

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107963.D
 Acq On : 4 Aug 2018 3:12
 Operator : JU/SJ
 Sample : J4297-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 06:37:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100151	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	277632	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	107858	20.00	ng	0.01
63) Phenanthrene-d10	11.52	188	195842	20.00	ng	0.02
75) Chrysene-d12	14.17	240	119961	20.00	ng	0.02
86) Perylene-d12	15.77	264	72173	20.00	ng	0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	726082	123.21	ng	0.00
7) Phenol-d6	6.60	99	934634	120.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	337435	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	150208	102.49	ng	0.02
44) 2-Fluorobiphenyl	9.32	172	661905	85.52	ng	0.00
78) Terphenyl-d14	13.09	244	717363	129.67	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	223	5.864	ng	# 81
3) Pyridine	3.67	79	121	6.269	ng	# 1
15) Benzyl Alcohol	7.11	79	15587	3.229	ng	# 54
18) Hexachloroethane	7.48	117	11918	3.837	ng	# 40
19) n-Nitroso-di-n-propylamine	7.37	70	30646	6.220	ng	# 66
25) Isophorone	7.75	82	79880	10.098	ng	# 1
26) 2-Nitrophenol	7.84	139	9507	3.749	ng	# 1
27) 2,4-Dimethylphenol	7.88	122	16267	4.791	ng	# 1
29) 2,4-Dichlorophenol	8.13	162	9692	2.524	ng	# 6
32) Benzoic acid	8.02	122	12773	6.899	ng	# 39
35) Caprolactam	8.69	113	19183	16.592	ng	# 1
36) 4-Chloro-3-methylphenol	8.79	107	8847	2.121	ng	# 30
47) 2-Nitroaniline	9.55	65	12488	5.187	ng	# 1
48) Acenaphthylene	9.87	152	23552	2.052	ng	# 1
50) 2,6-Dinitrotoluene	9.81	165	10683	6.069	ng	# 77
51) Acenaphthene	10.05	154	65737	9.862	ng	# 77
52) 3-Nitroaniline	10.00	138	12219	5.509	ng	# 29
53) 2,4-Dinitrophenol	10.12	184	1084	9.485	ng	# 1
55) 4-Nitrophenol	10.16	139	11583	19.116	ng	# 1
56) 2,4-Dinitrotoluene	10.21	165	7620	3.293	ng	# 62
57) Fluorene	10.57	166	63220	7.895	ng	# 74
61) 4-Nitroaniline	10.47	138	24453	12.422	ng	# 89
62) Azobenzene	10.73	77	19175	2.364	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	3581	3.361	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	518417	80.393	ng	# 44
70) Phenanthrene	11.56	178	47226	5.079	ng	# 1
71) Anthracene	11.62	178	124508	11.608	ng	# 1
72) Carbazole	11.78	167	22183	2.093	ng	# 1
74) Fluoranthene	12.74	202	41106	3.763	ng	# 54
77) Pyrene	12.97	202	83883	9.711	ng	# 72
84) Di-n-octyl phthalate	14.78	149	25348	3.321	ng	# 75
87) Benzo(b)fluoranthene	15.29	252	14182	3.984	ng	# 1

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QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

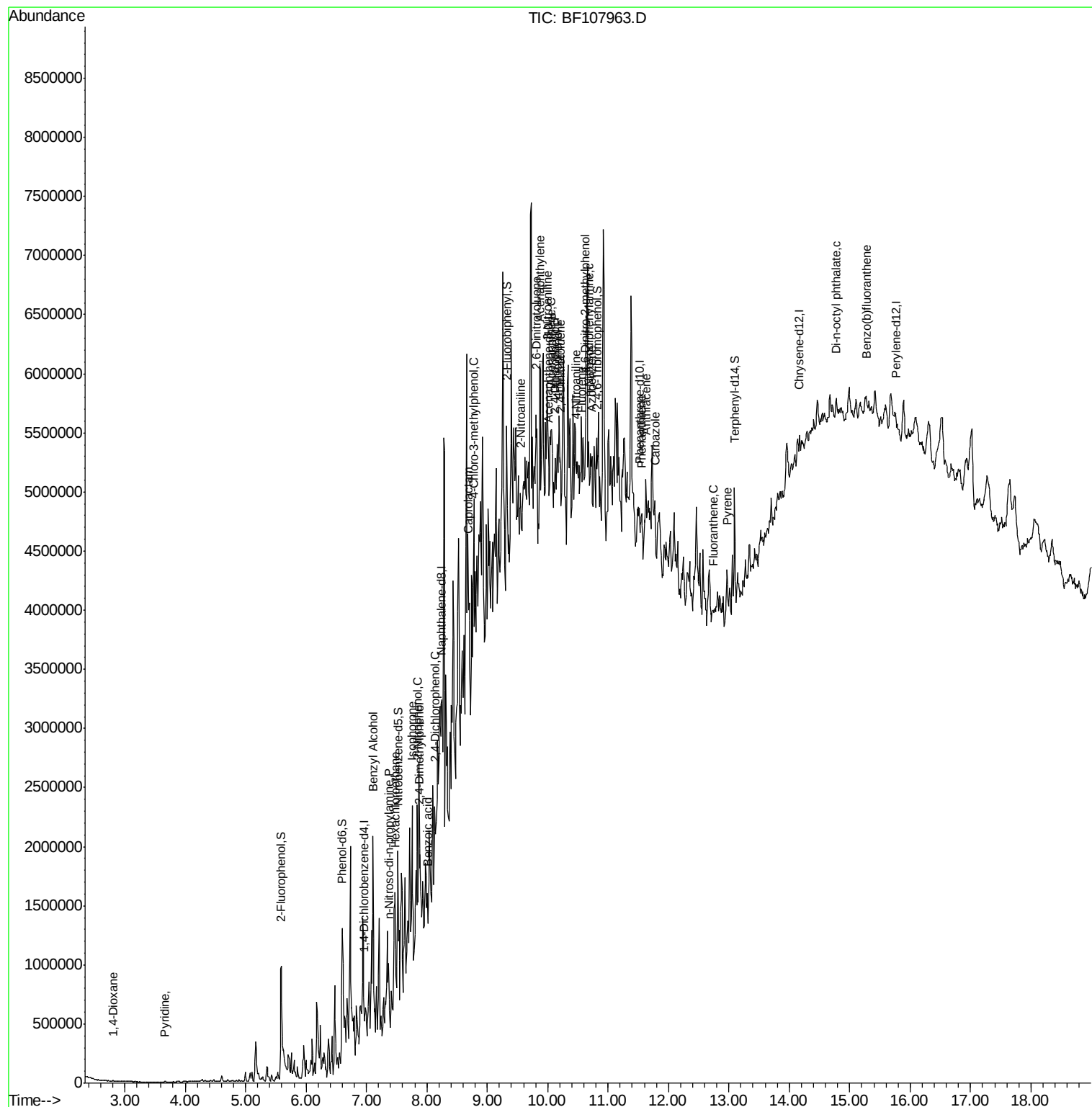
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

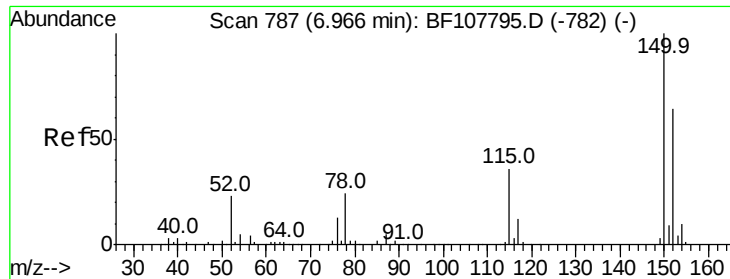
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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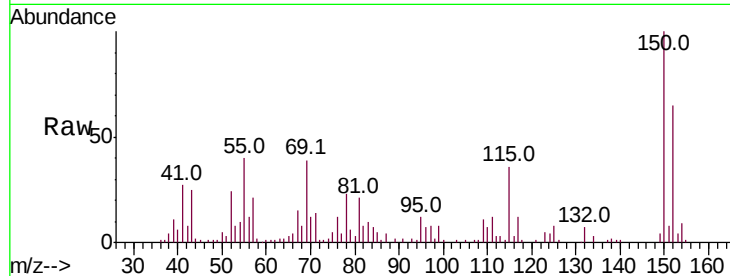


#1

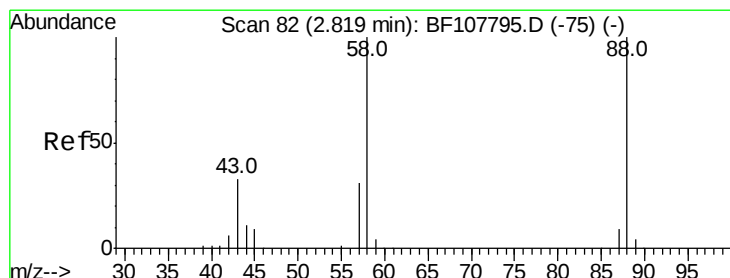
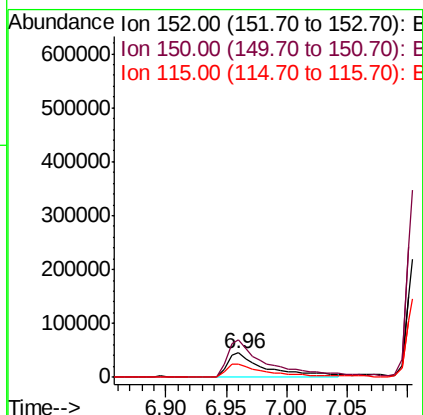
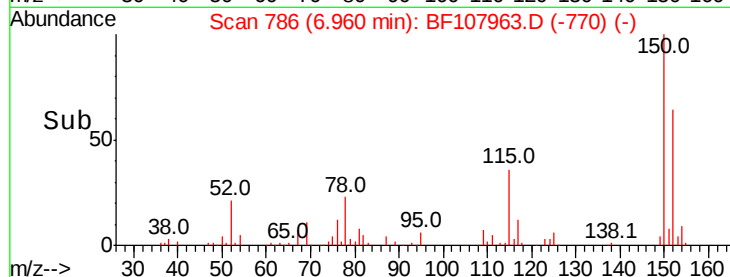
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100151
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 56.0 50.1 75.1



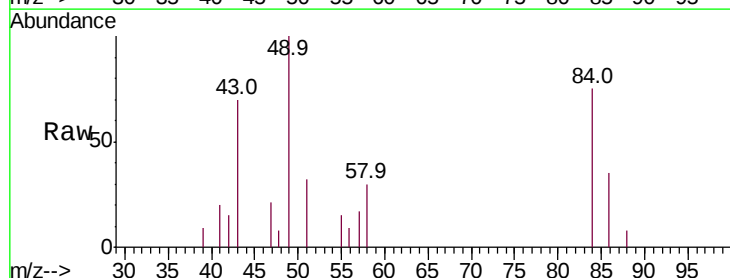
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



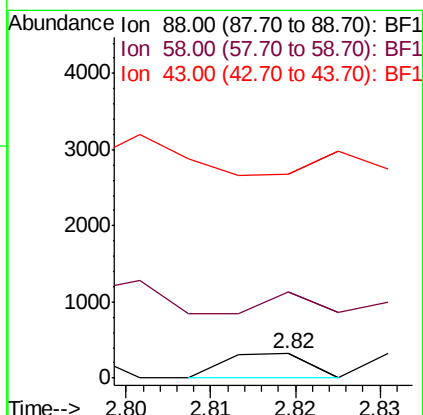
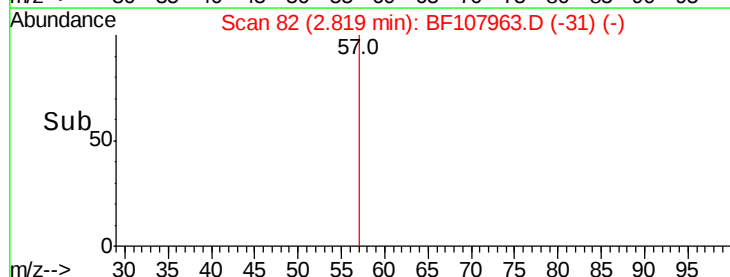
#2

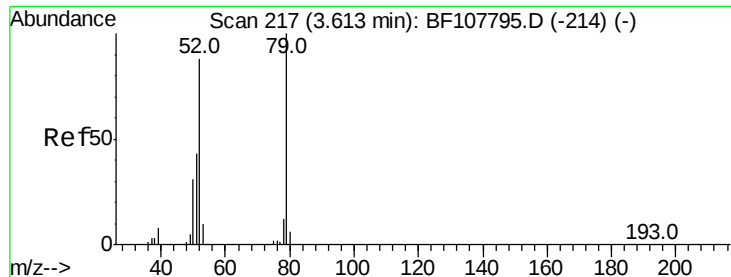
1,4-Dioxane
Concen: 5.864 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion: 88 Resp: 223
Ion Ratio Lower Upper
88 100
58 74.0 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.269 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.05 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

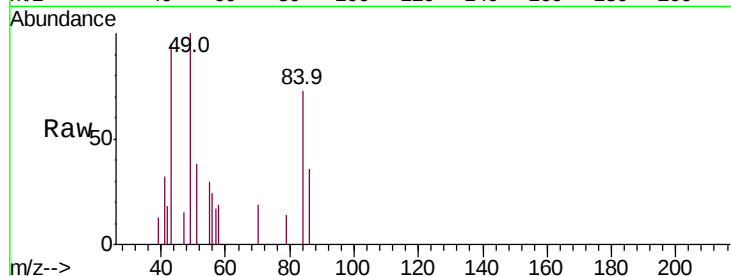
Tot Ion: 79 Resp: 121

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

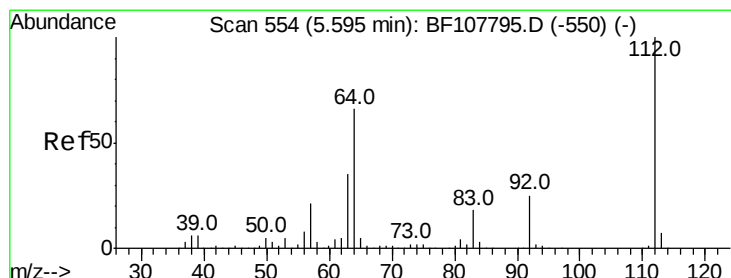
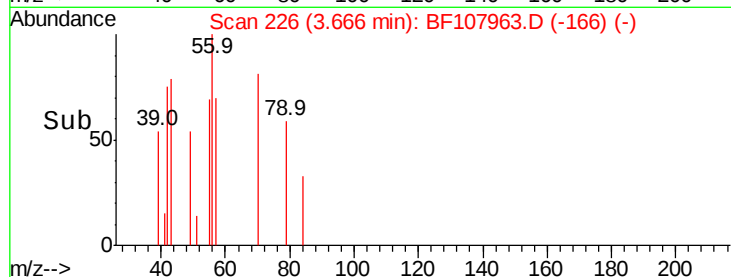
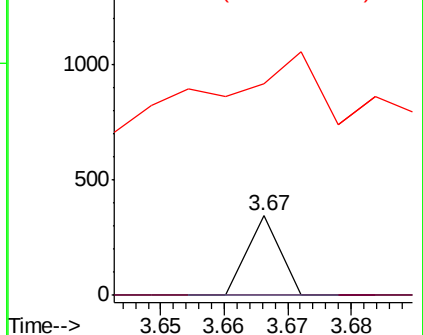
51 266.6 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 123.215 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

