

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087203.D
 Acq On : 19 May 2016 23:03
 Operator : UM/SJ
 Sample : H3132-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C5-2(0-19FT)

Quant Time: May 20 02:35:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	143034	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	570183	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	247308	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	389000	20.00	ng	-0.05
75) Chrysene-d12	13.71	240	264457	20.00	ng	-0.05
86) Perylene-d12	15.06	264	275665	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	1225381	144.00	ng	-0.03
7) Phenol-d6	6.24	99	1408579	123.42	ng	-0.05
23) Nitrobenzene-d5	7.14	82	945891	82.68	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	325071	118.95	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1364351	91.37	ng	-0.05
78) Terphenyl-d14	12.66	244	845852	72.35	ng	-0.05

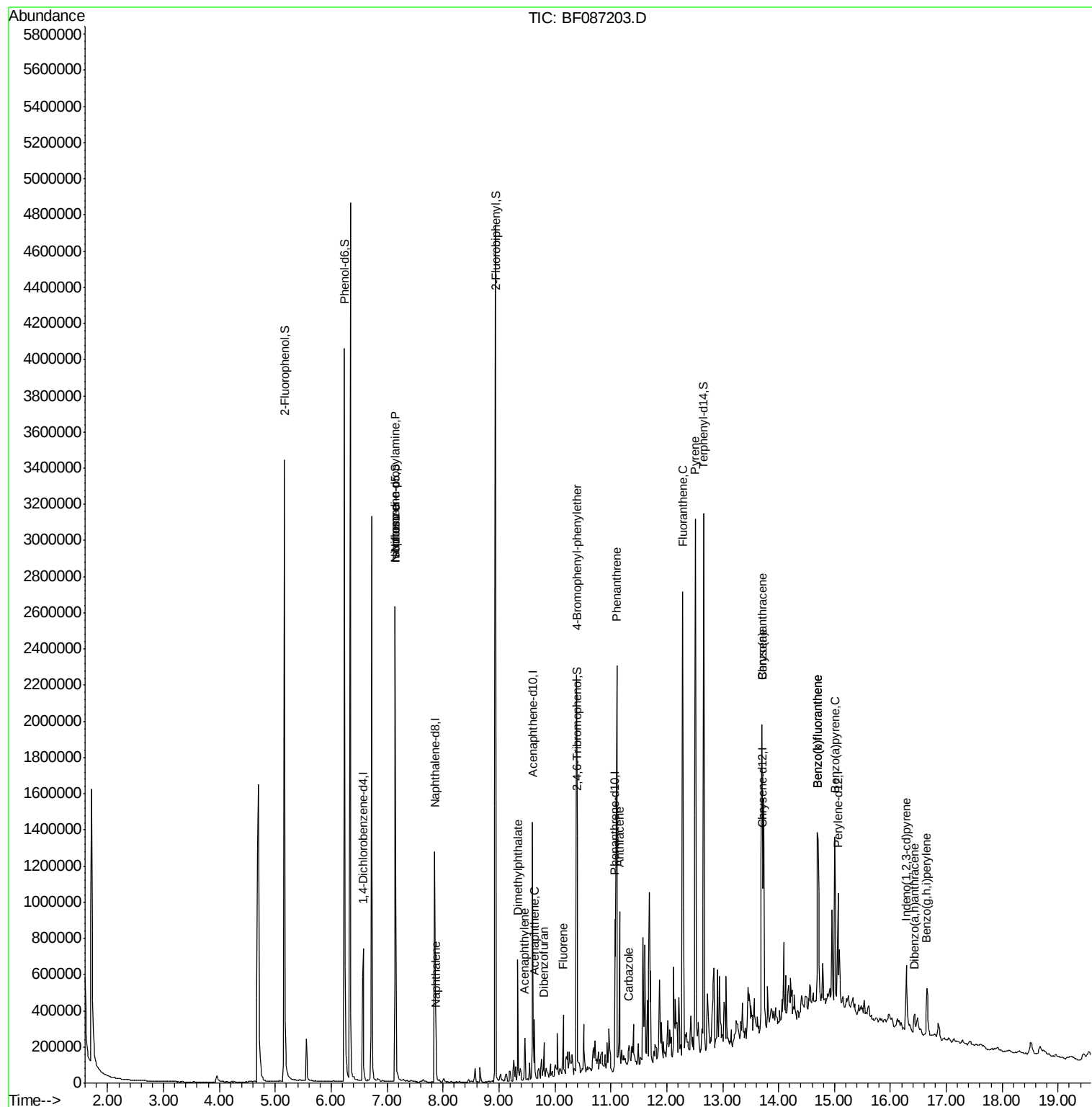
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.14	70	134404	15.49	ng	# 74
25) Isophorone	7.14	82	823431	39.32	ng	# 68
31) Naphthalene	7.87	128	59429	2.13	ng	99
48) Acenaphthylene	9.46	152	77435	3.22	ng	97
49) Dimethylphthalate	9.34	163	217080	11.51	ng	99
51) Acenaphthene	9.63	154	69724	4.64	ng	99
54) Dibenzofuran	9.80	168	43415	2.24	ng	# 91
57) Fluorene	10.15	166	89609	5.74	ng	99
66) 4-Bromophenyl-phenylether	10.39	248	18196	4.55	ng	# 1
70) Phenanthrene	11.11	178	1011210	47.93	ng	99
71) Anthracene	11.15	178	308566	14.46	ng	99
72) Carbazole	11.33	167	39242	2.01	ng	98
74) Fluoranthene	12.29	202	1032949	48.87	ng	98
77) Pyrene	12.51	202	1204183	63.03	ng	99
80) Benzo(a)anthracene	13.70	228	649968	42.51	ng	98
82) Chrysene	13.70	228	649968	43.93	ng	98
85) Indeno(1,2,3-cd)pyrene	16.29	276	218699	16.84	ng	# 89
87) Benzo(b)fluoranthene	14.70	252	765311	41.85	ng	98
88) Benzo(k)fluoranthene	14.70	252	765311	56.21	ng	97
89) Benzo(a)pyrene	15.01	252	448466	29.34	ng	96
90) Dibenzo(a,h)anthracene	16.43	278	55556	4.32	ng	95
91) Benzo(g,h,i)perylene	16.65	276	200865	15.45	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

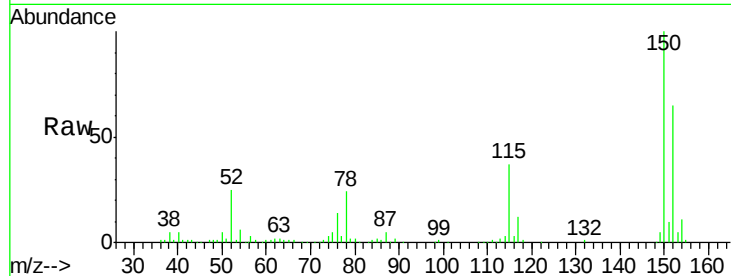
Tgt Ion:152 Resp: 143034

Ion Ratio Lower Upper

152 100

150 153.1 125.8 188.6

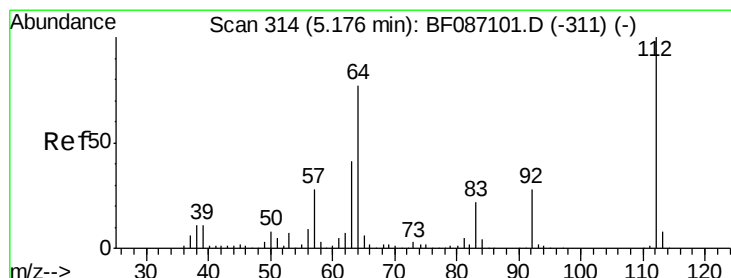
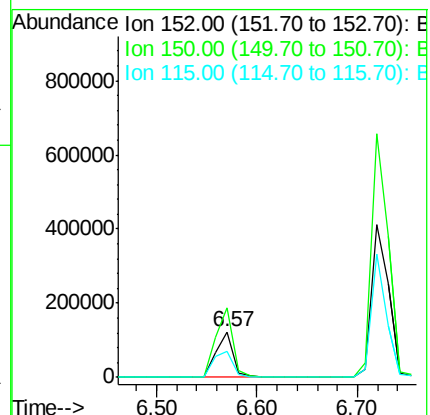
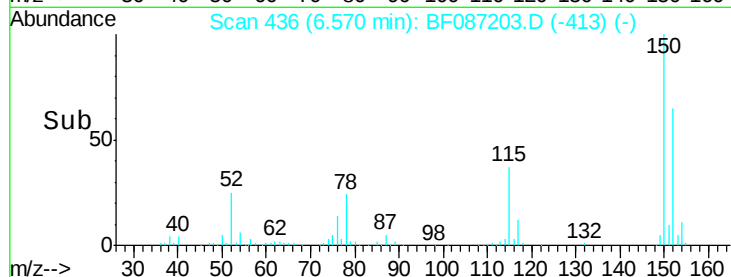
115 57.0 51.5 77.3



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: 144.00 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

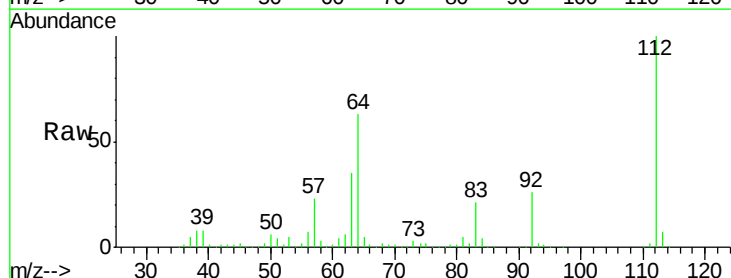
Tgt Ion:112 Resp: 1225381

Ion Ratio Lower Upper

112 100

64 63.2 52.1 78.1

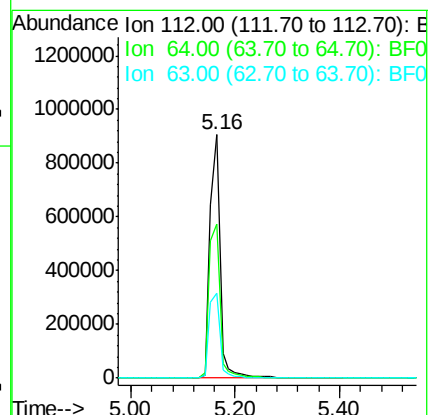
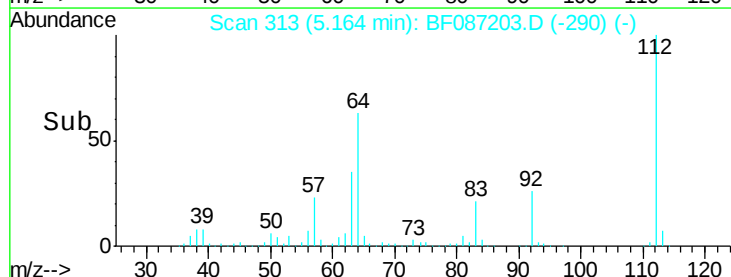
63 34.9 25.7 38.5

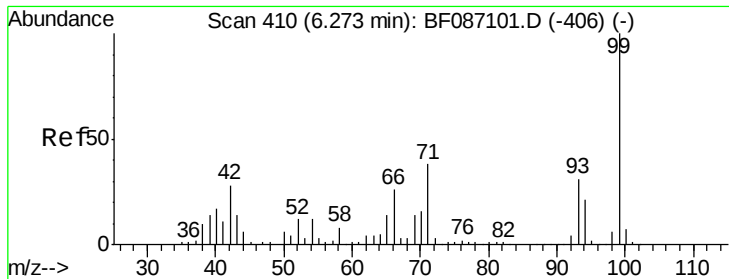


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.42 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

