

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107129.D
 Acq On : 5 Jul 2018 16:19
 Operator : JU/SJ
 Sample : J3853-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7

Quant Time: Jul 05 17:02:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	48113	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	167125	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	87276	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	147044	20.00	ng	0.00
75) Chrysene-d12	14.14	240	156492	20.00	ng	-0.02
86) Perylene-d12	15.69	264	137796	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	322261	113.42	ng	0.00
7) Phenol-d6	6.60	99	391199	110.25	ng	-0.02
23) Nitrobenzene-d5	7.52	82	219287	72.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	100437	99.29	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	344464	62.98	ng	-0.01
78) Terphenyl-d14	13.07	244	382428	59.20	ng	-0.01

Target Compounds

						Qvalue
15) Benzyl Alcohol	7.11	79	10469	3.674	ng	# 36
18) Hexachloroethane	7.48	117	62876	48.452	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	23320	9.970	ng	# 60
20) 3+4-Methylphenols	7.35	107	755	Below Cal		# 1
24) Nitrobenzene	7.52	77	12171	3.964	ng	# 33
25) Isophorone	7.76	82	46858	8.842	ng	# 1
26) 2-Nitrophenol	7.84	139	6158	4.249	ng	# 1
27) 2,4-Dimethylphenol	7.89	122	6285	2.805	ng	# 17
28) bis(2-Chloroethoxy)methane	7.98	93	7678	2.158	ng	# 1
29) 2,4-Dichlorophenol	8.13	162	9053	3.860	ng	# 25
31) Naphthalene	8.26	128	42546	5.445	ng	# 49
32) Benzoic acid	8.02	122	6215	9.090	ng	# 24
35) Caprolactam	8.68	113	7225	9.450	ng	# 1
37) 2-Methylnaphthalene	8.97	142	472891	91.308	ng	98
47) 2-Nitroaniline	9.55	65	4415	2.398	ng	# 1
48) Acenaphthylene	9.87	152	21573	2.496	ng	# 1
49) Dimethylphthalate	9.71	163	39804	6.081	ng	# 72
51) Acenaphthene	10.04	154	62722	11.523	ng	# 85
52) 3-Nitroaniline	9.98	138	3499	2.194	ng	# 48
53) 2,4-Dinitrophenol	10.05	184	694	6.251	ng	# 1
54) Dibenzofuran	10.21	168	61203	8.211	ng	# 61
55) 4-Nitrophenol	10.15	139	4701	4.222	ng	# 22
56) 2,4-Dinitrotoluene	10.21	165	16234	8.973	ng	# 60
57) Fluorene	10.55	166	90350	15.276	ng	# 91
61) 4-Nitroaniline	10.41	138	3563	2.251	ng	81
65) n-Nitrosodiphenylamine	10.66	169	113620	22.973	ng	# 42
70) Phenanthrene	11.52	178	377047	53.163	ng	99
71) Anthracene	11.52	178	377047	52.085	ng	98
72) Carbazole	11.73	167	18164	2.680	ng	# 63
74) Fluoranthene	12.71	202	311086	39.796	ng	96
77) Pyrene	12.94	202	299018	28.976	ng	98
80) Benzo(a)anthracene	14.13	228	154134	16.160	ng	98
82) Chrysene	14.17	228	135622	15.456	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	16587	3.058	ng	# 92

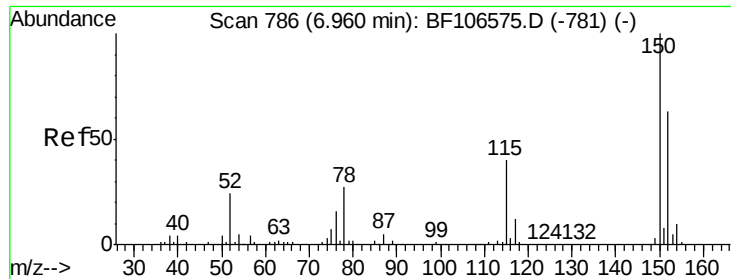
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
Data File : BF107129.D
Acq On : 5 Jul 2018 16:19
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.23	252	186875	21.832	ng	97
88) Benzo(k)fluoranthene	15.23	252	186897	22.928	ng #	98
89) Benzo(a)pyrene	15.62	252	89641	11.780	ng	97
91) Benzo(g,h,i)perylene	17.75	276	30200	4.791	ng #	86

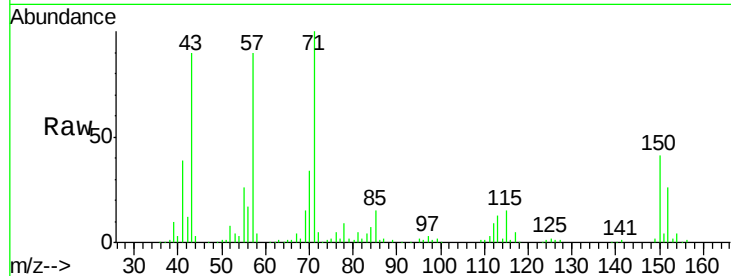
(#) = qualifier out of range (m) = manual integration (+) = signals summed



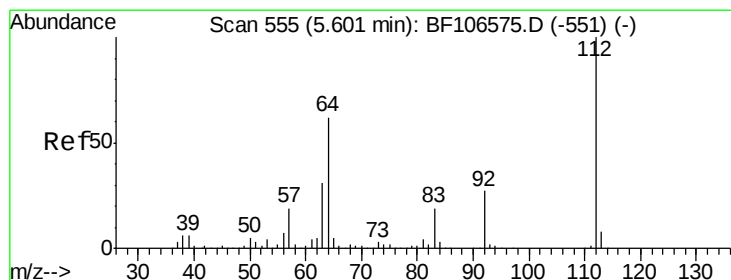
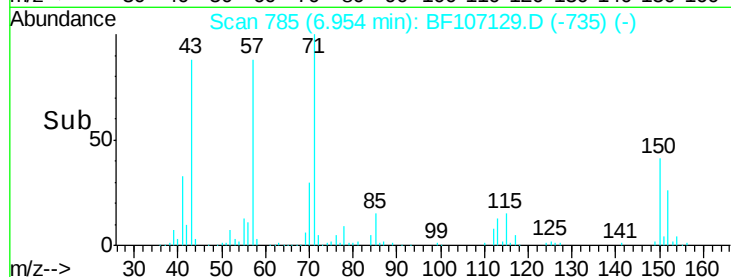
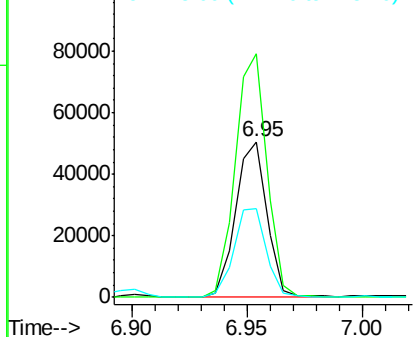
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 48113
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 56.9 50.1 75.1

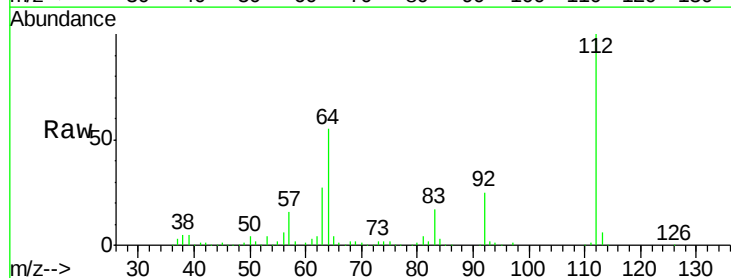


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

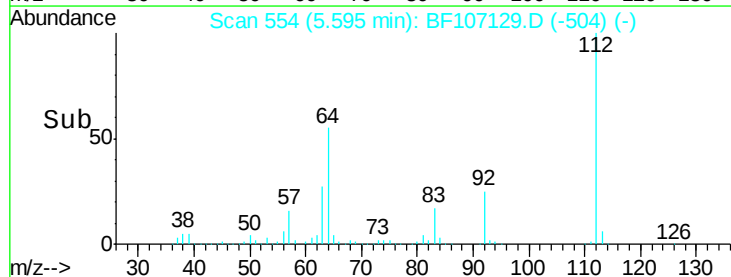
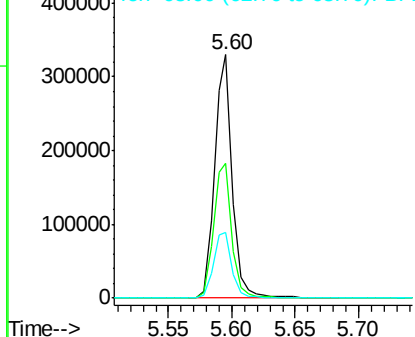


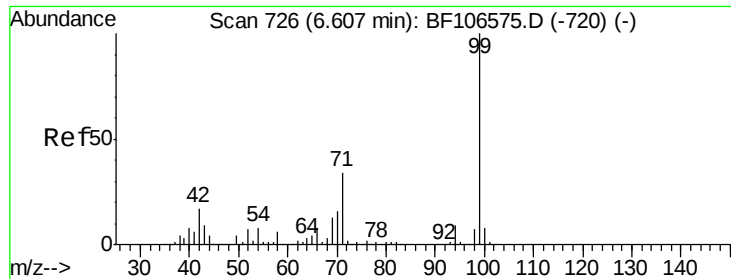
#5
 2-Fluorophenol
 Concen: 113.418 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

Tgt Ion:112 Resp: 322261
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.0 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: 110.250 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

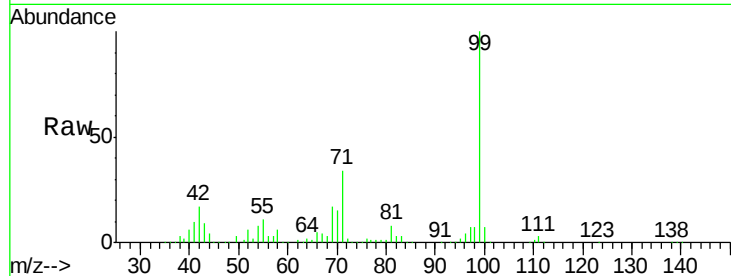
Tgt Ion: 99 Resp: 391199

Ion Ratio Lower Upper

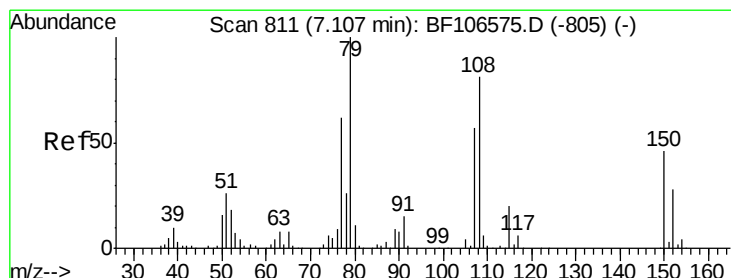
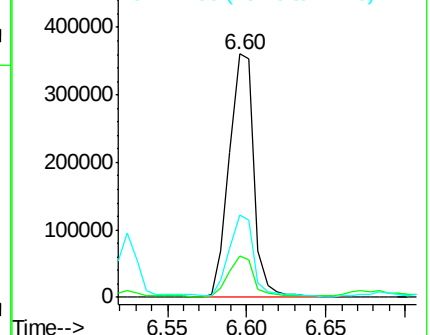
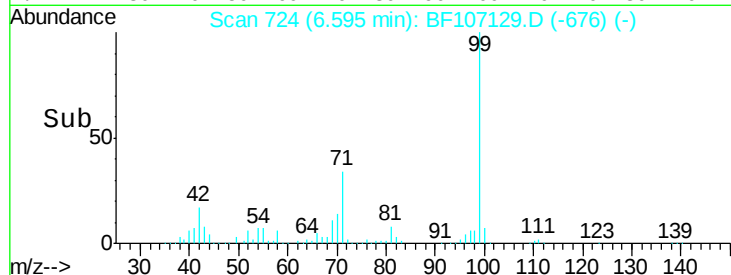
99 100

42 17.2 14.5 21.7

71 34.0 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: 3.674 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

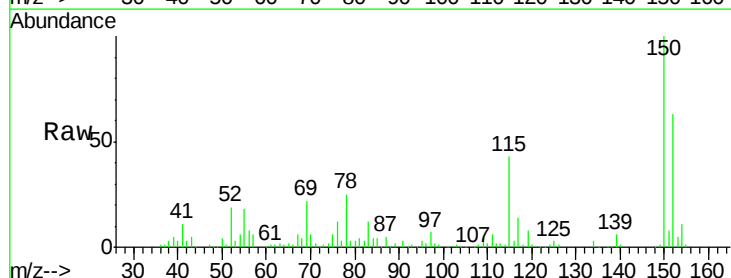
Tgt Ion: 79 Resp: 10469

Ion Ratio Lower Upper

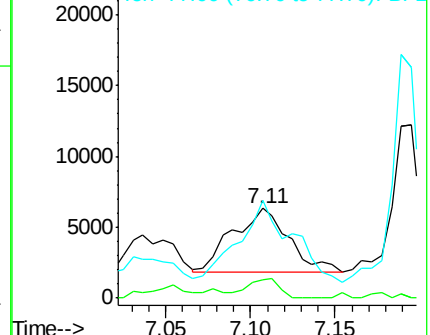
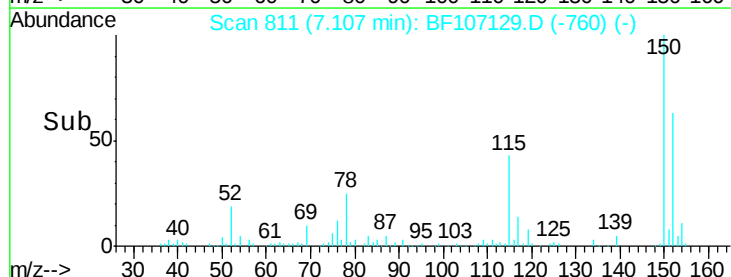
79 100

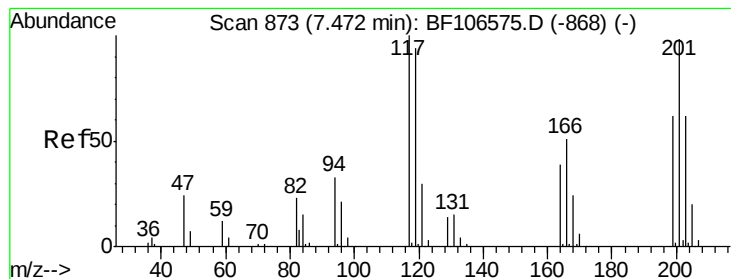
108 20.5 65.1 97.7#

77 108.3 50.6 75.8#



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





#18

Hexachloroethane

Concen: 48.452 ng

RT: 7.48 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

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ClientSampleId :

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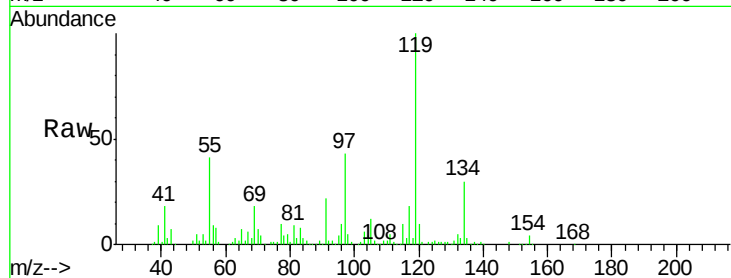
Tgt Ion:117 Resp: 62876

Ion Ratio Lower Upper

117 100

119 548.7 75.8 113.8#

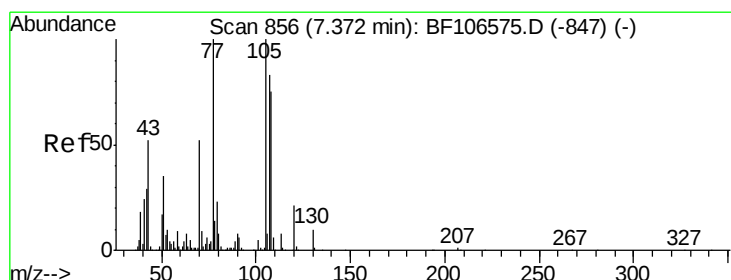
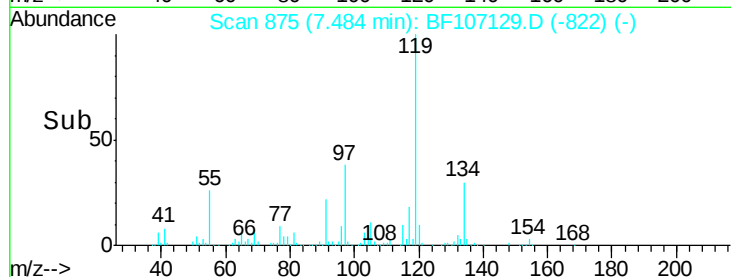
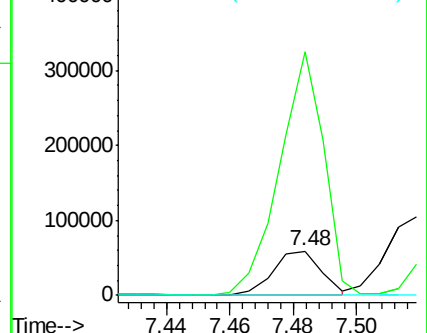
201 0.0 75.7 113.5#



