

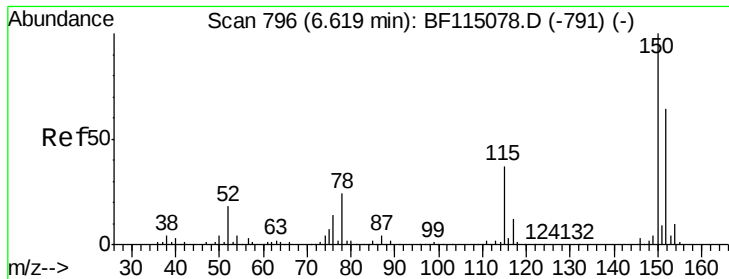
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115162.D
 Acq On : 24 Jun 2019 22:08
 Operator : HP/JU
 Sample : K3482-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jun 25 07:42:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	221730	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	602245	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	518056	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1055710	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	792751	20.00	ng	-0.02
87) Perylene-d12	15.09	264	671910	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1360240	94.67	ng	0.00
7) Phenol-d6	6.25	99	1650136	94.62	ng	0.00
23) Nitrobenzene-d5	7.18	82	527269	53.86	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	453348	82.98	ng	-0.01
45) 2-Fluorobiphenyl	8.98	172	1884679	61.80	ng	0.00
79) Terphenyl-d14	12.69	244	2258445	60.57	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.19	77	100571	8.839	ng	# 4
10) Phenol	6.27	94	44418	2.174	ng	# 15
11) bis(2-Chloroethyl)ether	6.32	93	75337	5.003	ng	# 1
18) Hexachloroethane	7.18	117	384171	59.265	ng	# 1
19) n-Nitroso-di-n-propylamine	7.08	70	334795	29.986	ng	# 67
22) Acetophenone	7.04	105	32877	2.385	ng	# 1
24) Nitrobenzene	7.19	77	266653	24.723	ng	# 43
25) Isophorone	7.46	82	266974	13.312	ng	# 1
26) 2-Nitrophenol	7.48	139	67046	12.587	ng	# 1
27) 2,4-Dimethylphenol	7.58	122	80098	9.185	ng	# 1
28) bis(2-Chloroethoxy)methane	7.67	93	53448	4.216	ng	# 1
29) 2,4-Dichlorophenol	7.77	162	70345	7.816	ng	# 15
31) Naphthalene	7.94	128	103240	3.492	ng	# 1
32) Benzoic acid	7.72	122	98040	15.749	ng	# 19
33) 4-Chloroaniline	7.97	127	80207	5.936	ng	# 1
35) Caprolactam	8.36	113	203265	67.177	ng	# 41
36) 4-Chloro-3-methylphenol	8.44	107	34015	3.732	ng	# 25
37) 2-Methylnaphthalene	8.71	142	788310	39.549	ng	# 94
38) 1-Methylnaphthalene	8.71	142	788310	41.409	ng	# 100
46) 1,1'-Biphenyl	9.07	154	119050	2.872	ng	# 98
50) Dimethylphthalate	9.37	163	618535	16.228	ng	# 98
54) 2,4-Dinitrophenol	9.57	184	148	7.373	ng	# 1
58) Fluorene	10.18	166	28458	Below	Cal	# 92
61) 4-Chlorophenyl-phenylether	10.19	204	610	Below	Cal	# 1
65) 4,6-Dinitro-2-methylphenol	10.21	198	135	4.981	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	28300	2.472	ng	# 1
75) Fluoranthene	12.31	202	153006	2.698	ng	# 98
78) Pyrene	12.53	202	227809	3.739	ng	# 99
88) Benzo(b)fluoranthene	14.71	252	104536	2.493	ng	# 92
89) Benzo(k)fluoranthene	14.71	252	104536	2.780	ng	# 93

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

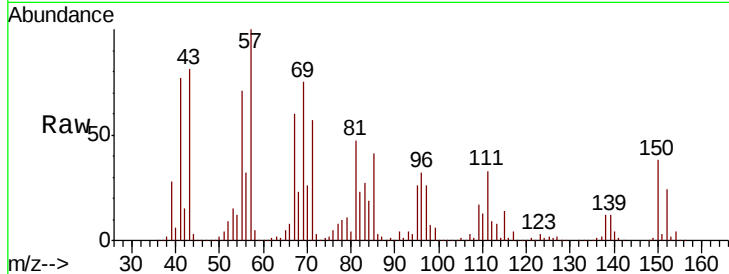


#1

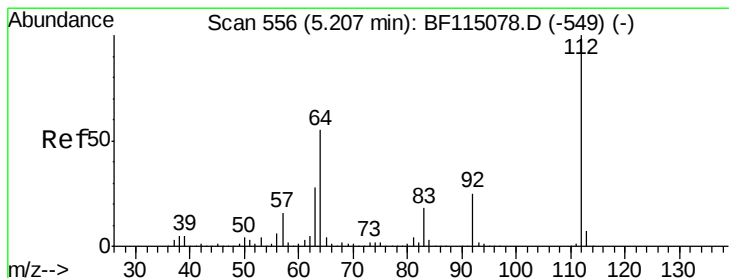
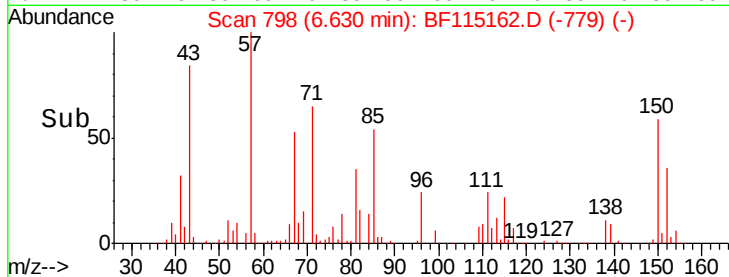
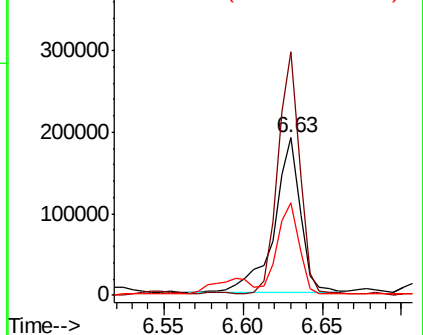
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

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Tot Ion:152 Resp: 221730
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.2
 115 58.7 46.1 69.1



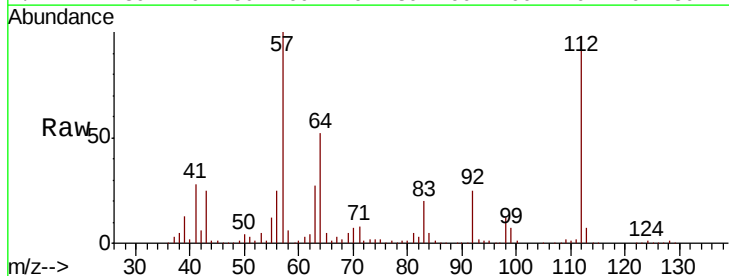
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



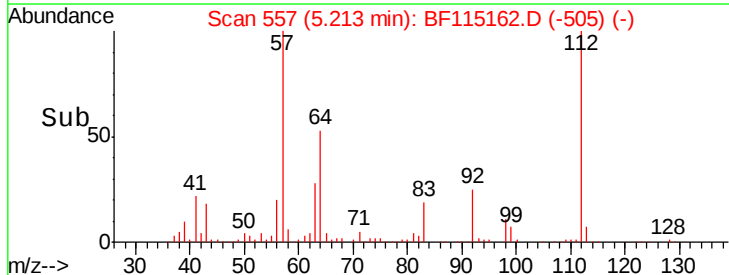
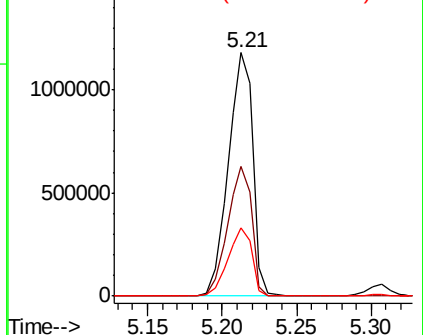
#5

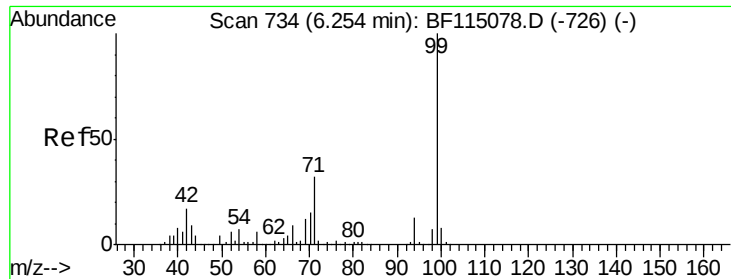
2-Fluorophenol
 Concen: 94.668 ng
 RT: 5.21 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

Tgt Ion:112 Resp: 1360240
 Ion Ratio Lower Upper
 112 100
 64 53.4 43.8 65.6
 63 27.8 22.2 33.4



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: 94.619 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

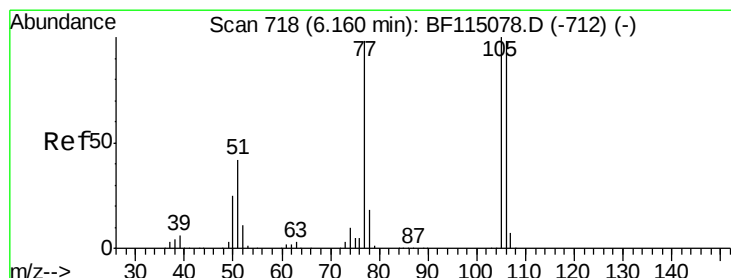
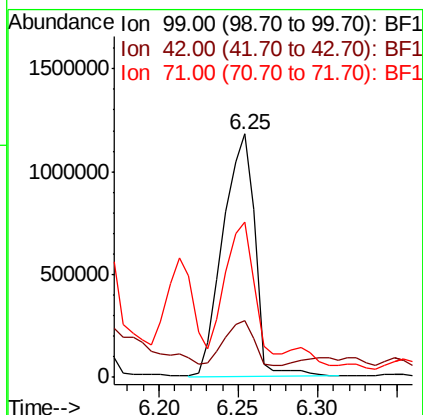
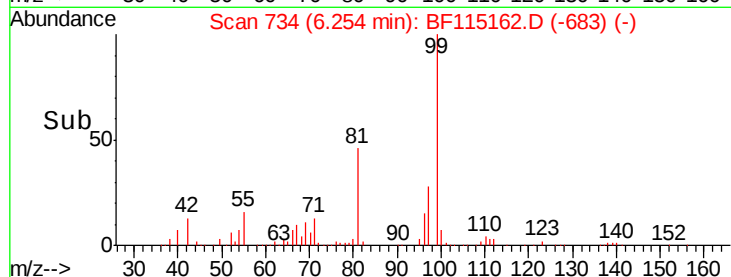
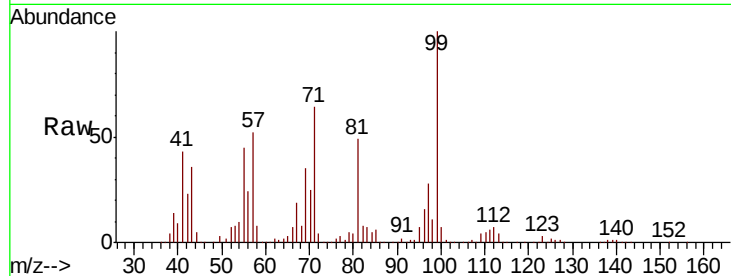
Tot Ion: 99 Resp: 1650136

Ion Ratio Lower Upper

99 100

42 23.3 13.6 20.4#

71 63.9 25.5 38.3#



#9

Benzaldehyde

Concen: 8.839 ng

RT: 6.19 min Scan# 723

Delta R.T. 0.03 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

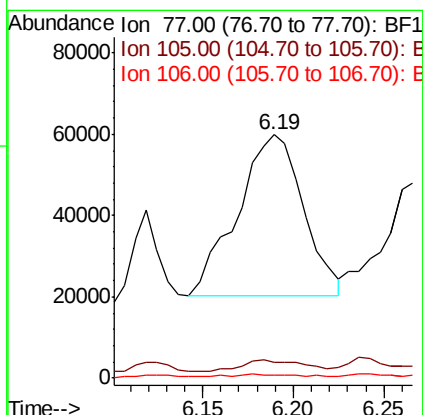
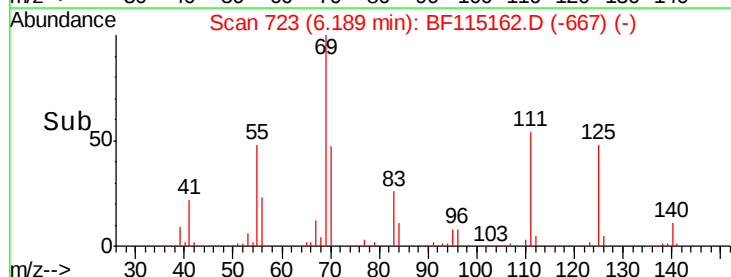
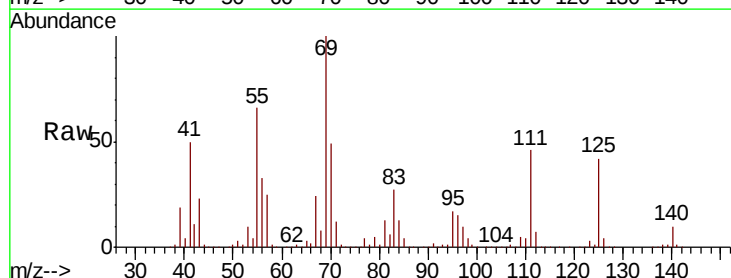
Tgt Ion: 77 Resp: 100571