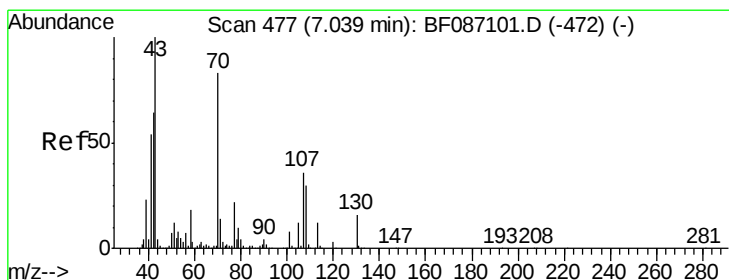
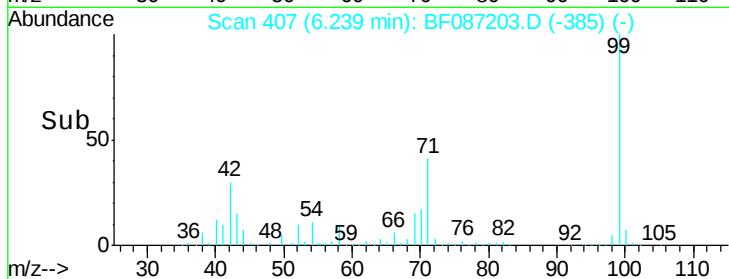
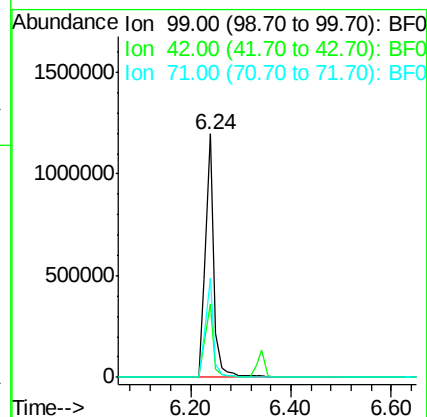
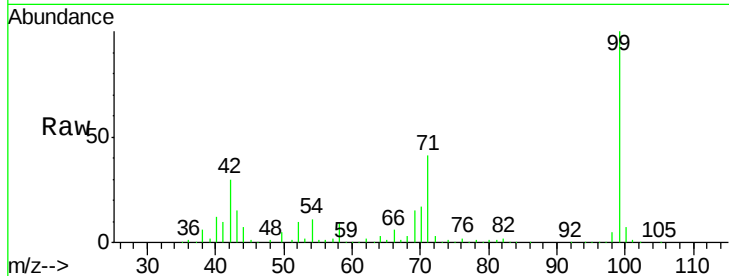
Tgt Ion: 99 Resp: 1408579

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

71 40.7 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 15.49 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.09 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Tgt Ion: 70 Resp: 134404

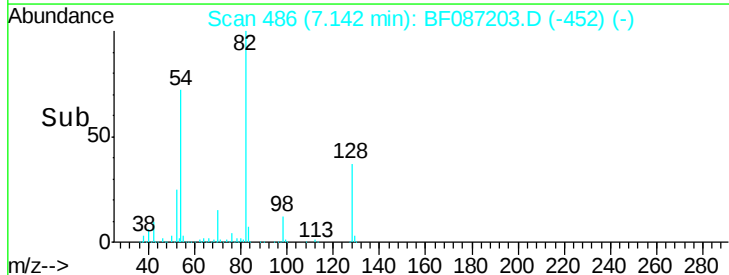
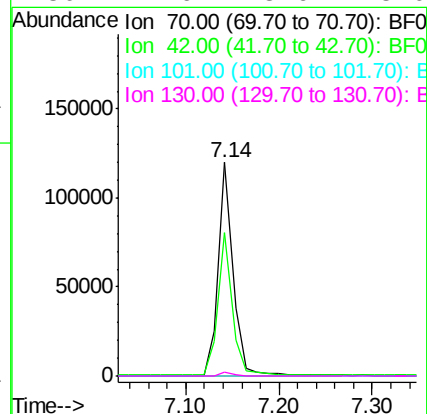
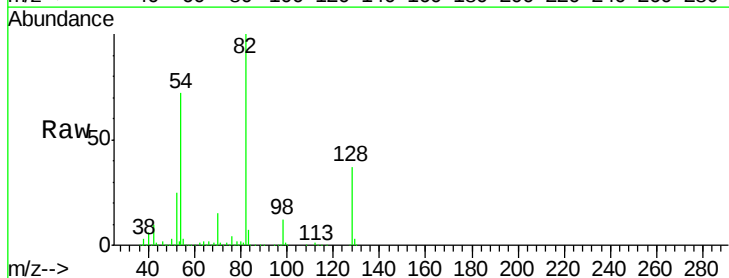
Ion Ratio Lower Upper

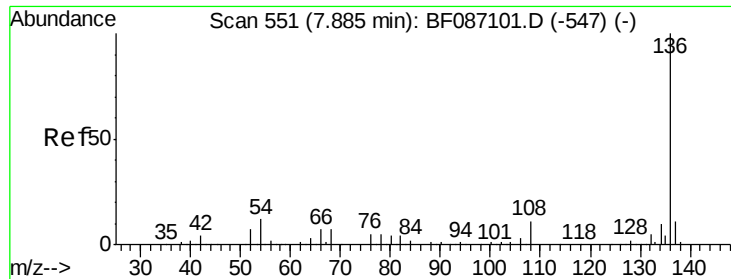
70 100

42 67.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

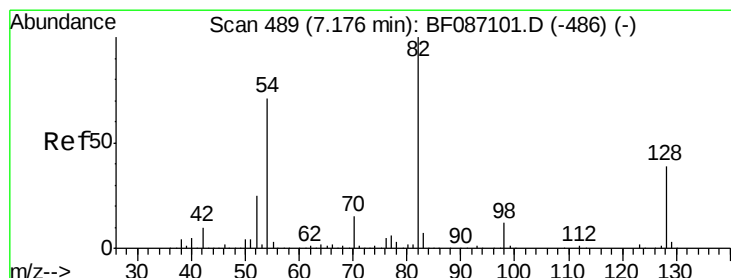
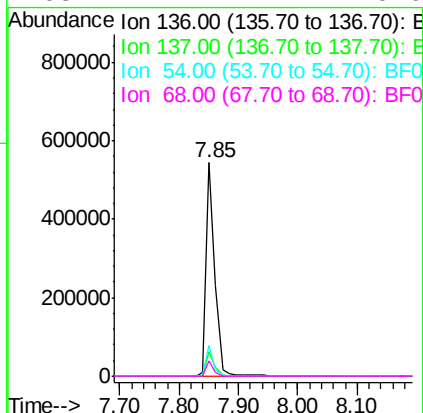
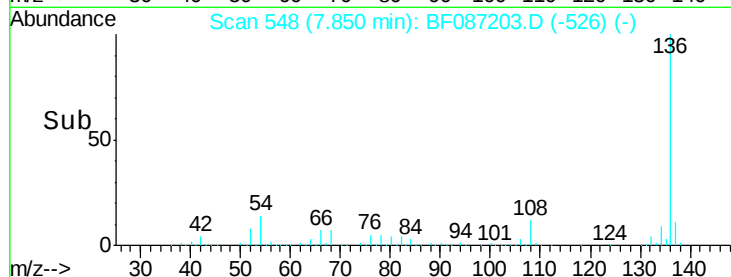
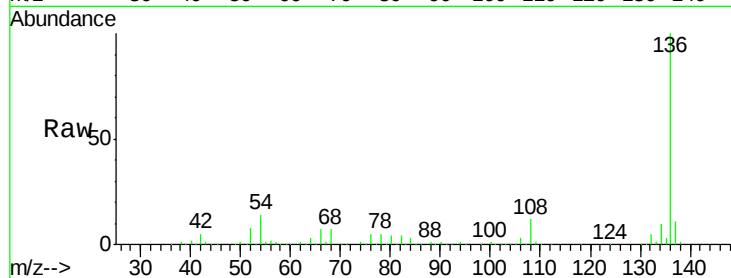




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

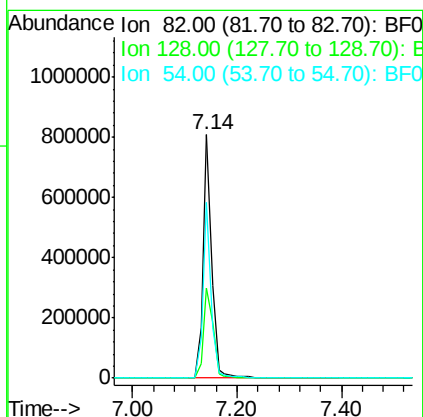
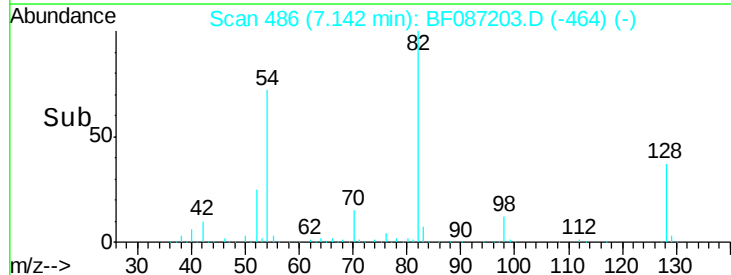
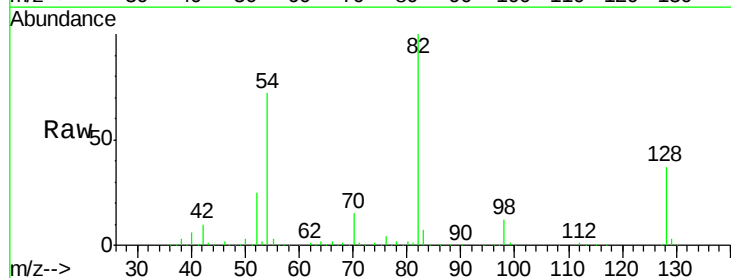
Instrument :
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FB-BWR-BB-R10-C5-2(0-19FT)

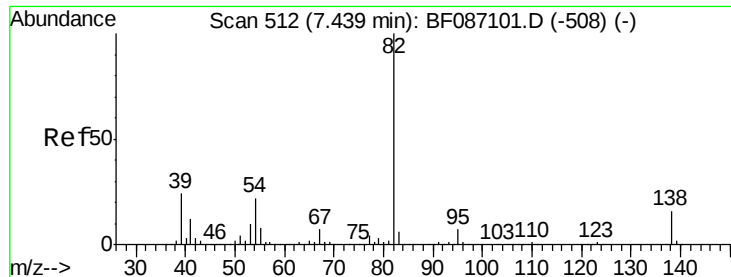
Tgt Ion:	136	Resp:	570183
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.4	5.0	7.4#
68	7.4	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 82.68 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

Tgt Ion:	82	Resp:	945891
Ion	Ratio	Lower	Upper
82	100		
128	37.1	40.6	61.0#
54	72.0	38.1	57.1#





#25

Isophorone

Concen: 39.32 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.31 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

