

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106404.D
 Acq On : 13 Jun 2018 21:09
 Operator : JU/SJ
 Sample : J3322-02DL 200X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:22:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120333	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	485479	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	222876	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	399816	20.00	ng	0.00
75) Chrysene-d12	14.15	240	293256	20.00	ng	-0.01
86) Perylene-d12	15.68	264	307875	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	4466	0.63	ng	0.00
7) Phenol-d6	6.63	99	5179	0.58	ng	0.00
23) Nitrobenzene-d5	7.52	82	3339	0.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	856	0.40	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	6199	-1.00	ng	-0.01
78) Terphenyl-d14	13.08	244	5841	0.49	ng	-0.01

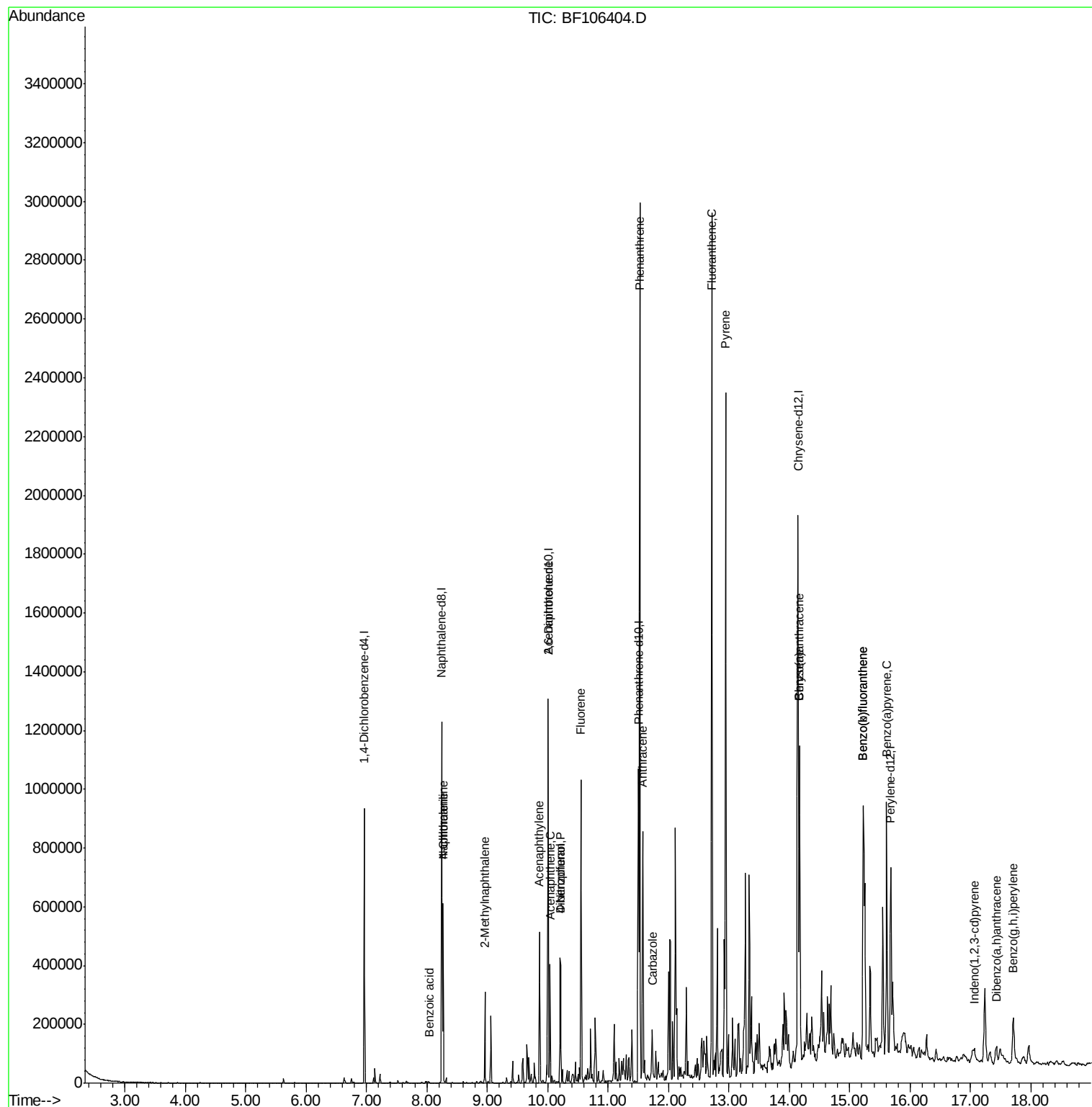
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.27	128	236434	10.773	ng	99
32) Benzoic acid	8.04	122	377	7.352	ng	# 1
33) 4-Chloroaniline	8.27	127	30563	3.143	ng	# 34
37) 2-Methylnaphthalene	8.96	142	66960	4.480	ng	97
48) Acenaphthylene	9.87	152	192826	9.119	ng	98
50) 2,6-Dinitrotoluene	10.01	165	32711	10.057	ng	# 25
51) Acenaphthene	10.04	154	75194	5.506	ng	98
54) Dibenzofuran	10.21	168	154995	8.429	ng	98
55) 4-Nitrophenol	10.21	139	57925	19.576	ng	# 10
57) Fluorene	10.55	166	252728	17.347	ng	99
70) Phenanthrene	11.52	178	1102678	56.315	ng	97
71) Anthracene	11.57	178	310507	15.829	ng	99
72) Carbazole	11.73	167	63993	3.534	ng	97
74) Fluoranthene	12.72	202	1144307	54.800	ng	97
77) Pyrene	12.95	202	932862	50.811	ng	98
80) Benzo(a)anthracene	14.17	228	403219	23.105	ng	94
82) Chrysene	14.17	228	403219	25.307	ng	96
85) Indeno(1,2,3-cd)pyrene	17.07	276	31175	2.452	ng	96
87) Benzo(b)fluoranthene	15.22	252	764849	41.097	ng	97
88) Benzo(k)fluoranthene	15.22	252	764849	41.497	ng	97
89) Benzo(a)pyrene	15.61	252	413504	24.702	ng	94
90) Dibenz(a,h)anthracene	17.43	278	40548	2.905	ng	94
91) Benzo(g,h,i)perylene	17.71	276	128498	9.474	ng	# 93

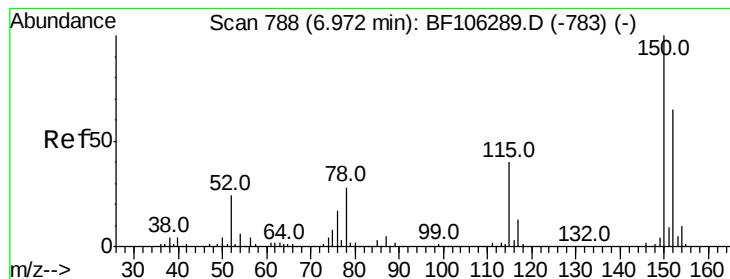
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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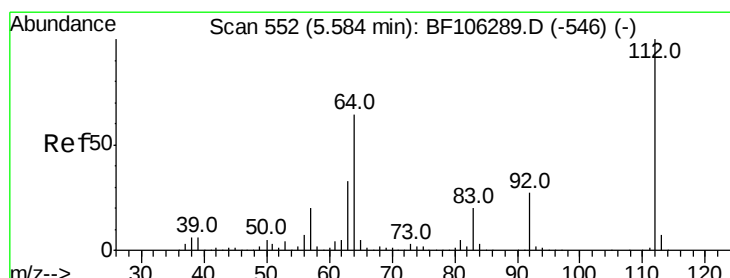
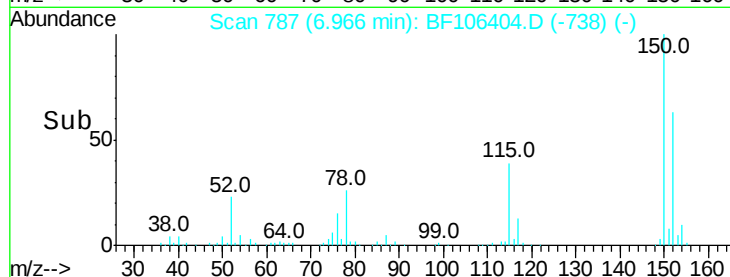
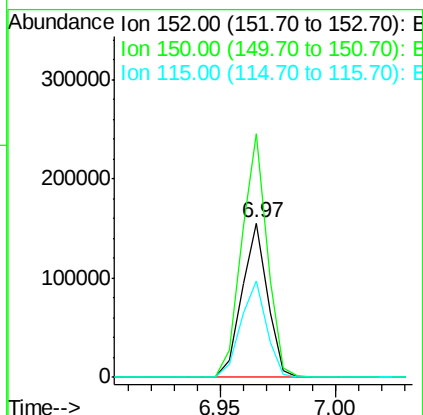
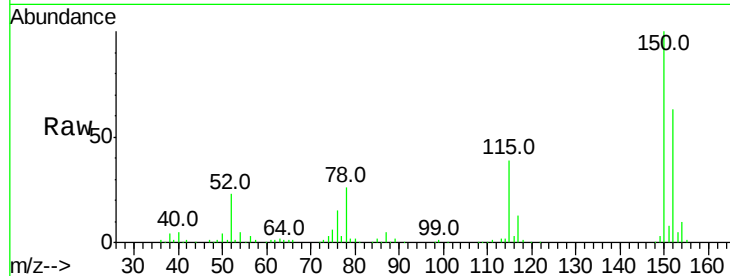


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Instrument :
BNA_F
ClientSampleId :

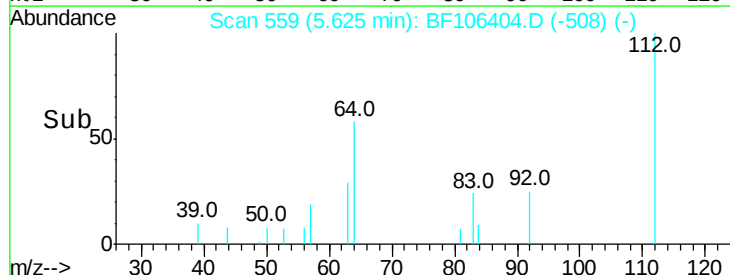
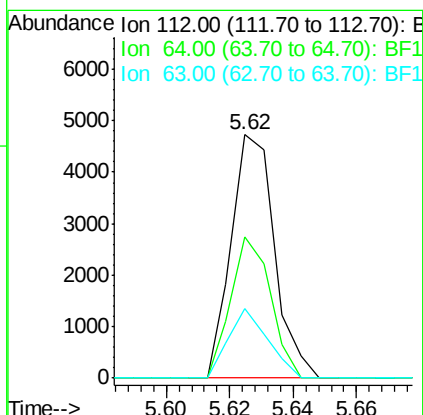
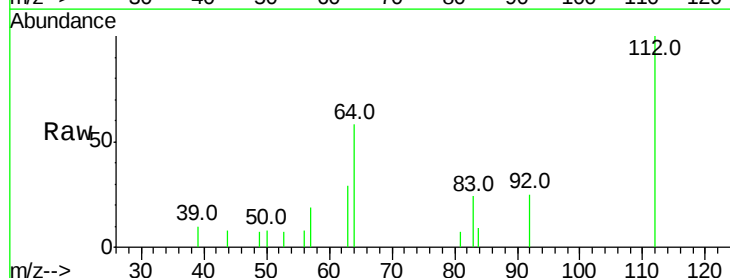
Tot Ion:152 Resp: 120333
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.1 50.1 75.1



#5

2-Fluorophenol
Concen: 0.628 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Tgt Ion:112 Resp: 4466
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 0.577 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Instrument :

BNA_F

ClientSampleId :

