

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106827.D
 Acq On : 26 Jun 2018 17:14
 Operator : JU/SJ
 Sample : J3684-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Jun 27 01:09:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

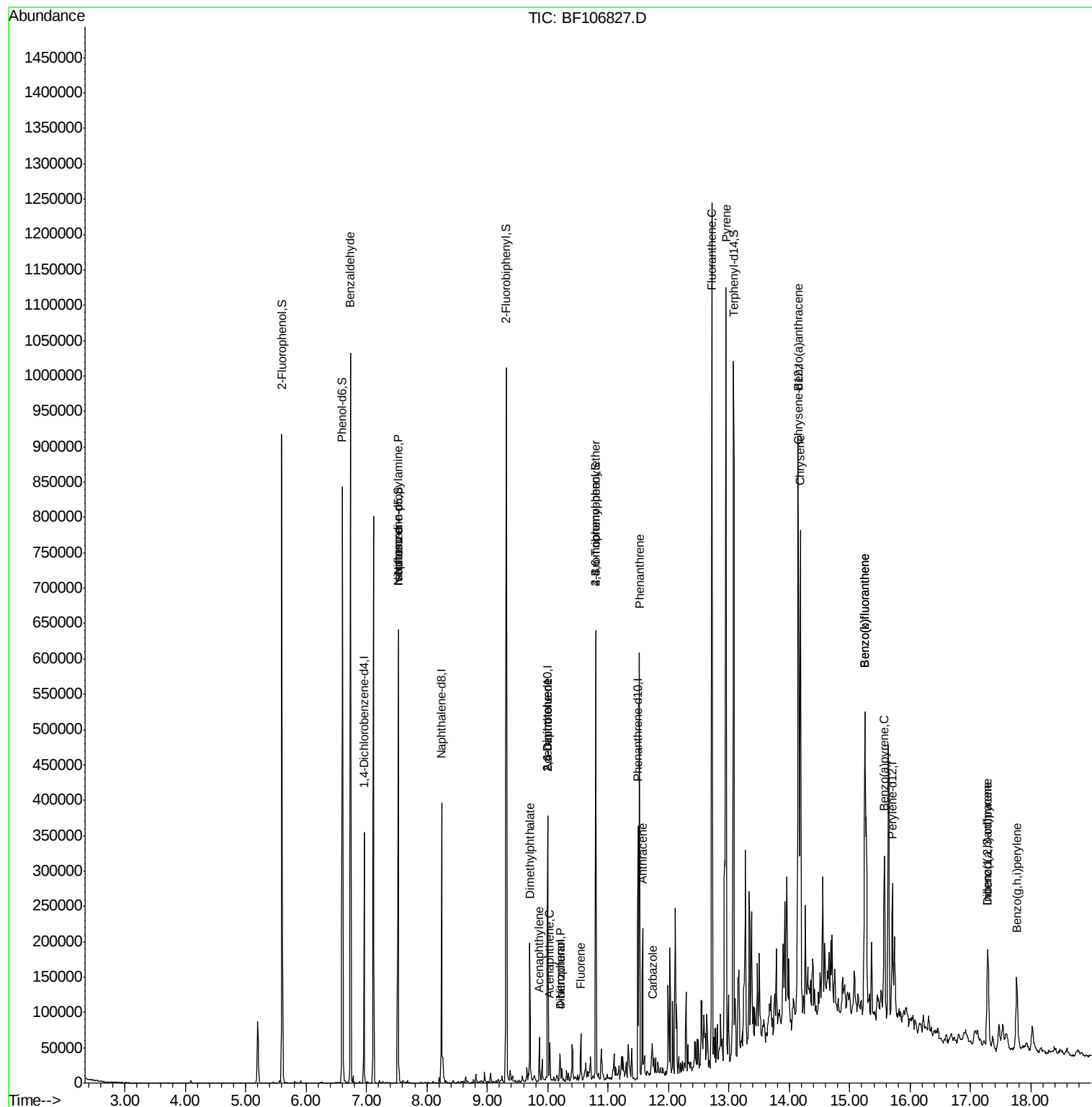
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	47506	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	170637	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	72415	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	127390	20.00	ng	0.00
75) Chrysene-d12	14.16	240	130041	20.00	ng	0.00
86) Perylene-d12	15.71	264	91888	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	275750	98.29	ng	0.00
7) Phenol-d6	6.60	99	340502	97.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	209054	68.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	84594	100.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	344129	79.48	ng	-0.01
78) Terphenyl-d14	13.08	244	359879	67.04	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	6181	2.103	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	26970	11.678	ng	# 71
20) 3+4-Methylphenols	7.38	107	390	Below Cal		# 69
25) Isophorone	7.52	82	209052	38.637	ng	# 64
48) Acenaphthylene	9.87	152	27970	3.900	ng	98
49) Dimethylphthalate	9.71	163	73276	13.492	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	9681	8.418	ng	# 24
51) Acenaphthene	10.04	154	11923	2.640	ng	98
54) Dibenzofuran	10.21	168	14253	2.305	ng	95
55) 4-Nitrophenol	10.21	139	5051	5.468	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	9681	6.449	ng	# 21
57) Fluorene	10.55	166	18412	3.752	ng	# 98
66) 4-Bromophenyl-phenylether	10.80	248	5054	3.324	ng	# 1
70) Phenanthrene	11.52	178	224790	36.585	ng	98
71) Anthracene	11.57	178	78164	12.463	ng	98
72) Carbazole	11.72	167	15911	2.710	ng	98
74) Fluoranthene	12.72	202	535798	79.117	ng	96
77) Pyrene	12.95	202	516286	60.206	ng	99
80) Benzo(a)anthracene	14.15	228	348828	44.013	ng	97
82) Chrysene	14.18	228	274369	37.629	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	95844	15.489	ng	# 88
87) Benzo(b)fluoranthene	15.25	252	392762	68.809	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	392762	72.255	ng	# 96
89) Benzo(a)pyrene	15.57	252	125181	24.670	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	26418	6.143	ng	# 70
91) Benzo(g,h,i)perylene	17.77	276	90969	21.642	ng	# 89

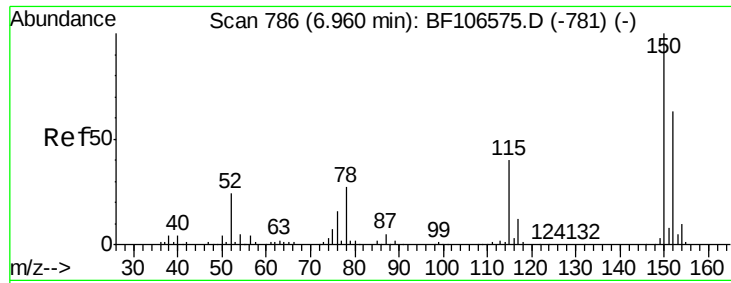
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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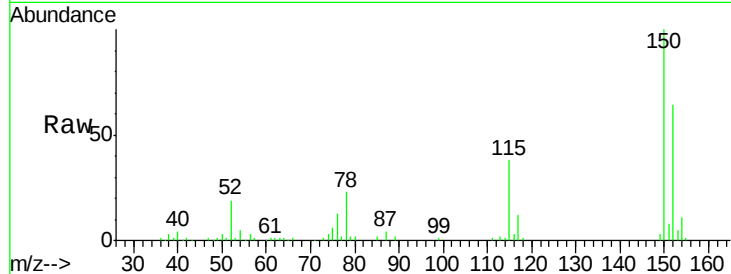


#1

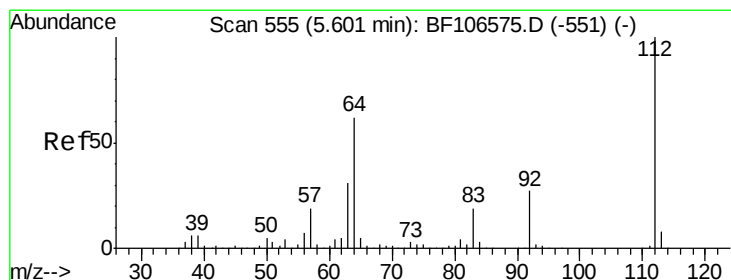
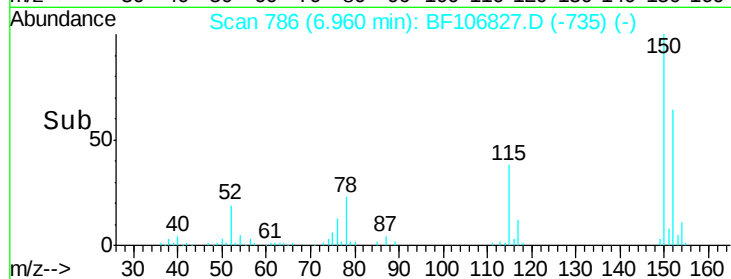
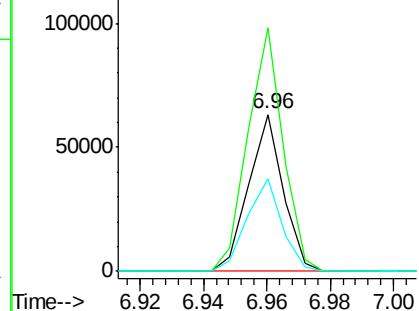
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:152 Resp: 47506
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 58.6 50.1 75.1



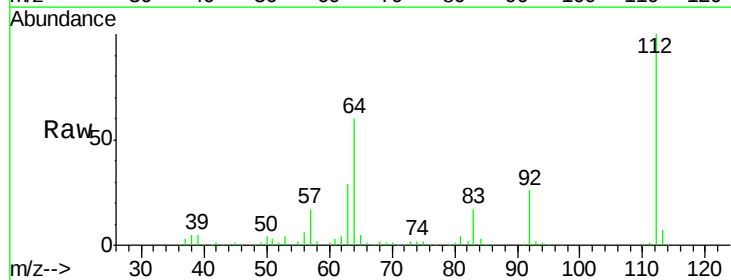
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



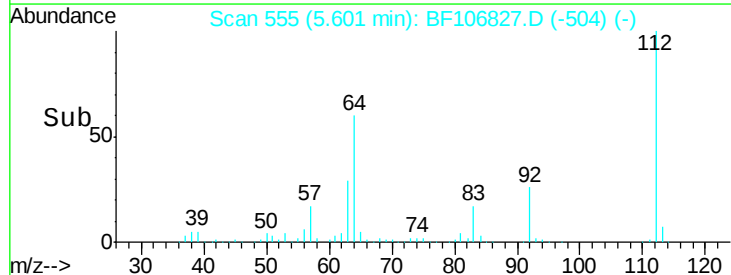
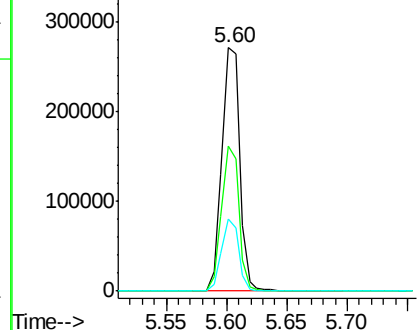
#5

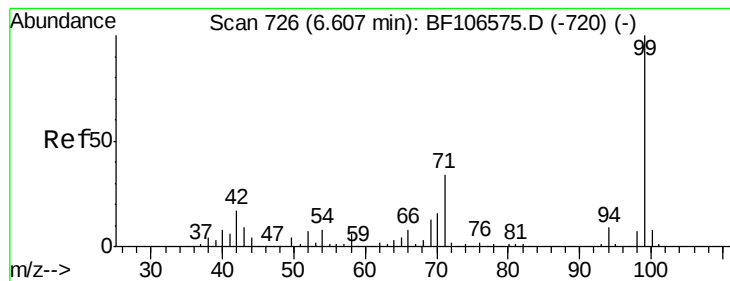
2-Fluorophenol
Concen: 98.289 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:112 Resp: 275750
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 29.4 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: 97.188 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