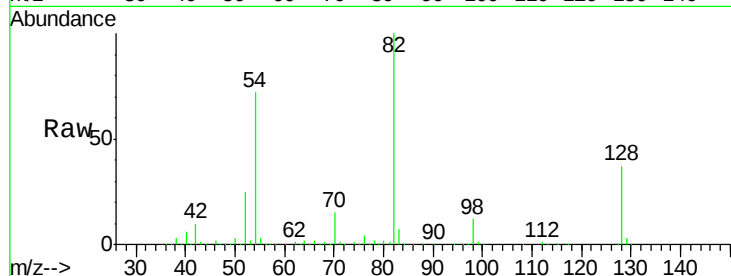
Tgt Ion: 82 Resp: 823431

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

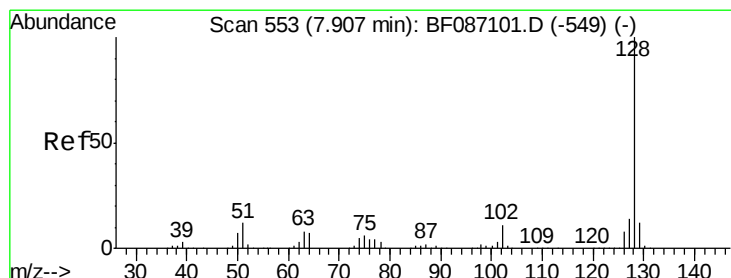
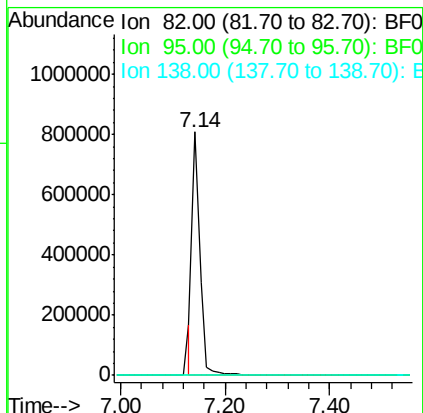
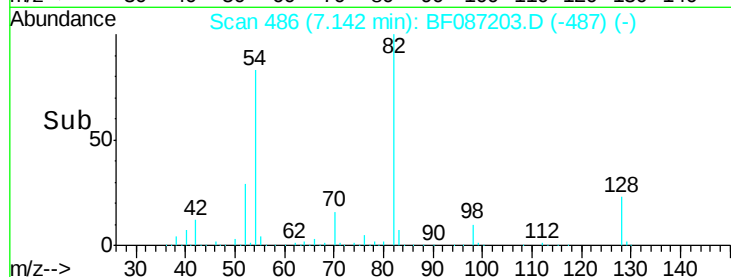
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 2.13 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

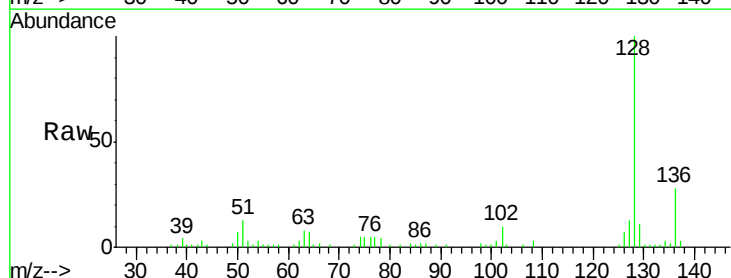
Tgt Ion: 128 Resp: 59429

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

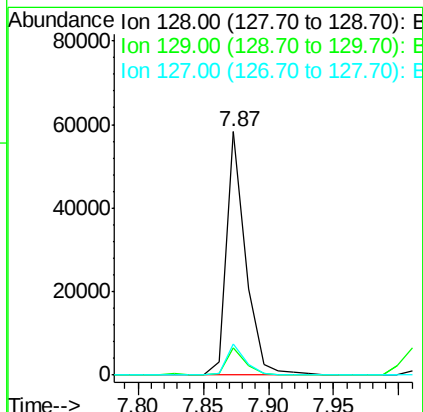
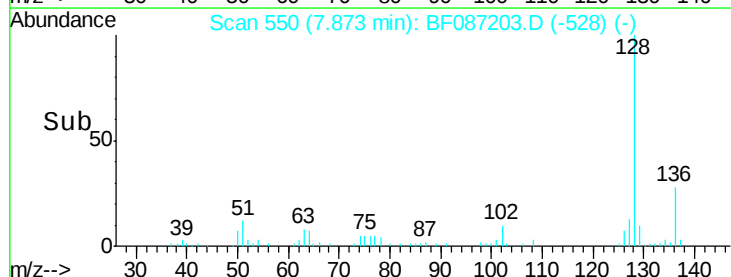
127 12.7 10.8 16.2

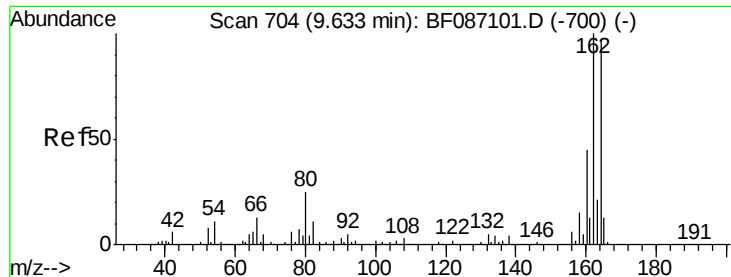


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

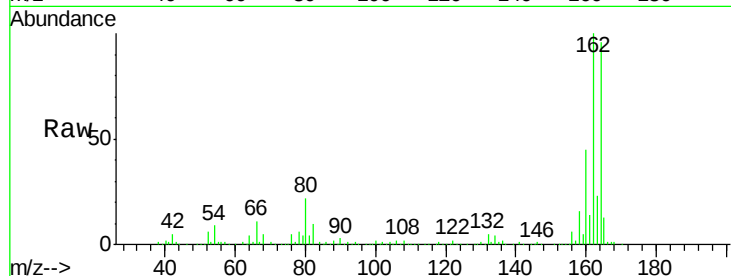




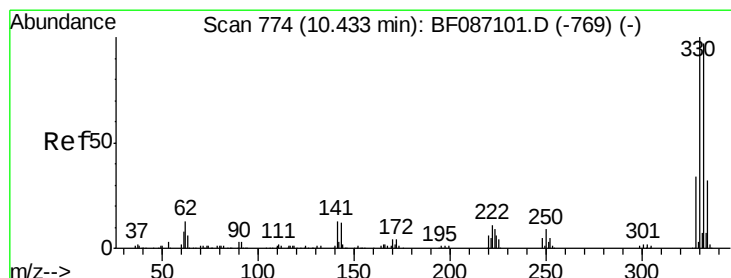
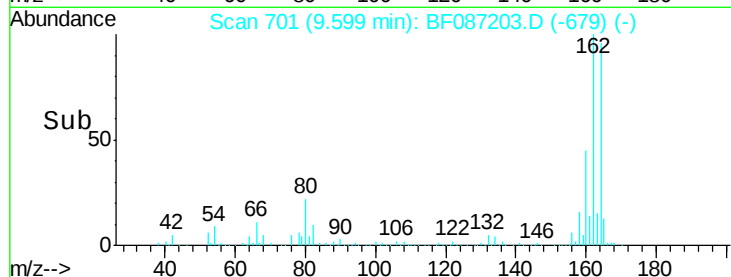
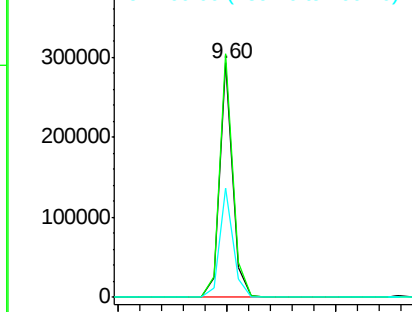
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C5-2(0-19FT)

Tgt Ion:164 Resp: 247308
Ion Ratio Lower Upper
164 100
162 103.8 82.8 124.2
160 46.7 36.9 55.3

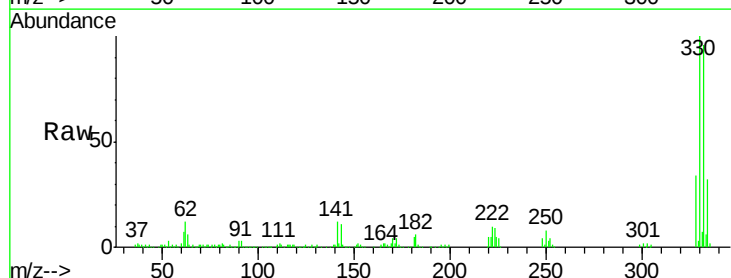


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

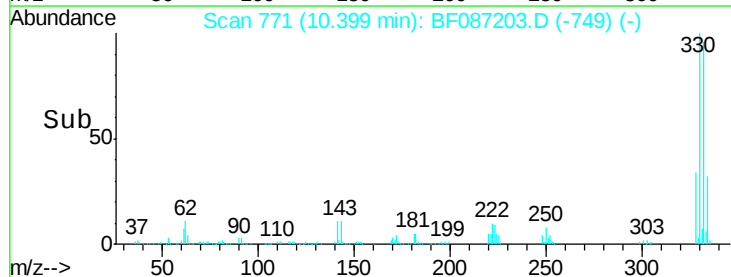
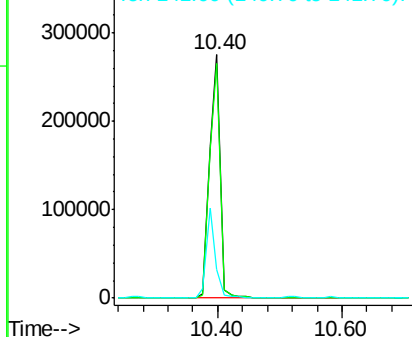


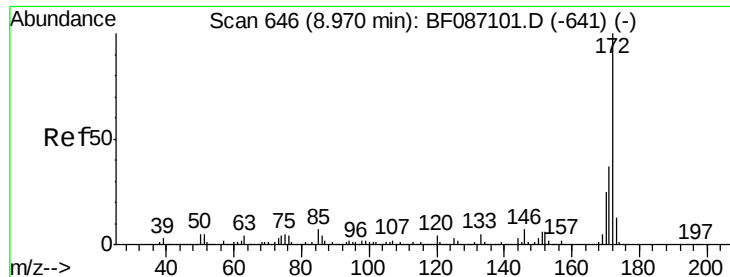
#41
2,4,6-Tribromophenol
Concen: 118.95 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

Tgt Ion:330 Resp: 325071
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 31.6 31.2 46.8



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

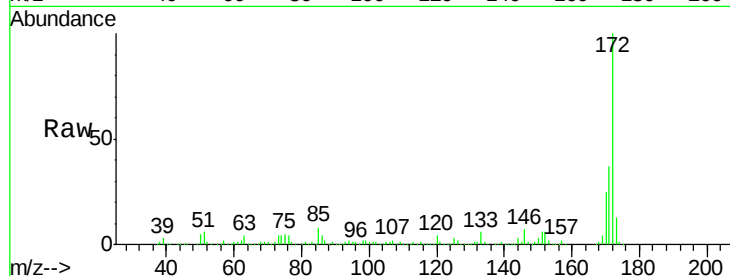




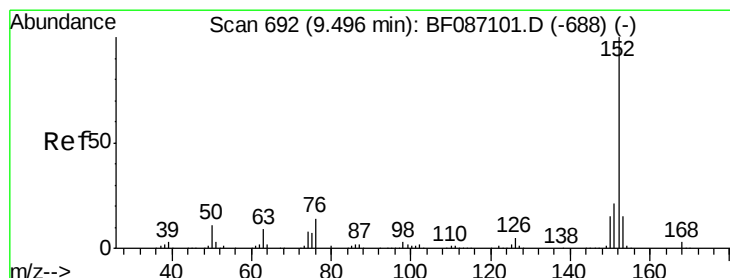
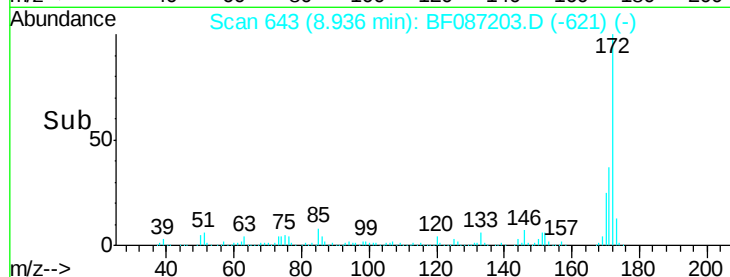
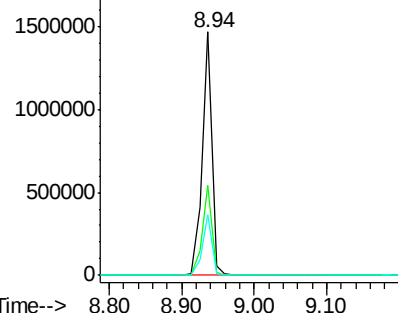
#44
 2-Fluorobiphenyl
 Concen: 91.37 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087203.D
 Acq: 19 May 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C5-2(0-19FT)

