

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079729.D
 Acq On : 5 Jun 2015 6:10
 Operator : TP/IZ
 Sample : G2456-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-02-ALLOCCO

Quant Time: Jun 06 04:21:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 06 03:31:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	62440	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	244488	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	121191	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	255417	20.00	ng	0.02
75) Chrysene-d12	15.19	240	280435m	20.00	ng	0.21
86) Perylene-d12	17.21	264	258459m	20.00	ng	0.30

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.12	112	188383	51.73	ng	0.00
7) Phenol-d6	7.10	99	374205	78.94	ng	0.00
23) Nitrobenzene-d5	8.06	82	193720	48.24	ng	-0.01
41) 2,4,6-Tribromophenol	11.37	330	7335	6.74	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	541805	64.73	ng	0.00
78) Terphenyl-d14	13.84	244	669398	56.24	ng	0.10

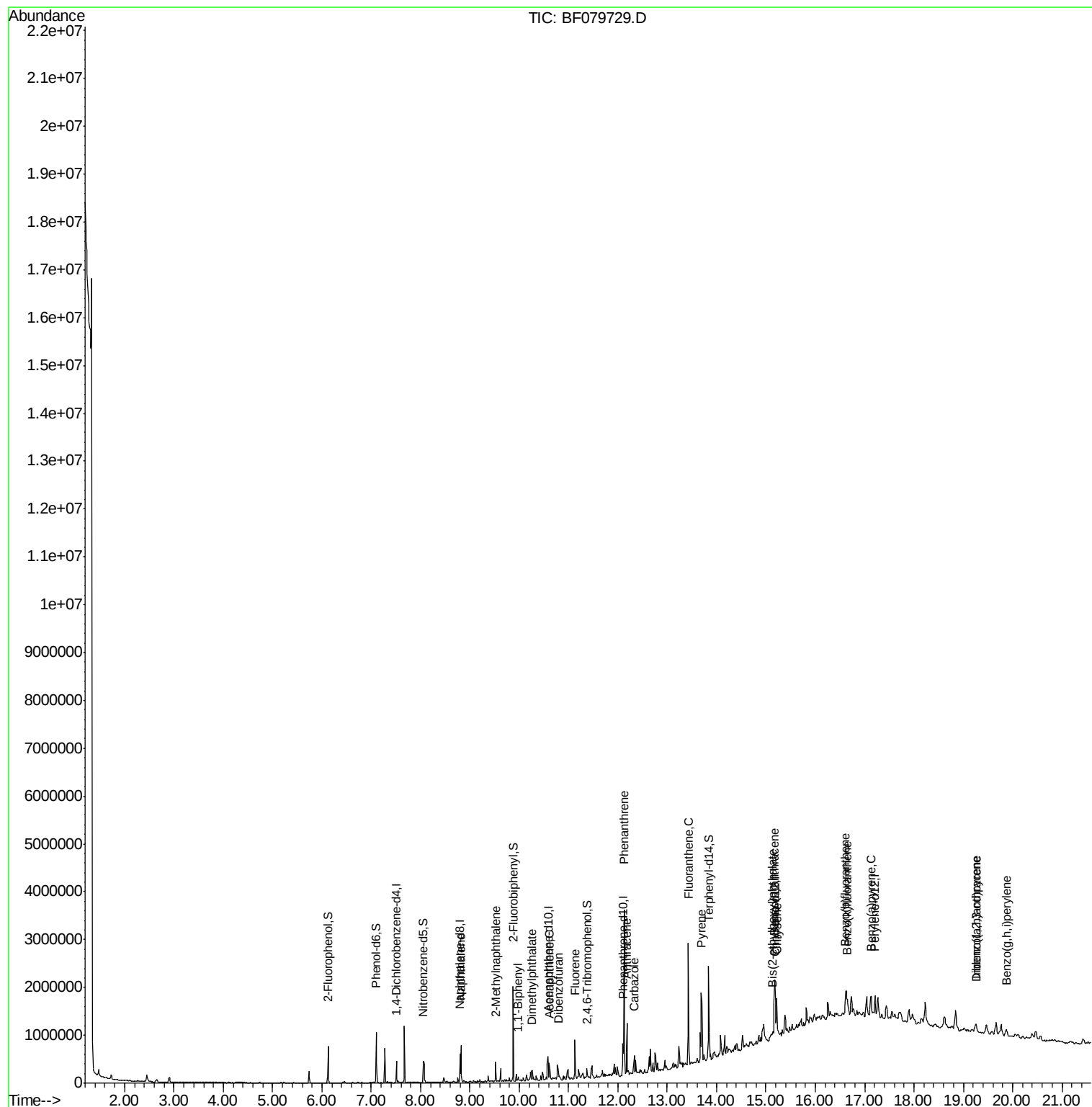
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.82	128	303883	22.56	ng	99
37) 2-Methylnaphthalene	9.52	142	103351	11.37	ng	98
45) 1,1'-Biphenyl	9.98	154	26264	2.71	ng	91
49) Dimethylphthalate	10.26	163	43827	4.69	ng	# 98
51) Acenaphthene	10.60	154	98371	12.33	ng	97
54) Dibenzofuran	10.79	168	155398	13.59	ng	95
57) Fluorene	11.13	166	208528	21.34	ng	99
70) Phenanthrene	12.12	178	1231636	82.90	ng	99
71) Anthracene	12.18	178	497621	33.85	ng	100
72) Carbazole	12.33	167	173955	12.69	ng	99
74) Fluoranthene	13.43	202	1062155	65.90	ng	100
77) Pyrene	13.69	202	886681	50.88	ng	99
80) Benzo(a)anthracene	15.18	228	460496m	26.86	ng	
82) Chrysene	15.22	228	432236m	26.94	ng	
83) Bis(2-ethylhexyl)phthalate	15.13	149	43501m	4.13	ng	
85) Indeno(1,2,3-cd)pyrene	19.26	276	148894m	8.22	ng	
87) Benzo(b)fluoranthene	16.62	252	409119m	24.54	ng	
88) Benzo(k)fluoranthene	16.64	252	180352m	11.34	ng	
89) Benzo(a)pyrene	17.13	252	310942m	20.41	ng	
90) Dibenzo(a,h)anthracene	19.27	278	46690m	3.32	ng	
91) Benzo(g,h,i)perylene	19.87	276	145844m	10.14	ng	

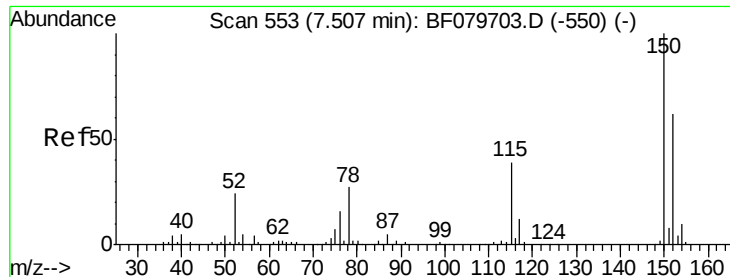
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

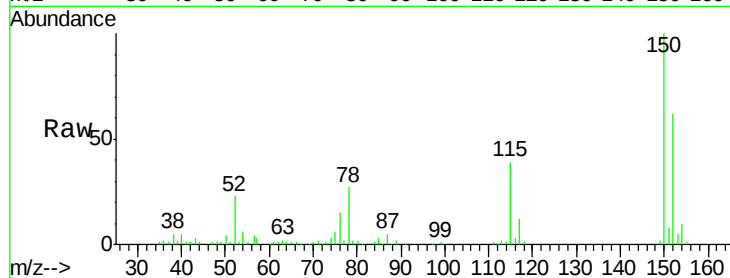
Tgt Ion:152 Resp: 62440

Ion Ratio Lower Upper

152 100

150 161.3 128.1 192.1

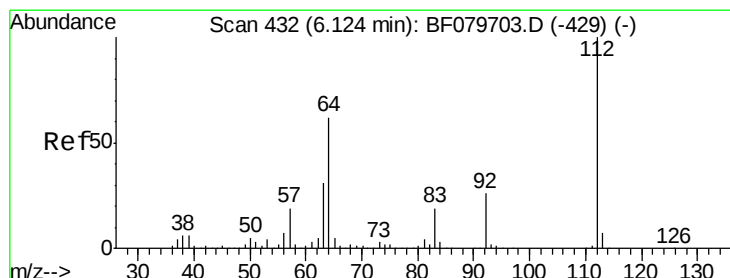
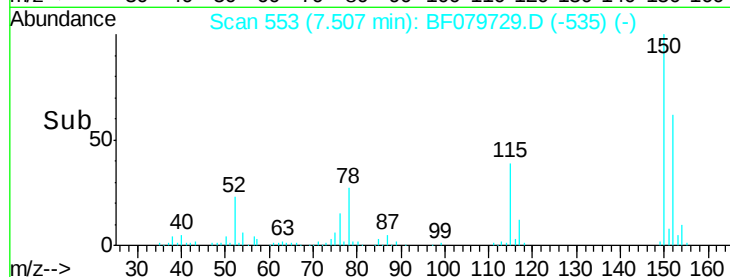
115 62.3 49.7 74.5



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: 51.73 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

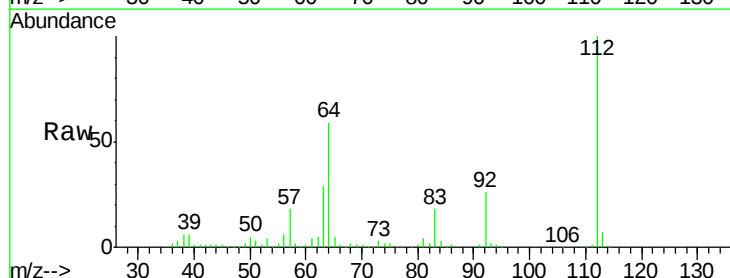
Tgt Ion:112 Resp: 188383

Ion Ratio Lower Upper

112 100

64 59.2 49.6 74.4

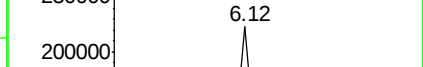
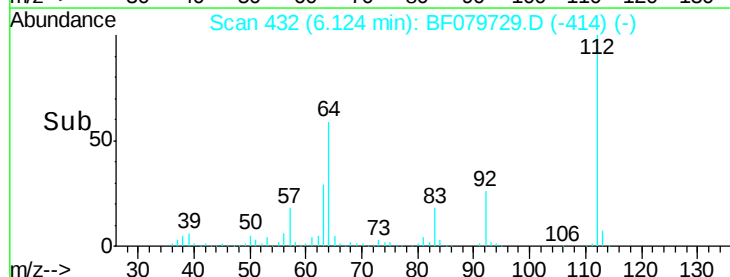
63 29.4 24.9 37.3

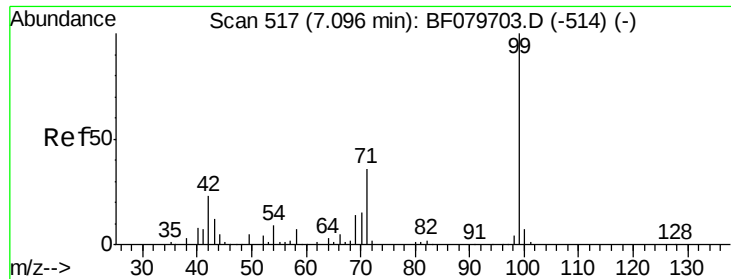


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.94 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

