

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078673.D
 Acq On : 21 Apr 2015 7:58
 Operator : TP/IZ
 Sample : G1943-07 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-C-1

Quant Time: Apr 21 08:44:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:32:38 2015
 Response via : Initial Calibration

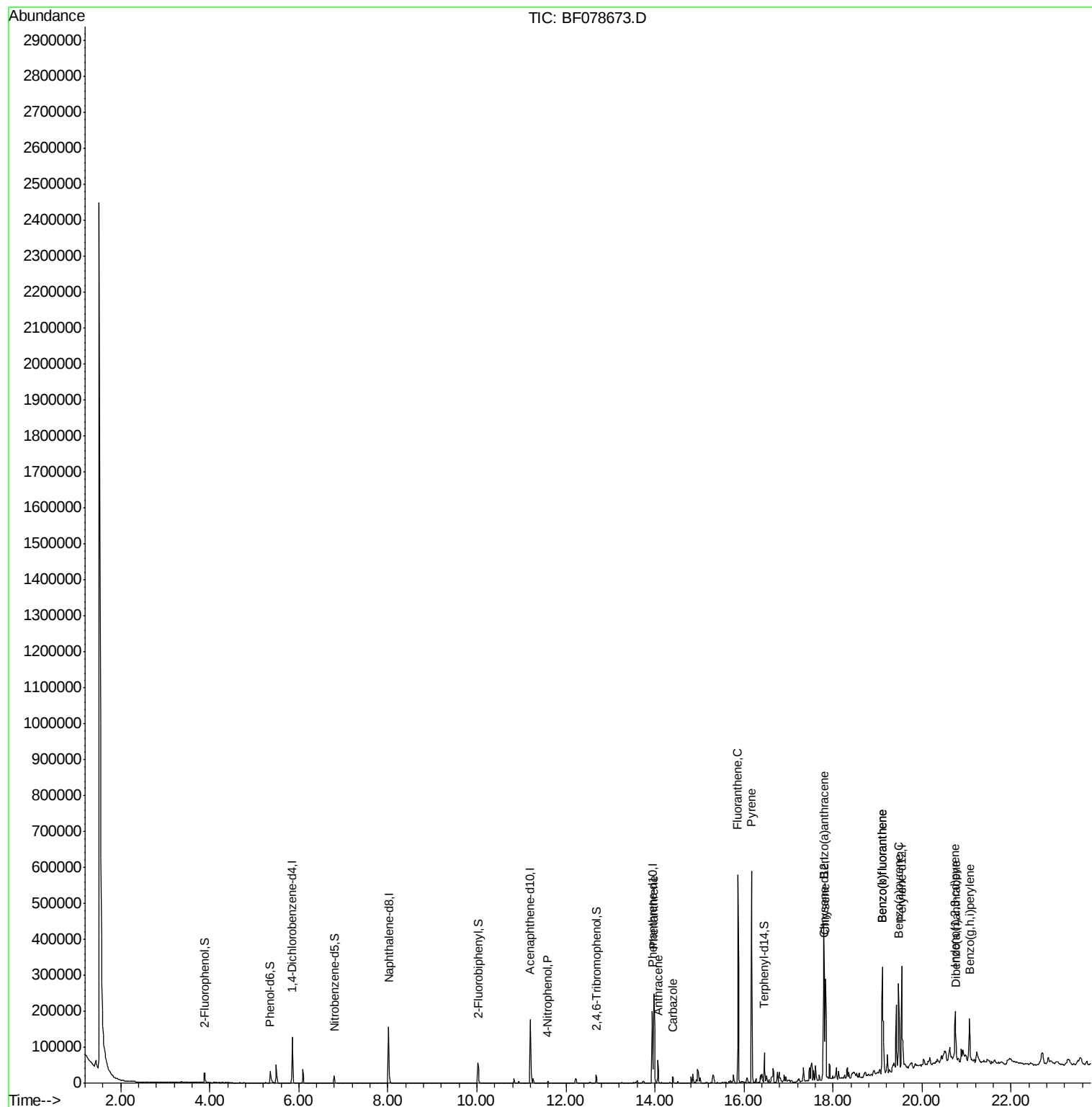
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	30121	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	119613	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	61325	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	119973	20.00	ng	0.00
75) Chrysene-d12	17.81	240	124418	20.00	ng	0.00
86) Perylene-d12	19.54	264	125056	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.88	112	16319	8.93	ng	0.01
7) Phenol-d6	5.36	99	21696	9.48	ng	0.00
23) Nitrobenzene-d5	6.80	82	11952	6.06	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	4928	9.69	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	30920	7.21	ng	-0.01
78) Terphenyl-d14	16.46	244	35690	6.48	ng	-0.01
Target Compounds						Qvalue
55) 4-Nitrophenol	11.59	139	1266	4.31	ng	# 18
70) Phenanthrene	13.98	178	148945	21.46	ng	99
71) Anthracene	14.07	178	40349	5.90	ng	98
72) Carbazole	14.40	167	14831	2.31	ng	97
74) Fluoranthene	15.86	202	319219	43.62	ng	96
77) Pyrene	16.17	202	290587	37.20	ng	# 96
80) Benzo(a)anthracene	17.79	228	145299	19.63	ng	99
82) Chrysene	17.83	228	127776	18.37	ng	99
85) Indeno(1,2,3-cd)pyrene	20.74	276	84606	10.72	ng	# 89
87) Benzo(b)fluoranthene	19.11	252	231711	29.98	ng	# 97
88) Benzo(k)fluoranthene	19.11	252	232812	33.90	ng	97
89) Benzo(a)pyrene	19.47	252	119799	17.76	ng	# 94
90) Dibenzo(a,h)anthracene	20.75	278	20290	3.00	ng	# 91
91) Benzo(g,h,i)perylene	21.06	276	75746	11.19	ng	97