Tgt Ion:172 Resp: 1364351
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 24.9 19.8 29.8

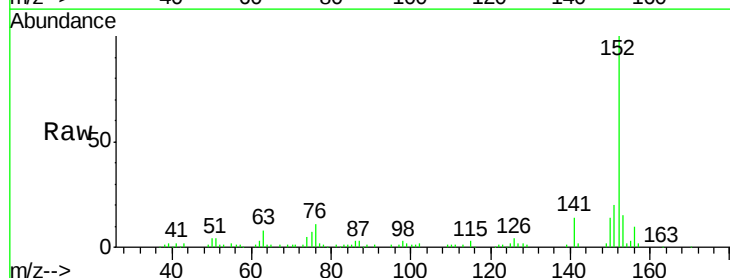


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

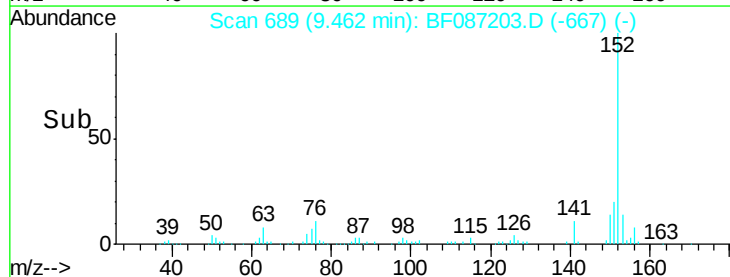
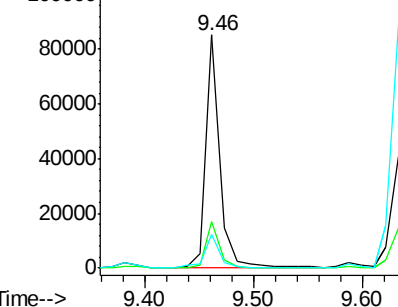


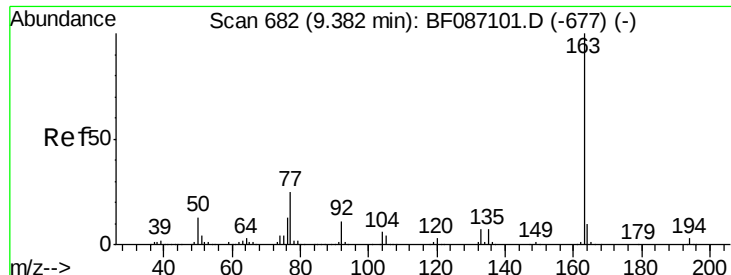
#48
 Acenaphthylene
 Concen: 3.22 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.05 min
 Lab File: BF087203.D
 Acq: 19 May 2016 23:03

Tgt Ion:152 Resp: 77435
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.8 25.2
 153 14.7 10.9 16.3



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

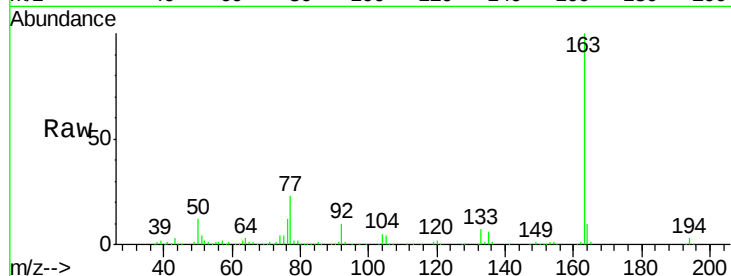




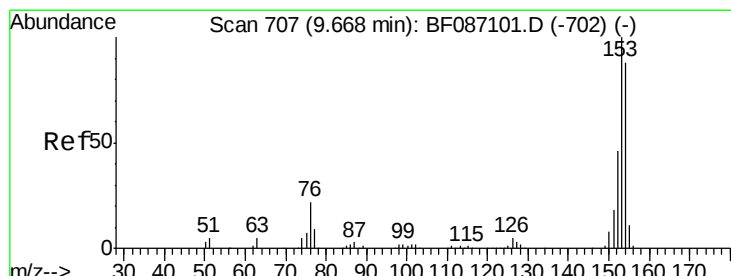
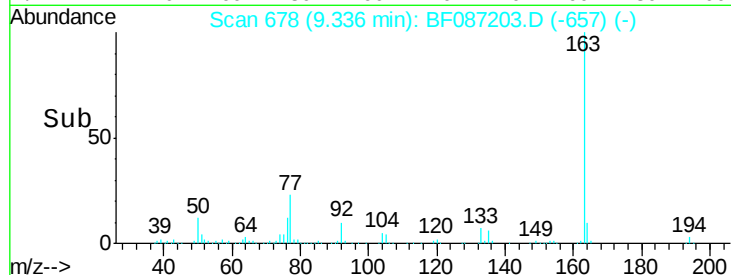
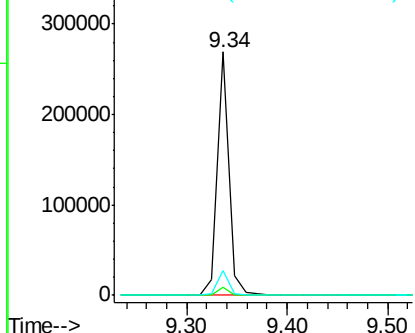
#49
Dimethylphthalate
Concen: 11.51 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C5-2(0-19FT)

Tgt Ion:163 Resp: 217080
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.2 12.4

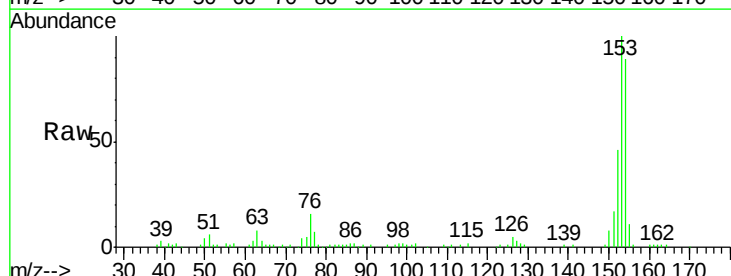


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

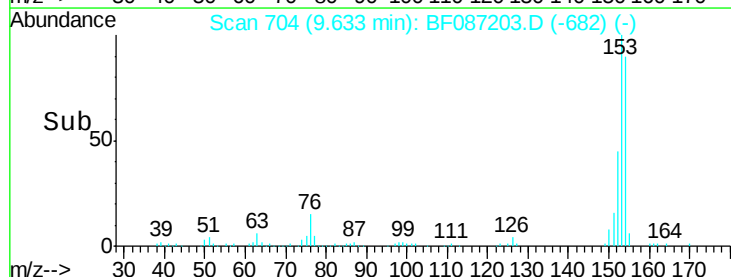
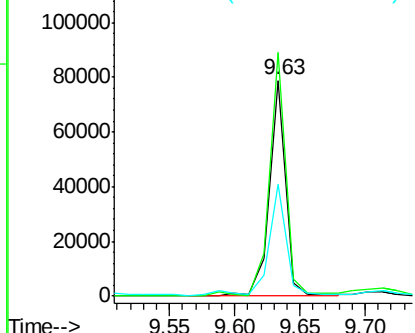


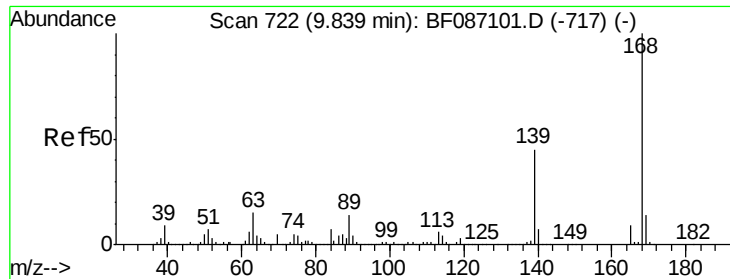
#51
Acenaphthene
Concen: 4.64 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.05 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

Tgt Ion:154 Resp: 69724
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.6
152 52.0 43.4 65.0



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

Dibenzenofuran

Concen: 2.24 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

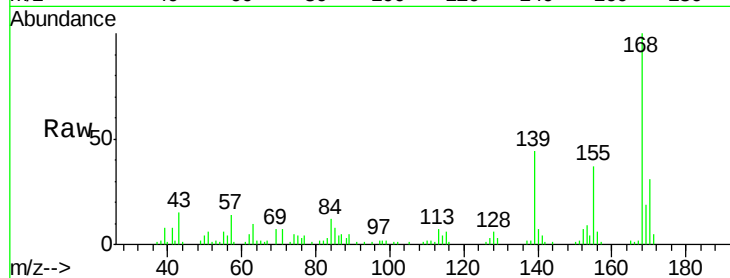
Tgt Ion:168 Resp: 43415

Ion Ratio Lower Upper

168 100

139 43.7 31.4 47.0

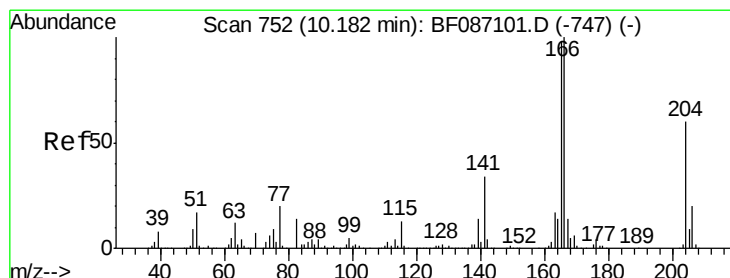
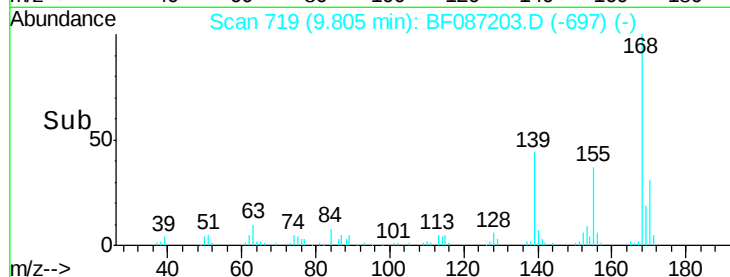
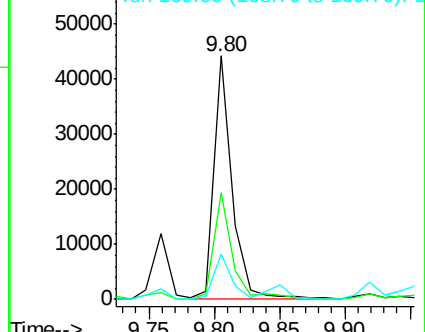
169 18.7 10.7 16.1#



