

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110796.D
 Acq On : 15 Nov 2018 18:50
 Operator : JU/SJ
 Sample : J5767-09 2
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:28:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64850	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	267840	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	118595	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	196504	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	168668	20.00	ng	0.00
87) Perylene-d12	15.66	264	148621	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	194270	48.66	ng	-0.01
7) Phenol-d6	6.56	99	246928	48.37	ng	-0.01
23) Nitrobenzene-d5	7.50	82	152188	32.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	52876	44.25	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	284346	34.24	ng	-0.01
79) Terphenyl-d14	13.06	244	228546	25.38	ng	-0.01

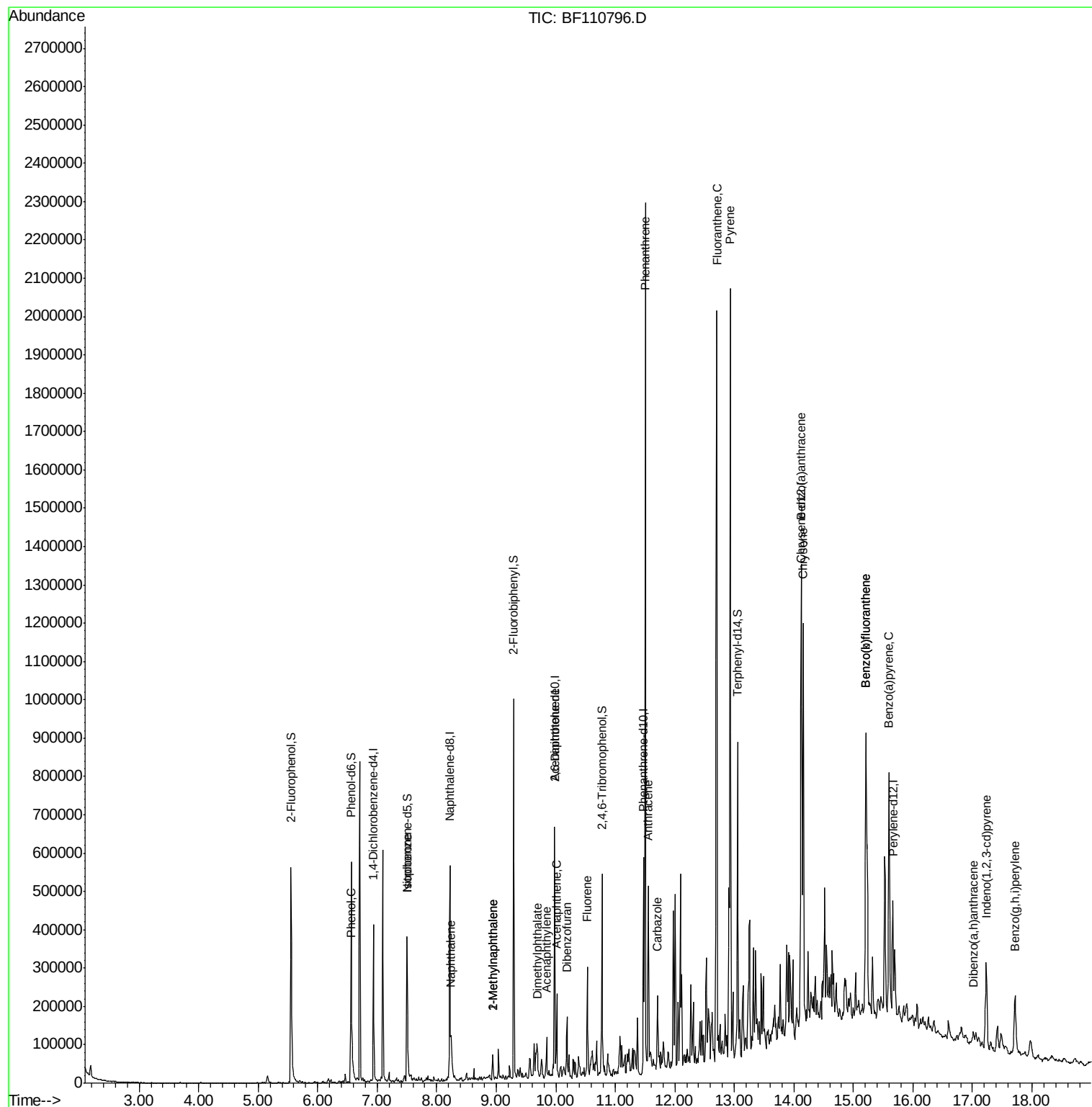
Target Compounds				Qvalue		
9) Benzaldehyde	6.56	77	410	Below Cal	#	1
10) Phenol	6.57	94	12979	2.192 ng		83
25) Isophorone	7.50	82	152079	19.951 ng	#	67
31) Naphthalene	8.25	128	47157	3.750 ng		97
37) 2-Methylnaphthalene	8.94	142	22662	2.749 ng		98
38) 1-Methylnaphthalene	8.94	142	22662	2.859 ng		97
49) Acenaphthylene	9.85	152	41284	3.597 ng		97
50) Dimethylphthalate	9.69	163	28173	3.184 ng		99
51) 2,6-Dinitrotoluene	9.98	165	17429	8.953 ng	#	22
52) Acenaphthene	10.02	154	47363	6.529 ng		99
55) Dibenzofuran	10.19	168	56205	5.296 ng		96
58) Fluorene	10.53	166	84815	10.404 ng		99
71) Phenanthrene	11.50	178	791024	75.138 ng		100
72) Anthracene	11.55	178	199733	18.808 ng		98
73) Carbazole	11.71	167	63856	6.261 ng		99
75) Fluoranthene	12.70	202	861063	81.581 ng		98
78) Pyrene	12.93	202	811293	62.469 ng		98
81) Benzo(a)anthracene	14.12	228	466671	46.290 ng		99
83) Chrysene	14.16	228	409443	42.630 ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	132510	19.226 ng		98
88) Benzo(b)fluoranthene	15.21	252	579341	65.160 ng		97
89) Benzo(k)fluoranthene	15.21	252	579412	65.952 ng	#	96
90) Benzo(a)pyrene	15.60	252	311376	38.545 ng		99
91) Dibenz(a,h)anthracene	17.02	278	25304	3.702 ng		93
92) Benzo(g,h,i)perylene	17.72	276	120741	17.801 ng		97

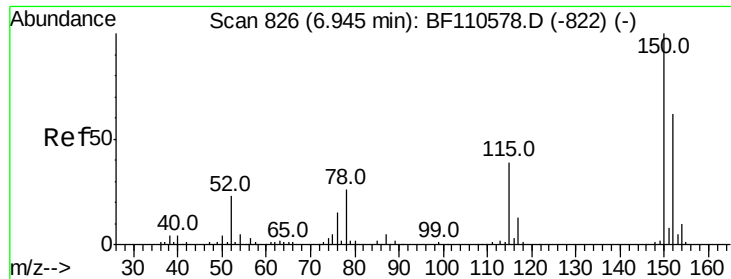
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
Data File : BF110796.D
Acq On : 15 Nov 2018 18:50
Operator : JU/SJ
Sample : J5767-09 2
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 04:28:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



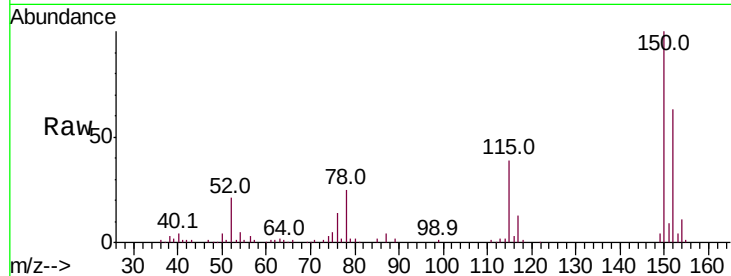


#1

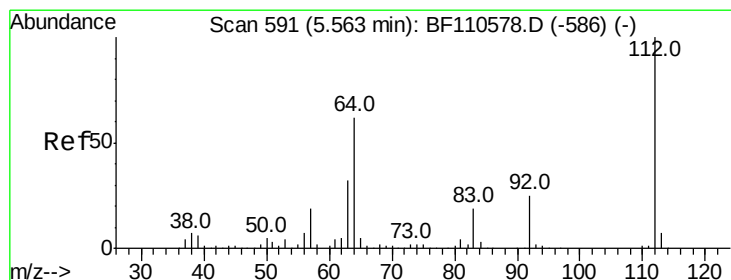
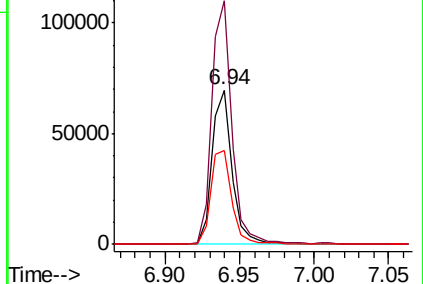
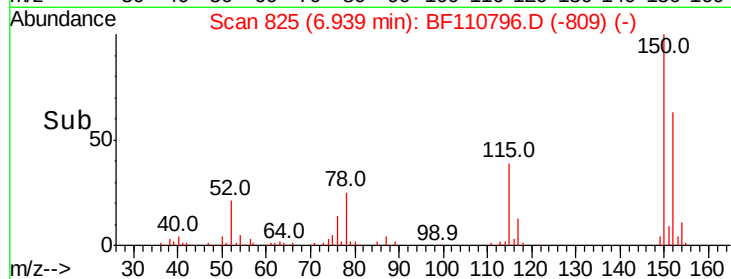
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 64850
Ion Ratio Lower Upper
152 100
150 157.7 122.7 184.1
115 60.9 49.1 73.7



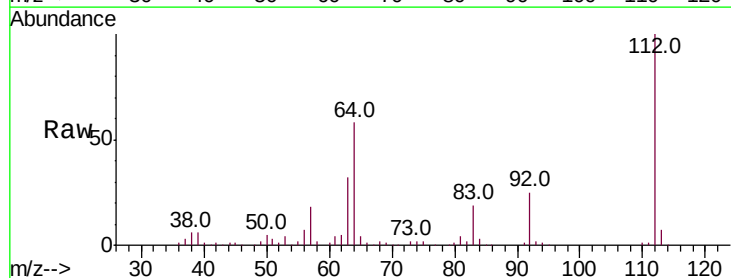
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



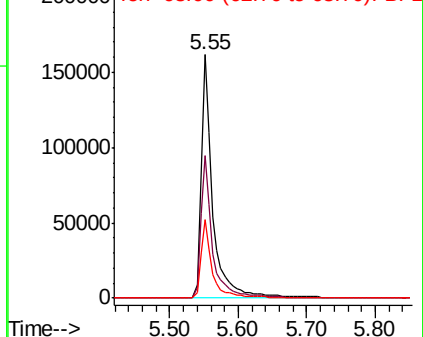
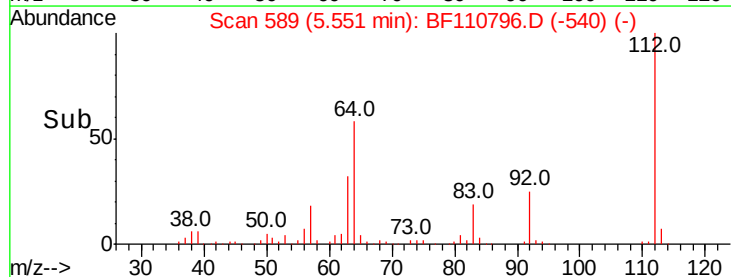
#5

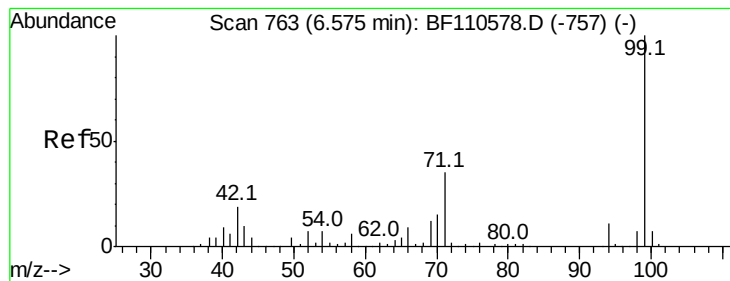
2-Fluorophenol
Concen: 48.659 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Tgt Ion:112 Resp: 194270
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 32.2 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: 48.366 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampled :