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

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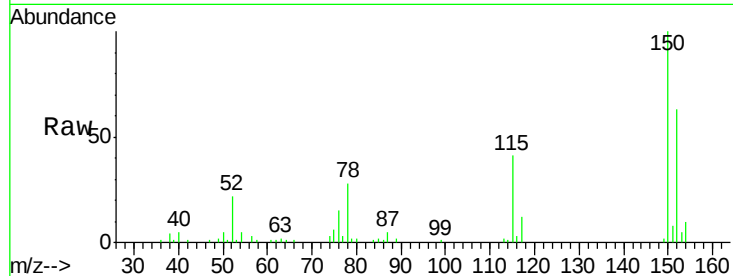




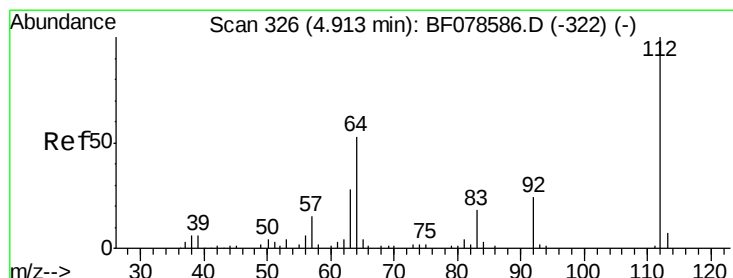
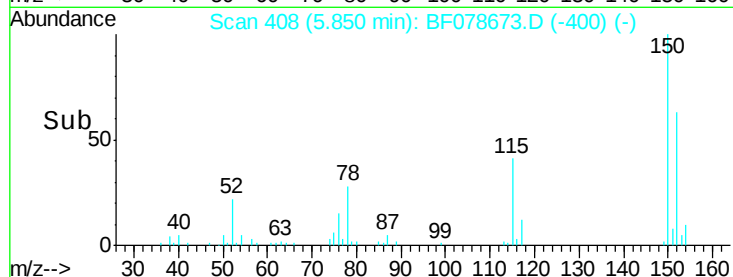
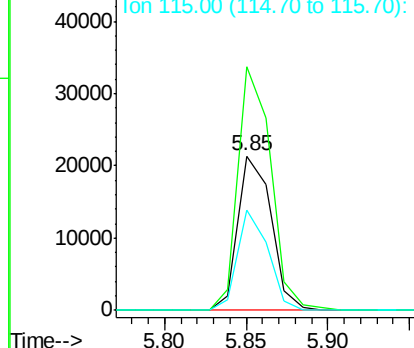
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

Instrument :
 BNA_F
 ClientSampled :
 SP-C-1

Tgt Ion:152 Resp: 30121
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.9 188.9
 115 65.4 52.7 79.1

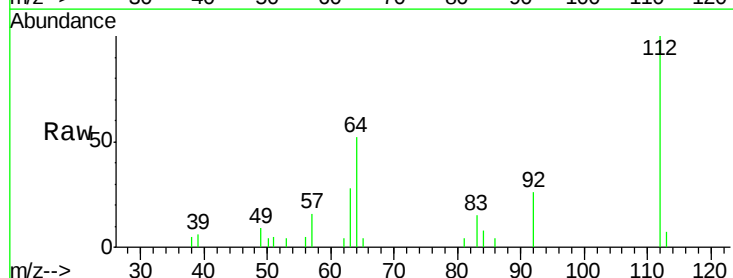


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

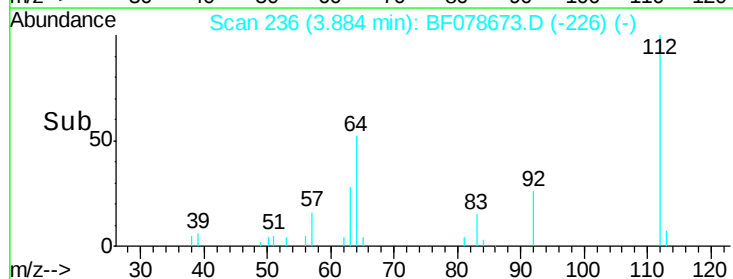
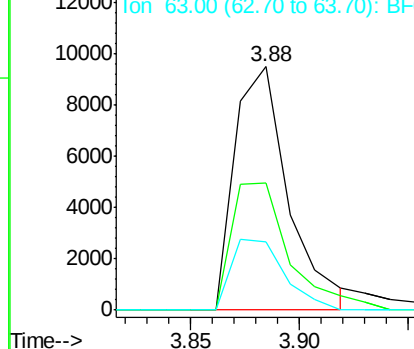


#5
 2-Fluorophenol
 Concen: 8.93 ng
 RT: 3.88 min Scan# 236
 Delta R.T. 0.01 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

Tgt Ion:112 Resp: 16319
 Ion Ratio Lower Upper
 112 100
 64 52.2 39.9 59.9
 63 28.0 20.2 30.4



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: 9.48 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

Instrument :

BNA_F

ClientSampleId :