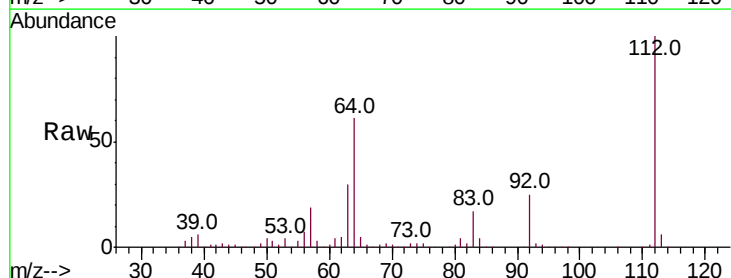
Tgt Ion: 112 Resp: 726082

Ion Ratio Lower Upper

112 100

64 60.9 47.9 71.9

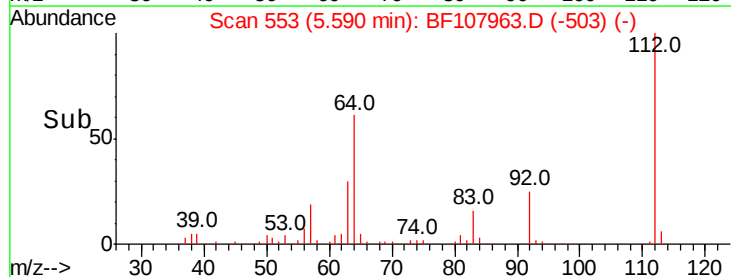
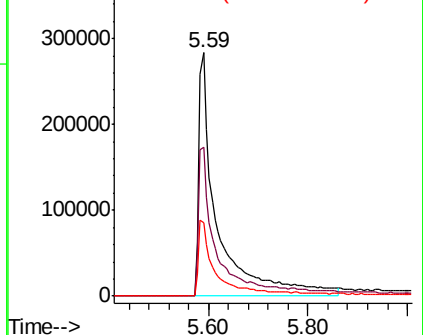
63 30.3 23.7 35.5

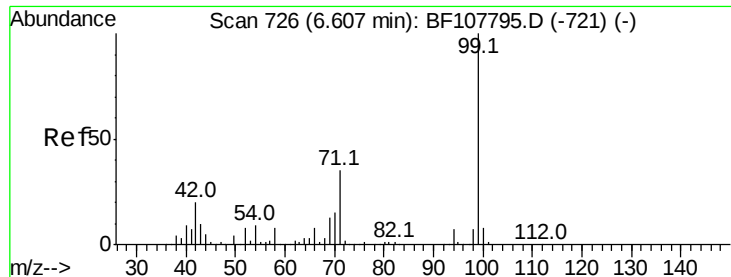


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.344 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampleId :

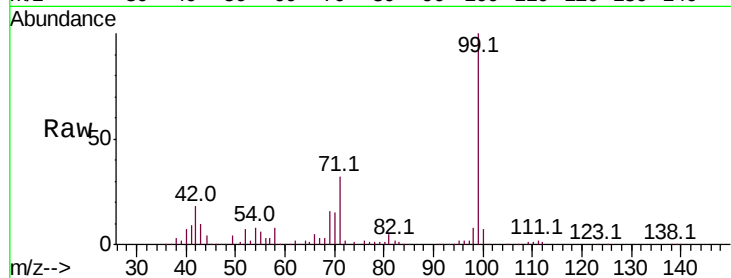
Tot Ion: 99 Resp: 934634

Ion Ratio Lower Upper

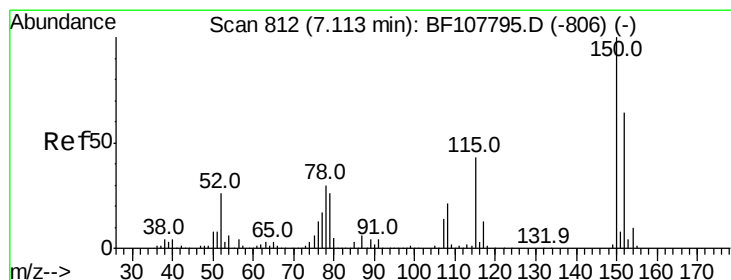
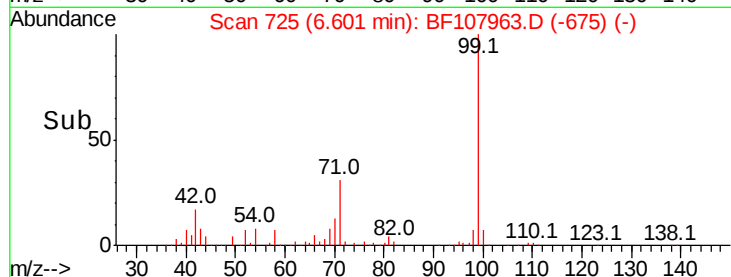
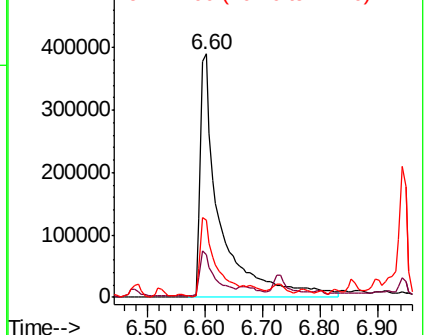
99 100

42 17.7 14.5 21.7

71 31.8 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 3.229 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

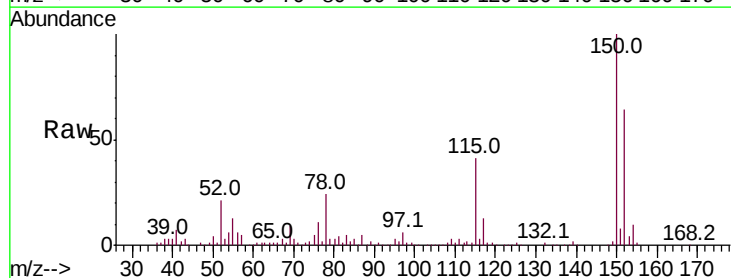
Tgt Ion: 79 Resp: 15587

Ion Ratio Lower Upper

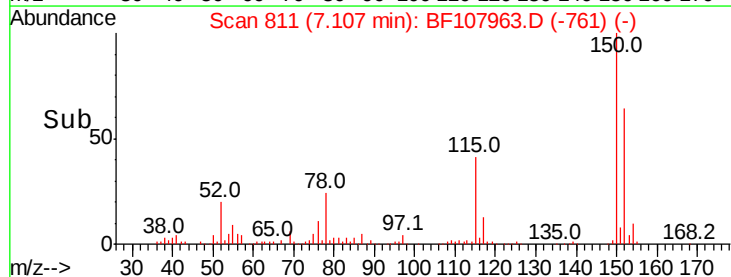
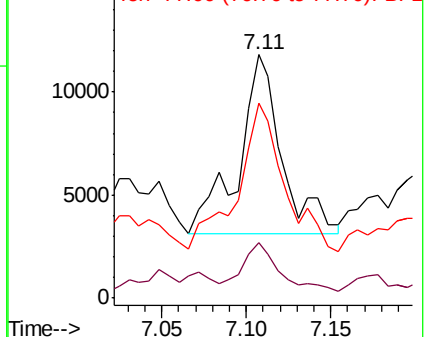
79 100

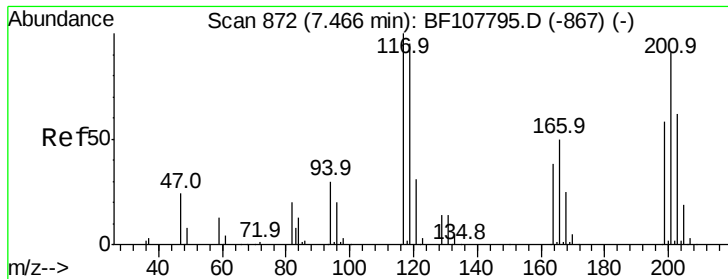
108 23.0 65.1 97.7#

77 80.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





#18

Hexachloroethane

Concen: 3.837 ng

RT: 7.48 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

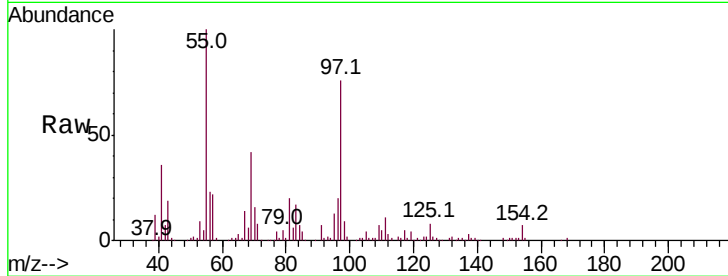
Tot Ion:117 Resp: 11918

Ion Ratio Lower Upper

117 100

119 73.1 75.8 113.8#

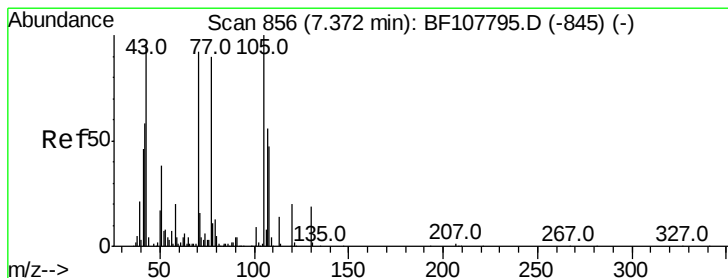
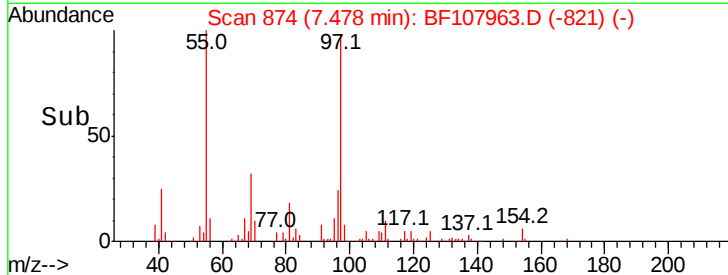
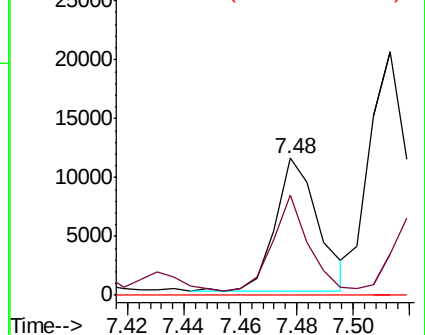
201 0.0 75.7 113.5#



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: 6.220 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Tgt Ion: 70 Resp: 30646

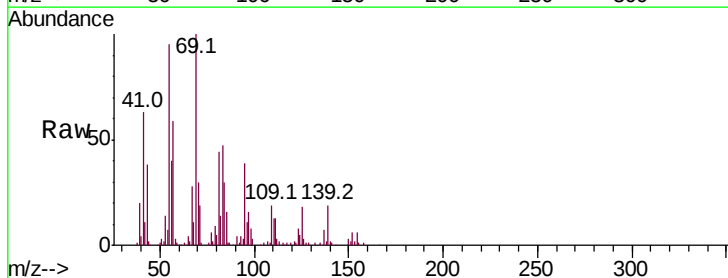
Ion Ratio Lower Upper

70 100

42 35.7 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

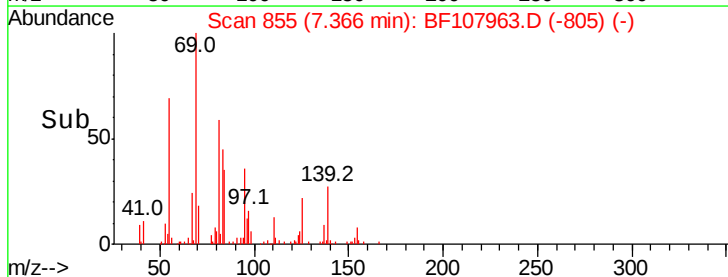
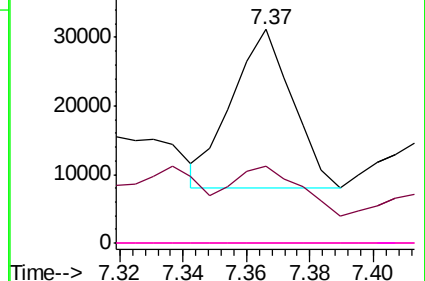


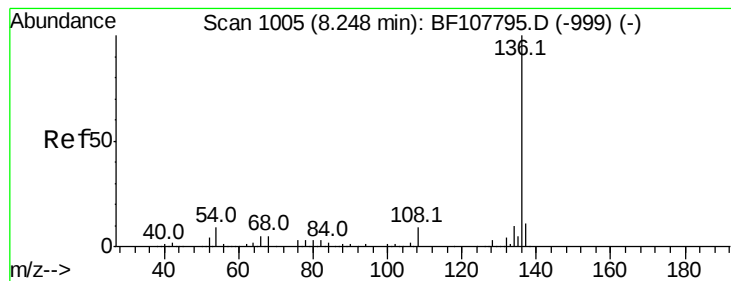
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 277632

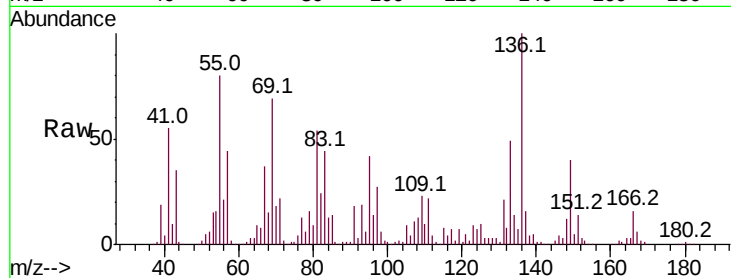
Ion Ratio Lower Upper

136 100

137 15.8 8.9 13.3#

54 15.9 6.6 9.8#

68 15.2 5.0 7.4#

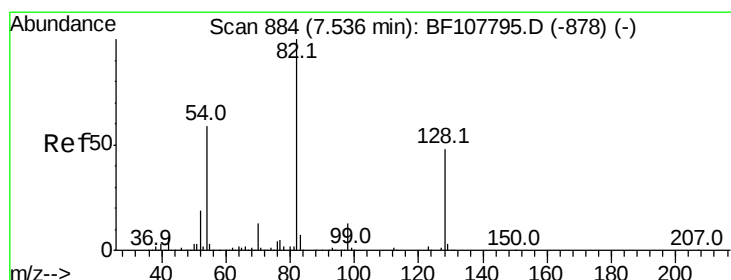
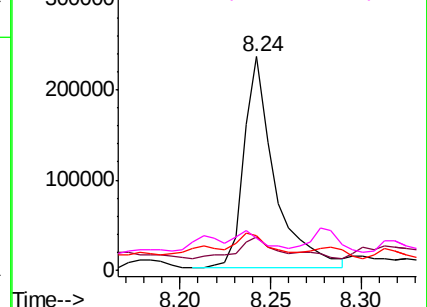
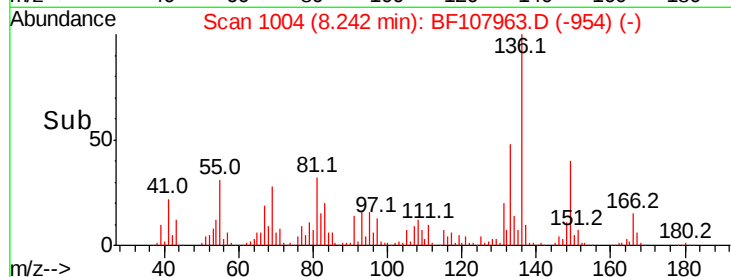


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 70.020 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

