

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079210.D
 Acq On : 13 May 2015 23:07
 Operator : TP/IZ
 Sample : G2215-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

Quant Time: May 14 01:21:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

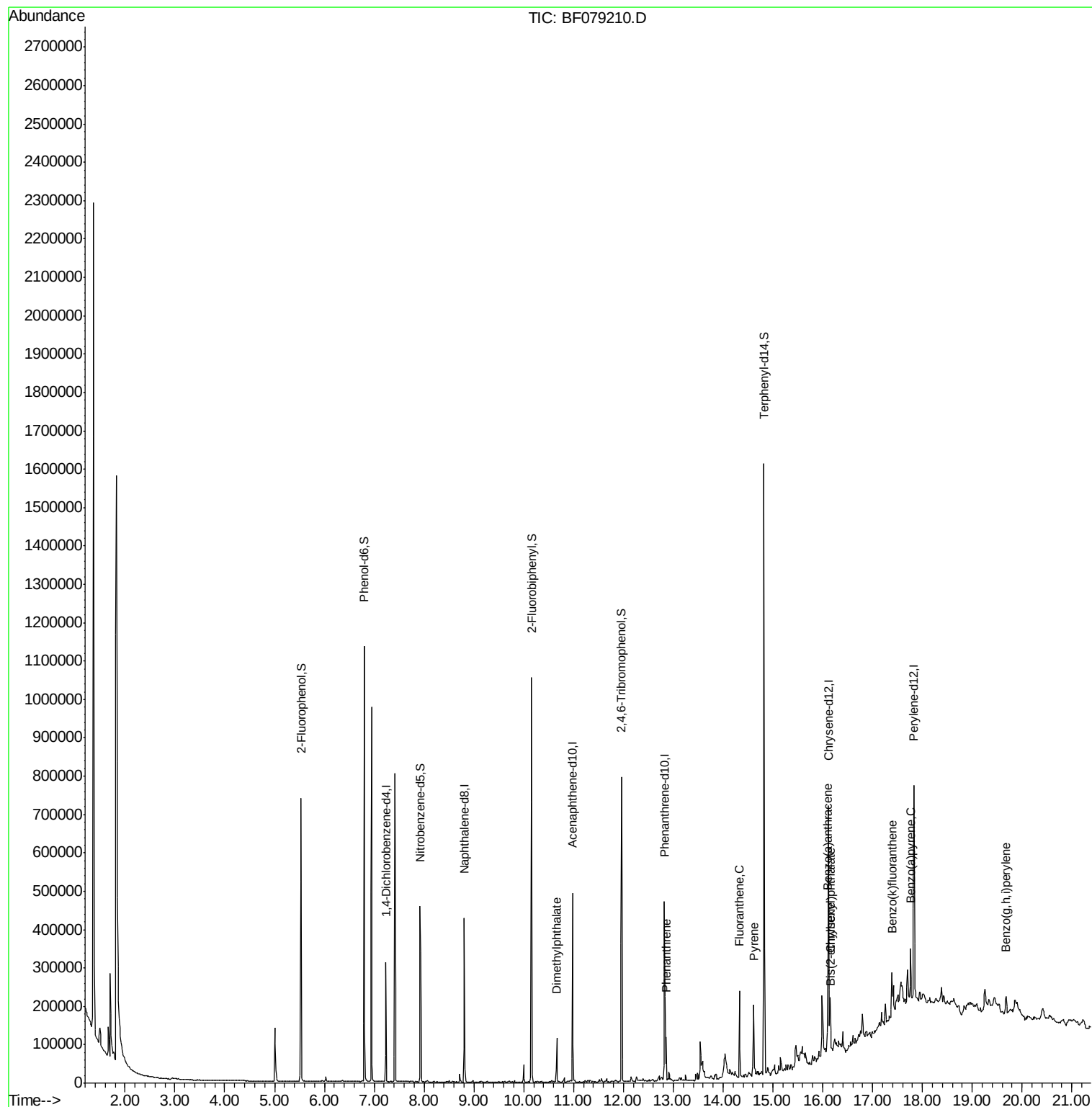
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	46801	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	190552	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	99629	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	199398	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	233191	20.00	ng	-0.05
86) Perylene-d12	17.83	264	253744	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	274999	101.15	ng	0.00
7) Phenol-d6	6.80	99	369819	102.90	ng	0.00
23) Nitrobenzene-d5	7.92	82	196046	59.13	ng	-0.01
41) 2,4,6-Tribromophenol	11.97	330	111896	103.82	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	423715	59.25	ng	0.00
78) Terphenyl-d14	14.82	244	546055	56.06	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.66	163	48428	6.62	ng	100
70) Phenanthrene	12.86	178	47071	4.22	ng	98
74) Fluoranthene	14.33	202	97181	8.36	ng	99
77) Pyrene	14.62	202	95469	7.10	ng	97
80) Benzo(a)anthracene	16.10	228	64419	5.04	ng	96
82) Chrysene	16.15	228	51224	4.17	ng	95
83) Bis(2-ethylhexyl)phthalate	16.16	149	18719	2.10	ng	99
88) Benzo(k)fluoranthene	17.39	252	102067	7.59	ng	99
89) Benzo(a)pyrene	17.76	252	55010	4.30	ng	# 93
91) Benzo(g,h,i)perylene	19.68	276	39186	2.88	ng	96

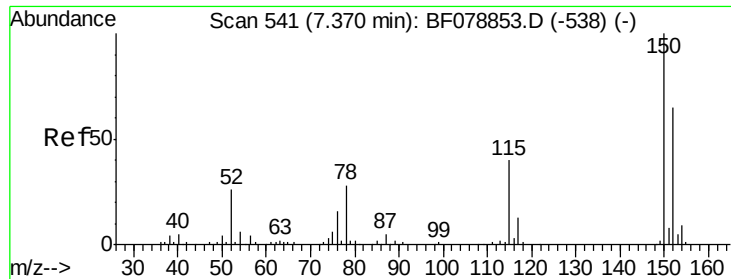
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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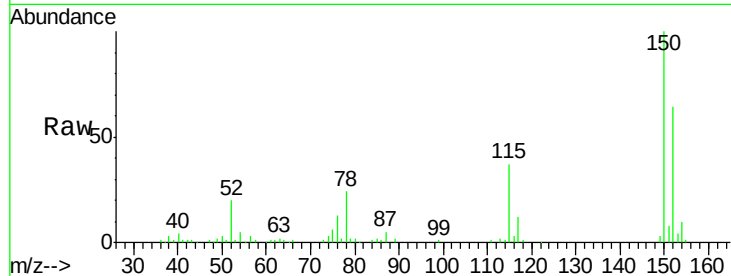




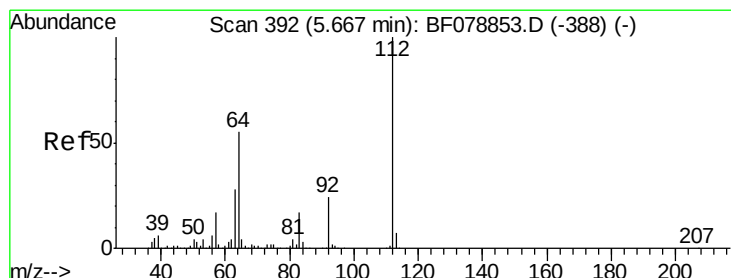
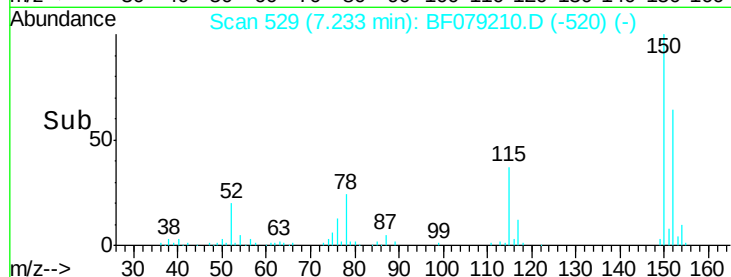
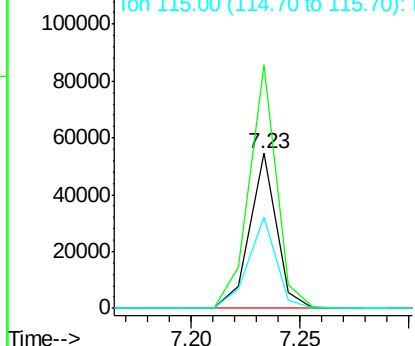
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