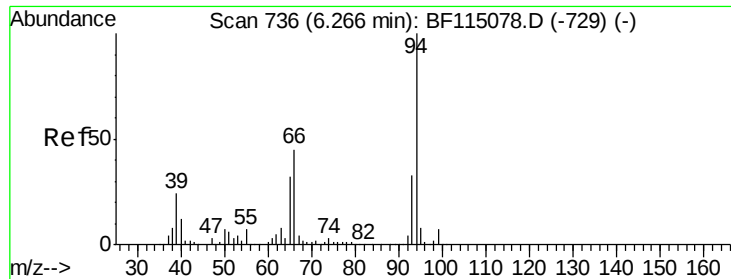
Ion Ratio Lower Upper

77 100

105 6.6 81.5 121.5#

106 1.2 79.7 119.7#





#10

Phenol

Concen: 2.174 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

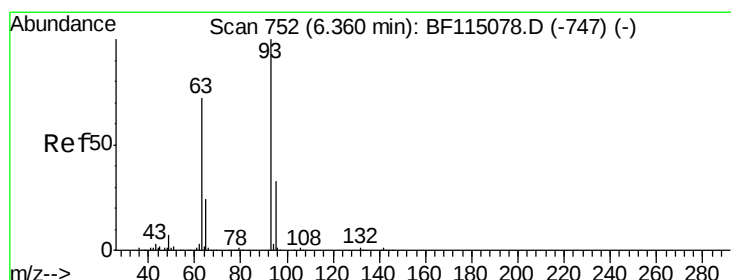
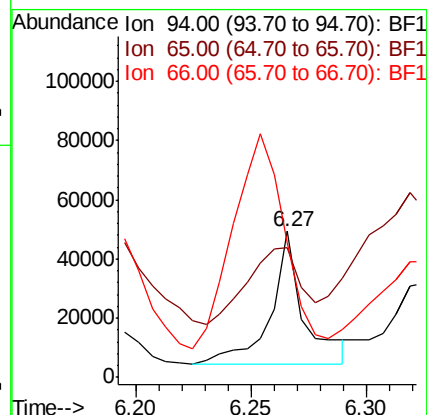
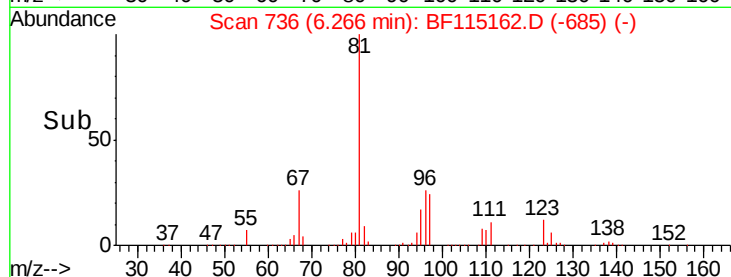
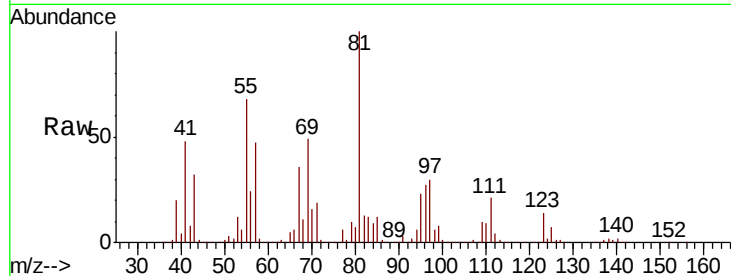
Tot Ion: 94 Resp: 44418

Ion Ratio Lower Upper

94 100

65 89.0 11.9 51.9#

66 92.8 25.2 65.2#



#11

bis(2-Chloroethyl)ether

Concen: 5.003 ng

RT: 6.32 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

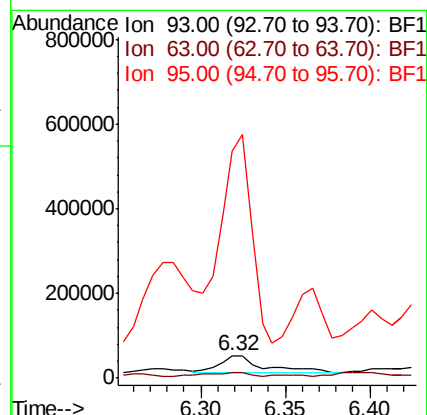
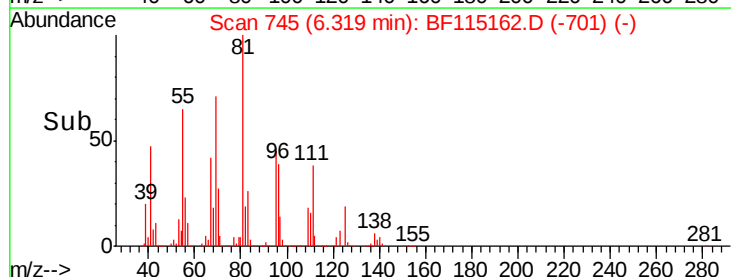
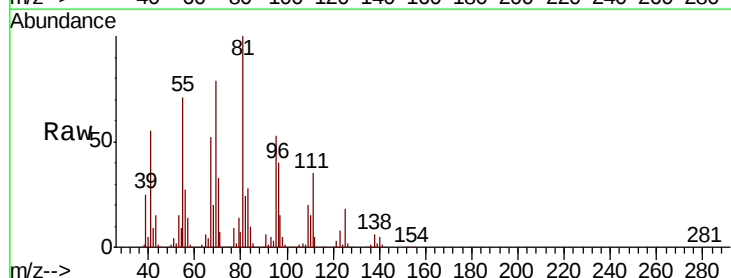
Tgt Ion: 93 Resp: 75337

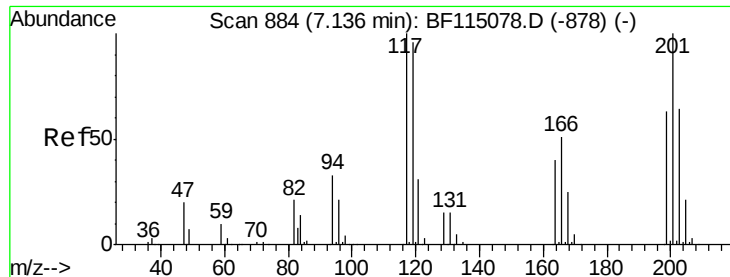
Ion Ratio Lower Upper

93 100

63 23.0 51.5 91.5#

95 1013.0 13.4 53.4#

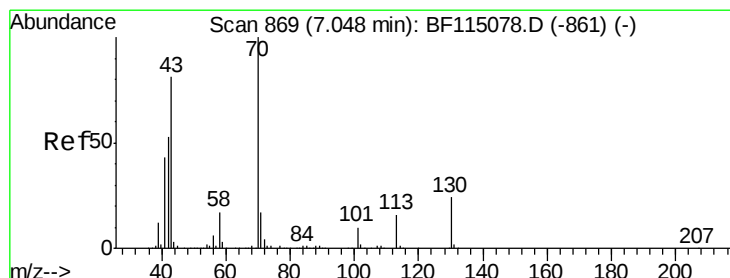
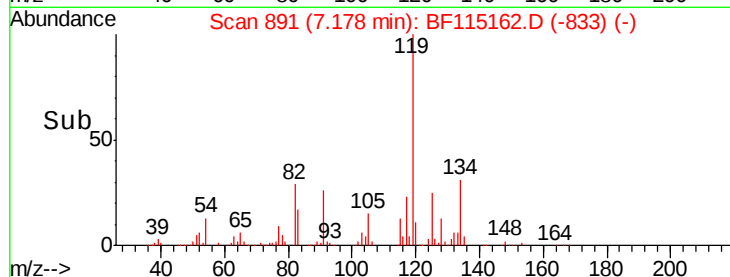
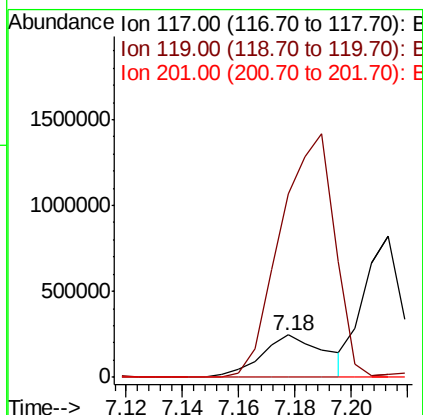
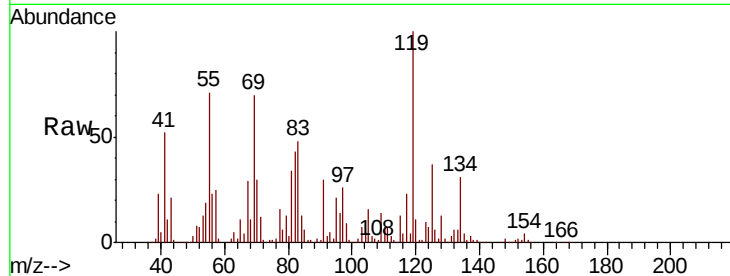




#18
Hexachloroethane
Concen: 59.265 ng
RT: 7.18 min Scan# 891
Delta R.T. 0.04 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

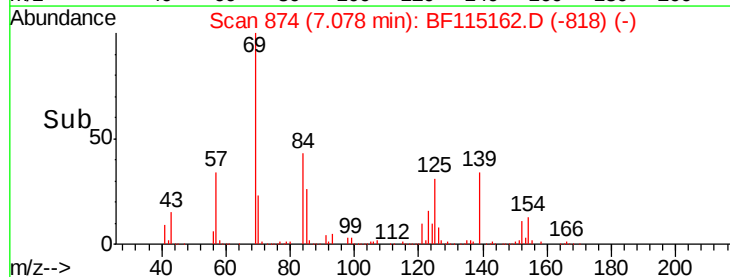
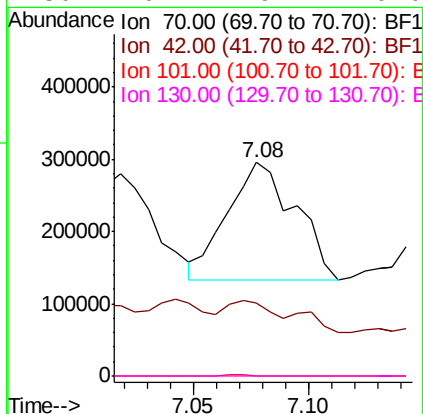
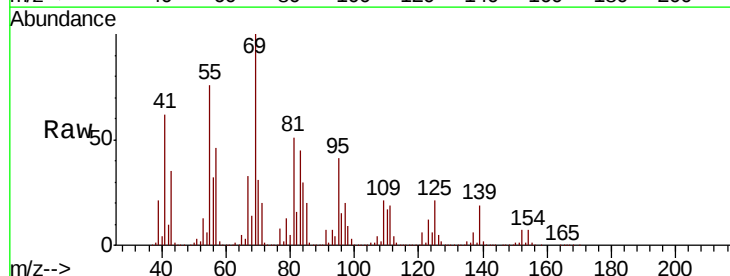
Instrument :
BNA_F
ClientSampleId :
TP-3

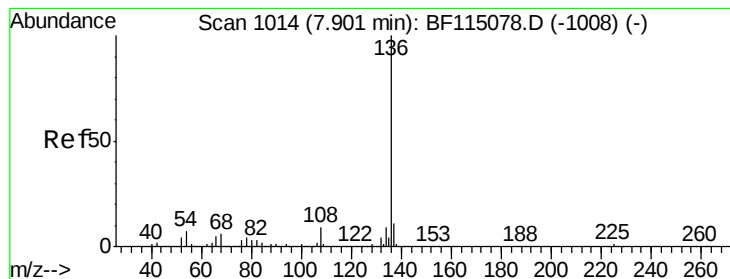
Tot Ion:117 Resp: 384171
Ion Ratio Lower Upper
117 100
119 433.7 76.6 114.8#
201 0.0 80.2 120.2#



#19
n-Nitroso-di-n-propylamine
Concen: 29.986 ng
RT: 7.08 min Scan# 874
Delta R.T. 0.03 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion: 70 Resp: 334795
Ion Ratio Lower Upper
70 100
42 33.9 42.6 63.8#
101 0.3 8.0 12.0#
130 0.2 19.4 29.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

Tot Ion:136 Resp: 602245

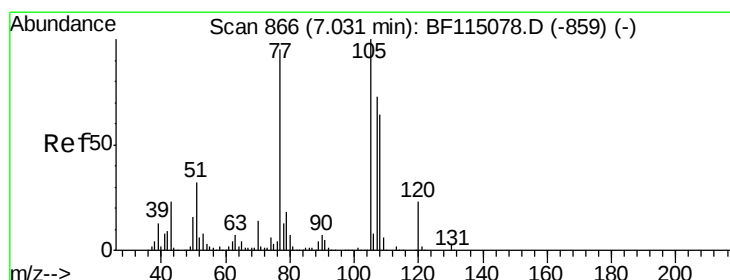
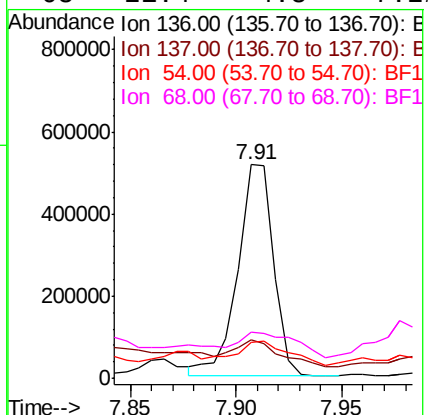
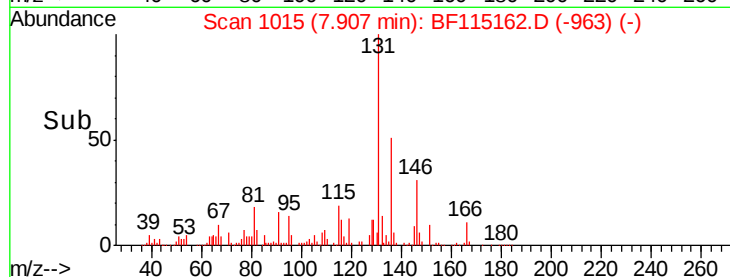
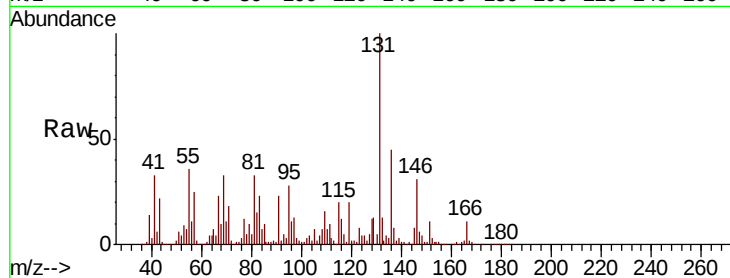
Ion Ratio Lower Upper

