

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079734.D
 Acq On : 5 Jun 2015 10:01
 Operator : TP/IZ
 Sample : G2456-01DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-02-ALLOCCODL

Quant Time: Jun 08 00:51:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	56105	20.00	ng	0.01
21) Naphthalene-d8	8.81	136	224426	20.00	ng	0.01
38) Acenaphthene-d10	10.58	164	128896	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	261655	20.00	ng	0.01
75) Chrysene-d12	15.27	240	272937	20.00	ng	0.10
86) Perylene-d12	17.33	264	237279	20.00	ng	0.16

System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	89158	27.25	ng	0.00
7) Phenol-d6	7.11	99	193208	45.36	ng	0.01
23) Nitrobenzene-d5	8.07	82	94879	25.74	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	3750	3.24	ng	0.01
44) 2-Fluorobiphenyl	9.87	172	258272	29.01	ng	0.00
78) Terphenyl-d14	13.89	244	355910	30.72	ng	0.06

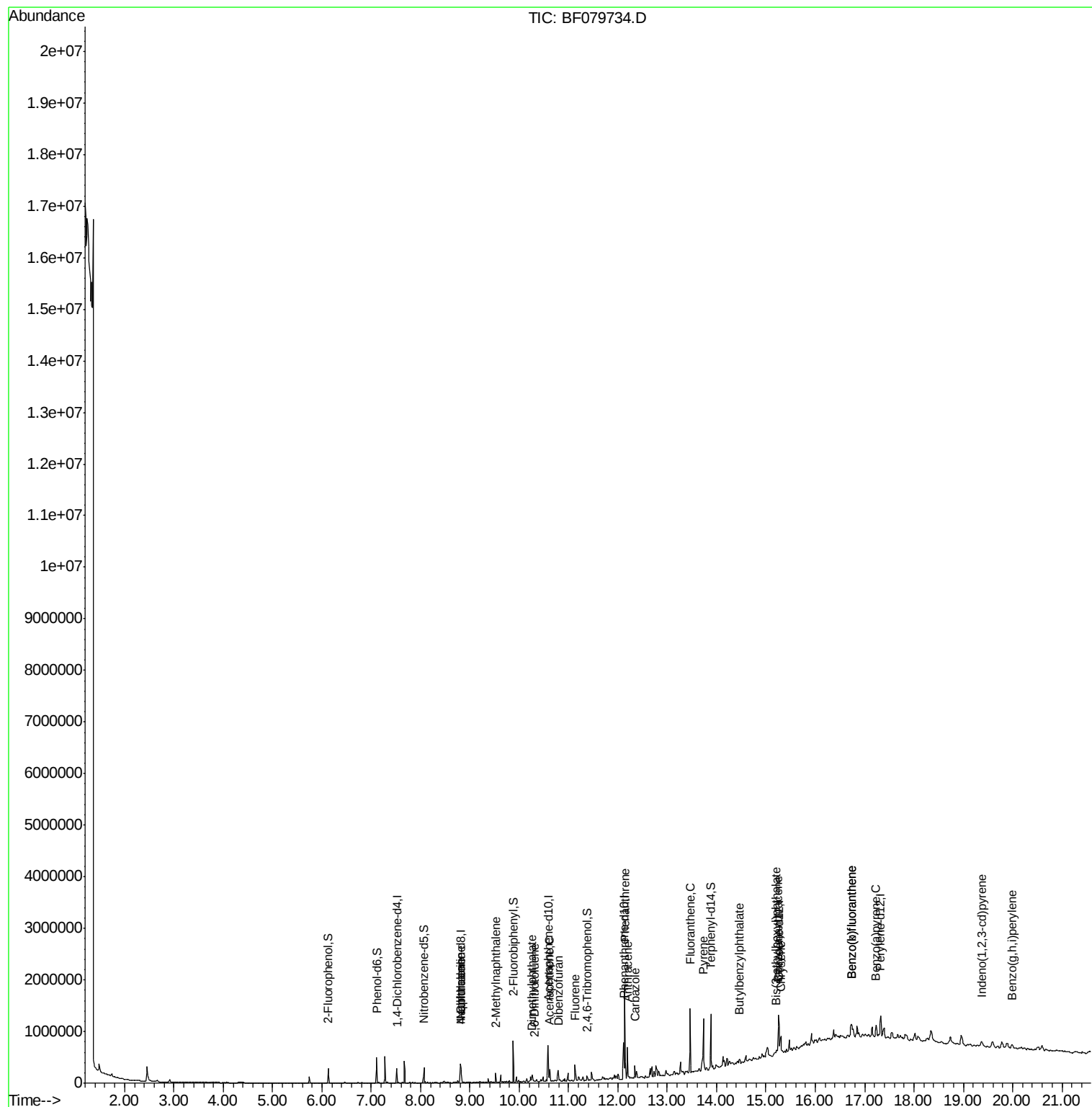
Target Compounds						Qvalue
31) Naphthalene	8.82	128	141094	11.41	ng	99
33) 4-Chloroaniline	8.82	127	18957	3.86	ng	# 35
37) 2-Methylnaphthalene	9.52	142	48171	5.77	ng	98
49) Dimethylphthalate	10.26	163	23888	2.41	ng	98
50) 2,6-Dinitrotoluene	10.31	165	610	3.36	ng	# 23
51) Acenaphthene	10.62	154	51670	6.09	ng	98
54) Dibenzofuran	10.79	168	85451	7.02	ng	98
57) Fluorene	11.13	166	95531	9.19	ng	95
70) Phenanthrene	12.14	178	656572	43.14	ng	99
71) Anthracene	12.19	178	258254	17.15	ng	100
72) Carbazole	12.34	167	89738	6.39	ng	98
74) Fluoranthene	13.46	202	547897	33.19	ng	98
77) Pyrene	13.74	202	452713	26.69	ng	99
79) Butylbenzylphthalate	14.47	149	14533	2.22	ng	# 96
80) Benzo(a)anthracene	15.25	228	233729	14.01	ng	99
82) Chrysene	15.30	228	205206	13.14	ng	95
83) Bis(2-ethylhexyl)phthalate	15.21	149	23748	2.31	ng	# 89
85) Indeno(1,2,3-cd)pyrene	19.37	276	78163	4.44	ng	95
87) Benzo(b)fluoranthene	16.73	252	277703	18.14	ng	# 87
88) Benzo(k)fluoranthene	16.73	252	277703	19.01	ng	# 90
89) Benzo(a)pyrene	17.23	252	144144	10.31	ng	# 90
91) Benzo(g,h,i)perylene	19.99	276	75567	5.72	ng	94

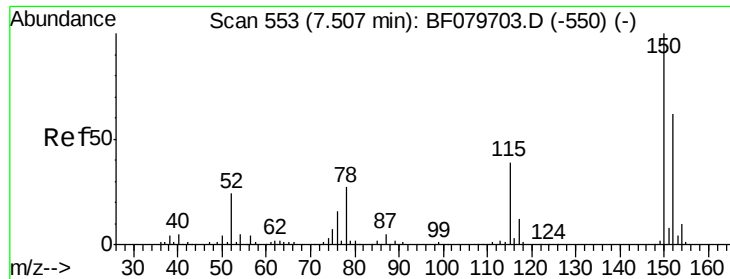
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

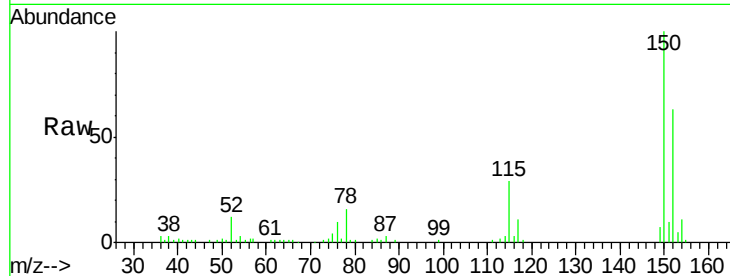
Tgt Ion:152 Resp: 56105

Ion Ratio Lower Upper

152 100

150 158.7 128.1 192.1

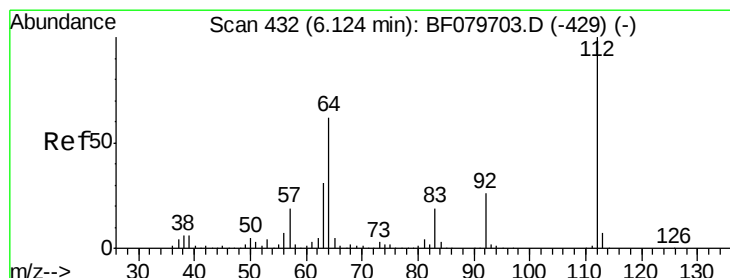
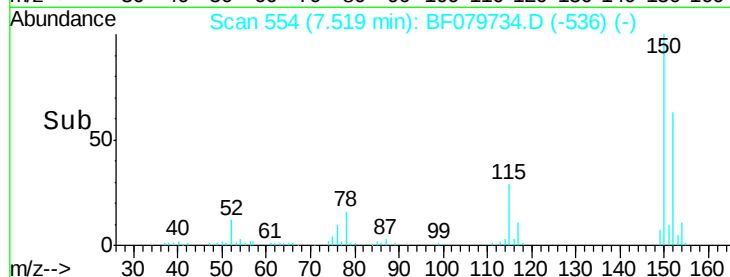
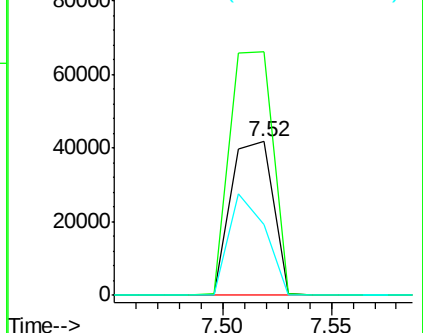
115 46.4 49.7 74.5#



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: 27.25 ng

RT: 6.12 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

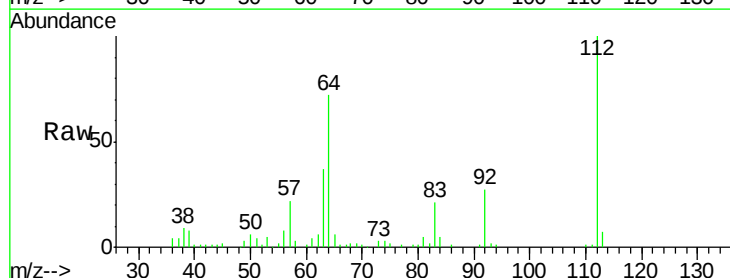
Tgt Ion:112 Resp: 89158

Ion Ratio Lower Upper

112 100

64 72.4 49.6 74.4

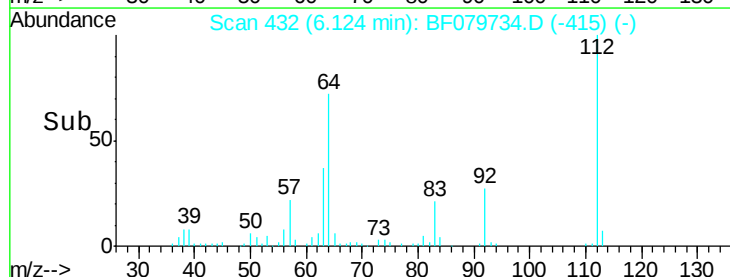
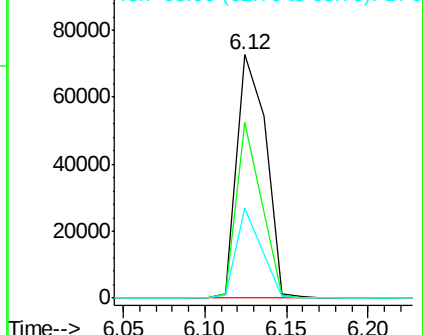
63 36.8 24.9 37.3

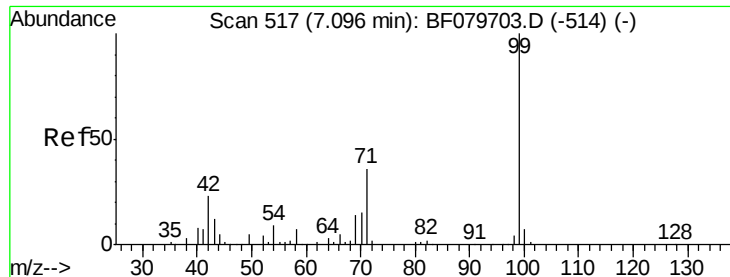


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.36 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