Tgt Ion:152 Resp: 46801
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.0 183.0
 115 58.8 46.3 69.5

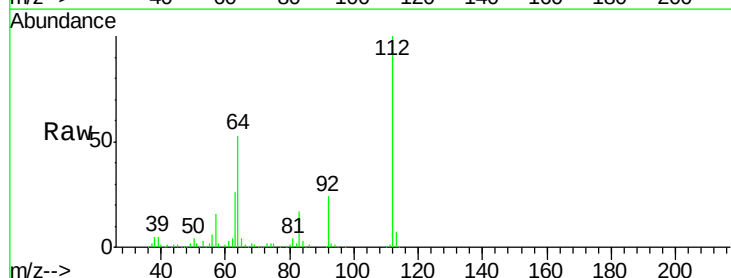


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

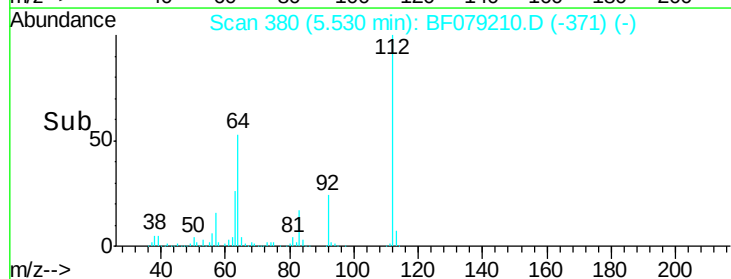
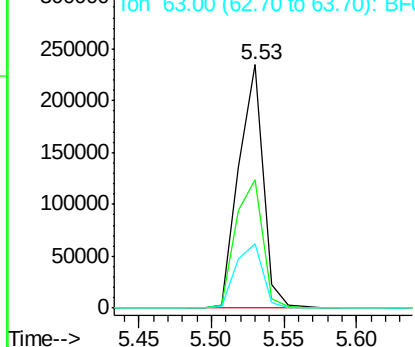


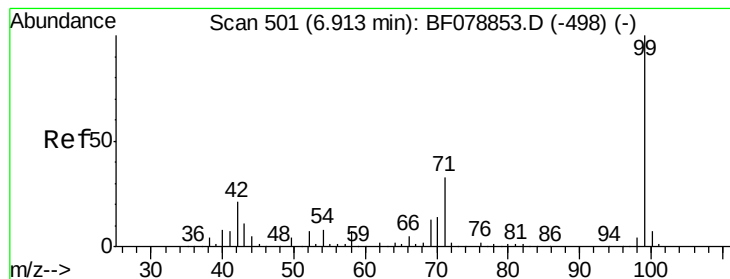
#5
 2-Fluorophenol
 Concen: 101.15 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Tgt Ion:112 Resp: 274999
 Ion Ratio Lower Upper
 112 100
 64 52.6 53.5 80.3#
 63 26.2 27.5 41.3#



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: 102.90 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

ClientSampleId :

SB-41S

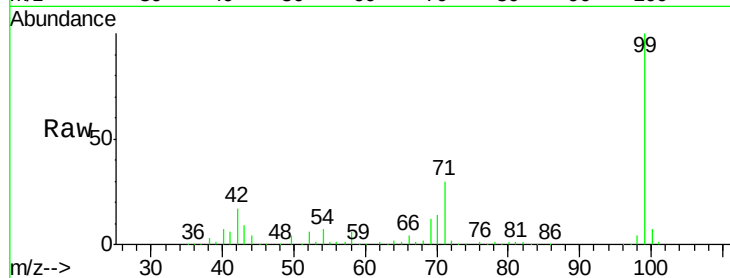
Tgt Ion: 99 Resp: 369819

Ion Ratio Lower Upper

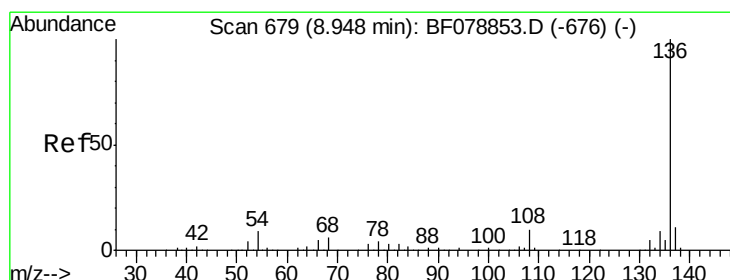
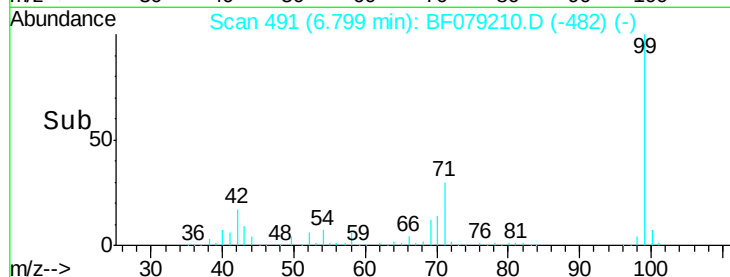
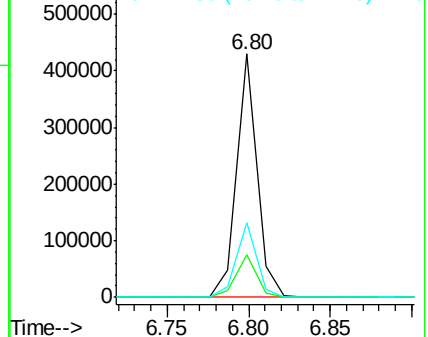
99 100

42 17.5 12.8 19.2

71 30.5 23.4 35.2



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. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Tgt Ion: 136 Resp: 190552

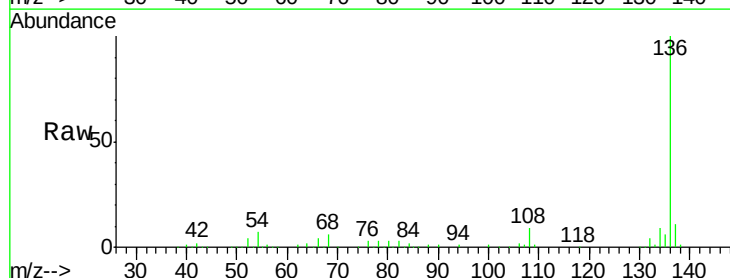
Ion Ratio Lower Upper

136 100

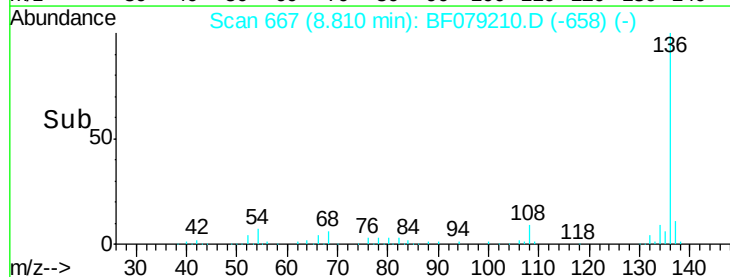
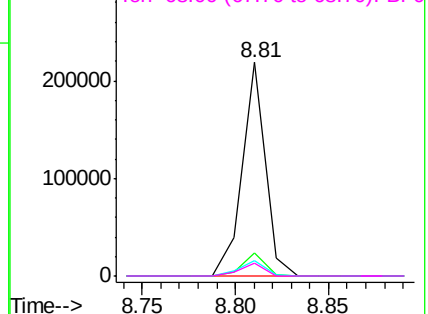
137 10.7 8.7 13.1