SP-C-1

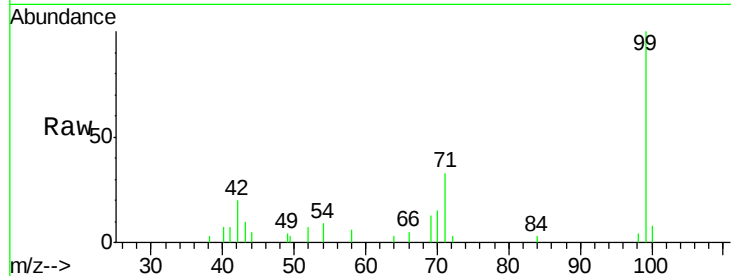
Tgt Ion: 99 Resp: 21696

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

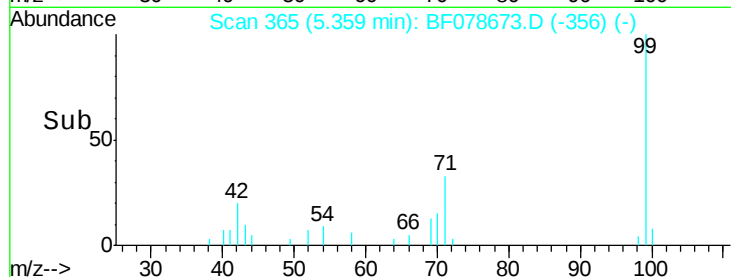
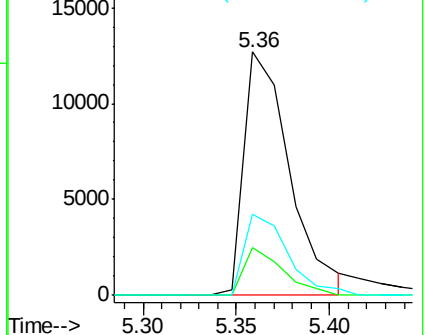
71 33.5 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

Tgt Ion: 136 Resp: 119613

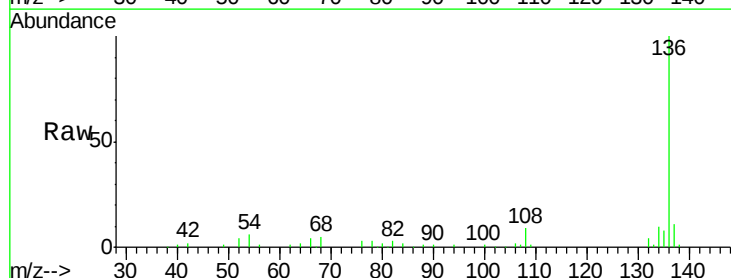
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.0 7.0 10.6#

68 4.6 5.4 8.2#

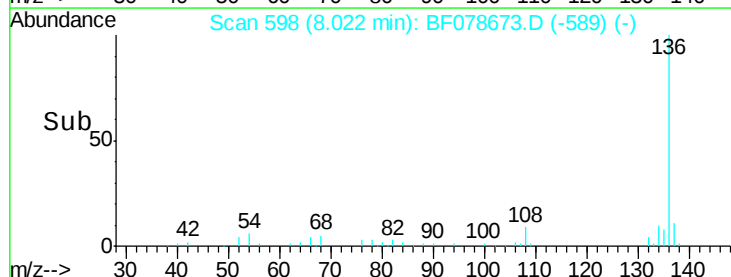
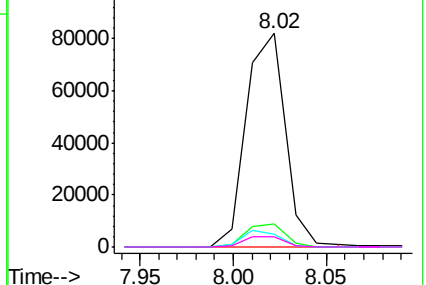


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.06 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

Instrument :

BNA_F

ClientSampleId :

SP-C-1

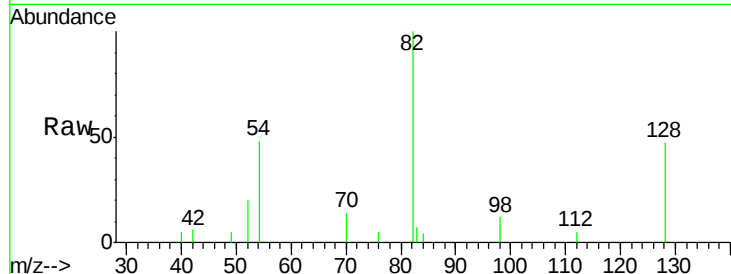
Tgt Ion: 82 Resp: 11952

Ion Ratio Lower Upper

82 100

128 46.8 31.8 47.8

54 48.5 41.5 62.3

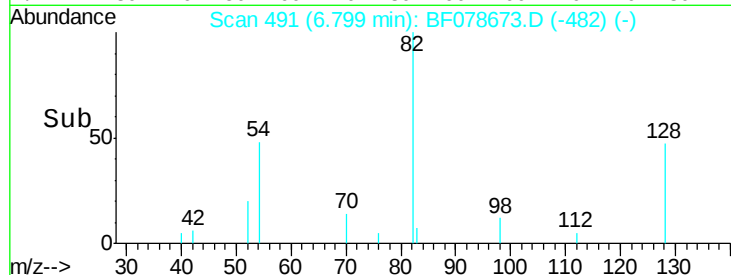


Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

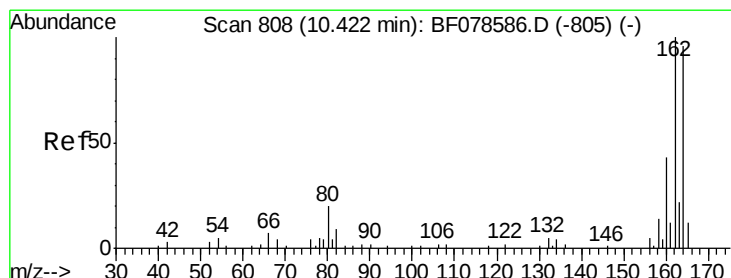
Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