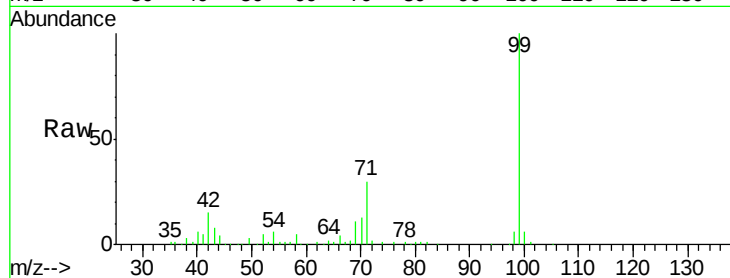
Tgt Ion: 99 Resp: 193208

Ion Ratio Lower Upper

99 100

42 14.9 18.0 27.0#

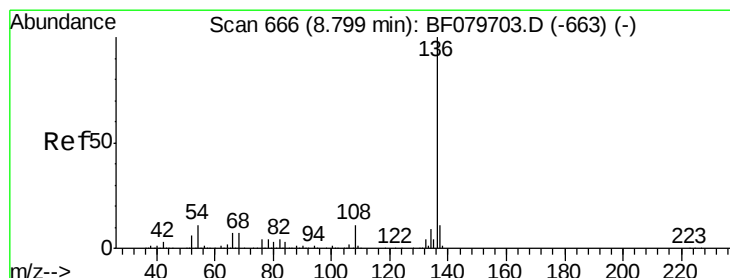
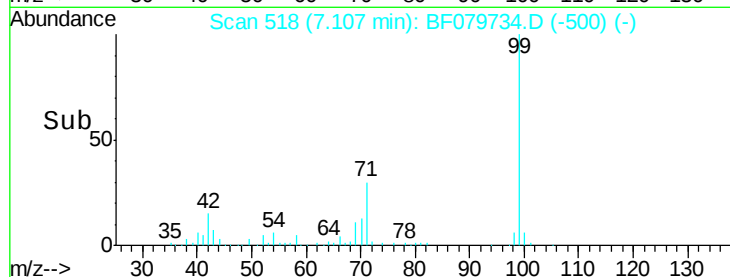
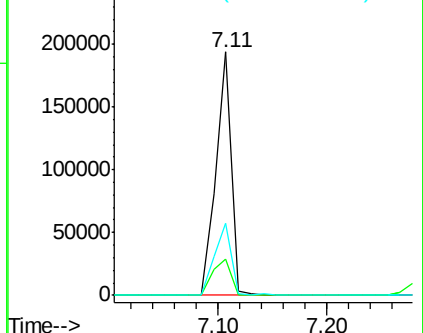
71 29.5 28.4 42.6



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: 8.81 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Tgt Ion: 136 Resp: 224426

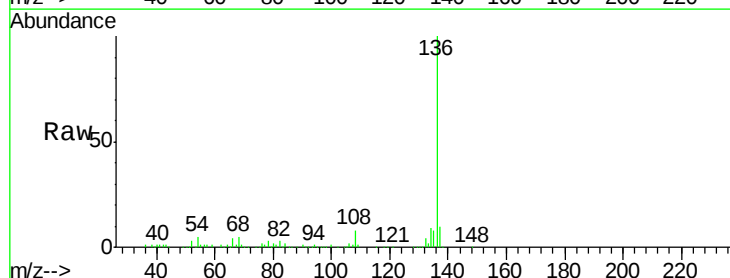
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 5.3 8.7 13.1#

68 4.5 5.8 8.8#

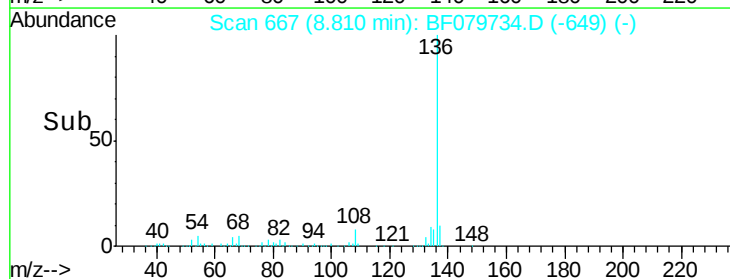
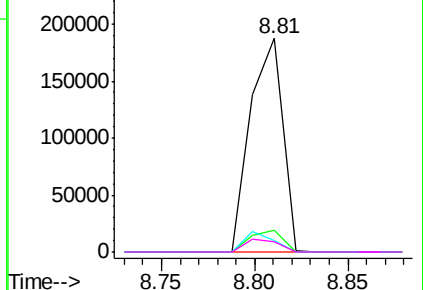


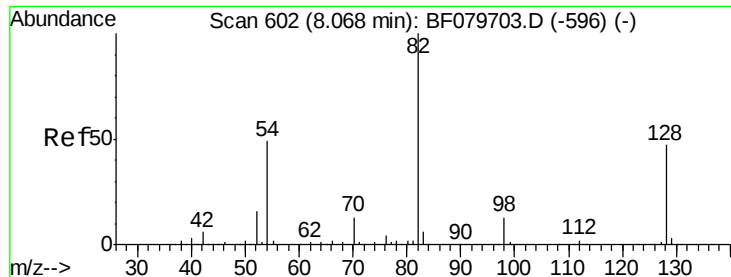
Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.74 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

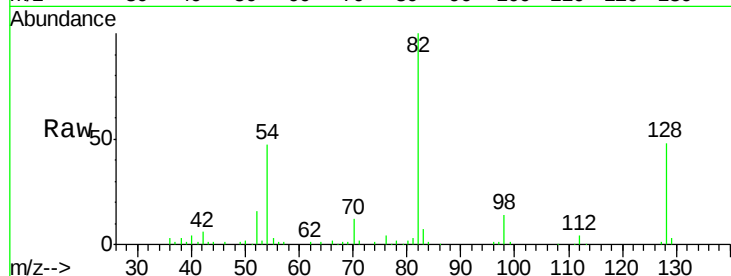
Tgt Ion: 82 Resp: 94879

Ion Ratio Lower Upper

82 100

128 48.5 37.6 56.4

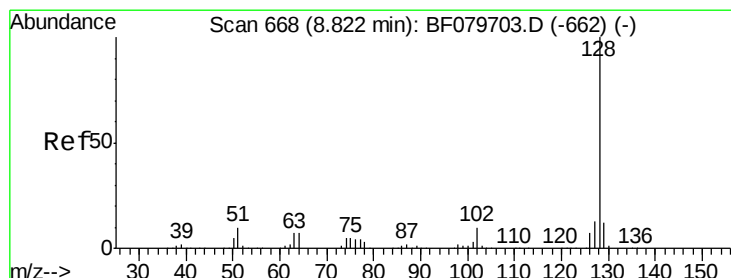
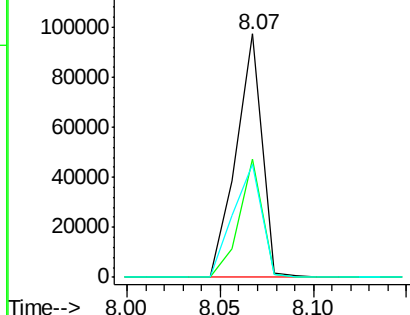
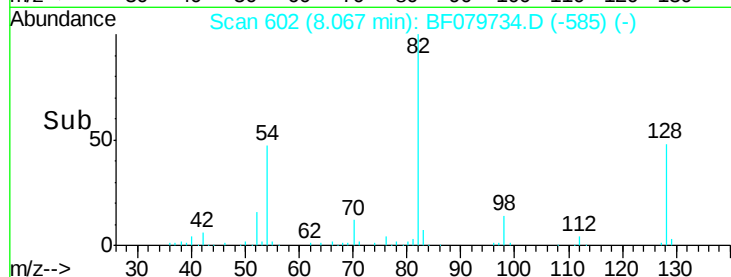
54 46.6 39.4 59.2



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: 11.41 ng

RT: 8.82 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

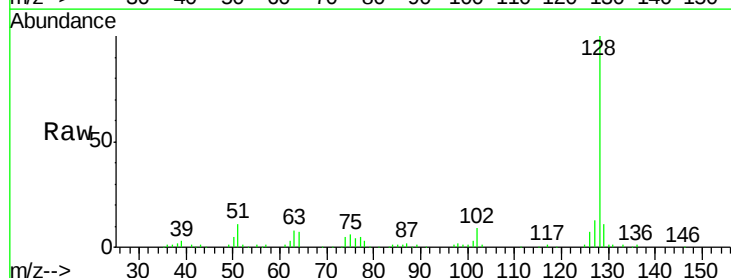
Tgt Ion: 128 Resp: 141094

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

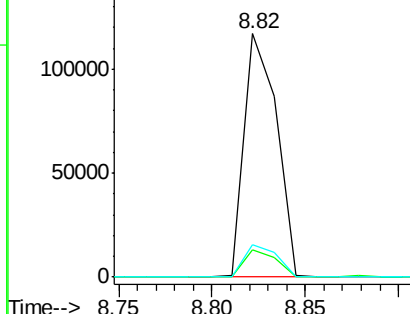
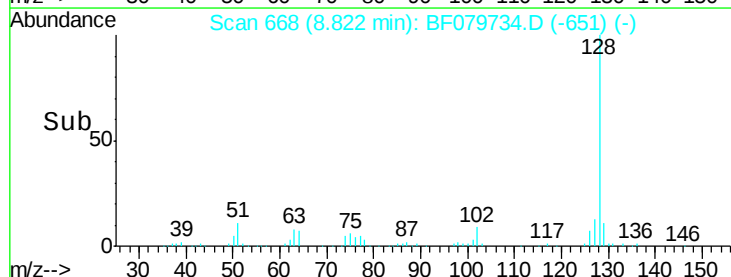
127 13.4 10.7 16.1

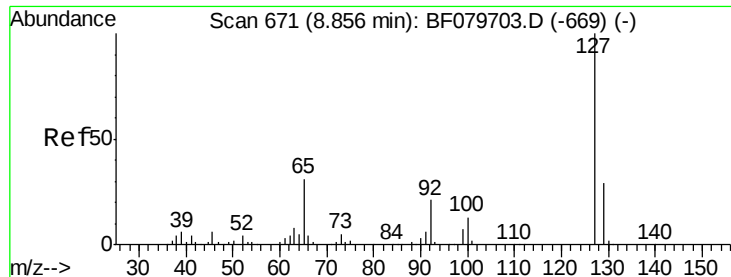


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

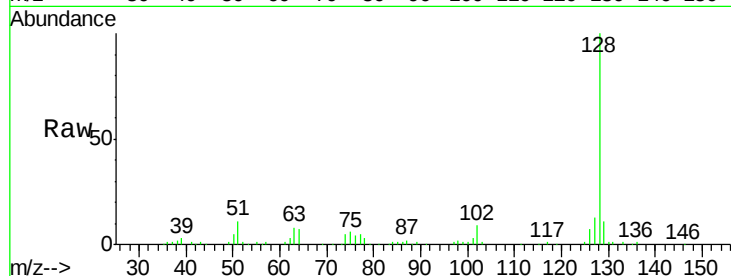




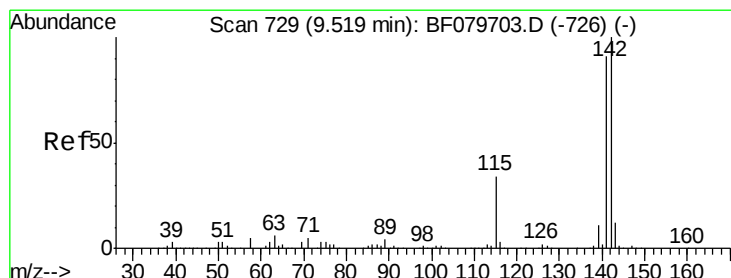
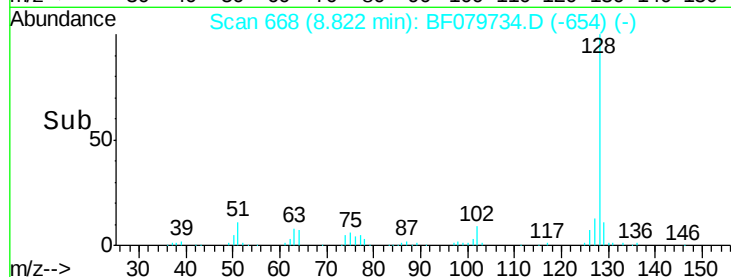
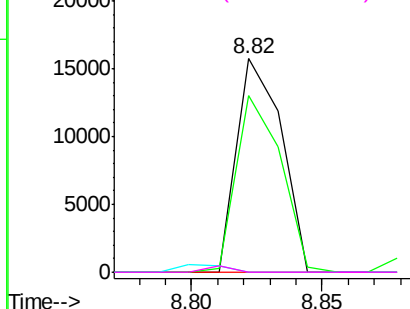
#33
4-Chloroaniline
Concen: 3.86 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