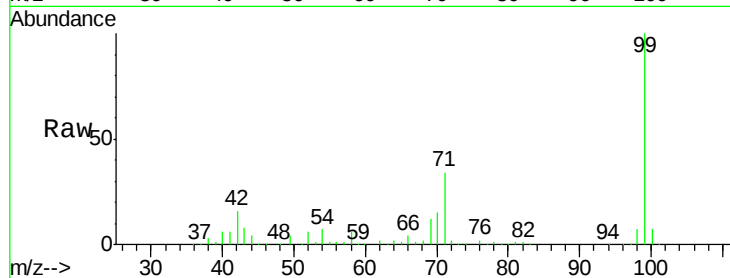
Tgt Ion: 99 Resp: 340502

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

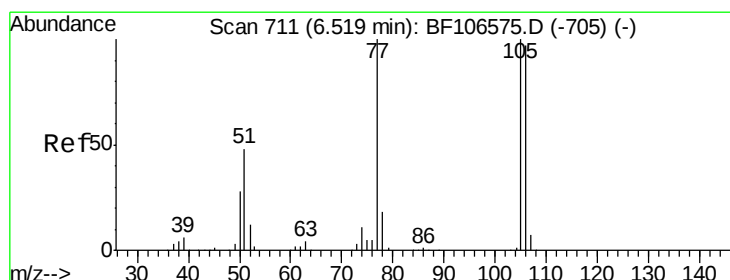
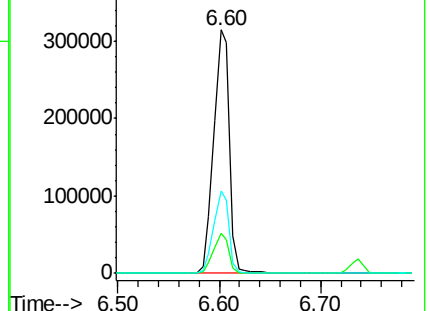
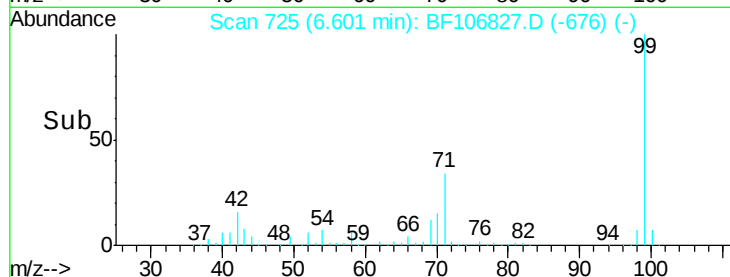
71 33.7 25.4 38.0



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: 2.103 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

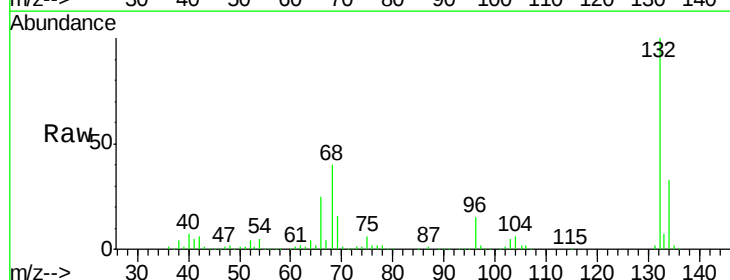
Tgt Ion: 77 Resp: 6181

Ion Ratio Lower Upper

77 100

105 83.3 81.1 121.1

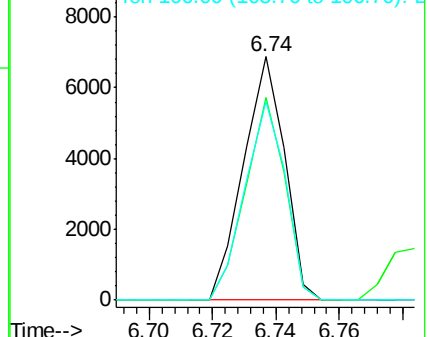
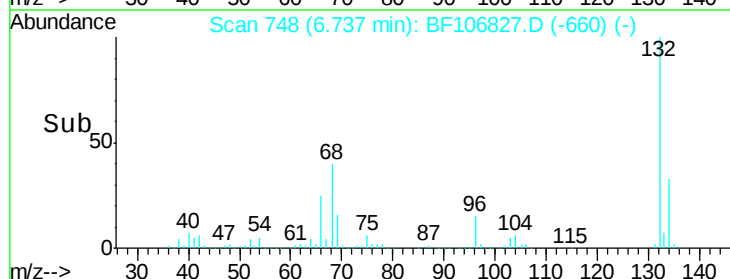
106 81.8 74.5 114.5

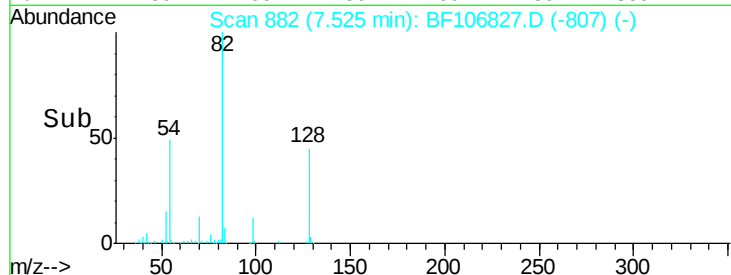
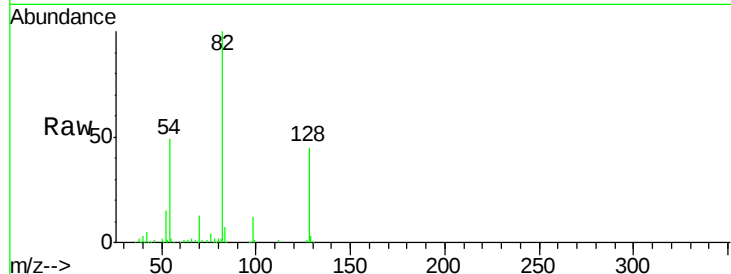
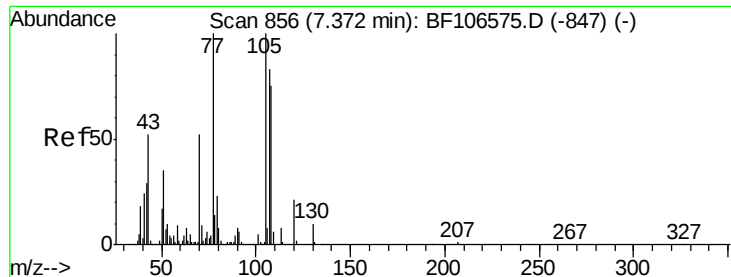


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

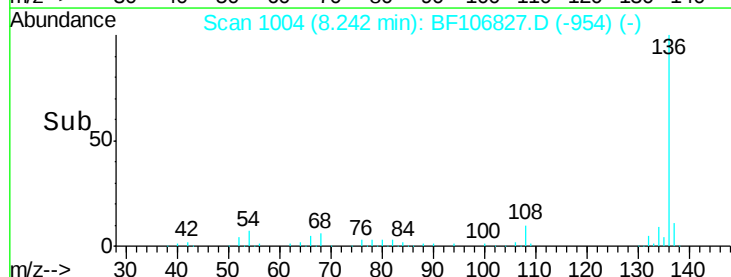
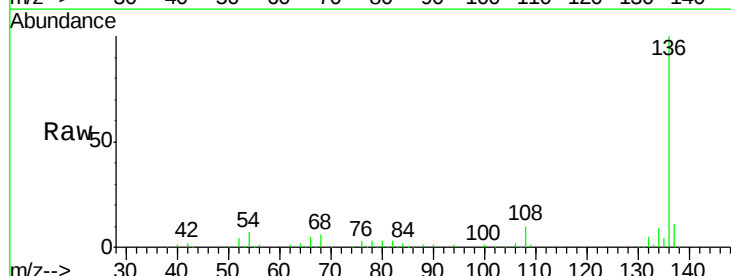
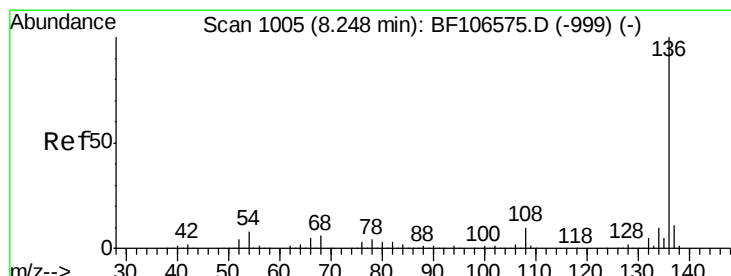
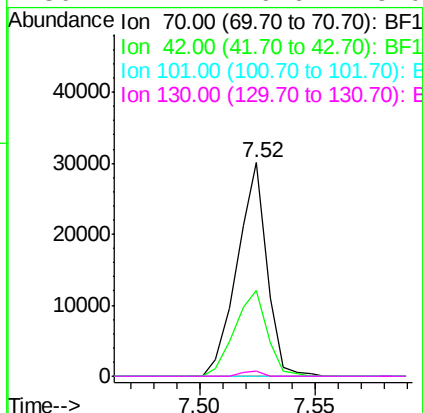




#19
n-Nitroso-di-n-propylamine
Concen: 11.678 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

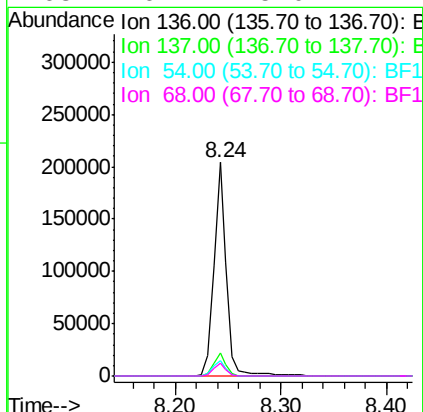
Instrument :
BNA_F
ClientSampleId :
TP-1-S

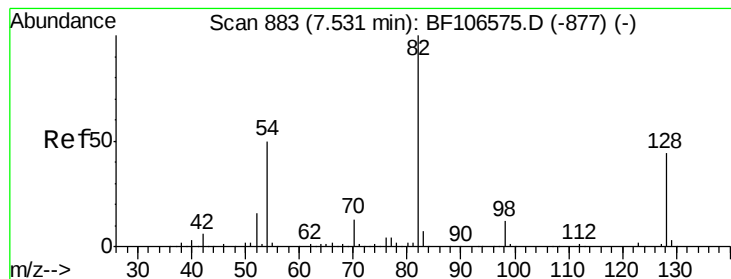
Tgt Ion: 70 Resp: 26970
Ion Ratio Lower Upper
70 100
42 40.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 136 Resp: 170637
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.5 6.6 9.8
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 68.085 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

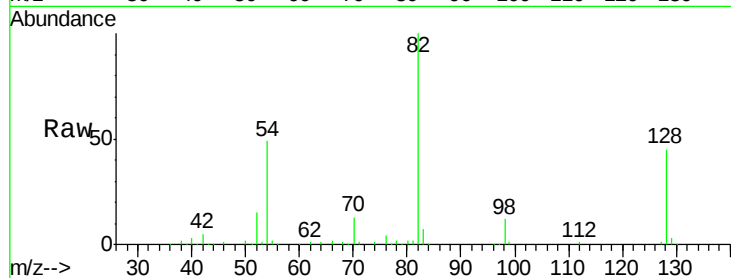
Tgt Ion: 82 Resp: 209054

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

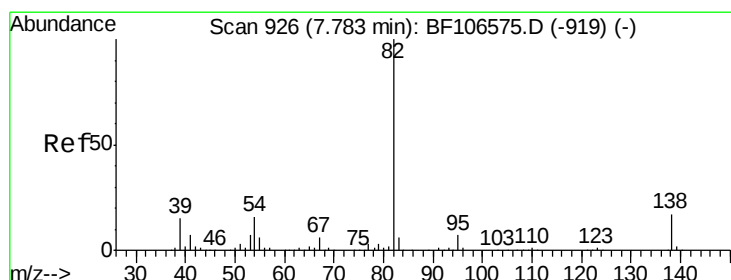
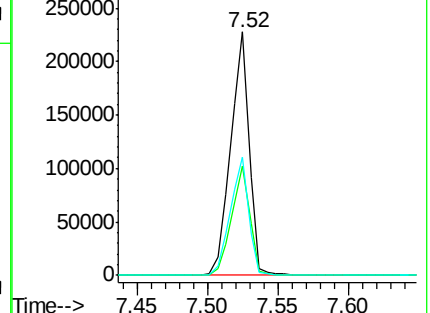
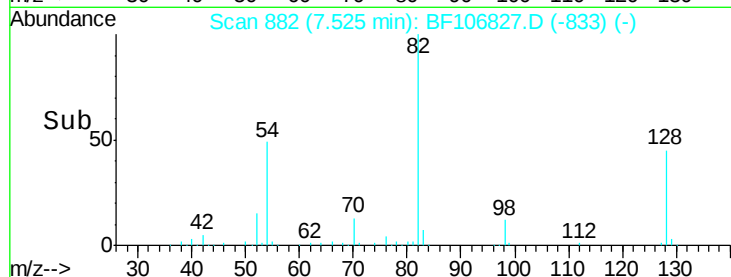
54 48.8 41.4 62.2



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: 38.637 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

