

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102424.D
 Acq On : 25 Jan 2018 14:19
 Operator : SJ/JU
 Sample : J1308-01 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB99-BOT-8

Quant Time: Jan 25 15:35:52 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121340	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470069	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192076	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	280707	20.00	ng	0.00
75) Chrysene-d12	13.89	240	203994	20.00	ng	0.00
86) Perylene-d12	15.32	264	235143	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	38747	4.84	ng	0.00
7) Phenol-d6	6.36	99	47618	4.94	ng	-0.01
23) Nitrobenzene-d5	7.28	82	27879	3.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	6217	3.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	52362	4.01	ng	0.00
78) Terphenyl-d14	12.82	244	35202	3.89	ng	0.00

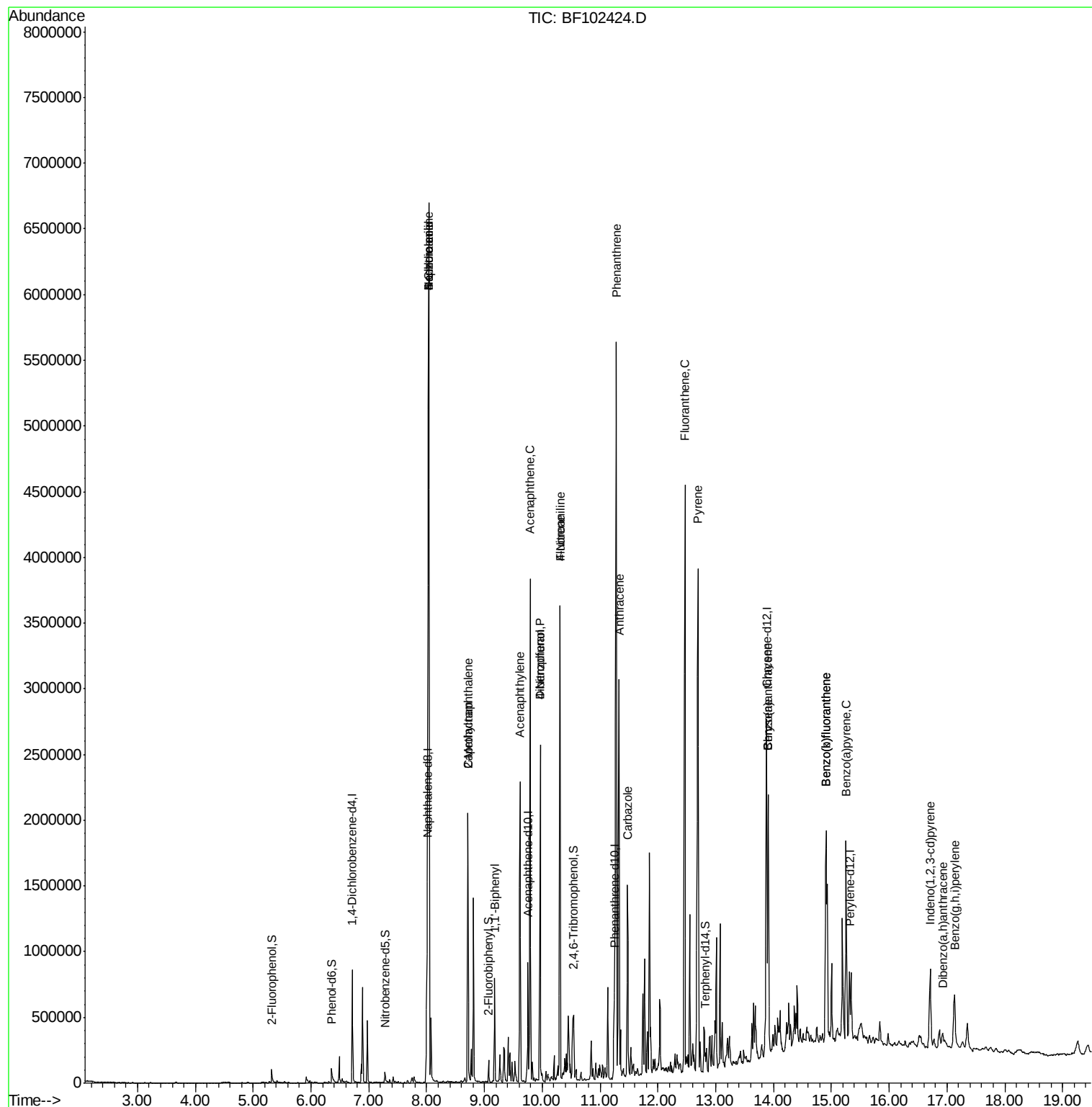
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.04	128	5112982	217.853	ng	98
32) Benzoic acid	8.04	122	12449	2.323	ng	# 1
33) 4-Chloroaniline	8.04	127	725570	73.517	ng	# 35
35) Caprolactam	8.72	113	11173	5.192	ng	# 1
37) 2-Methylnaphthalene	8.72	142	555200	35.521	ng	98
45) 1,1'-Biphenyl	9.17	154	232598	13.543	ng	98
48) Acenaphthylene	9.62	152	915116	44.000	ng	100
51) Acenaphthene	9.79	154	819043	67.430	ng	99
54) Dibenzofuran	9.96	168	1036116	63.028	ng	99
55) 4-Nitrophenol	9.96	139	400096	149.684	ng	# 10
57) Fluorene	10.31	166	1185250	90.990	ng	99
61) 4-Nitroaniline	10.31	138	13333	3.300	ng	# 23
70) Phenanthrene	11.28	178	3233890	197.702	ng	99
71) Anthracene	11.33	178	1236680	74.071	ng	99
72) Carbazole	11.47	167	572489	35.148	ng	100
74) Fluoranthene	12.47	202	2326619	139.481	ng	99
77) Pyrene	12.69	202	1842292	116.807	ng	100
80) Benzo(a)anthracene	13.91	228	758001	60.354	ng	93
82) Chrysene	13.91	228	758001	59.433	ng	97
85) Indeno(1,2,3-cd)pyrene	16.71	276	370534	35.179	ng	95
87) Benzo(b)fluoranthene	14.91	252	1372210	90.035	ng	# 95
88) Benzo(k)fluoranthene	14.91	252	1372210	95.298	ng	98
89) Benzo(a)pyrene	15.26	252	791567	57.587	ng	# 95
90) Dibenzo(a,h)anthracene	16.92	278	39333	3.533	ng	95
91) Benzo(g,h,i)perylene	17.13	276	304467	27.694	ng	99

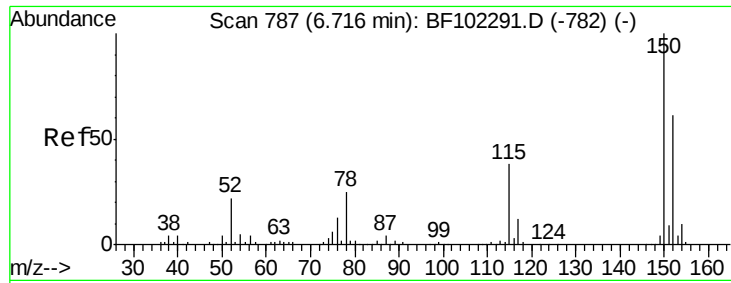
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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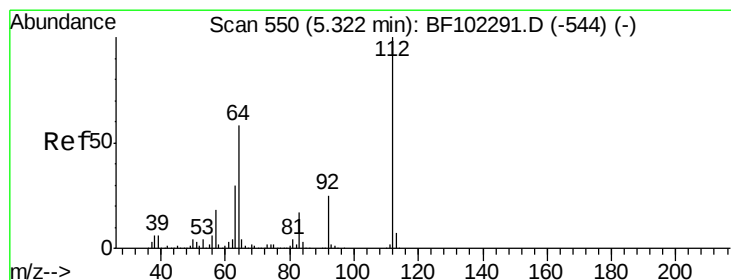
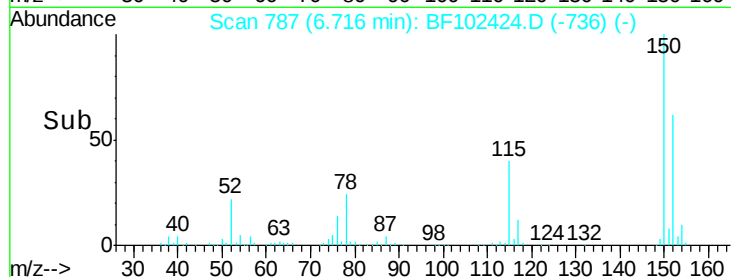
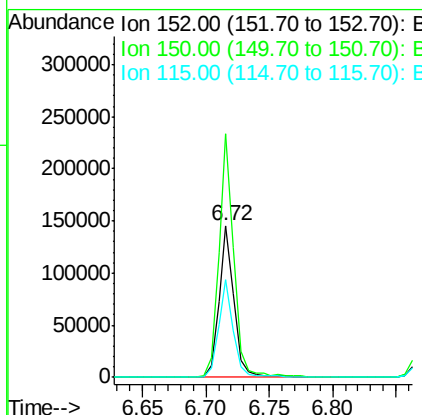
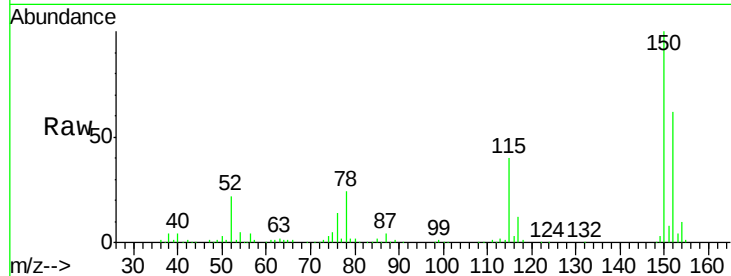




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

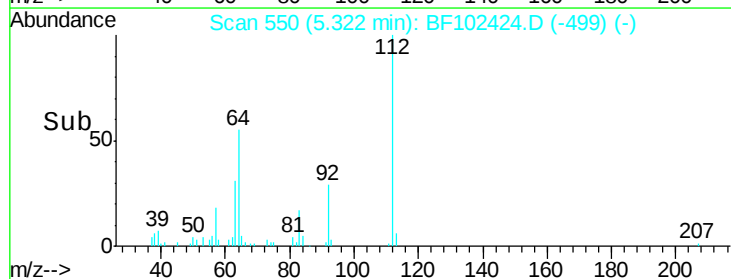
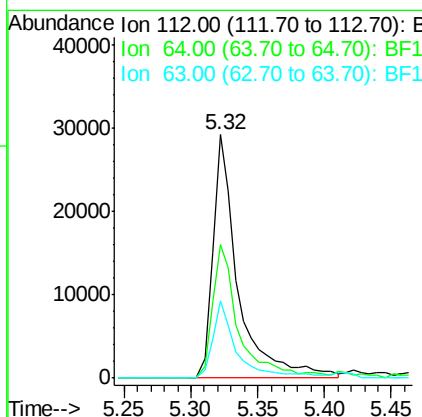
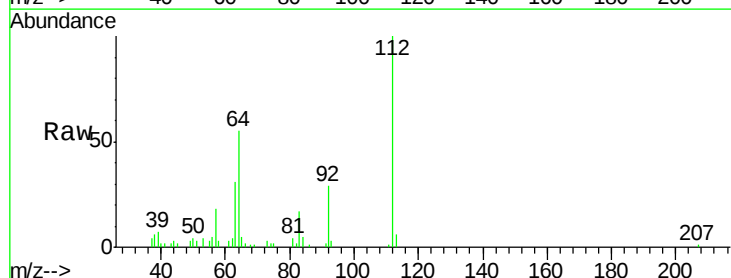
Instrument :
 BNA_F
 ClientSampleId :
 A2-SB99-BOT-8

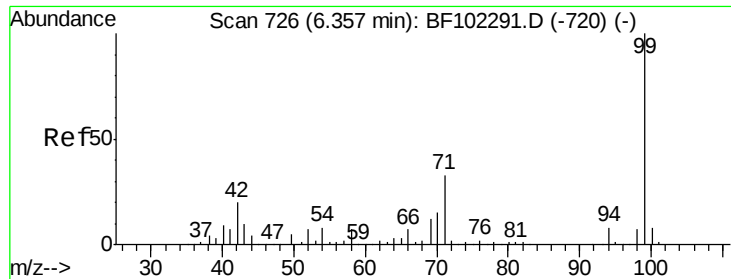
Tgt Ion:152 Resp: 121340
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 186.8
 115 64.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 4.842 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

Tgt Ion:112 Resp: 38747
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.9 71.9
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 4.936 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