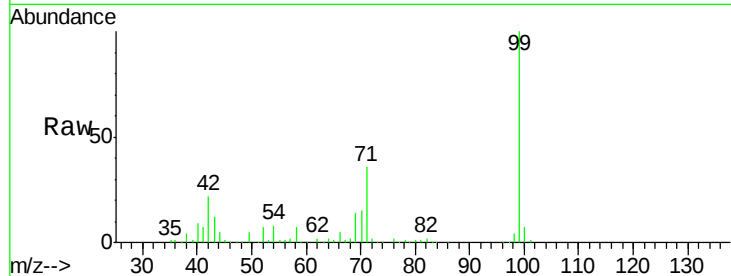
Tgt Ion: 99 Resp: 374205

Ion Ratio Lower Upper

99 100

42 21.6 18.0 27.0

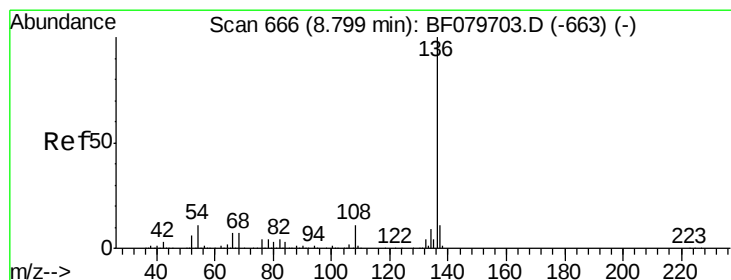
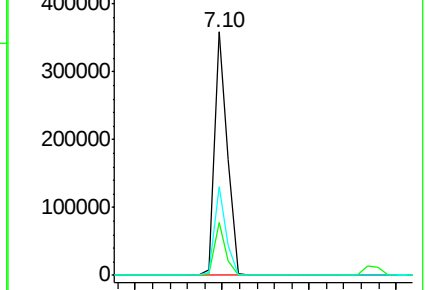
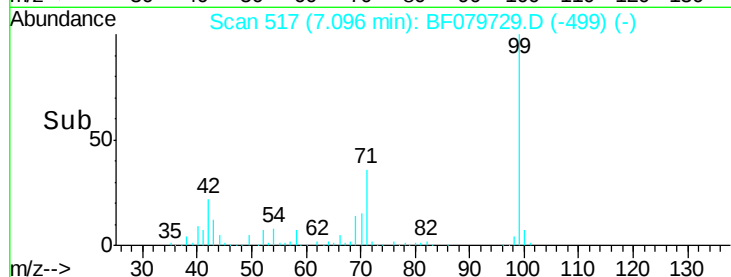
71 36.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Tgt Ion: 136 Resp: 244488

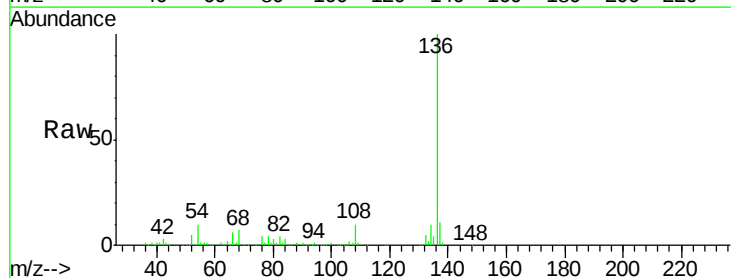
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.6 8.7 13.1

68 6.9 5.8 8.8

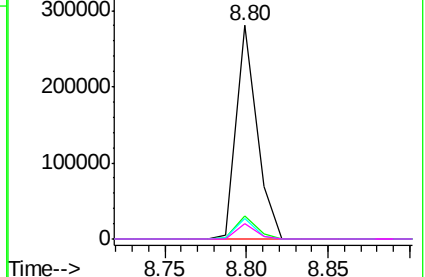
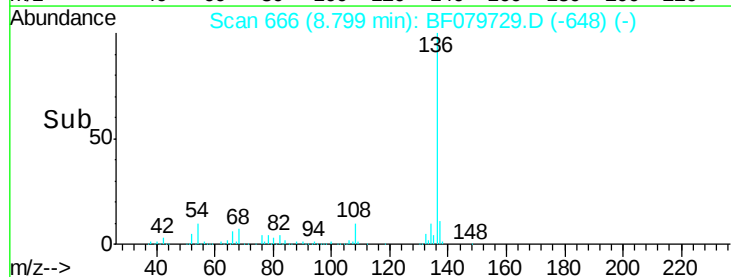


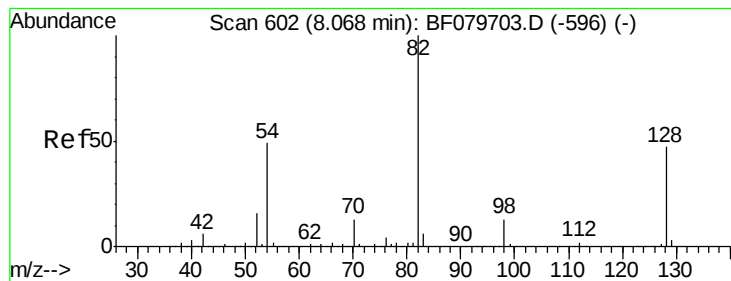
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 48.24 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

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FILL-02-ALLOCCO

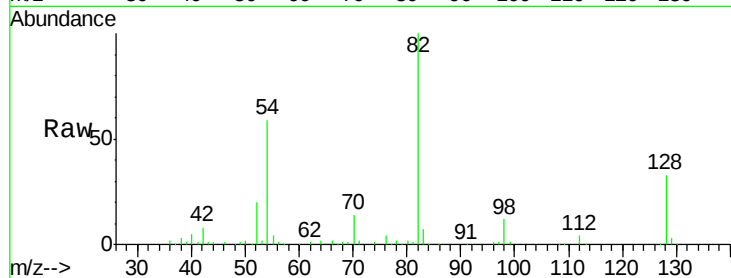
Tgt Ion: 82 Resp: 193720

Ion Ratio Lower Upper

82 100

128 32.9 37.6 56.4#

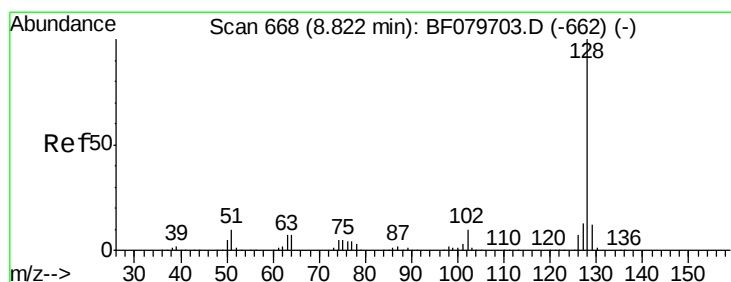
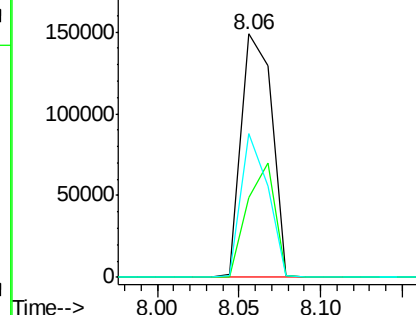
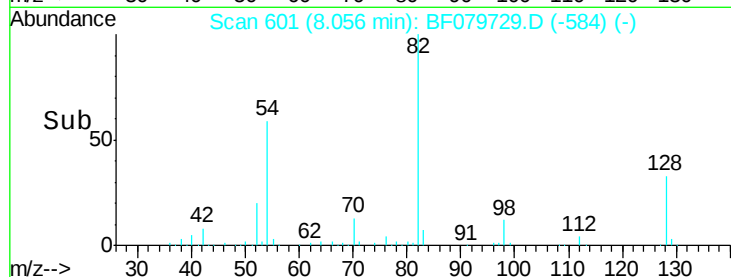
54 59.2 39.4 59.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 22.56 ng

RT: 8.82 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

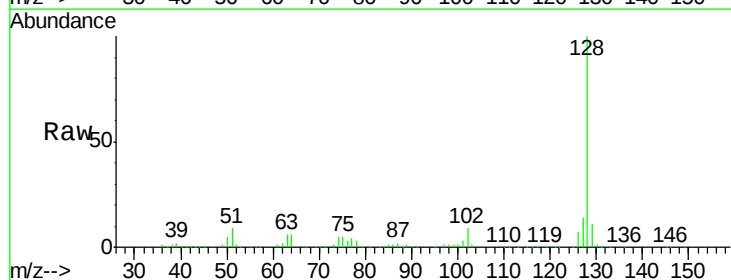
Tgt Ion: 128 Resp: 303883

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

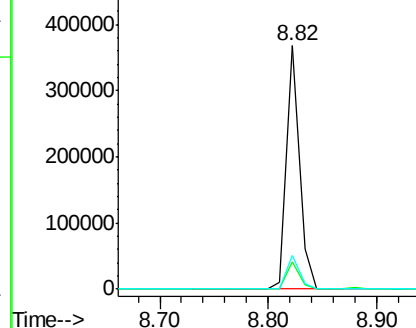
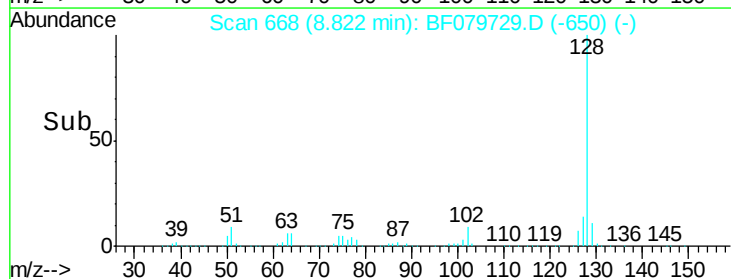
127 13.6 10.7 16.1

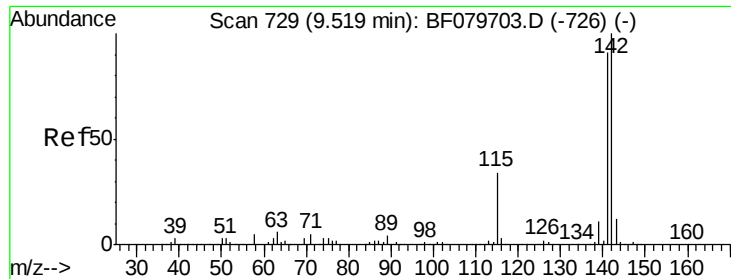


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

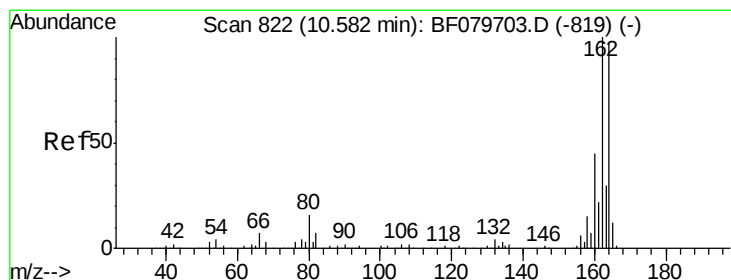
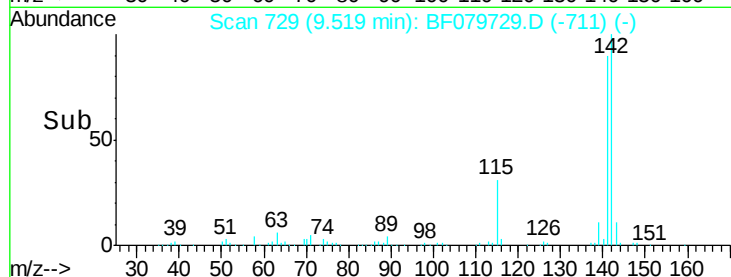
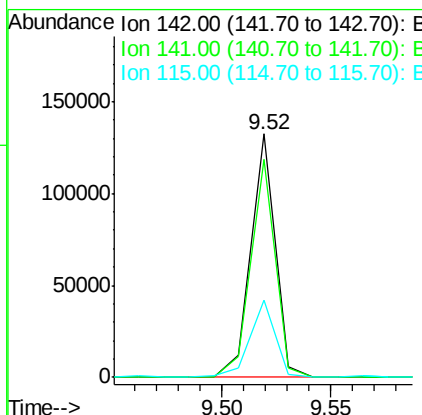
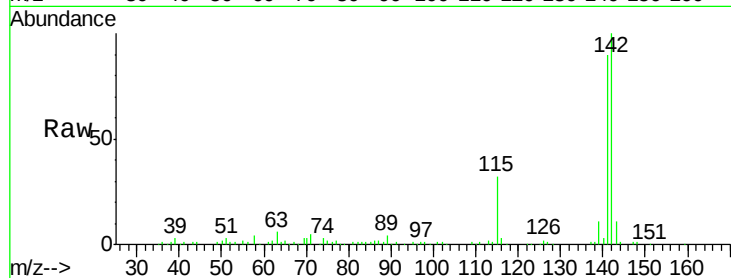