136 100

137 18.0 8.9 13.3#

54 16.6 5.6 8.4#

68 21.4 4.8 7.2#



#22

Acetophenone

Concen: 2.385 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Tgt Ion:105 Resp: 32877

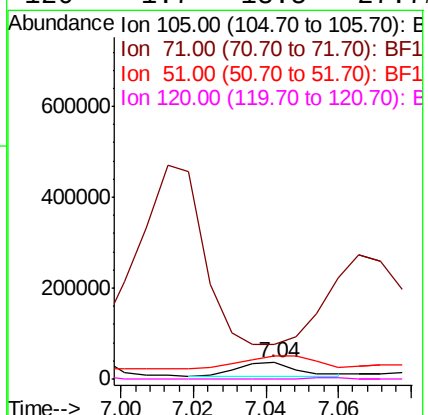
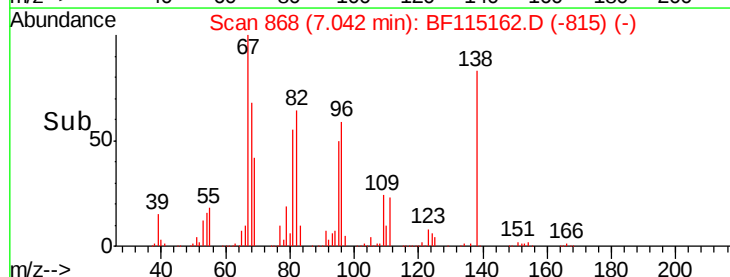
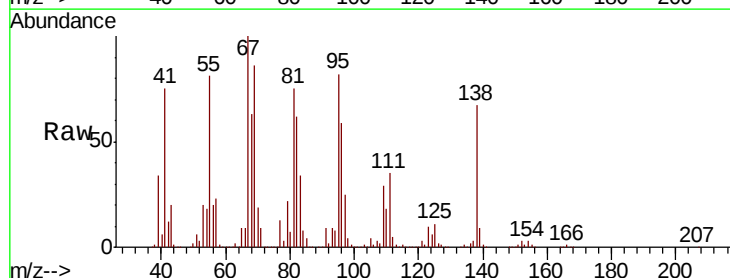
Ion Ratio Lower Upper

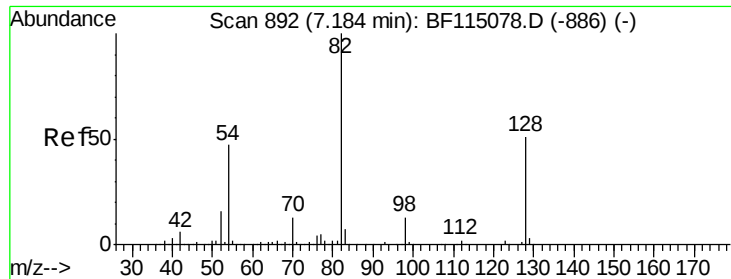
105 100

71 213.7 1.9 2.9#

51 142.1 25.8 38.8#

120 1.7 18.5 27.7#

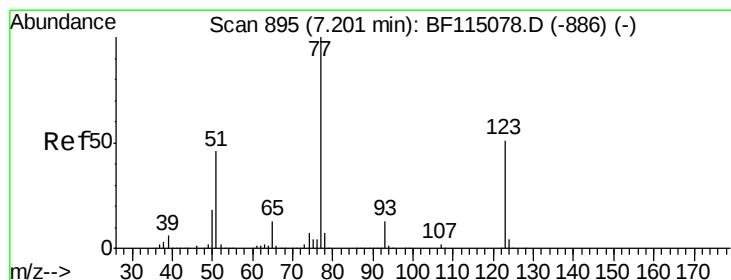
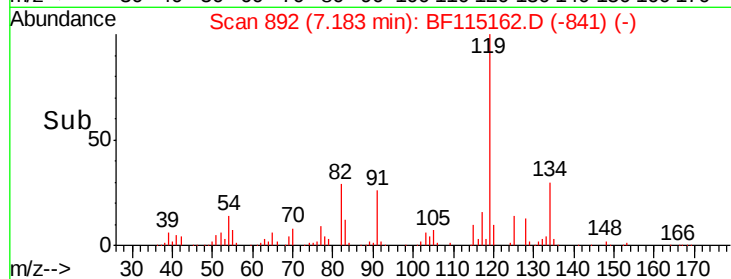
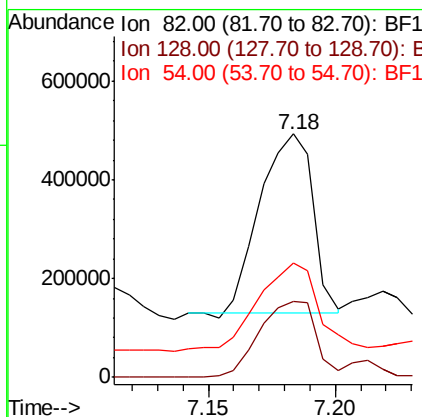
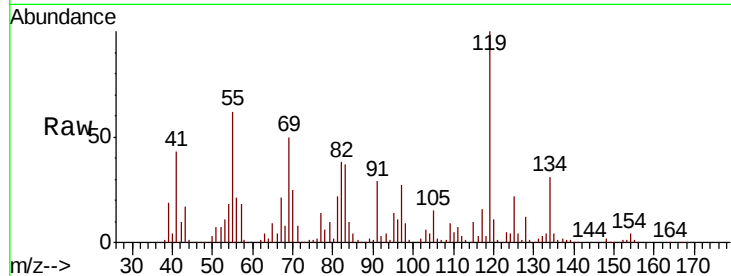




#23
 Nitrobenzene-d5
 Concen: 53.857 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

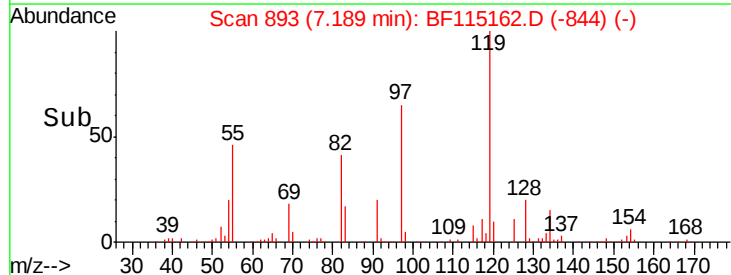
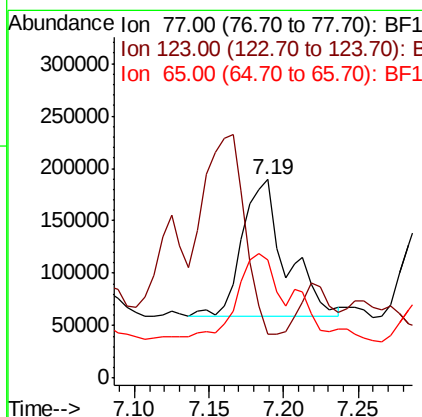
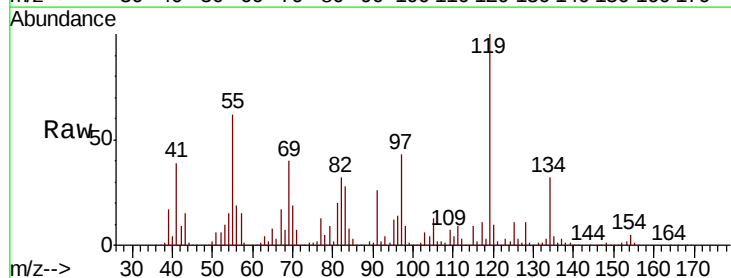
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

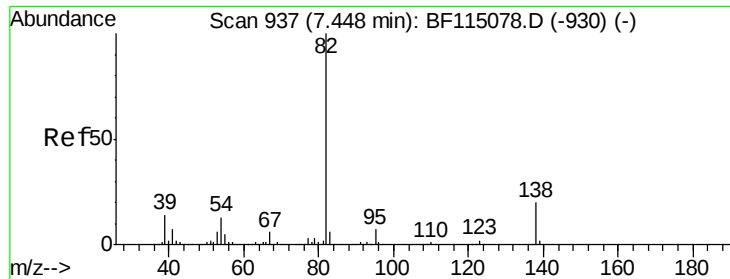
Tot Ion: 82 Resp: 527269
 Ion Ratio Lower Upper
 82 100
 128 31.0 40.4 60.6#
 54 46.7 37.5 56.3



#24
 Nitrobenzene
 Concen: 24.723 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

Tgt Ion: 77 Resp: 266653
 Ion Ratio Lower Upper
 77 100
 123 22.0 41.0 61.6#
 65 59.8 10.5 15.7#





#25

Isophorone

Concen: 13.312 ng

RT: 7.46 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampled :

TP-3

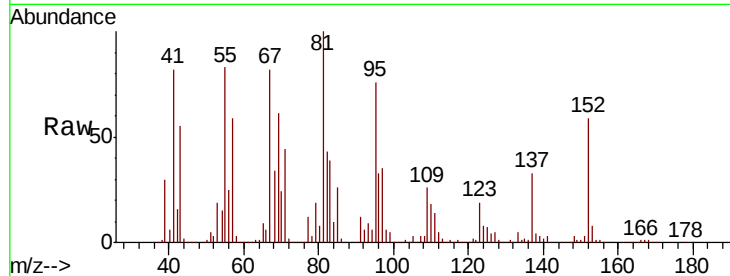
Tot Ion: 82 Resp: 266974

Ion Ratio Lower Upper

82 100

95 178.3 5.4 8.2#

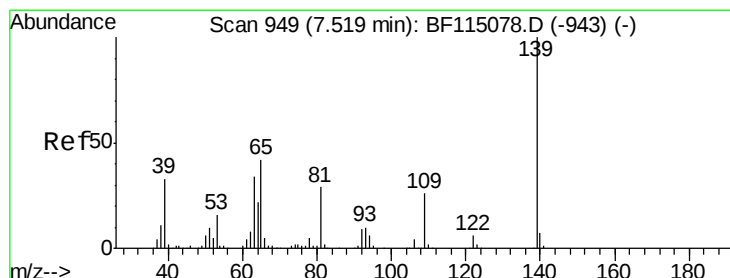
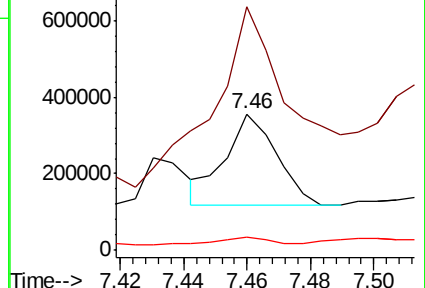
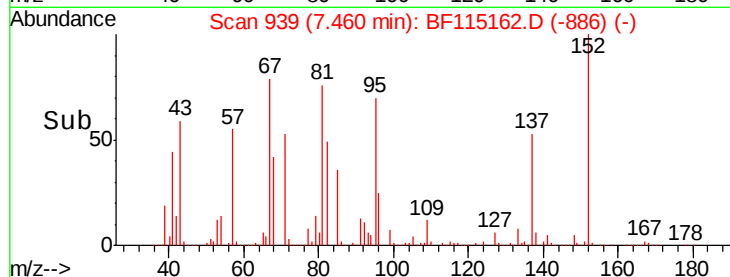
138 10.0 15.9 23.9#



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: 12.587 ng

RT: 7.48 min Scan# 943

Delta R.T. -0.04 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

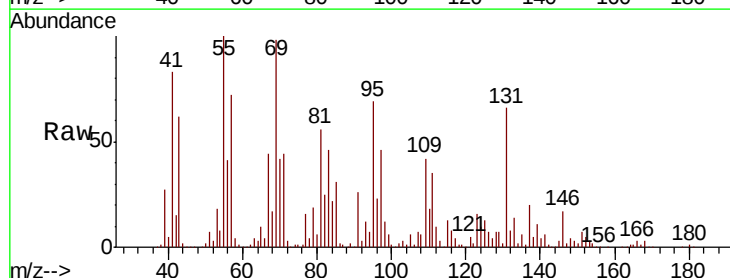
Tgt Ion: 139 Resp: 67046

Ion Ratio Lower Upper

139 100

109 396.2 20.4 30.6#

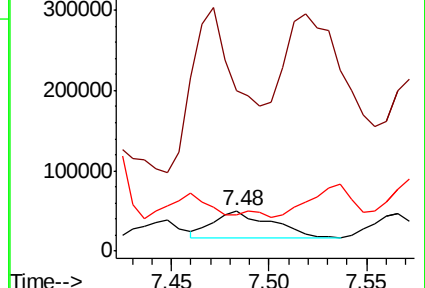
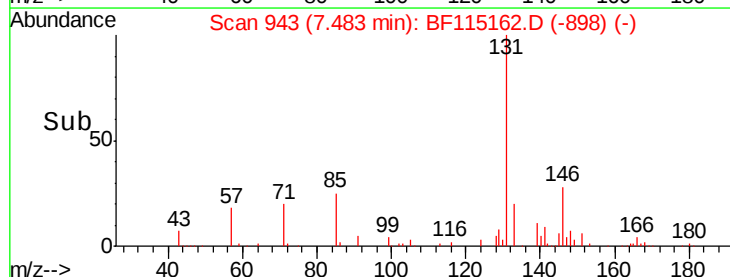
65 88.8 33.6 50.4#

