

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
 Data File : BE089550.D
 Acq On : 7 Feb 2015 7:25
 Operator : TP/IZ
 Sample : G1238-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW3

Quant Time: Feb 09 00:45:30 2015
 Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 04:07:57 2015
 Response via : Initial Calibration

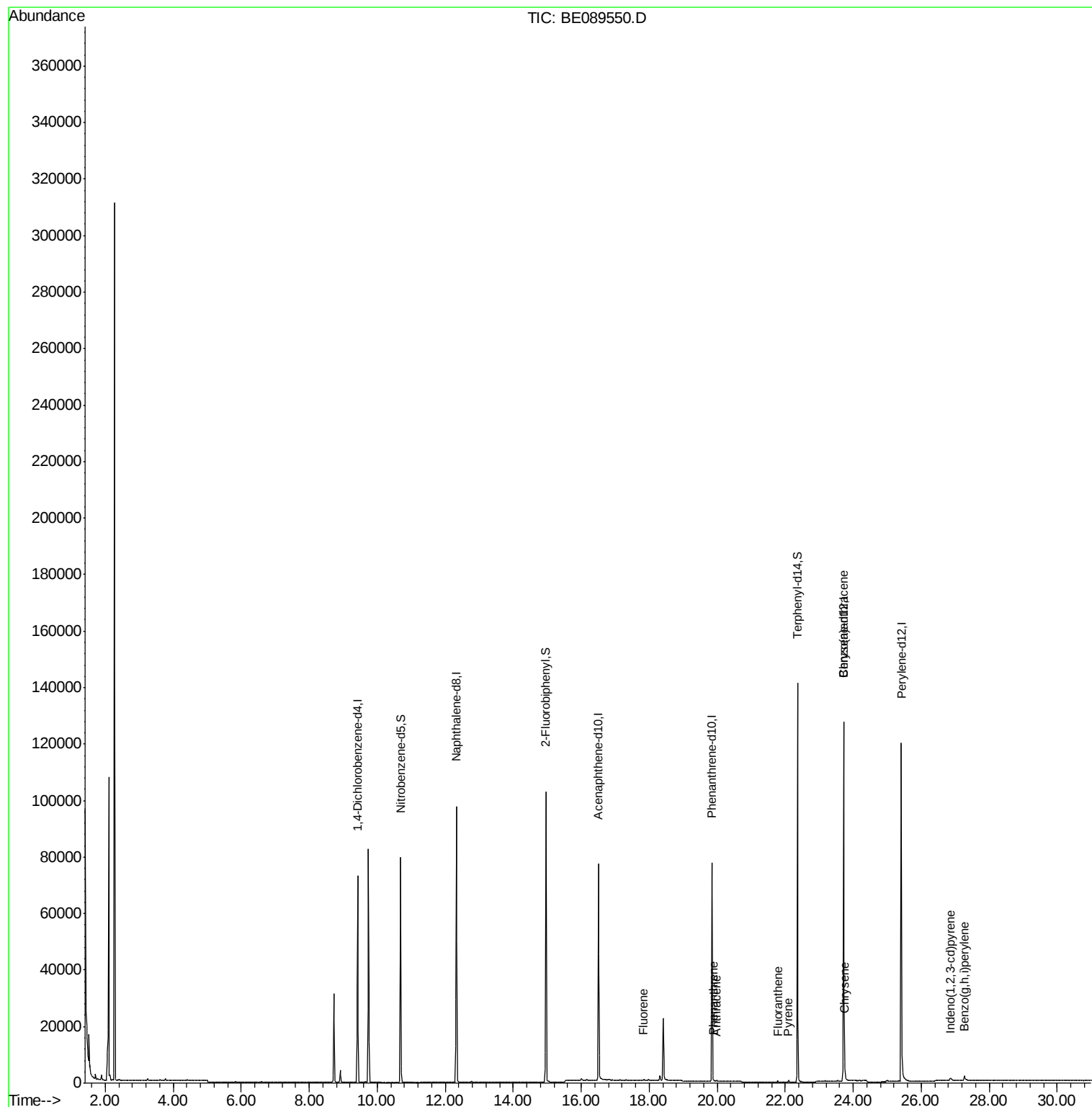
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	30946	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	115652	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	45897	5.00	ng	0.00
11) Phenanthrene-d10	19.85	188	84805	5.00	ng	0.00
16) Chrysene-d12	23.72	240	101016	5.00	ng	0.00
22) Perylene-d12	25.41	264	112481	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	57905	7.54	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	96269	7.86	ng	0.00
18) Terphenyl-d14	22.36	244	122556	9.20	ng	0.00
Target Compounds						Qvalue
10) Fluorene	17.84	166	170	0.01	ng	# 92
13) Phenanthrene	19.89	178	421	0.02	ng	# 92
14) Anthracene	19.98	178	243	0.01	ng	# 77
15) Fluoranthene	21.79	202	419	0.02	ng	# 93
17) Pyrene	22.10	202	480	0.02	ng	# 96
19) Benzo(a)anthracene	23.71	228	3200	0.04	ng	# 89
20) Chrysene	23.75	228	3084	0.03	ng	# 86
21) Indeno(1,2,3-cd)pyrene	26.85	276	2494	0.02	ng	# 77
27) Benzo(g,h,i)perylene	27.27	276	3371	0.03	ng	# 73

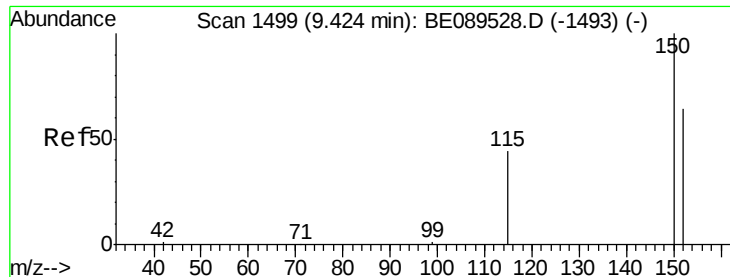
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 07 04:07:57 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.42 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

Instrument :

BNA_E

ClientSampleId :