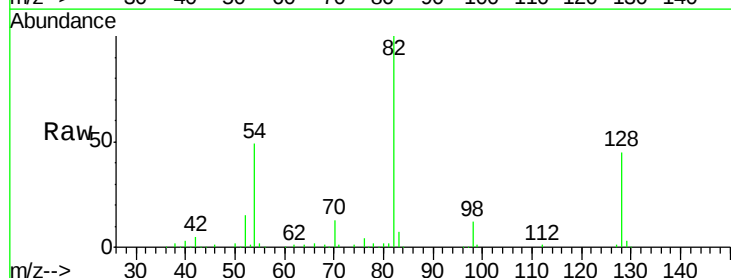
Tgt Ion: 82 Resp: 209052

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

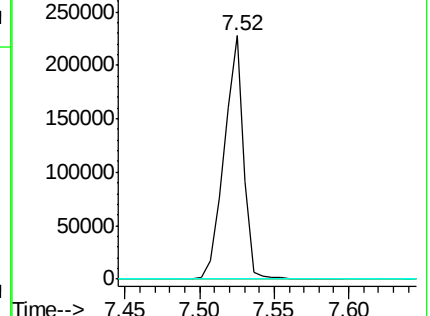
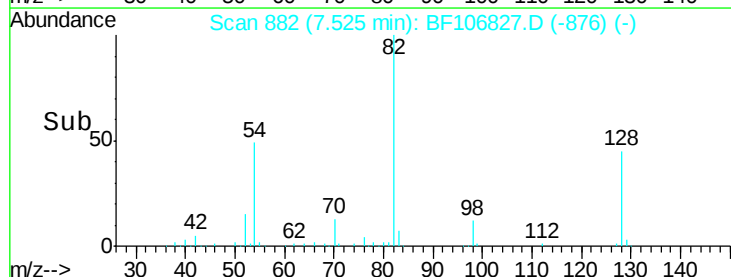
138 0.0 14.9 22.3#

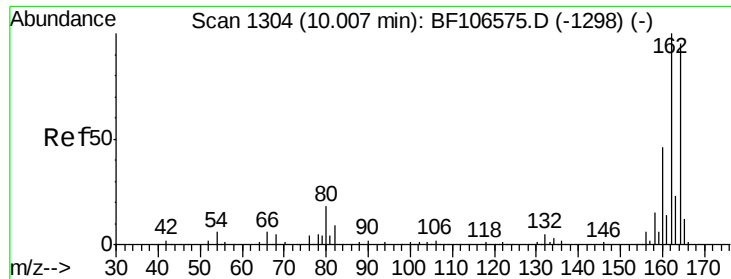


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106827.D

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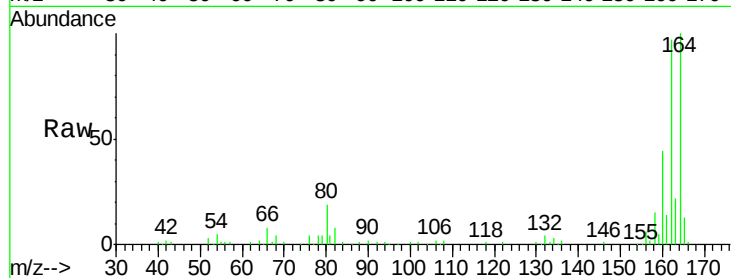
Tgt Ion:164 Resp: 72415

Ion Ratio Lower Upper

164 100

162 97.3 86.1 129.1

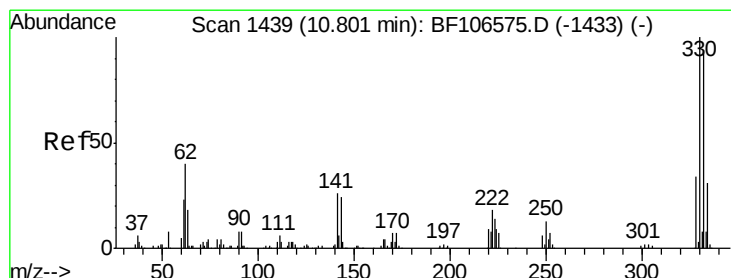
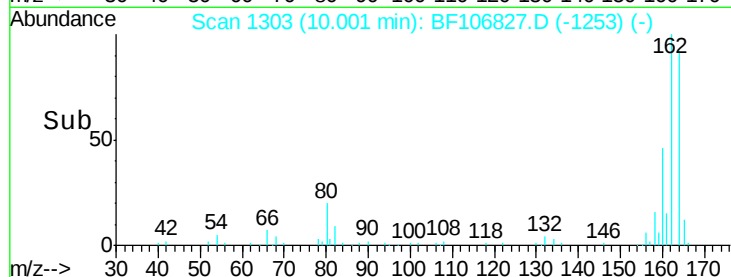
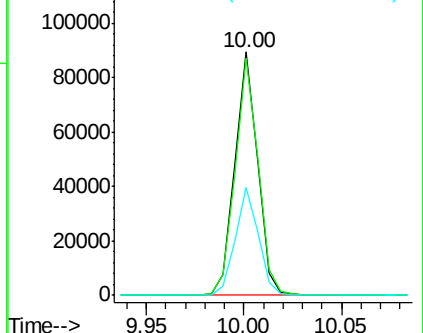
160 44.5 38.3 57.5



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: 100.790 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

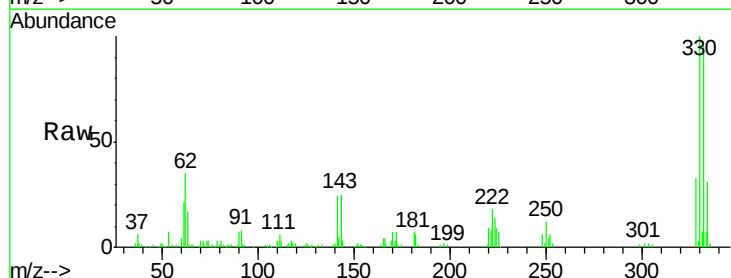
Tgt Ion:330 Resp: 84594

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

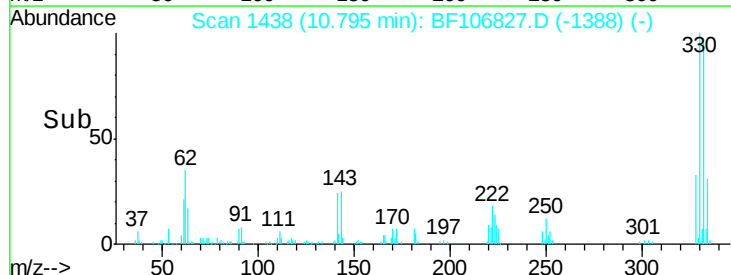
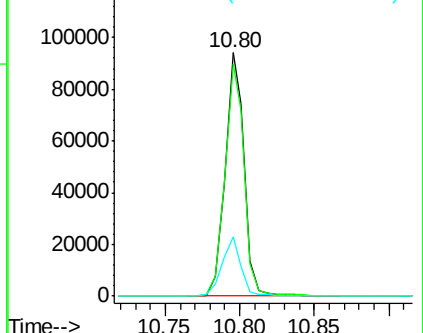
141 24.1 29.9 44.9#

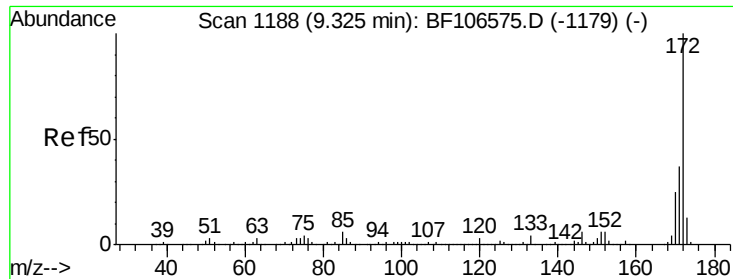


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

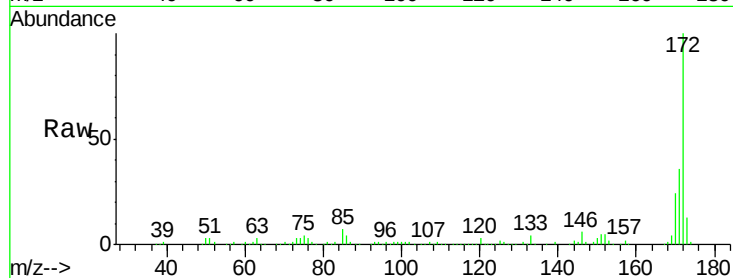




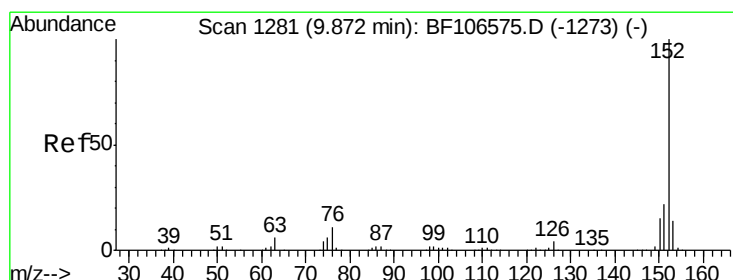
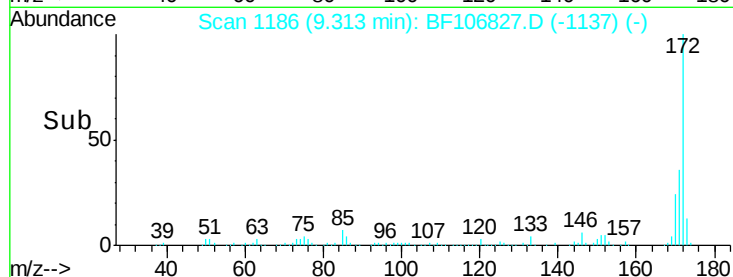
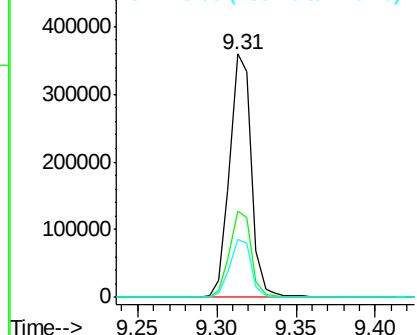
#44
 2-Fluorobiphenyl
 Concen: 79.478 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 344129
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4

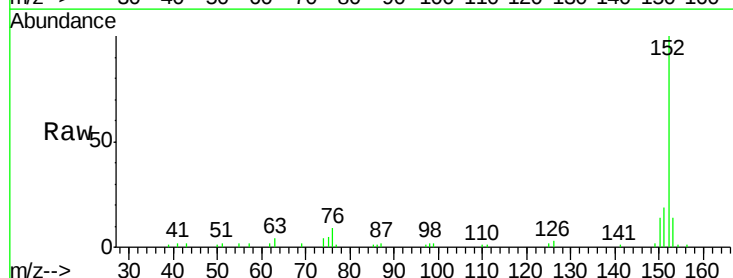


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

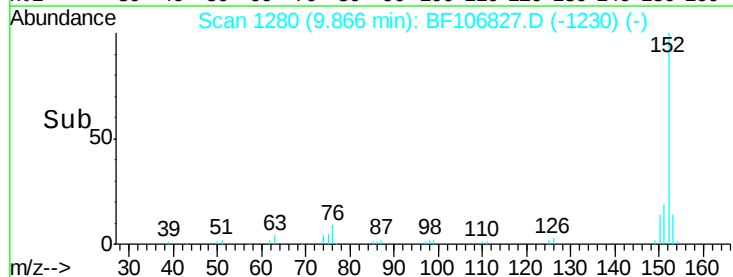
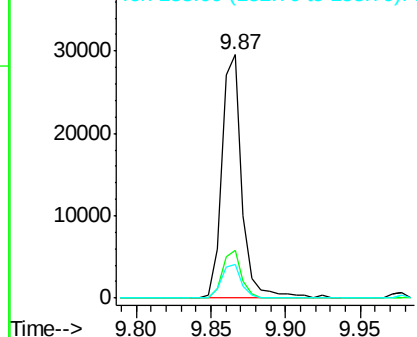


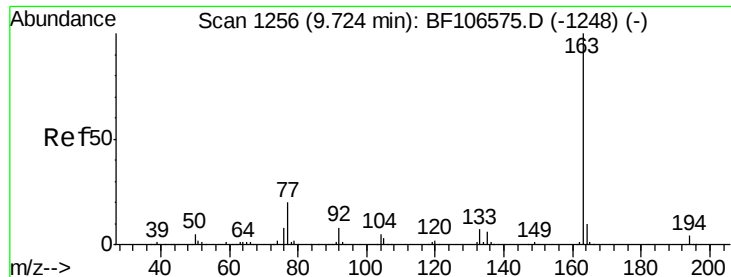
#48
 Acenaphthylene
 Concen: 3.900 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Tgt Ion:152 Resp: 27970
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.3 24.5
 153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