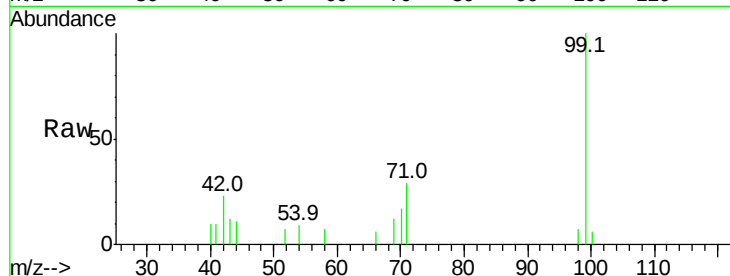
Tot Ion: 99 Resp: 5179

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

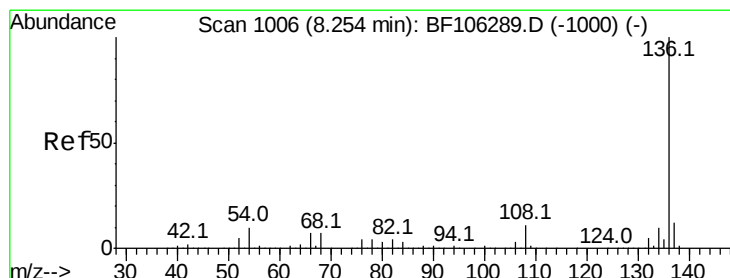
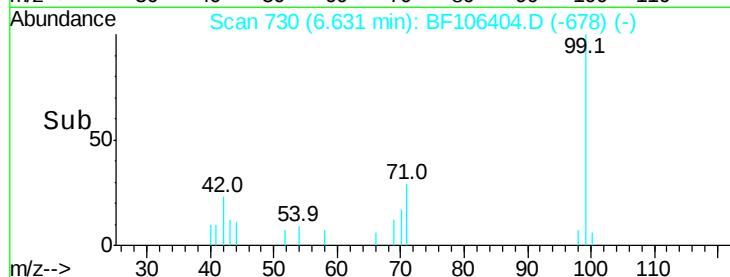
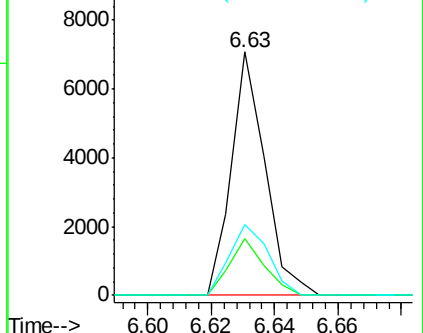
71 29.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Tgt Ion: 136 Resp: 485479

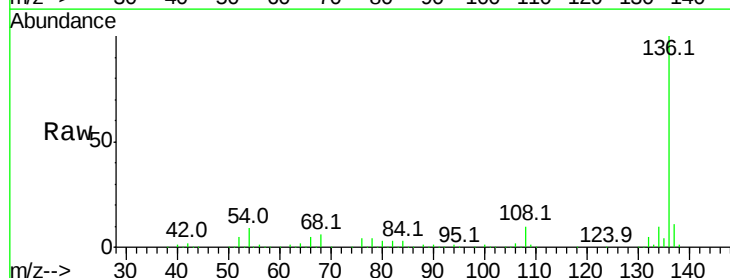
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4

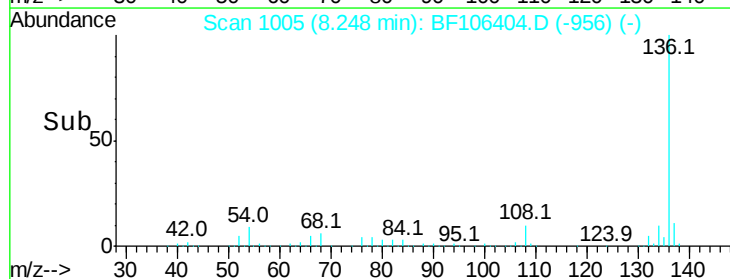
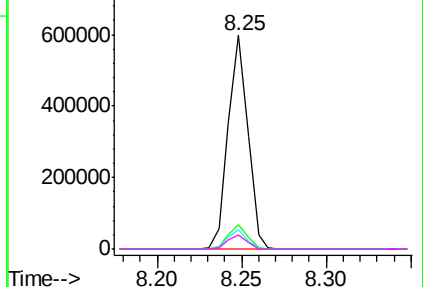


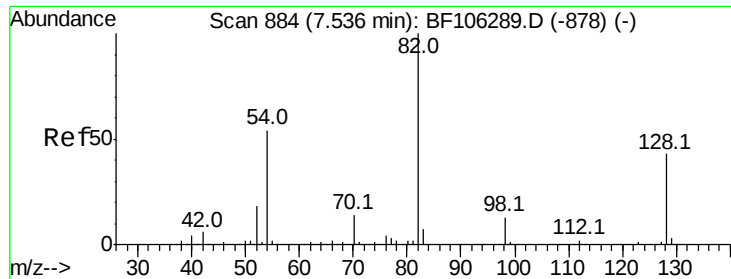
Abundance Ion 136.00 (135.70 to 136.70): E

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

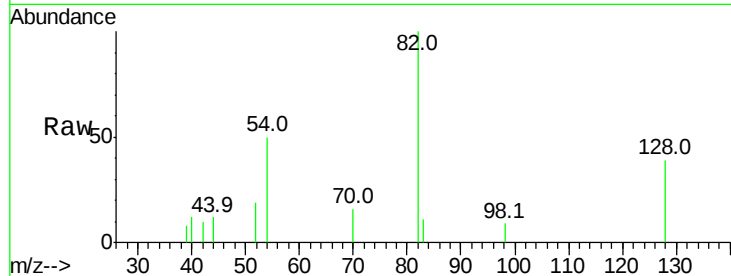




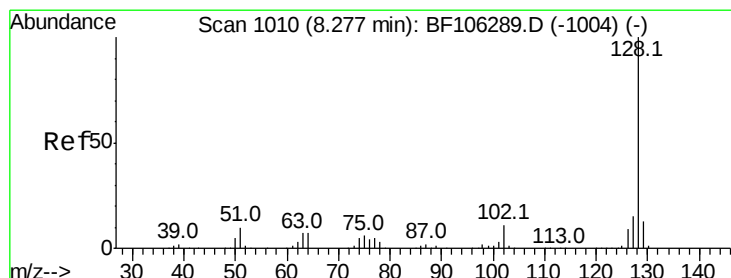
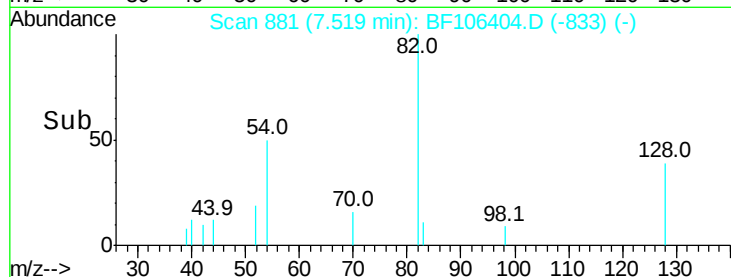
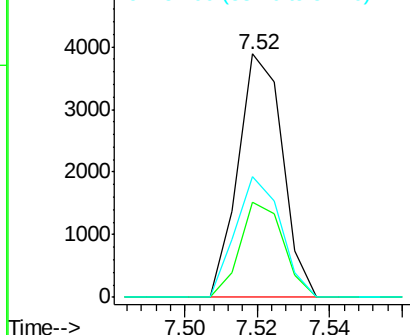
#23
Nitrobenzene-d5
Concen: 0.405 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 3339
Ion Ratio Lower Upper
82 100
128 38.9 36.1 54.1
54 49.6 41.4 62.2

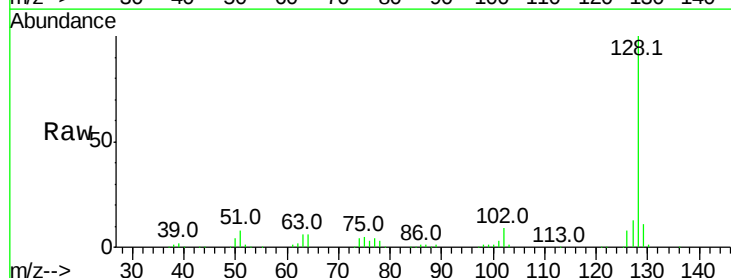


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

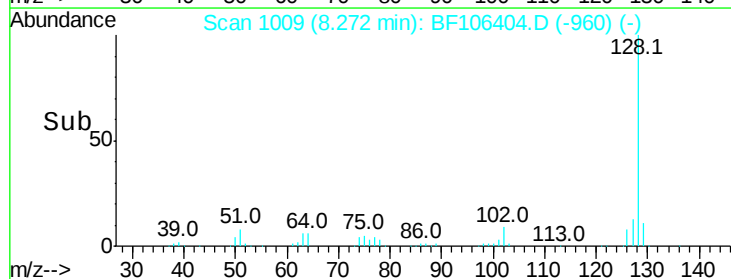
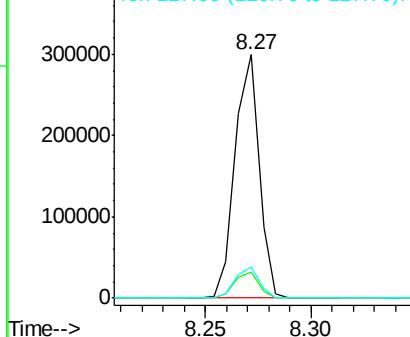


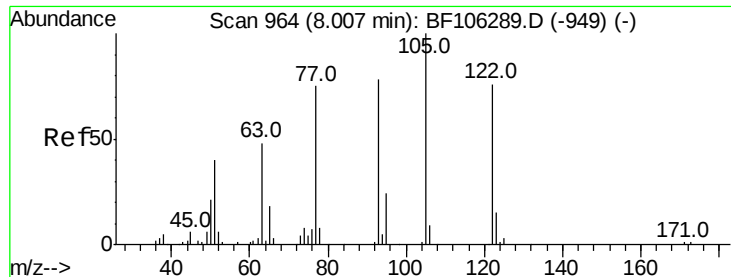
#31
Naphthalene
Concen: 10.773 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Tgt Ion: 128 Resp: 236434
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.9 16.3



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





#32

Benzoic acid

Concen: 7.352 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.04 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Instrument :

BNA_F

ClientSampleId :

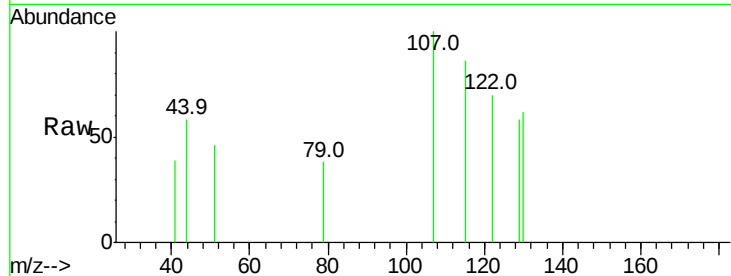
Tot Ion:122 Resp: 377

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

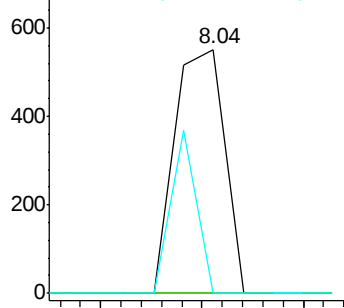
77 0.0 70.7 110.7#



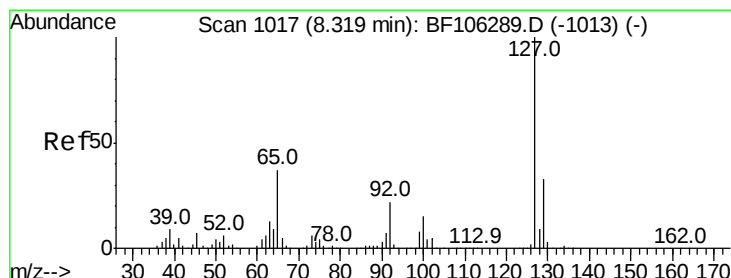
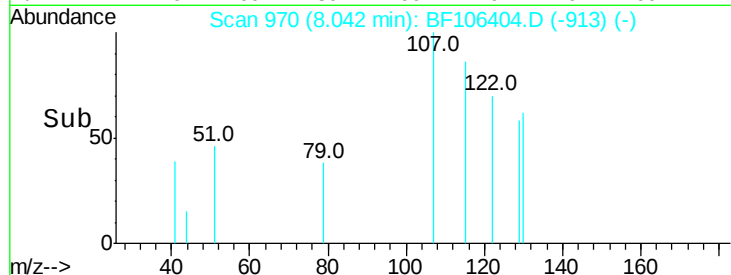
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->