#37
2-Methylnaphthalene
Concen: 11.37 ng
RT: 9.52 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF079729.D
Acq: 5 Jun 2015 6:10

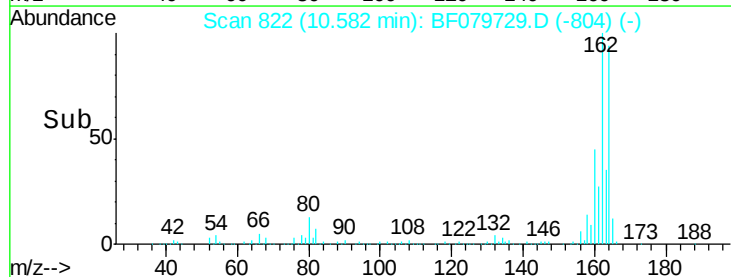
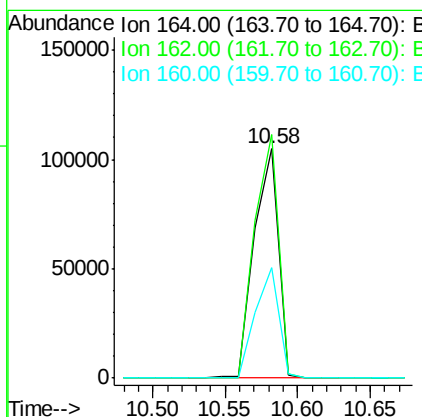
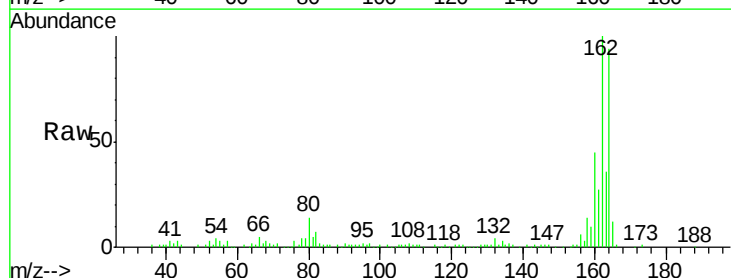
Instrument :
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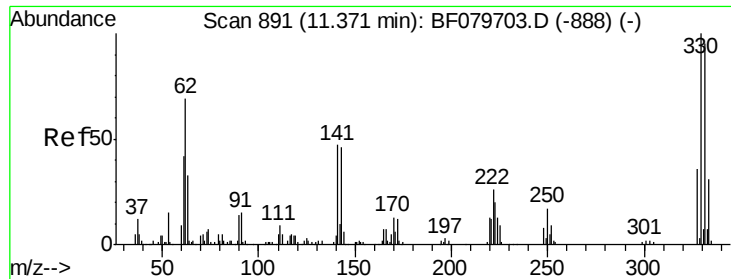
Tgt Ion:142 Resp: 103351
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2
115 31.8 26.9 40.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF079729.D
Acq: 5 Jun 2015 6:10

Tgt Ion:164 Resp: 121191
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 48.1 36.8 55.2

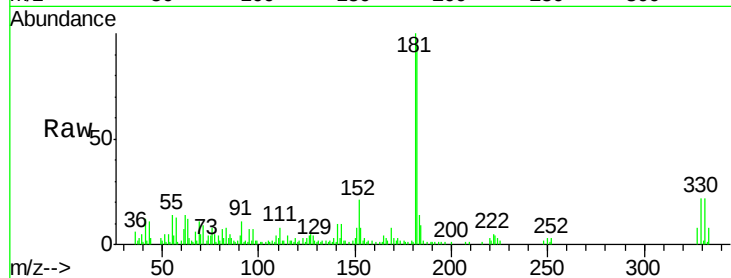




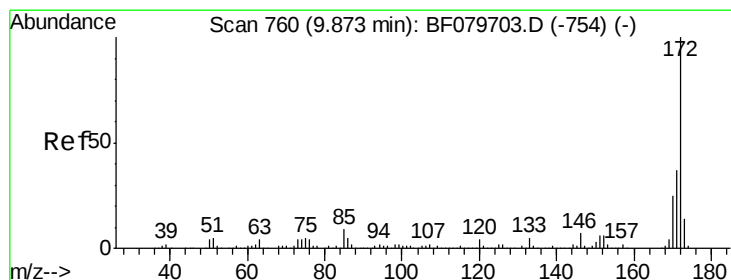
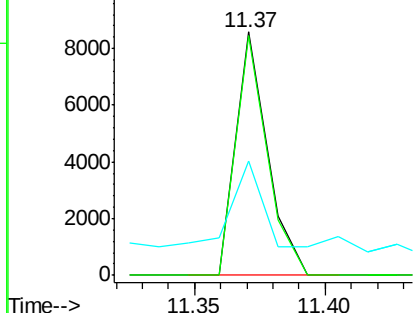
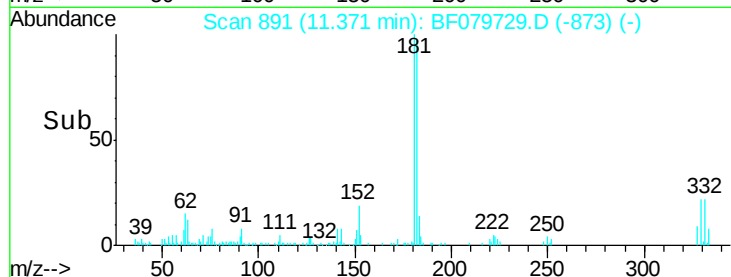
#41
 2,4,6-Tribromophenol
 Concen: 6.74 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079729.D
 Acq: 5 Jun 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 FILL-02-ALLOCCO

Tgt Ion:330 Resp: 7335
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.0
 141 56.0 30.2 45.2#

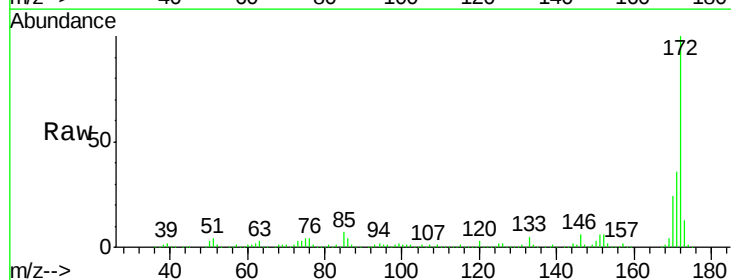


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

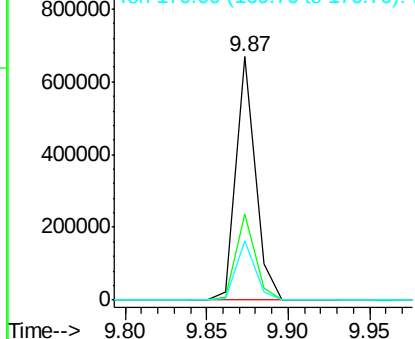
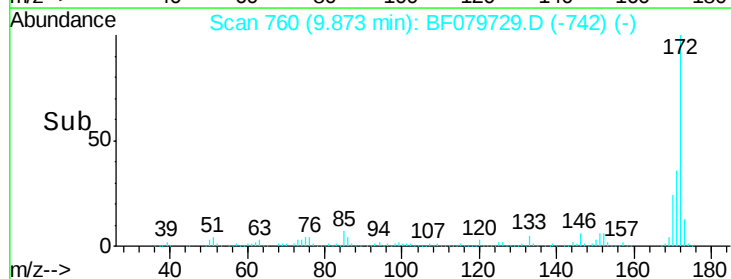


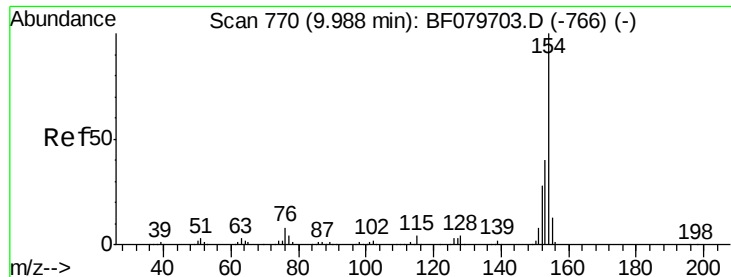
#44
 2-Fluorobiphenyl
 Concen: 64.73 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079729.D
 Acq: 5 Jun 2015 6:10

Tgt Ion:172 Resp: 541805
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.2 19.7 29.5



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: 2.71 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

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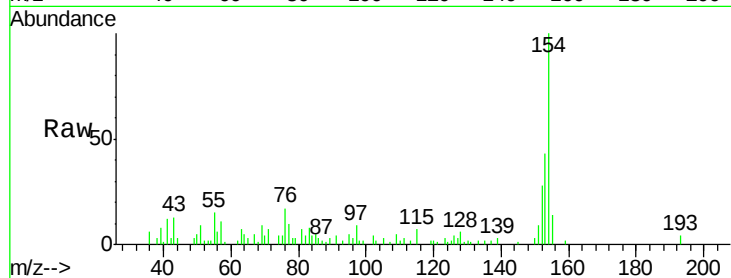
Tgt Ion:154 Resp: 26264

Ion Ratio Lower Upper

154 100

153 43.2 19.9 59.9

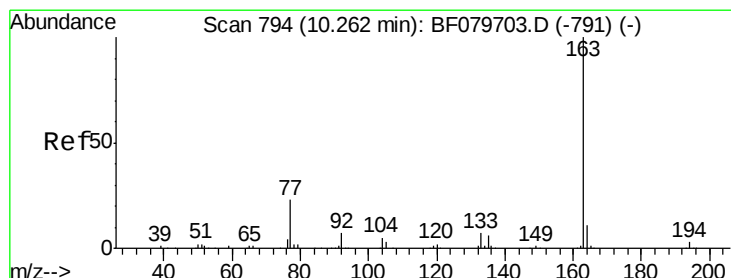
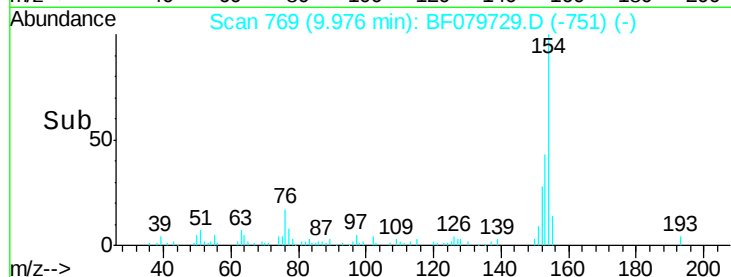
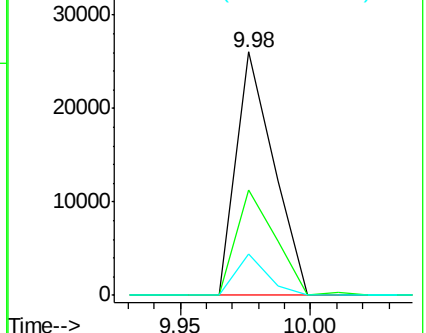
76 16.8 0.0 28.2