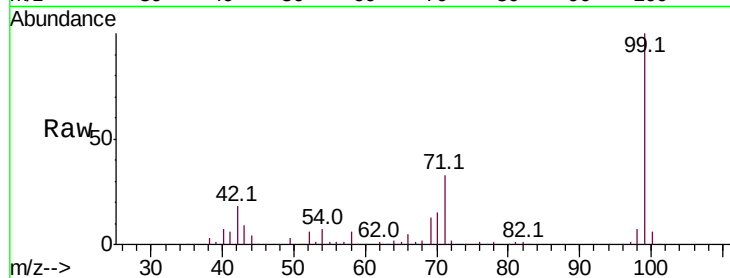
Tot Ion: 99 Resp: 246928

Ion Ratio Lower Upper

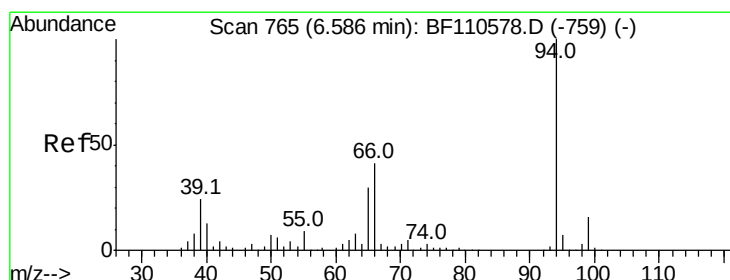
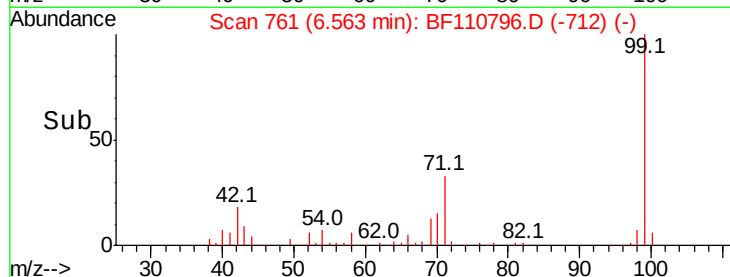
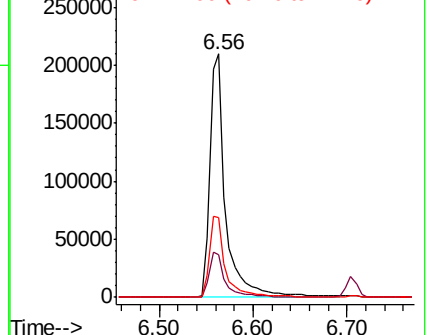
99 100

42 17.6 15.8 23.6

71 32.9 28.0 42.0



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



#10

Phenol

Concen: 2.192 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

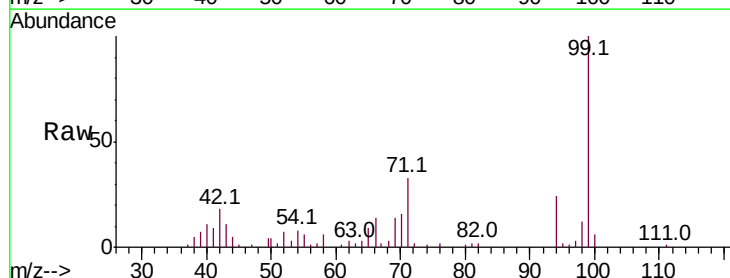
Tgt Ion: 94 Resp: 12979

Ion Ratio Lower Upper

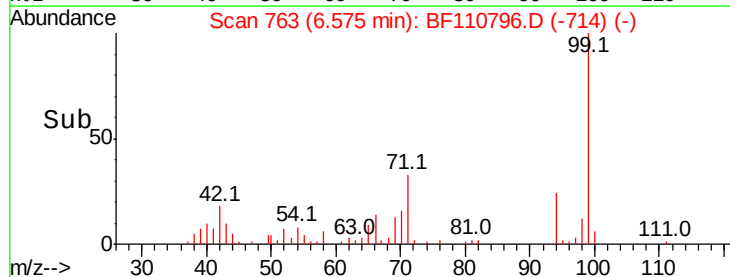
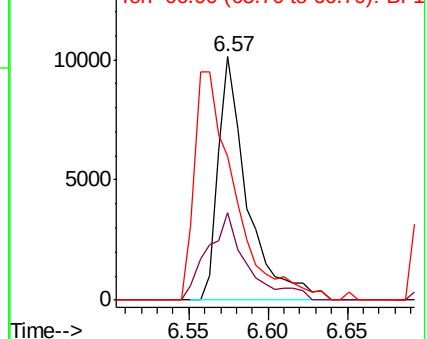
94 100

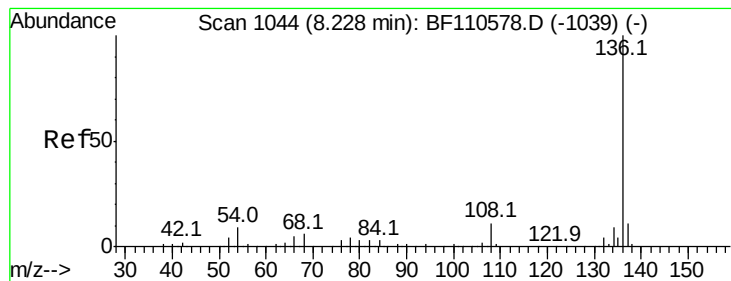
65 36.1 25.3 65.3

66 59.2 54.5 94.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 267840

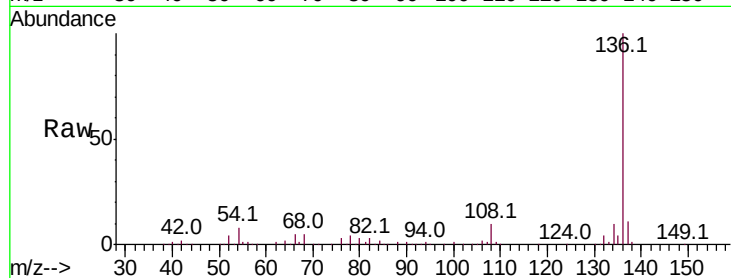
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.5 5.4 8.2

68 5.2 4.2 6.2

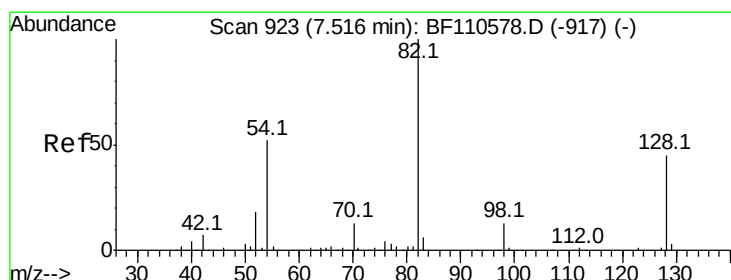
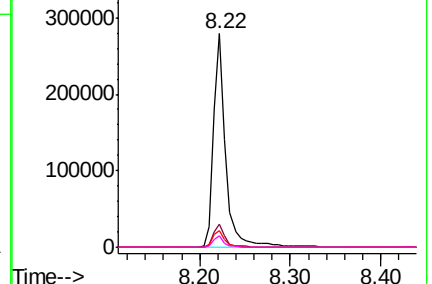
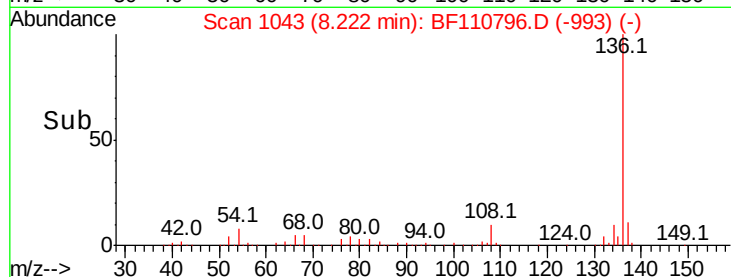


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 32.723 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

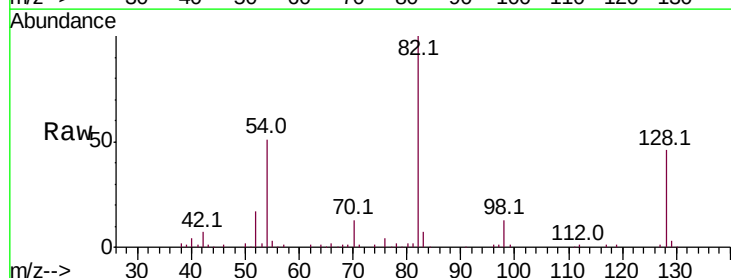
Tgt Ion: 82 Resp: 152188

Ion Ratio Lower Upper

82 100

128 46.2 34.2 51.2

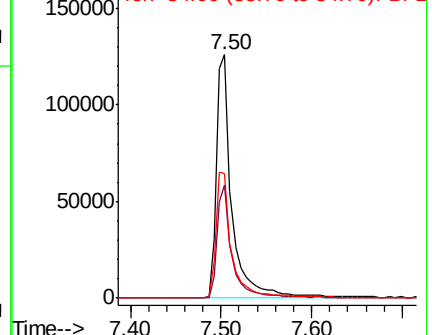
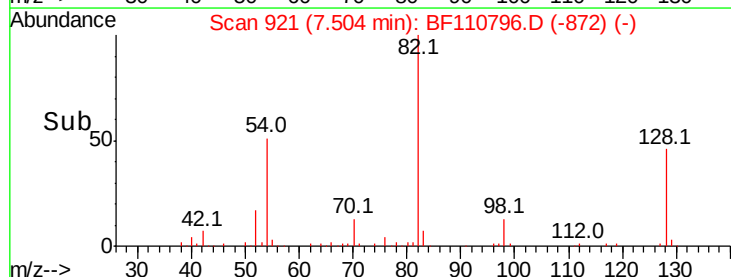
54 51.2 38.6 58.0

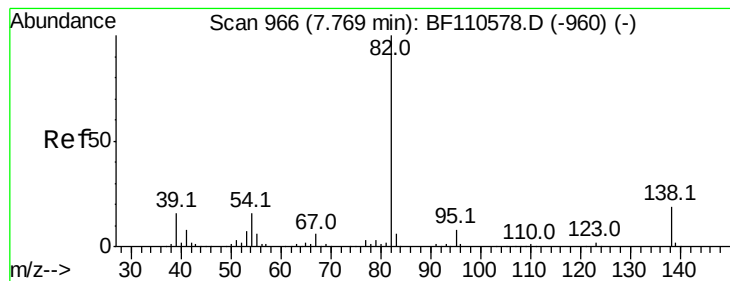


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.951 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

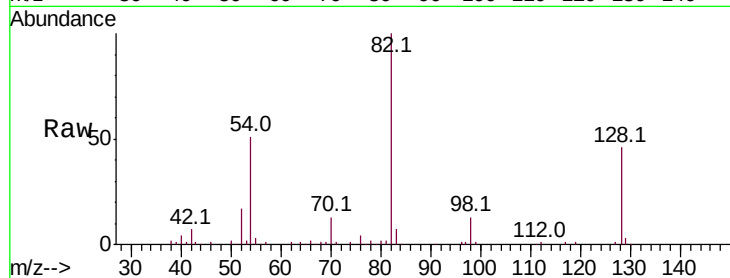
Tot Ion: 82 Resp: 152079

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

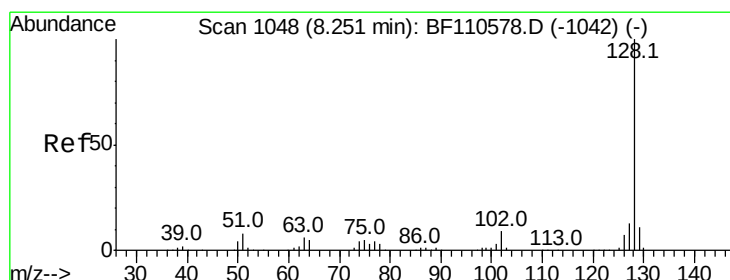
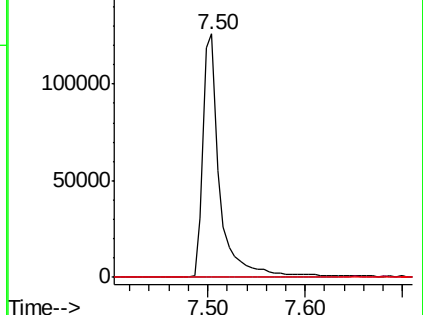
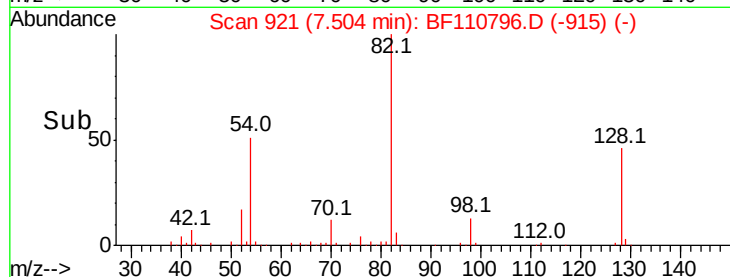
138 0.0 13.2 19.8#