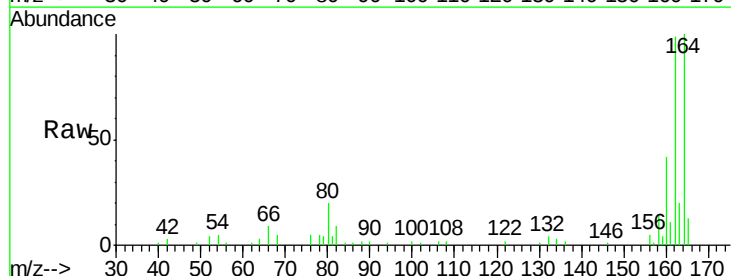
Tgt Ion: 164 Resp: 61325

Ion Ratio Lower Upper

164 100

162 99.0 82.2 123.2

160 42.5 34.7 52.1

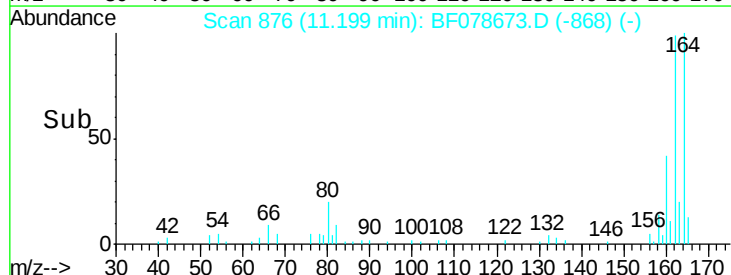


Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BF078586.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BF078586.D (-805) (-)

Time-->



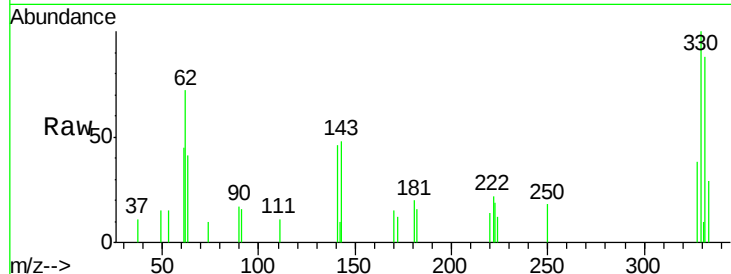
Time-->



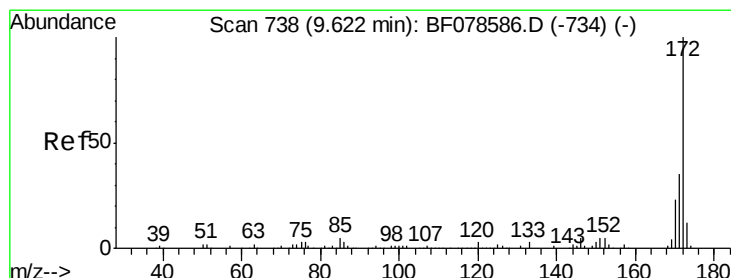
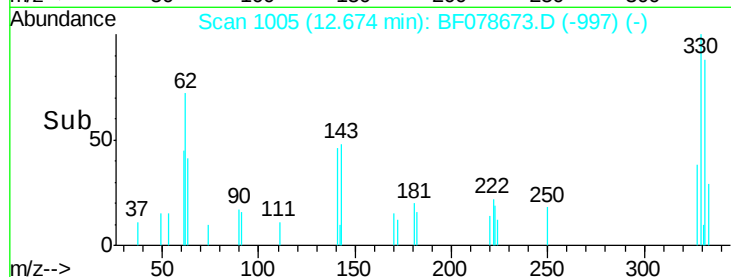
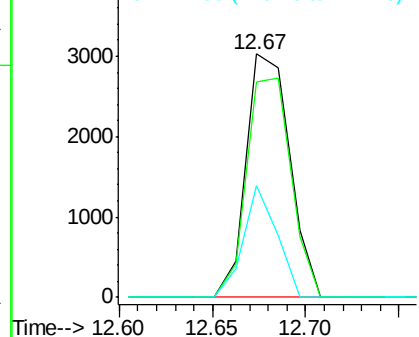
#41
 2,4,6-Tribromophenol
 Concen: 9.69 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-C-1

Tgt Ion:330 Resp: 4928
 Ion Ratio Lower Upper
 330 100
 332 91.5 78.6 117.8
 141 35.1 31.2 46.8