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: 9.970 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Tgt Ion: 70 Resp: 23320

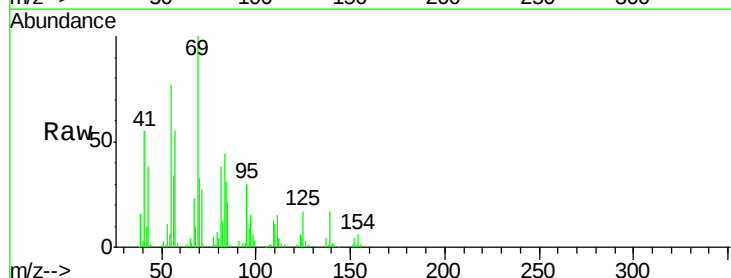
Ion Ratio Lower Upper

70 100

42 28.8 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

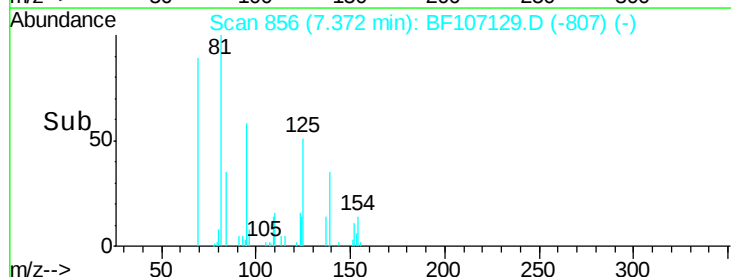
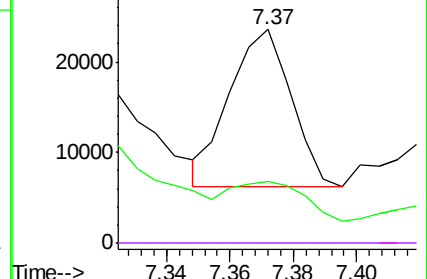


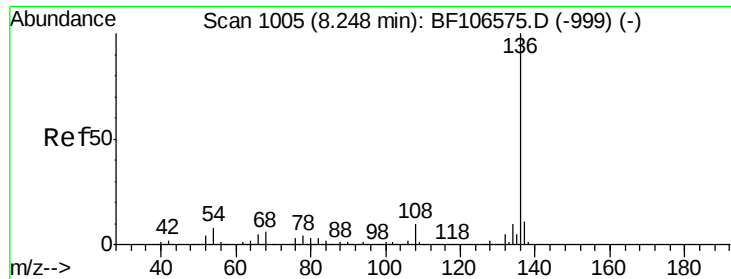
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

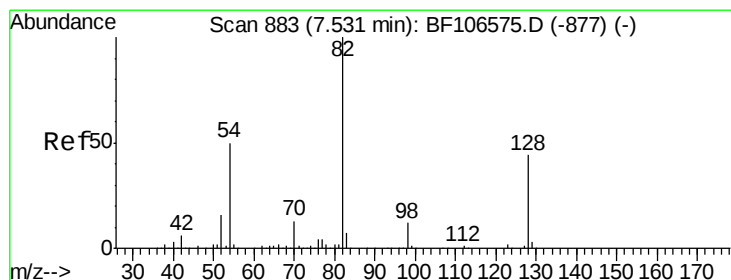
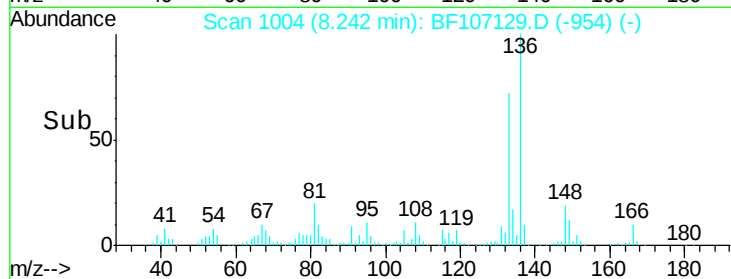
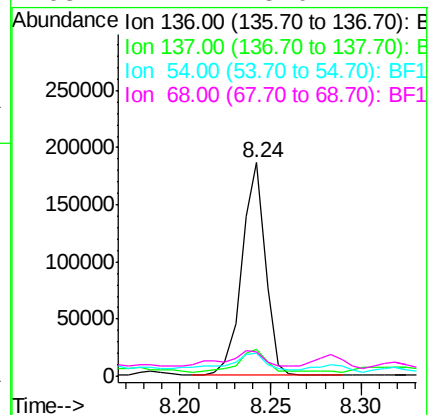
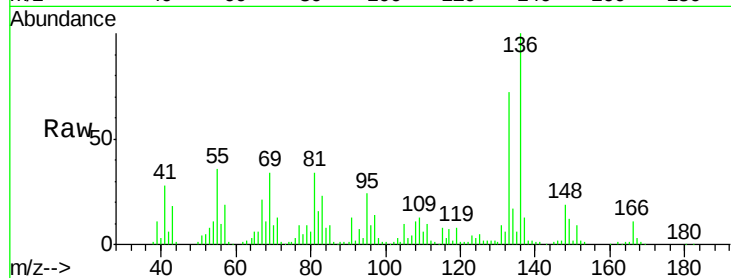




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

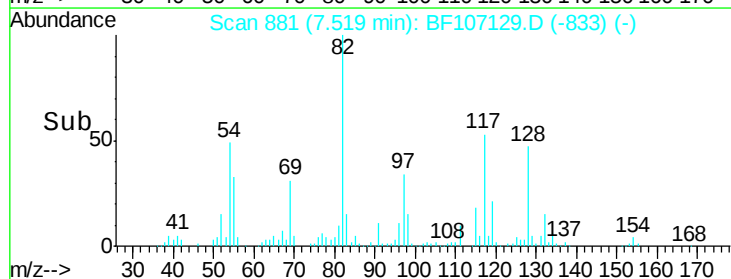
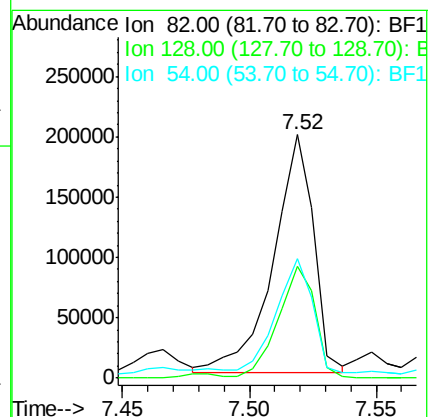
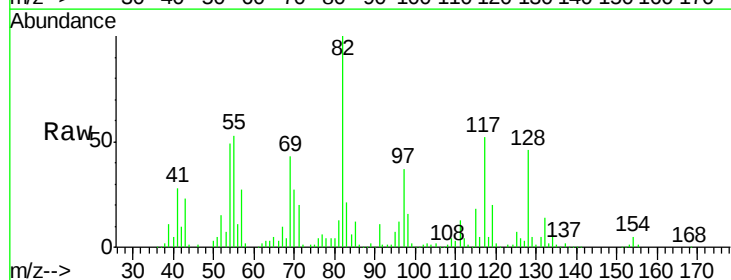
Instrument :
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ClientSampled :
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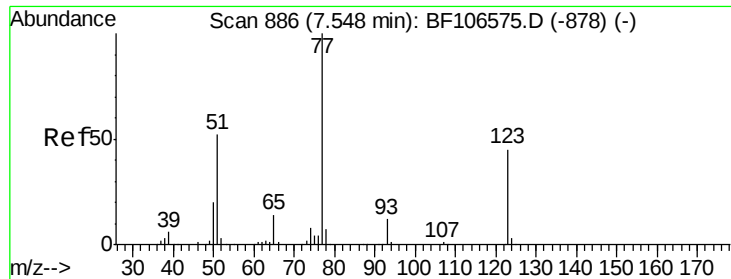
Tgt Ion:	136	Resp:	167125
Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	10.6	6.6	9.8#
68	11.2	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 72.919 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

Tgt Ion:	82	Resp:	219287
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	48.9	41.4	62.2

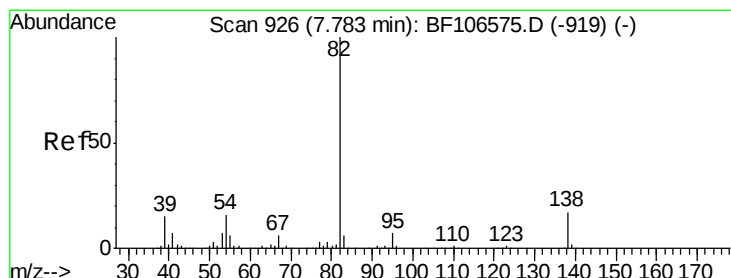
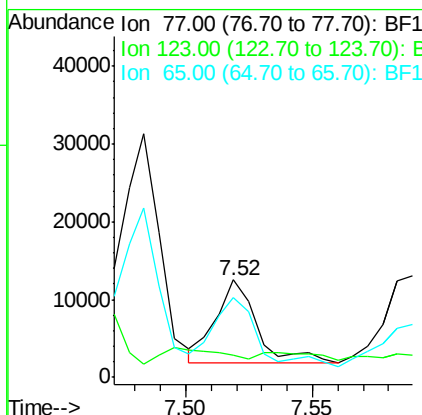
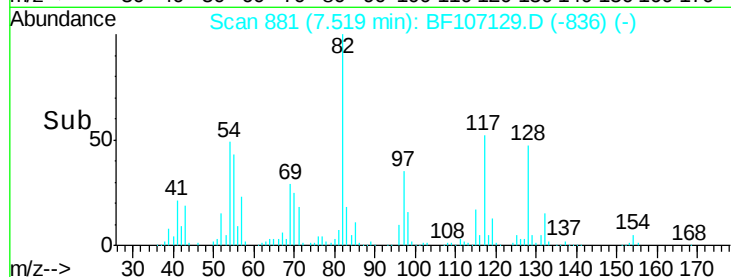
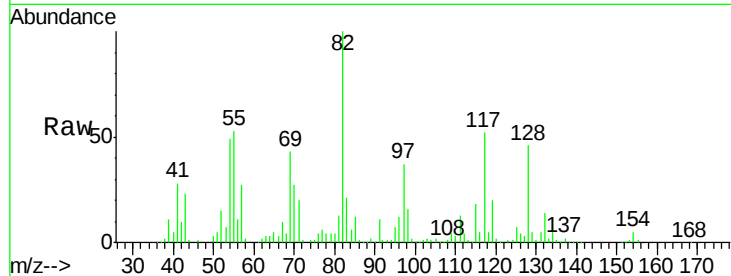




#24
Nitrobenzene
Concen: 3.964 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.04 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

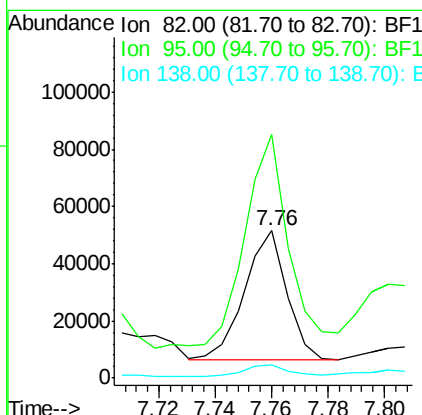
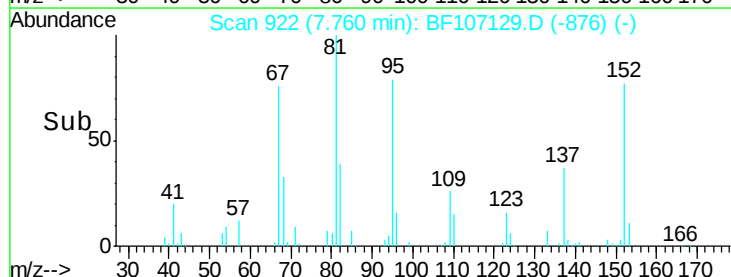
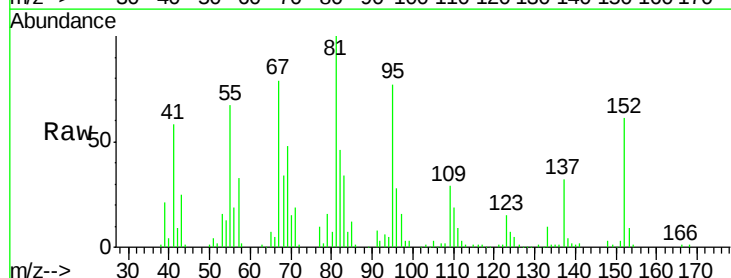
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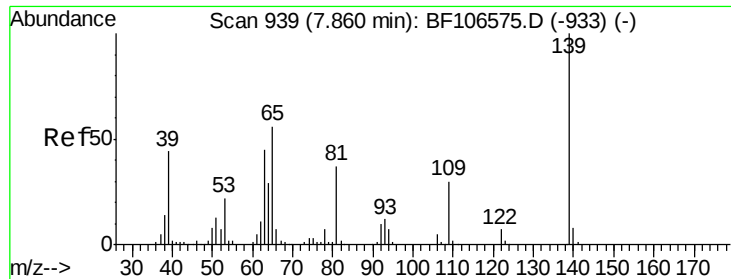
Tgt Ion: 77 Resp: 12171
Ion Ratio Lower Upper
77 100
123 22.3 37.9 56.9#
65 82.0 11.0 16.4#



#25
Isophorone
Concen: 8.842 ng
RT: 7.76 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

Tgt Ion: 82 Resp: 46858
Ion Ratio Lower Upper
82 100
95 165.5 5.2 7.8#
138 8.7 14.9 22.3#

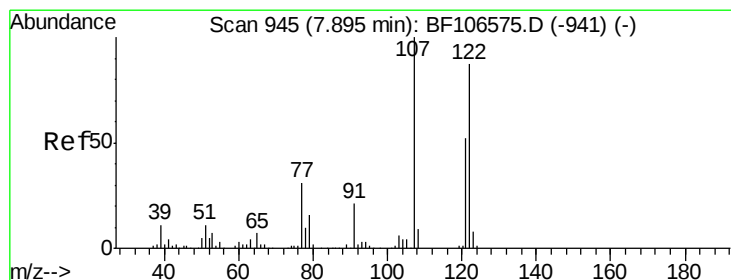
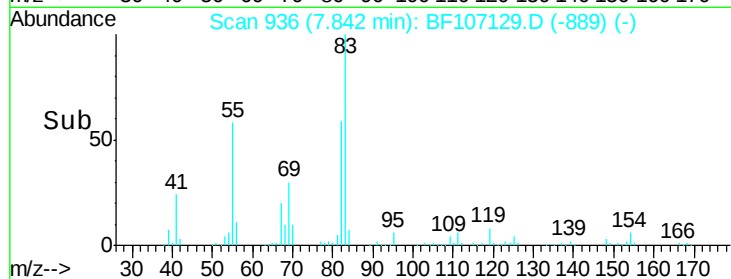
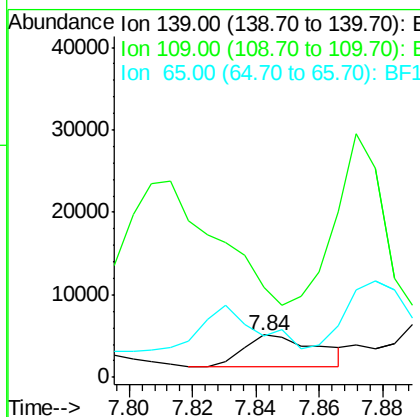
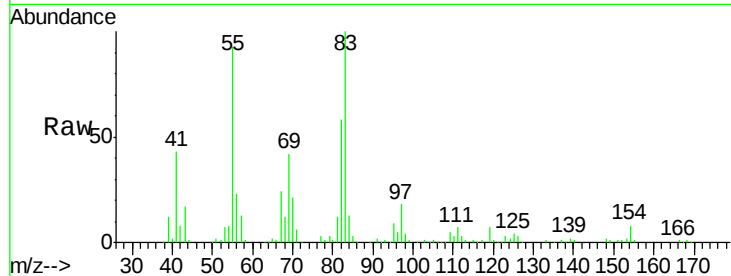




#26
 2-Nitrophenol
 Concen: 4.249 ng
 RT: 7.84 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