#33

4-Chloroaniline

Concen: 3.143 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Tgt Ion:127 Resp: 30563

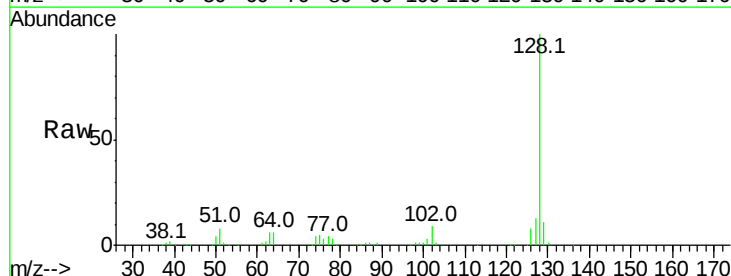
Ion Ratio Lower Upper

127 100

129 82.9 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

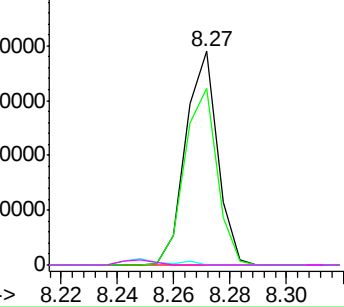


Abundance Ion 127.00 (126.70 to 127.70): E

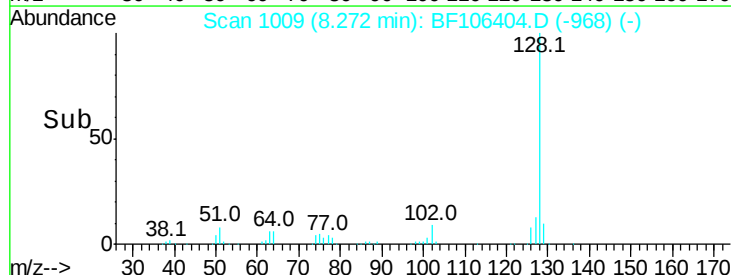
Ion 129.00 (128.70 to 129.70): E

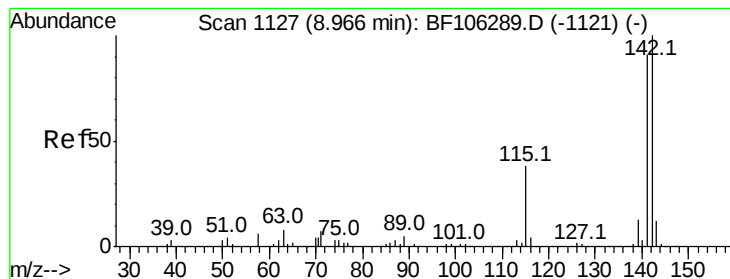
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->

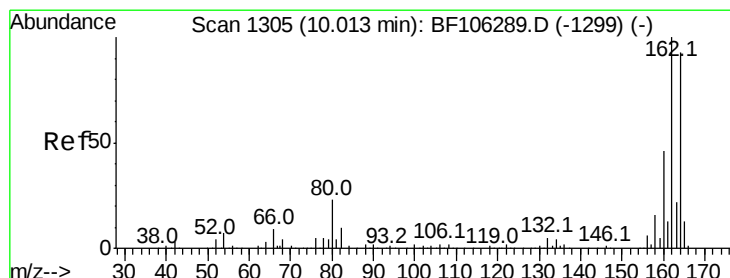
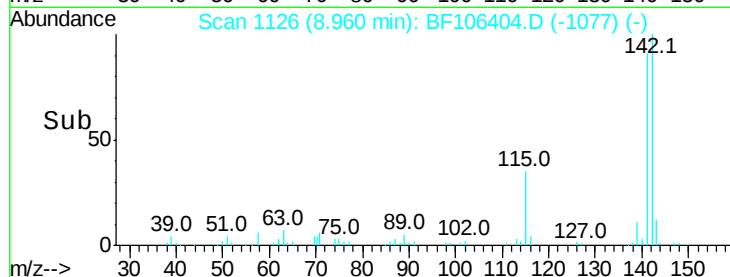
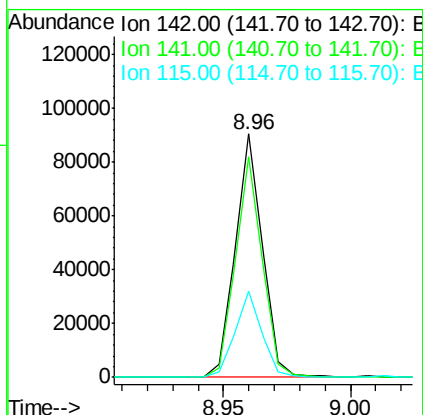
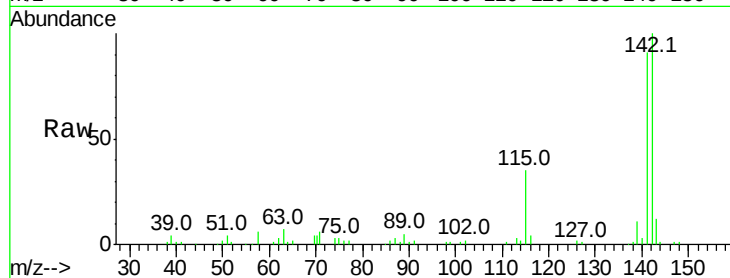




#37
 2-Methylnaphthalene
 Concen: 4.480 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

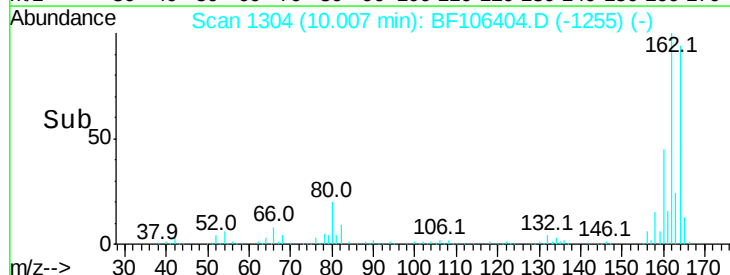
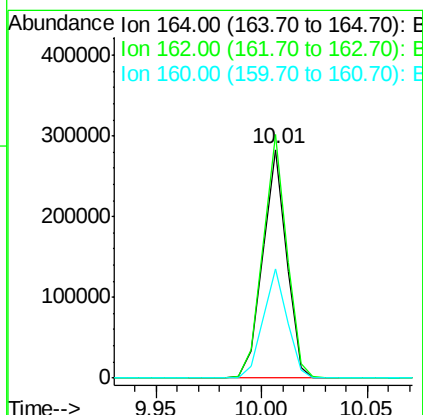
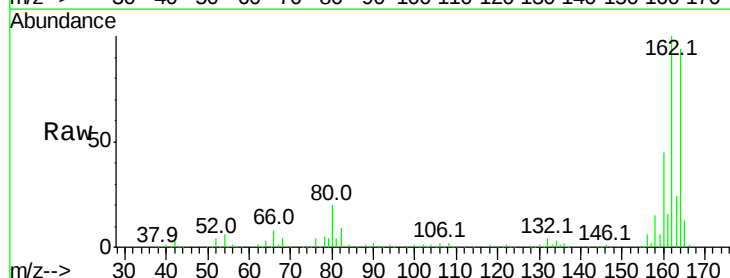
Instrument :
 BNA_F
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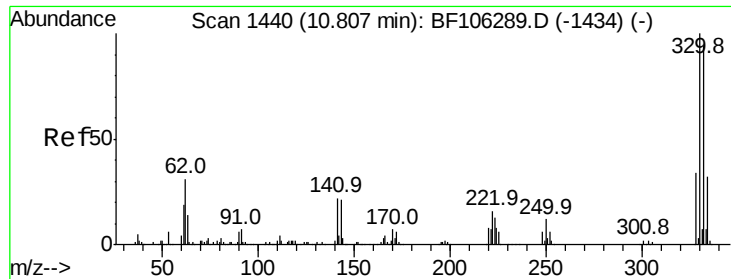
Tot Ion:142 Resp: 66960
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.8 106.2
 115 35.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

Tgt Ion:164 Resp: 222876
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 48.0 38.3 57.5

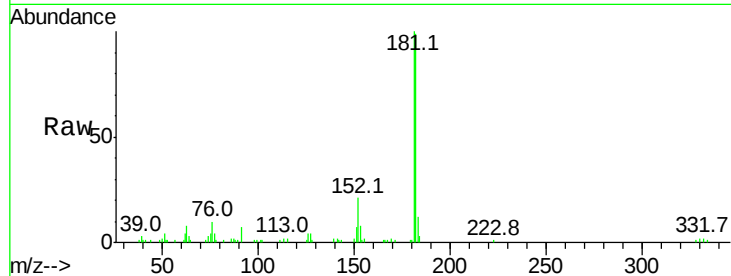




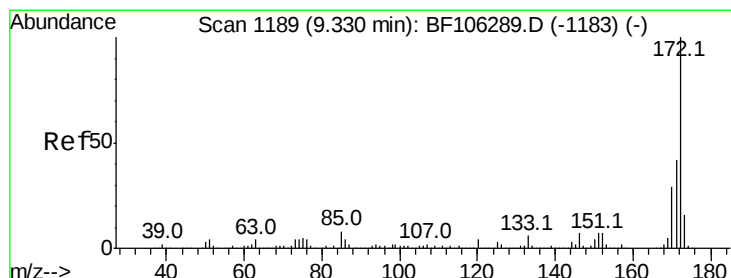
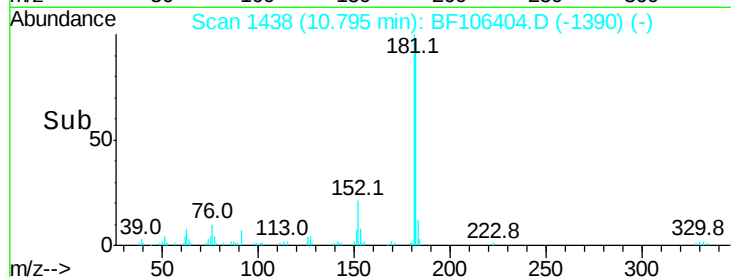
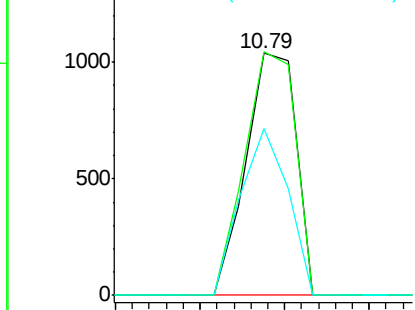
#41
 2,4,6-Tribromophenol
 Concen: 0.399 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 856
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.0 115.6
 141 65.3 29.9 44.9#

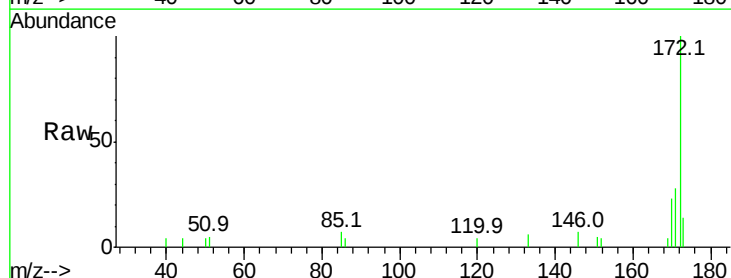


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

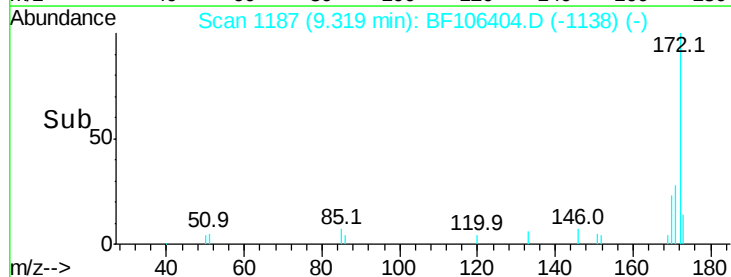
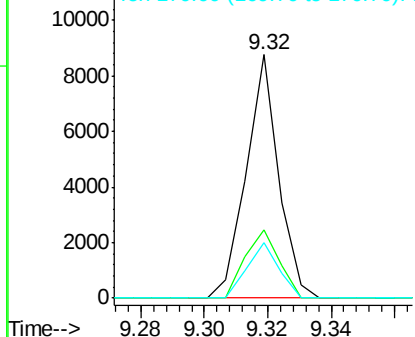


