

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
 Data File : BF107079.D
 Acq On : 3 Jul 2018 13:51
 Operator : JU/SJ
 Sample : J3629-13RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

Quant Time: Jul 03 14:27:59 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	55183	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	203196	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	88201	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	167360	20.00	ng	0.00
75) Chrysene-d12	14.15	240	170713	20.00	ng	-0.02
86) Perylene-d12	15.69	264	119481	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	66498	20.41	ng	0.00
7) Phenol-d6	6.60	99	79643	19.57	ng	-0.01
23) Nitrobenzene-d5	7.52	82	46205	12.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	18518	18.11	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	97200	4.72	ng	-0.01
78) Terphenyl-d14	13.08	244	115305	16.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	1384	0.477	ng	# 74
10) Phenol	6.62	94	980	0.211	ng	# 3
15) Benzyl Alcohol	7.11	79	801	0.245	ng	# 32
19) n-Nitroso-di-n-propylamine	7.52	70	5896	2.198	ng	# 75
25) Isophorone	7.52	82	46204	7.171	ng	# 64
31) Naphthalene	8.26	128	177	0.019	ng	# 68
37) 2-Methylnaphthalene	8.96	142	109	0.017	ng	# 15
48) Acenaphthylene	9.87	152	3290	0.377	ng	# 97
49) Dimethylphthalate	9.71	163	11141	1.684	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	11111	7.932	ng	# 24
51) Acenaphthene	10.03	154	128	0.023	ng	# 74
56) 2,4-Dinitrotoluene	10.00	165	11111	6.077	ng	# 21
57) Fluorene	10.55	166	446	0.075	ng	# 77
59) Diethylphthalate	10.40	149	126	0.020	ng	# 61
65) n-Nitrosodiphenylamine	10.79	169	440	0.078	ng	# 31
66) 4-Bromophenyl-phenylether	10.79	248	1155	0.578	ng	# 1
70) Phenanthrene	11.52	178	6202	0.768	ng	# 99
71) Anthracene	11.52	178	6202	0.753	ng	# 97
72) Carbazole	11.74	167	950	0.123	ng	# 59
73) Di-n-butylphthalate	12.04	149	1722	0.189	ng	# 78
74) Fluoranthene	12.71	202	21749	2.445	ng	# 96
76) Benzidine	13.07	184	1464	0.301	ng	# 70
77) Pyrene	12.95	202	22491	1.998	ng	# 99
79) Butylbenzylphthalate	13.55	149	290	0.063	ng	# 79
80) Benzo(a)anthracene	14.14	228	13077	1.257	ng	# 90
81) 3,3'-Dichlorobenzidine	14.07	252	330	0.090	ng	# 69
82) Chrysene	14.18	228	14038	1.467	ng	# 94
83) Bis(2-ethylhexyl)phthalate	14.09	149	5026	0.849	ng	# 88
84) Di-n-octyl phthalate	14.76	149	271	0.028	ng	# 20
85) Indeno(1,2,3-cd)pyrene	17.29	276	7356	0.906	ng	# 93
87) Benzo(b)fluoranthene	15.24	252	21633	2.915	ng	# 67
88) Benzo(k)fluoranthene	15.24	252	21633	3.061	ng	# 70
89) Benzo(a)pyrene	15.63	252	10938	1.658	ng	# 74
90) Dibenzo(a,h)anthracene	17.29	278	2847	0.509	ng	# 17

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QLast Update : Fri Jun 29 14:38:29 2018
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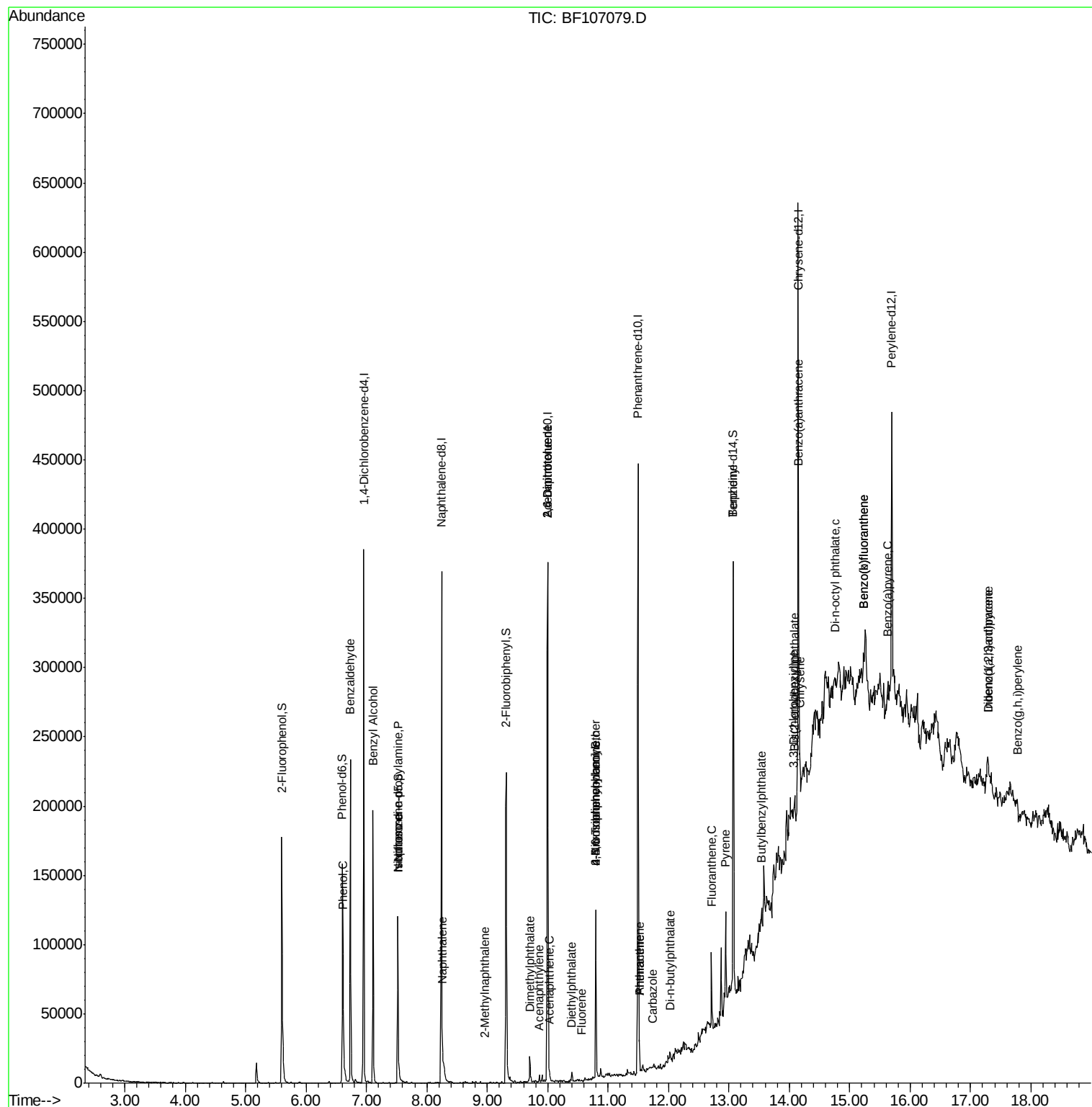
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	17.77	276	8407	1.538	ng	# 86

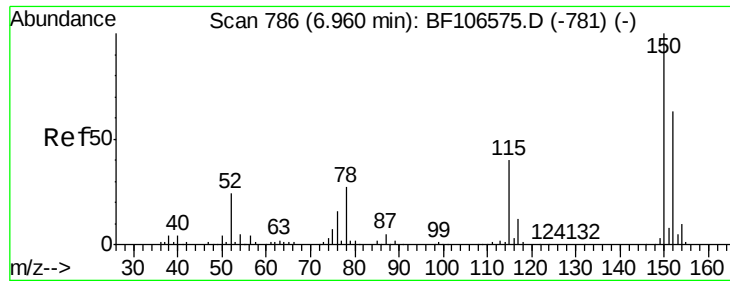
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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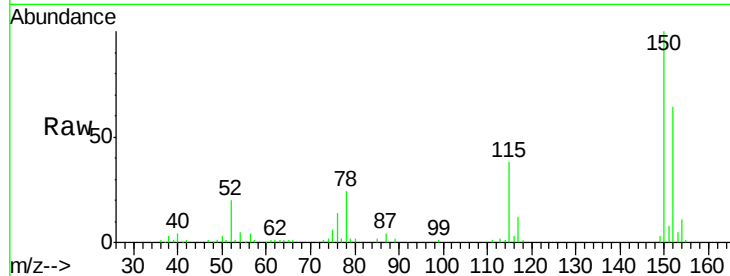


#1

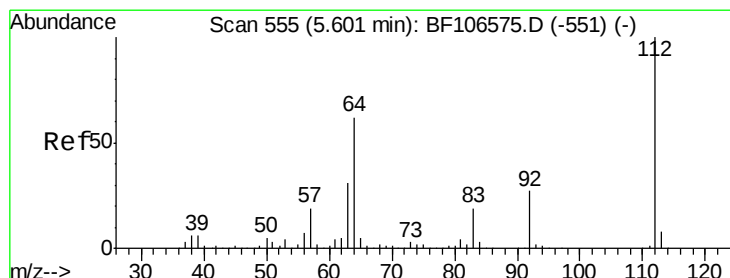
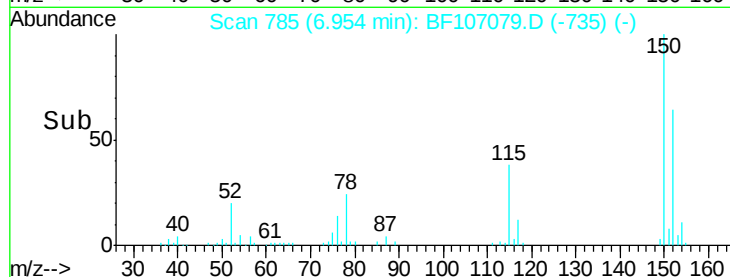
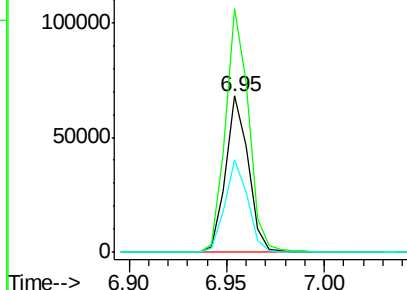
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

Tgt Ion:152 Resp: 55183
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 59.2 50.1 75.1



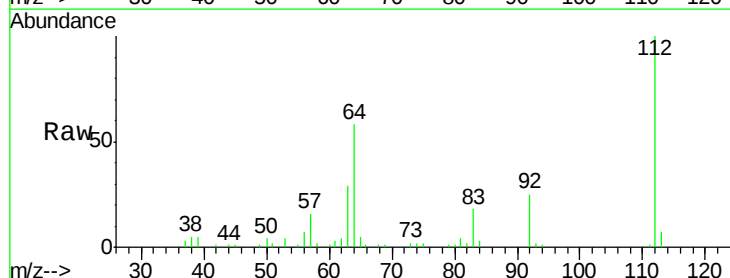
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



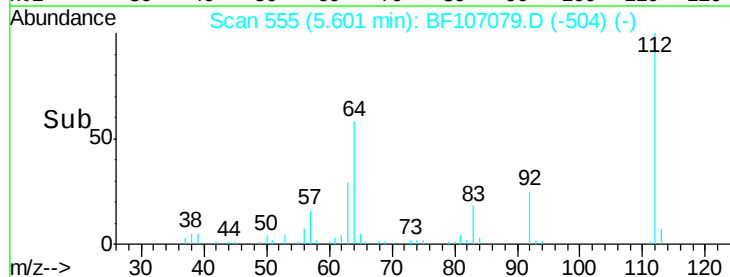
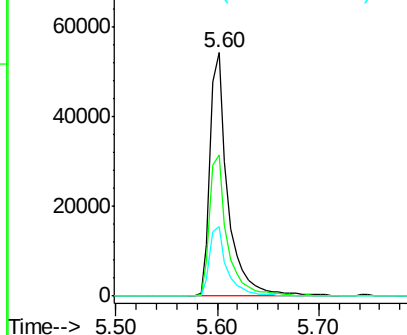
#5

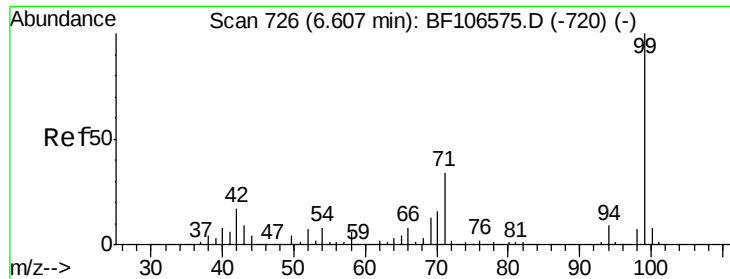
2-Fluorophenol
 Concen: 20.405 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Tgt Ion:112 Resp: 66498
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 28.5 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: 19.570 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

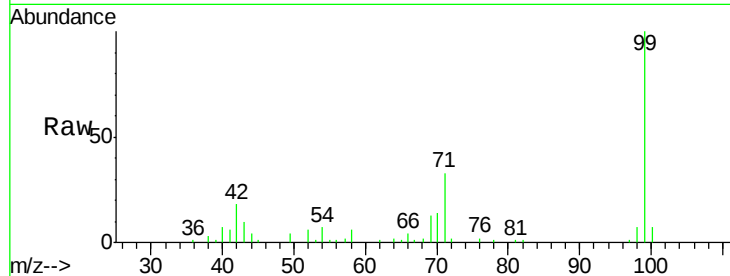
Tgt Ion: 99 Resp: 79643

Ion Ratio Lower Upper

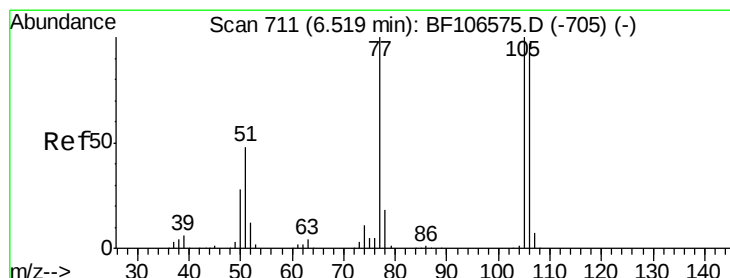
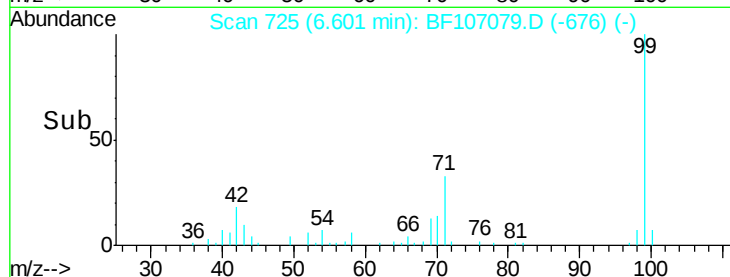
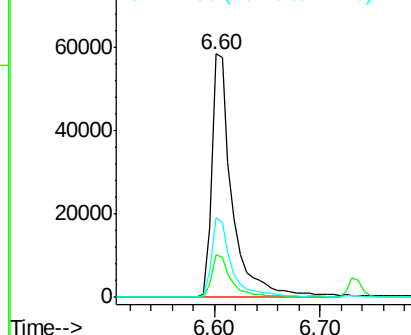
99 100

