

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102425.D
 Acq On : 25 Jan 2018 14:46
 Operator : SJ/JU
 Sample : J1308-02 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB70-E-N-8

Quant Time: Jan 25 15:36:23 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	118697	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	459476	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	173542	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	242131	20.00	ng	0.00
75) Chrysene-d12	13.88	240	220978	20.00	ng	0.00
86) Perylene-d12	15.31	264	244063	20.00	ng	0.01

System Monitoring Compounds

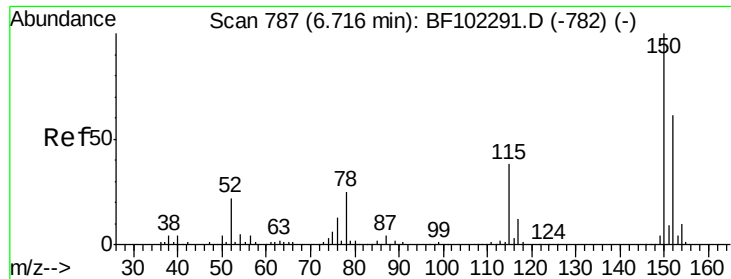
5) 2-Fluorophenol	5.33	112	2022	0.26	ng	0.01
7) Phenol-d6	6.37	99	3282	0.35	ng	0.00
23) Nitrobenzene-d5	7.28	82	1879	0.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	368	0.21	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	4236	0.36	ng	0.00
78) Terphenyl-d14	12.82	244	4180	0.43	ng	0.00

Target Compounds

						Qvalue
31) Naphthalene	8.03	128	3505410	152.802	ng	98
33) 4-Chloroaniline	8.03	127	486558	50.436	ng	# 34
35) Caprolactam	8.72	113	15048	7.153	ng	# 1
37) 2-Methylnaphthalene	8.72	142	712728	46.651	ng	99
45) 1,1'-Biphenyl	9.17	154	188491	12.147	ng	97
48) Acenaphthylene	9.62	152	235056	12.509	ng	99
51) Acenaphthene	9.79	154	675839	61.583	ng	100
54) Dibenzofuran	9.96	168	680904	45.844	ng	98
55) 4-Nitrophenol	9.96	139	258233	106.928	ng	# 10
57) Fluorene	10.30	166	720149	61.189	ng	100
61) 4-Nitroaniline	10.30	138	7946	2.177	ng	# 22
70) Phenanthrene	11.27	178	1887603	133.782	ng	98
71) Anthracene	11.32	178	654080	45.418	ng	99
72) Carbazole	11.47	167	212725	15.141	ng	99
74) Fluoranthene	12.46	202	1339620	93.105	ng	99
77) Pyrene	12.69	202	1058715	61.967	ng	99
80) Benzo(a)anthracene	13.91	228	478833	35.196	ng	95
82) Chrysene	13.91	228	478833	34.659	ng	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	181281	15.888	ng	95
87) Benzo(b)fluoranthene	14.90	252	800897	50.629	ng	# 94
88) Benzo(k)fluoranthene	14.90	252	800897	53.588	ng	97