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): BF0



#49

Dimethylphthalate

Concen: 4.69 ng

RT: 10.26 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

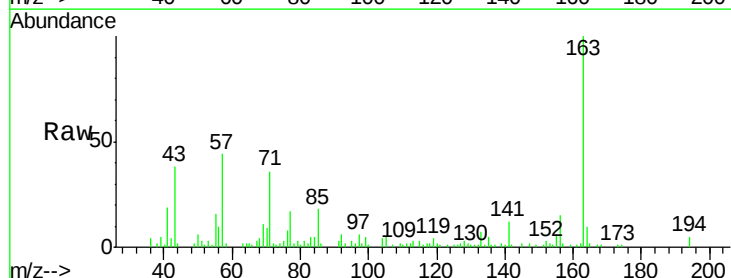
Tgt Ion:163 Resp: 43827

Ion Ratio Lower Upper

163 100

194 4.7 2.6 3.8#

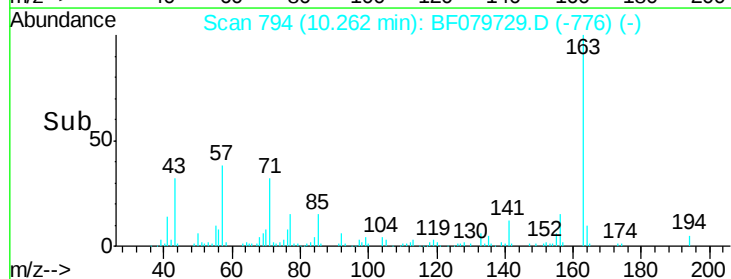
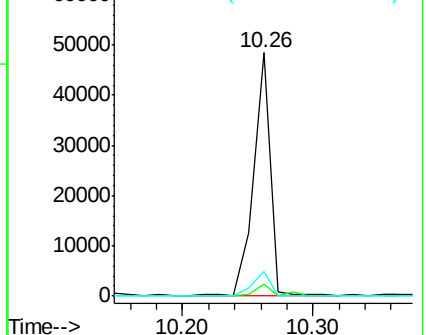
164 10.2 8.5 12.7

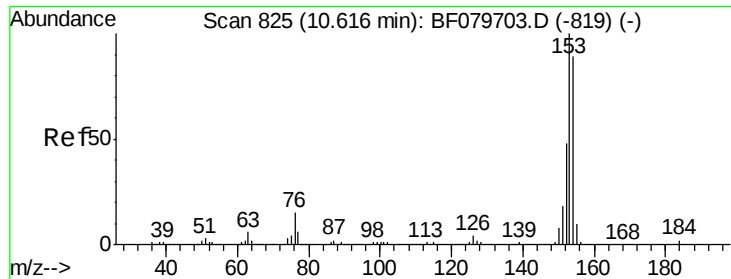


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 12.33 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

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ClientSampleId :

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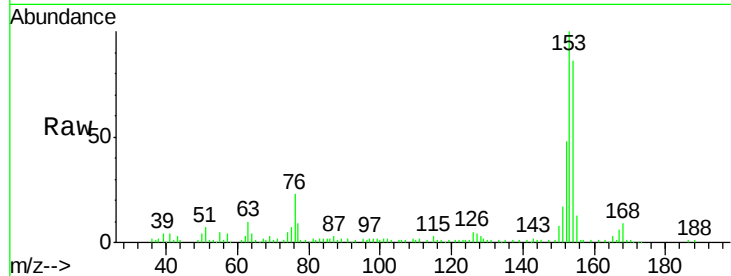
Tgt Ion:154 Resp: 98371

Ion Ratio Lower Upper

154 100

153 116.7 90.1 135.1

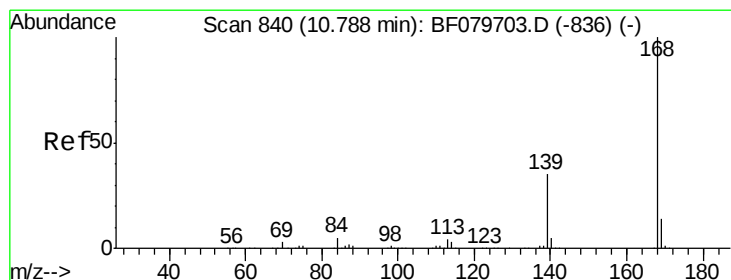
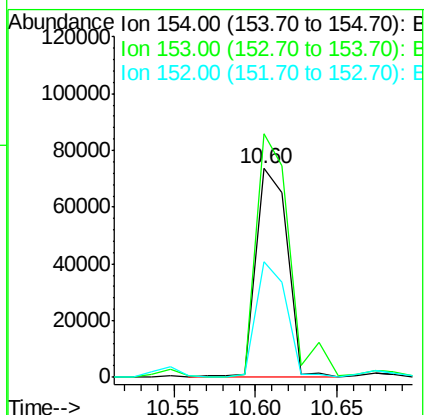
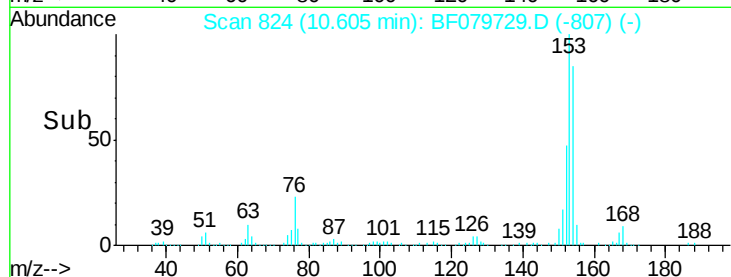
152 55.7 43.4 65.0



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

Dibenzofuran

Concen: 13.59 ng

RT: 10.79 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

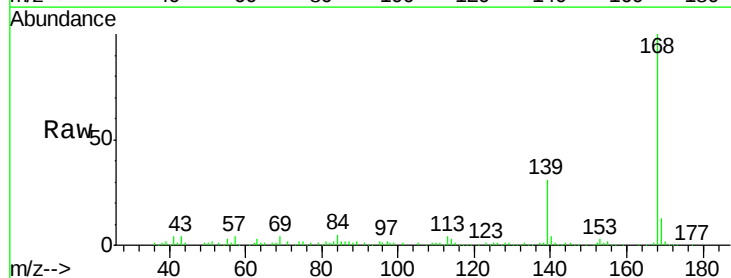
Tgt Ion:168 Resp: 155398

Ion Ratio Lower Upper

168 100

139 31.4 27.7 41.5

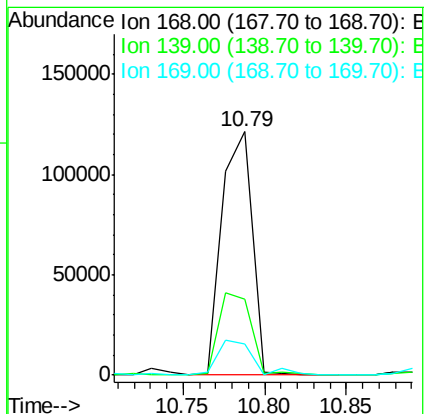
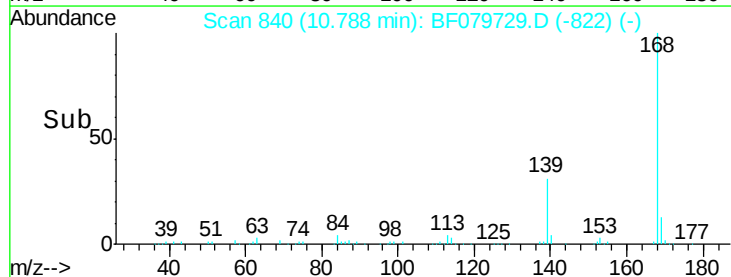
169 12.6 11.0 16.4

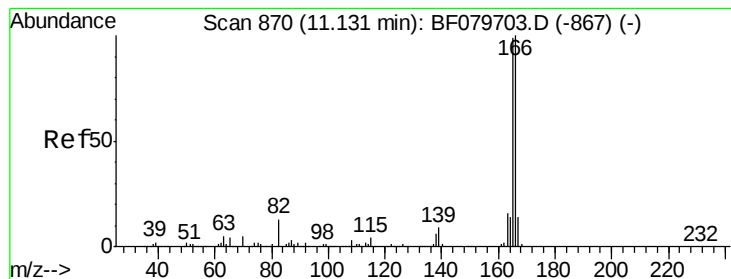


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 21.34 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

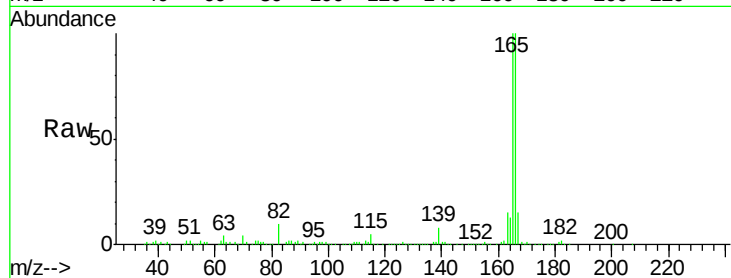
Tgt Ion:166 Resp: 208528

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

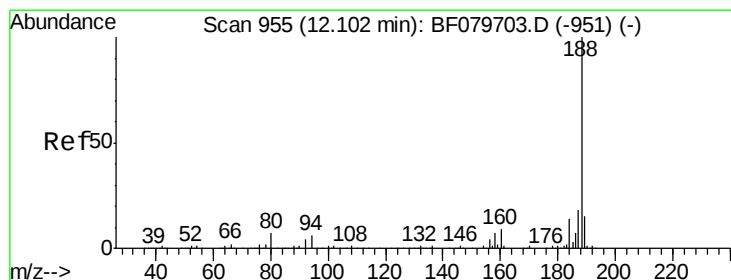
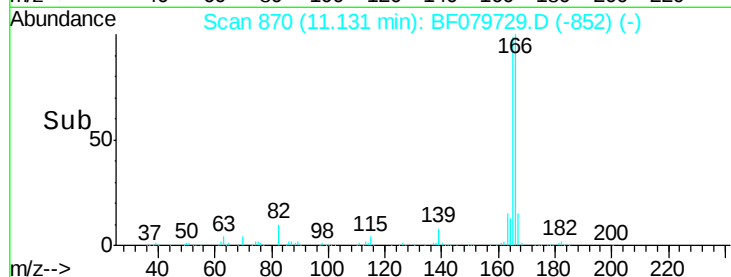
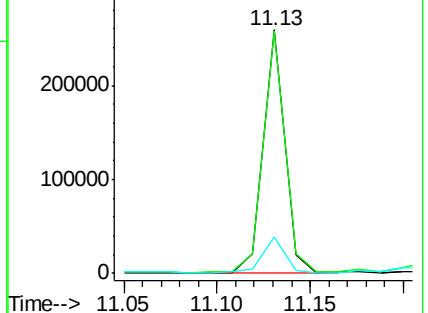
167 14.7 11.0 16.4



