

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110797.D
 Acq On : 15 Nov 2018 19:17
 Operator : JU/SJ
 Sample : J5767-11 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:29:08 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	63800	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	258223	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	110096	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	173550	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	162299	20.00	ng	0.00
87) Perylene-d12	15.66	264	125056	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	199330	50.75	ng	-0.01
7) Phenol-d6	6.56	99	252605	50.29	ng	-0.01
23) Nitrobenzene-d5	7.50	82	156838	34.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	49185	44.34	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	276047	35.81	ng	-0.01
79) Terphenyl-d14	13.06	244	220927	25.49	ng	-0.01

Target Compounds				Qvalue		
9) Benzaldehyde	6.53	77	344	Below Cal	#	1
10) Phenol	6.57	94	12737	2.187 ng		80
19) n-Nitroso-di-n-propylamine	7.50	70	20621	6.432 ng	#	78
25) Isophorone	7.50	82	156837	21.341 ng	#	67
31) Naphthalene	8.25	128	224481	18.518 ng		99
33) 4-Chloroaniline	8.25	127	28657	5.219 ng	#	36
35) Caprolactam	8.93	113	5853	4.878 ng	#	1
37) 2-Methylnaphthalene	8.93	142	247257	31.115 ng		99
38) 1-Methylnaphthalene	8.93	142	247257	32.353 ng		96
46) 1,1'-Biphenyl	9.40	154	28632	2.788 ng		95
49) Acenaphthylene	9.85	152	39914	3.746 ng	#	90
50) Dimethylphthalate	9.69	163	27941	3.401 ng		100
52) Acenaphthene	10.02	154	28518	4.235 ng		92
58) Fluorene	10.53	166	115097	15.209 ng	#	98
71) Phenanthrene	11.50	178	452359	48.652 ng		99
72) Anthracene	11.56	178	84996	9.062 ng		96
75) Fluoranthene	12.70	202	232091	24.898 ng		98
78) Pyrene	12.93	202	396305	31.713 ng		99
81) Benzo(a)anthracene	14.16	228	169381	17.461 ng		93
83) Chrysene	14.16	228	169381	18.327 ng		97
86) Indeno(1,2,3-cd)pyrene	17.24	276	42796	6.453 ng		98
88) Benzo(b)fluoranthene	15.20	252	169555	22.664 ng		94
89) Benzo(k)fluoranthene	15.20	252	170400	23.051 ng	#	93
90) Benzo(a)pyrene	15.60	252	111648	16.425 ng		99
91) Dibenzo(a,h)anthracene	17.23	278	14016	2.437 ng	#	70
92) Benzo(g,h,i)perylene	17.72	276	42780	7.496 ng		96

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

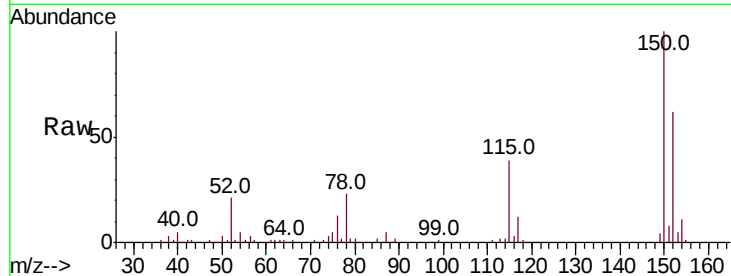


#1

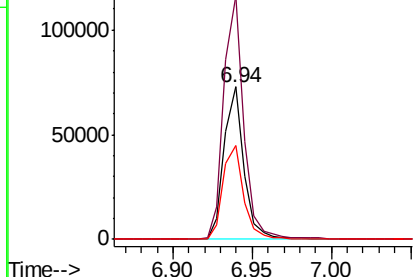
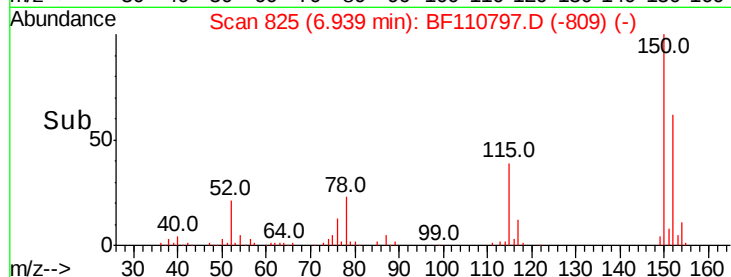
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63800
Ion Ratio Lower Upper
152 100
150 160.1 122.7 184.1
115 62.1 49.1 73.7



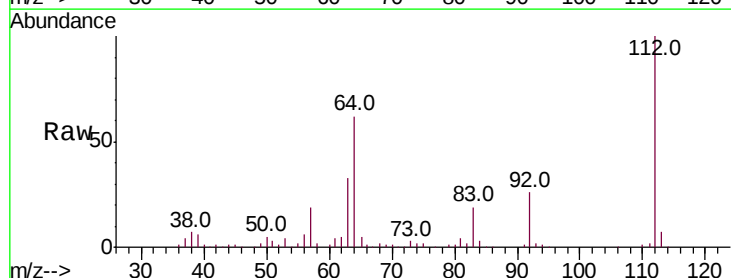
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



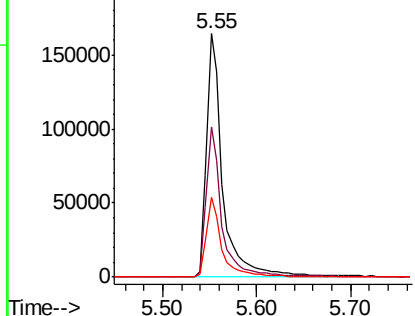
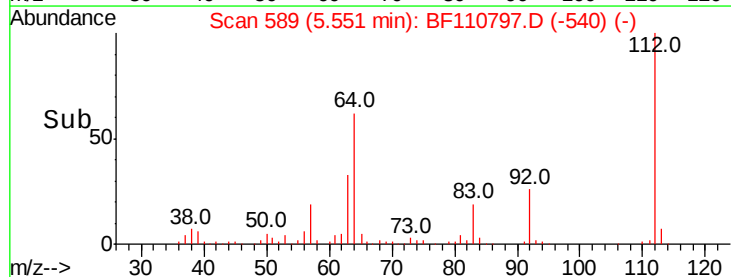
#5

2-Fluorophenol
Concen: 50.748 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion:112 Resp: 199330
Ion Ratio Lower Upper
112 100
64 61.8 44.1 66.1
63 32.6 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: 50.292 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Instrument :

BNA_F

ClientSampled :

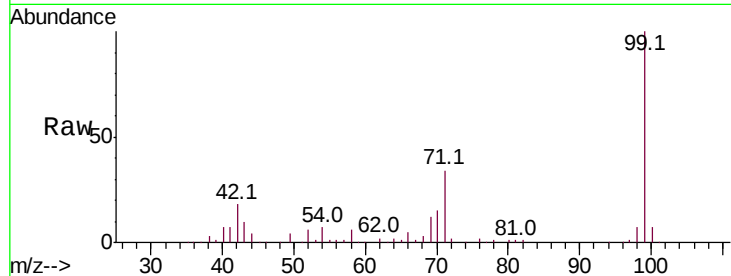
Tot Ion: 99 Resp: 252605

Ion Ratio Lower Upper

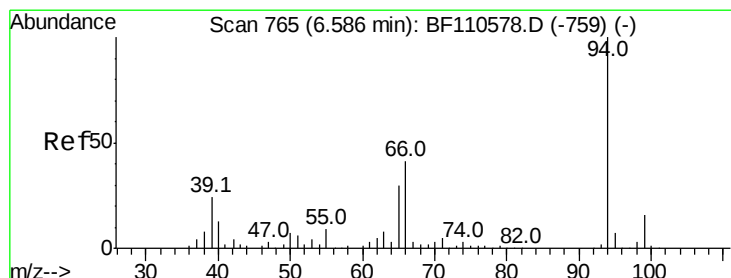
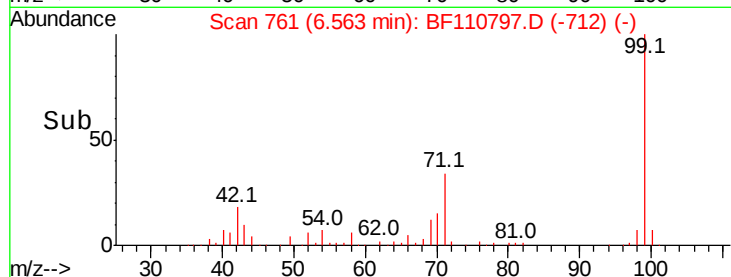
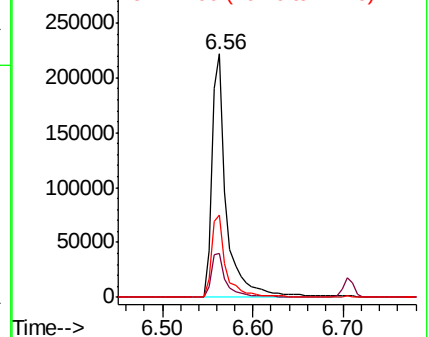
99 100

42 18.0 15.8 23.6

71 34.0 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: 2.187 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

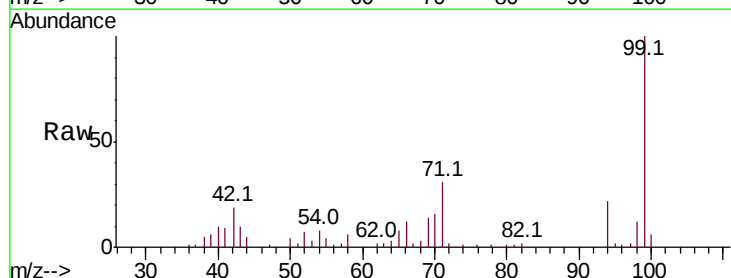
Tgt Ion: 94 Resp: 12737

Ion Ratio Lower Upper

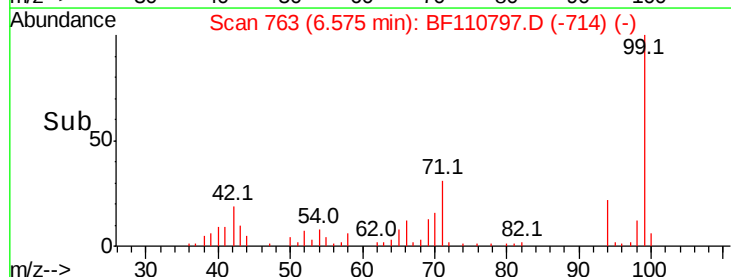
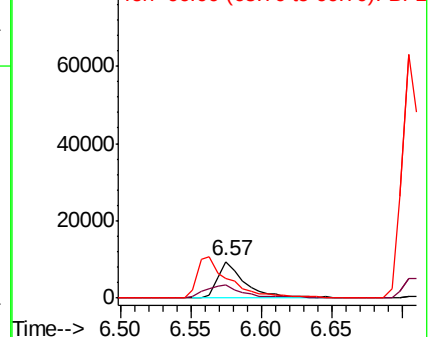
94 100