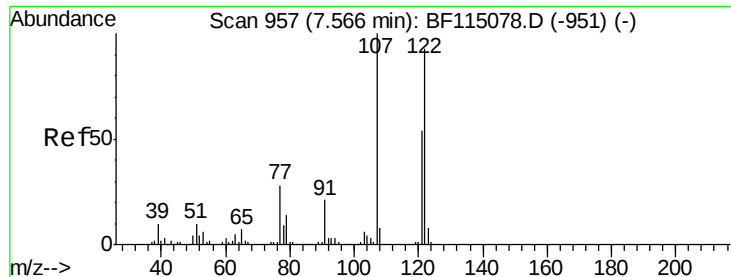


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 9.185 ng

RT: 7.58 min Scan# 960

Delta R.T. 0.02 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

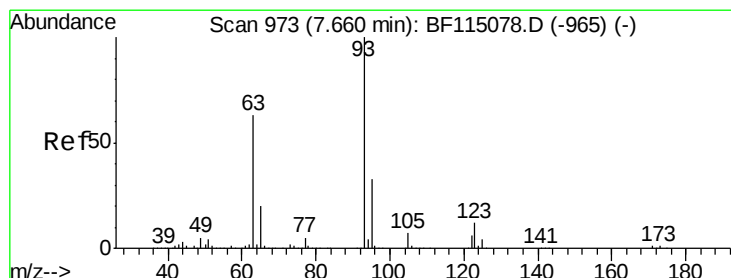
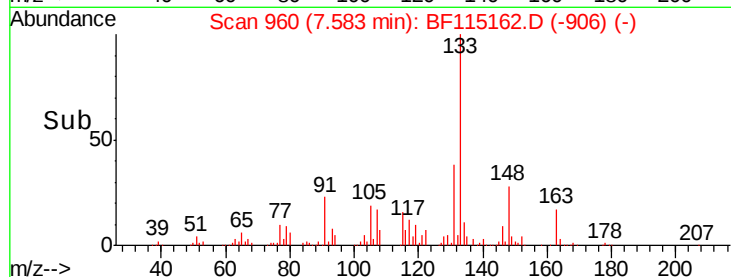
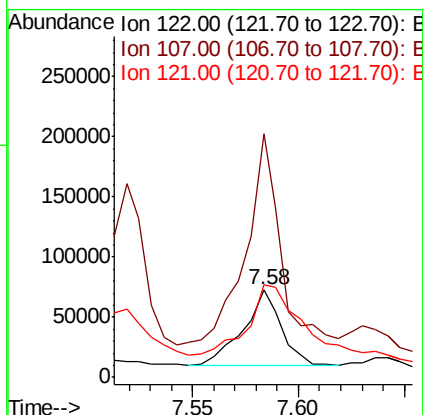
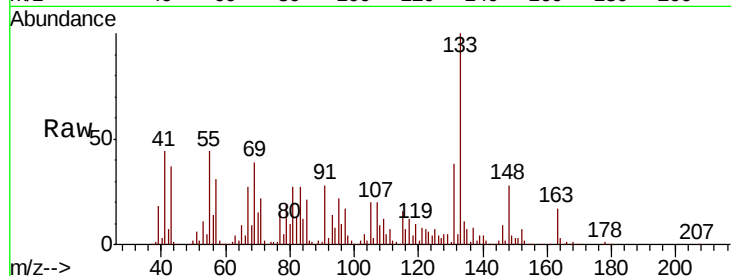
Tot Ion:122 Resp: 80098

Ion Ratio Lower Upper

122 100

107 276.6 85.8 128.6#

121 104.6 46.3 69.5#



#28

bis(2-Chloroethoxy)methane

Concen: 4.216 ng

RT: 7.67 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

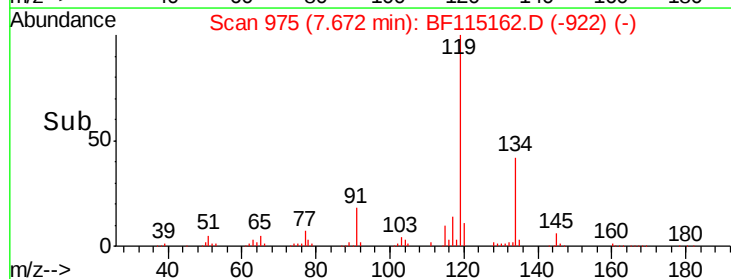
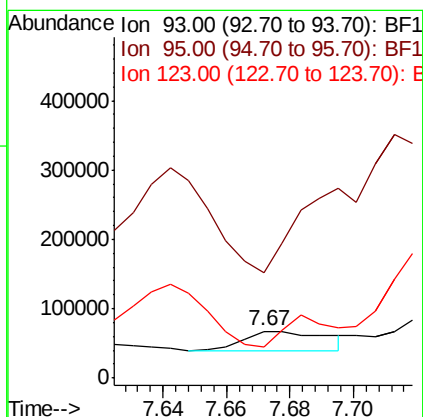
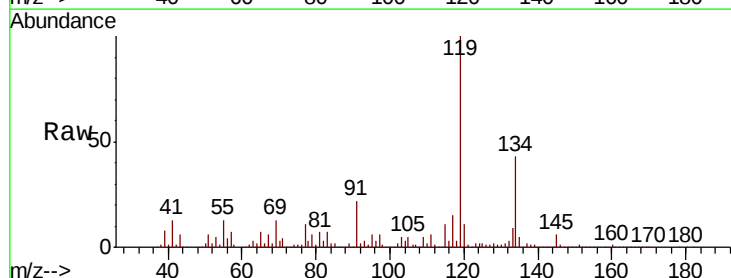
Tgt Ion: 93 Resp: 53448

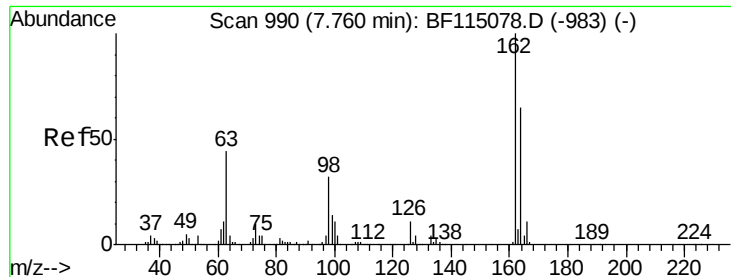
Ion Ratio Lower Upper

93 100

95 224.6 26.2 39.4#

123 66.9 9.7 14.5#

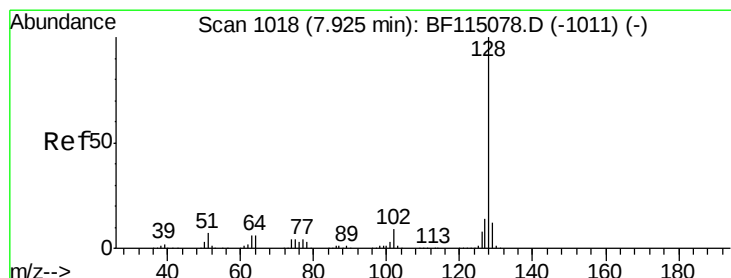
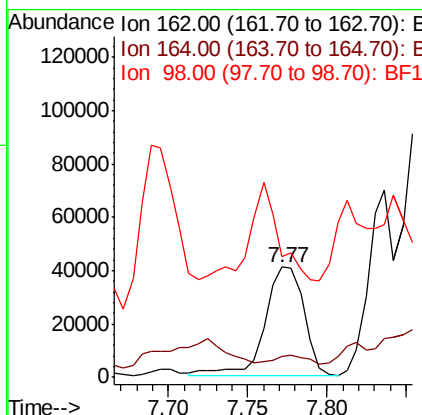
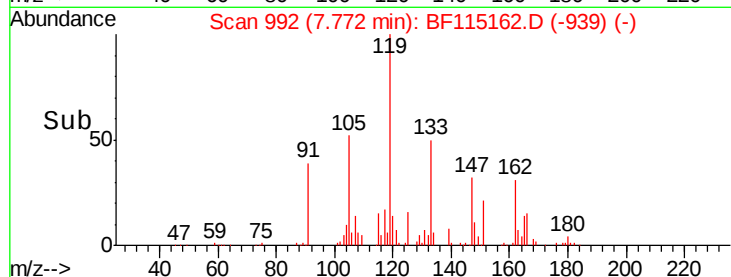
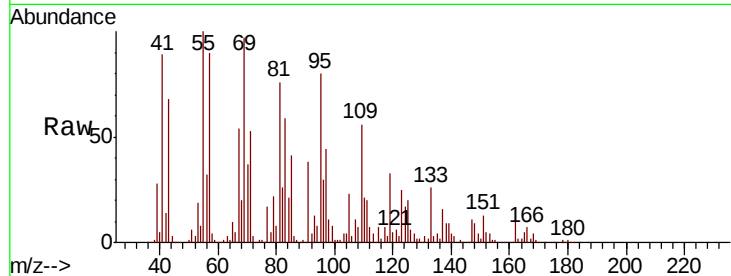




#29
2,4-Dichlorophenol
Concen: 7.816 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

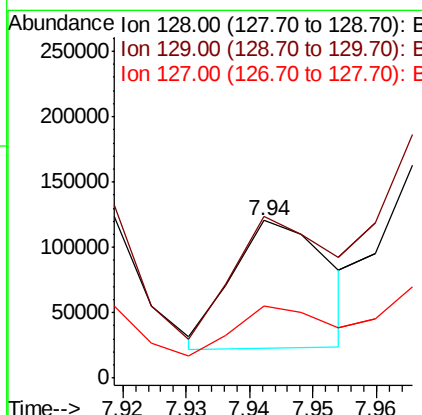
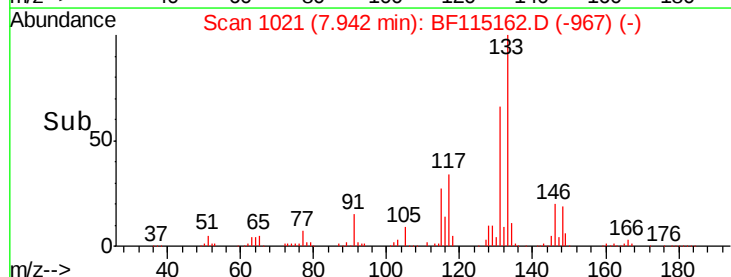
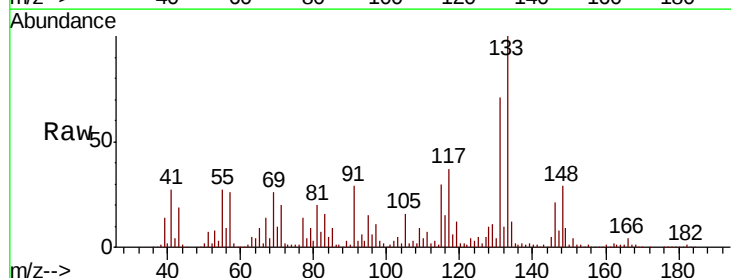
Instrument :
BNA_F
ClientSampleId :
TP-3

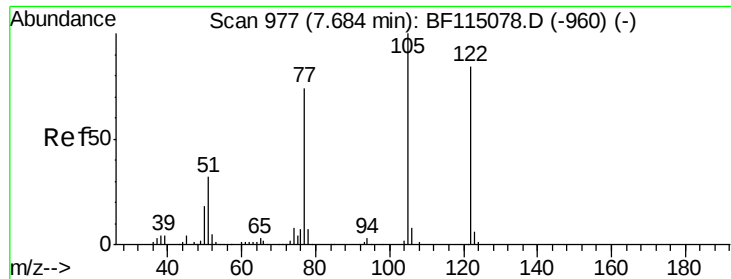
Tot Ion:162 Resp: 70345
Ion Ratio Lower Upper
162 100
164 19.5 45.3 85.3#
98 109.9 12.5 52.5#



#31
Naphthalene
Concen: 3.492 ng
RT: 7.94 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion:128 Resp: 103240
Ion Ratio Lower Upper
128 100
129 102.9 9.6 14.4#
127 45.5 11.4 17.0#





#32

Benzoic acid

Concen: 15.749 ng

RT: 7.72 min Scan# 983

Delta R.T. 0.04 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampled :

TP-3

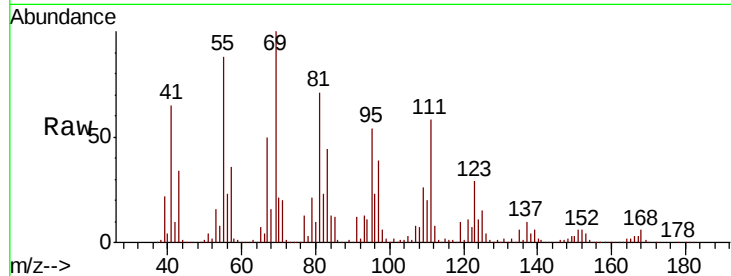
Tot Ion:122 Resp: 98040

Ion Ratio Lower Upper

122 100

105 46.9 98.2 138.2#

77 183.0 67.0 107.0#

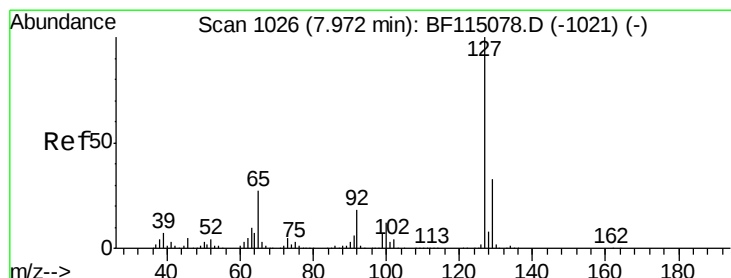
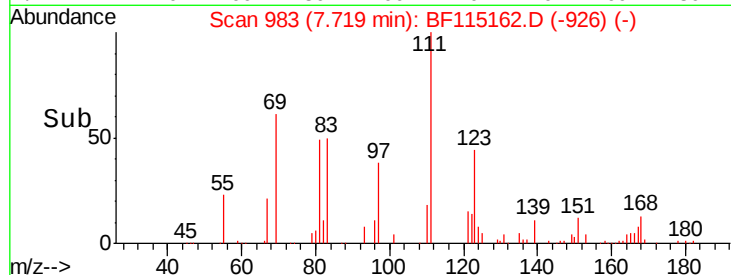
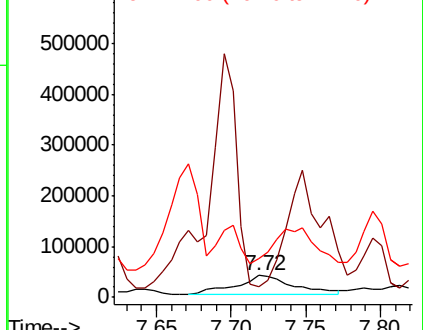


Abundance

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: 5.936 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Tgt Ion:127 Resp: 80207