42 17.5 14.5 21.7

71 32.7 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



#9

Benzaldehyde

Concen: 0.477 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

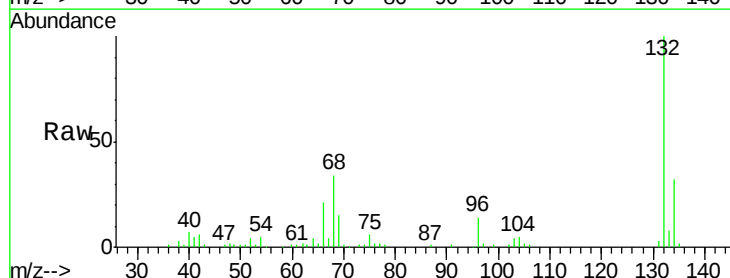
Tgt Ion: 77 Resp: 1384

Ion Ratio Lower Upper

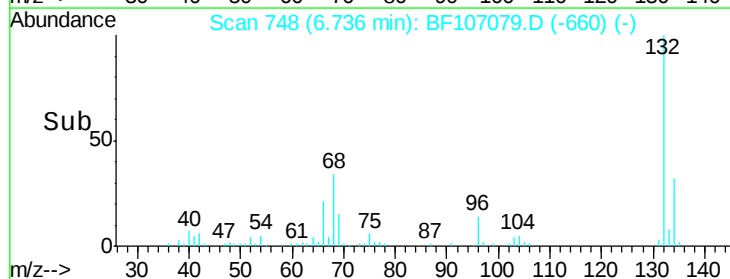
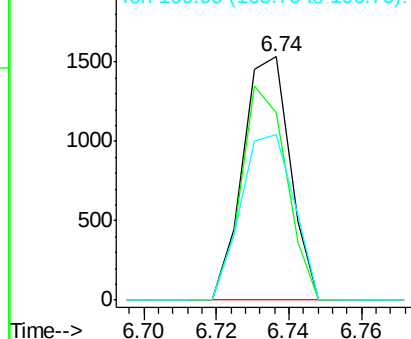
77 100

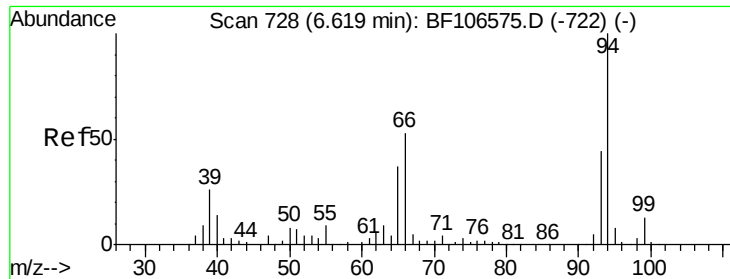
105 77.0 81.1 121.1#

106 68.1 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.211 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107079.D

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A0C14-01

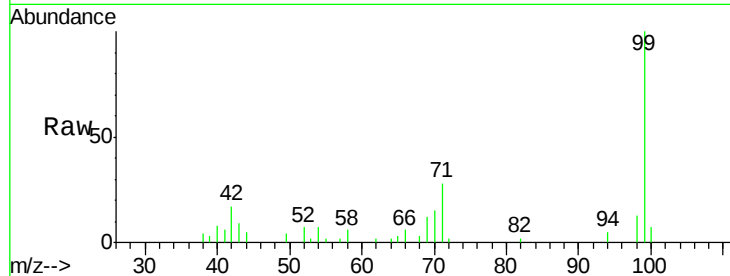
Tgt Ion: 94 Resp: 980

Ion Ratio Lower Upper

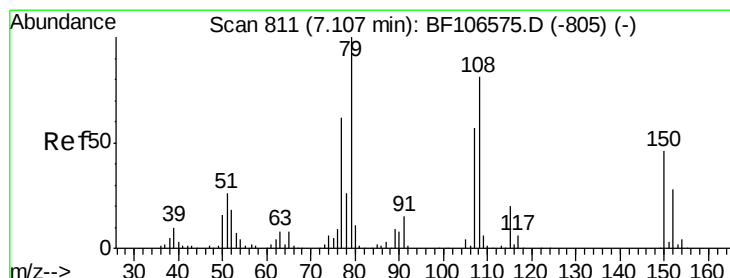
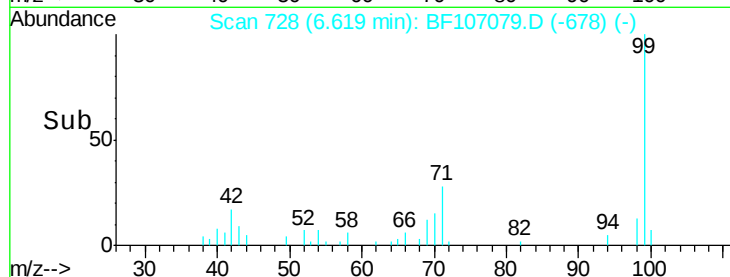
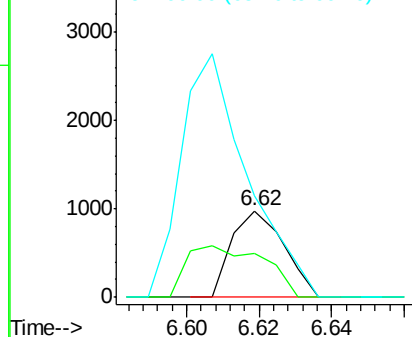
94 100

65 50.5 7.9 47.9#

66 118.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 0.245 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

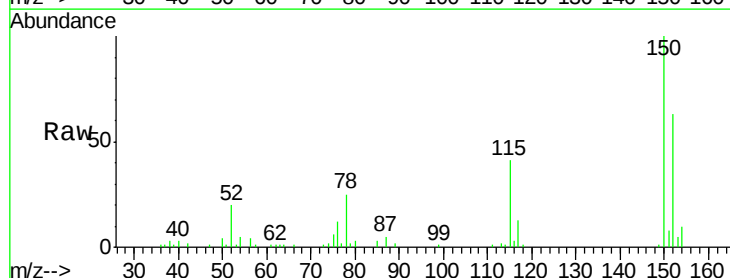
Tgt Ion: 79 Resp: 801

Ion Ratio Lower Upper

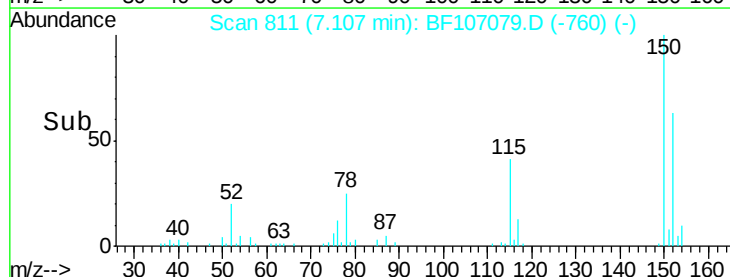
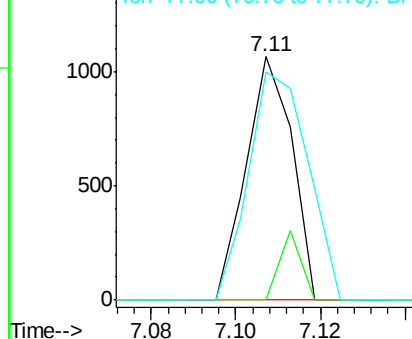
79 100

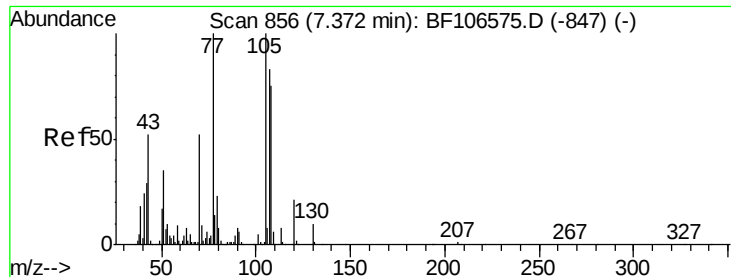
108 0.0 65.1 97.7#

77 93.5 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

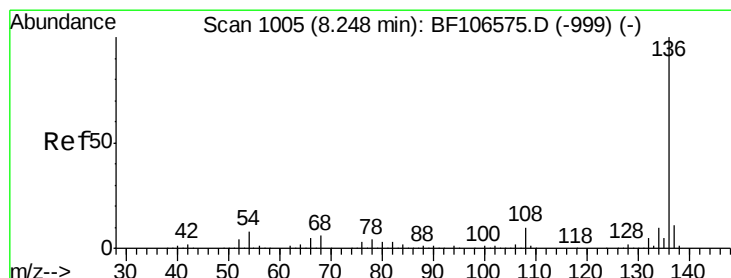
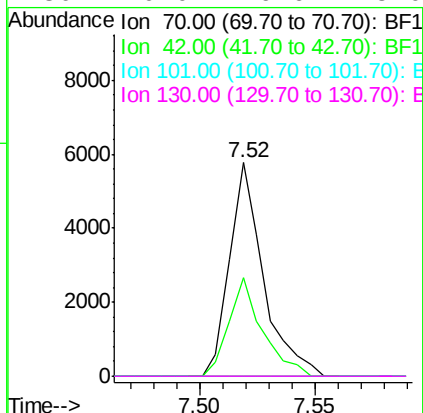
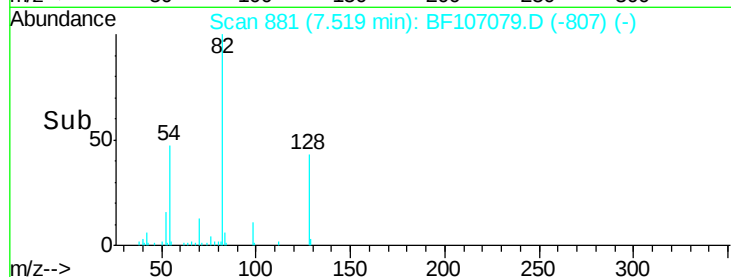
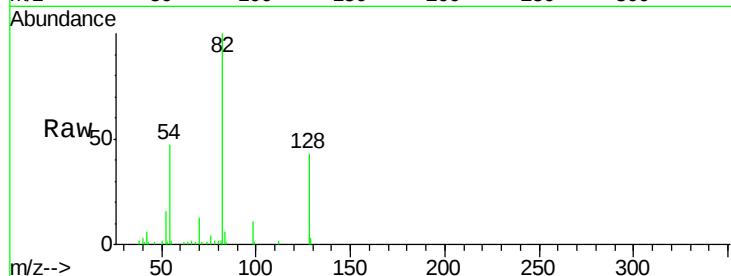




#19
n-Nitroso-di-n-propylamine
Concen: 2.198 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

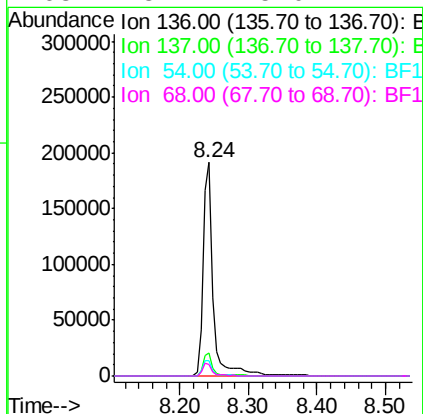
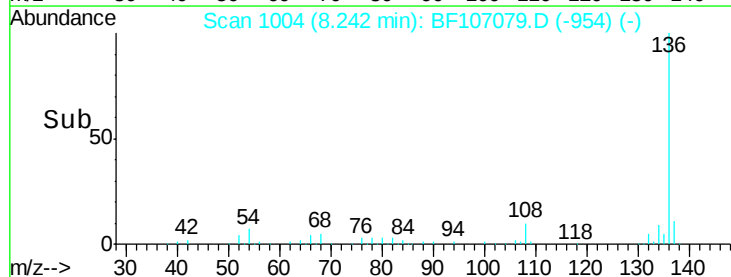
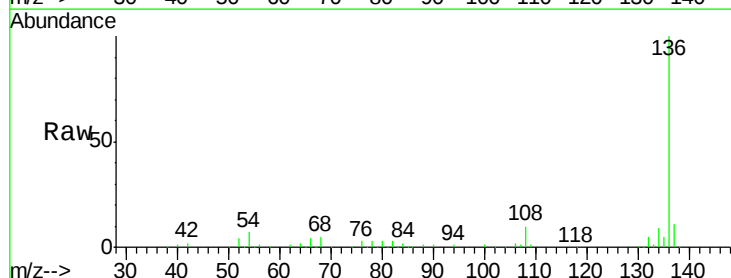
Instrument :
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A0C14-01

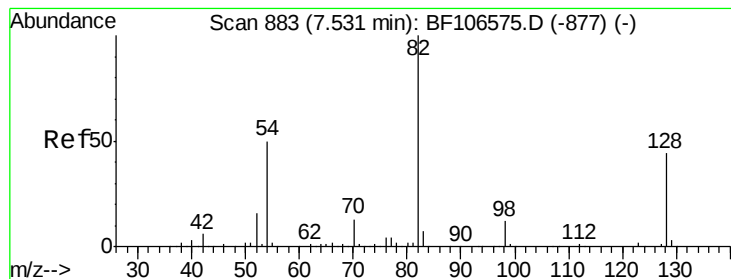
Tgt Ion: 70 Resp: 5896
Ion Ratio Lower Upper
70 100
42 45.9 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Tgt Ion: 136 Resp: 203196
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 6.6 9.8
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 12.637 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampled :

A0C14-01

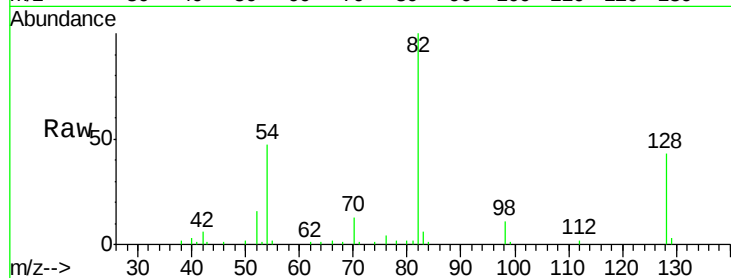
Tgt Ion: 82 Resp: 46205

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

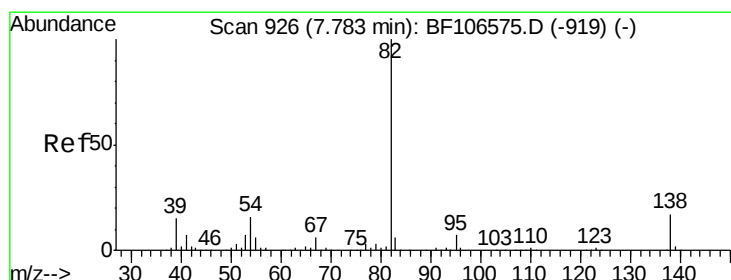
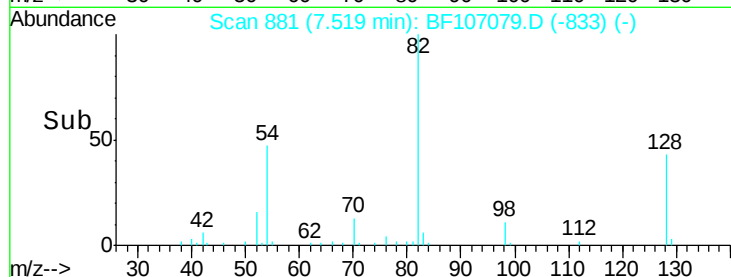
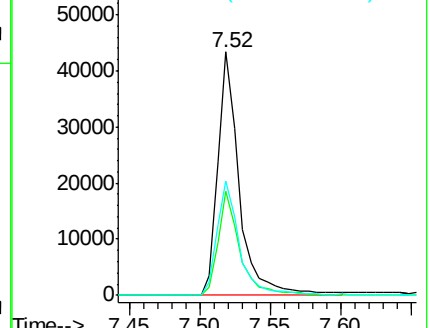
54 46.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 7.171 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

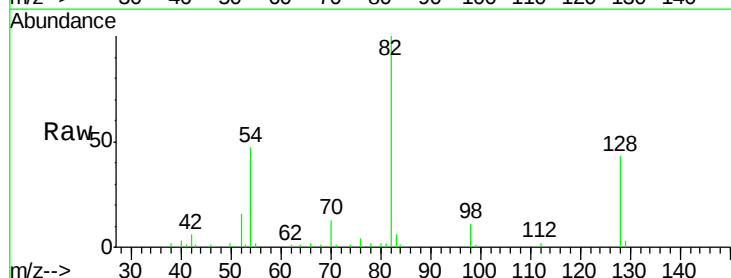
Tgt Ion: 82 Resp: 46204

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

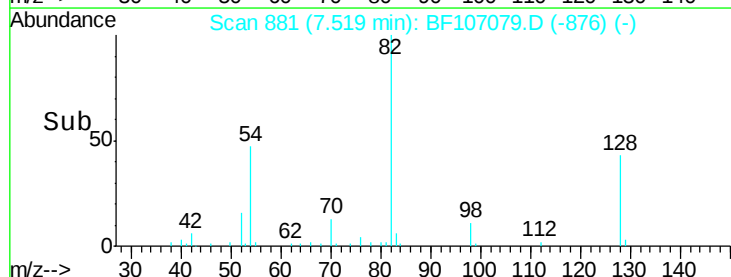
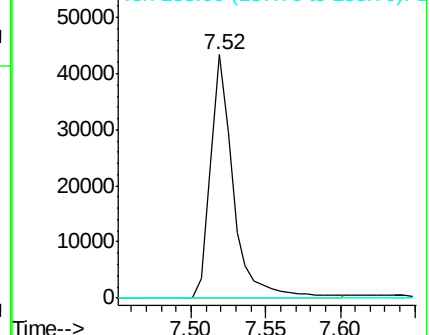
138 0.0 14.9 22.3#