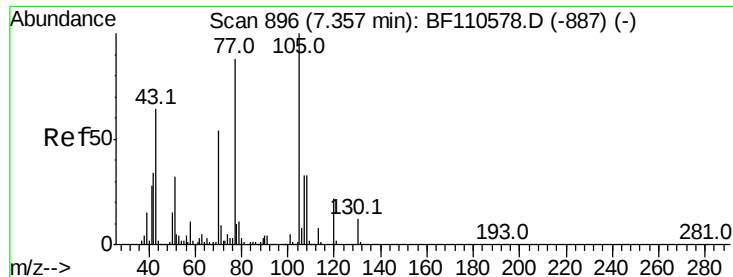
65 34.8 25.3 65.3

66 55.2 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

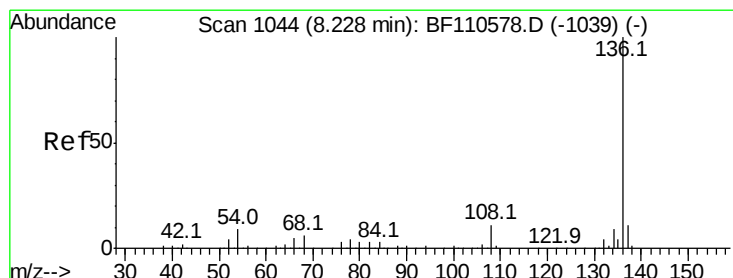
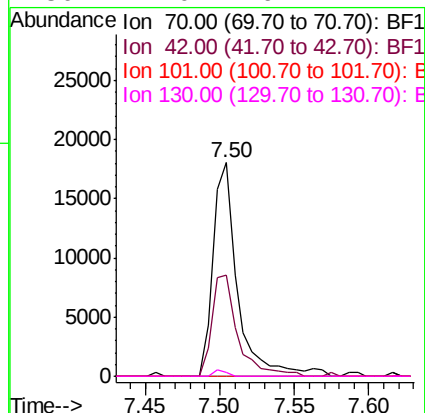
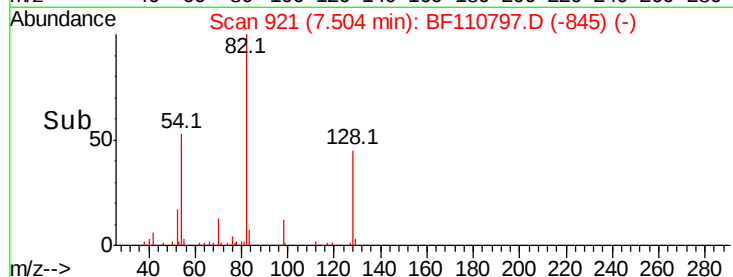
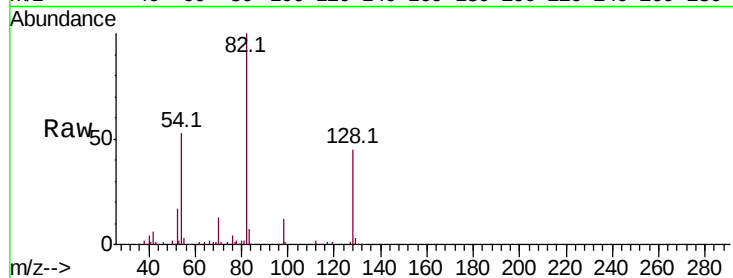




#19
n-Nitroso-di-n-propylamine
Concen: 6.432 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

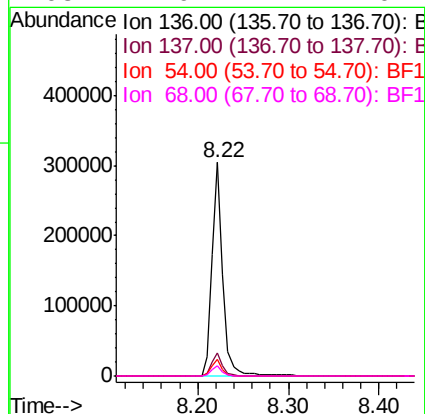
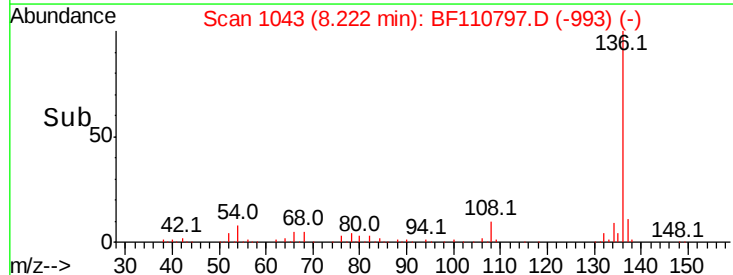
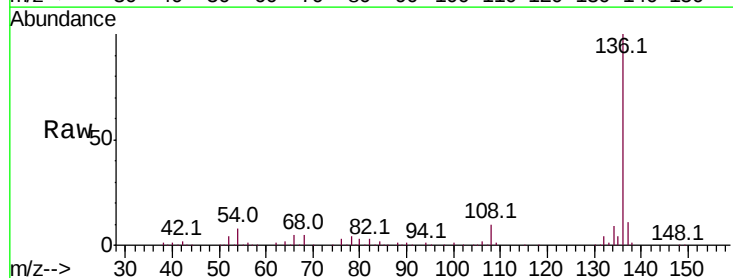
Instrument :
BNA_F
ClientSampled :

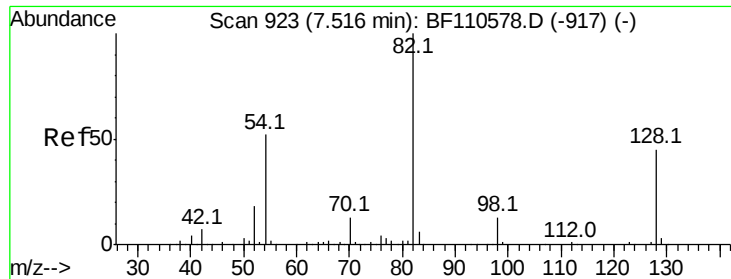
Tot Ion: 70 Resp: 20621
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion: 136 Resp: 258223
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 5.4 8.2
68 4.9 4.2 6.2

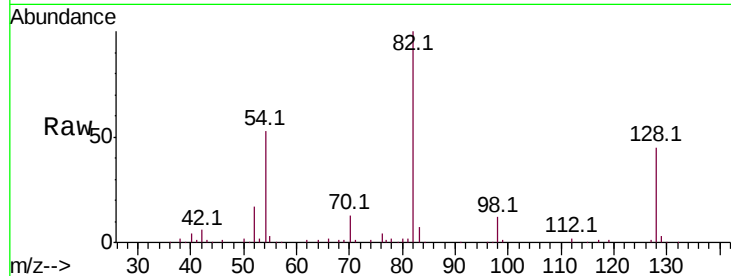




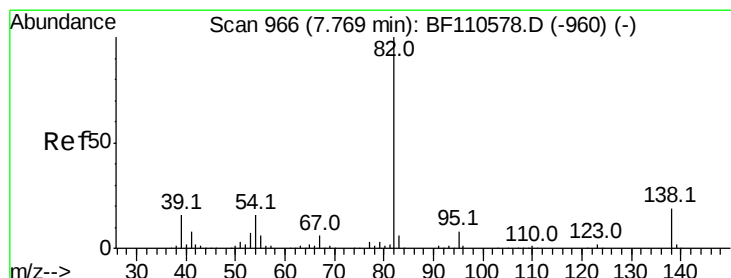
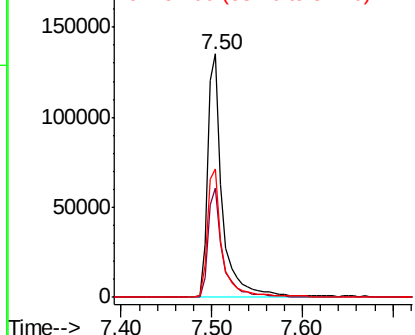
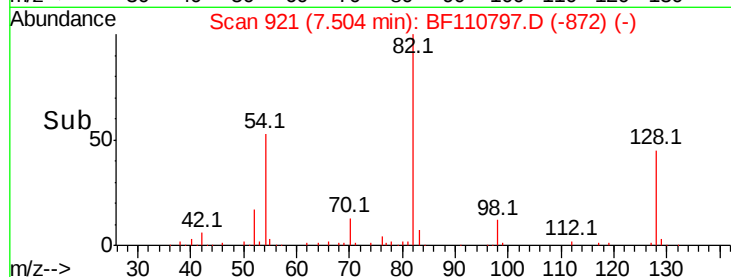
#23
 Nitrobenzene-d5
 Concen: 34.978 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110797.D
 Acq: 15 Nov 2018 19:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	156838
Ion Ratio	Lower	Upper	
82	100		
128	44.9	34.2	51.2
54	52.7	38.6	58.0

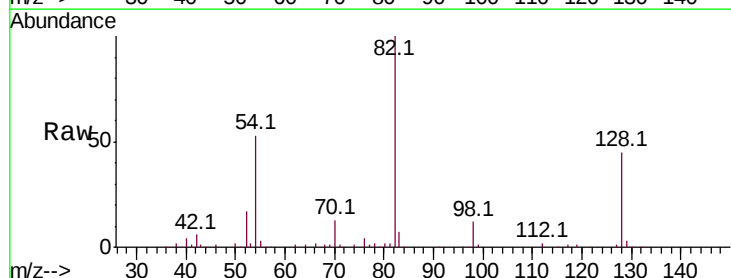


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

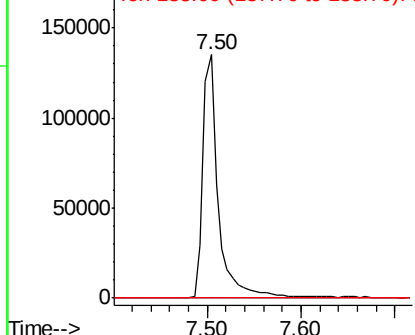
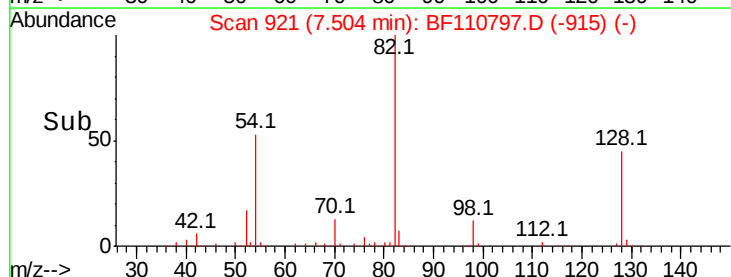


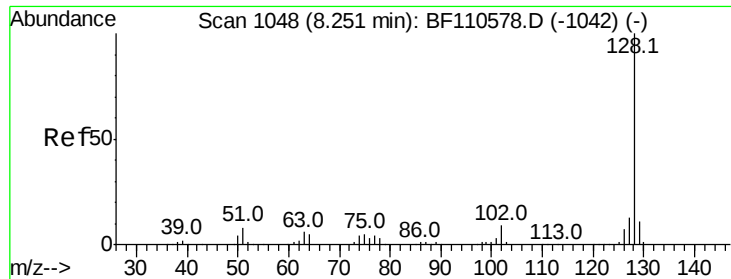
#25
 Isophorone
 Concen: 21.341 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110797.D
 Acq: 15 Nov 2018 19:17

Tgt Ion	82	Resp	156837
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

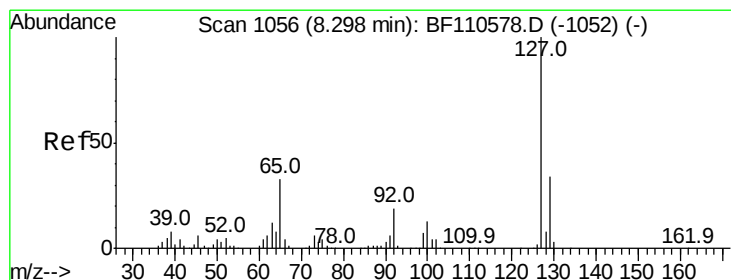
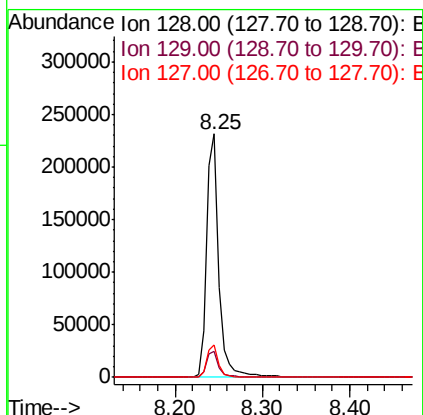
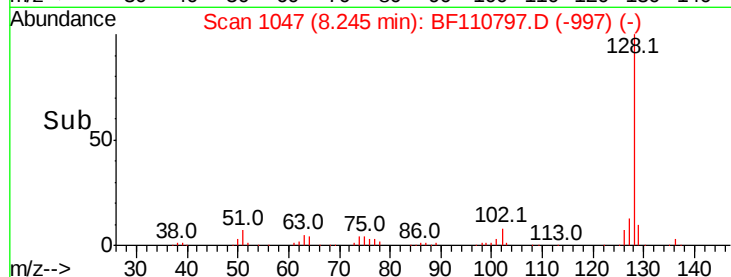
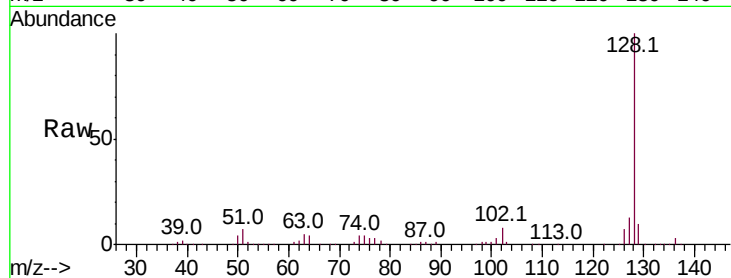