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: 3.750 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

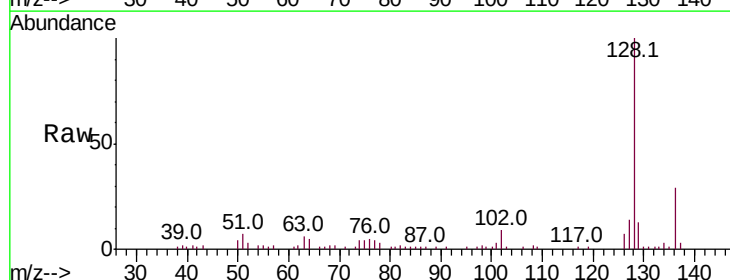
Tgt Ion: 128 Resp: 47157

Ion Ratio Lower Upper

128 100

129 13.1 8.8 13.2

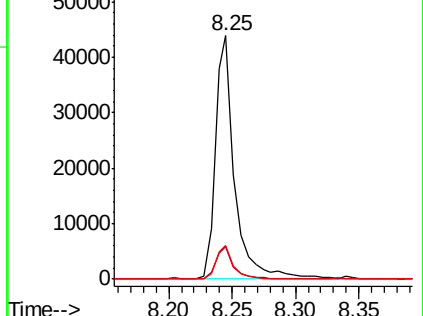
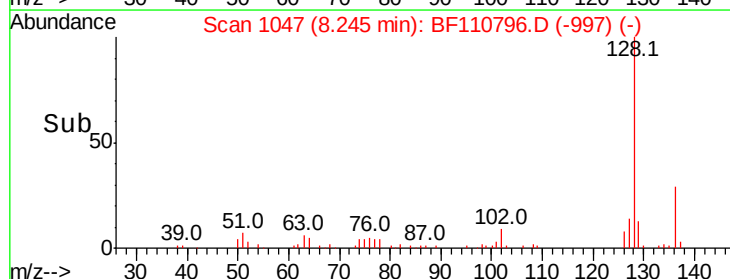
127 13.8 10.8 16.2

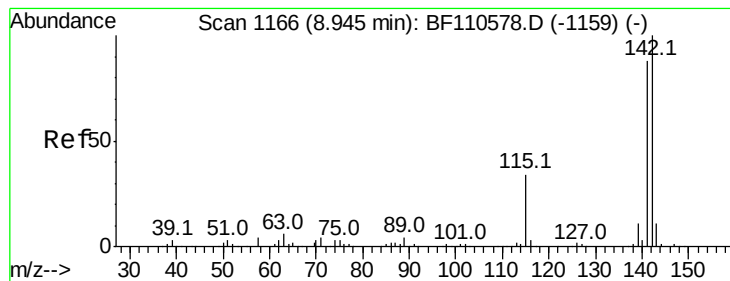


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.749 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

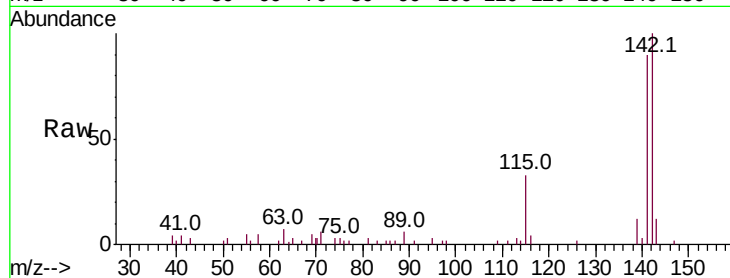
Tot Ion:142 Resp: 22662

Ion Ratio Lower Upper

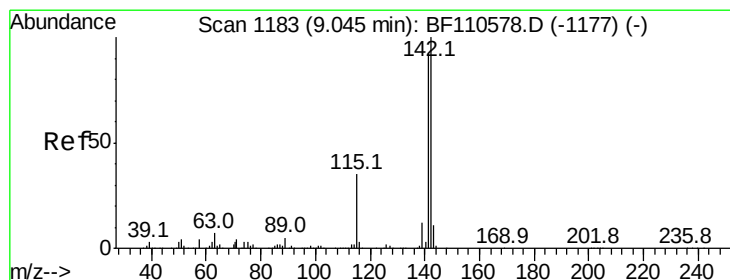
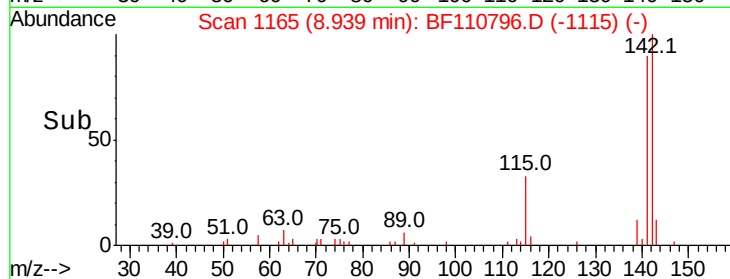
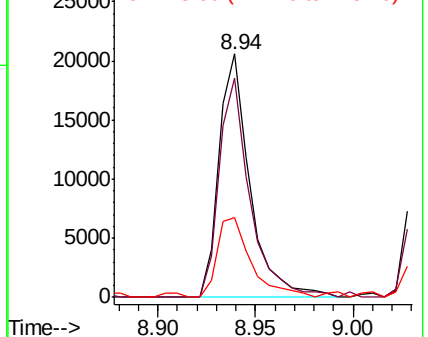
142 100

141 89.9 71.4 107.2

115 32.8 28.7 43.1



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

1-Methylnaphthalene

Concen: 2.859 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.11 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

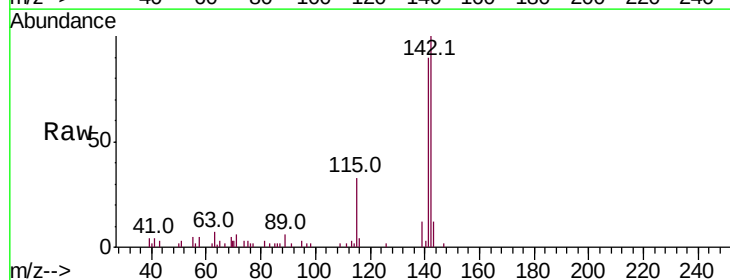
Tgt Ion:142 Resp: 22662

Ion Ratio Lower Upper

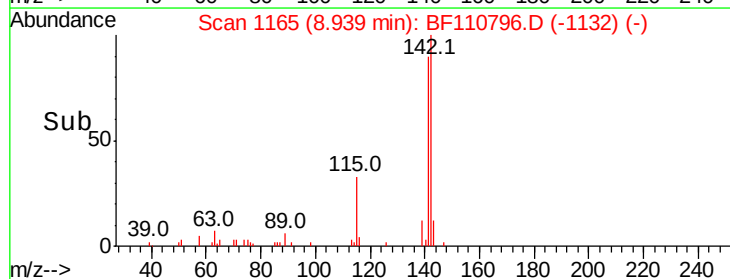
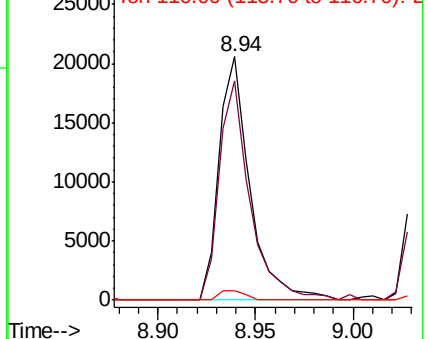
142 100

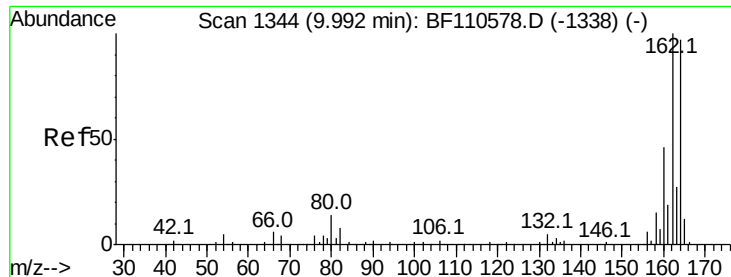
141 89.9 74.2 111.4

116 3.8 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

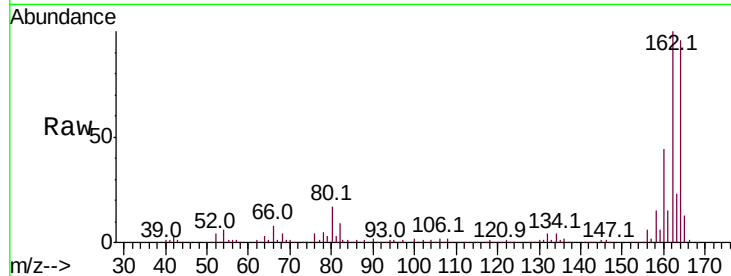




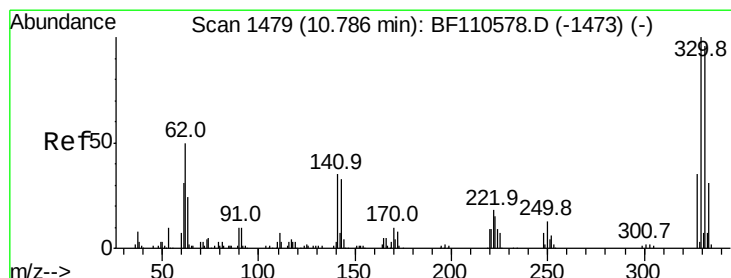
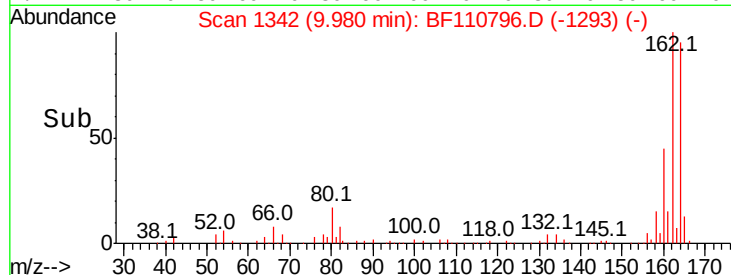
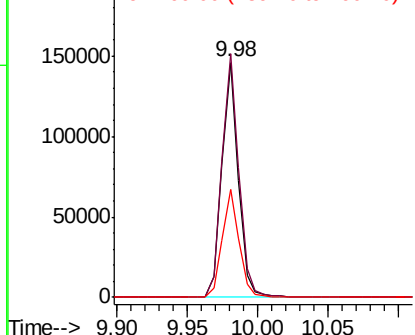
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	46.1	37.0	55.6

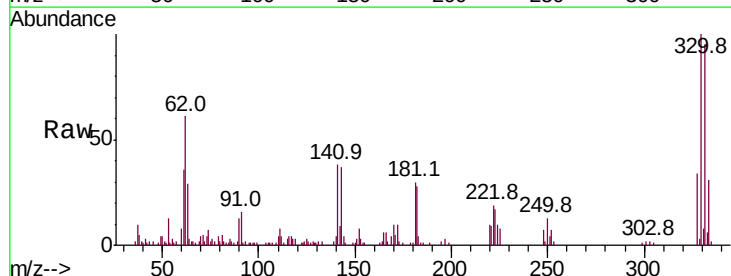


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

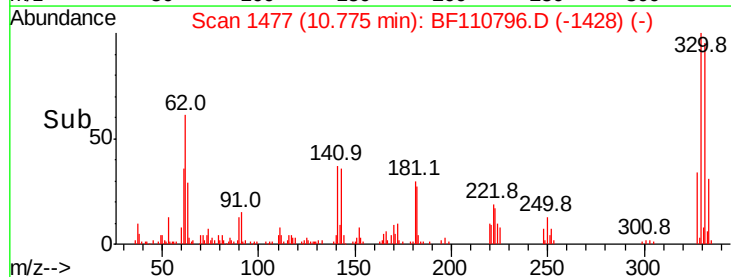
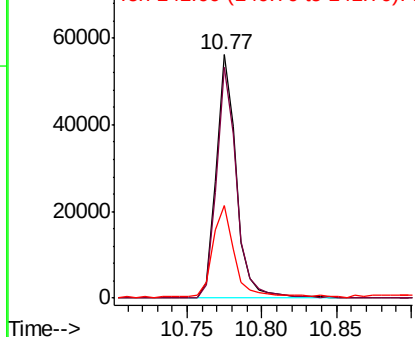