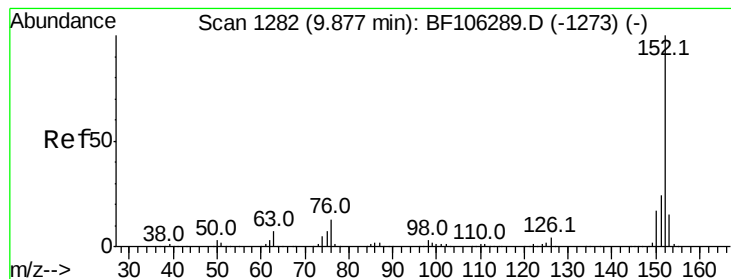
#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

Tgt Ion:172 Resp: 6199
 Ion Ratio Lower Upper
 172 100
 171 28.0 29.7 44.5#
 170 22.7 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: 9.119 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Instrument :

BNA_F

ClientSampleId :

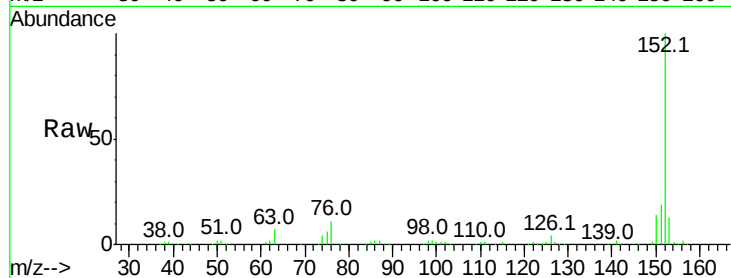
Tot Ion:152 Resp: 192826

Ion Ratio Lower Upper

152 100

151 19.1 16.3 24.5

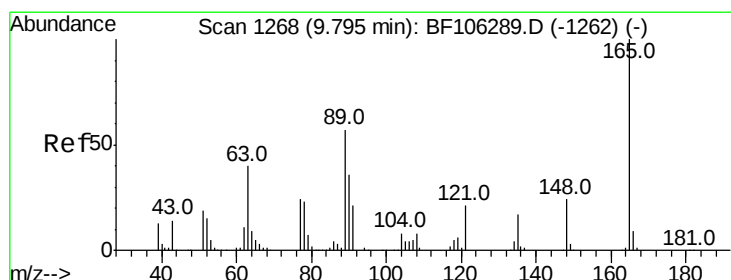
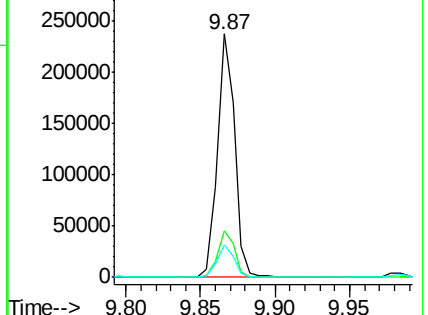
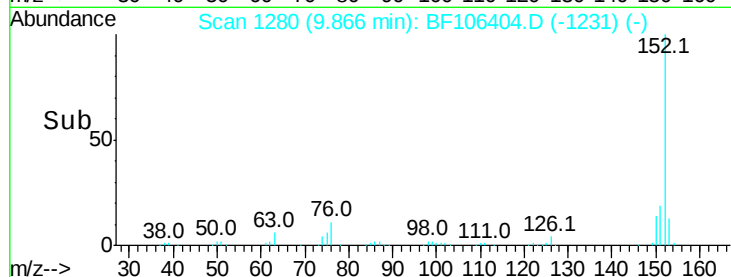
153 13.3 10.7 16.1



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



#50

2,6-Dinitrotoluene

Concen: 10.057 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

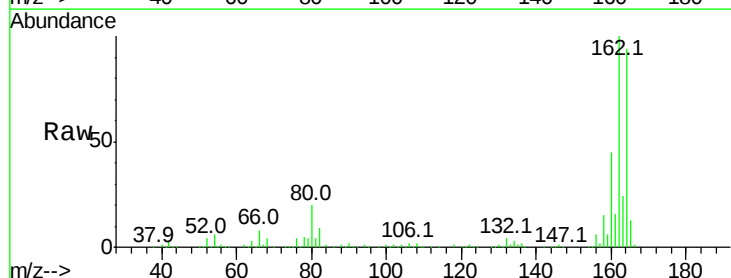
Tgt Ion:165 Resp: 32711

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

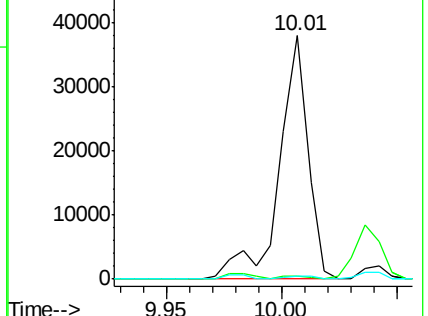
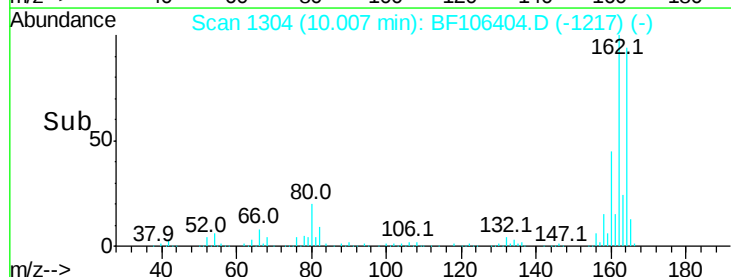
89 1.3 44.0 66.0#

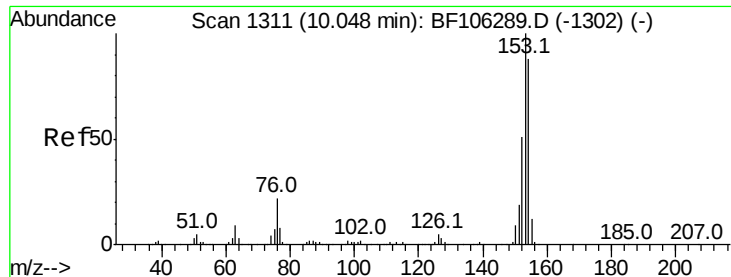


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 5.506 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

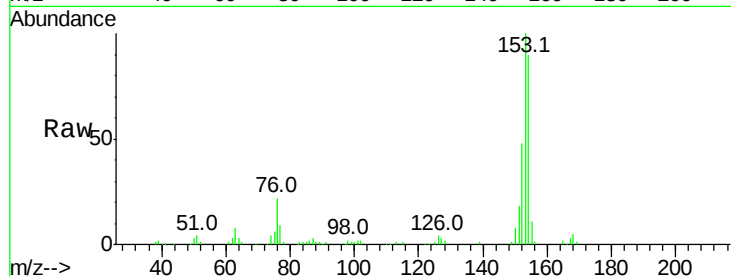
Instrument :

BNA_F

ClientSampled :

Tot Ion:154 Resp: 75194

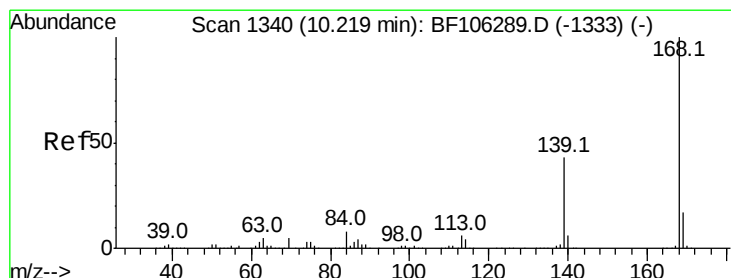
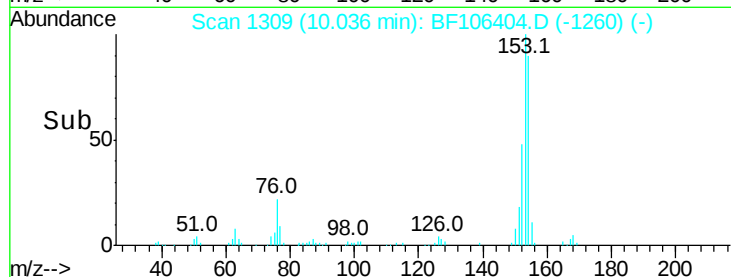
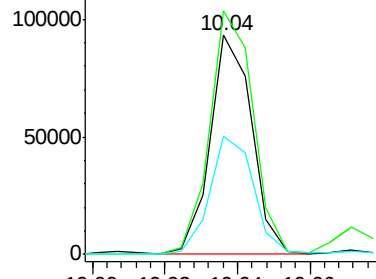
Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	53.9	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 8.429 ng

RT: 10.21 min Scan# 1339

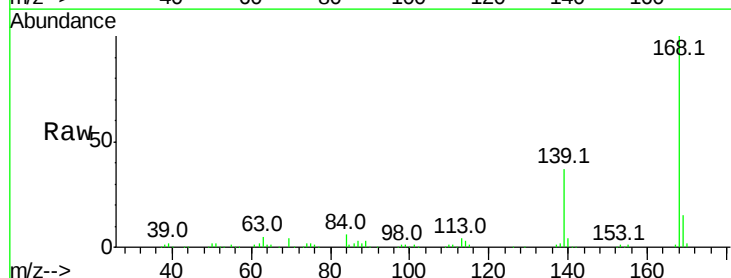
Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Tgt Ion:168 Resp: 154995

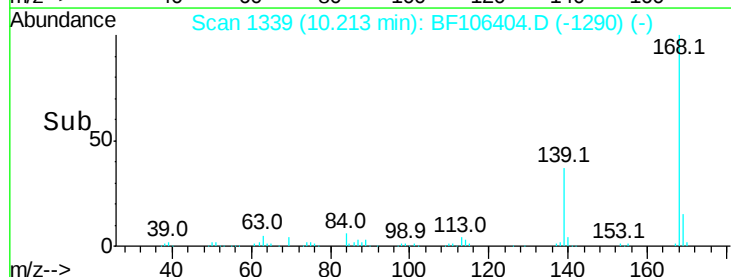
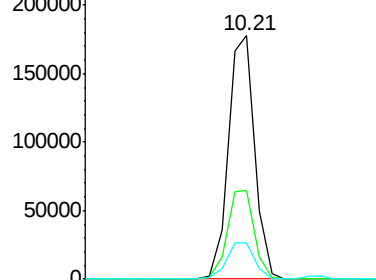
Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	14.8	10.9	16.3