#31
Naphthalene
Concen: 18.518 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

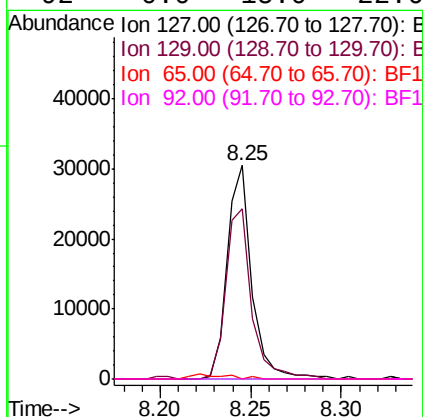
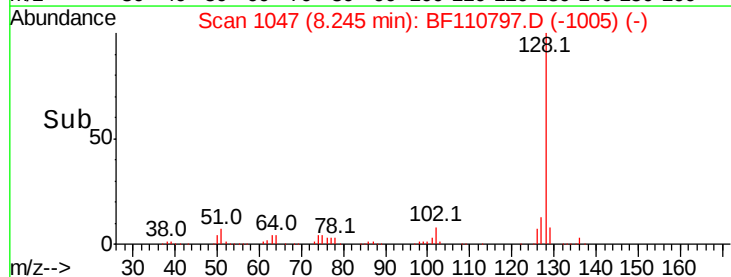
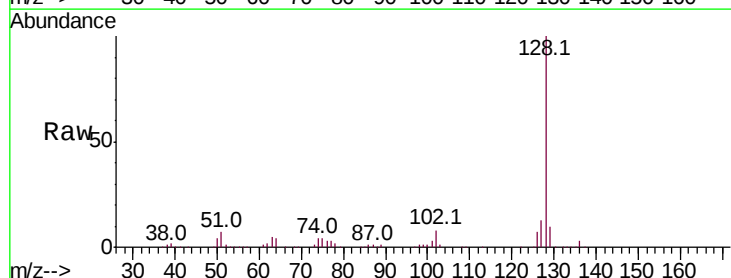
Instrument :
BNA_F
ClientSampleId :

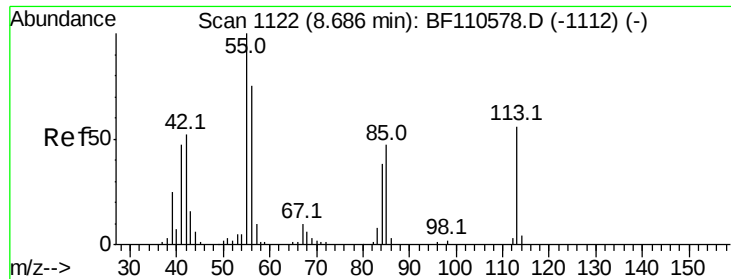
Tot Ion:128 Resp: 224481
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.2 10.8 16.2



#33
4-Chloroaniline
Concen: 5.219 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion:127 Resp: 28657
Ion Ratio Lower Upper
127 100
129 79.5 26.0 39.0#
65 0.0 25.1 37.7#
92 0.0 15.0 22.6#

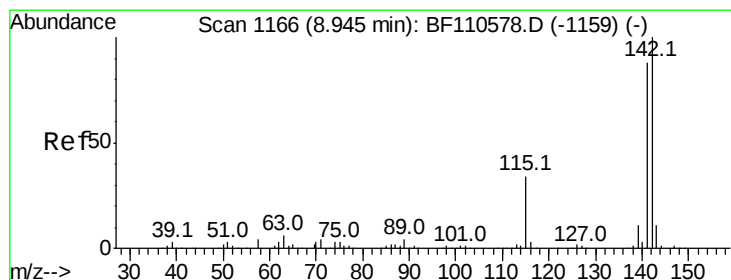
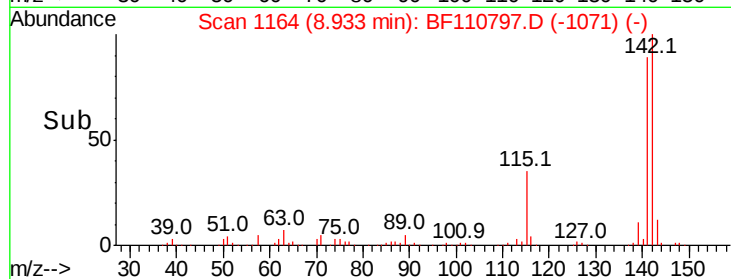
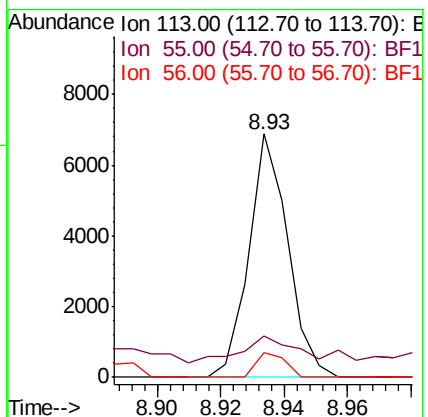
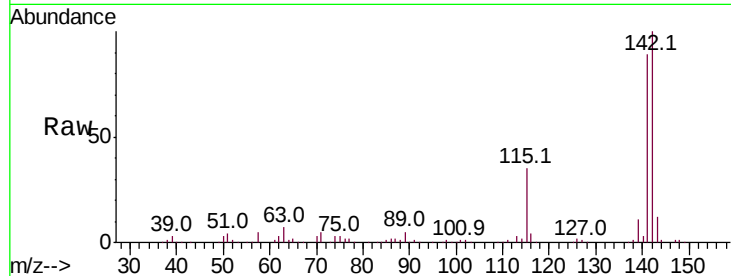




#35
 Caprolactam
 Concen: 4.878 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.25 min
 Lab File: BF110797.D
 Acq: 15 Nov 2018 19:17

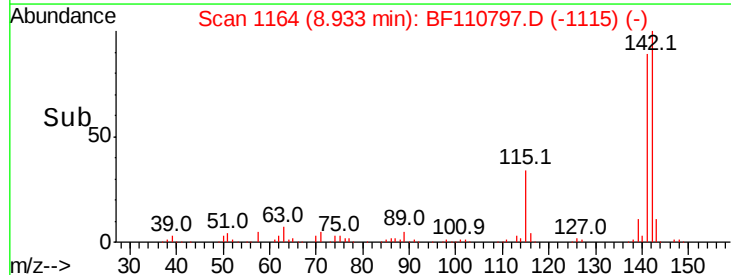
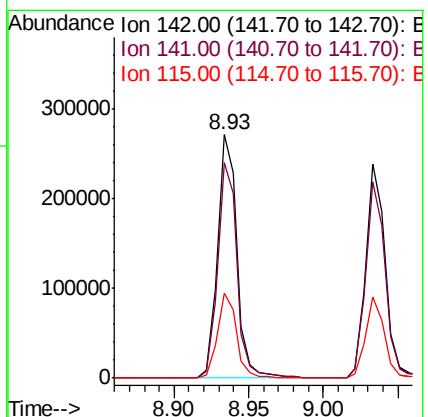
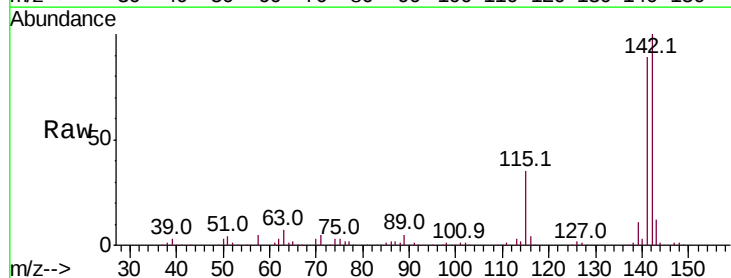
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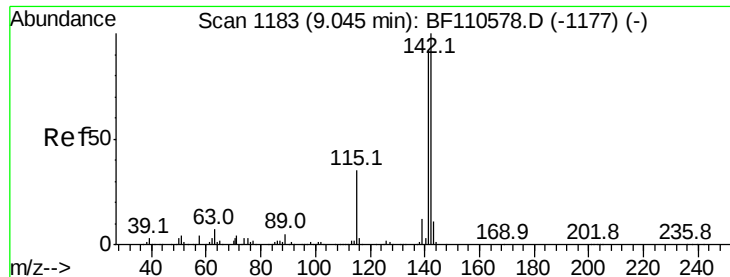
Tot Ion:113 Resp: 5853
 Ion Ratio Lower Upper
 113 100
 55 16.7 142.8 182.8#
 56 10.1 105.0 145.0#



#37
 2-Methylnaphthalene
 Concen: 31.115 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF110797.D
 Acq: 15 Nov 2018 19:17

Tgt Ion:142 Resp: 247257
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.4 107.2
 115 34.6 28.7 43.1





#38

1-Methylnaphthalene

Concen: 32.353 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.11 min

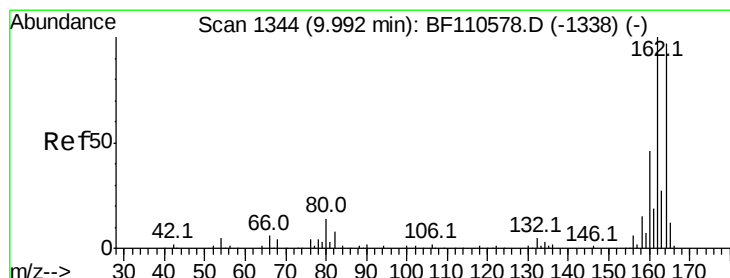
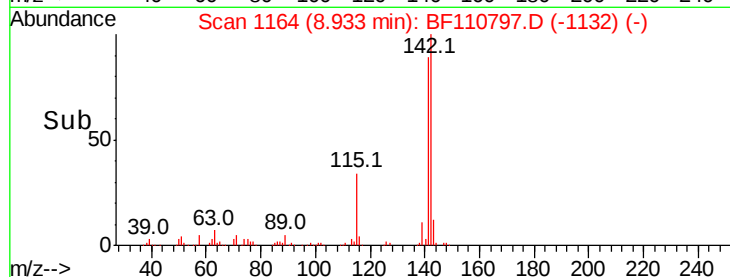
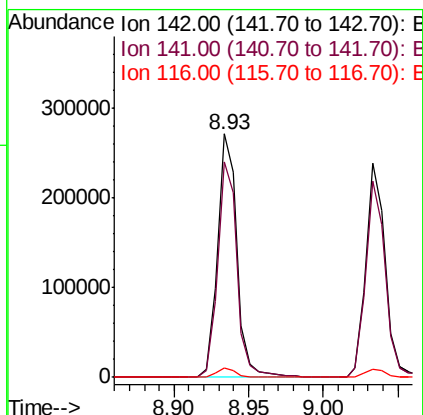
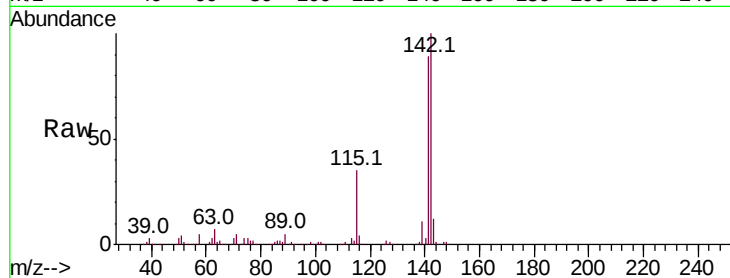
Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 247257

Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.2	111.4
116	3.7	2.6	4.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