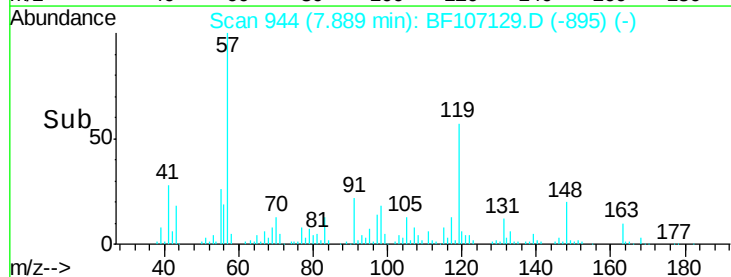
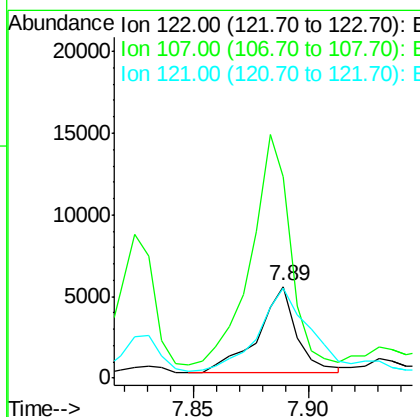
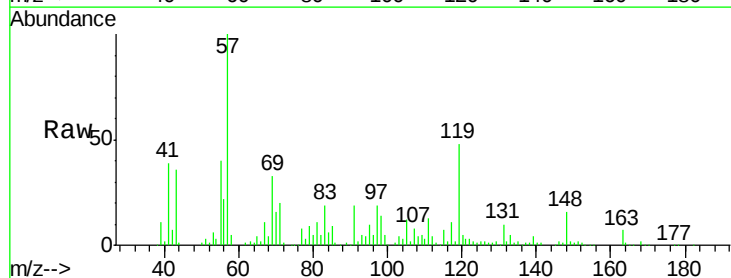
Instrument :
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 ClientSampleId :
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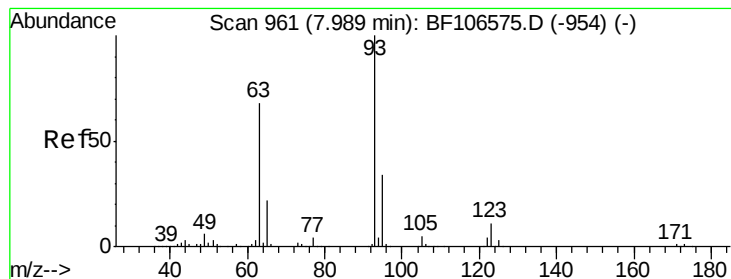
Tgt Ion:139 Resp: 6158
 Ion Ratio Lower Upper
 139 100
 109 214.3 22.7 34.1#
 65 99.2 40.5 60.7#



#27
 2,4-Dimethylphenol
 Concen: 2.805 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

Tgt Ion:122 Resp: 6285
 Ion Ratio Lower Upper
 122 100
 107 220.5 91.2 136.8#
 121 98.2 47.2 70.8#





#28

bis(2-Chloroethoxy)methane

Concen: 2.158 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

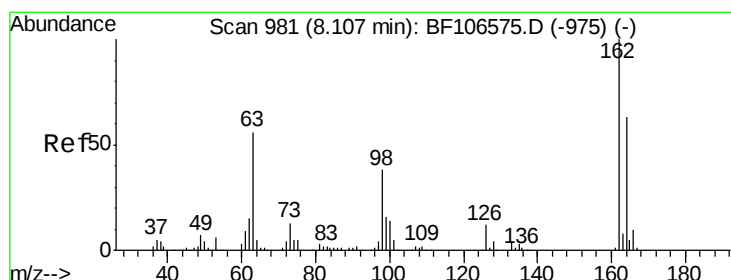
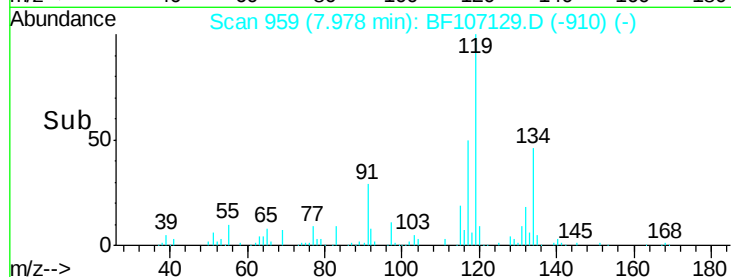
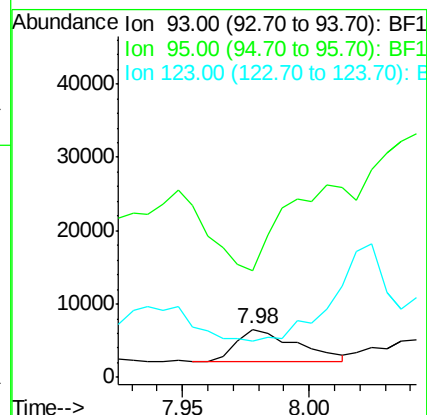
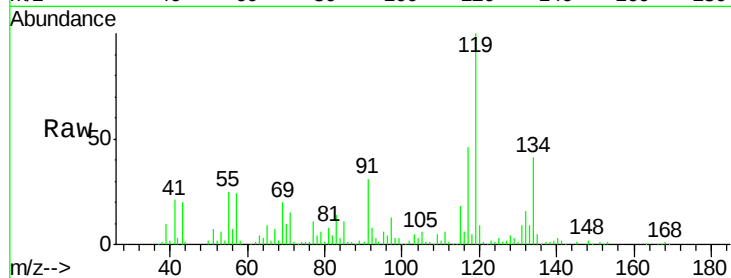
Tgt Ion: 93 Resp: 7678

Ion Ratio Lower Upper

93 100

95 222.1 26.3 39.5#

123 75.7 9.8 14.6#



#29

2,4-Dichlorophenol

Concen: 3.860 ng

RT: 8.13 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

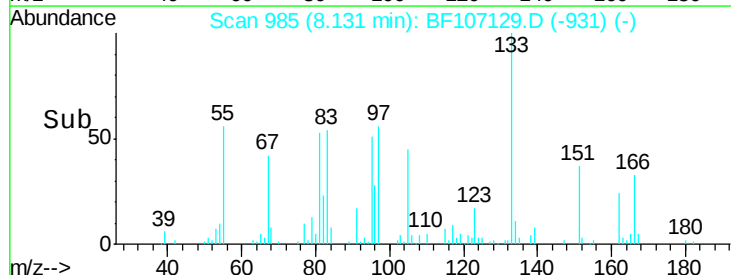
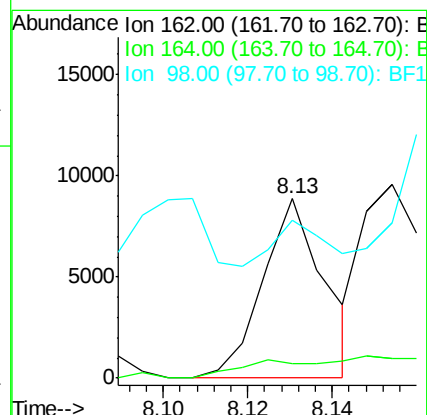
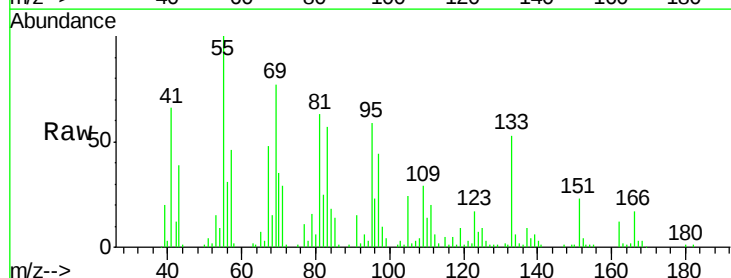
Tgt Ion: 162 Resp: 9053

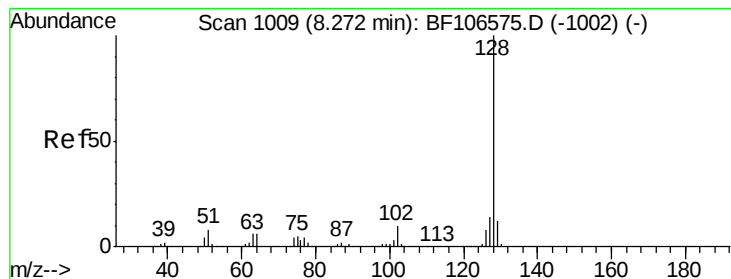
Ion Ratio Lower Upper

162 100

164 8.4 42.7 82.7#

98 88.2 18.1 58.1#





#31

Naphthalene

Concen: 5.445 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

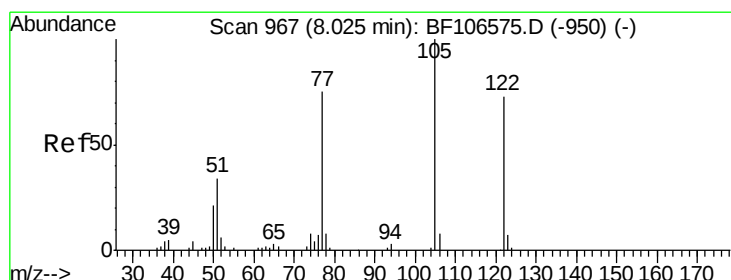
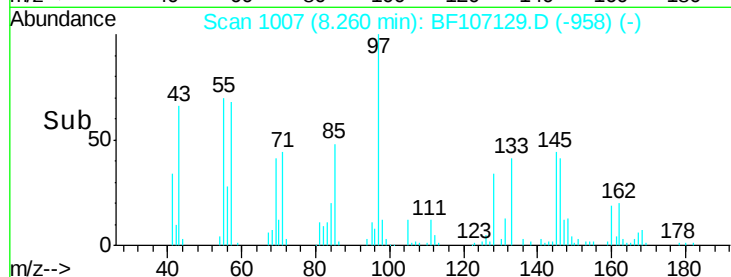
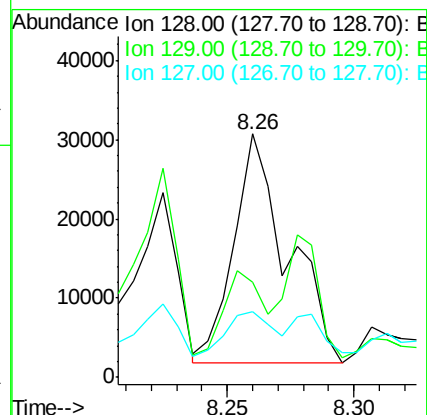
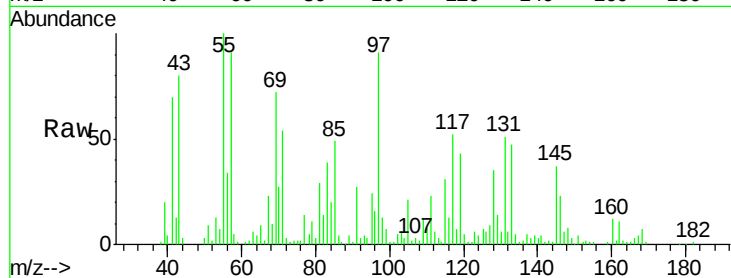
Tgt Ion:128 Resp: 42546

Ion Ratio Lower Upper

128 100

129 39.2 8.8 13.2#

127 26.8 10.9 16.3#



#32

Benzoic acid

Concen: 9.090 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

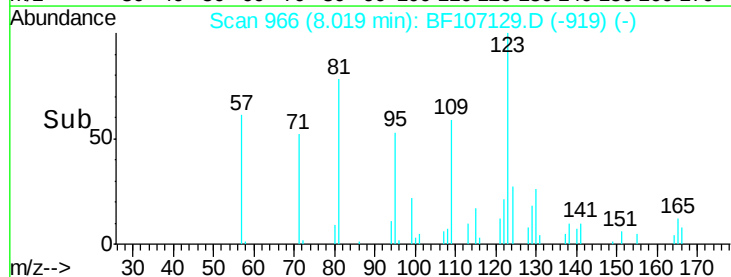
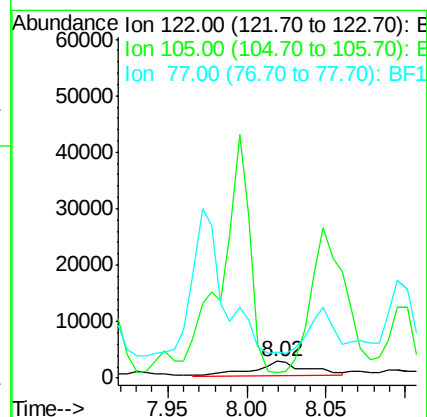
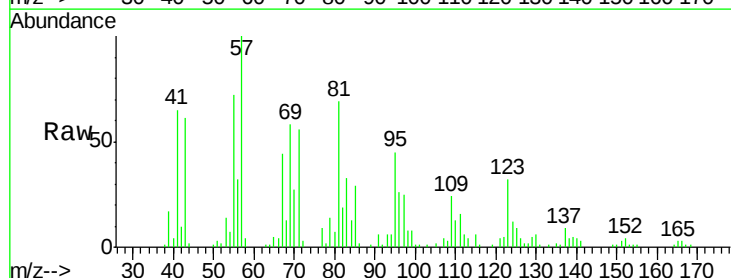
Tgt Ion:122 Resp: 6215

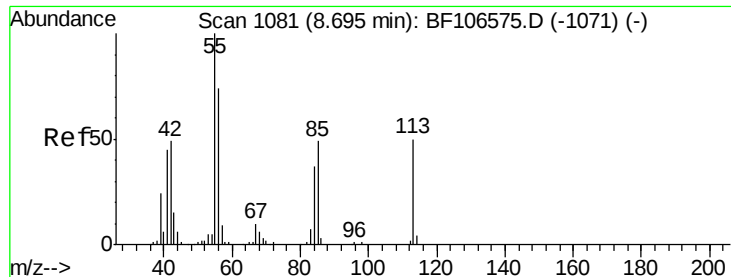
Ion Ratio Lower Upper

122 100

105 30.2 101.1 141.1#

77 155.0 70.7 110.7#

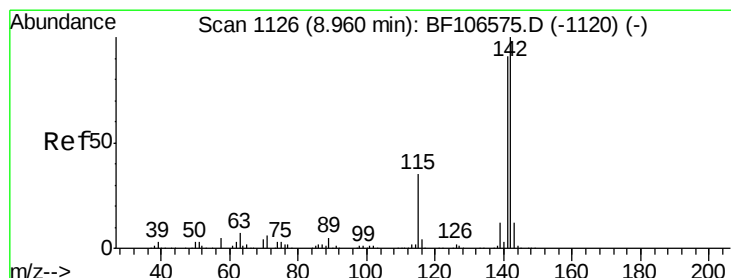
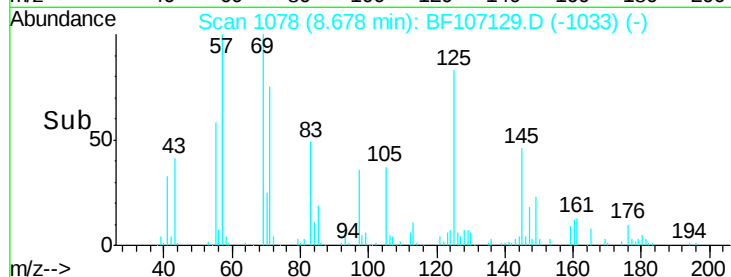
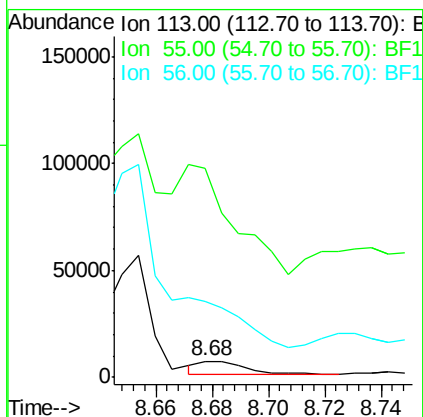
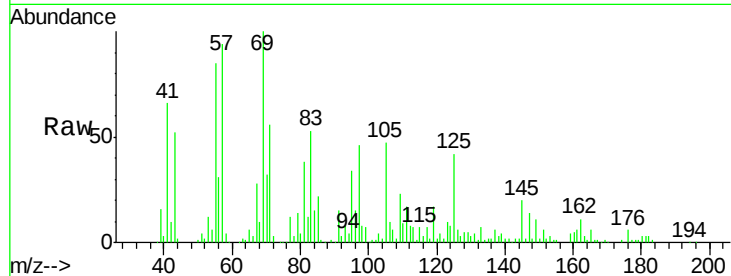




#35
 Caprolactam
 Concen: 9.450 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

