

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102757.D
 Acq On : 6 Feb 2018 00:50
 Operator : SJ/JU
 Sample : J1447-01 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 02:37:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	218511	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	873686	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	382433	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	583330	20.00	ng	0.00
75) Chrysene-d12	14.04	240	334730	20.00	ng	0.00
86) Perylene-d12	15.52	264	339636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	78681	5.47	ng	-0.01
7) Phenol-d6	6.49	99	93542	5.40	ng	-0.02
23) Nitrobenzene-d5	7.43	82	52729	4.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	13535	4.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	70590	3.06	ng	-0.01
78) Terphenyl-d14	12.99	244	40417	2.86	ng	-0.01

Target Compounds

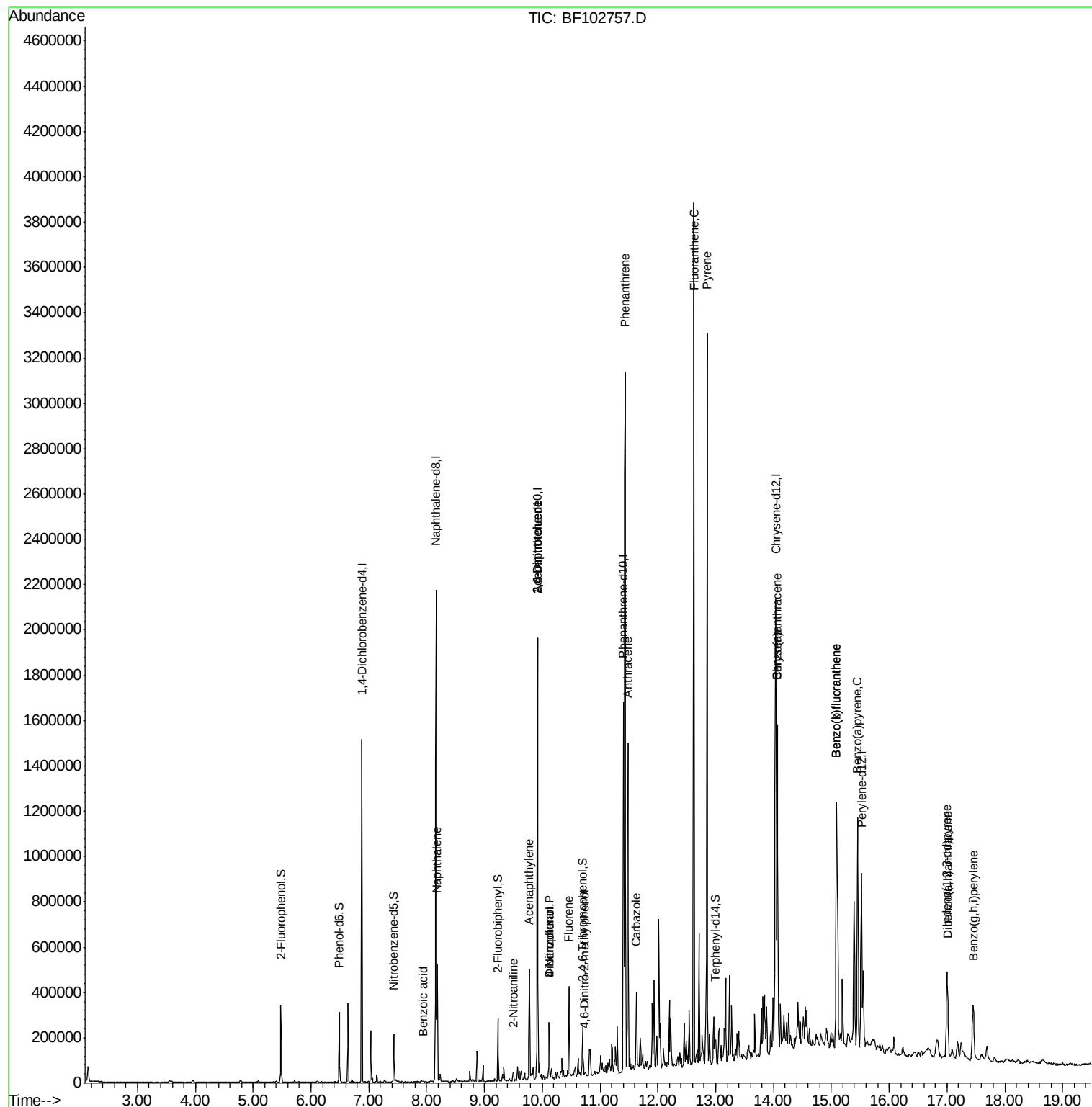
						Qvalue
24) Nitrobenzene	7.43	77	128	Below Cal	#	38
31) Naphthalene	8.18	128	251705	5.897 ng		100
32) Benzoic acid	7.93	122	833	8.636 ng	#	20
47) 2-Nitroaniline	9.49	65	265	3.504 ng	#	2
48) Acenaphthylene	9.77	152	197469	5.014 ng		98
50) 2,6-Dinitrotoluene	9.92	165	49696	8.760 ng	#	26
54) Dibenzofuran	10.12	168	83114	2.504 ng		98
55) 4-Nitrophenol	10.12	139	30738	9.113 ng	#	11
56) 2,4-Dinitrotoluene	9.92	165	49696	9.189 ng	#	23
57) Fluorene	10.46	166	103394	4.281 ng		100
64) 4,6-Dinitro-2-methylphenol	10.73	198	340	8.922 ng	#	19
70) Phenanthrene	11.43	178	1130553	34.799 ng		99
71) Anthracene	11.48	178	476264	14.413 ng		99
72) Carbazole	11.63	167	140761	4.348 ng		99
74) Fluoranthene	12.62	202	1603650	49.062 ng		99
77) Pyrene	12.85	202	1268282	48.319 ng		99
80) Benzo(a)anthracene	14.07	228	481352	22.866 ng		95
82) Chrysene	14.07	228	481352	22.683 ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	238053	13.526 ng		96
87) Benzo(b)fluoranthene	15.09	252	913588	41.489 ng	#	96
88) Benzo(k)fluoranthene	15.09	252	913588	43.422 ng		99
89) Benzo(a)pyrene	15.46	252	456488	23.031 ng		97
90) Dibenzo(a,h)anthracene	17.02	278	57338	3.564 ng		95
91) Benzo(g,h,i)perylene	17.45	276	198732	12.621 ng		98

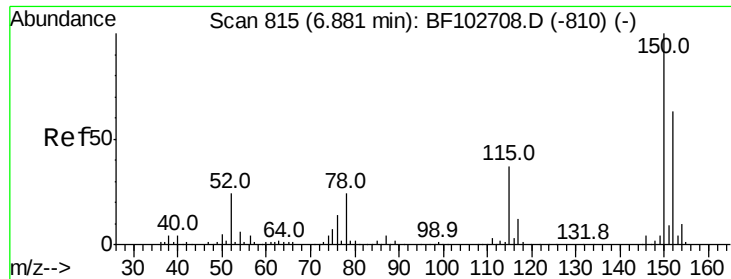
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102757.D
Acq On : 6 Feb 2018 00:50
Operator : SJ/JU
Sample : J1447-01 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 02:37:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



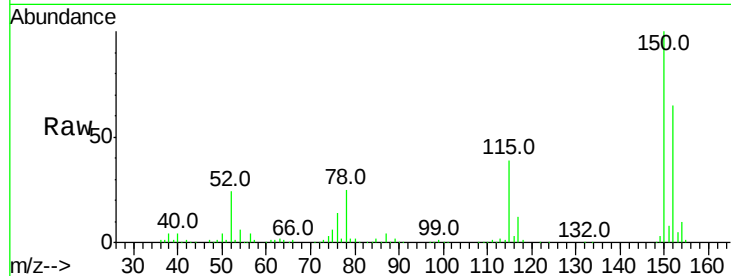


#1

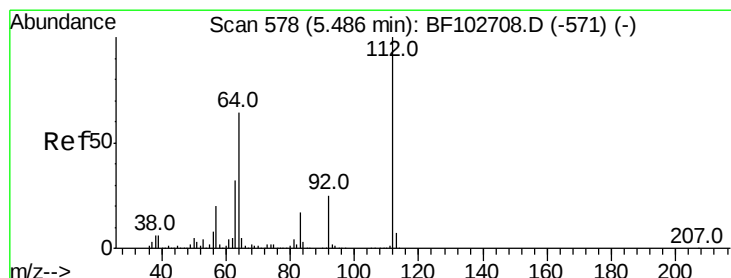
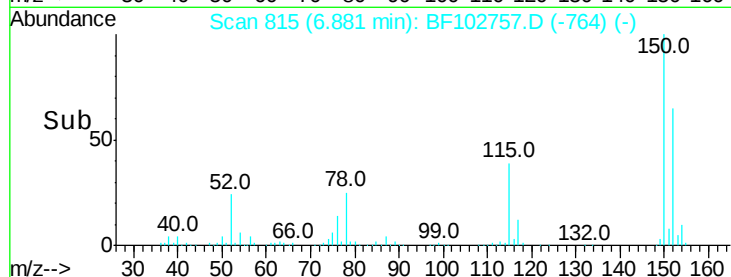
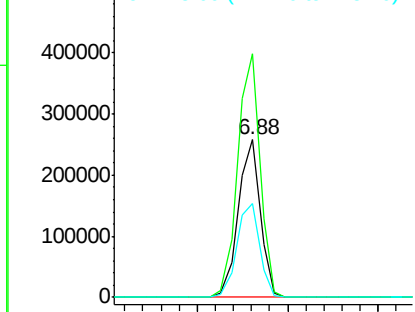
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 218511
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 59.5 50.1 75.1



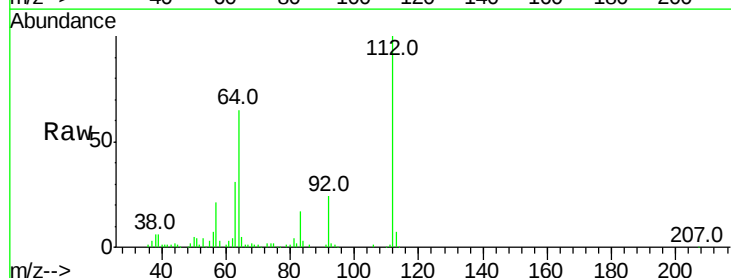
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



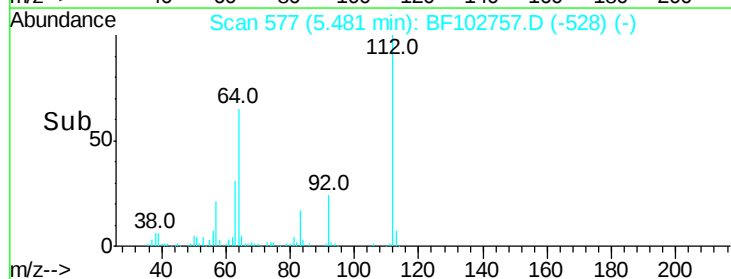
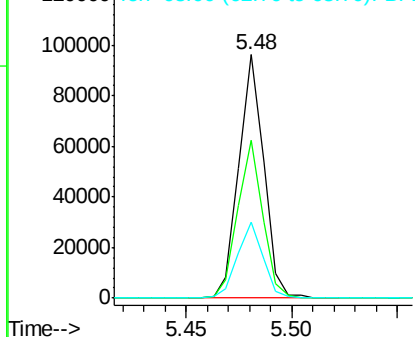
#5

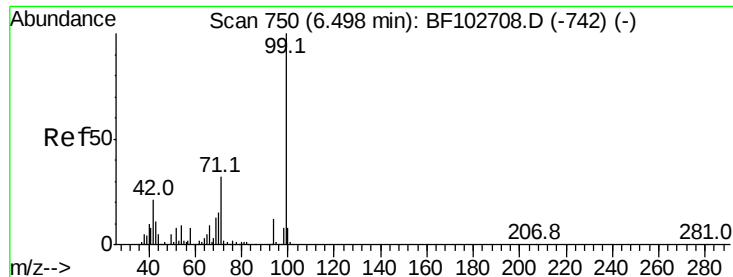
2-Fluorophenol
Concen: 5.468 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:112 Resp: 78681
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 31.3 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: 5.399 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