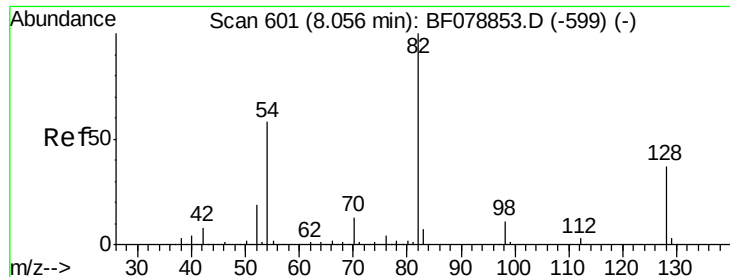
54 7.4 5.8 8.8

68 6.2 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

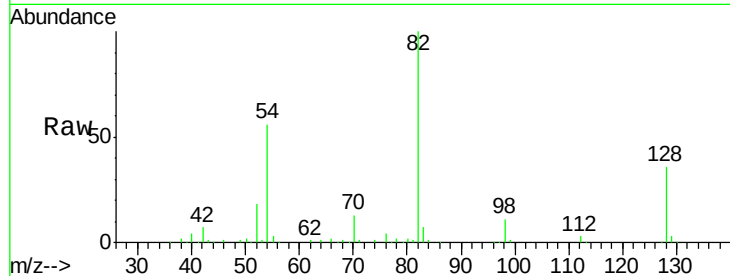




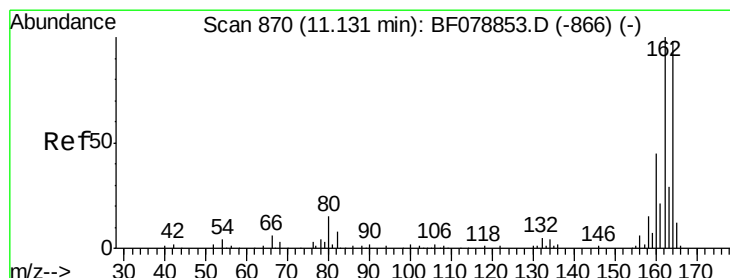
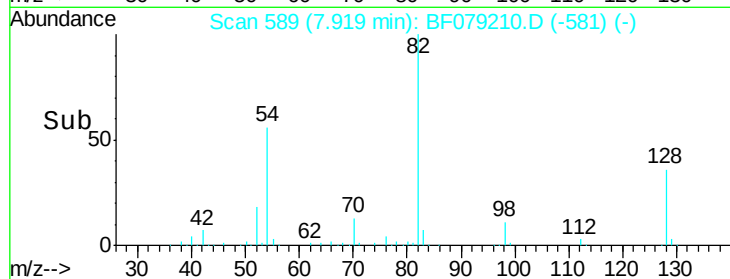
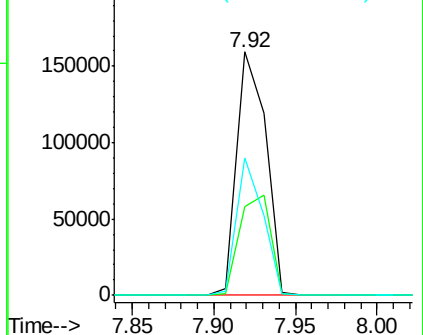
#23
 Nitrobenzene-d5
 Concen: 59.13 ng
 RT: 7.92 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

Tgt Ion: 82 Resp: 196046
 Ion Ratio Lower Upper
 82 100
 128 36.4 30.0 45.0
 54 56.4 46.4 69.6

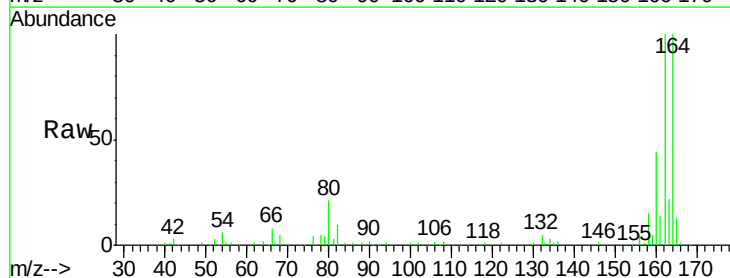


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

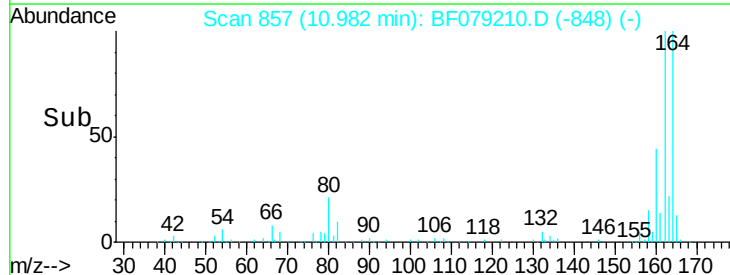
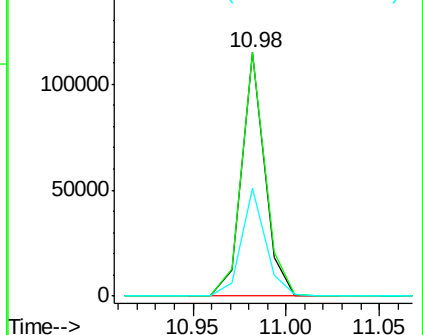


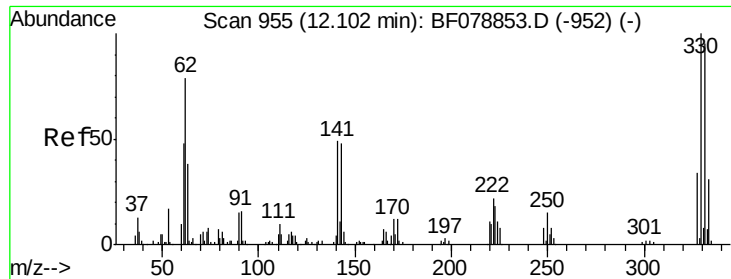
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Tgt Ion: 164 Resp: 99629
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.7 124.1
 160 44.2 35.8 53.8



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

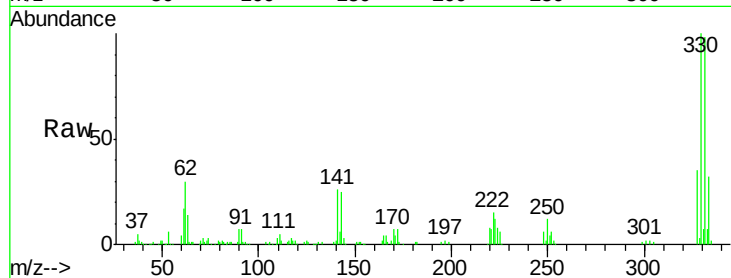




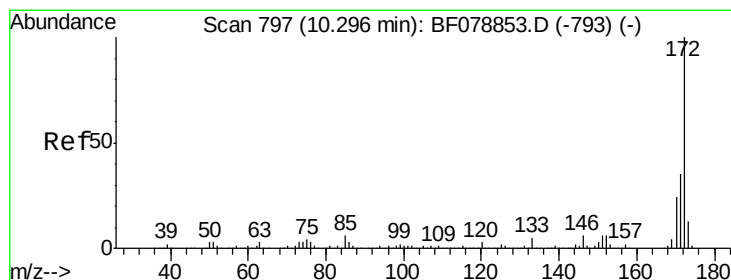
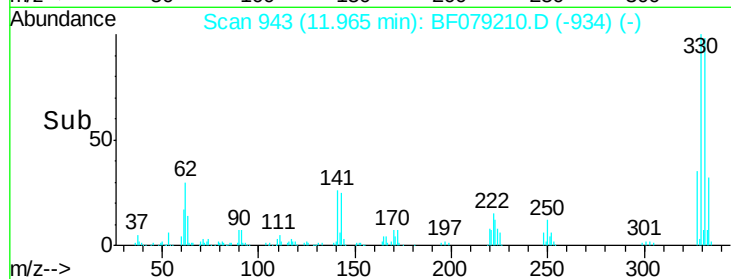
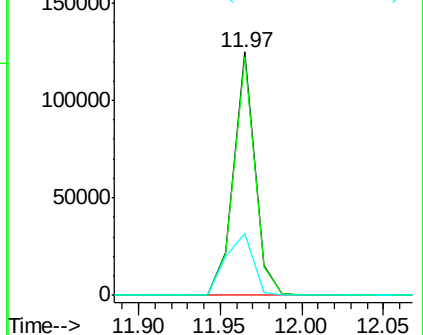
#41
 2,4,6-Tribromophenol
 Concen: 103.82 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	33.1	0.0	0.0#