89) Benzo(a)pyrene	15.25	252	452603	31.724	ng	96
90) Dibenzo(a,h)anthracene	16.52	278	36062	3.120	ng	93
91) Benzo(g,h,i)perylene	17.12	276	142264	12.467	ng	94

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

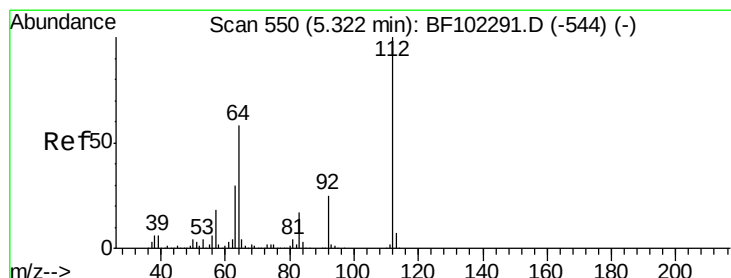
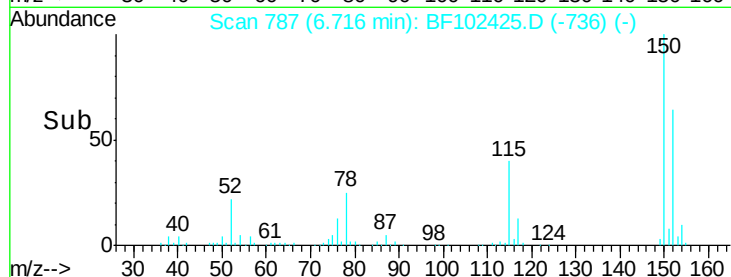
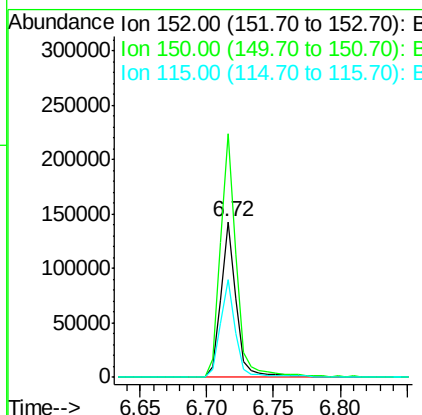
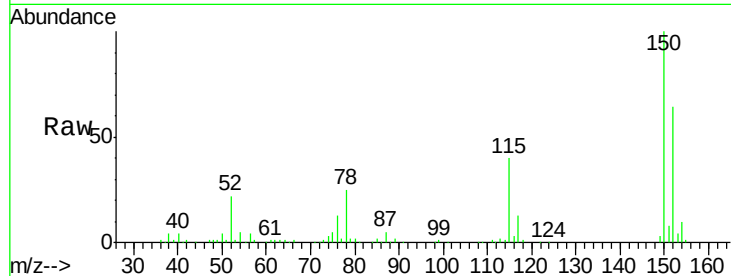
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\  
Data File : BF102425.D  
Acq On    : 25 Jan 2018   14:46  
Operator  : SJ/JU  
Sample    : J1308-02 50X  
Misc      :  
ALS Vial  : 12      Sample Multiplier: 1
```



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

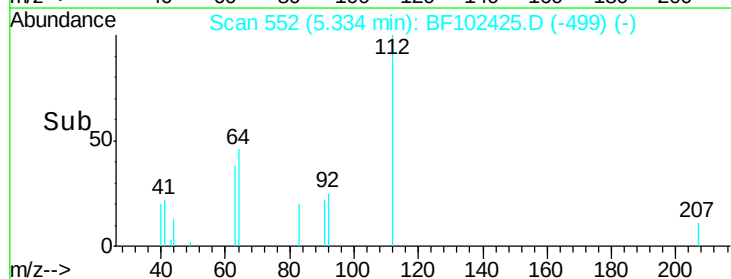
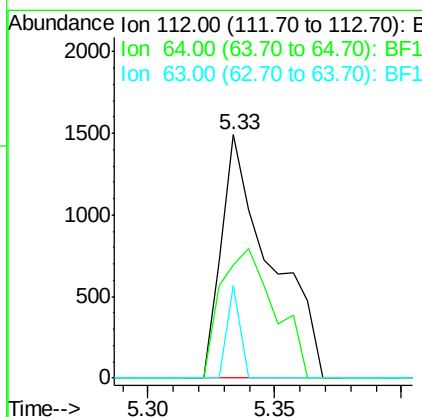
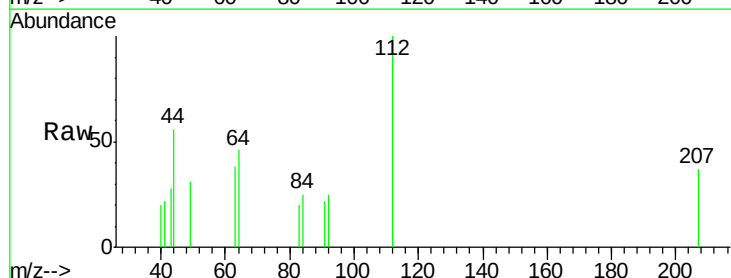
Instrument :
 BNA_F
 ClientSampleId :
 A2-SB70-E-N-8

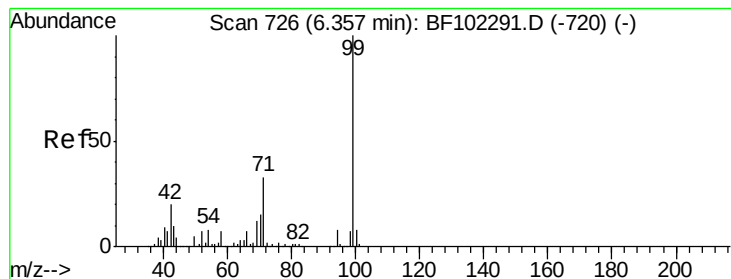
Tgt Ion:152 Resp: 118697
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 62.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 0.258 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

Tgt Ion:112 Resp: 2022
 Ion Ratio Lower Upper
 112 100
 64 46.4 47.9 71.9#
 63 38.0 23.7 35.5#





#7

Phenol-d6

Concen: 0.348 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

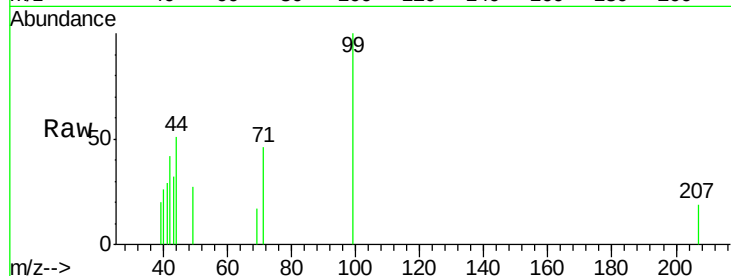
Tgt Ion: 99 Resp: 3282

Ion Ratio Lower Upper

99 100

42 41.6 14.5 21.7#

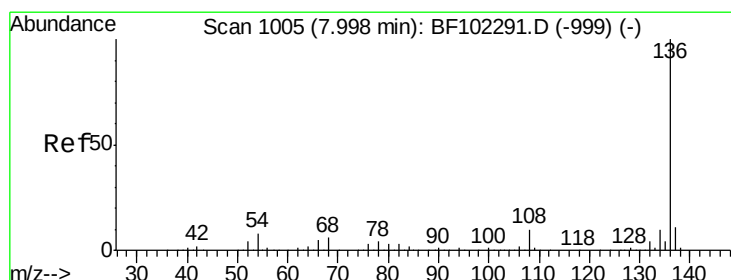
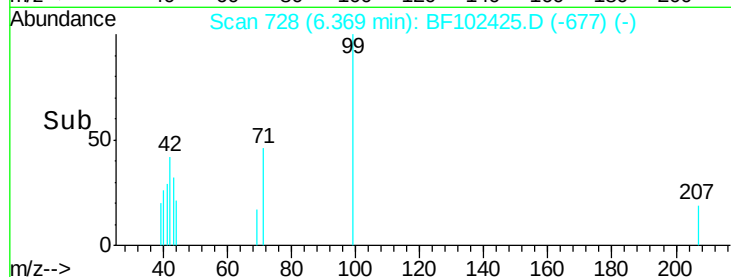
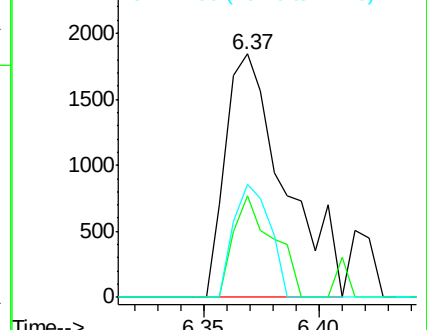
71 46.3 25.4 38.0#



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: BF102425.D

Acq: 25 Jan 2018 14:46

Tgt Ion: 136 Resp: 459476

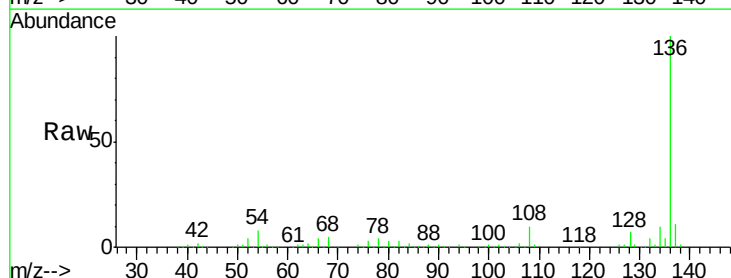
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.9 6.6 9.8

68 5.4 5.0 7.4

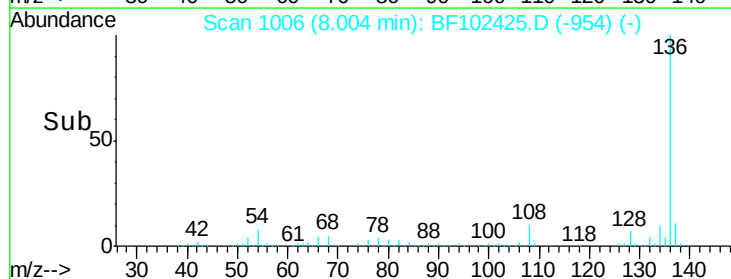
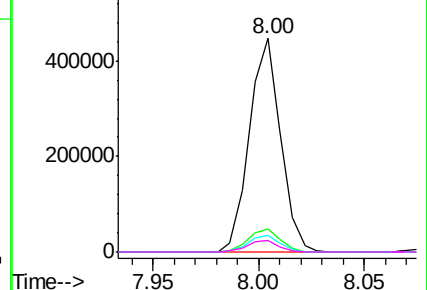


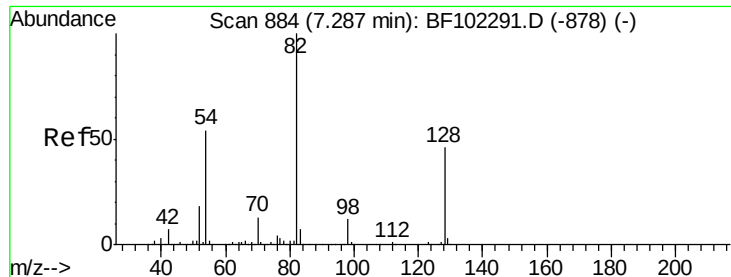
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.235 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

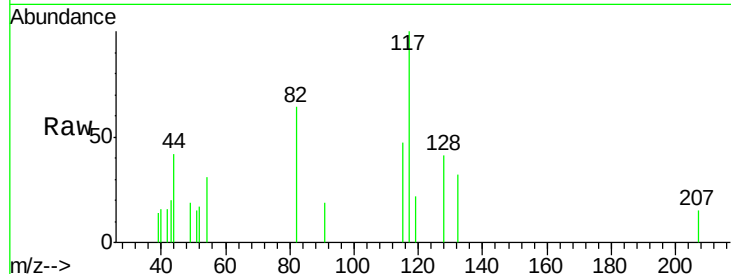