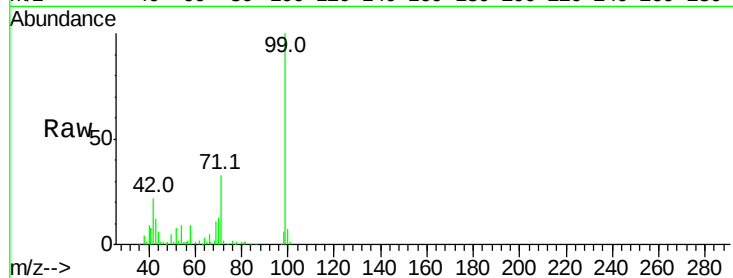
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 93542

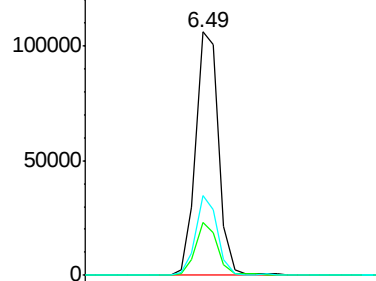
Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	32.7	25.4	38.0



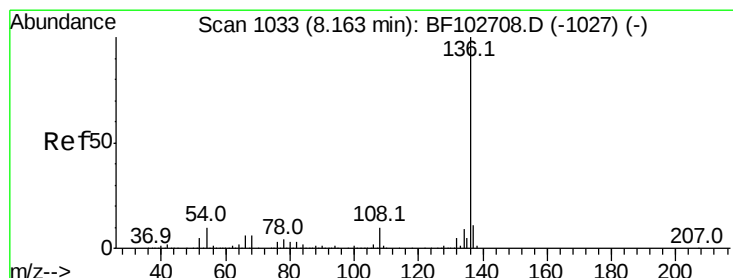
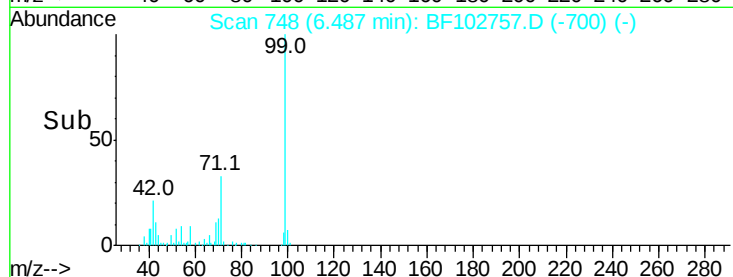
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Tgt Ion: 136 Resp: 873686

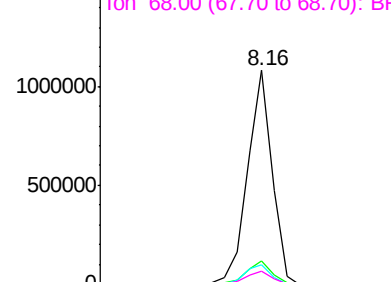
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.3	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E

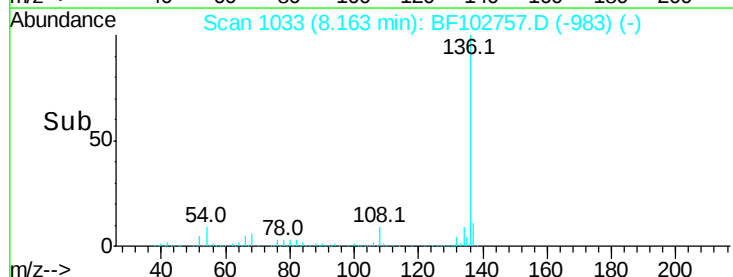
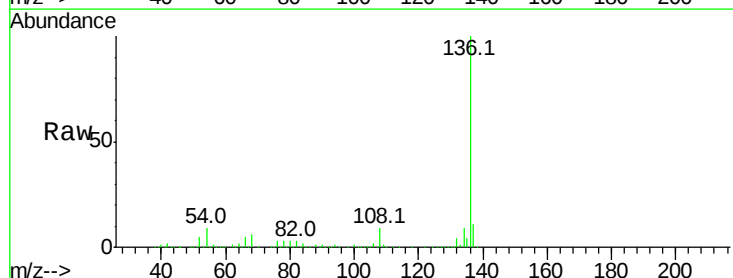
Ion 137.00 (136.70 to 137.70): E

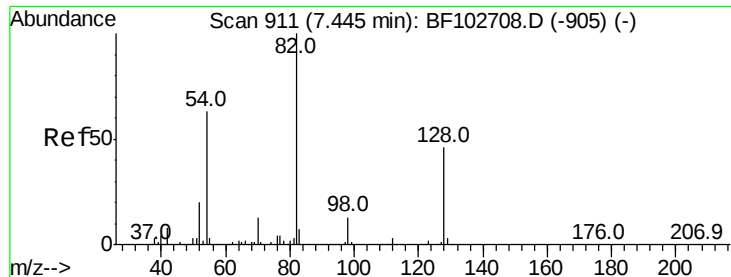
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

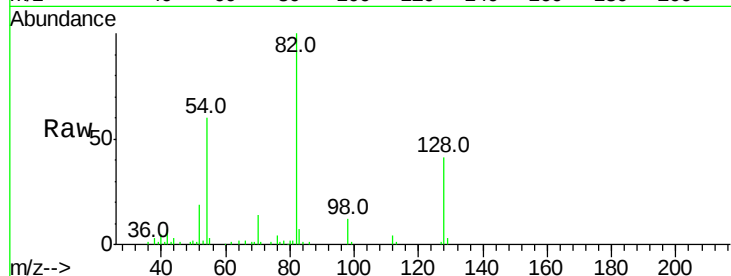




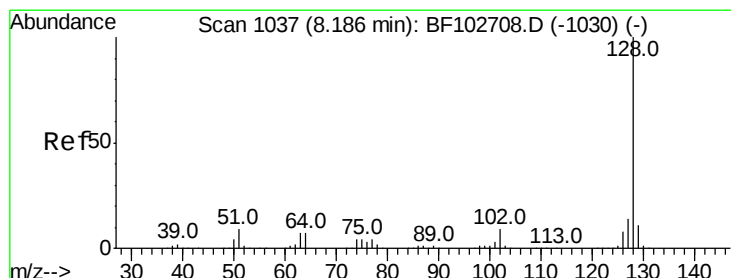
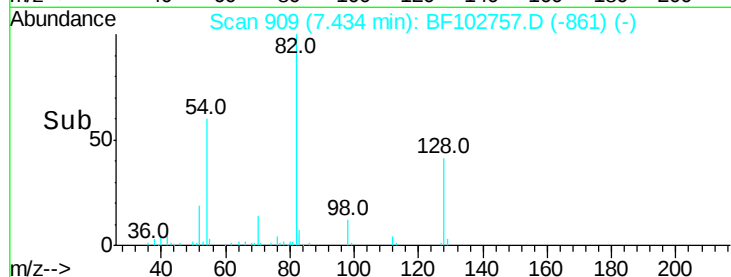
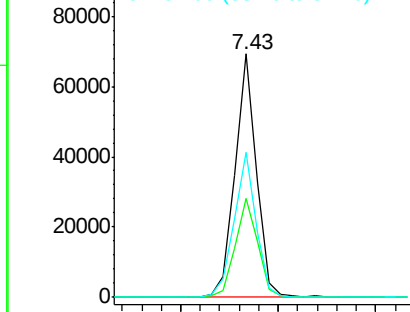
#23
Nitrobenzene-d5
Concen: 4.187 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 52729
Ion Ratio Lower Upper
82 100
128 40.6 36.1 54.1
54 59.8 41.4 62.2

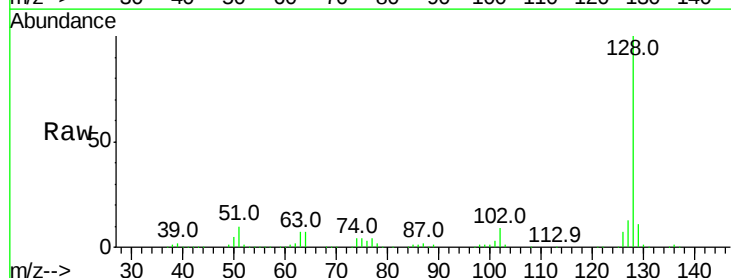


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

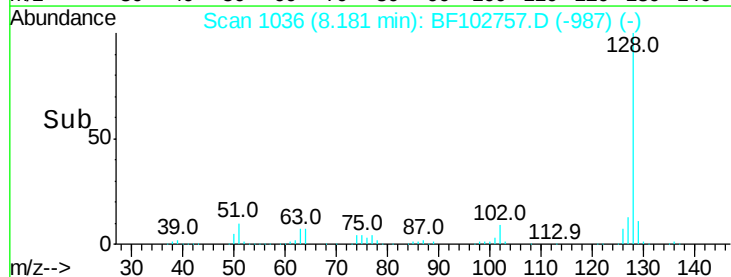
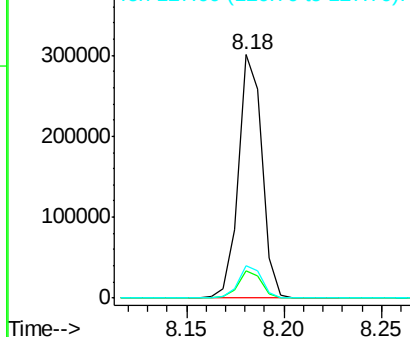


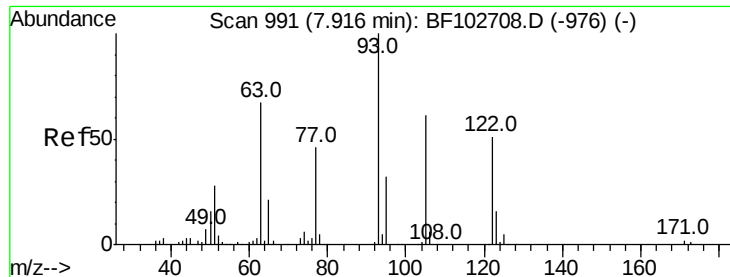
#31
Naphthalene
Concen: 5.897 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion: 128 Resp: 251705
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 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: 8.636 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampled :

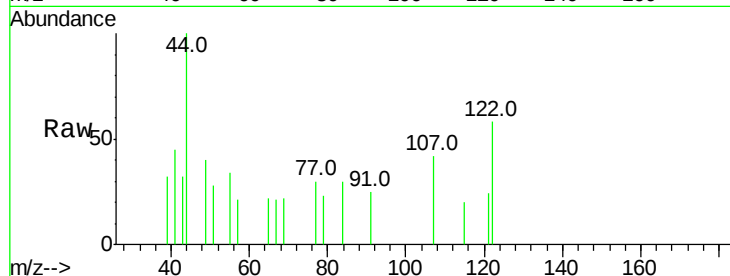
Tot Ion:122 Resp: 833

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

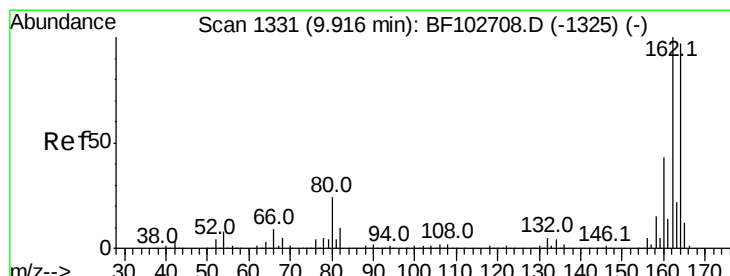
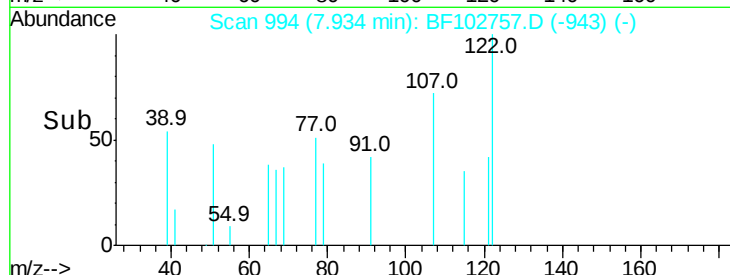
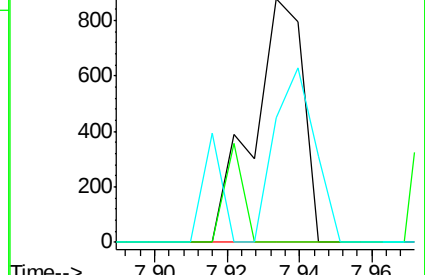
77 51.0 70.7 110.7#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