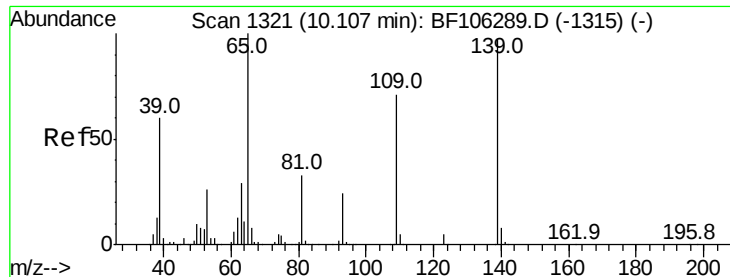


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

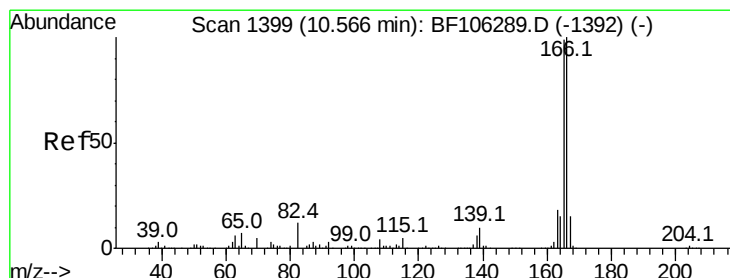
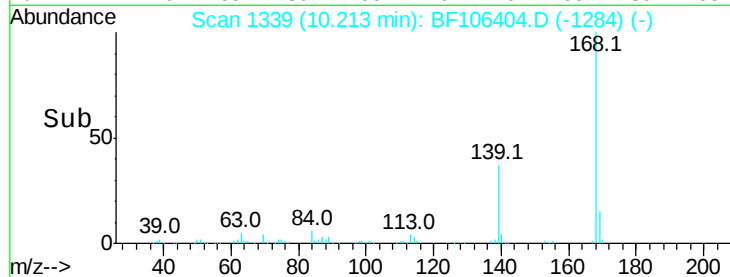
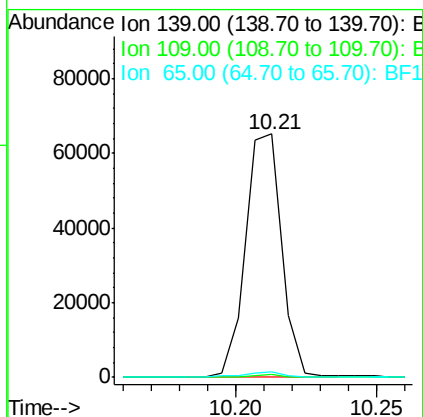
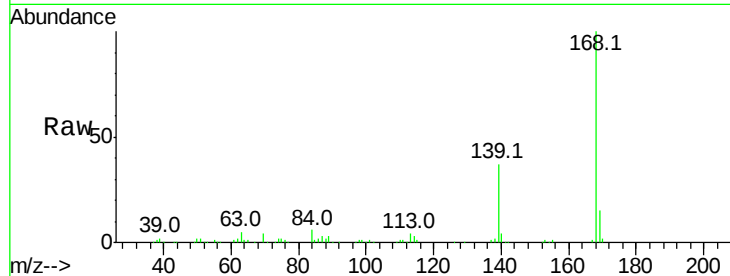




#55
4-Nitrophenol
Concen: 19.576 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

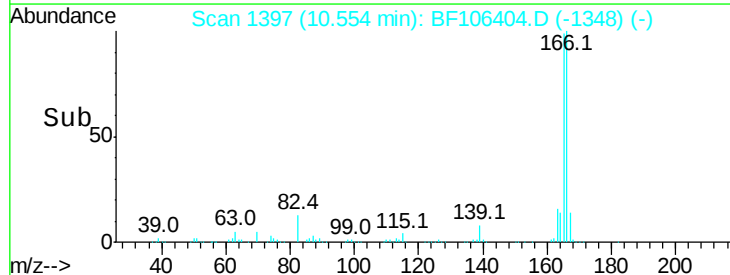
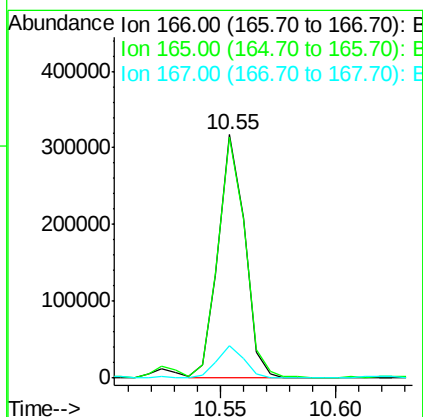
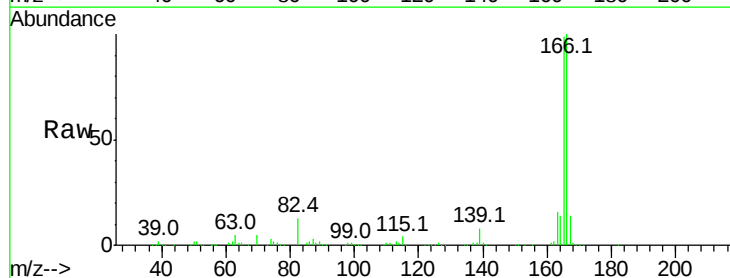
Instrument :
BNA_F
ClientSampleId :

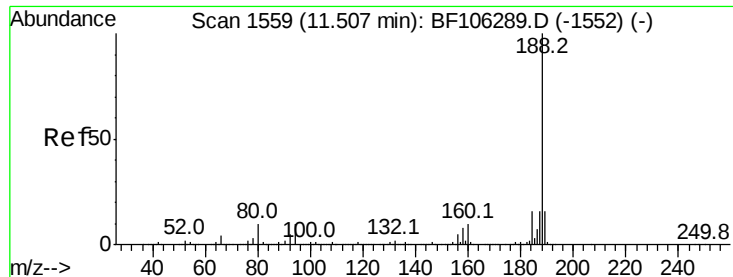
Tot Ion:139 Resp: 57925
Ion Ratio Lower Upper
139 100
109 1.1 48.4 88.4#
65 2.1 72.6 112.6#



#57
Fluorene
Concen: 17.347 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Tgt Ion:166 Resp: 252728
Ion Ratio Lower Upper
166 100
165 99.3 79.8 119.8
167 13.6 10.6 16.0

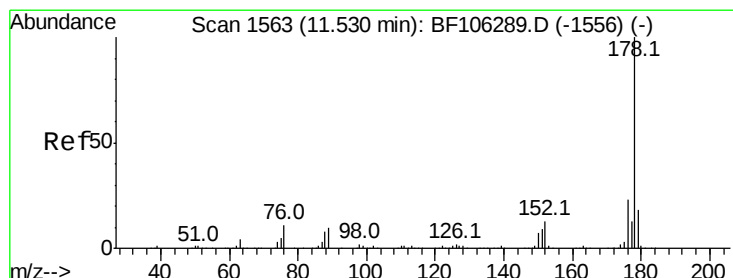
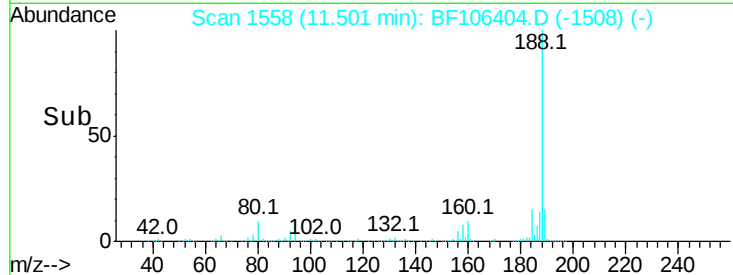
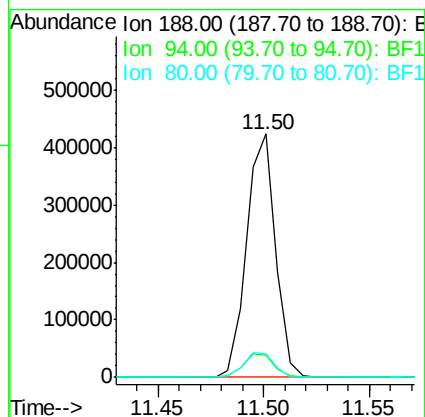
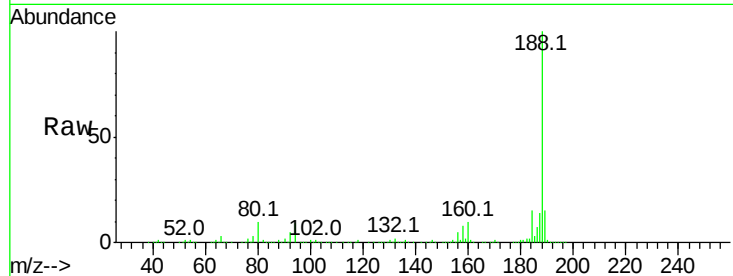




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

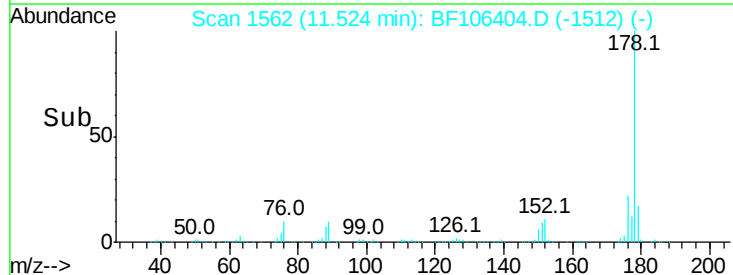
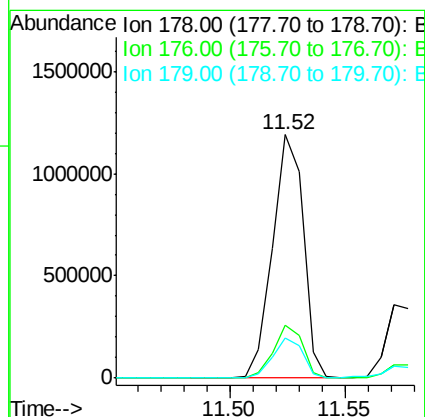
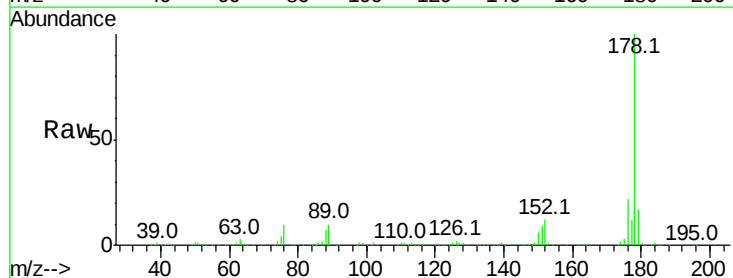
Instrument :
BNA_F
ClientSampled :

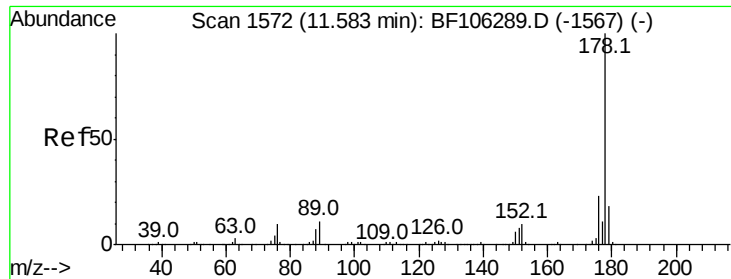
Tot Ion:188 Resp: 399816
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.5 9.2 13.8



#70
Phenanthrene
Concen: 56.315 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Tgt Ion:178 Resp: 1102678
Ion Ratio Lower Upper
178 100
176 21.6 15.8 23.8
179 16.7 13.0 19.6



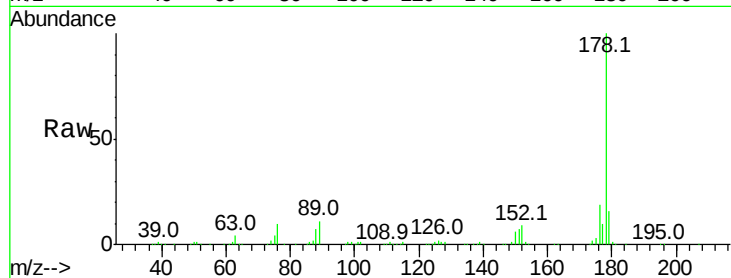


#71
 Anthracene
 Concen: 15.829 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

