

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115945.D
 Acq On : 2 Aug 2019 14:29
 Operator : HP/JU
 Sample : K4024-09 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Aug 02 16:45:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119754	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	412130	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	188544	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	362178	20.00	ng	0.02
76) Chrysene-d12	14.02	240	319343	20.00	ng	0.00
87) Perylene-d12	15.49	264	341540	20.00	ng	0.00

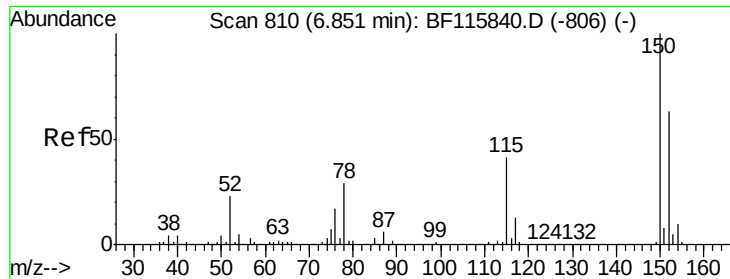
System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	11079	1.55	ng	0.01
7) Phenol-d6	6.49	99	12098	1.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	98160	13.75	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	5278	2.89	ng	0.02
45) 2-Fluorobiphenyl	9.22	172	152171	15.12	ng	0.00
79) Terphenyl-d14	12.97	244	167829	11.07	ng	0.00

Target Compounds

						Qvalue
18) Hexachloroethane	7.39	117	120105	35.638	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	33400	5.972	ng	# 68
22) Acetophenone	7.20	105	45613	5.046	ng	# 63
24) Nitrobenzene	7.42	77	33398	4.332	ng	# 34
25) Isophorone	7.67	82	102918	7.538	ng	# 1
26) 2-Nitrophenol	7.76	139	8792	2.419	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	17065	3.121	ng	# 24
29) 2,4-Dichlorophenol	7.97	162	16764	2.904	ng	# 29
32) Benzoic acid	7.93	122	13065	3.389	ng	# 19
35) Caprolactam	8.58	113	136743	73.240	ng	# 70
36) 4-Chloro-3-methylphenol	8.67	107	13346	2.222	ng	# 31
37) 2-Methylnaphthalene	8.97	142	1483534	116.150	ng	# 92
38) 1-Methylnaphthalene	8.97	142	1483534	122.775	ng	# 98
43) 2,4,6-Trichlorophenol	9.14	196	8625	2.486	ng	# 11
48) 2-Nitroaniline	9.46	65	9672	2.641	ng	# 1
49) Acenaphthylene	9.77	152	88264	5.461	ng	# 1
50) Dimethylphthalate	9.62	163	32451	2.528	ng	# 24
51) 2,6-Dinitrotoluene	9.69	165	8080	2.896	ng	# 1
52) Acenaphthene	9.95	154	166247	16.766	ng	# 73
53) 3-Nitroaniline	9.87	138	16352	4.744	ng	# 49
54) 2,4-Dinitrophenol	9.95	184	1370	8.684	ng	# 1
55) Dibenzofuran	10.12	168	147159	10.205	ng	# 14
56) 4-Nitrophenol	10.02	139	100966	45.721	ng	# 64
57) 2,4-Dinitrotoluene	10.09	165	16112	4.338	ng	# 61
58) Fluorene	10.46	166	390389	35.188	ng	# 93
63) Azobenzene	10.61	77	60958	4.945	ng	# 1
66) n-Nitrosodiphenylamine	10.57	169	350331	32.137	ng	# 53
71) Phenanthrene	11.43	178	1024901	55.354	ng	# 97
72) Anthracene	11.43	178	1024901	54.695	ng	# 96
75) Fluoranthene	12.60	202	41488	2.140	ng	# 61
78) Pyrene	12.83	202	161540	6.711	ng	# 94

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

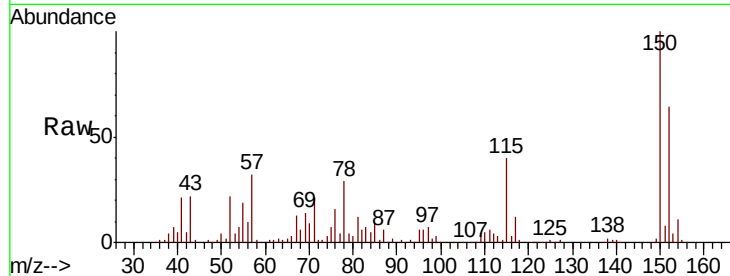


#1

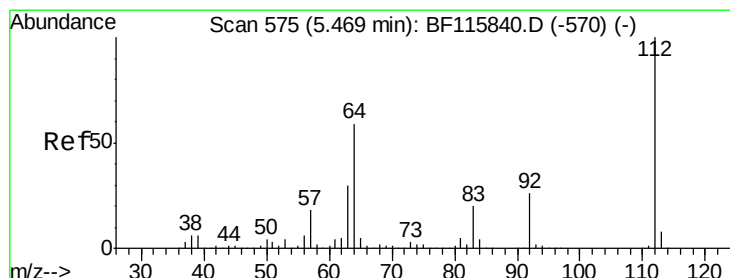
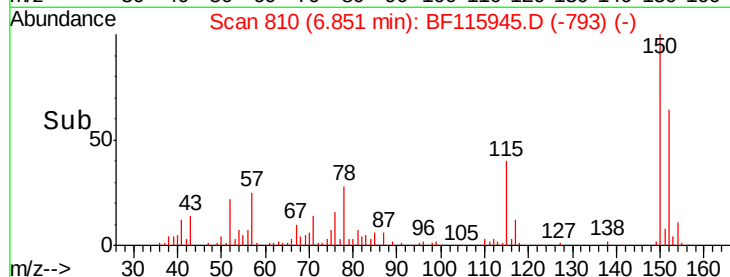
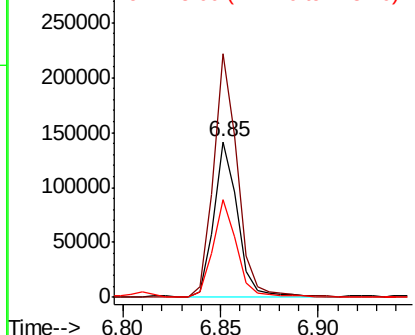
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

Instrument :
BNA_F
ClientSampled :
TP-8

Tot Ion:152 Resp: 119754
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 62.4 51.8 77.8



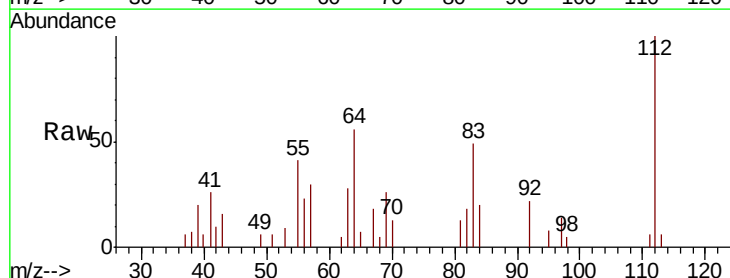
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



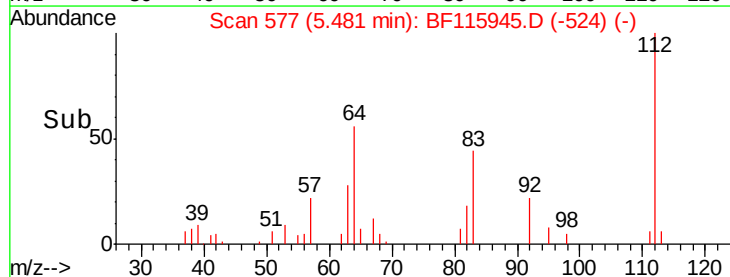
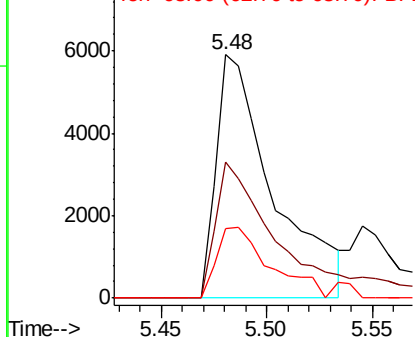
#5

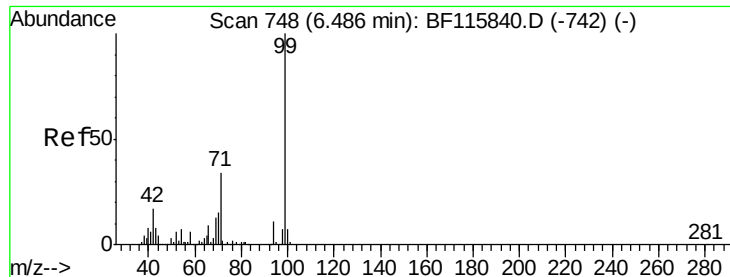
2-Fluorophenol
Concen: 1.549 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

Tgt Ion:112 Resp: 11079
Ion Ratio Lower Upper
112 100
64 56.1 46.8 70.2
63 28.4 24.2 36.2



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: 1.340 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampled :

TP-8

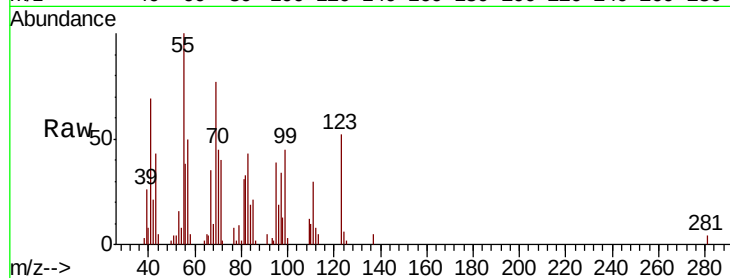
Tot Ion: 99 Resp: 12098

Ion Ratio Lower Upper

99 100

42 47.0 13.8 20.6#

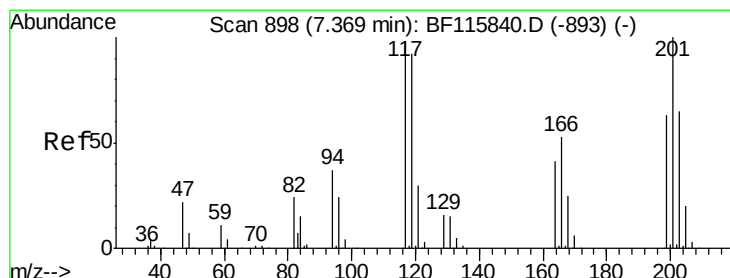
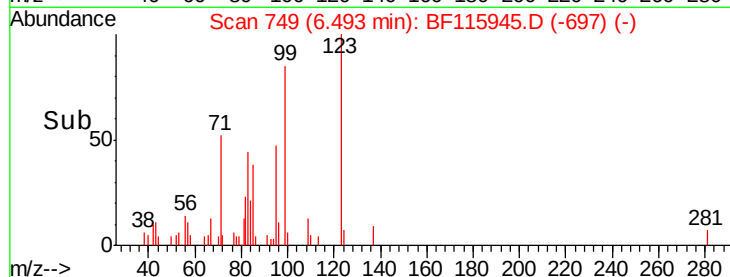
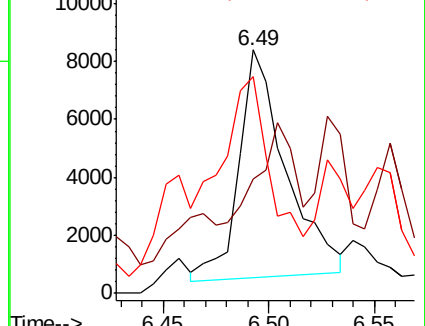
71 88.8 27.1 40.7#



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



#18

Hexachloroethane

Concen: 35.638 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.02 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

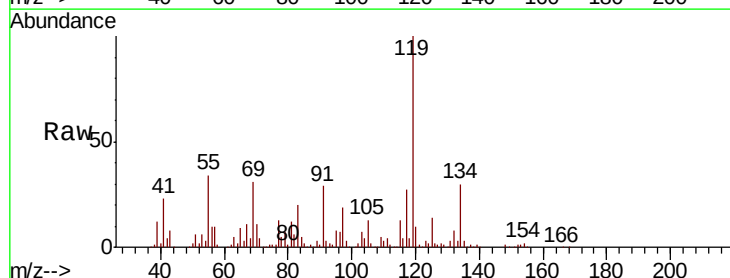
Tgt Ion: 117 Resp: 120105

Ion Ratio Lower Upper

117 100

119 375.6 75.8 113.6#

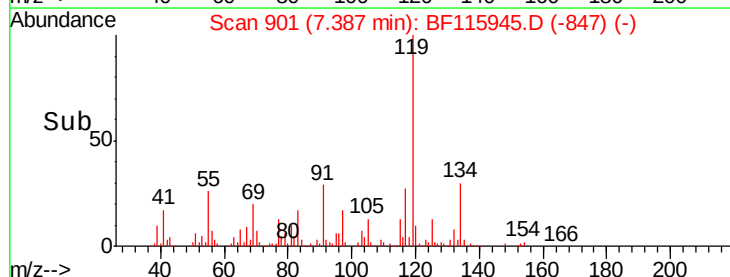
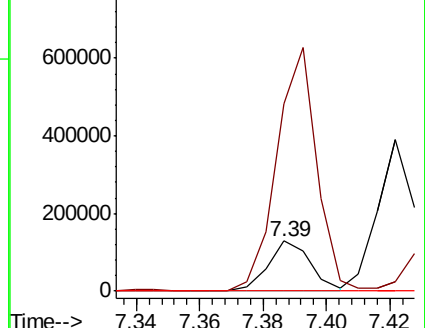
201 0.0 82.0 123.0#

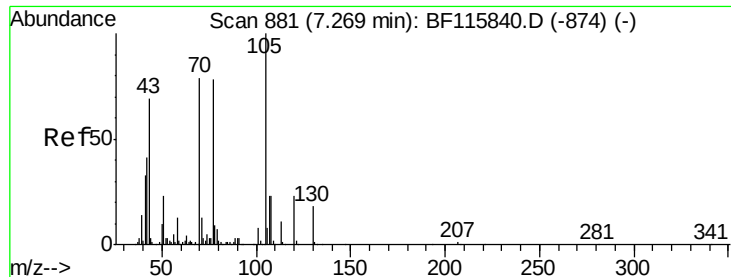


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 5.972 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.02 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