Instrument :
BNA_F
ClientSampleId :
FILL-02-ALLOCCODL

Tgt Ion:	127	Resp:	18957
Ion	Ratio	Lower	Upper
127	100		
129	82.6	26.8	40.2#
65	0.0	22.9	34.3#
92	0.0	15.2	22.8#

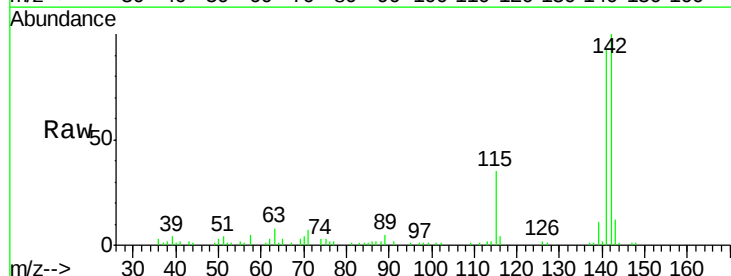


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

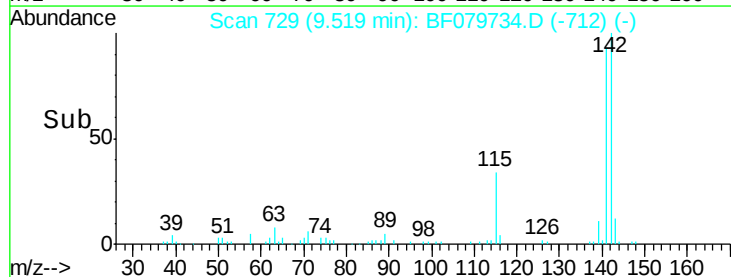
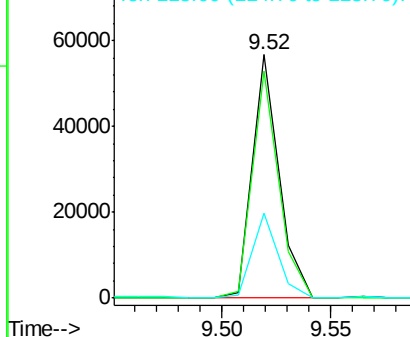


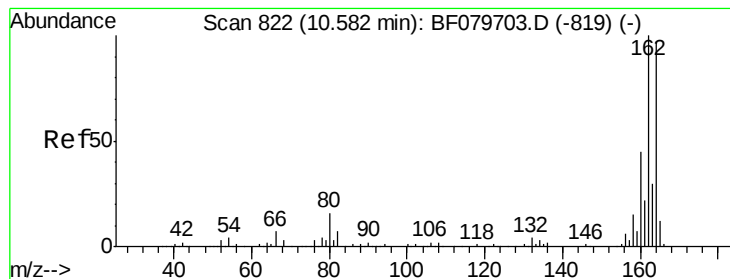
#37
2-Methylnaphthalene
Concen: 5.77 ng
RT: 9.52 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

Tgt Ion:	142	Resp:	48171
Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.8	109.2
115	34.6	26.9	40.3



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: 20.00 ng

RT: 10.58 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

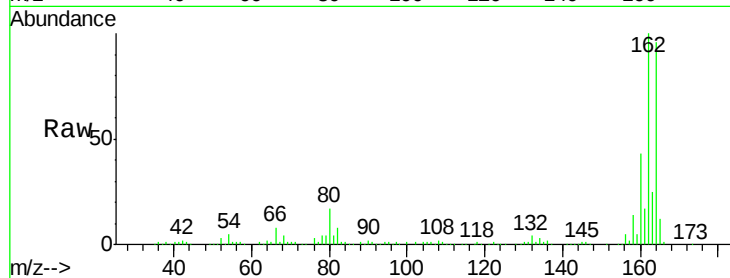
Tgt Ion:164 Resp: 128896

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

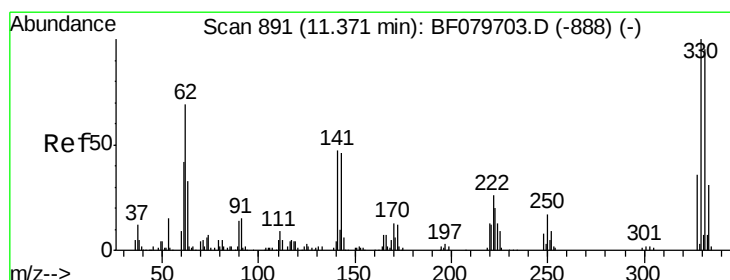
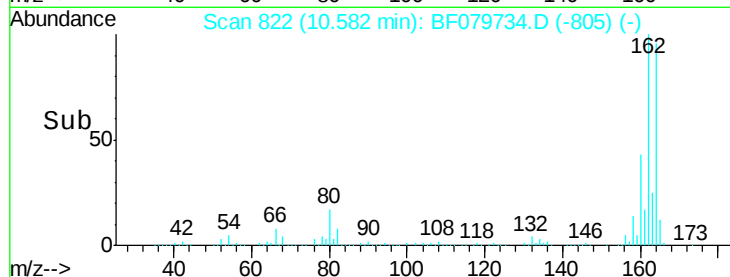
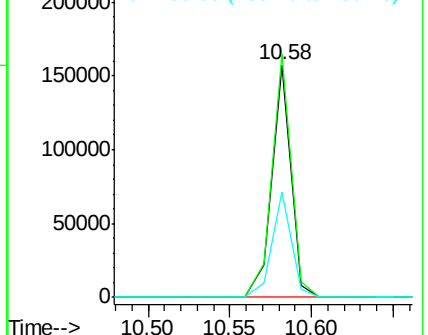
160 45.0 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 3.24 ng

RT: 11.38 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

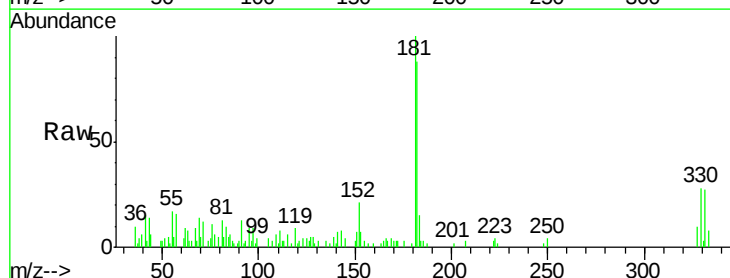
Tgt Ion:330 Resp: 3750

Ion Ratio Lower Upper

330 100

332 92.8 77.4 116.0

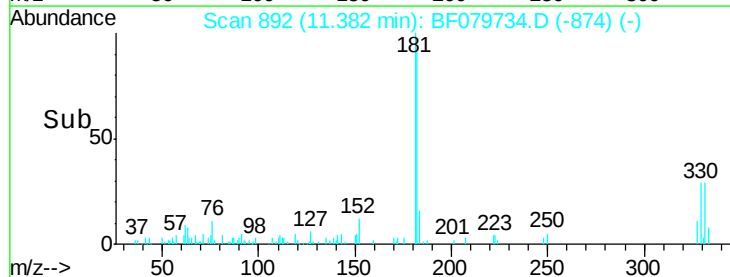
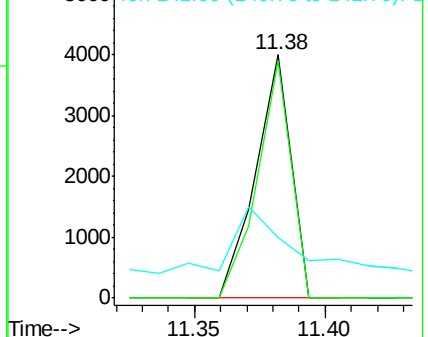
141 45.0 30.2 45.2

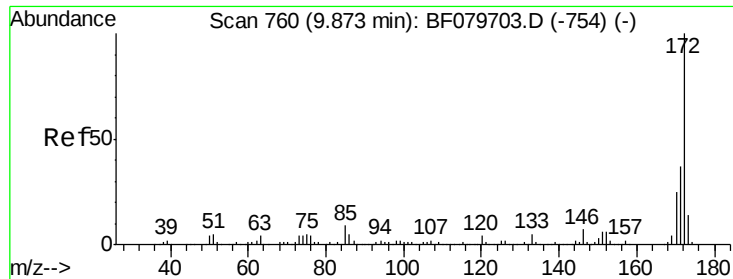


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

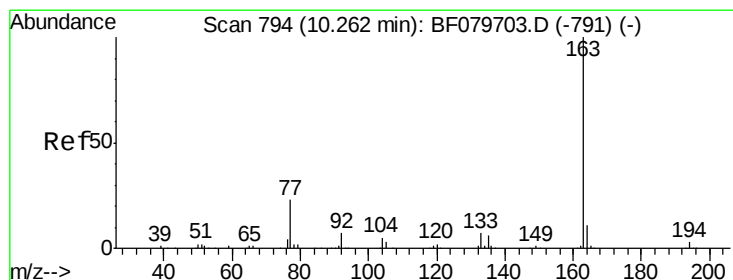
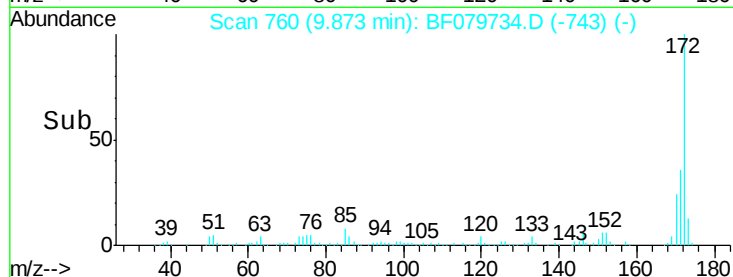
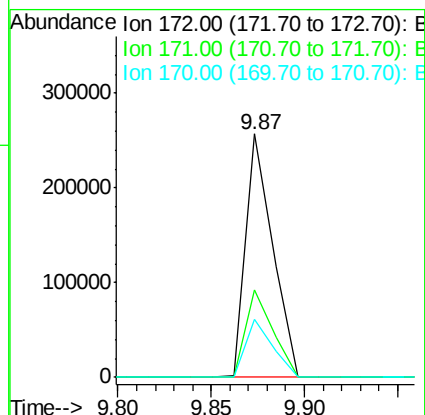
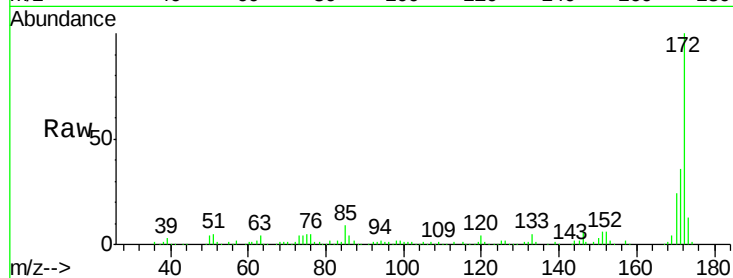




#44
2-Fluorobiphenyl
Concen: 29.01 ng
RT: 9.87 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