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



#57

Fluorene

Concen: 5.74 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

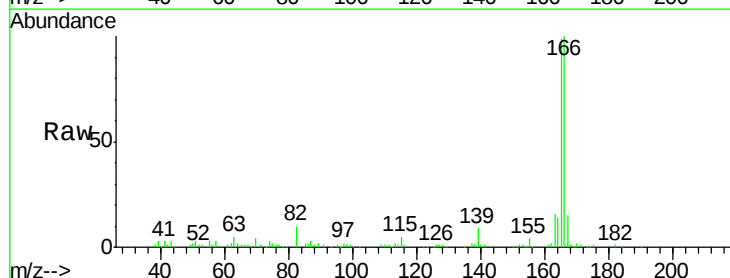
Tgt Ion:166 Resp: 89609

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.6

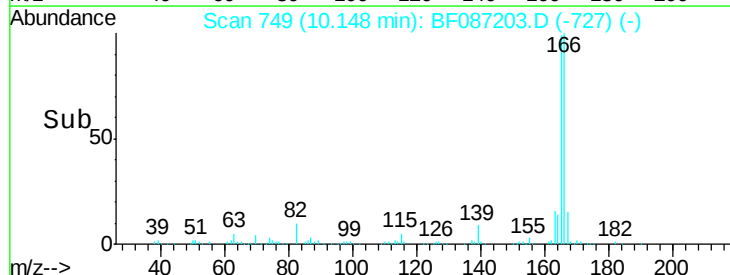
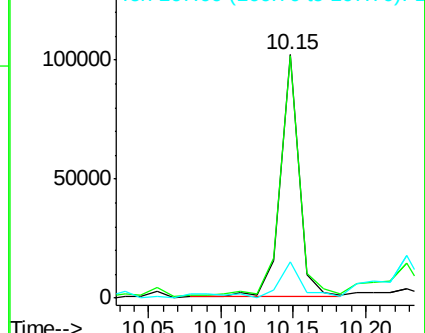
167 14.8 10.6 15.8

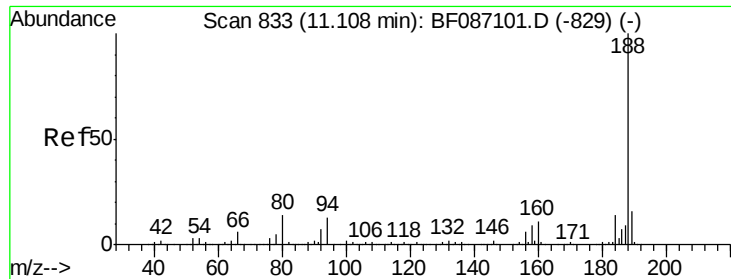


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

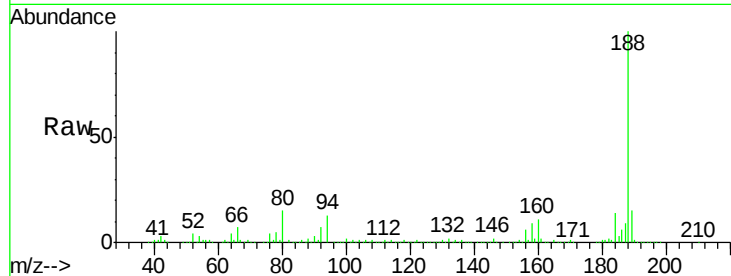




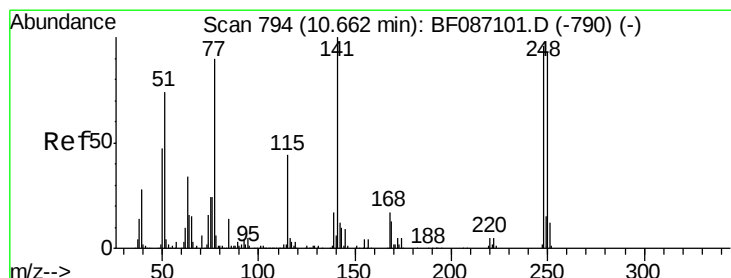
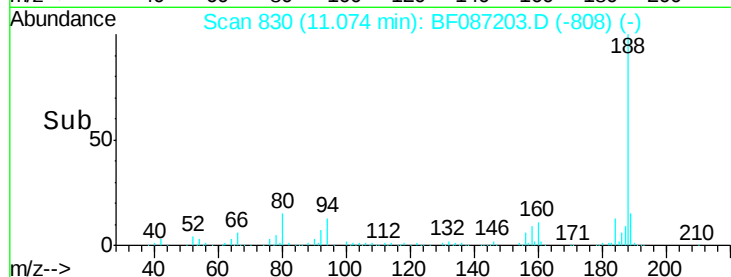
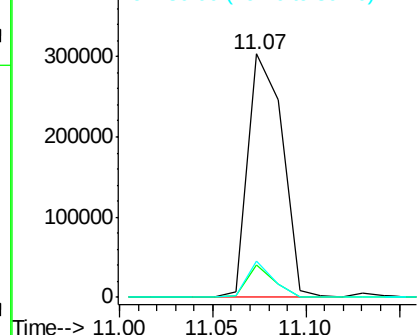
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF087203.D
 Acq: 19 May 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C5-2(0-19FT)

Tgt Ion:188 Resp: 389000
 Ion Ratio Lower Upper
 188 100
 94 13.1 6.8 10.2#
 80 14.9 7.1 10.7#

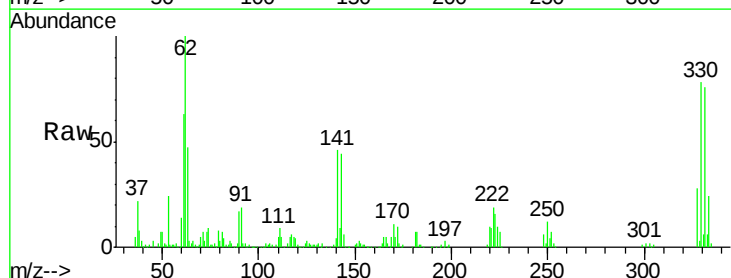


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

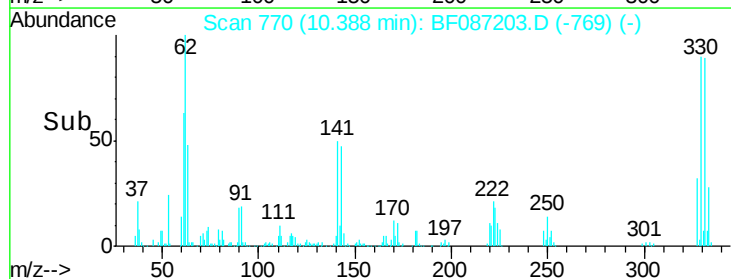
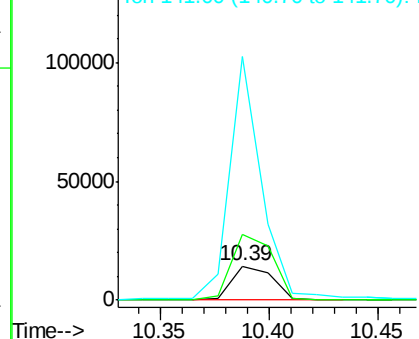


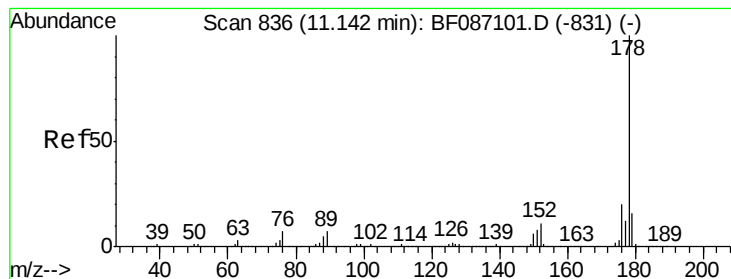
#66
 4-Bromophenyl-phenylether
 Concen: 4.55 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.29 min
 Lab File: BF087203.D
 Acq: 19 May 2016 23:03

Tgt Ion:248 Resp: 18196
 Ion Ratio Lower Upper
 248 100
 250 193.3 78.6 117.8#
 141 721.8 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 47.93 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

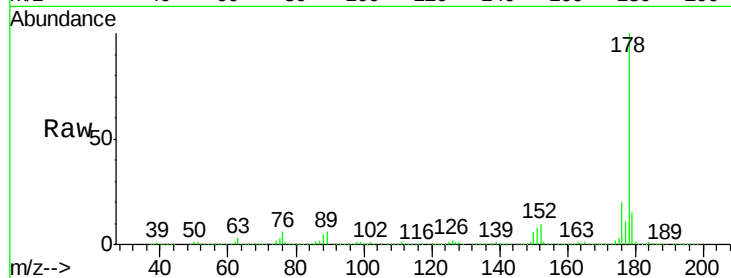
Tgt Ion:178 Resp: 1011210

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

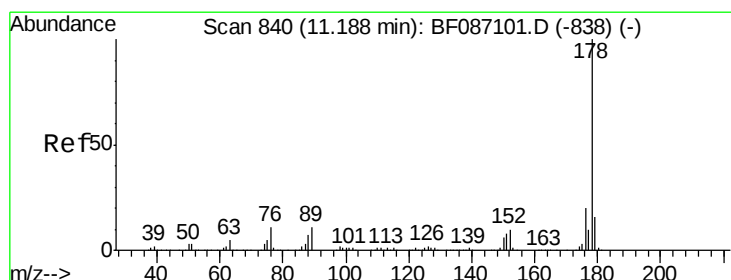
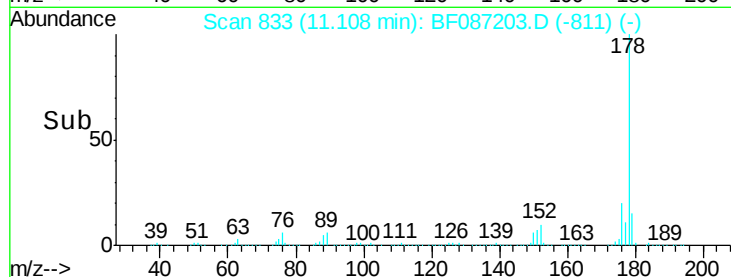
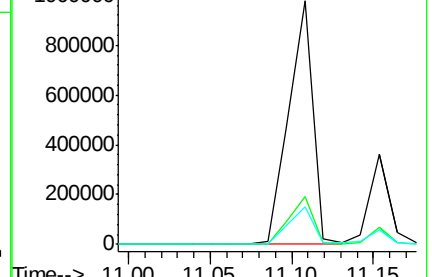
179 15.3 12.6 18.8



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: 14.46 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

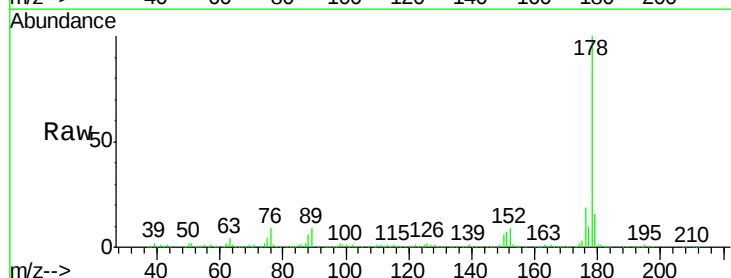
Tgt Ion:178 Resp: 308566

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

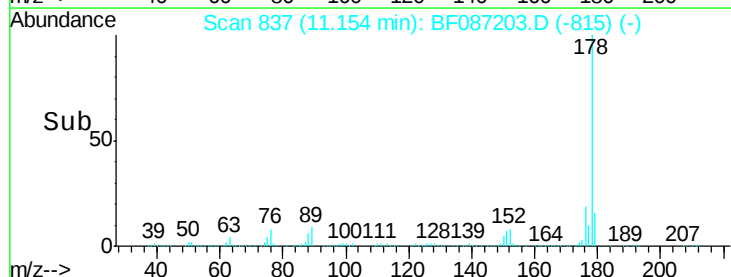
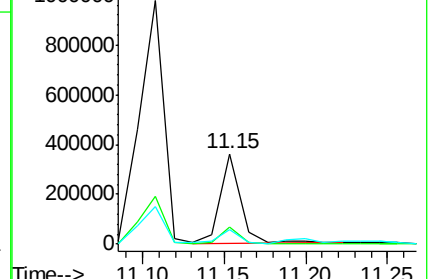
179 15.9 12.7 19.1