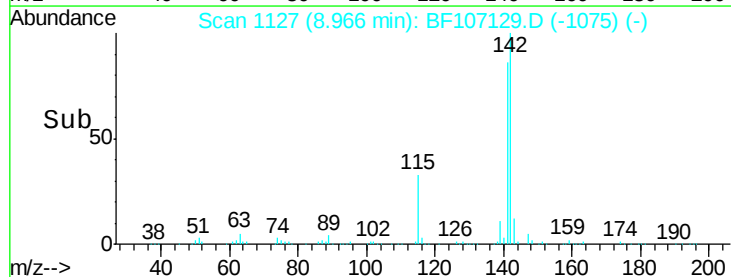
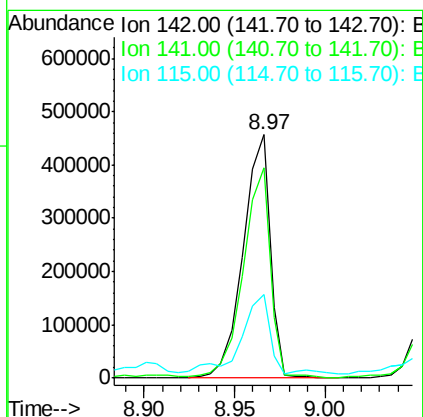
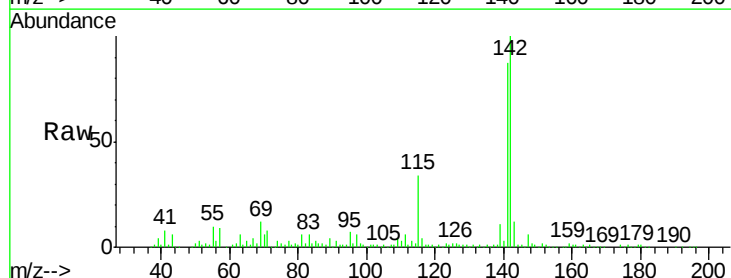
Instrument :
 BNA_F
 ClientSampleId :
 B-7

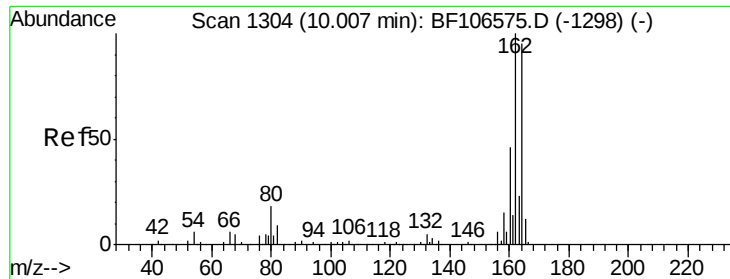
Tgt Ion:113 Resp: 7225
 Ion Ratio Lower Upper
 113 100
 55 1284.5 163.3 203.3#
 56 468.9 115.7 155.7#



#37
 2-Methylnaphthalene
 Concen: 91.308 ng
 RT: 8.97 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

Tgt Ion:142 Resp: 472891
 Ion Ratio Lower Upper
 142 100
 141 86.5 70.8 106.2
 115 34.3 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

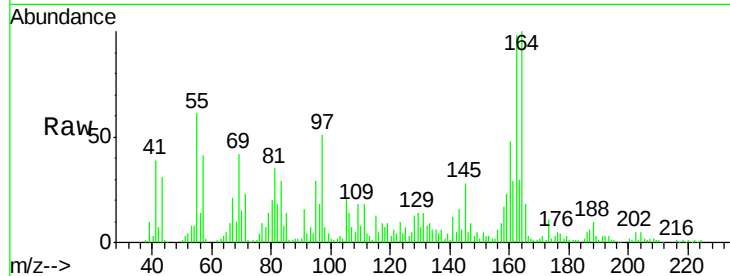
Tgt Ion:164 Resp: 87276

Ion Ratio Lower Upper

164 100

162 98.0 86.1 129.1

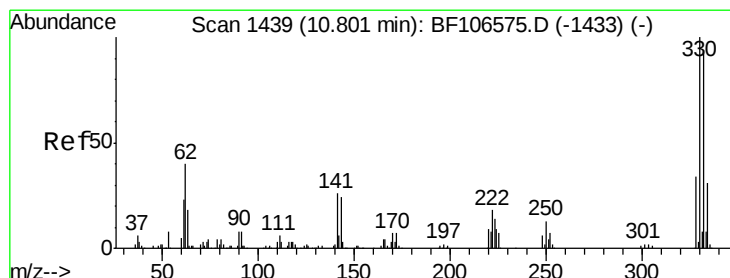
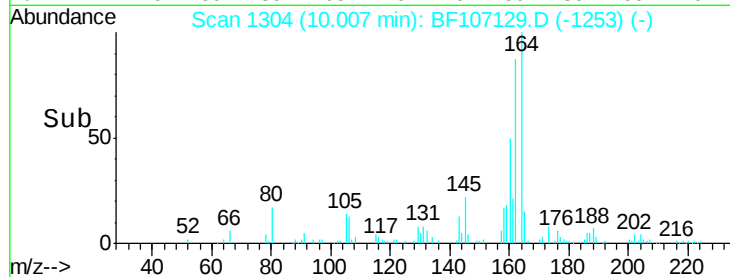
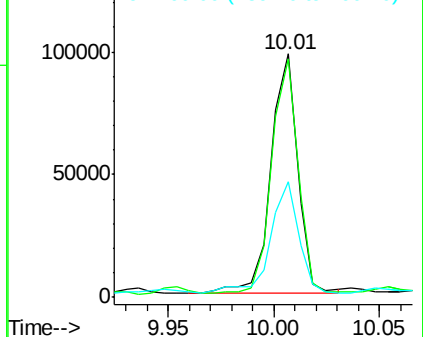
160 47.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 99.290 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

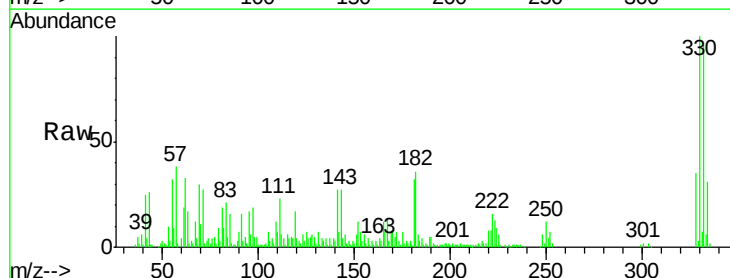
Tgt Ion:330 Resp: 100437

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

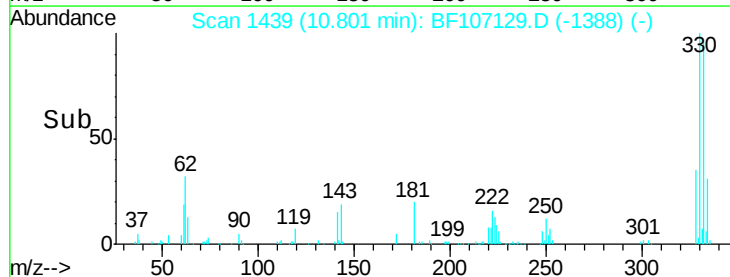
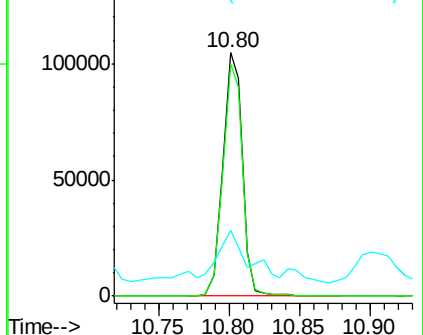
141 37.5 29.9 44.9

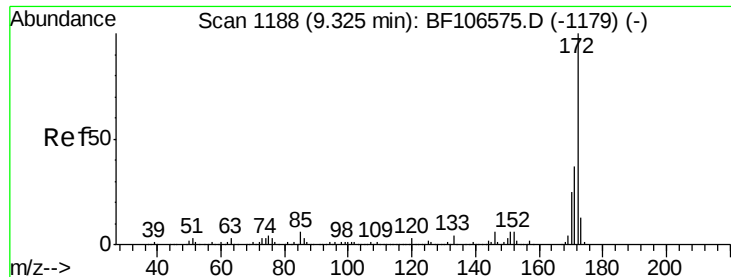


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

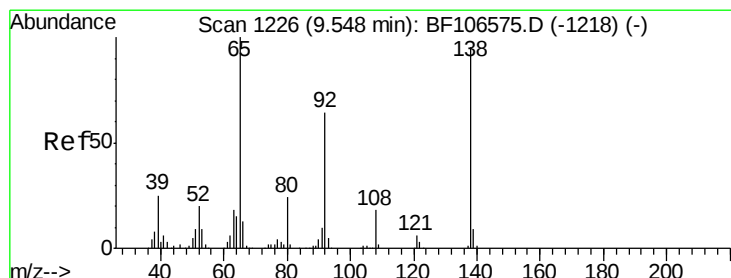
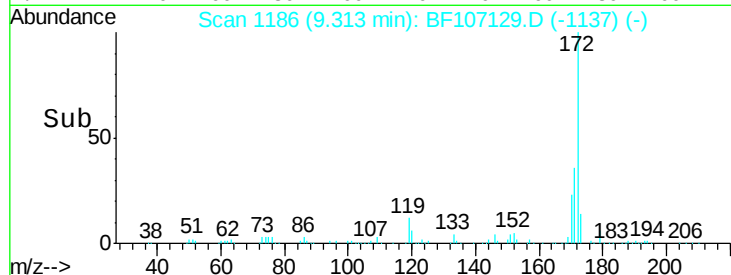
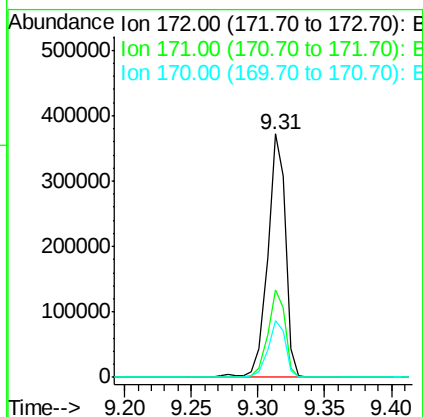
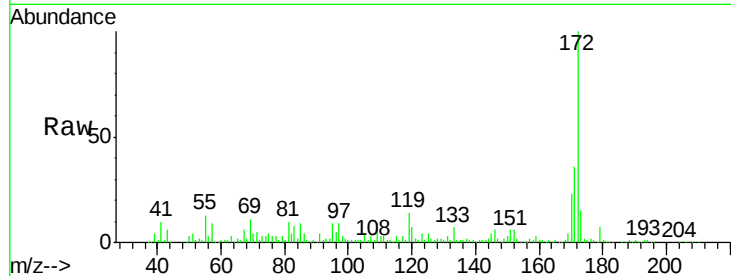




#44
2-Fluorobiphenyl
Concen: 62.985 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

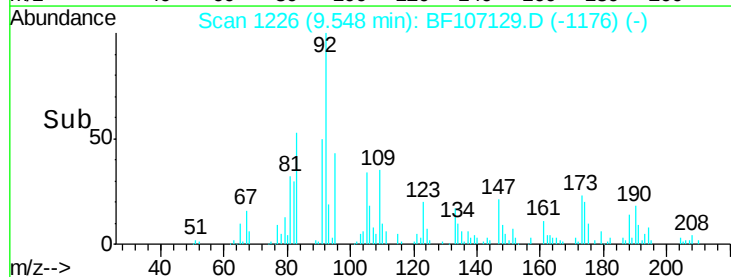
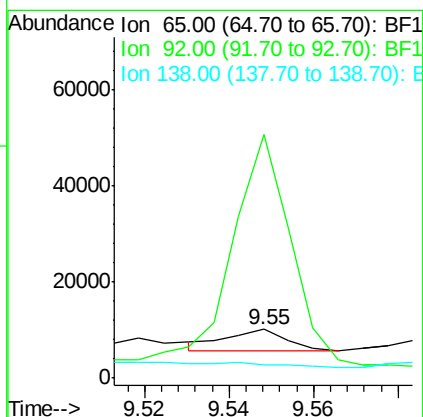
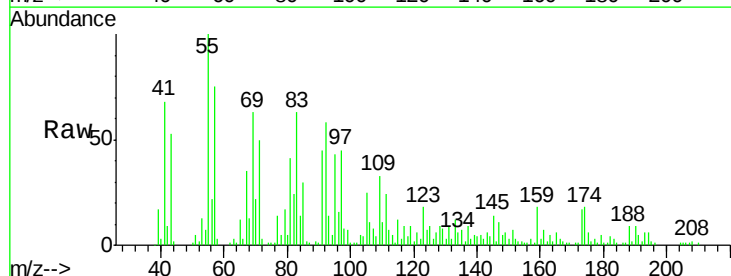
Instrument :
BNA_F
ClientSampled :
B-7

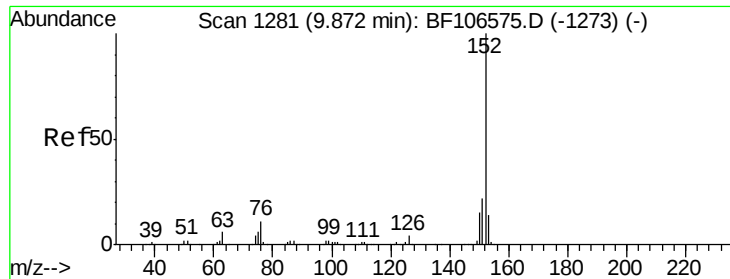
Tgt Ion: 172 Resp: 344464
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.5 19.6 29.4



#47
2-Nitroaniline
Concen: 2.398 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

Tgt Ion: 65 Resp: 4415
Ion Ratio Lower Upper
65 100
92 499.3 55.8 83.6#
138 28.2 91.2 136.8#





#48

Acenaphthylene

Concen: 2.496 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

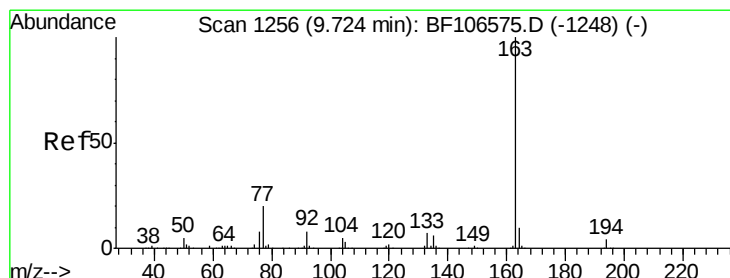
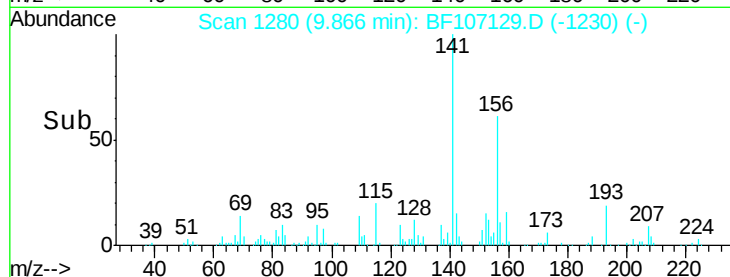
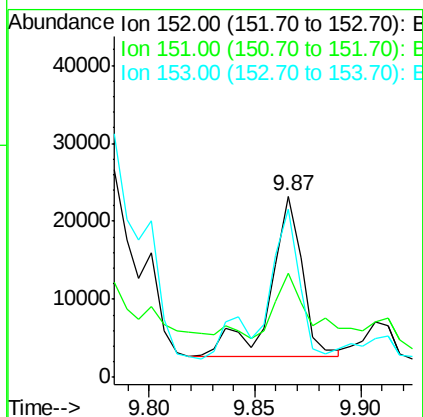
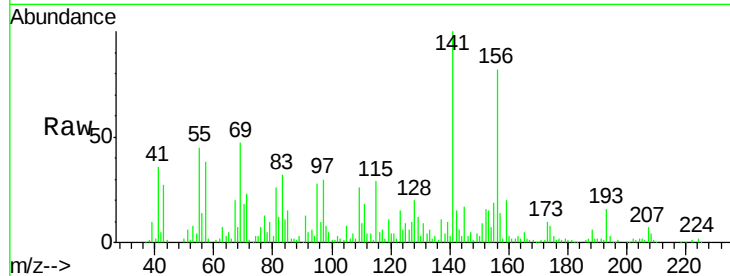
Tgt Ion:152 Resp: 21573

Ion Ratio Lower Upper

152 100

151 57.4 16.3 24.5#

153 92.7 10.7 16.1#



#49

Dimethylphthalate

Concen: 6.081 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

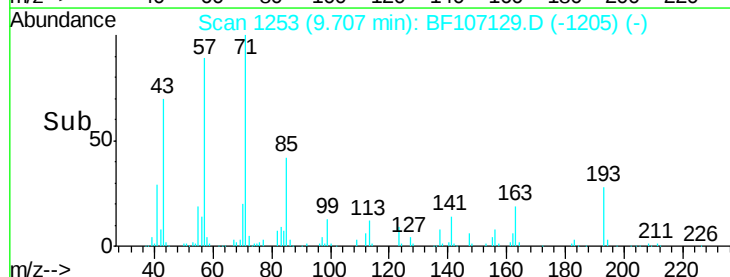
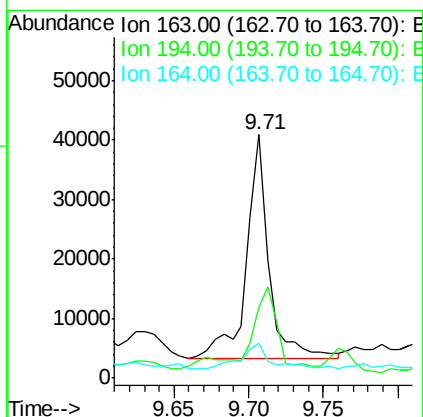
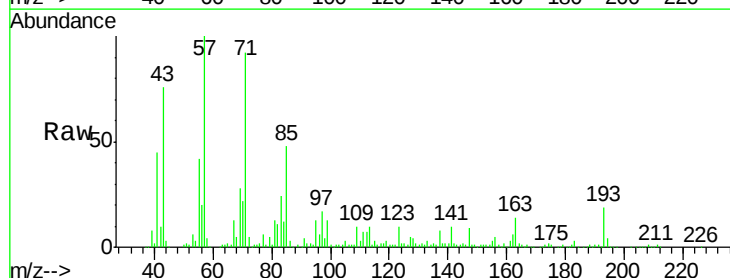
Tgt Ion:163 Resp: 39804