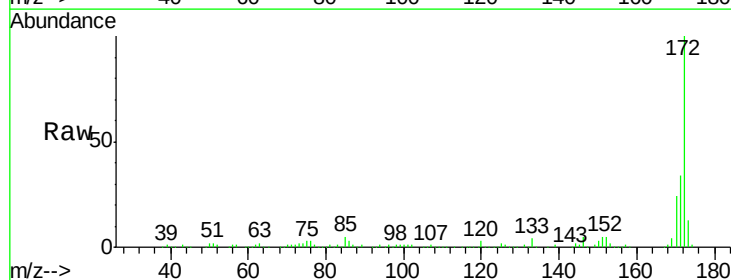


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

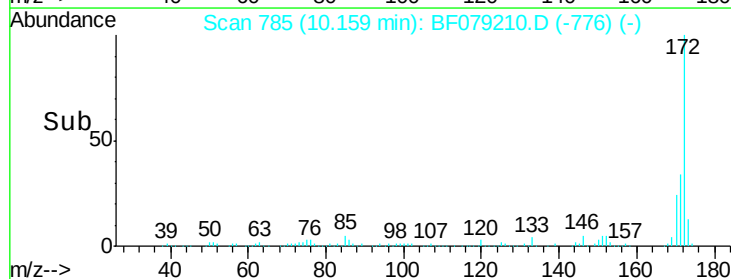
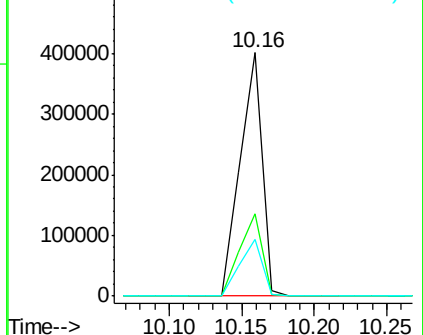


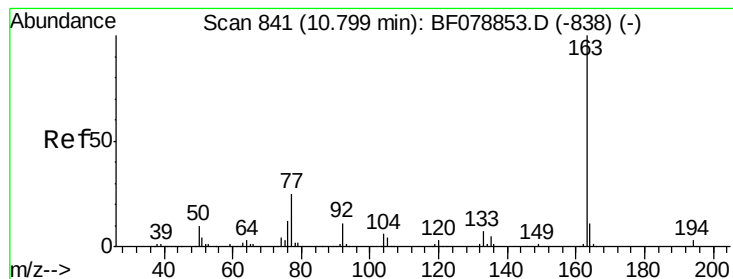
#44
 2-Fluorobiphenyl
 Concen: 59.25 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	23.5	19.4	29.0



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





#49

Dimethylphthalate

Concen: 6.62 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

ClientSampleId :

SB-41S

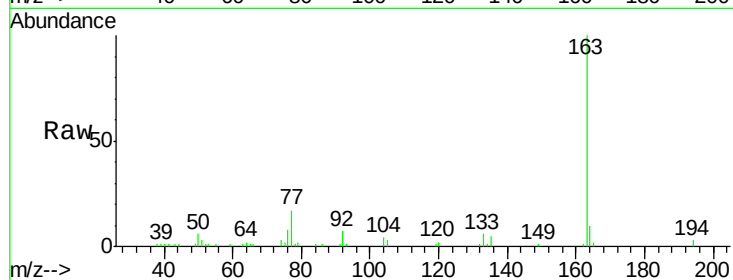
Tgt Ion:163 Resp: 48428

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

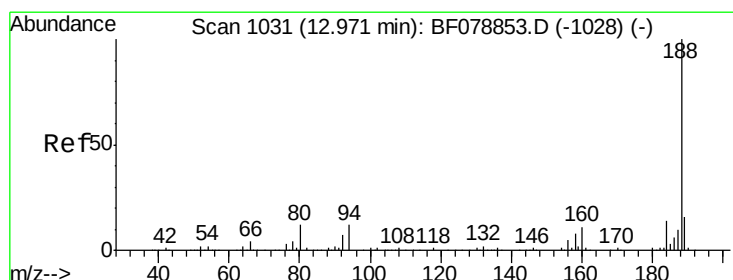
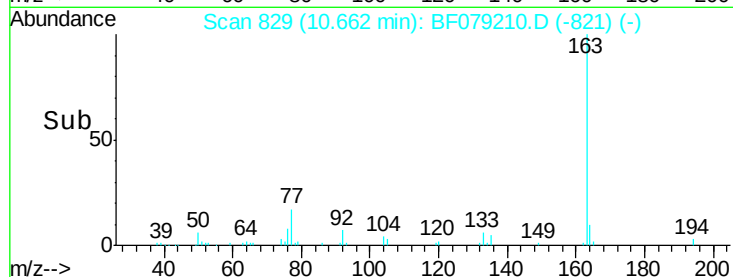
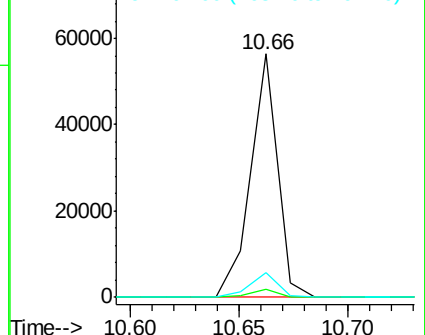
164 10.0 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.82 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

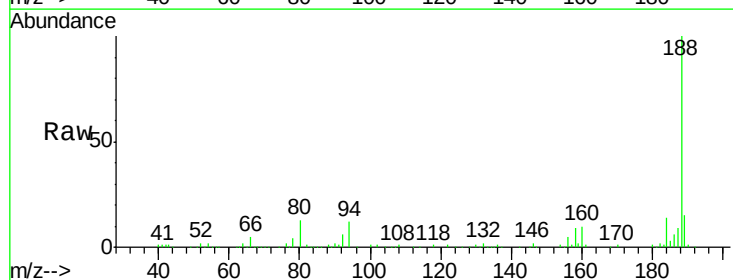
Tgt Ion:188 Resp: 199398

Ion Ratio Lower Upper

188 100

94 12.3 8.2 12.2#

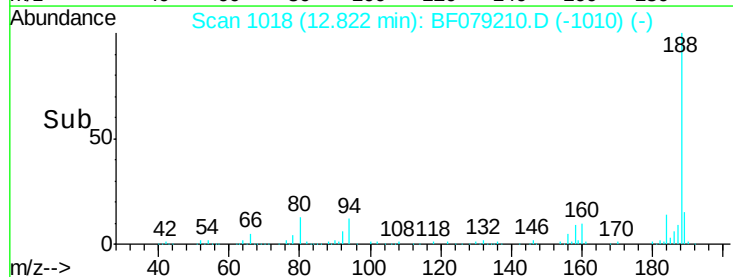
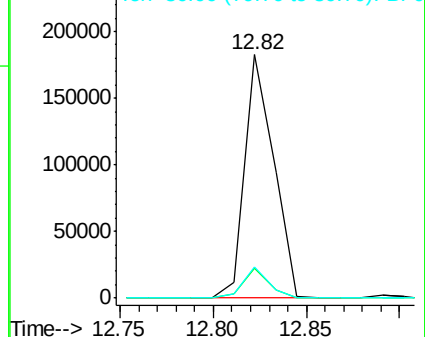
80 12.8 8.9 13.3