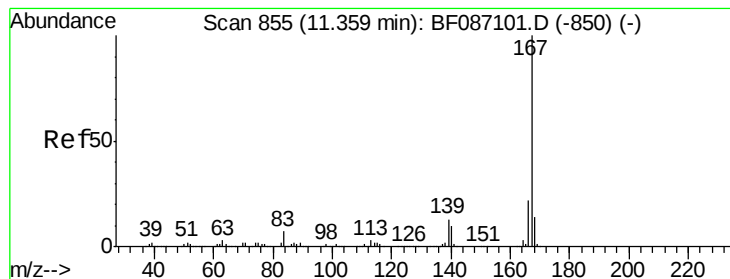


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.01 ng

RT: 11.33 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

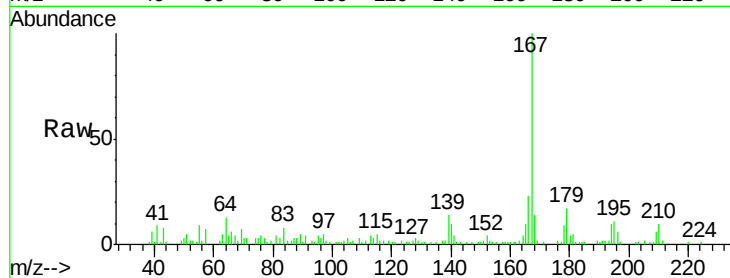
Tgt Ion:167 Resp: 39242

Ion Ratio Lower Upper

167 100

166 23.4 17.7 26.5

139 13.9 10.8 16.2

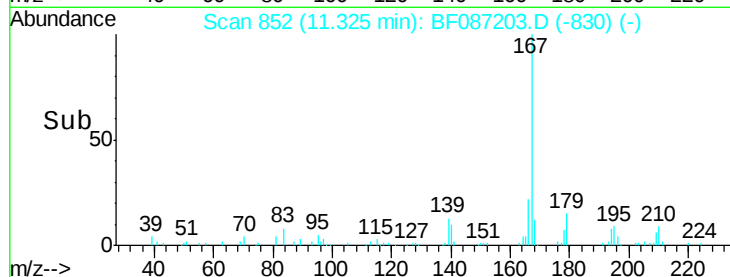


Abundance Ion 167.00 (166.70 to 167.70): E

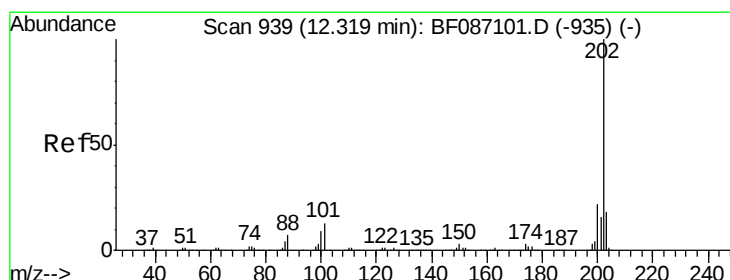
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: 48.87 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

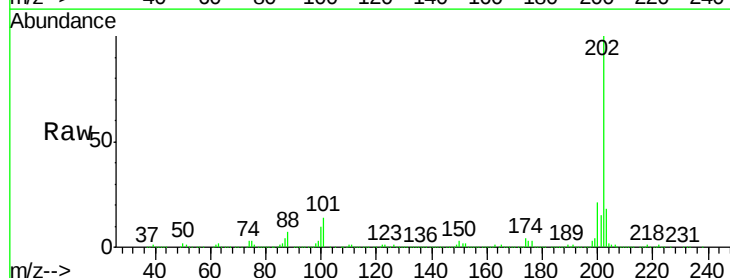
Tgt Ion:202 Resp: 1032949

Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.4

203 18.2 0.0 38.1

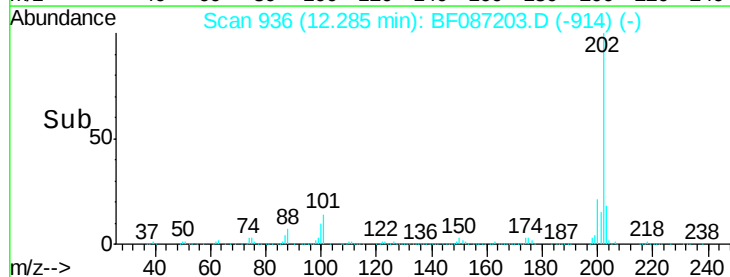


Abundance Ion 202.00 (201.70 to 202.70): E

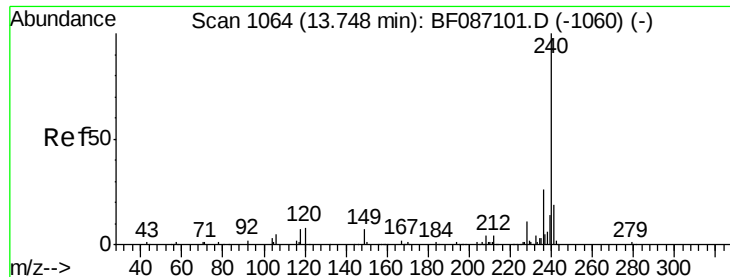
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

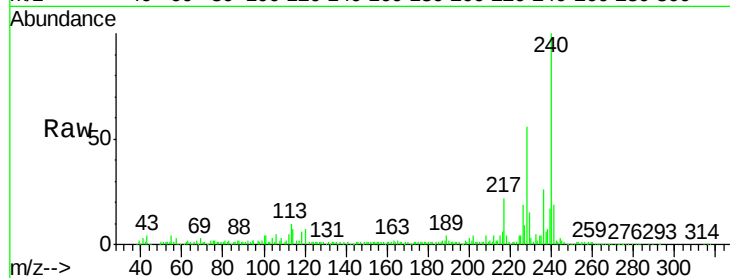
Tgt Ion:240 Resp: 264457

Ion Ratio Lower Upper

240 100

120 6.9 11.2 16.8#

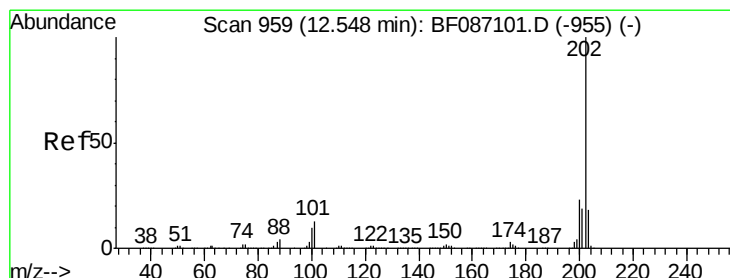
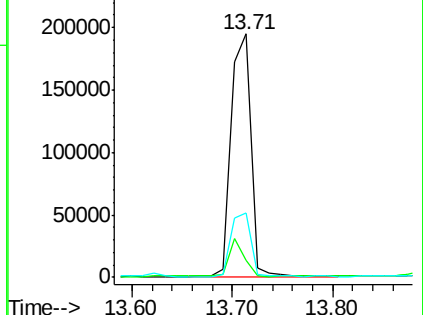
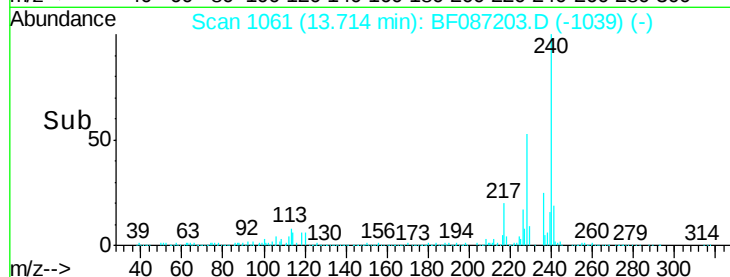
236 26.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 63.03 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

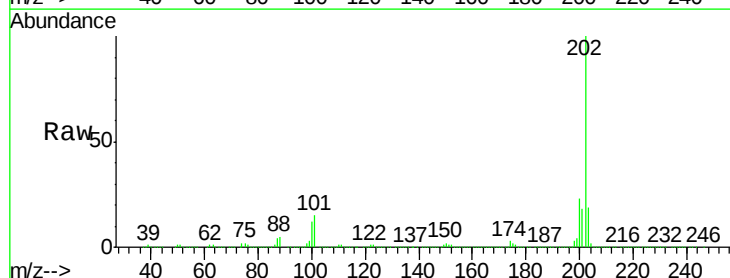
Tgt Ion:202 Resp: 1204183

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

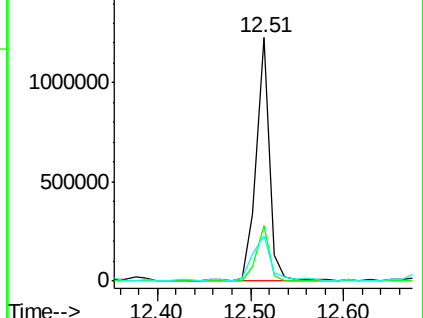
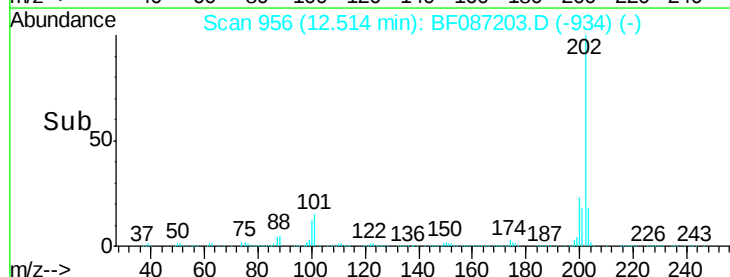
203 18.5 14.2 21.4

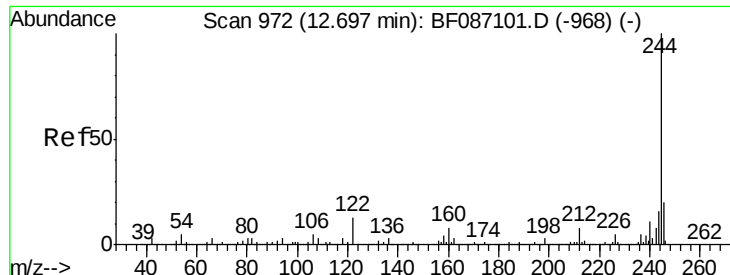


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

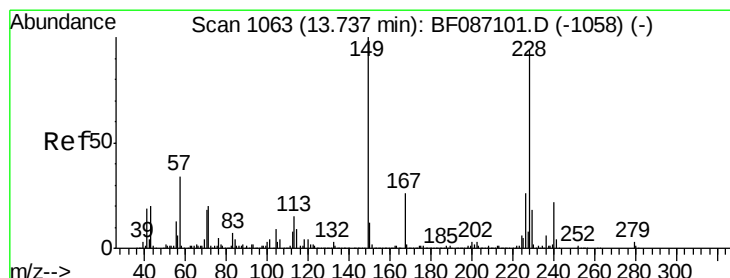
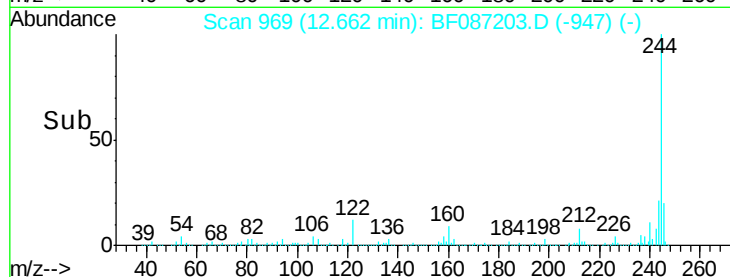
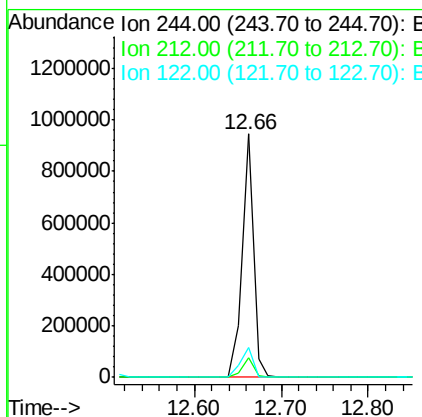
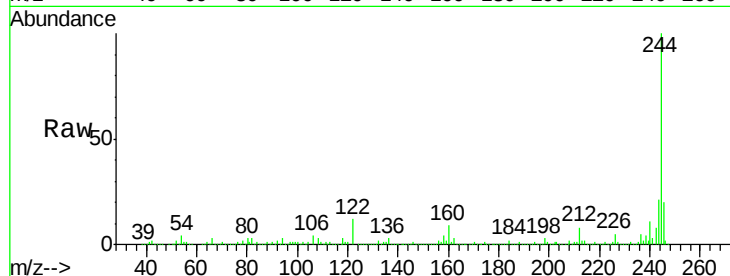