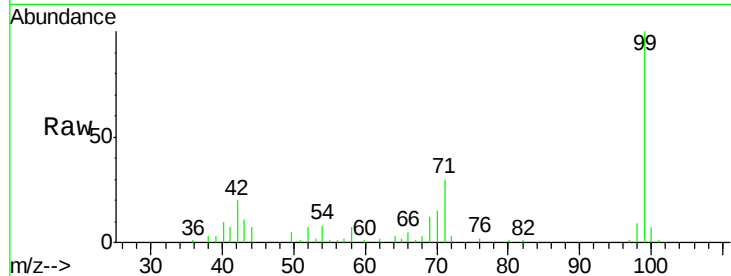
Tgt Ion: 99 Resp: 47618

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

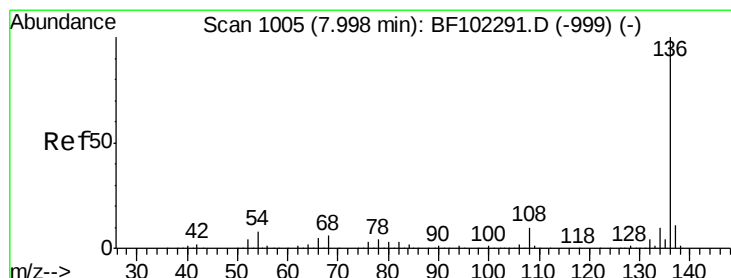
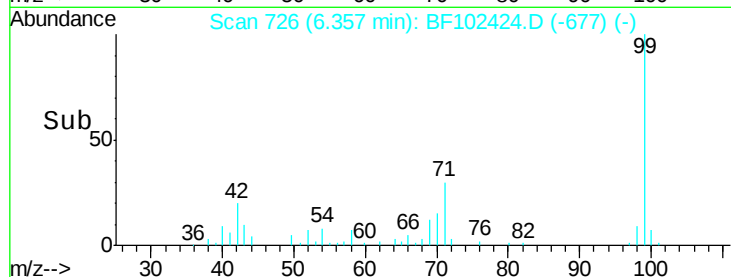
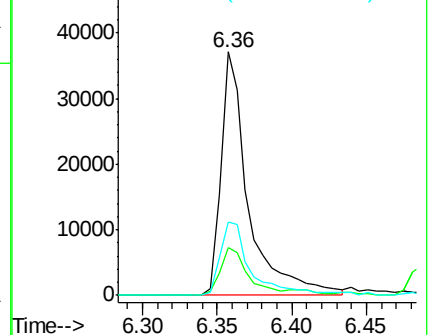
71 30.2 25.4 38.0



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: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Tgt Ion: 136 Resp: 470069

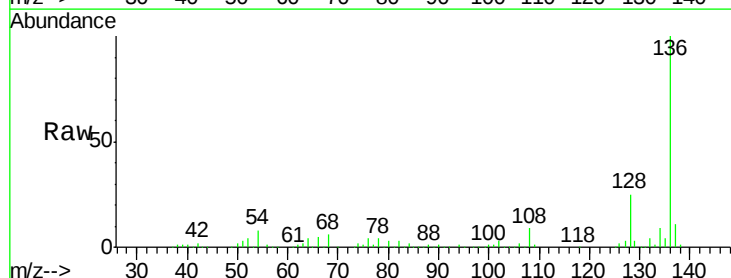
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.6 6.6 9.8

68 5.6 5.0 7.4

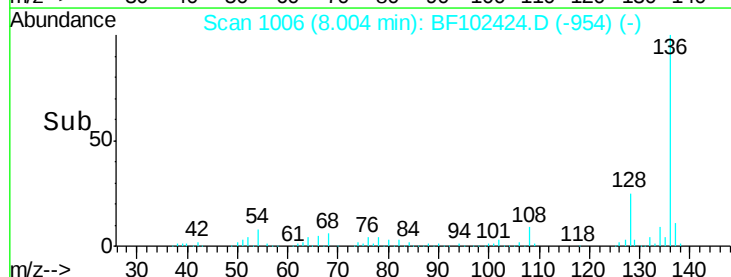
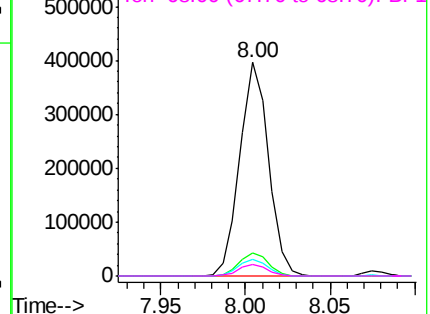


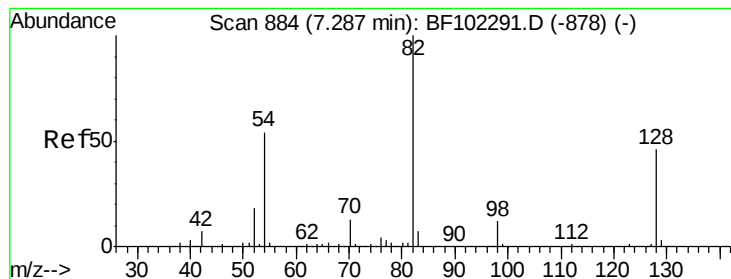
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.408 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

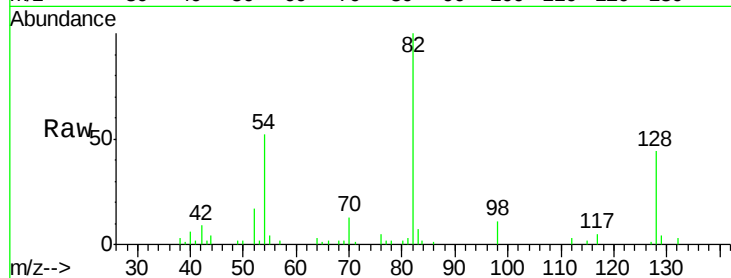
Tgt Ion: 82 Resp: 27879

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

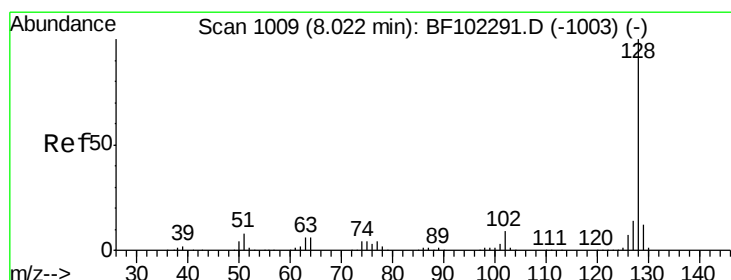
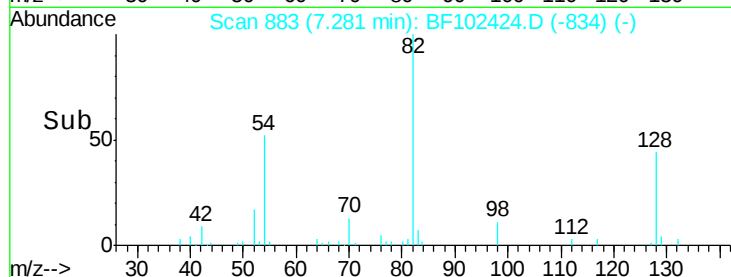
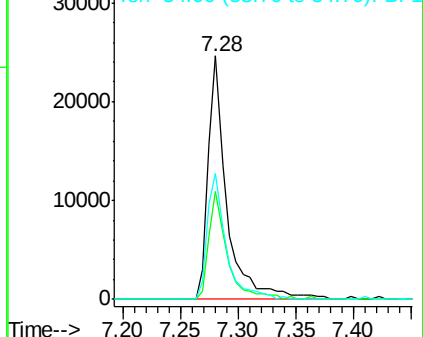
54 51.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 217.853 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

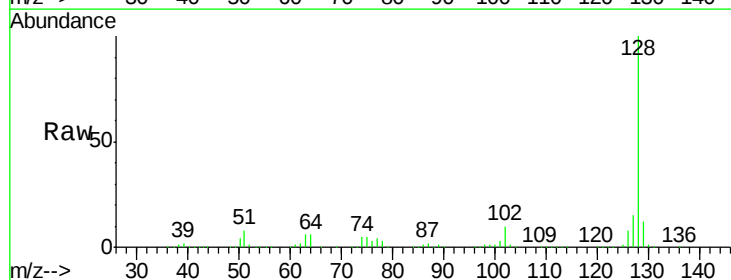
Tgt Ion: 128 Resp: 5112982

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

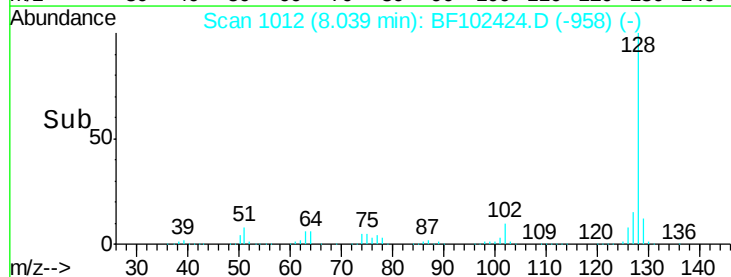
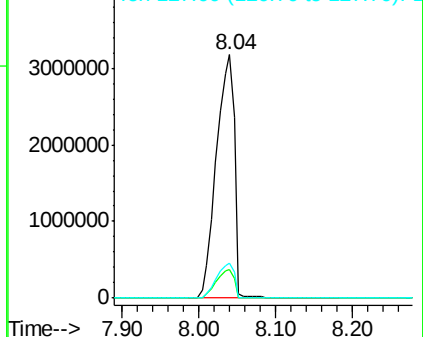
127 14.6 10.9 16.3

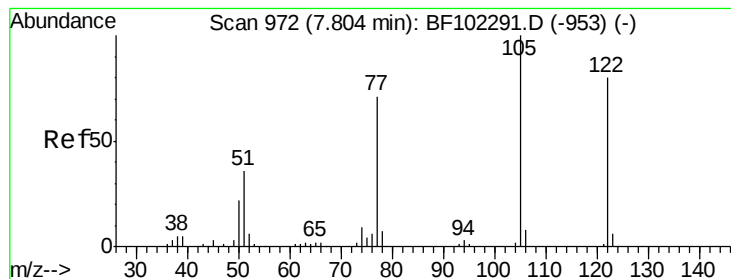


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 2.323 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.22 min

Lab File: BF102424.D

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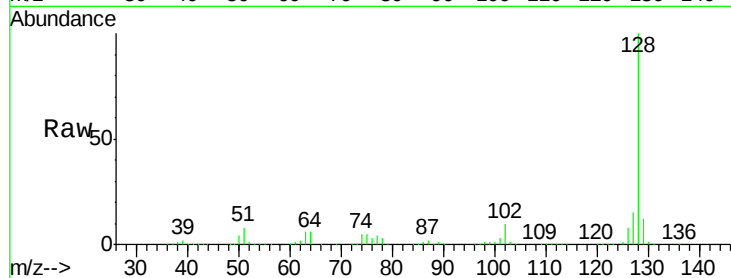
Tgt Ion:122 Resp: 12449

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

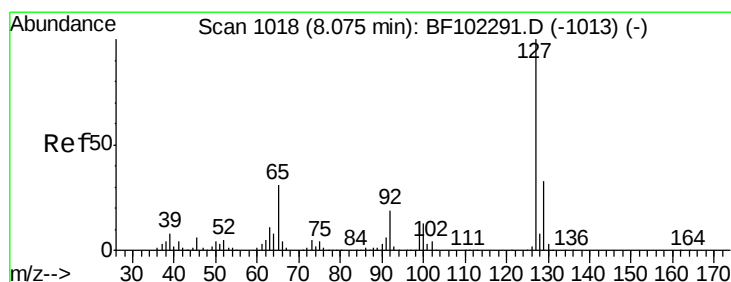
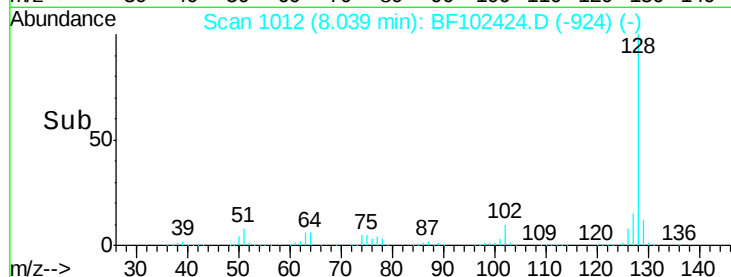
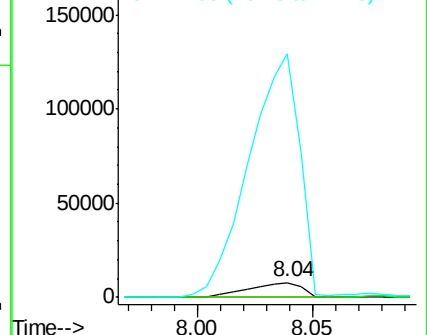
77 1655.1 70.7 110.7#



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



#33

4-Chloroaniline

Concen: 73.517 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.04 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Tgt Ion:127 Resp: 725570