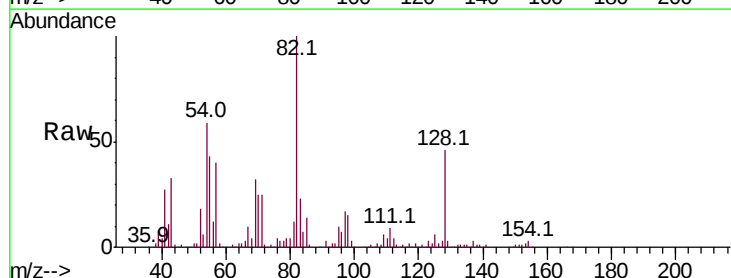
Tgt Ion: 82 Resp: 337435

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

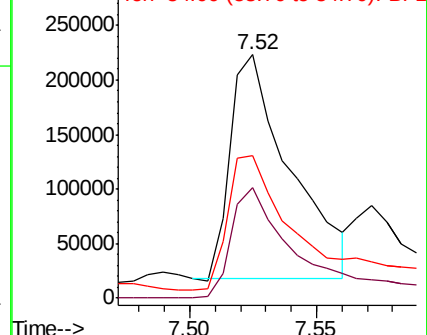
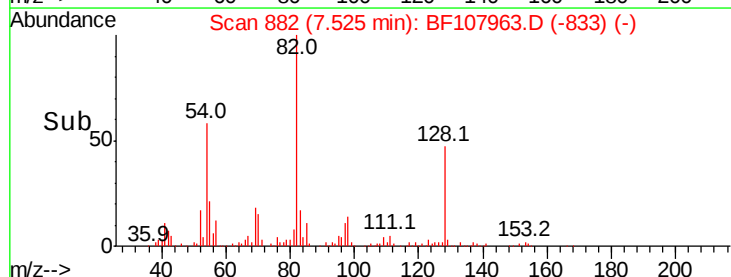
54 58.7 41.4 62.2

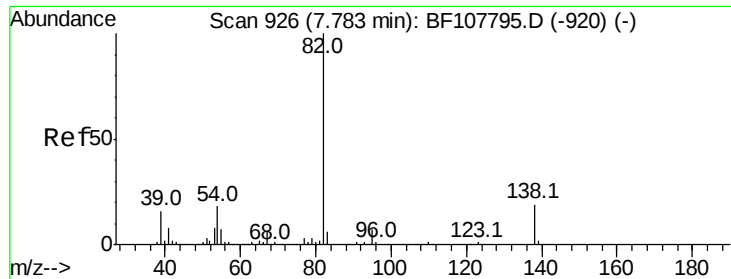


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

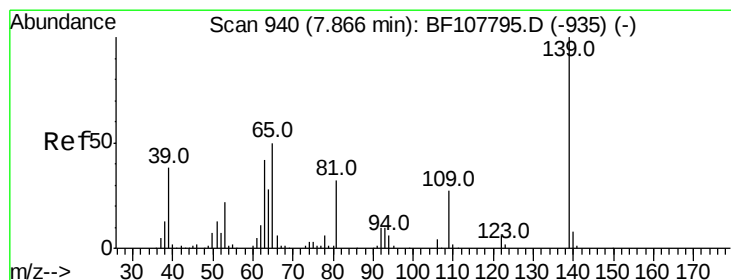
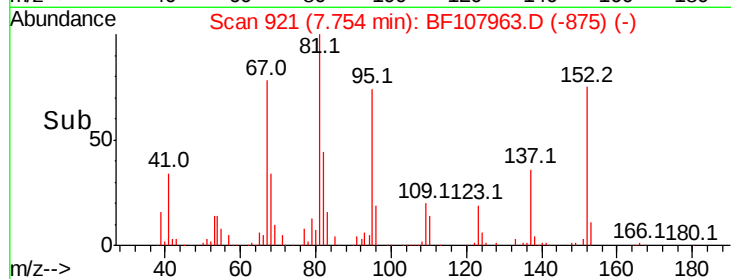
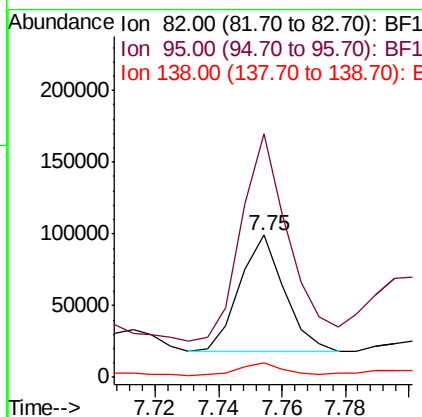
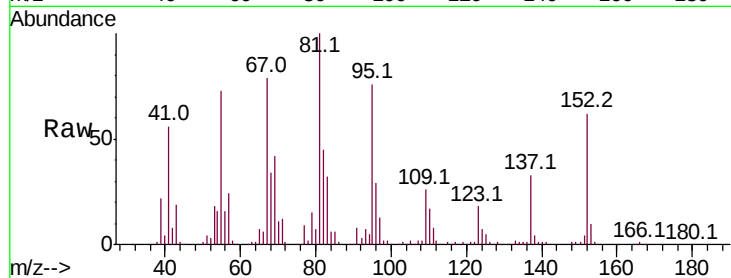




#25
Isophorone
Concen: 10.098 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

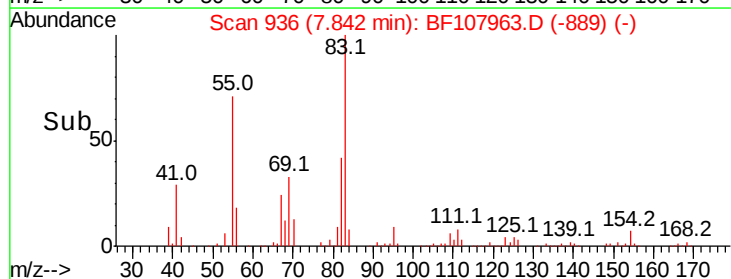
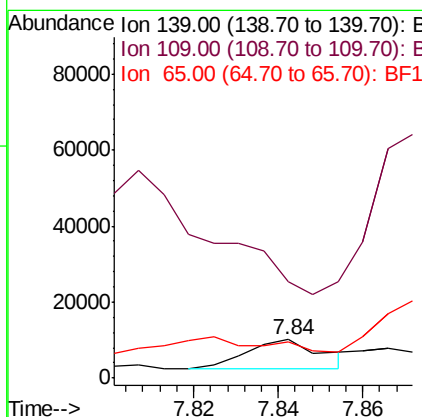
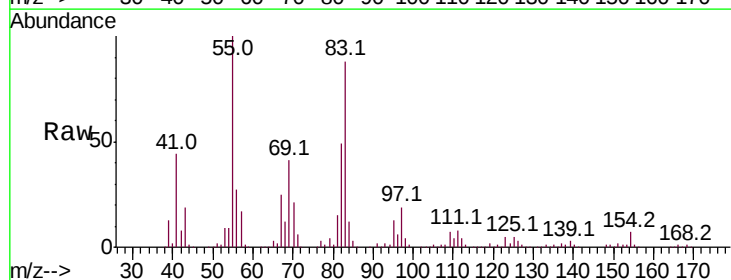
Instrument :
BNA_F
ClientSampleId :

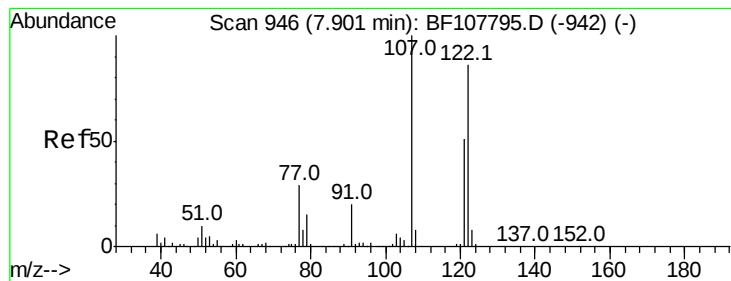
Tot Ion: 82 Resp: 79880
Ion Ratio Lower Upper
82 100
95 171.4 5.2 7.8#
138 9.9 14.9 22.3#



#26
2-Nitrophenol
Concen: 3.749 ng
RT: 7.84 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion: 139 Resp: 9507
Ion Ratio Lower Upper
139 100
109 252.5 22.7 34.1#
65 95.4 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 4.791 ng

RT: 7.88 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

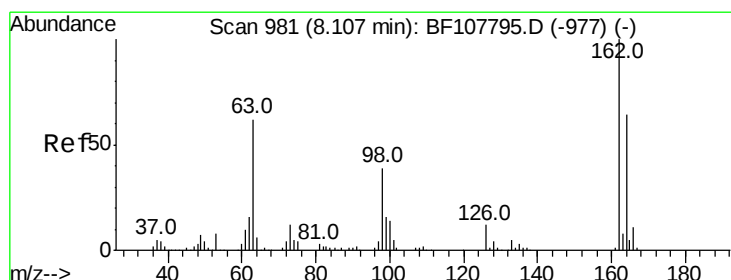
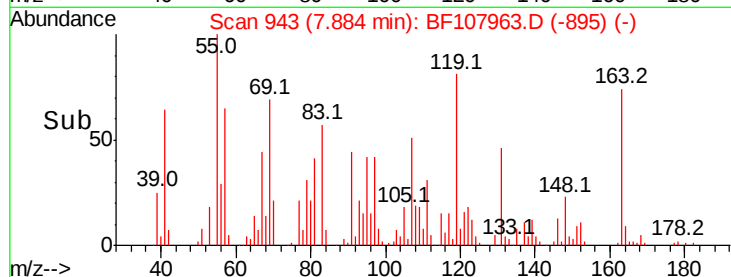
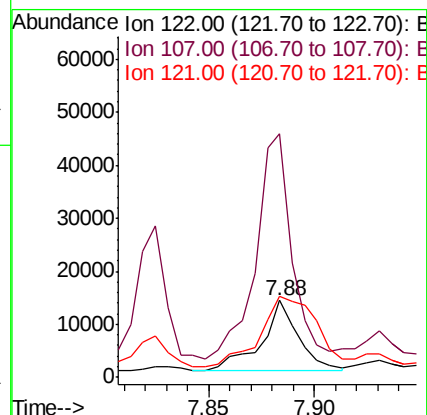
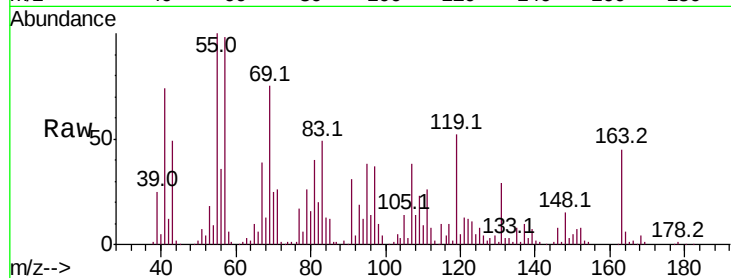
Tot Ion:122 Resp: 16267

Ion Ratio Lower Upper

122 100

107 317.6 91.2 136.8#

121 105.9 47.2 70.8#



#29

2,4-Dichlorophenol

Concen: 2.524 ng

RT: 8.13 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

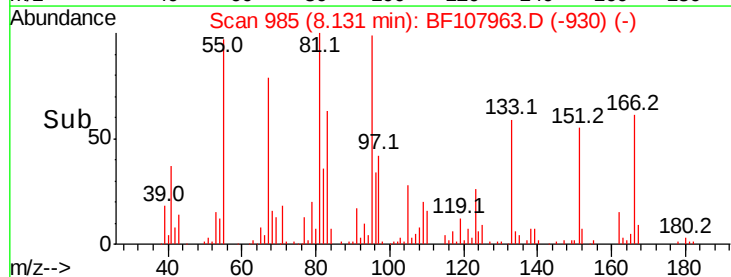
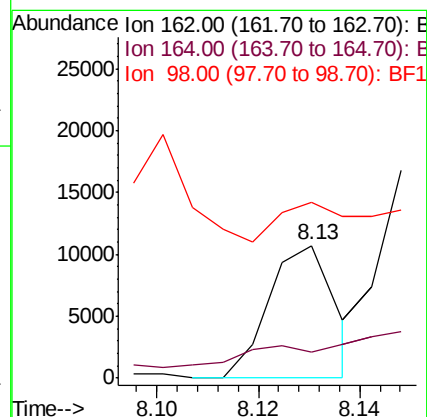
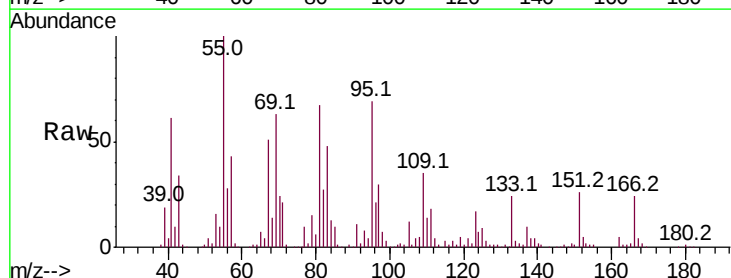
Tgt Ion:162 Resp: 9692

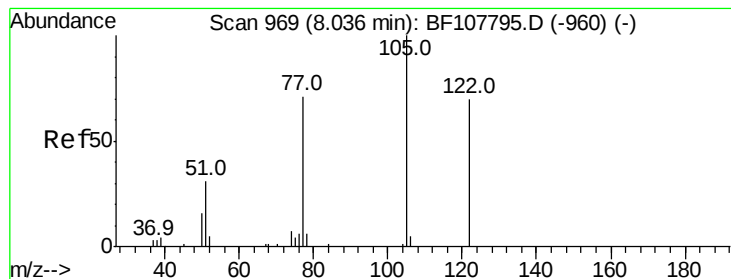
Ion Ratio Lower Upper

162 100

164 19.5 42.7 82.7#

98 132.7 18.1 58.1#





#32

Benzoic acid

Concen: 6.899 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

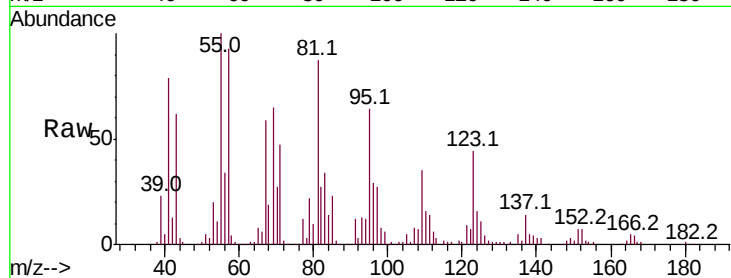
Tot Ion:122 Resp: 12773

Ion Ratio Lower Upper

122 100

105 72.0 101.1 141.1#

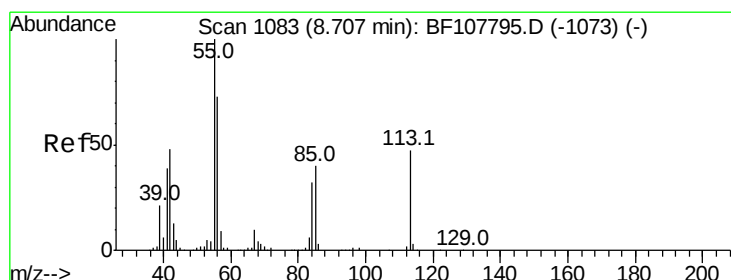
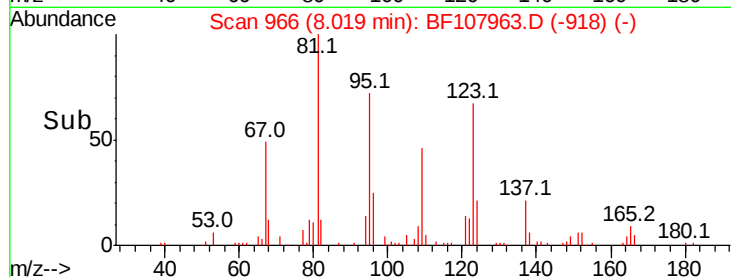
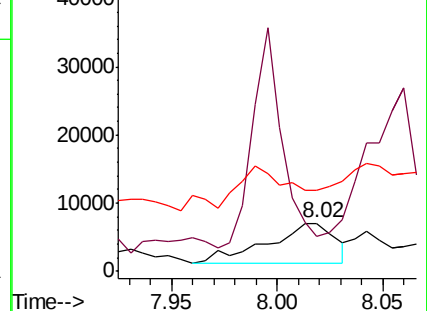
77 169.6 70.7 110.7#