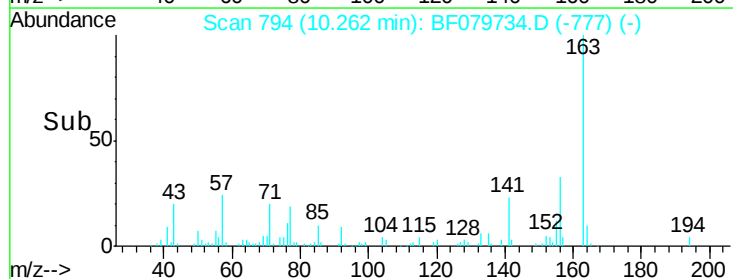
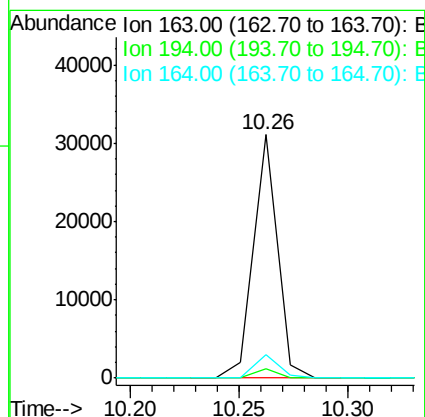
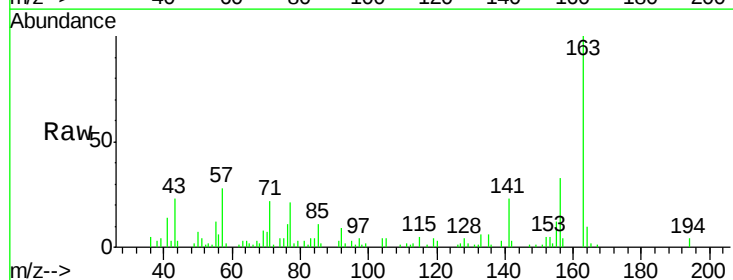
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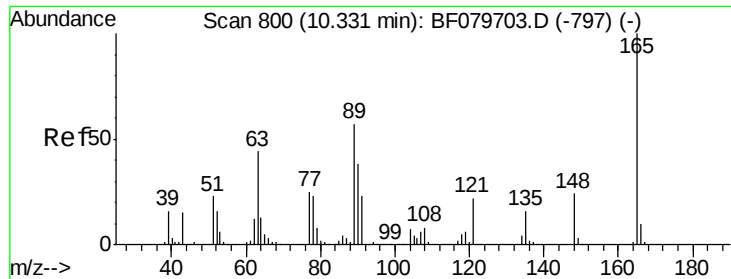
Tgt Ion:172 Resp: 258272
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.7 19.7 29.5



#49
Dimethylphthalate
Concen: 2.41 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

Tgt Ion:163 Resp: 23888
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 9.9 8.5 12.7





#50

2,6-Dinitrotoluene

Concen: 3.36 ng

RT: 10.31 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

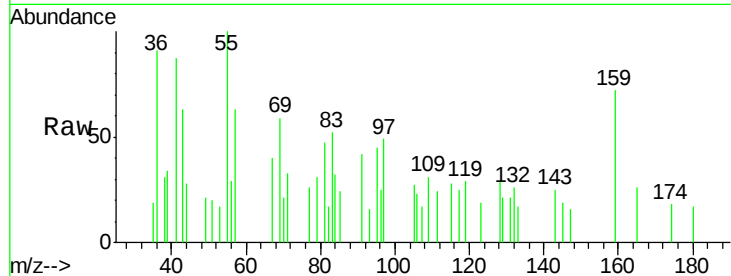
Tgt Ion:165 Resp: 610

Ion Ratio Lower Upper

165 100

63 0.0 45.2 67.8#

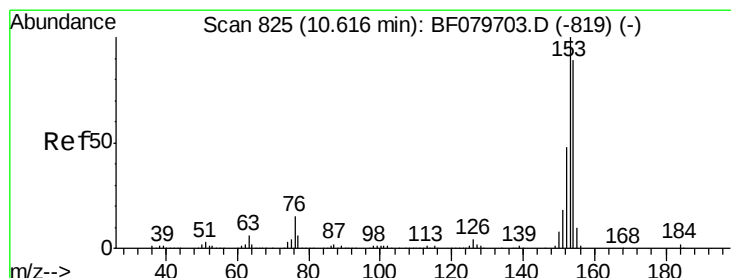
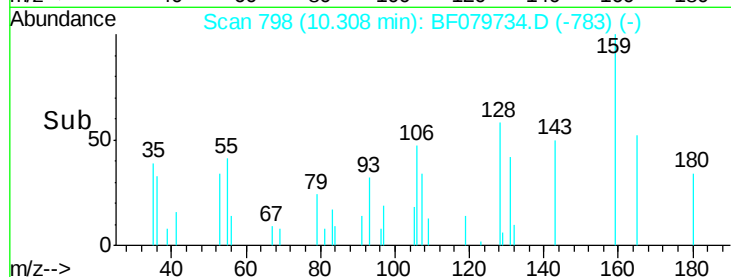
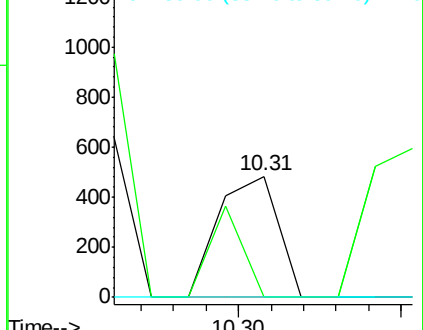
89 0.0 45.9 68.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 6.09 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

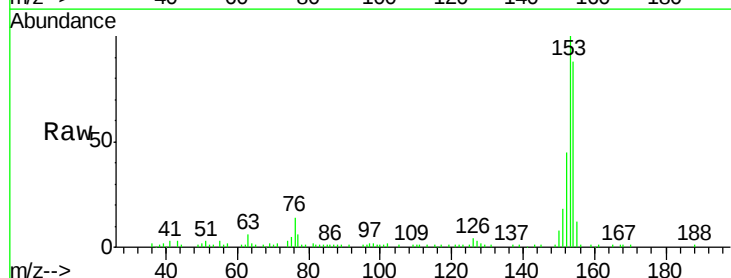
Tgt Ion:154 Resp: 51670

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

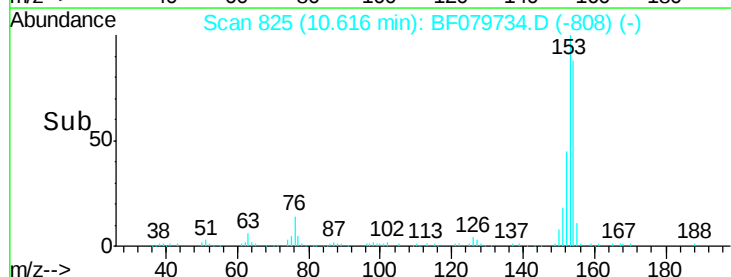
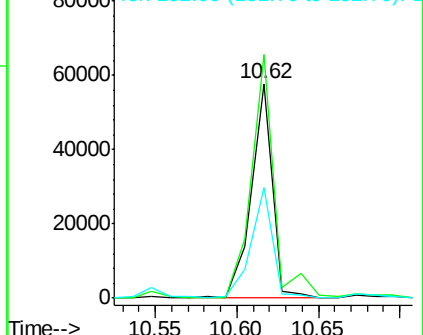
152 51.5 43.4 65.0

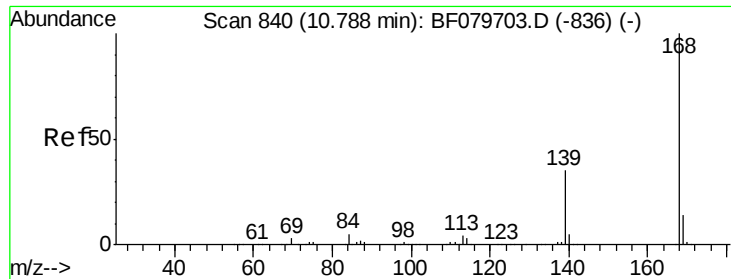


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

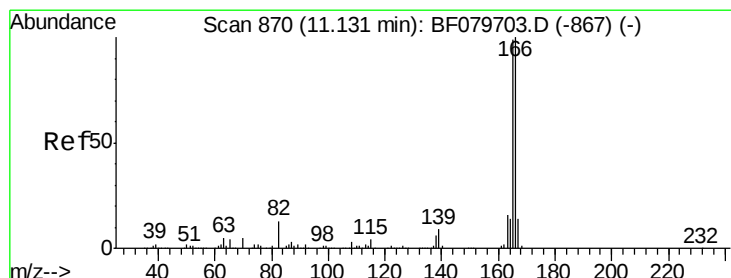
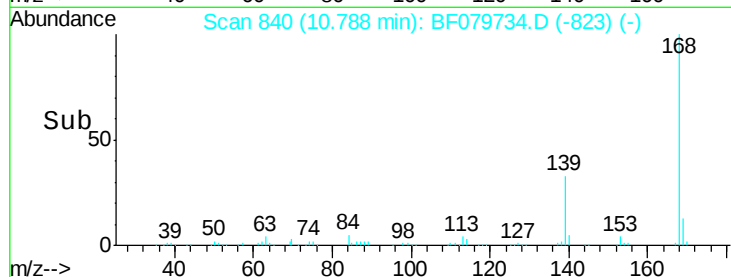
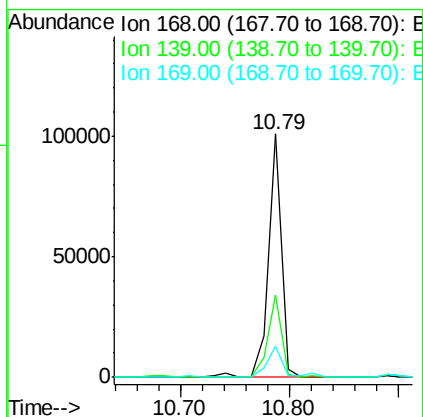
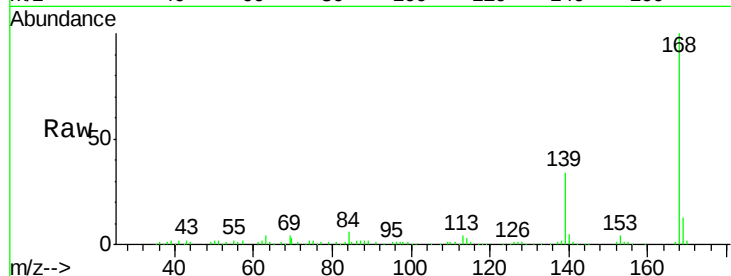




#54
Dibenzenofuran
Concen: 7.02 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

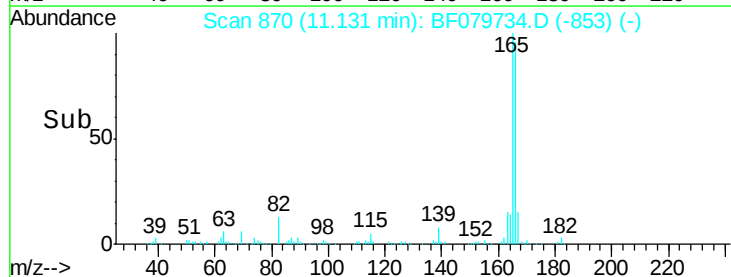
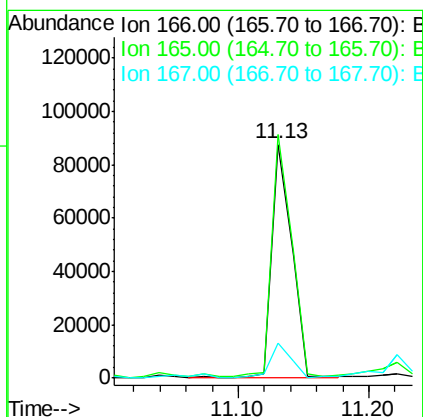
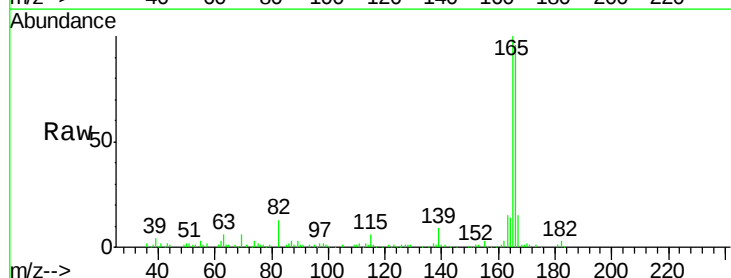
Instrument :
BNA_F
ClientSampleId :
FILL-02-ALLOCCODL