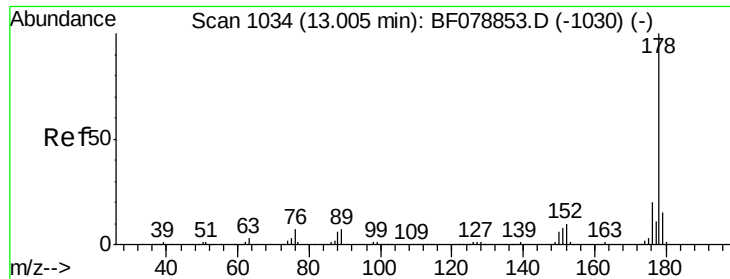


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

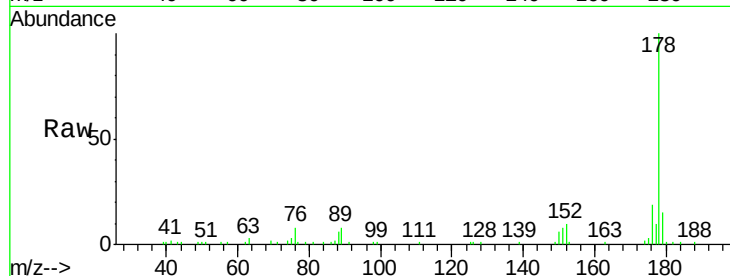




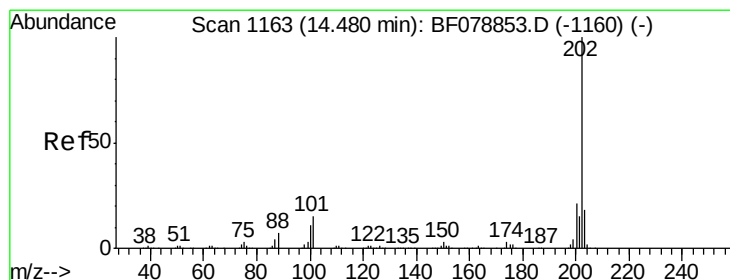
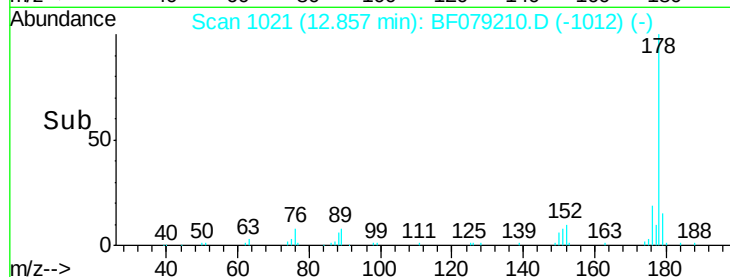
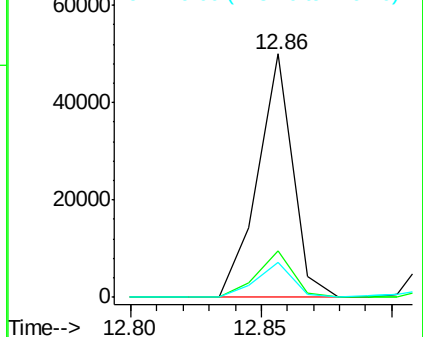
#70
Phenanthrene
Concen: 4.22 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:178 Resp: 47071
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 14.6 12.5 18.7

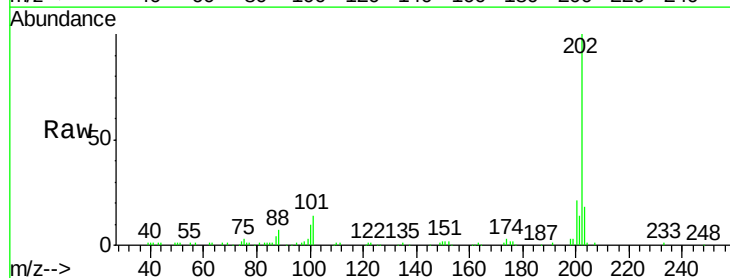


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

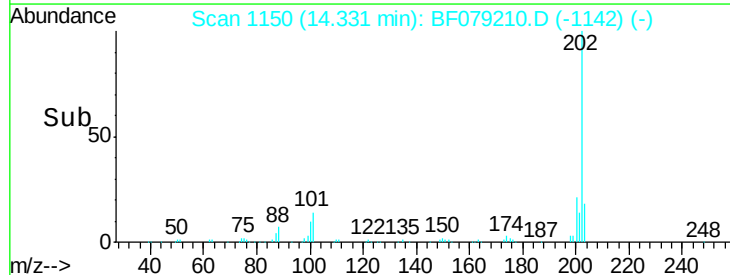
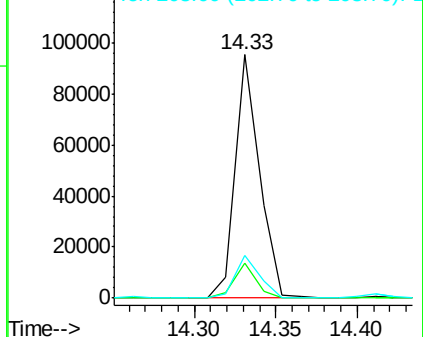


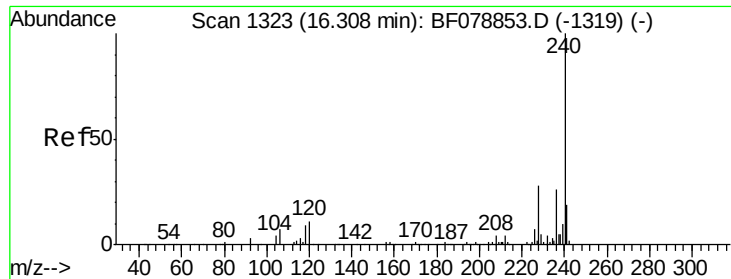
#74
Fluoranthene
Concen: 8.36 ng
RT: 14.33 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:202 Resp: 97181
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.6
203 17.7 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: 16.11 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

ClientSampleId :

SB-41S

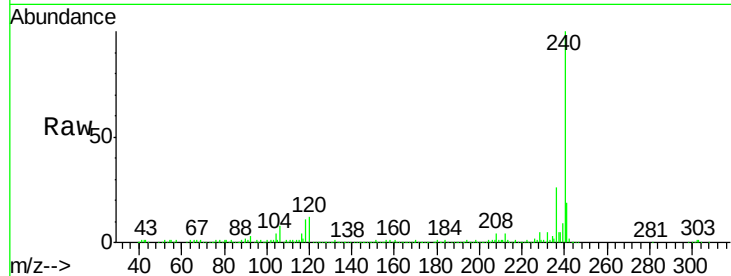
Tgt Ion:240 Resp: 233191

Ion Ratio Lower Upper

240 100

120 12.1 9.7 14.5

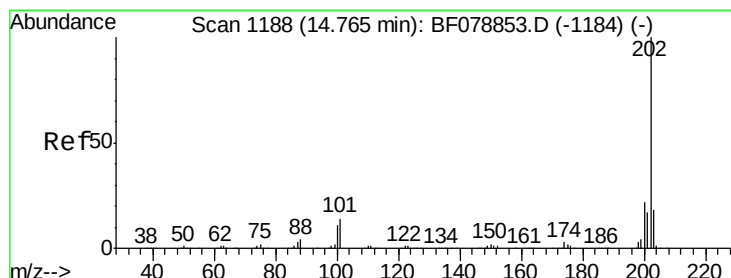
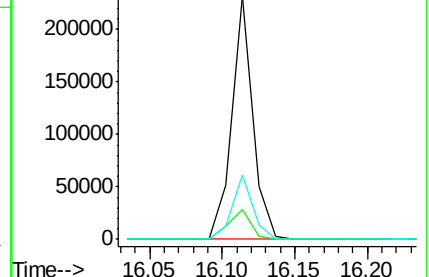
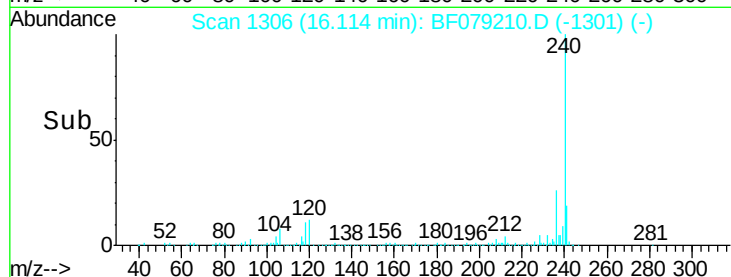
236 26.3 20.2 30.4