Tgt Ion: 82 Resp: 1879

Ion Ratio Lower Upper

82 100

128 64.2 36.1 54.1#

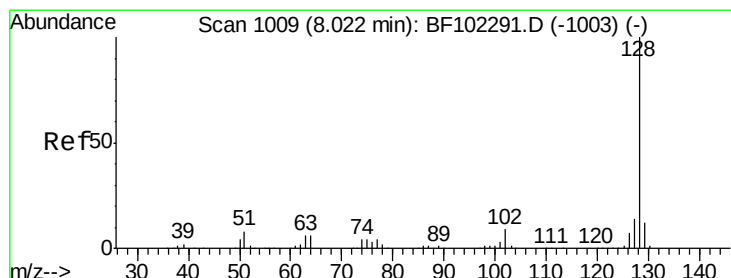
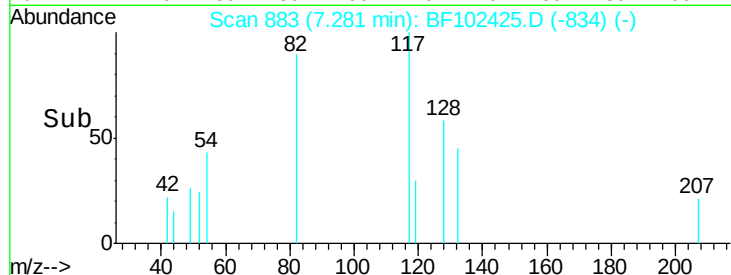
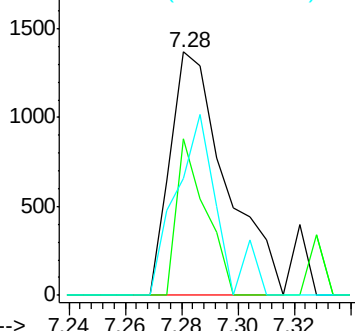
54 48.2 41.4 62.2



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: 152.802 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

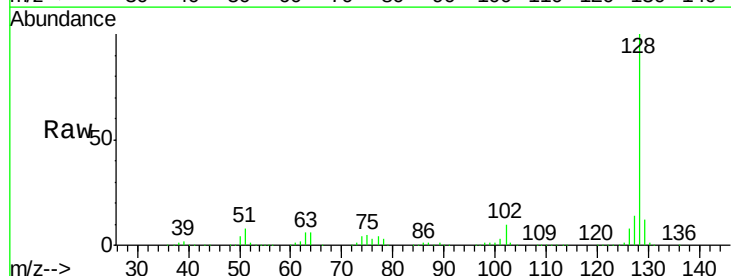
Tgt Ion: 128 Resp: 3505410

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

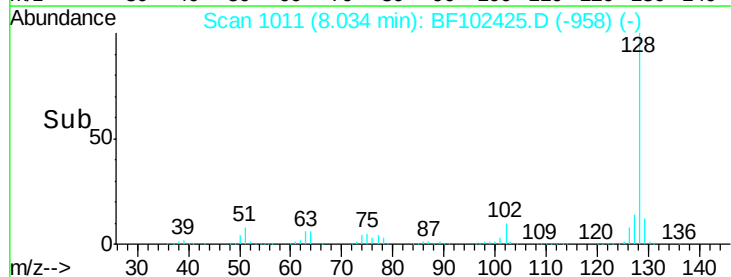
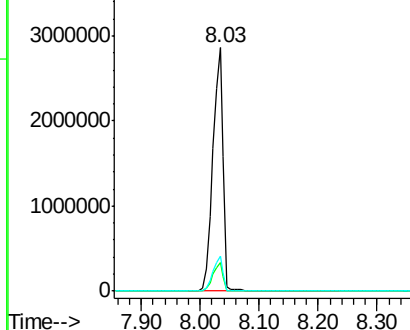
127 14.2 10.9 16.3

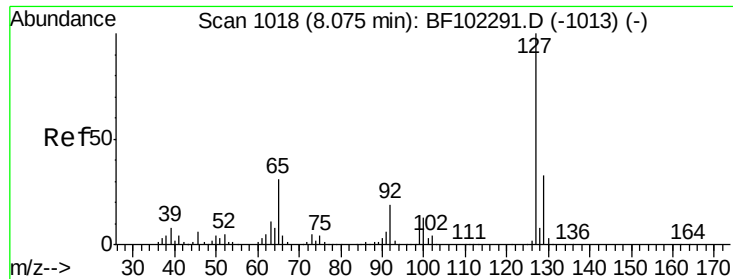


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

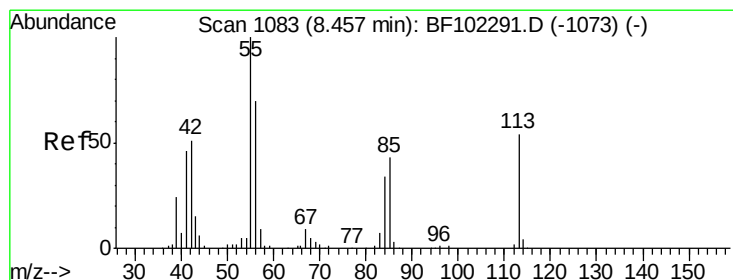
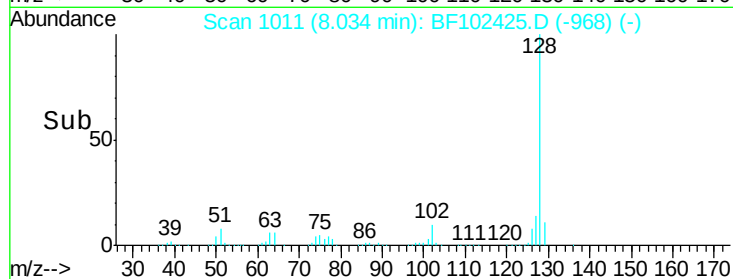
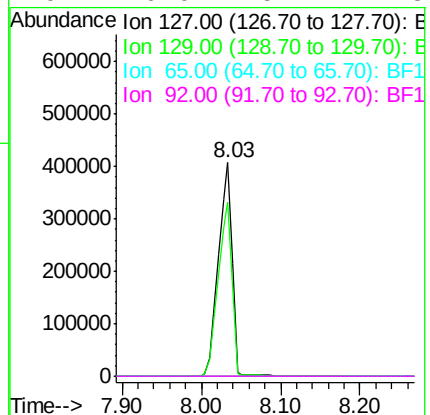
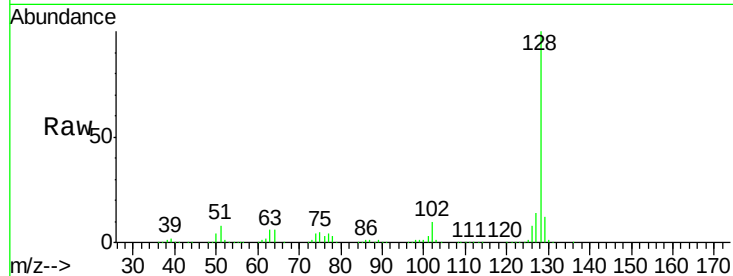




#33
4-Chloroaniline
Concen: 50.436 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

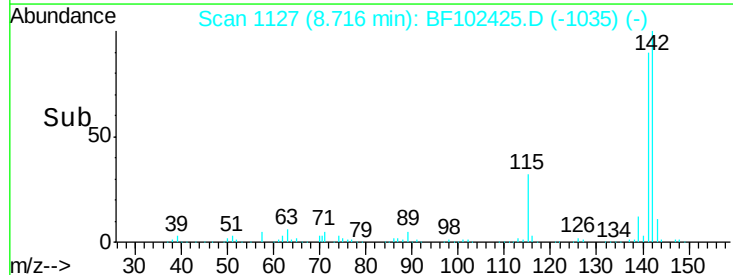
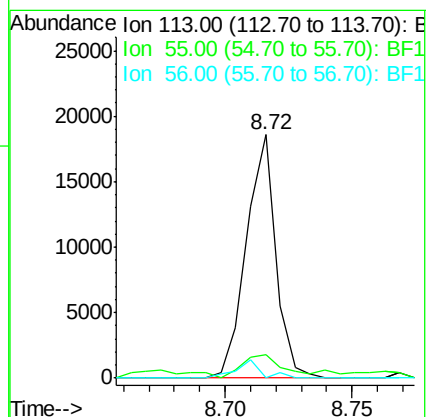
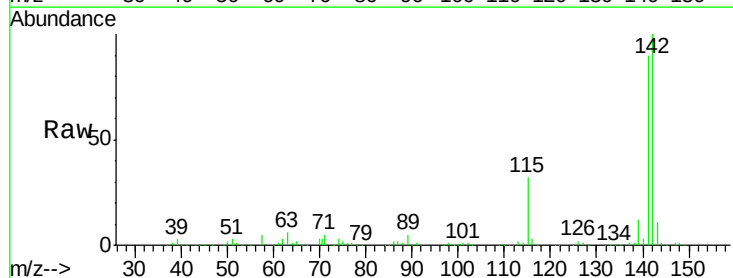
Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-N-8

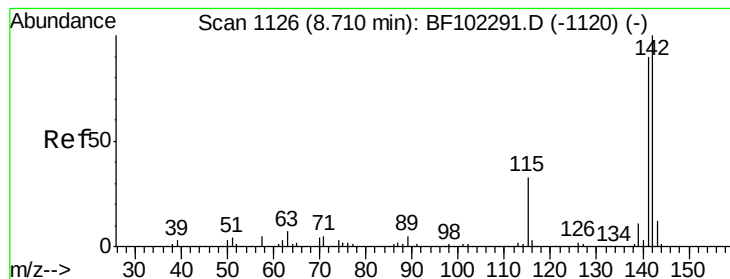
Tgt Ion:127 Resp: 486558
Ion Ratio Lower Upper
127 100
129 81.6 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#35
Caprolactam
Concen: 7.153 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.24 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

Tgt Ion:113 Resp: 15048
Ion Ratio Lower Upper
113 100
55 9.5 163.3 203.3#
56 0.0 115.7 155.7#





#37

2-Methylnaphthalene

Concen: 46.651 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

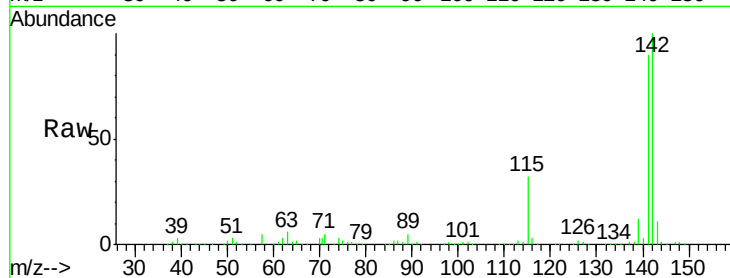
Tgt Ion:142 Resp: 712728

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

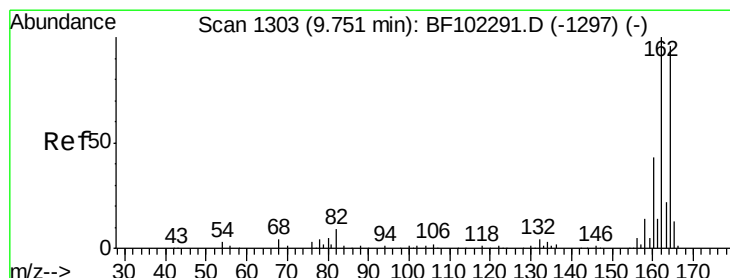
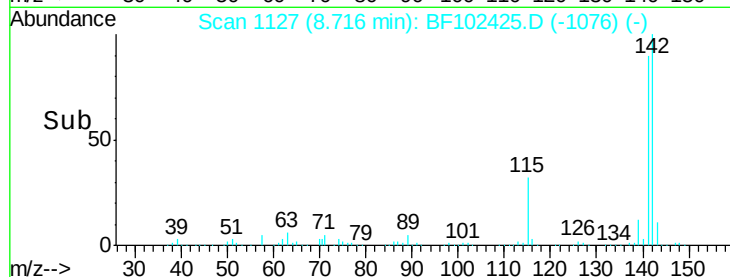
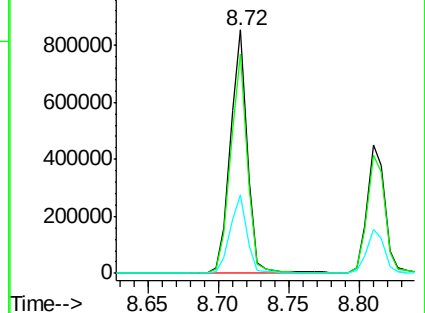
115 32.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

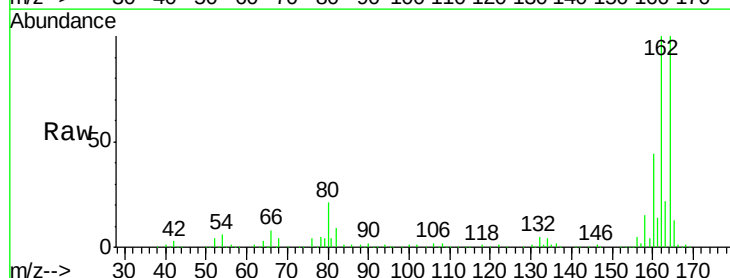
Tgt Ion:164 Resp: 173542

Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