#78
 Terphenyl-d14
 Concen: 72.35 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087203.D
 Acq: 19 May 2016 23:03

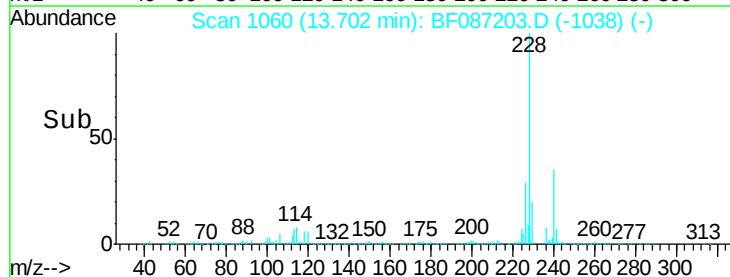
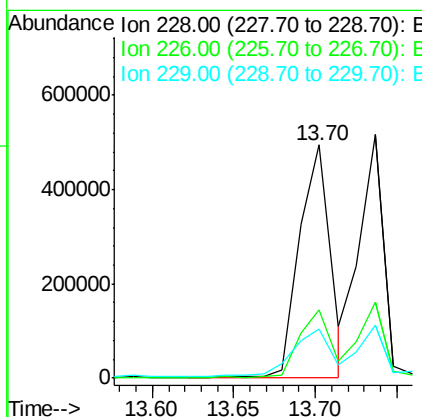
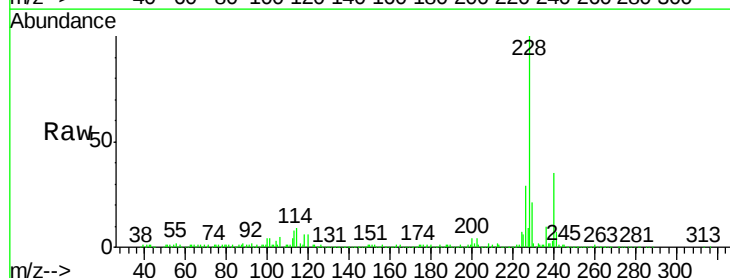
Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C5-2(0-19FT)

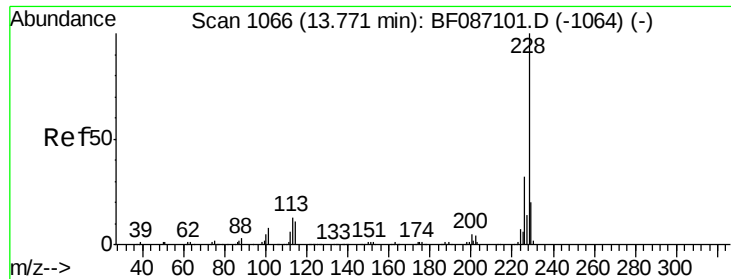
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.0	12.0	18.0



#80
 Benzo(a)anthracene
 Concen: 42.51 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.05 min
 Lab File: BF087203.D
 Acq: 19 May 2016 23:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.5	33.7
229	20.9	16.6	25.0

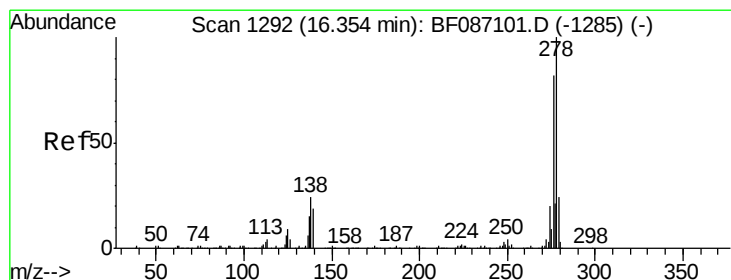
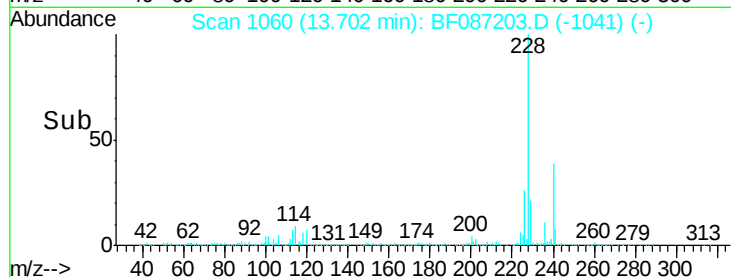
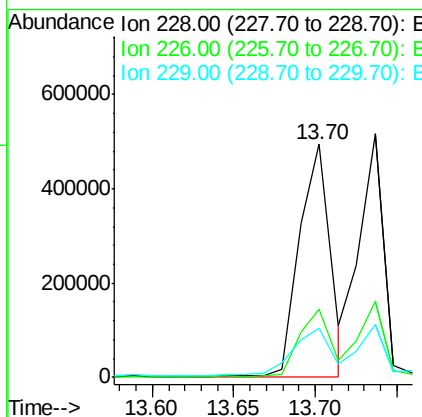
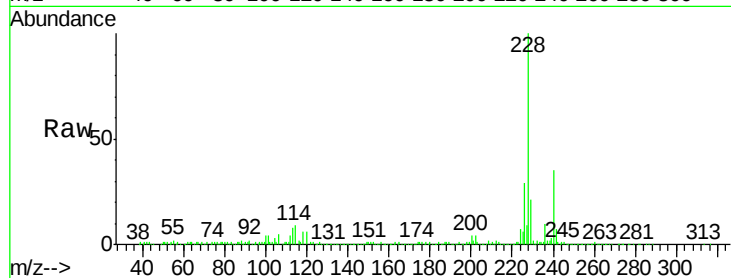




#82
Chrysene
Concen: 43.93 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.08 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

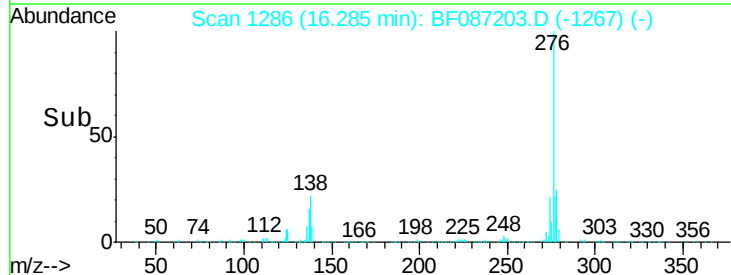
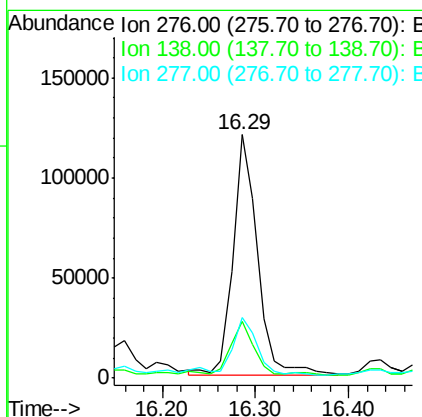
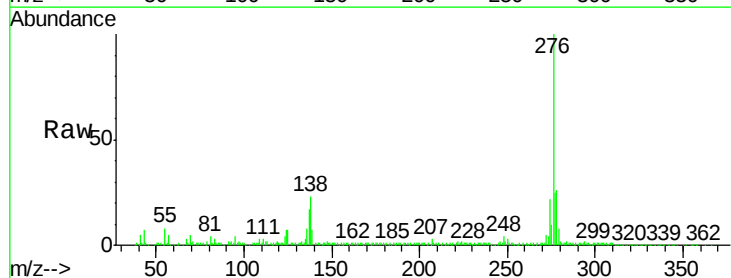
Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C5-2(0-19FT)

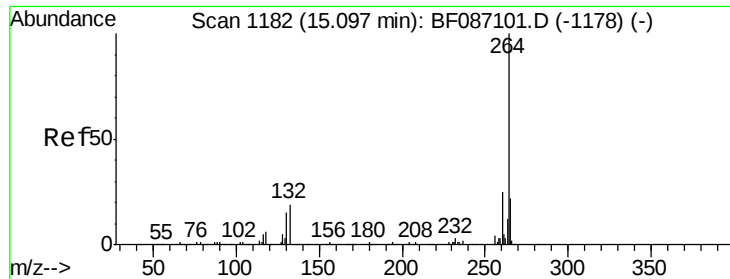
Tgt Ion: 228 Resp: 649968
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 20.9 15.8 23.8



#85
Indeno(1,2,3-cd)pyrene
Concen: 16.84 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

Tgt Ion: 276 Resp: 218699
Ion Ratio Lower Upper
276 100
138 22.9 25.6 38.4#
277 27.9 20.5 30.7





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

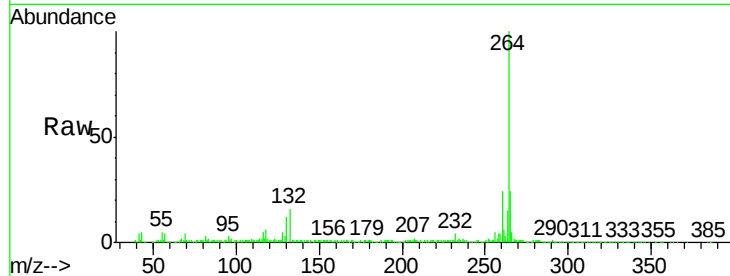
Tgt Ion:264 Resp: 275665

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

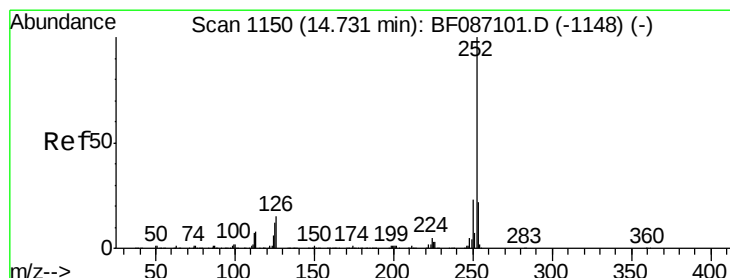
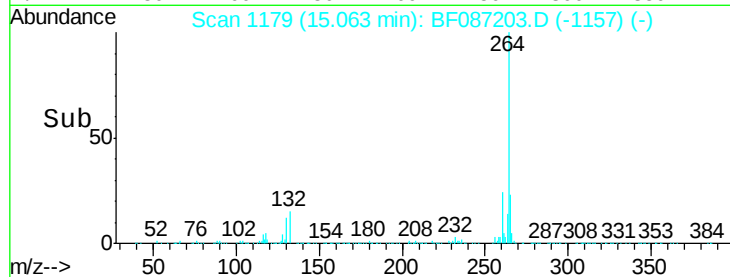
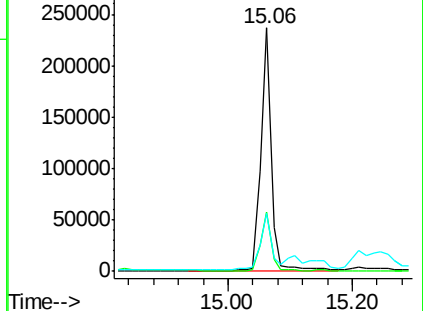
265 23.6 17.3 25.9