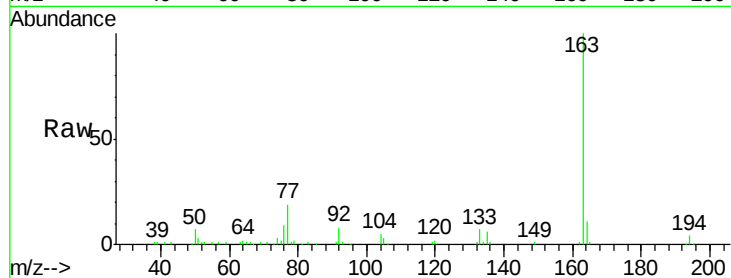




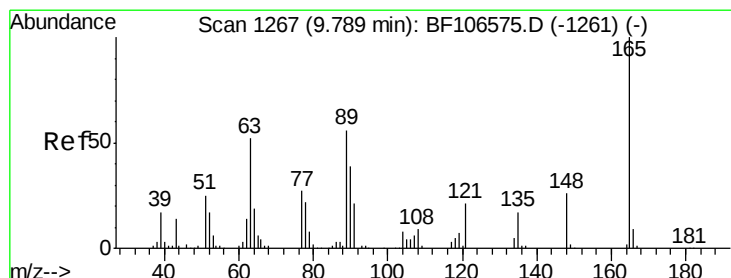
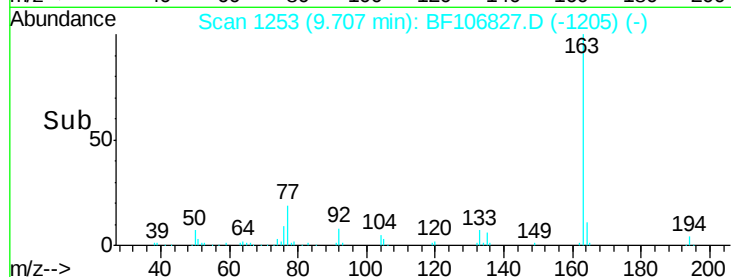
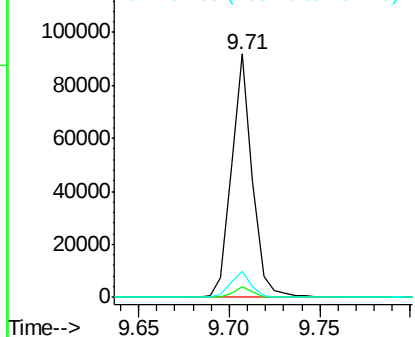
#49
Dimethylphthalate
Concen: 13.492 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:163 Resp: 73276
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.8 8.2 12.2

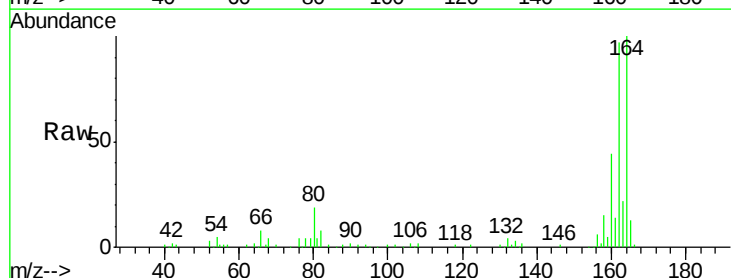


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

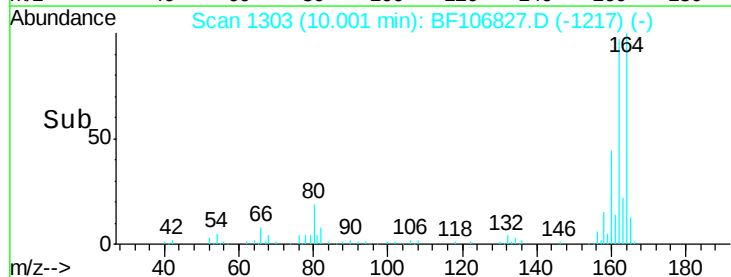
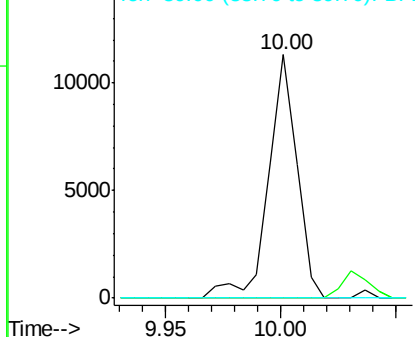


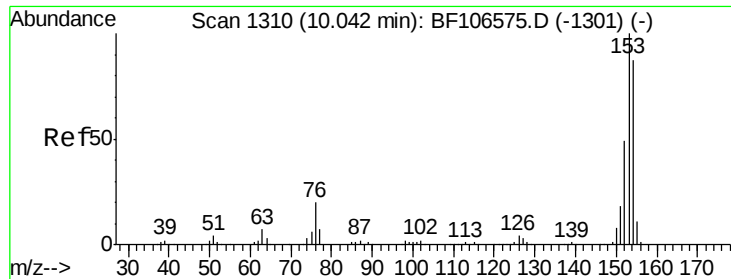
#50
2,6-Dinitrotoluene
Concen: 8.418 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:165 Resp: 9681
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

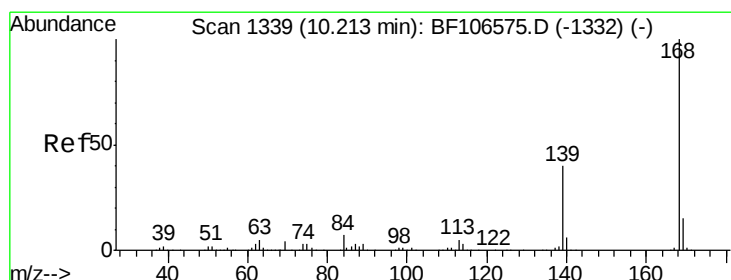
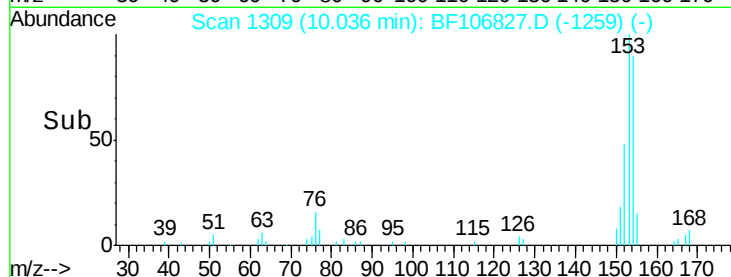
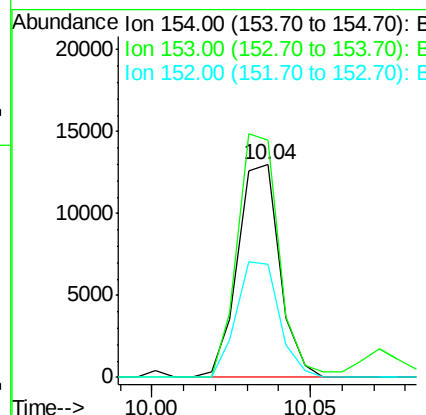
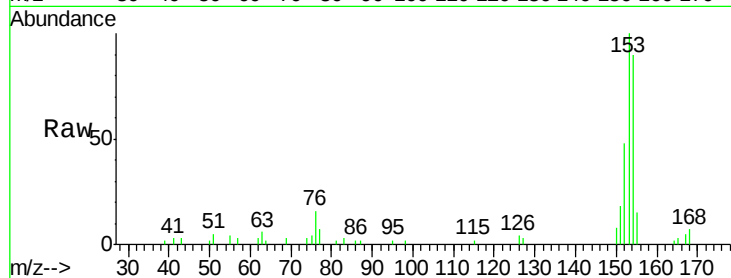




#51
Acenaphthene
Concen: 2.640 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

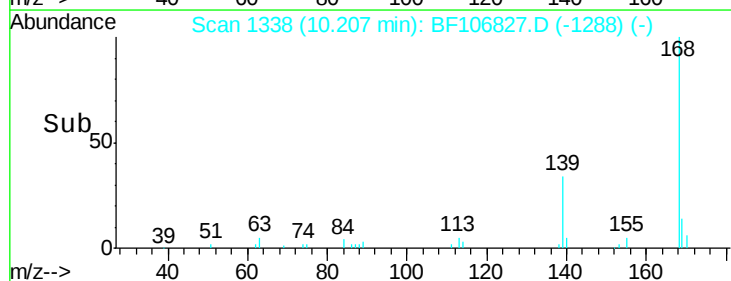
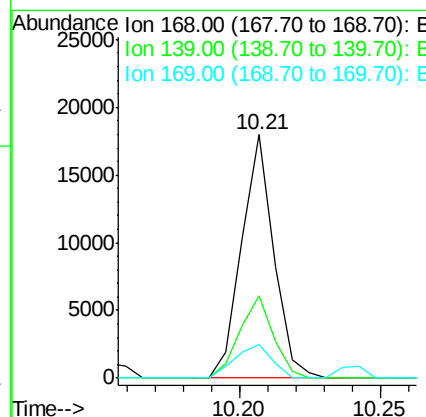
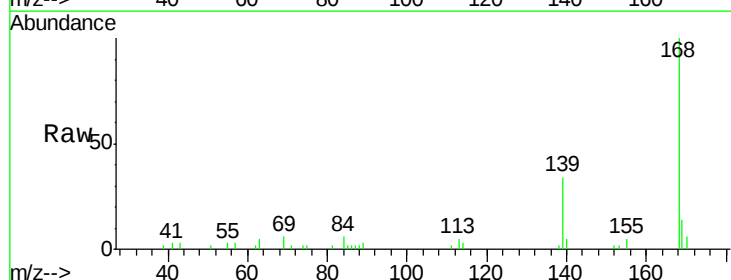
Instrument :
BNA_F
ClientSampleId :
TP-1-S

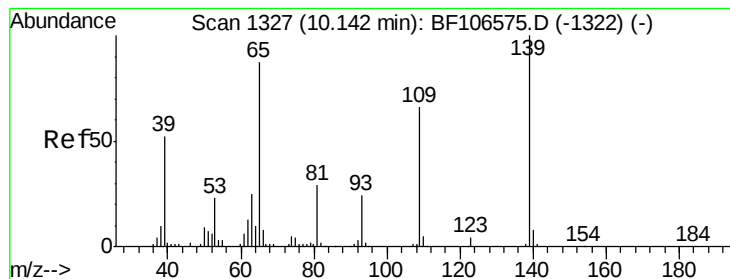
Tgt Ion:154 Resp: 11923
Ion Ratio Lower Upper
154 100
153 111.6 91.2 136.8
152 53.1 43.8 65.8



#54
Dibenzofuran
Concen: 2.305 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:168 Resp: 14253
Ion Ratio Lower Upper
168 100
139 33.8 30.1 45.1
169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 5.468 ng

RT: 10.21 min Scan# 1338

Delta R.T. 0.06 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

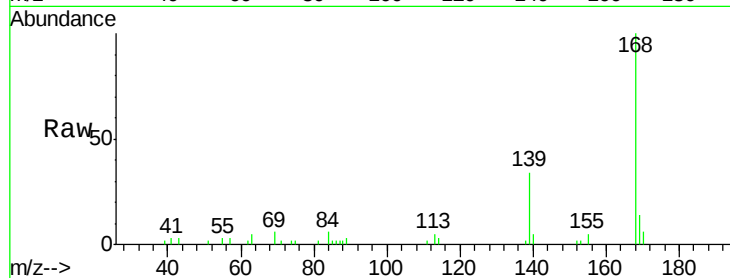
Tgt Ion:139 Resp: 5051

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

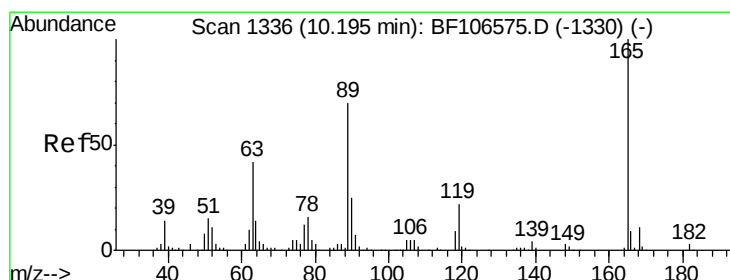
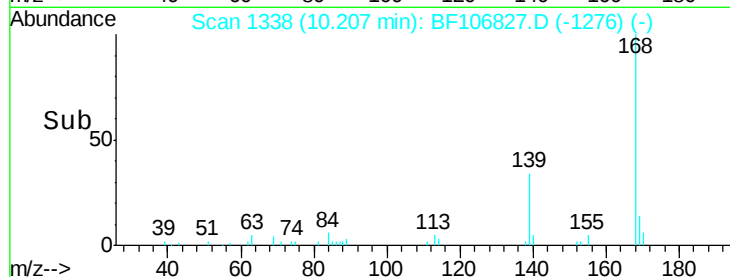
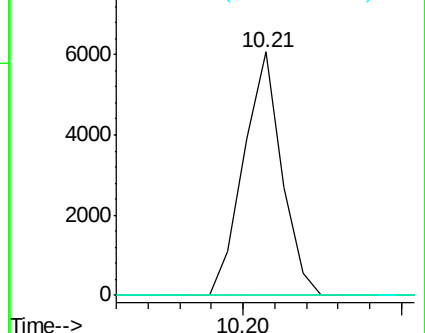
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.449 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Tgt Ion:165 Resp: 9681