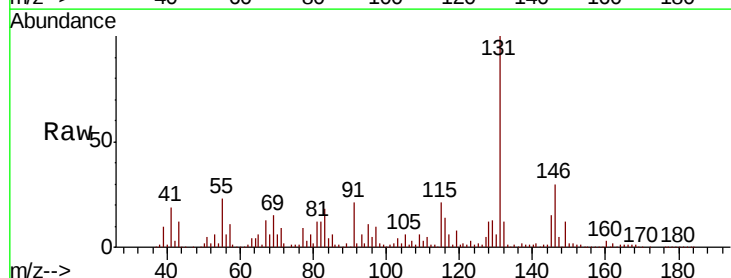
Ion Ratio Lower Upper

127 100

129 261.9 26.1 39.1#

65 113.4 21.4 32.2#

92 41.8 14.1 21.1#



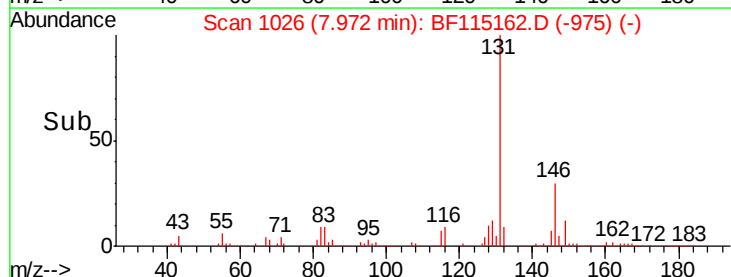
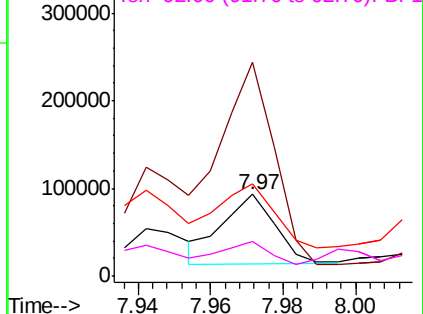
Abundance

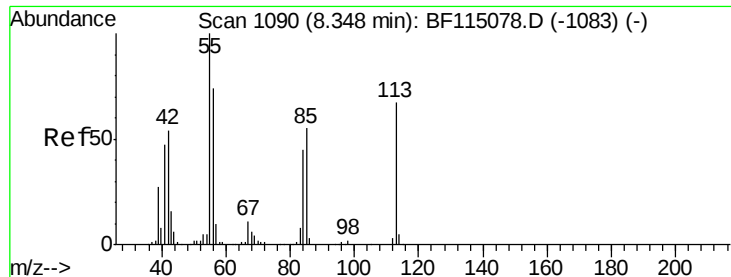
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

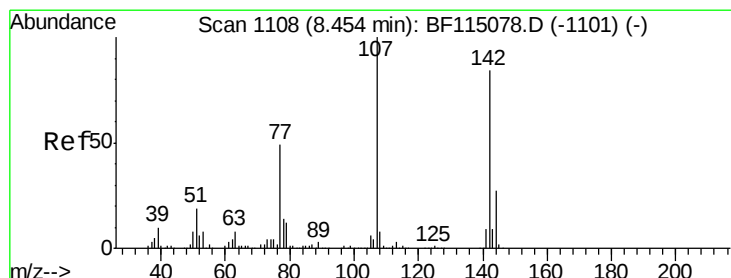
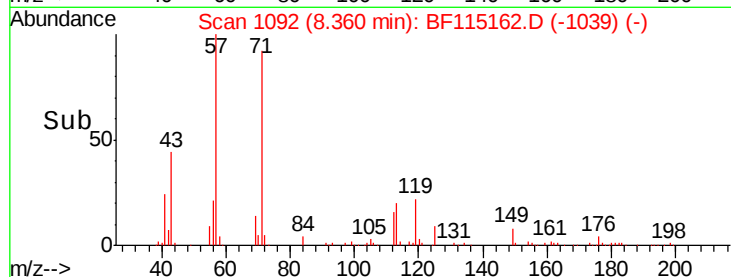
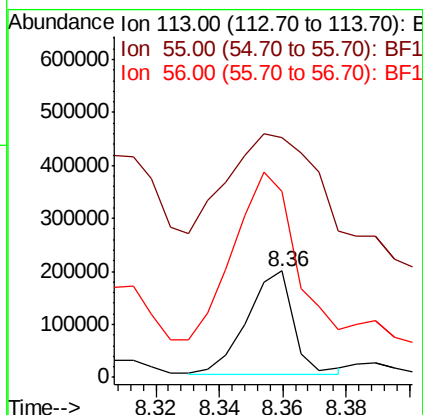
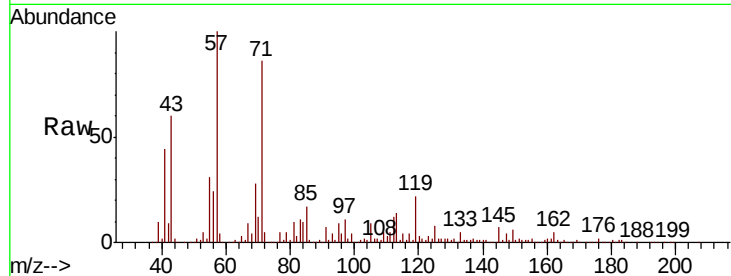




#35
Caprolactam
Concen: 67.177 ng
RT: 8.36 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

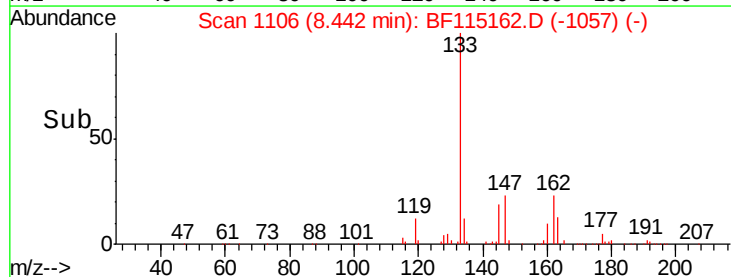
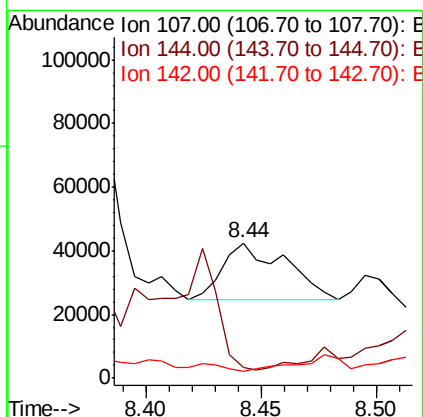
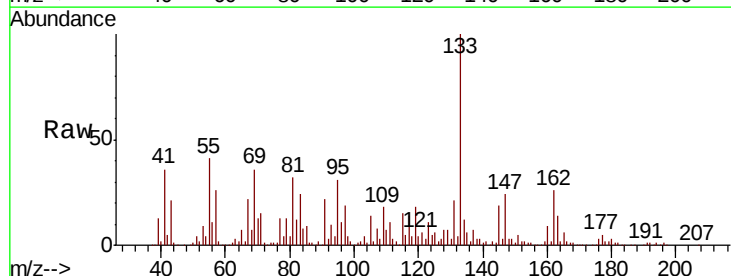
Instrument :
BNA_F
ClientSampleId :
TP-3

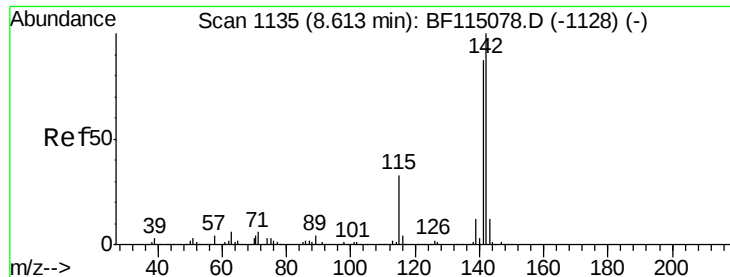
Tot Ion:113 Resp: 203265
Ion Ratio Lower Upper
113 100
55 225.5 130.2 170.2#
56 174.4 91.6 131.6#



#36
4-Chloro-3-methylphenol
Concen: 3.732 ng
RT: 8.44 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion:107 Resp: 34015
Ion Ratio Lower Upper
107 100
144 7.5 21.7 32.5#
142 5.5 67.0 100.4#

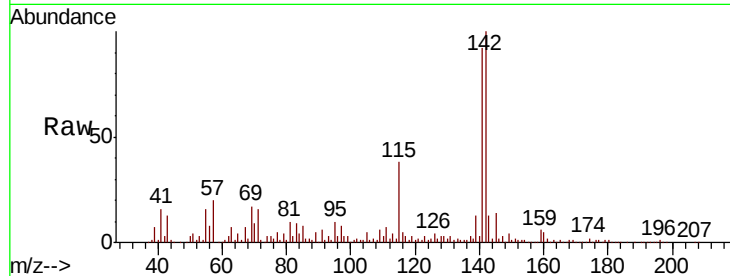




#37
2-Methylnaphthalene
Concen: 39.549 ng
RT: 8.71 min Scan# 1152
Delta R.T. 0.10 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	69.8	104.6
115	38.2	26.7	40.1

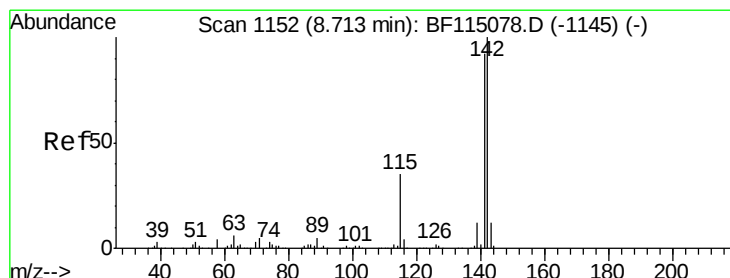
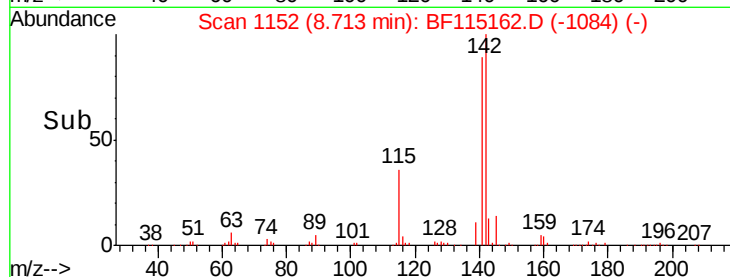
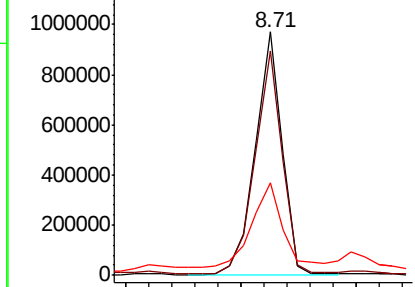


Abundance

Ion 142.00 (141.70 to 142.70): E

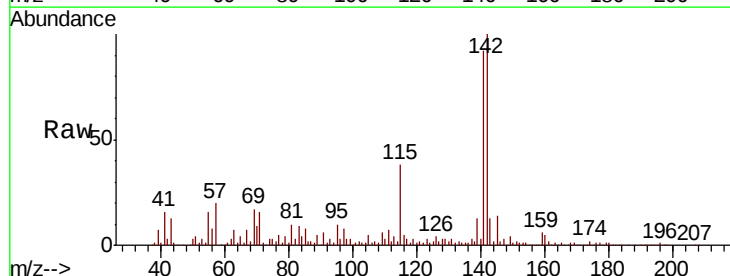
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.409 ng
RT: 8.71 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.8
116	4.7	2.8	4.2#

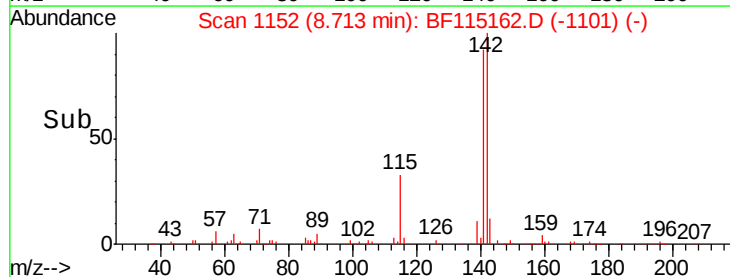
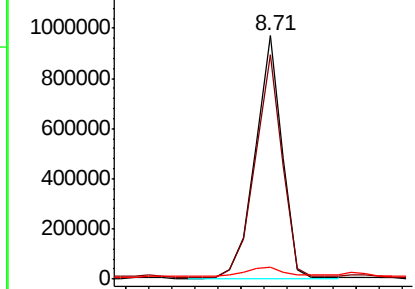


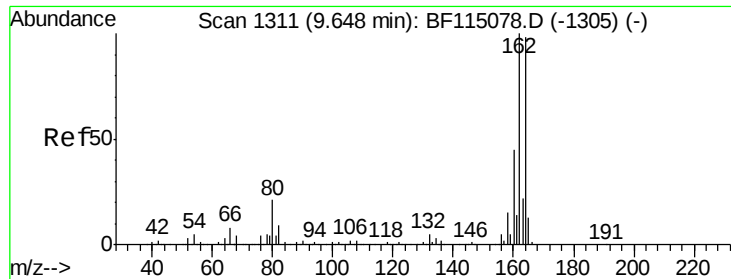
Abundance

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

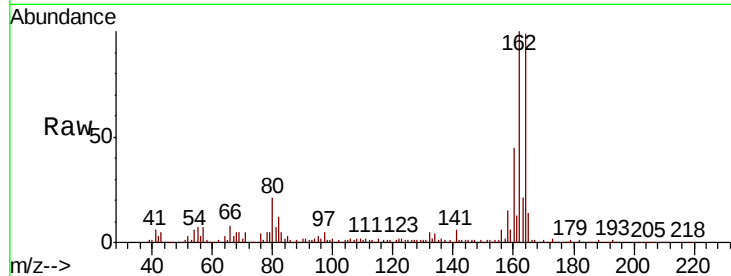




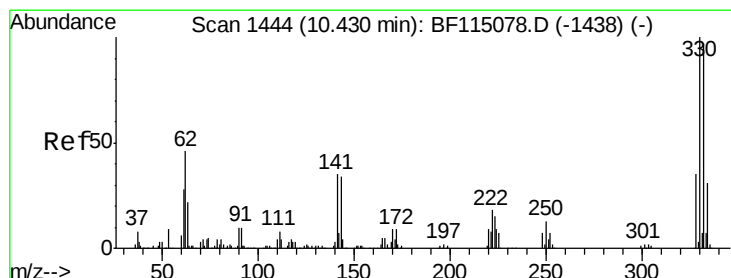
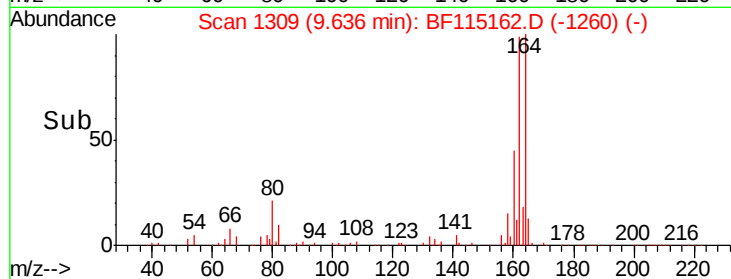
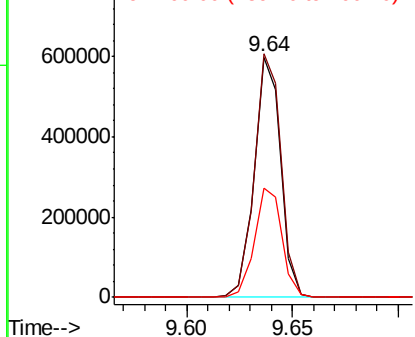
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:164 Resp: 518056
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 45.2 37.0 55.4