Tot Ion: 70 Resp: 33400

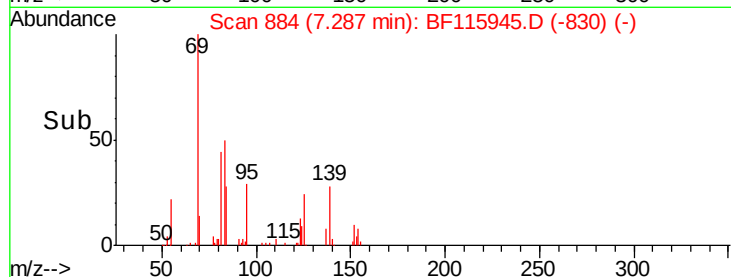
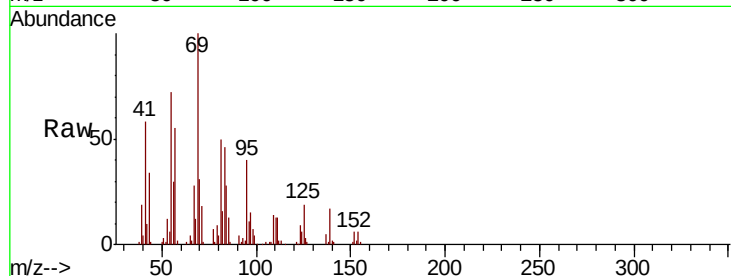
Ion Ratio Lower Upper

70 100

42 33.2 41.8 62.8#

101 0.0 7.7 11.5#

130 0.0 17.8 26.6#

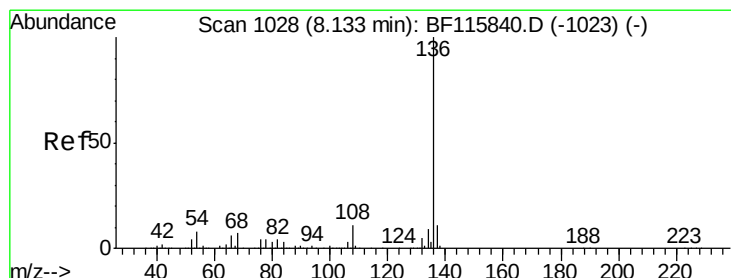
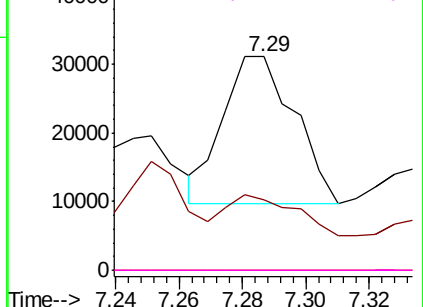


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Tgt Ion: 136 Resp: 412130

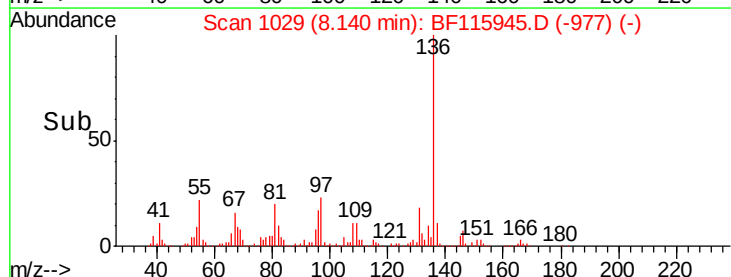
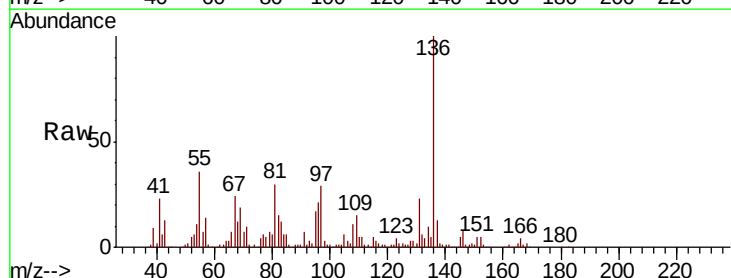
Ion Ratio Lower Upper

136 100

137 12.8 9.1 13.7

54 10.7 6.1 9.1#

68 12.3 5.4 8.2#

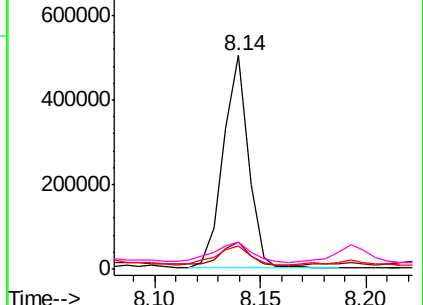


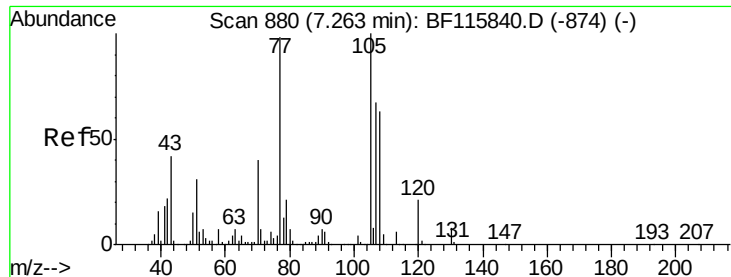
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 5.046 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.06 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

Tot Ion:105 Resp: 45613

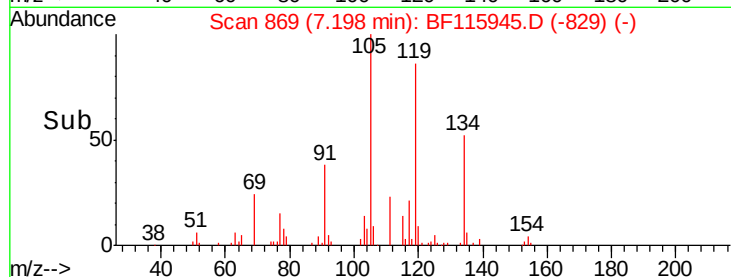
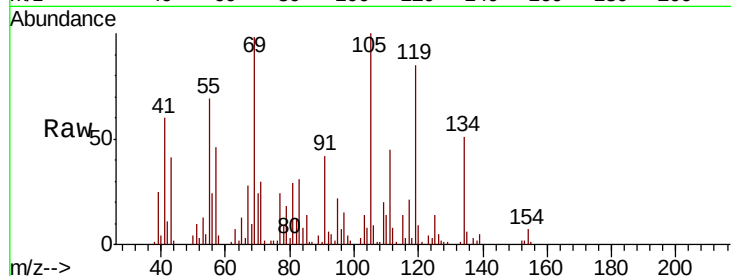
Ion Ratio Lower Upper

105 100

71 29.7 5.4 8.0#

51 9.8 24.6 36.8#

120 8.7 17.0 25.6#

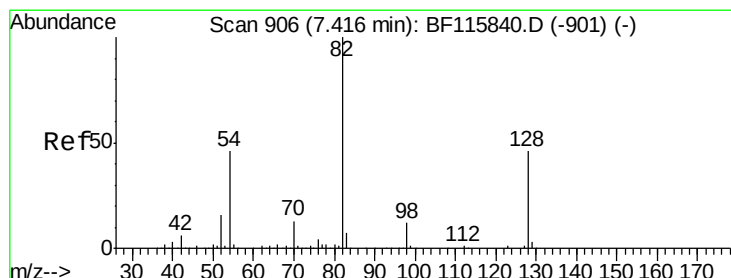
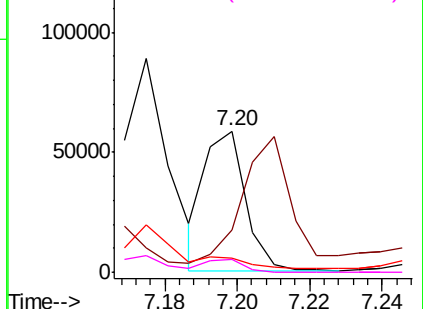


Abundance Ion 105.00 (104.70 to 105.70): E

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: 13.748 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

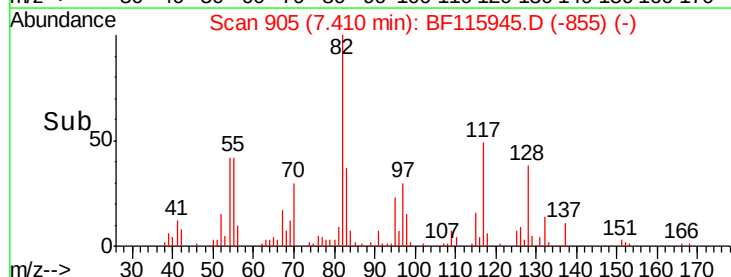
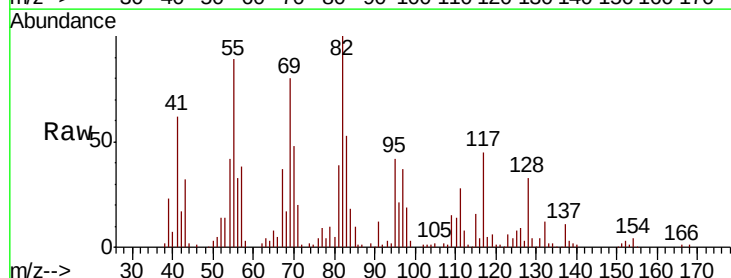
Tgt Ion: 82 Resp: 98160

Ion Ratio Lower Upper

82 100

128 32.9 36.6 55.0#

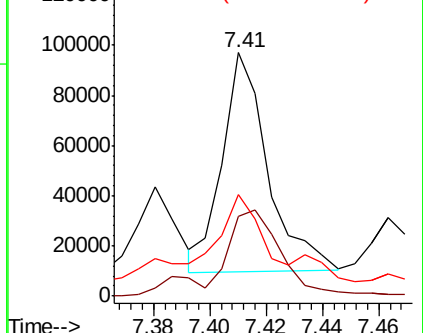
54 41.8 36.6 55.0

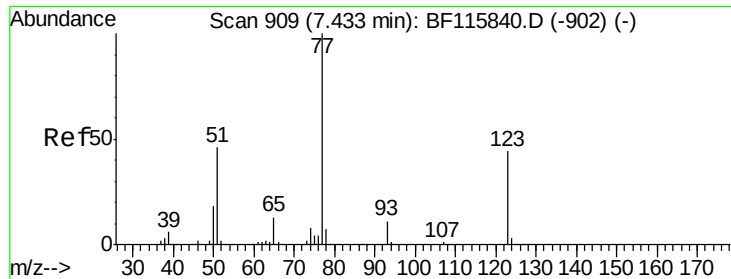


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

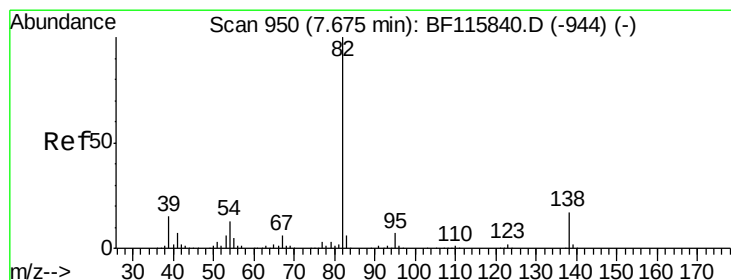
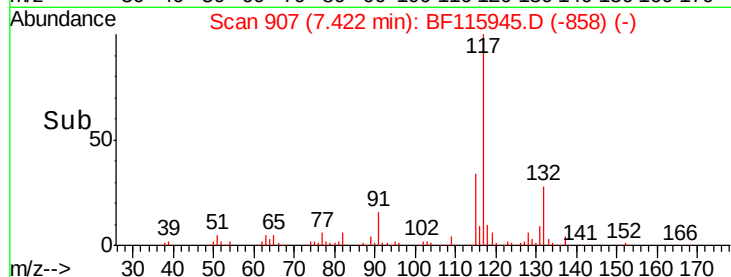
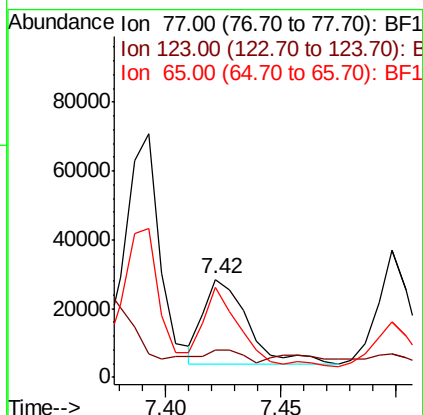
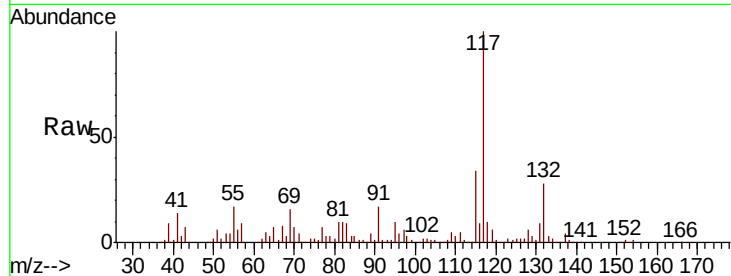




#24
 Nitrobenzene
 Concen: 4.332 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

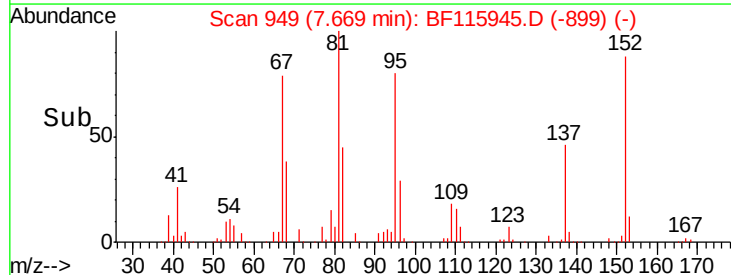
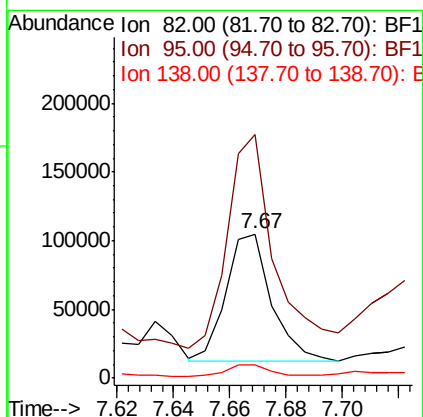
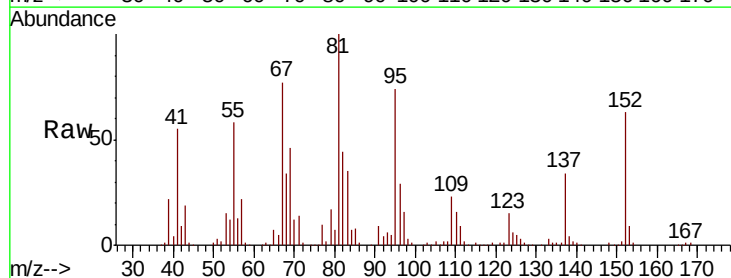
Instrument :
 BNA_F
 ClientSampled :
 TP-8