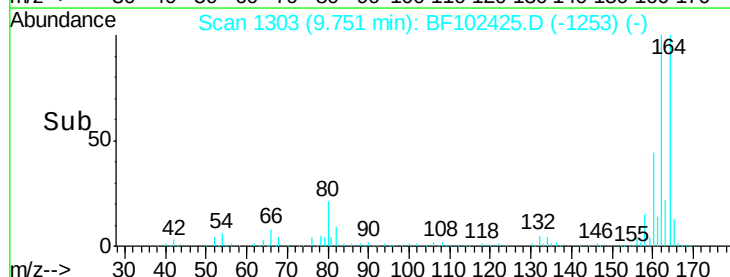
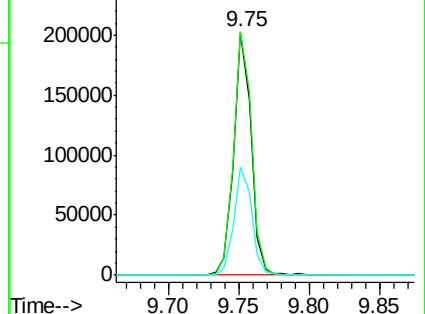
160 44.6 38.3 57.5

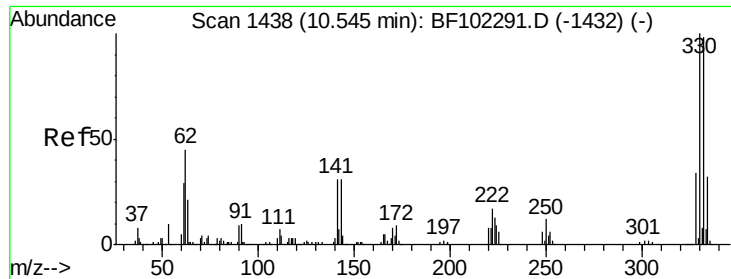


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

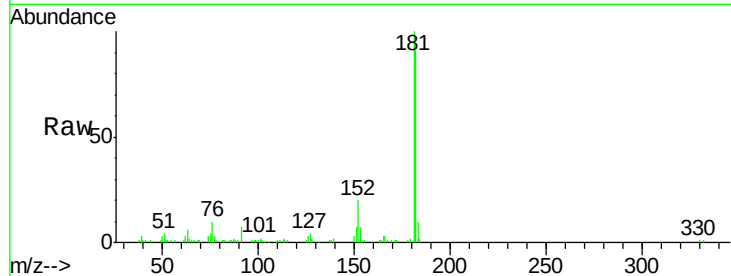




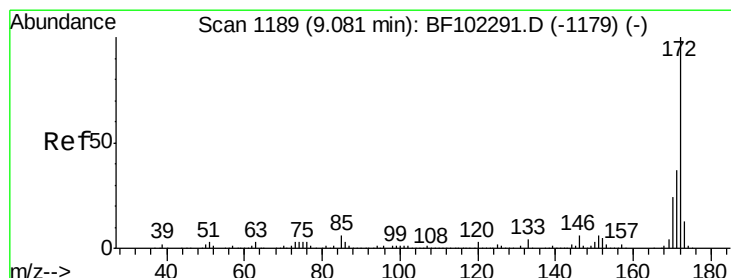
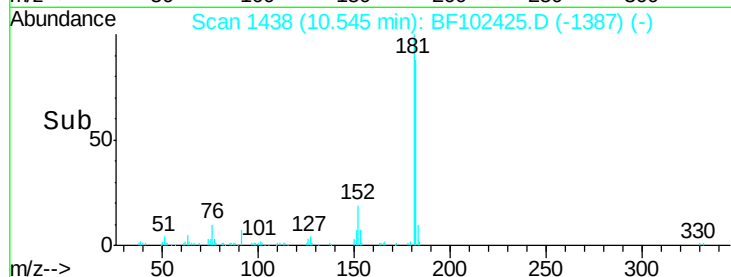
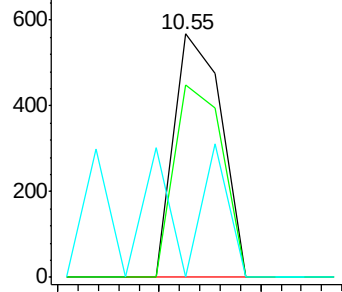
#41
 2,4,6-Tribromophenol
 Concen: 0.214 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB70-E-N-8

Tgt Ion: 330 Resp: 368
 Ion Ratio Lower Upper
 330 100
 332 81.0 77.0 115.6
 141 59.0 29.9 44.9#

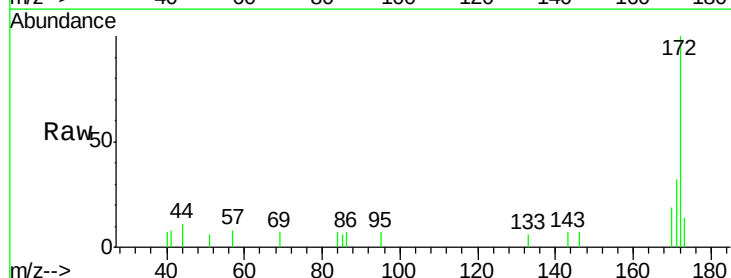


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

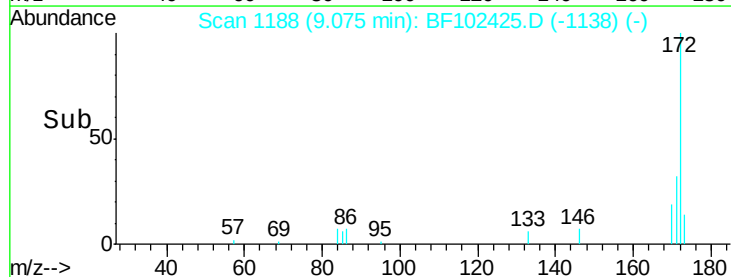
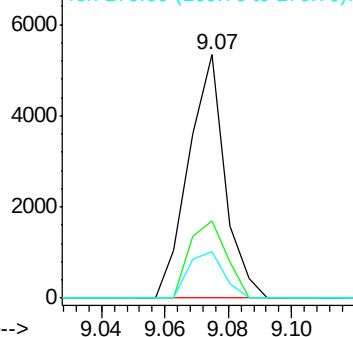


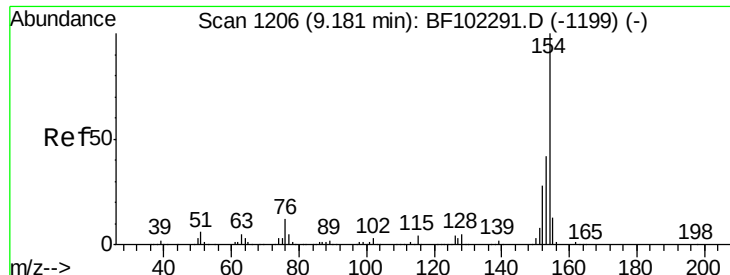
#44
 2-Fluorobiphenyl
 Concen: 0.359 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

Tgt Ion: 172 Resp: 4236
 Ion Ratio Lower Upper
 172 100
 171 32.0 29.7 44.5
 170 19.2 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

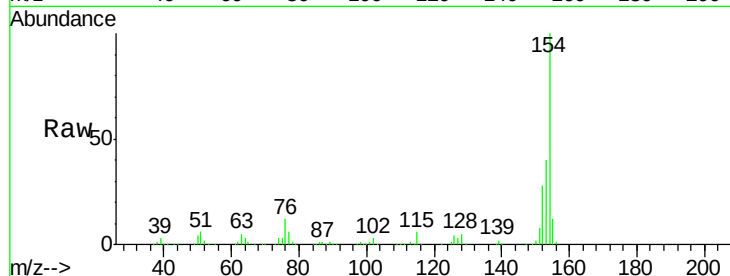




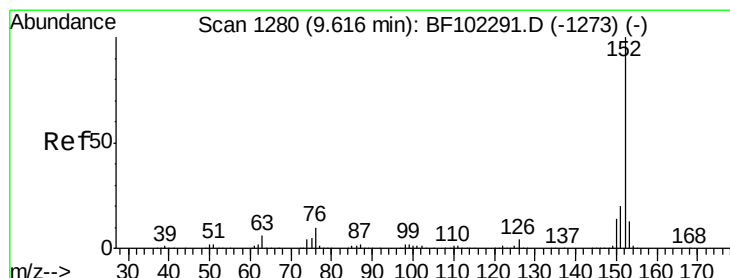
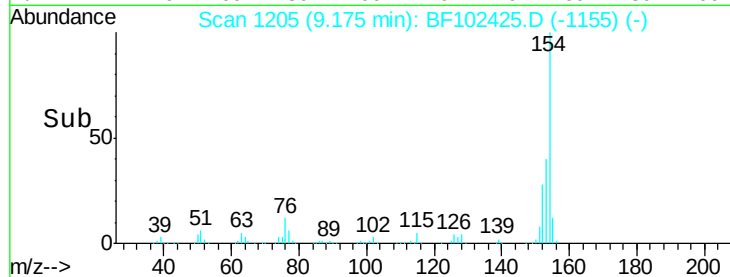
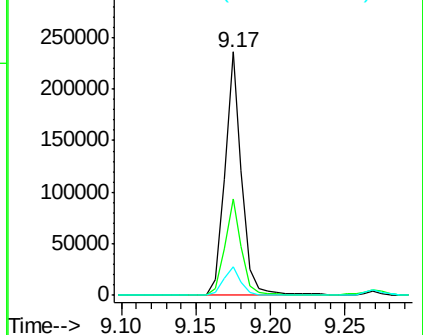
#45
 1,1'-Biphenyl
 Concen: 12.147 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB70-E-N-8

Tgt Ion:	154	Resp:	188491
Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	11.7	0.0	34.0

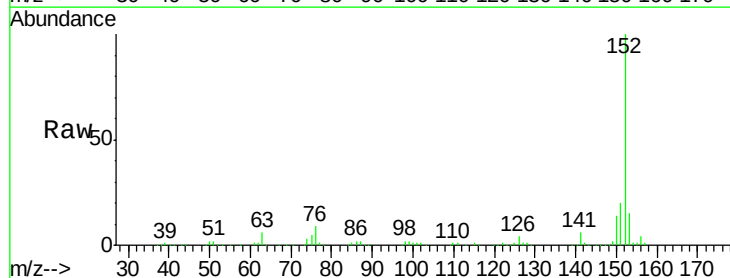


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

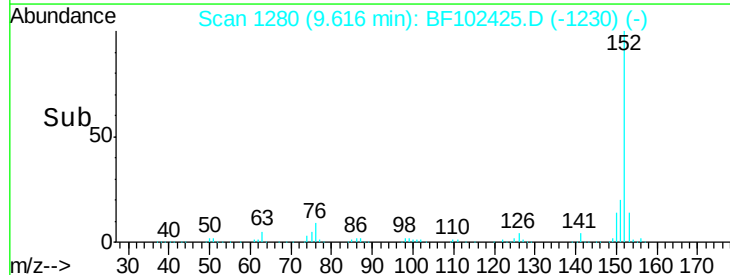
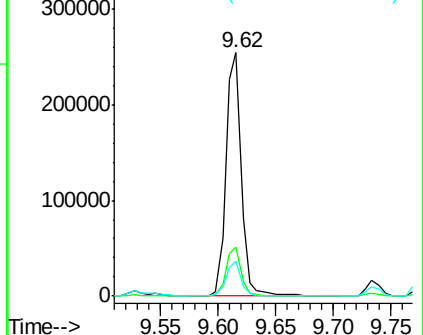


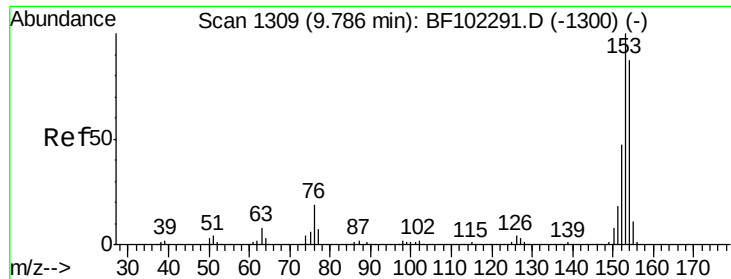
#48
 Acenaphthylene
 Concen: 12.509 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

Tgt Ion:	152	Resp:	235056
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.6	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: 61.583 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

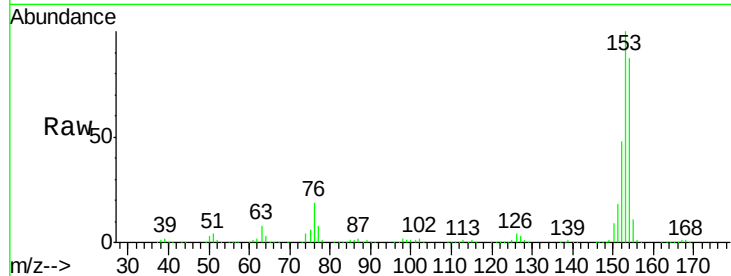
Tgt Ion:154 Resp: 675839

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