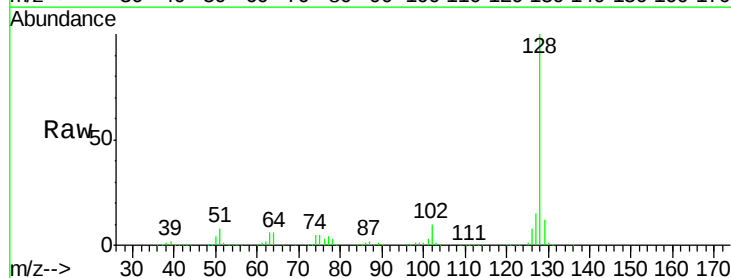
Ion Ratio Lower Upper

127 100

129 80.8 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

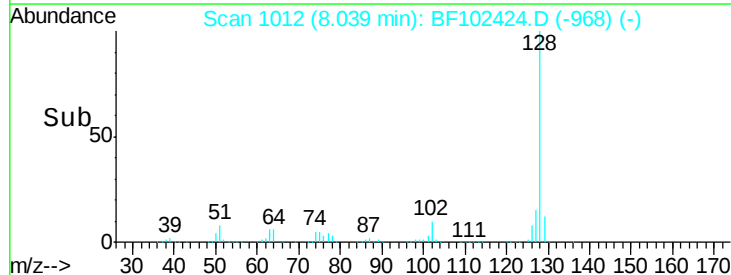
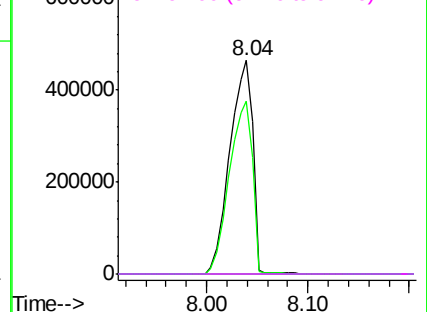


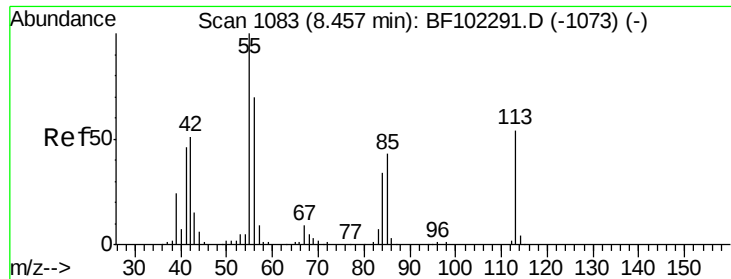
Abundance Ion 127.00 (126.70 to 127.70): E

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

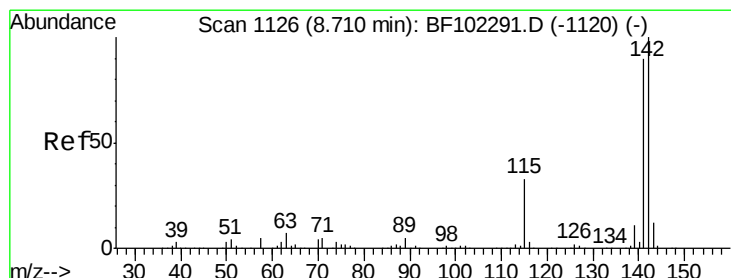
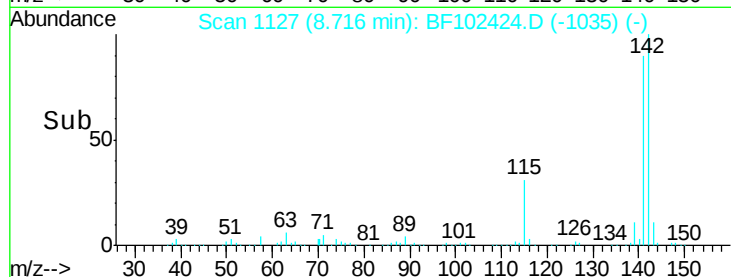
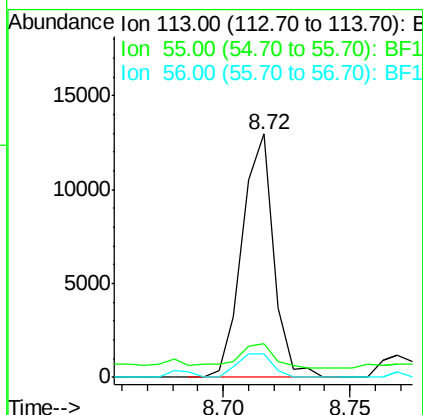
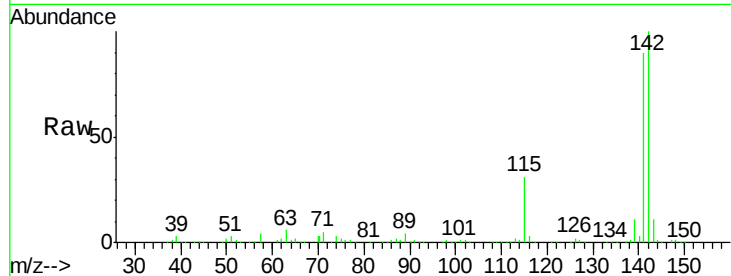




#35
 Caprolactam
 Concen: 5.192 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.24 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

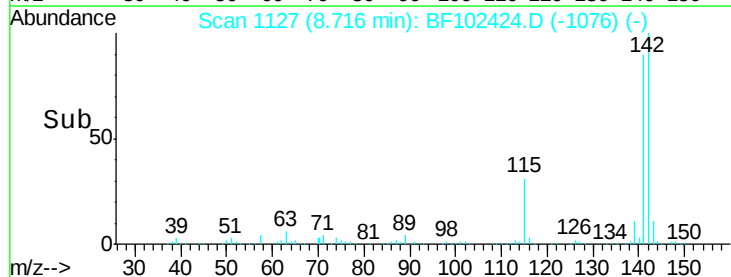
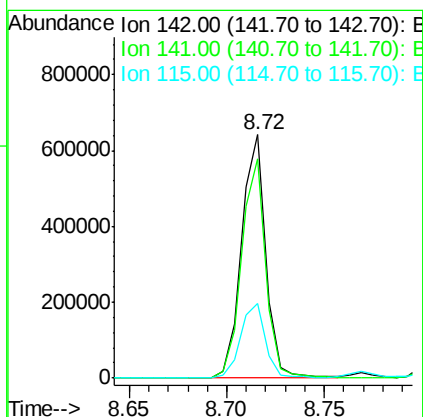
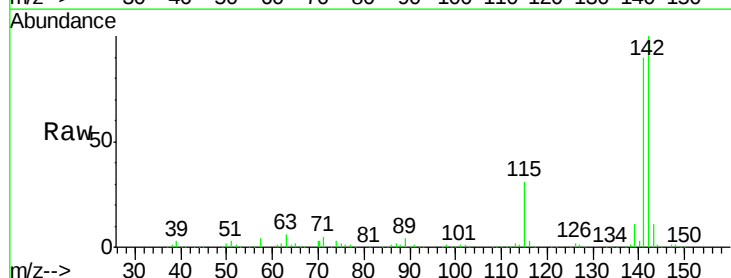
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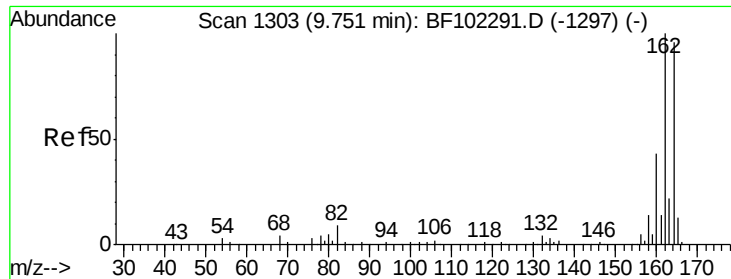
Tgt Ion:113 Resp: 11173
 Ion Ratio Lower Upper
 113 100
 55 13.7 163.3 203.3#
 56 9.4 115.7 155.7#



#37
 2-Methylnaphthalene
 Concen: 35.521 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

Tgt Ion:142 Resp: 555200
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.8 106.2
 115 30.9 26.1 39.1

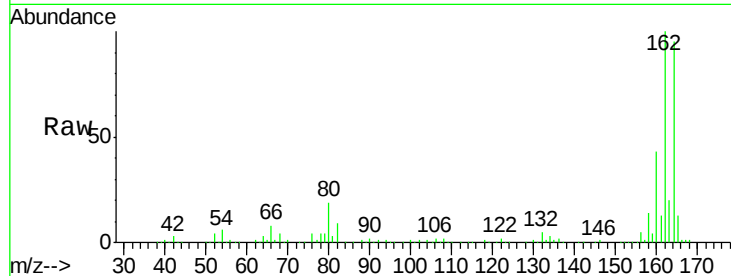




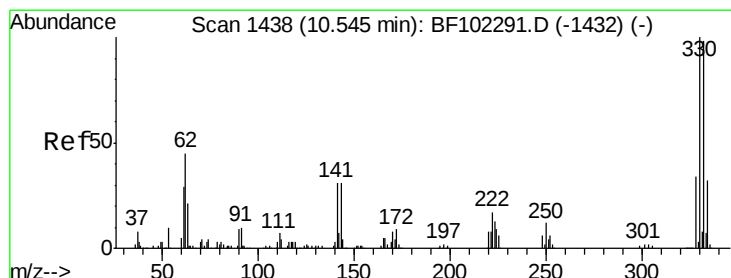
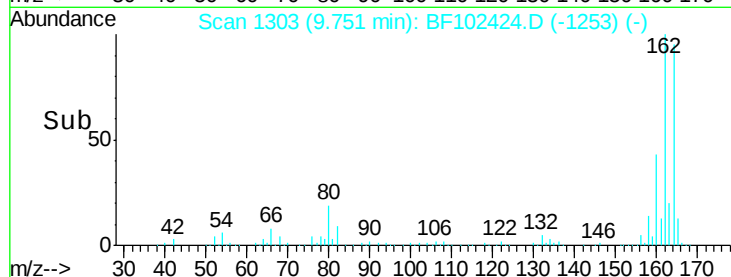
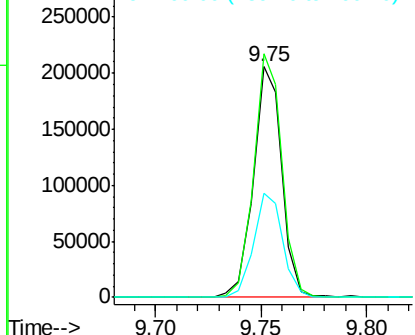
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB99-BOT-8

Tgt Ion:164 Resp: 192076
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 44.9 38.3 57.5

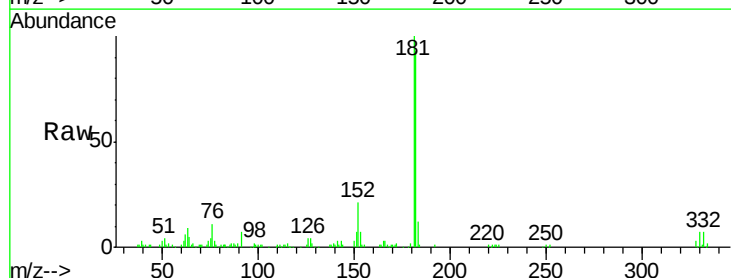


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

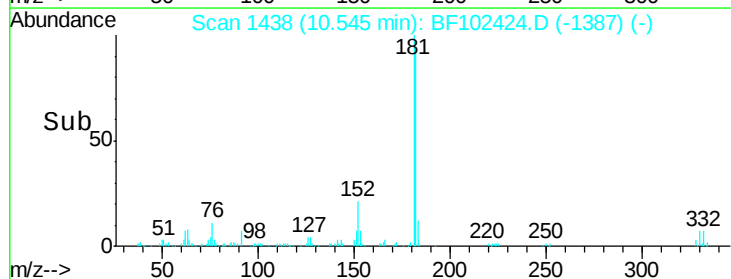
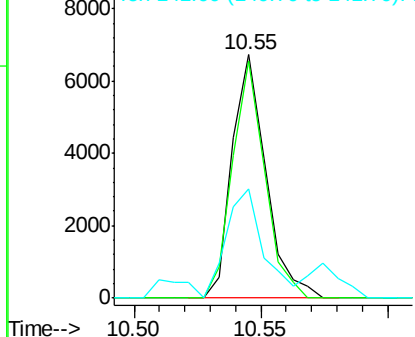


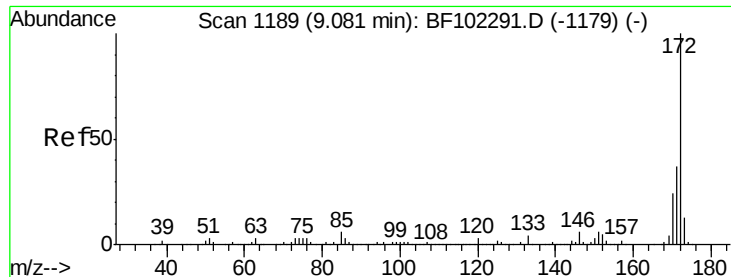
#41
 2,4,6-Tribromophenol
 Concen: 3.267 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