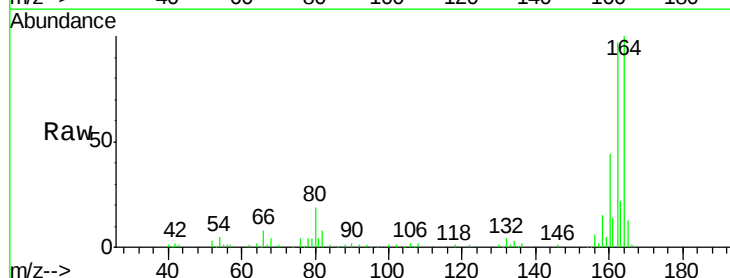
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

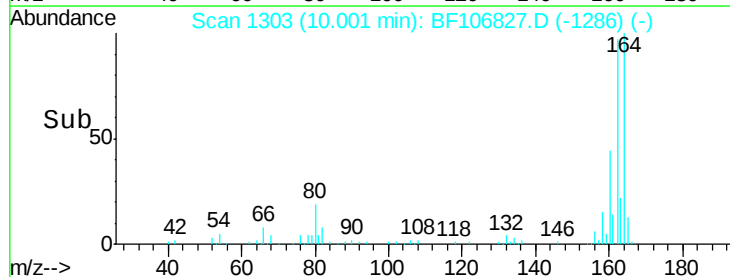
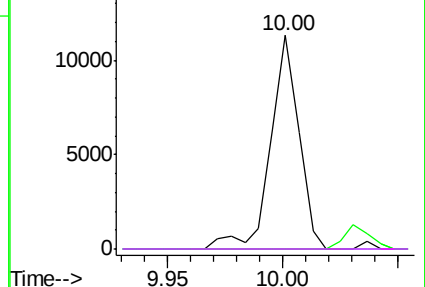


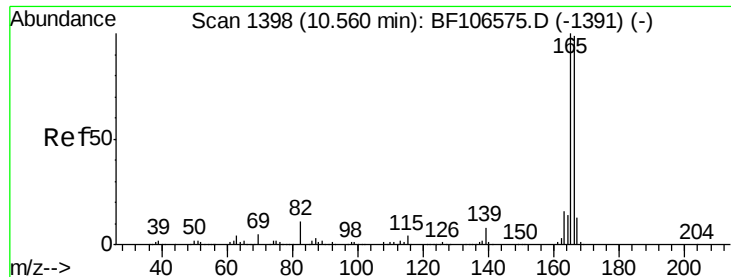
Abundance Ion 165.00 (164.70 to 165.70): E

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

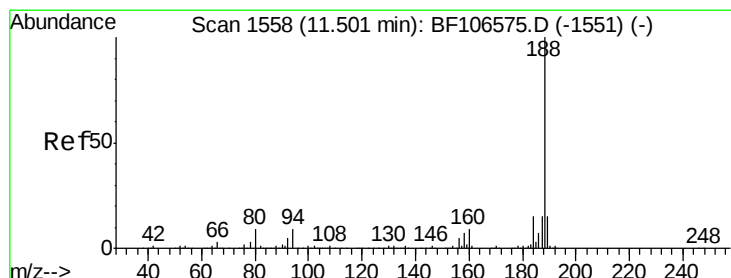
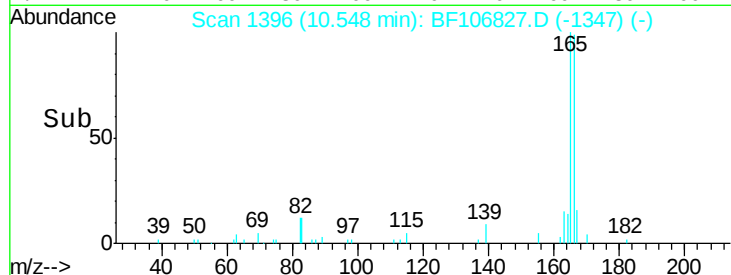
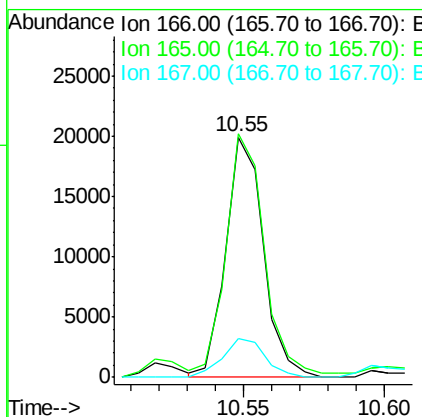
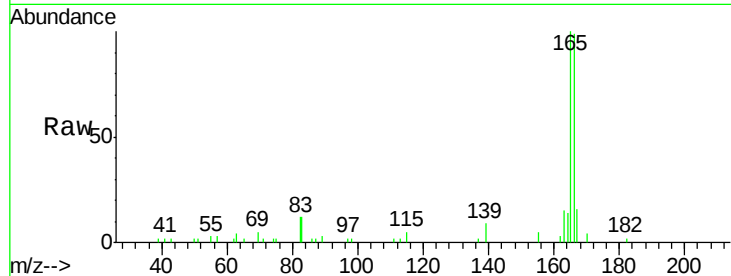




#57
Fluorene
 Concen: 3.752 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

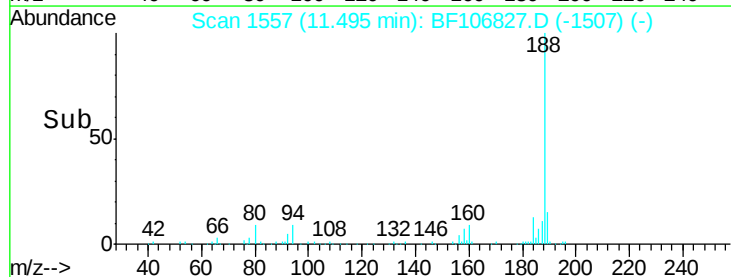
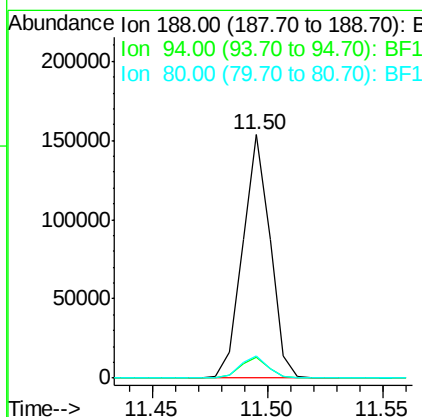
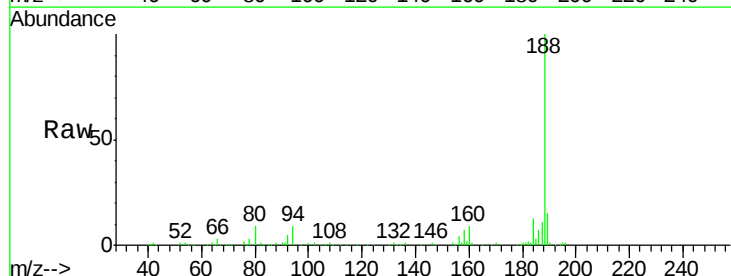
Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

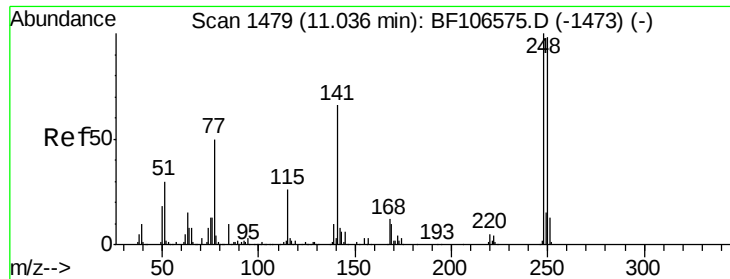
Tgt Ion:166 Resp: 18412
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.8 119.8
 167 16.0 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Tgt Ion:188 Resp: 127390
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.1 9.2 13.8#

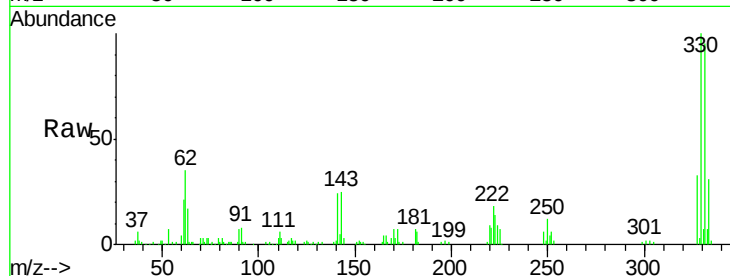




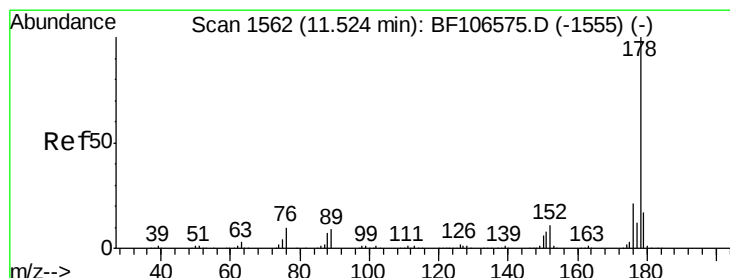
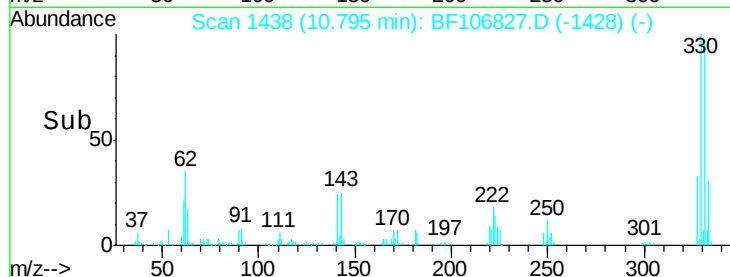
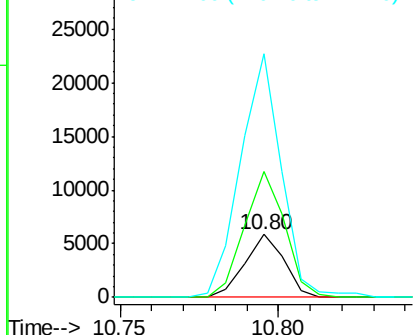
#66
4-Bromophenyl-phenylether
Concen: 3.324 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 248 Resp: 5054
Ion Ratio Lower Upper
248 100
250 200.3 76.9 115.3#
141 387.2 74.4 111.6#

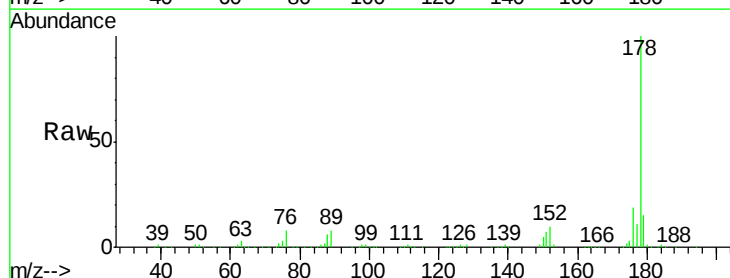


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

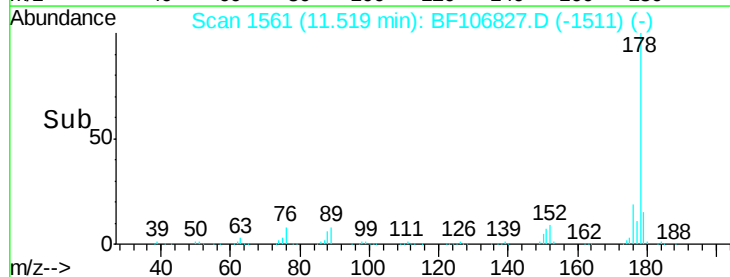
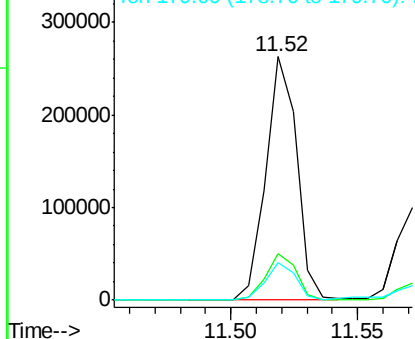


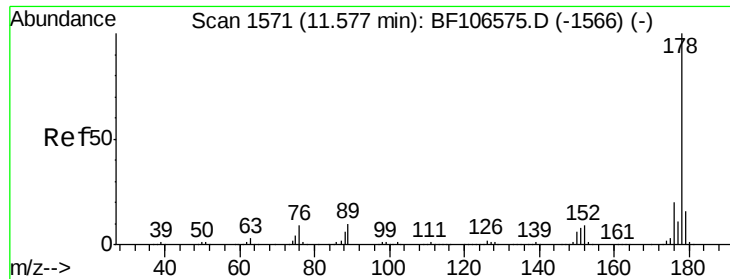
#70
Phenanthrene
Concen: 36.585 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 178 Resp: 224790
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.3 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