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: 12.10 min Scan# 955

Delta R.T. 0.02 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

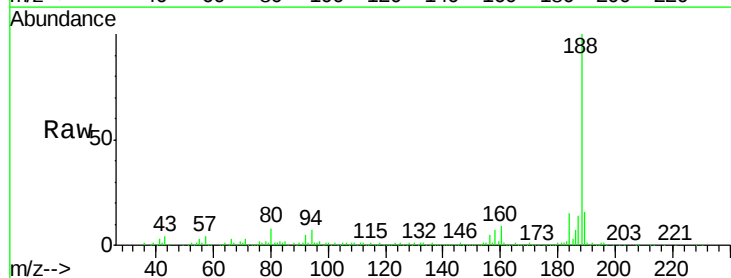
Tgt Ion:188 Resp: 255417

Ion Ratio Lower Upper

188 100

94 7.3 5.0 7.4

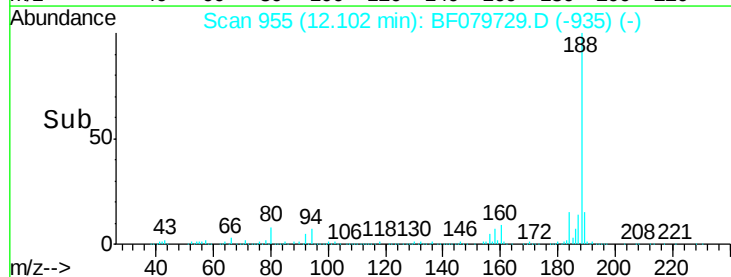
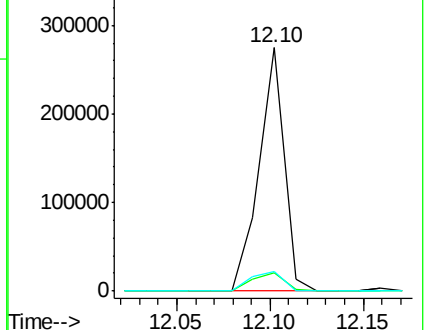
80 8.1 5.3 7.9#

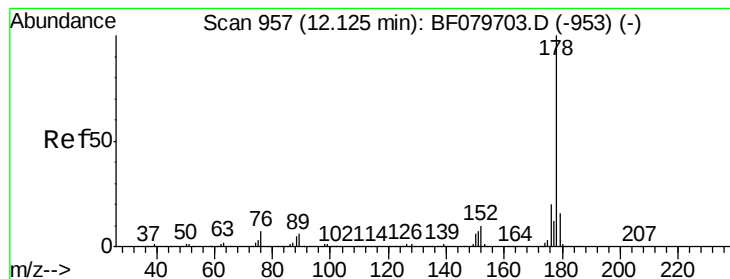


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 82.90 ng

RT: 12.12 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

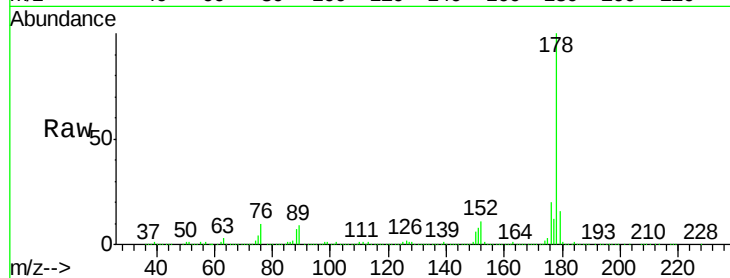
Tgt Ion:178 Resp: 1231636

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

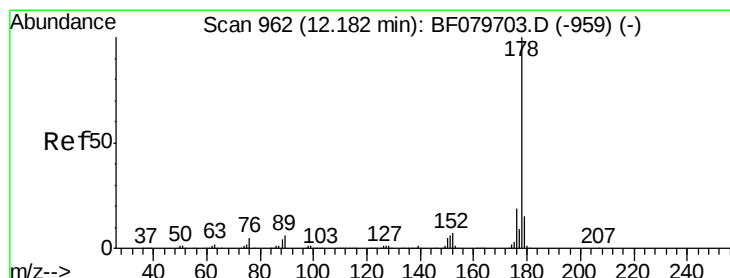
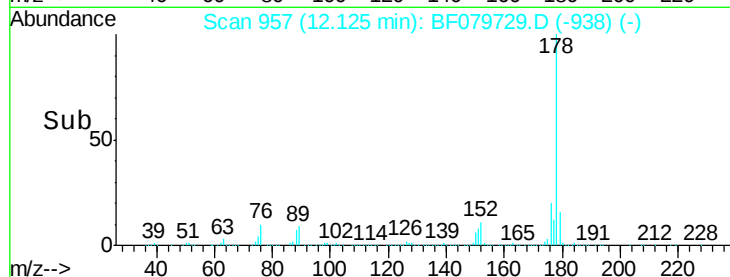
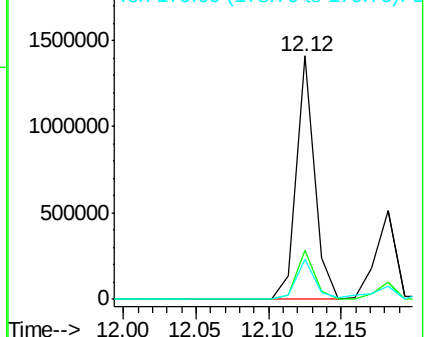
179 16.5 12.6 19.0



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



#71

Anthracene

Concen: 33.85 ng

RT: 12.18 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

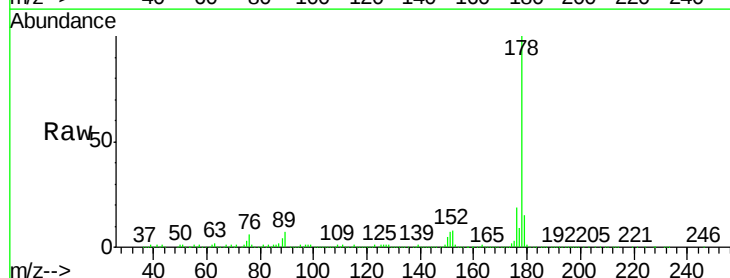
Tgt Ion:178 Resp: 497621

Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

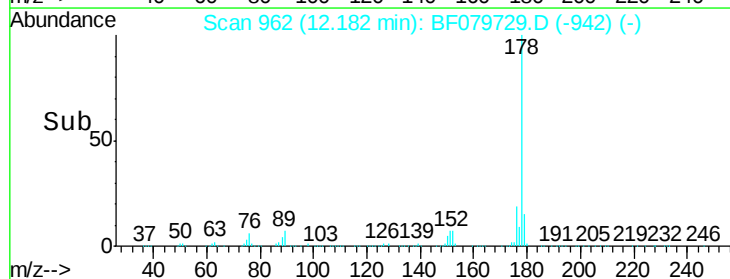
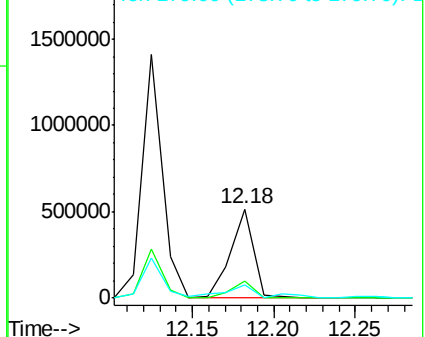
179 15.2 12.2 18.2

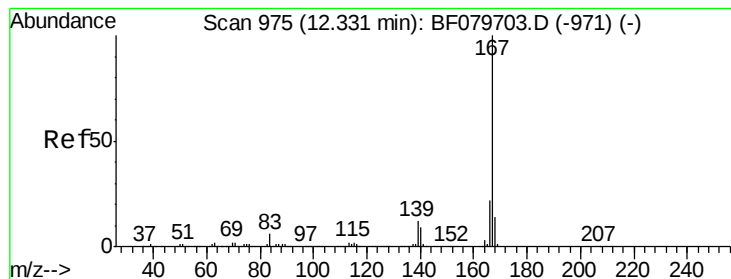


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 12.69 ng

RT: 12.33 min Scan# 975

Delta R.T. 0.02 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

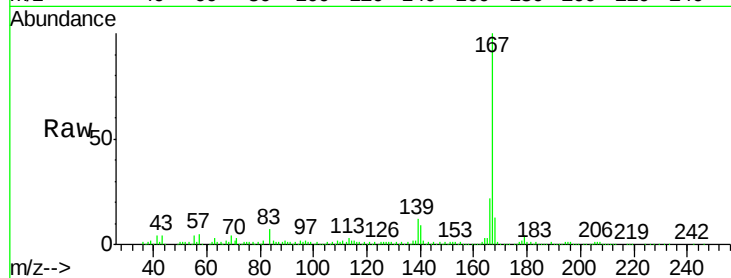
Tgt Ion:167 Resp: 173955

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

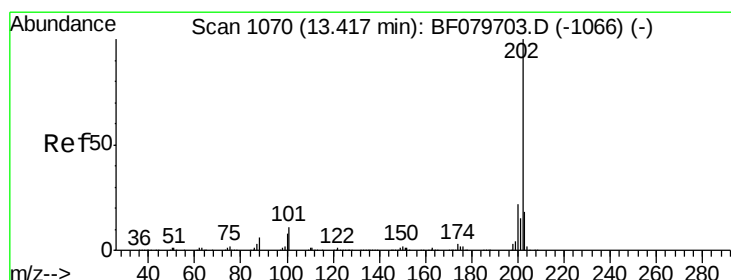
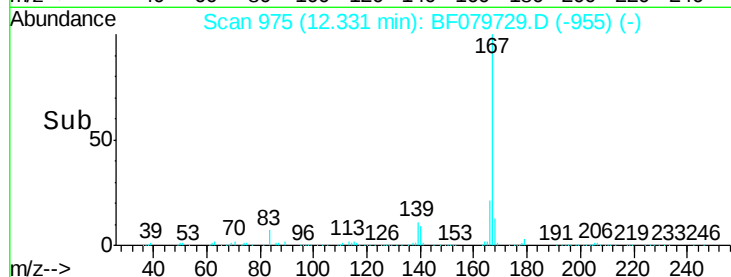
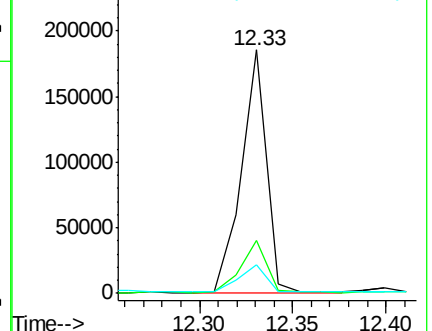
139 11.6 9.3 13.9



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: 65.90 ng

RT: 13.43 min Scan# 1071

Delta R.T. 0.08 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

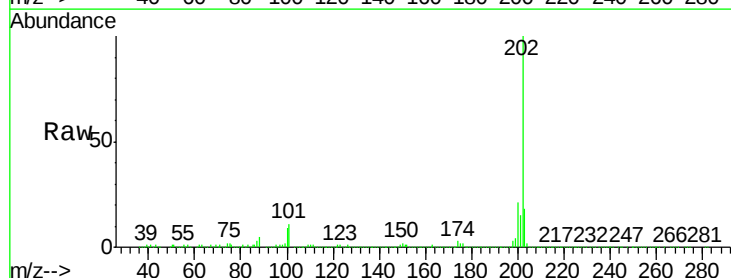
Tgt Ion:202 Resp: 1062155

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

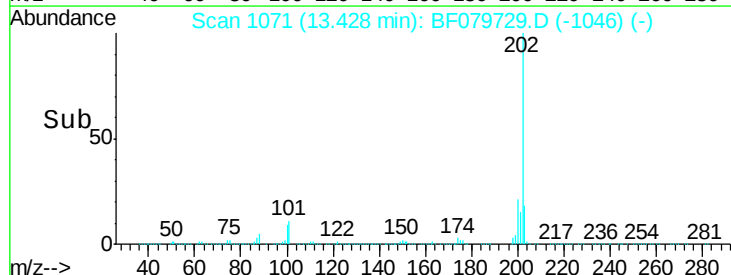
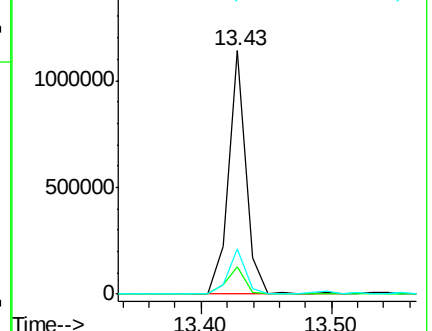
203 18.4 0.0 38.4