Tgt Ion:330 Resp: 6217
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 49.2 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

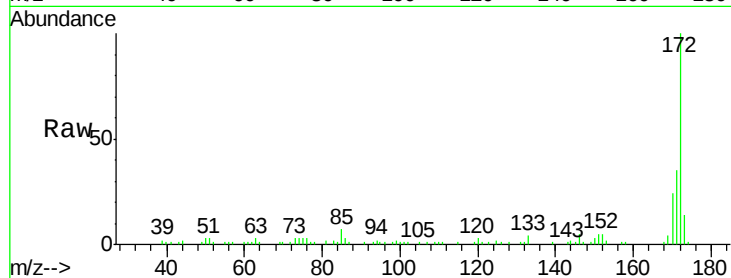




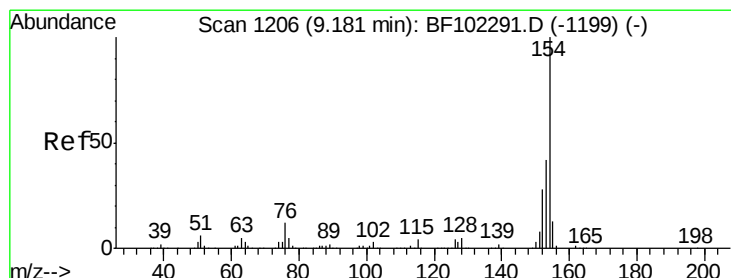
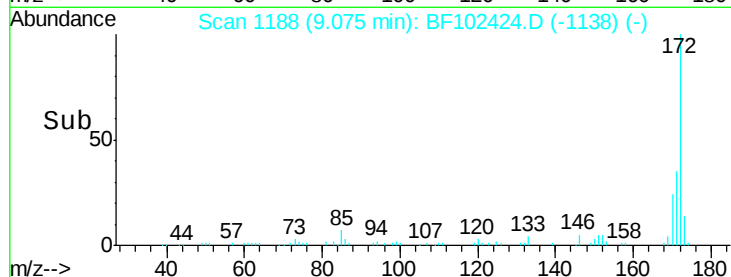
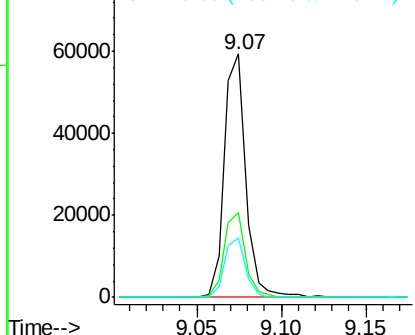
#44
2-Fluorobiphenyl
Concen: 4.008 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Instrument :
BNA_F
ClientSampleId :
A2-SB99-BOT-8

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	24.2	19.6	29.4

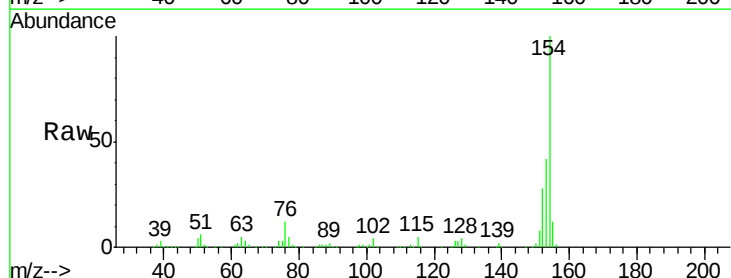


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

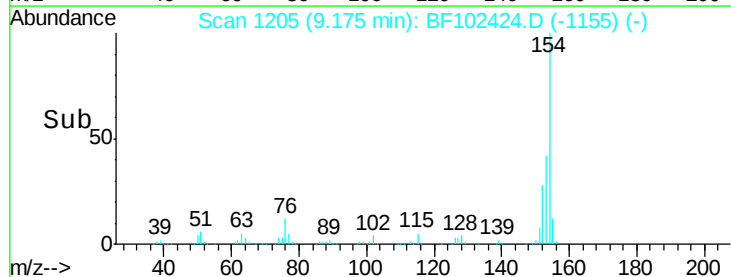
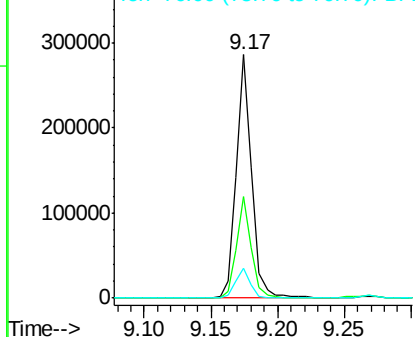


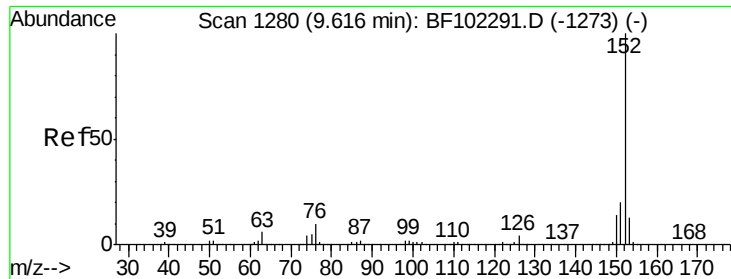
#45
1,1'-Biphenyl
Concen: 13.543 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	12.2	0.0	34.0



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

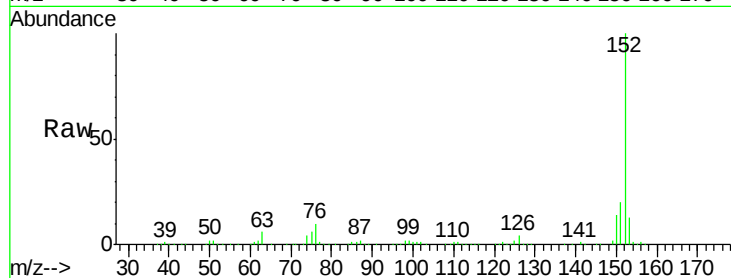




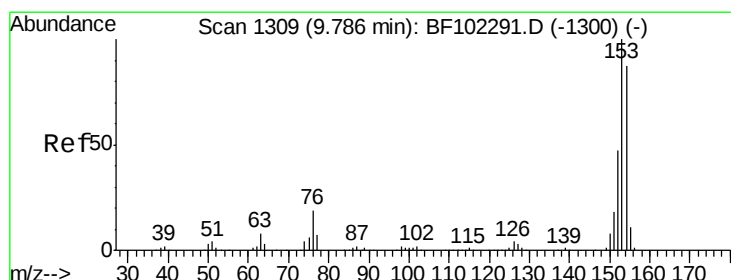
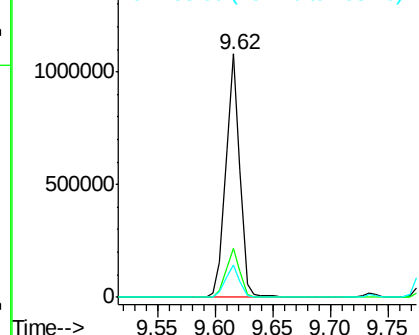
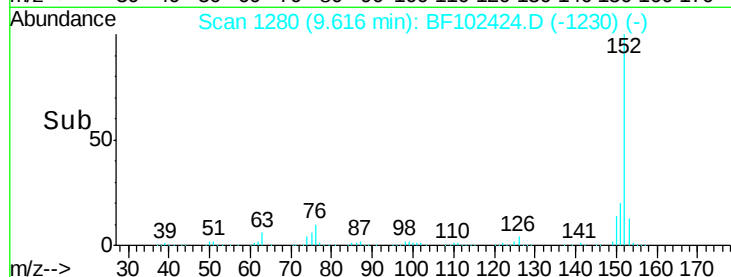
#48
Acenaphthylene
Concen: 44.000 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Instrument :
BNA_F
ClientSampleId :
A2-SB99-BOT-8

Tgt Ion:	152	Resp:	915116
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1

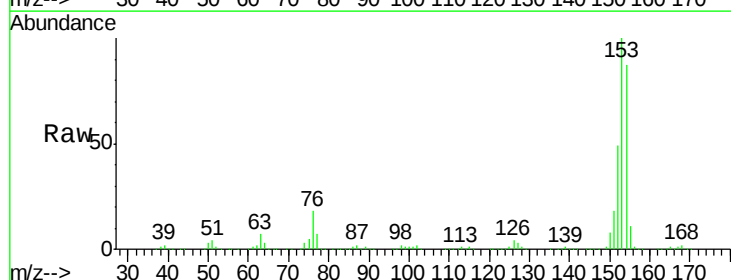


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

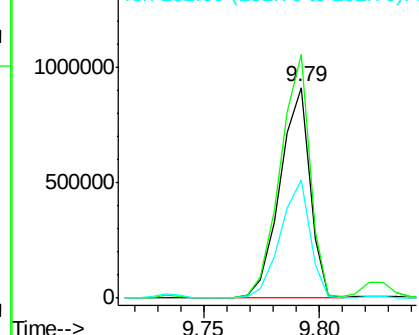
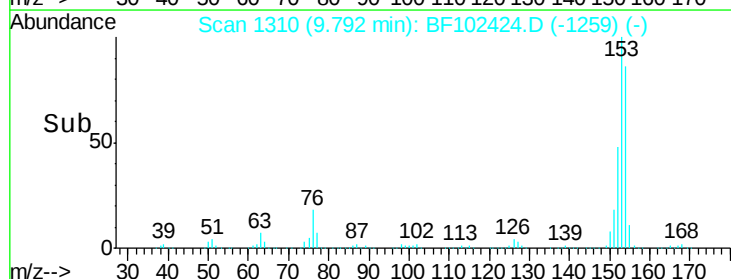


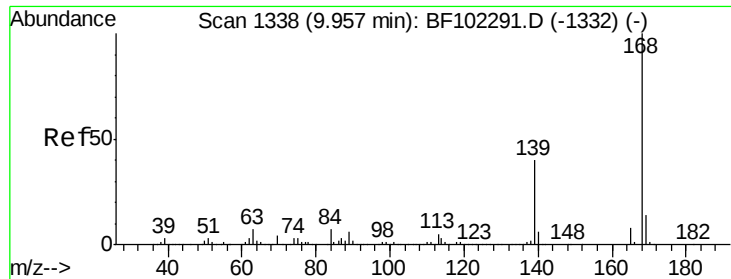
#51
Acenaphthene
Concen: 67.430 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:	154	Resp:	819043
Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	56.0	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

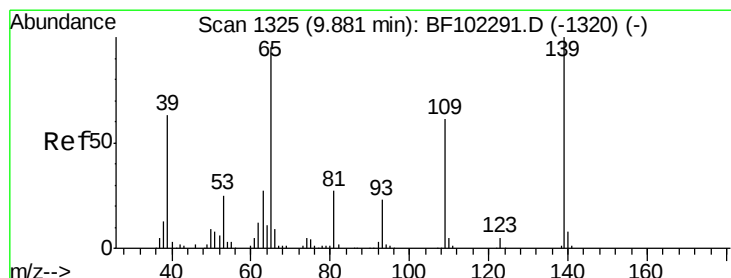
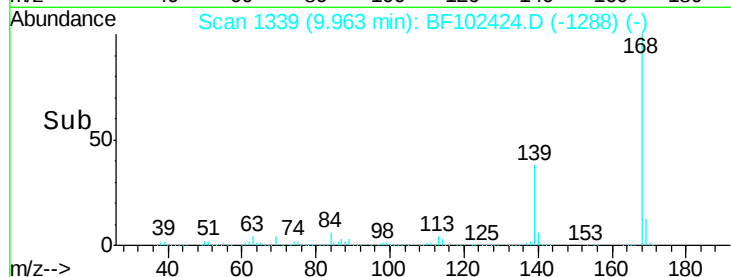
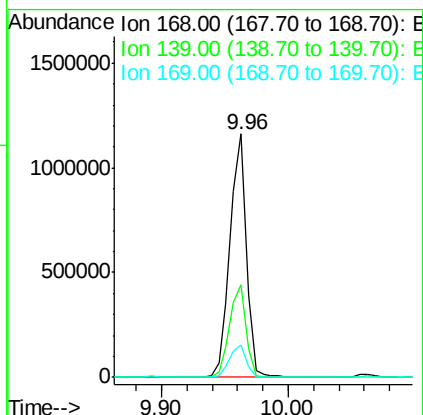
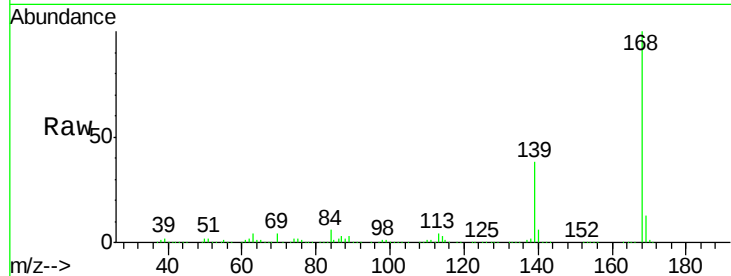