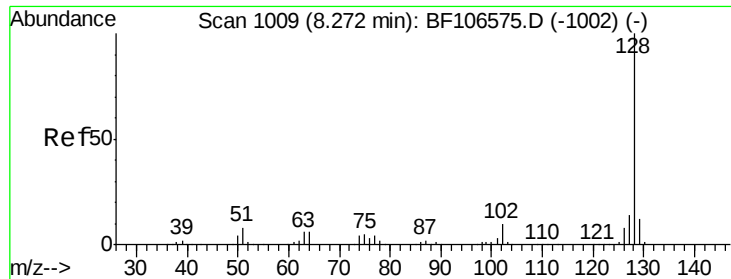


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

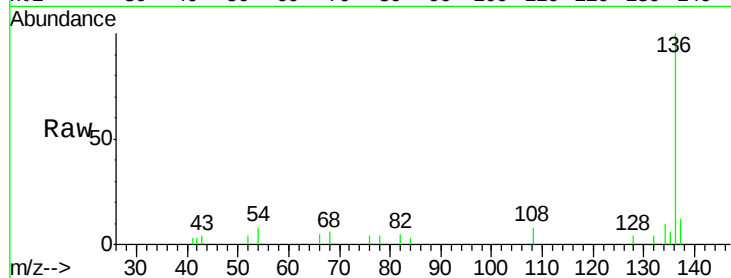




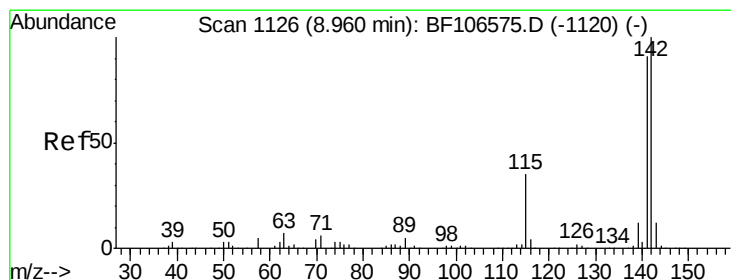
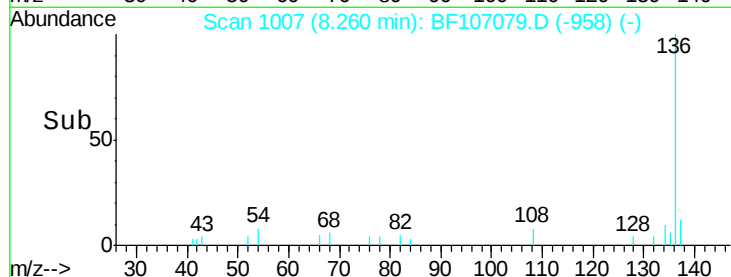
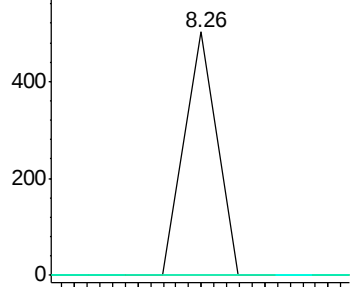
#31
Naphthalene
Concen: 0.019 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107079.D
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Instrument :
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A0C14-01

Tgt Ion:128 Resp: 177
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#

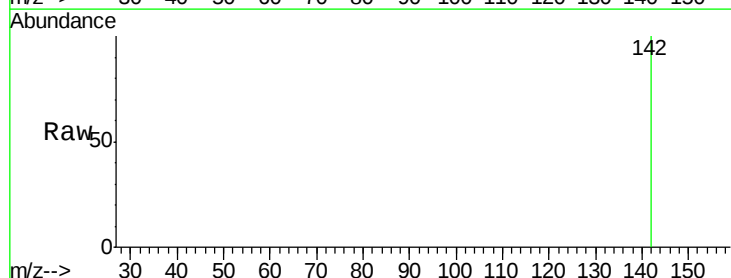


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

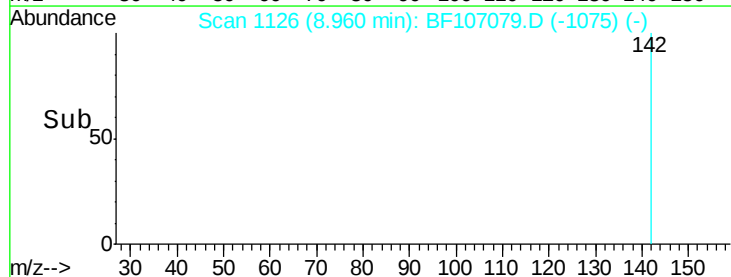
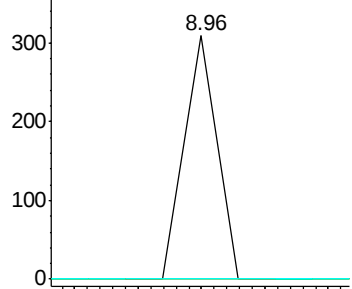


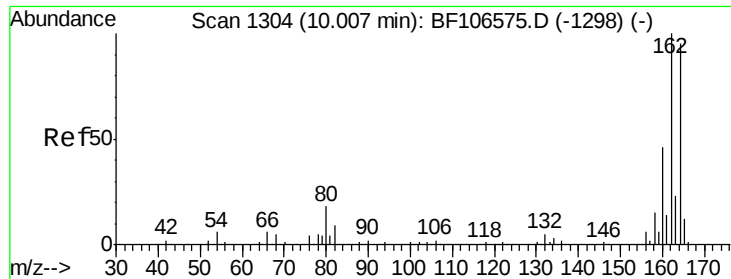
#37
2-Methylnaphthalene
Concen: 0.017 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Tgt Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
141 0.0 70.8 106.2#
115 0.0 26.1 39.1#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

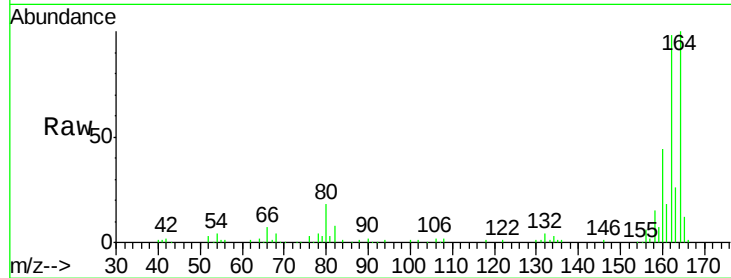
Tgt Ion:164 Resp: 88201

Ion Ratio Lower Upper

164 100

162 97.7 86.1 129.1

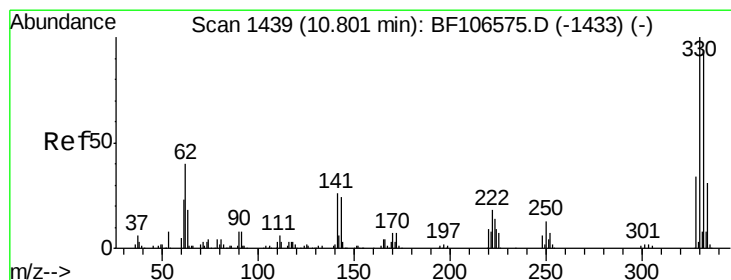
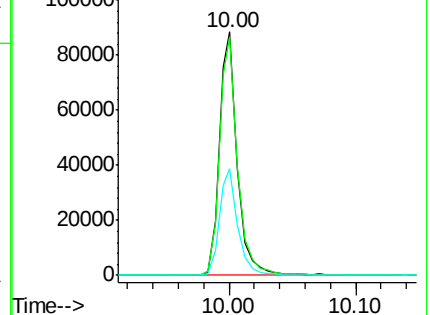
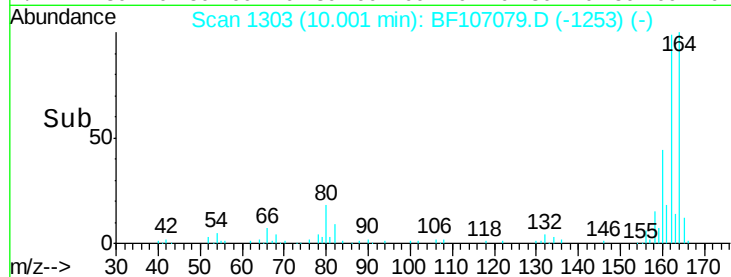
160 43.6 38.3 57.5



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: 18.115 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

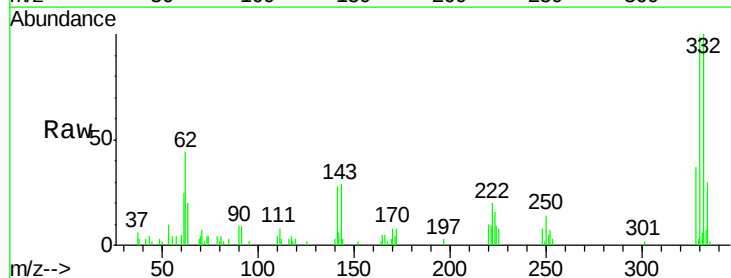
Tgt Ion:330 Resp: 18518

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

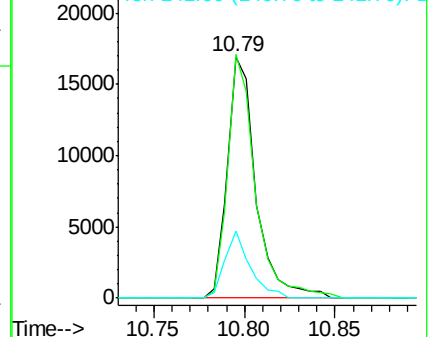
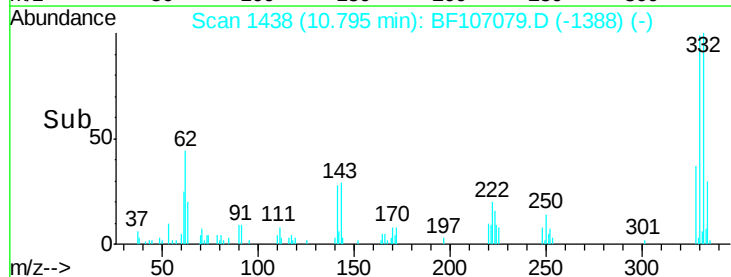
141 24.7 29.9 44.9#

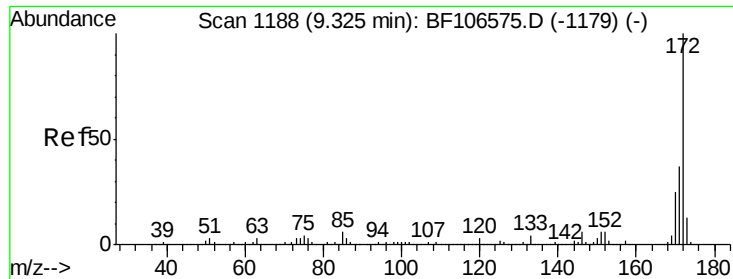


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

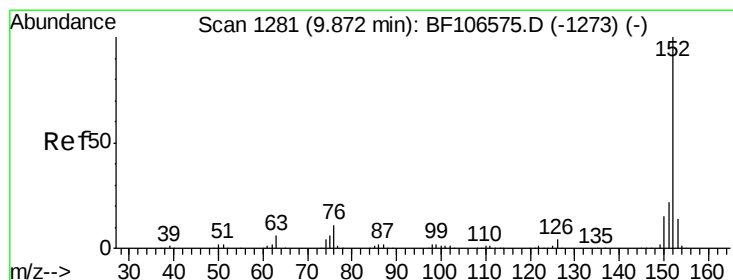
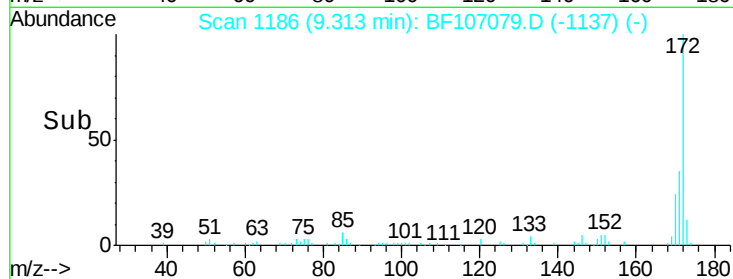
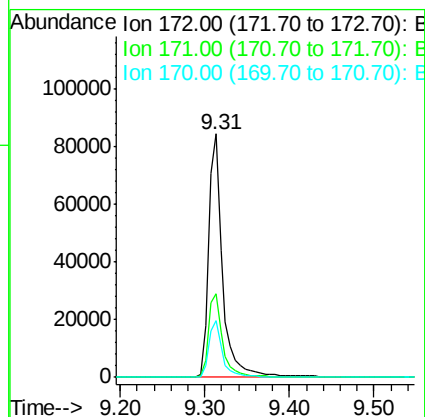
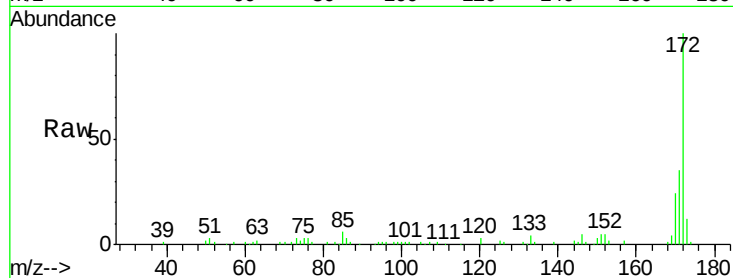




#44
 2-Fluorobiphenyl
 Concen: 4.721 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

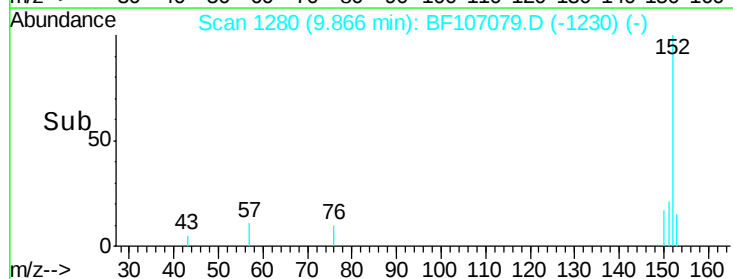
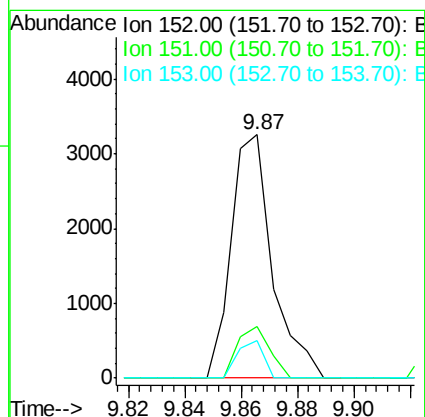
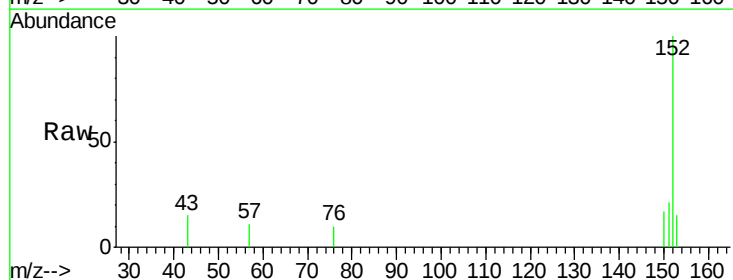
Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