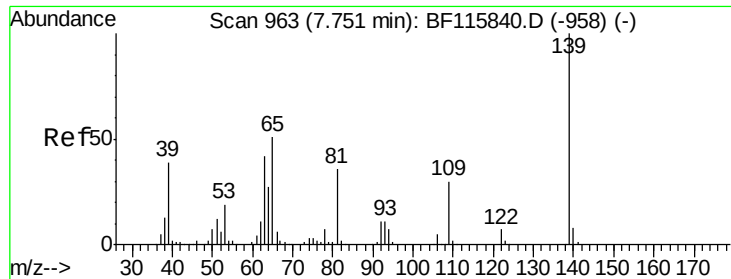
Tot Ion: 77 Resp: 33398
 Ion Ratio Lower Upper
 77 100
 123 27.4 35.5 53.3#
 65 92.3 10.6 15.8#



#25
 Isophorone
 Concen: 7.538 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

Tgt Ion: 82 Resp: 102918
 Ion Ratio Lower Upper
 82 100
 95 168.9 5.5 8.3#
 138 9.4 13.9 20.9#

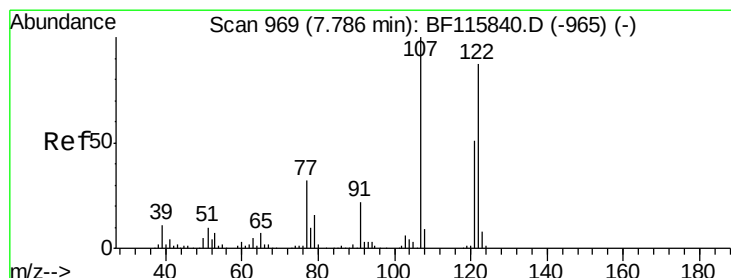
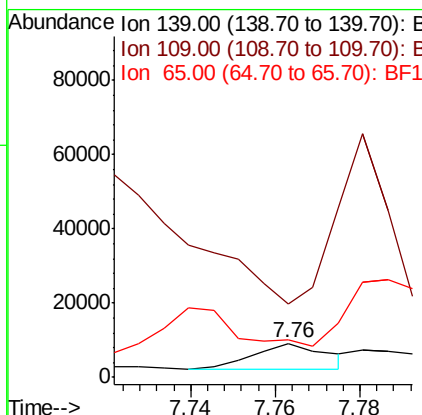
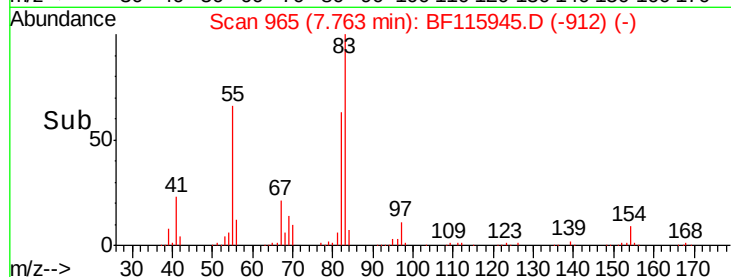
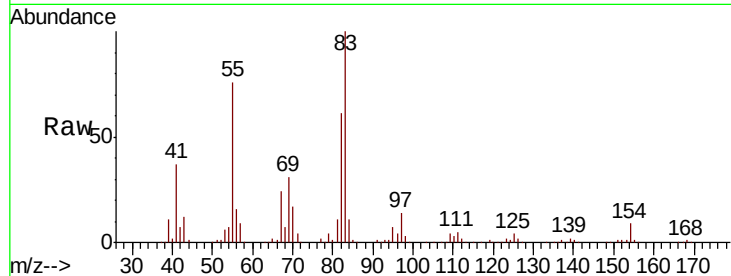




#26
 2-Nitrophenol
 Concen: 2.419 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

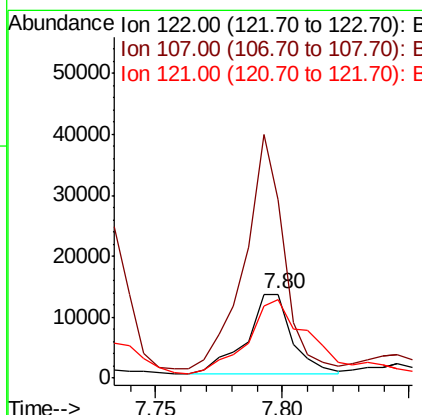
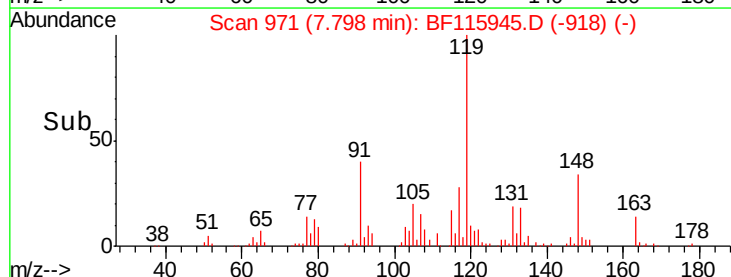
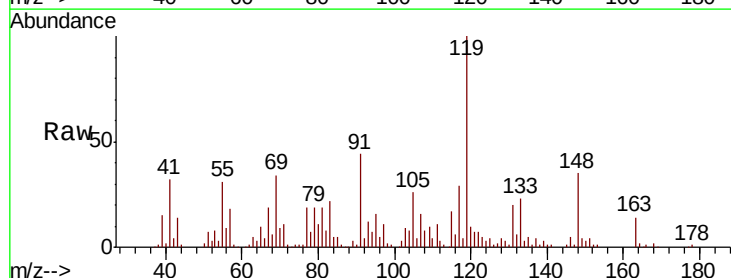
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

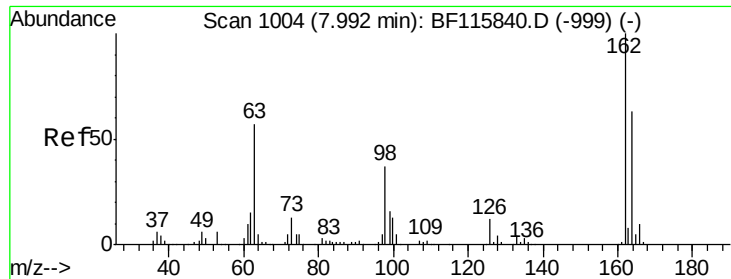
Tot Ion	Ratio	Lower	Upper
139	100		
109	218.2	23.6	35.4#
65	112.5	40.6	60.8#



#27
 2,4-Dimethylphenol
 Concen: 3.121 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

Tgt Ion	Ratio	Lower	Upper
122	100		
107	212.2	91.7	137.5#
121	93.6	46.6	70.0#

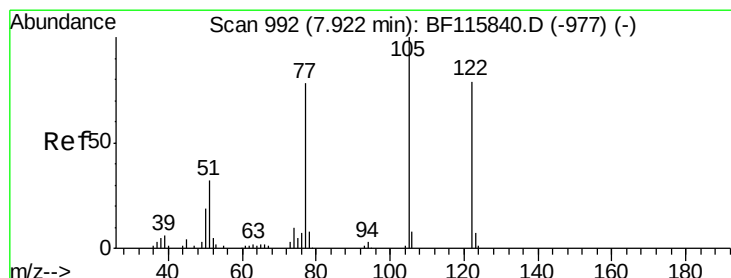
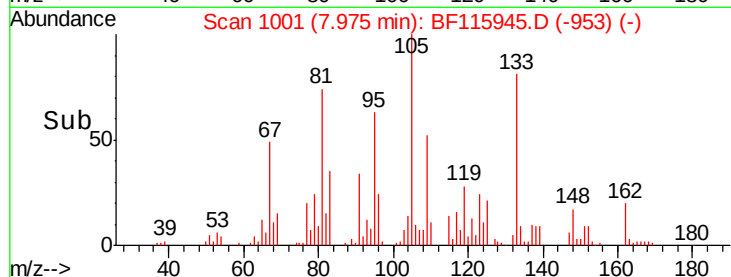
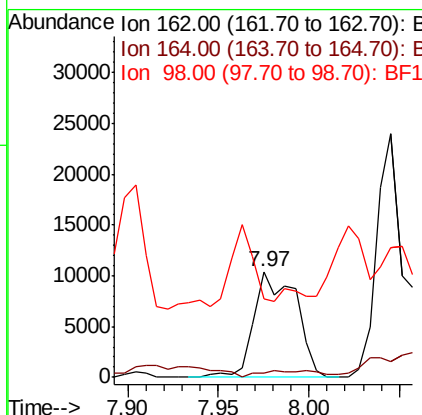
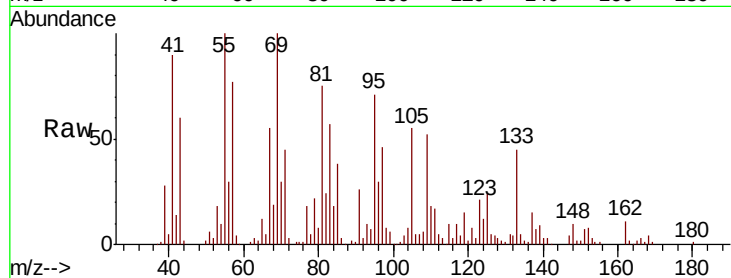




#29
2,4-Dichlorophenol
Concen: 2.904 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

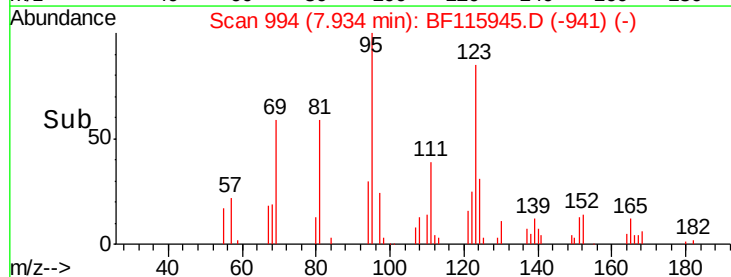
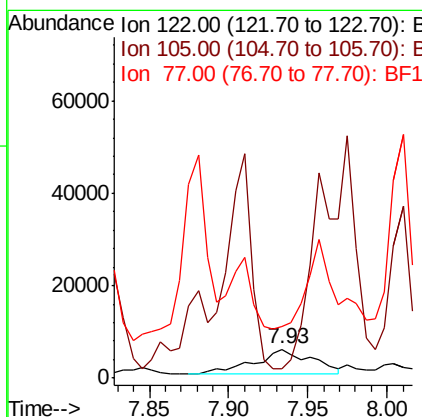
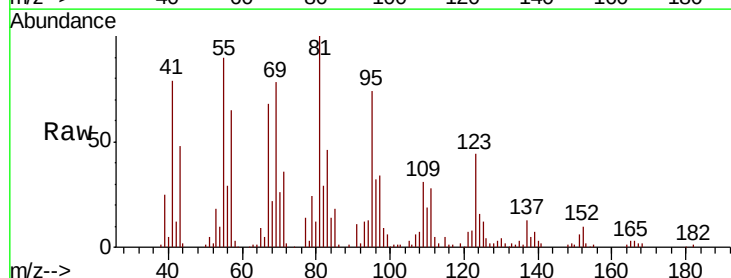
Instrument :
BNA_F
ClientSampleId :
TP-8

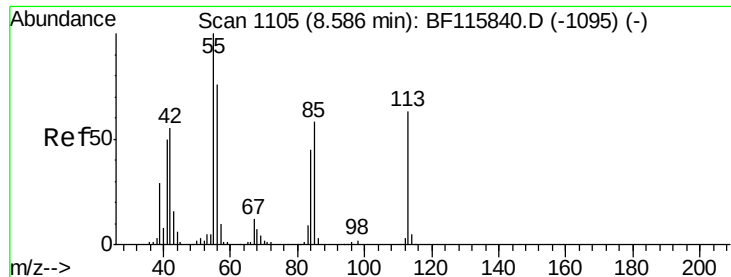
Tot Ion:162 Resp: 16764
Ion Ratio Lower Upper
162 100
164 4.4 43.2 83.2#
98 74.4 17.3 57.3#



#32
Benzoic acid
Concen: 3.389 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

Tgt Ion:122 Resp: 13065
Ion Ratio Lower Upper
122 100
105 32.5 103.1 143.1#
77 176.9 76.8 116.8#

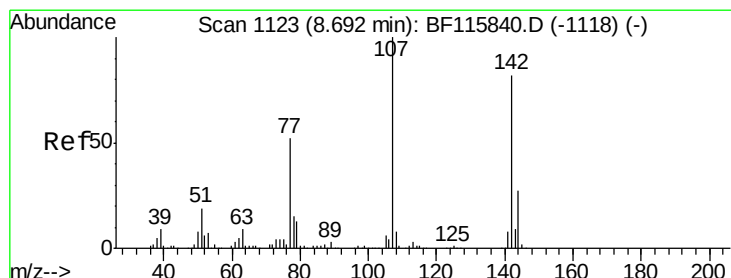
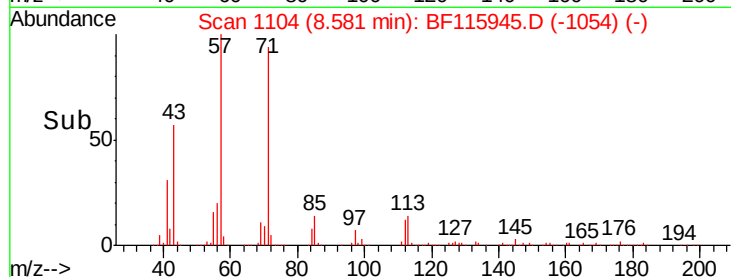
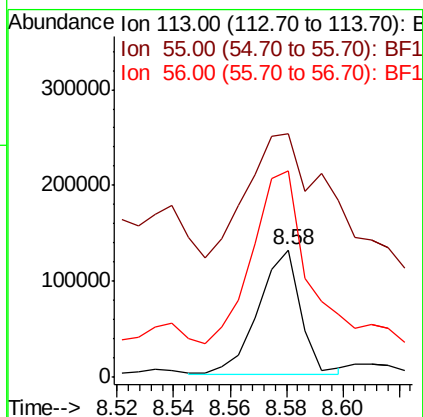
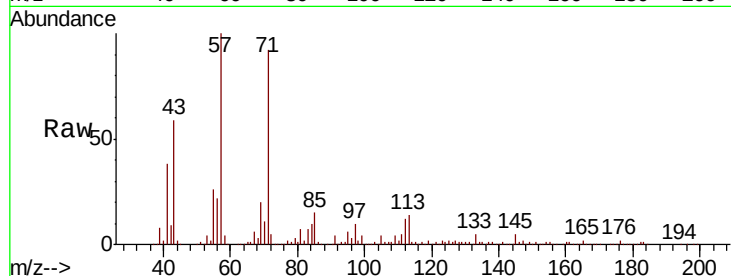