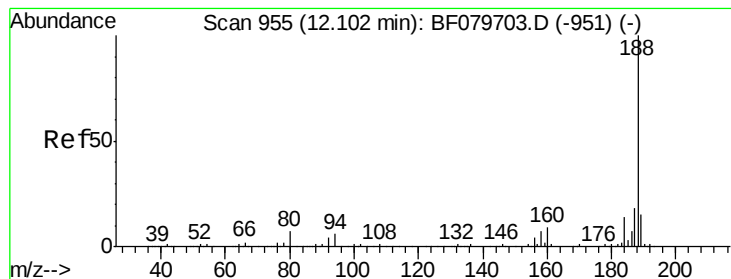
Tgt Ion:168 Resp: 85451
Ion Ratio Lower Upper
168 100
139 33.7 27.7 41.5
169 12.5 11.0 16.4



#57
Fluorene
Concen: 9.19 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

Tgt Ion:166 Resp: 95531
Ion Ratio Lower Upper
166 100
165 104.2 79.4 119.0
167 15.2 11.0 16.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.11 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

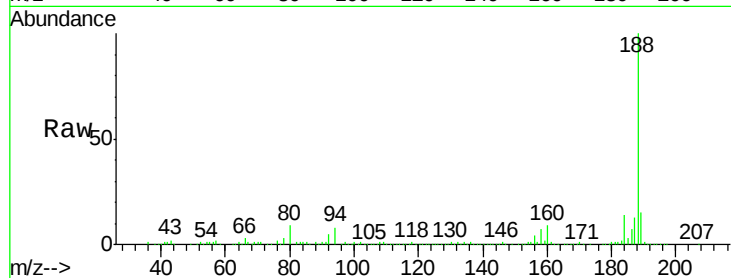
Tgt Ion:188 Resp: 261655

Ion Ratio Lower Upper

188 100

94 8.2 5.0 7.4#

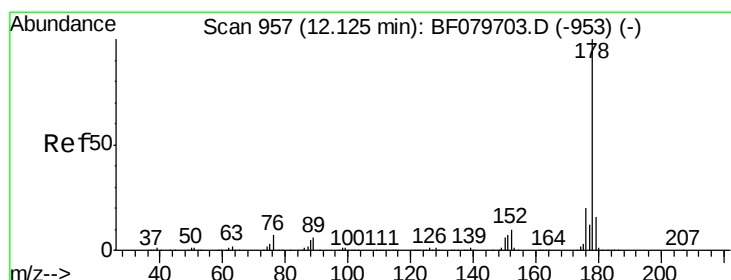
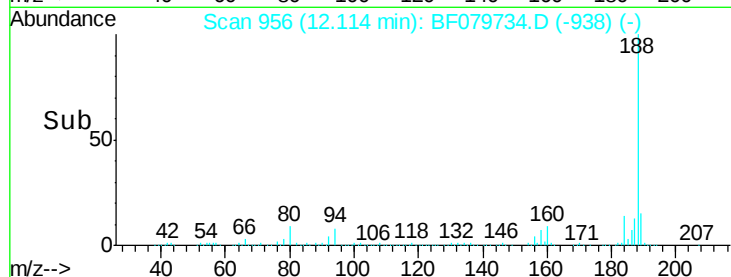
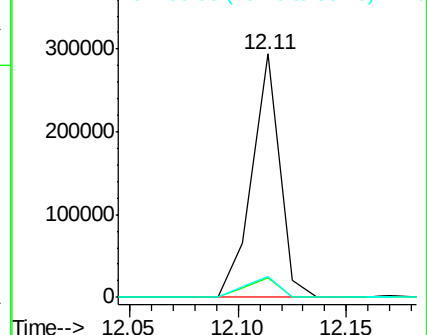
80 8.6 5.3 7.9#



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: 43.14 ng

RT: 12.14 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

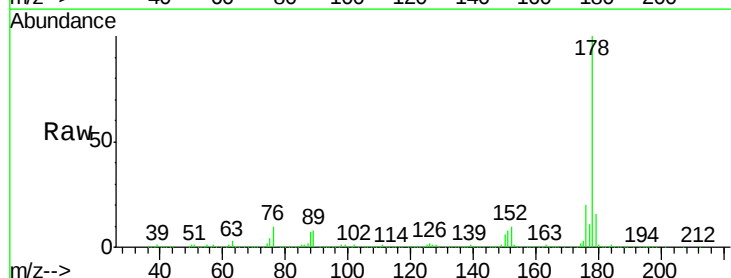
Tgt Ion:178 Resp: 656572

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

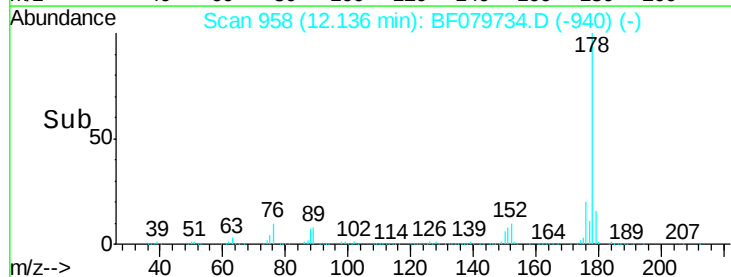
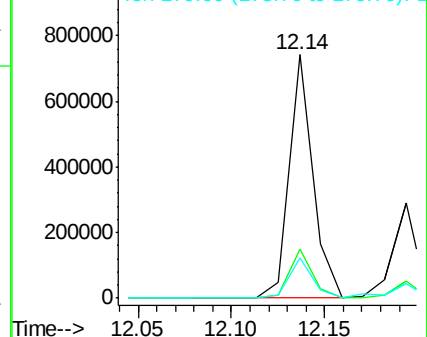
179 16.4 12.6 19.0

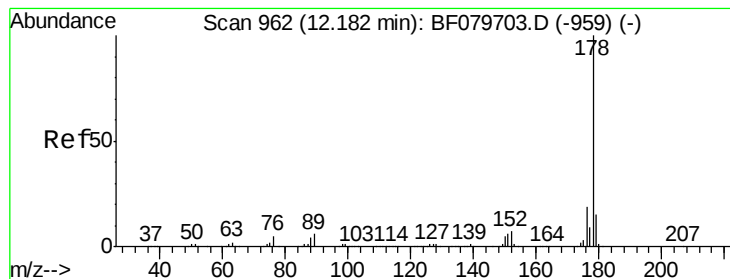


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 17.15 ng

RT: 12.19 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

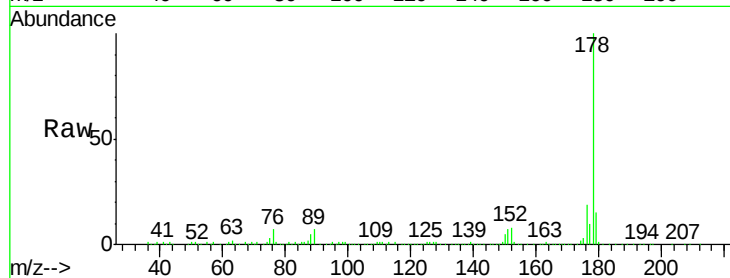
Tgt Ion:178 Resp: 258254

Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

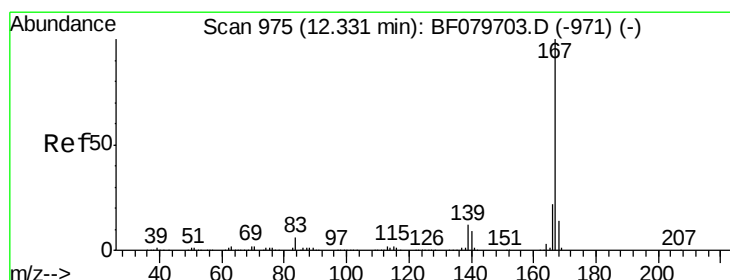
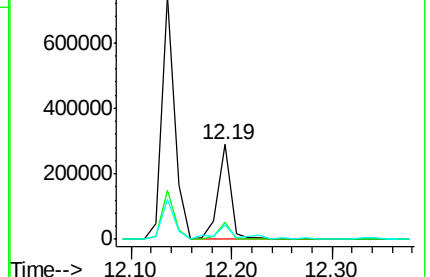
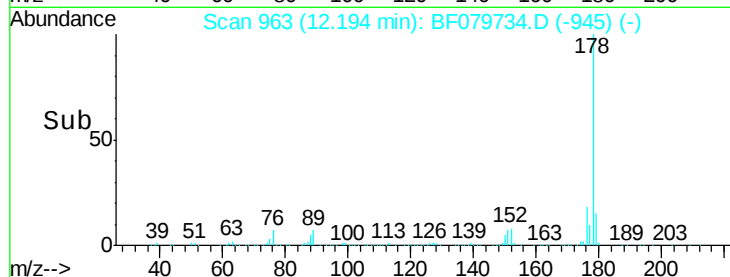
179 15.2 12.2 18.2



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: 6.39 ng

RT: 12.34 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

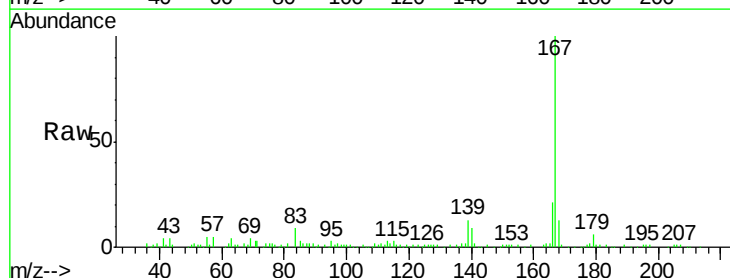
Tgt Ion:167 Resp: 89738

Ion Ratio Lower Upper

167 100

166 21.3 17.7 26.5

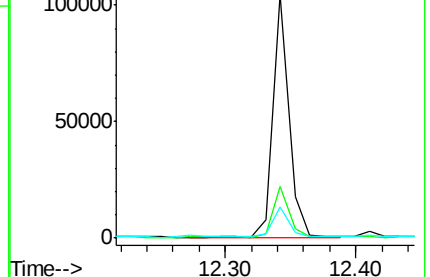
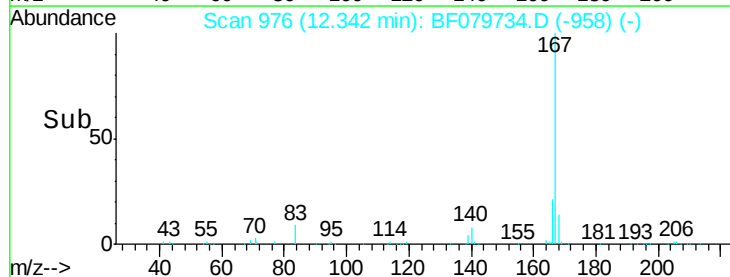
139 12.9 9.3 13.9