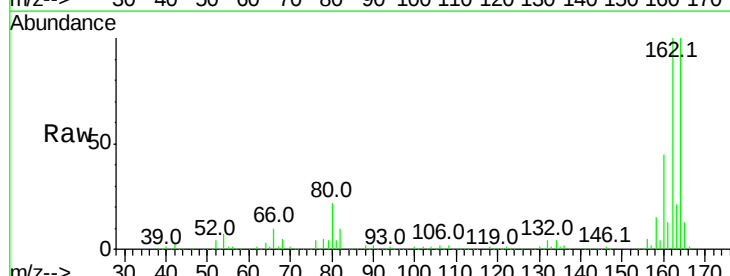
Tgt Ion:164 Resp: 382433

Ion Ratio Lower Upper

164 100

162 100.1 86.1 129.1

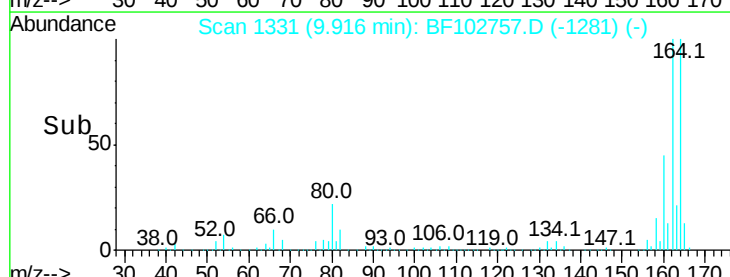
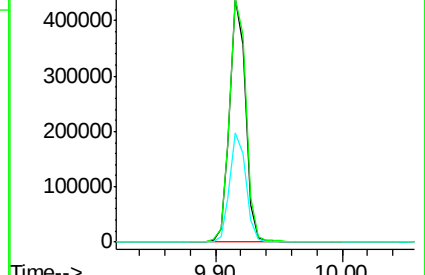
160 45.0 38.3 57.5

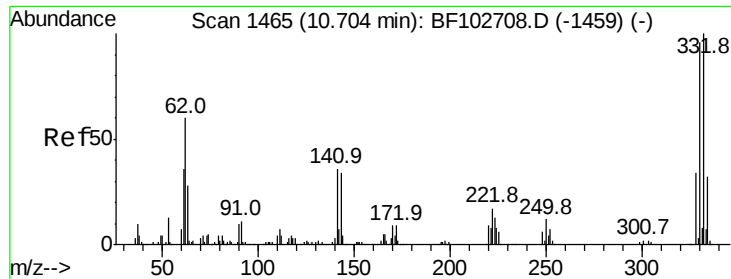


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

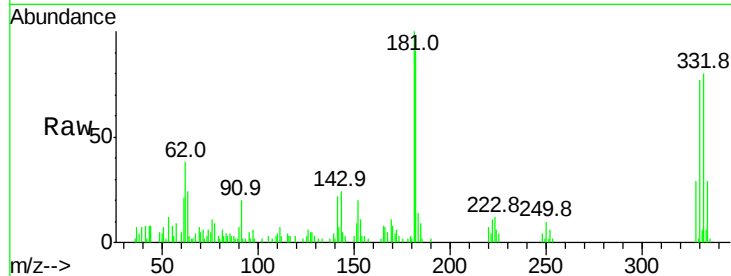




#41
 2,4,6-Tribromophenol
 Concen: 4.397 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF102757.D
 Acq: 6 Feb 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.9	77.0	115.6
141	35.2	29.9	44.9

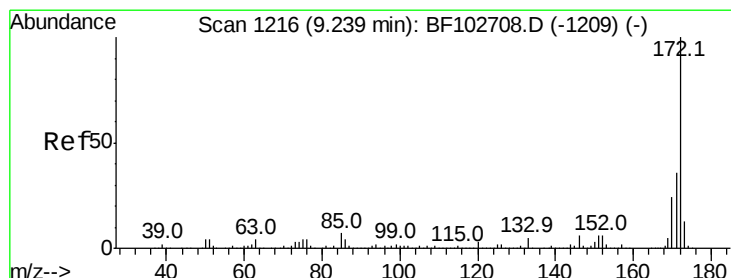
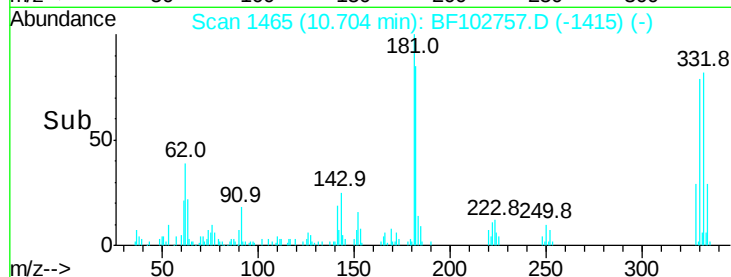
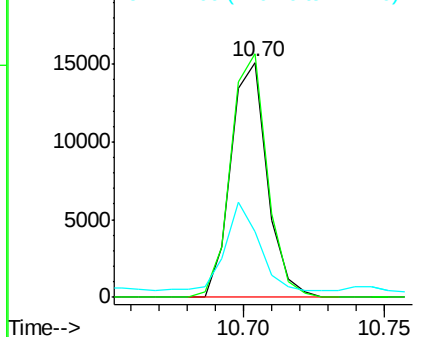


Abundance

Ion 329.80 (329.50 to 330.50): E

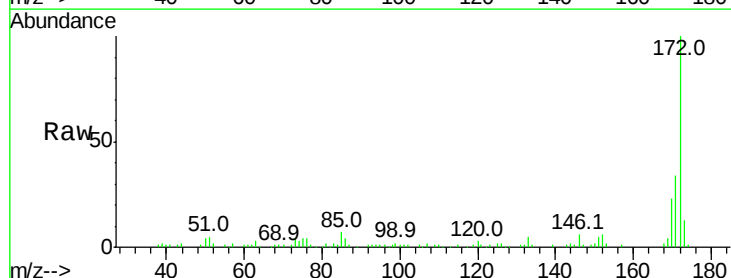
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 3.063 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102757.D
 Acq: 6 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	22.6	19.6	29.4

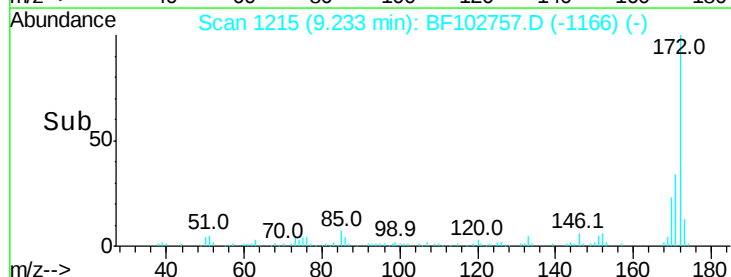
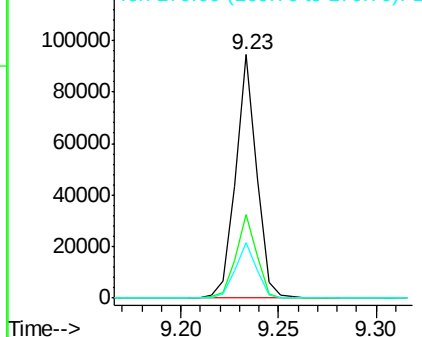


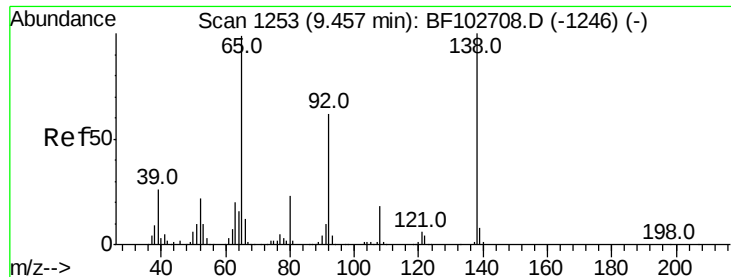
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 3.504 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.03 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampled :

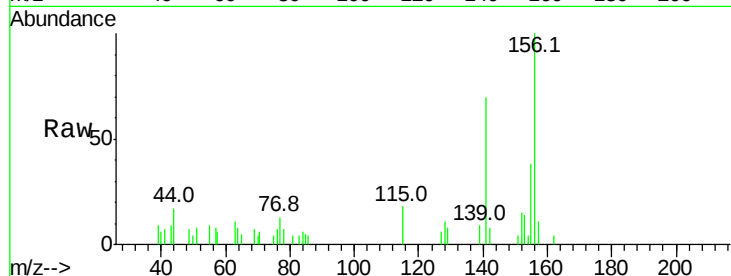
Tot Ion: 65 Resp: 265

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

9.49

400

300

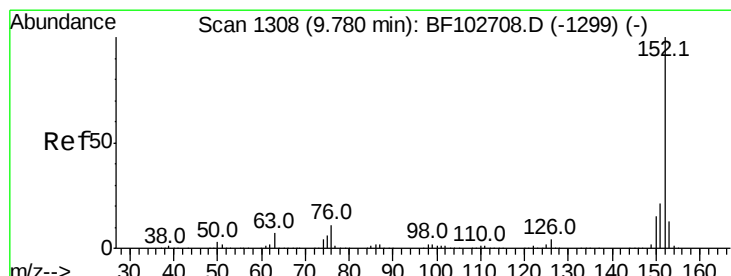
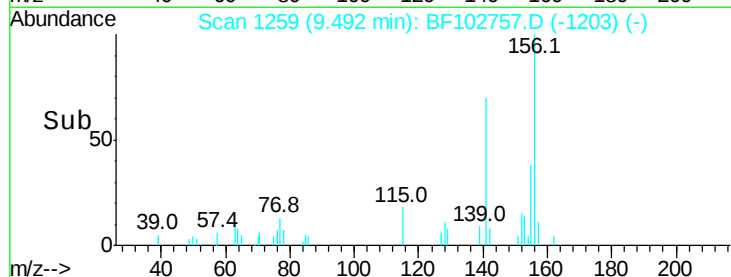
200