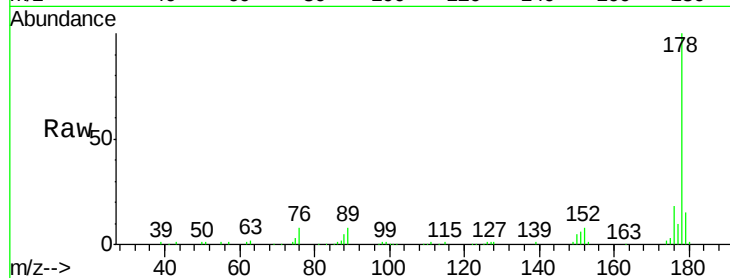




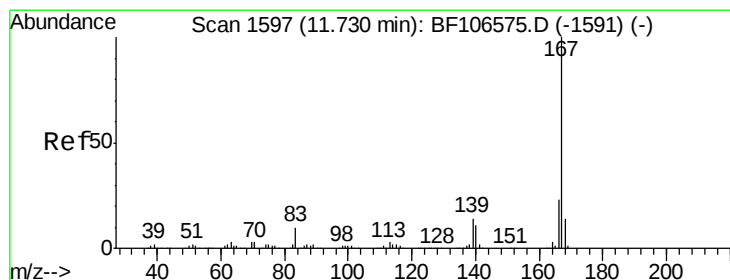
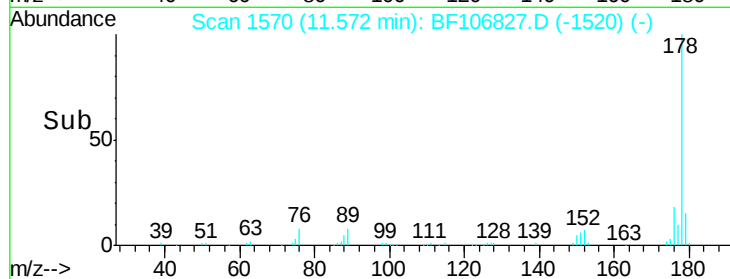
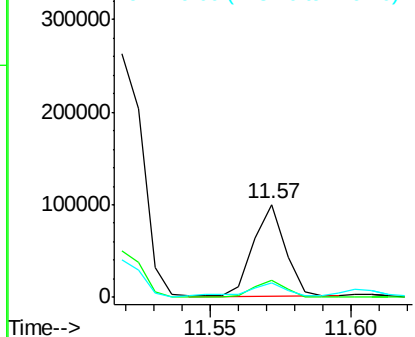
#71
 Anthracene
 Concen: 12.463 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion:178 Resp: 78164
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.1 12.6 19.0

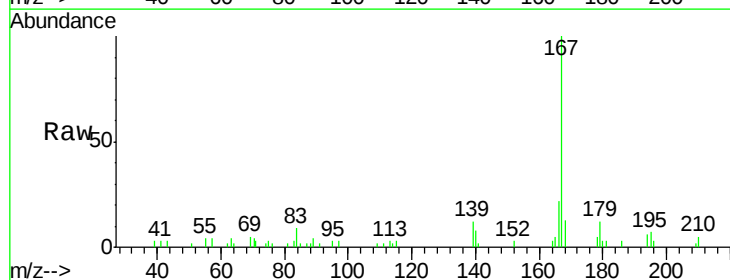


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

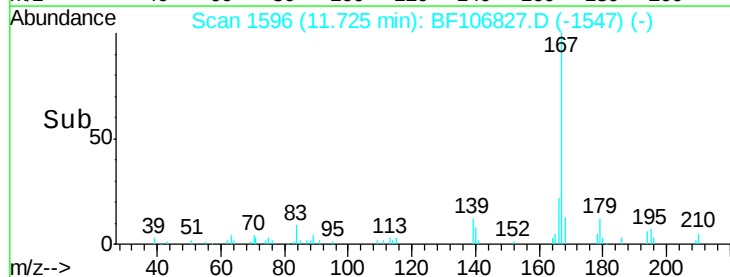
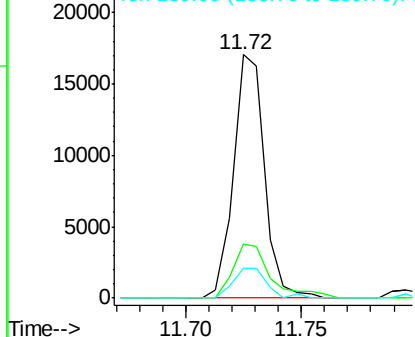


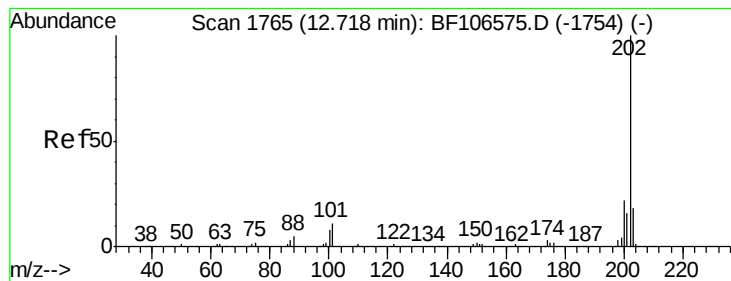
#72
 Carbazole
 Concen: 2.710 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Tgt Ion:167 Resp: 15911
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 79.117 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

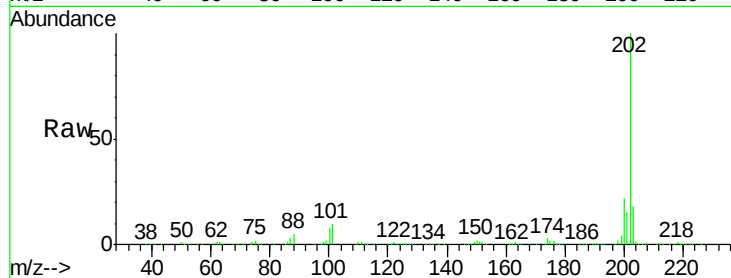
Tgt Ion: 202 Resp: 535798

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

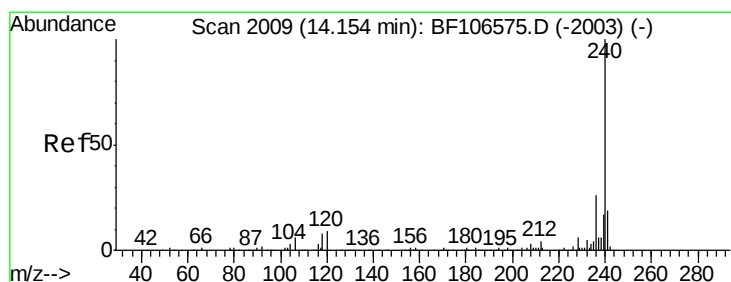
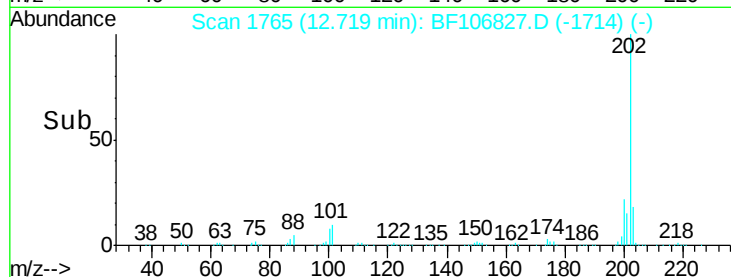
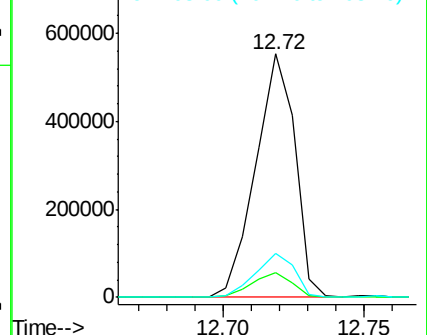
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

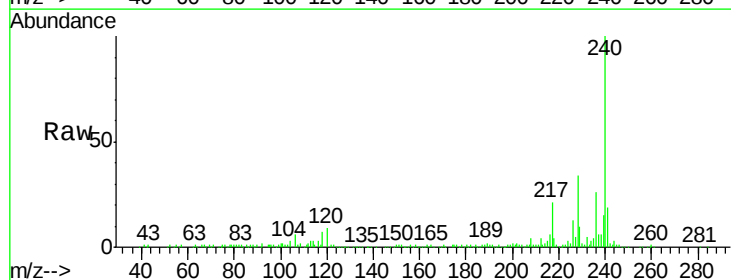
Tgt Ion: 240 Resp: 130041

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

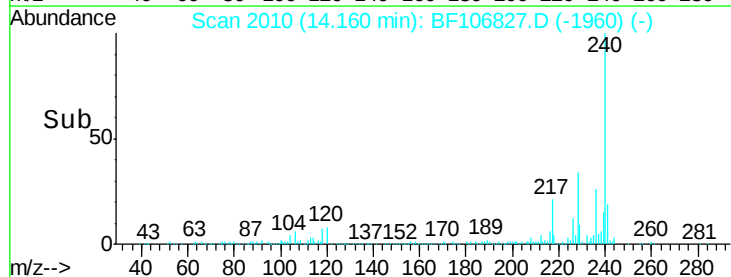
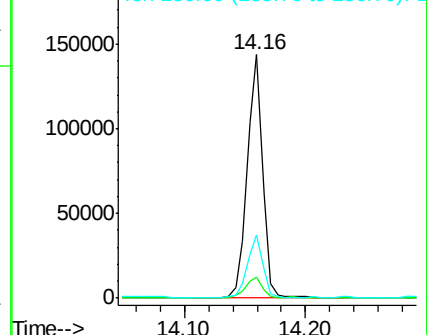
236 25.9 20.7 31.1

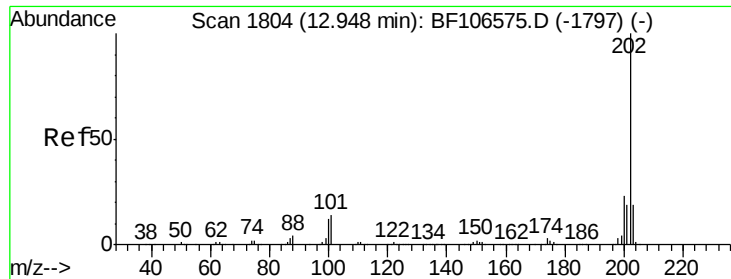


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 60.206 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

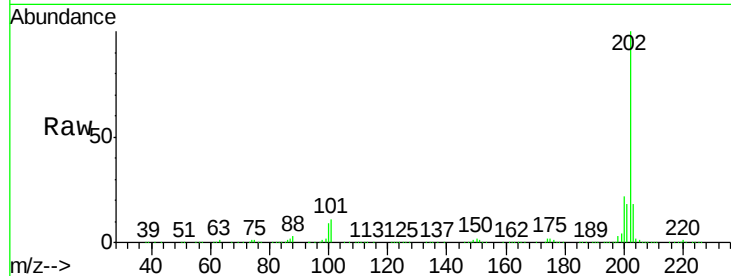
Tgt Ion: 202 Resp: 516286

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

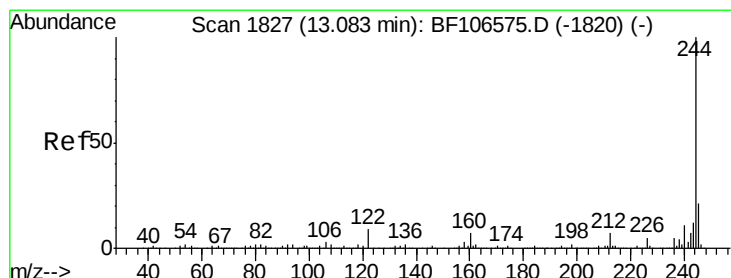
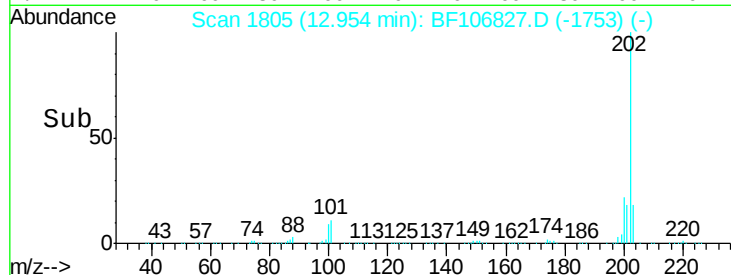
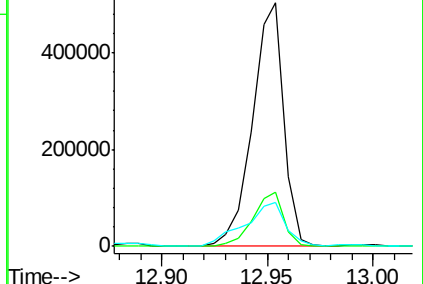
203 18.3 14.3 21.5