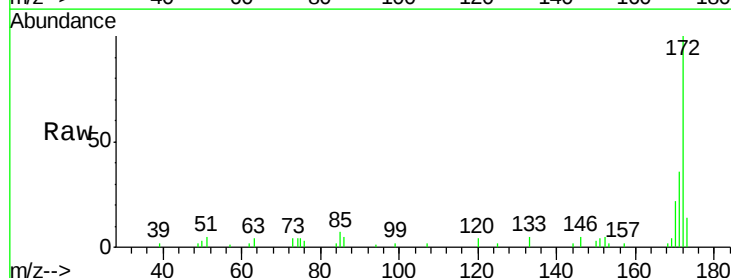


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

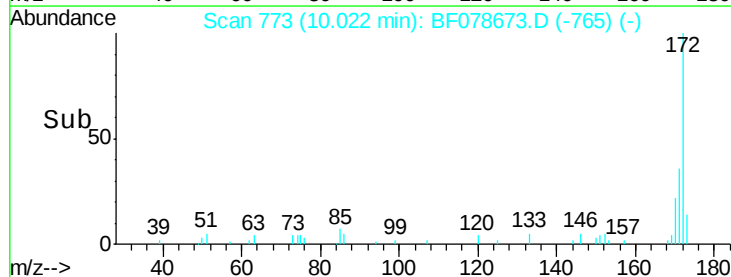
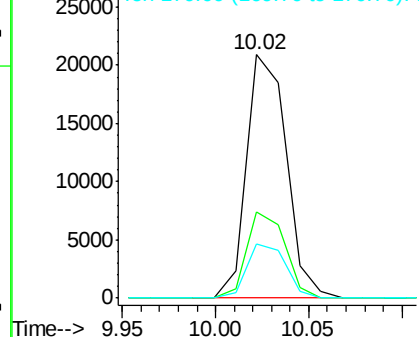


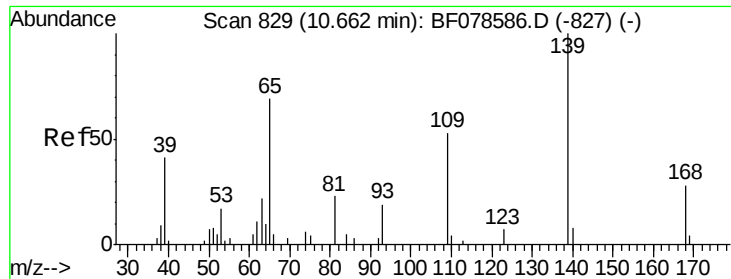
#44
 2-Fluorobiphenyl
 Concen: 7.21 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

Tgt Ion:172 Resp: 30920
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 22.4 18.5 27.7



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

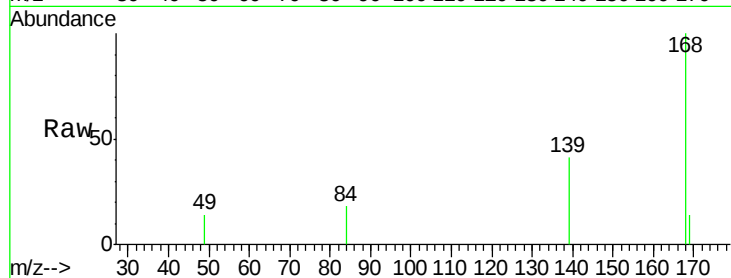




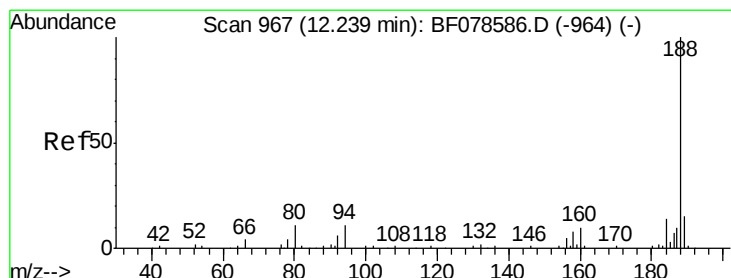
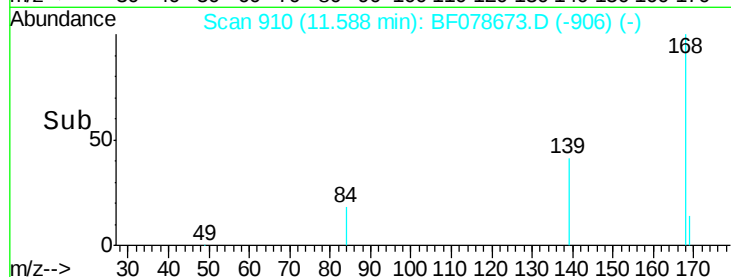
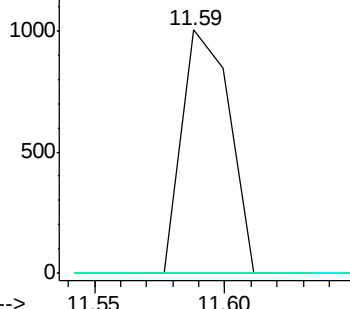
#55
 4-Nitrophenol
 Concen: 4.31 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.06 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

Instrument :
 BNA_F
 ClientSampled :
 SP-C-1

Tgt Ion:139 Resp: 1266
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.7 76.7#
 65 0.0 49.9 89.9#