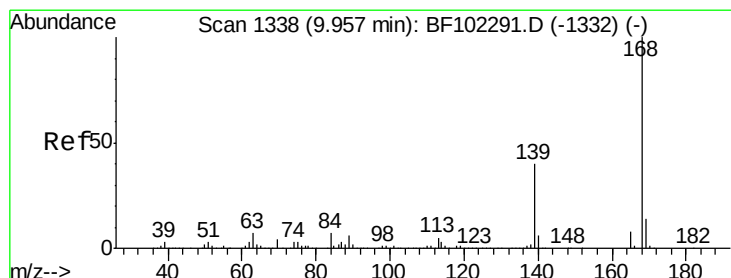
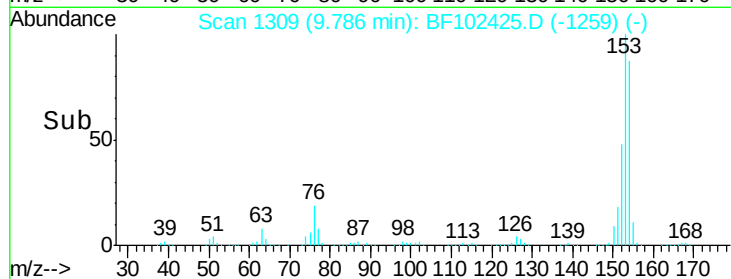
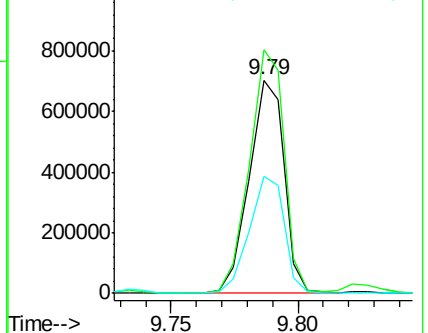
152 54.6 43.8 65.8



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: 45.844 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

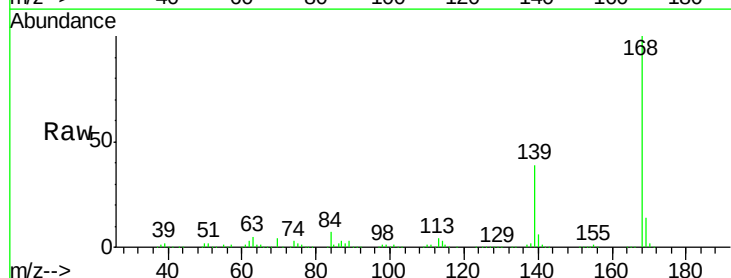
Tgt Ion:168 Resp: 680904

Ion Ratio Lower Upper

168 100

139 39.3 30.1 45.1

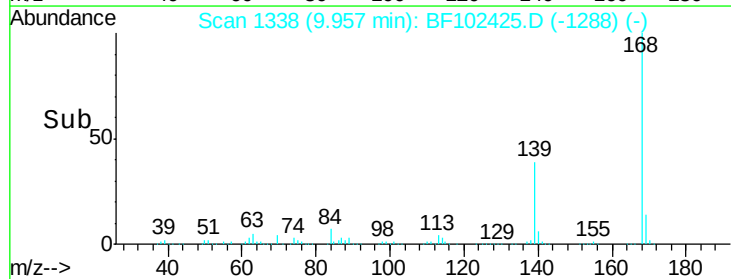
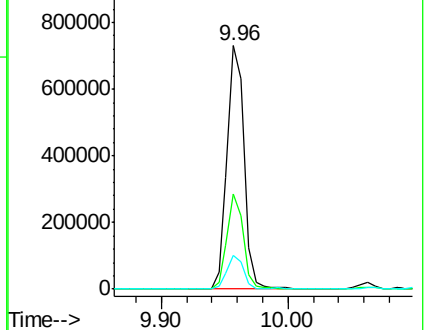
169 14.1 10.9 16.3

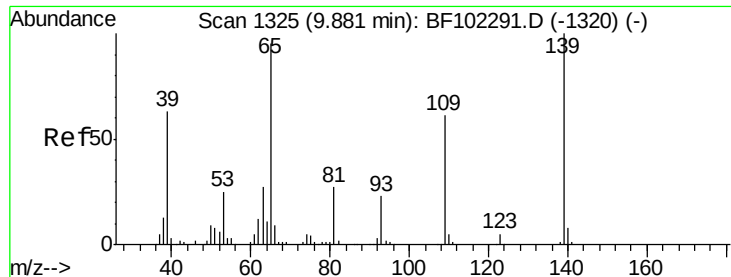


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

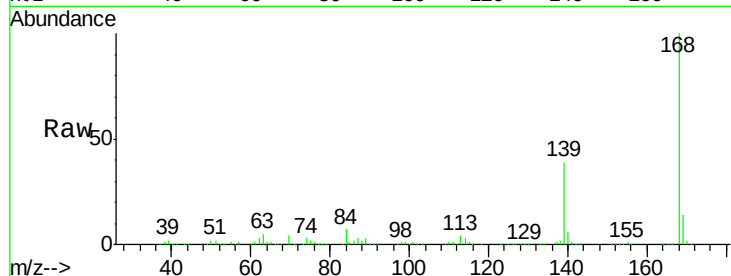




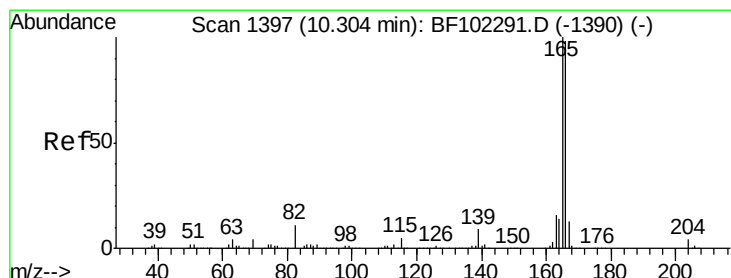
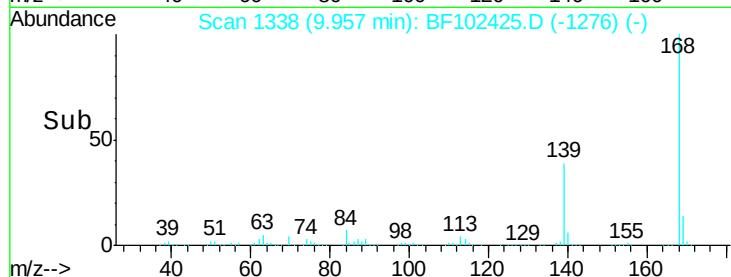
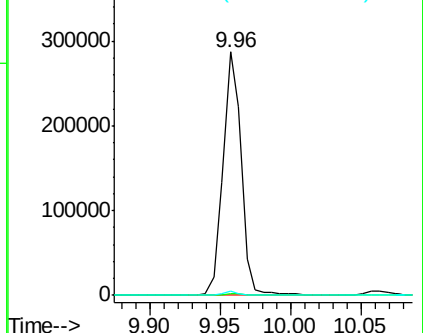
#55
4-Nitrophenol
Concen: 106.928 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-N-8

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	1.6	72.6	112.6#

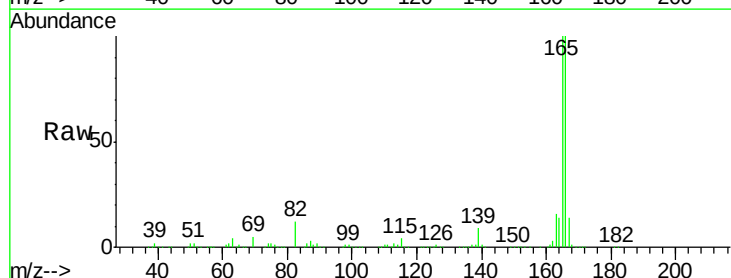


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

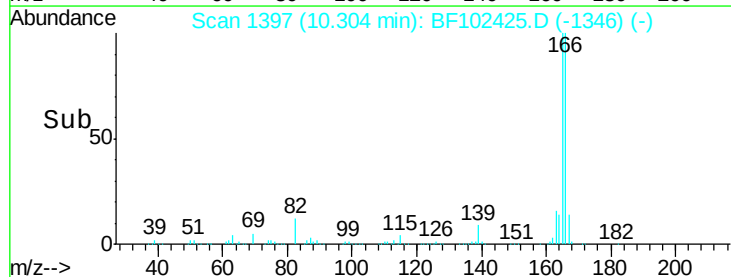
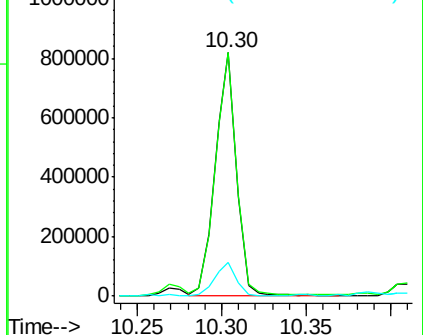


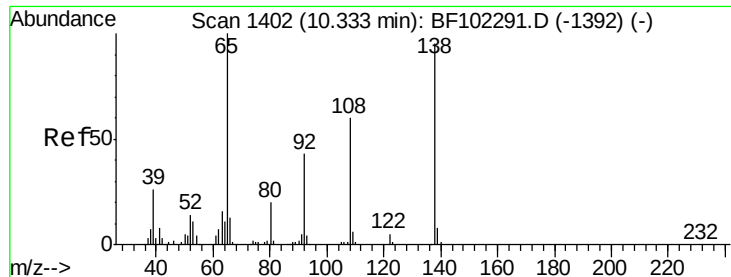
#57
Fluorene
Concen: 61.189 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.7	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: 2.177 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.04 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

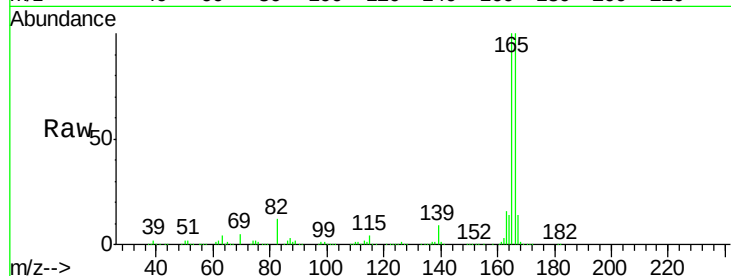
Tgt Ion:138 Resp: 7946

Ion Ratio Lower Upper

138 100

92 0.0 30.2 70.2#

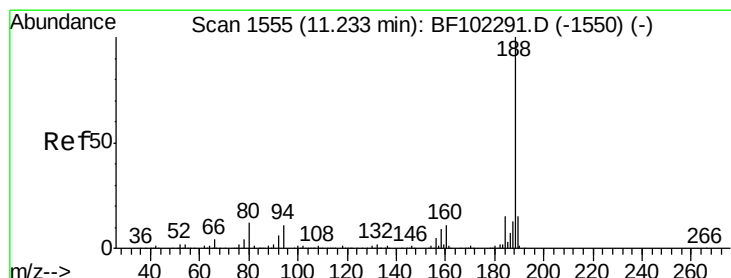
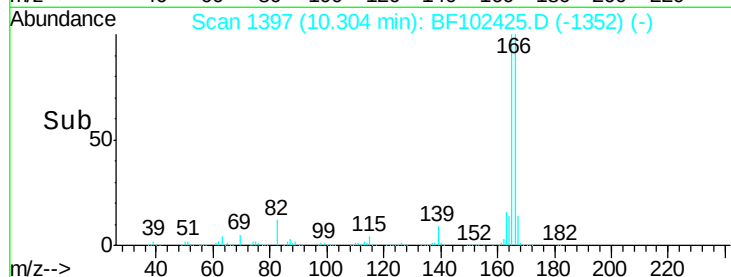
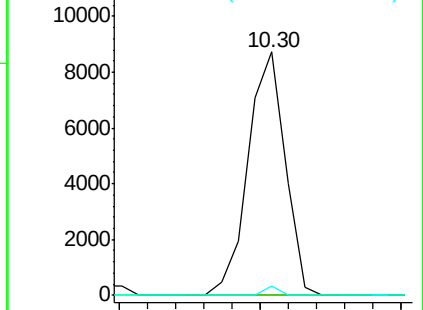
108 3.9 52.5 92.5#



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: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

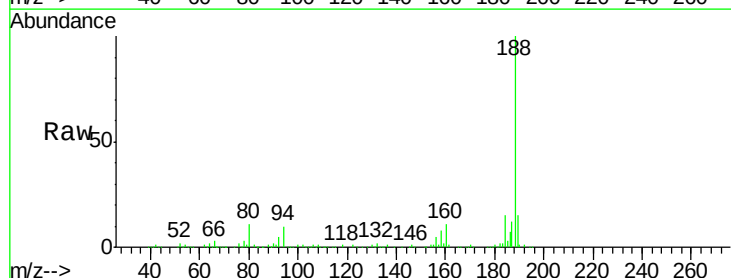
Tgt Ion:188 Resp: 242131

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

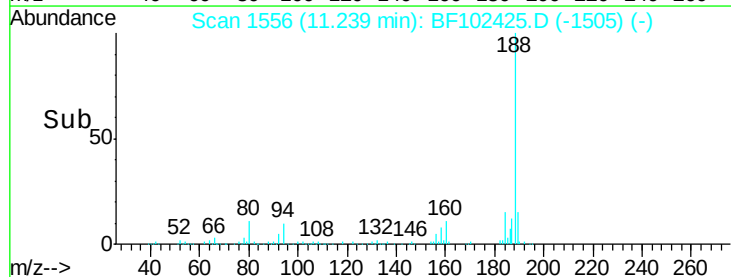
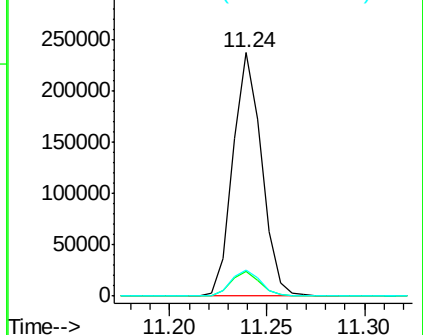
80 10.9 9.2 13.8

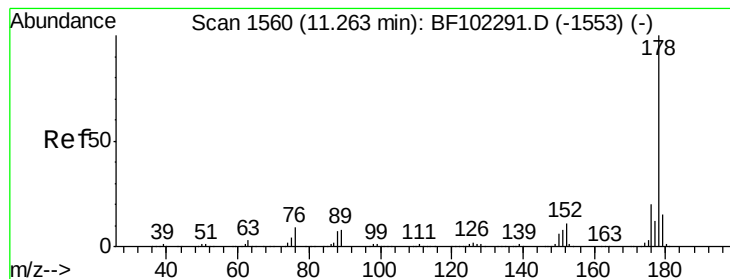