MW3

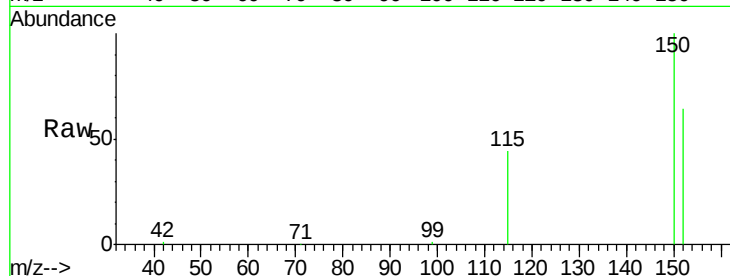
Tgt Ion:152 Resp: 30946

Ion Ratio Lower Upper

152 100

150 155.8 125.7 188.5

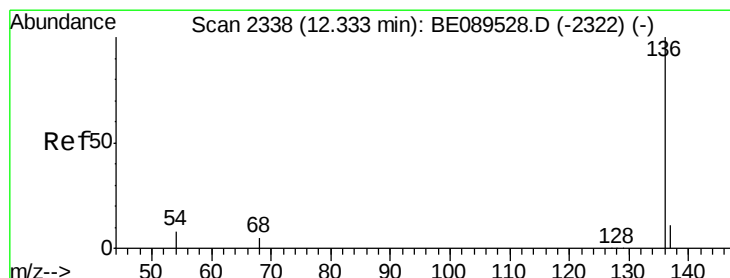
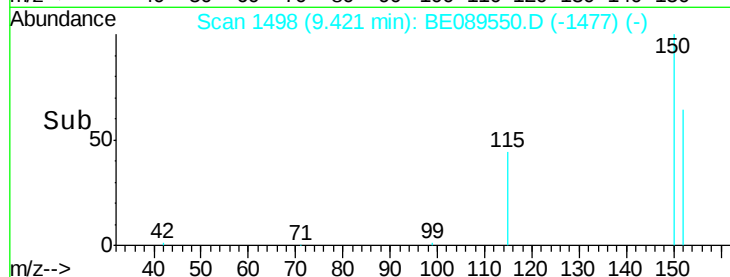
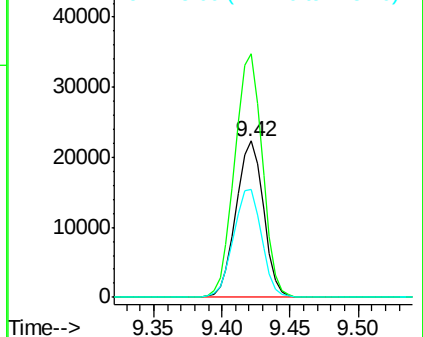
115 68.8 55.6 83.4



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



#2

Naphthalene-d8

Concen: 5.00 ng

RT: 12.33 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

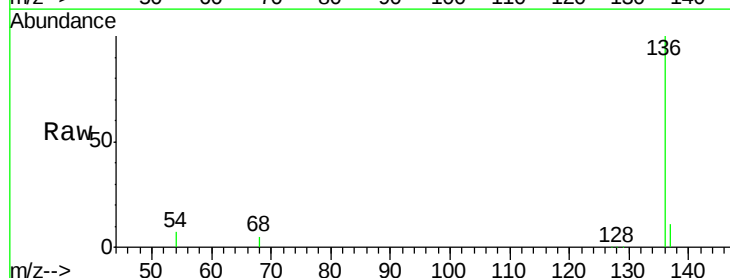
Tgt Ion:136 Resp: 115652

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

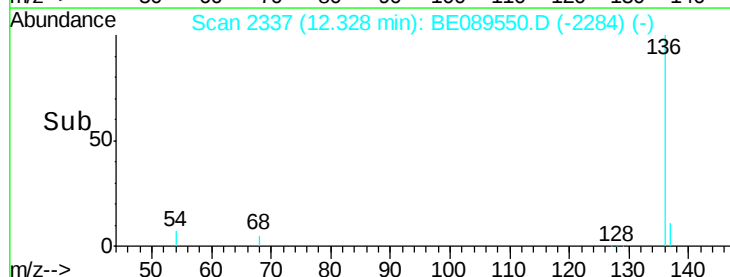
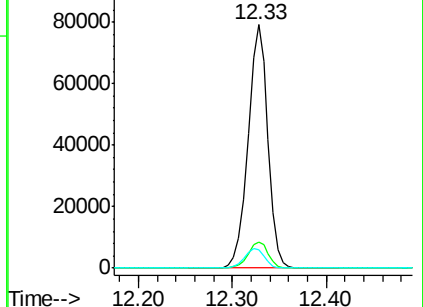
54 7.4 6.1 9.1

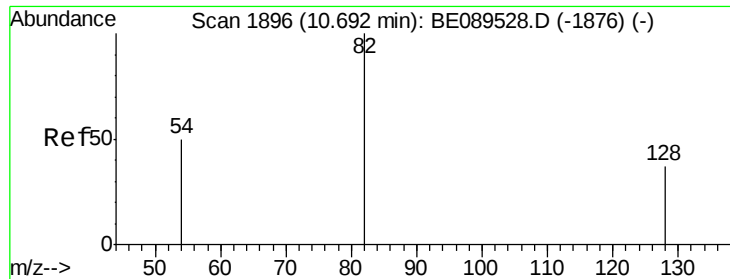


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#3

Nitrobenzene-d5

Concen: 7.54 ng

RT: 10.69 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

Instrument :

BNA_E

ClientSampleId :