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: 7.10 ng

RT: 14.62 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

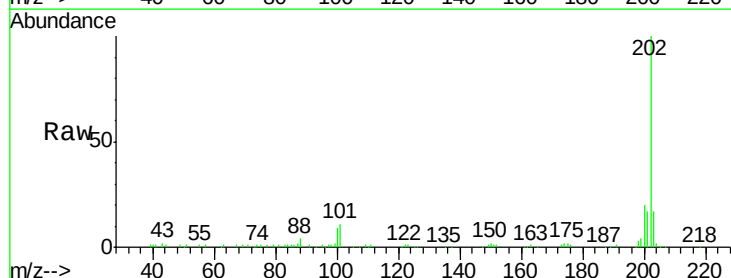
Tgt Ion:202 Resp: 95469

Ion Ratio Lower Upper

202 100

200 20.0 17.5 26.3

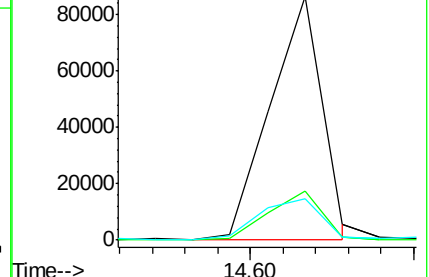
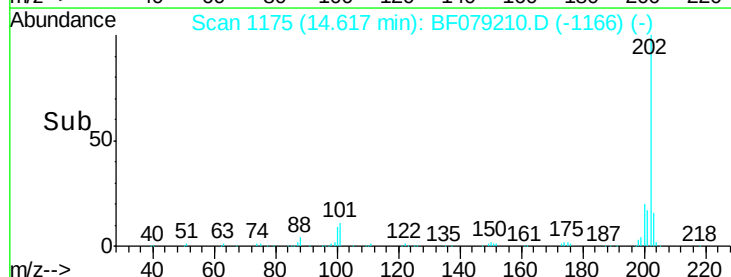
203 16.9 13.9 20.9

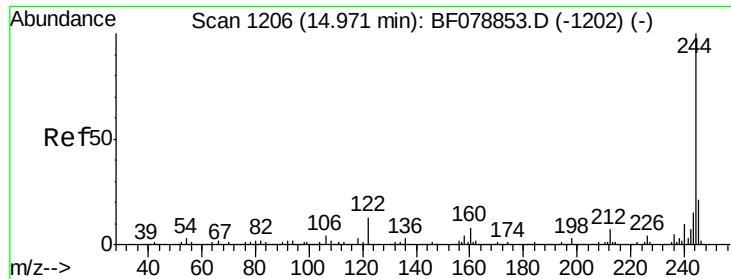


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

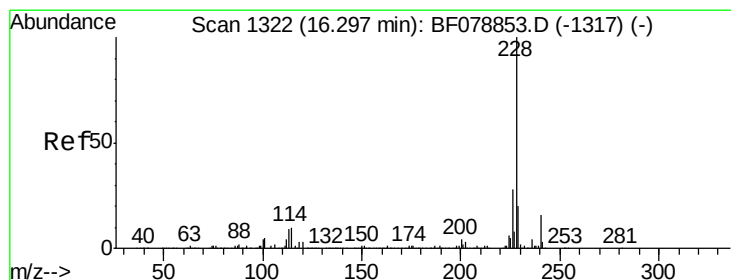
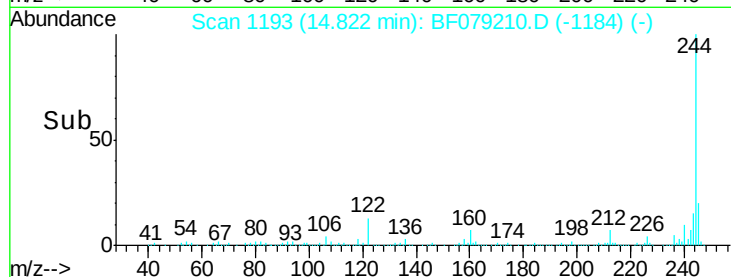
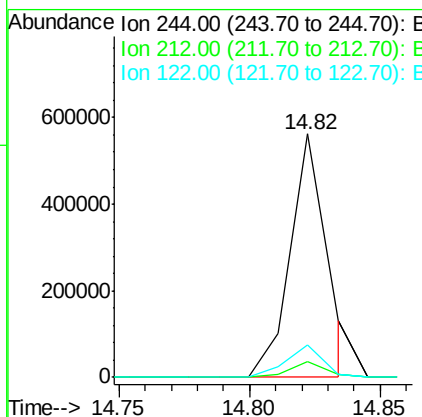
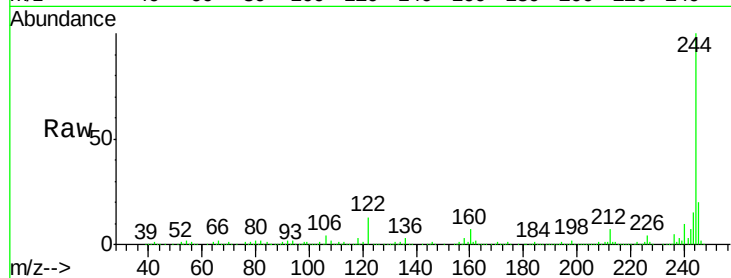




#78
 Terphenyl-d14
 Concen: 56.06 ng
 RT: 14.82 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

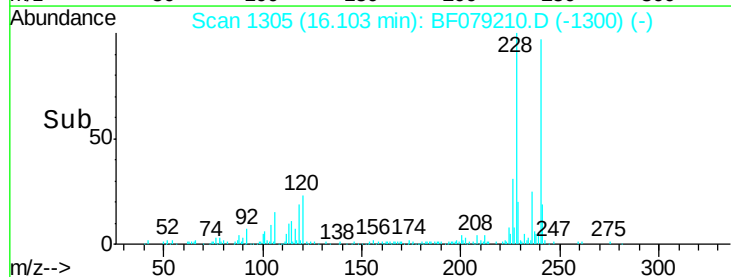
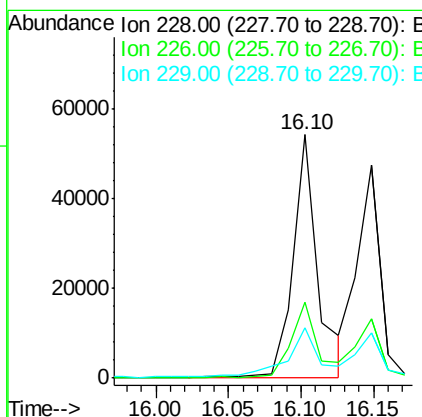
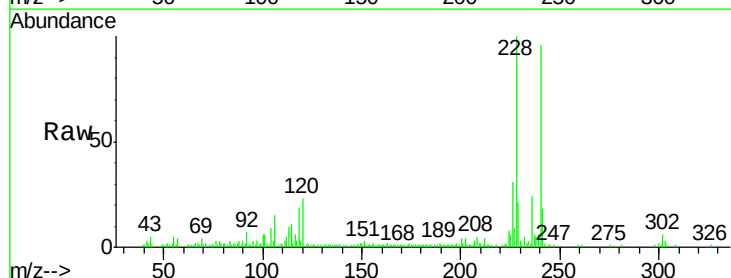
Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