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 133.782 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

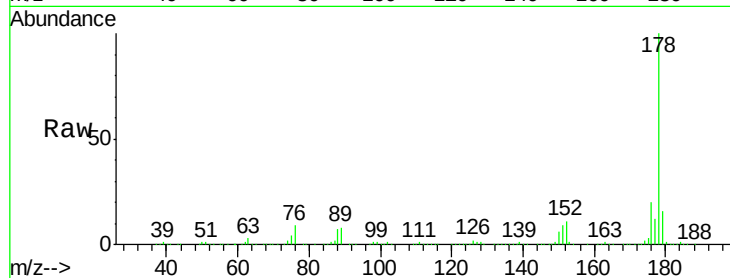
Tgt Ion:178 Resp: 1887603

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

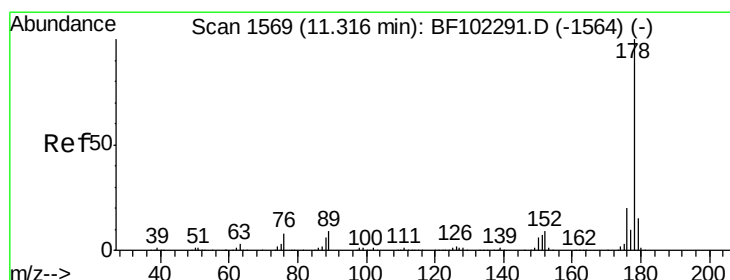
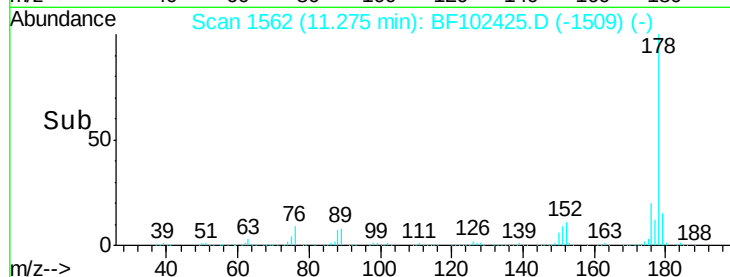
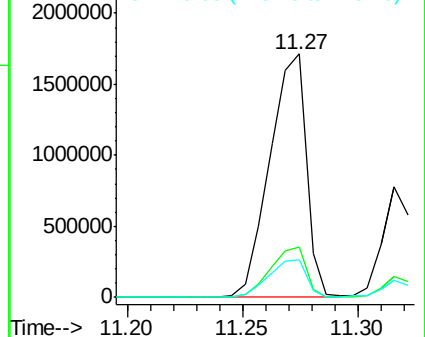
179 15.5 13.0 19.6



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: 45.418 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

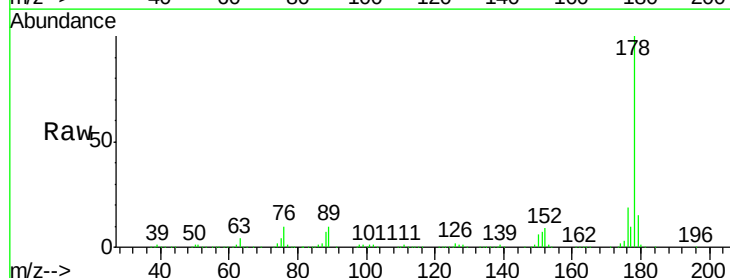
Tgt Ion:178 Resp: 654080

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

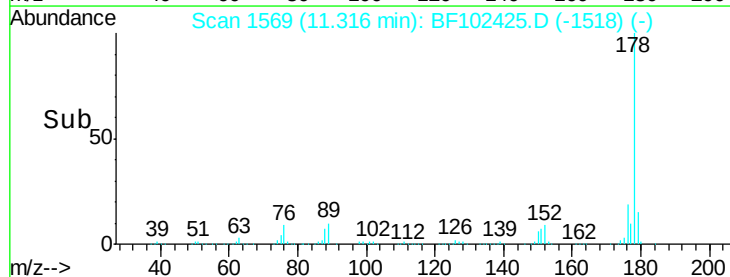
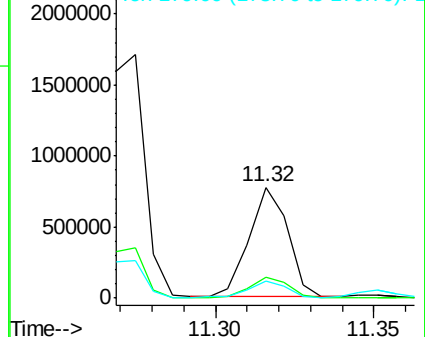
179 15.5 12.6 19.0

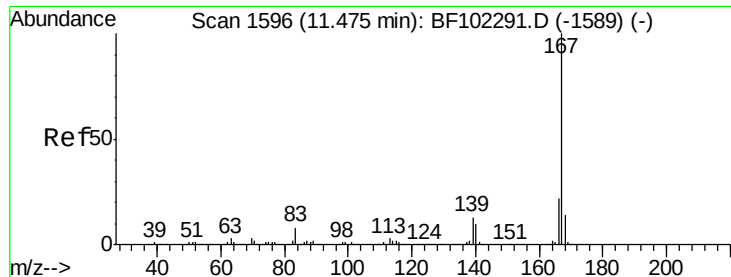


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 15.141 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

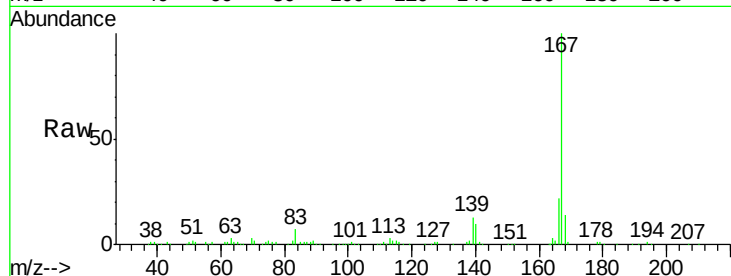
Tgt Ion:167 Resp: 212725

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

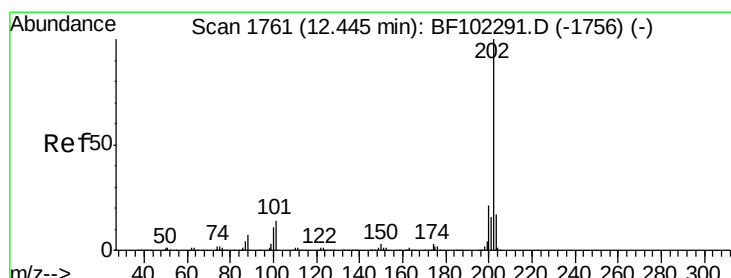
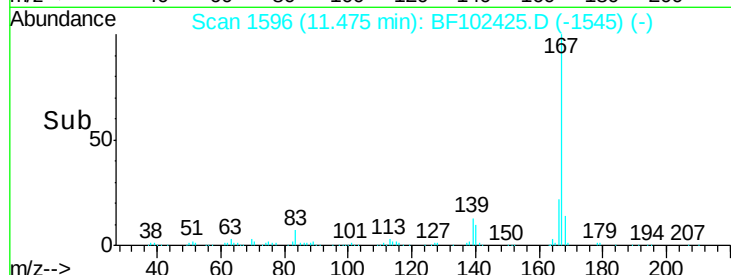
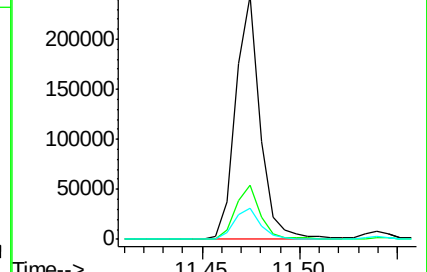
139 12.5 10.9 16.3



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: 93.105 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

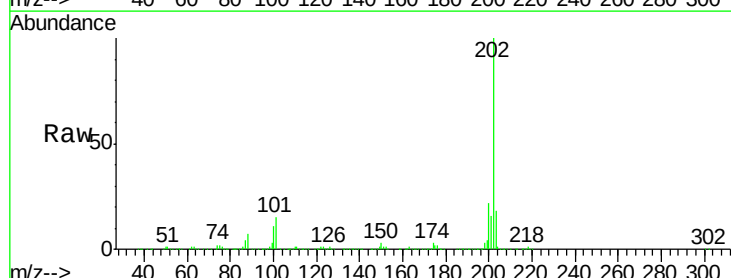
Tgt Ion:202 Resp: 1339620

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

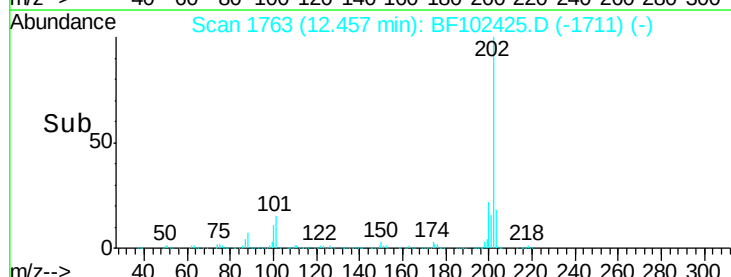
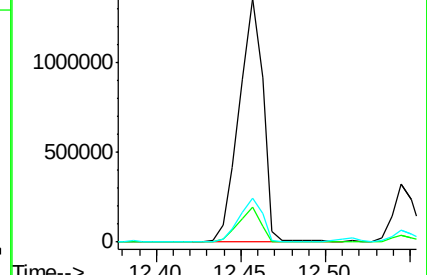
203 17.9 0.0 38.1

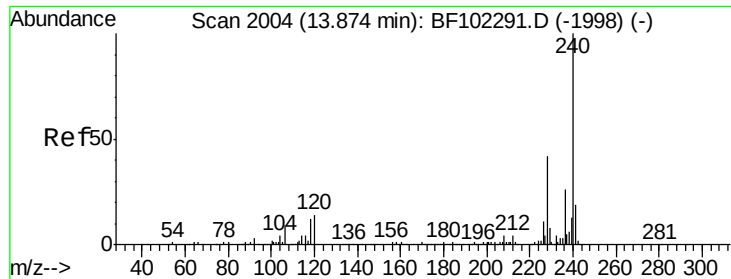


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

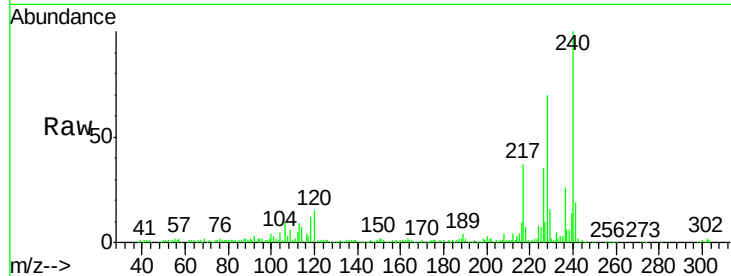
Tgt Ion:240 Resp: 220978

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

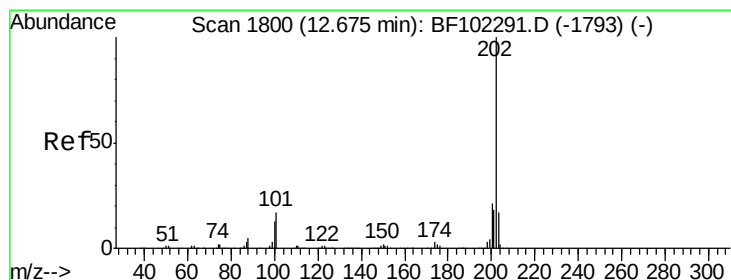
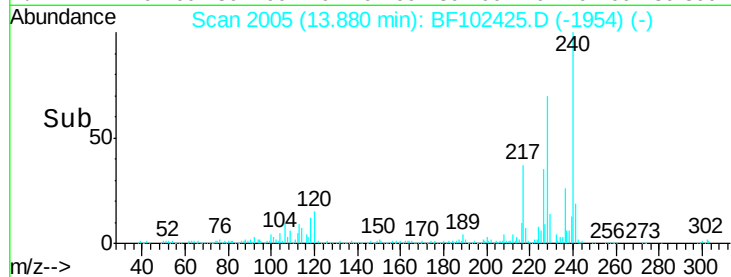
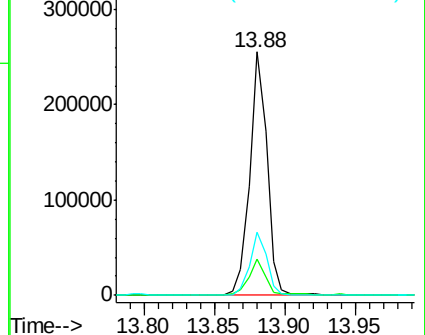
236 26.0 20.7 31.1



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

Pyrene

Concen: 61.967 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

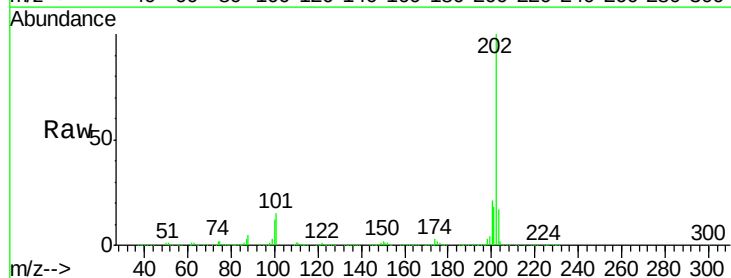