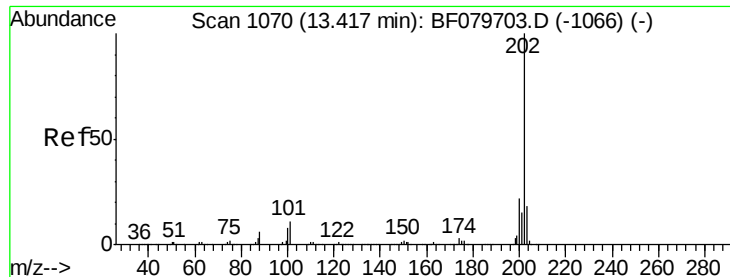


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 33.19 ng

RT: 13.46 min Scan# 1074

Delta R.T. 0.05 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

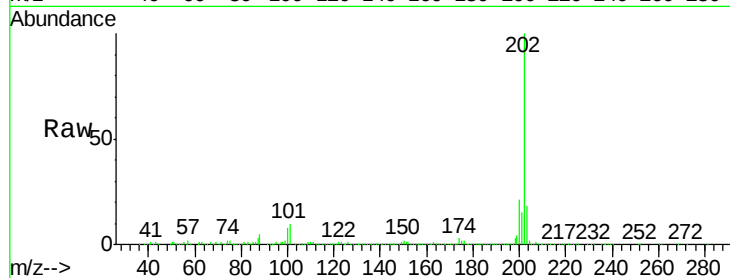
Tgt Ion:202 Resp: 547897

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.3

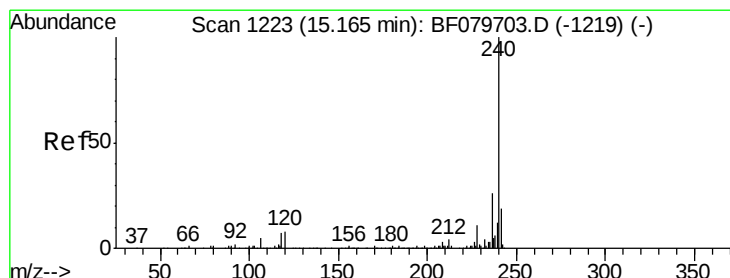
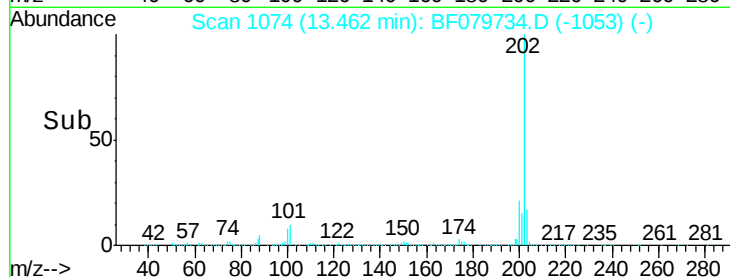
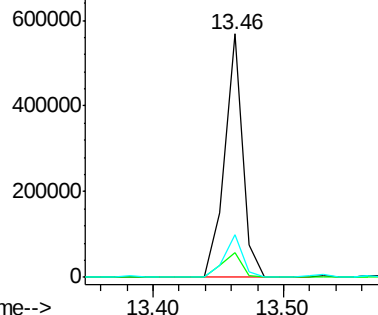
203 17.5 0.0 38.4



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

RT: 15.27 min Scan# 1232

Delta R.T. 0.10 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

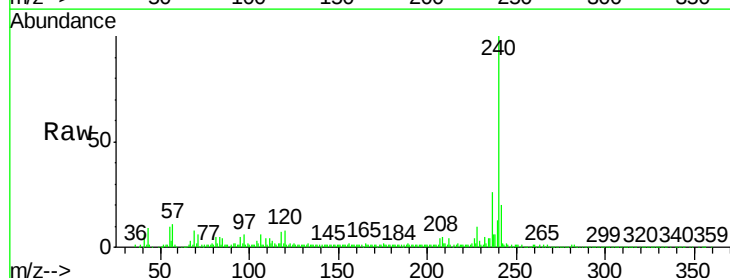
Tgt Ion:240 Resp: 272937

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

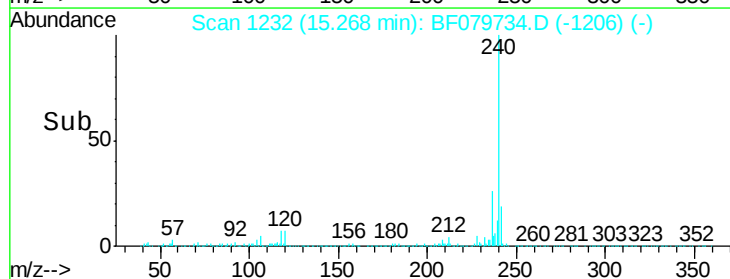
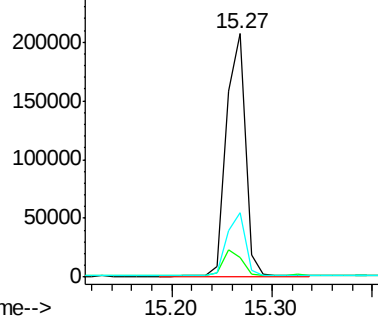
236 26.4 21.0 31.4

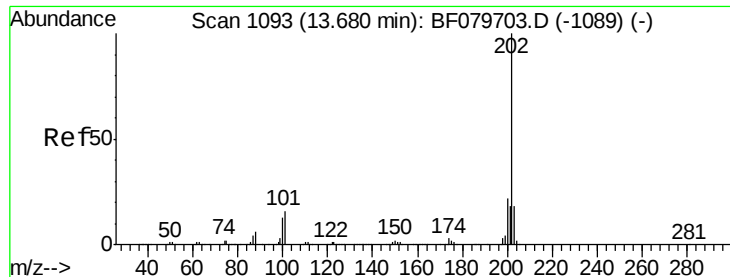


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 26.69 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.06 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

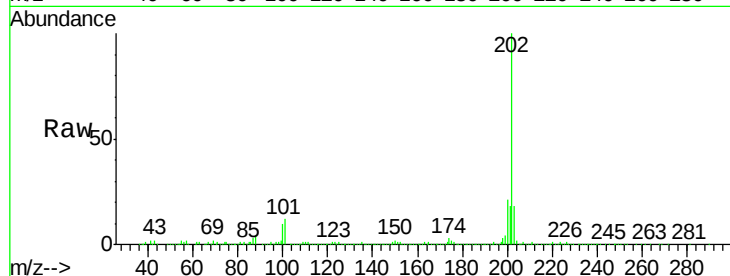
Tgt Ion:202 Resp: 452713

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

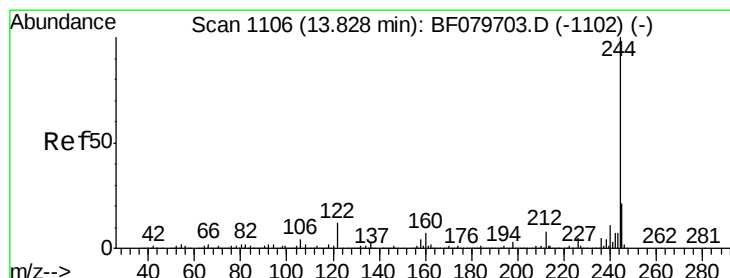
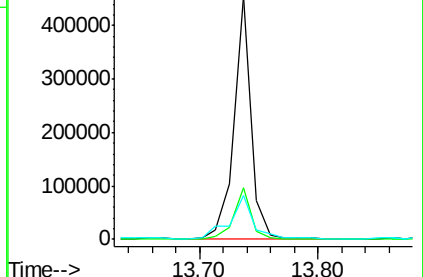
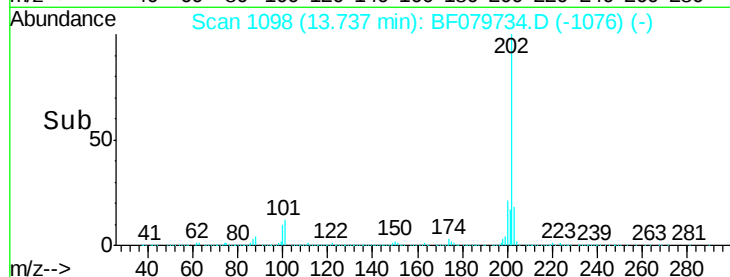
203 18.1 14.8 22.2



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: 30.72 ng

RT: 13.89 min Scan# 1111

Delta R.T. 0.06 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

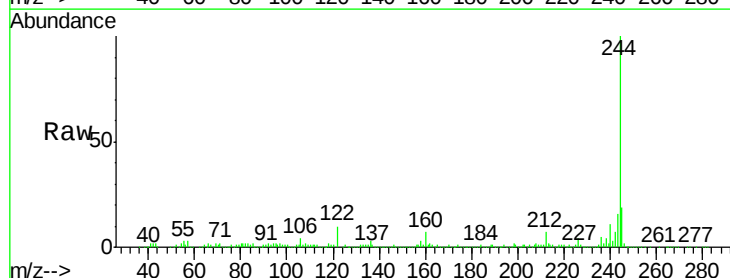
Tgt Ion:244 Resp: 355910

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

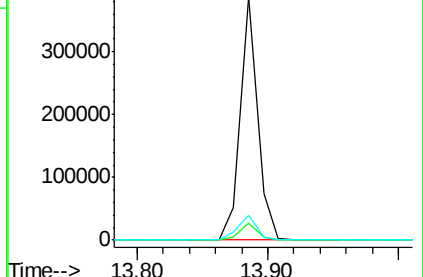
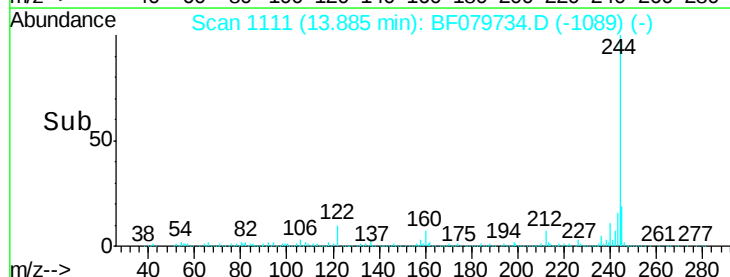
122 10.4 9.3 13.9

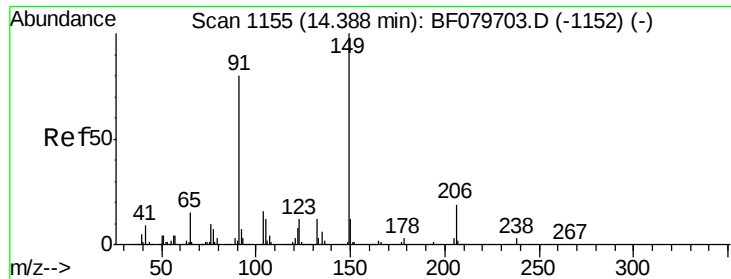


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

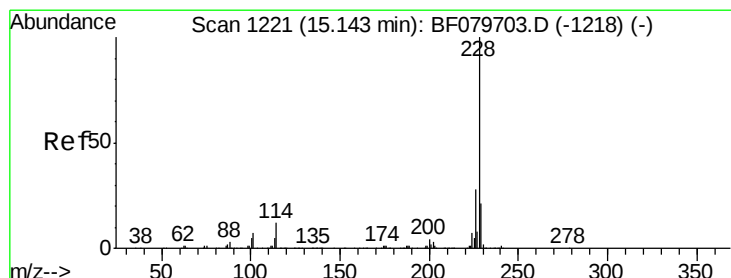
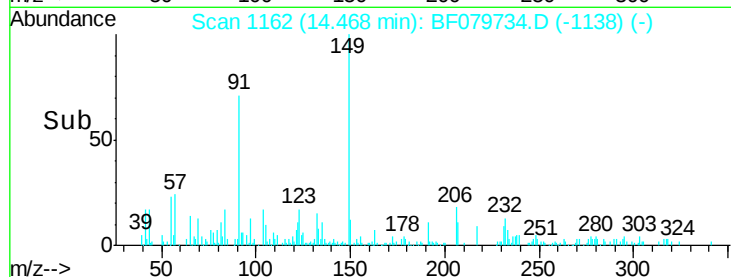
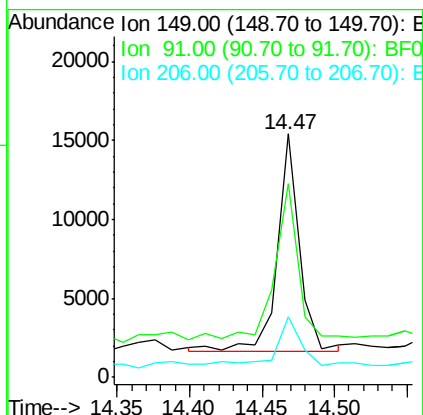
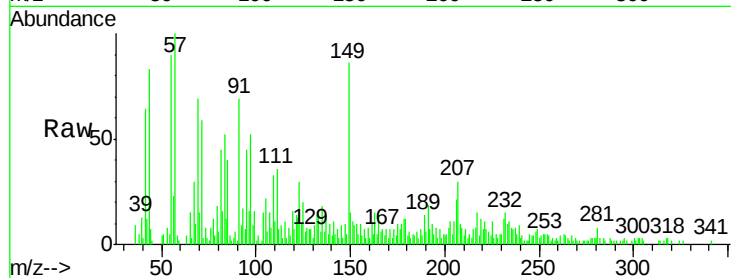