#35
 Caprolactam
 Concen: 73.240 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

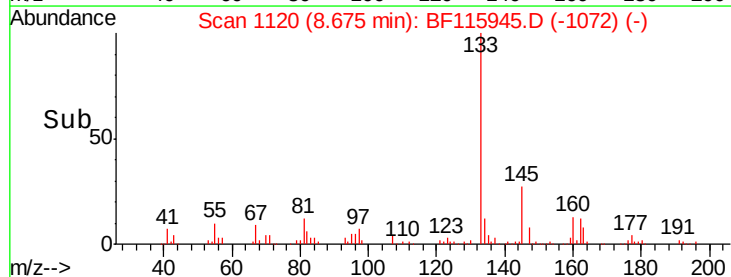
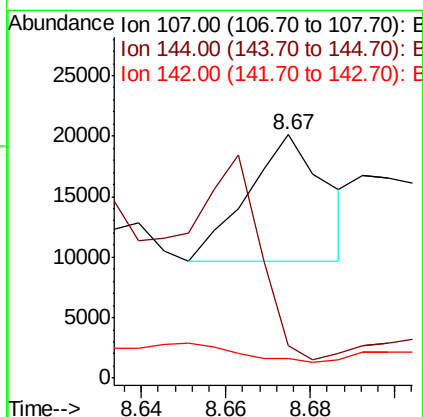
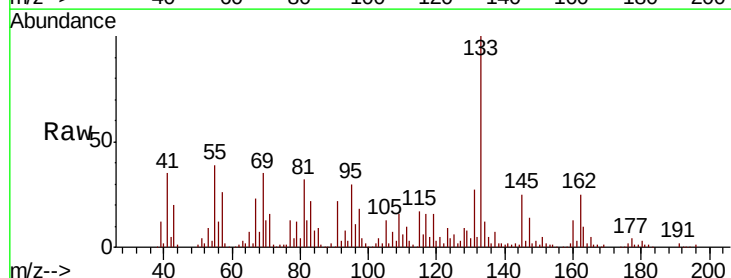
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

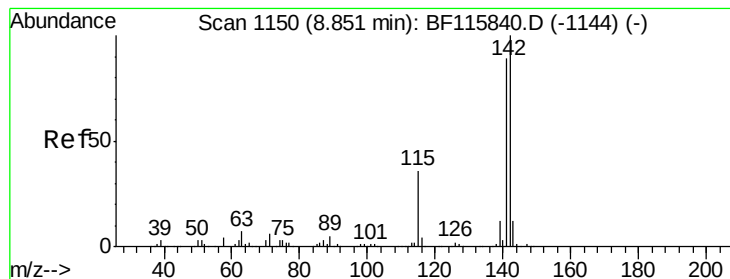
Tot Ion:113 Resp: 136743
 Ion Ratio Lower Upper
 113 100
 55 190.7 138.1 178.1#
 56 161.9 100.6 140.6#



#36
 4-Chloro-3-methylphenol
 Concen: 2.222 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

Tgt Ion:107 Resp: 13346
 Ion Ratio Lower Upper
 107 100
 144 13.5 21.4 32.0#
 142 7.9 65.5 98.3#





#37

2-Methylnaphthalene

Concen: 116.150 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.12 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

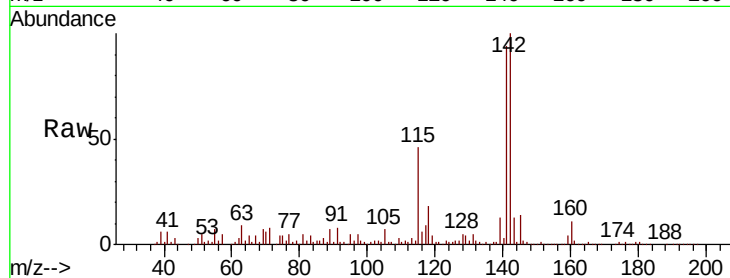
Tot Ion:142 Resp: 1483534

Ion Ratio Lower Upper

142 100

141 93.7 71.4 107.2

115 45.7 28.9 43.3#

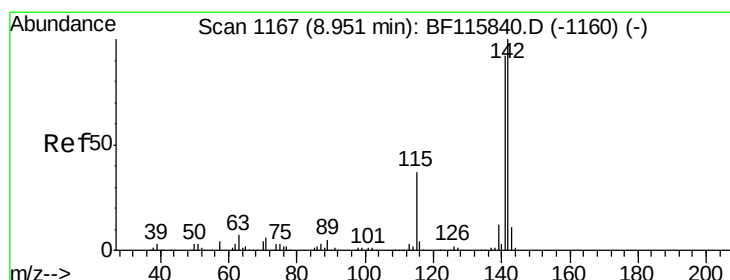
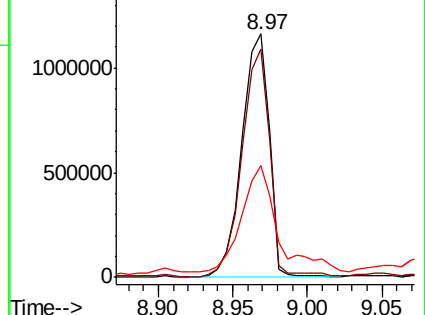
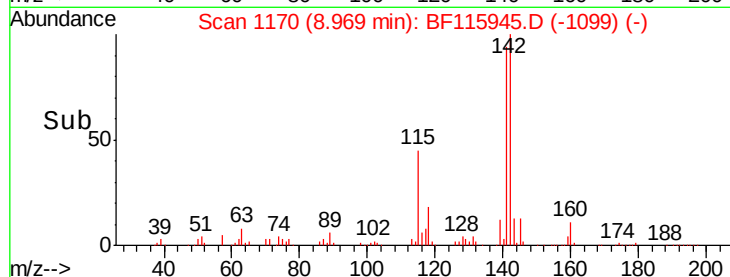


Abundance

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: 122.775 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.02 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

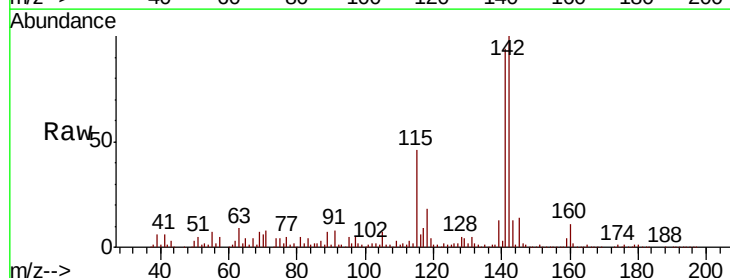
Tgt Ion:142 Resp: 1483534

Ion Ratio Lower Upper

142 100

141 93.7 73.8 110.6

116 6.1 3.1 4.7#

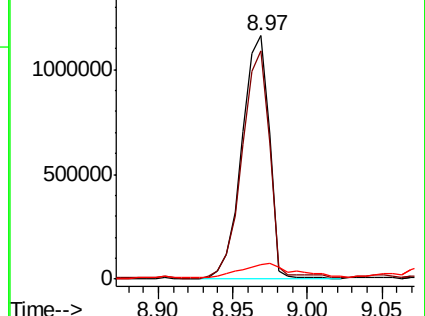
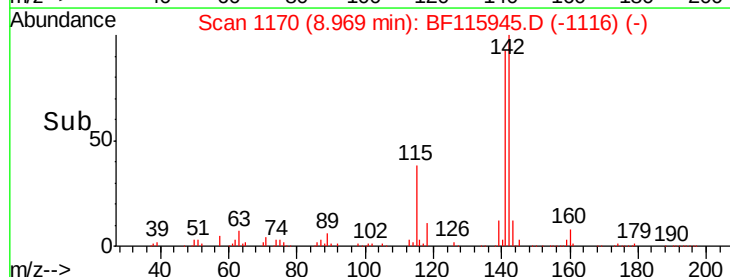


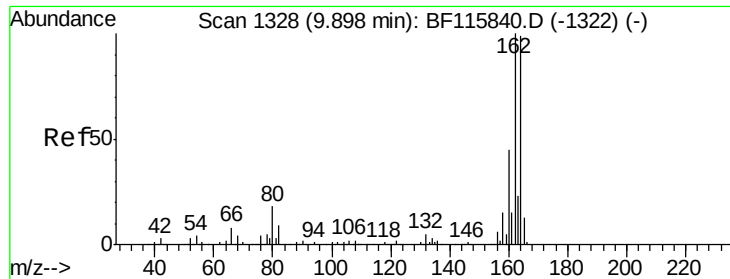
Abundance

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

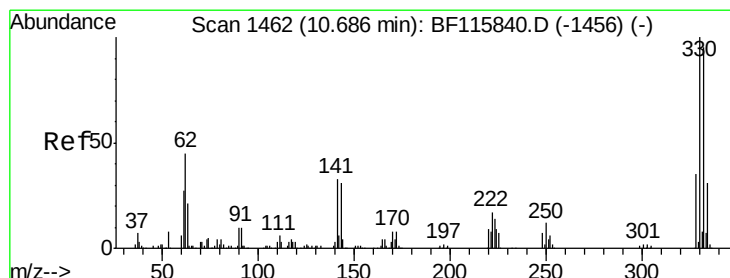
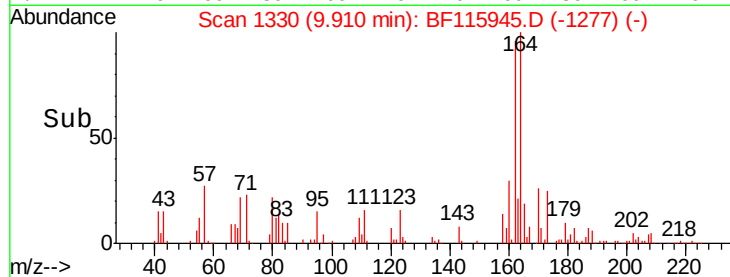
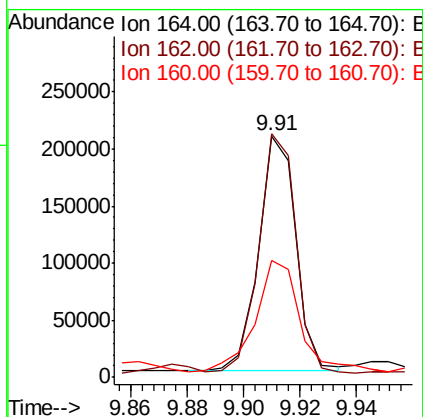
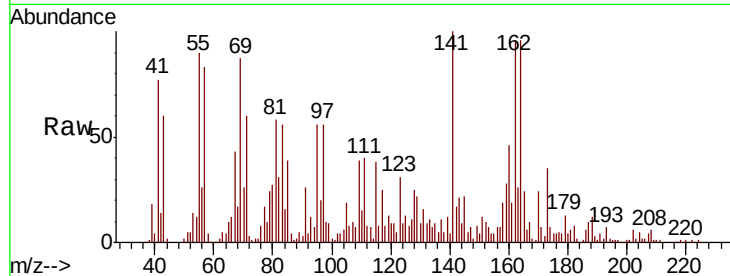




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

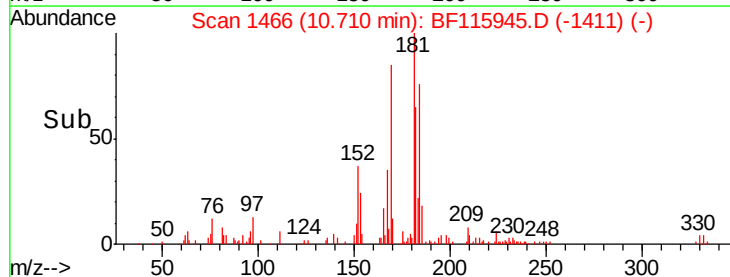
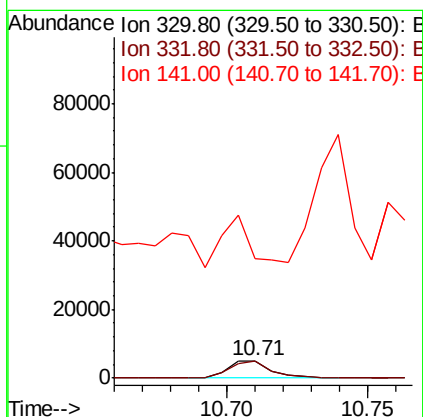
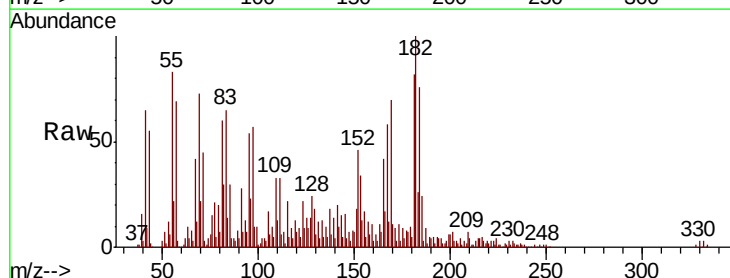
Instrument :
 BNA_F
 ClientSampled :
 TP-8

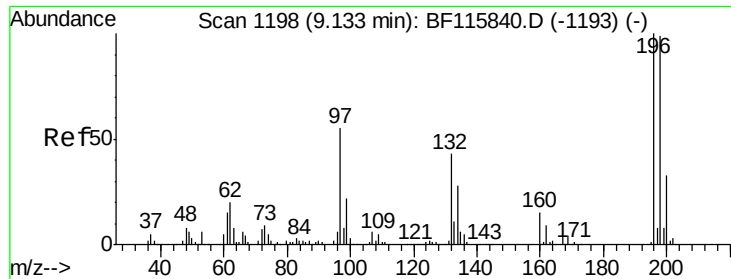
Tot Ion:164 Resp: 188544
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.8 121.2
 160 48.3 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 2.887 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.02 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

Tgt Ion:330 Resp: 5278
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.7 116.5
 141 203.5 28.1 42.1#