Tgt Ion:202 Resp: 1058715

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

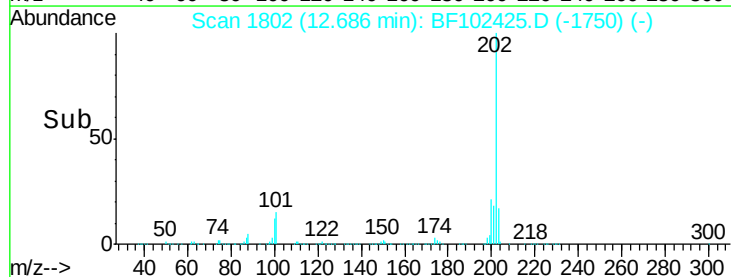
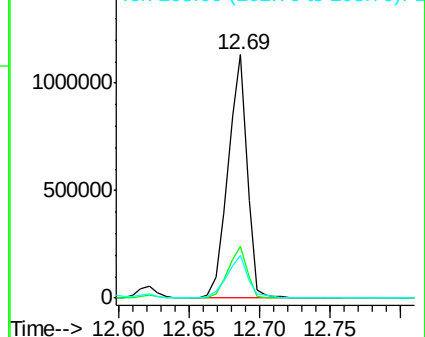
203 17.4 14.3 21.5

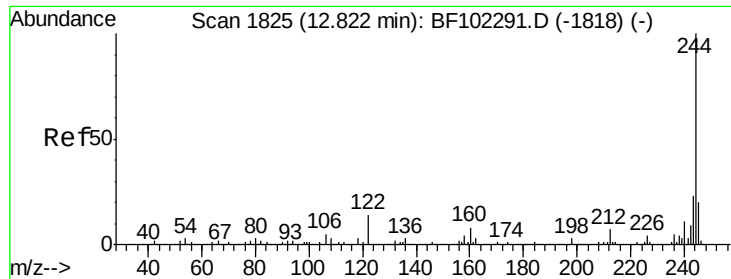


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

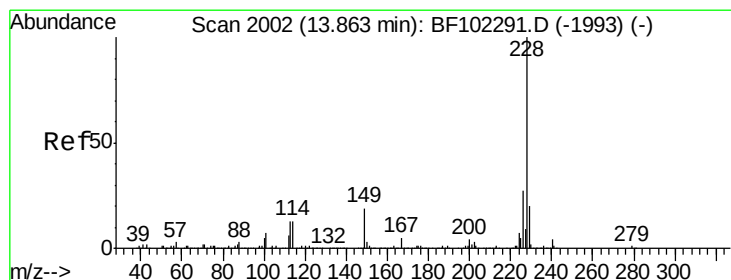
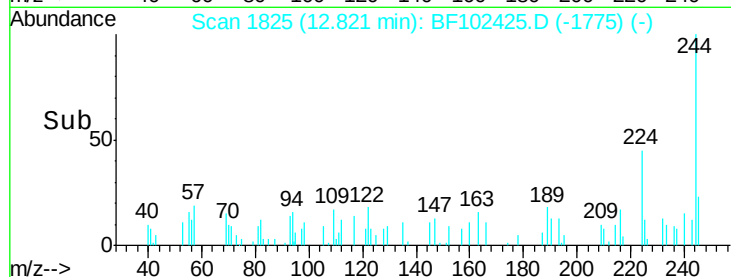
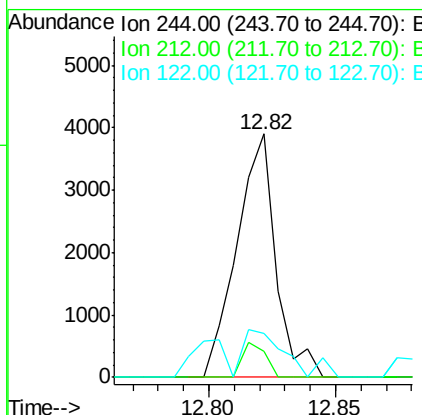
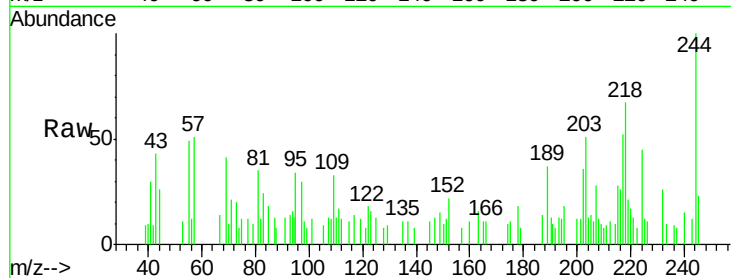




#78
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

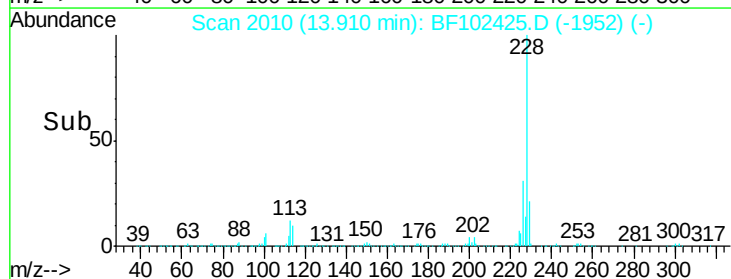
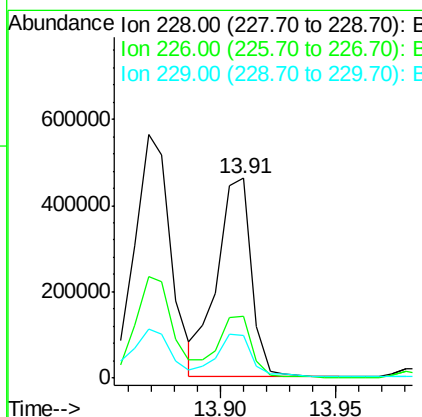
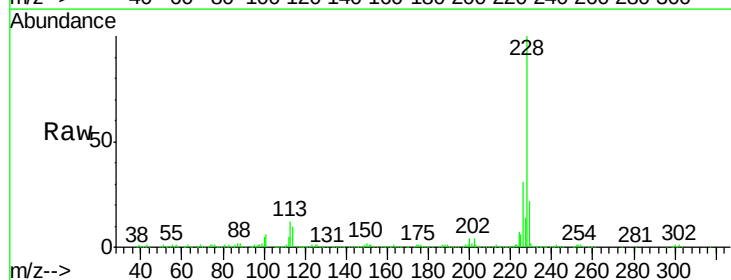
Instrument :
 BNA_F
 ClientSampleId :
 A2-SB70-E-N-8

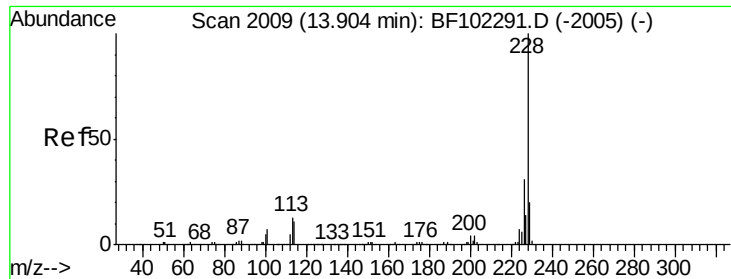
Tgt Ion:244 Resp: 4180
 Ion Ratio Lower Upper
 244 100
 212 10.7 5.4 8.0#
 122 17.9 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 35.196 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.04 min
 Lab File: BF102425.D
 Acq: 25 Jan 2018 14:46

Tgt Ion:228 Resp: 478833
 Ion Ratio Lower Upper
 228 100
 226 31.1 22.6 33.8
 229 21.6 15.8 23.6





#82

Chrysene

Concen: 34.659 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

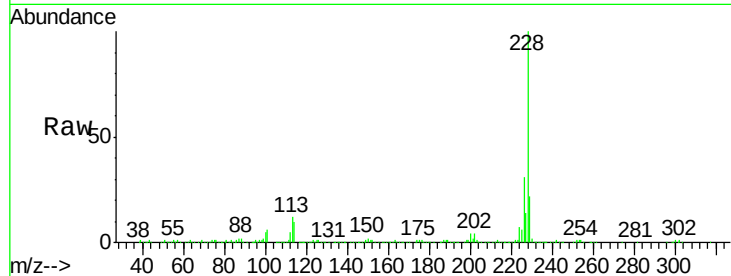
Tgt Ion:228 Resp: 478833

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

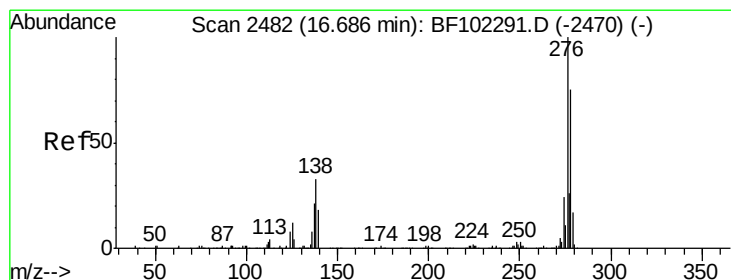
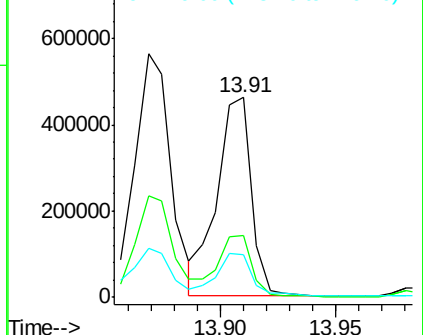
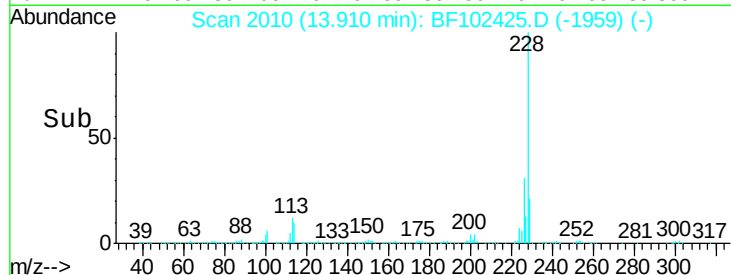
229 21.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 15.888 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

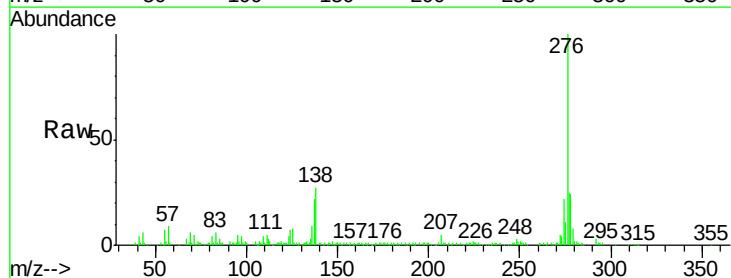
Tgt Ion:276 Resp: 181281

Ion Ratio Lower Upper

276 100

138 26.7 25.0 37.6

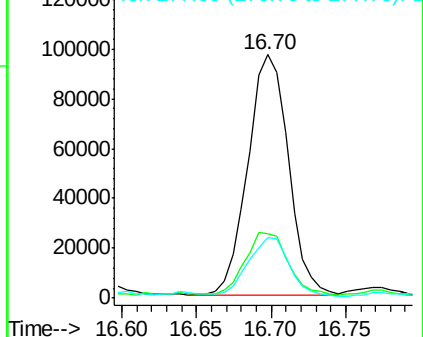
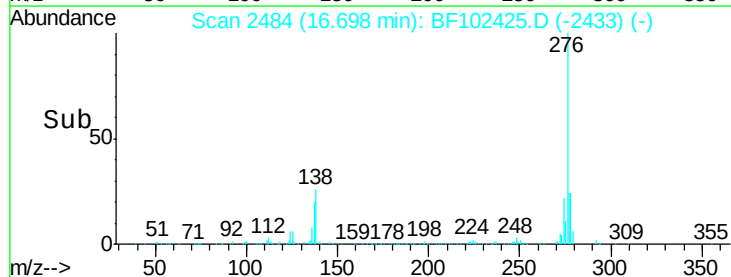
277 24.8 20.1 30.1

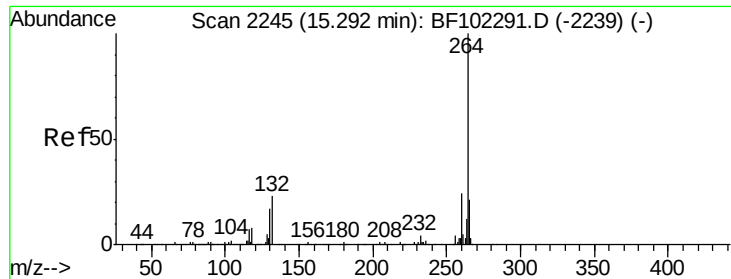


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

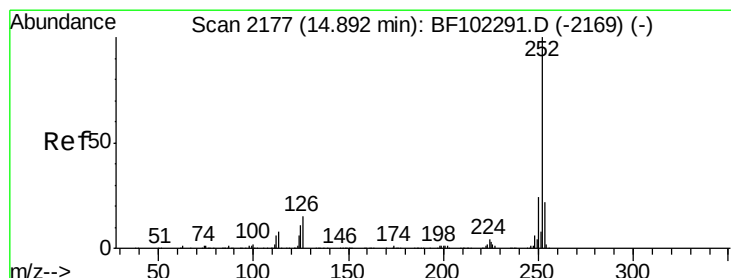
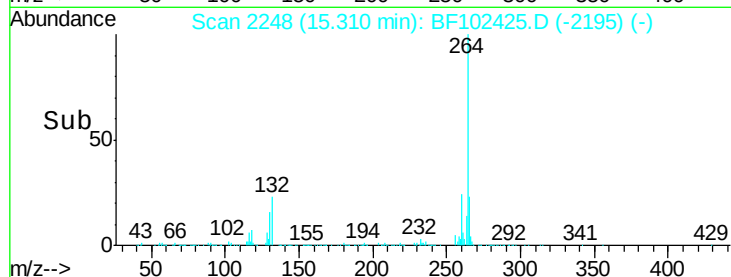
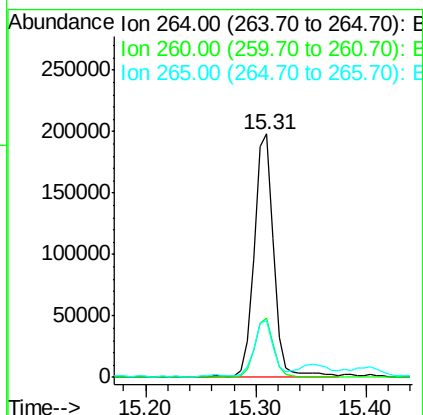
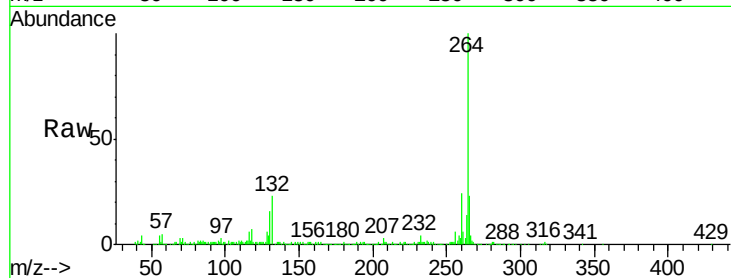