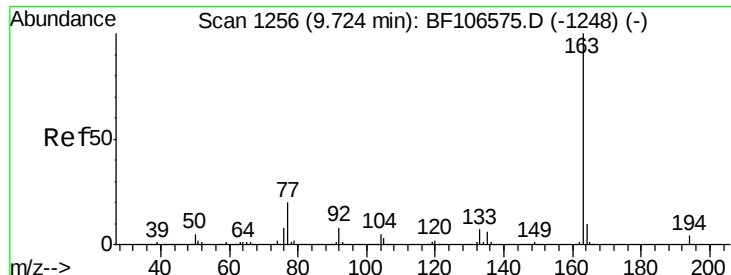
Tgt Ion:172 Resp: 97200
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.6 19.6 29.4



#48
 Acenaphthylene
 Concen: 0.377 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Tgt Ion:152 Resp: 3290
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.3 24.5
 153 15.2 10.7 16.1





#49

Dimethylphthalate

Concen: 1.684 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampled :

A0C14-01

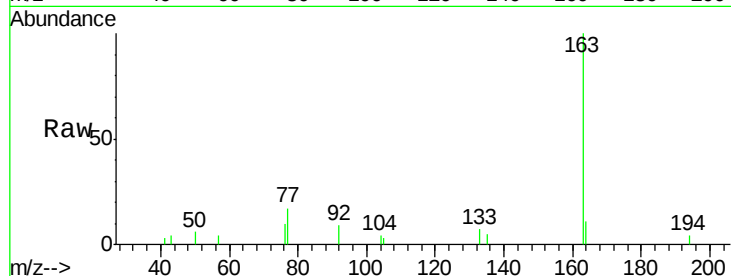
Tgt Ion:163 Resp: 11141

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

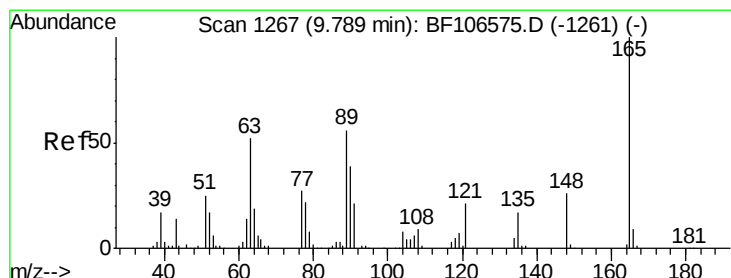
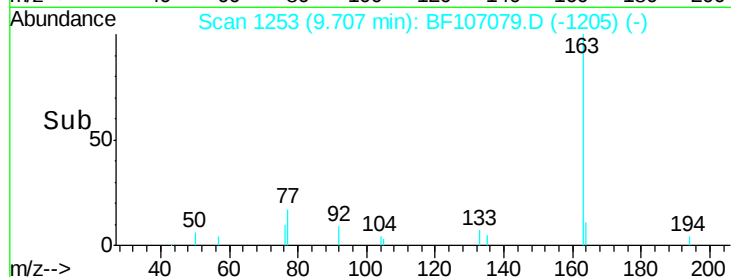
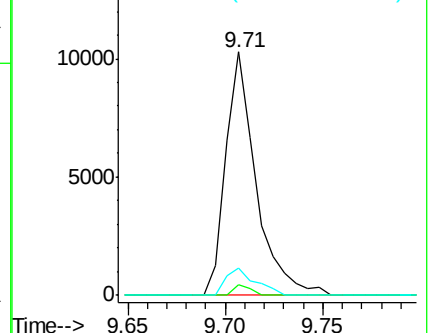
164 11.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.932 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

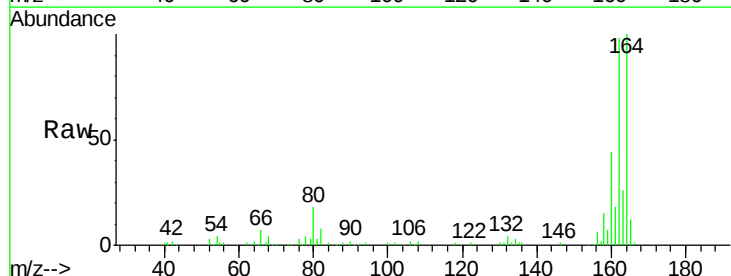
Tgt Ion:165 Resp: 11111

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

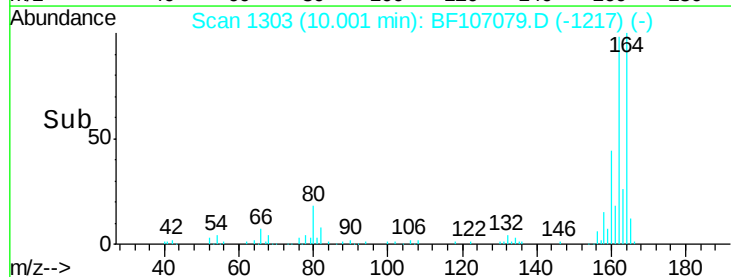
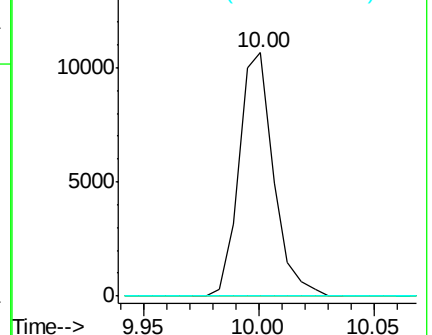
89 0.0 44.0 66.0#

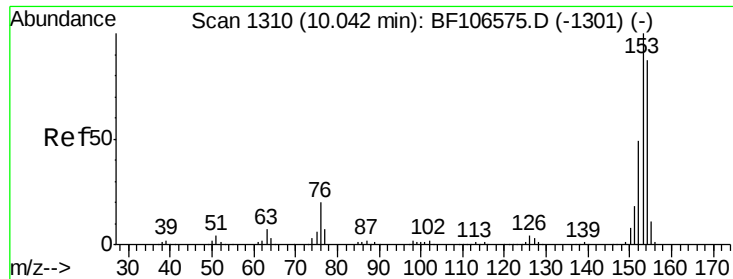


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.023 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

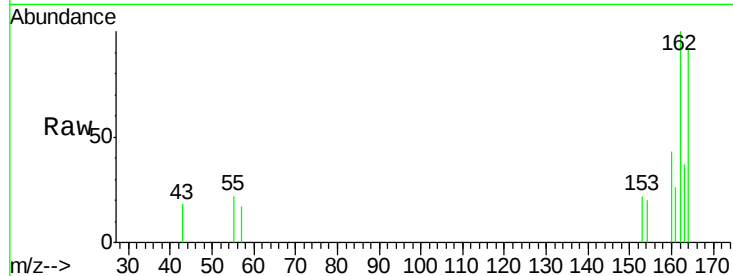
Tgt Ion:154 Resp: 128

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

152 0.0 43.8 65.8#

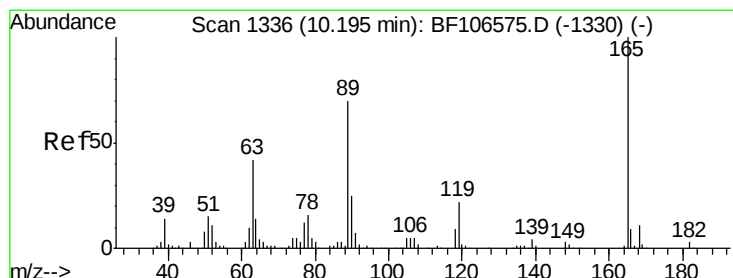
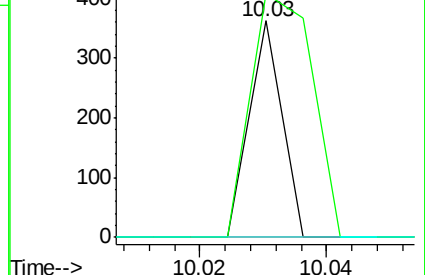
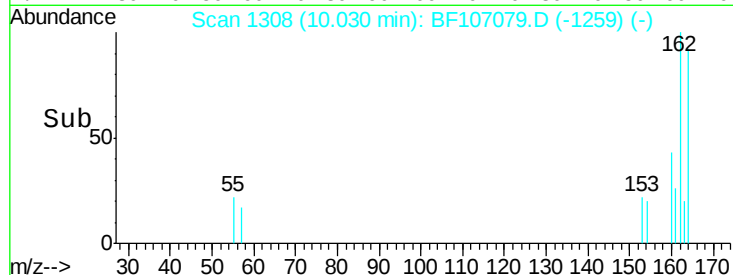


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

10.03



#56

2,4-Dinitrotoluene

Concen: 6.077 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Tgt Ion:165 Resp: 11111

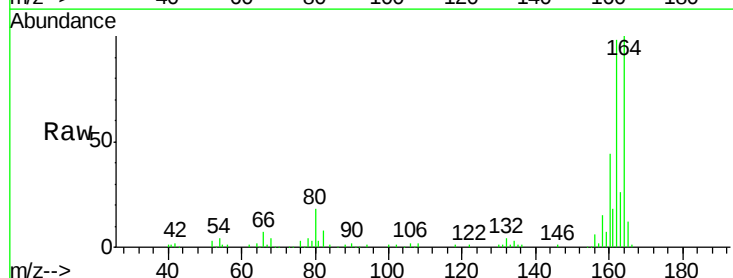
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#



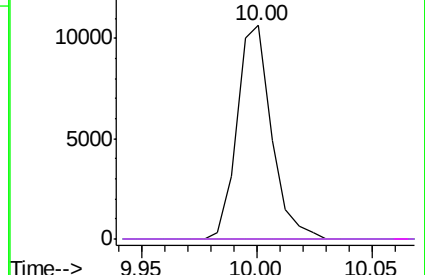
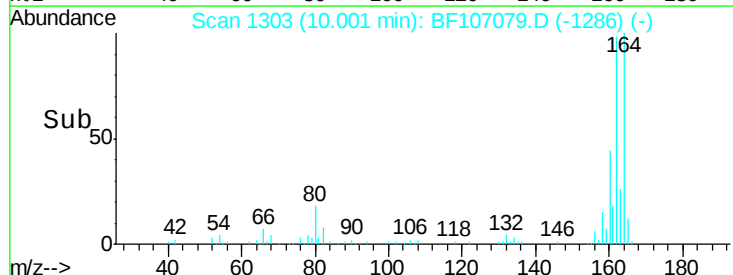
Abundance Ion 165.00 (164.70 to 165.70): E

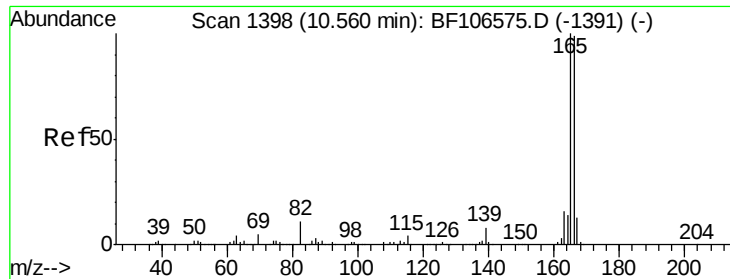
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

10.00





#57

Fluorene

Concen: 0.075 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

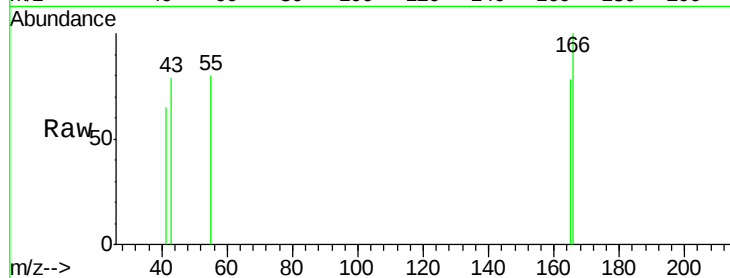
Tgt Ion:166 Resp: 446

Ion Ratio Lower Upper

166 100

165 77.8 79.8 119.8#

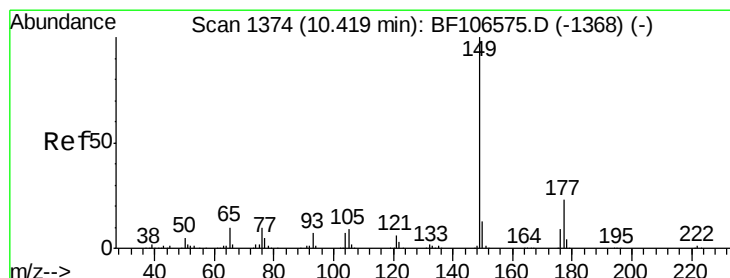
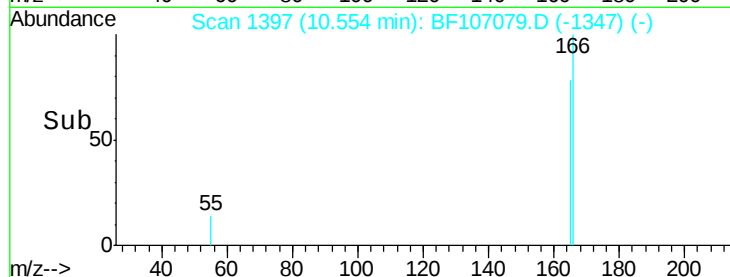
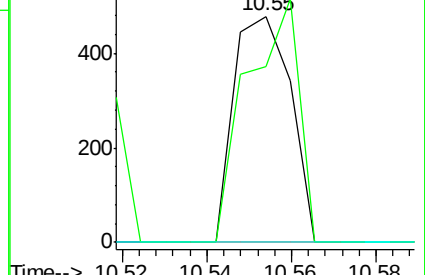
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.020 ng

RT: 10.40 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

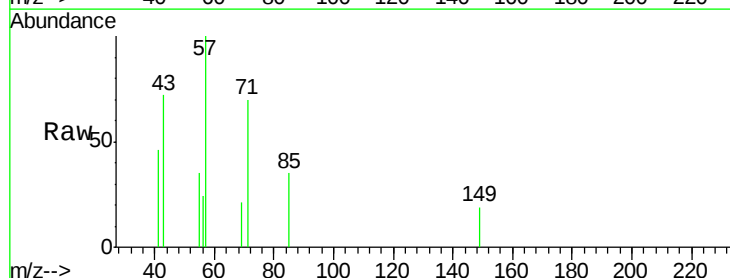
Tgt Ion:149 Resp: 126

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

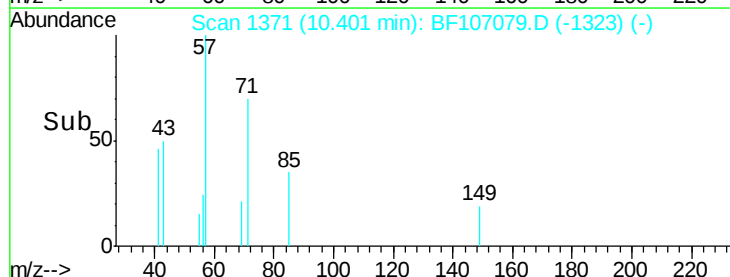
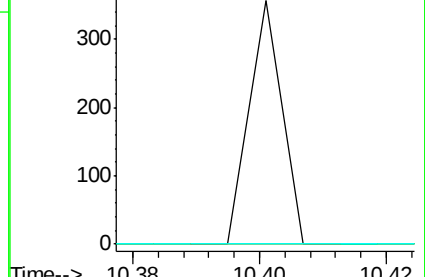
150 0.0 10.1 15.1#