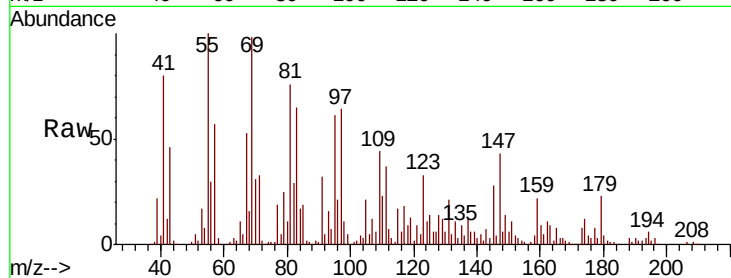




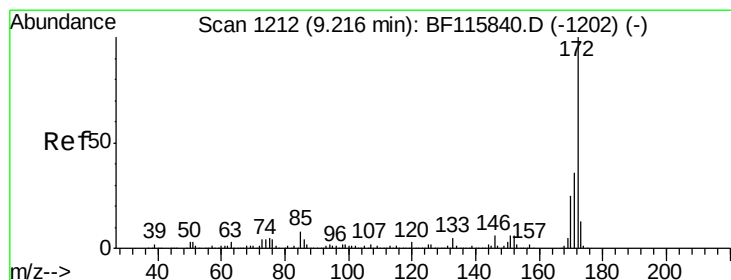
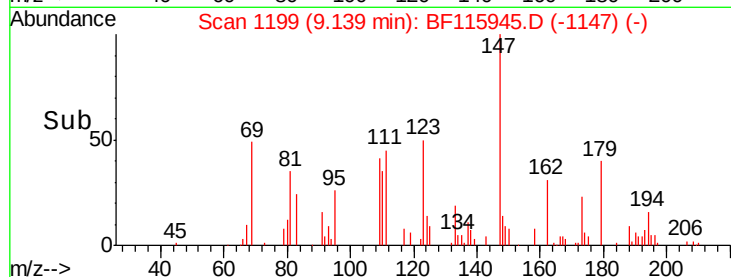
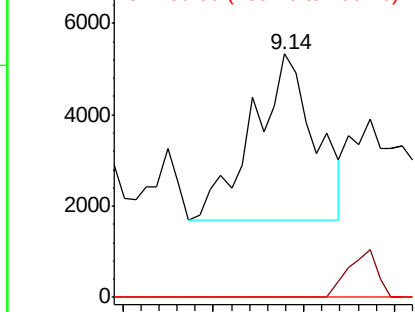
#43
 2,4,6-Trichlorophenol
 Concen: 2.486 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tot Ion:196 Resp: 8625
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.1 118.7#
 200 0.0 26.0 39.0#

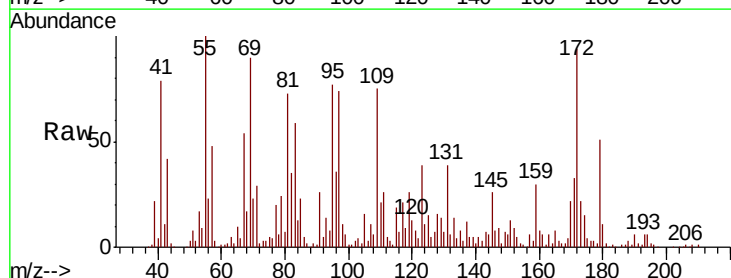


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

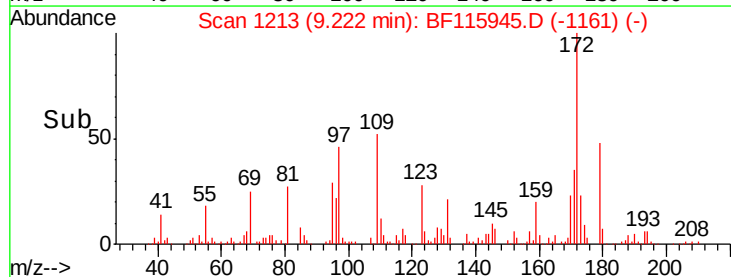
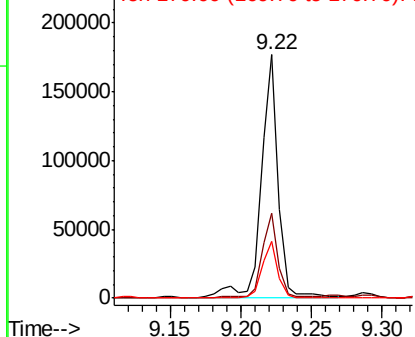


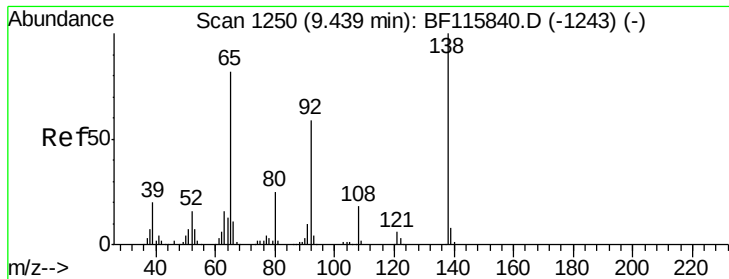
#45
 2-Fluorobiphenyl
 Concen: 15.117 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

Tgt Ion:172 Resp: 152171
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.1 43.7
 170 23.1 20.1 30.1



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

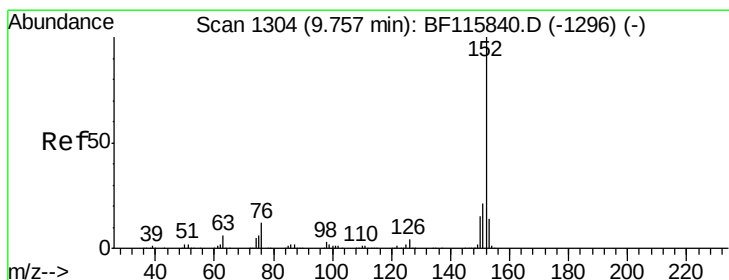
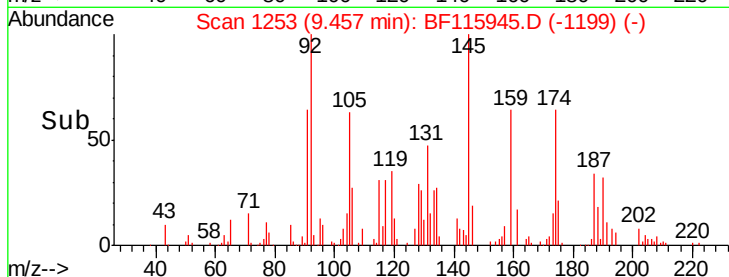
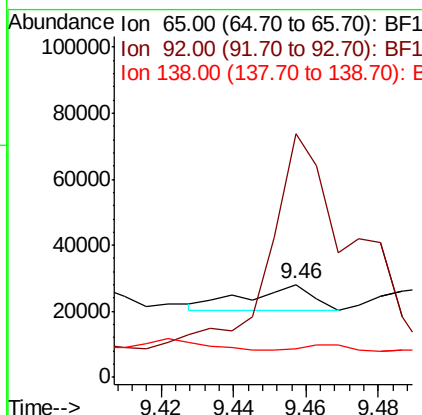
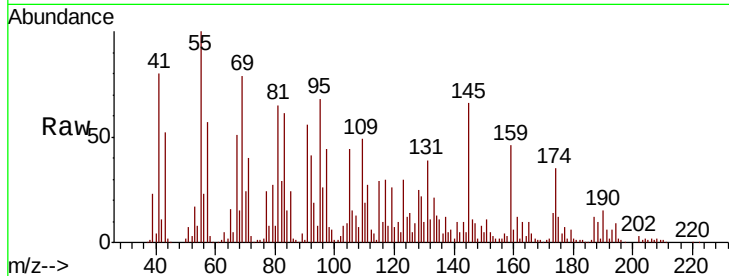




#48
2-Nitroaniline
Concen: 2.641 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.02 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

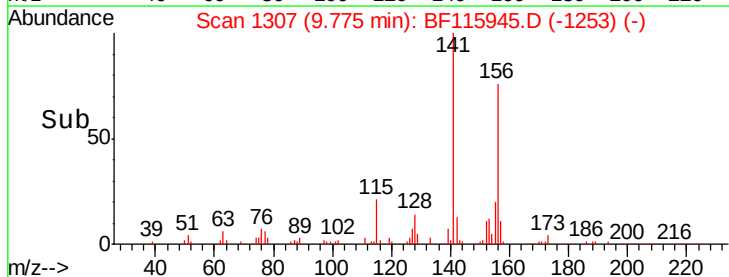
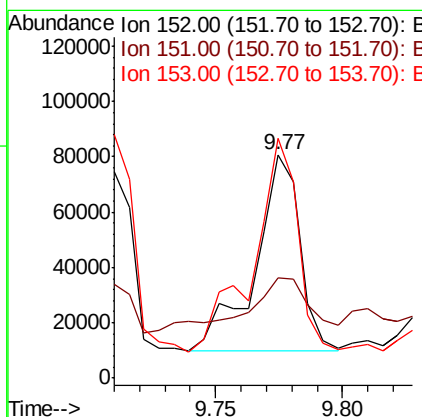
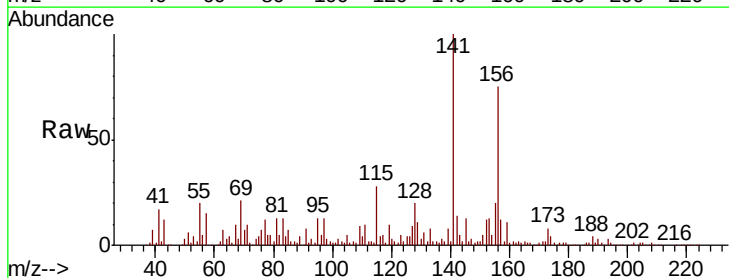
Instrument :
BNA_F
ClientSampleId :
TP-8

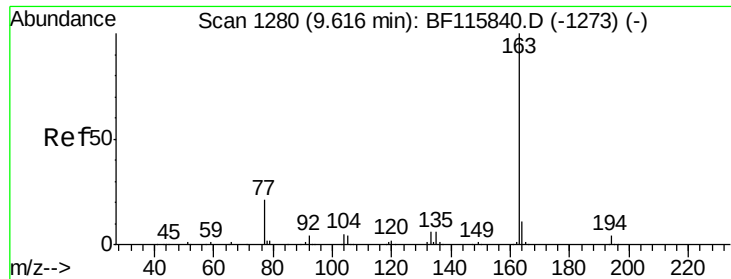
Tot Ion: 65 Resp: 9672
Ion Ratio Lower Upper
65 100
92 261.9 57.1 85.7#
138 30.2 97.1 145.7#



#49
Acenaphthylene
Concen: 5.461 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

Tgt Ion: 152 Resp: 88264
Ion Ratio Lower Upper
152 100
151 44.5 16.8 25.2#
153 107.1 11.6 17.4#

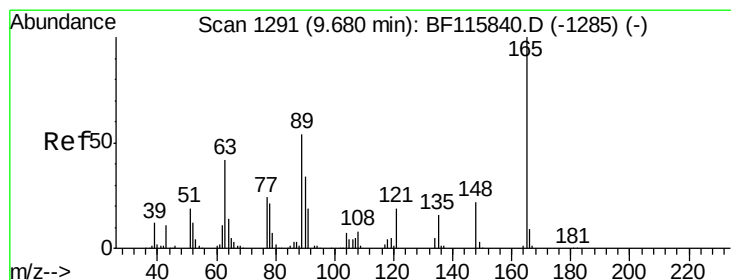
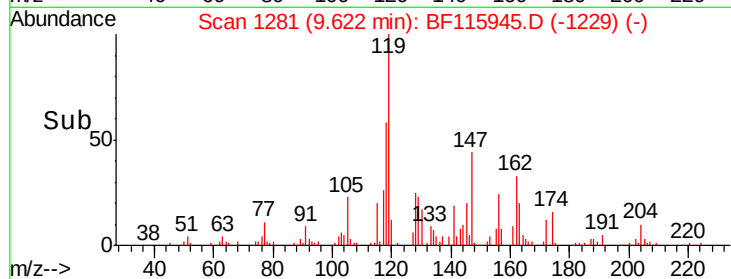
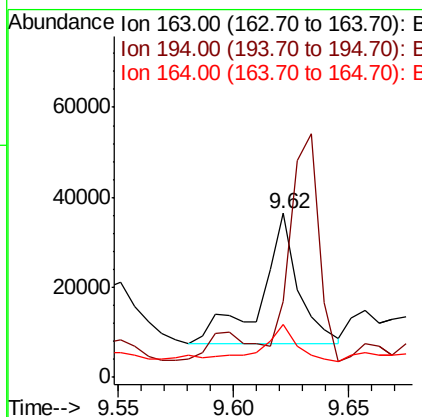
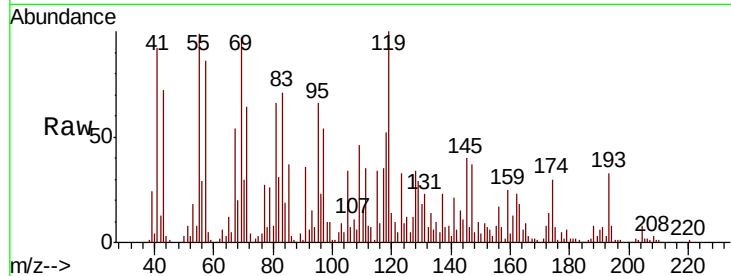




#50
Dimethylphthalate
Concen: 2.528 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

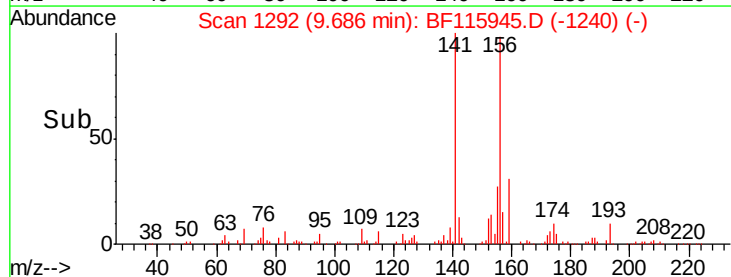
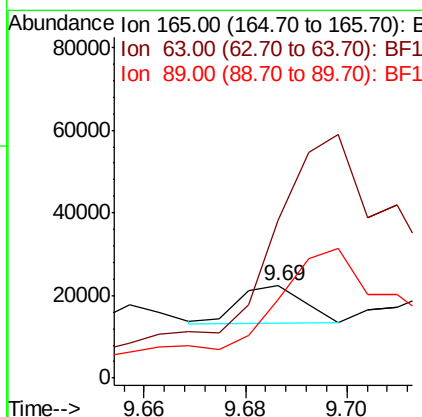
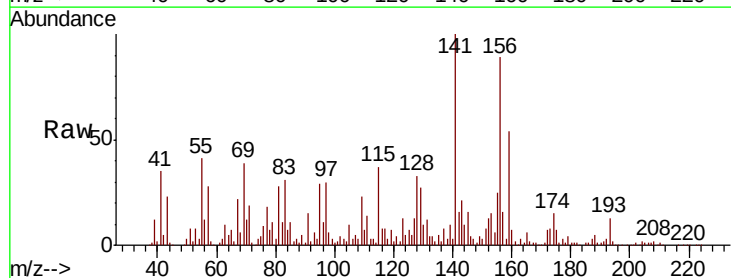
Instrument :
BNA_F
ClientSampleId :
TP-8