MW3

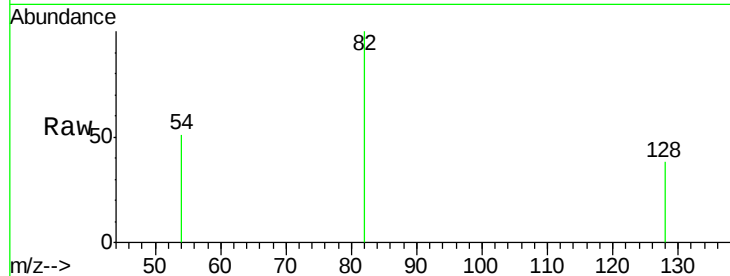
Tgt Ion: 82 Resp: 57905

Ion Ratio Lower Upper

82 100

128 38.2 30.2 45.4

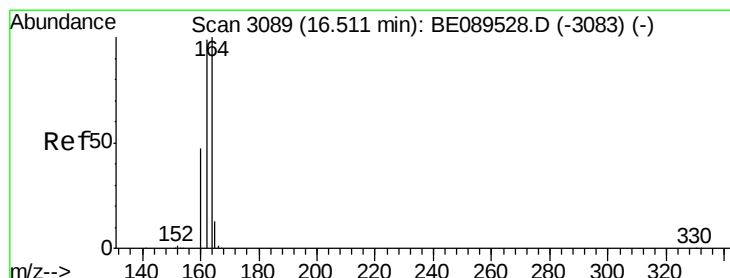
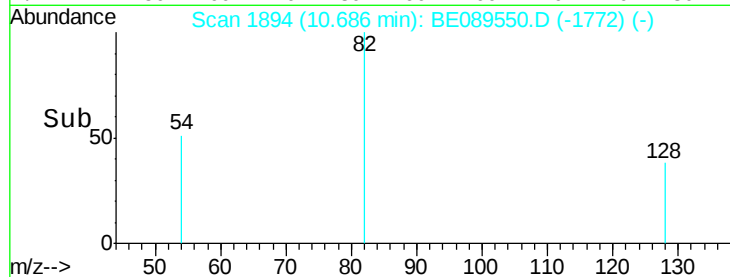
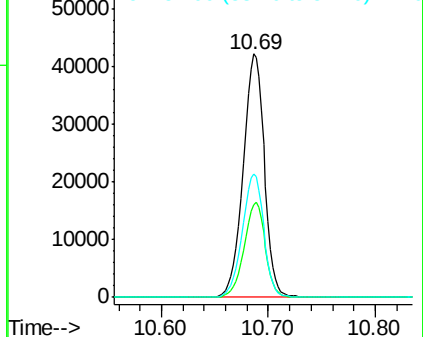
54 50.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#6

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.51 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

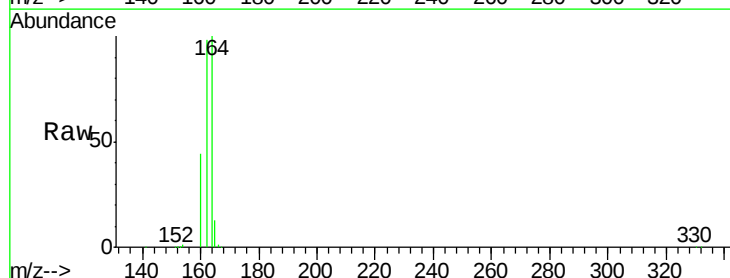
Tgt Ion: 164 Resp: 45897

Ion Ratio Lower Upper

164 100

162 98.0 79.5 119.3

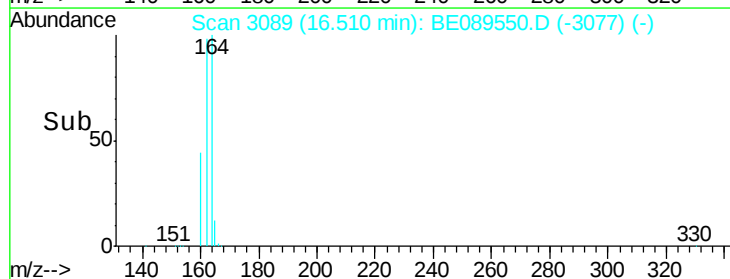
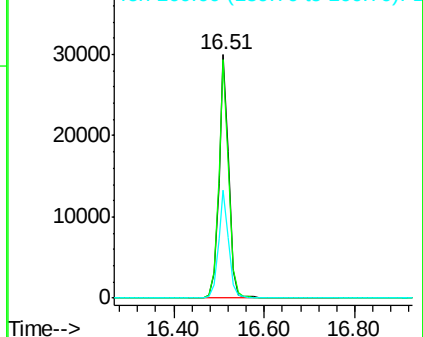
160 44.4 37.6 56.4

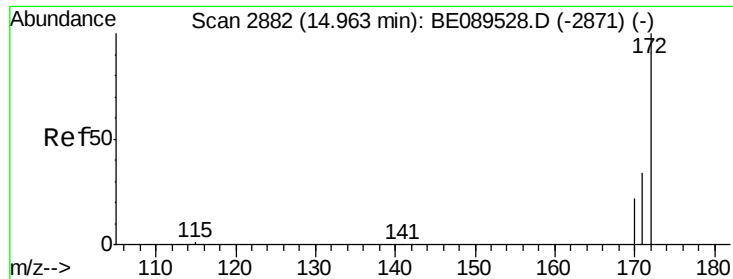


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#7

2-Fluorobiphenyl

Concen: 7.86 ng

RT: 14.96 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

Instrument :

BNA_E

ClientSampleId :

MW3

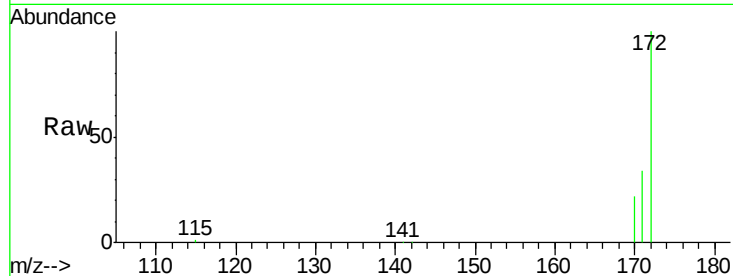
Tgt Ion:172 Resp: 96269

Ion Ratio Lower Upper

172 100

171 33.7 27.7 41.5

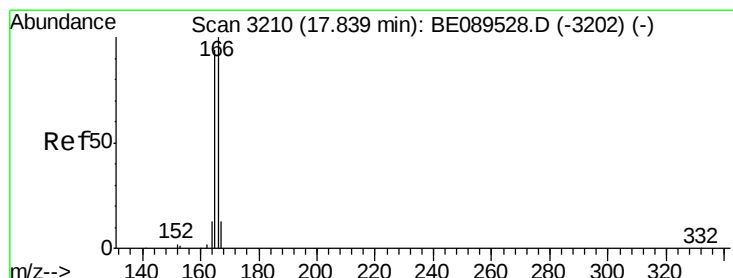
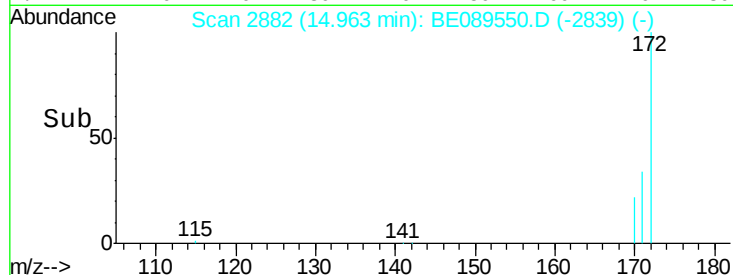
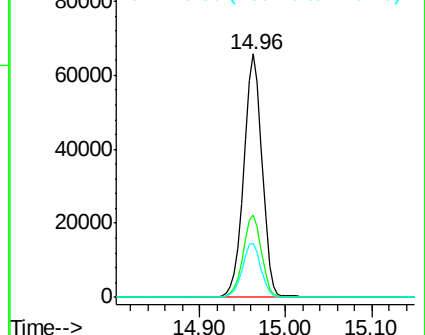
170 22.3 18.3 27.5