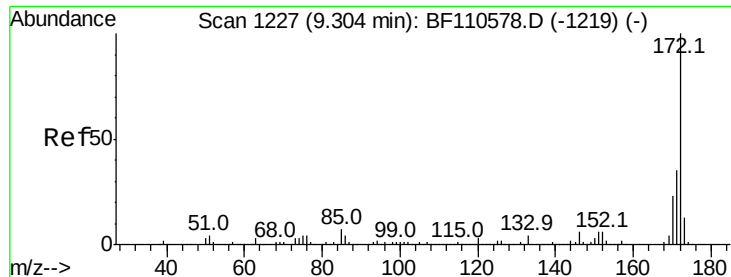
#42
2,4,6-Tribromophenol
Concen: 44.248 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	43.1	27.0	40.4



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

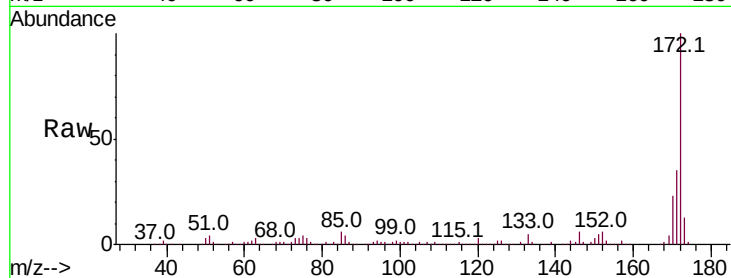




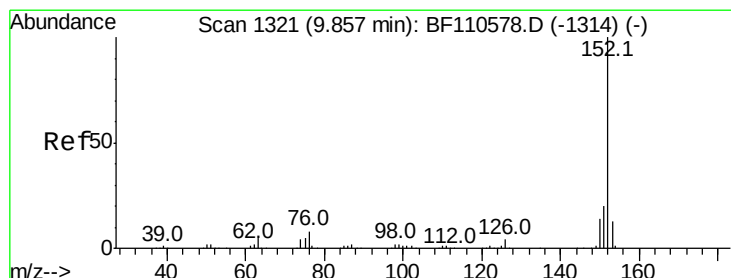
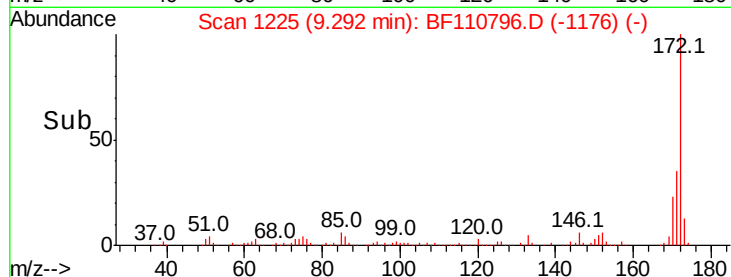
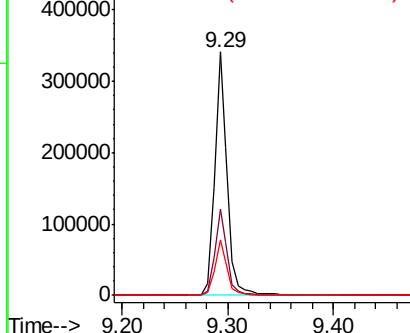
#45
2-Fluorobiphenyl
Concen: 34.242 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 284346
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.9 19.7 29.5

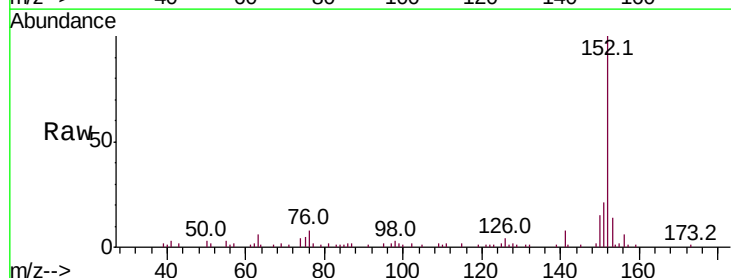


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

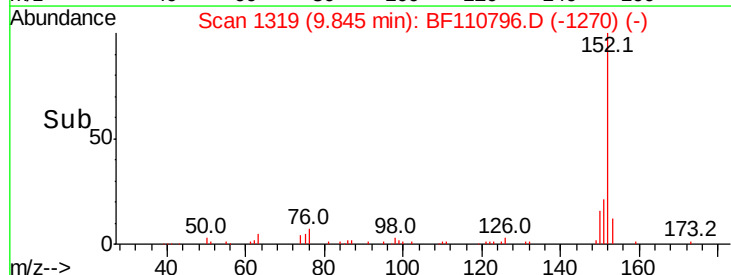
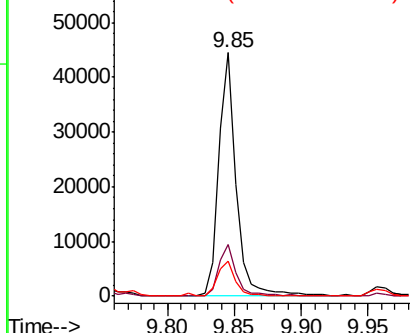


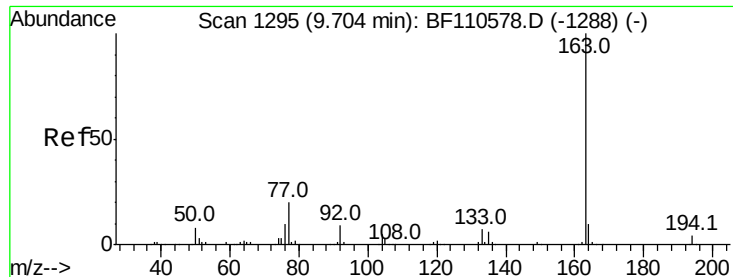
#49
Acenaphthylene
Concen: 3.597 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Tgt Ion:152 Resp: 41284
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 14.1 10.4 15.6



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

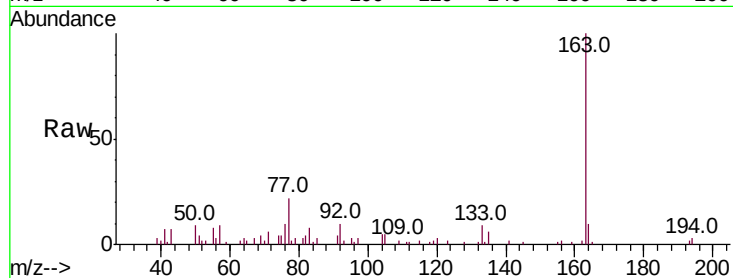




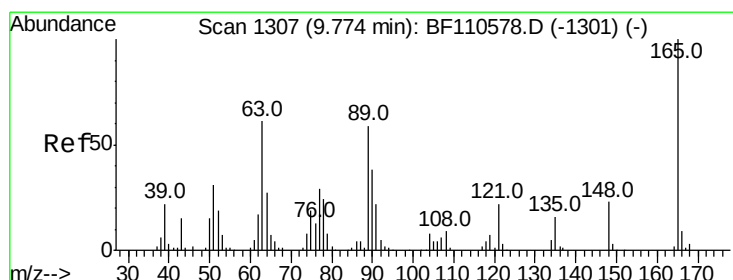
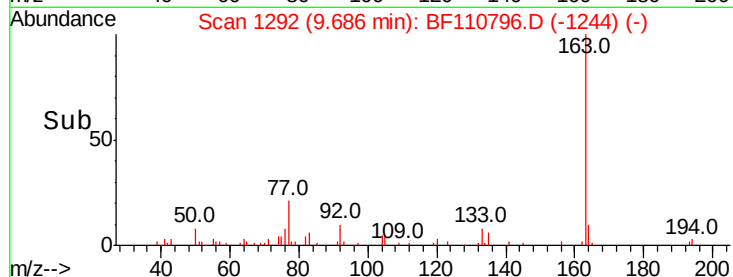
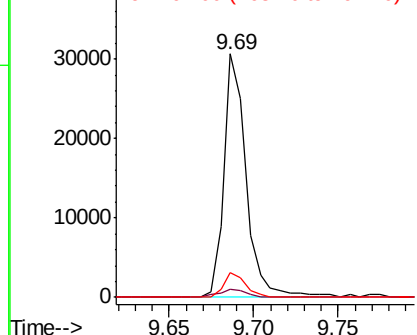
#50
Dimethylphthalate
Concen: 3.184 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 28173
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.1 8.1 12.1

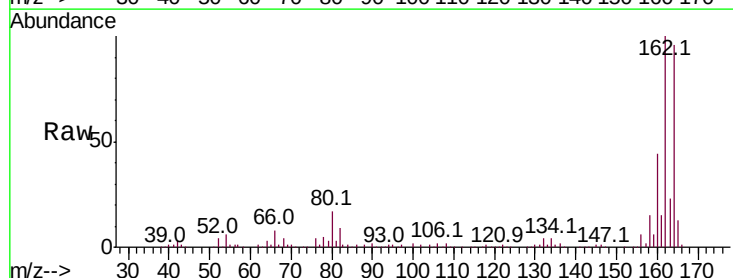


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

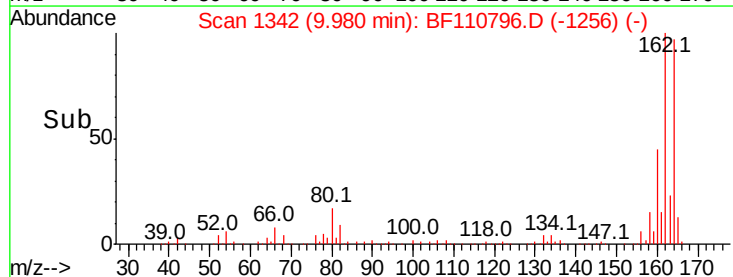
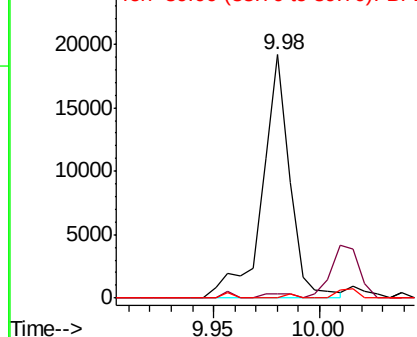


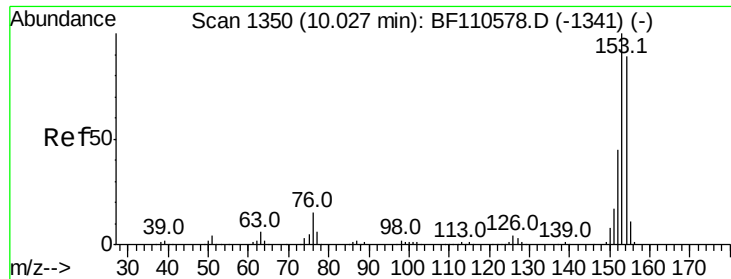
#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Tgt Ion:165 Resp: 17429
Ion Ratio Lower Upper
165 100
63 1.7 48.9 73.3#
89 0.0 46.6 69.8#



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





#52

Acenaphthene

Concen: 6.529 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

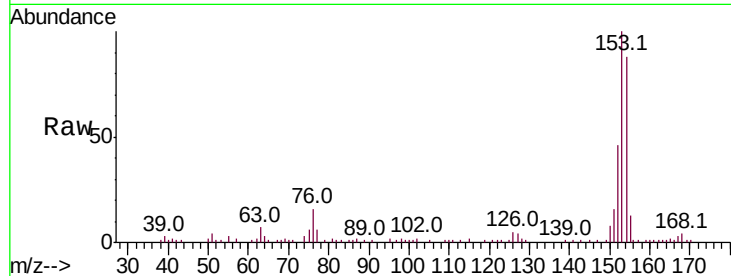
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 47363