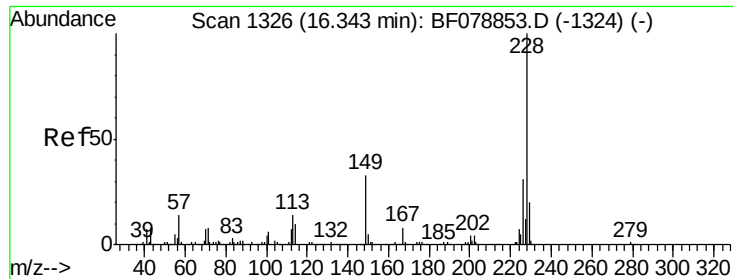
Tgt Ion:244 Resp: 546055
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 13.4 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 5.04 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. -0.05 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Tgt Ion:228 Resp: 64419
 Ion Ratio Lower Upper
 228 100
 226 31.2 22.6 33.8
 229 20.8 15.9 23.9





#82

Chrysene

Concen: 4.17 ng

RT: 16.15 min Scan# 1309

Delta R.T. -0.05 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

ClientSampleId :

SB-41S

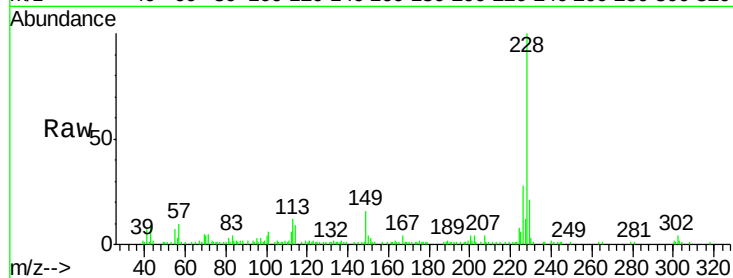
Tgt Ion:228 Resp: 51224

Ion Ratio Lower Upper

228 100

226 27.7 24.9 37.3

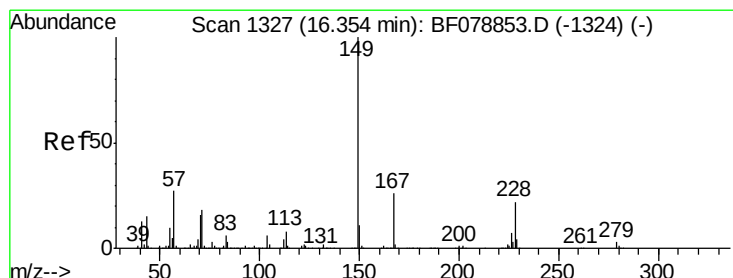
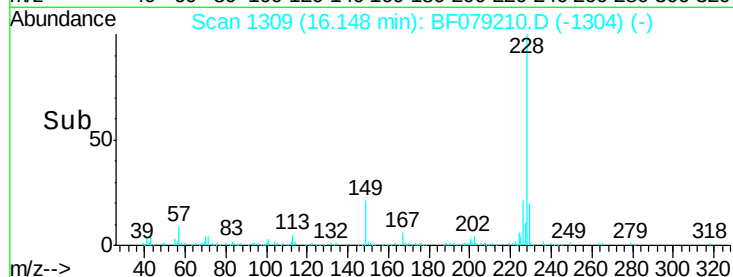
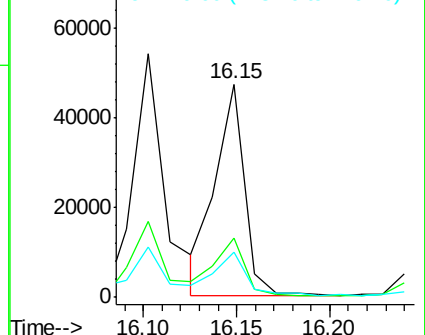
229 21.4 16.0 24.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.10 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

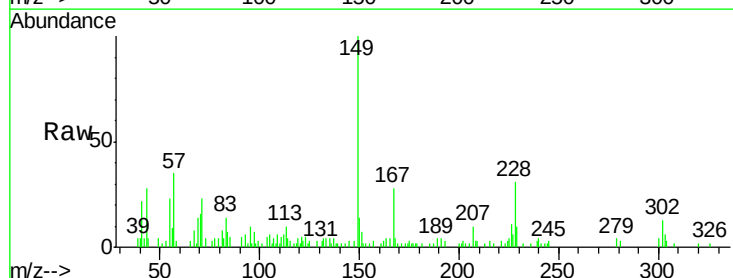
Tgt Ion:149 Resp: 18719

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

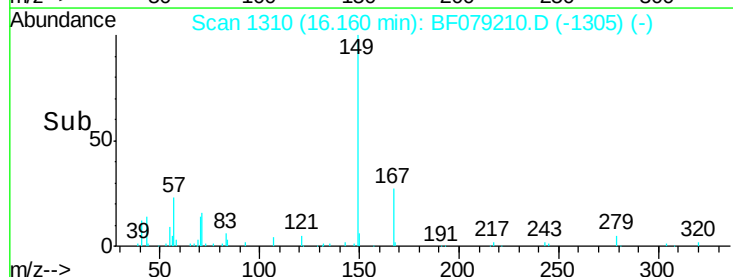
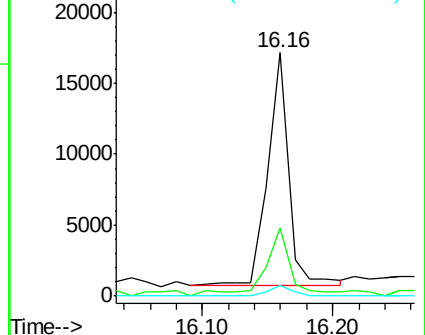
279 4.3 2.9 4.3

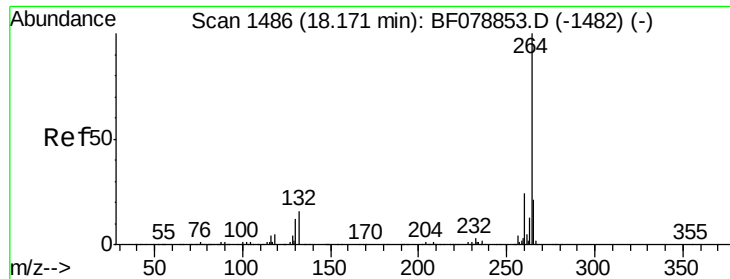


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

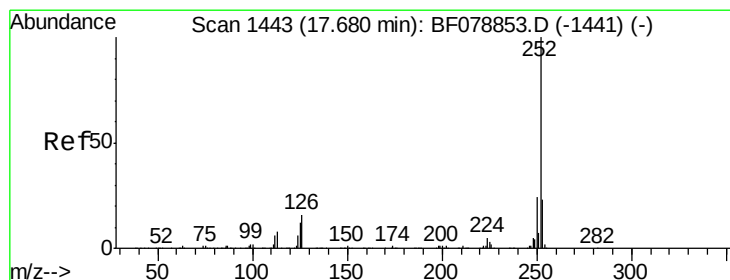
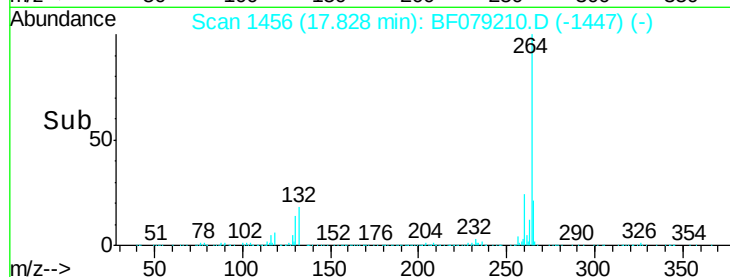
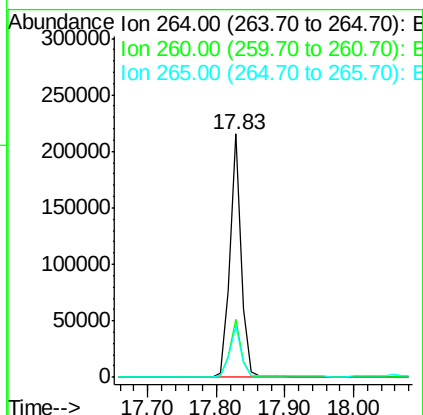
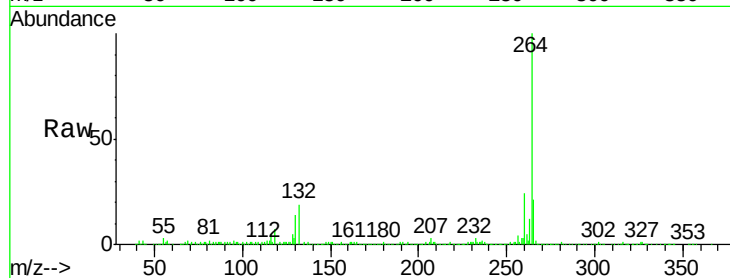