#79
Butylbenzylphthalate
Concen: 2.22 ng
RT: 14.47 min Scan# 1162
Delta R.T. 0.08 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

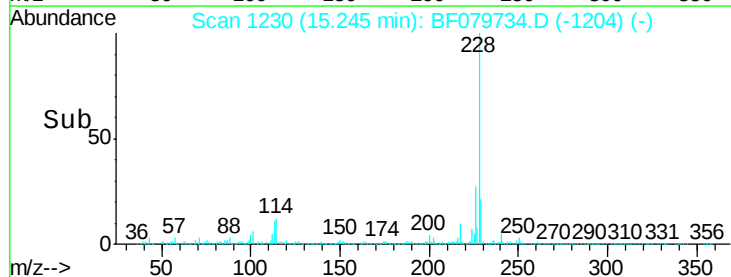
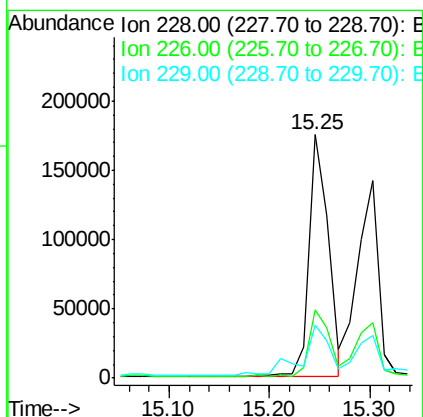
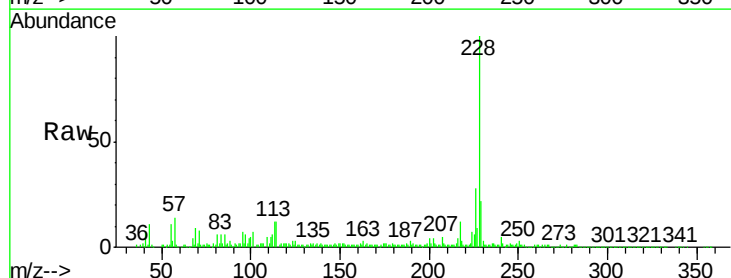
Instrument :
BNA_F
ClientSampleId :
FILL-02-ALLOCCODL

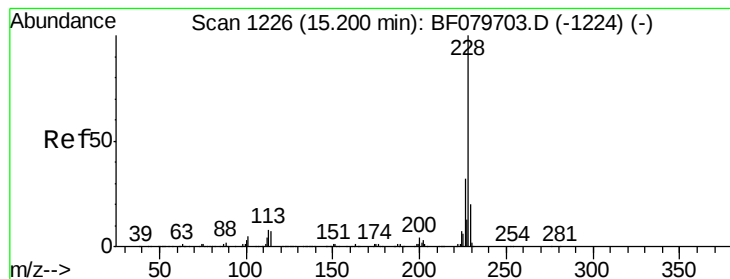
Tgt Ion:149 Resp: 14533
Ion Ratio Lower Upper
149 100
91 79.6 64.4 96.6
206 24.9 14.8 22.2#



#80
Benzo(a)anthracene
Concen: 14.01 ng
RT: 15.25 min Scan# 1230
Delta R.T. 0.10 min
Lab File: BF079734.D
Acq: 5 Jun 2015 10:01

Tgt Ion:228 Resp: 233729
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 21.9 16.6 25.0





#82

Chrysene

Concen: 13.14 ng

RT: 15.30 min Scan# 1235

Delta R.T. 0.10 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

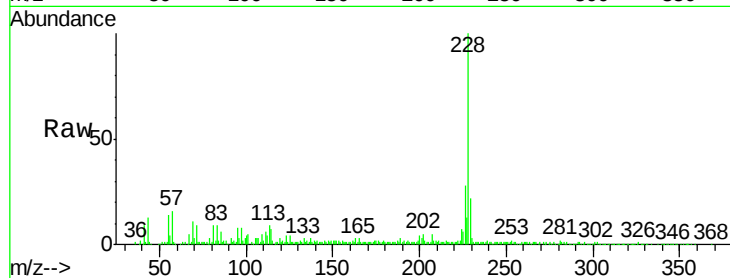
Tgt Ion:228 Resp: 205206

Ion Ratio Lower Upper

228 100

226 28.2 25.2 37.8

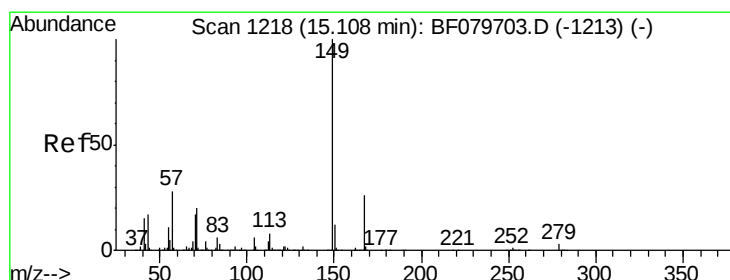
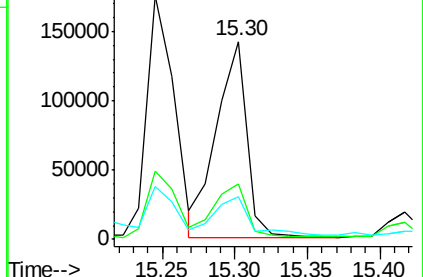
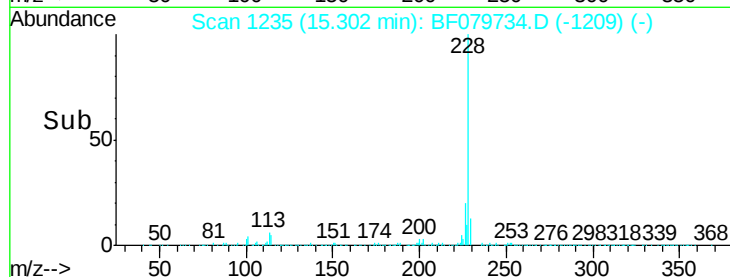
229 21.6 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.31 ng

RT: 15.21 min Scan# 1227

Delta R.T. 0.10 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

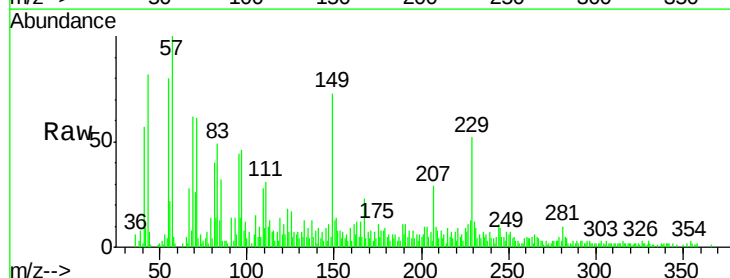
Tgt Ion:149 Resp: 23748

Ion Ratio Lower Upper

149 100

167 31.6 20.9 31.3#

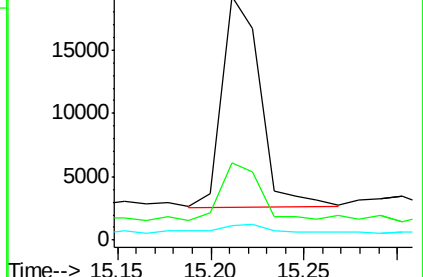
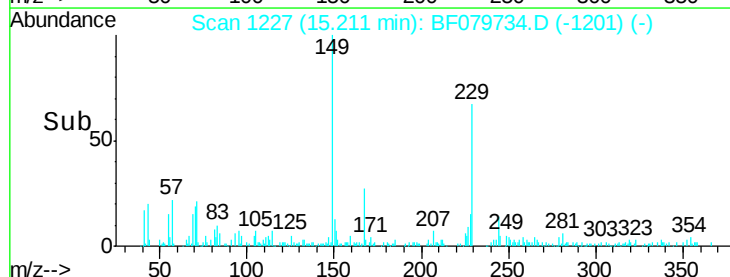
279 6.2 2.2 3.2#

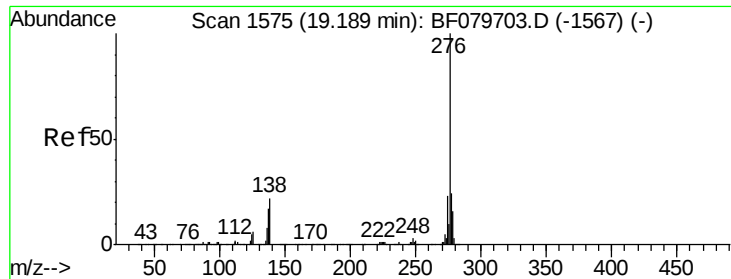


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.44 ng

RT: 19.37 min Scan# 1591

Delta R.T. 0.18 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

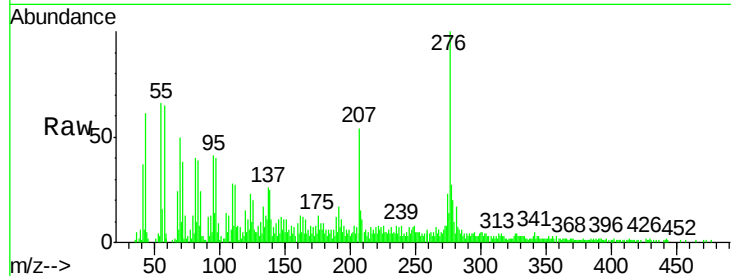
Tgt Ion:276 Resp: 78163

Ion Ratio Lower Upper

276 100

138 21.2 20.8 31.2

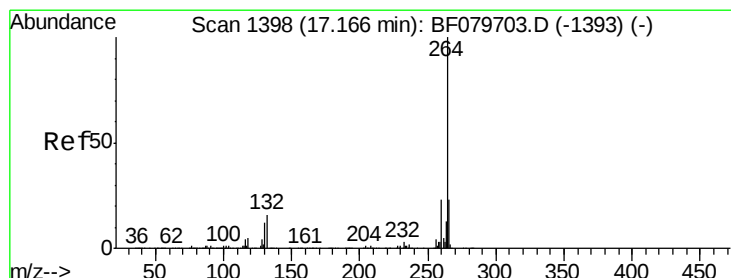
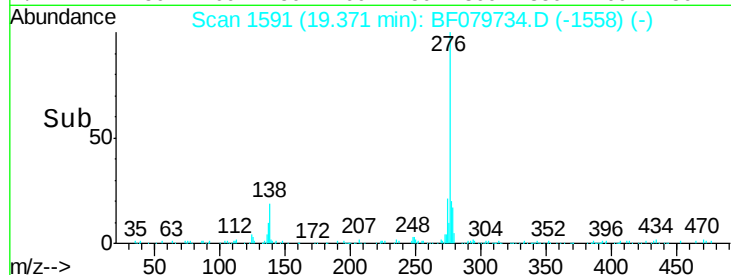
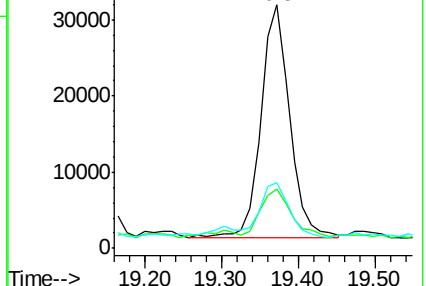
277 25.1 20.0 30.0