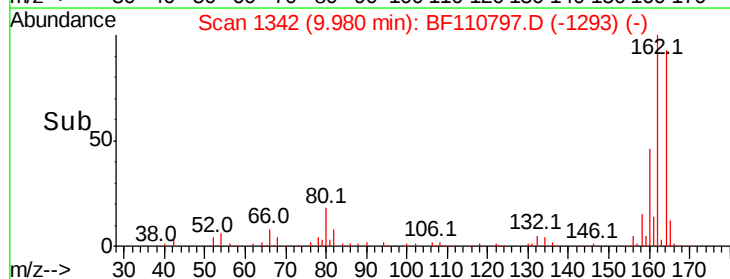
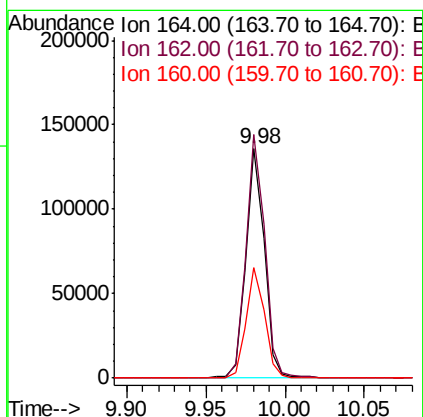
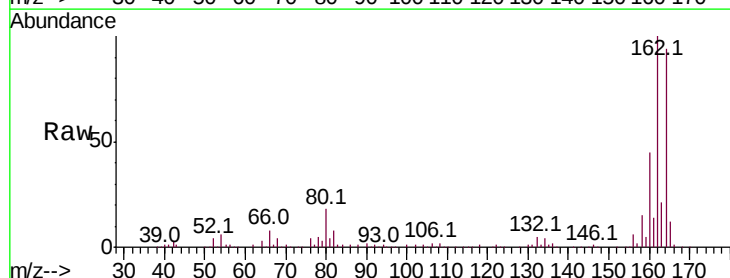
Delta R.T. -0.01 min

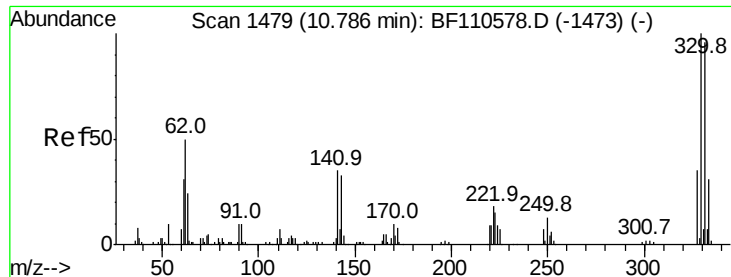
Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Tgt Ion:164 Resp: 110096

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.6
160	48.1	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 44.337 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :

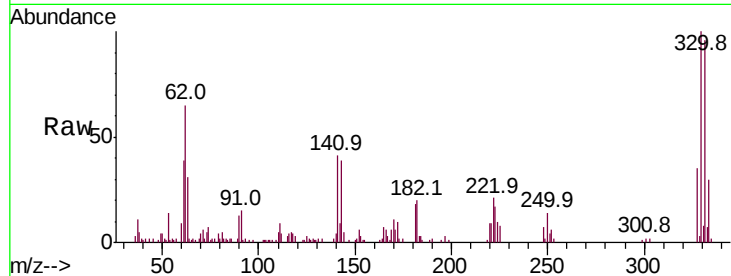
Tot Ion:330 Resp: 49185

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

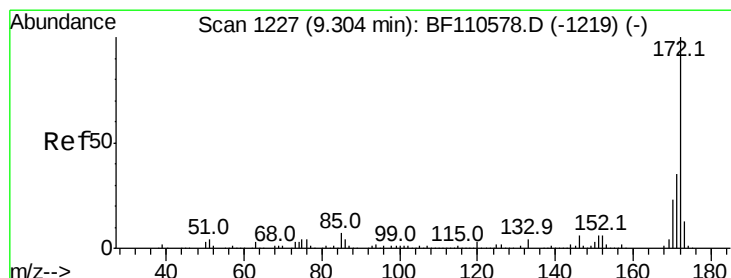
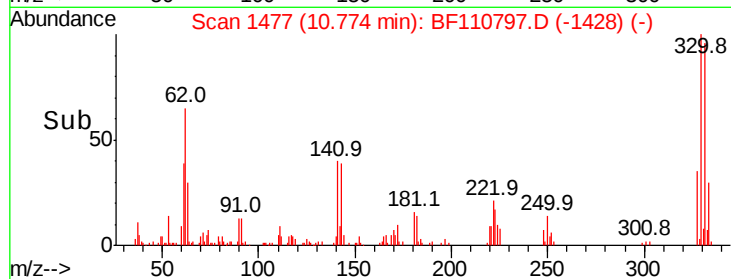
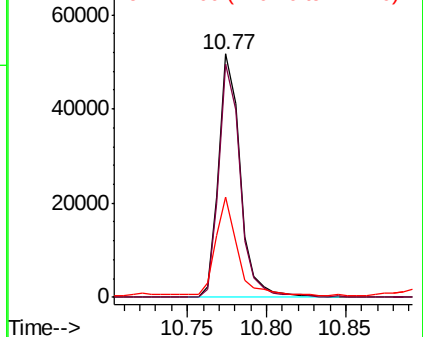
141 39.8 27.0 40.4



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: 35.809 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

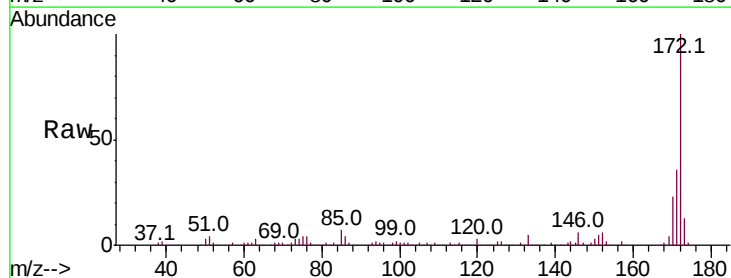
Tgt Ion:172 Resp: 276047

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

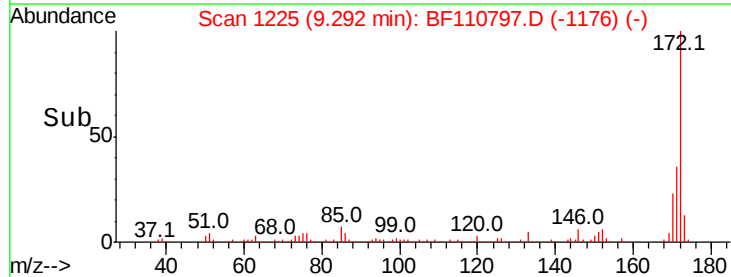
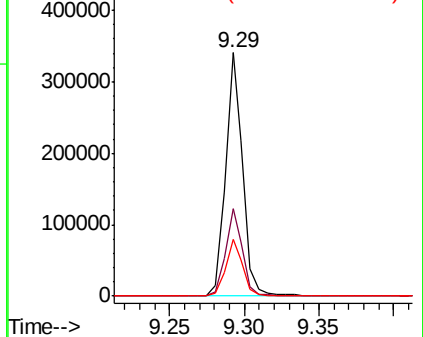
170 23.2 19.7 29.5

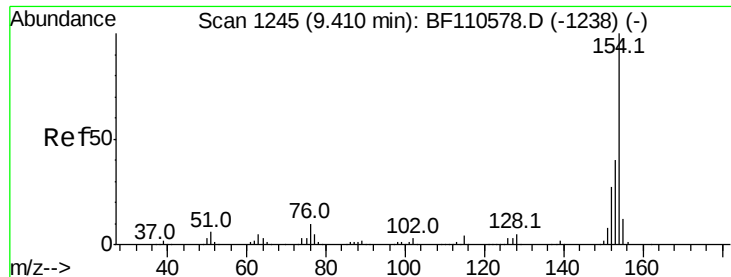


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

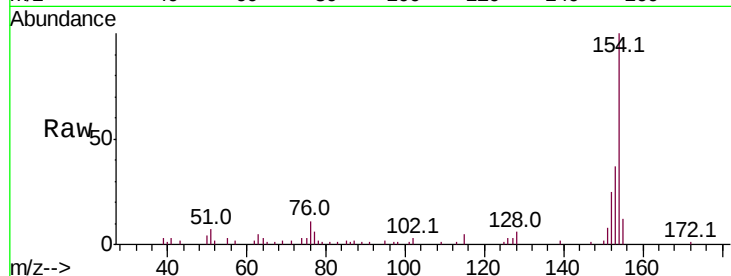




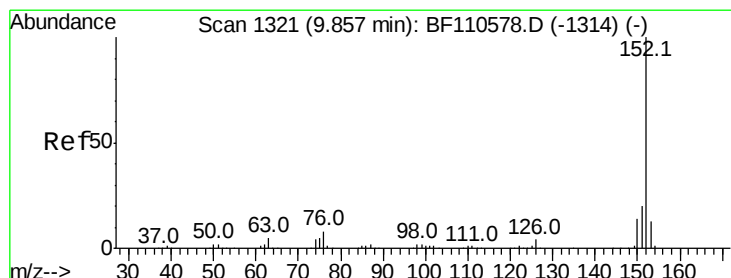
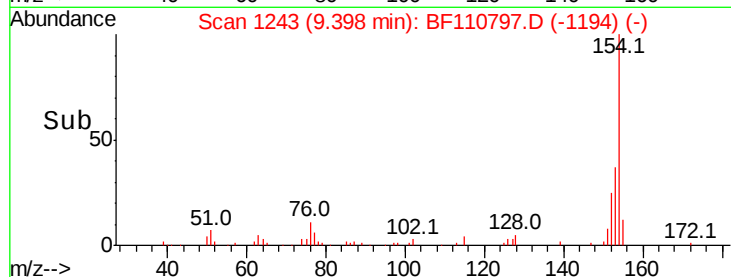
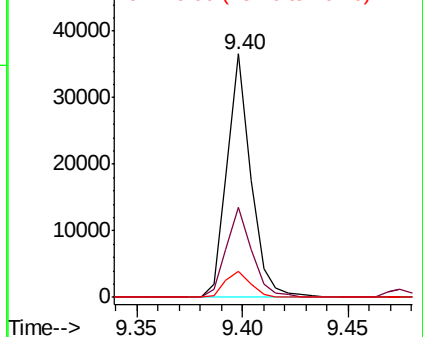
#46
 1,1'-Biphenyl
 Concen: 2.788 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF110797.D
 Acq: 15 Nov 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154	Resp:	28632
Ion	Ratio	Lower Upper
154	100	
153	37.1	20.4 60.4
76	10.8	0.0 31.9

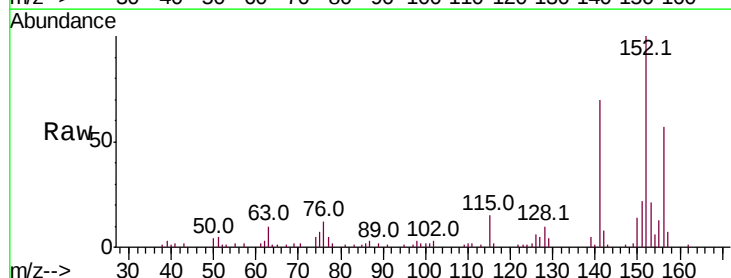


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

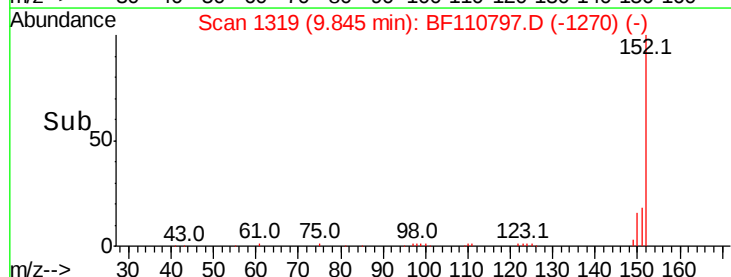
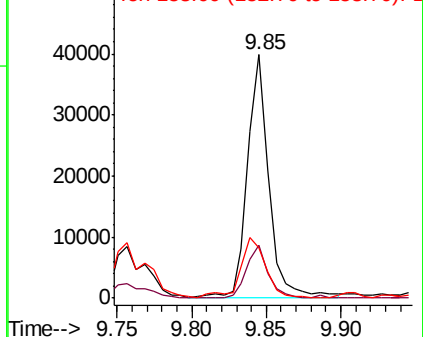


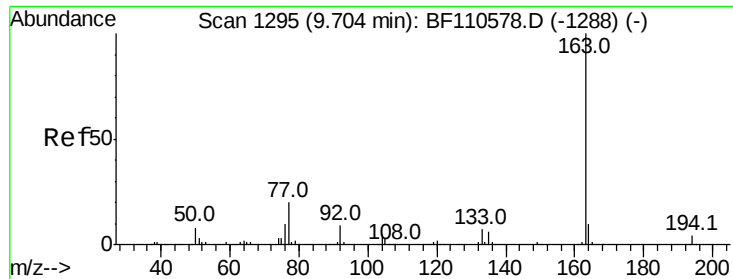
#49
 Acenaphthylene
 Concen: 3.746 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF110797.D
 Acq: 15 Nov 2018 19:17