#54
Dibenzofuran
Concen: 63.028 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

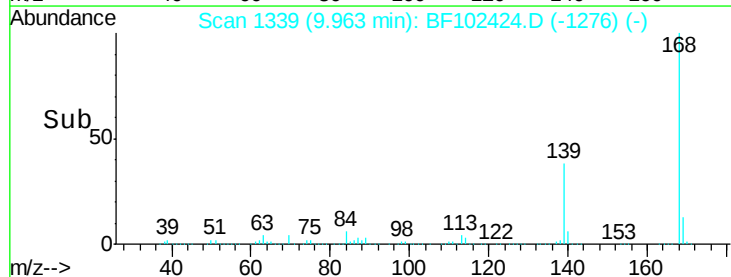
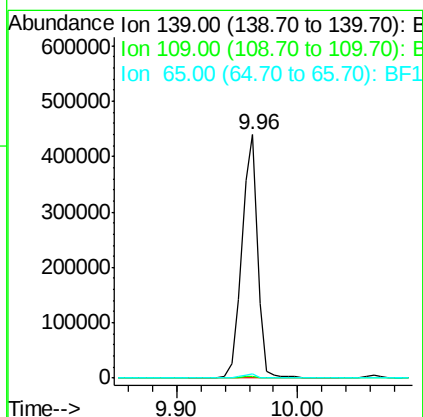
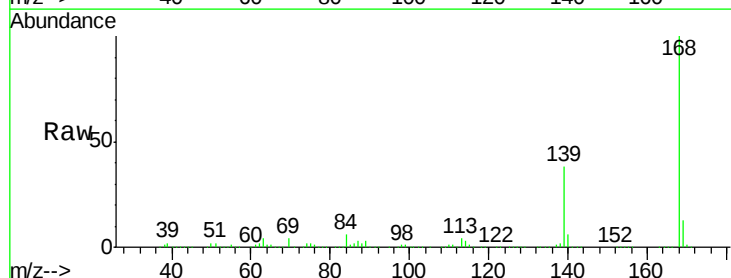
Instrument :
BNA_F
ClientSampleId :
A2-SB99-BOT-8

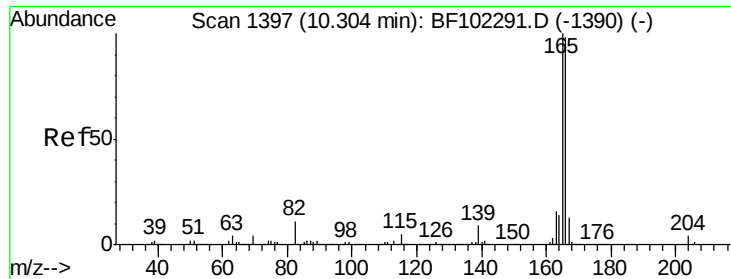
Tgt Ion:168 Resp: 1036116
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.2 10.9 16.3



#55
4-Nitrophenol
Concen: 149.684 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.07 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:139 Resp: 400096
Ion Ratio Lower Upper
139 100
109 0.7 48.4 88.4#
65 1.5 72.6 112.6#





#57

Fluorene

Concen: 90.990 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

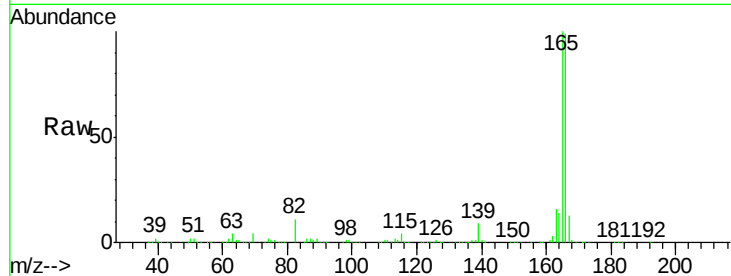
Tgt Ion:166 Resp: 1185250

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

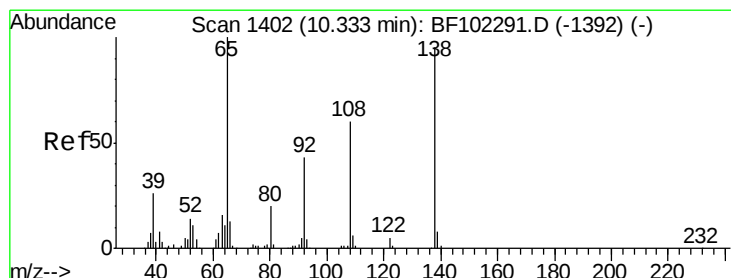
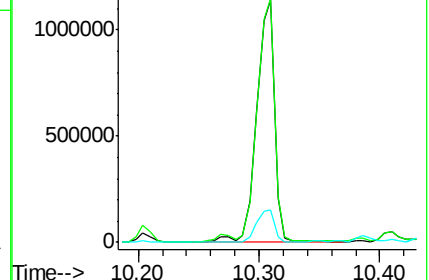
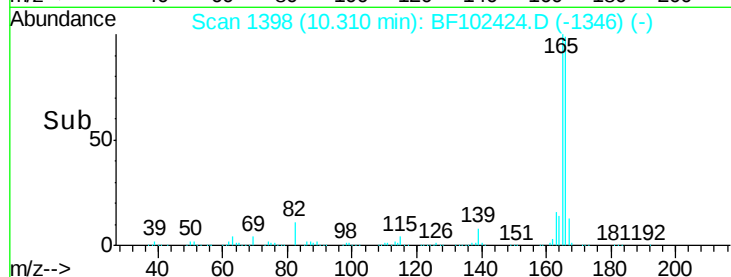
167 13.2 10.6 16.0



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



#61

4-Nitroaniline

Concen: 3.300 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.03 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

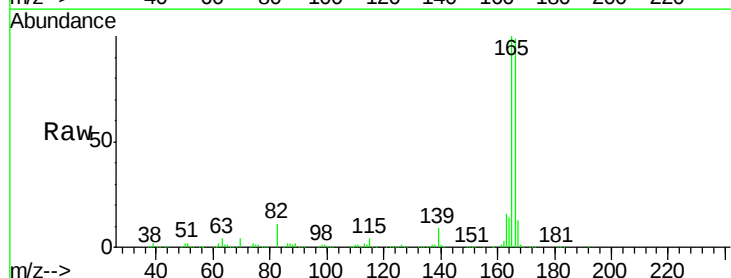
Tgt Ion:138 Resp: 13333

Ion Ratio Lower Upper

138 100

92 3.0 30.2 70.2#

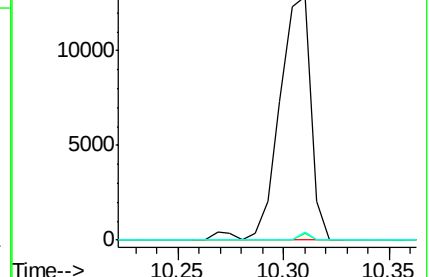
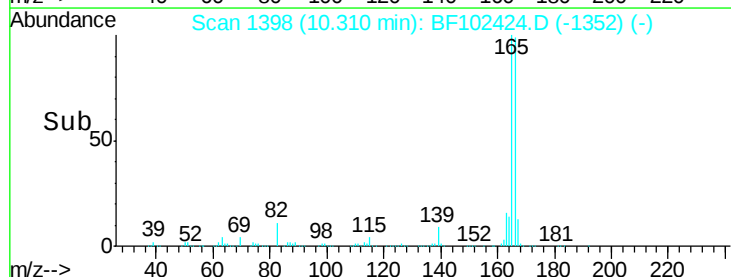
108 3.4 52.5 92.5#

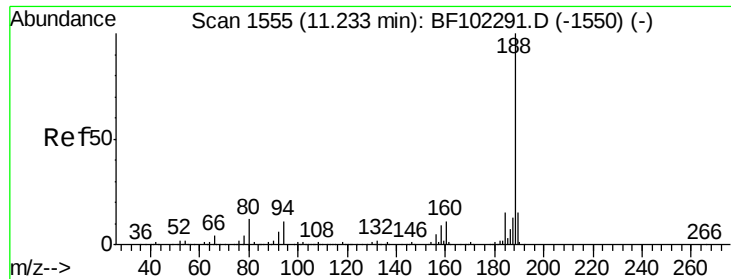


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

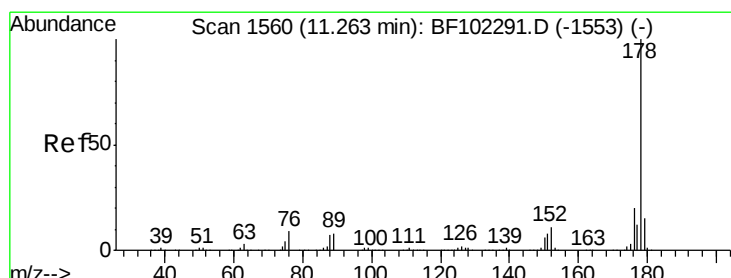
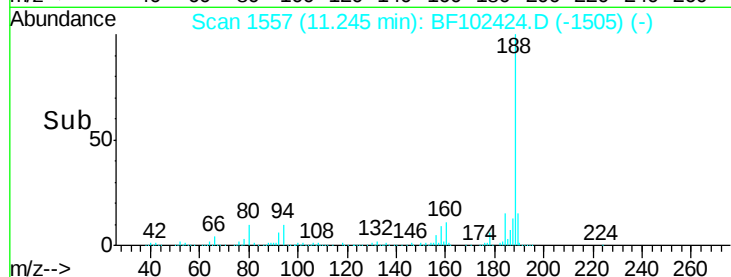
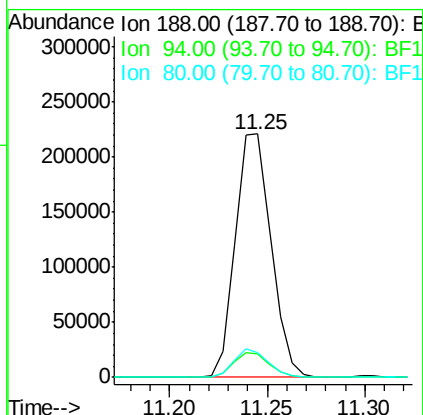
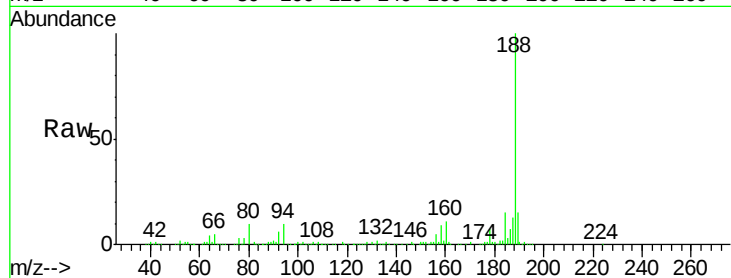




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

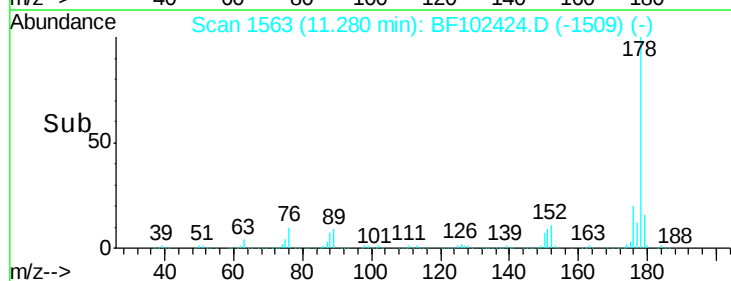
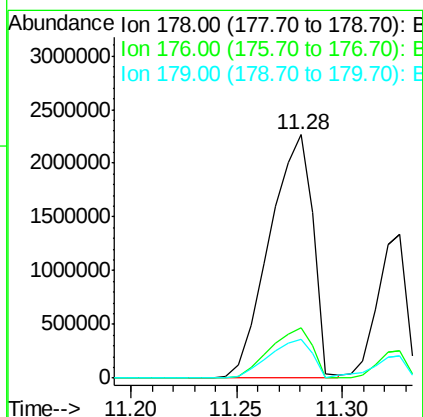
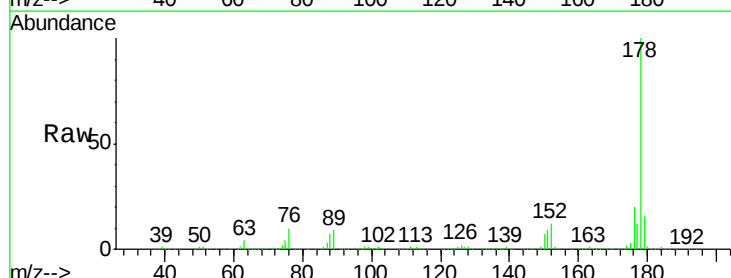
Instrument :
BNA_F
ClientSampleId :
A2-SB99-BOT-8