100

0

9.48 9.50 9.52

Time-->



#48

Acenaphthylene

Concen: 5.014 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

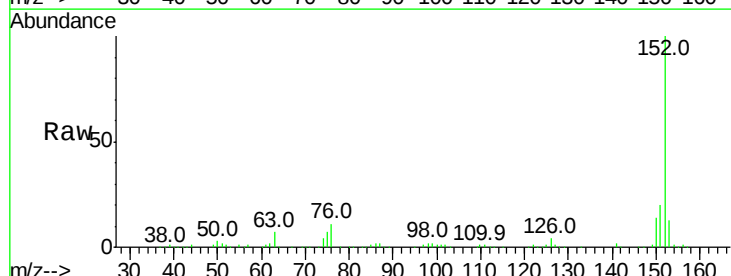
Tgt Ion: 152 Resp: 197469

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

153 12.5 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

9.77

300000

250000

200000

150000

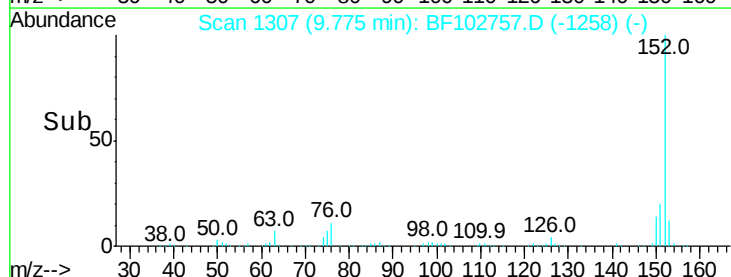
100000

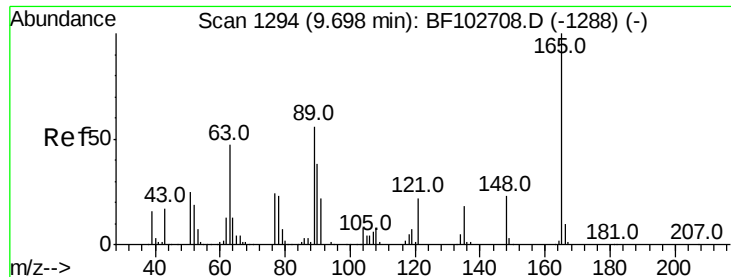
50000

0

9.70 9.75 9.80 9.85

Time-->

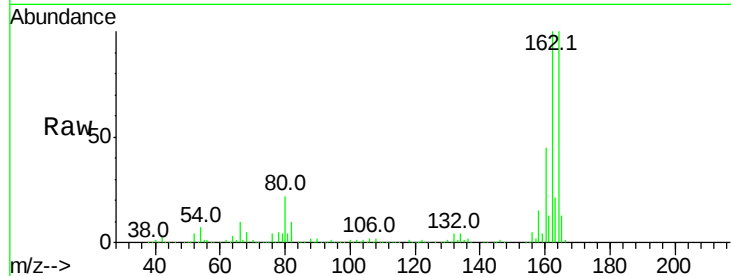




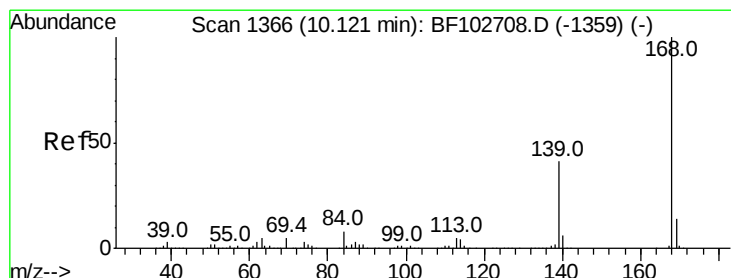
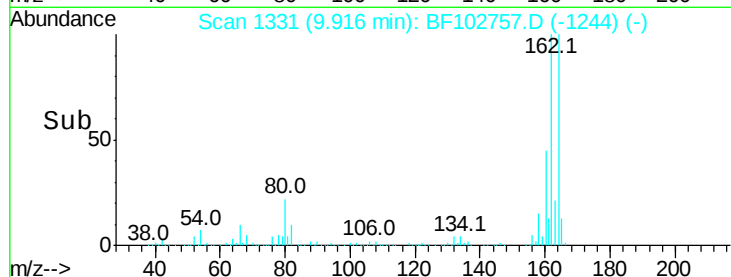
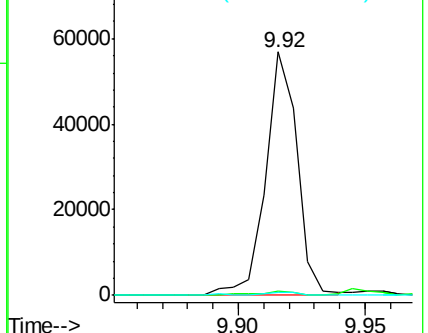
#50
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 49696
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.4 44.0 66.0#

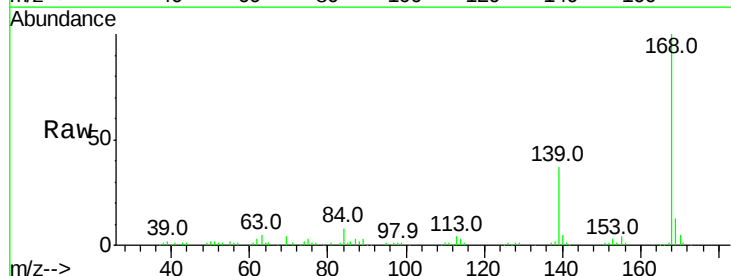


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

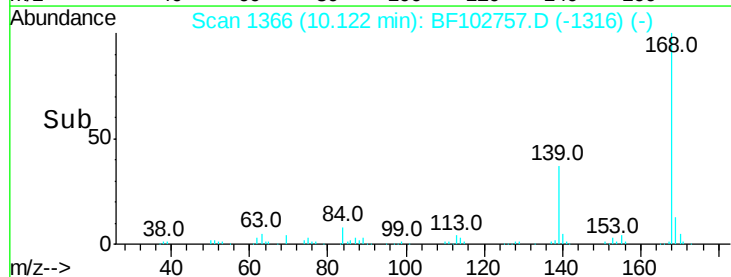
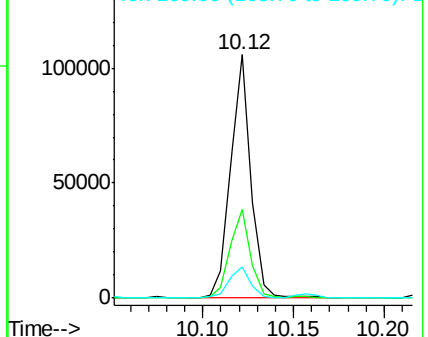


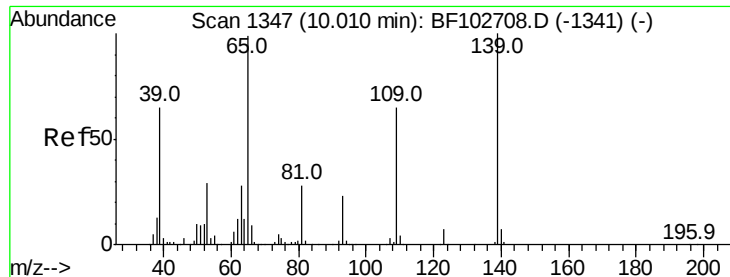
#54
Dibenzofuran
Concen: 2.504 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:168 Resp: 83114
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 12.8 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: 9.113 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.10 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampled :

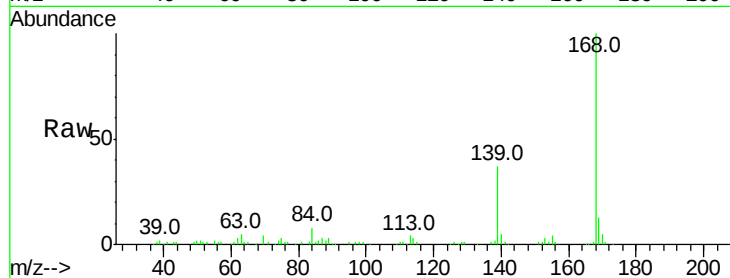
Tot Ion:139 Resp: 30738

Ion Ratio Lower Upper

139 100

109 1.3 48.4 88.4#

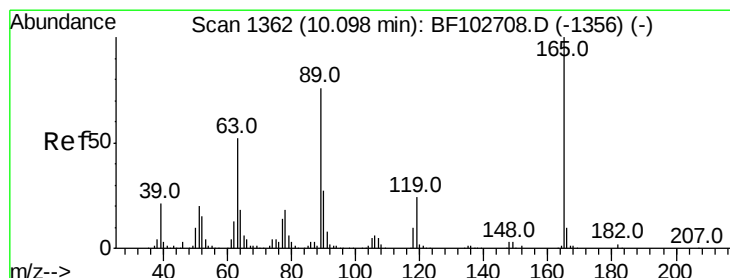
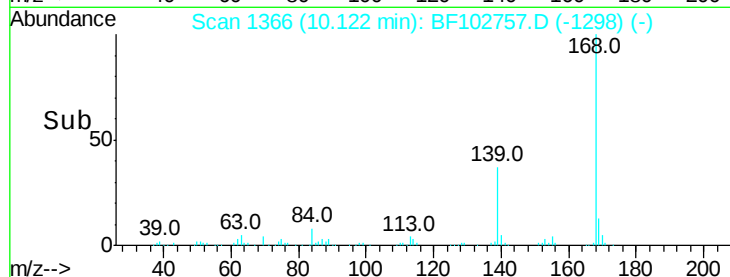
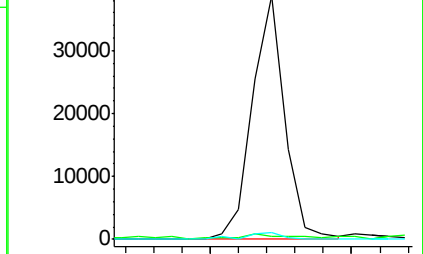
65 2.6 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 9.189 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Tgt Ion:165 Resp: 49696

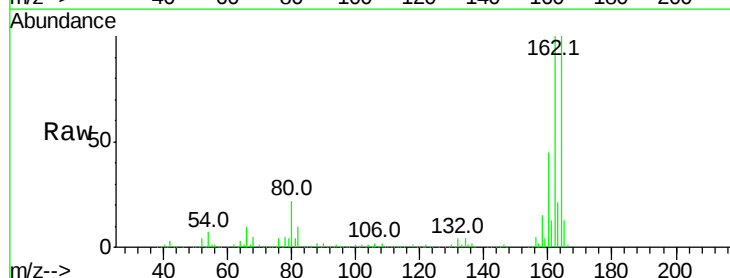
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

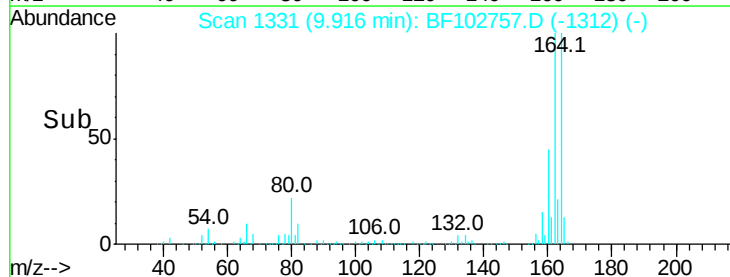
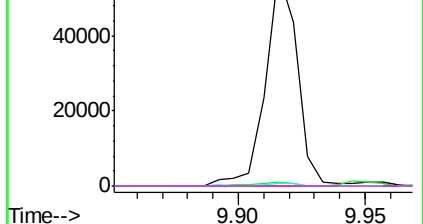


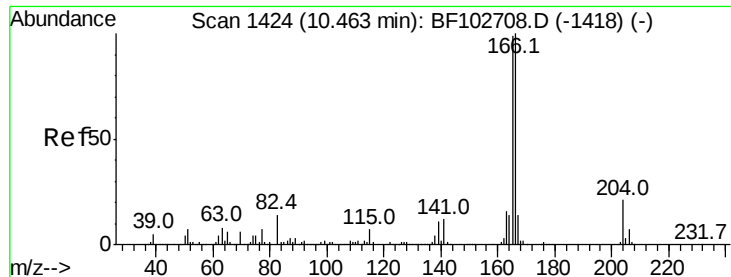
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