Tgt Ion:152	Resp:	39914
Ion	Ratio	Lower Upper
152	100	
151	21.7	15.8 23.8
153	20.7	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

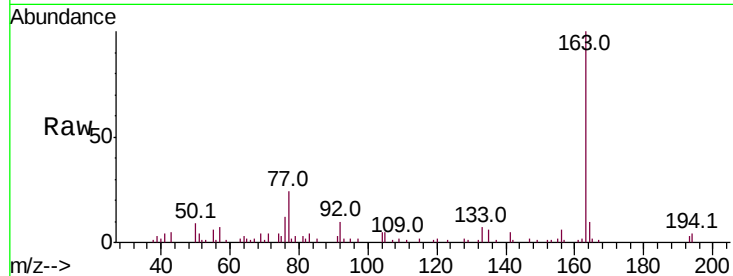




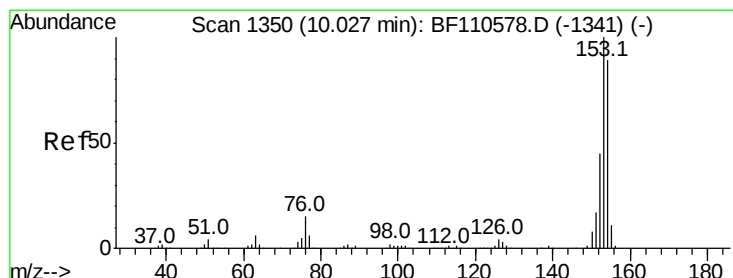
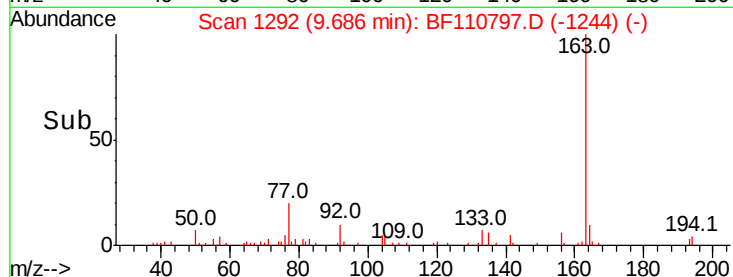
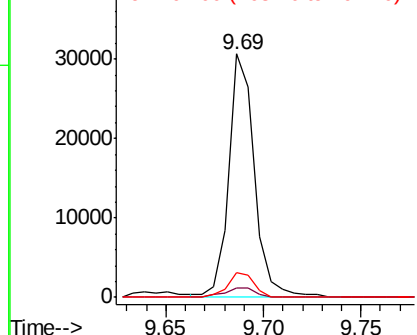
#50
Dimethylphthalate
Concen: 3.401 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.1	12.1

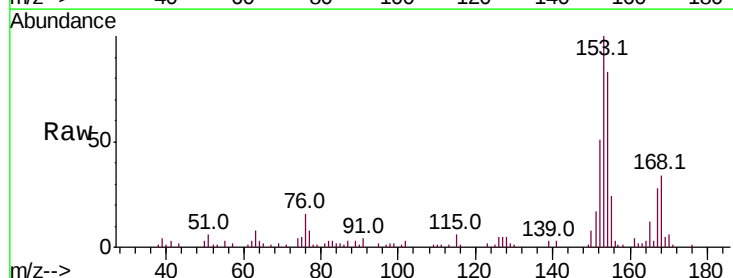


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

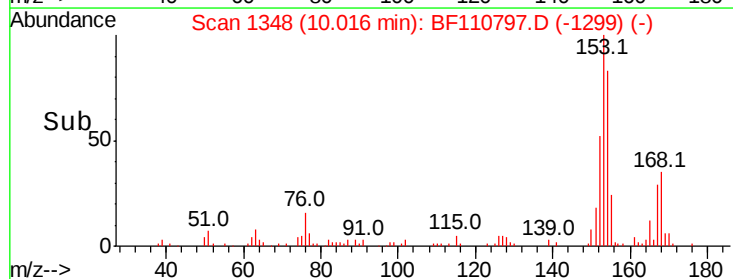
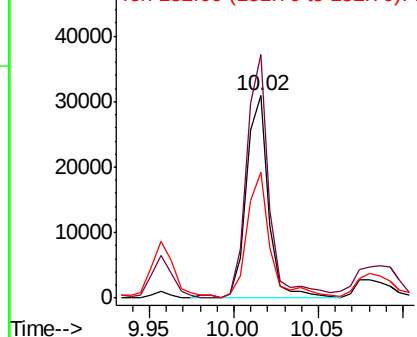


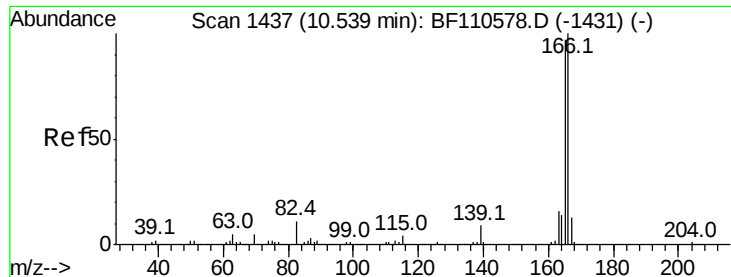
#52
Acenaphthene
Concen: 4.235 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.5	90.1	135.1
152	62.0	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





#58

Fluorene

Concen: 15.209 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :

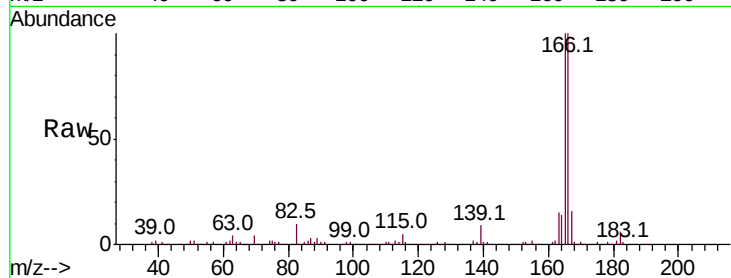
Tot Ion:166 Resp: 115097

Ion Ratio Lower Upper

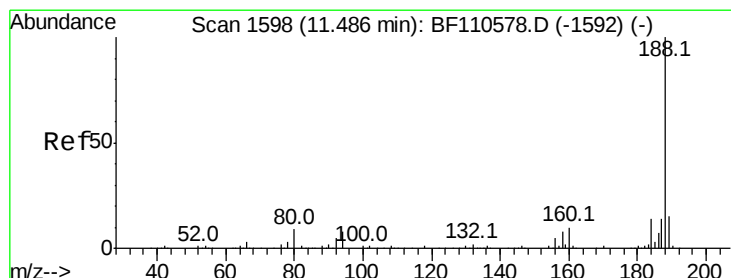
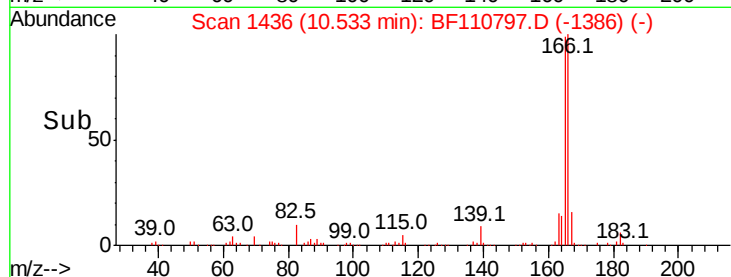
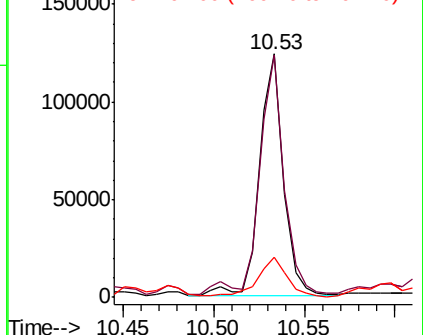
166 100

165 99.6 78.6 117.8

167 16.5 10.8 16.2#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

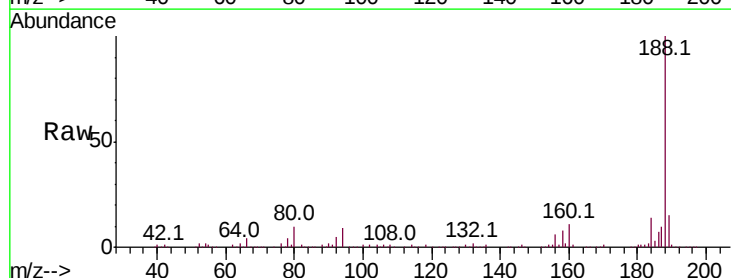
Tgt Ion:188 Resp: 173550

Ion Ratio Lower Upper

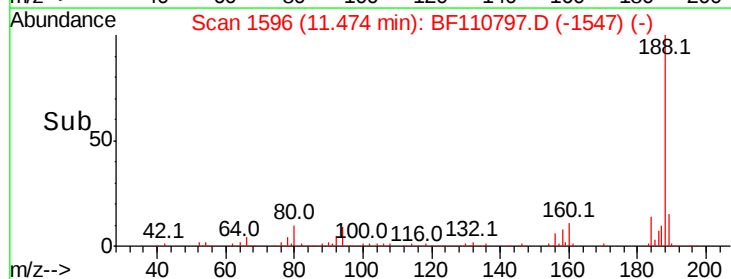
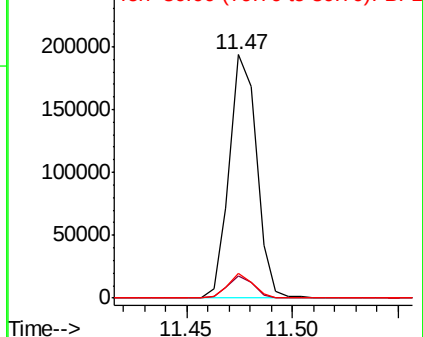
188 100

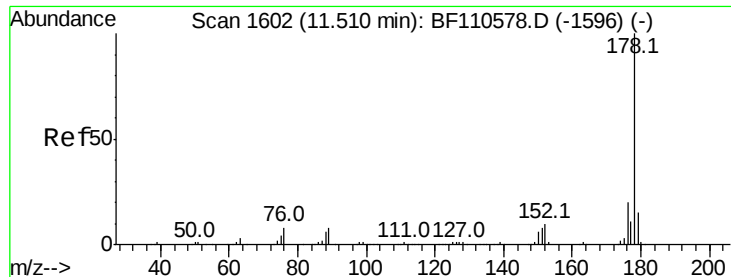
94 9.1 7.2 10.8

80 10.2 7.9 11.9



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

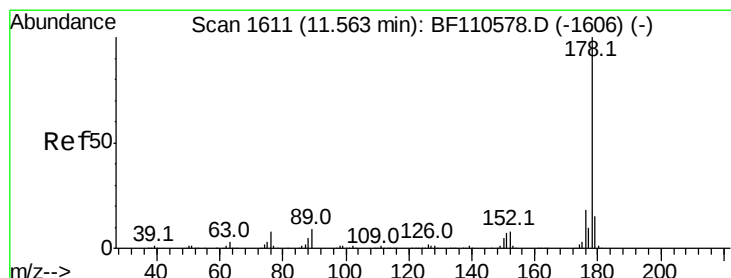
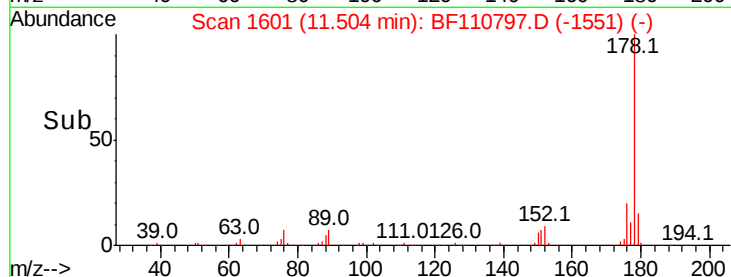
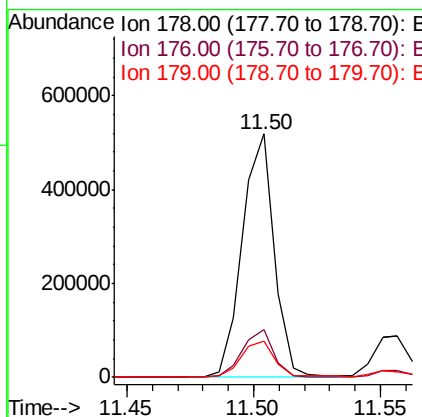
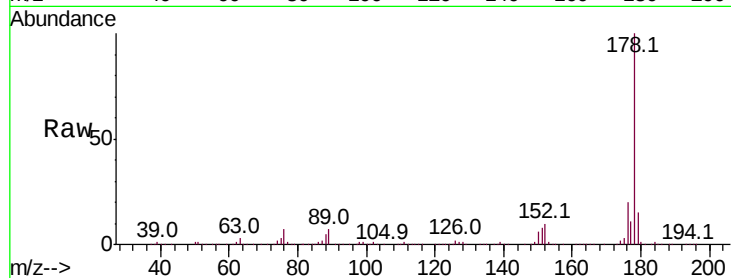