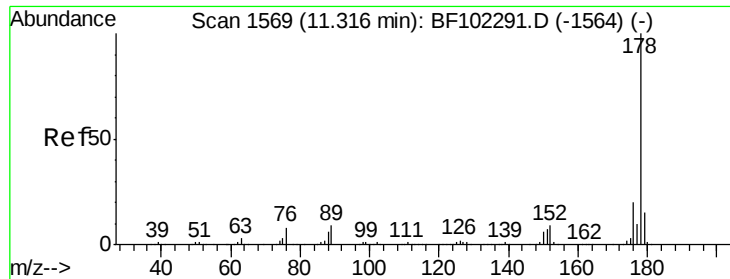
Tgt Ion:188 Resp: 280707
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8



#70
Phenanthrene
Concen: 197.702 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.02 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:178 Resp: 3233890
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.8
179 15.8 13.0 19.6

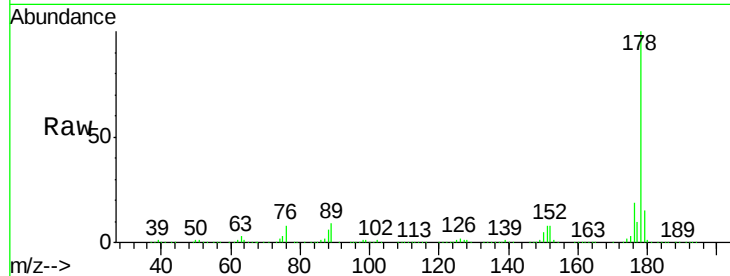




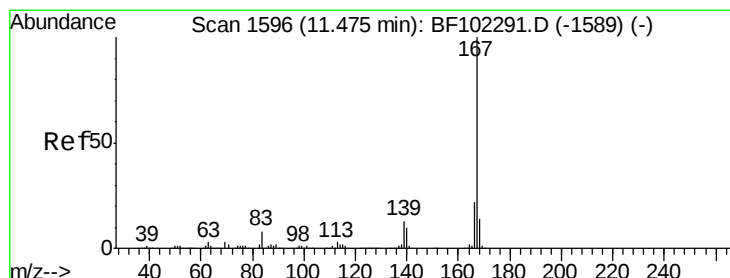
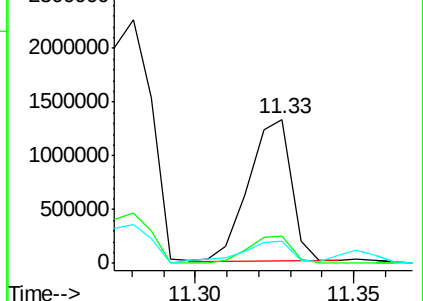
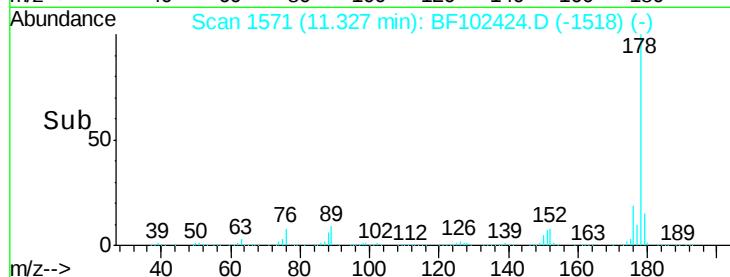
#71
 Anthracene
 Concen: 74.071 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB99-BOT-8

Tgt Ion:178 Resp: 1236680
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0

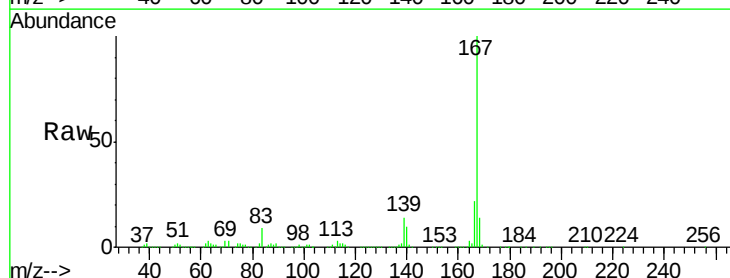


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

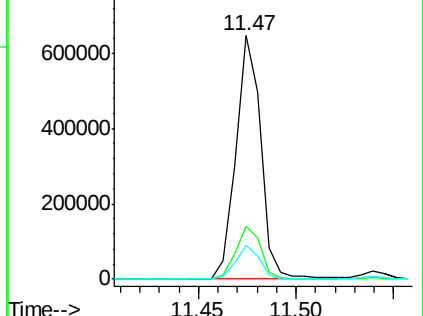
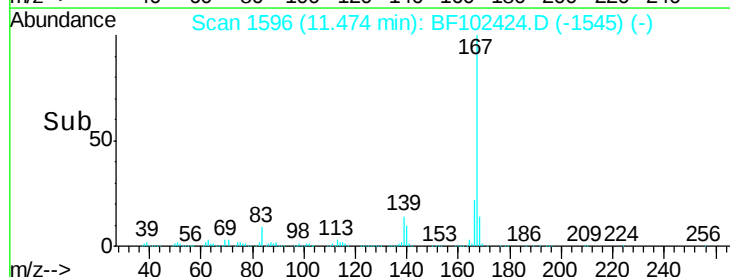


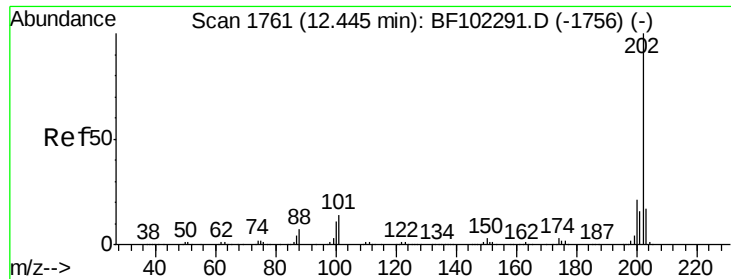
#72
 Carbazole
 Concen: 35.148 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102424.D
 Acq: 25 Jan 2018 14:19

Tgt Ion:167 Resp: 572489
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.7 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: 139.481 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

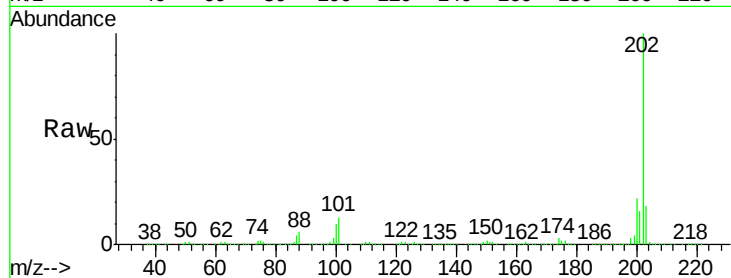
Tgt Ion:202 Resp: 2326619

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

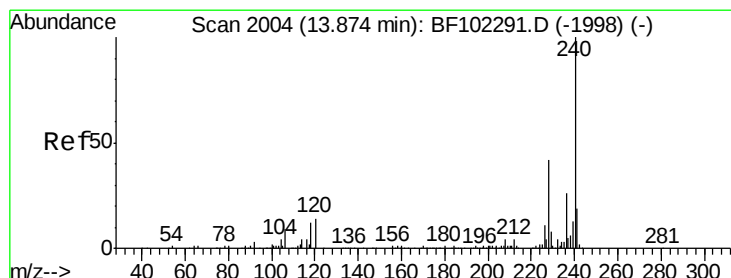
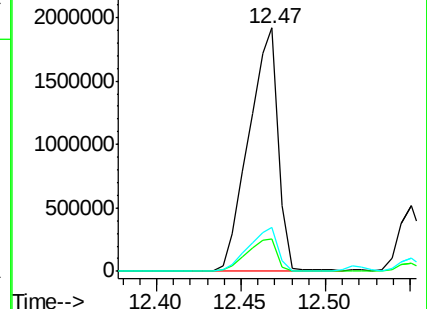
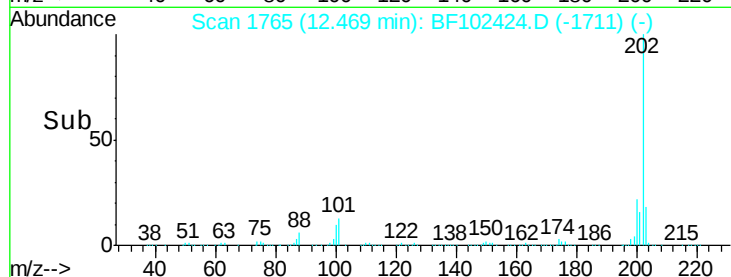
203 17.9 0.0 38.1



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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

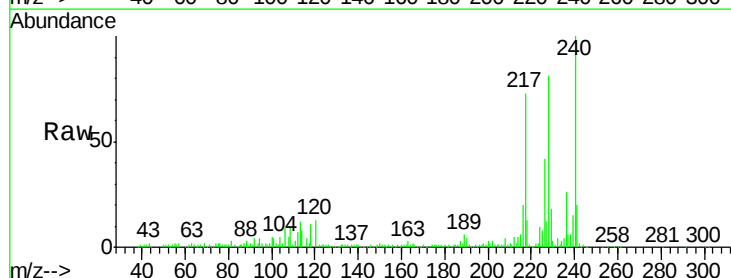
Tgt Ion:240 Resp: 203994

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

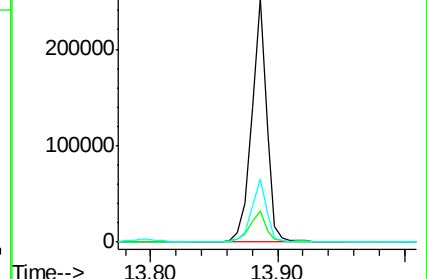
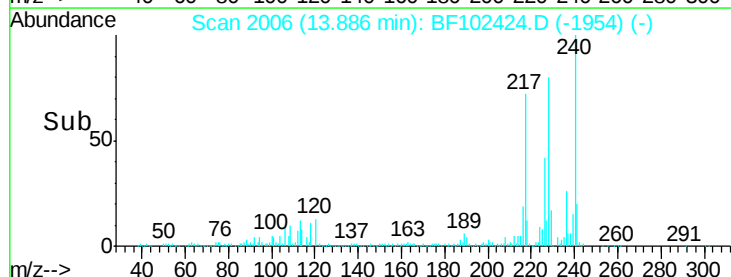
236 26.2 20.7 31.1

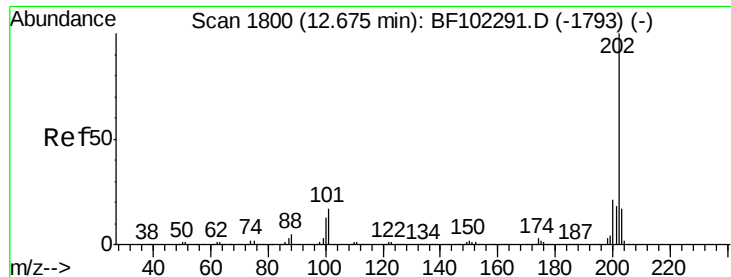


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 116.807 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

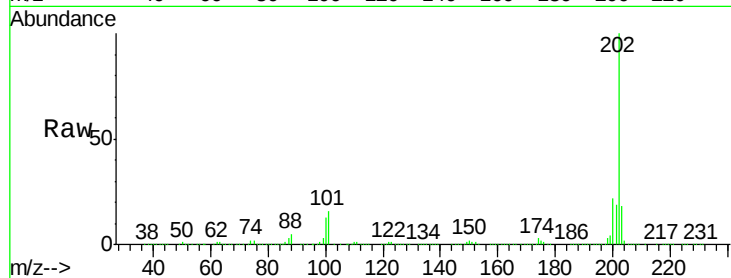
Tgt Ion:202 Resp: 1842292

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

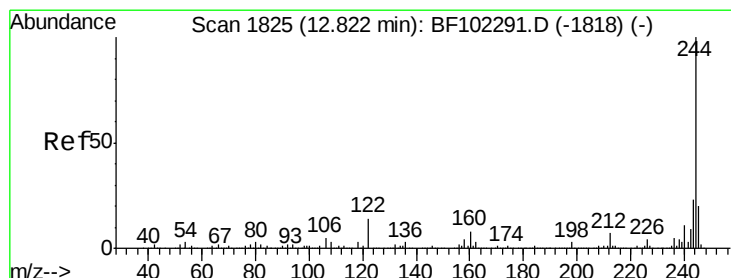
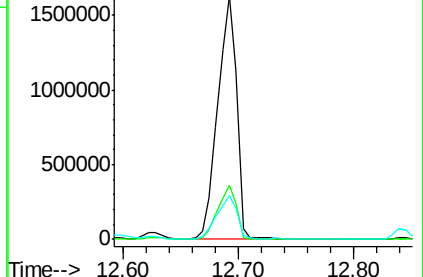
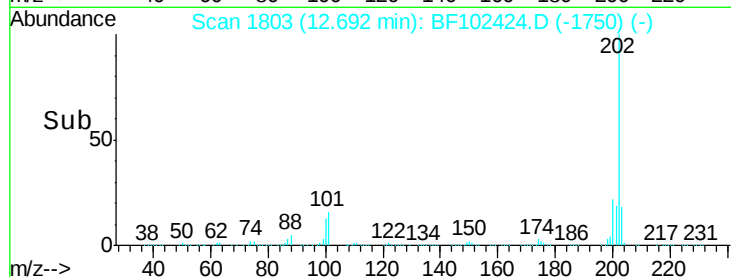
203 18.1 14.3 21.5