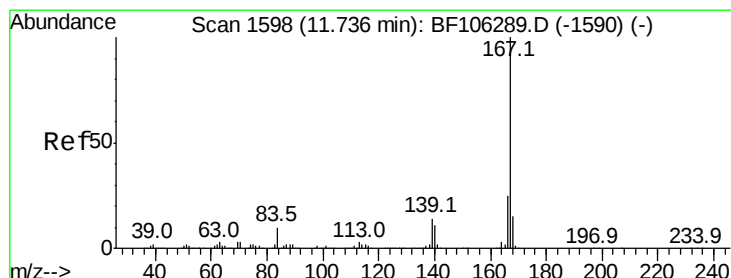
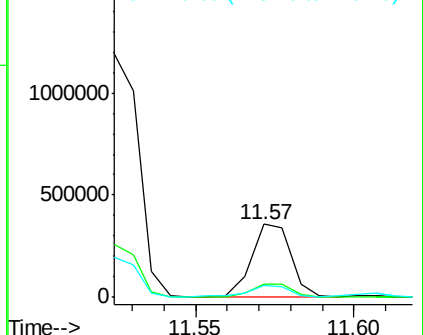
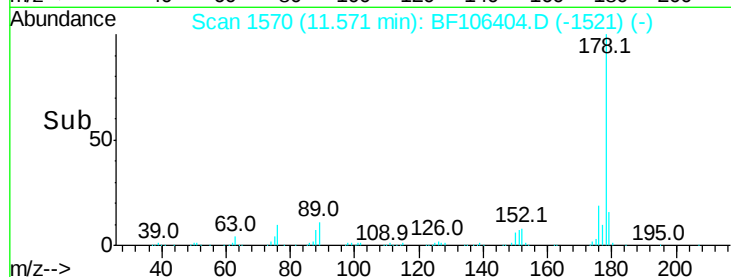
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 310507

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.7	12.6	19.0



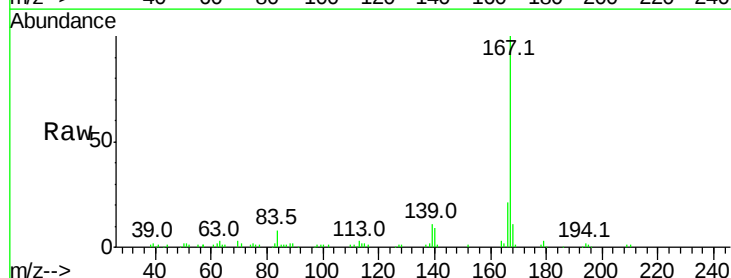
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



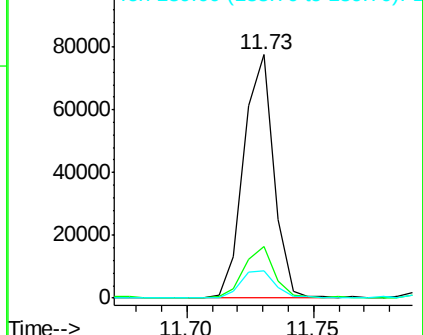
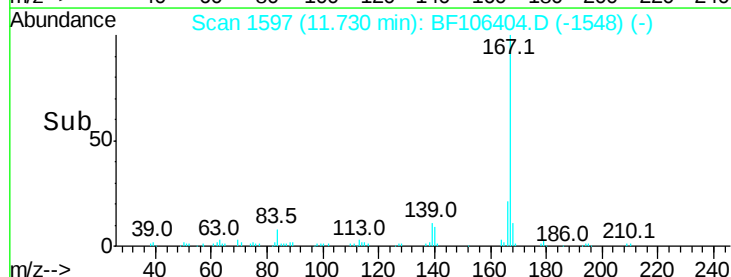
#72
 Carbazole
 Concen: 3.534 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

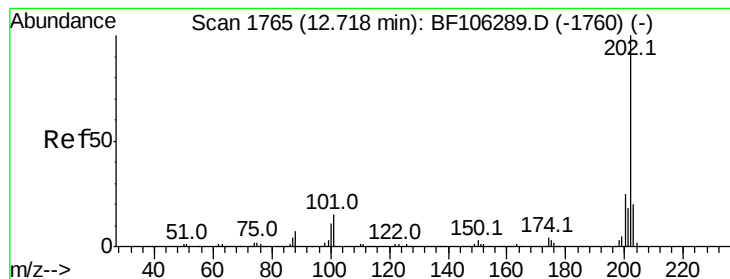
Tgt Ion:167 Resp: 63993

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	11.3	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: 54.800 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Instrument :

BNA_F

ClientSampleId :

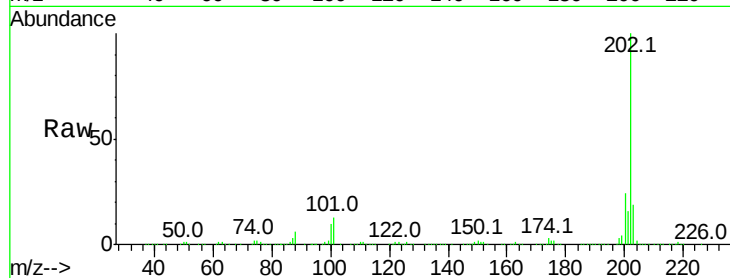
Tot Ion:202 Resp: 1144307

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	19.4	0.0	38.1

202 100

101 12.9 0.0 34.1

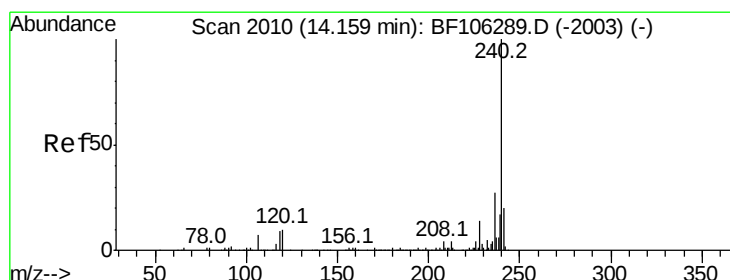
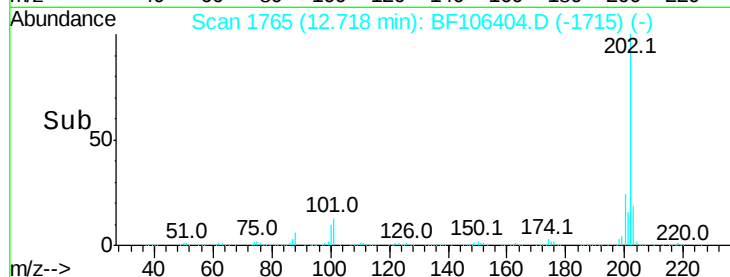
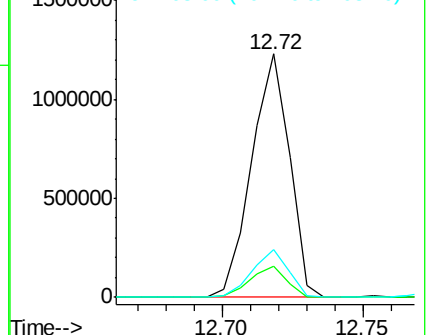
203 19.4 0.0 38.1



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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

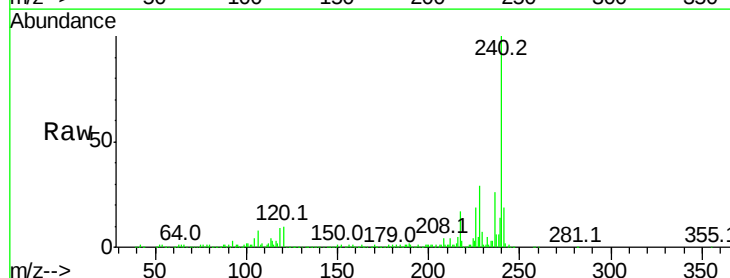
Tgt Ion:240 Resp: 293256

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.0	20.7	31.1

240 100

120 10.2 9.5 14.3

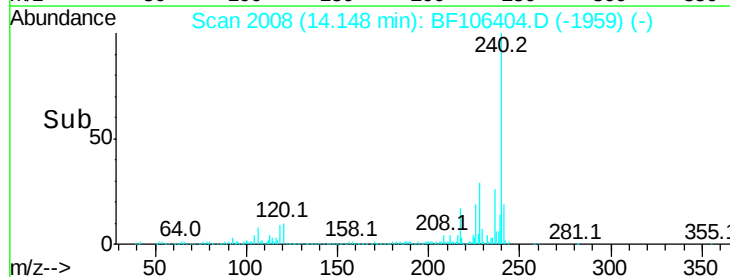
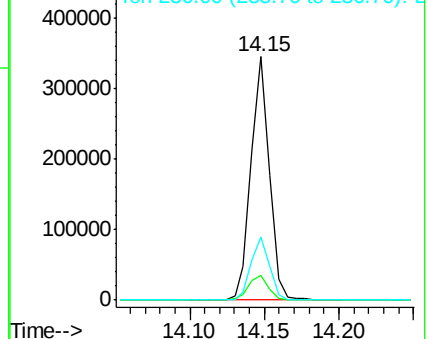
236 26.0 20.7 31.1

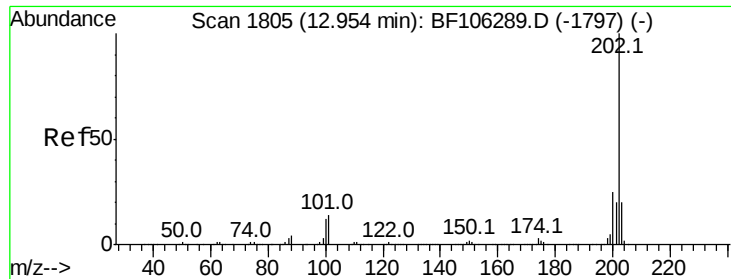


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

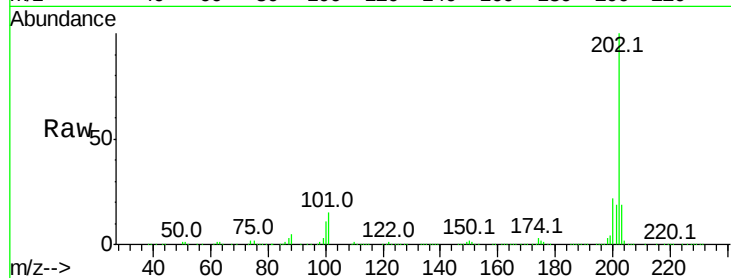




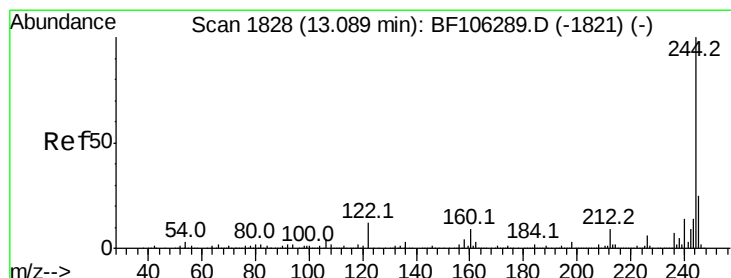
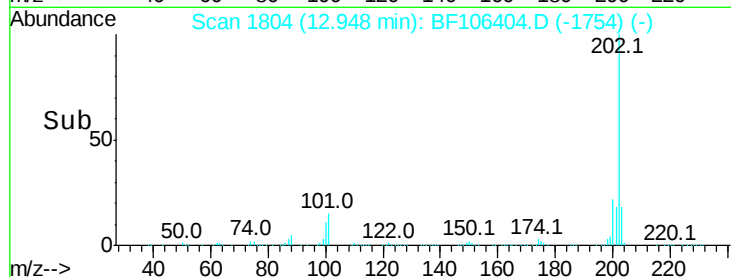
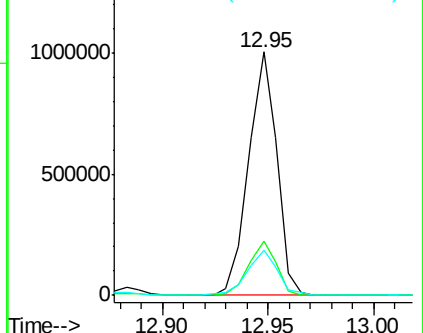
#77
Pvrene
Concen: 50.811 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 932862
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.8 14.3 21.5