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



#35

Caprolactam

Concen: 16.592 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

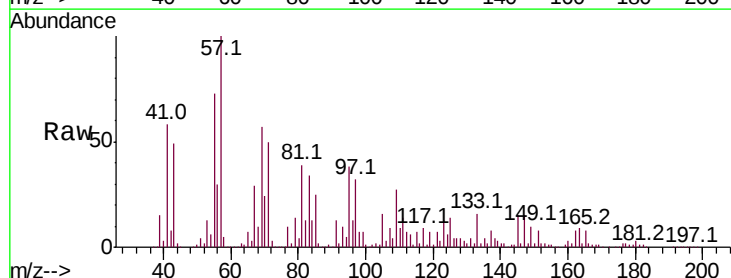
Tgt Ion:113 Resp: 19183

Ion Ratio Lower Upper

113 100

55 1269.1 163.3 203.3#

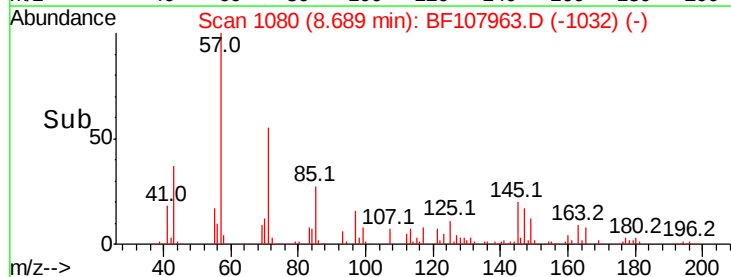
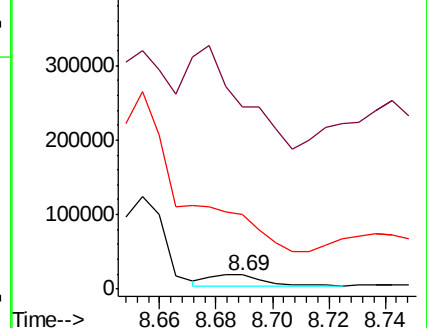
56 516.0 115.7 155.7#

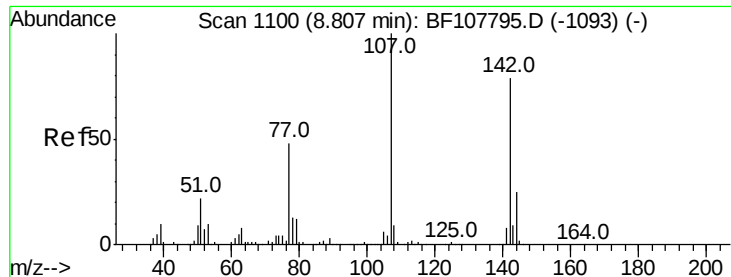


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

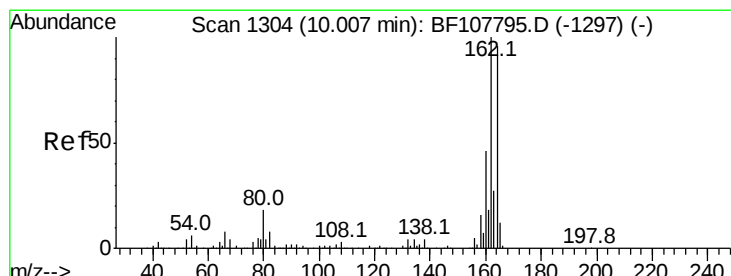
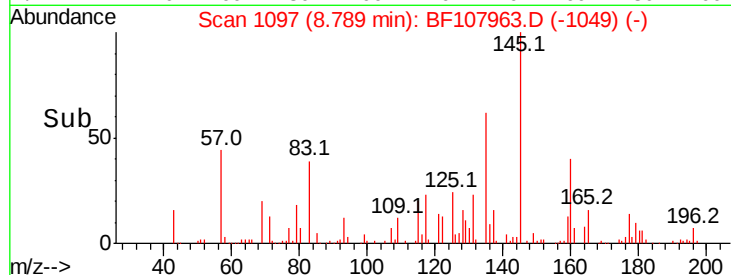
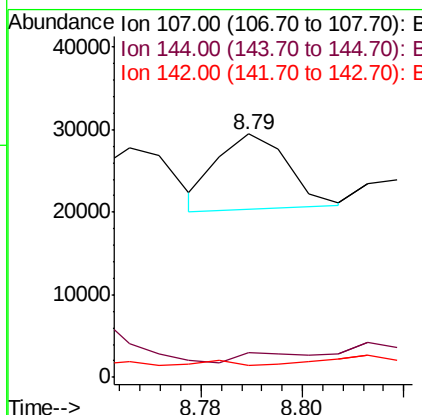
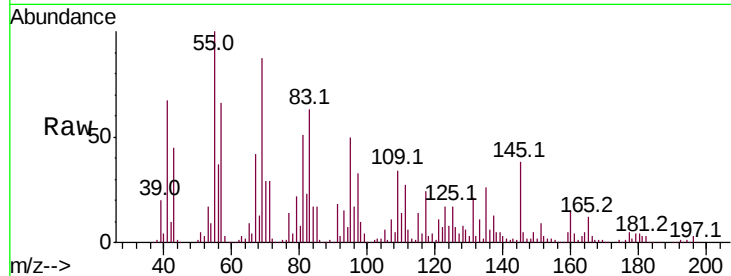




#36
 4-Chloro-3-methylphenol
 Concen: 2.121 ng
 RT: 8.79 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

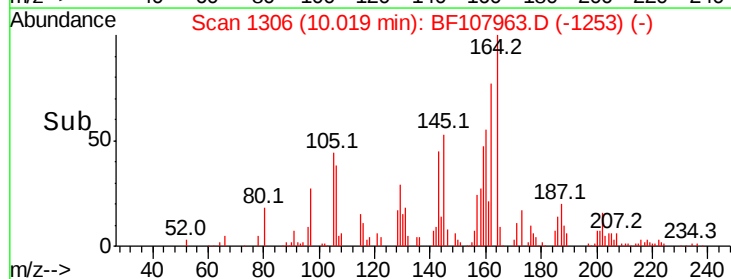
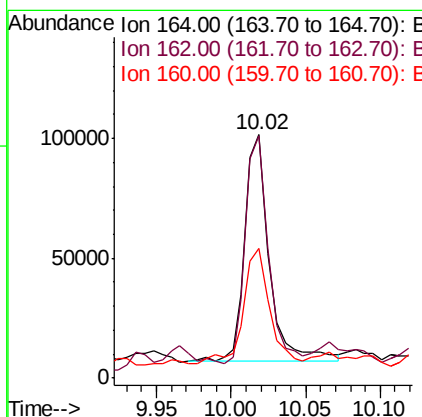
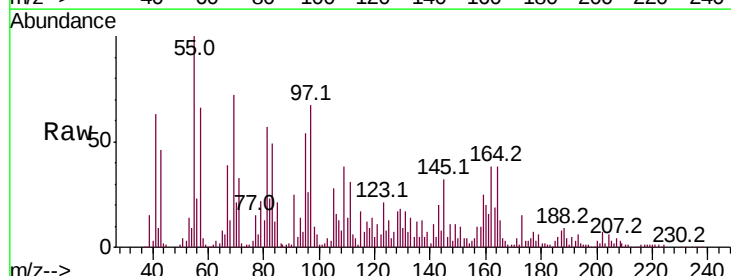
Instrument :
 BNA_F
 ClientSampleId :

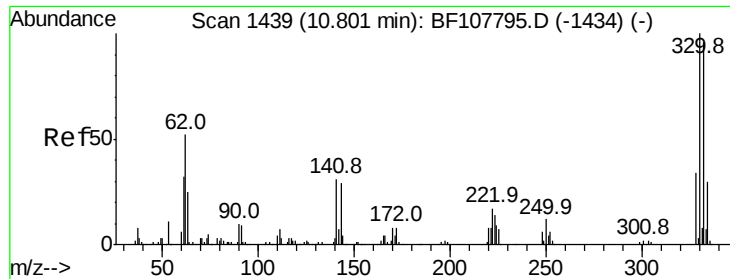
Tot Ion:107 Resp: 8847
 Ion Ratio Lower Upper
 107 100
 144 10.4 20.5 30.7#
 142 5.1 62.0 93.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Tgt Ion:164 Resp: 107858
 Ion Ratio Lower Upper
 164 100
 162 99.8 86.1 129.1
 160 53.1 38.3 57.5

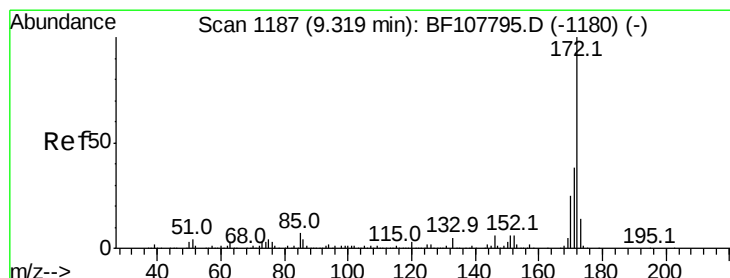
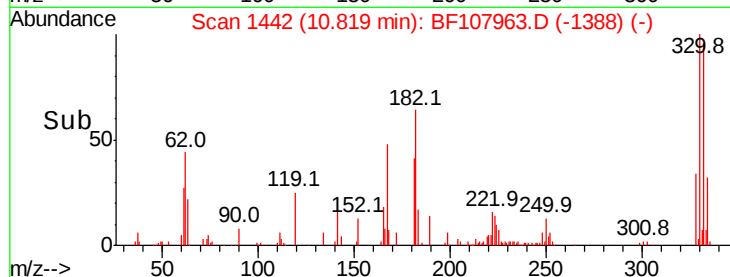
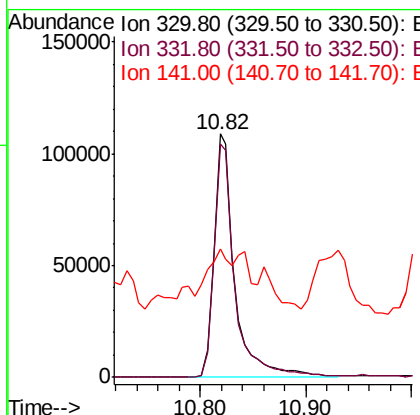
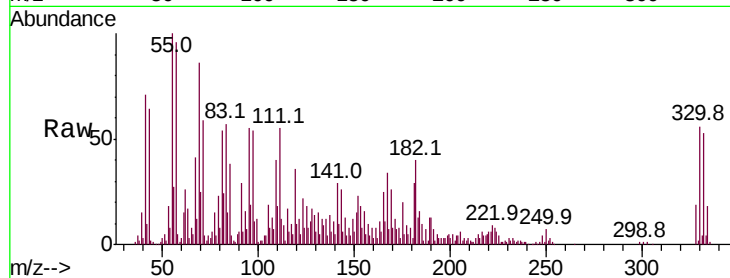




#41
 2,4,6-Tribromophenol
 Concen: 102.491 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

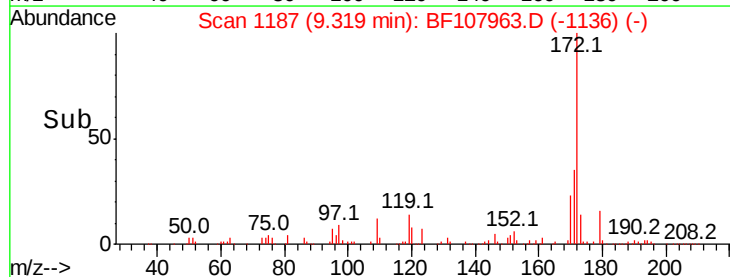
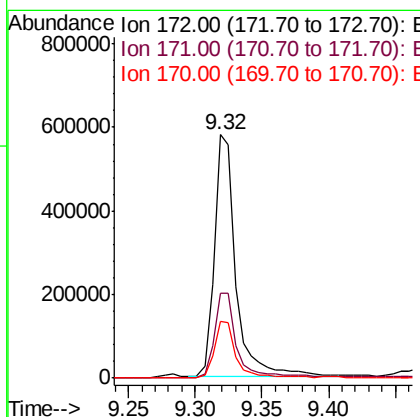
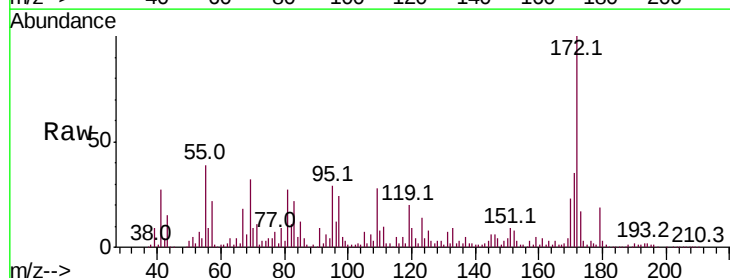
Instrument :
 BNA_F
 ClientSampled :

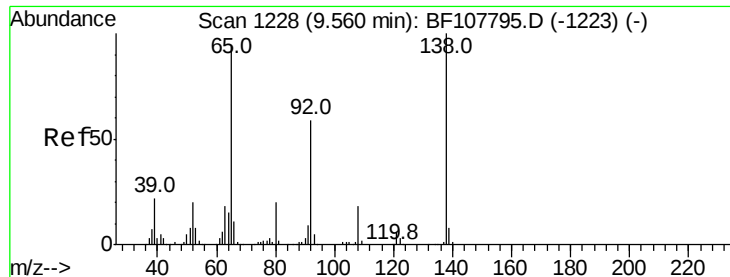
Tot Ion:330 Resp: 150208
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 24.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 85.516 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Tgt Ion:172 Resp: 661905
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.5 19.6 29.4