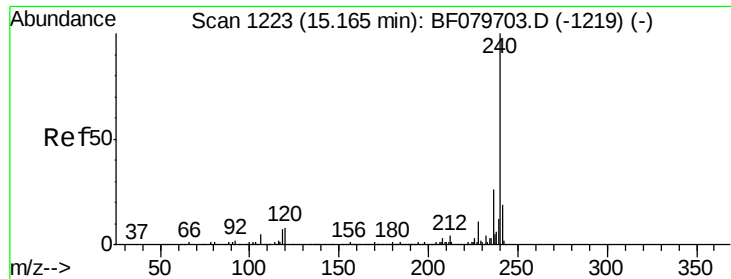


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 15.19 min Scan# 1225

Delta R.T. 0.21 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

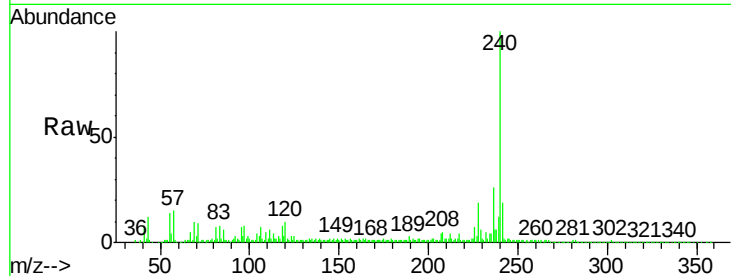
Tgt Ion:240 Resp: 280435

Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

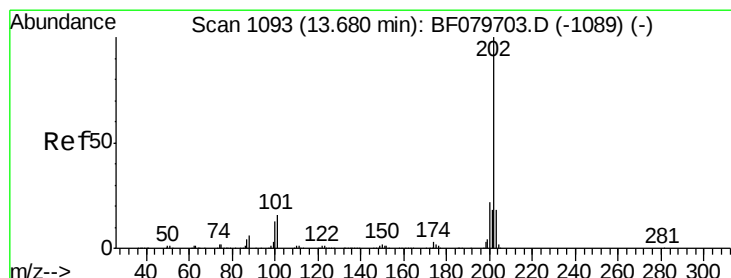
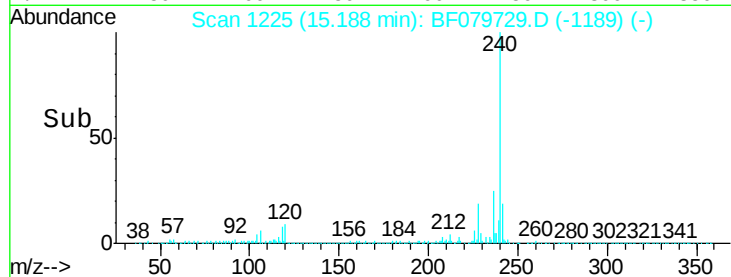
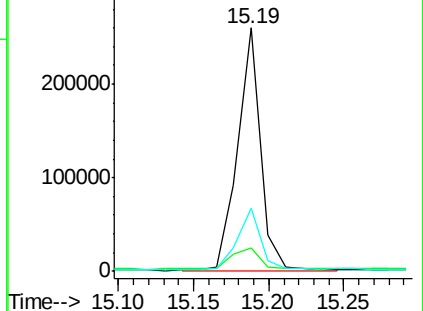
236 26.1 21.0 31.4



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: 50.88 ng

RT: 13.69 min Scan# 1094

Delta R.T. 0.09 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

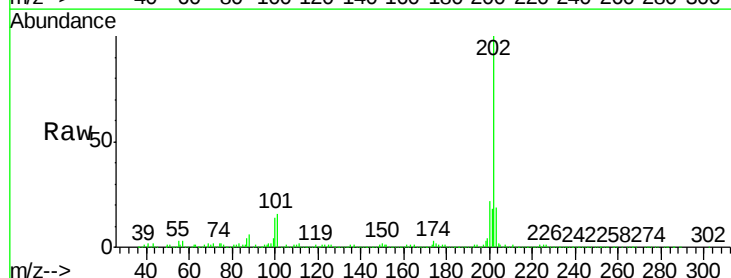
Tgt Ion:202 Resp: 886681

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

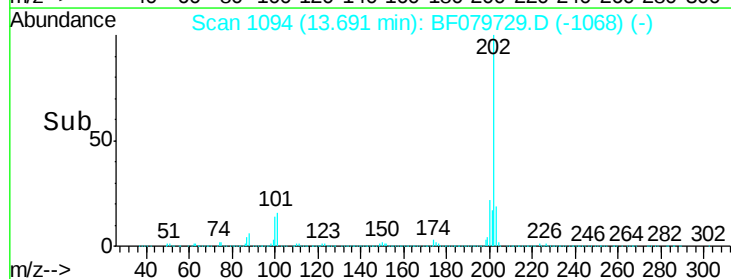
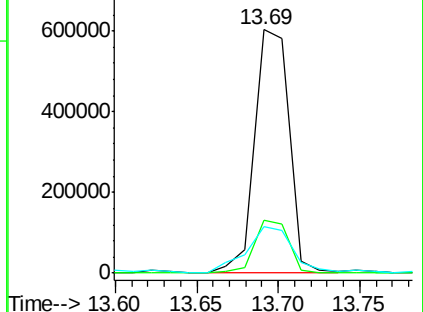
203 19.1 14.8 22.2

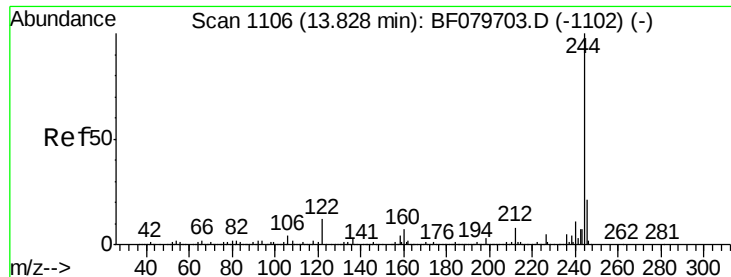


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.24 ng

RT: 13.84 min Scan# 1107

Delta R.T. 0.10 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

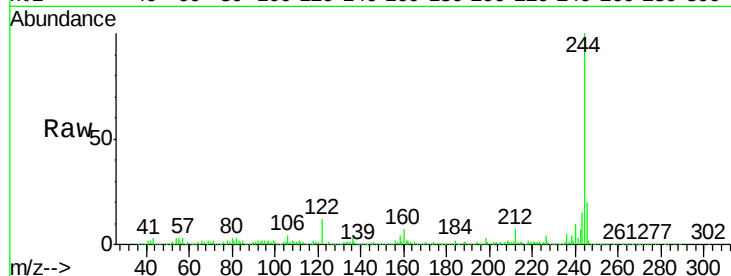
Tgt Ion:244 Resp: 669398

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

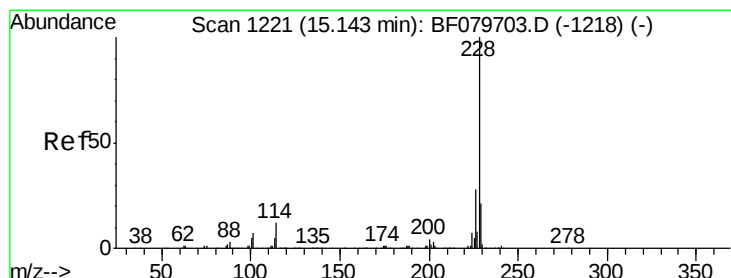
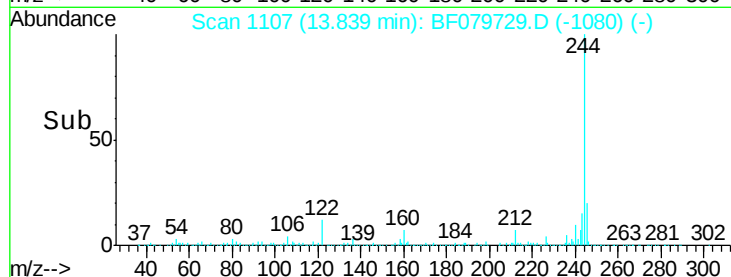
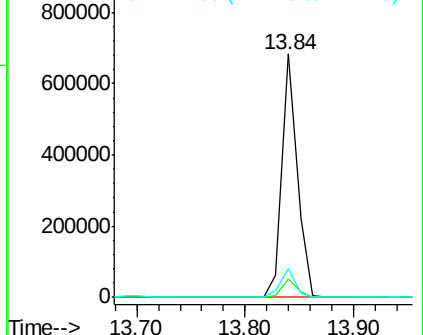
122 11.7 9.3 13.9



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: 26.86 ng m

RT: 15.18 min Scan# 1224

Delta R.T. 0.21 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

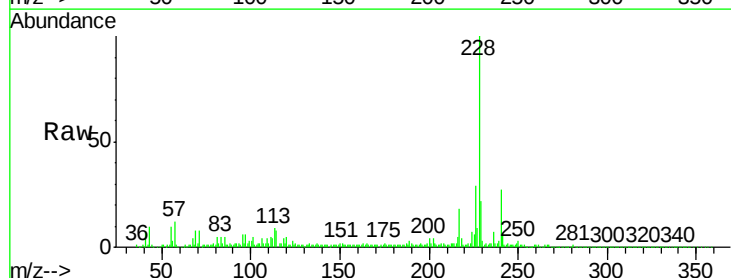
Tgt Ion:228 Resp: 460496

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.4

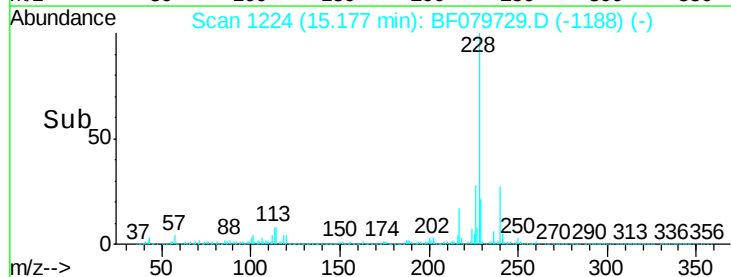
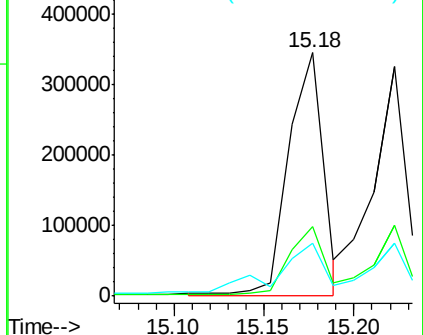
229 21.8 16.6 25.0