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.1	135.1
152	52.5	43.4	65.2

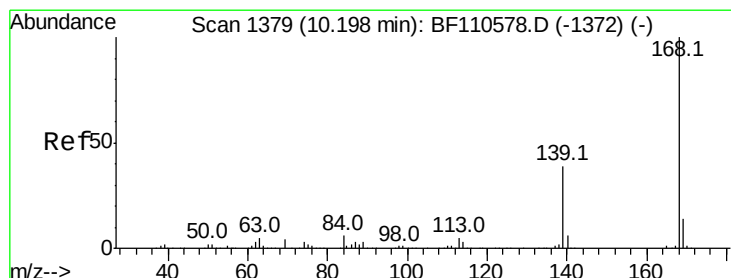
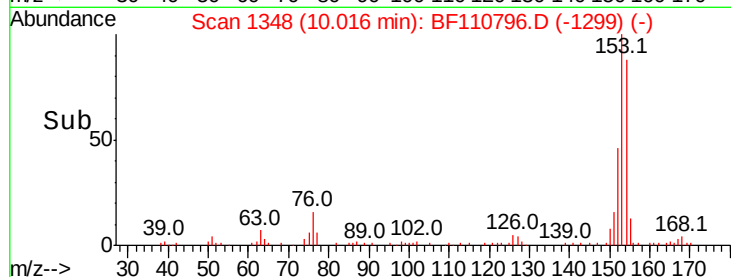
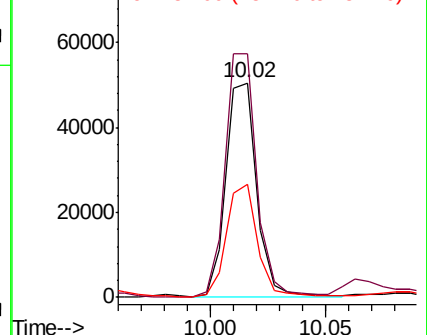


Abundance

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



#55

Dibenzofuran

Concen: 5.296 ng

RT: 10.19 min Scan# 1377

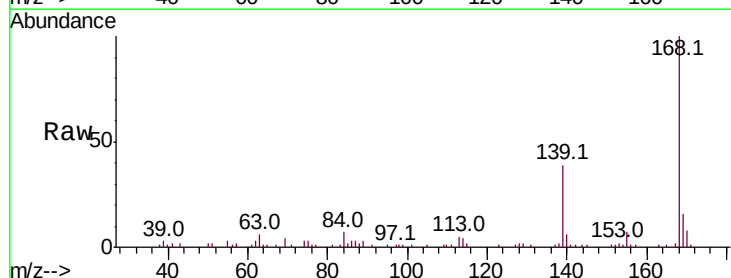
Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Tgt Ion:168 Resp: 56205

Ion	Ratio	Lower	Upper
168	100		
139	38.6	33.0	49.6
169	15.7	11.3	16.9

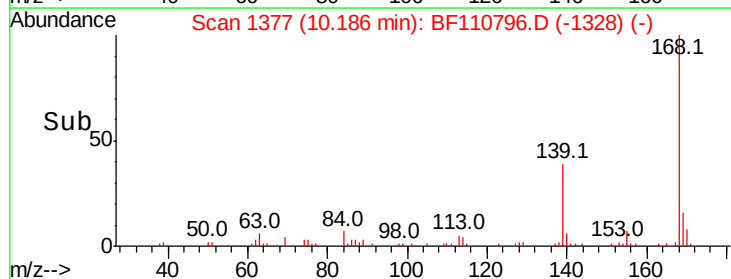
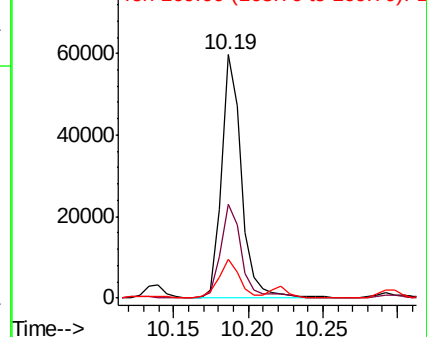


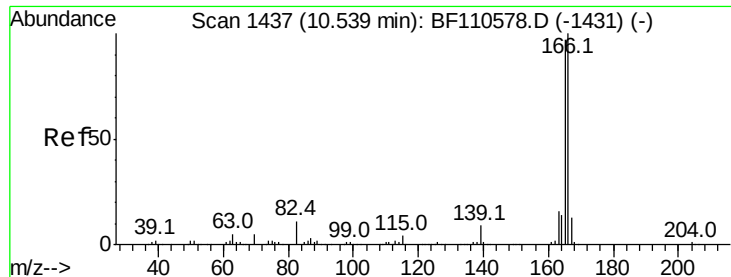
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 10.404 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

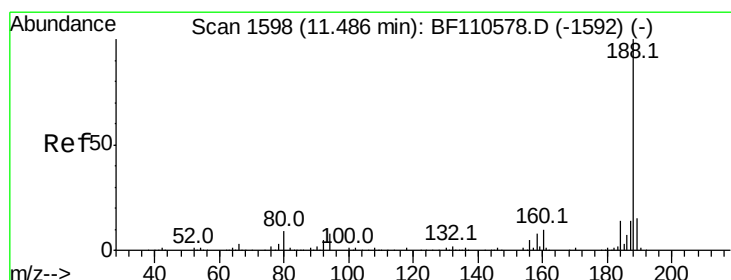
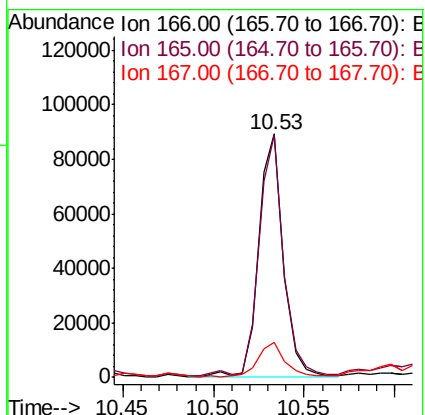
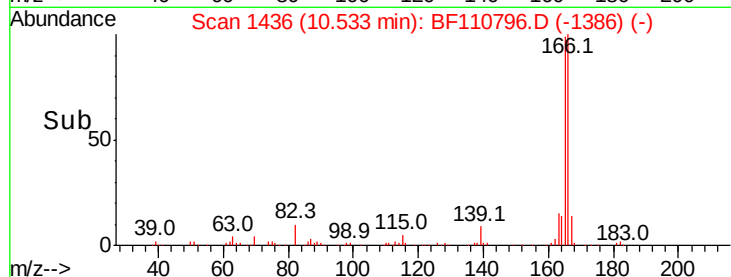
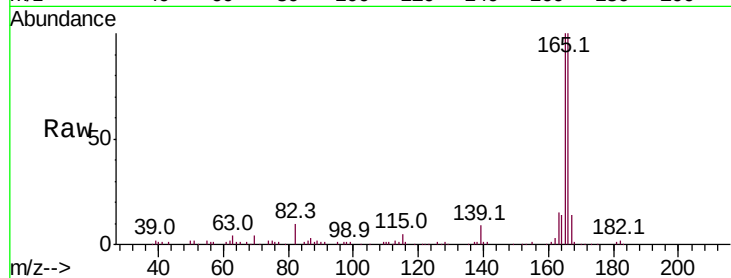
Instrument :

BNA_F

ClientSampled :

Tot Ion:166 Resp: 84815

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	14.5	10.8	16.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

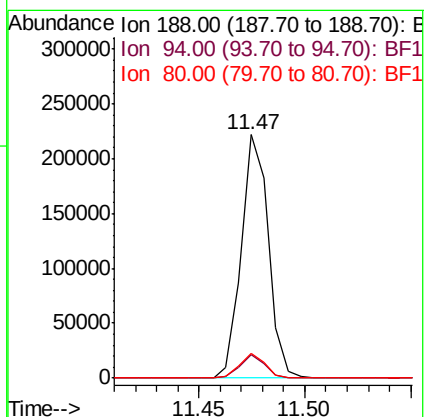
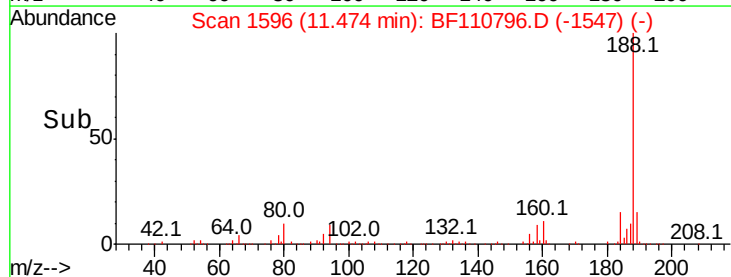
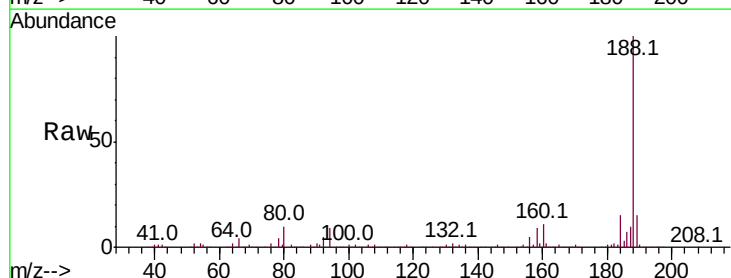
Delta R.T. -0.01 min

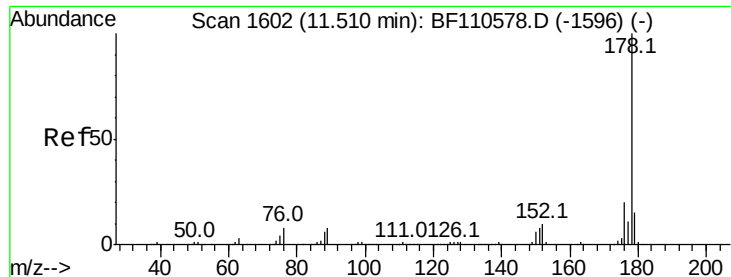
Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Tgt Ion:188 Resp: 196504

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.0	7.9	11.9

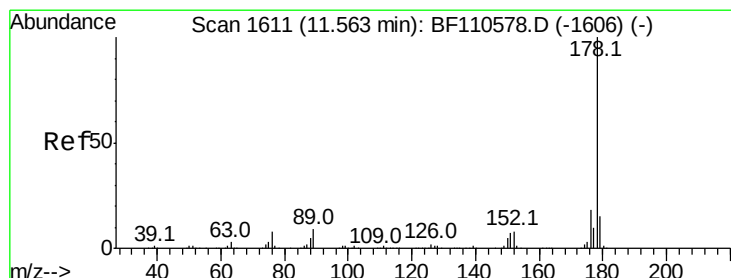
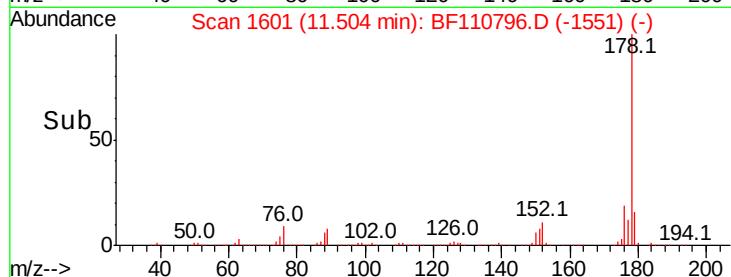
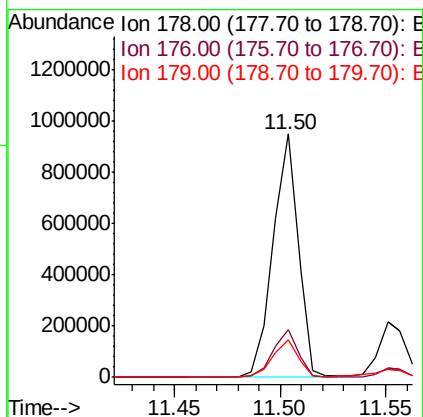
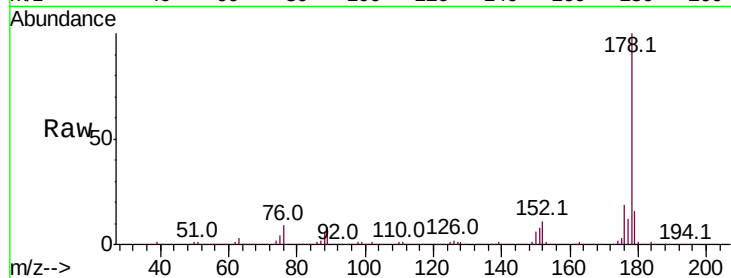




#71
Phenanthrene
Concen: 75.138 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