#47

2-Nitroaniline

Concen: 5.187 ng

RT: 9.55 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

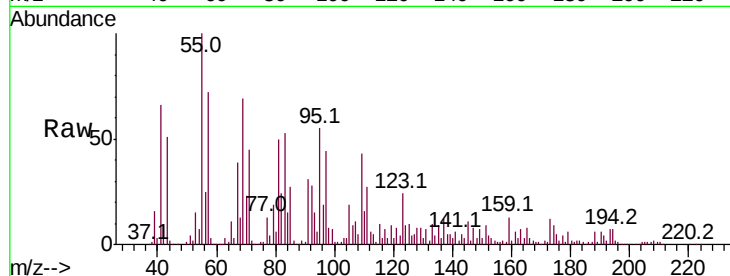
Tot Ion: 65 Resp: 12488

Ion Ratio Lower Upper

65 100

92 267.5 55.8 83.6#

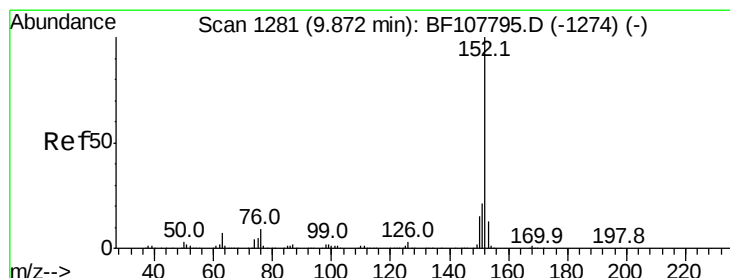
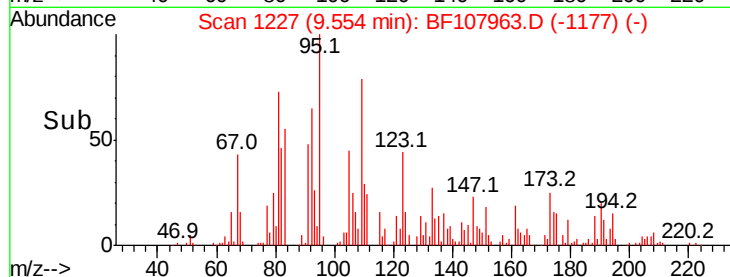
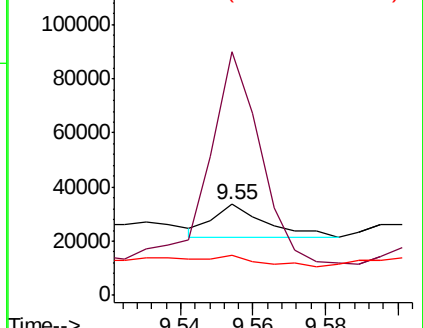
138 43.9 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 2.052 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

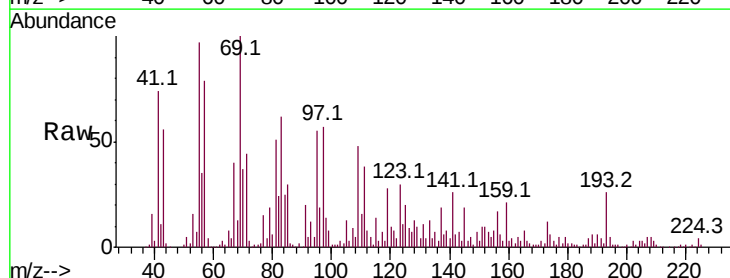
Tgt Ion: 152 Resp: 23552

Ion Ratio Lower Upper

152 100

151 100.2 16.3 24.5#

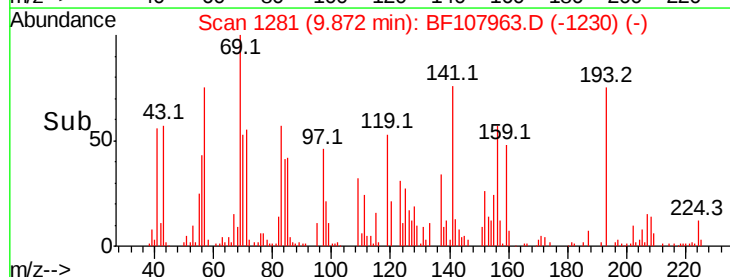
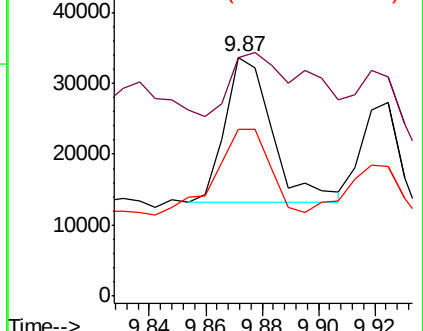
153 70.1 10.7 16.1#

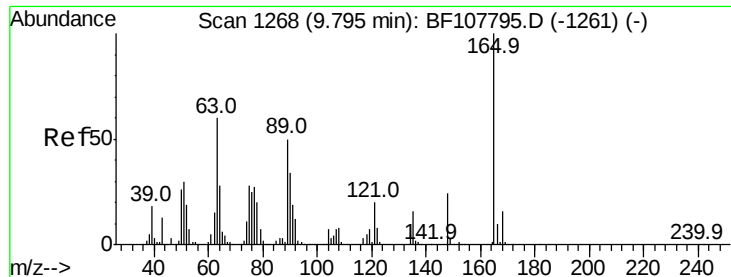


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

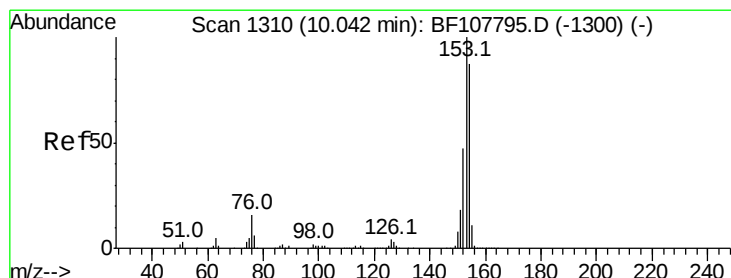
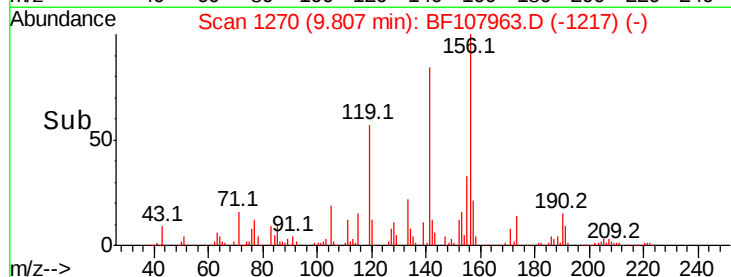
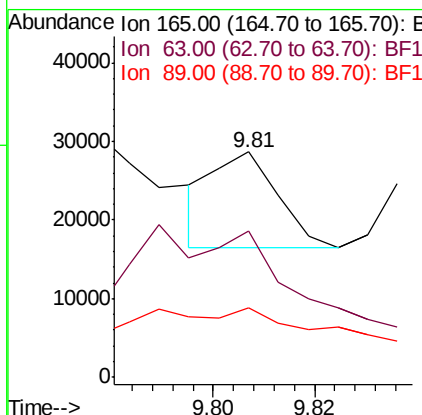
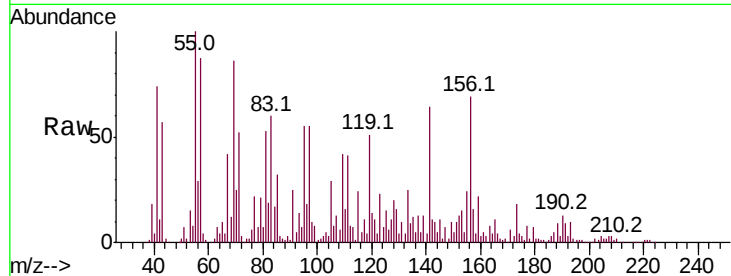




#50
 2,6-Dinitrotoluene
 Concen: 6.069 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

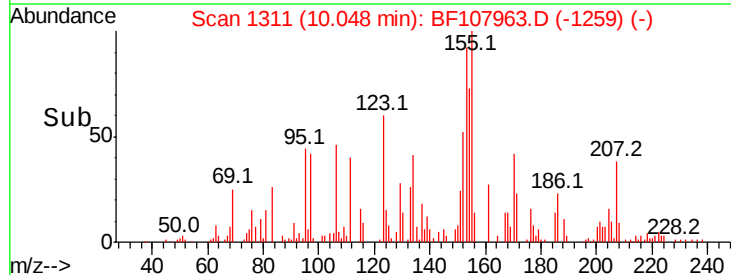
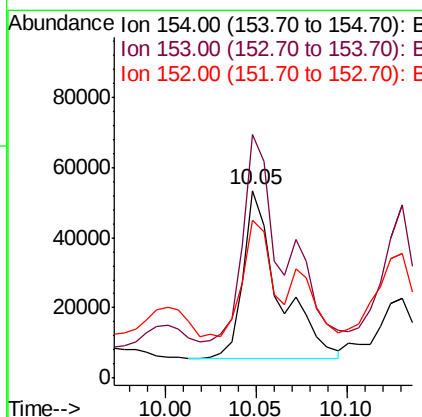
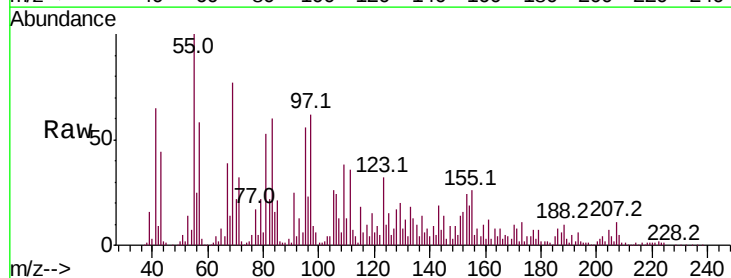
Instrument :
 BNA_F
 ClientSampleId :

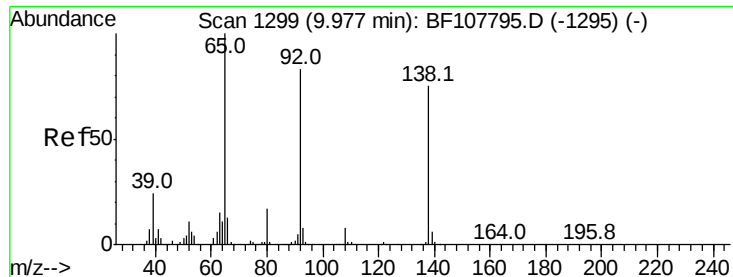
Tot Ion:165 Resp: 10683
 Ion Ratio Lower Upper
 165 100
 63 64.8 44.7 67.1
 89 31.1 44.0 66.0#



#51
 Acenaphthene
 Concen: 9.862 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Tgt Ion:154 Resp: 65737
 Ion Ratio Lower Upper
 154 100
 153 129.7 91.2 136.8
 152 84.4 43.8 65.8#

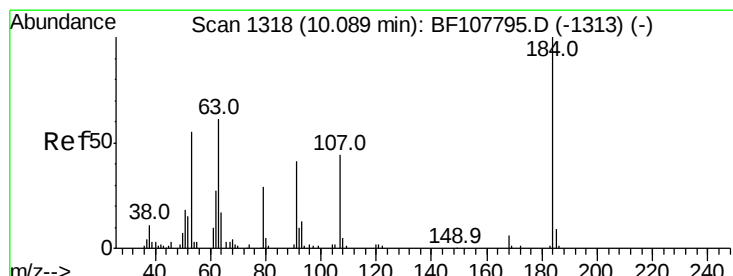
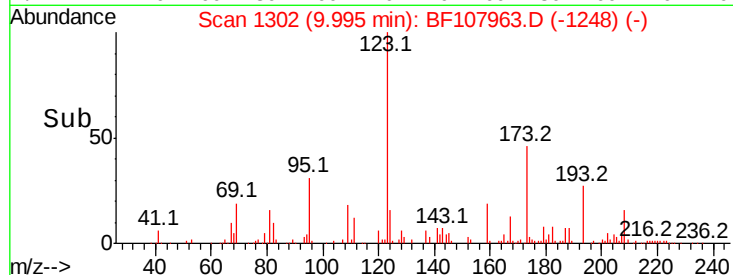
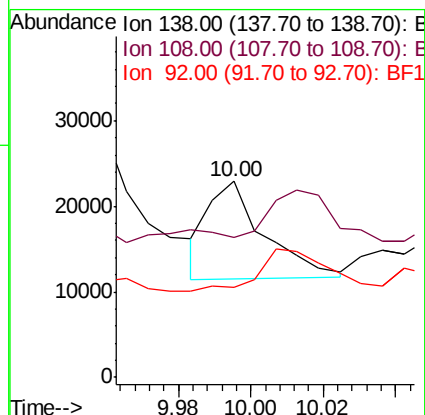
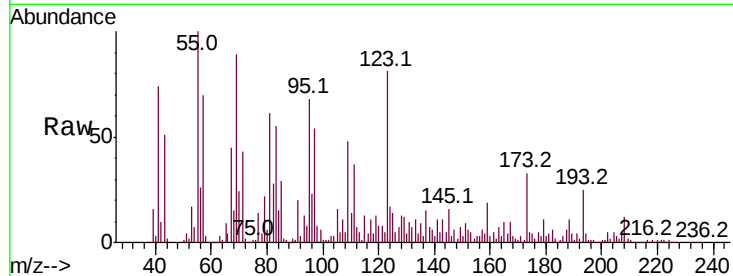




#52
3-Nitroaniline
Concen: 5.509 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

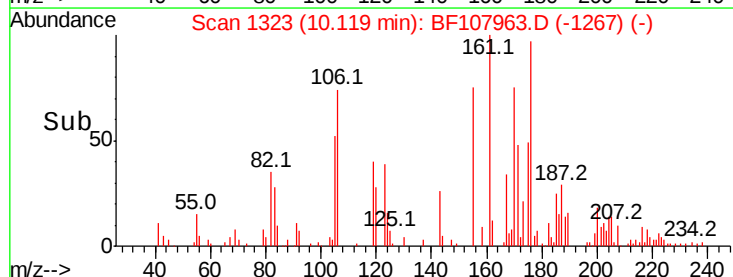
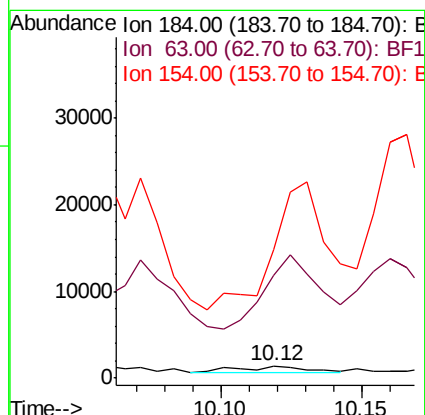
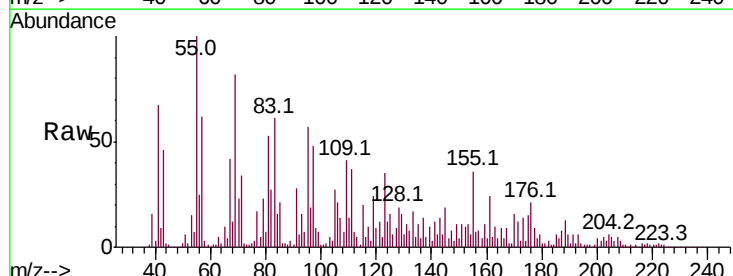
Instrument :
BNA_F
ClientSampled :

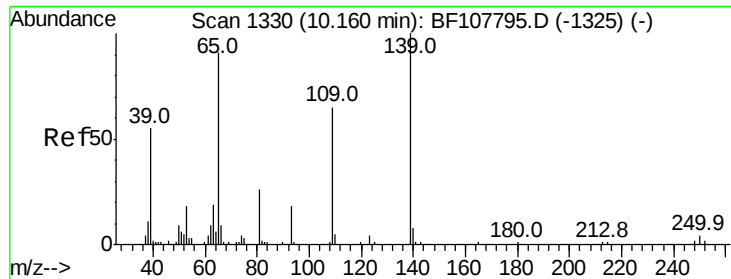
Tot Ion:138 Resp: 12219
Ion Ratio Lower Upper
138 100
108 71.2 9.4 14.0#
92 45.8 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 9.485 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:184 Resp: 1084
Ion Ratio Lower Upper
184 100
63 830.5 54.2 81.2#
154 1034.4 184.0 276.0#