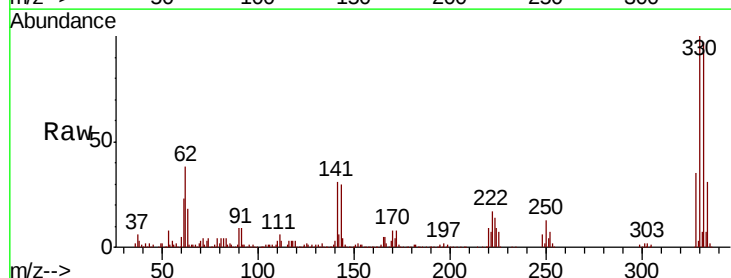


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

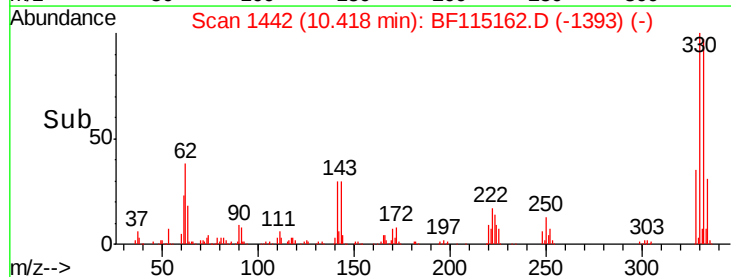
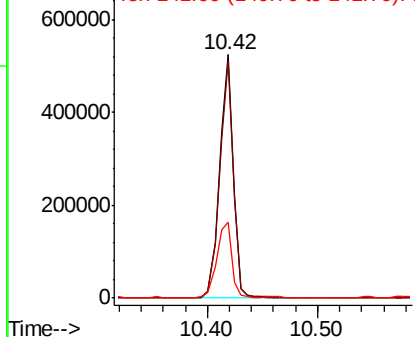


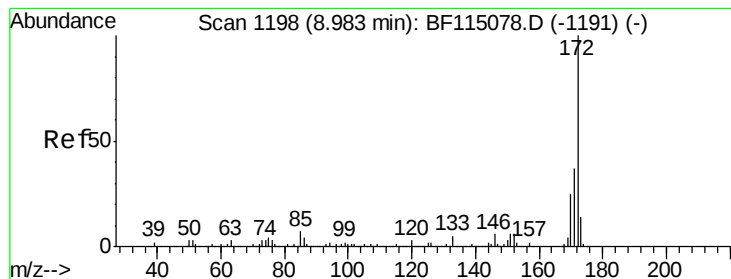
#42
2,4,6-Tribromophenol
Concen: 82.984 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion:330 Resp: 453348
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.1 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 61.796 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

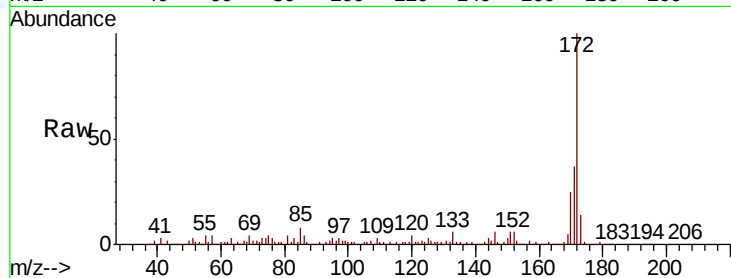
Tot Ion:172 Resp: 1884679

Ion Ratio Lower Upper

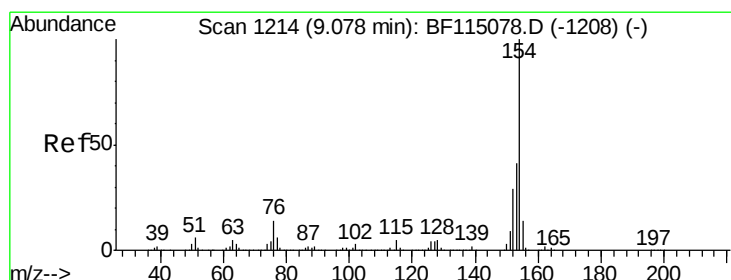
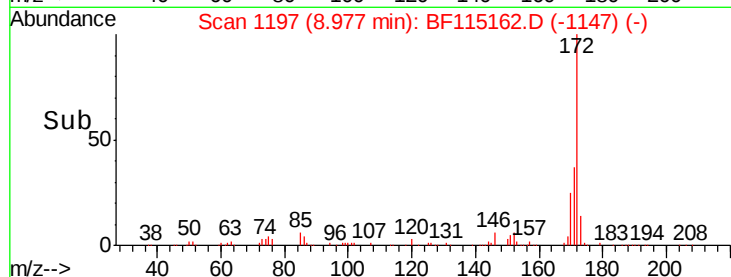
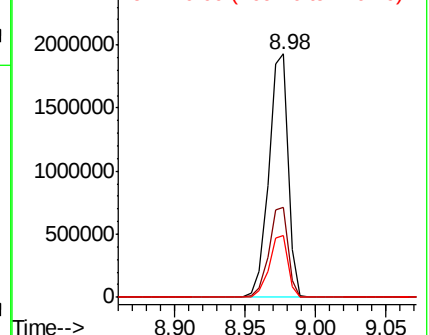
172 100

171 36.8 29.8 44.6

170 25.2 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 2.872 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

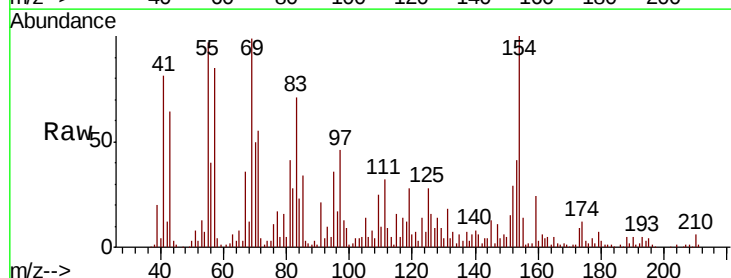
Tgt Ion:154 Resp: 119050

Ion Ratio Lower Upper

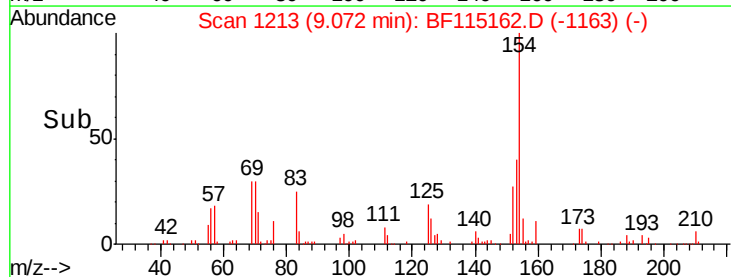
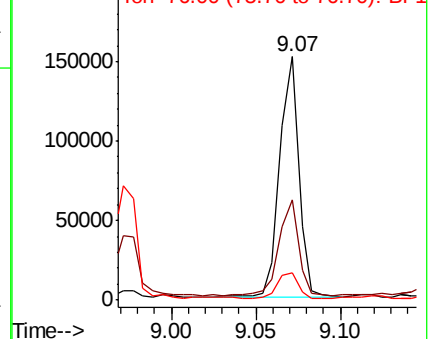
154 100

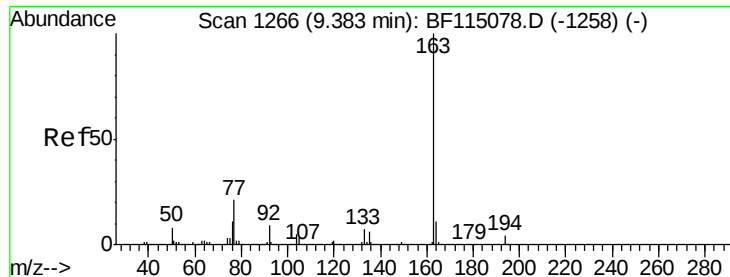
153 40.9 20.9 60.9

76 11.4 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

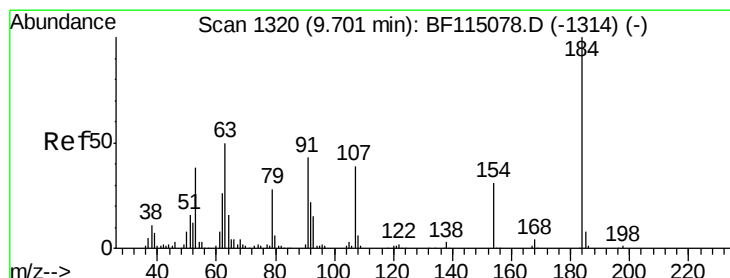
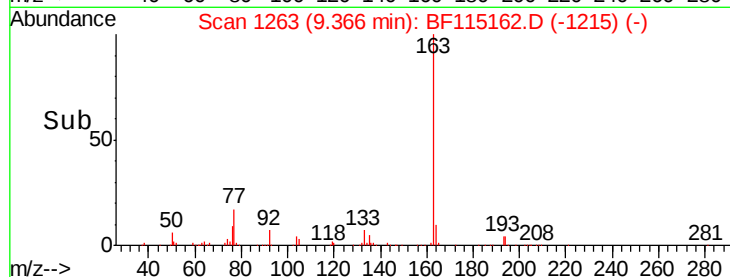
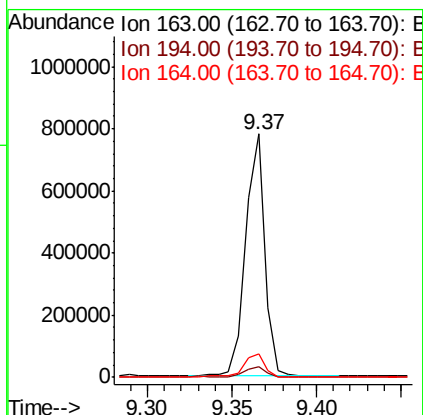
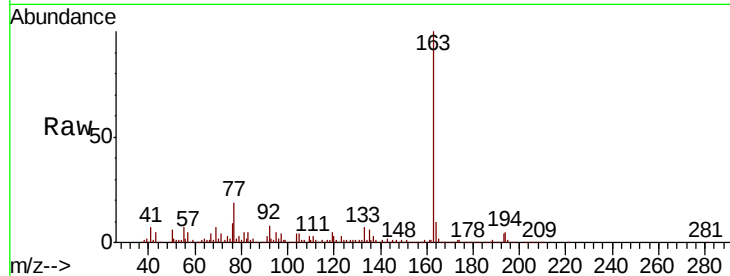




#50
Dimethylphthalate
Concen: 16.228 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

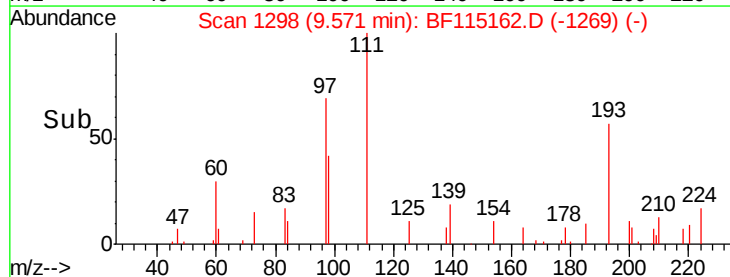
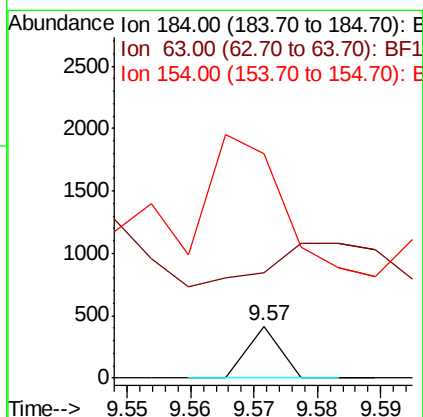
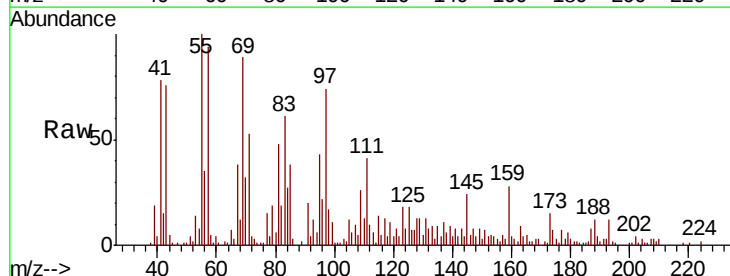
Instrument :
BNA_F
ClientSampleId :
TP-3

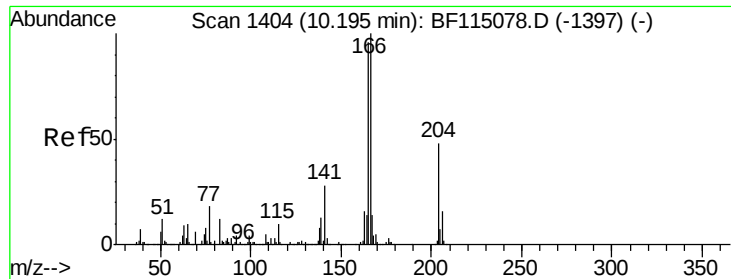
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	9.9	8.6	13.0



#54
2,4-Dinitrophenol
Concen: 7.373 ng
RT: 9.57 min Scan# 1298
Delta R.T. -0.13 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	201.4	41.9	62.9#
154	429.2	44.7	67.1#