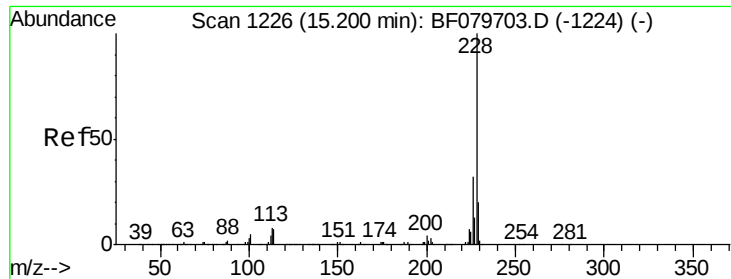


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

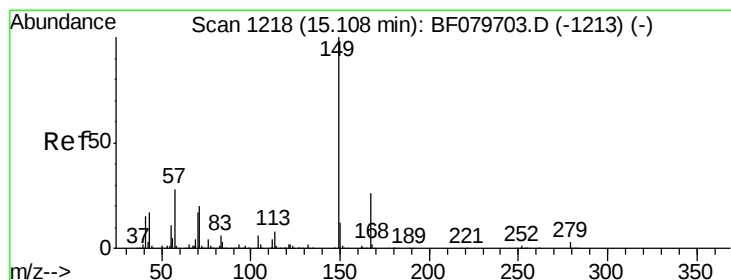
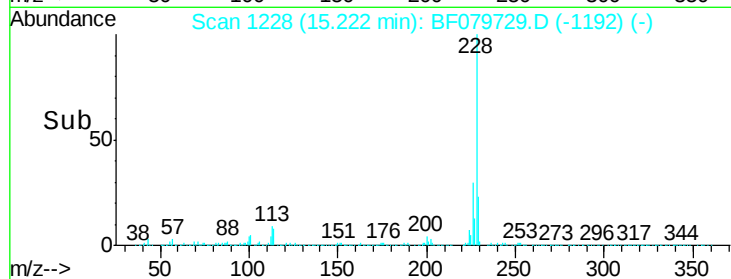
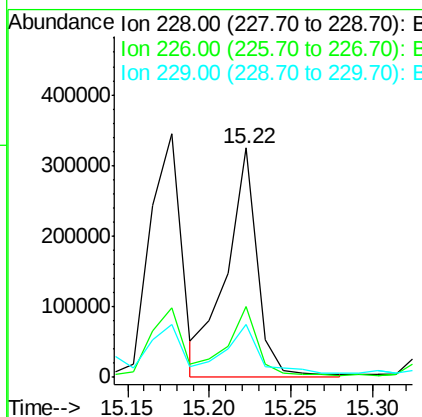
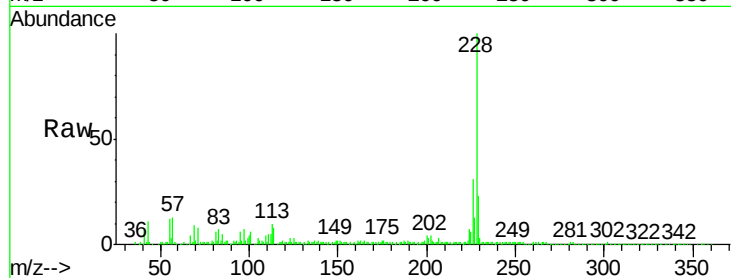




#82
Chrysene
 Concen: 26.94 ng m
 RT: 15.22 min Scan# 1228
 Delta R.T. 0.21 min
 Lab File: BF079729.D
 Acq: 5 Jun 2015 6:10

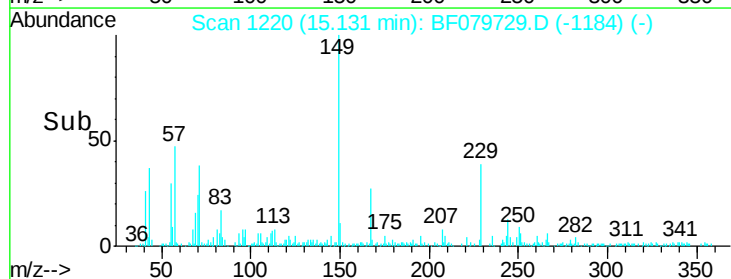
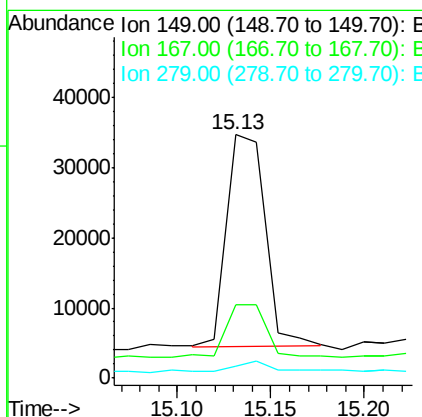
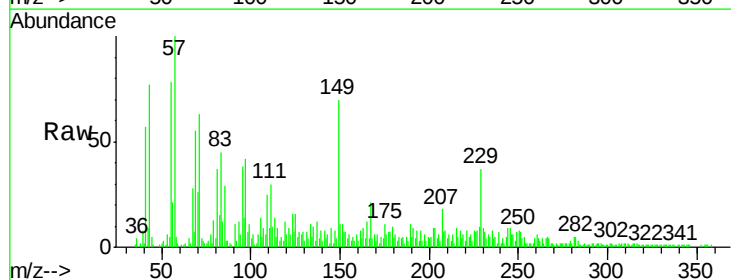
Instrument :
 BNA_F
 ClientSampleId :
 FILL-02-ALLOCCO

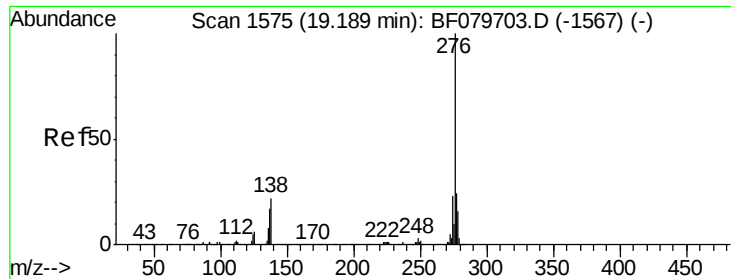
Tgt Ion: 228 Resp: 432236
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 23.2 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
 Concen: 4.13 ng m
 RT: 15.13 min Scan# 1220
 Delta R.T. 0.21 min
 Lab File: BF079729.D
 Acq: 5 Jun 2015 6:10

Tgt Ion: 149 Resp: 43501
 Ion Ratio Lower Upper
 149 100
 167 30.4 20.9 31.3
 279 4.8 2.2 3.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.22 ng m

RT: 19.26 min Scan# 1581

Delta R.T. 0.33 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

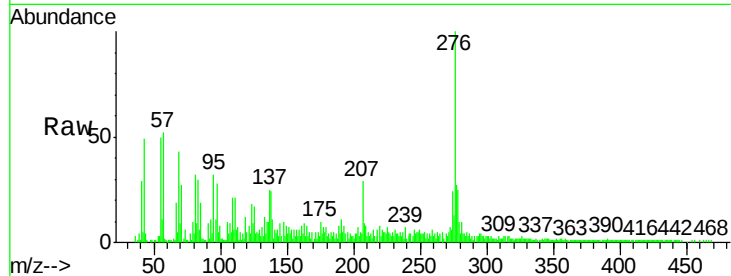
Tgt Ion:276 Resp: 148894

Ion Ratio Lower Upper

276 100

138 5.4 20.8 31.2#

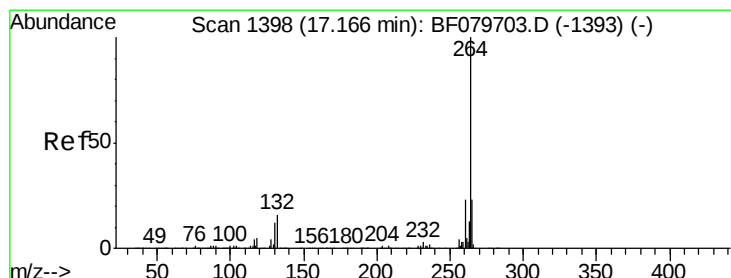
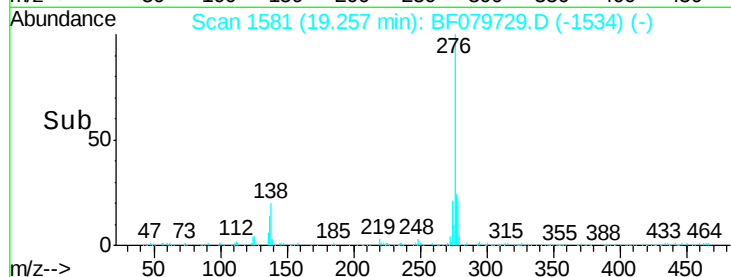
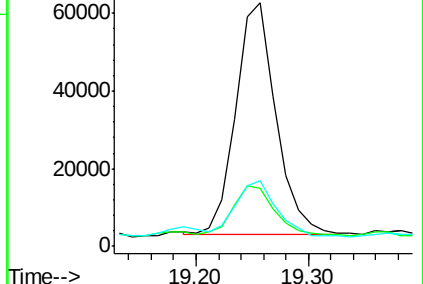
277 3.1 20.0 30.0#



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: 20.00 ng m

RT: 17.21 min Scan# 1402

Delta R.T. 0.30 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

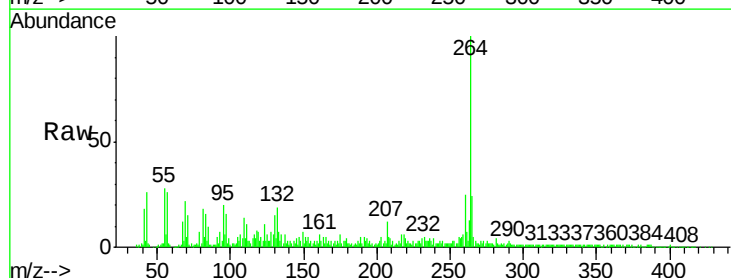
Tgt Ion:264 Resp: 258459

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

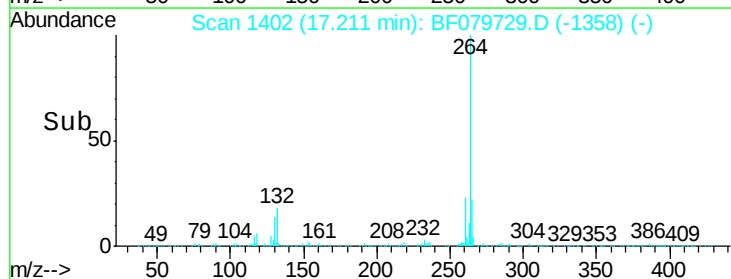
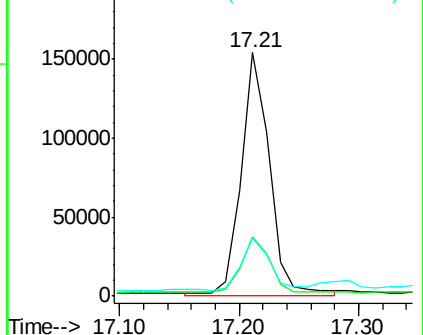
265 23.8 18.2 27.4