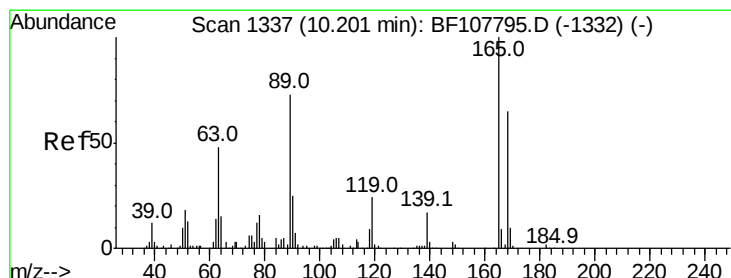
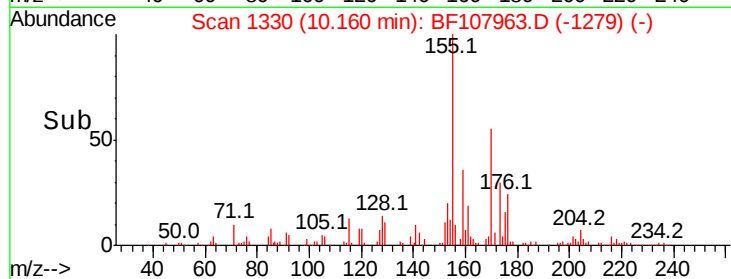
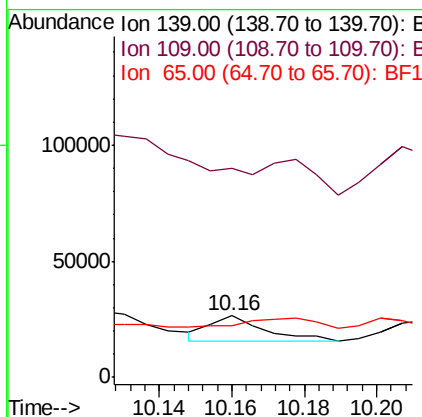
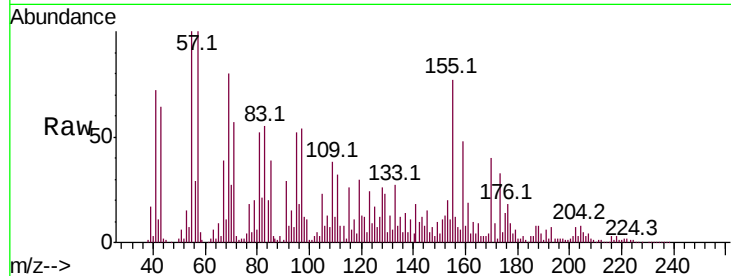




#55
4-Nitrophenol
Concen: 19.116 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

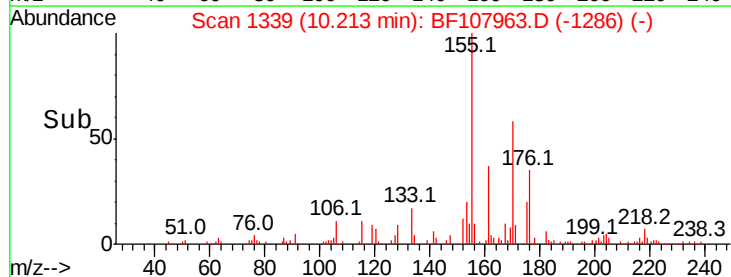
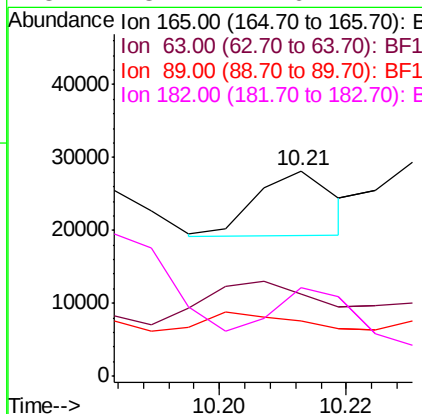
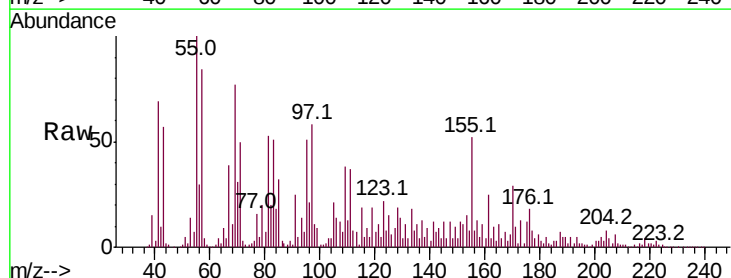
Instrument :
BNA_F
ClientSampleId :

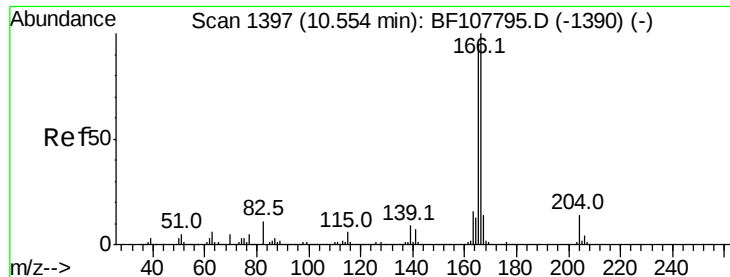
Tot Ion	Ratio	Lower	Upper
139	100		
109	339.7	48.4	88.4#
65	84.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 3.293 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.9	36.4	54.6
89	26.6	57.8	86.6#
182	43.1	1.6	2.4#

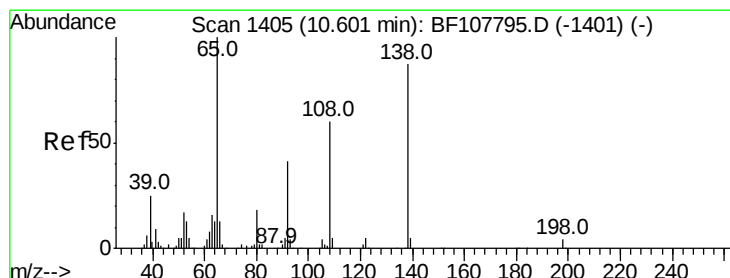
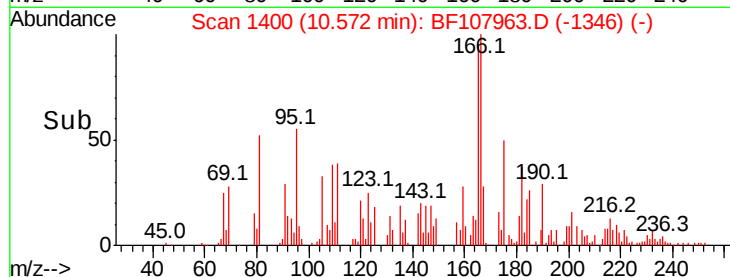
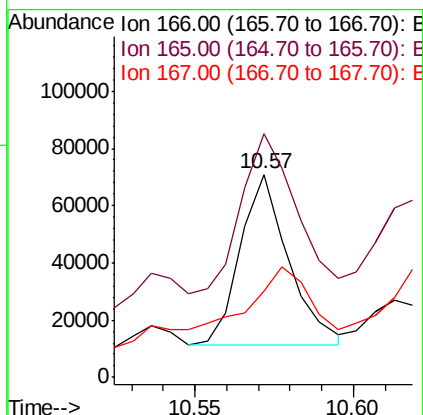
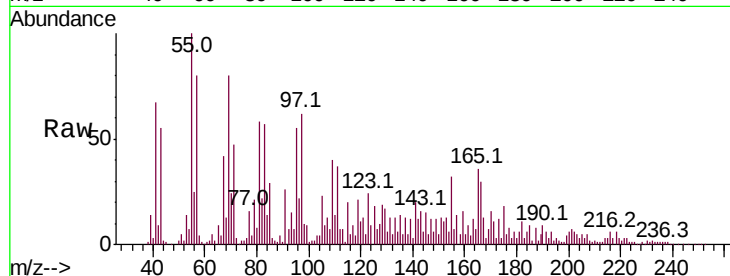




#57
Fluorene
 Concen: 7.895 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.02 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

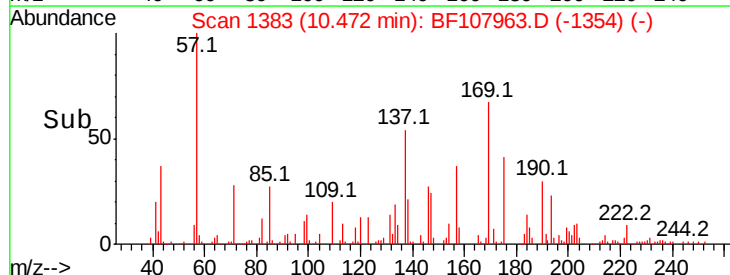
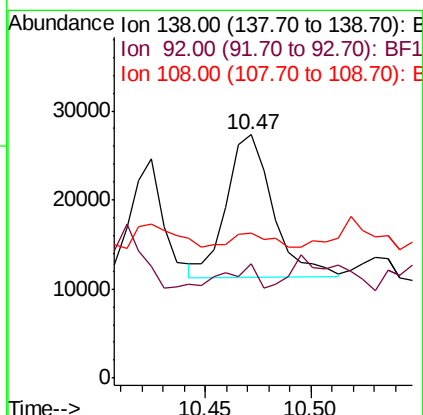
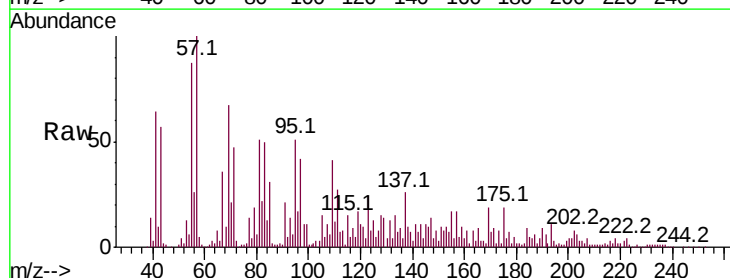
Instrument :
 BNA_F
 ClientSampleId :

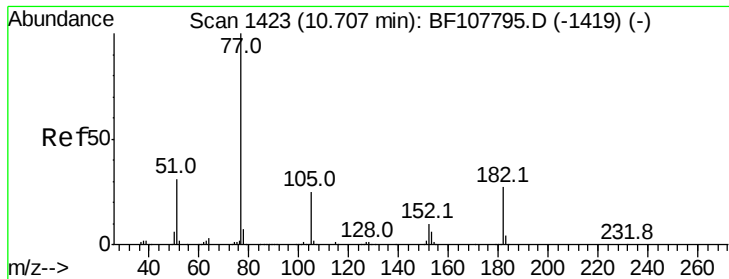
Tot Ion:166 Resp: 63220
 Ion Ratio Lower Upper
 166 100
 165 120.1 79.8 119.8#
 167 42.4 10.6 16.0#



#61
4-Nitroaniline
 Concen: 12.422 ng
 RT: 10.47 min Scan# 1383
 Delta R.T. -0.13 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Tgt Ion:138 Resp: 24453
 Ion Ratio Lower Upper
 138 100
 92 47.0 30.2 70.2
 108 59.8 52.5 92.5





#62

Azobenzene

Concen: 2.364 ng

RT: 10.73 min Scan# 1427

Delta R.T. 0.02 min

Lab File: BF107963.D

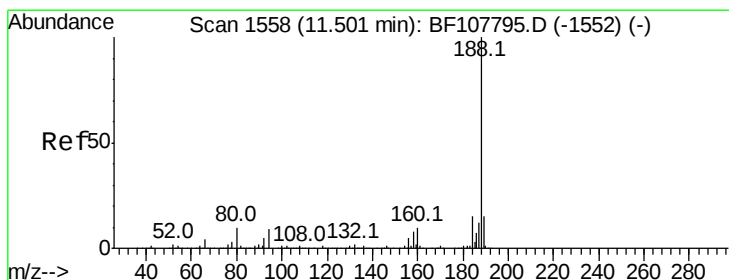
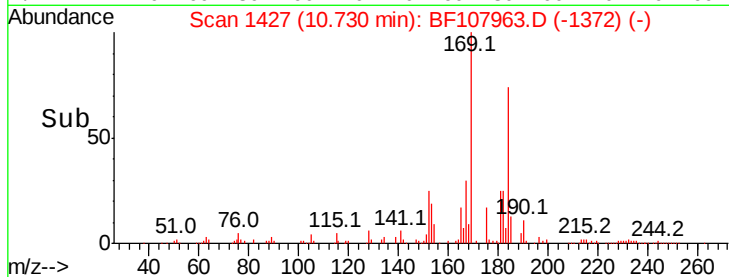
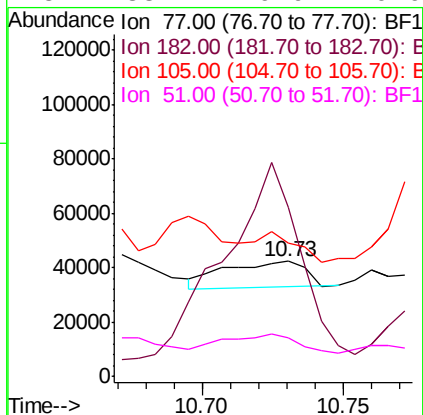
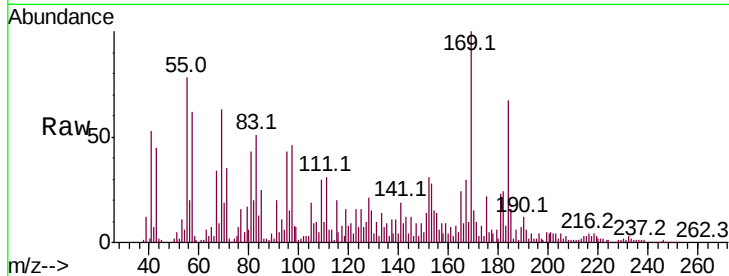
Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:	77	Resp:	19175
Ion	Ratio	Lower	Upper
77	100		
182	147.1	1.7	41.7#
105	115.4	3.0	43.0#
51	33.7	9.9	49.9



#63

Phenanthrene-d10

Concen: 20.000 ng

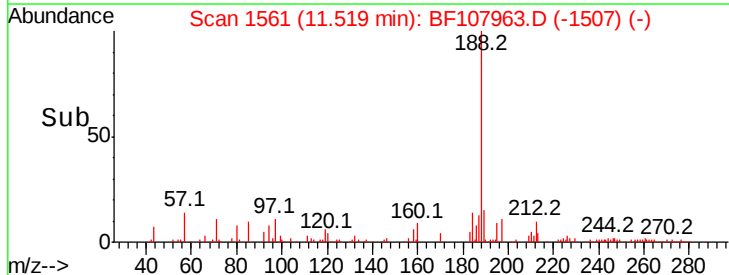
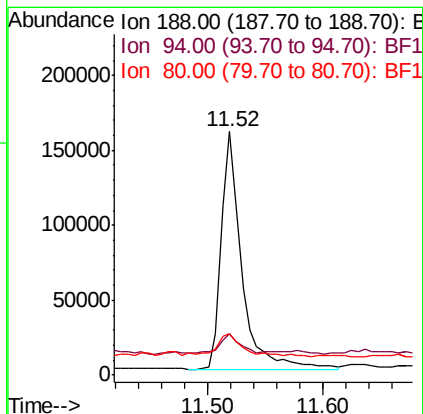
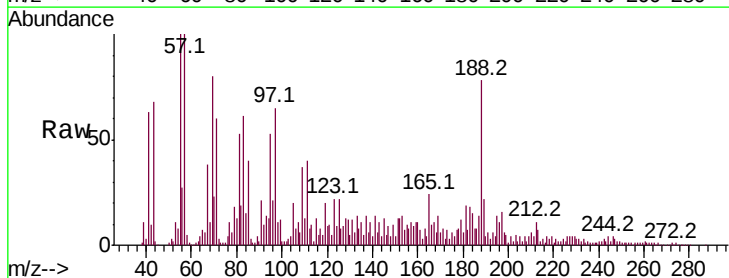
RT: 11.52 min Scan# 1561