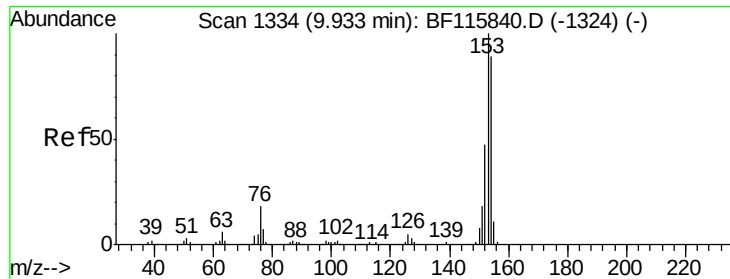
Tot Ion:163 Resp: 32451
Ion Ratio Lower Upper
163 100
194 46.2 3.0 4.6#
164 32.0 8.4 12.6#



#51
2,6-Dinitrotoluene
Concen: 2.896 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

Tgt Ion:165 Resp: 8080
Ion Ratio Lower Upper
165 100
63 170.7 39.4 59.2#
89 85.0 43.0 64.6#





#52

Acenaphthene

Concen: 16.766 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

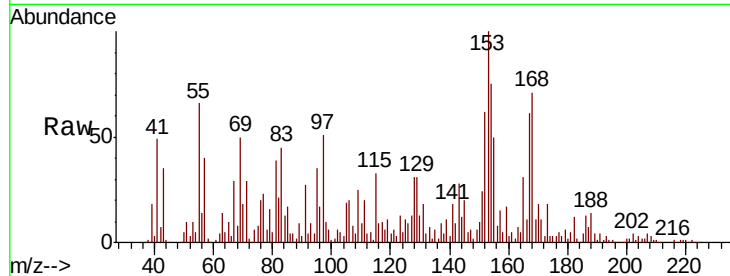
Tot Ion:154 Resp: 166247

Ion Ratio Lower Upper

154 100

153 134.2 90.1 135.1

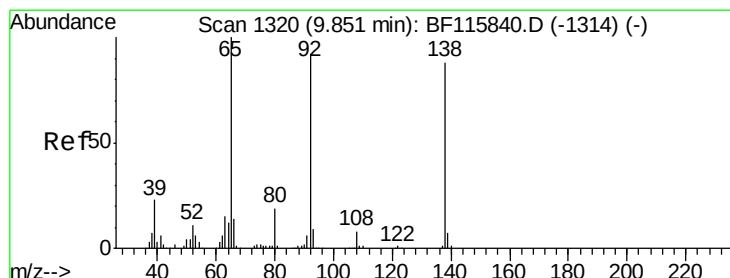
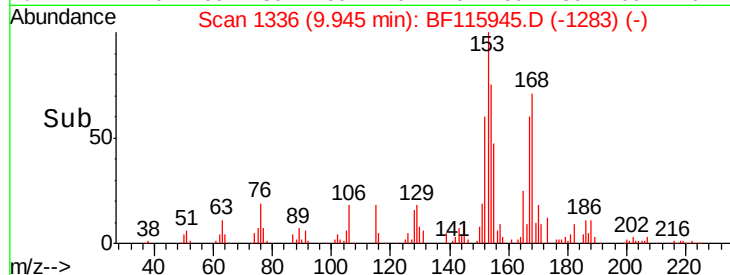
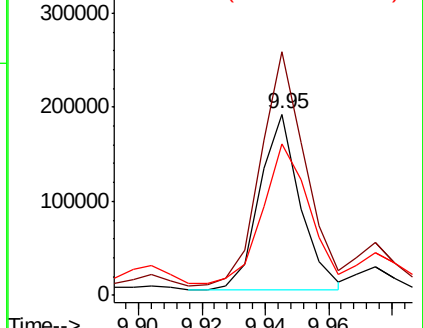
152 83.6 42.6 63.8#



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: 4.744 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.02 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

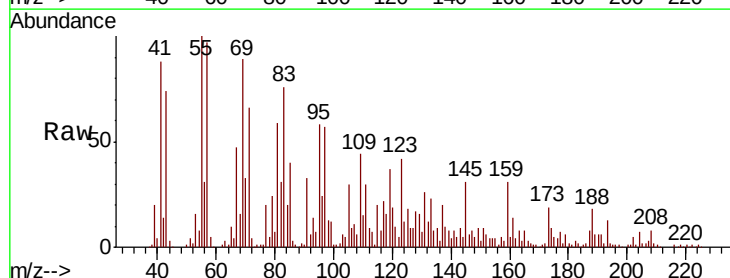
Tgt Ion:138 Resp: 16352

Ion Ratio Lower Upper

138 100

108 60.2 7.4 11.2#

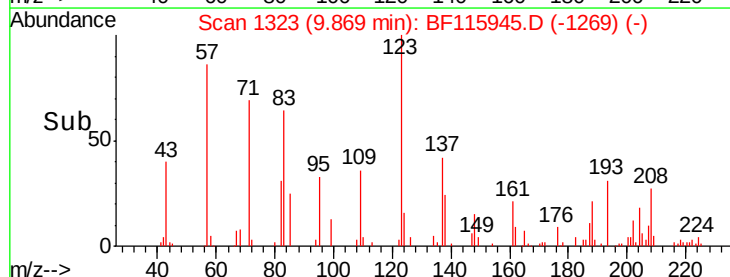
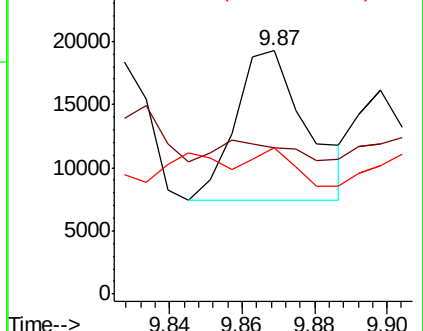
92 60.2 83.9 125.9#

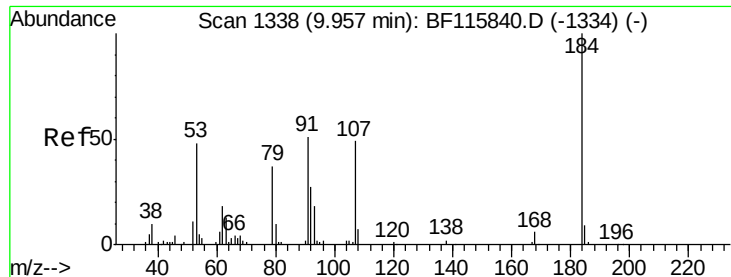


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 8.684 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampled :

TP-8

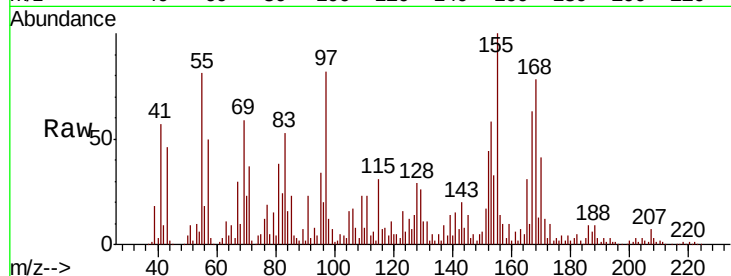
Tot Ion:184 Resp: 1370

Ion Ratio Lower Upper

184 100

63 3252.4 56.7 85.1#

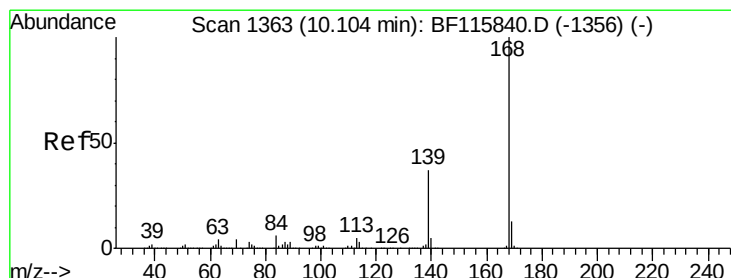
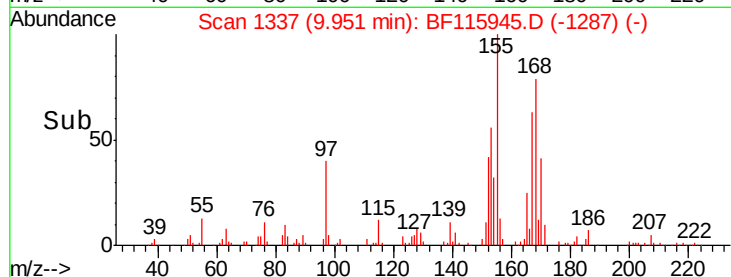
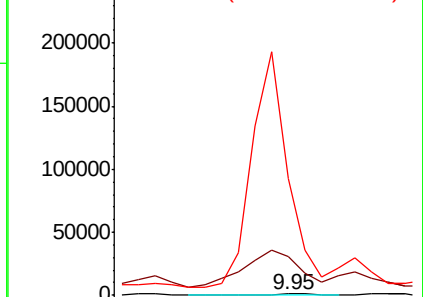
154 9912.8 51.9 77.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 10.205 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

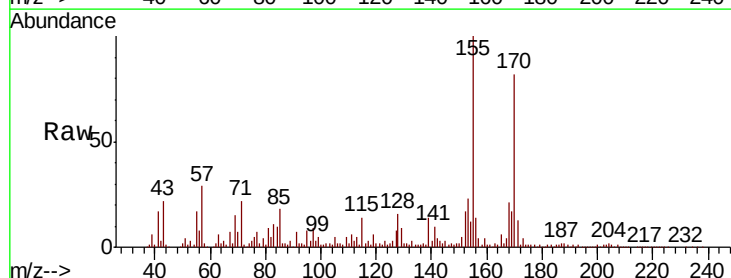
Tgt Ion:168 Resp: 147159

Ion Ratio Lower Upper

168 100

139 69.7 30.2 45.2#

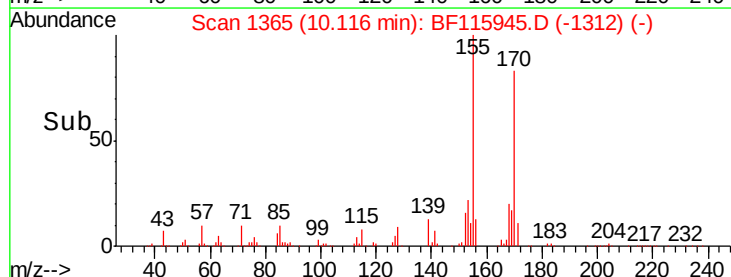
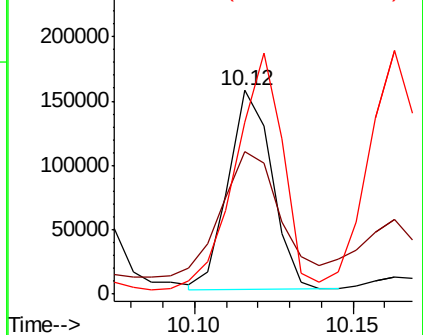
169 84.7 10.8 16.2#

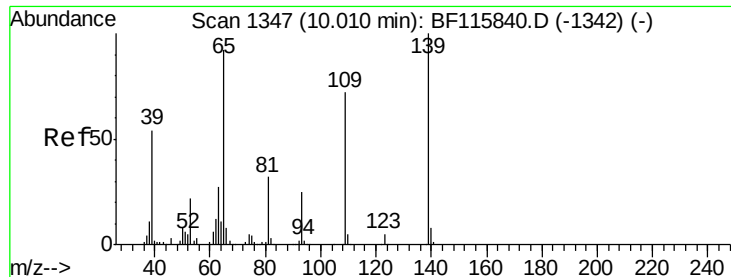


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 45.721 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

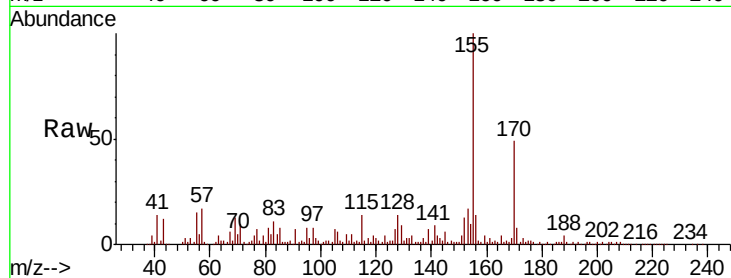
Tot Ion:139 Resp: 100966

Ion Ratio Lower Upper

139 100

109 69.1 52.0 92.0

65 33.4 72.6 112.6#

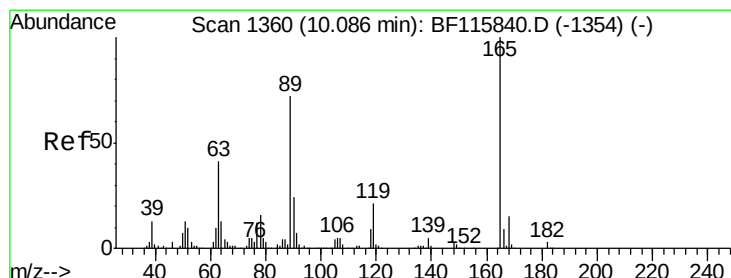
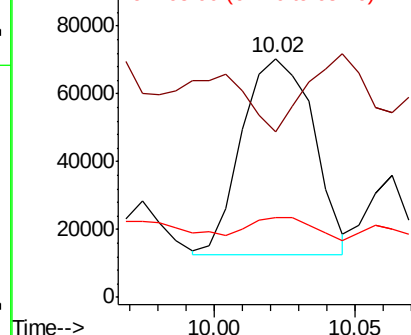
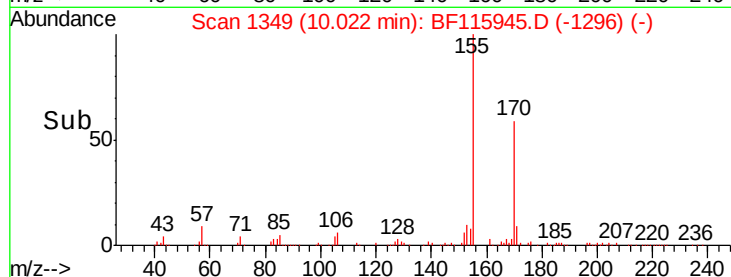


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 4.338 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Tgt Ion:165 Resp: 16112