#71
Phenanthrene
Concen: 48.652 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

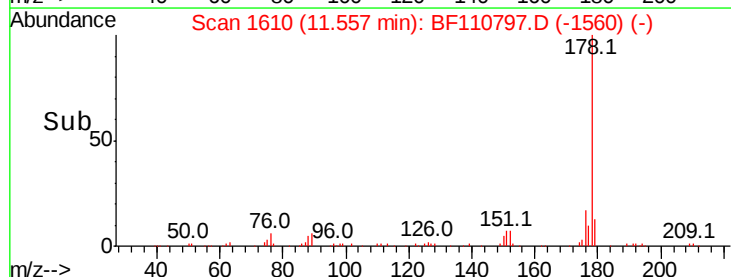
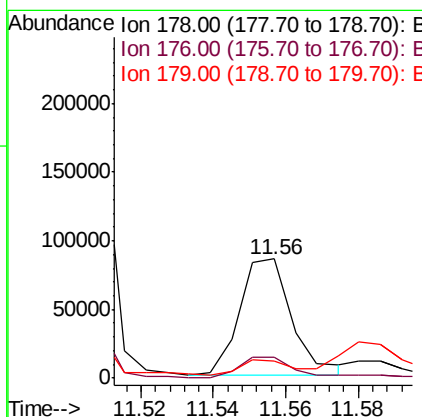
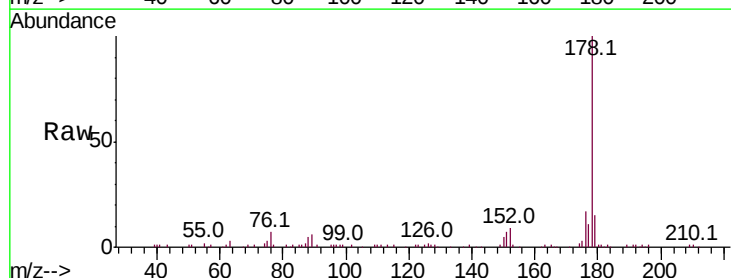
Instrument :
BNA_F
ClientSampleId :

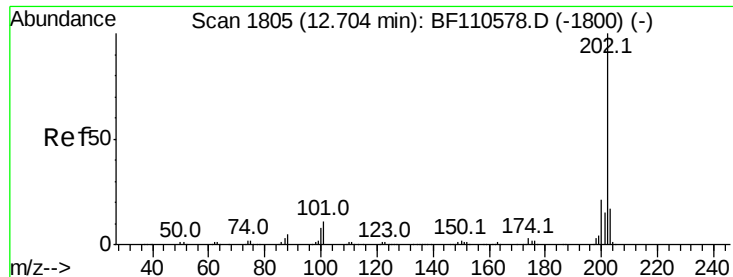
Tot Ion:178 Resp: 452359
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.0 12.5 18.7



#72
Anthracene
Concen: 9.062 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion:178 Resp: 84996
Ion Ratio Lower Upper
178 100
176 17.0 15.4 23.2
179 14.6 12.6 18.8





#75

Fluoranthene

Concen: 24.898 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :

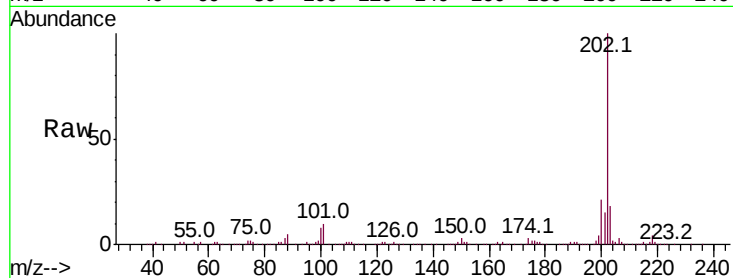
Tot Ion:202 Resp: 232091

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.4

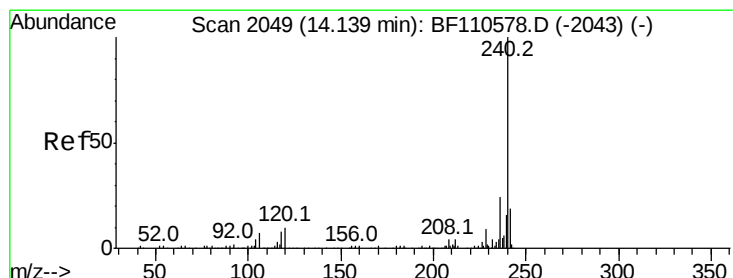
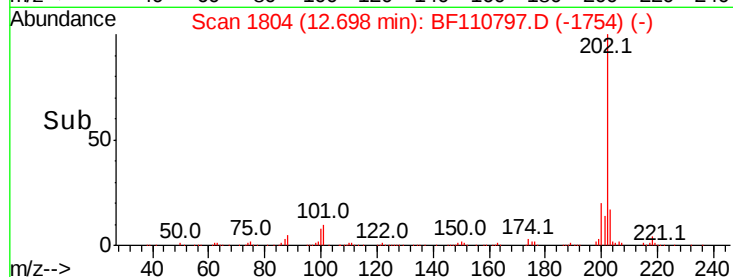
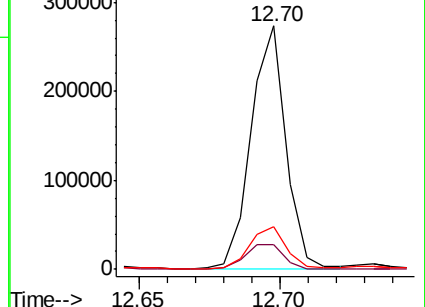
203 17.6 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

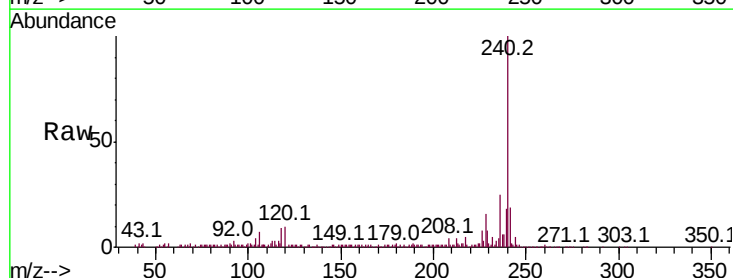
Tgt Ion:240 Resp: 162299

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

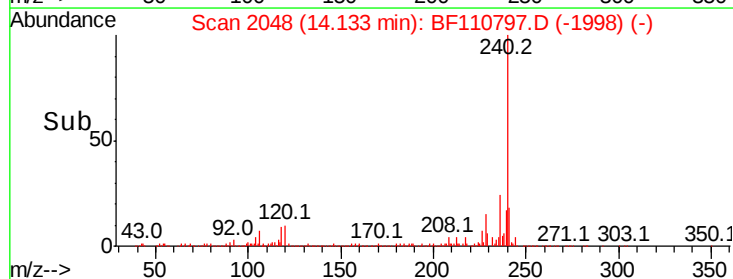
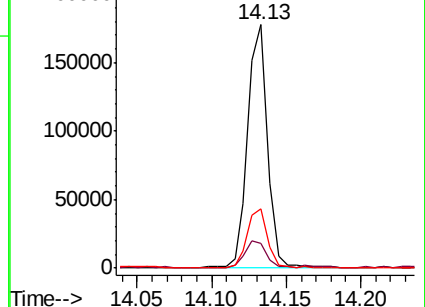
236 24.6 21.2 31.8

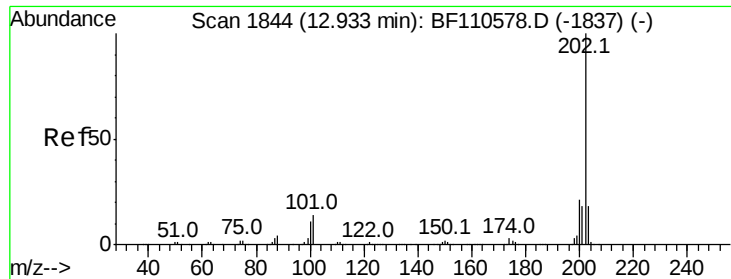


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

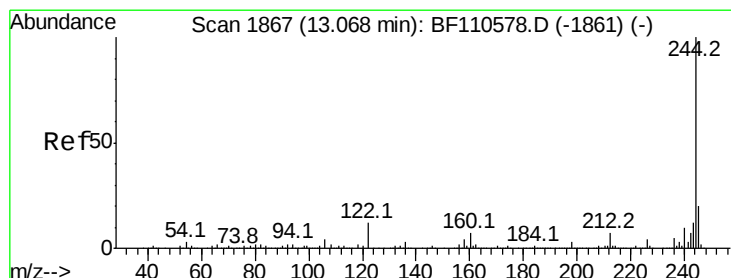
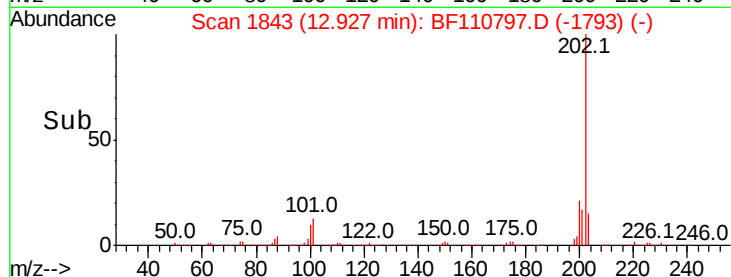
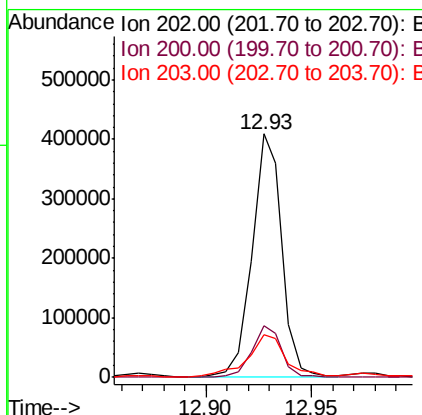
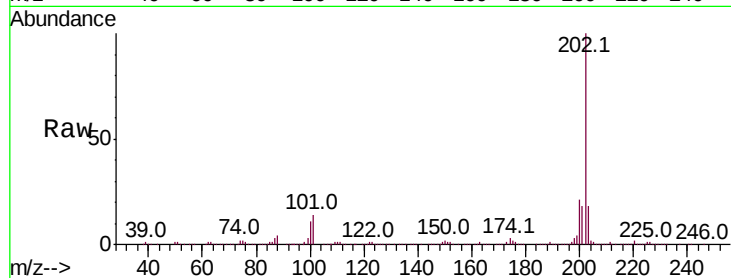




#78
Pvrene
Concen: 31.713 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

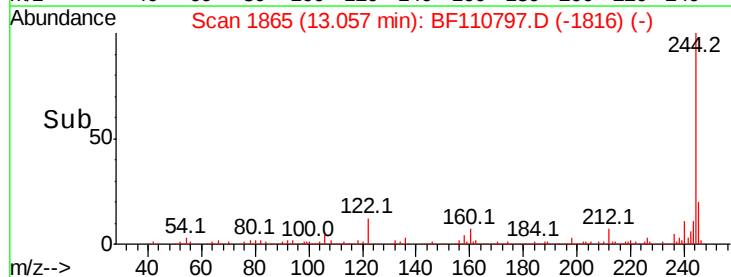
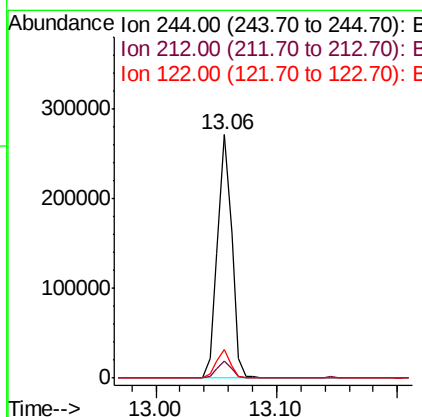
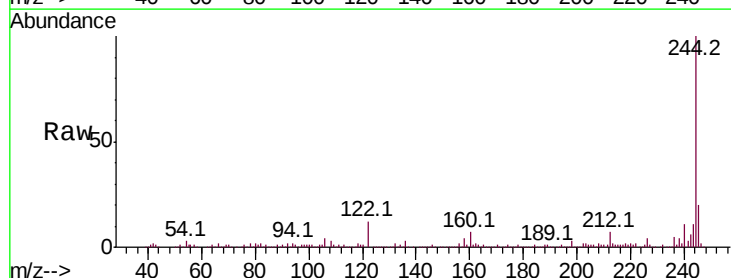
Instrument :
BNA_F
ClientSampled :