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



#10

Fluorene

Concen: 0.01 ng

RT: 17.84 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

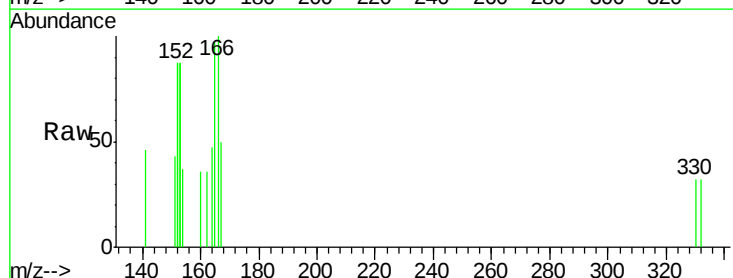
Tgt Ion:166 Resp: 170

Ion Ratio Lower Upper

166 100

165 97.1 75.5 113.3

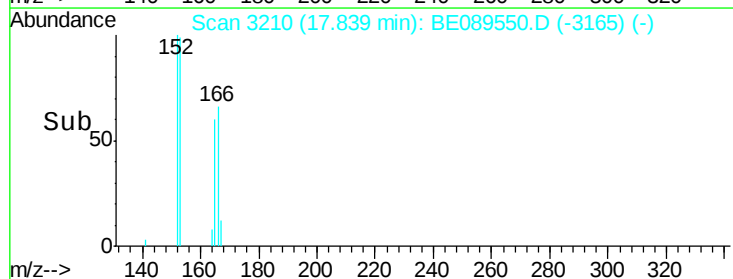
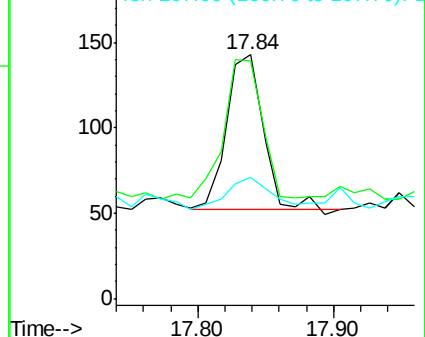
167 30.0 10.9 16.3#

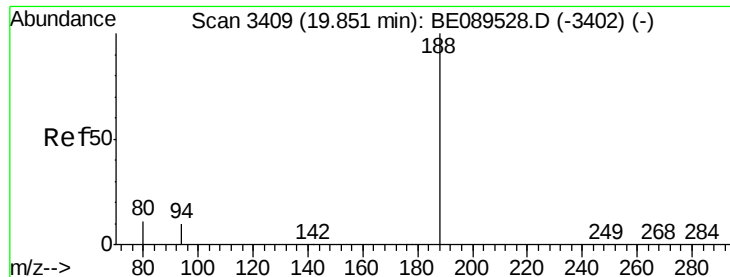


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

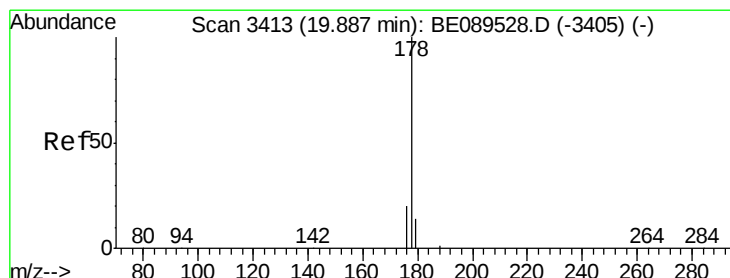
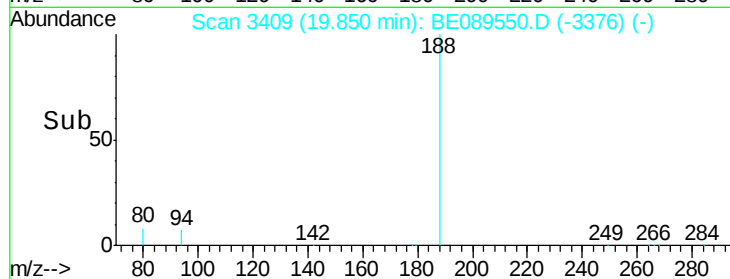
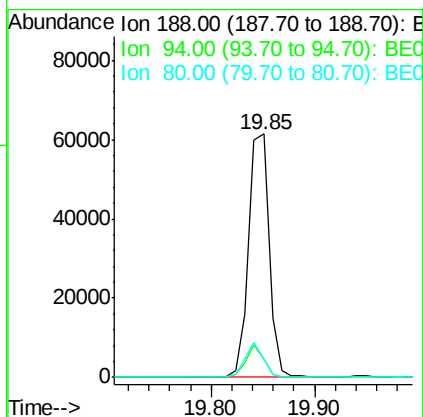
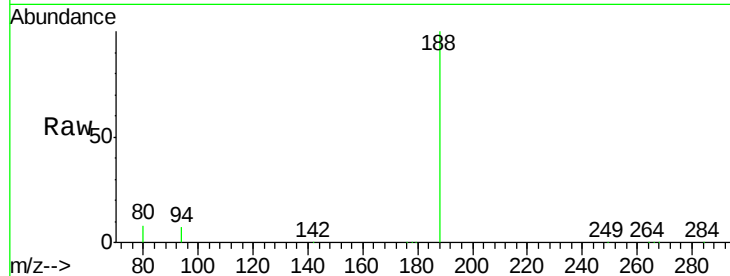




#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.85 min Scan# 3409
Delta R.T. -0.00 min
Lab File: BE089550.D
Acq: 7 Feb 2015 7:25