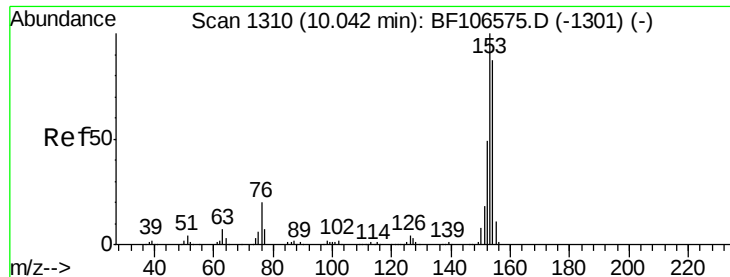
Ion Ratio Lower Upper

163 100

194 29.0 2.7 4.1#

164 14.4 8.2 12.2#





#51

Acenaphthene

Concen: 11.523 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

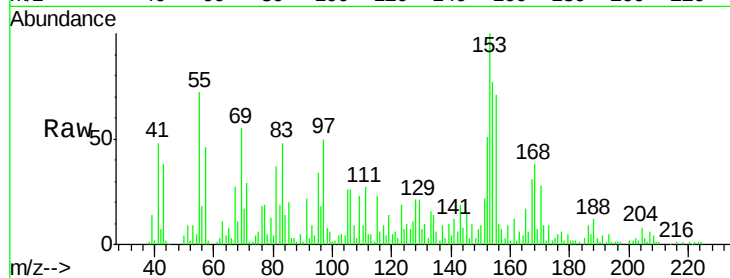
Tgt Ion:154 Resp: 62722

Ion Ratio Lower Upper

154 100

153 129.3 91.2 136.8

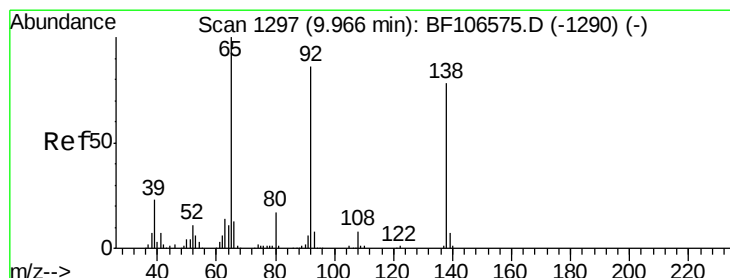
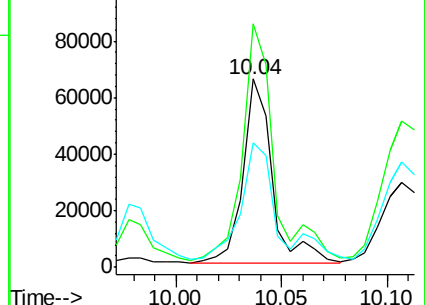
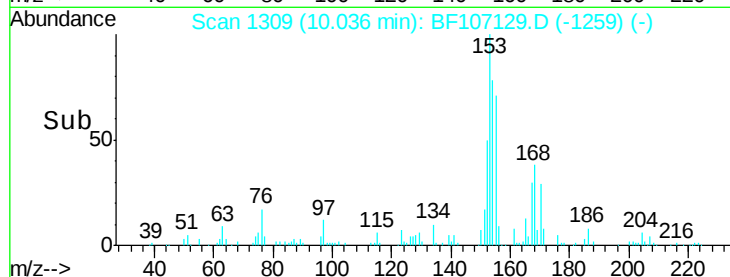
152 66.4 43.8 65.8#



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



#52

3-Nitroaniline

Concen: 2.194 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

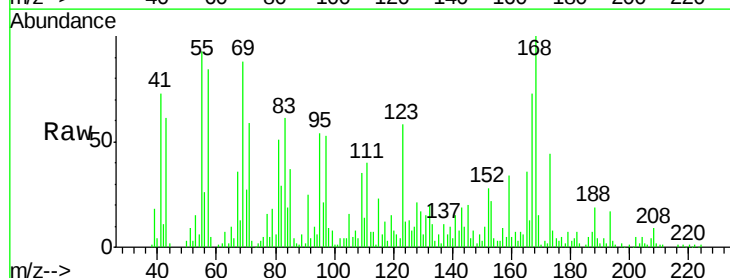
Tgt Ion:138 Resp: 3499

Ion Ratio Lower Upper

138 100

108 66.5 9.4 14.0#

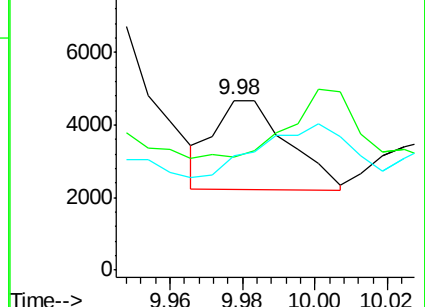
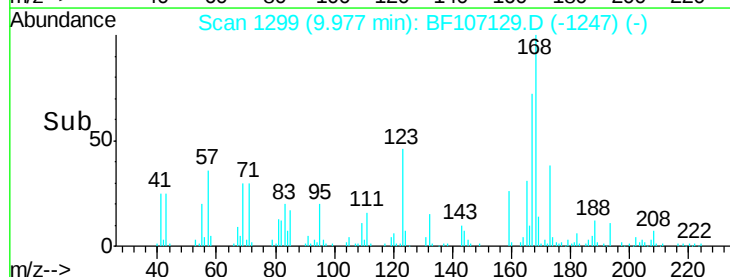
92 66.9 89.4 134.2#

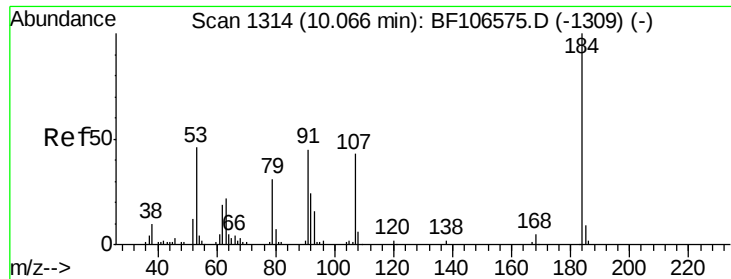


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

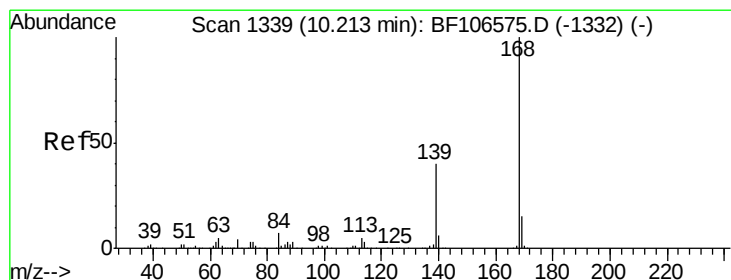
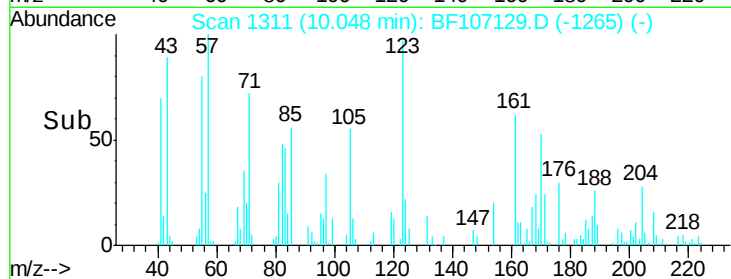
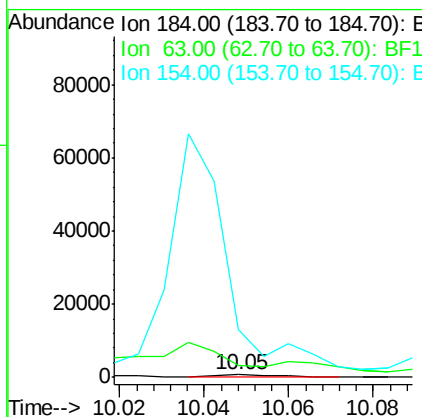
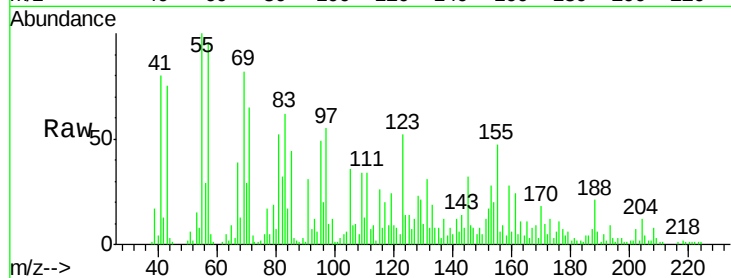




#53
2,4-Dinitrophenol
Concen: 6.251 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

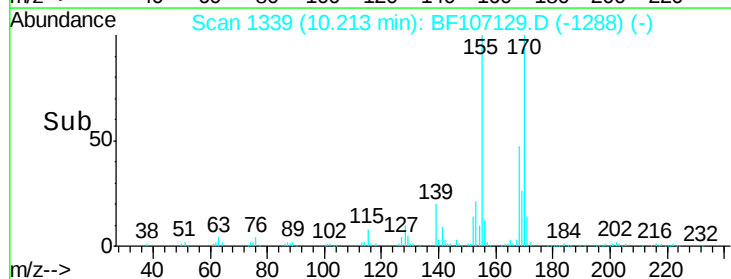
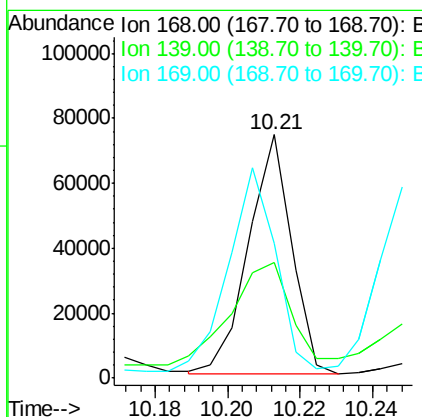
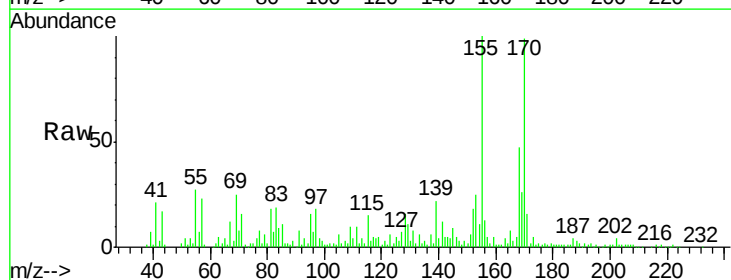
Instrument :
BNA_F
ClientSampled :
B-7

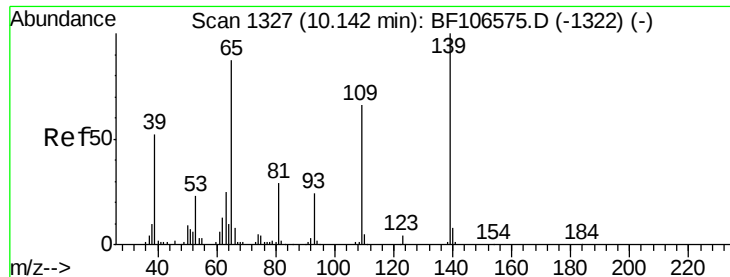
Tgt Ion:184 Resp: 694
Ion Ratio Lower Upper
184 100
63 511.2 54.2 81.2#
154 2060.9 184.0 276.0#



#54
Dibenzofuran
Concen: 8.211 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

Tgt Ion:168 Resp: 61203
Ion Ratio Lower Upper
168 100
139 47.3 30.1 45.1#
169 55.2 10.9 16.3#

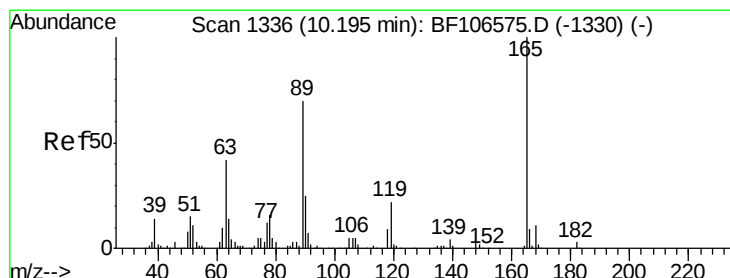
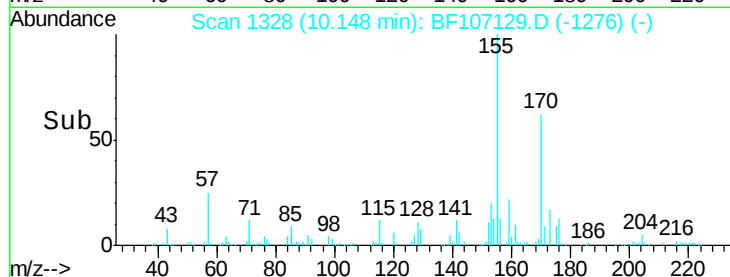
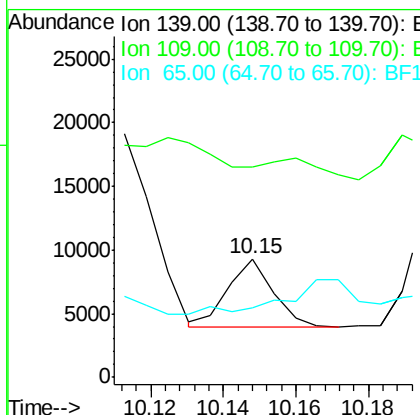
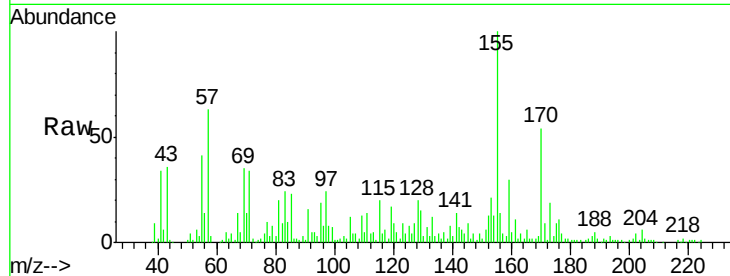




#55
4-Nitrophenol
Concen: 4.222 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

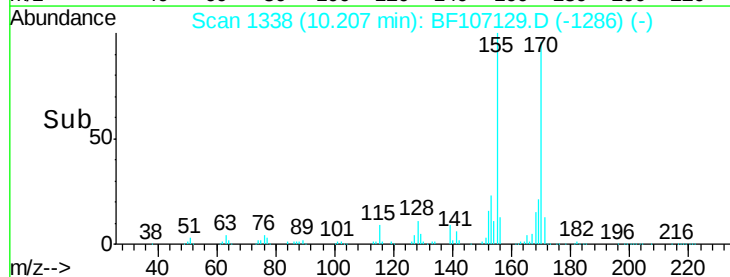
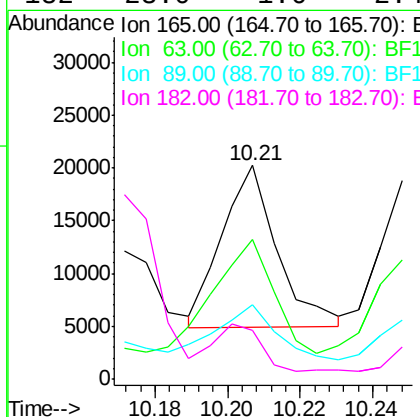
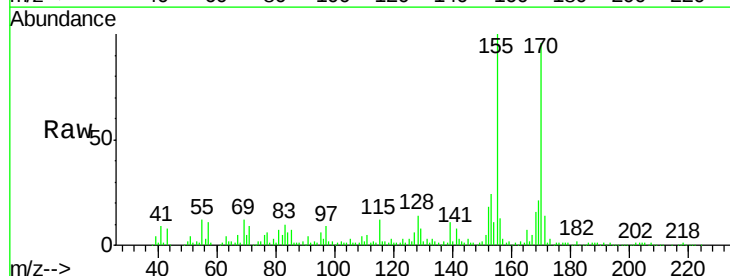
Instrument :
BNA_F
ClientSampled :
B-7