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: 3.890 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

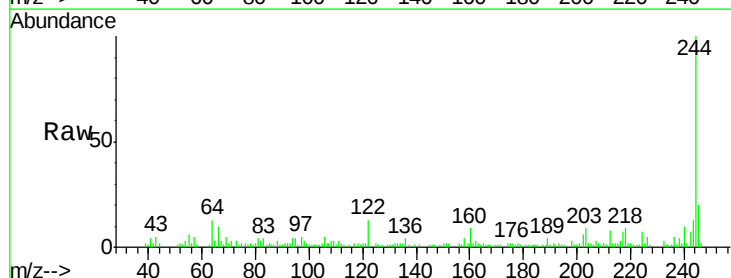
Tgt Ion:244 Resp: 35202

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

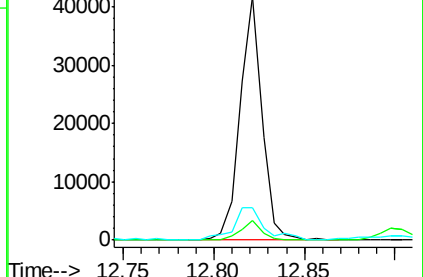
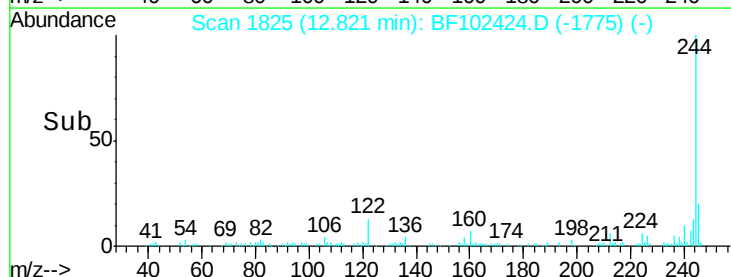
122 13.4 11.0 16.4

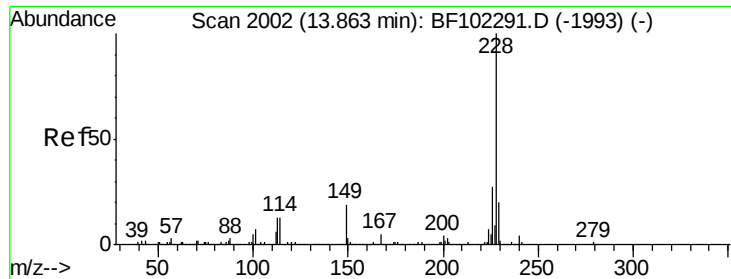


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

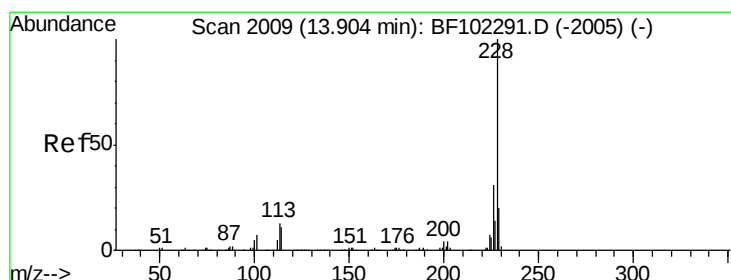
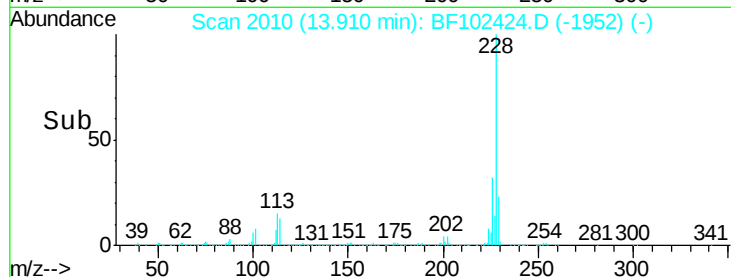
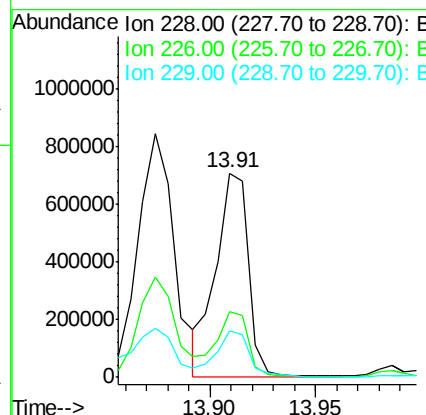
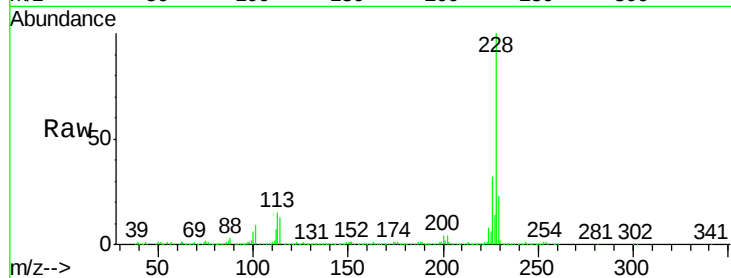




#80
Benzo(a)anthracene
Concen: 60.354 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.04 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

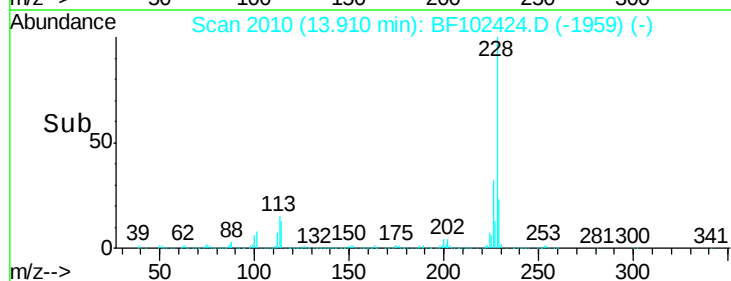
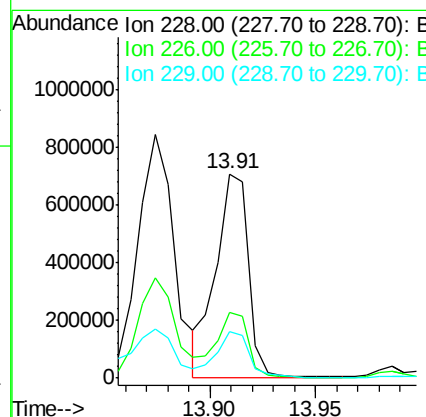
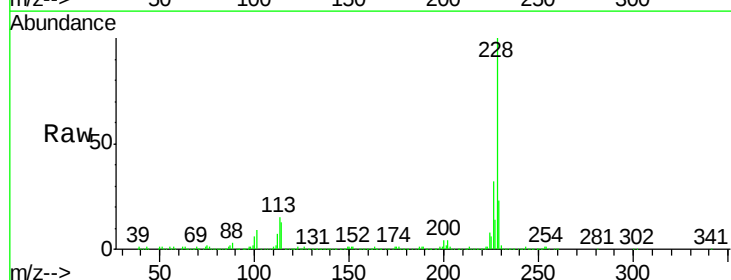
Instrument :
BNA_F
ClientSampleId :
A2-SB99-BOT-8

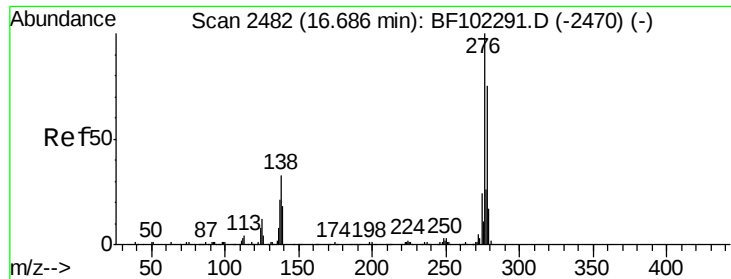
Tgt Ion:228 Resp: 758001
Ion Ratio Lower Upper
228 100
226 32.0 22.6 33.8
229 22.9 15.8 23.6



#82
Chrysene
Concen: 59.433 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF102424.D
Acq: 25 Jan 2018 14:19

Tgt Ion:228 Resp: 758001
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.6
229 22.9 16.2 24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.179 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

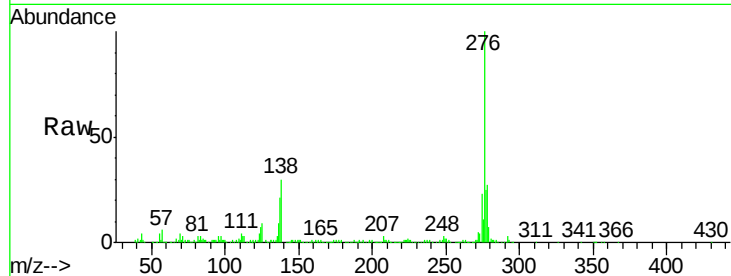
Tgt Ion:276 Resp: 370534

Ion Ratio Lower Upper

276 100

138 27.3 25.0 37.6

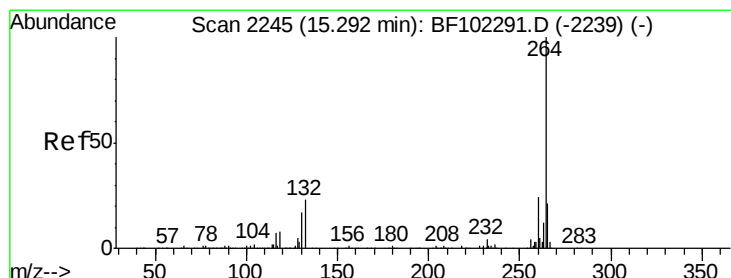
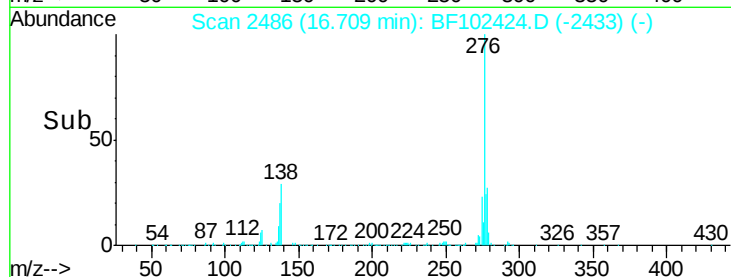
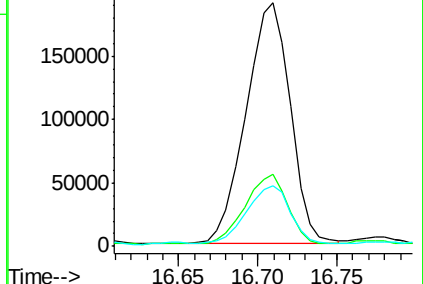
277 23.7 20.1 30.1



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: 15.32 min Scan# 2249

Delta R.T. 0.02 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

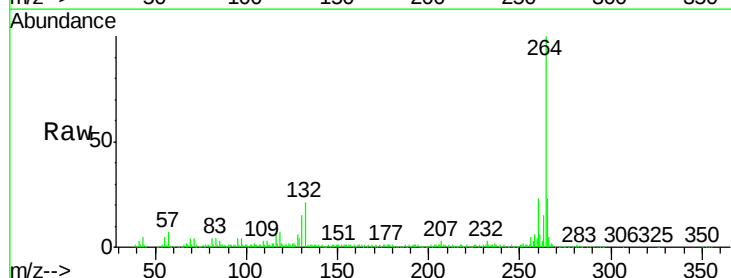
Tgt Ion:264 Resp: 235143

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

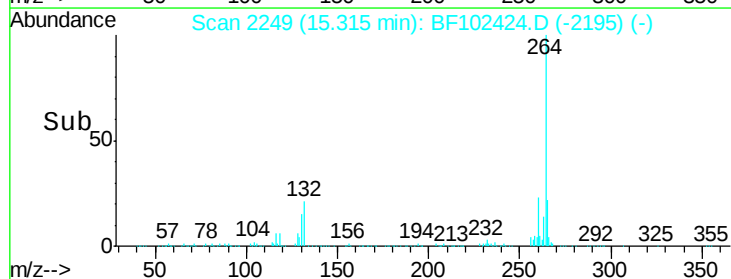
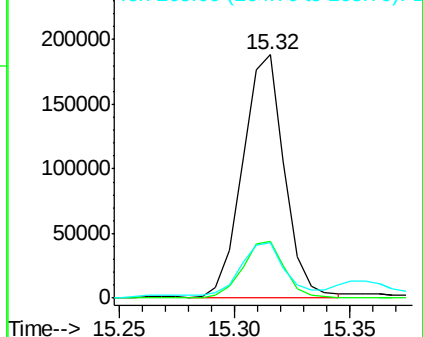
265 22.6 17.5 26.3