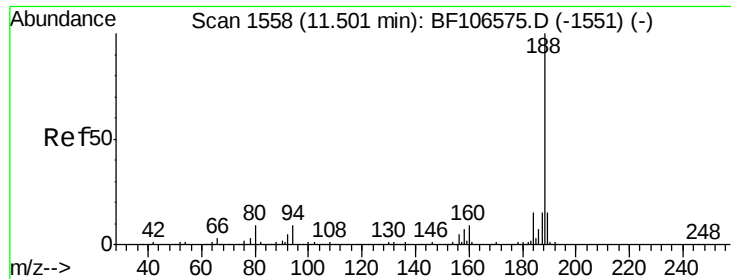


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

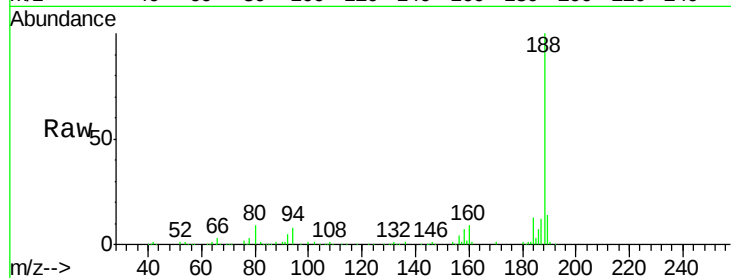
Tgt Ion:188 Resp: 167360

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

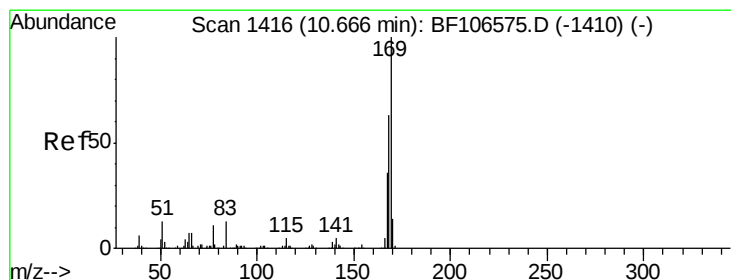
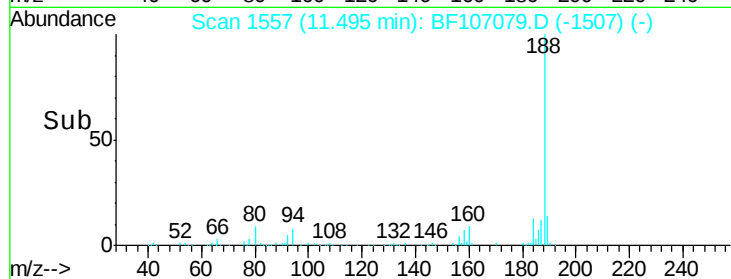
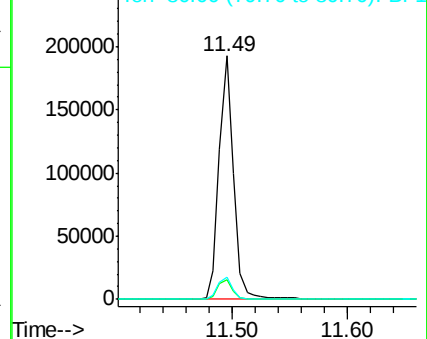
80 9.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 0.078 ng

RT: 10.79 min Scan# 1438

Delta R.T. 0.13 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

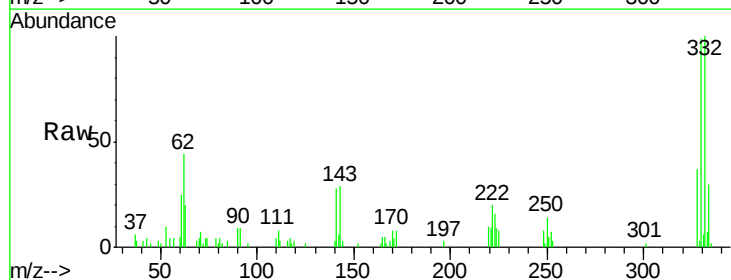
Tgt Ion:169 Resp: 440

Ion Ratio Lower Upper

169 100

168 0.0 54.4 81.6#

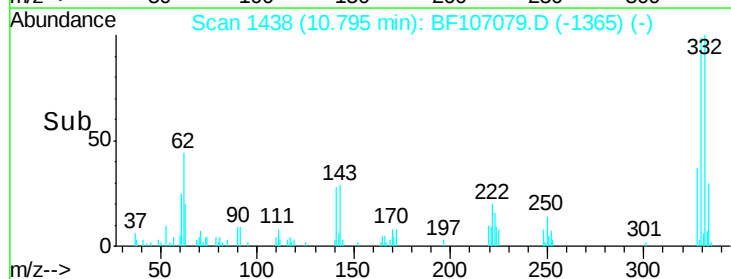
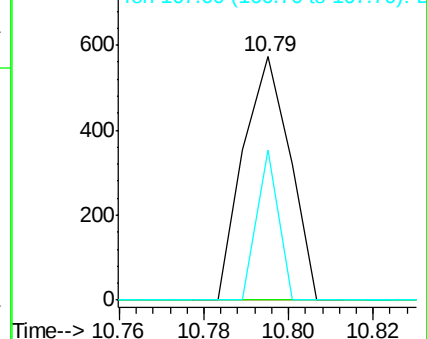
167 61.6 29.8 44.6#

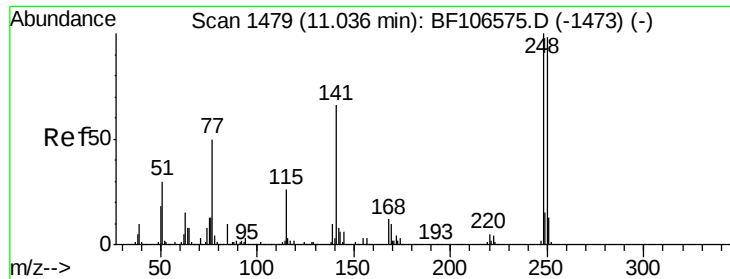


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

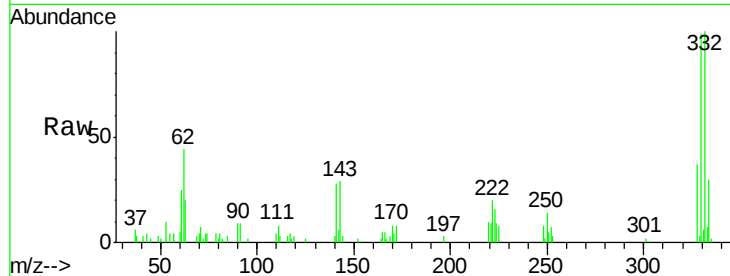




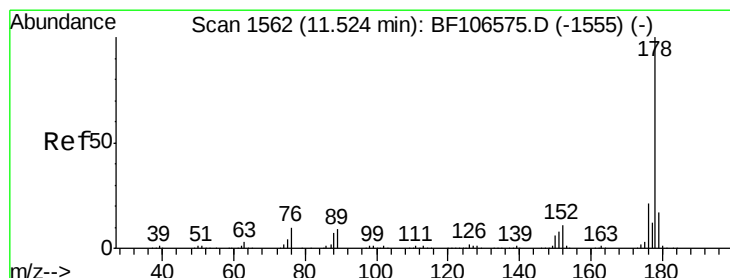
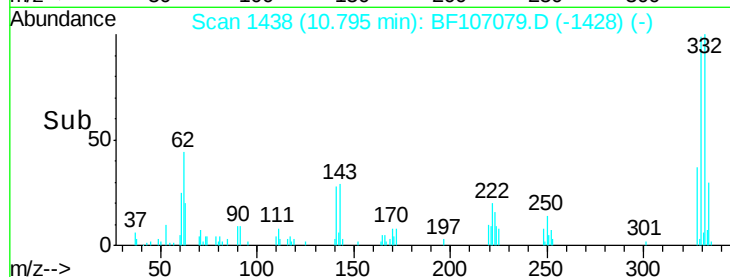
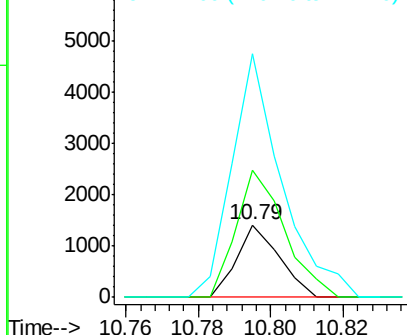
#66
4-Bromophenyl-phenylether
Concen: 0.578 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Instrument :
BNA_F
ClientSampleId :
A0C14-01

Tgt Ion: 248 Resp: 1155
Ion Ratio Lower Upper
248 100
250 175.4 76.9 115.3#
141 337.4 74.4 111.6#

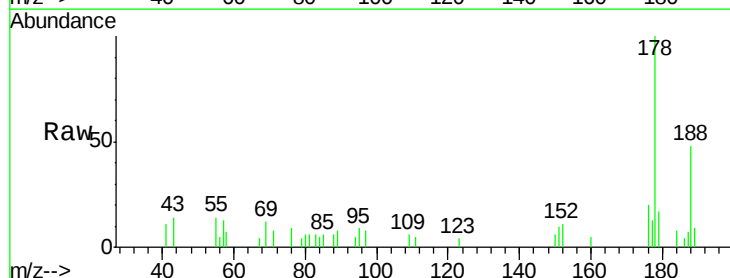


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

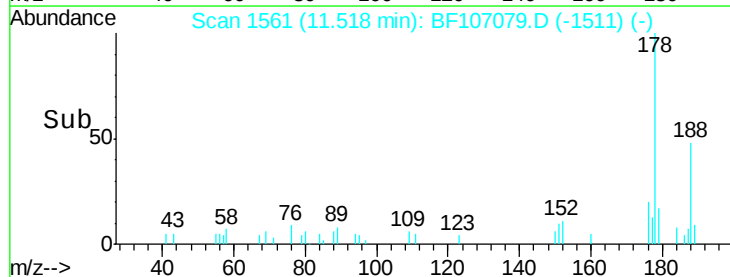
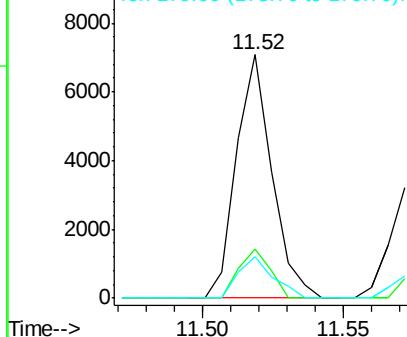


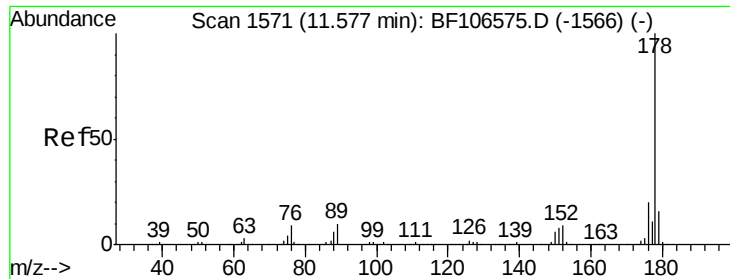
#70
Phenanthrene
Concen: 0.768 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Tgt Ion: 178 Resp: 6202
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 17.2 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

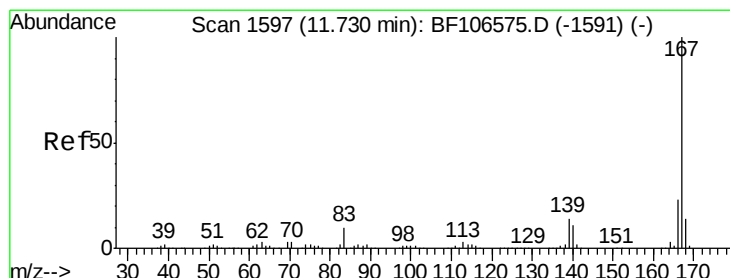
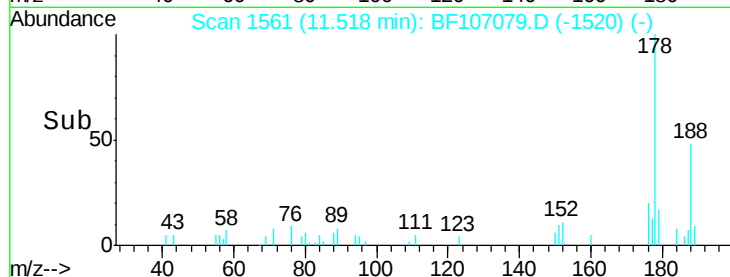
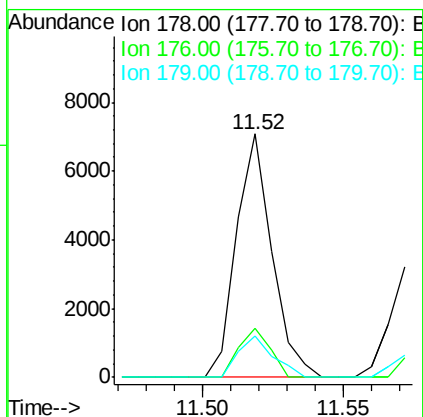
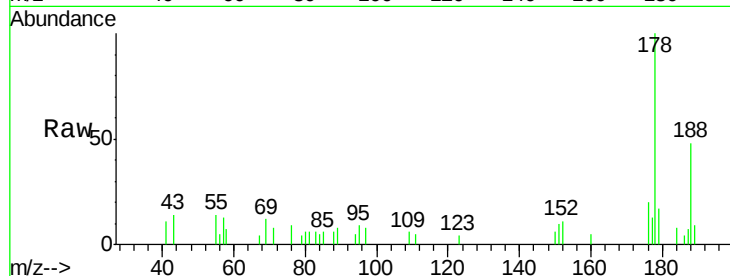




#71
 Anthracene
 Concen: 0.753 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.06 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

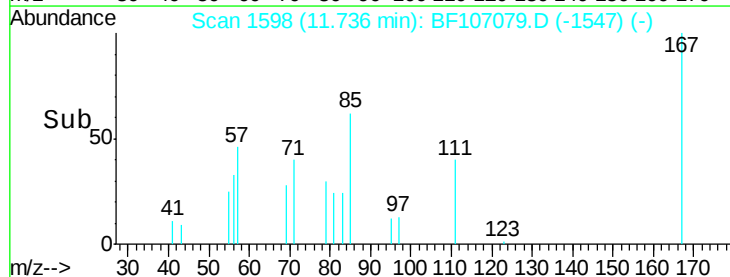
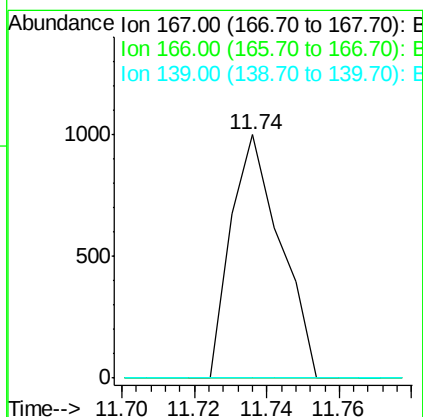
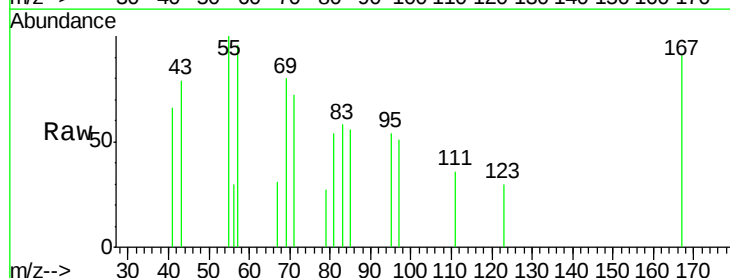
Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

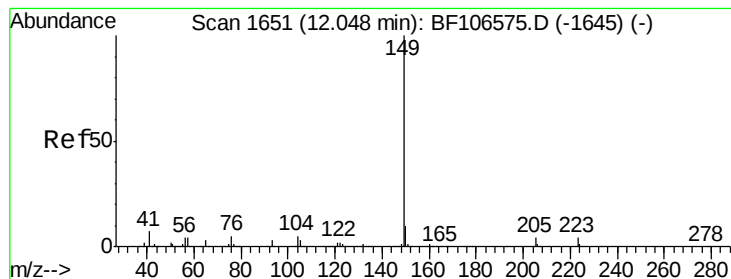
Tgt Ion:178 Resp: 6202
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 17.2 12.6 19.0



#72
 Carbazole
 Concen: 0.123 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Tgt Ion:167 Resp: 950
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 0.189 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