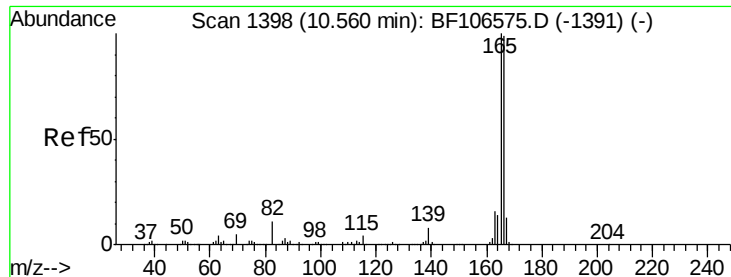
Tgt Ion:139 Resp: 4701
Ion Ratio Lower Upper
139 100
109 177.5 48.4 88.4#
65 58.7 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 8.973 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

Tgt Ion:165 Resp: 16234
Ion Ratio Lower Upper
165 100
63 65.5 36.4 54.6#
89 34.9 57.8 86.6#
182 23.0 1.6 2.4#

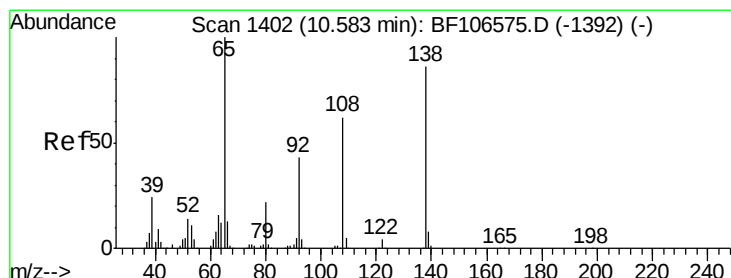
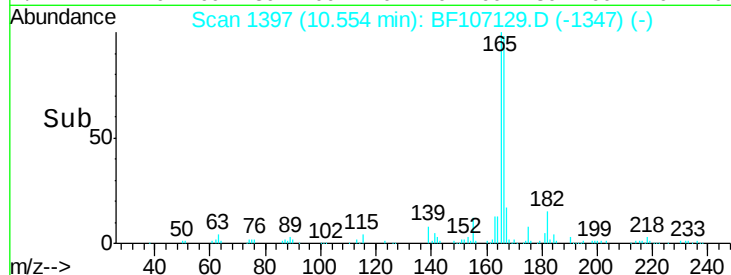
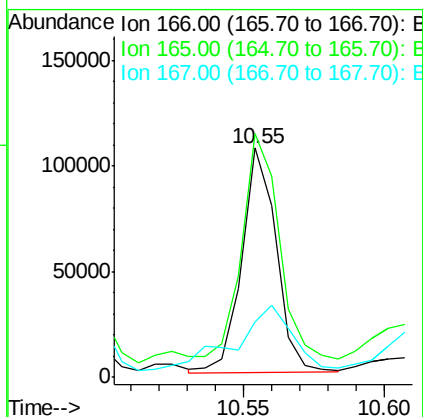
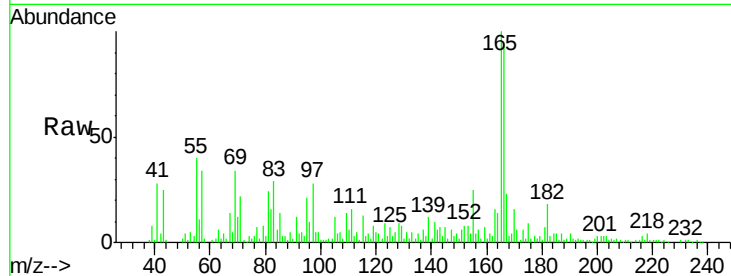




#57
Fluorene
 Concen: 15.276 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

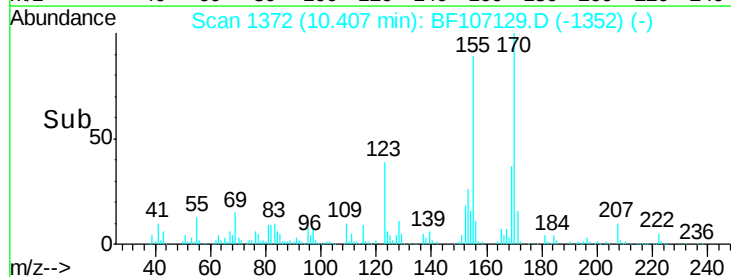
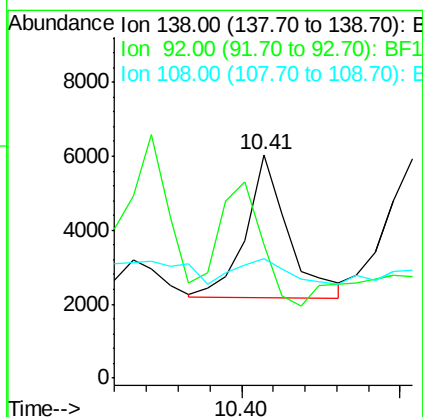
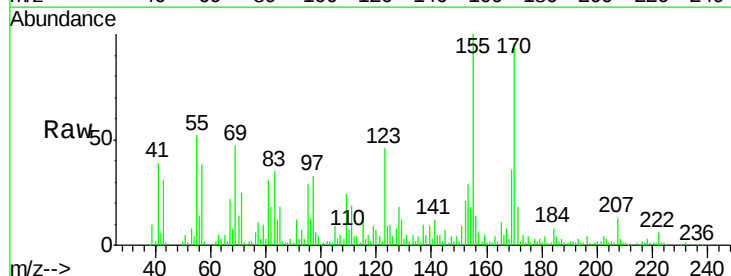
Instrument :
 BNA_F
 ClientSampleId :
 B-7

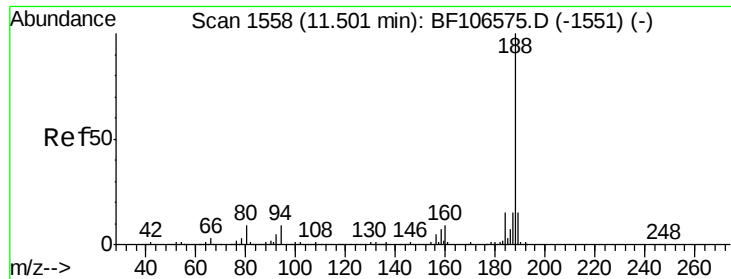
Tgt Ion:166 Resp: 90350
 Ion Ratio Lower Upper
 166 100
 165 106.2 79.8 119.8
 167 24.3 10.6 16.0#



#61
4-Nitroaniline
 Concen: 2.251 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.18 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

Tgt Ion:138 Resp: 3563
 Ion Ratio Lower Upper
 138 100
 92 59.9 30.2 70.2
 108 53.4 52.5 92.5

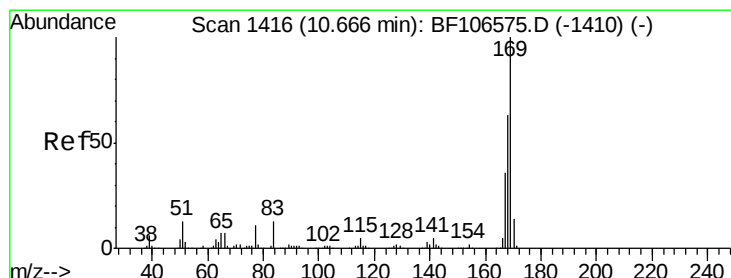
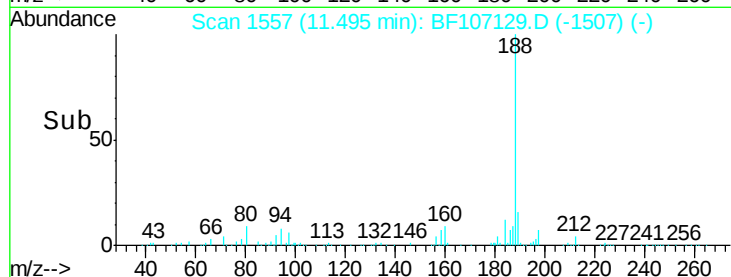
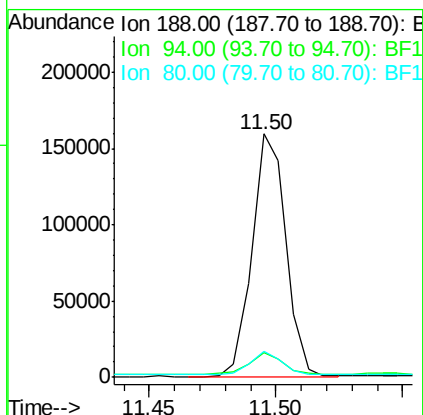
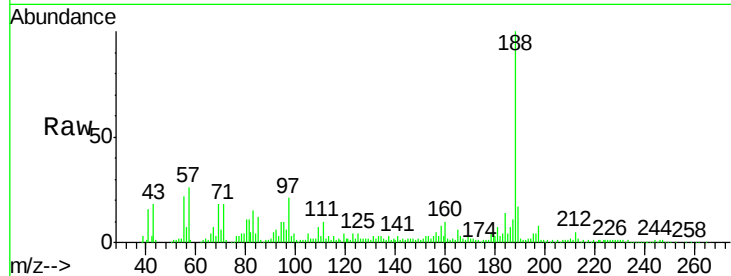




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

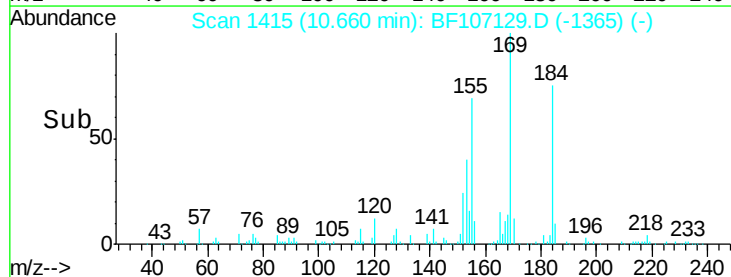
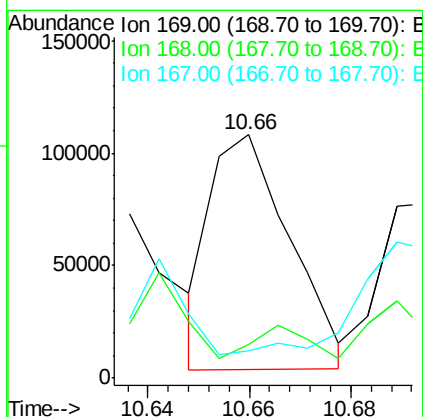
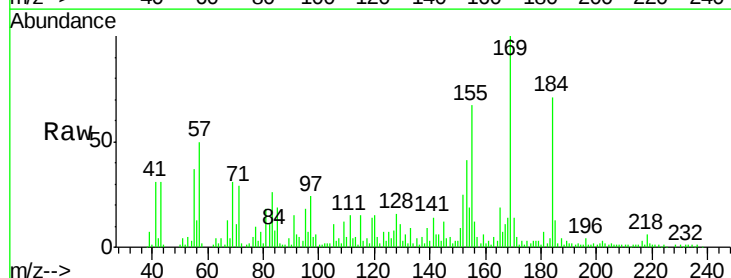
Instrument :
BNA_F
ClientSampleId :
B-7

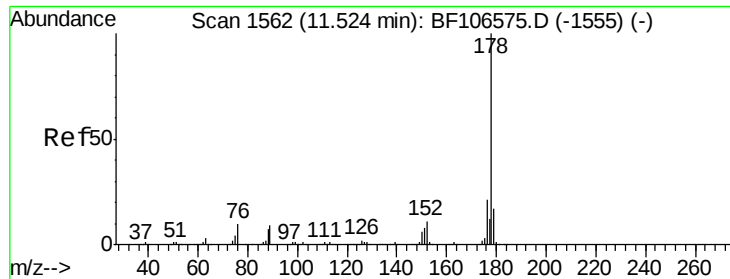
Tgt Ion:188 Resp: 147044
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.6 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 22.973 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

Tgt Ion:169 Resp: 113620
Ion Ratio Lower Upper
169 100
168 14.0 54.4 81.6#
167 11.5 29.8 44.6#





#70

Phenanthrene

Concen: 53.163 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

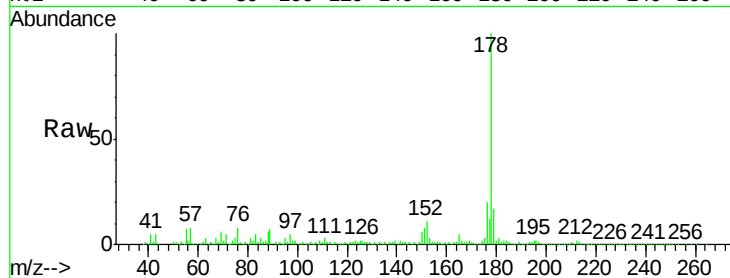
Tgt Ion:178 Resp: 377047

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

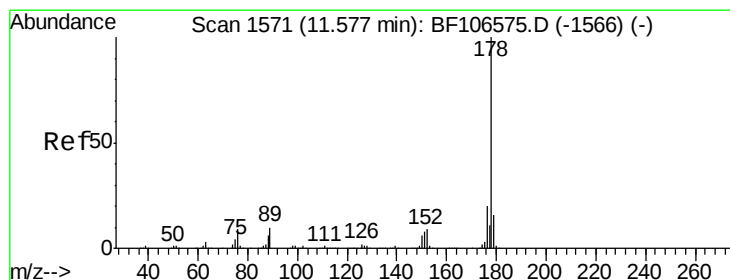
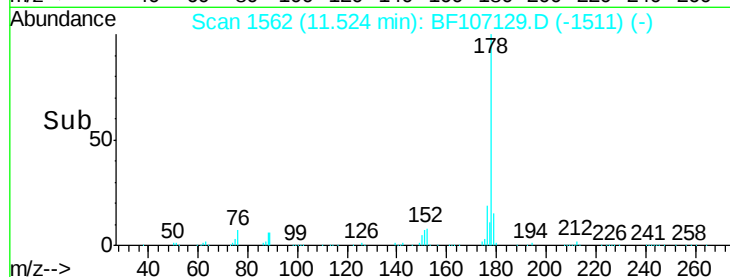
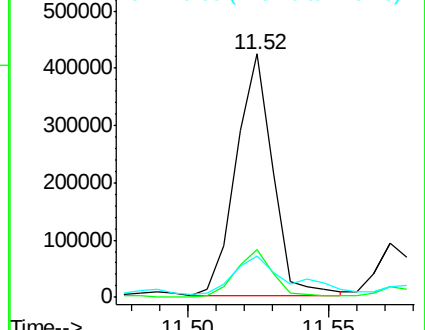
179 16.8 13.0 19.6



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



#71

Anthracene

Concen: 52.085 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.05 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

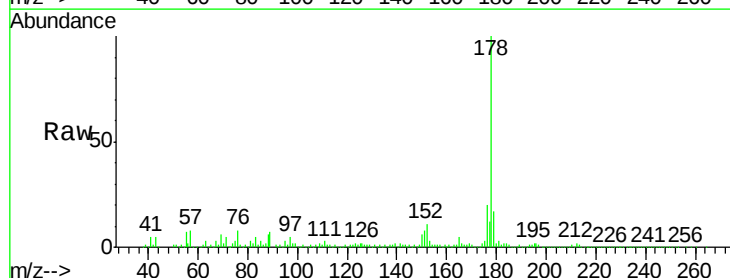
Tgt Ion:178 Resp: 377047

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

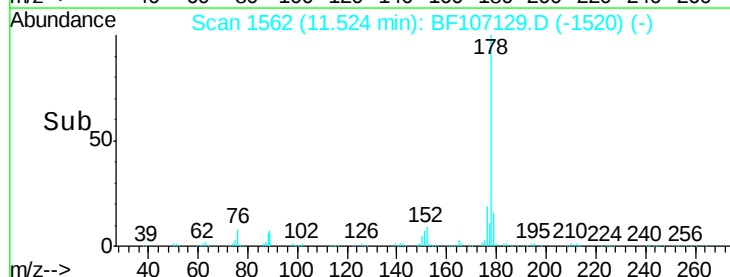
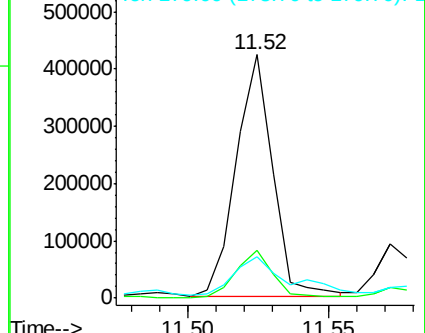
179 16.8 12.6 19.0