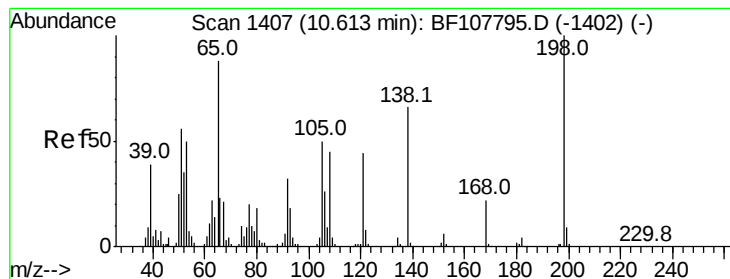
Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Tgt Ion:	188	Resp:	195842
Ion	Ratio	Lower	Upper
188	100		
94	17.0	8.5	12.7#
80	16.9	9.2	13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 3.361 ng

RT: 10.62 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampleId :

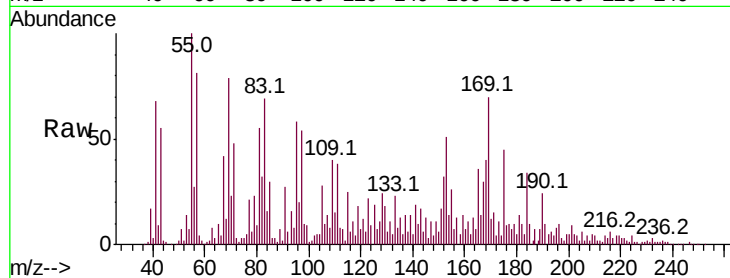
Tot Ion:198 Resp: 3581

Ion Ratio Lower Upper

198 100

51 305.4 37.7 77.7#

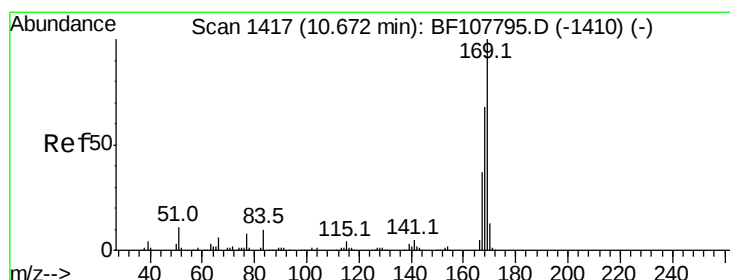
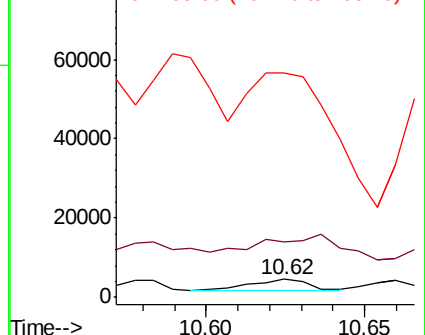
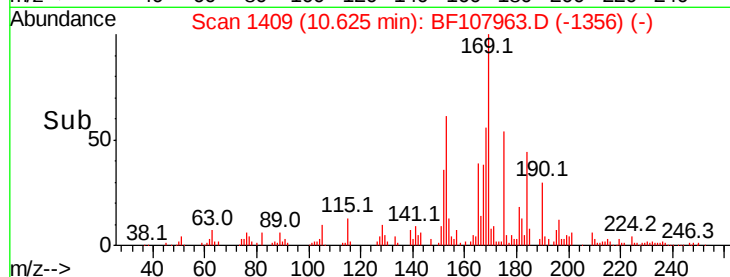
105 1239.9 36.3 76.3#



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



#65

n-Nitrosodiphenylamine

Concen: 80.393 ng

RT: 10.68 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

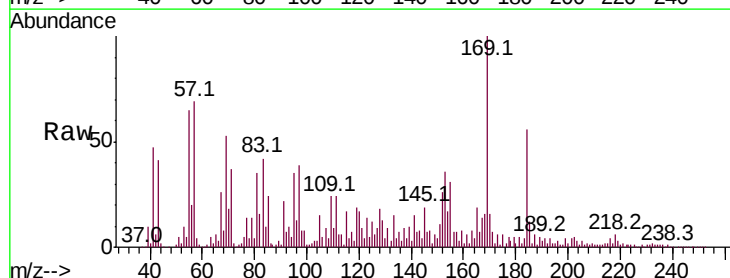
Tgt Ion:169 Resp: 518417

Ion Ratio Lower Upper

169 100

168 15.9 54.4 81.6#

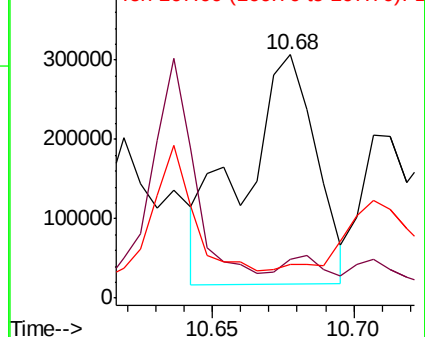
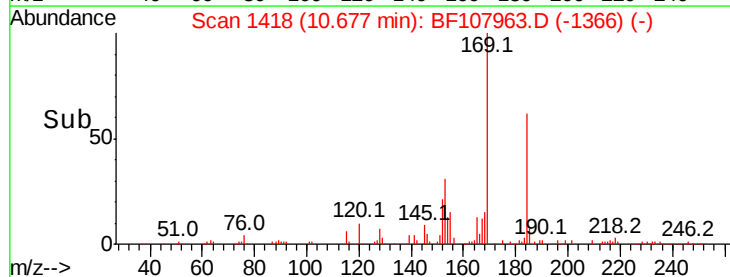
167 13.7 29.8 44.6#

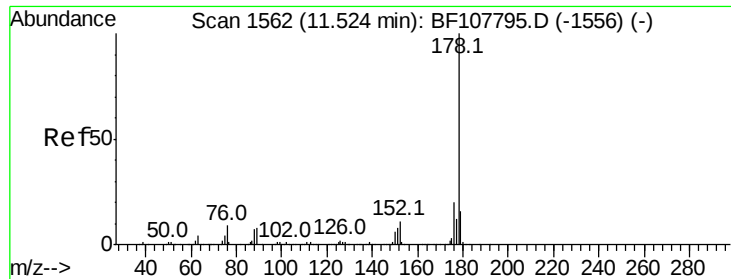


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 5.079 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.04 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampleId :

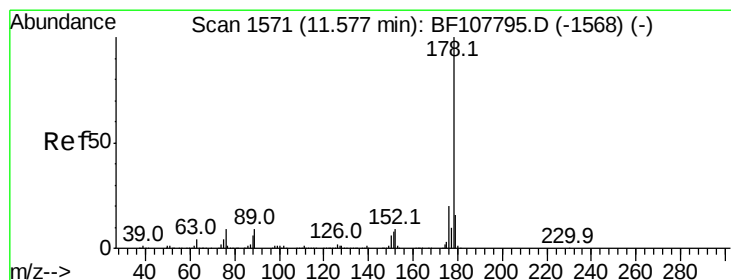
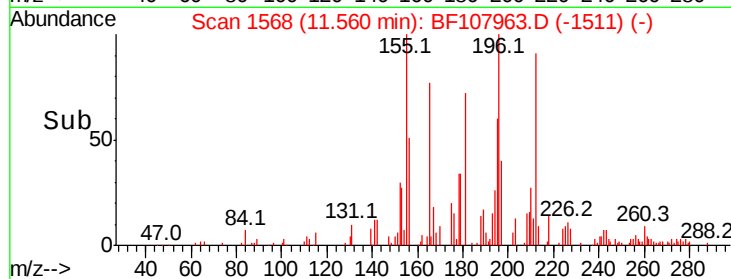
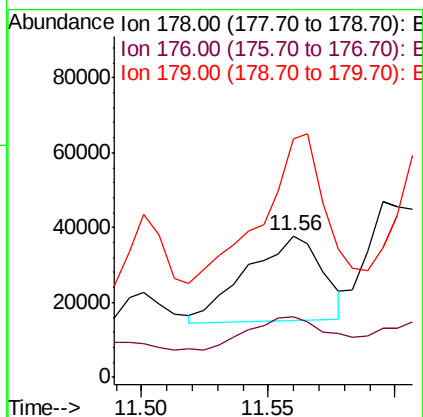
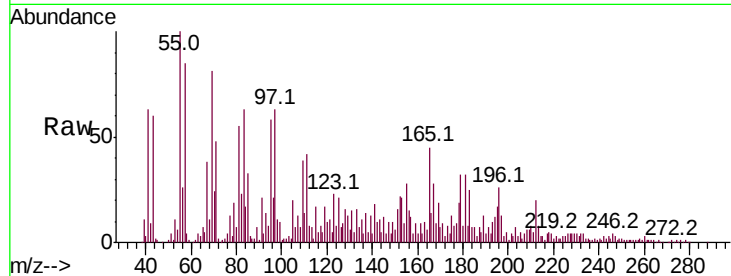
Tot Ion:178 Resp: 47226

Ion Ratio Lower Upper

178 100

176 42.8 15.8 23.8#

179 168.0 13.0 19.6#



#71

Anthracene

Concen: 11.608 ng

RT: 11.62 min Scan# 1579

Delta R.T. 0.05 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

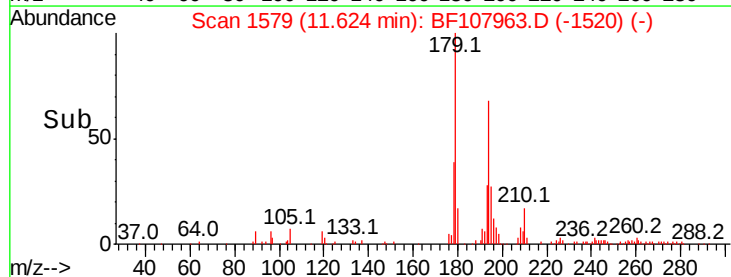
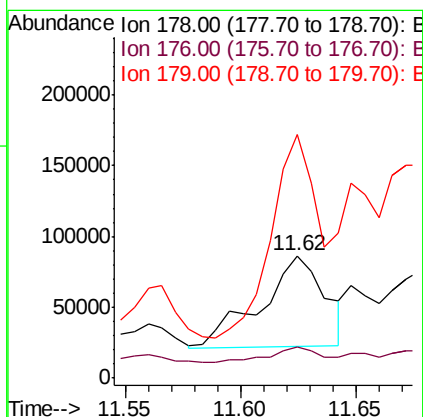
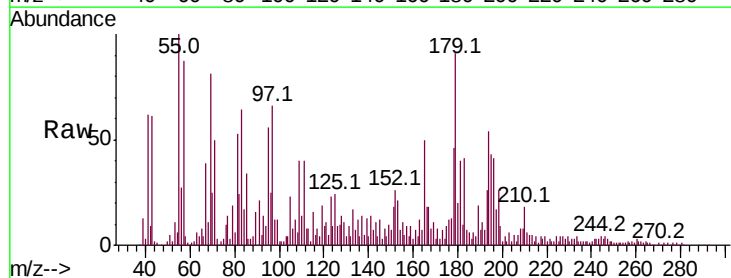
Tgt Ion:178 Resp: 124508

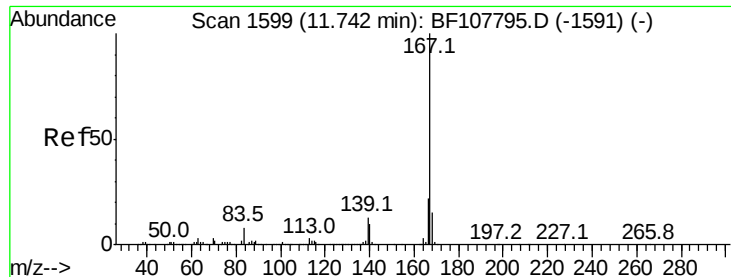
Ion Ratio Lower Upper

178 100

176 25.9 15.4 23.2#

179 199.6 12.6 19.0#





#72

Carbazole

Concen: 2.093 ng

RT: 11.78 min Scan# 1606

Delta R.T. 0.04 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

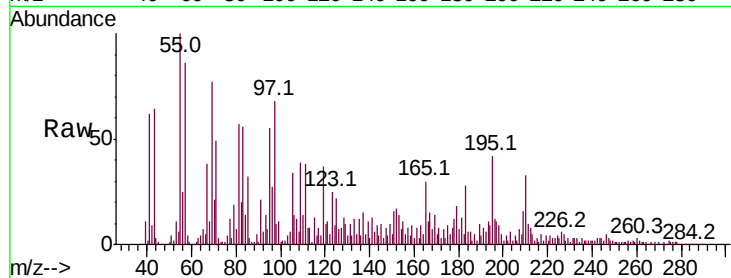
Tot Ion:167 Resp: 22183

Ion Ratio Lower Upper

167 100

166 75.8 17.6 26.4#

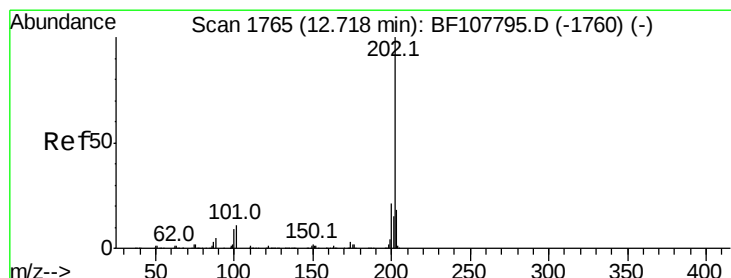
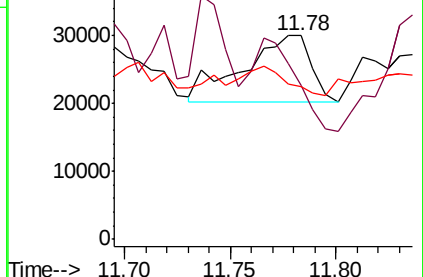
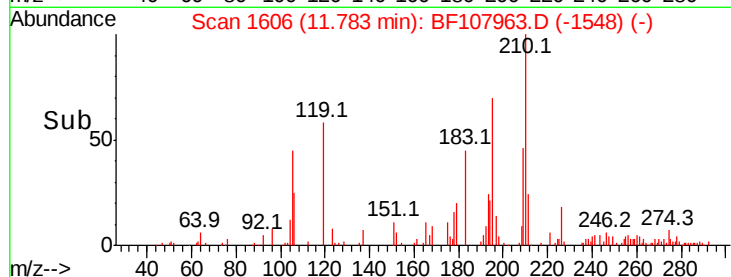
139 75.1 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 3.763 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