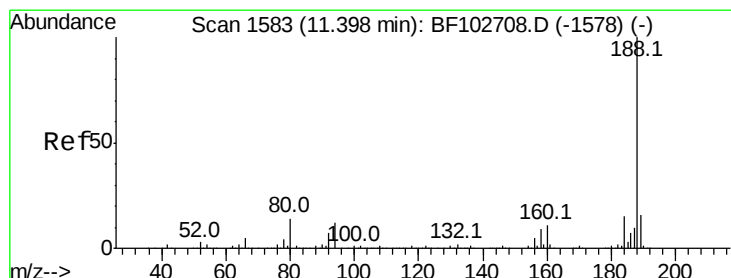
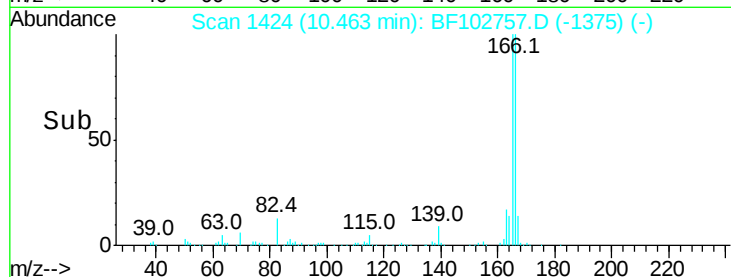
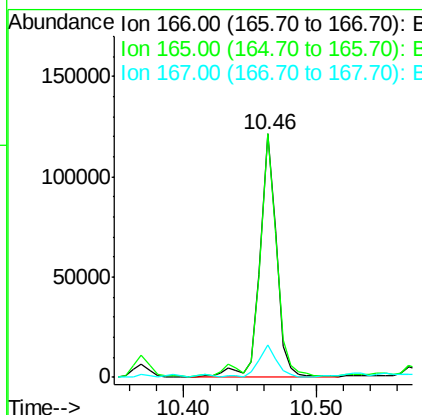
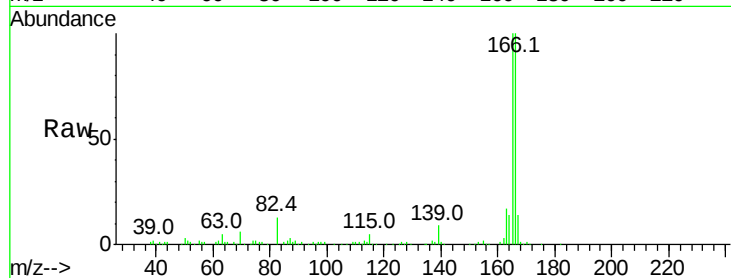




#57
 Fluorene
 Concen: 4.281 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF102757.D
 Acq: 6 Feb 2018 00:50

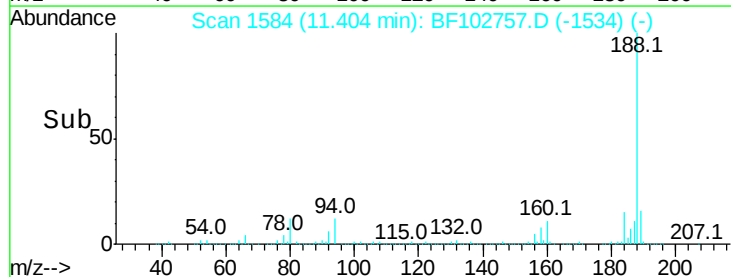
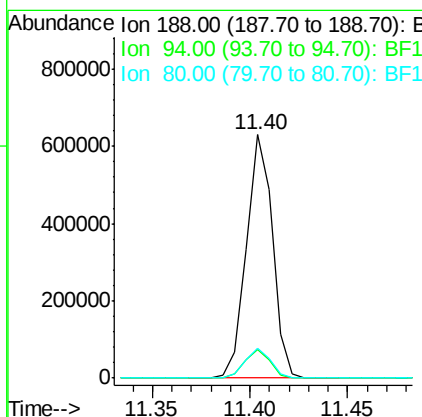
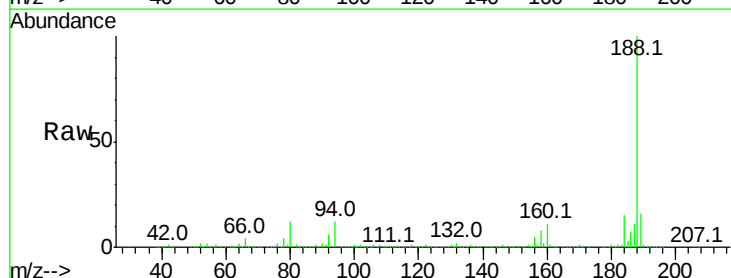
Instrument :
 BNA_F
 ClientSampleId :

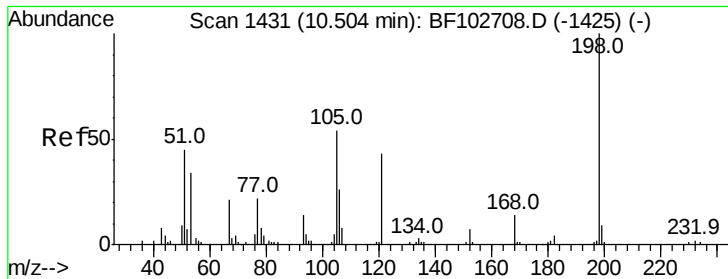
Tot Ion:166 Resp: 103394
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 13.5 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102757.D
 Acq: 6 Feb 2018 00:50

Tgt Ion:188 Resp: 583330
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.5 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.922 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.21 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampled :

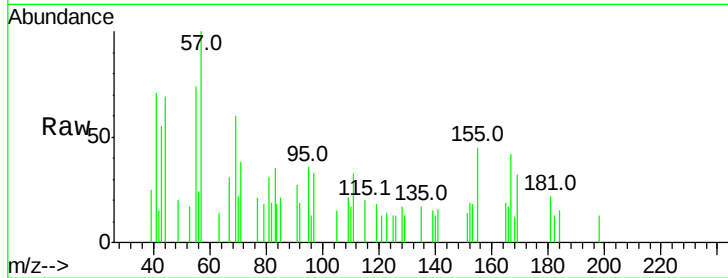
Tot Ion:198 Resp: 340

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

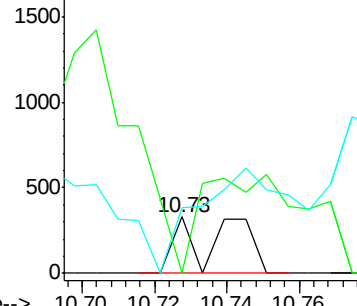
105 117.3 36.3 76.3#



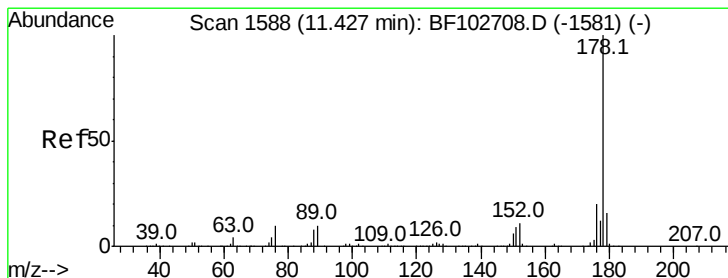
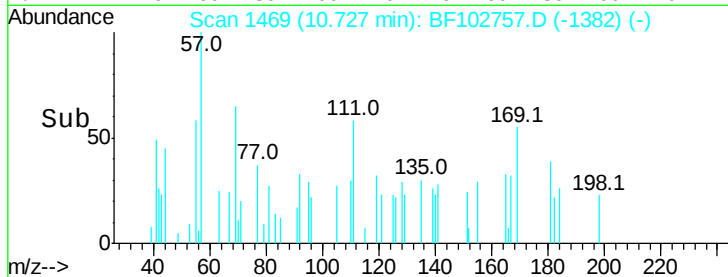
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#70

Phenanthrene

Concen: 34.799 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

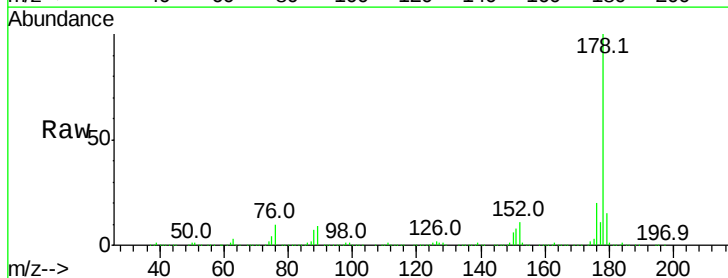
Tgt Ion:178 Resp: 1130553

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

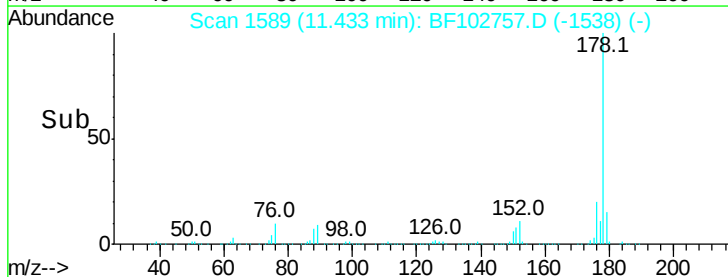
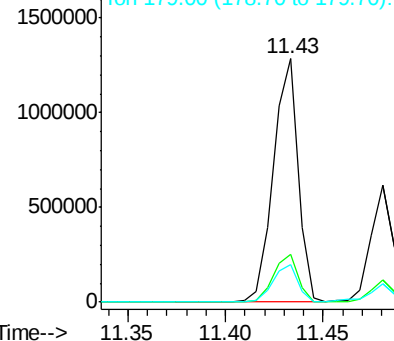
179 15.4 13.0 19.6

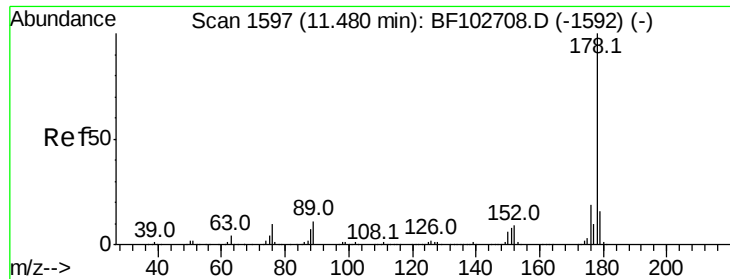


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

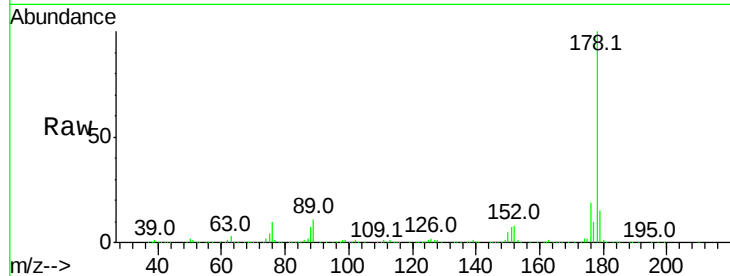




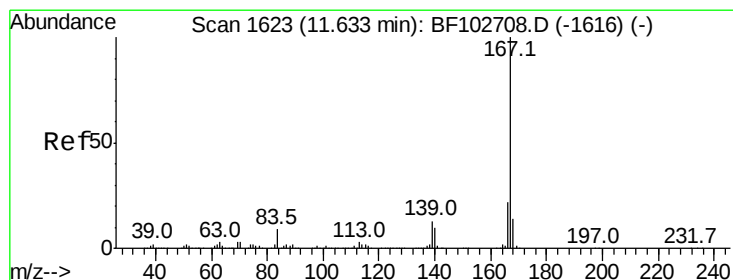
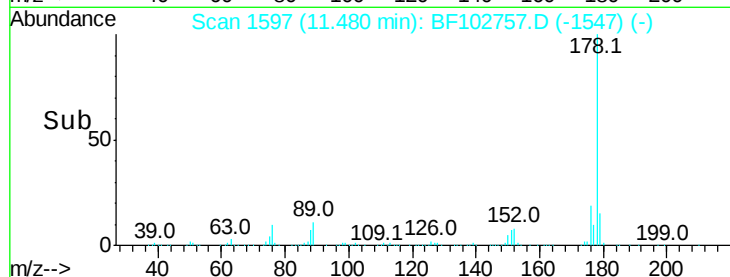
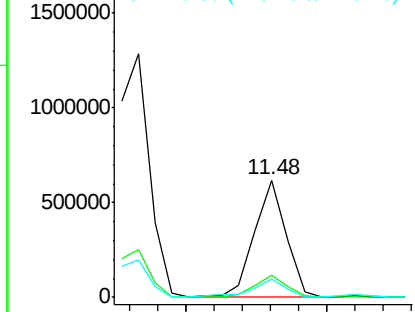
#71
 Anthracene
 Concen: 14.413 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF102757.D
 Acq: 6 Feb 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 476264
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.5 12.6 19.0