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

RT: 17.33 min Scan# 1412

Delta R.T. 0.16 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

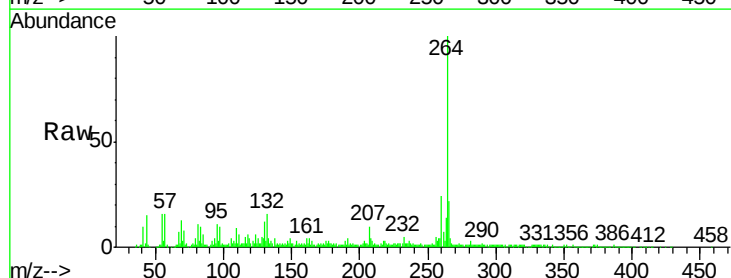
Tgt Ion:264 Resp: 237279

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

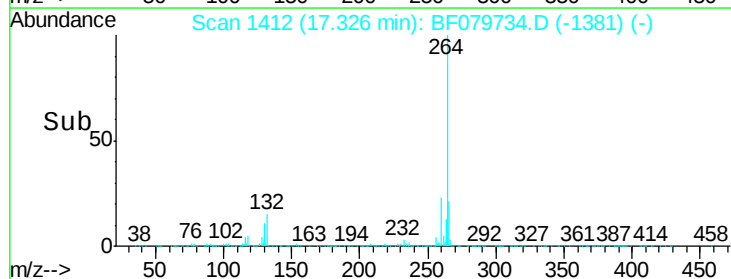
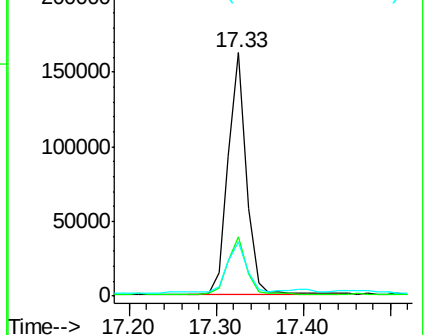
265 22.3 18.2 27.4

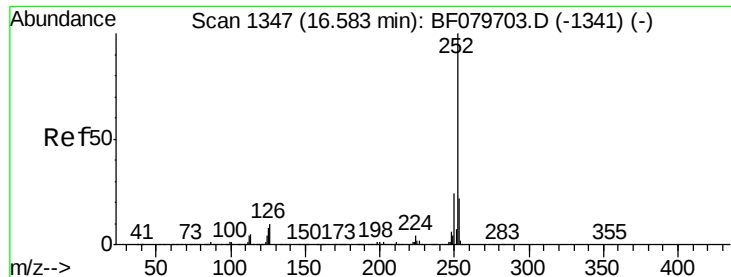


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 18.14 ng

RT: 16.73 min Scan# 1360

Delta R.T. 0.15 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

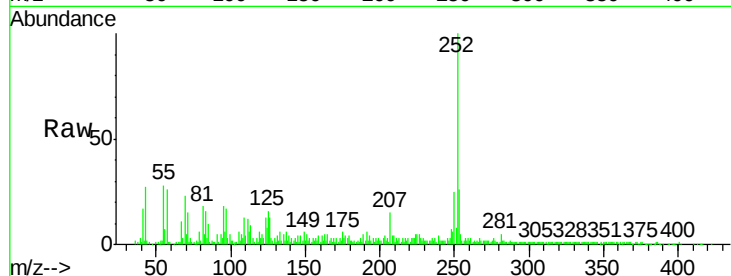
Tgt Ion:252 Resp: 277703

Ion Ratio Lower Upper

252 100

253 26.5 17.4 26.2#

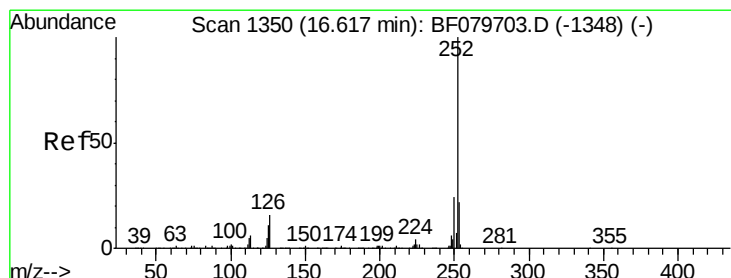
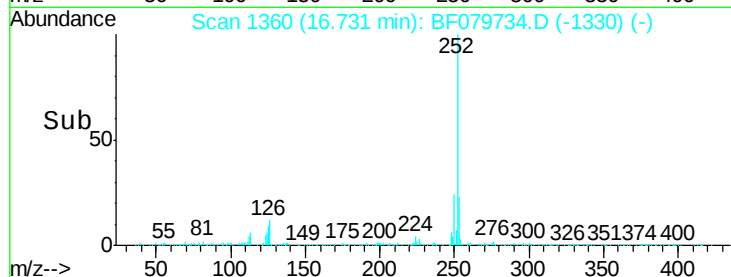
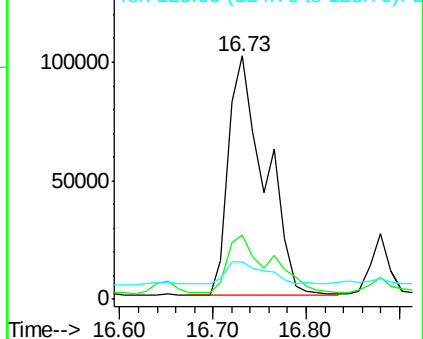
125 15.7 6.5 9.7#



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: 19.01 ng

RT: 16.73 min Scan# 1360

Delta R.T. 0.11 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

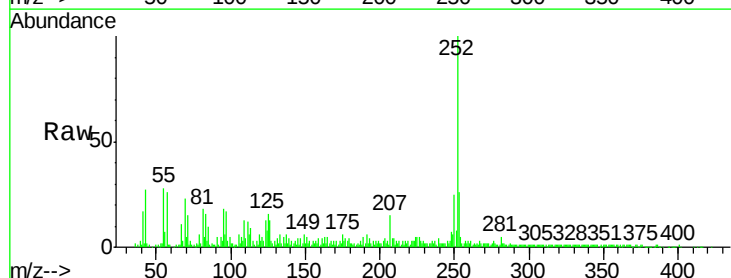
Tgt Ion:252 Resp: 277703

Ion Ratio Lower Upper

252 100

253 26.5 17.8 26.8

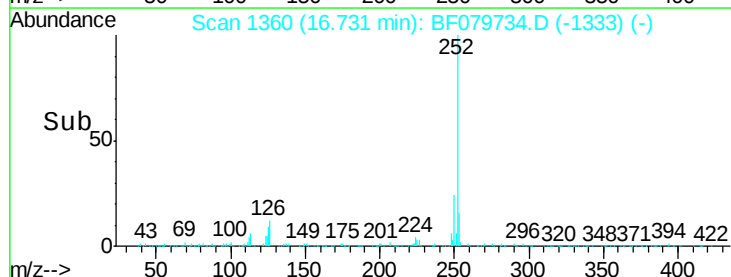
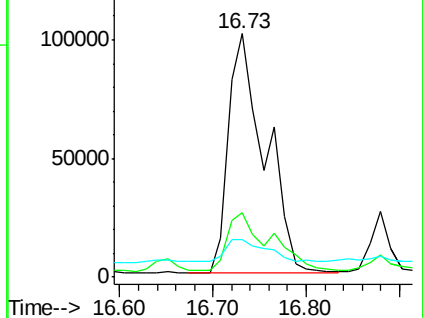
125 15.7 8.4 12.6#

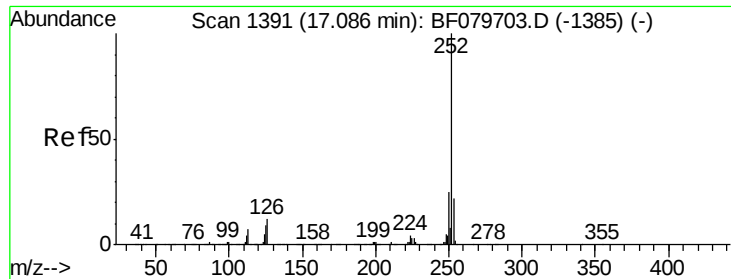


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.31 ng

RT: 17.23 min Scan# 1404

Delta R.T. 0.15 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

Instrument :

BNA_F

ClientSampleId :

FILL-02-ALLOCCODL

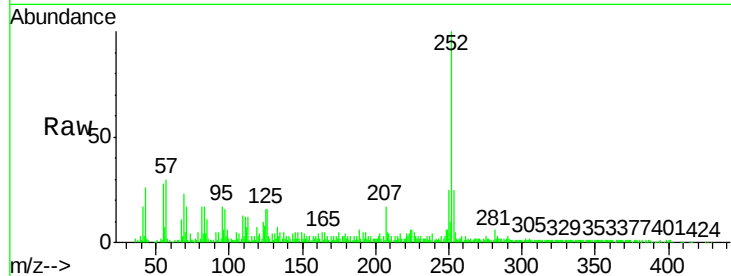
Tgt Ion:252 Resp: 144144

Ion Ratio Lower Upper

252 100

253 24.8 17.6 26.4

125 16.4 7.4 11.0#

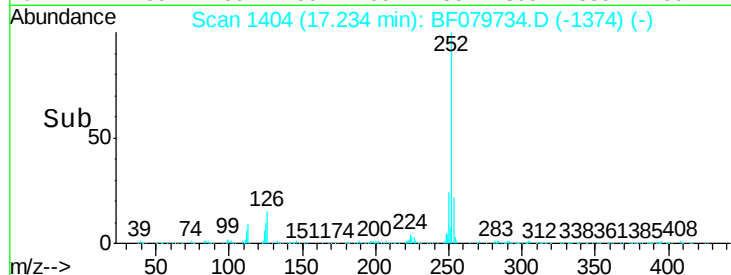


Abundance Ion 252.00 (251.70 to 252.70): E

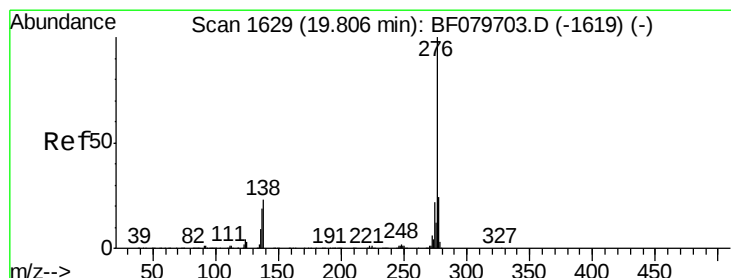
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 17.15 17.20 17.25 17.30



Time--> 17.15 17.20 17.25 17.30



#91

Benzo(g,h,i)perylene

Concen: 5.72 ng

RT: 19.99 min Scan# 1645

Delta R.T. 0.18 min

Lab File: BF079734.D

Acq: 5 Jun 2015 10:01

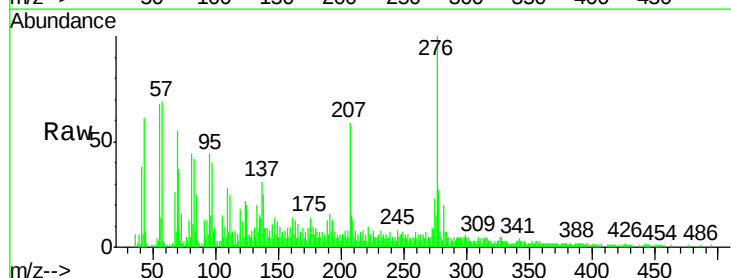
Tgt Ion:276 Resp: 75567

Ion Ratio Lower Upper

276 100

277 27.0 18.8 28.2

138 25.3 18.2 27.2

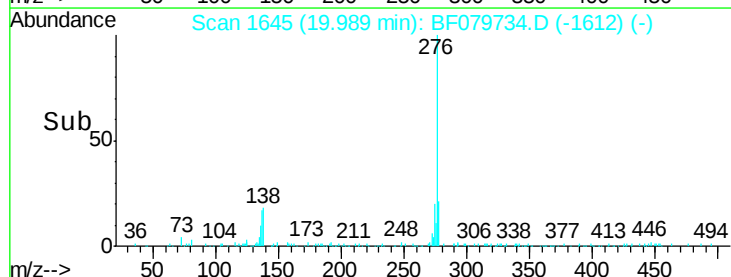


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time--> 19.90 20.00 20.10



Time--> 19.90 20.00 20.10