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: 67.035 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

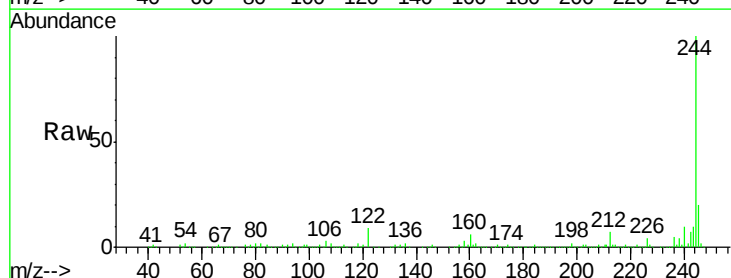
Tgt Ion: 244 Resp: 359879

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

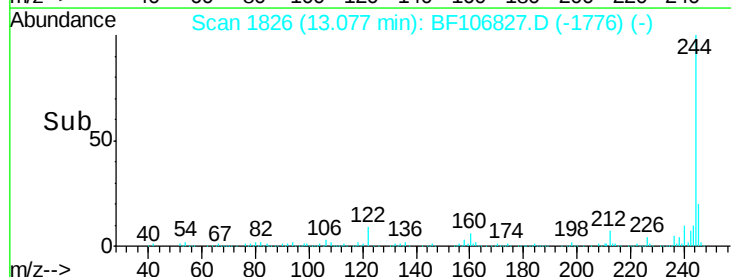
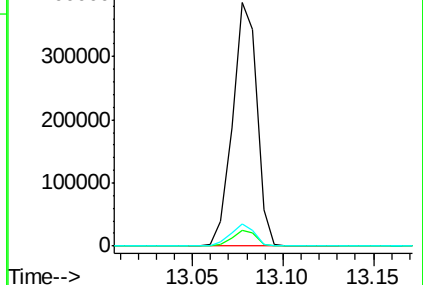
122 9.3 11.0 16.4#

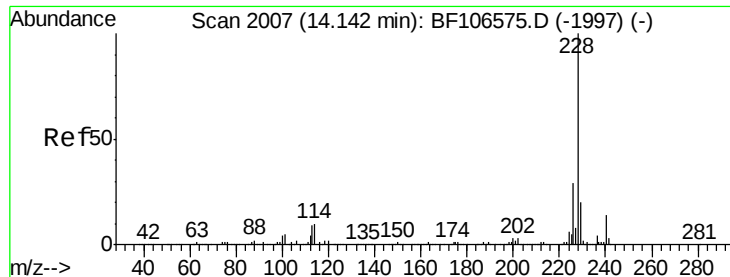


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 44.013 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

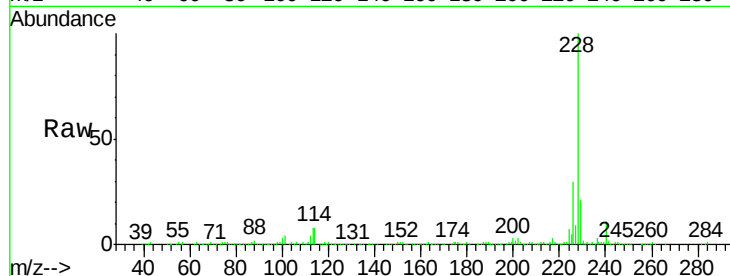
Tgt Ion:228 Resp: 348828

Ion Ratio Lower Upper

228 100

226 30.2 22.6 33.8

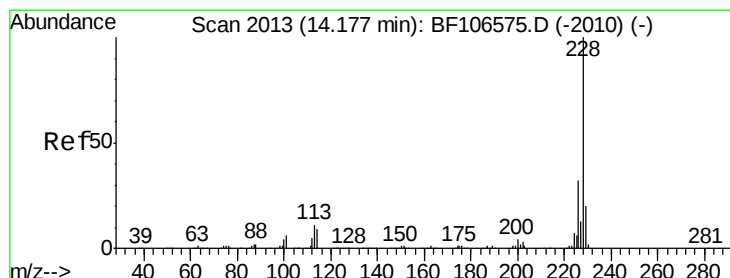
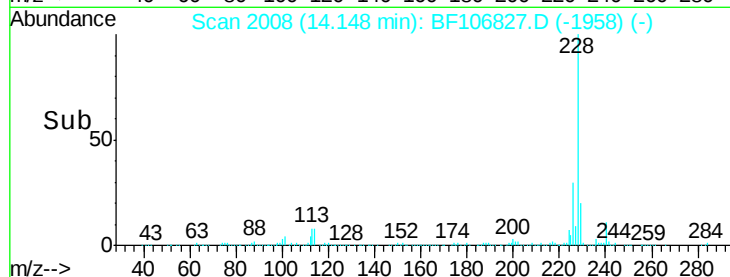
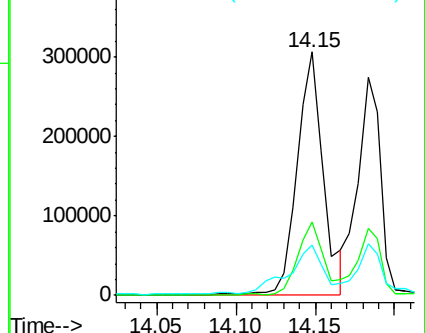
229 20.8 15.8 23.6



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



#82

Chrysene

Concen: 37.629 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

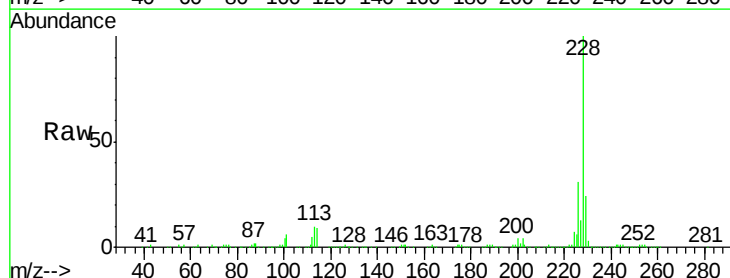
Tgt Ion:228 Resp: 274369

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

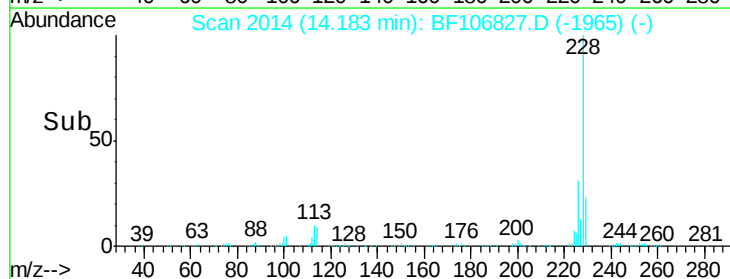
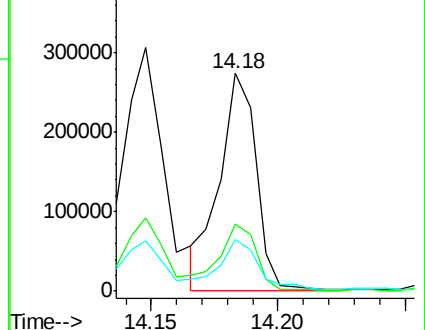
229 23.7 16.2 24.4

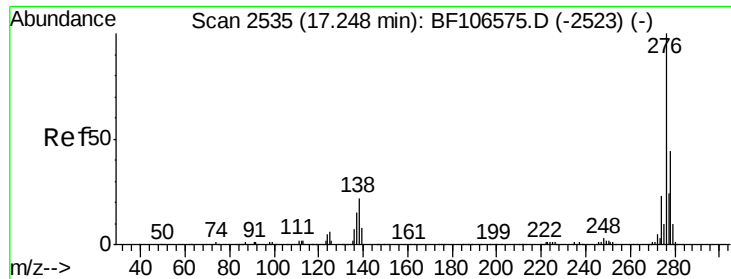


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

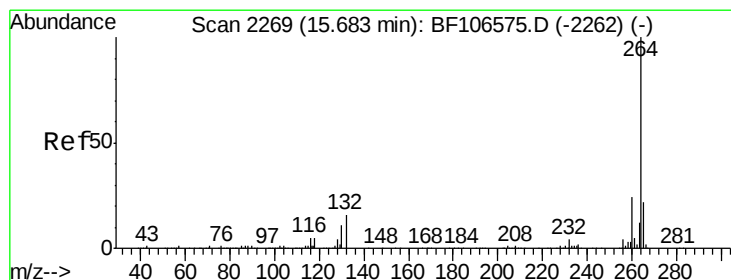
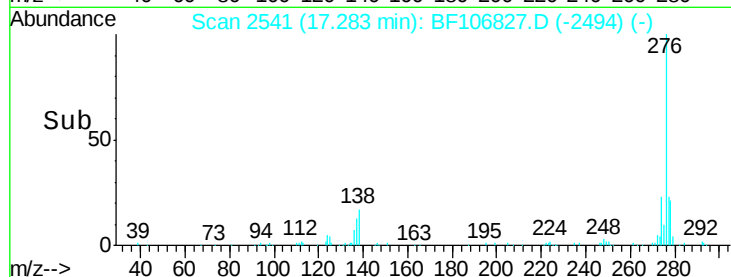
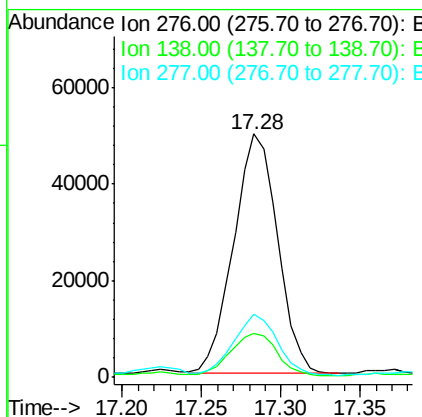
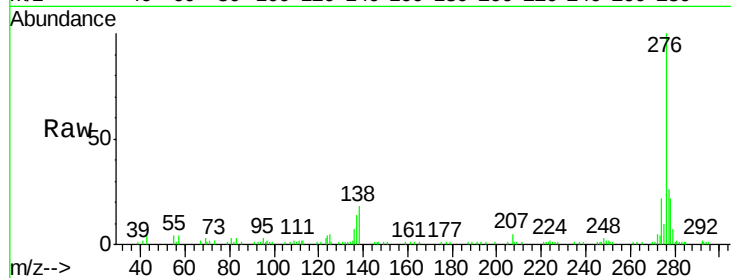




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.489 ng
 RT: 17.28 min Scan# 2541
 Delta R.T. -0.02 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

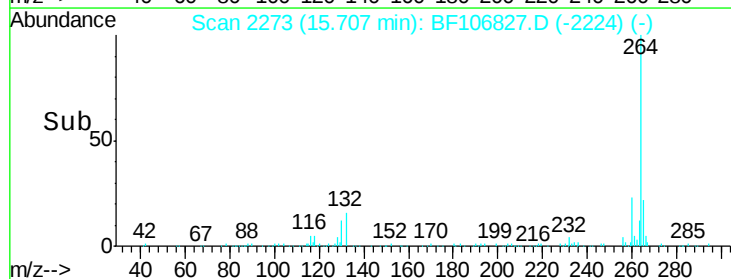
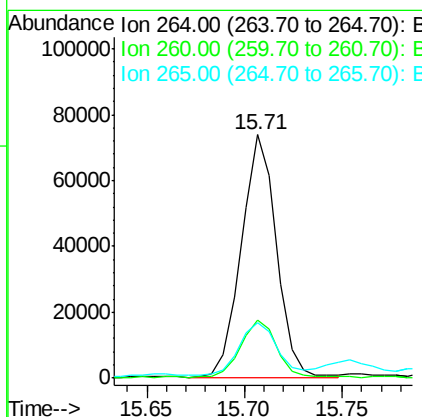
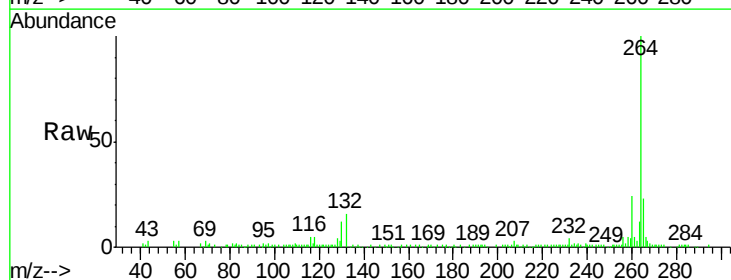
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