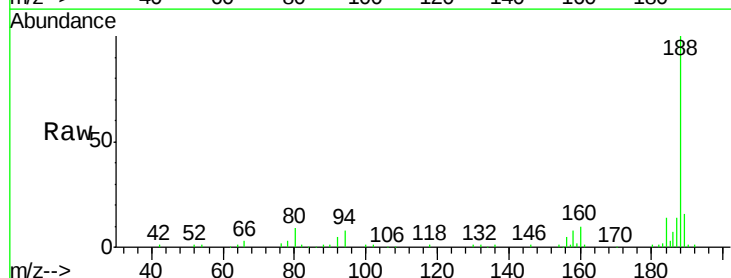


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

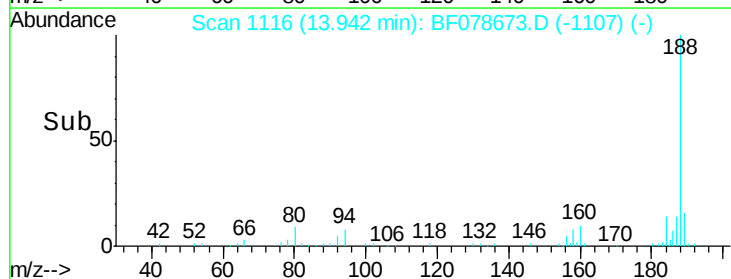
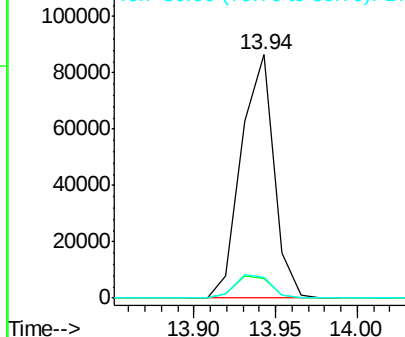


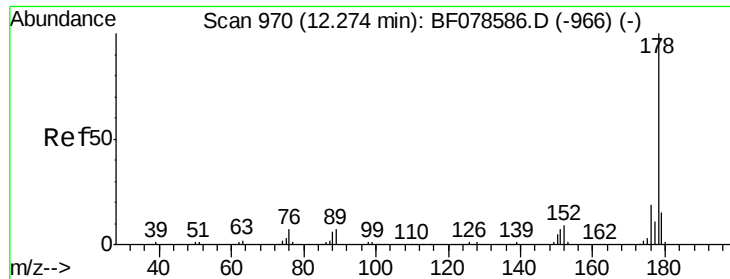
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

Tgt Ion:188 Resp: 119973
 Ion Ratio Lower Upper
 188 100
 94 7.9 9.0 13.4#
 80 8.8 9.5 14.3#



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: 21.46 ng

RT: 13.98 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

Instrument :

BNA_F

ClientSampled :

SP-C-1

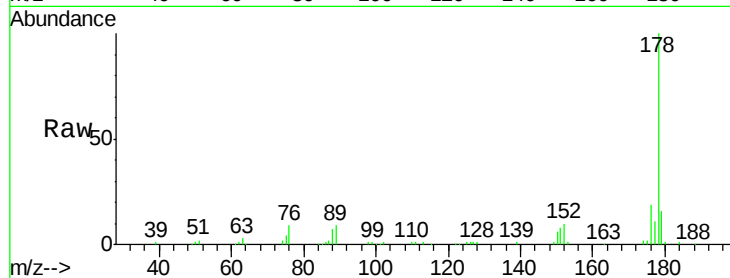
Tgt Ion:178 Resp: 148945

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

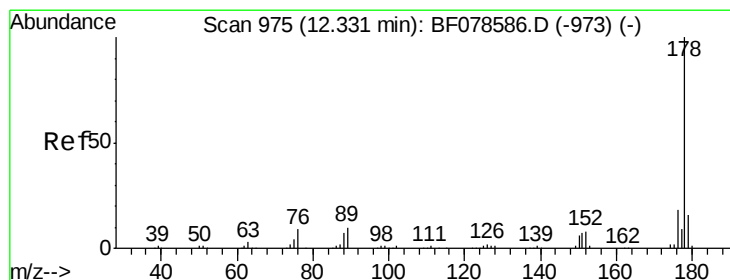
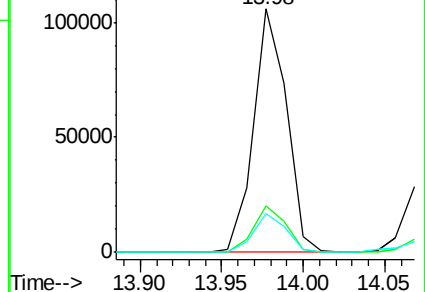
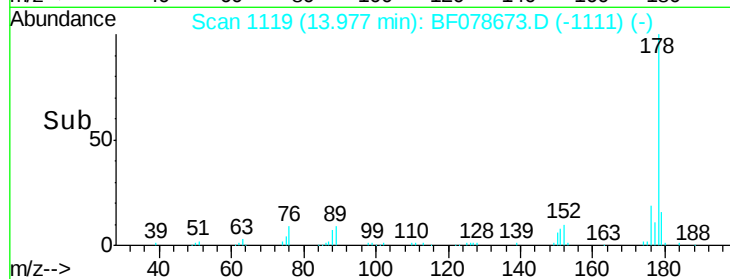
179 15.9 12.2 18.2