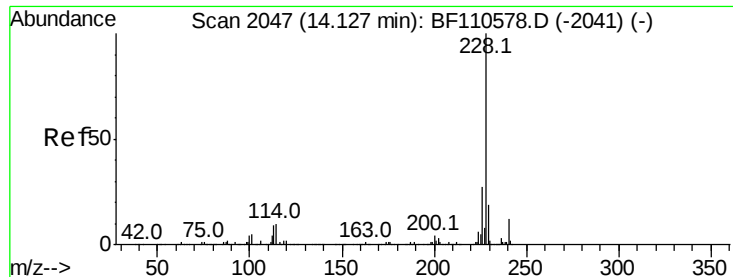
Tot Ion:202 Resp: 396305
Ion Ratio Lower Upper
202 100
200 21.1 17.8 26.6
203 17.8 14.2 21.4



#79
Terphenyl-d14
Concen: 25.493 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion:244 Resp: 220927
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.6 8.7 13.1

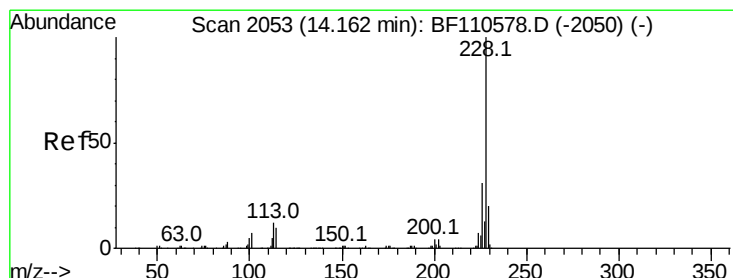
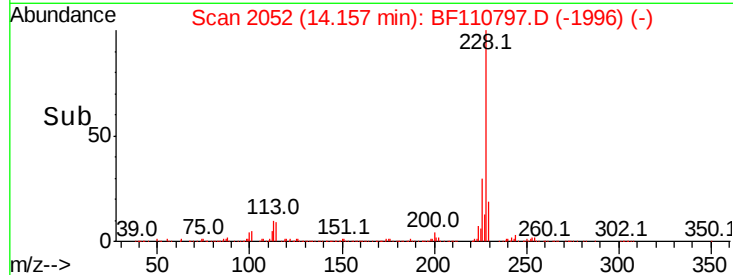
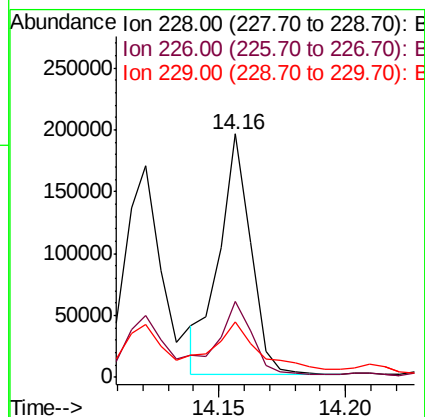
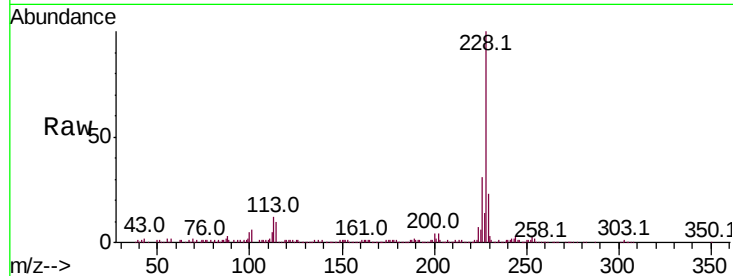




#81
Benzo(a)anthracene
Concen: 17.461 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.03 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

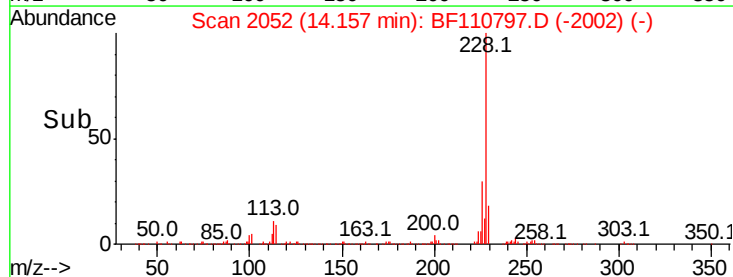
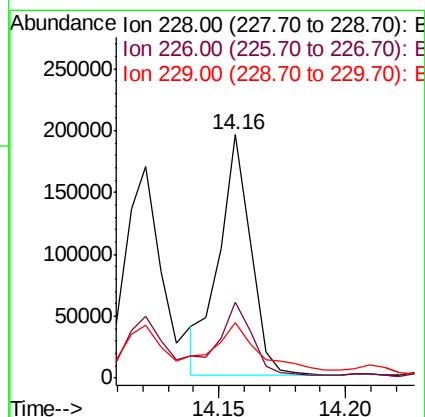
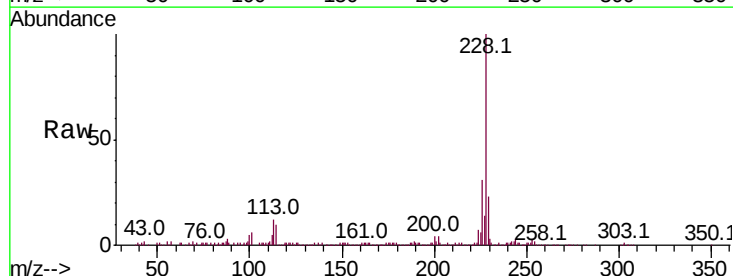
Instrument :
BNA_F
ClientSampleId :

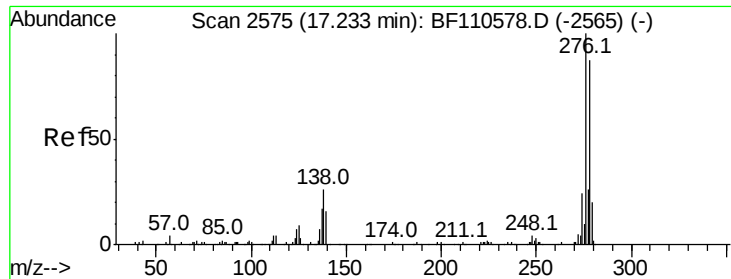
Tot Ion:228 Resp: 169381
Ion Ratio Lower Upper
228 100
226 31.4 22.1 33.1
229 22.7 15.6 23.4



#83
Chrysene
Concen: 18.327 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion:228 Resp: 169381
Ion Ratio Lower Upper
228 100
226 31.4 24.7 37.1
229 22.7 15.9 23.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 6.453 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF110797.D

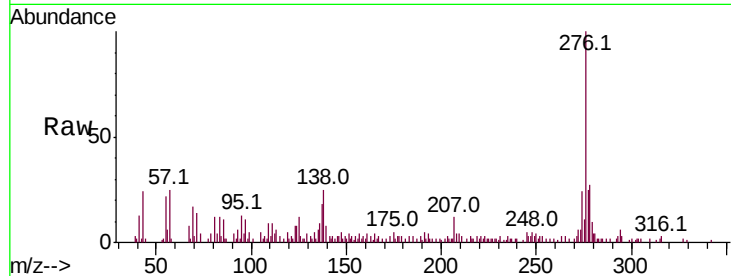
Acq: 15 Nov 2018 19:17

Instrument :

BNA_F

ClientSampled :

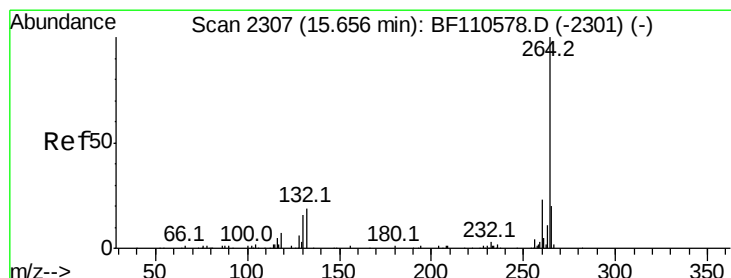
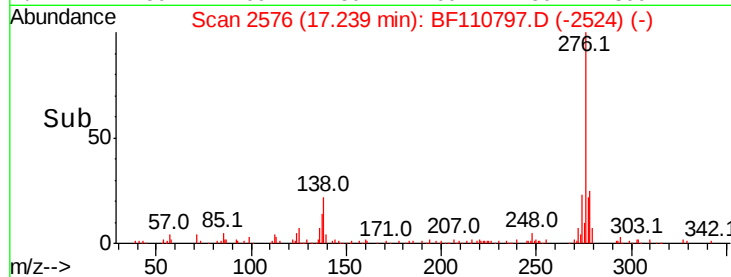
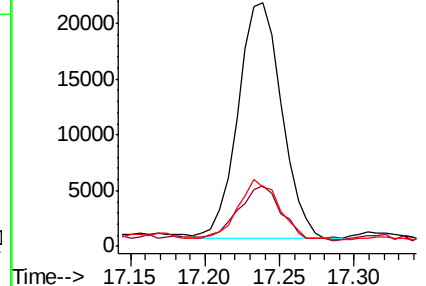
Tot Ion:276	Resp:	42796
Ion Ratio	Lower	Upper
276	100	
138	24.0	18.5 27.7
277	24.1	20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

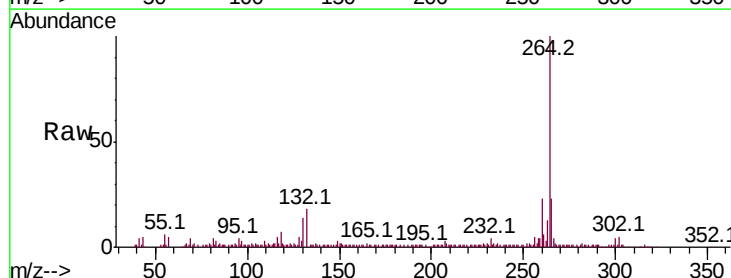
RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

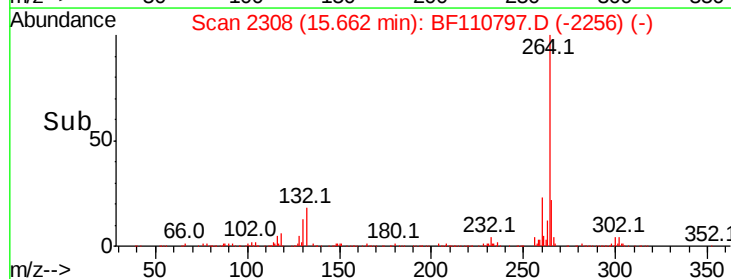
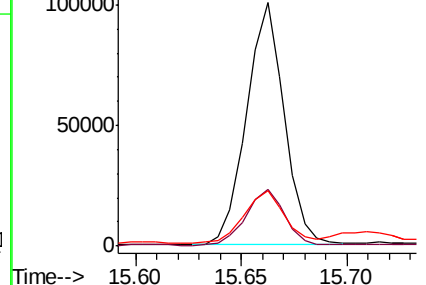
Tgt Ion:264	Resp:	125056
Ion Ratio	Lower	Upper
264	100	
260	23.1	18.7 28.1
265	22.9	16.7 25.1