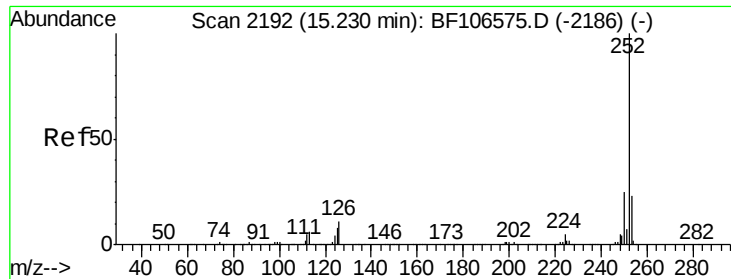
Tgt Ion:276 Resp: 95844
 Ion Ratio Lower Upper
 276 100
 138 19.1 25.0 37.6#
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Tgt Ion:264 Resp: 91888
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.8 17.5 26.3

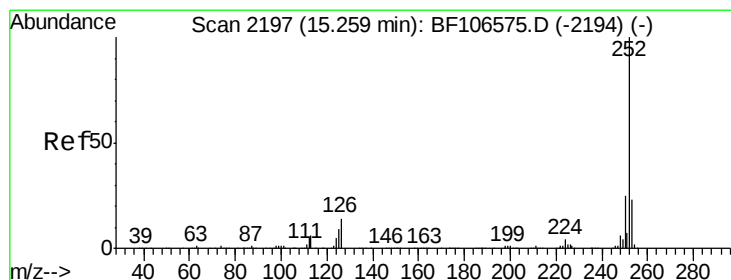
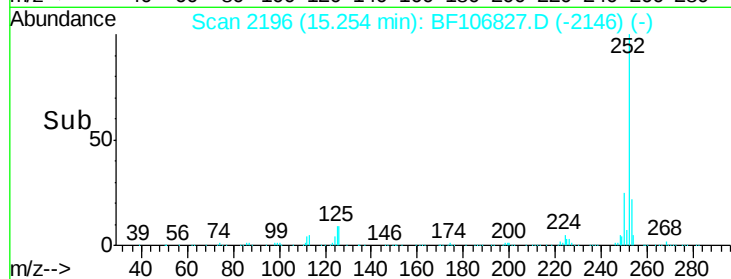
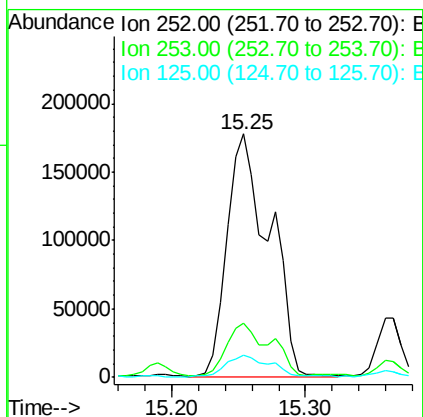
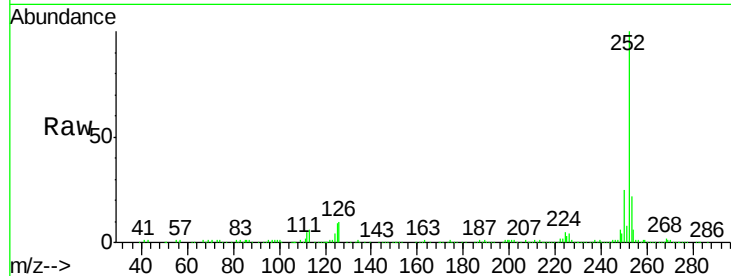




#87
Benzo(b)fluoranthene
Concen: 68.809 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

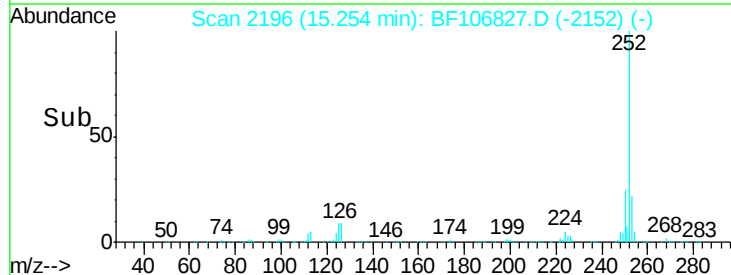
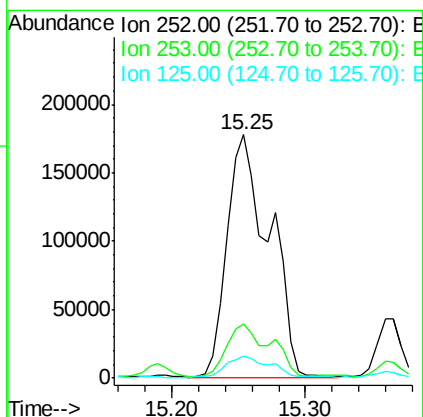
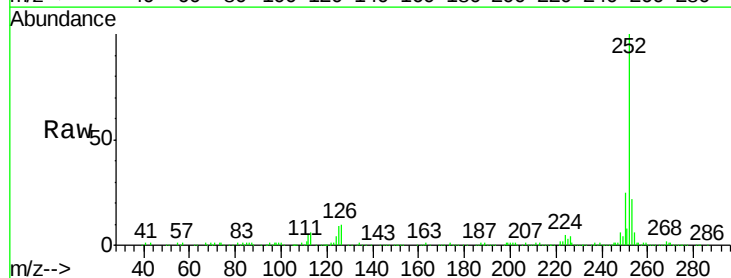
Instrument :
BNA_F
ClientSampleId :
TP-1-S

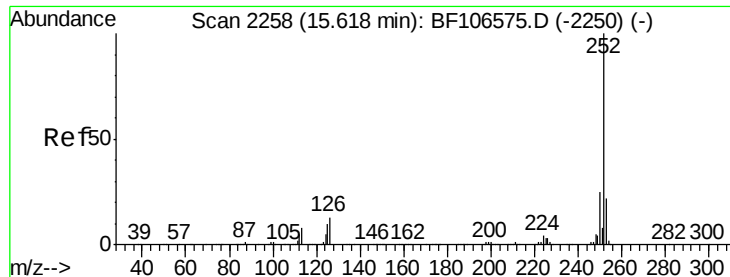
Tgt Ion:252 Resp: 392762
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 8.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 72.255 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:252 Resp: 392762
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 24.670 ng

RT: 15.57 min Scan# 2250

Delta R.T. -0.08 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

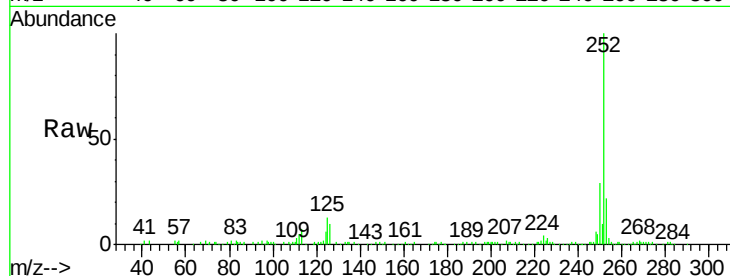
Tgt Ion:252 Resp: 125181

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

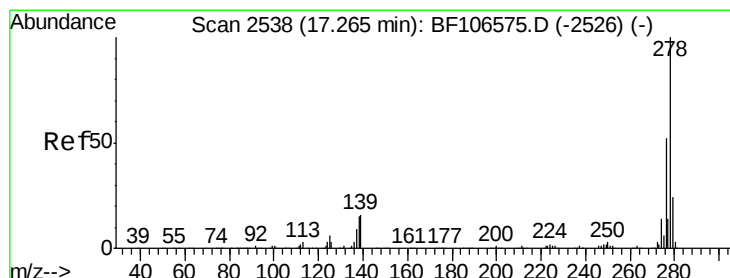
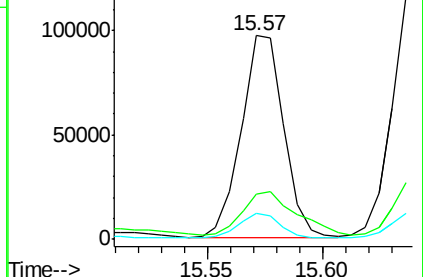
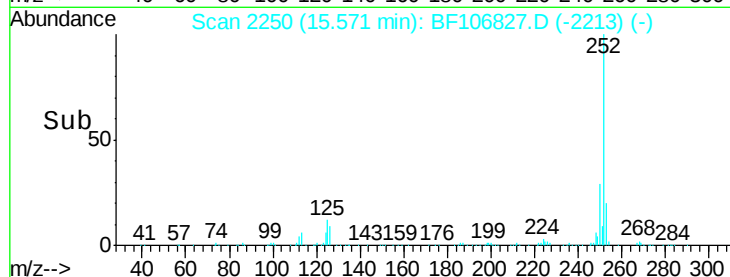
125 12.6 9.8 14.6



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: 6.143 ng

RT: 17.29 min Scan# 2542

Delta R.T. -0.04 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

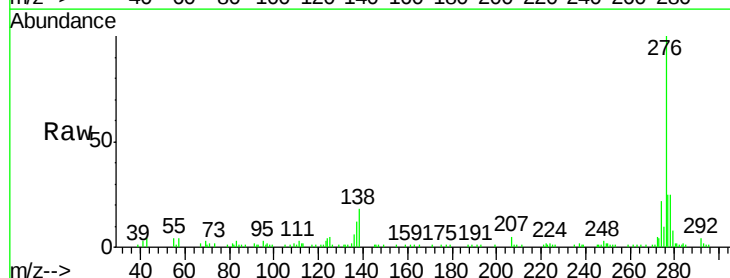
Tgt Ion:278 Resp: 26418

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

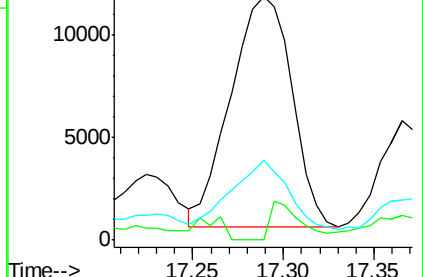
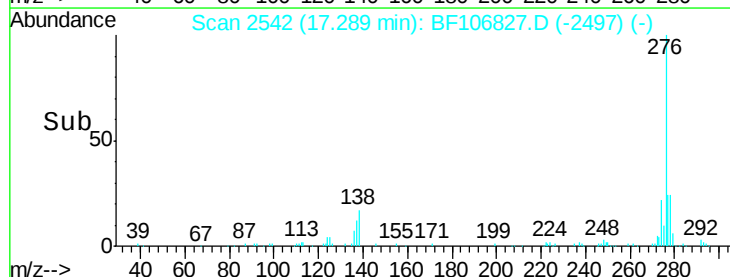
279 32.9 19.0 28.4#

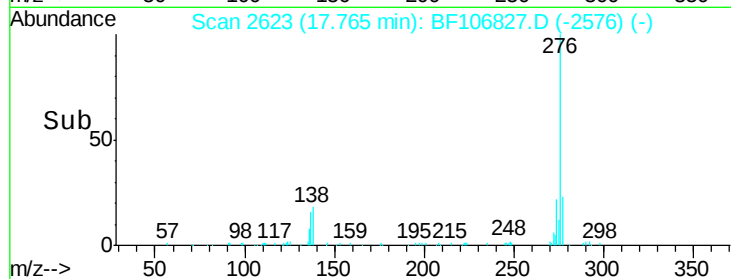
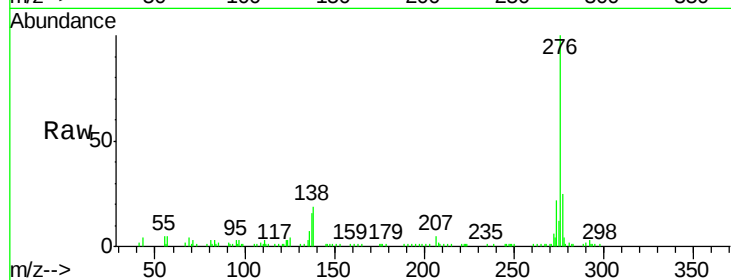
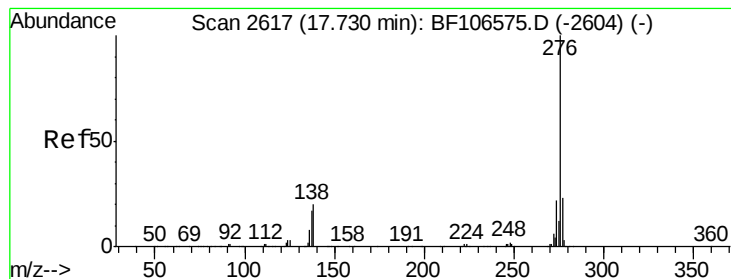


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.642 ng

RT: 17.77 min Scan# 2623

Delta R.T. -0.02 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

TP-1-S

Tgt Ion:276 Resp: 90969

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 19.0 21.8 32.8#