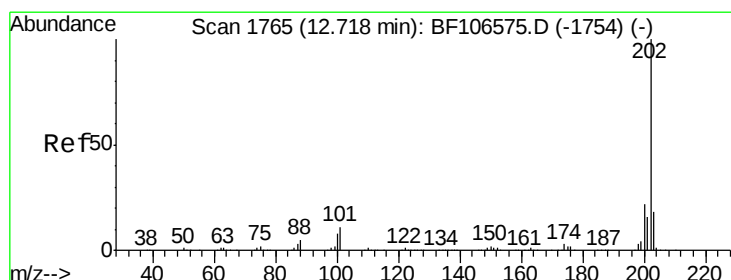
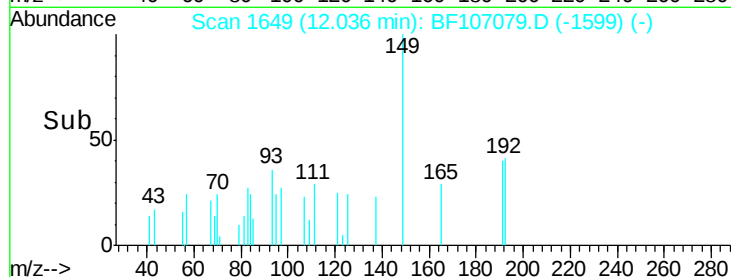
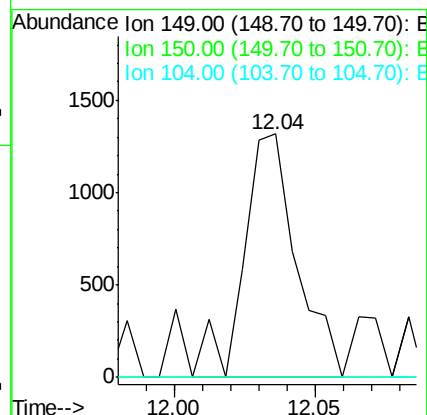
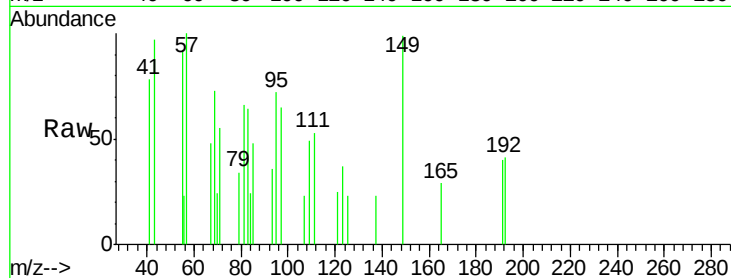
Tgt Ion:149 Resp: 1722

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.8 5.8#



#74

Fluoranthene

Concen: 2.445 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

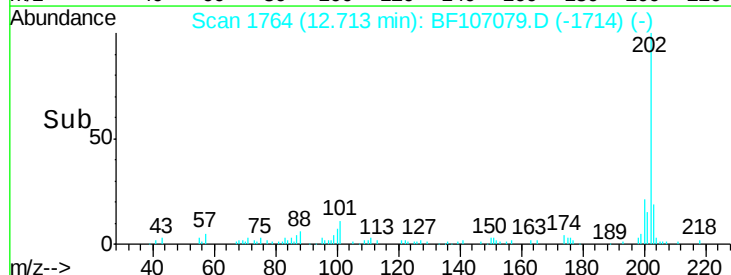
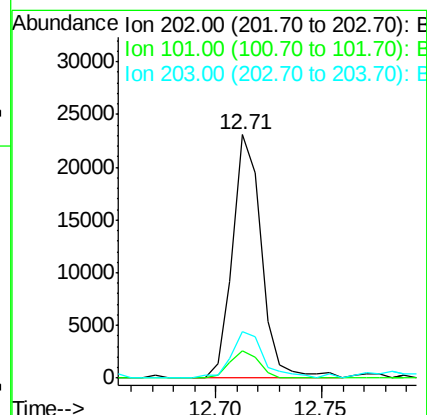
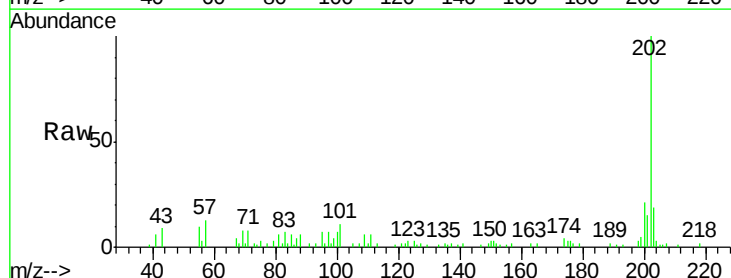
Tgt Ion:202 Resp: 21749

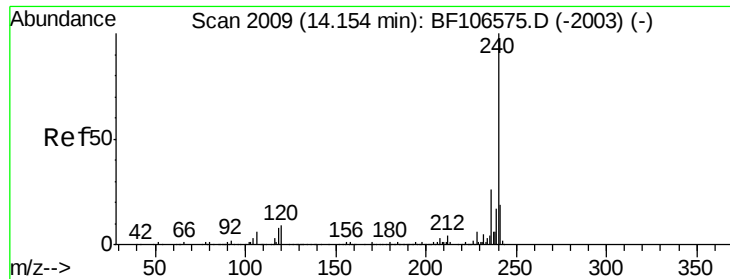
Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

203 19.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

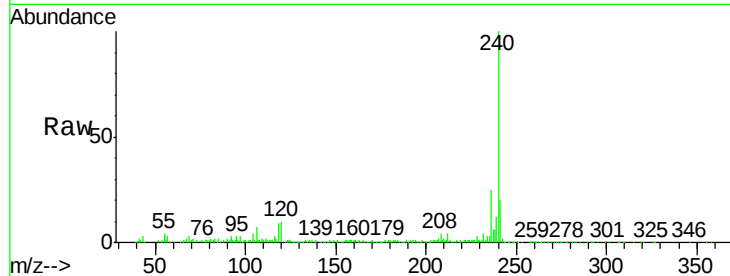
Tgt Ion:240 Resp: 170713

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

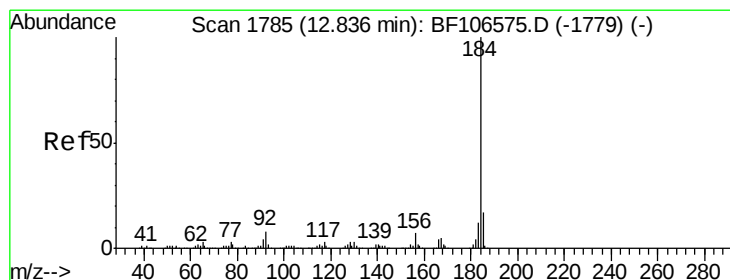
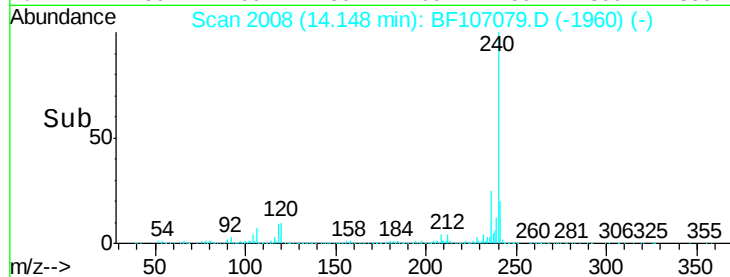
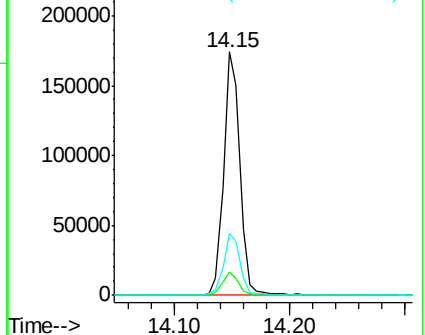
236 25.2 20.7 31.1



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



#76

Benzidine

Concen: 0.301 ng

RT: 13.07 min Scan# 1825

Delta R.T. 0.24 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

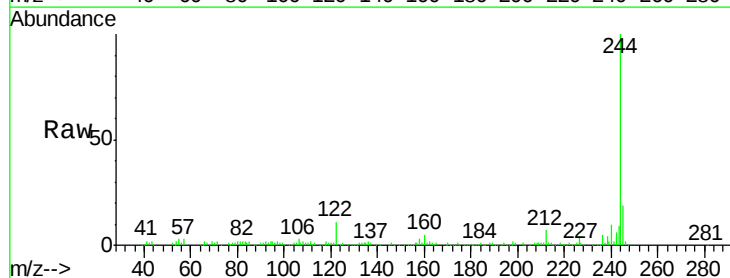
Tgt Ion:184 Resp: 1464

Ion Ratio Lower Upper

184 100

185 27.1 12.6 18.8#

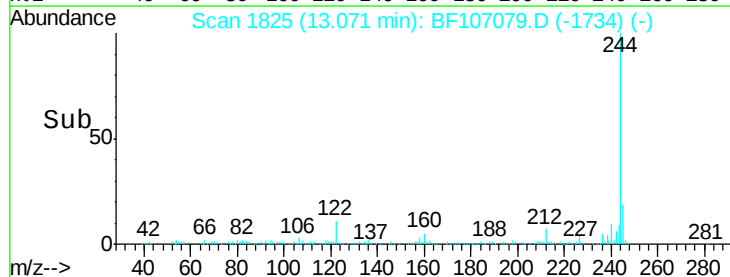
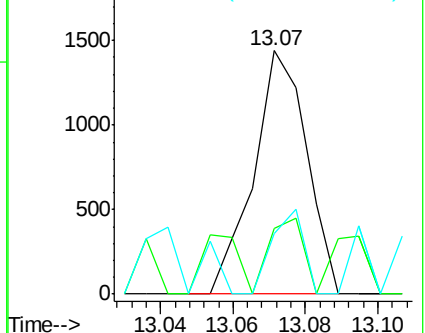
183 24.7 9.3 13.9#

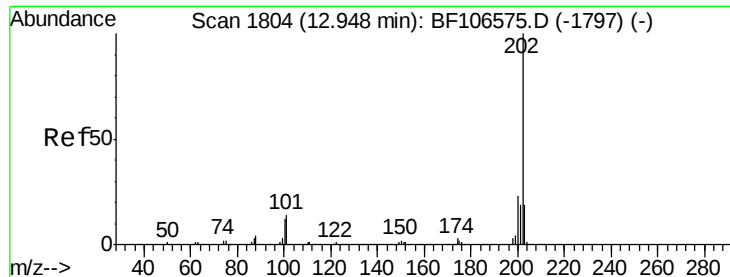


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 1.998 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

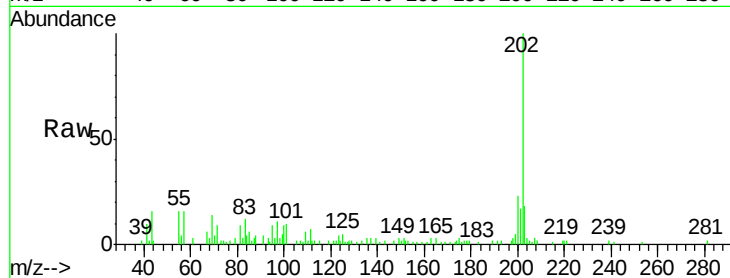
Tgt Ion:202 Resp: 22491

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

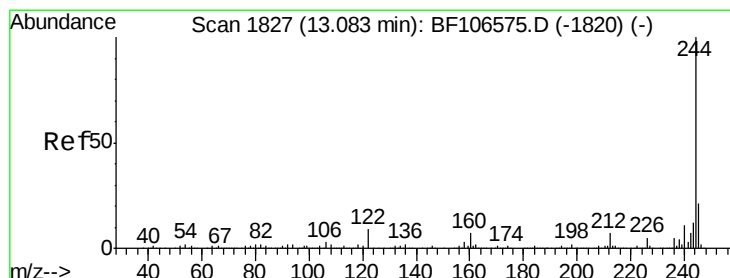
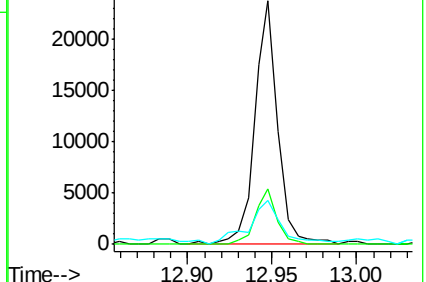
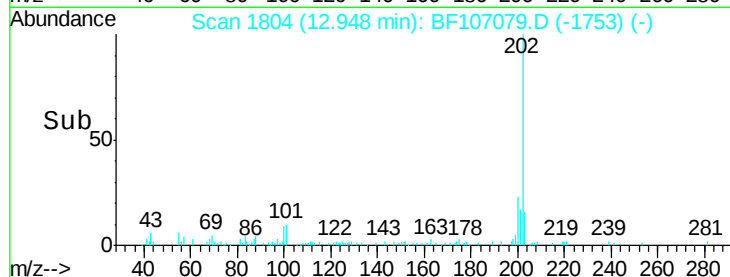
203 18.2 14.3 21.5



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: 16.361 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

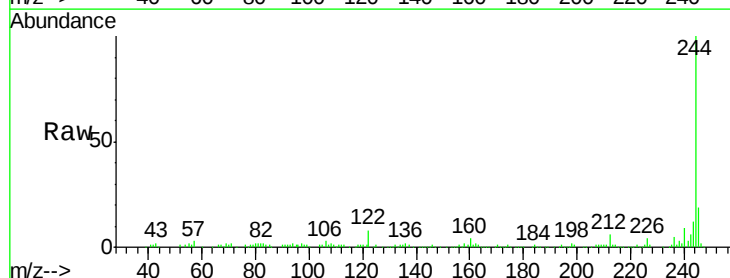
Tgt Ion:244 Resp: 115305

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

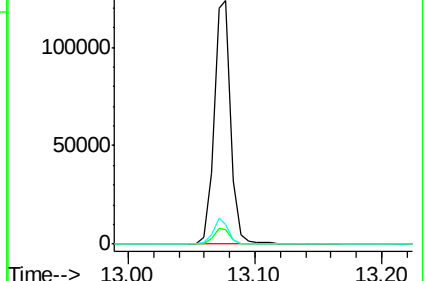
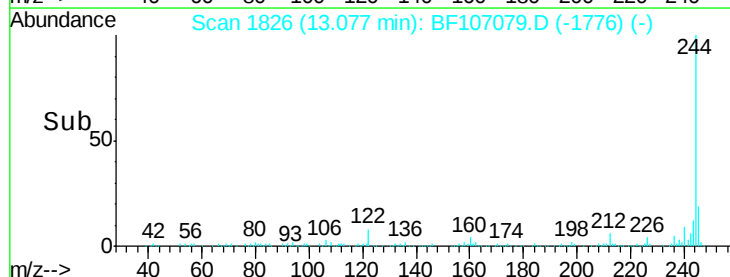
122 7.9 11.0 16.4#

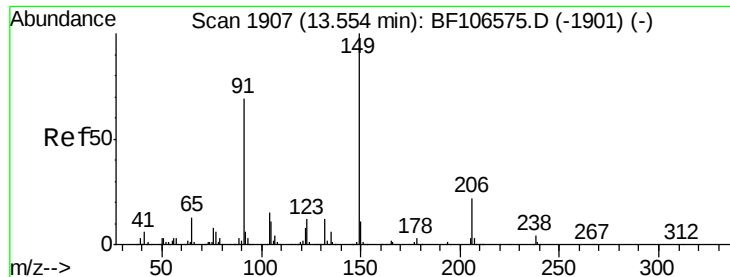


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.063 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

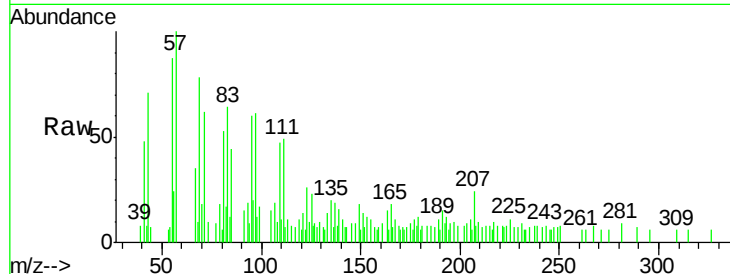
Instrument :

BNA_F

ClientSampleId :