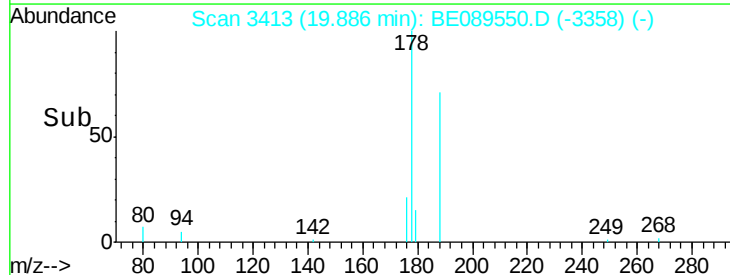
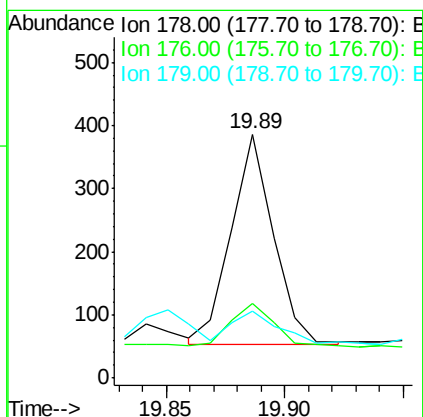
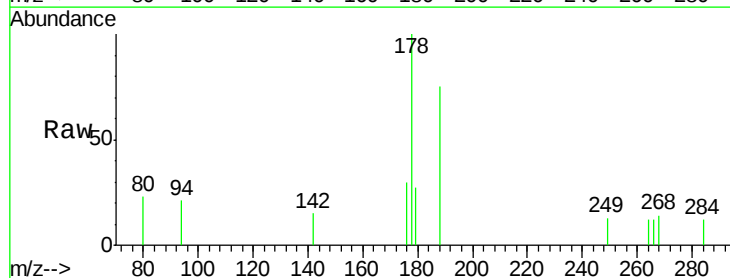
Instrument :
BNA_E
ClientSampleId :
MW3

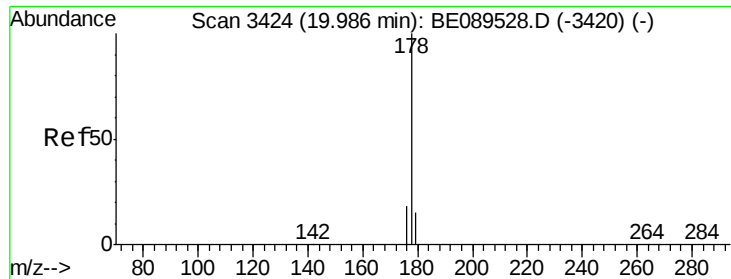
Tgt Ion:188 Resp: 84805
Ion Ratio Lower Upper
188 100
94 7.3 8.4 12.6#
80 7.6 8.6 12.8#



#13
Phenanthrene
Concen: 0.02 ng
RT: 19.89 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BE089550.D
Acq: 7 Feb 2015 7:25

Tgt Ion:178 Resp: 421
Ion Ratio Lower Upper
178 100
176 23.3 15.4 23.0#
179 18.3 12.2 18.2#

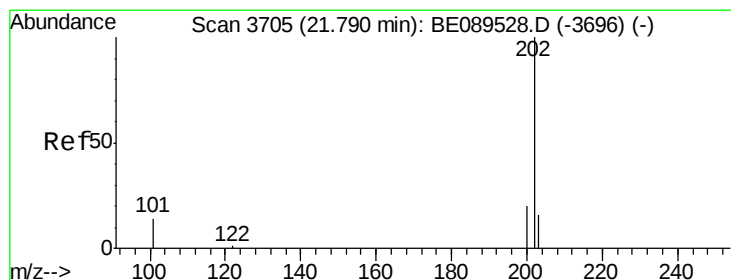
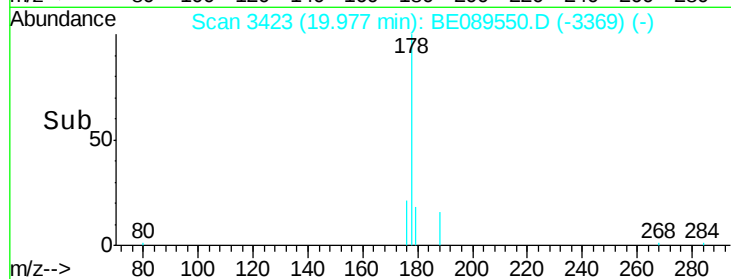
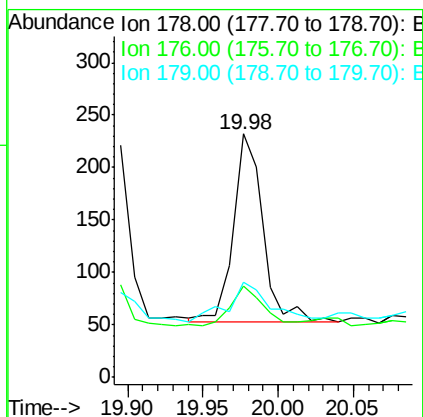
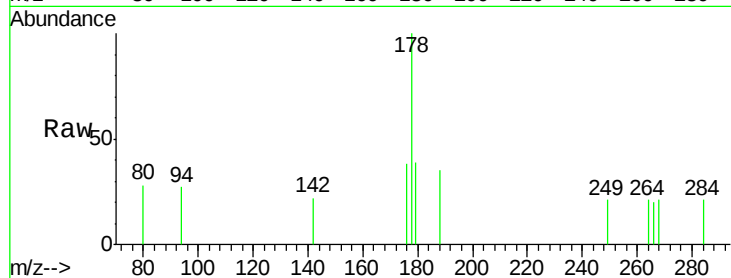




#14
 Anthracene
 Concen: 0.01 ng
 RT: 19.98 min Scan# 3423
 Delta R.T. -0.01 min
 Lab File: BE089550.D
 Acq: 7 Feb 2015 7:25