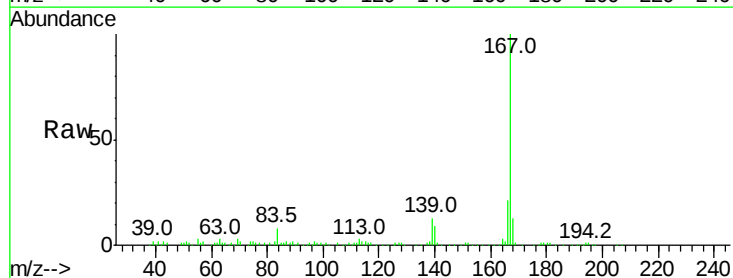


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

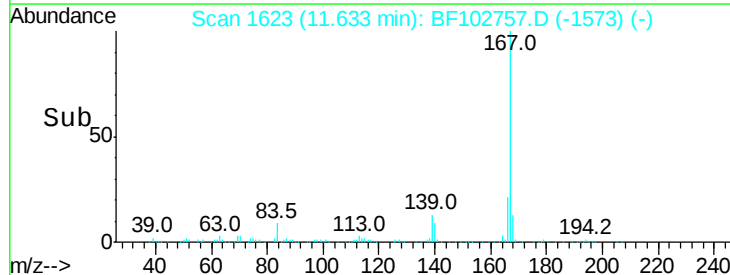
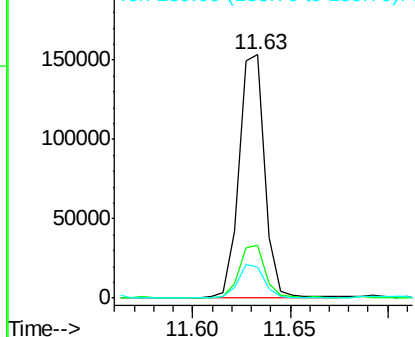


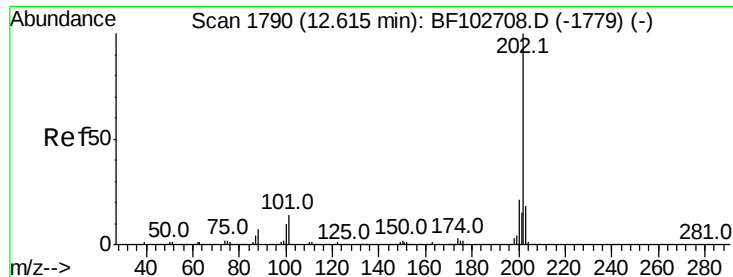
#72
 Carbazole
 Concen: 4.348 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF102757.D
 Acq: 6 Feb 2018 00:50

Tgt Ion:167 Resp: 140761
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.0 10.9 16.3



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





#74

Fluoranthene

Concen: 49.062 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampleId :

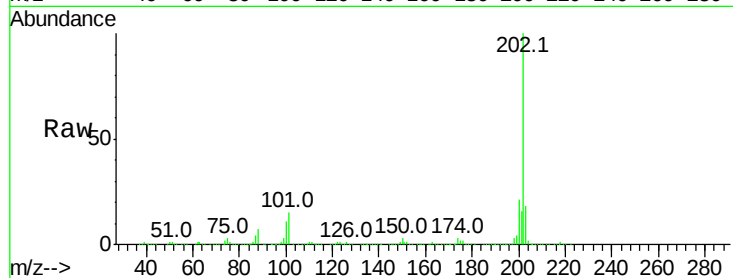
Tot Ion:202 Resp: 1603650

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

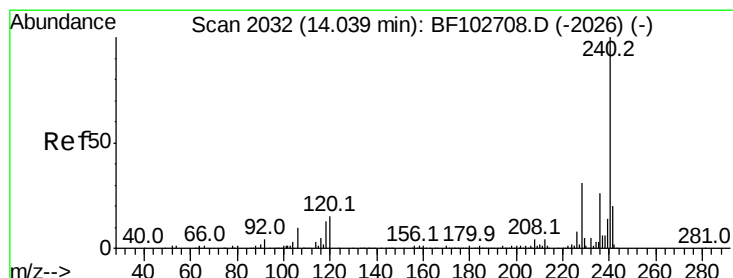
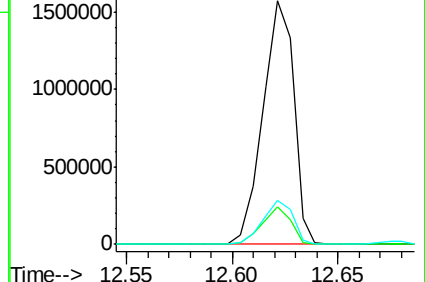
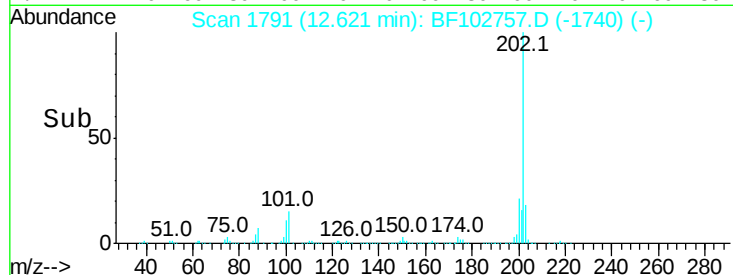
203 18.1 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

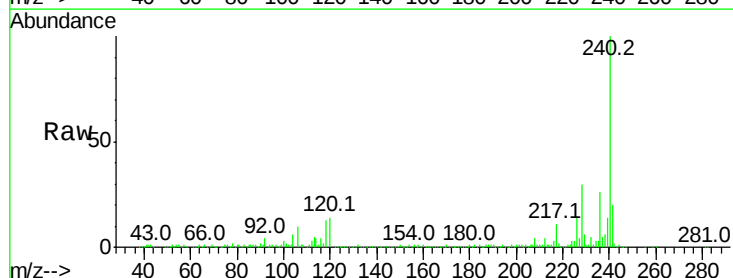
Tgt Ion:240 Resp: 334730

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

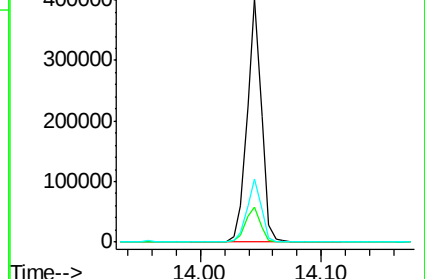
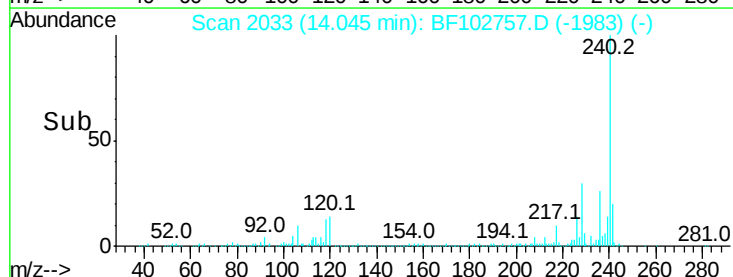
236 26.1 20.7 31.1

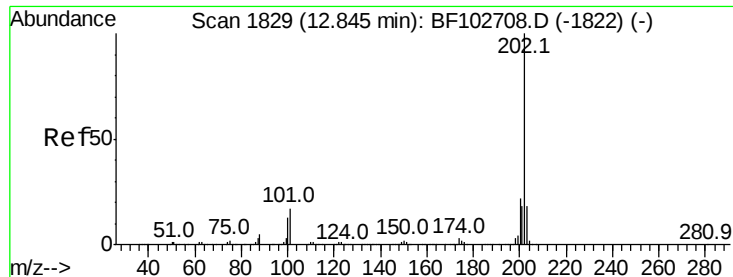


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

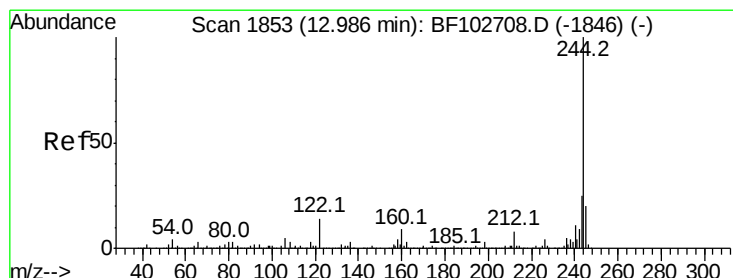
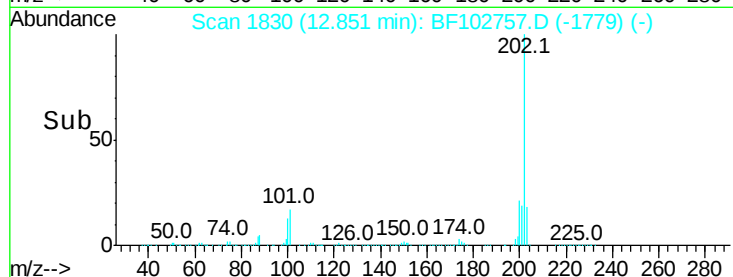
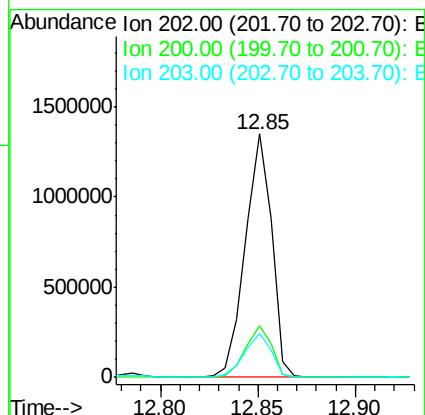
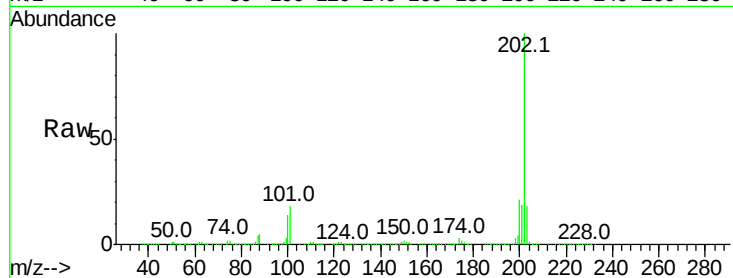




#77
Pvrene
Concen: 48.319 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

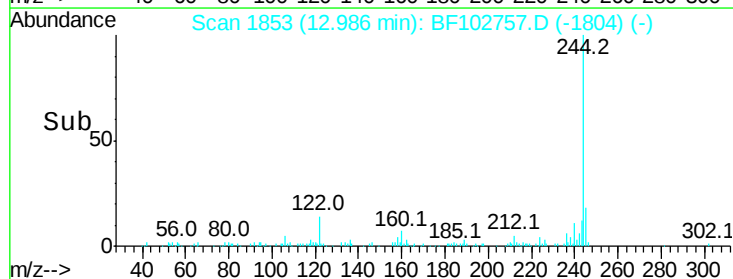
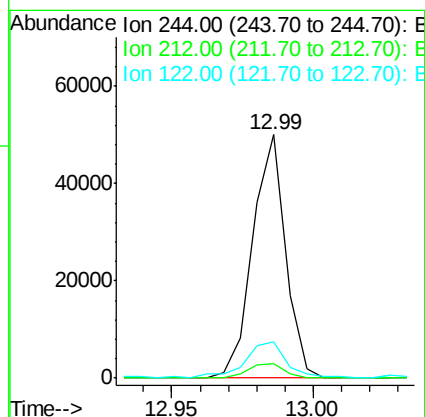
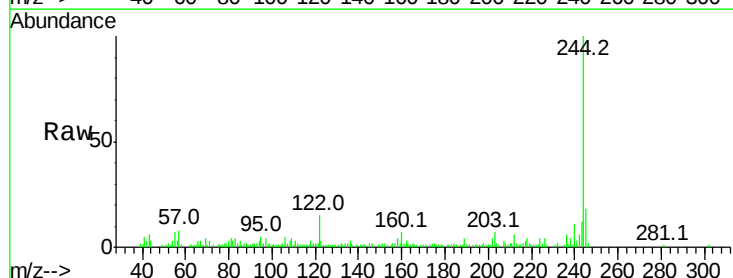
Instrument :
BNA_F
ClientSampleId :