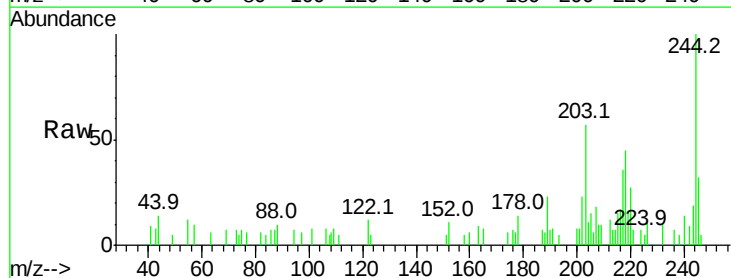


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

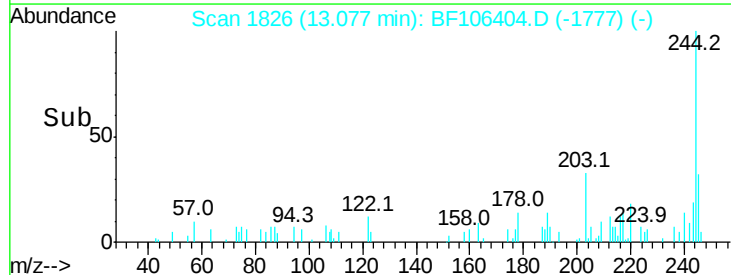
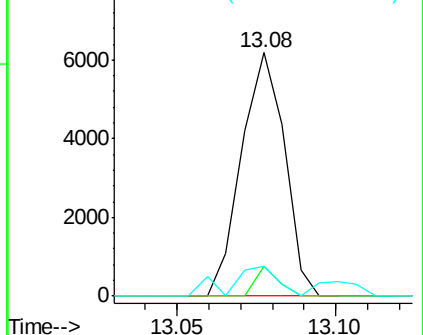


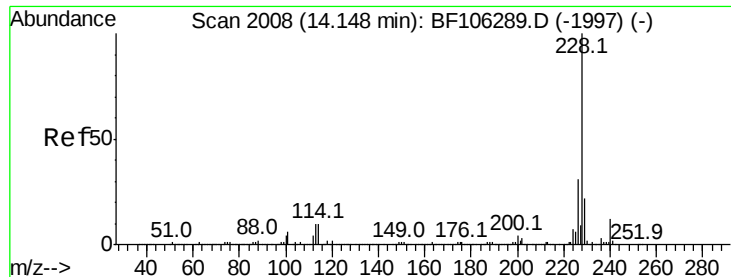
#78
Terphenyl-d14
Concen: 0.495 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Tgt Ion:244 Resp: 5841
Ion Ratio Lower Upper
244 100
212 12.4 5.4 8.0#
122 12.3 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

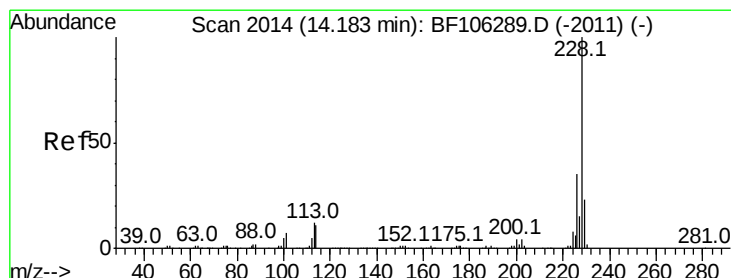
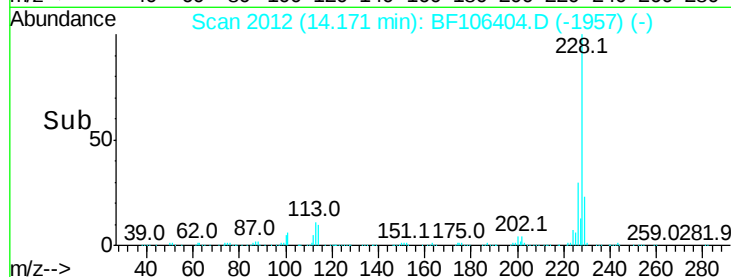
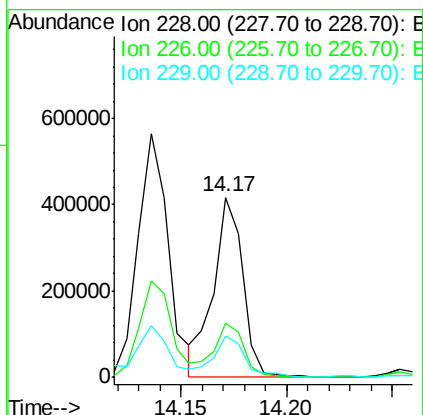
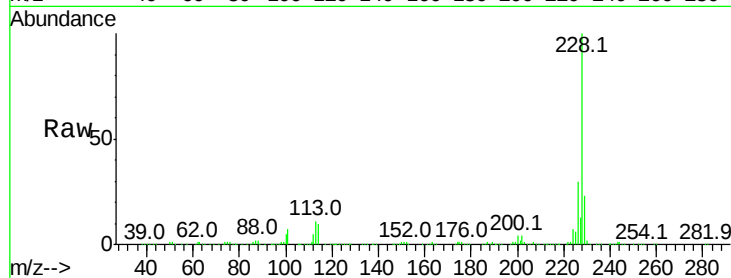




#80
Benzo(a)anthracene
Concen: 23.105 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

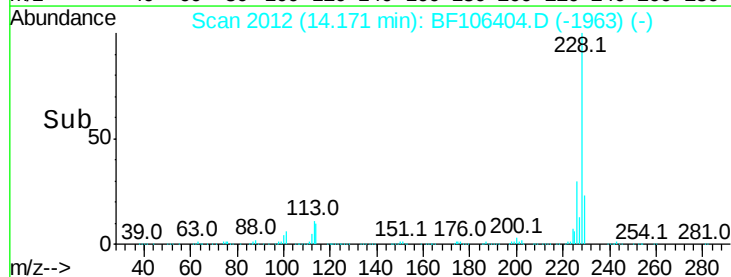
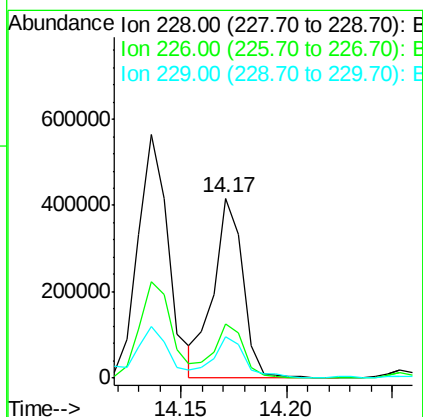
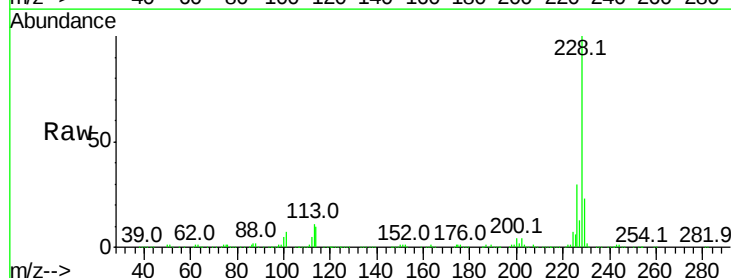
Instrument :
BNA_F
ClientSampleId :

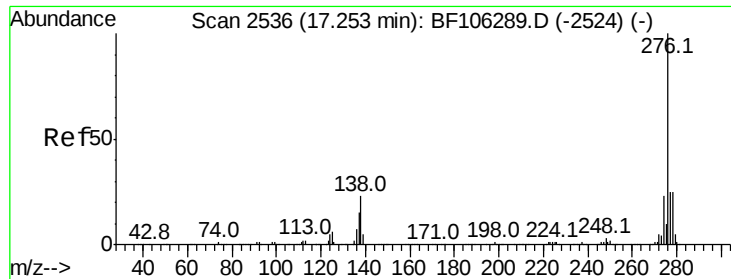
Tot Ion:228 Resp: 403219
Ion Ratio Lower Upper
228 100
226 30.4 22.6 33.8
229 23.4 15.8 23.6



#82
Chrysene
Concen: 25.307 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106404.D
Acq: 13 Jun 2018 21:09

Tgt Ion:228 Resp: 403219
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 23.4 16.2 24.4

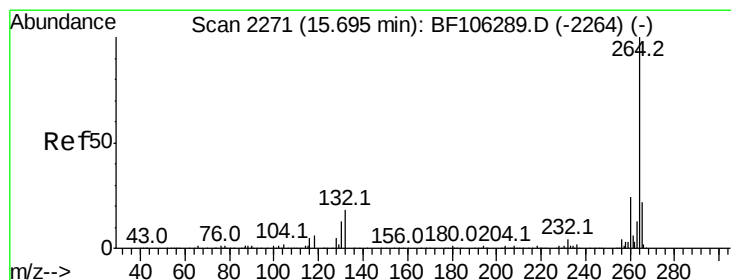
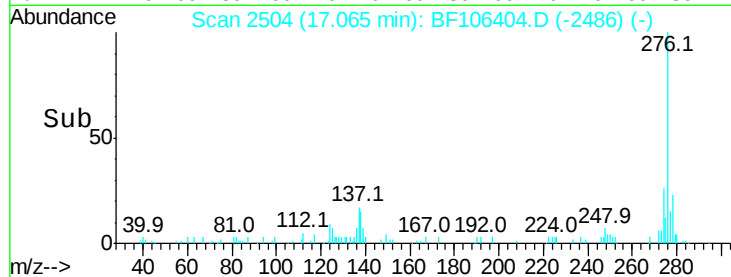
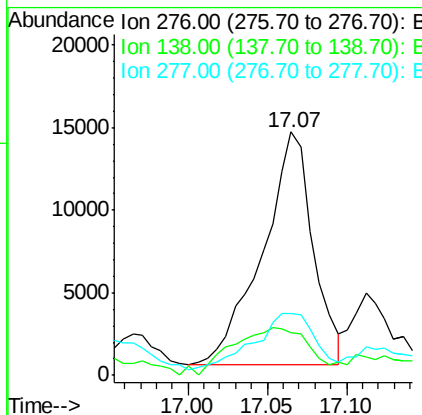
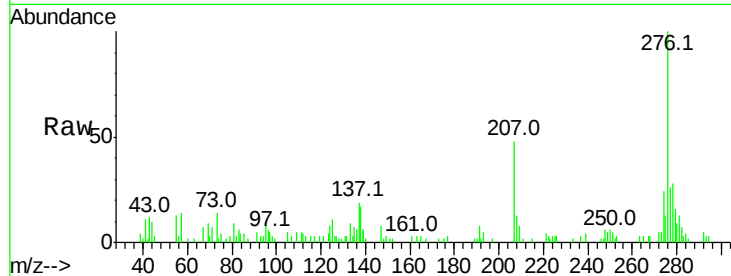




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.452 ng
 RT: 17.07 min Scan# 2504
 Delta R.T. -0.19 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

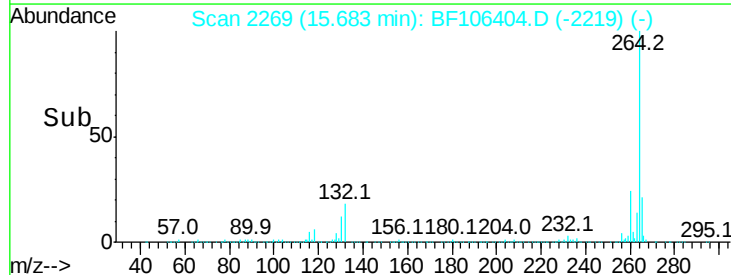
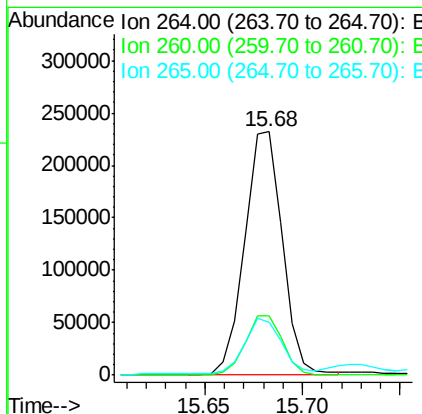
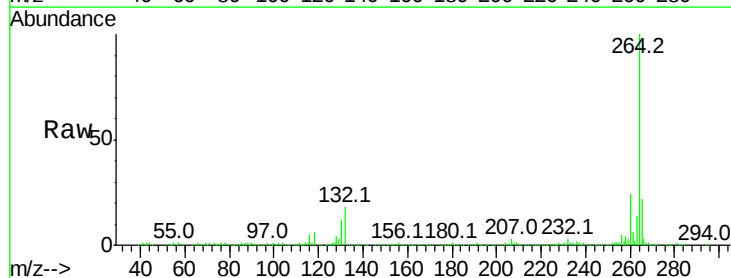
Instrument :
 BNA_F
 ClientSampleId :