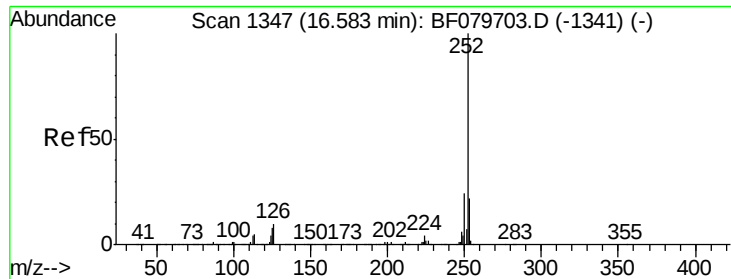


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 24.54 ng m

RT: 16.62 min Scan# 1350

Delta R.T. 0.29 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

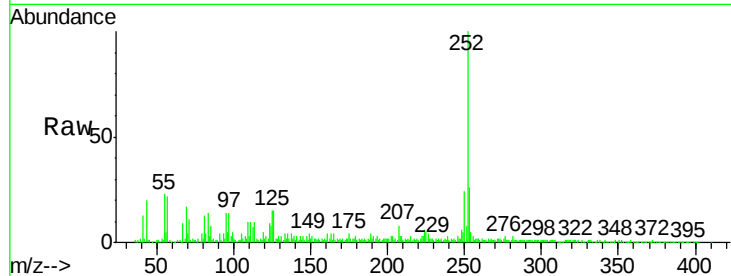
Tgt Ion:252 Resp: 409119

Ion Ratio Lower Upper

252 100

253 25.7 17.4 26.2

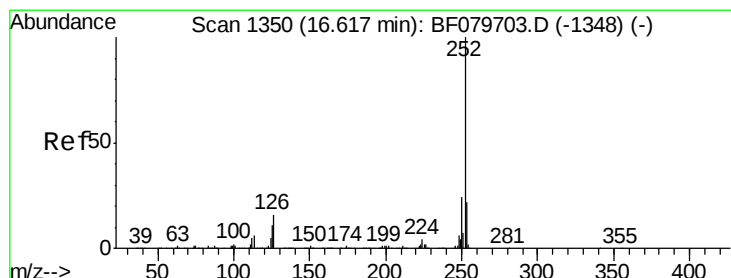
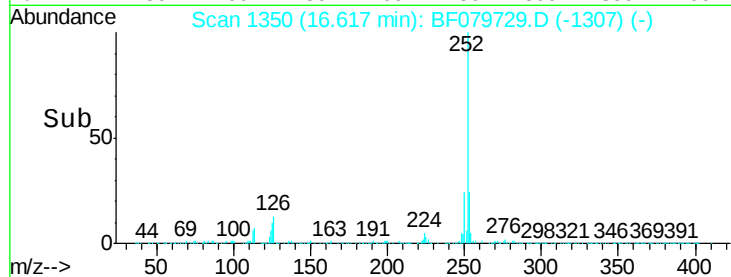
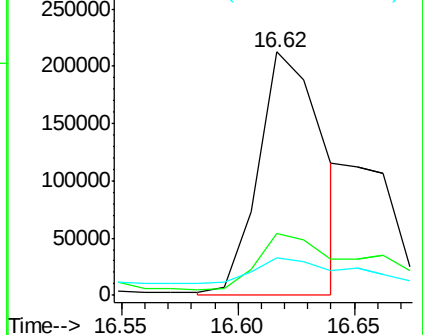
125 15.4 6.5 9.7#



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: 11.34 ng m

RT: 16.64 min Scan# 1352

Delta R.T. 0.26 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

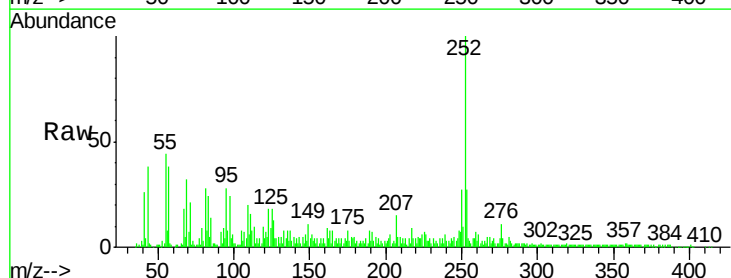
Tgt Ion:252 Resp: 180352

Ion Ratio Lower Upper

252 100

253 27.4 17.8 26.8#

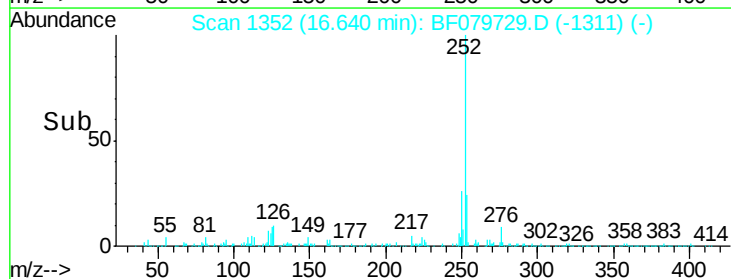
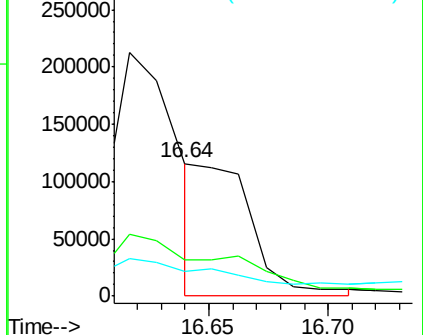
125 18.3 8.4 12.6#

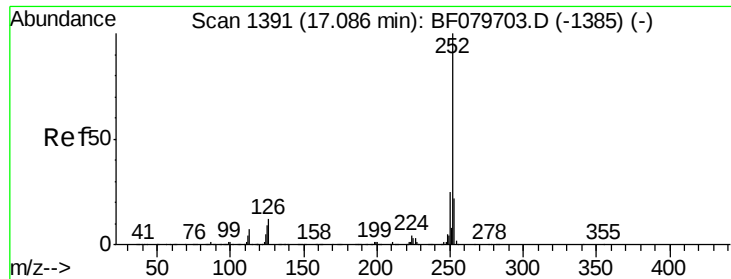


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 20.41 ng m

RT: 17.13 min Scan# 1395

Delta R.T. 0.30 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

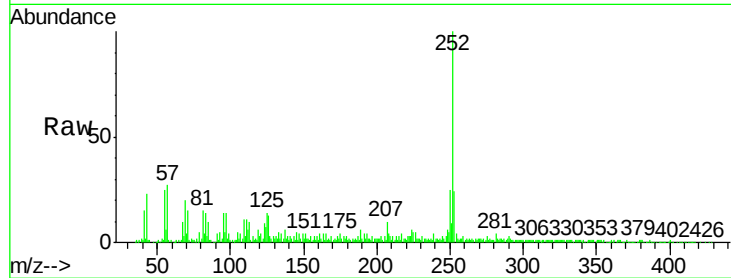
Tgt Ion:252 Resp: 310942

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

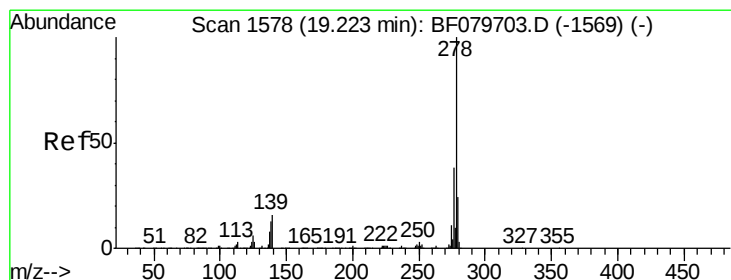
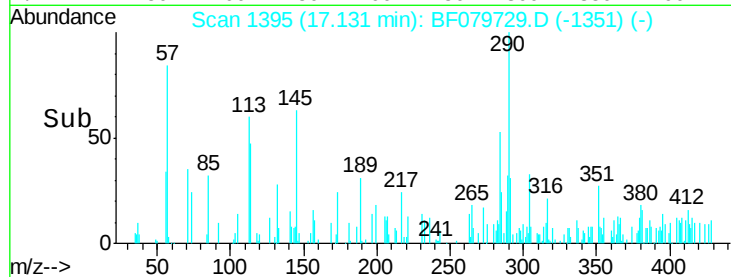
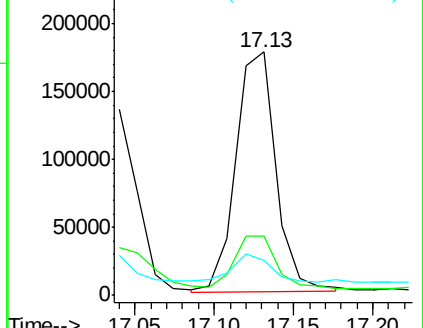
125 14.4 7.4 11.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 3.32 ng m

RT: 19.27 min Scan# 1582

Delta R.T. 0.32 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

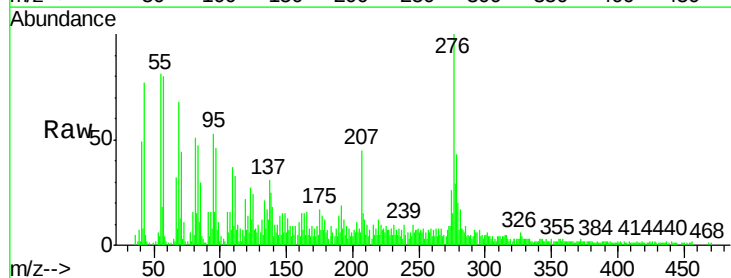
Tgt Ion:278 Resp: 46690

Ion Ratio Lower Upper

278 100

139 41.3 12.7 19.1#

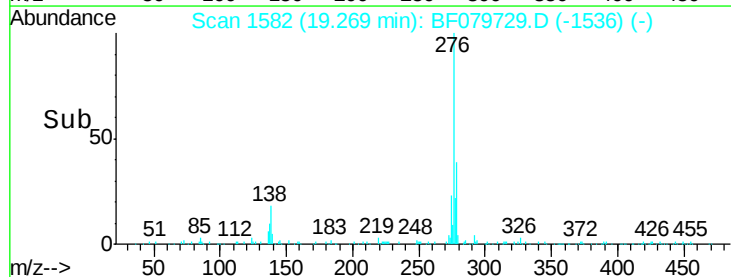
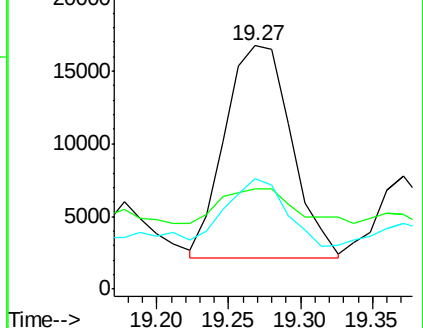
279 45.3 19.4 29.2#

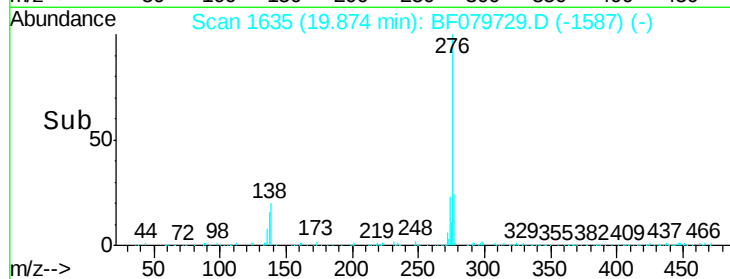
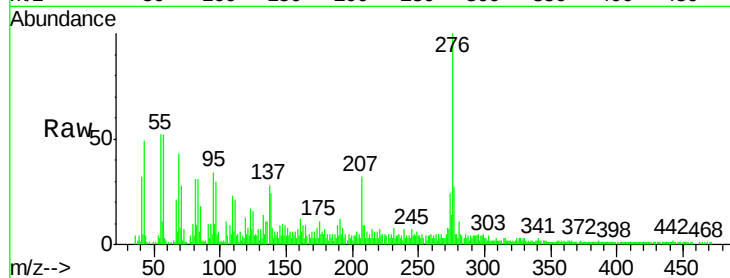
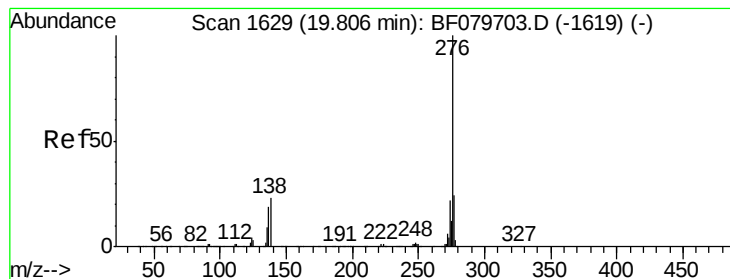


Abundance Ion 278.00 (277.70 to 278.70): E

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: 10.14 ng m

RT: 19.87 min Scan# 1635

Delta R.T. 0.34 min

Lab File: BF079729.D

Acq: 5 Jun 2015 6:10

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCO

Tgt Ion: 276 Resp: 145844

Ion Ratio Lower Upper

276 100

277 26.8 18.8 28.2

138 24.0 18.2 27.2