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: 41.85 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

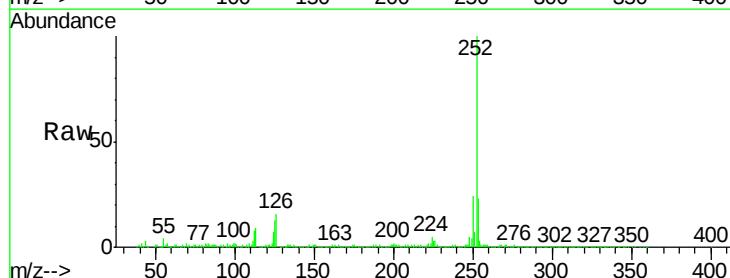
Tgt Ion:252 Resp: 765311

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

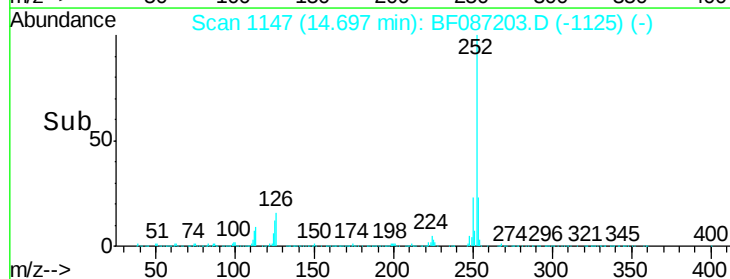
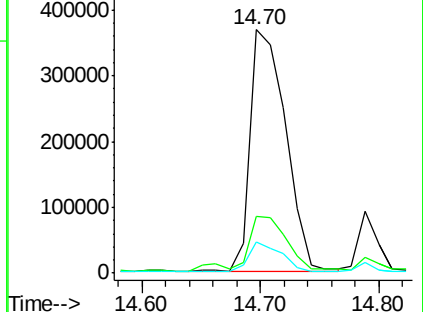
125 13.0 11.4 17.0

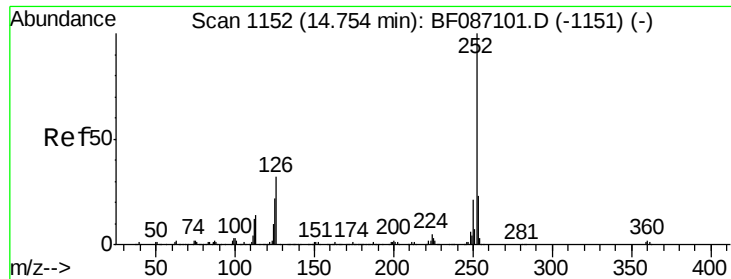


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

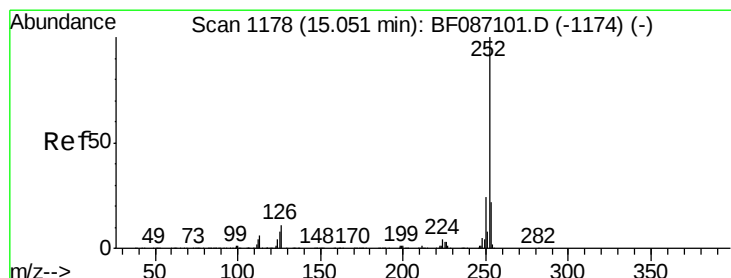
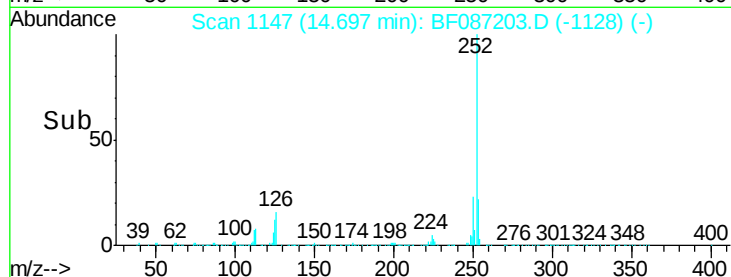
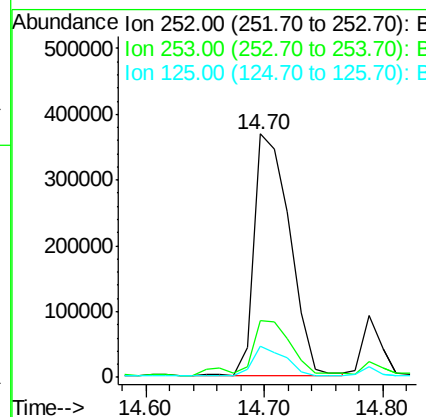
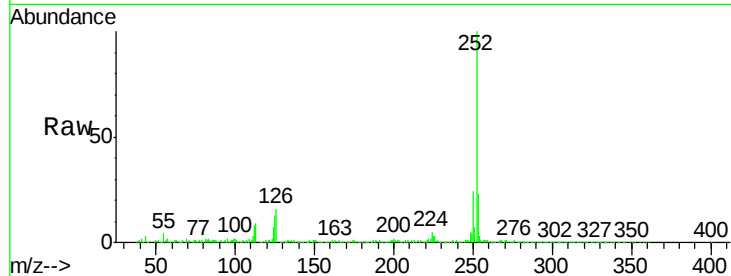




#88
Benzo(k)fluoranthene
Concen: 56.21 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

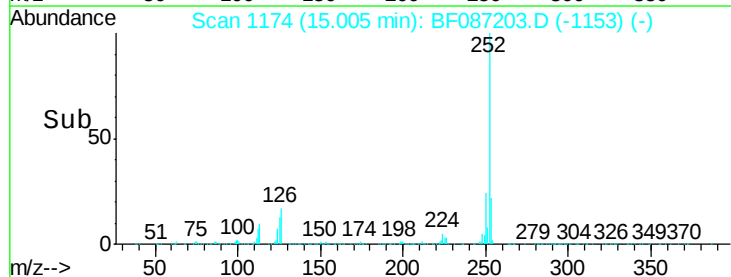
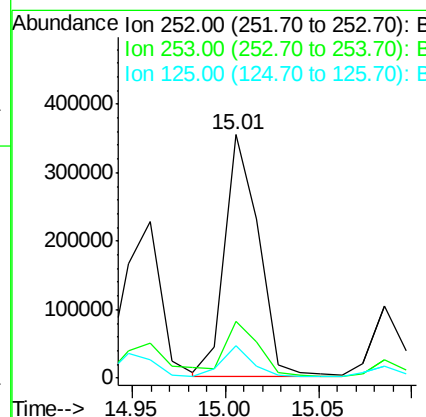
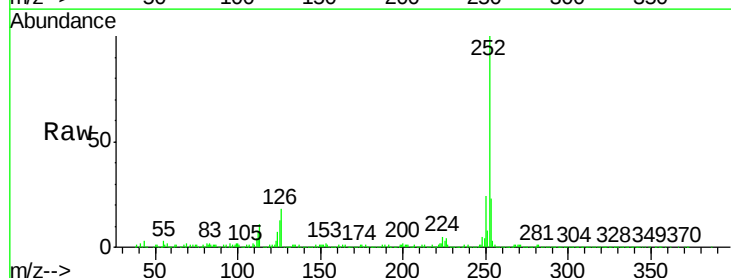
Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C5-2(0-19FT)

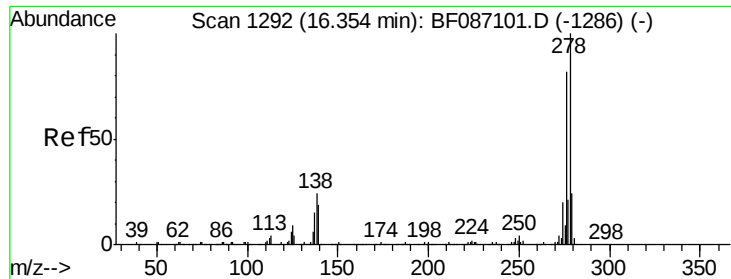
Tgt Ion: 252 Resp: 765311
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 13.0 9.1 13.7



#89
Benzo(a)pyrene
Concen: 29.34 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BF087203.D
Acq: 19 May 2016 23:03

Tgt Ion: 252 Resp: 448466
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 13.4 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 4.32 ng

RT: 16.43 min Scan# 1299

Delta R.T. 0.06 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

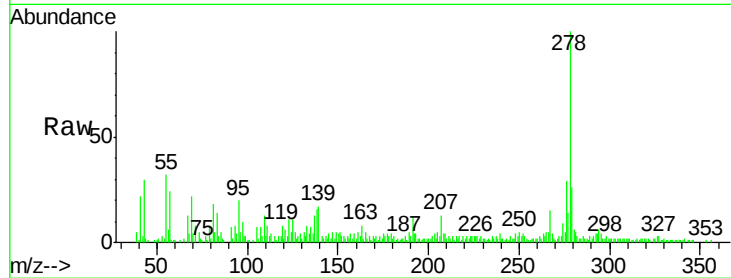
Tgt Ion:278 Resp: 55556

Ion Ratio Lower Upper

278 100

139 17.2 16.6 24.8

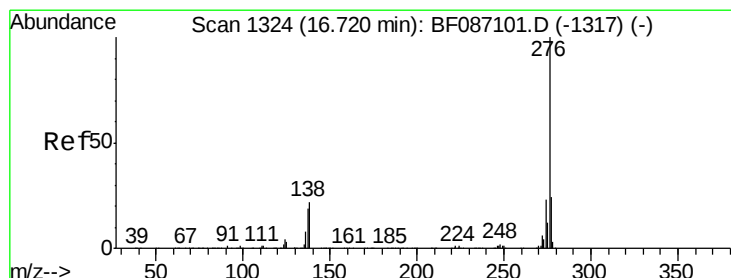
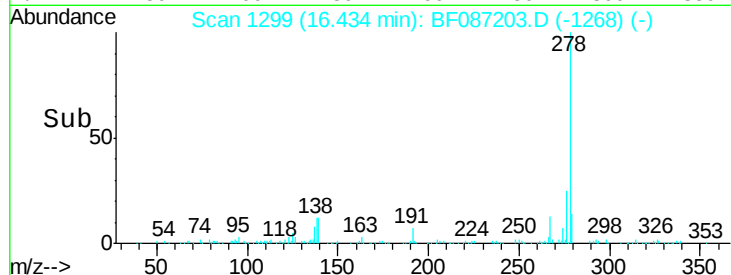
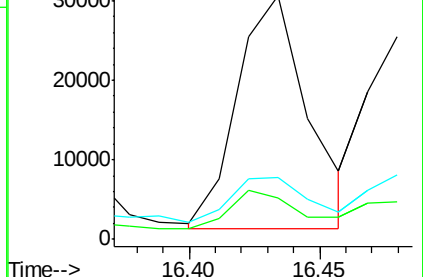
279 25.6 19.6 29.4



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: 15.45 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF087203.D

Acq: 19 May 2016 23:03

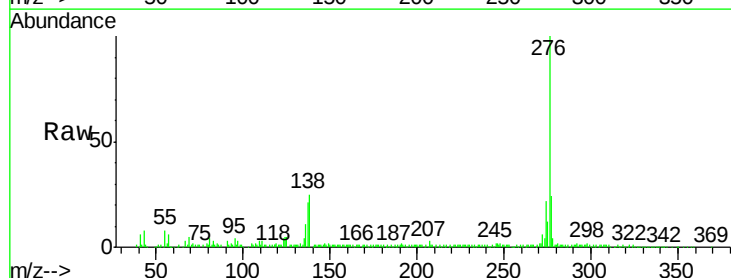
Tgt Ion:276 Resp: 200865

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 25.0 23.6 35.4



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