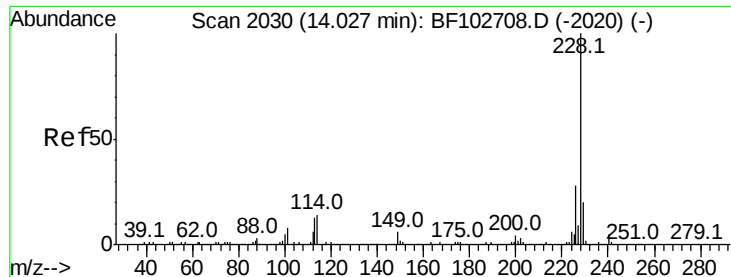
Tot Ion:202 Resp: 1268282
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 2.859 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:244 Resp: 40417
Ion Ratio Lower Upper
244 100
212 6.0 5.4 8.0
122 15.1 11.0 16.4





#80

Benzo(a)anthracene

Concen: 22.866 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.03 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampleId :

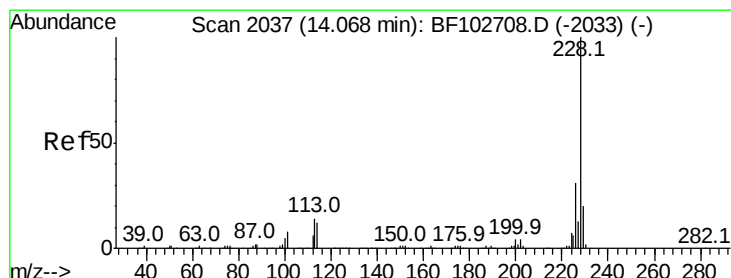
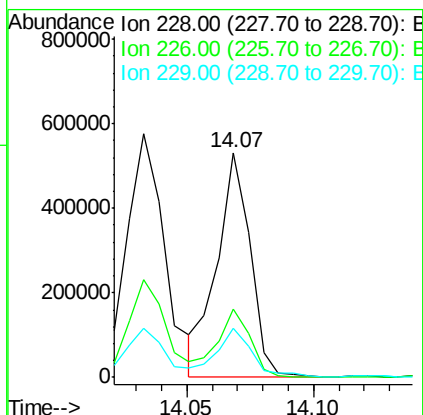
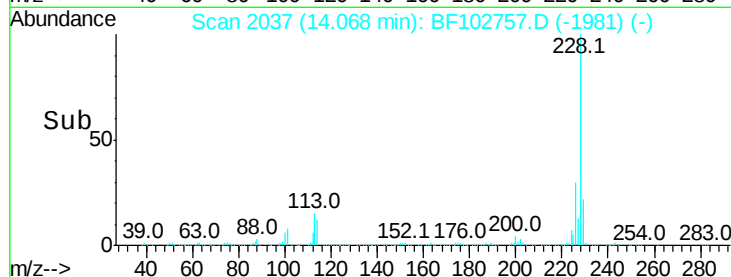
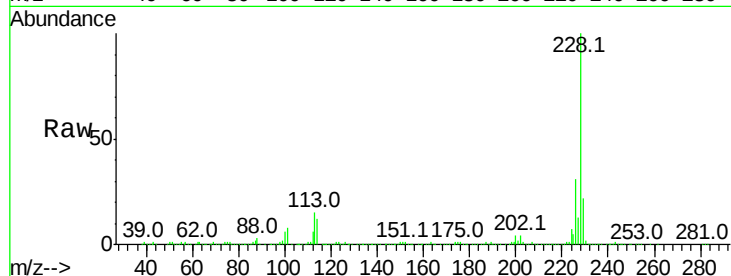
Tot Ion:228 Resp: 481352

Ion Ratio Lower Upper

228 100

226 30.6 22.6 33.8

229 22.1 15.8 23.6



#82

Chrysene

Concen: 22.683 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

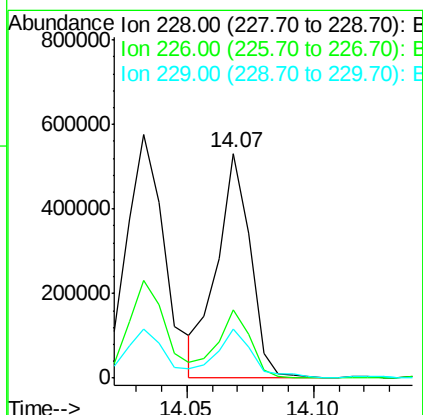
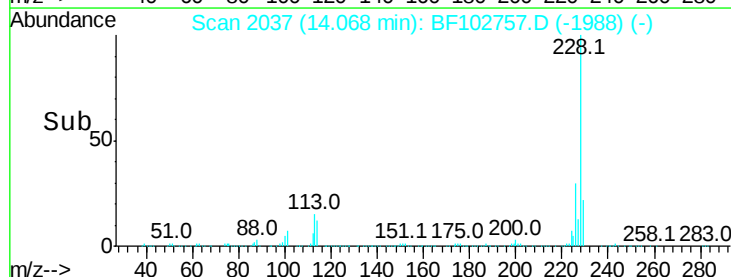
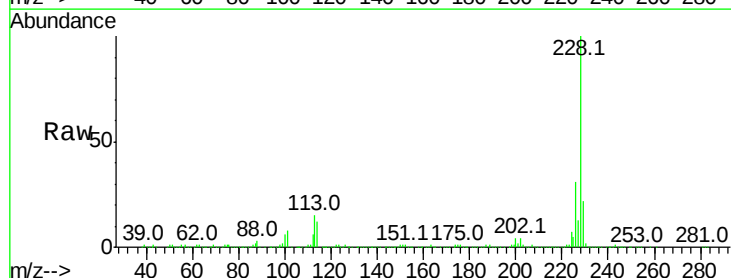
Tgt Ion:228 Resp: 481352

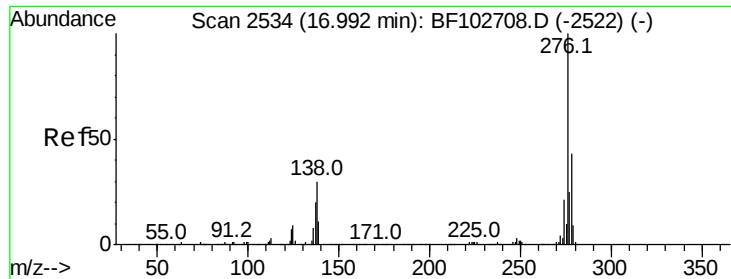
Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 22.1 16.2 24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 13.526 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampleId :

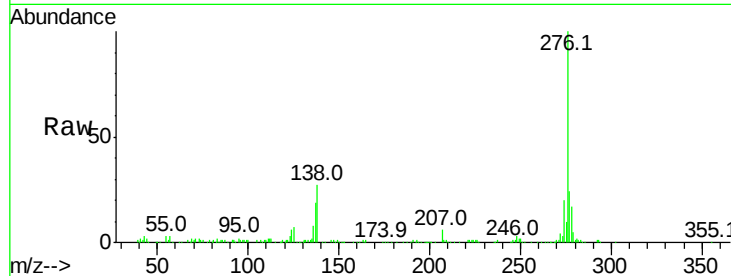
Tot Ion:276 Resp: 238053

Ion Ratio Lower Upper

276 100

138 27.8 25.0 37.6

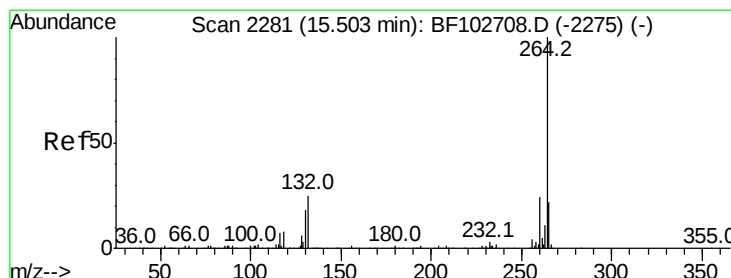
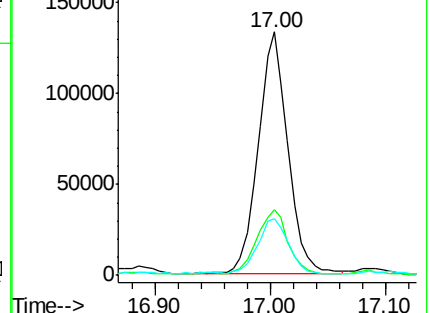
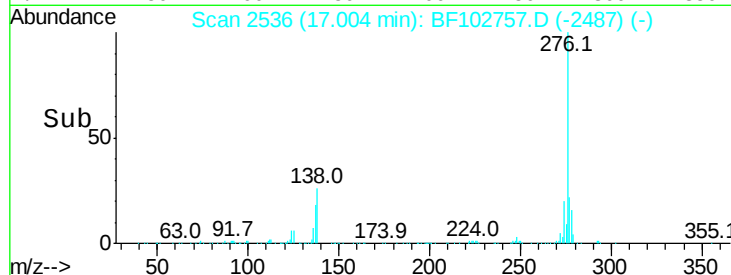
277 24.5 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

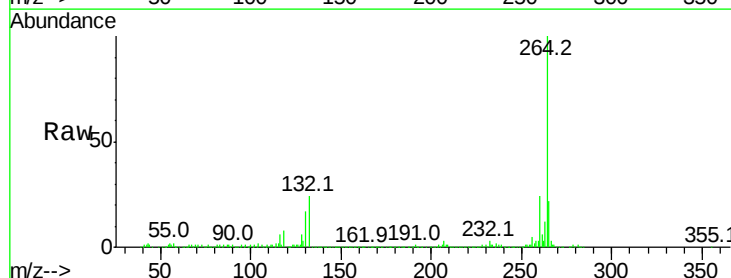
Tgt Ion:264 Resp: 339636

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

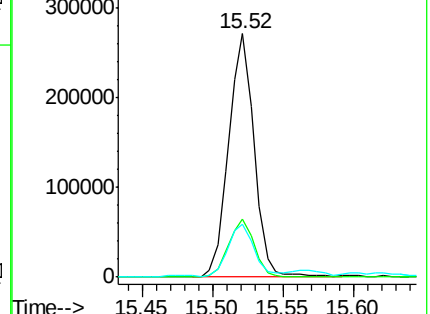
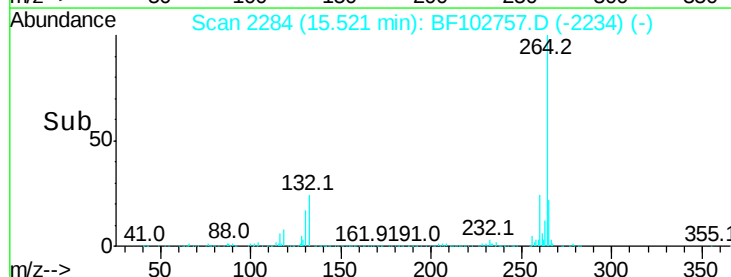
265 21.8 17.5 26.3