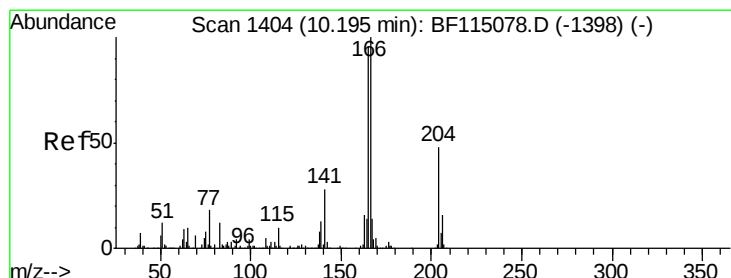
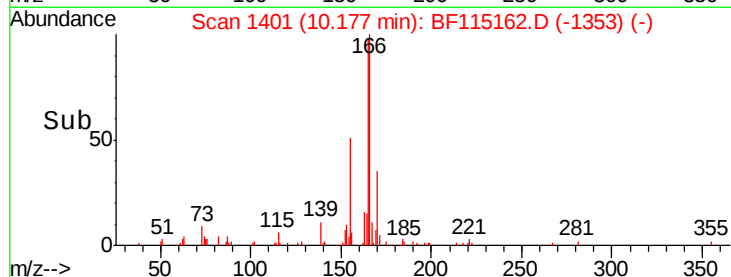
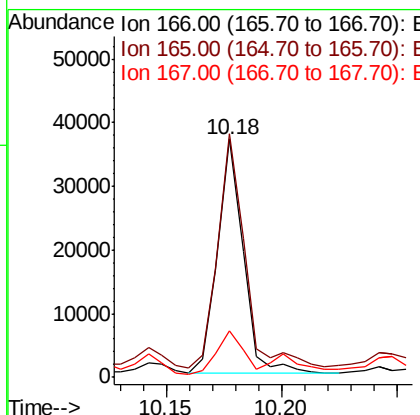
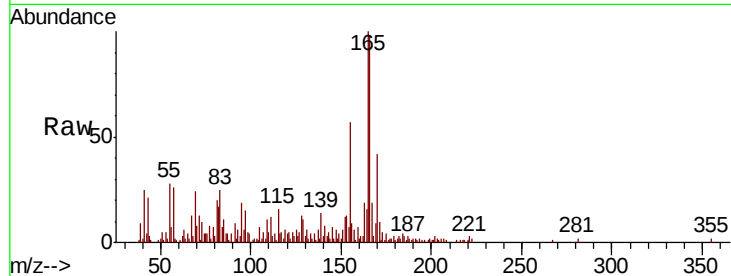




#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

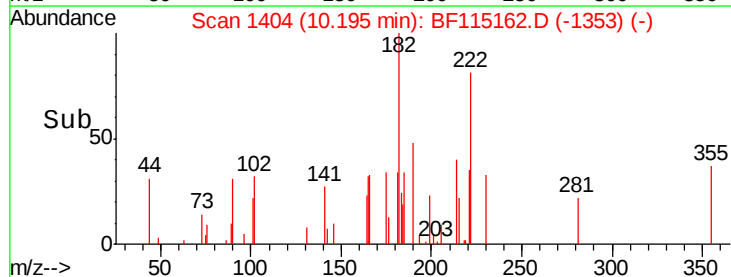
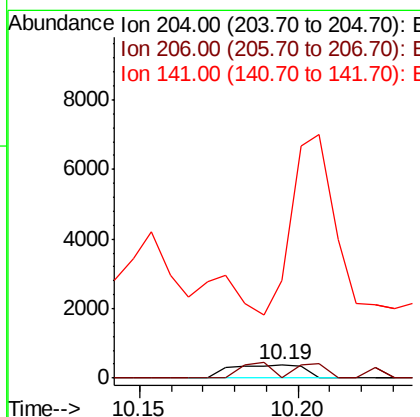
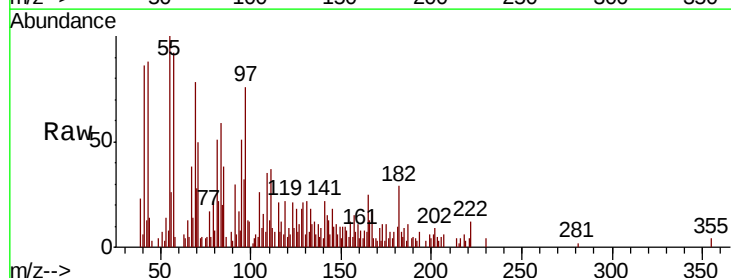
Instrument :
 BNA_F
 ClientSampled :
 TP-3

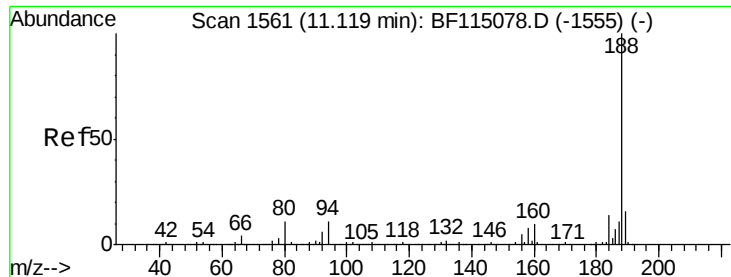
Tot Ion:166 Resp: 28458
 Ion Ratio Lower Upper
 166 100
 165 102.2 76.5 114.7
 167 19.3 11.0 16.4#



#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.19 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

Tgt Ion:204 Resp: 610
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 723.6 46.7 70.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

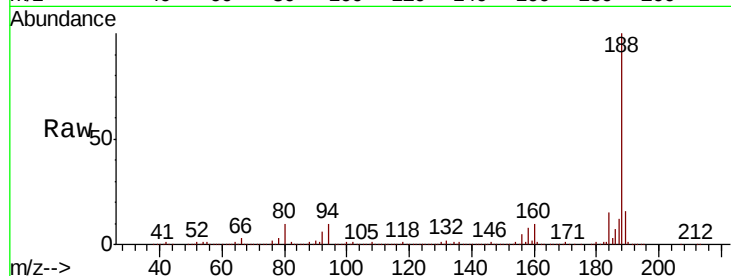
Tot Ion:188 Resp: 1055710

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

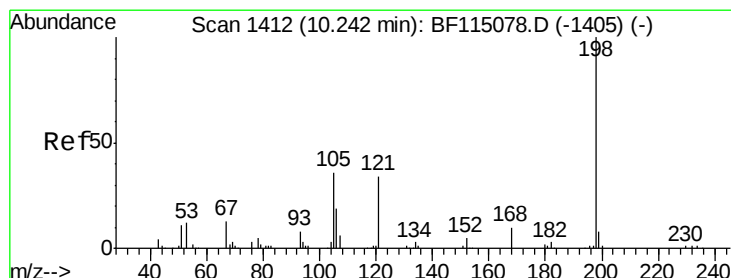
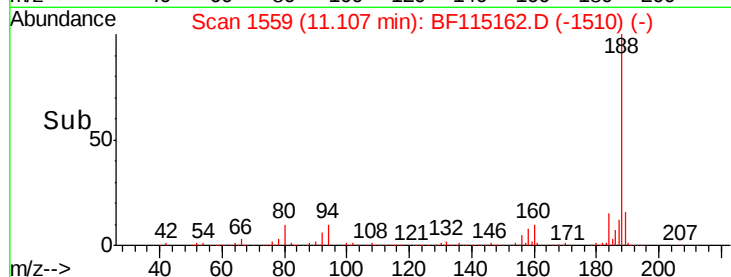
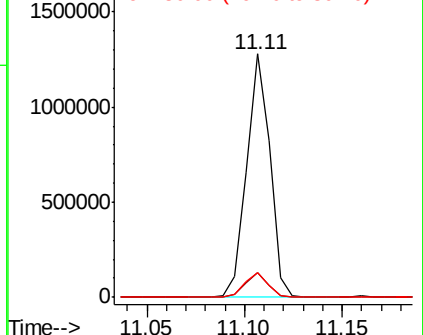
80 10.4 8.8 13.2



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: 4.981 ng

RT: 10.21 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

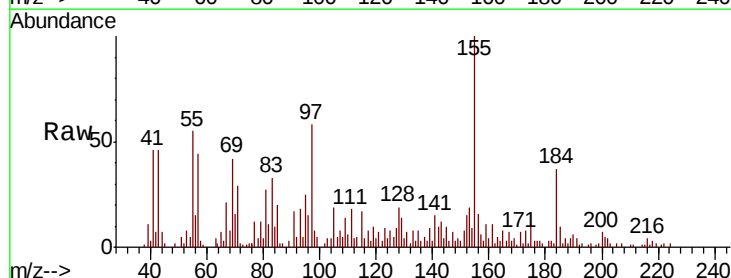
Tgt Ion:198 Resp: 135

Ion Ratio Lower Upper

198 100

51 318.1 11.0 51.0#

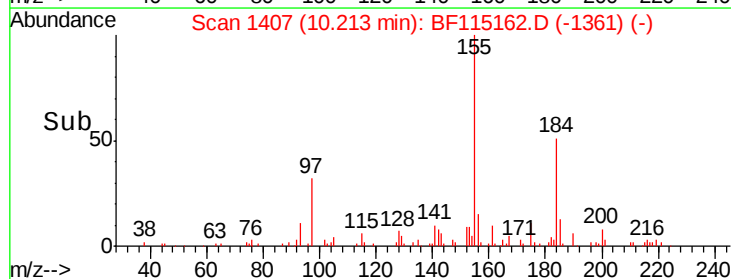
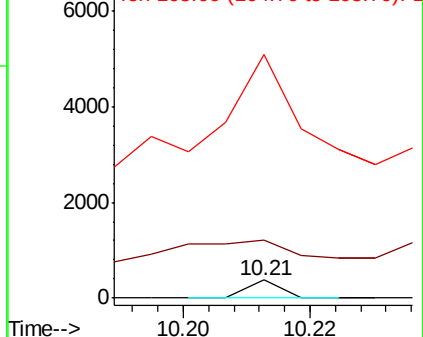
105 1333.0 17.3 57.3#

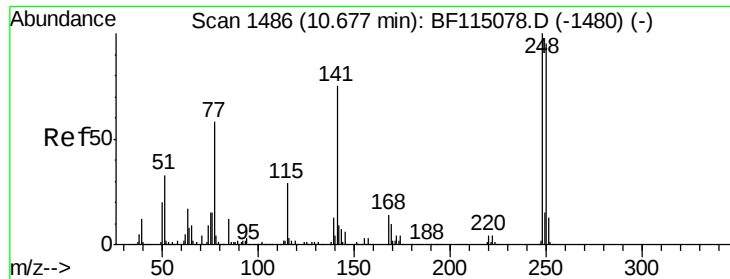


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

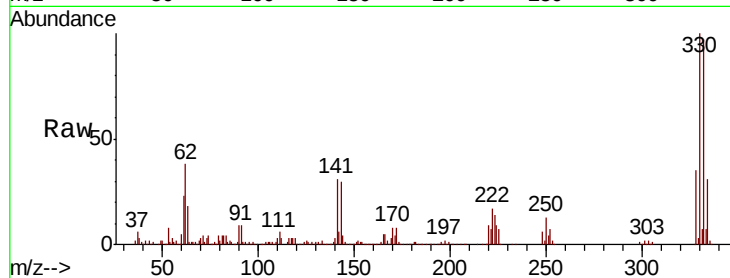




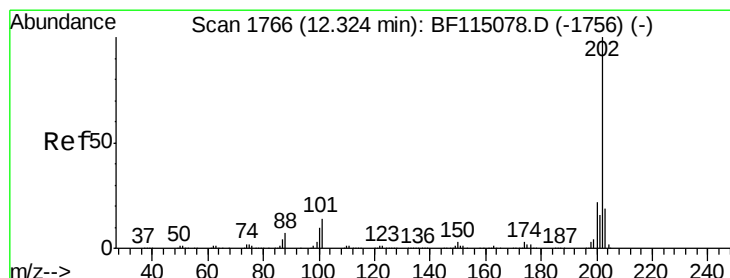
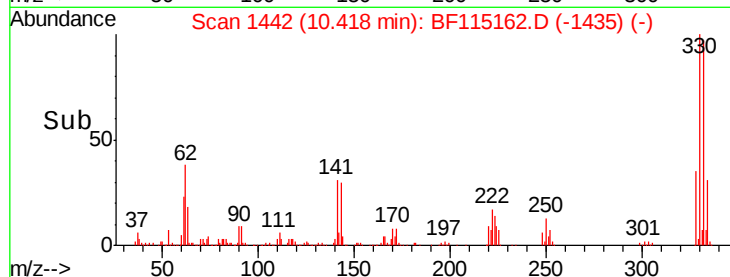
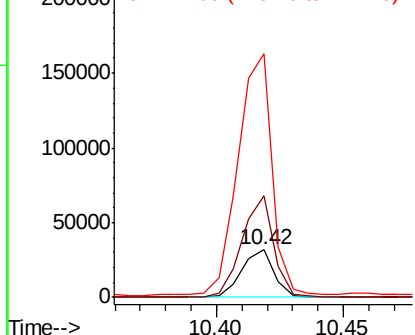
#67
4-Bromophenyl-phenylether
Concen: 2.472 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.26 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:248 Resp: 28300
Ion Ratio Lower Upper
248 100
250 213.4 76.2 114.2#
141 511.7 59.6 89.4#

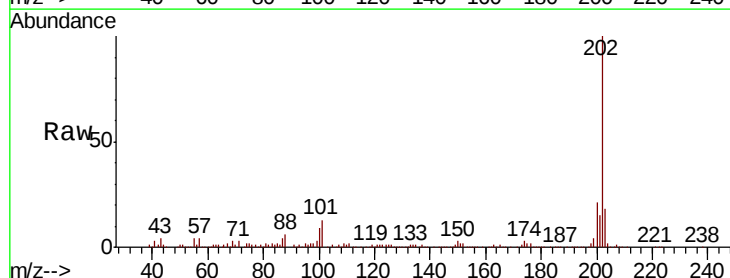


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

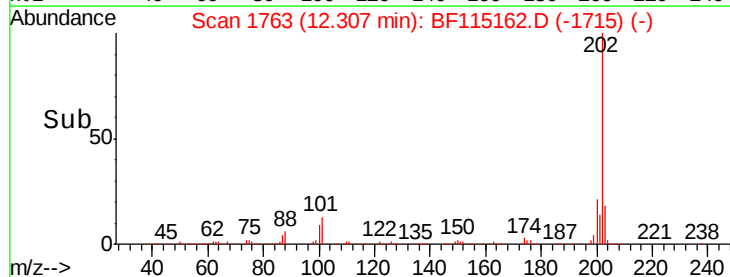
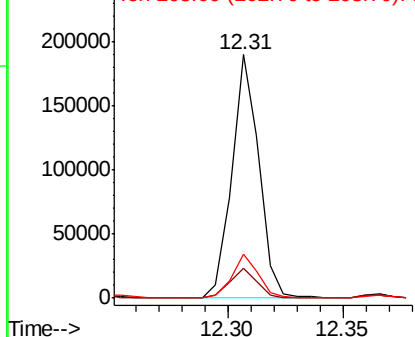