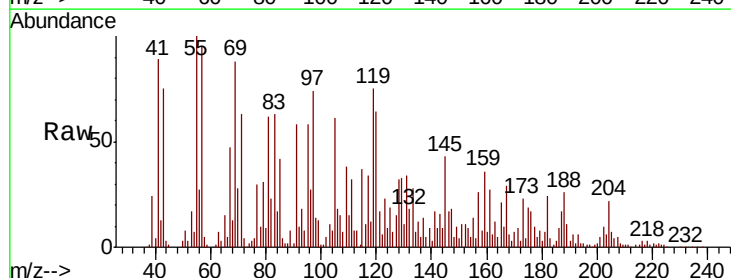
Ion Ratio Lower Upper

165 100

63 32.7 33.2 49.8#

89 36.3 57.3 85.9#

182 117.2 2.1 3.1#



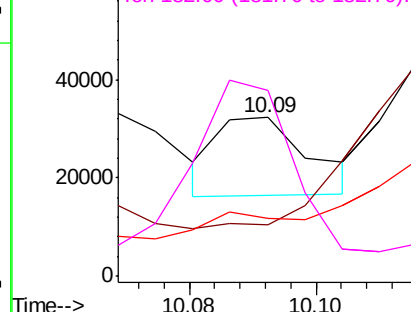
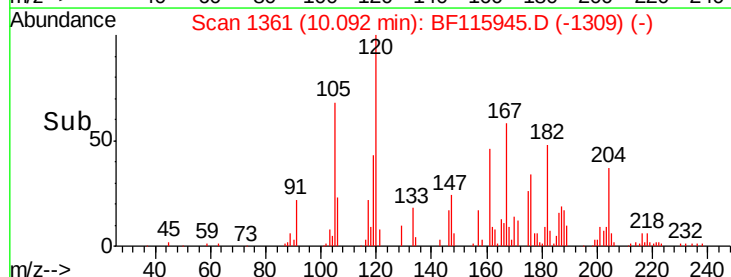
Abundance

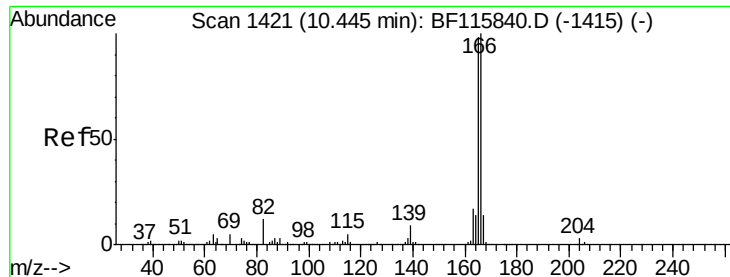
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

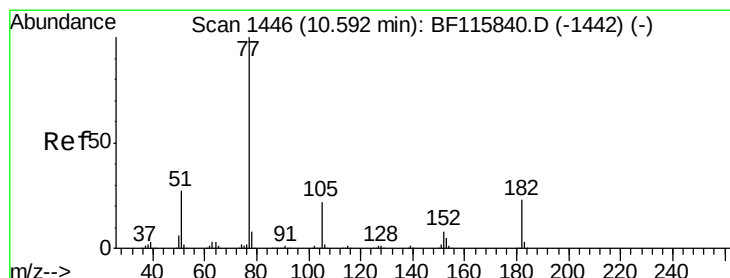
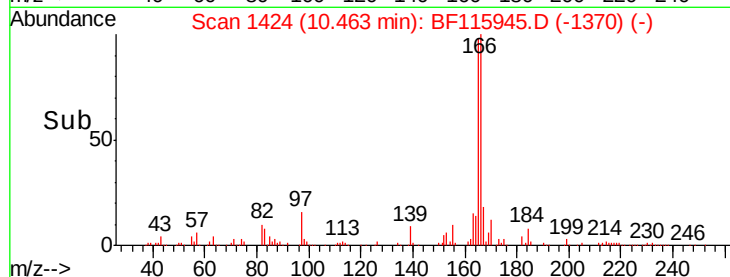
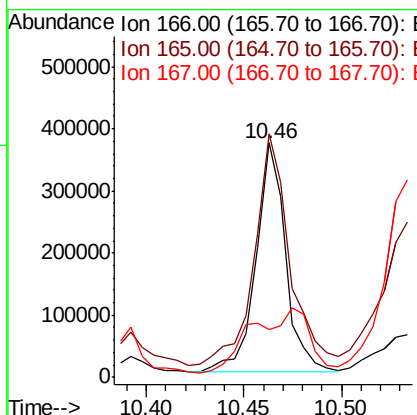
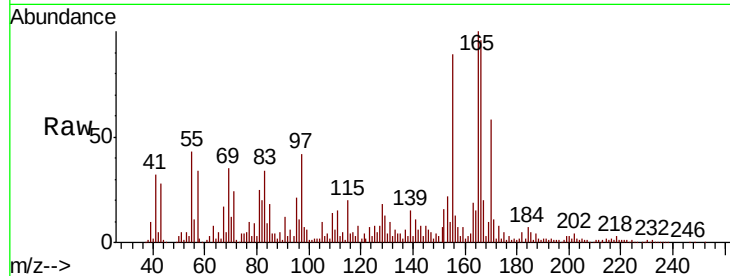




#58
 Fluorene
 Concen: 35.188 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.02 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

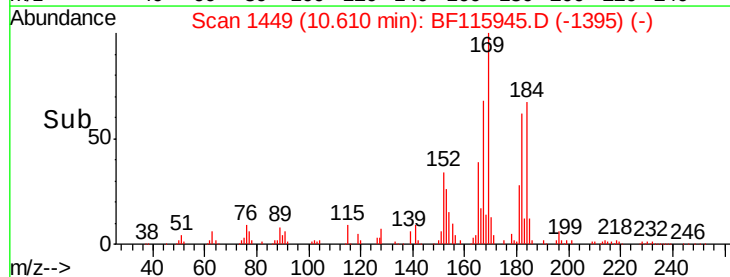
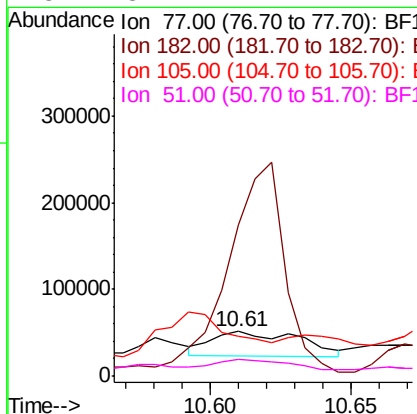
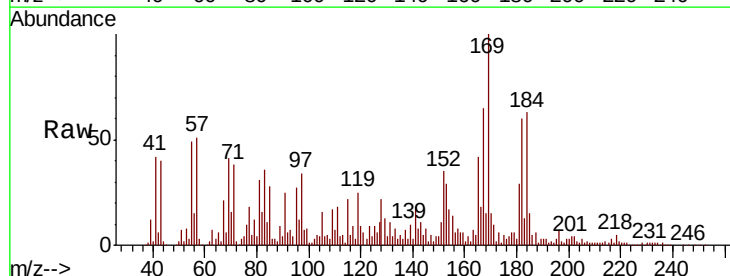
Instrument :
 BNA_F
 ClientSampled :
 TP-8

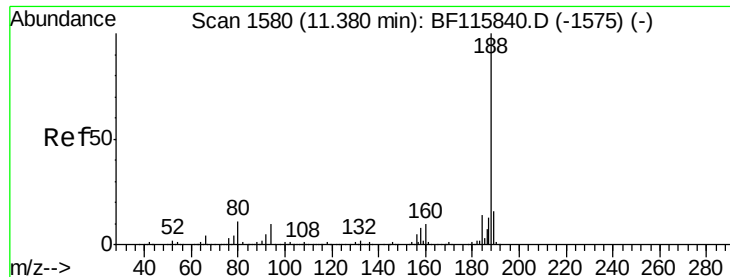
Tot Ion:166 Resp: 390389
 Ion Ratio Lower Upper
 166 100
 165 103.8 78.6 118.0
 167 20.3 10.9 16.3#



#63
 Azobenzene
 Concen: 4.945 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.02 min
 Lab File: BF115945.D
 Acq: 2 Aug 2019 14:29

Tgt Ion: 77 Resp: 60958
 Ion Ratio Lower Upper
 77 100
 182 338.8 2.6 42.6#
 105 88.1 1.6 41.6#
 51 37.2 7.4 47.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampled :

TP-8

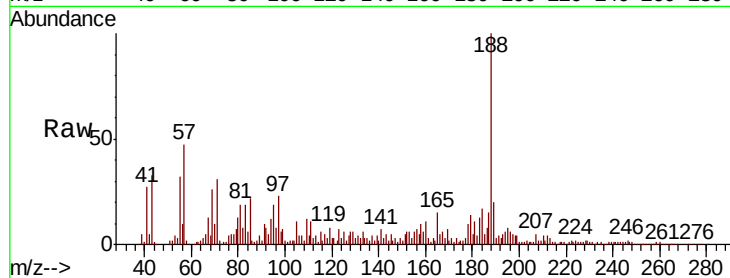
Tot Ion:188 Resp: 362178

Ion Ratio Lower Upper

188 100

94 12.2 8.0 12.0#

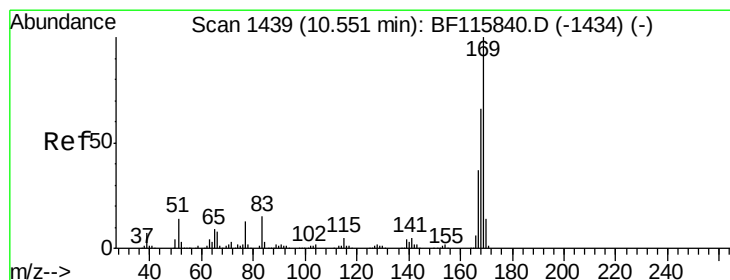
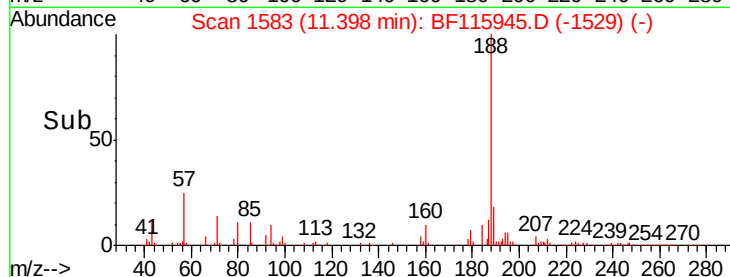
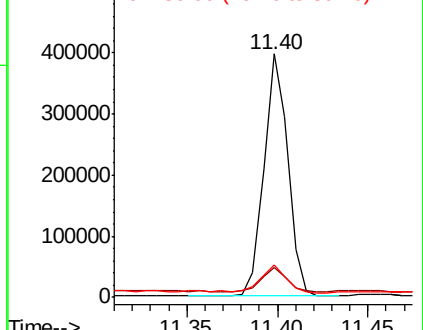
80 13.3 8.6 12.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 32.137 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.02 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

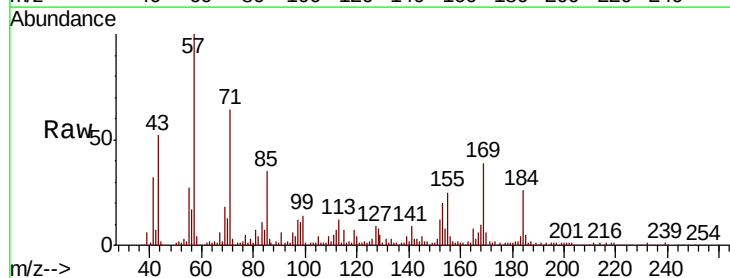
Tgt Ion:169 Resp: 350331

Ion Ratio Lower Upper

169 100

168 25.0 53.0 79.6#

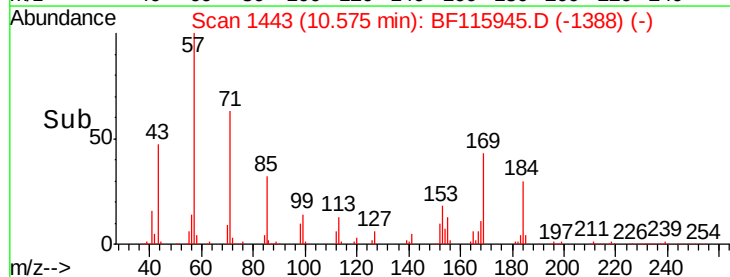
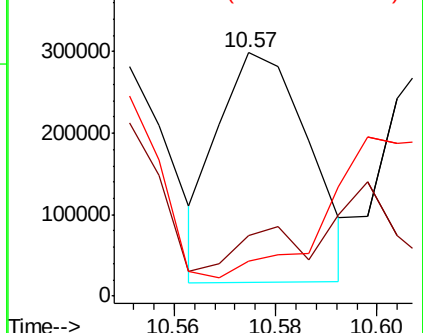
167 14.4 29.9 44.9#

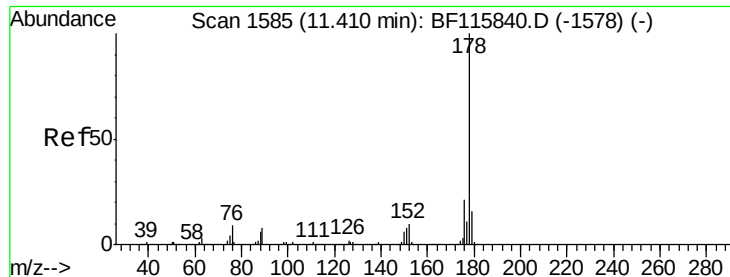


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 55.354 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