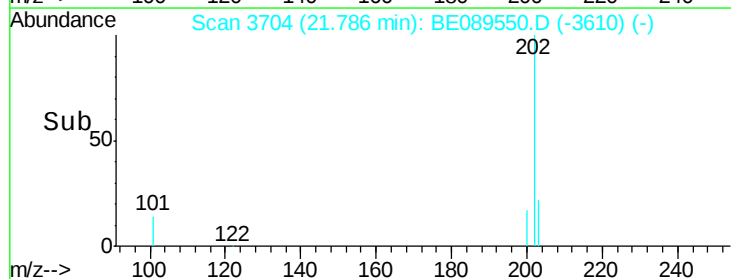
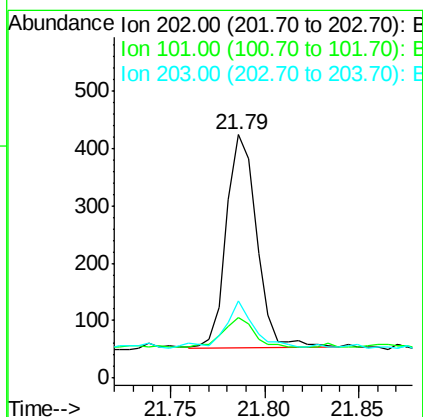
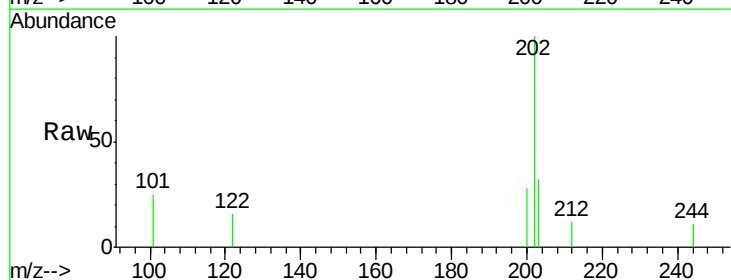
Instrument :
 BNA_E
 ClientSampleId :
 MW3

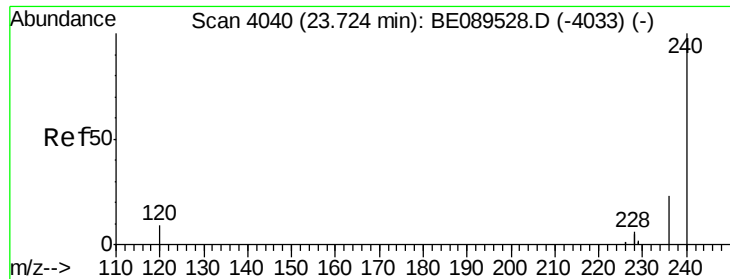
Tgt Ion:178 Resp: 243
 Ion Ratio Lower Upper
 178 100
 176 23.9 14.5 21.7#
 179 30.0 12.2 18.2#



#15
 Fluoranthene
 Concen: 0.02 ng
 RT: 21.79 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BE089550.D
 Acq: 7 Feb 2015 7:25

Tgt Ion:202 Resp: 419
 Ion Ratio Lower Upper
 202 100
 101 13.8 11.6 17.4
 203 22.2 13.6 20.4#





#16

Chrysene-d12

Concen: 5.00 ng

RT: 23.72 min Scan# 4039

Delta R.T. -0.01 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

Instrument :

BNA_E

ClientSampleId :

MW3

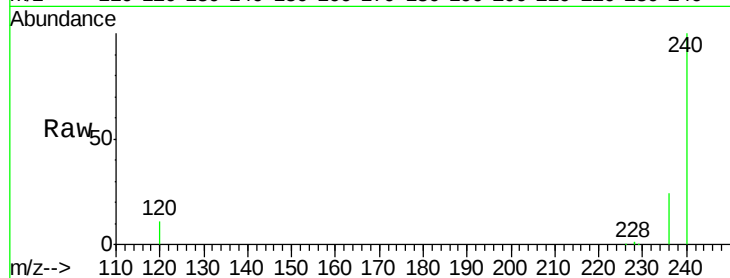
Tgt Ion:240 Resp: 101016

Ion Ratio Lower Upper

240 100

120 10.6 7.2 10.8

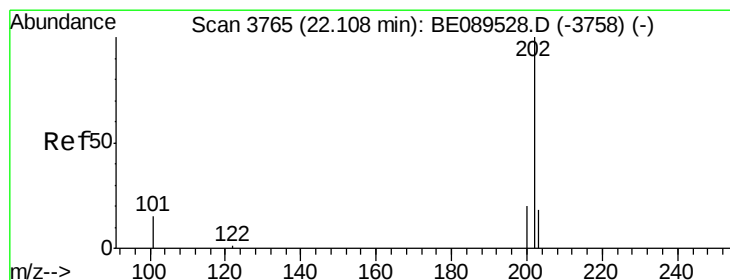
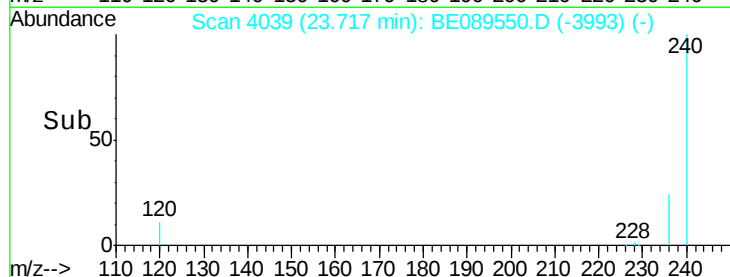
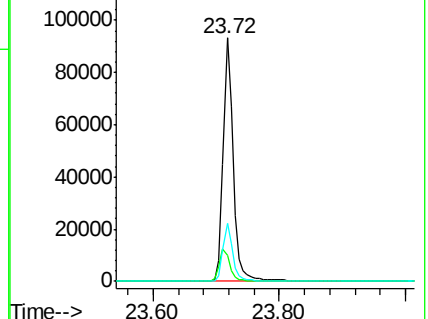
236 23.7 18.5 27.7