A0C14-01

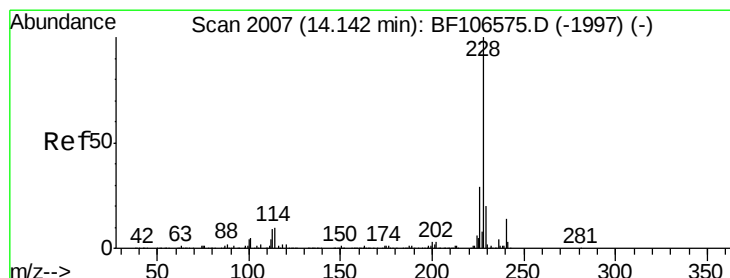
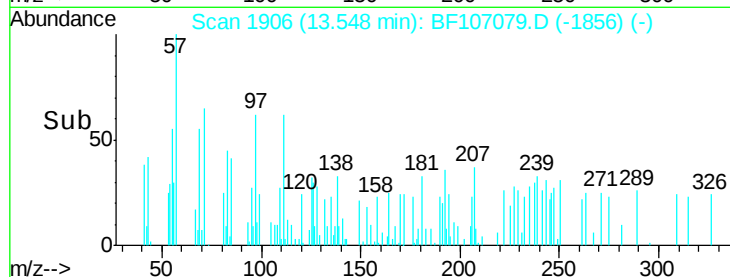
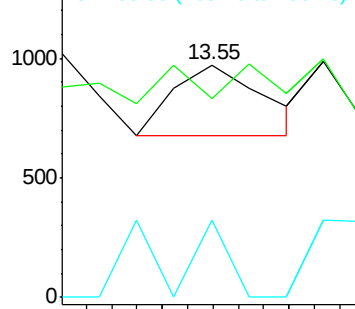
Tgt Ion:	149	Resp:	290
Ion	Ratio	Lower	Upper
149	100		
91	85.6	56.8	85.2#
206	33.3	14.1	21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 1.257 ng

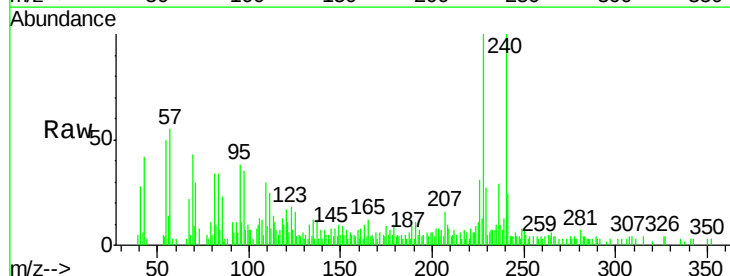
RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

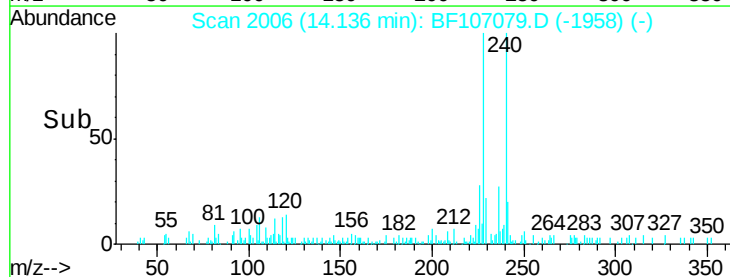
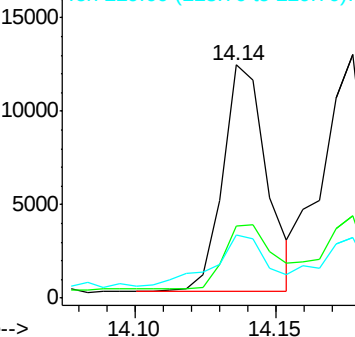
Tgt Ion:	228	Resp:	13077
Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	27.0	15.8	23.6#

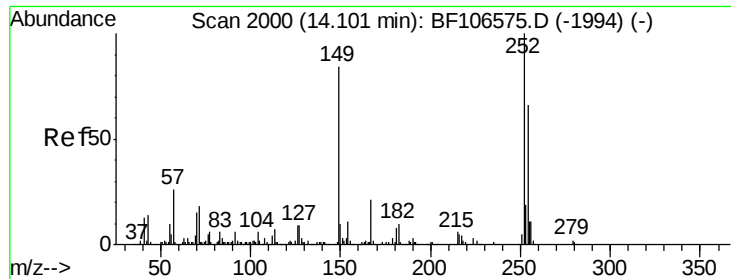


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

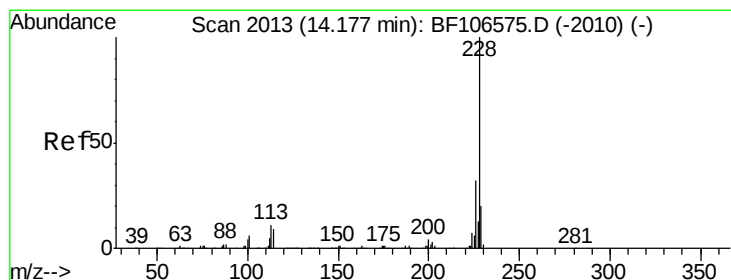
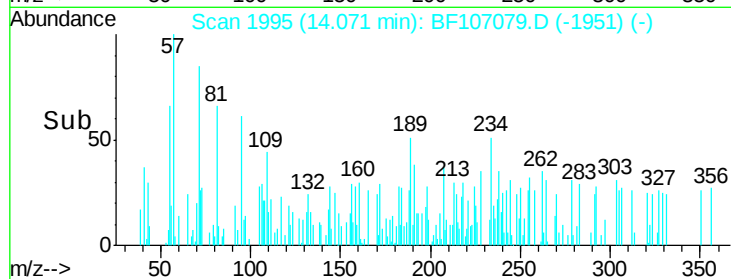
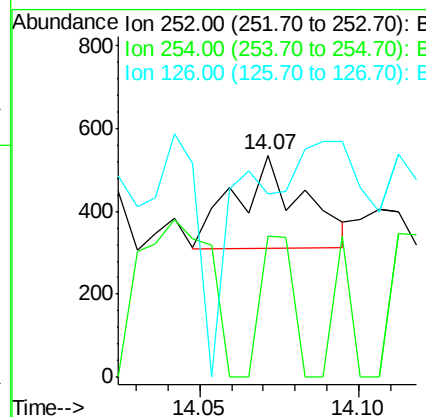
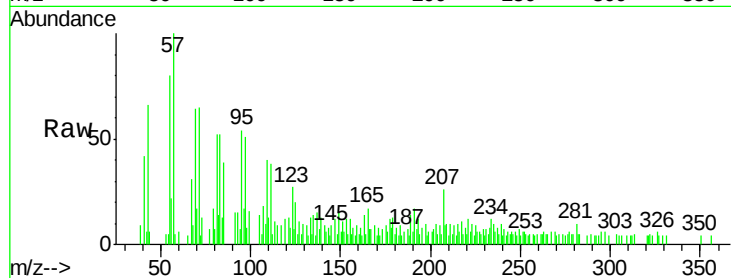




#81
 3,3'-Dichlorobenzidine
 Concen: 0.090 ng
 RT: 14.07 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

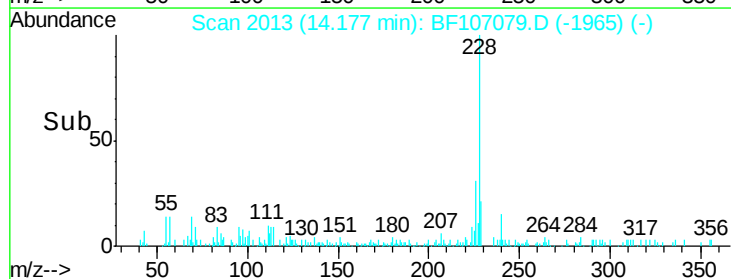
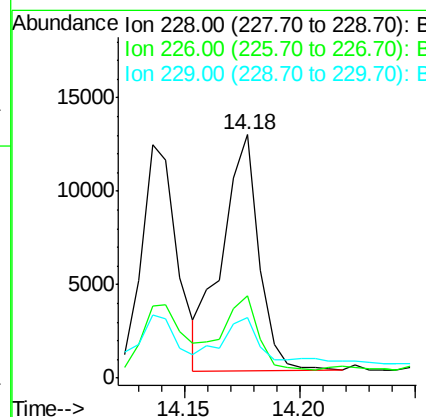
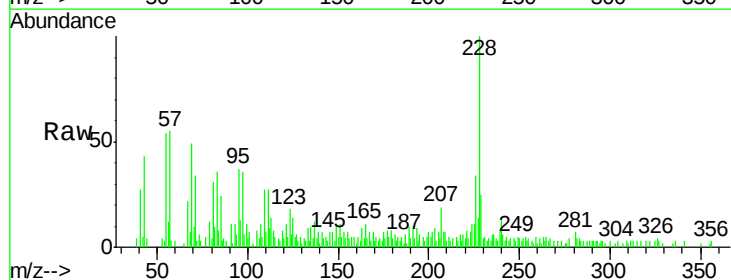
Instrument :
 BNA_F
 ClientSampled :
 A0C14-01

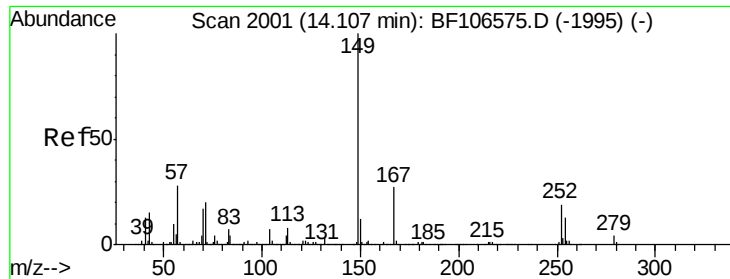
Tgt Ion:252 Resp: 330
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 82.3 11.3 16.9#



#82
 Chrysene
 Concen: 1.467 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Tgt Ion:228 Resp: 14038
 Ion Ratio Lower Upper
 228 100
 226 33.6 25.0 37.6
 229 25.0 16.2 24.4#

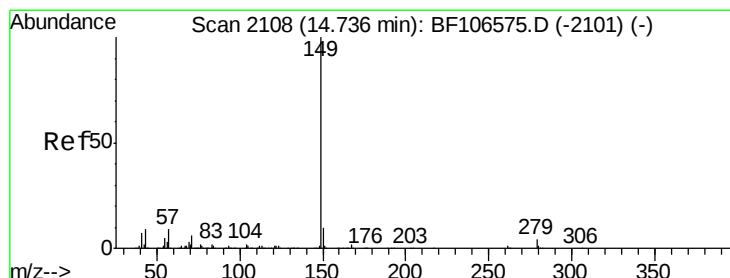
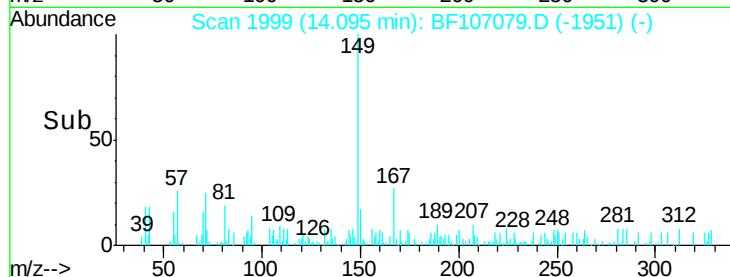
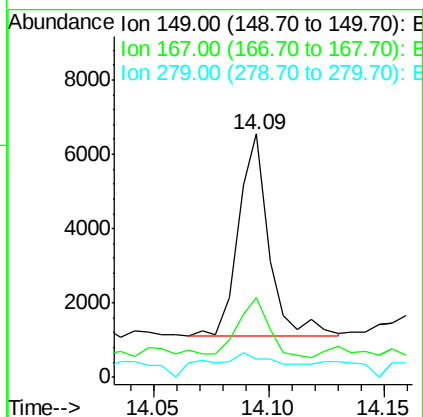
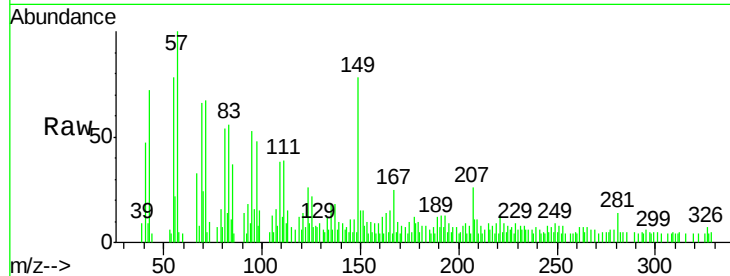




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.849 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

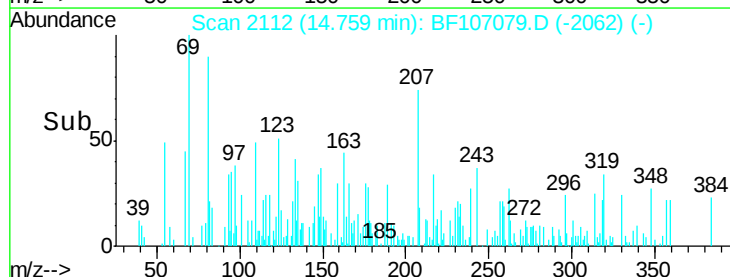
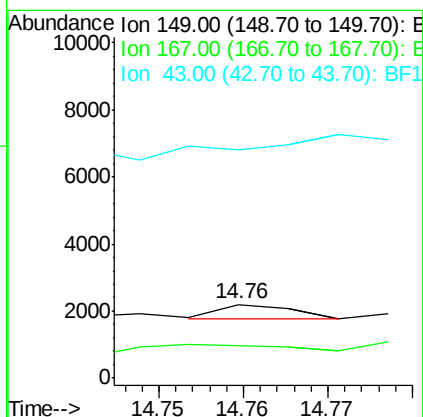
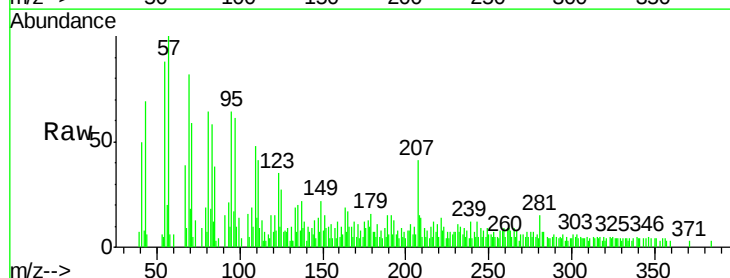
Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

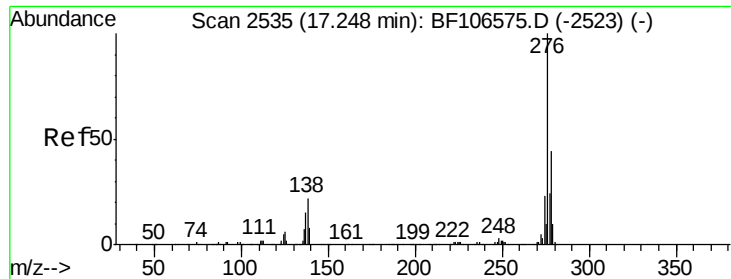
Tgt Ion:149 Resp: 5026
 Ion Ratio Lower Upper
 149 100
 167 32.5 21.3 31.9#
 279 7.5 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.028 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Tgt Ion:149 Resp: 271
 Ion Ratio Lower Upper
 149 100
 167 169.7 1.2 1.8#
 43 0.0 8.4 12.6#

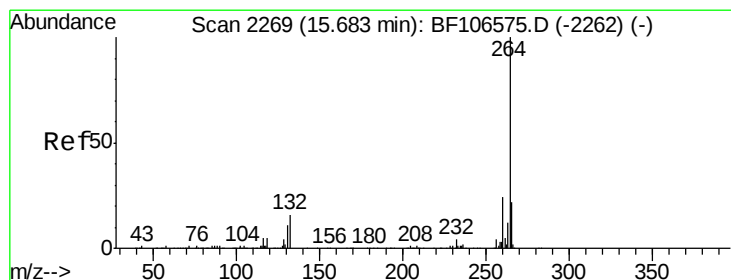
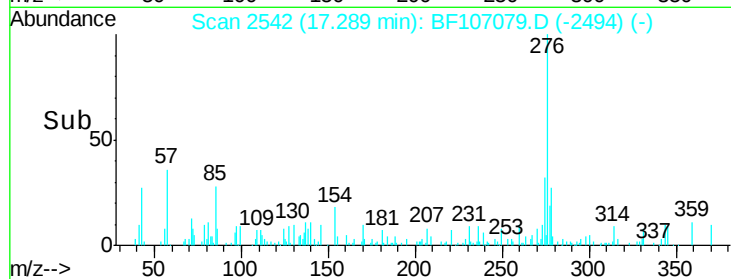
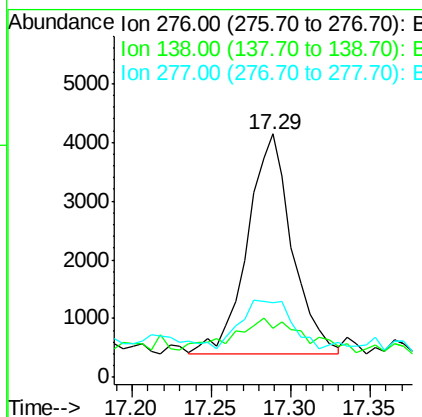
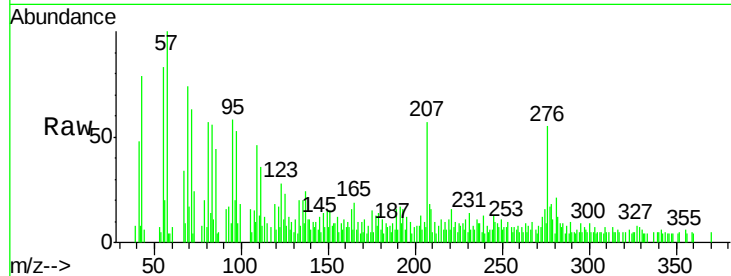