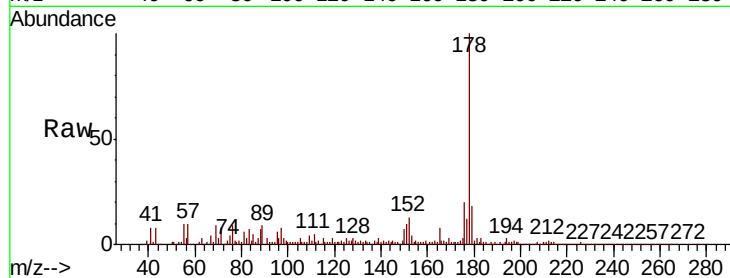
Tot Ion:178 Resp: 1024901

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

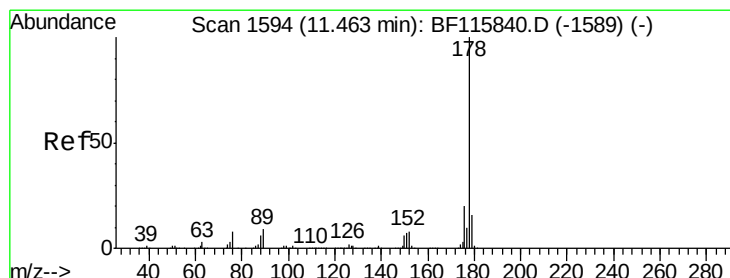
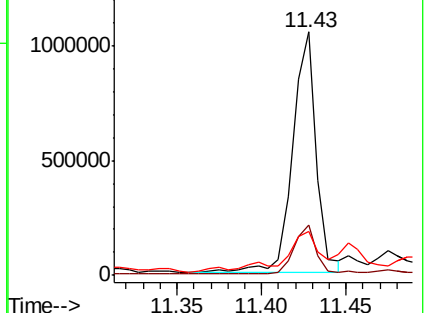
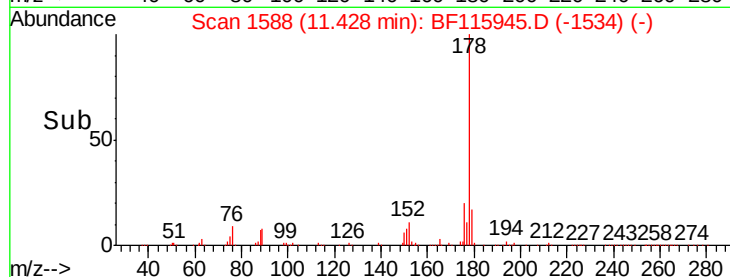
179 18.2 12.6 18.8



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: 54.695 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.04 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

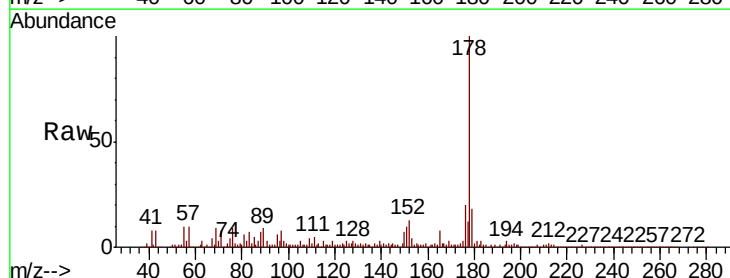
Tgt Ion:178 Resp: 1024901

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

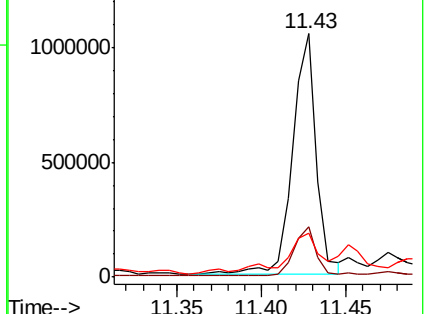
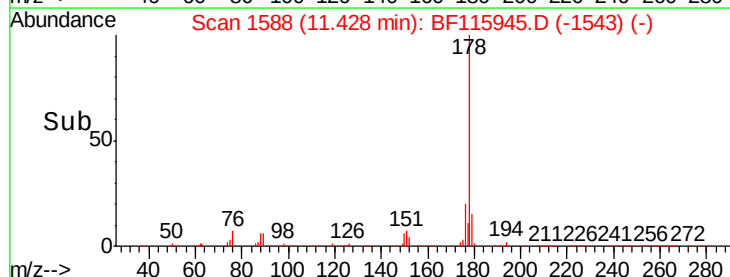
179 18.2 12.4 18.6

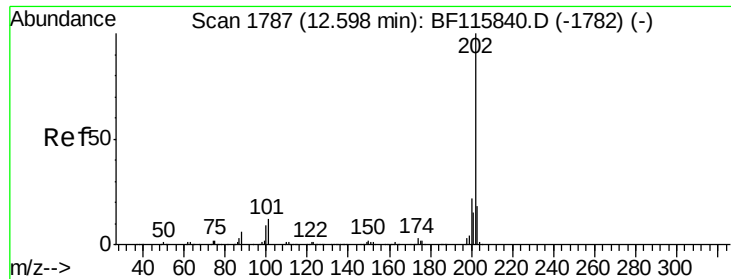


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.140 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

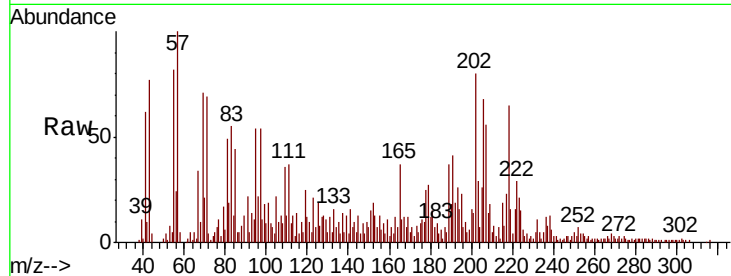
Tot Ion:202 Resp: 41488

Ion Ratio Lower Upper

202 100

101 24.2 0.0 31.5

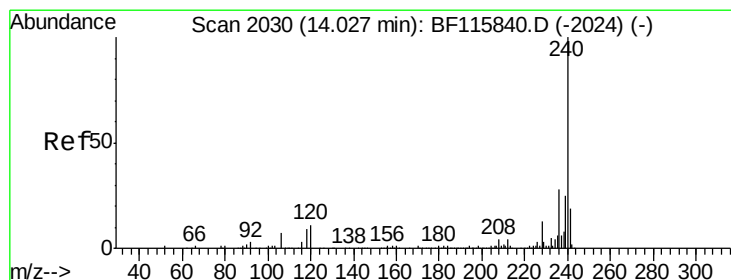
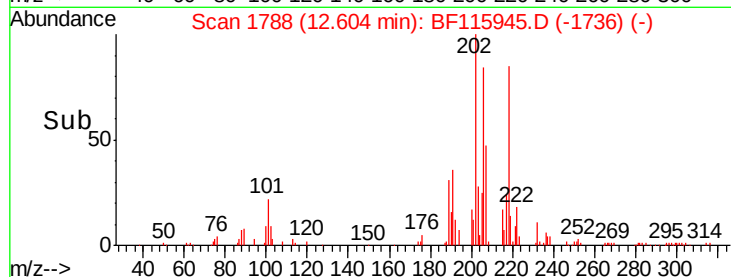
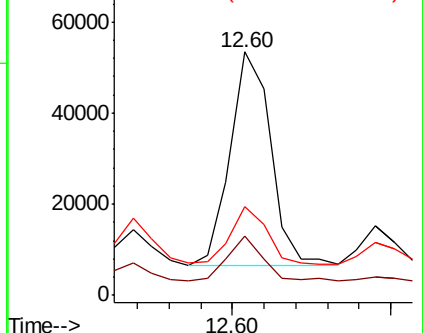
203 36.5 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

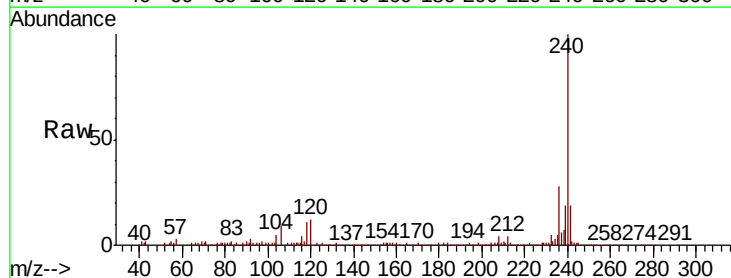
Tgt Ion:240 Resp: 319343

Ion Ratio Lower Upper

240 100

120 12.4 8.5 12.7

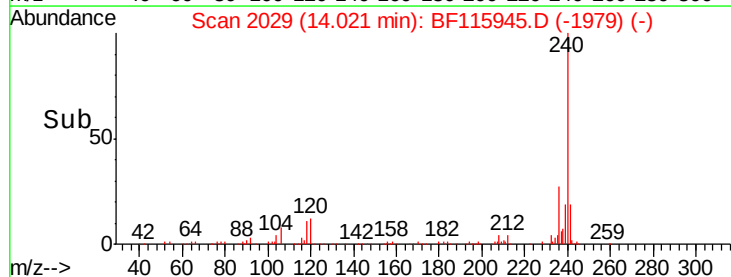
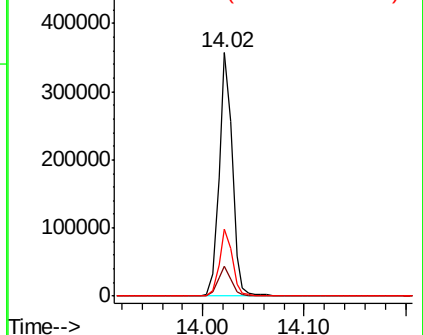
236 27.5 22.2 33.2

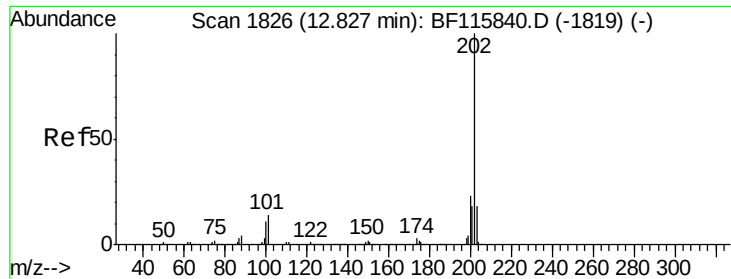


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 6.711 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

Instrument :

BNA_F

ClientSampleId :

TP-8

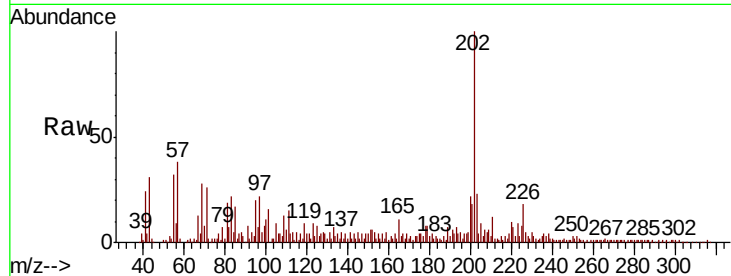
Tot Ion:202 Resp: 161540

Ion Ratio Lower Upper

202 100

200 21.9 18.2 27.2

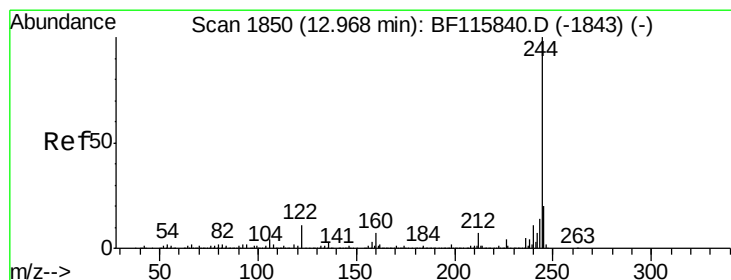
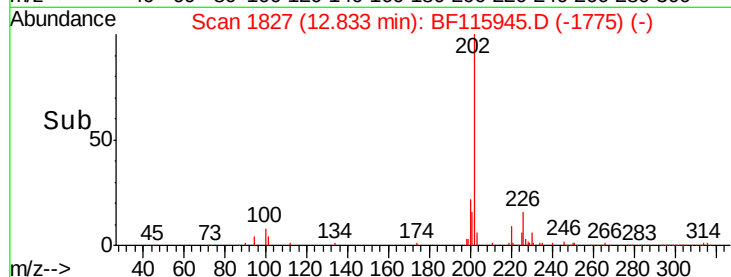
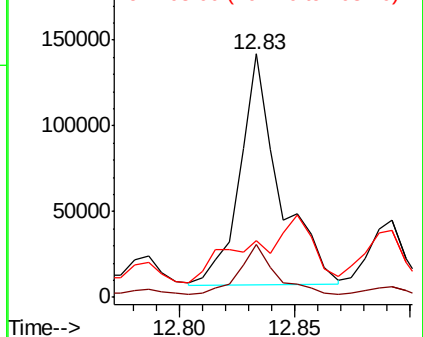
203 23.1 14.3 21.5#



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: 11.074 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115945.D

Acq: 2 Aug 2019 14:29

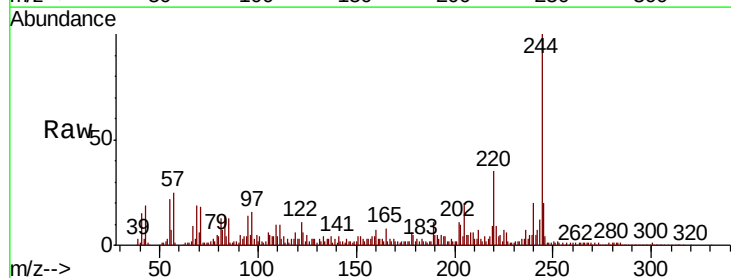
Tgt Ion:244 Resp: 167829

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

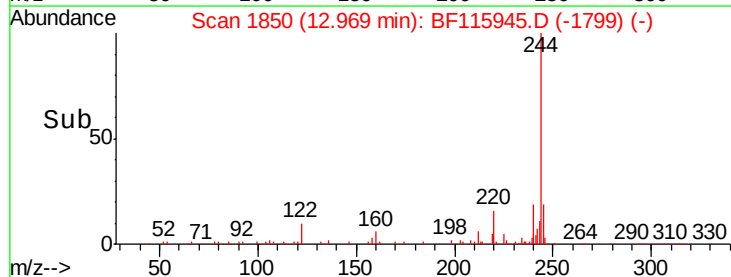
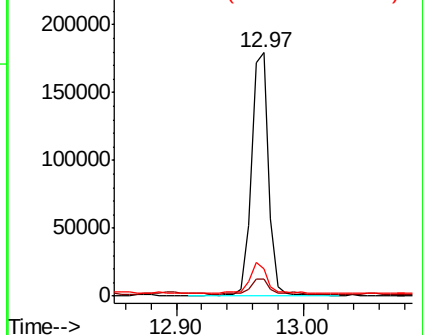
122 11.5 8.6 13.0

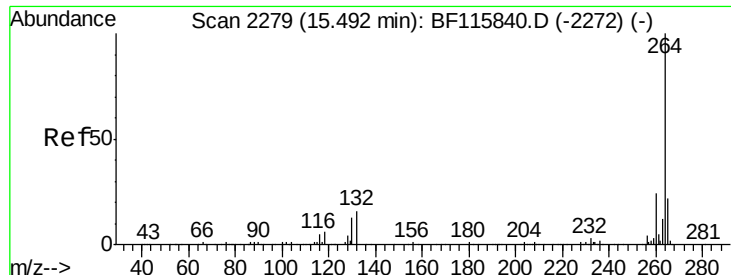


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115945.D
Acq: 2 Aug 2019 14:29

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.8	17.5	26.3