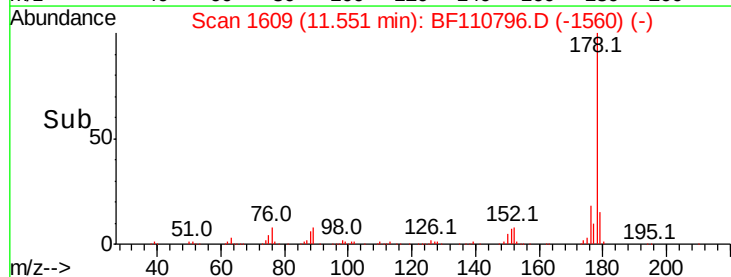
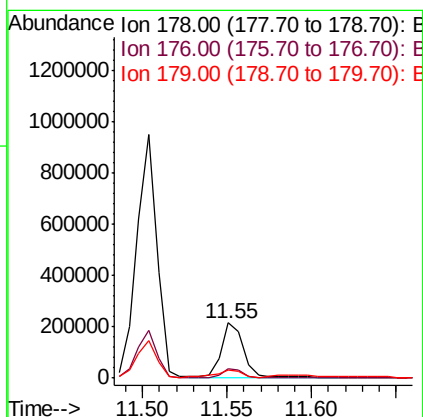
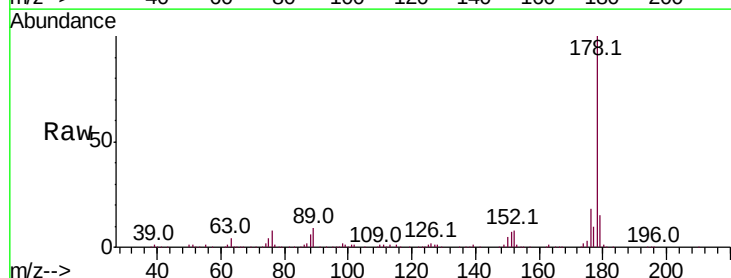
Instrument :
BNA_F
ClientSampleId :

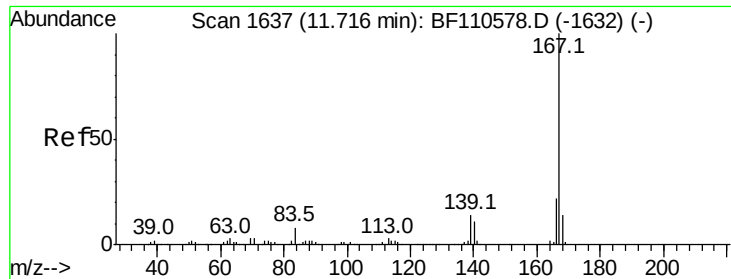
Tot Ion:178 Resp: 791024
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 18.808 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Tgt Ion:178 Resp: 199733
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.2
179 15.4 12.6 18.8

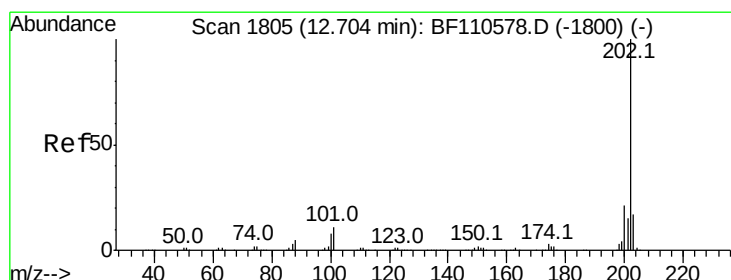
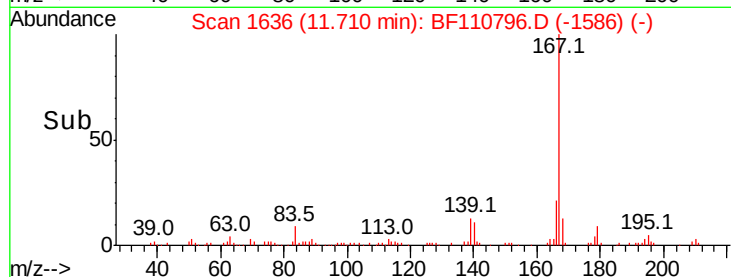
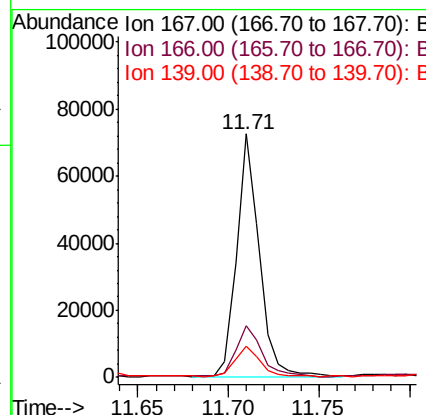
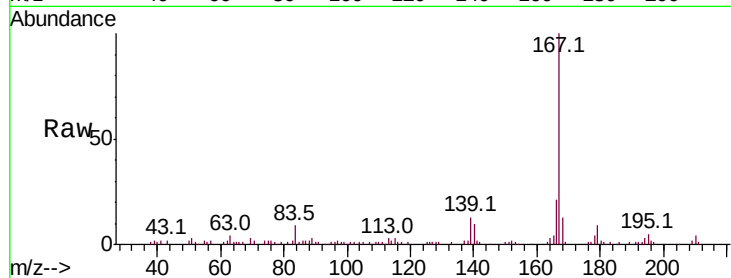




#73
 Carbazole
 Concen: 6.261 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110796.D
 Acq: 15 Nov 2018 18:50

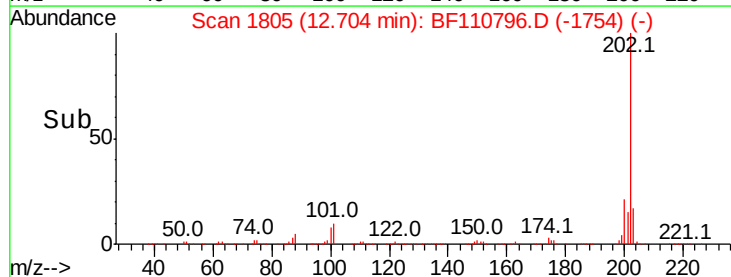
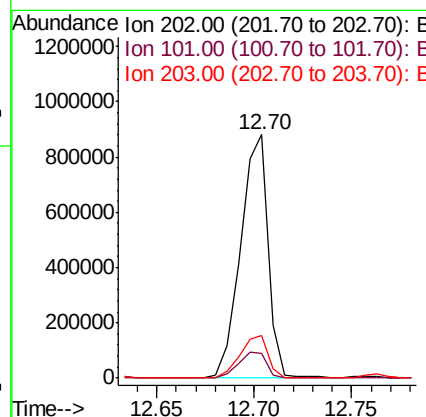
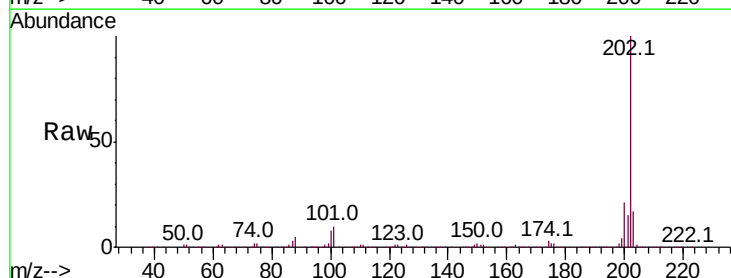
Instrument :
 BNA_F
 ClientSampled :

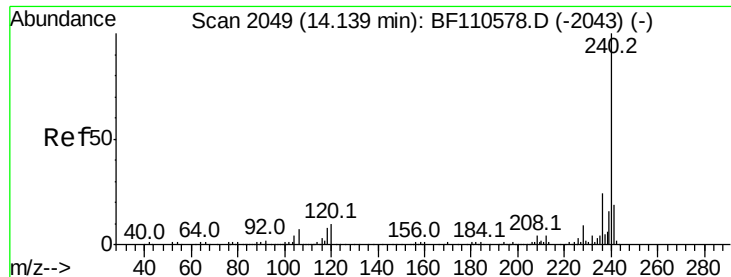
Tot Ion:167 Resp: 63856
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.7 10.9 16.3



#75
 Fluoranthene
 Concen: 81.581 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF110796.D
 Acq: 15 Nov 2018 18:50

Tgt Ion:202 Resp: 861063
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 31.4
 203 17.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampled :

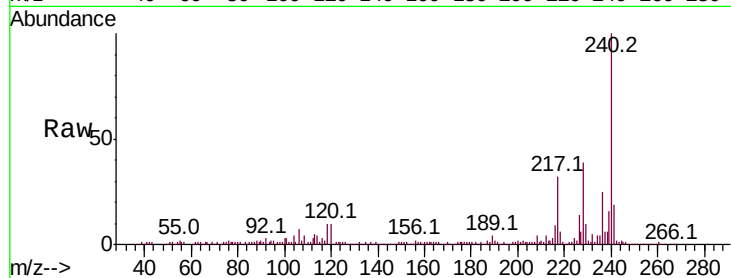
Tot Ion:240 Resp: 168668

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

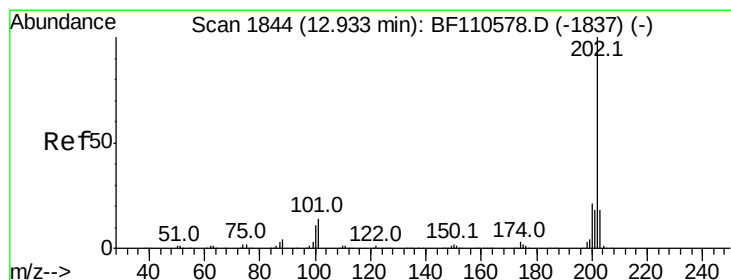
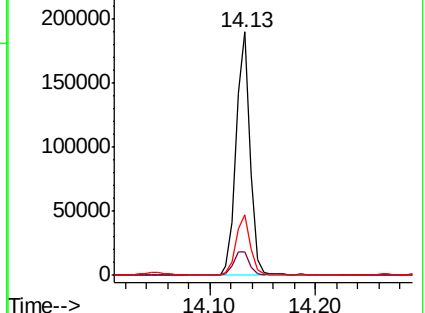
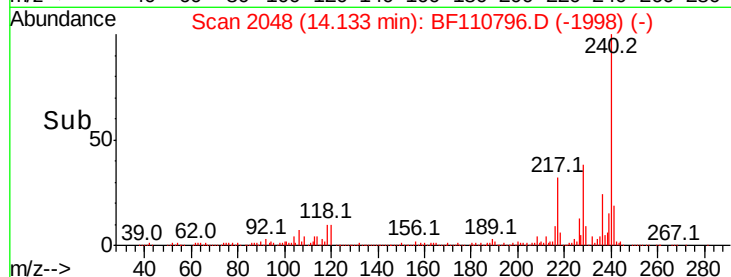
236 24.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 62.469 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

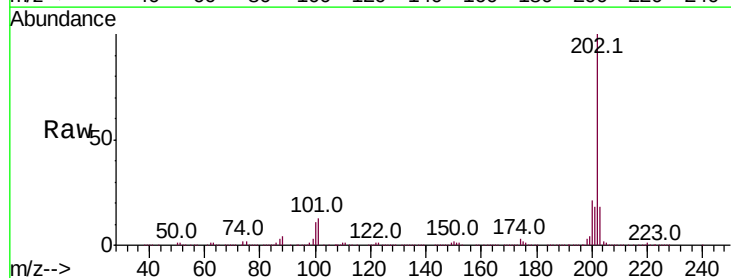
Tgt Ion:202 Resp: 811293

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

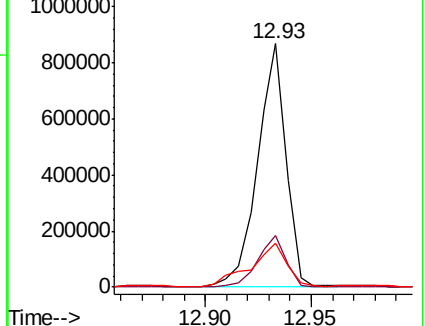
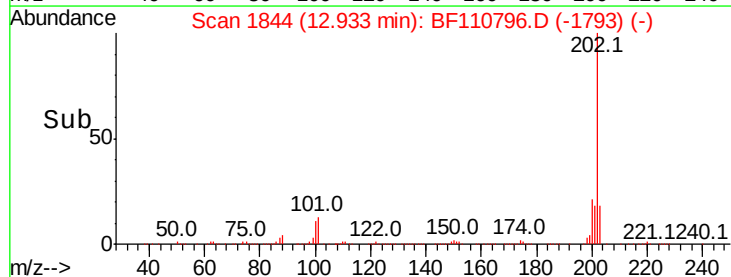
203 18.3 14.2 21.4