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.906 ng
 RT: 17.29 min Scan# 2542
 Delta R.T. -0.02 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

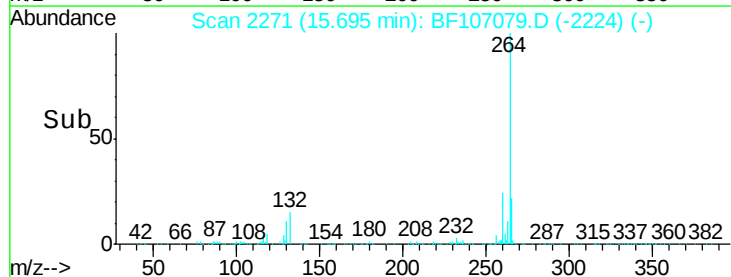
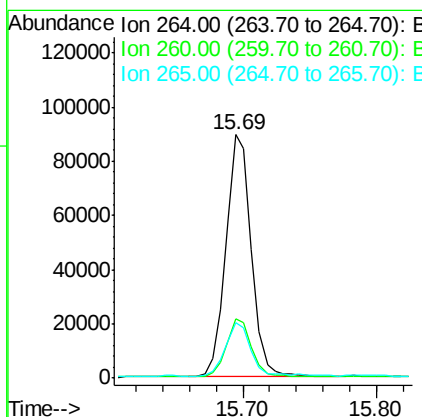
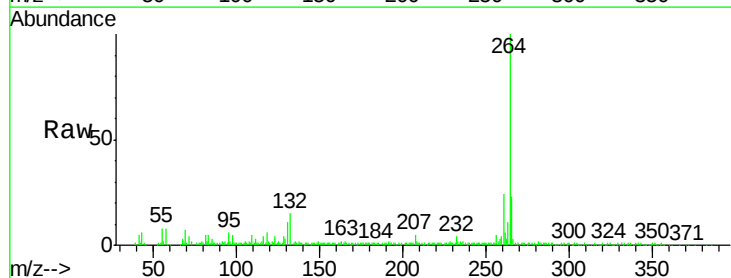
Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

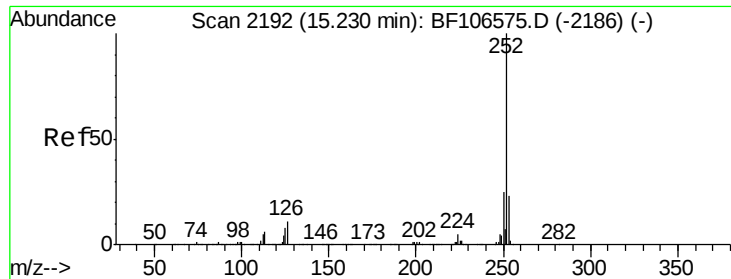
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107079.D
 Acq: 3 Jul 2018 13:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.8	17.5	26.3

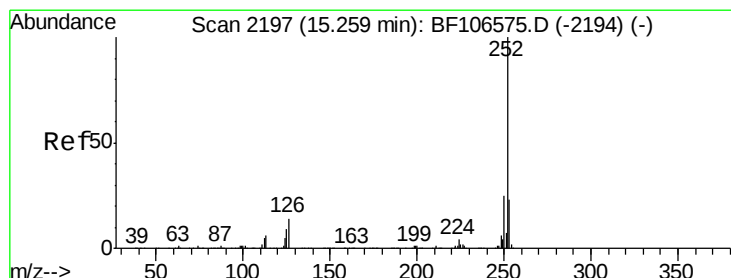
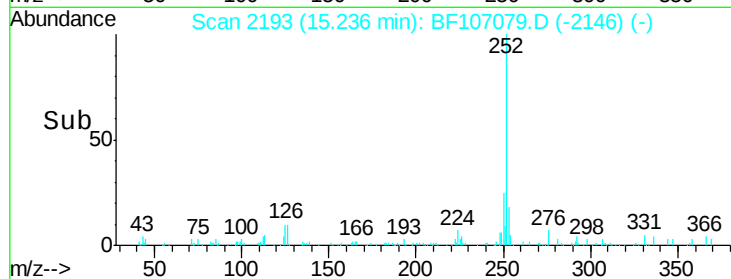
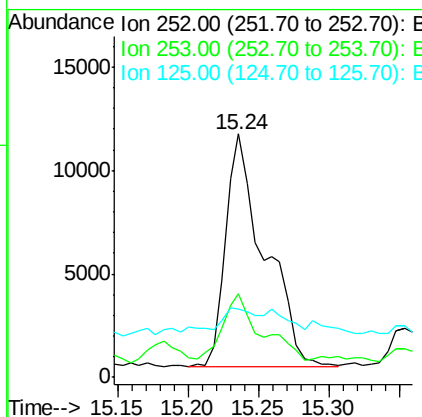
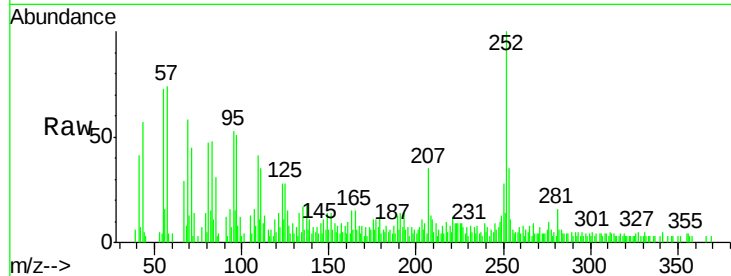




#87
Benzo(b)fluoranthene
Concen: 2.915 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

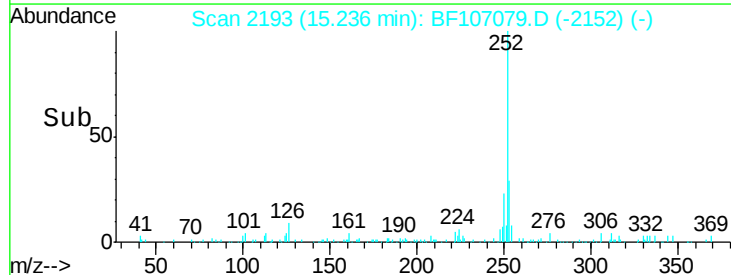
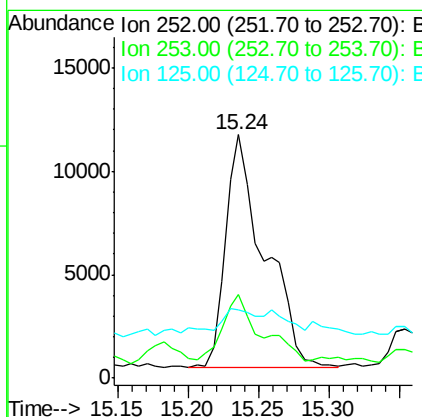
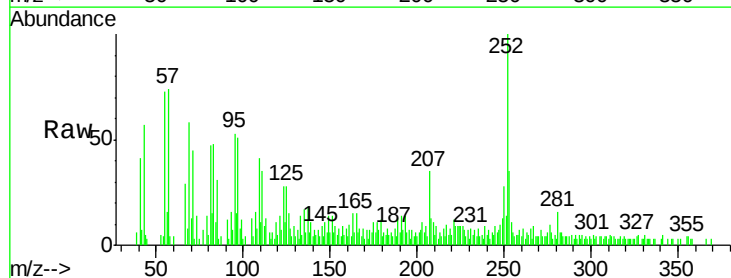
Instrument :
BNA_F
ClientSampleId :
A0C14-01

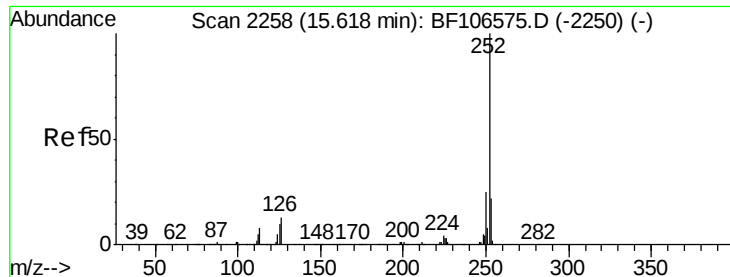
Tgt Ion:252 Resp: 21633
Ion Ratio Lower Upper
252 100
253 34.5 17.0 25.6#
125 27.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 3.061 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107079.D
Acq: 3 Jul 2018 13:51

Tgt Ion:252 Resp: 21633
Ion Ratio Lower Upper
252 100
253 34.5 17.9 26.9#
125 27.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 1.658 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01

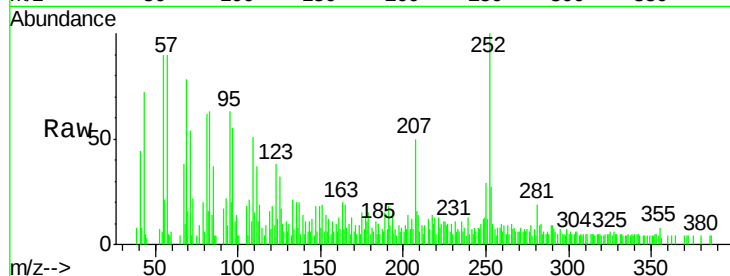
Tgt Ion:252 Resp: 10938

Ion Ratio Lower Upper

252 100

253 26.7 17.1 25.7#

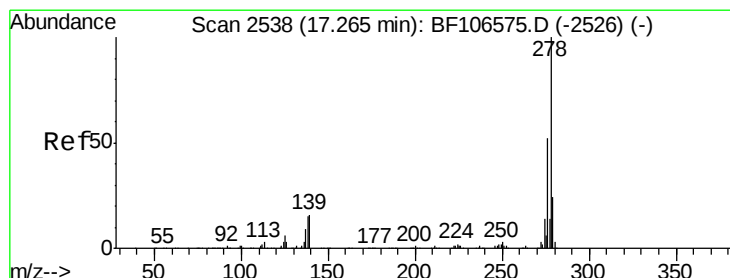
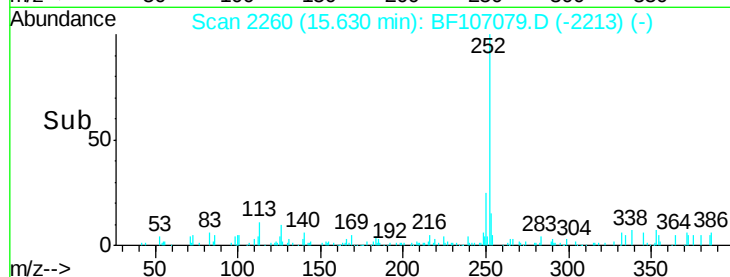
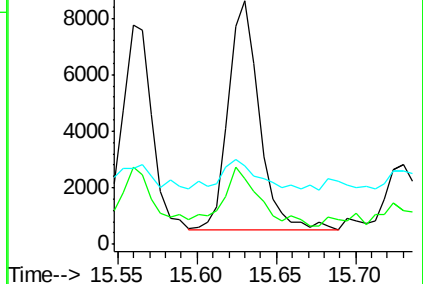
125 32.1 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.509 ng

RT: 17.29 min Scan# 2542

Delta R.T. -0.04 min

Lab File: BF107079.D

Acq: 3 Jul 2018 13:51

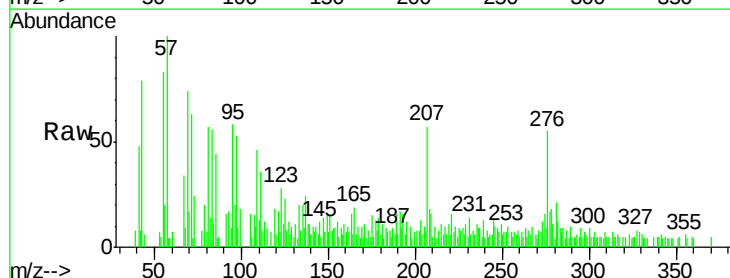
Tgt Ion:278 Resp: 2847

Ion Ratio Lower Upper

278 100

139 61.9 15.9 23.9#

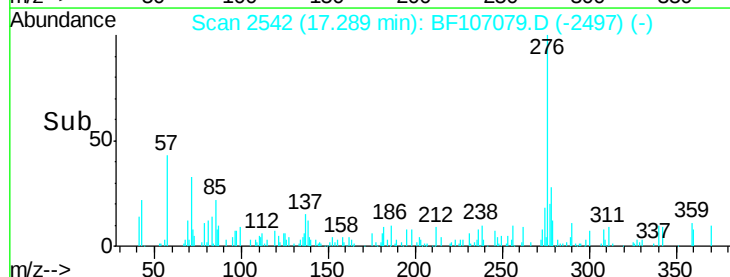
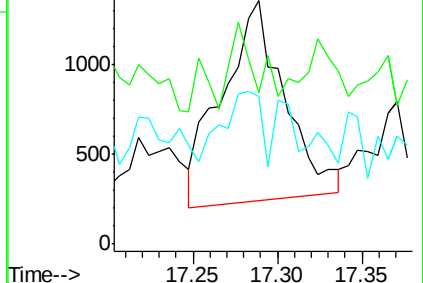
279 60.7 19.0 28.4#

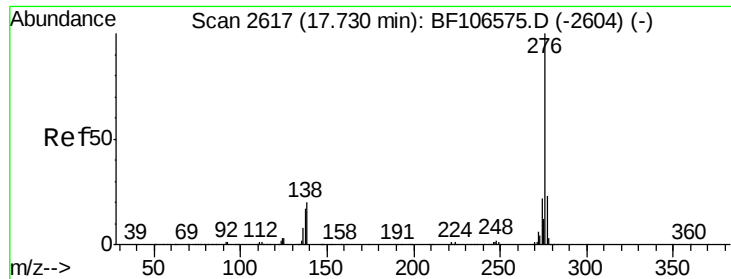


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.538 ng

RT: 17.77 min Scan# 2624

Delta R.T. -0.02 min

Lab File: BF107079.D

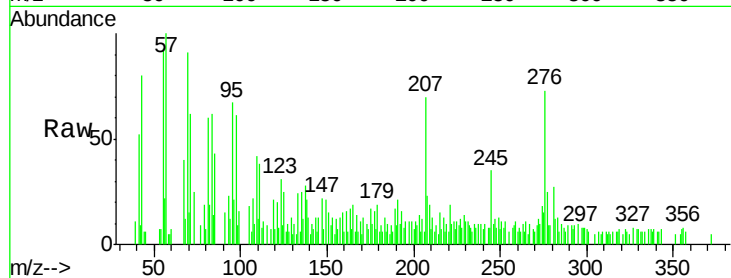
Acq: 3 Jul 2018 13:51

Instrument :

BNA_F

ClientSampleId :

A0C14-01



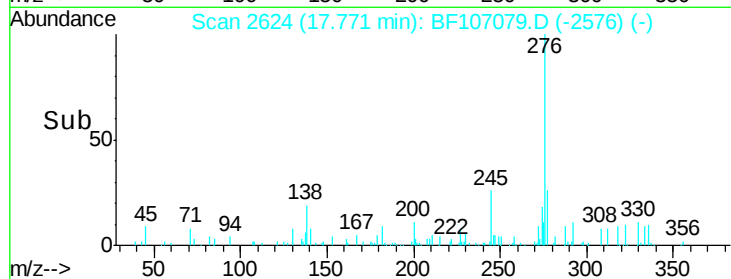
Tgt Ion: 276 Resp: 8407

Ion Ratio Lower Upper

276 100

277 34.6 17.9 26.9#

138 29.3 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