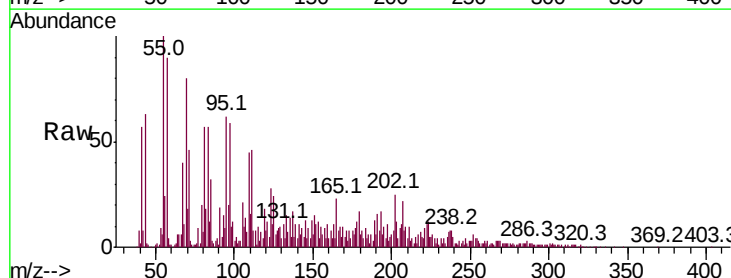
Tgt Ion:202 Resp: 41106

Ion Ratio Lower Upper

202 100

101 19.1 0.0 34.1

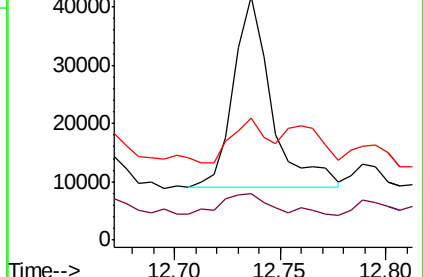
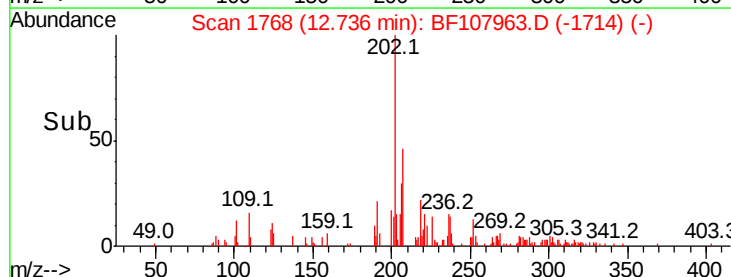
203 50.0 0.0 38.1#

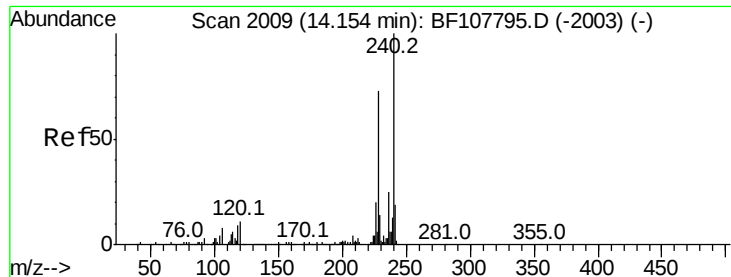


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

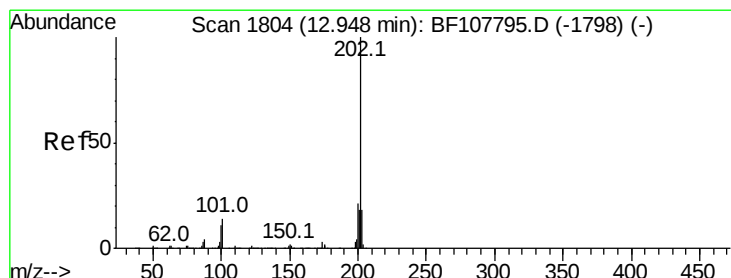
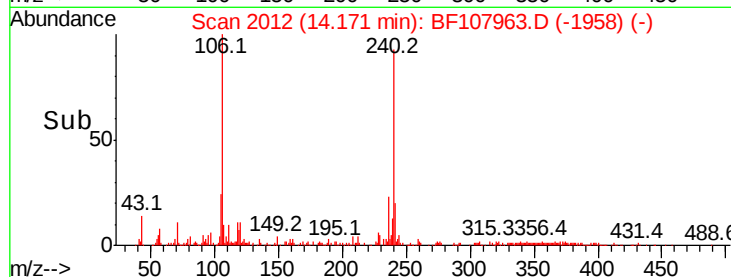
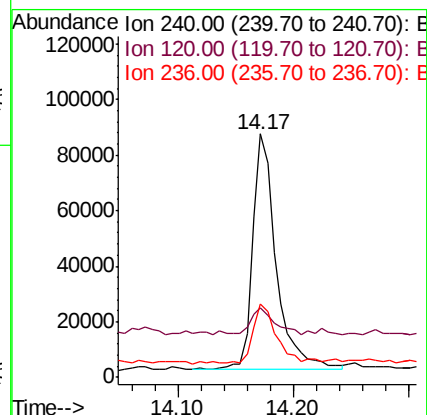
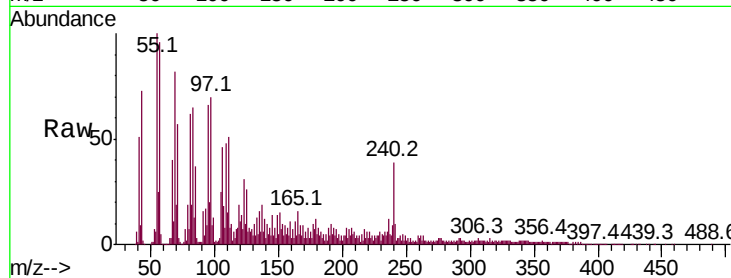
Tot Ion:240 Resp: 119961

Ion Ratio Lower Upper

240 100

120 28.7 9.5 14.3#

236 29.9 20.7 31.1



#77

Pyrene

Concen: 9.711 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

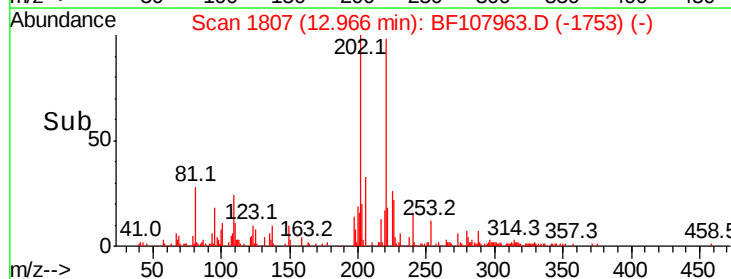
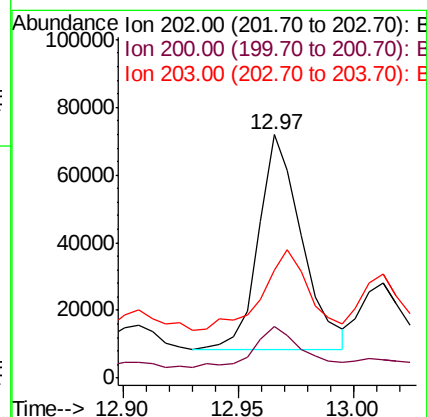
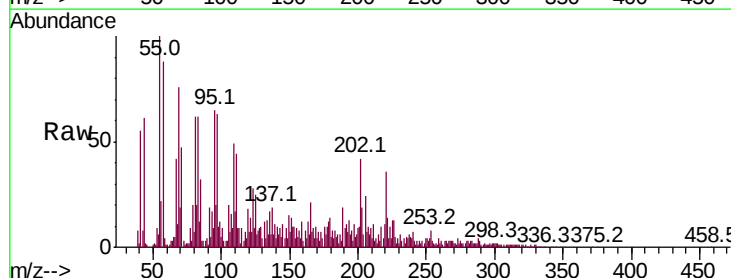
Tgt Ion:202 Resp: 83883

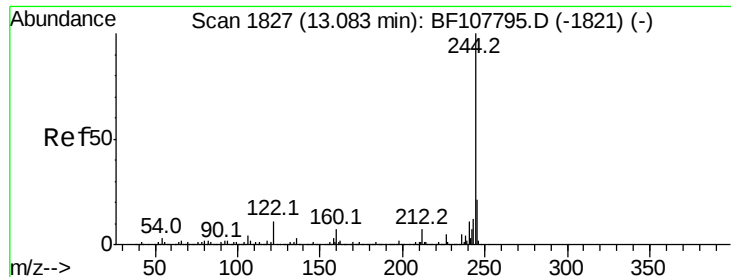
Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

203 44.6 14.3 21.5#





#78

Terphenyl-d14

Concen: 129.671 ng

RT: 13.09 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampleId :

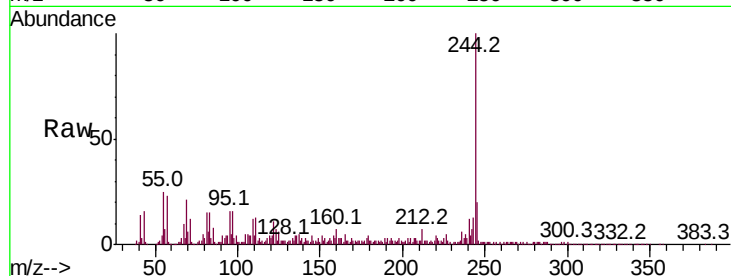
Tot Ion:244 Resp: 717363

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

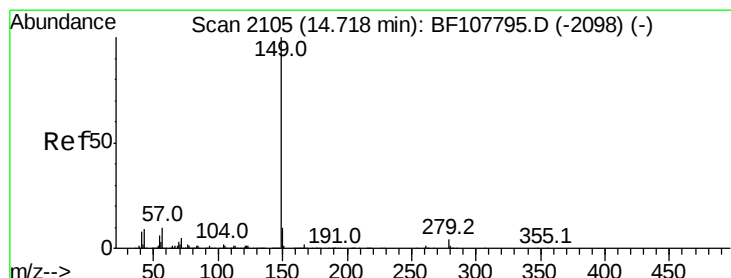
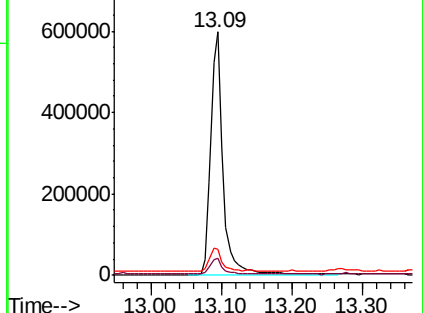
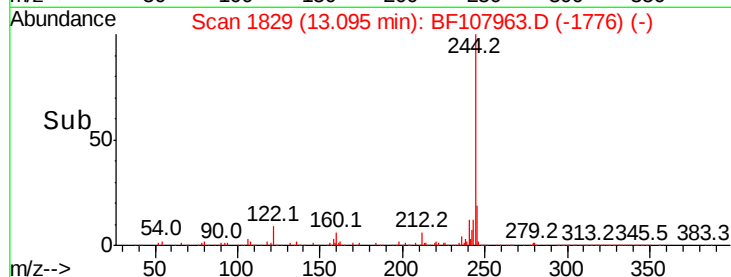
122 10.7 11.0 16.4#



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



#84

Di-n-octyl phthalate

Concen: 3.321 ng

RT: 14.78 min Scan# 2115

Delta R.T. 0.06 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

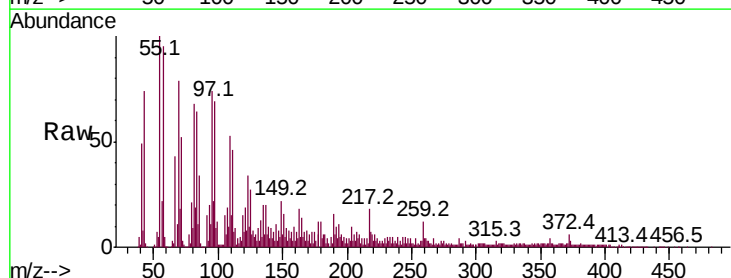
Tgt Ion:149 Resp: 25348

Ion Ratio Lower Upper

149 100

167 3.0 1.2 1.8#

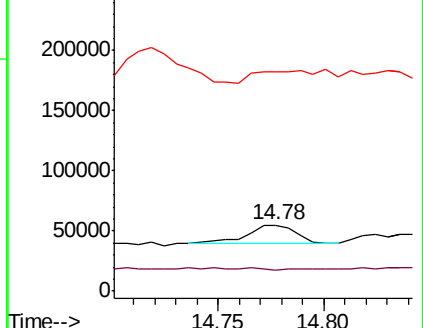
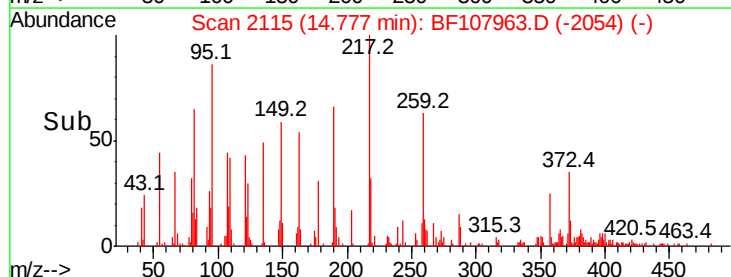
43 0.0 8.4 12.6#

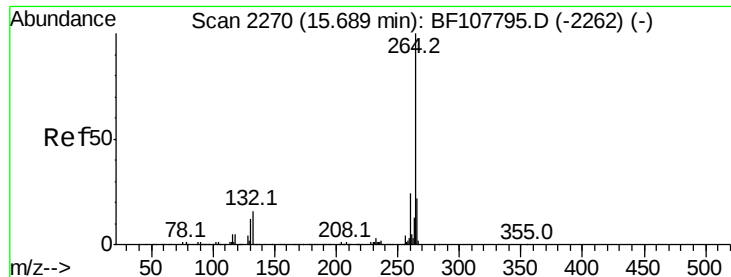


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

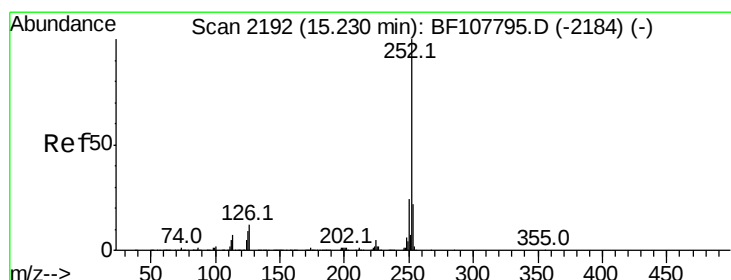
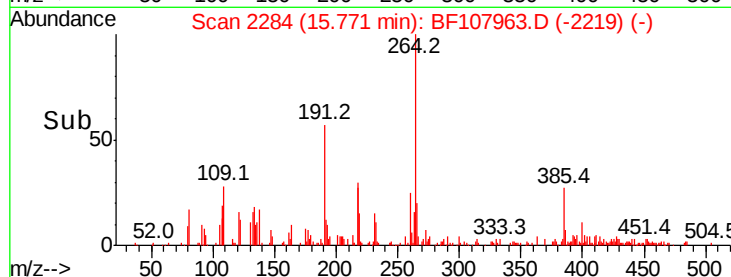
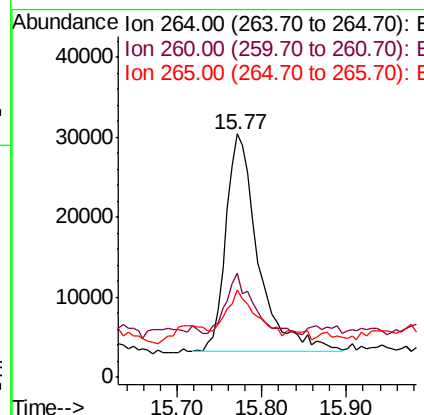
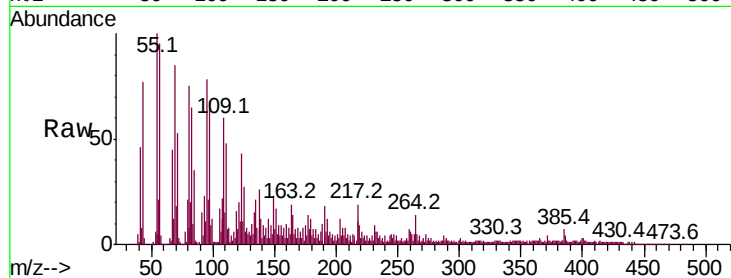




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. 0.08 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 72173
 Ion Ratio Lower Upper
 264 100
 260 42.7 19.2 28.8#
 265 35.7 17.5 26.3#



#87
 Benzo(b)fluoranthene
 Concen: 3.984 ng
 RT: 15.29 min Scan# 2202
 Delta R.T. 0.06 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Tgt Ion:252 Resp: 14182
 Ion Ratio Lower Upper
 252 100
 253 378.3 17.0 25.6#
 125 722.4 9.0 13.6#