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



#17

Pyrene

Concen: 0.02 ng

RT: 22.10 min Scan# 3764

Delta R.T. -0.00 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

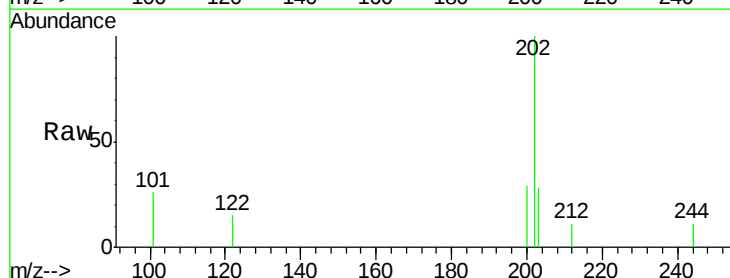
Tgt Ion:202 Resp: 480

Ion Ratio Lower Upper

202 100

200 22.3 16.3 24.5

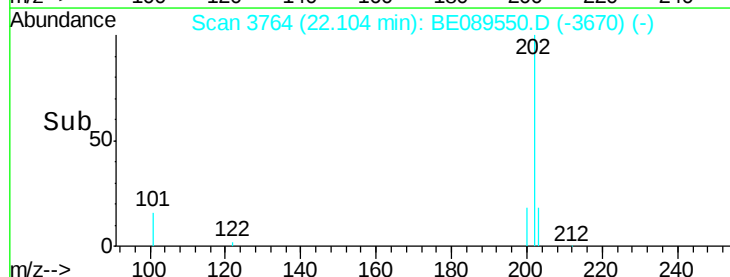
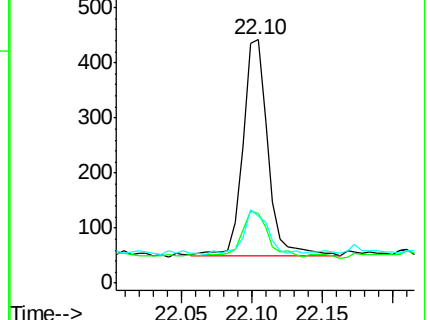
203 19.0 13.5 20.3

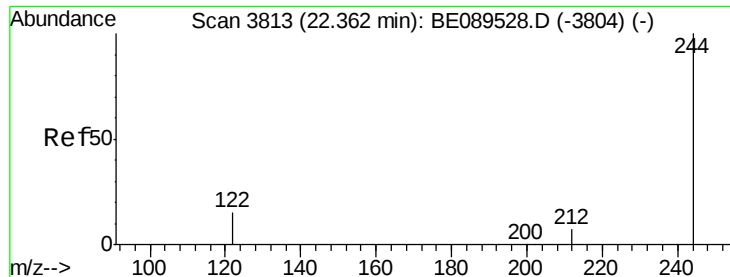


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Terphenyl-d14

Concen: 9.20 ng

RT: 22.36 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

Instrument :

BNA_E

ClientSampleId :

MW3

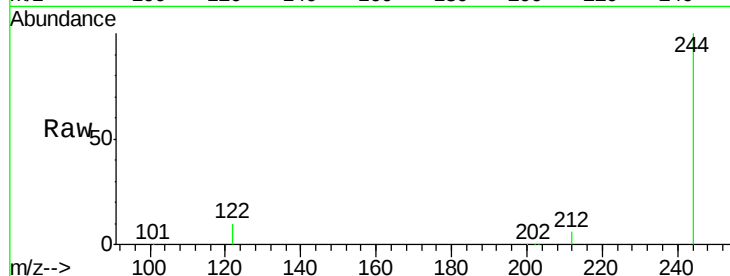
Tgt Ion:244 Resp: 122556

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

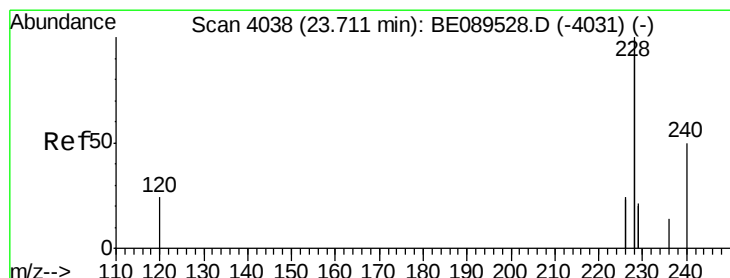
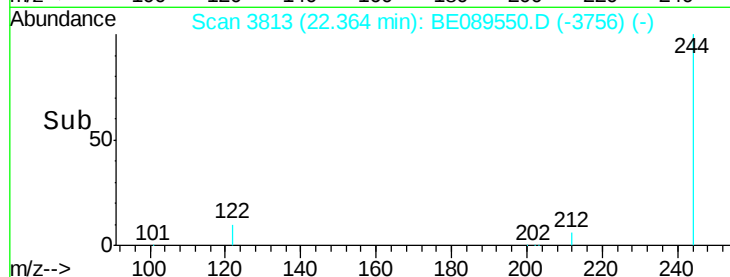
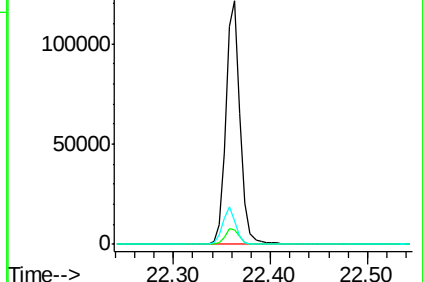
122 9.8 12.6 19.0#



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



#19

Benzo(a)anthracene

Concen: 0.04 ng

RT: 23.71 min Scan# 4038

Delta R.T. -0.00 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

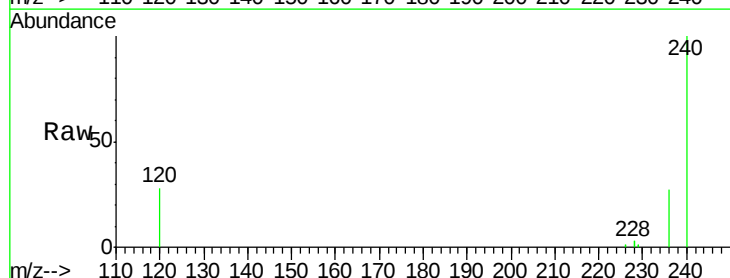
Tgt Ion:228 Resp: 3200

Ion Ratio Lower Upper

228 100

226 24.7 19.0 28.4

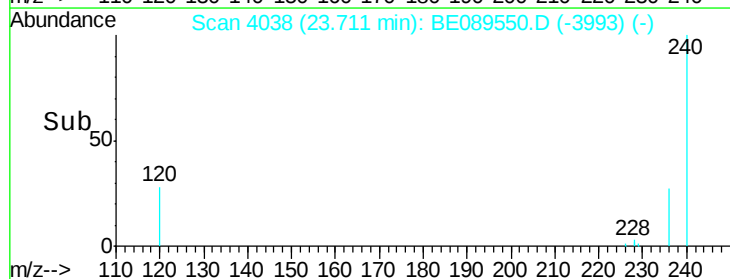
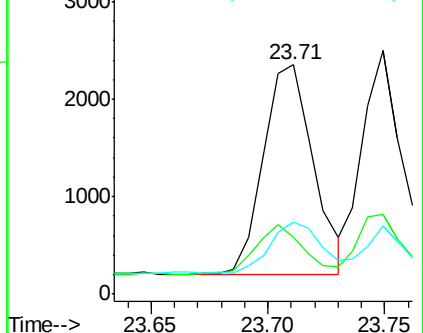
229 31.4 16.8 25.2#