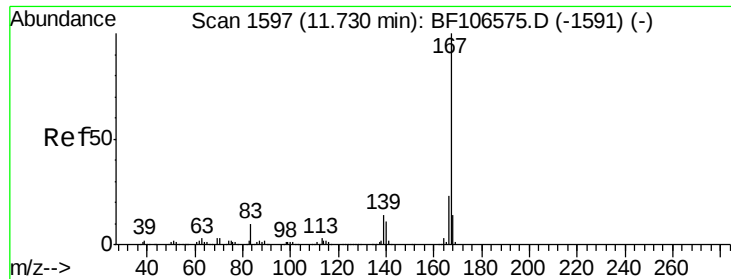


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.680 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

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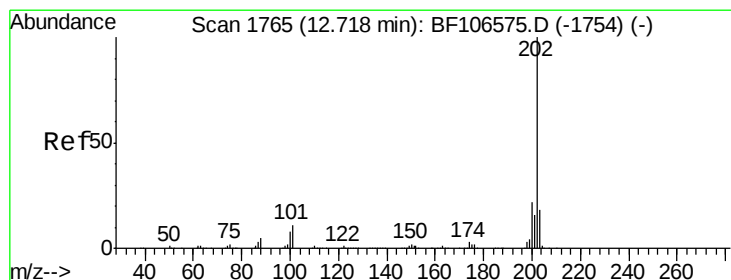
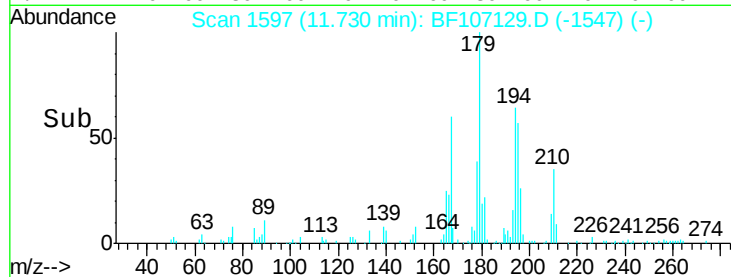
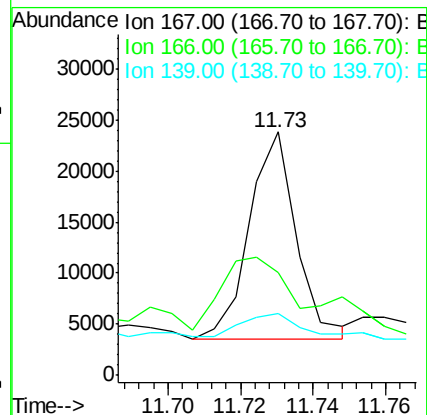
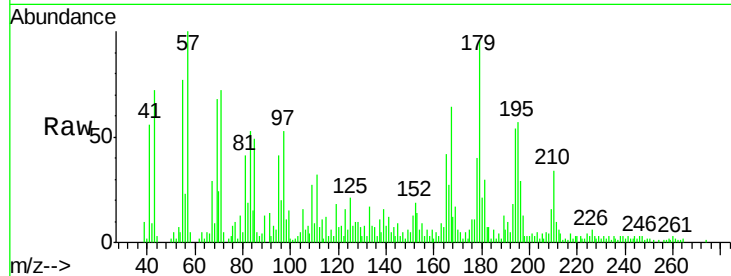
Tgt Ion:167 Resp: 18164

Ion Ratio Lower Upper

167 100

166 42.0 17.6 26.4#

139 25.6 10.9 16.3#



#74

Fluoranthene

Concen: 39.796 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

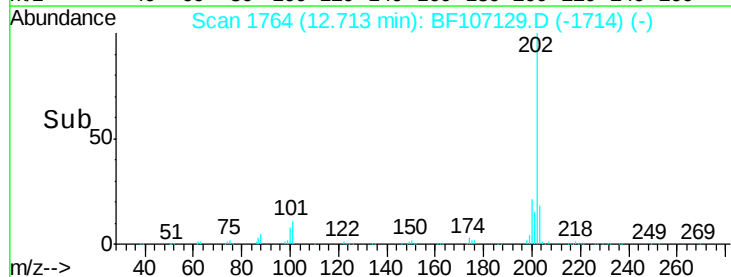
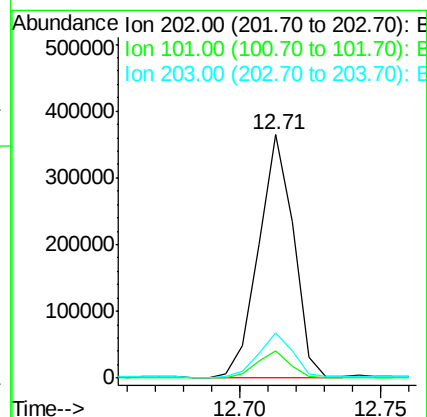
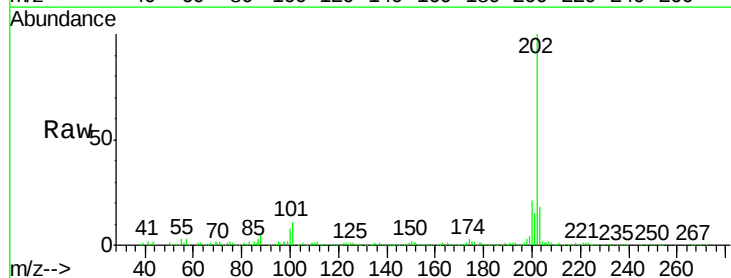
Tgt Ion:202 Resp: 311086

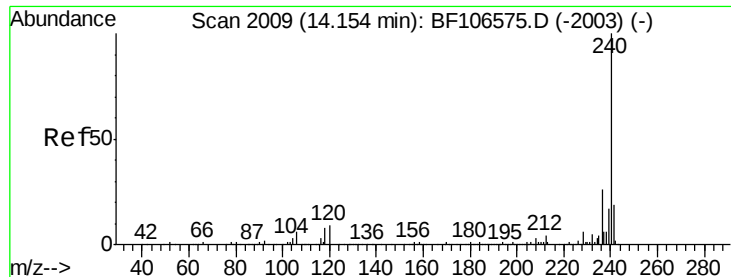
Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

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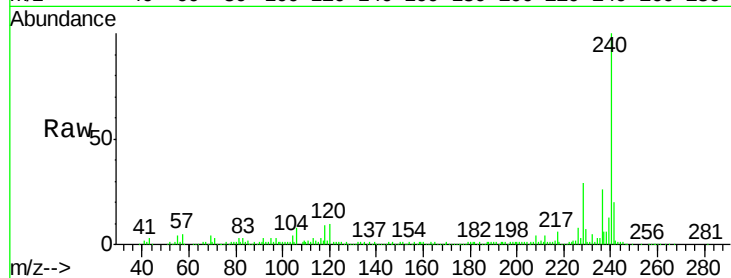
Tgt Ion:240 Resp: 156492

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

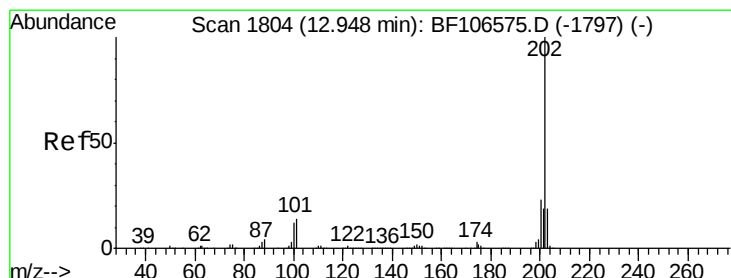
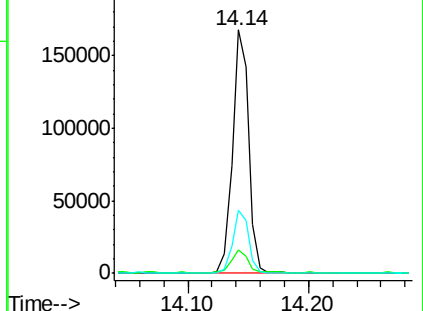
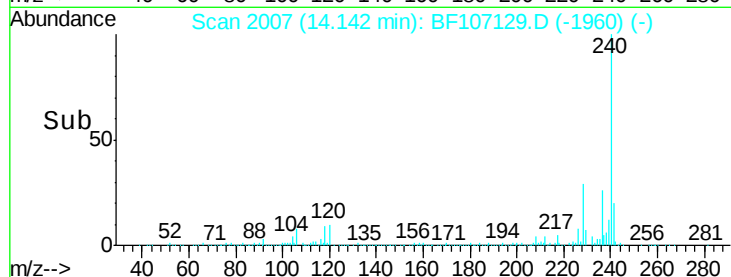
236 25.9 20.7 31.1



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



#77

Pyrene

Concen: 28.976 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

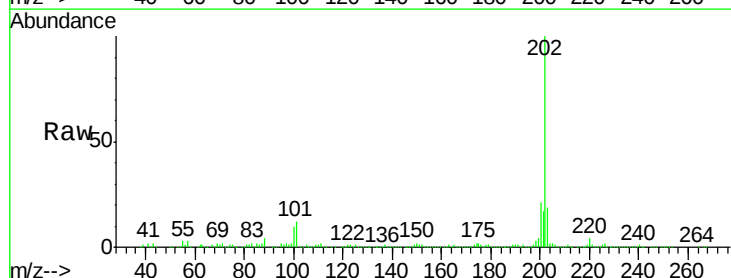
Tgt Ion:202 Resp: 299018

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

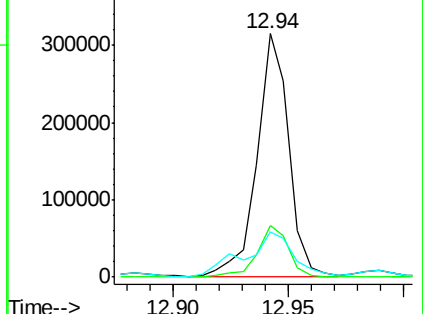
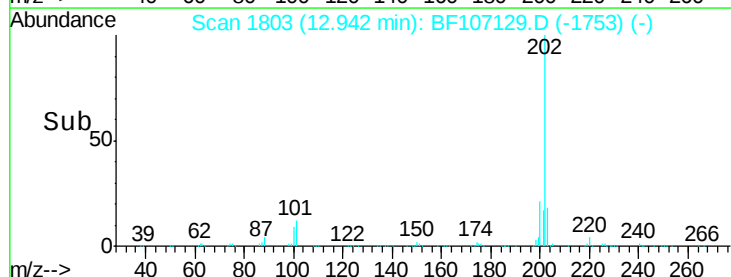
203 18.7 14.3 21.5

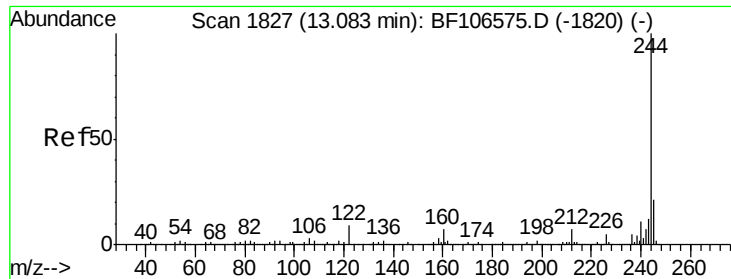


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

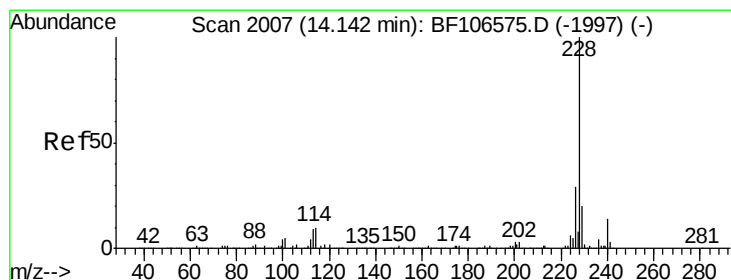
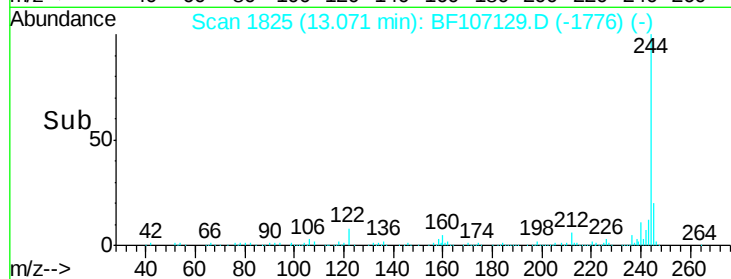
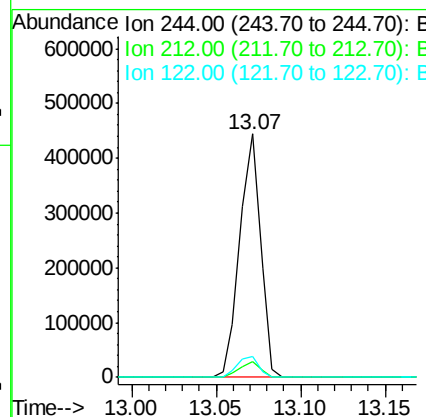
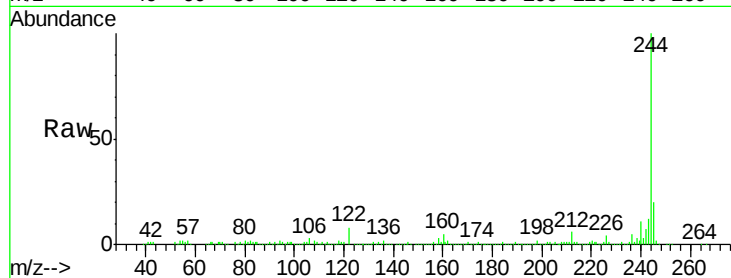




#78
 Terphenyl-d14
 Concen: 59.195 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

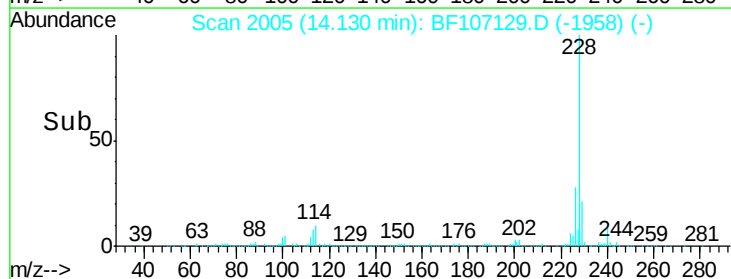
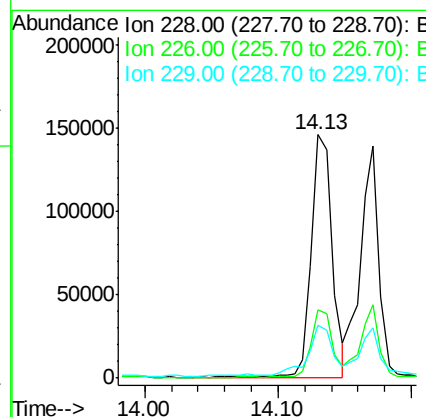
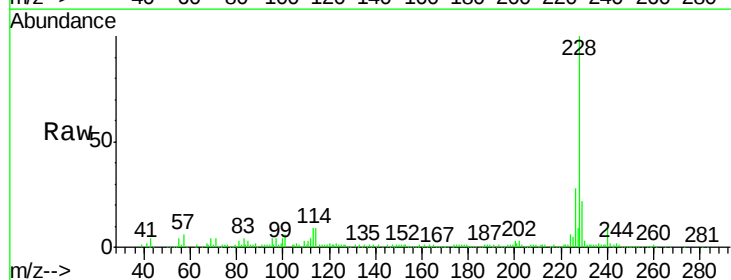
Instrument :
 BNA_F
 ClientSampleId :
 B-7

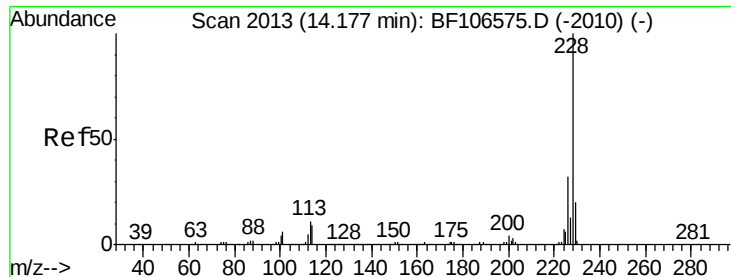
Tgt Ion:244 Resp: 382428
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.4 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 16.160 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF107129.D
 Acq: 5 Jul 2018 16:19

Tgt Ion:228 Resp: 154134
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.6 33.8
 229 22.0 15.8 23.6