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

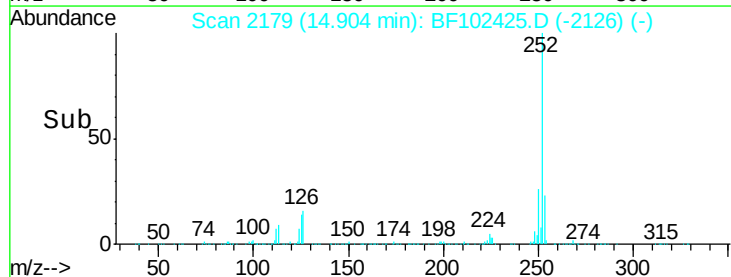
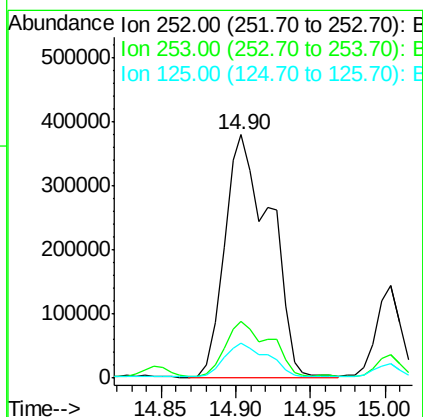
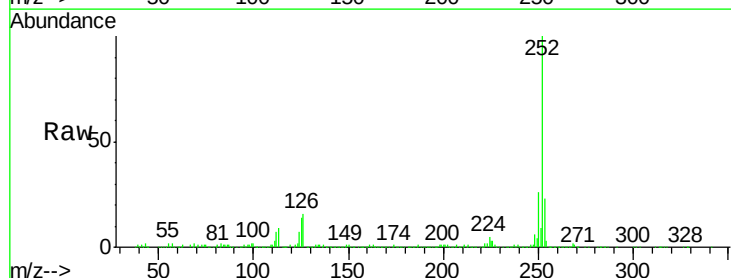
Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-N-8

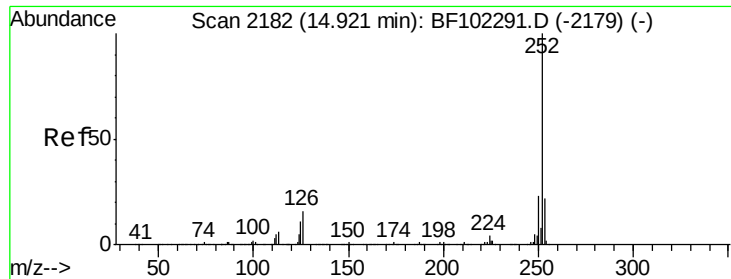
Tgt Ion:264 Resp: 244063
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 23.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 50.629 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

Tgt Ion:252 Resp: 800897
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 14.4 9.0 13.6#

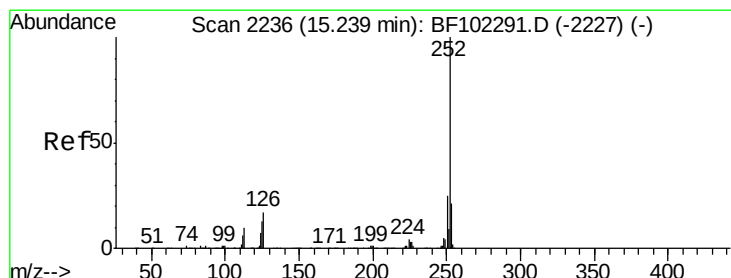
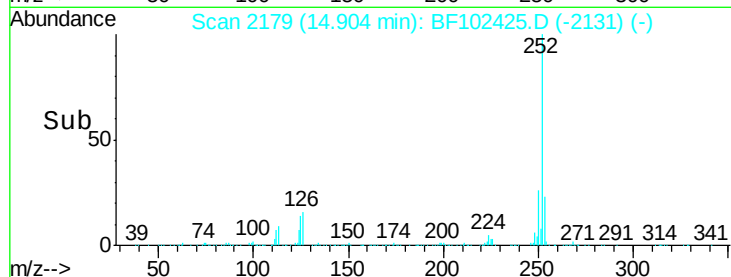
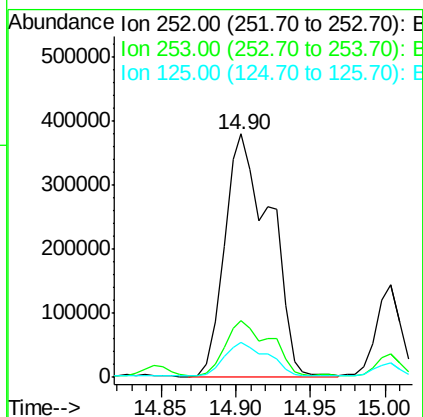
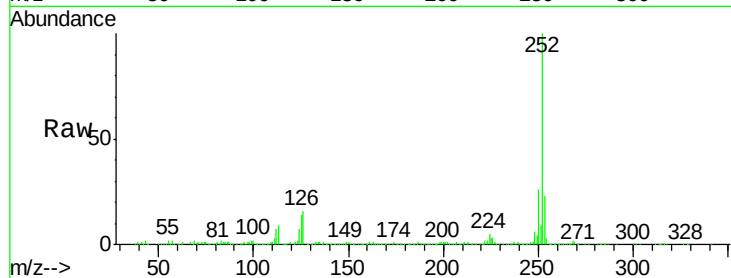




#88
Benzo(k)fluoranthene
Concen: 53.588 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

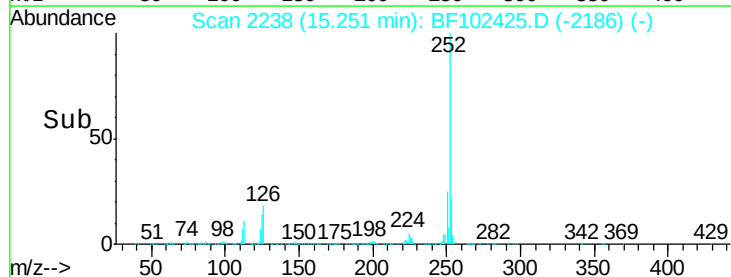
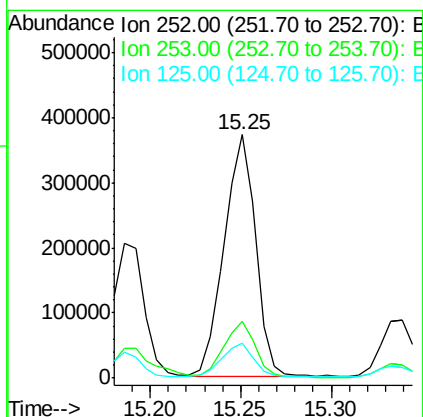
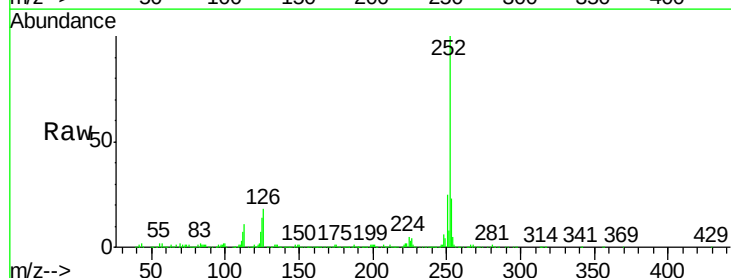
Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-N-8

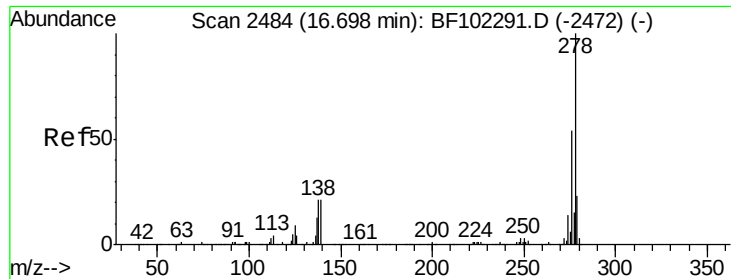
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 31.724 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF102425.D
Acq: 25 Jan 2018 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.4	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.120 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.19 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A2-SB70-E-N-8

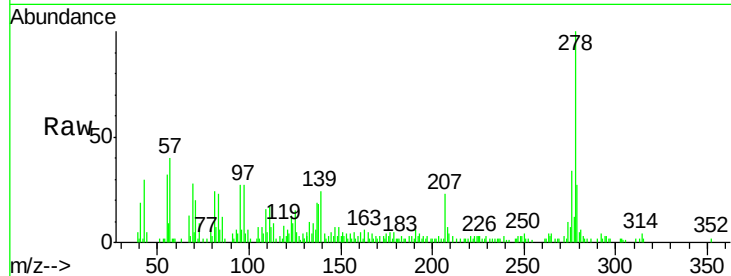
Tgt Ion:278 Resp: 36062

Ion Ratio Lower Upper

278 100

139 23.5 15.9 23.9

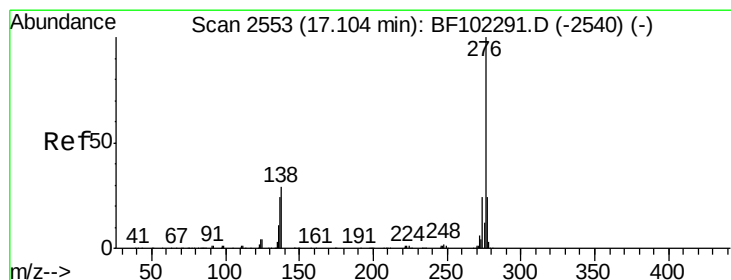
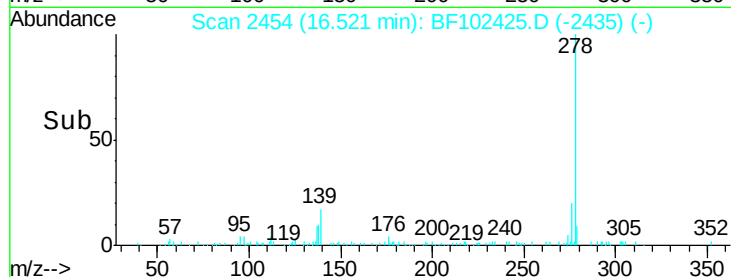
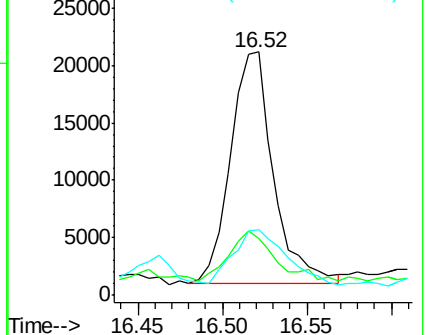
279 26.8 19.0 28.4



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: 12.467 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF102425.D

Acq: 25 Jan 2018 14:46

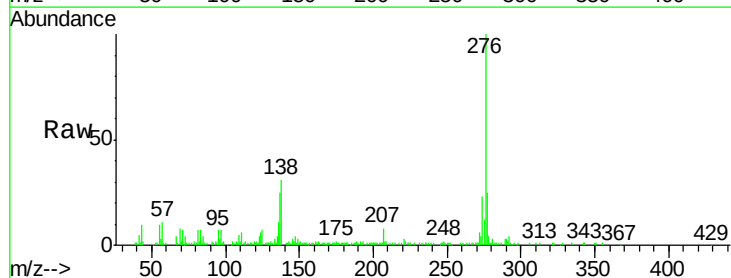
Tgt Ion:276 Resp: 142264

Ion Ratio Lower Upper

276 100

277 25.3 17.9 26.9

138 30.6 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