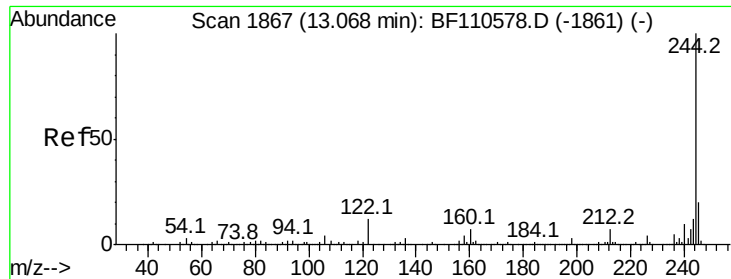


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 25.376 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

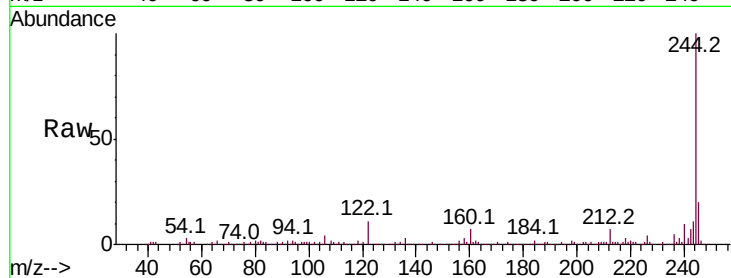
Tot Ion:244 Resp: 228546

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

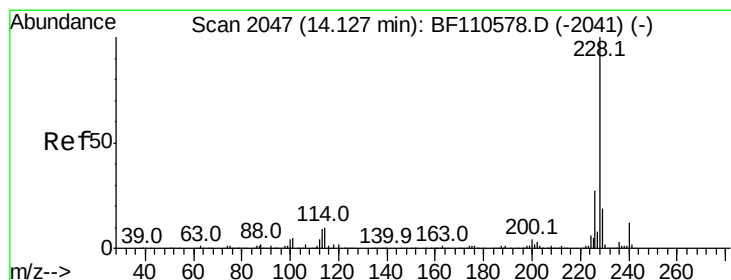
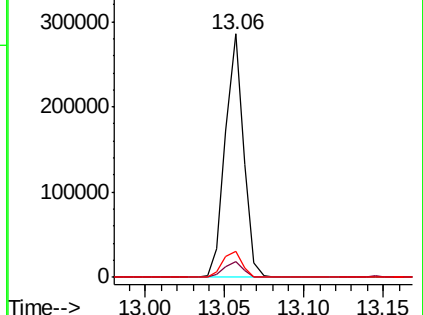
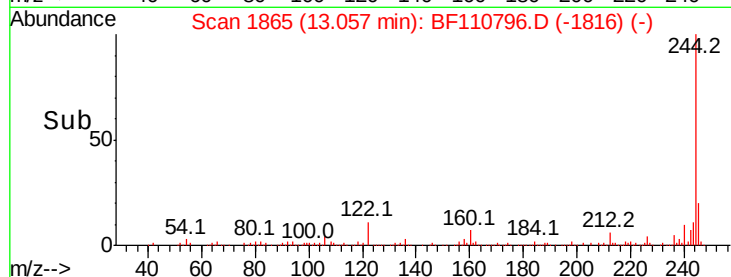
122 10.6 8.7 13.1



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



#81

Benzo(a)anthracene

Concen: 46.290 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

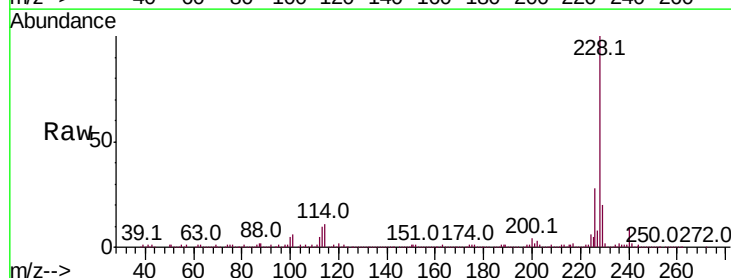
Tgt Ion:228 Resp: 466671

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

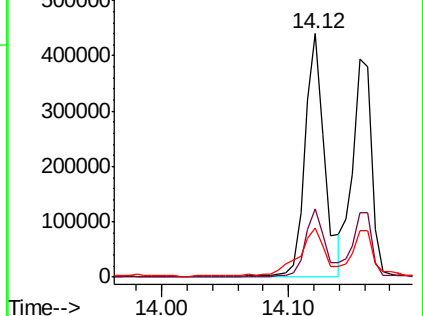
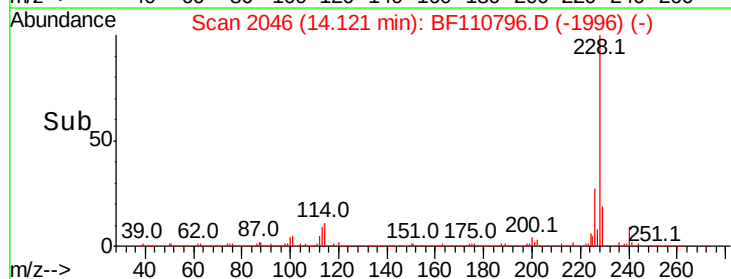
229 20.2 15.6 23.4

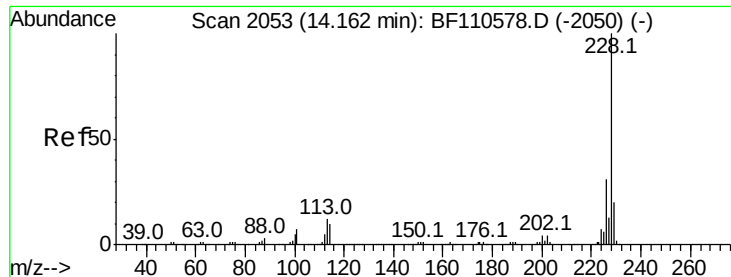


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 42.630 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampled :

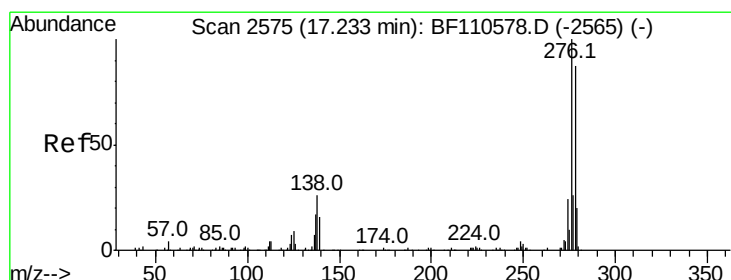
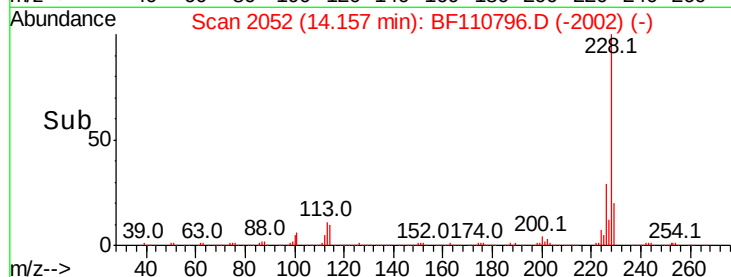
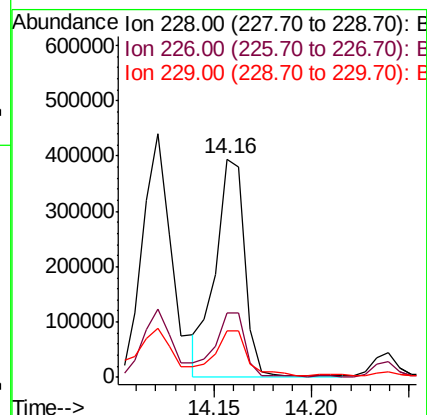
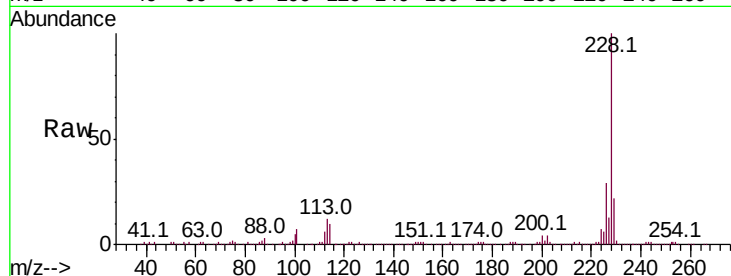
Tot Ion:228 Resp: 409443

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 21.6 15.9 23.9



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.226 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

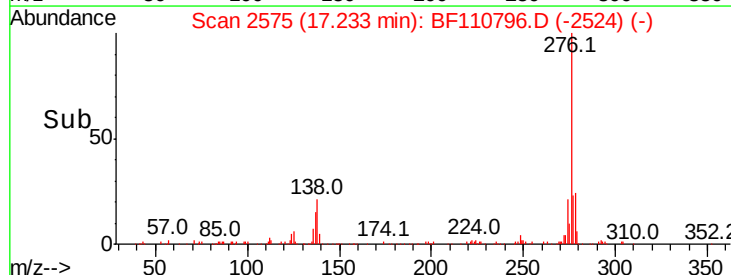
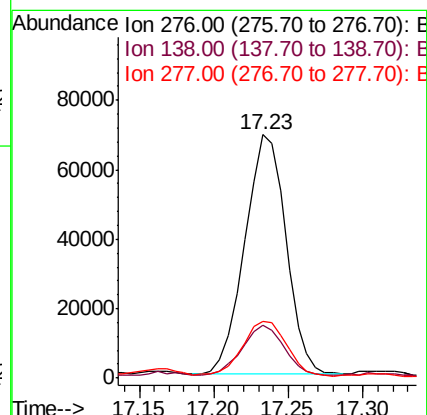
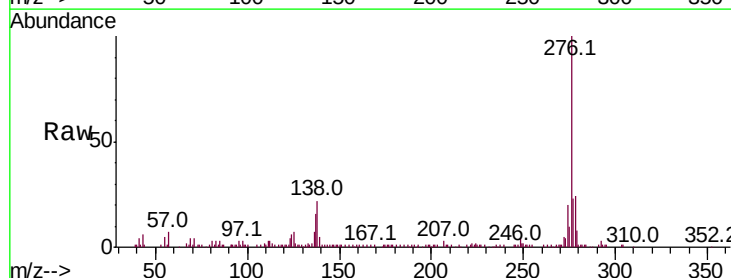
Tgt Ion:276 Resp: 132510

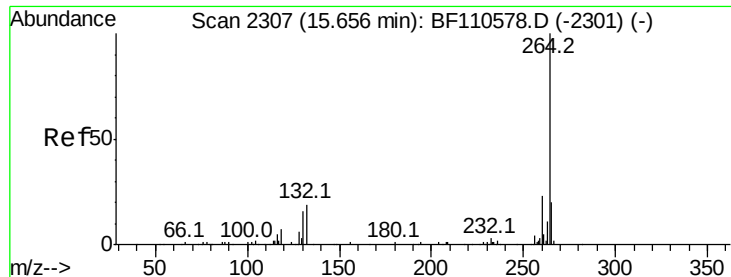
Ion Ratio Lower Upper

276 100

138 21.3 18.5 27.7

277 24.3 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

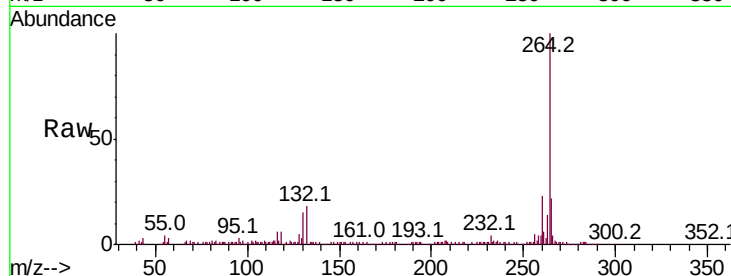
Tot Ion:264 Resp: 148621

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

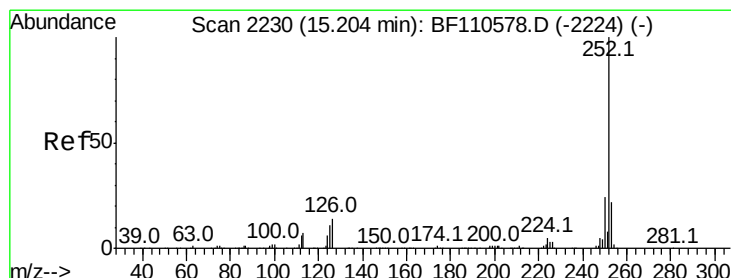
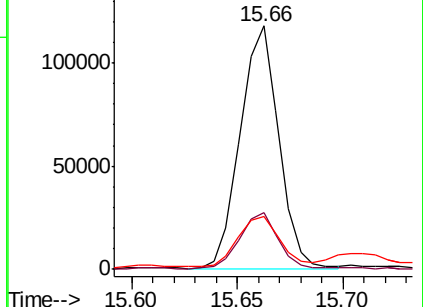
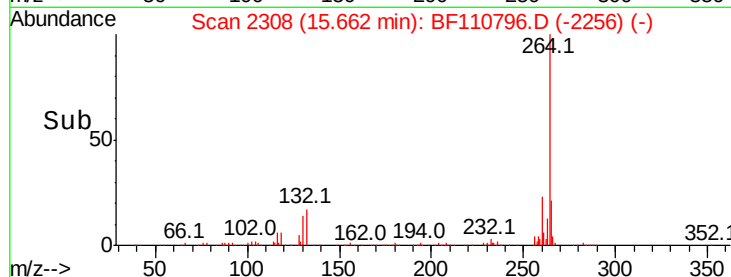
265 21.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 65.160 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

