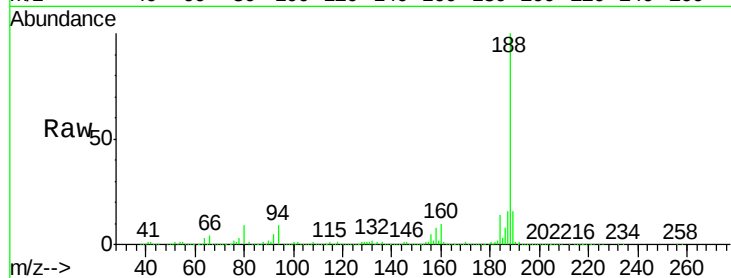




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

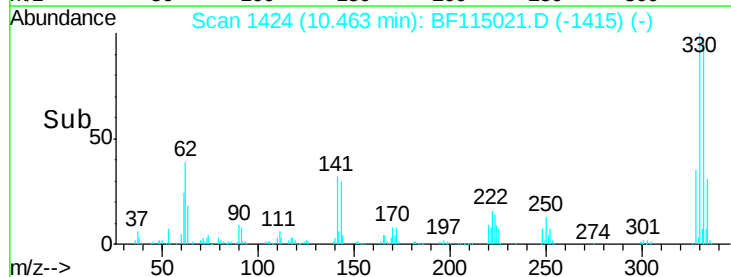
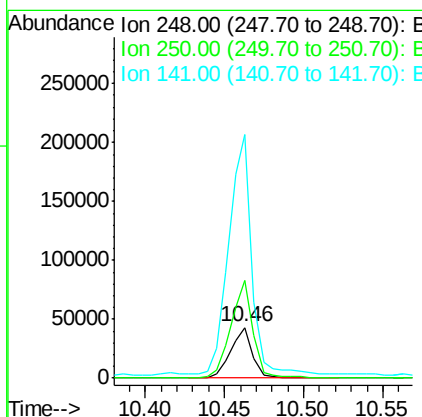
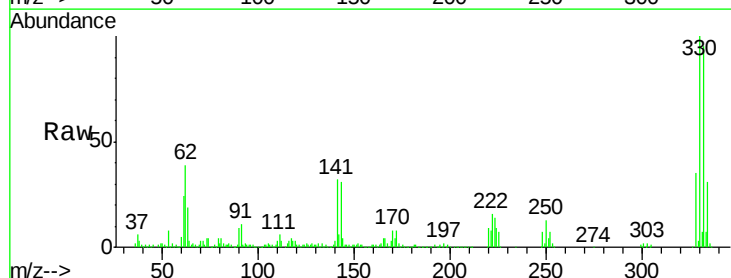
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1 061219

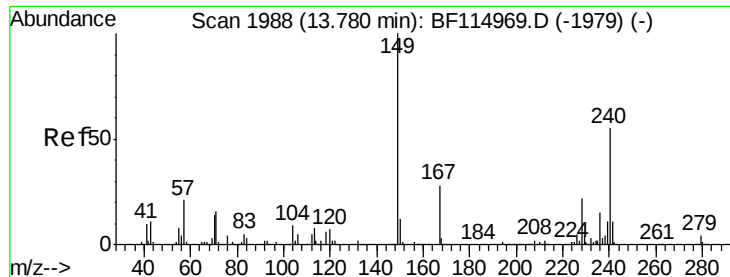
Tgt Ion:188 Resp: 892663
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.4 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.264 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

Tgt Ion:248 Resp: 40868
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.8 116.8#
 141 479.3 53.1 79.7#

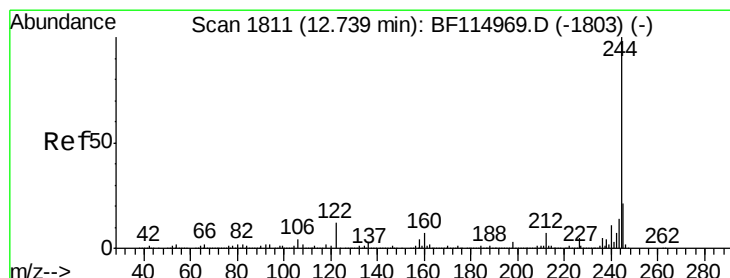
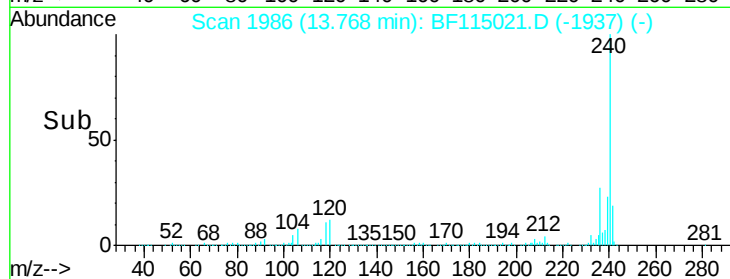
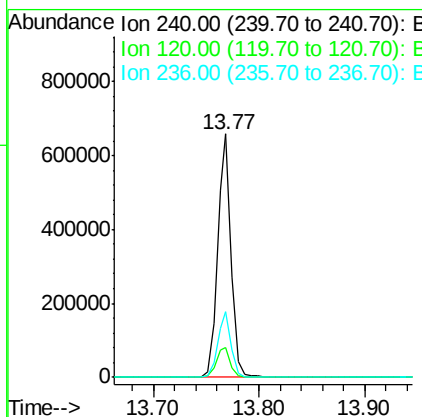
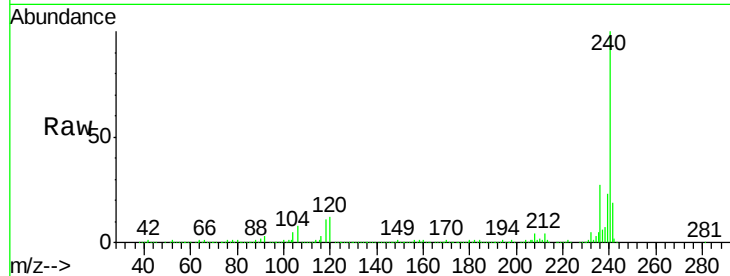