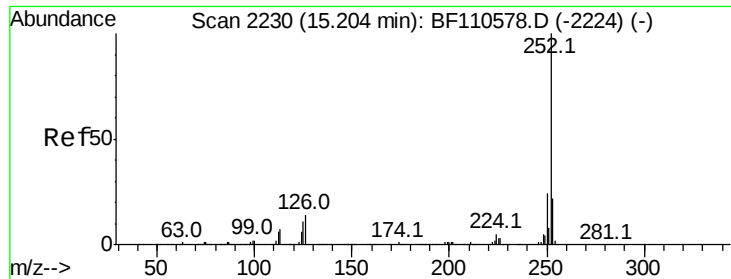


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

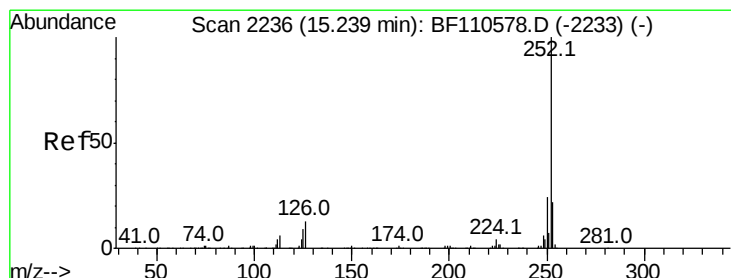
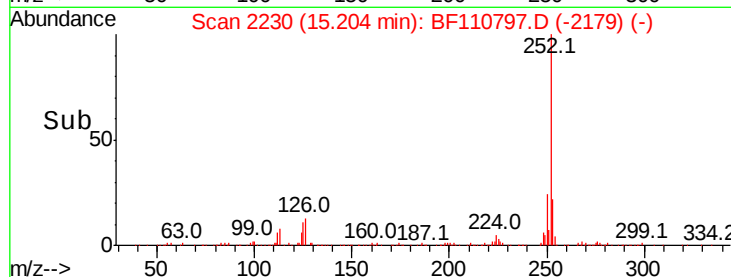
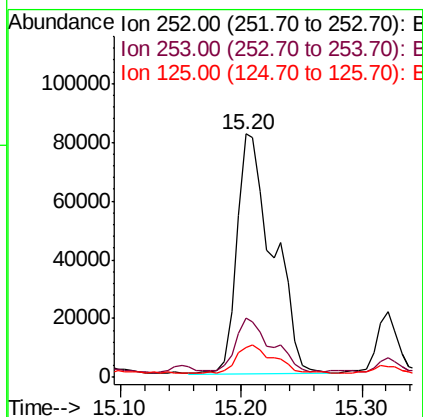
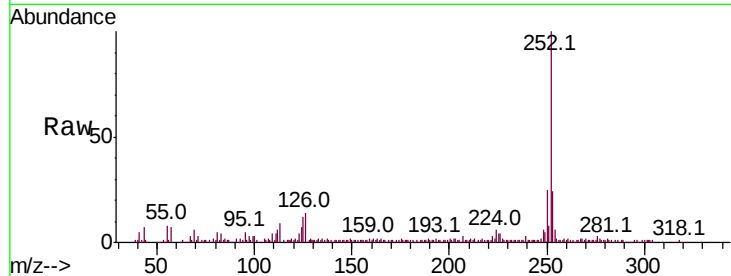




#88
Benzo(b)fluoranthene
Concen: 22.664 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

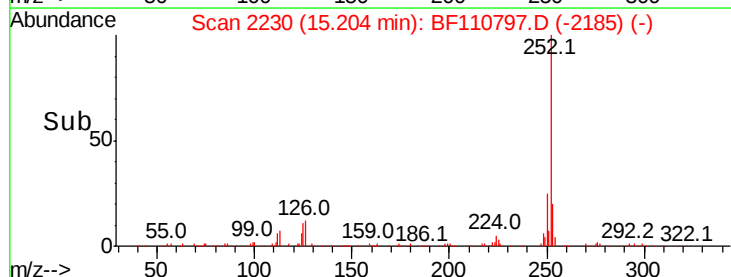
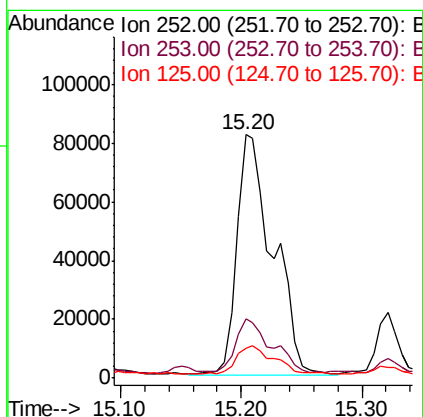
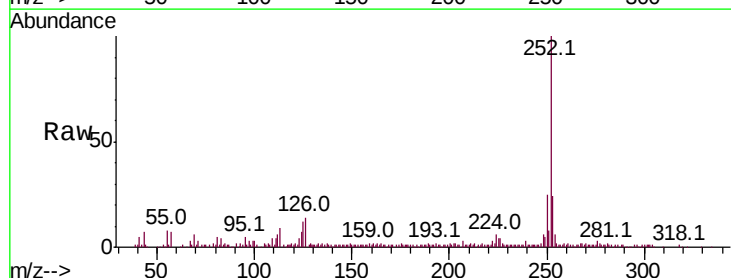
Instrument :
BNA_F
ClientSampleId :

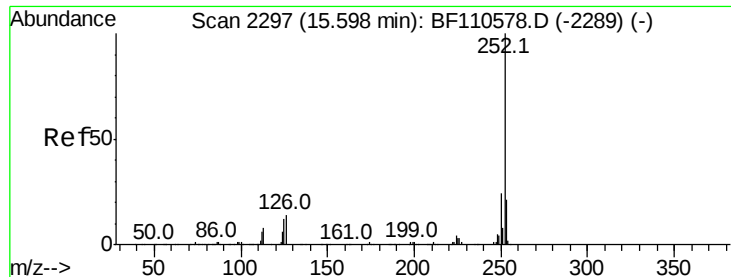
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	12.3	8.2	12.4



#89
Benzo(k)fluoranthene
Concen: 23.051 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110797.D
Acq: 15 Nov 2018 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	12.3	7.4	11.0#





#90

Benzo(a)pyrene

Concen: 16.425 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :

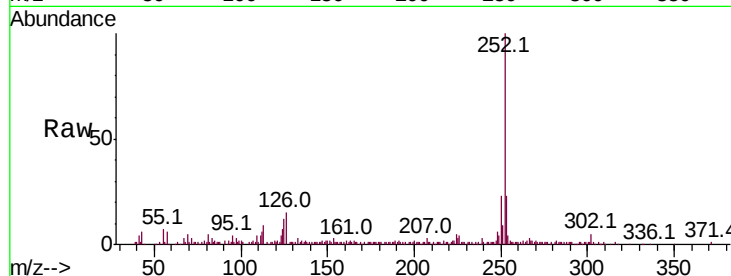
Tot Ion:252 Resp: 111648

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

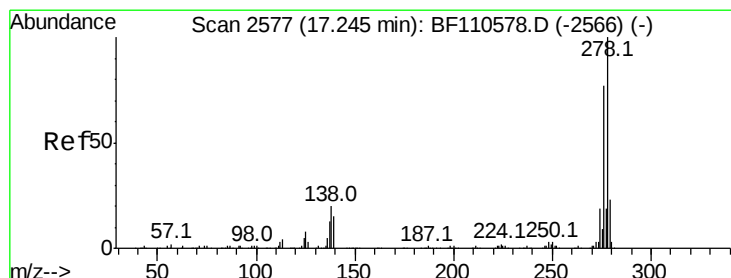
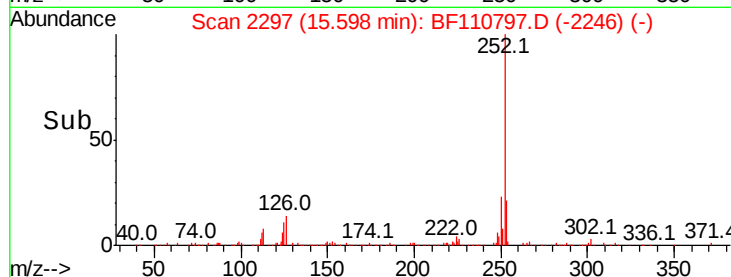
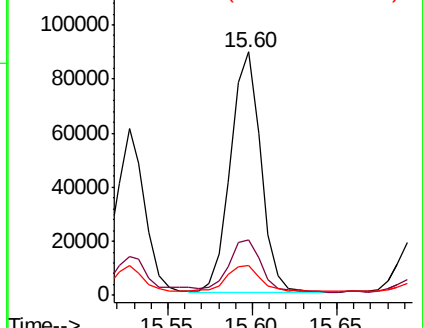
125 12.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 2.437 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

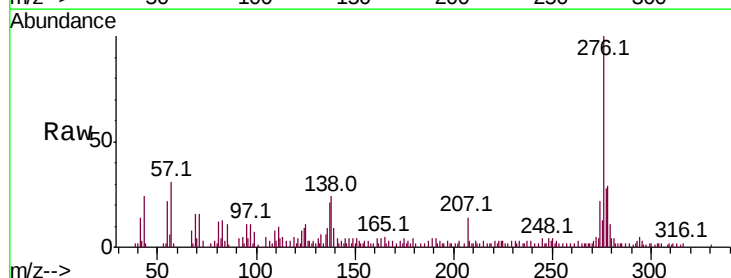
Tgt Ion:278 Resp: 14016

Ion Ratio Lower Upper

278 100

139 30.3 12.7 19.1#

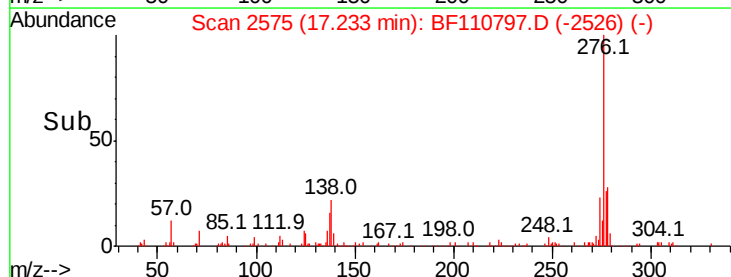
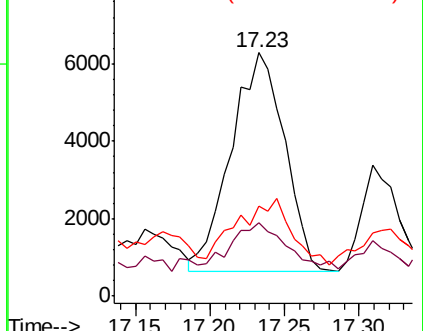
279 36.9 19.0 28.4#

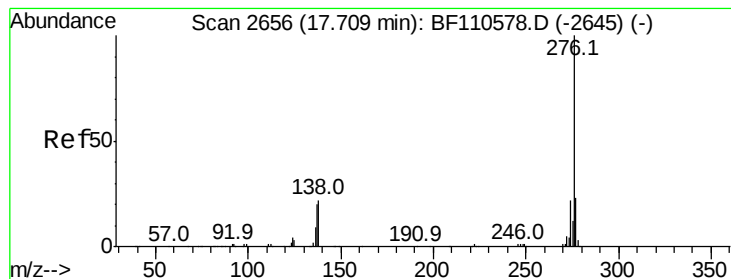


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 7.496 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.01 min

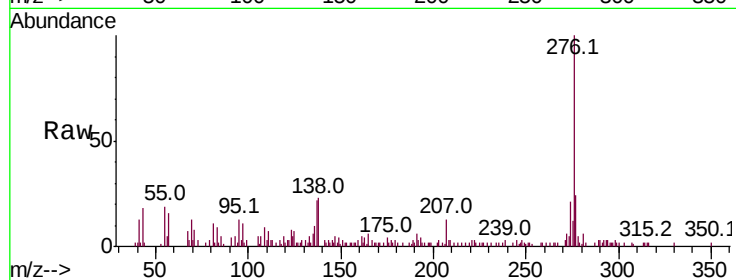
Lab File: BF110797.D

Acq: 15 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :



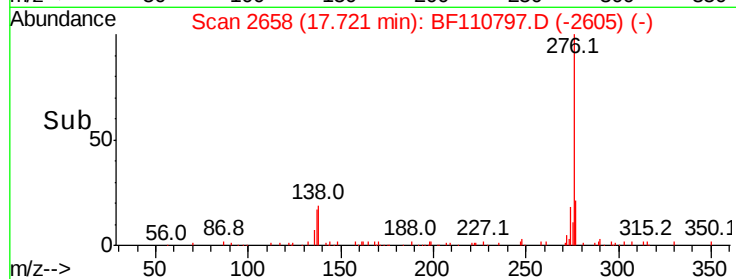
Tot Ion: 276 Resp: 42780

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 23.0 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