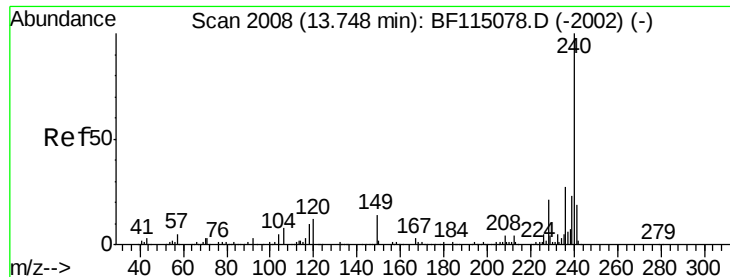
#75
Fluoranthene
Concen: 2.698 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion:202 Resp: 153006
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.0
203 18.1 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

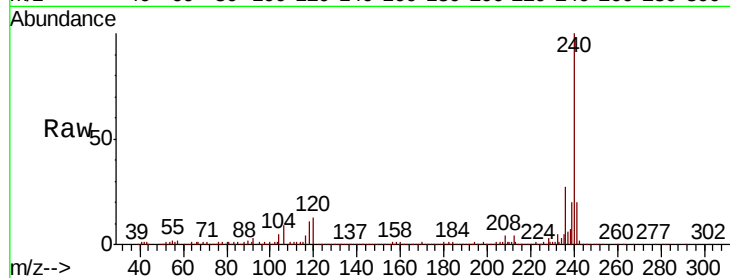




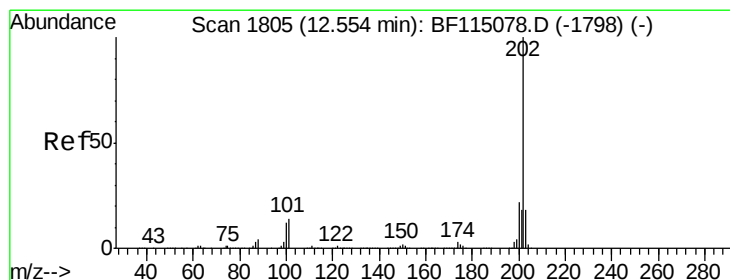
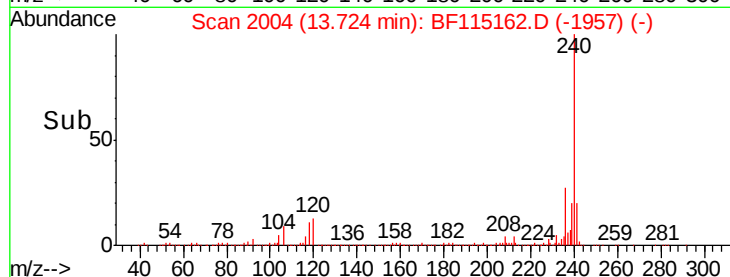
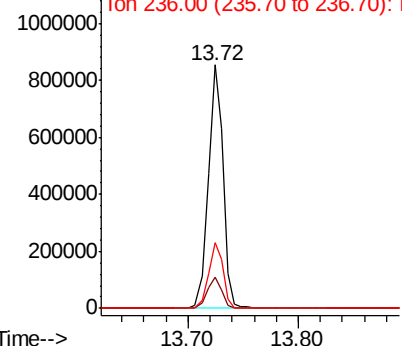
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:240 Resp: 792751
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 26.9 21.7 32.5

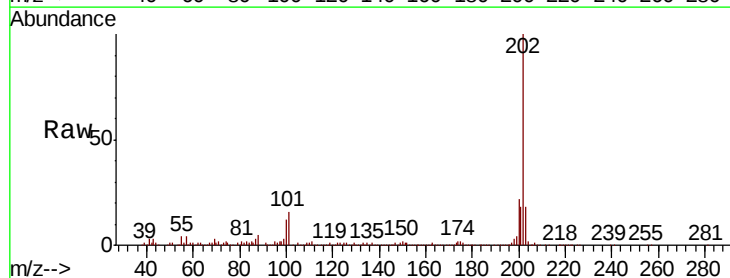


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

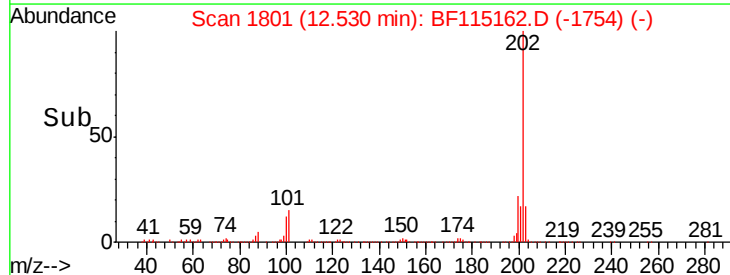
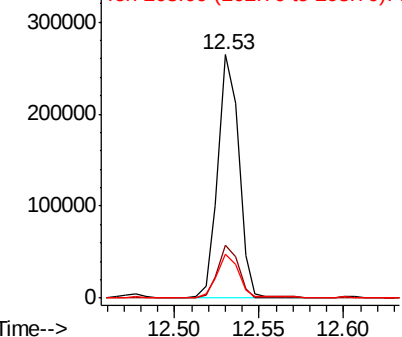


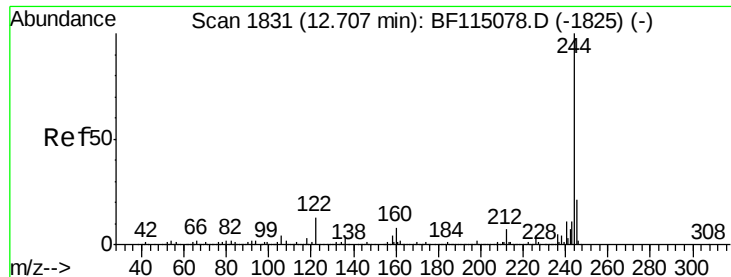
#78
Pyrene
Concen: 3.739 ng
RT: 12.53 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion:202 Resp: 227809
Ion Ratio Lower Upper
202 100
200 21.7 17.9 26.9
203 18.0 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.571 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

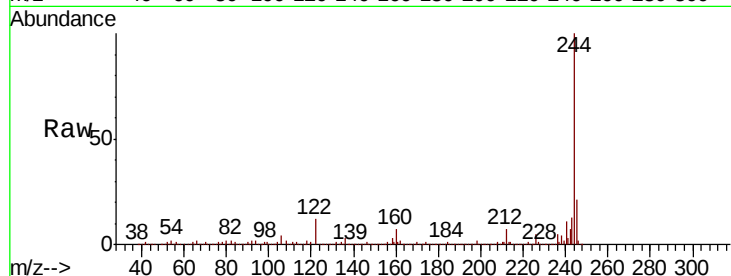
Tot Ion:244 Resp: 2258445

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

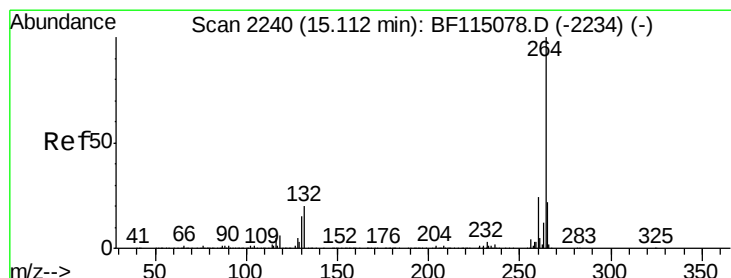
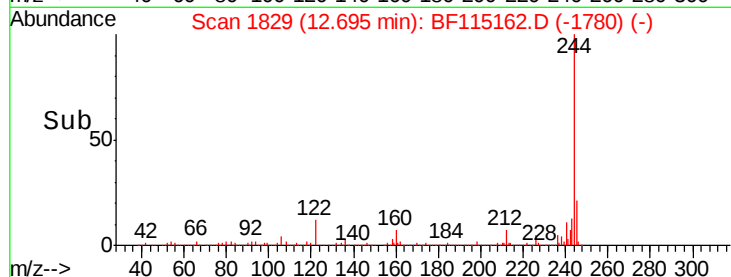
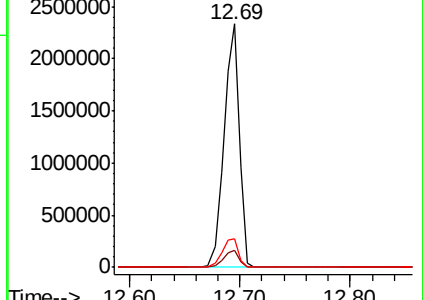
122 11.8 10.4 15.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

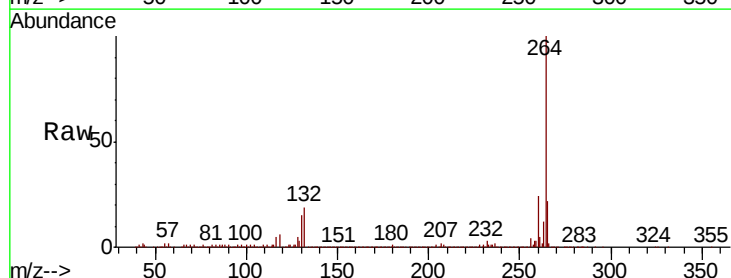
Tgt Ion:264 Resp: 671910

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

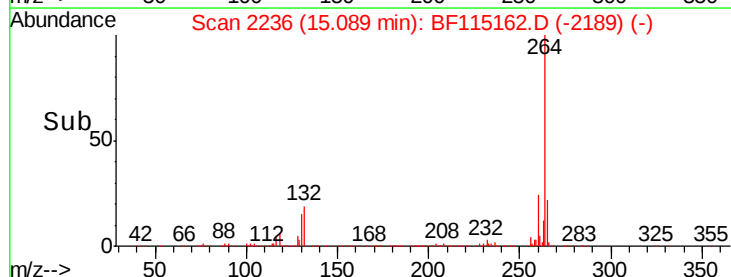
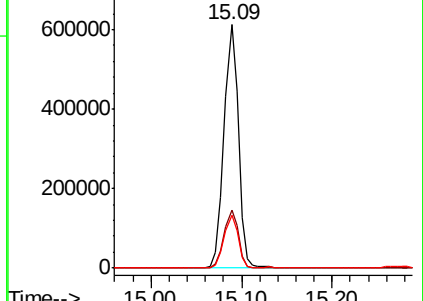
265 21.8 17.3 25.9

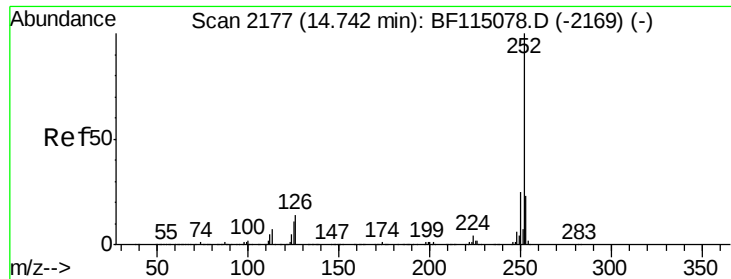


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

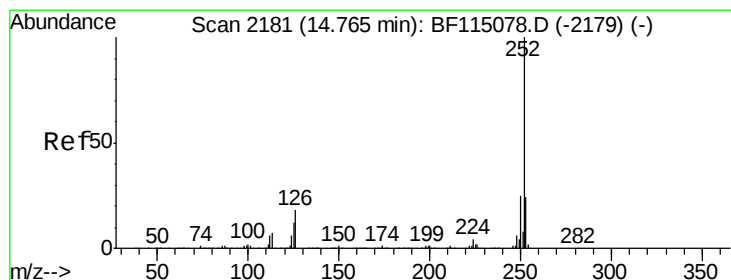
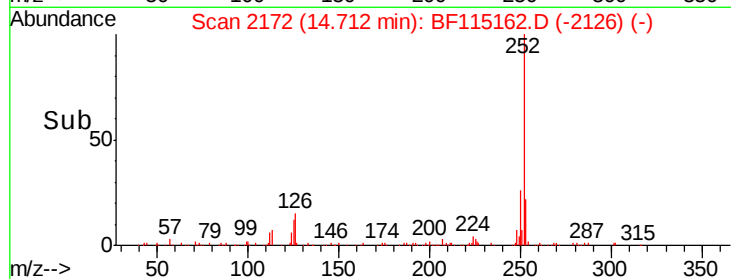
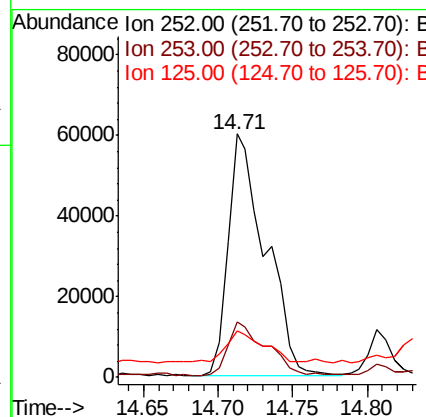
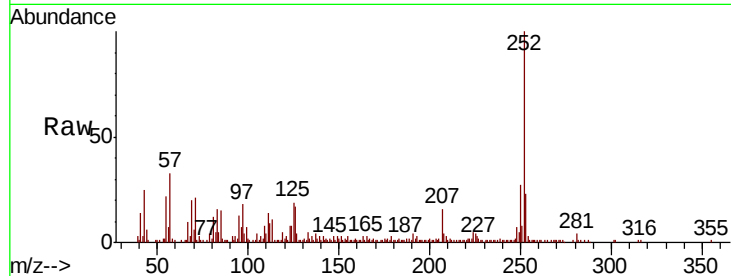




#88
Benzo(b)fluoranthene
Concen: 2.493 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	19.3	8.7	13.1#



#89
Benzo(k)fluoranthene
Concen: 2.780 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.05 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	19.3	10.2	15.2#