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

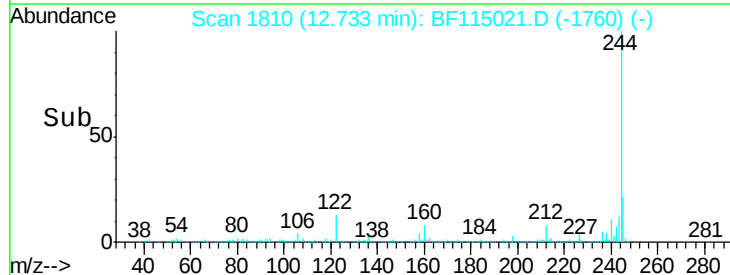
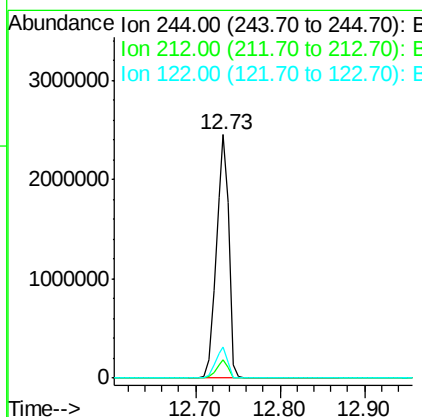
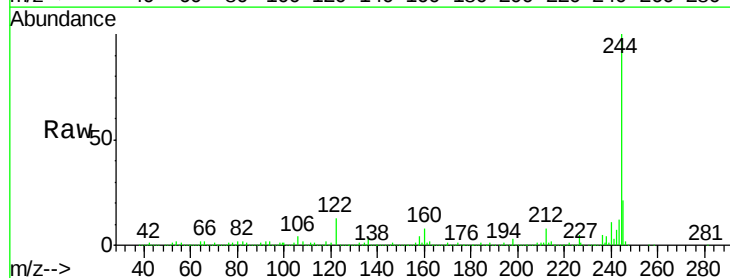
Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

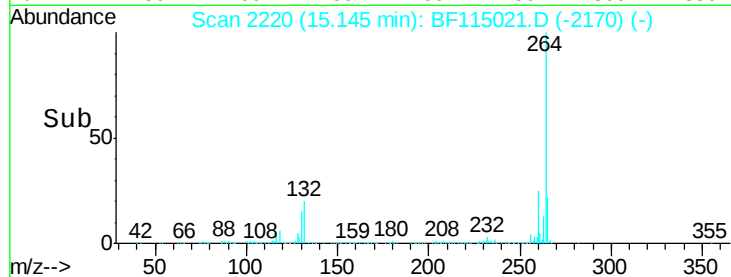
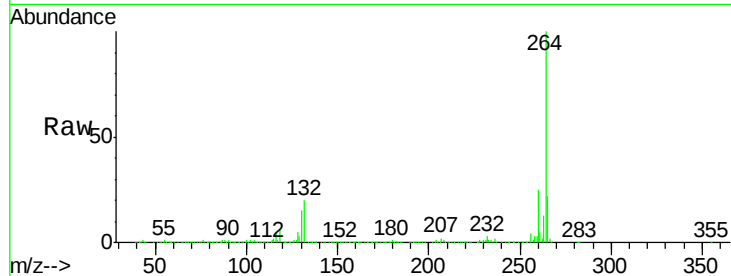
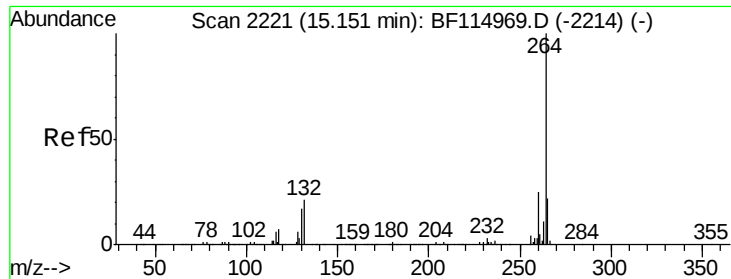
Tgt Ion:240 Resp: 589427
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 27.2 21.6 32.4



#79
Terphenyl-d14
Concen: 82.289 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:244 Resp: 2578777
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 12.7 9.4 14.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1_061219

Tgt Ion: 264 Resp: 546122

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 21.8 17.6 26.4