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1456
Delta R.T. -0.19 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

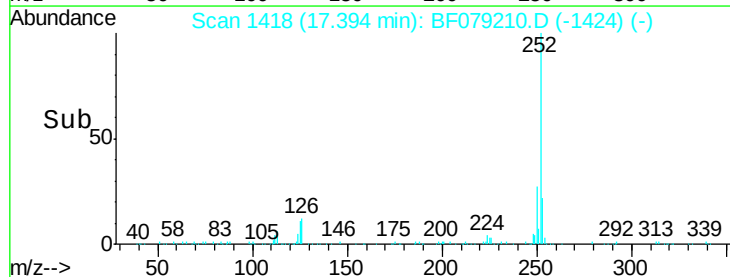
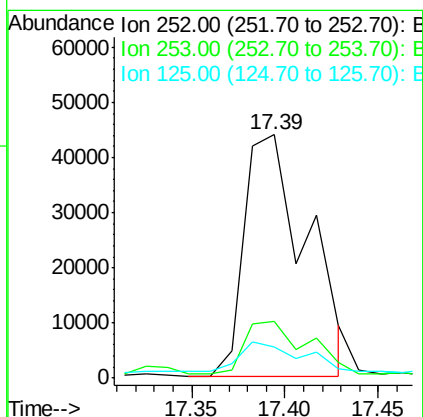
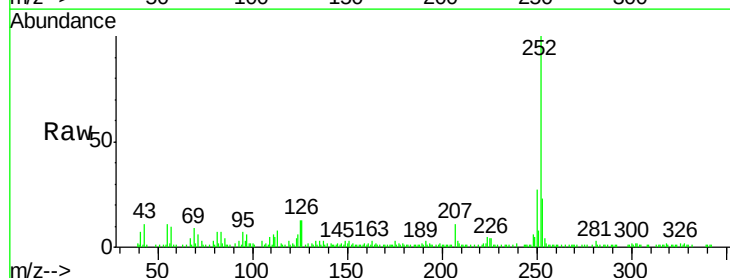
Instrument :
BNA_F
ClientSampled :
SB-41S

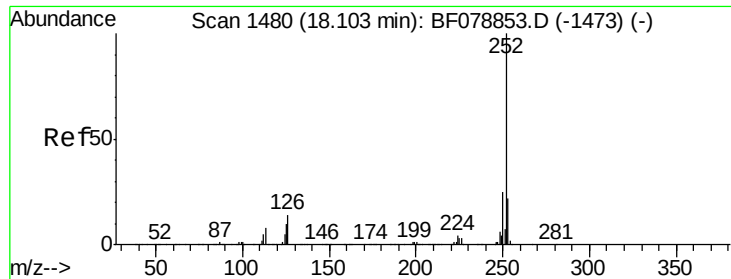
Tgt Ion:264 Resp: 253744
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.2 18.3 27.5



#88
Benzo(k)fluoranthene
Concen: 7.59 ng
RT: 17.39 min Scan# 1418
Delta R.T. -0.17 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:252 Resp: 102067
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 12.7 10.0 15.0





#89

Benzo(a)pyrene

Concen: 4.30 ng

RT: 17.76 min Scan# 1450

Delta R.T. -0.19 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

ClientSampleId :

SB-41S

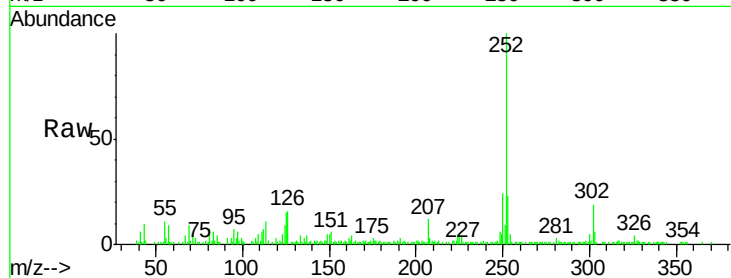
Tgt Ion:252 Resp: 55010

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

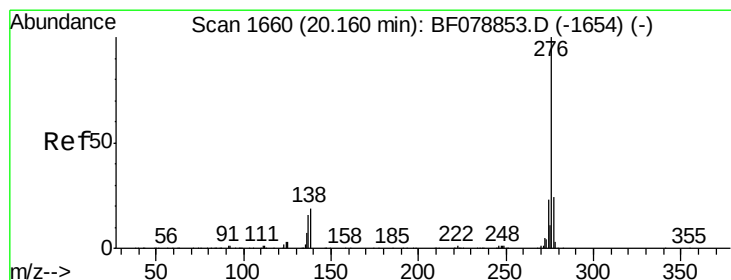
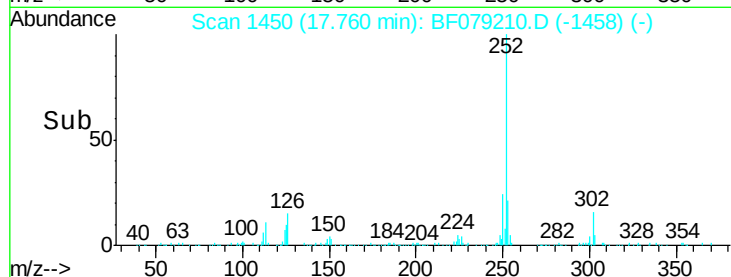
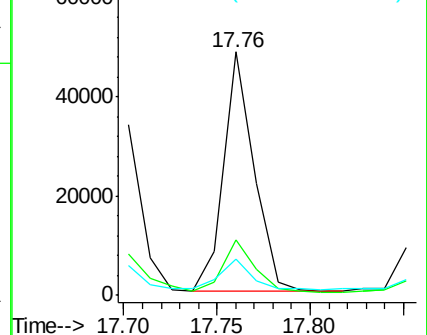
125 14.7 7.0 10.6#



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



#91

Benzo(g,h,i)perylene

Concen: 2.88 ng

RT: 19.68 min Scan# 1618

Delta R.T. -0.23 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

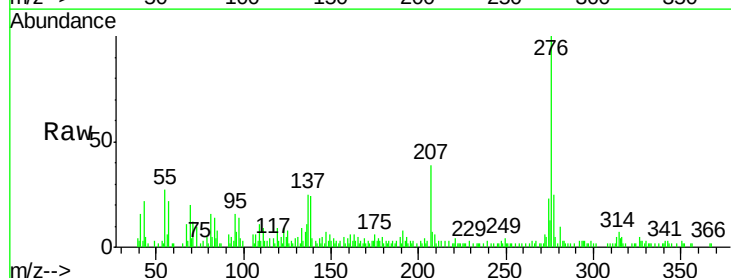
Tgt Ion:276 Resp: 39186

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 24.1 17.4 26.0



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