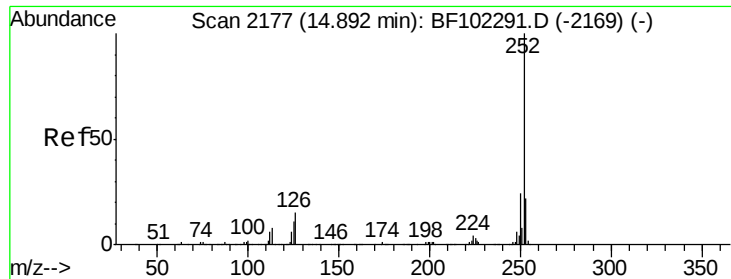


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 90.035 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

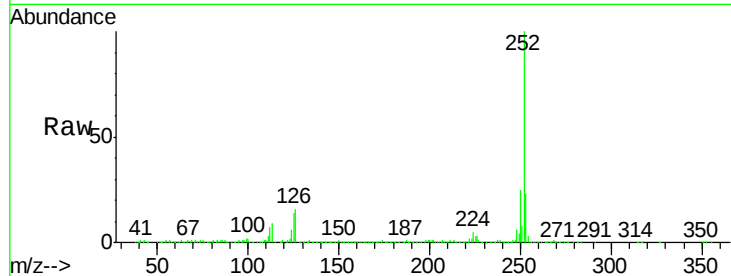
Tgt Ion:252 Resp: 1372210

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

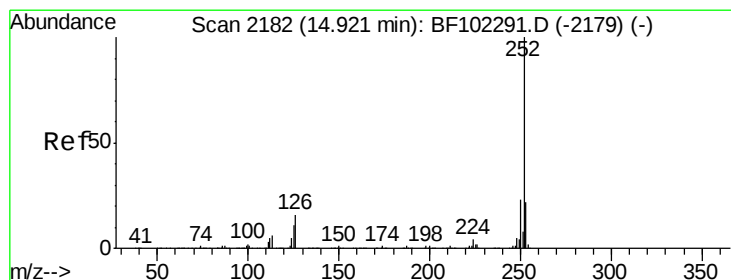
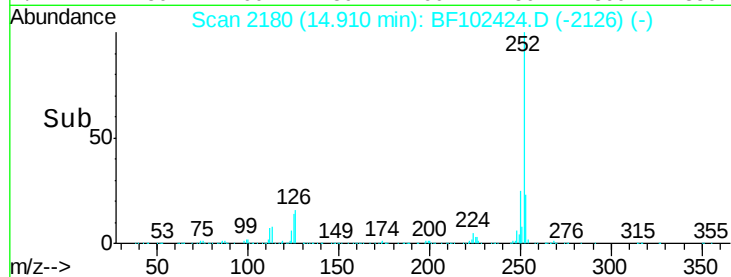
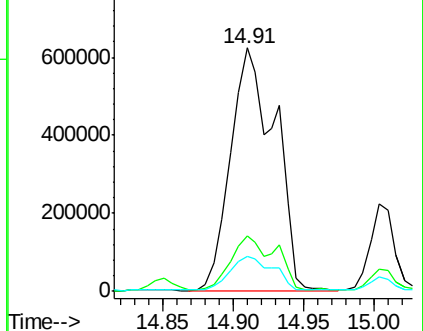
125 14.2 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 95.298 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

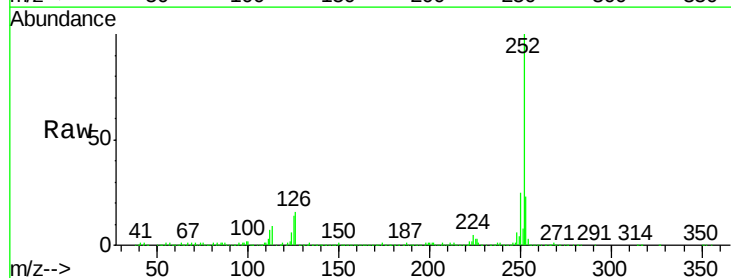
Tgt Ion:252 Resp: 1372210

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

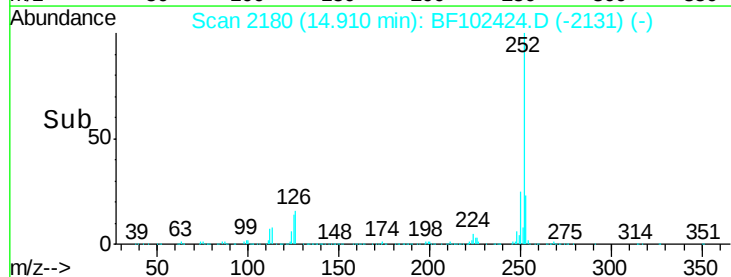
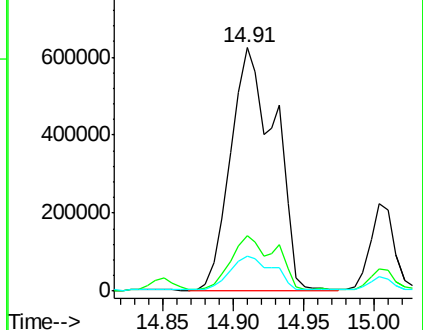
125 14.2 10.2 15.2

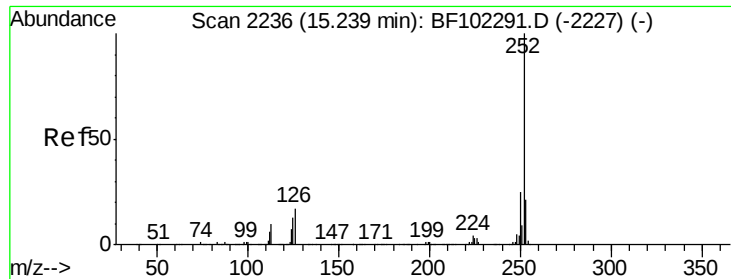


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.587 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8

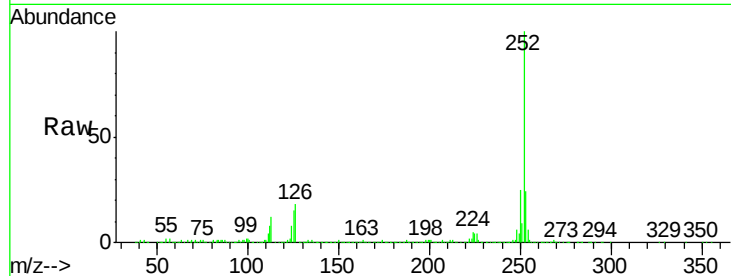
Tgt Ion:252 Resp: 791567

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

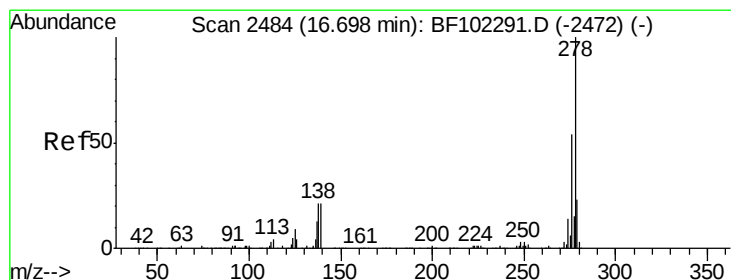
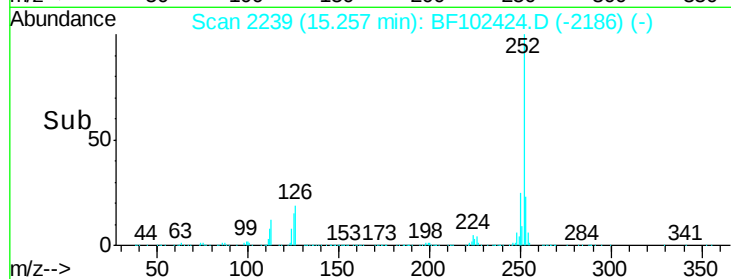
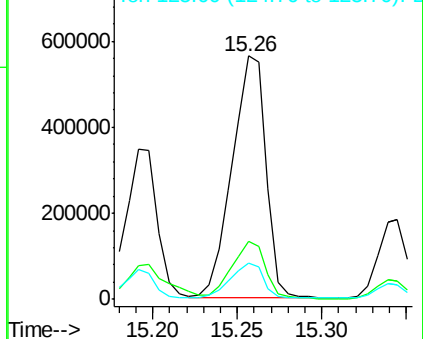
125 14.8 9.8 14.6#



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: 3.533 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.21 min

Lab File: BF102424.D

Acq: 25 Jan 2018 14:19

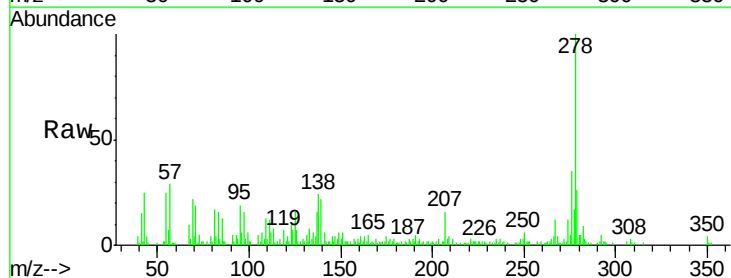
Tgt Ion:278 Resp: 39333

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

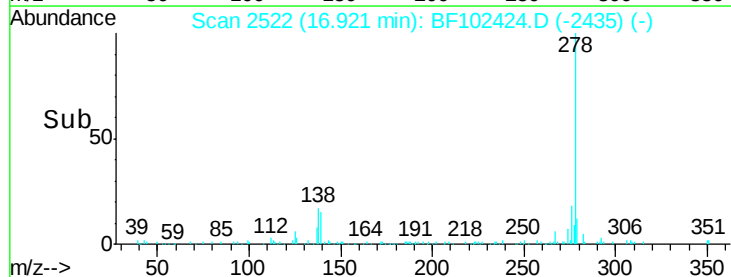
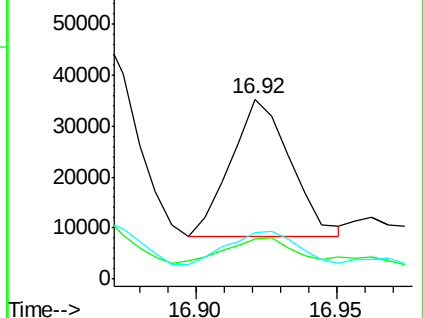
279 26.1 19.0 28.4

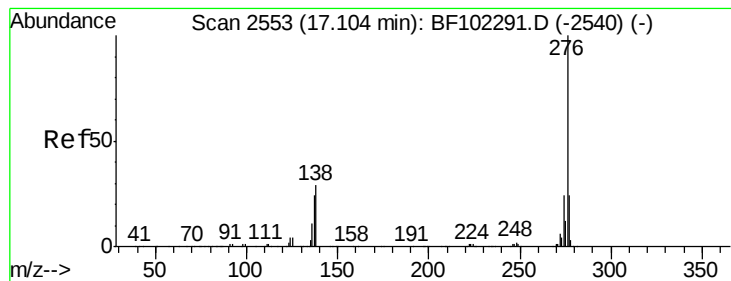


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 27.694 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF102424.D

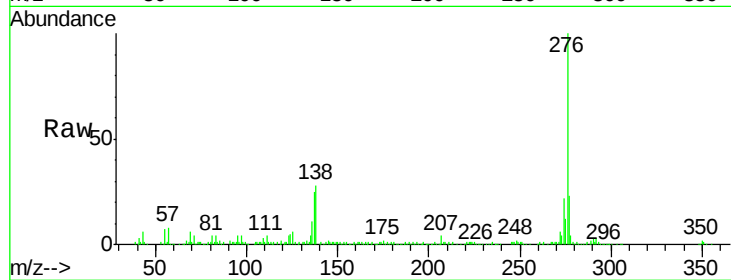
Acq: 25 Jan 2018 14:19

Instrument :

BNA_F

ClientSampleId :

A2-SB99-BOT-8



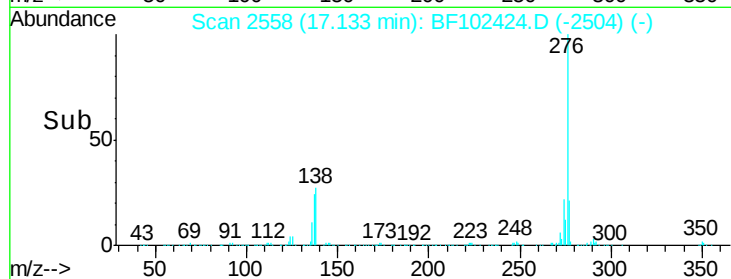
Tgt Ion: 276 Resp: 304467

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 28.0 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