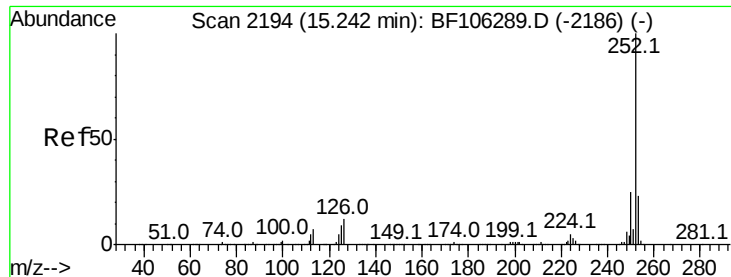
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	29.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.097 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Instrument :

BNA_F

ClientSampleId :

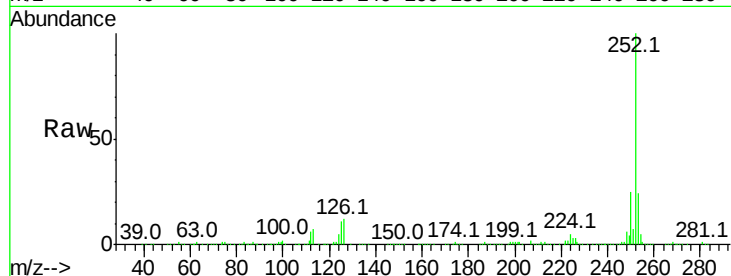
Tot Ion:252 Resp: 764849

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

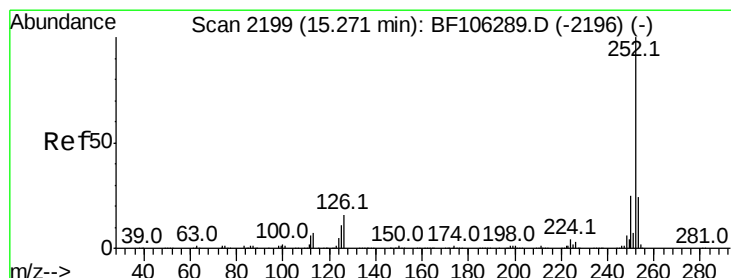
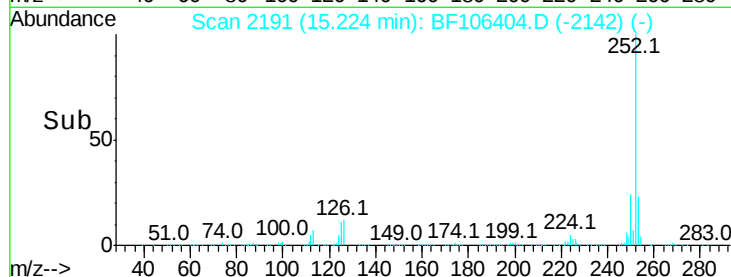
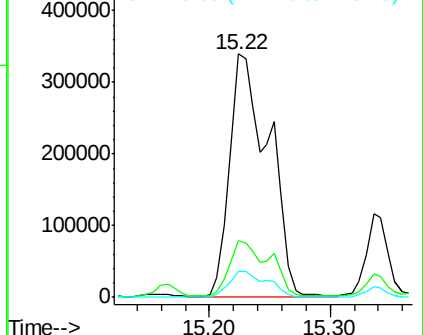
125 10.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.497 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

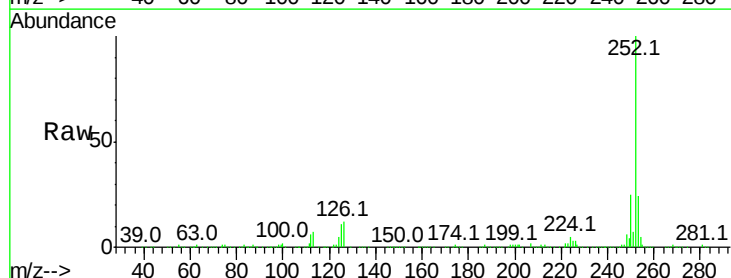
Tgt Ion:252 Resp: 764849

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

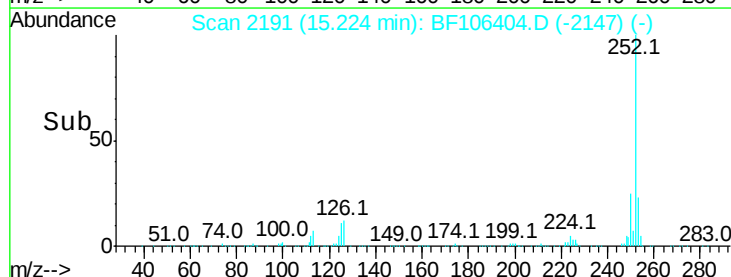
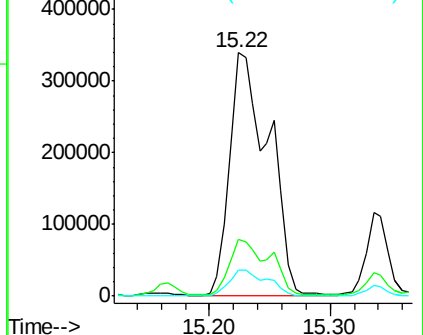
125 10.9 10.2 15.2

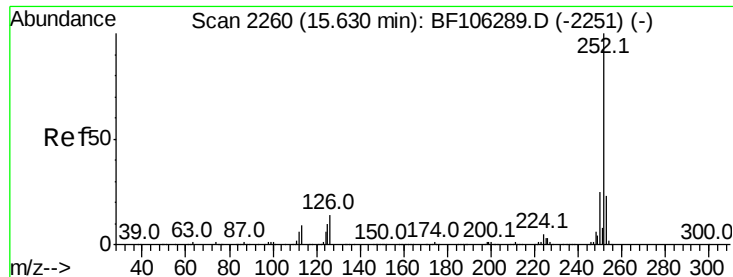


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.702 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

Instrument :

BNA_F

ClientSampleId :

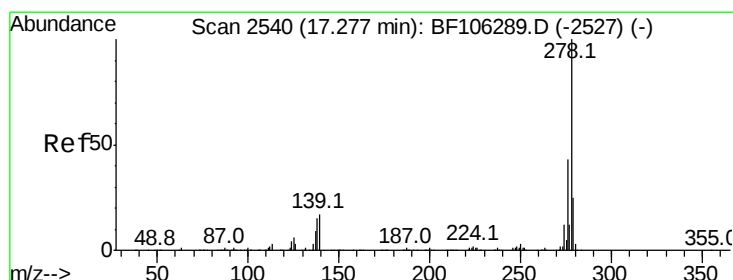
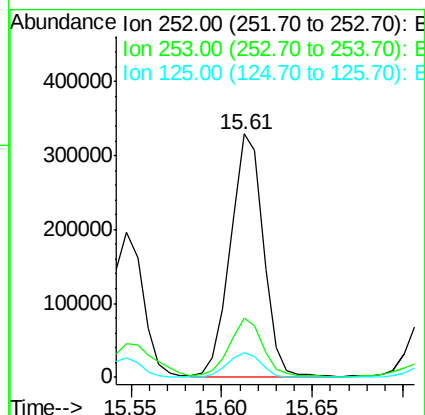
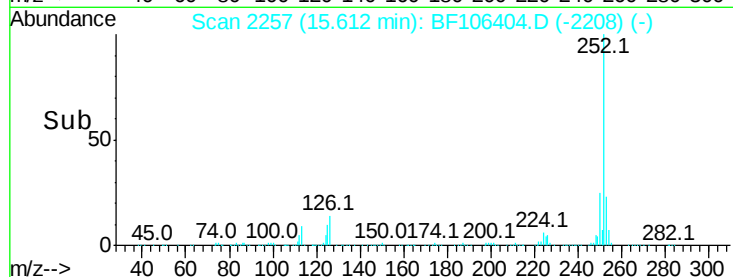
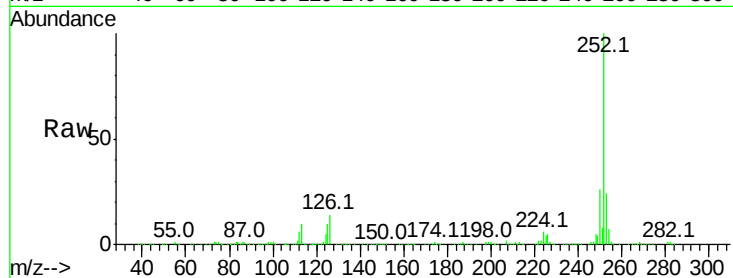
Tot Ion:252 Resp: 413504

Ion Ratio Lower Upper

252 100

253 24.3 17.1 25.7

125 10.4 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 2.905 ng

RT: 17.43 min Scan# 2566

Delta R.T. 0.15 min

Lab File: BF106404.D

Acq: 13 Jun 2018 21:09

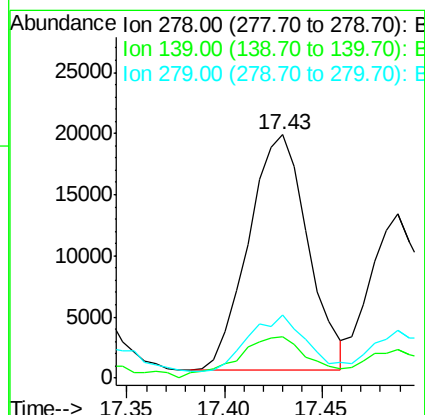
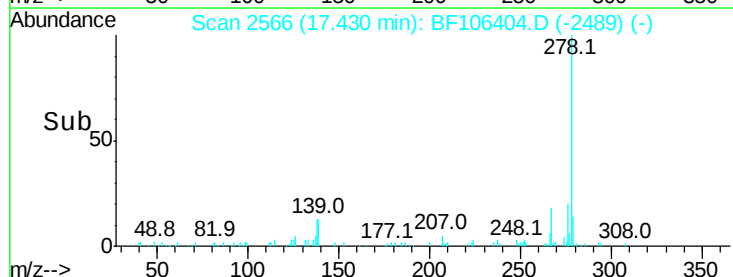
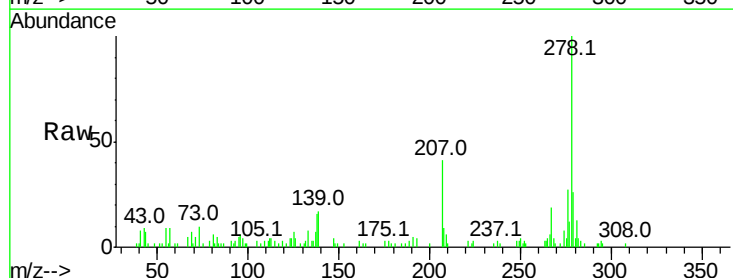
Tgt Ion:278 Resp: 40548

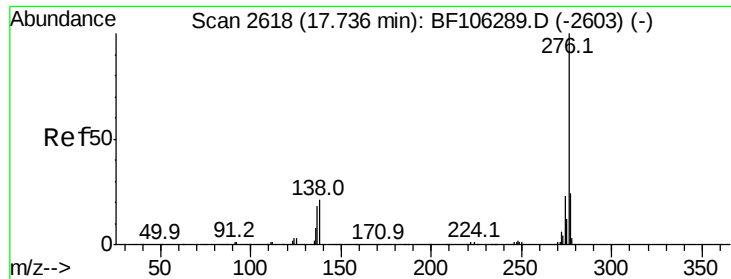
Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

279 25.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 9.474 ng
 RT: 17.71 min Scan# 2613
 Delta R.T. -0.03 min
 Lab File: BF106404.D
 Acq: 13 Jun 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	21.7	21.8	32.8#