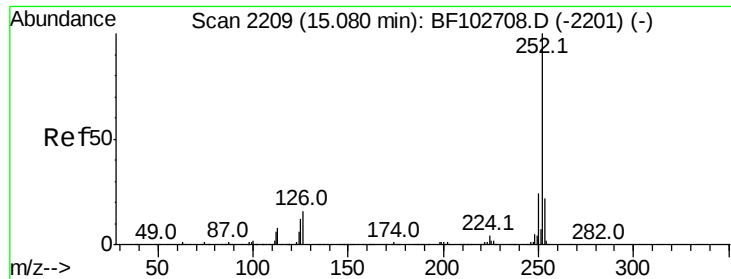


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

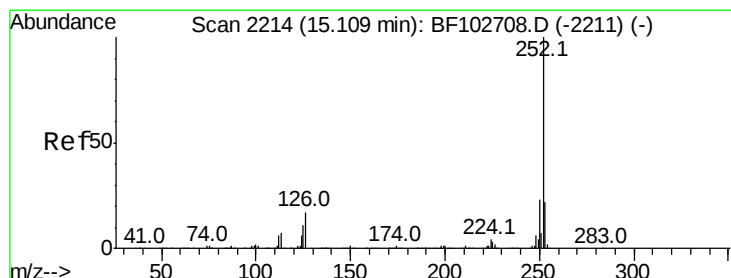
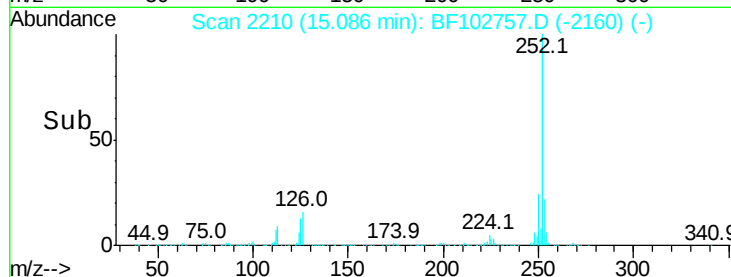
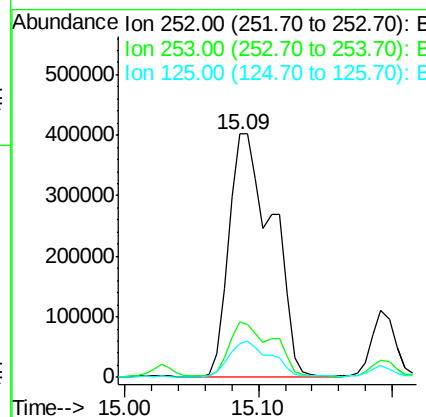
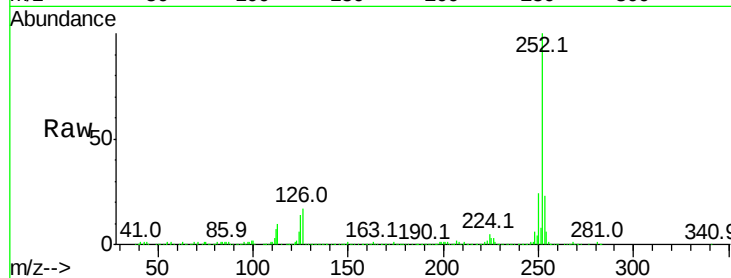




#87
Benzo(b)fluoranthene
Concen: 41.489 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

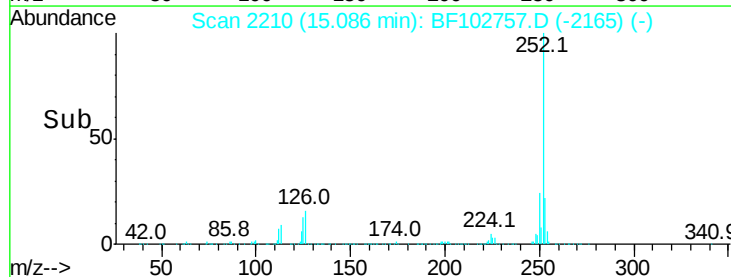
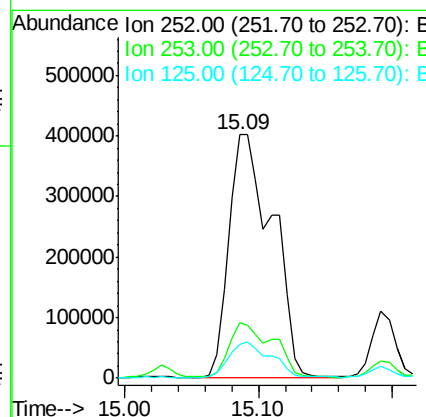
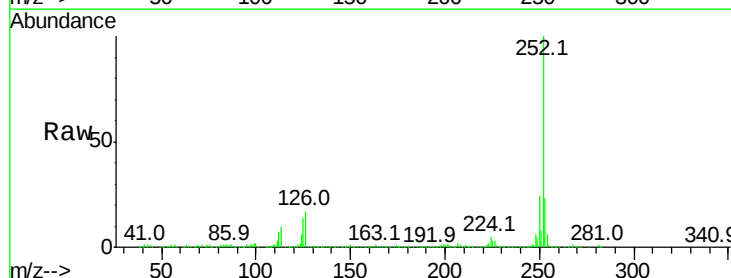
Instrument :
BNA_F
ClientSampleId :

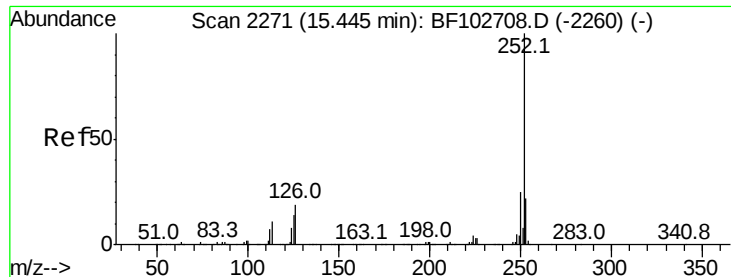
Tot Ion:252 Resp: 913588
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 43.422 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:252 Resp: 913588
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 23.031 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampled :

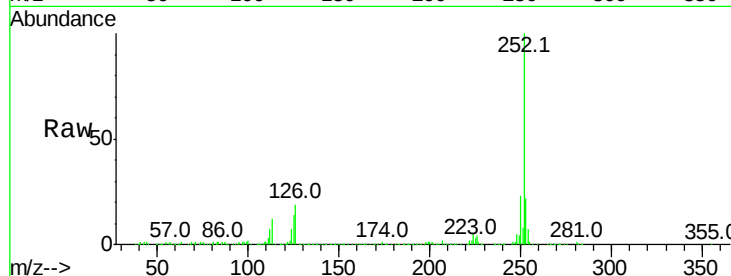
Tot Ion:252 Resp: 456488

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

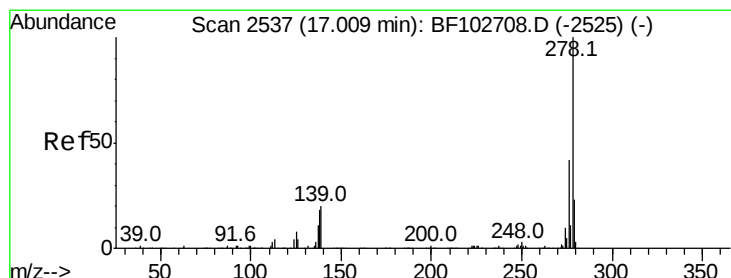
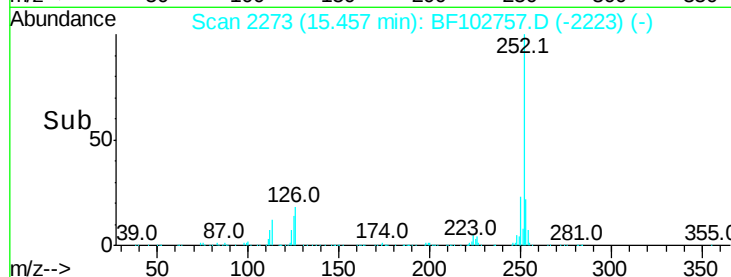
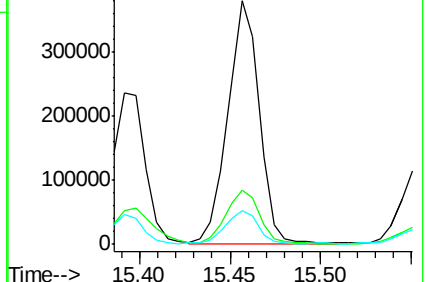
125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.564 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

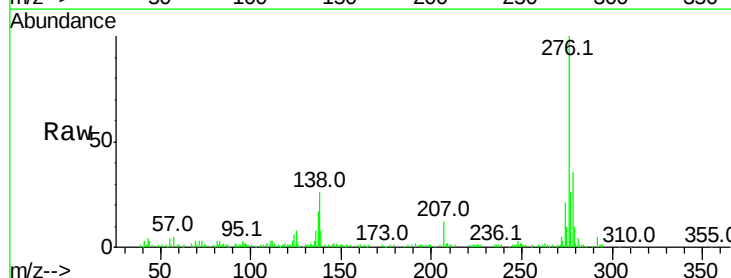
Tgt Ion:278 Resp: 57338

Ion Ratio Lower Upper

278 100

139 22.3 15.9 23.9

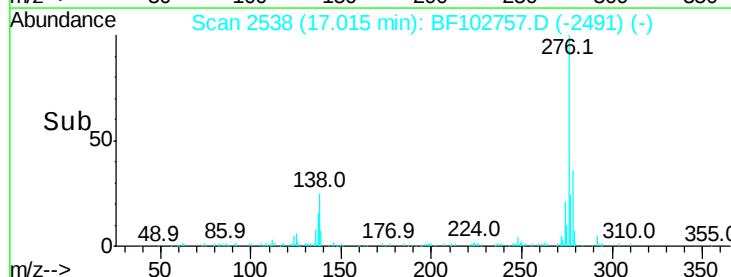
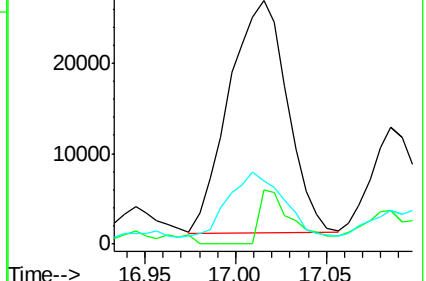
279 26.1 19.0 28.4

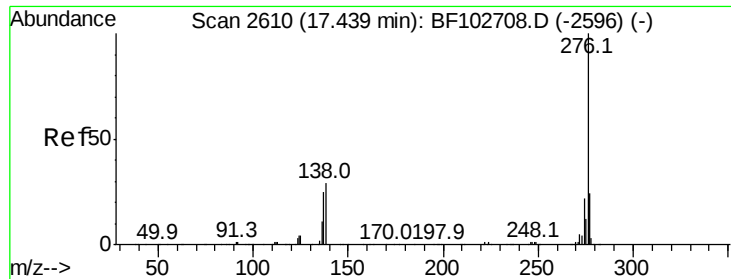


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 12.621 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.02 min

Lab File: BF102757.D

Acq: 6 Feb 2018 00:50

Instrument :

BNA_F

ClientSampleId :

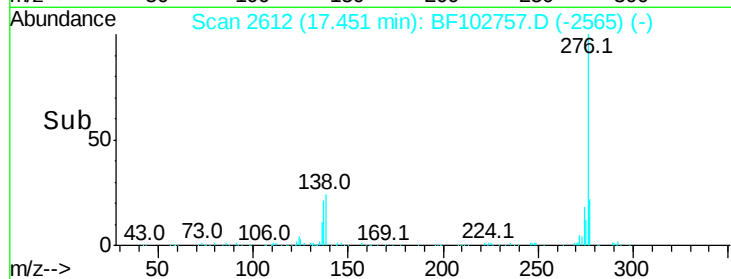
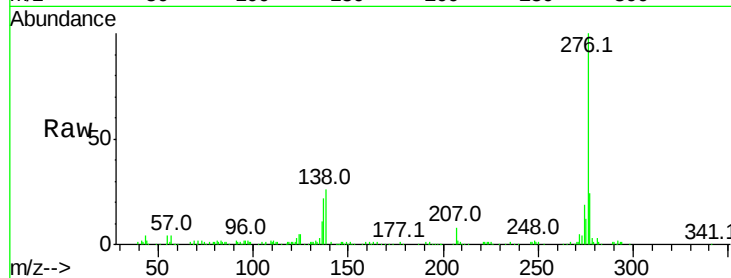
Tot Ion:276 Resp: 198732

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 26.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