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



#71

Anthracene

Concen: 5.90 ng

RT: 14.07 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

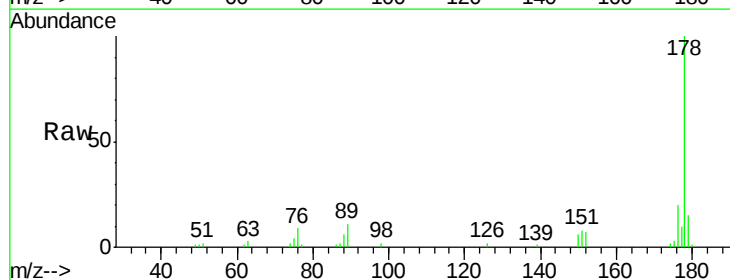
Tgt Ion:178 Resp: 40349

Ion Ratio Lower Upper

178 100

176 19.9 14.8 22.2

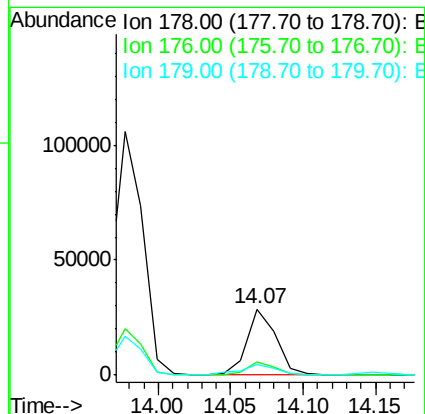
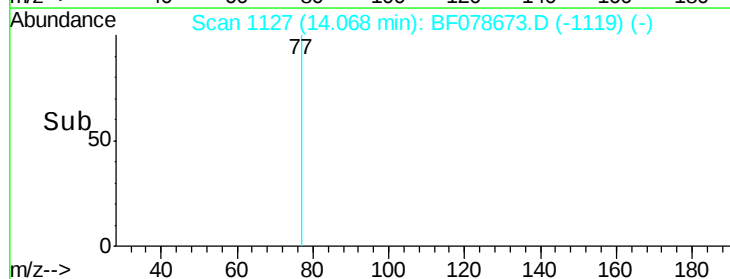
179 15.5 12.4 18.6

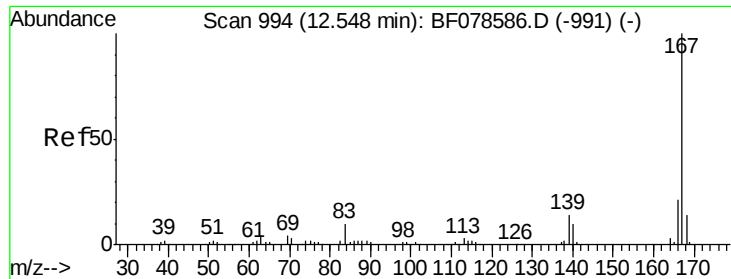


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

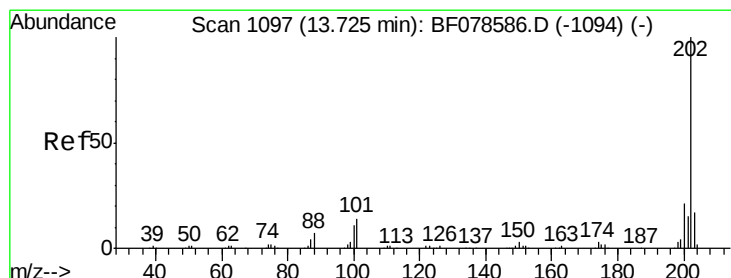
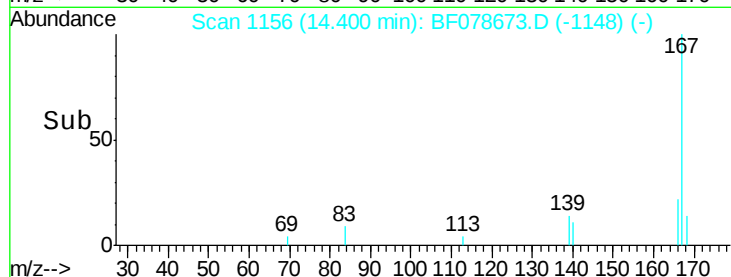
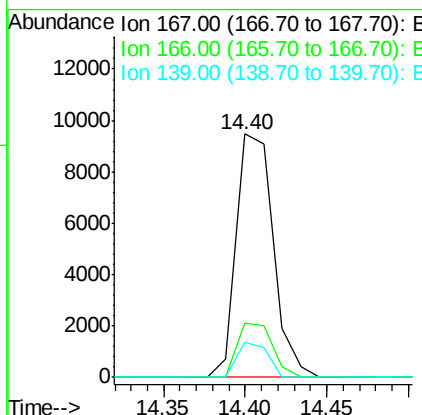
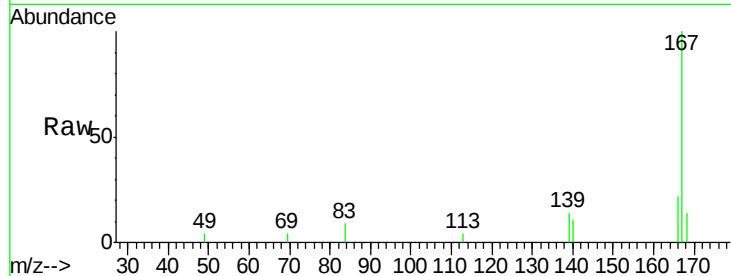




#72
 Carbazole
 Concen: 2.31 ng
 RT: 14.40 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