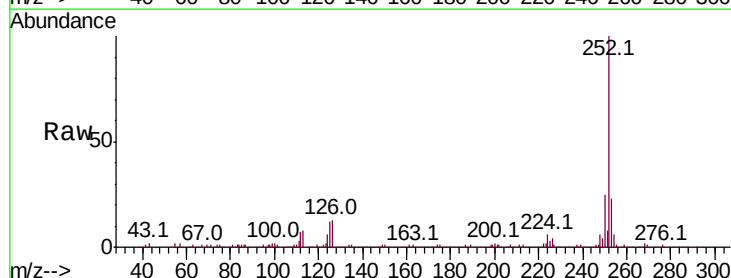
Tgt Ion:252 Resp: 579341

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

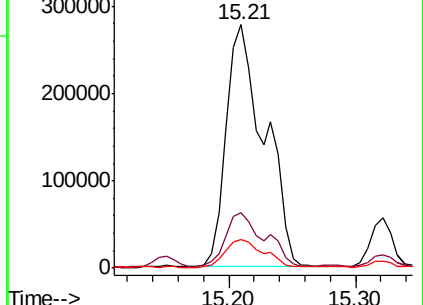
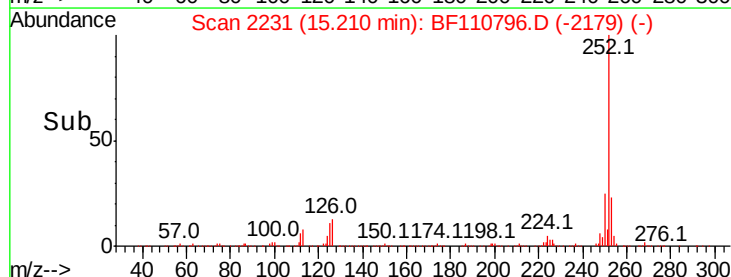
125 11.6 8.2 12.4

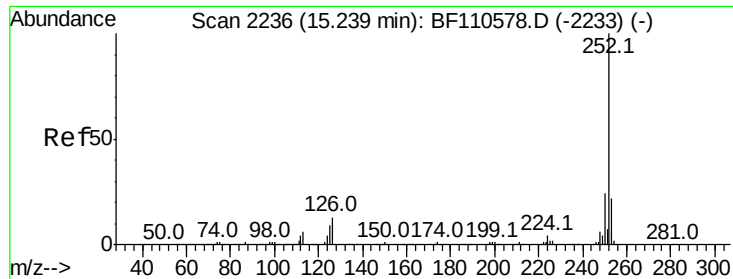


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

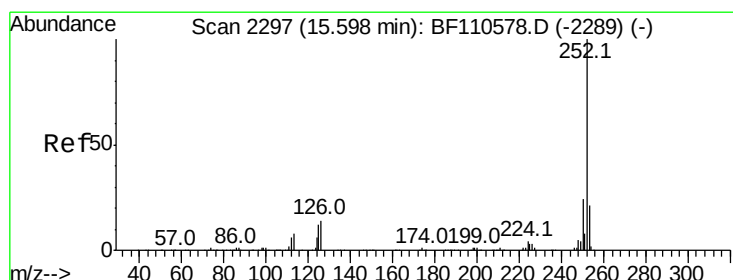
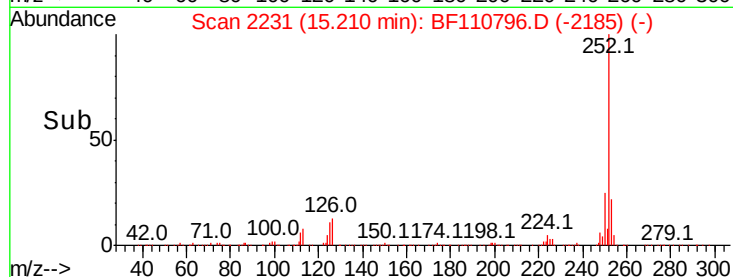
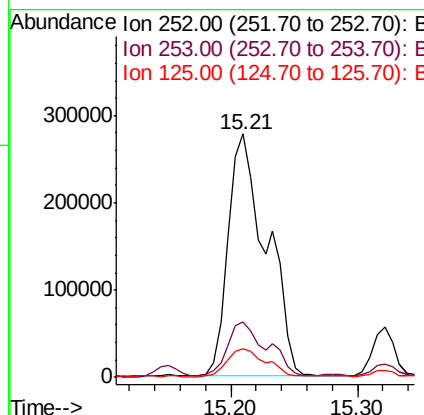
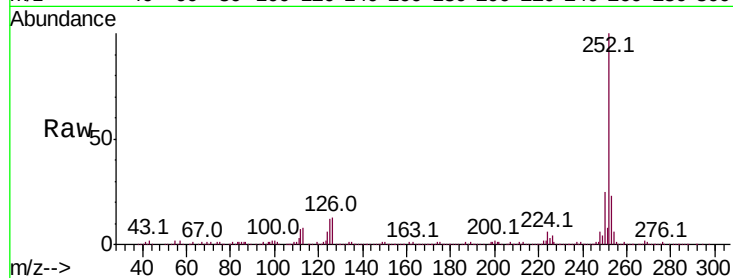




#89
Benzo(k)fluoranthene
Concen: 65.952 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

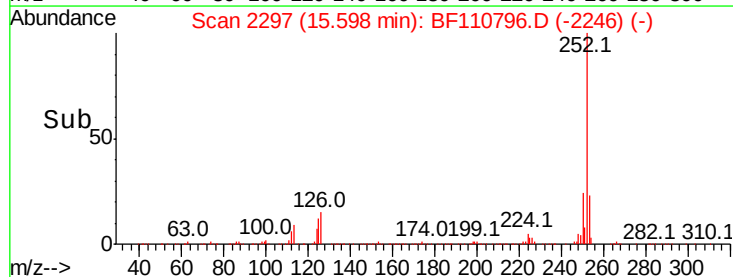
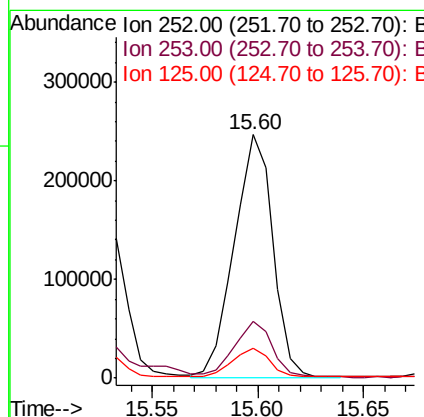
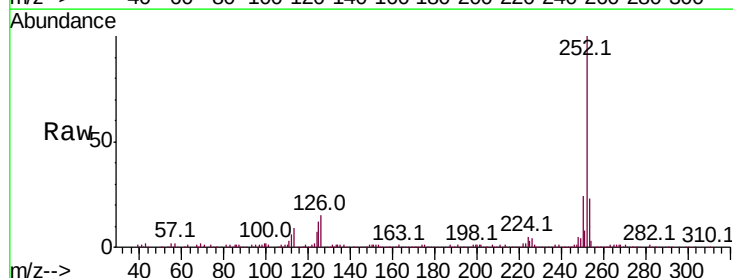
Instrument :
BNA_F
ClientSampleId :

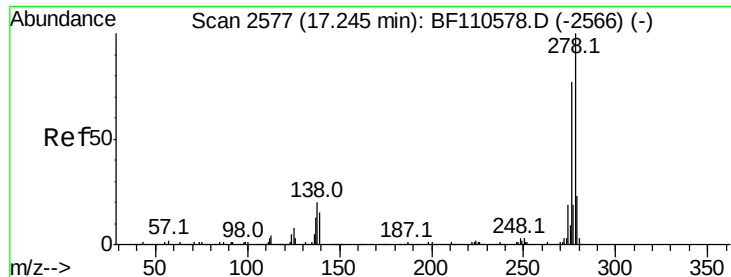
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.6	7.4	11.0



#90
Benzo(a)pyrene
Concen: 38.545 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110796.D
Acq: 15 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 3.702 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.22 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

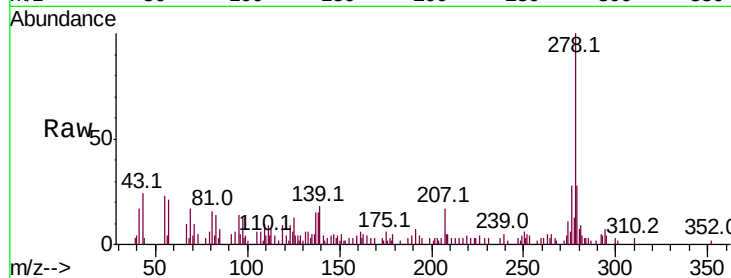
Tot Ion:278 Resp: 25304

Ion Ratio Lower Upper

278 100

139 18.2 12.7 19.1

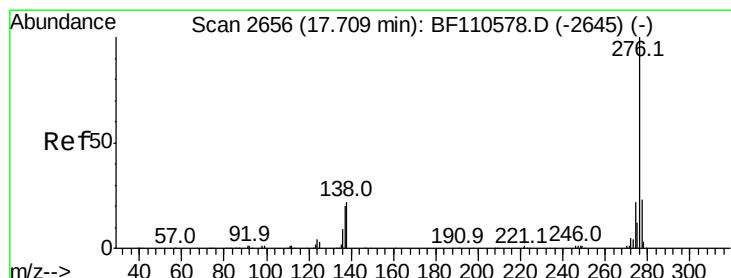
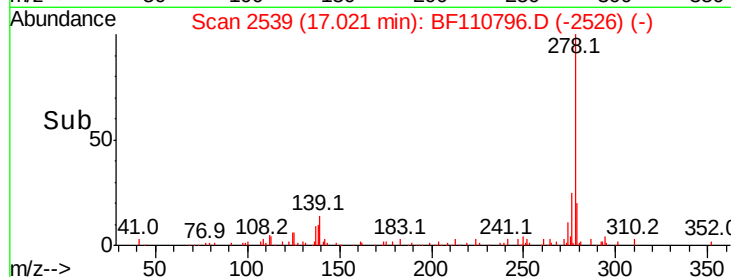
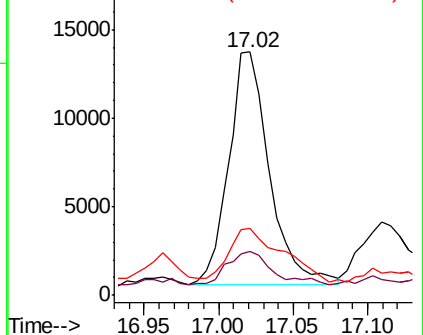
279 27.6 19.0 28.4



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



#92

Benzo(g,h,i)perylene

Concen: 17.801 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.01 min

Lab File: BF110796.D

Acq: 15 Nov 2018 18:50

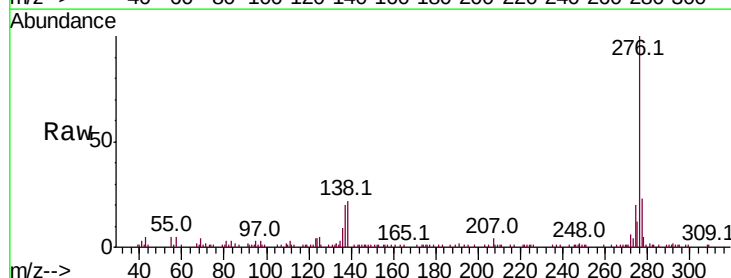
Tgt Ion:276 Resp: 120741

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 22.2 16.0 24.0



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