#82

Chrysene

Concen: 15.456 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

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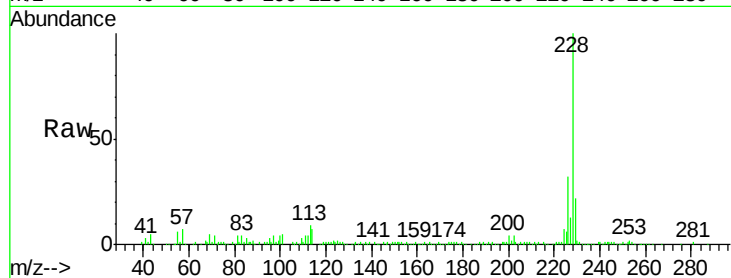
Tgt Ion:228 Resp: 135622

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

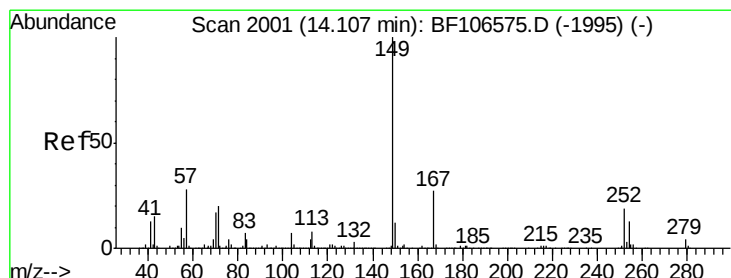
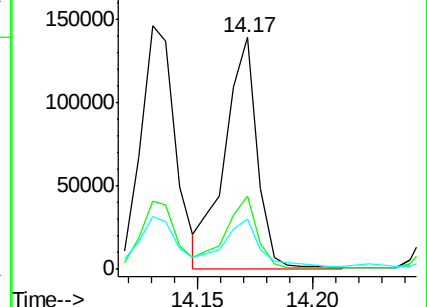
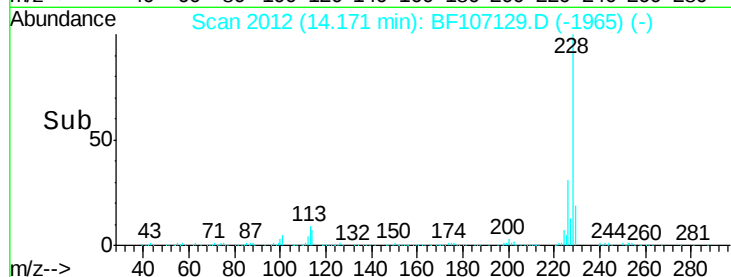
229 21.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.058 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

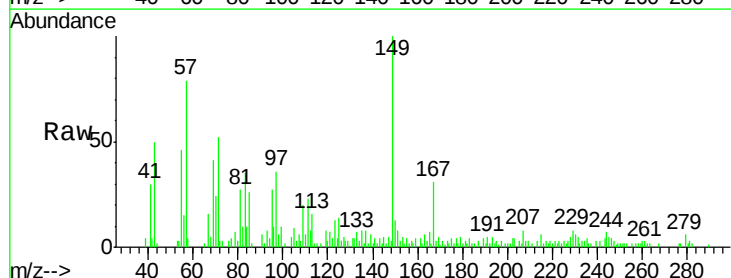
Tgt Ion:149 Resp: 16587

Ion Ratio Lower Upper

149 100

167 31.2 21.3 31.9

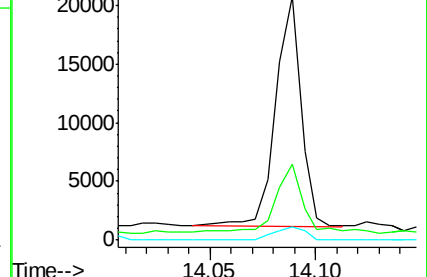
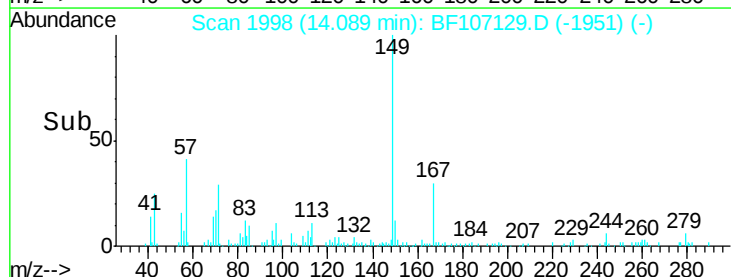
279 5.6 3.0 4.4#

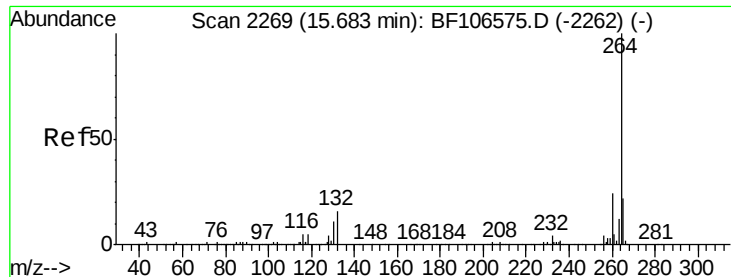


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



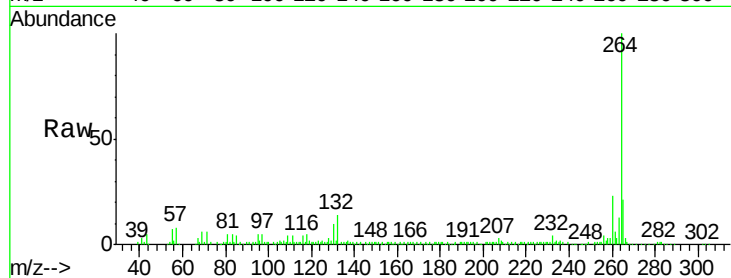


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

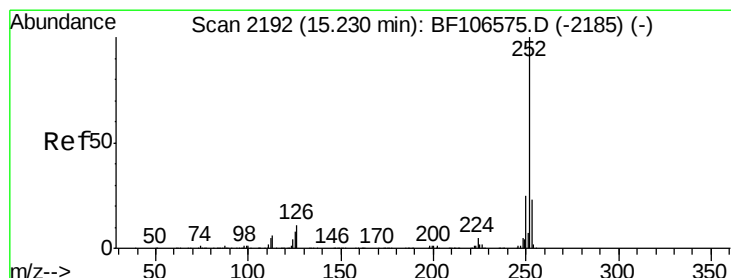
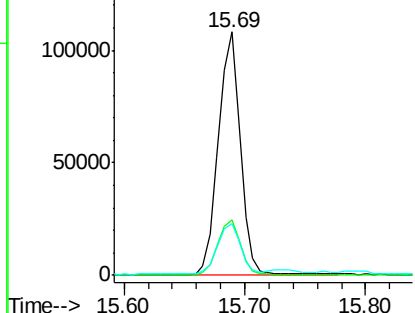
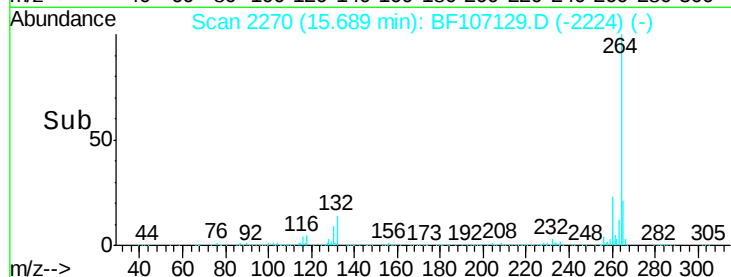
Instrument :
BNA_F
ClientSampleId :
B-7

Tgt Ion:264 Resp: 137796

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	17.5	26.3



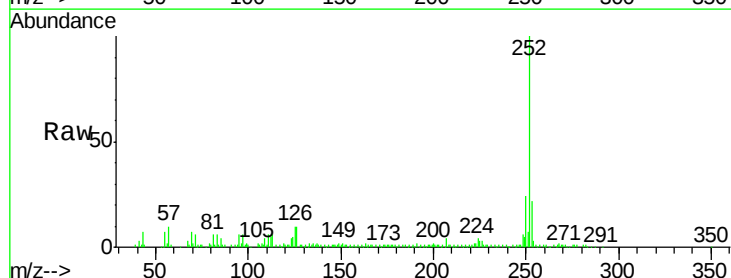
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



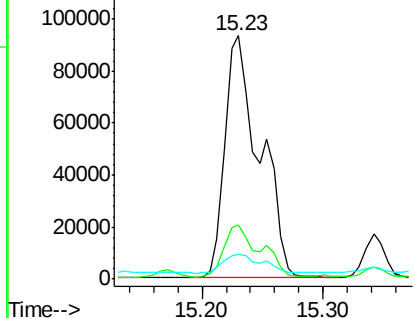
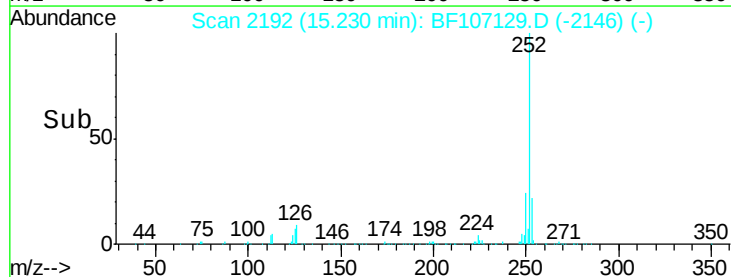
#87
Benzo(b)fluoranthene
Concen: 21.832 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

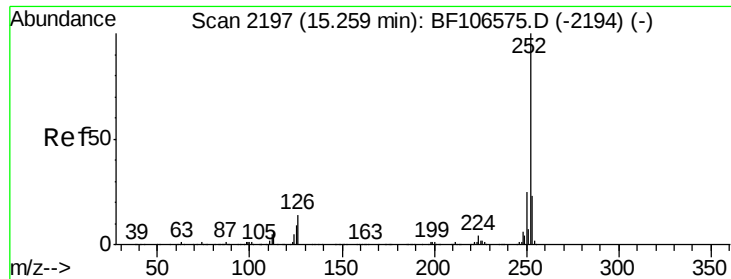
Tgt Ion:252 Resp: 186875

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.0	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

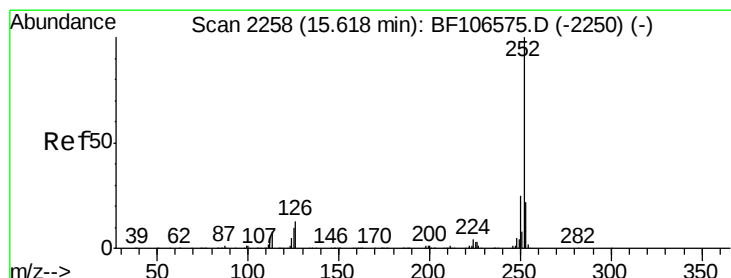
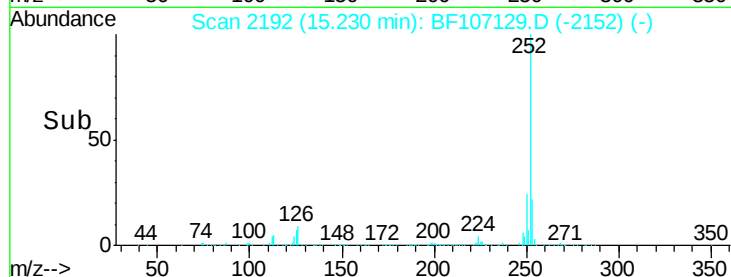
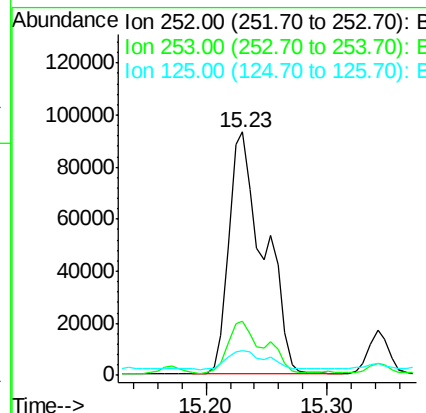
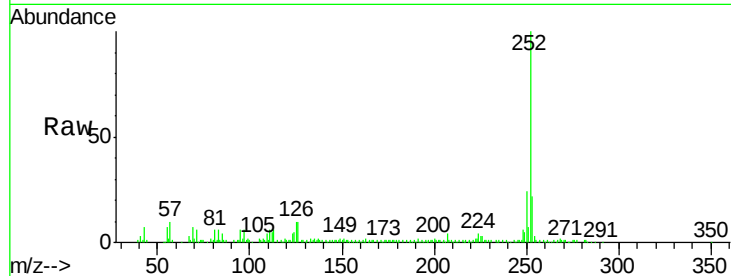




#88
Benzo(k)fluoranthene
Concen: 22.928 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

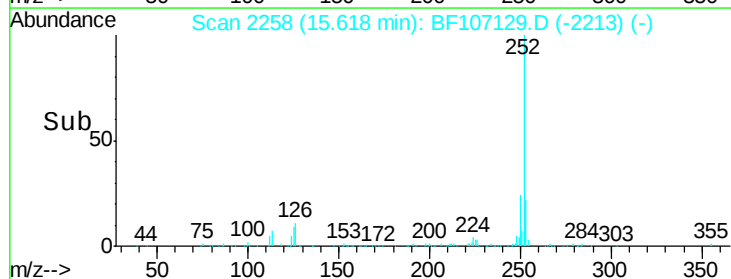
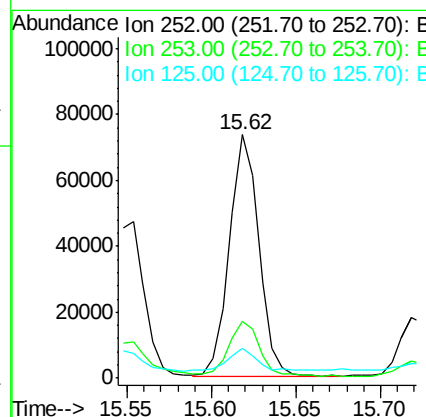
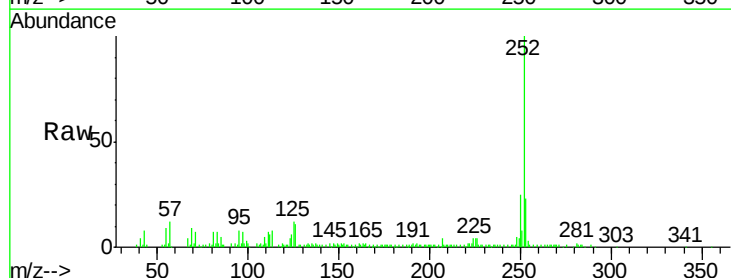
Instrument :
BNA_F
ClientSampleId :
B-7

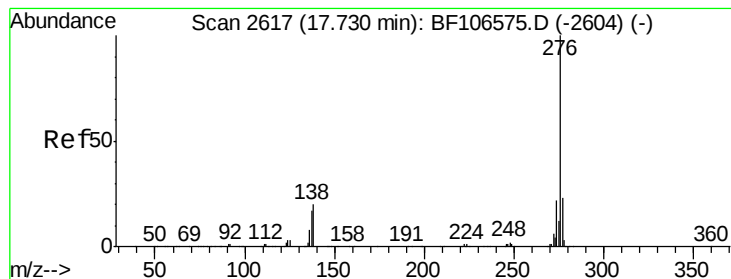
Tgt Ion:252 Resp: 186897
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.0 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 11.780 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107129.D
Acq: 5 Jul 2018 16:19

Tgt Ion:252 Resp: 89641
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 12.1 9.8 14.6





#91

Benzo(g,h,i)perylene

Concen: 4.791 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.04 min

Lab File: BF107129.D

Acq: 5 Jul 2018 16:19

Instrument :

BNA_F

ClientSampleId :

B-7

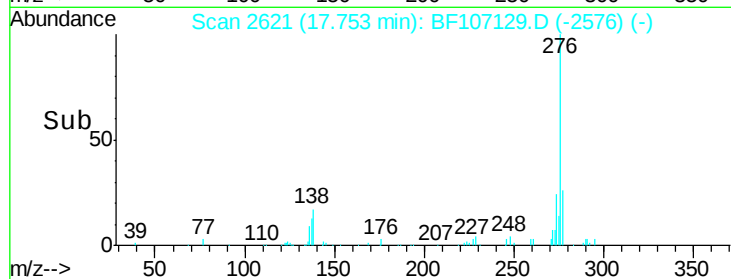
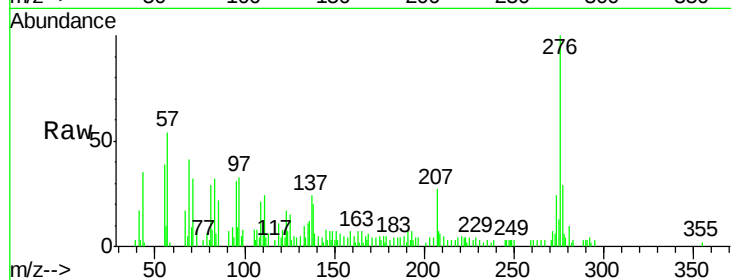
Tgt Ion:276 Resp: 30200

Ion Ratio Lower Upper

276 100

277 28.7 17.9 26.9#

138 19.6 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