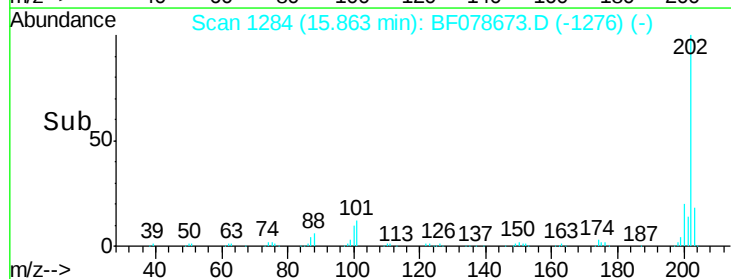
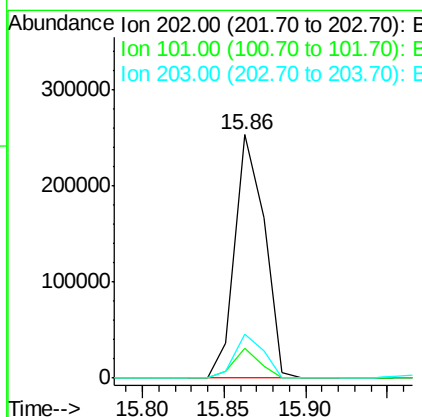
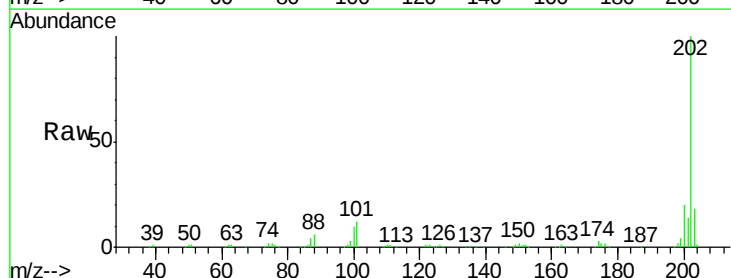
Instrument :
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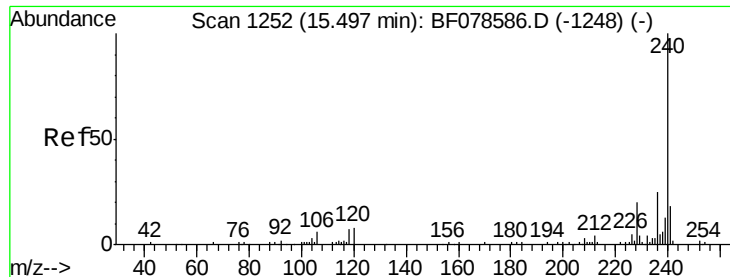
Tgt Ion:167 Resp: 14831
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.8 25.2
 139 14.3 10.0 15.0



#74
 Fluoranthene
 Concen: 43.62 ng
 RT: 15.86 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF078673.D
 Acq: 21 Apr 2015 7:58

Tgt Ion:202 Resp: 319219
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 35.2
 203 17.9 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.81 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

Instrument :

BNA_F

ClientSampleId :

SP-C-1

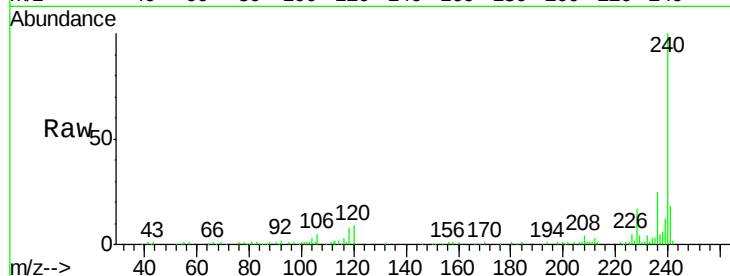
Tgt Ion:240 Resp: 124418

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

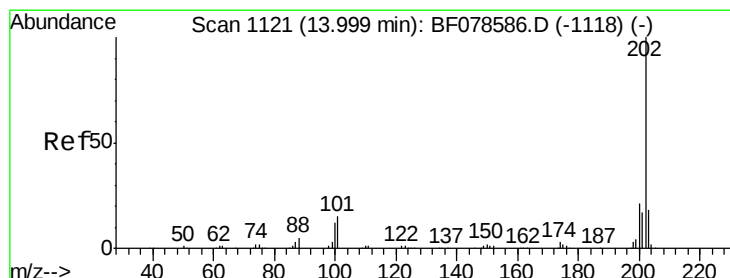
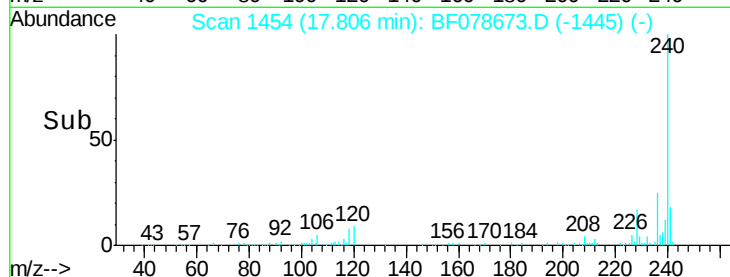
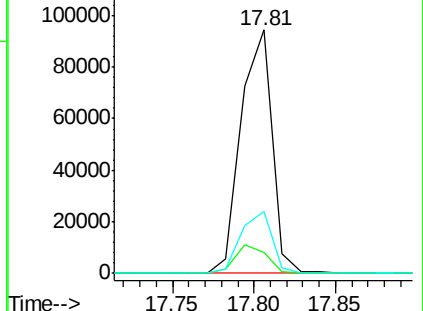
236 25.2 21.4 32.2



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: 37.20 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF078673.D

Acq: 21 Apr 2015 7:58

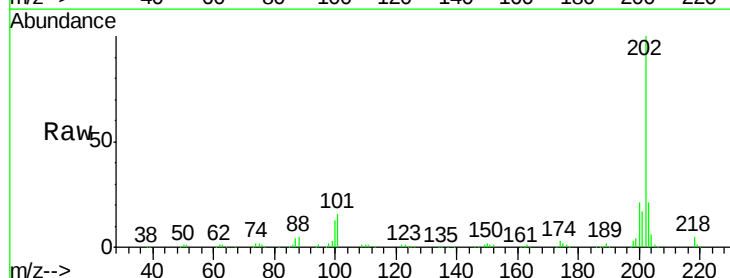
Tgt Ion:202 Resp: 290587

Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

203 20.7 13.8 20.6#



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