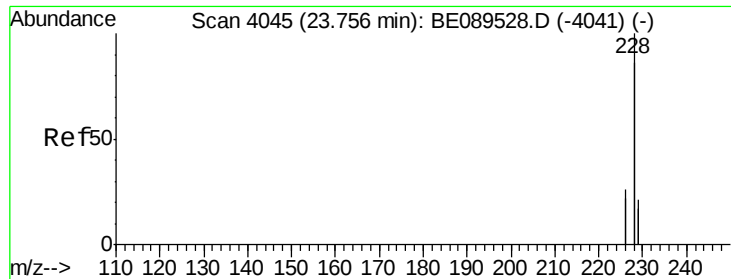


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#20

Chrysene

Concen: 0.03 ng

RT: 23.75 min Scan# 4044

Delta R.T. -0.01 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

Instrument :

BNA_E

ClientSampleId :

MW3

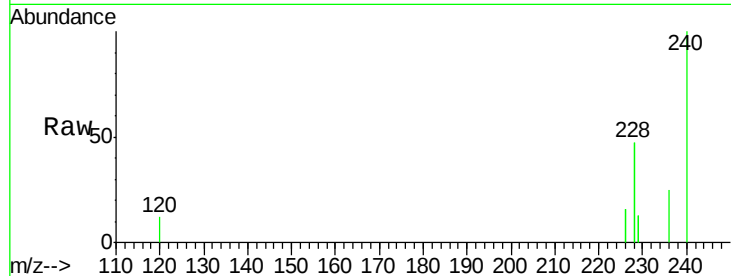
Tgt Ion:228 Resp: 3084

Ion Ratio Lower Upper

228 100

226 32.8 21.0 31.4#

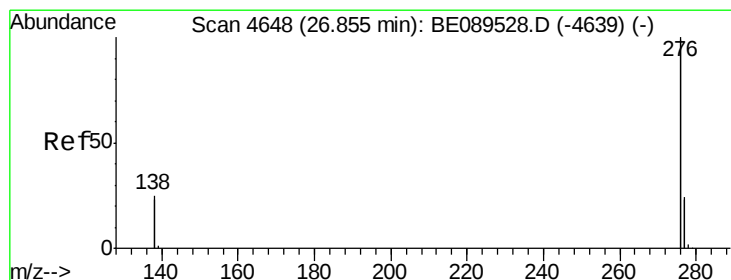
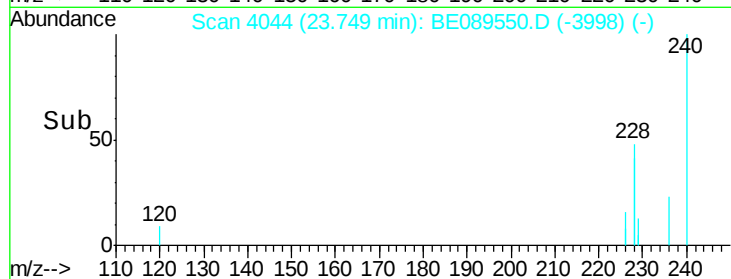
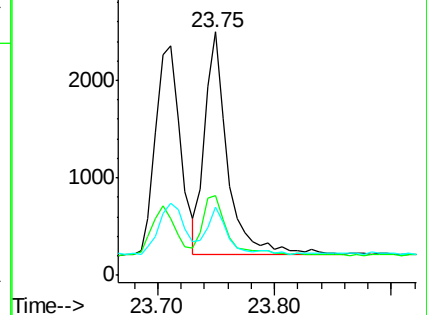
229 27.9 16.7 25.1#



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



#21

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 26.85 min Scan# 4647

Delta R.T. -0.01 min

Lab File: BE089550.D

Acq: 7 Feb 2015 7:25

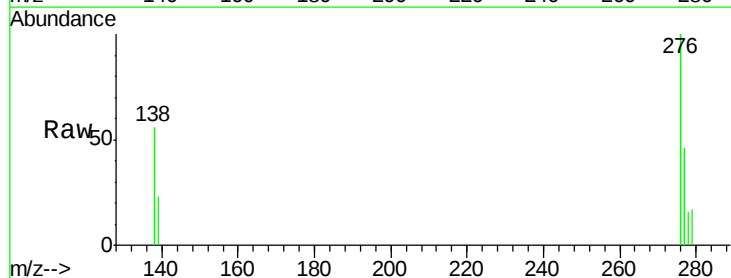
Tgt Ion:276 Resp: 2494

Ion Ratio Lower Upper

276 100

138 19.5 23.0 34.4#

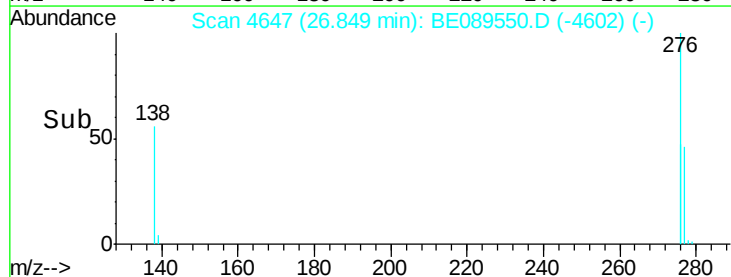
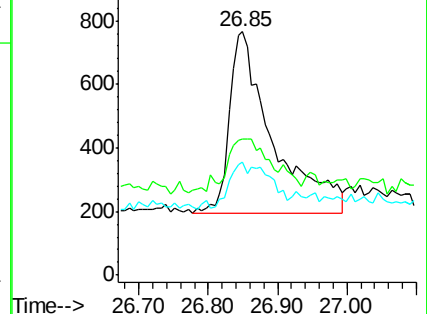
277 10.4 19.9 29.9#

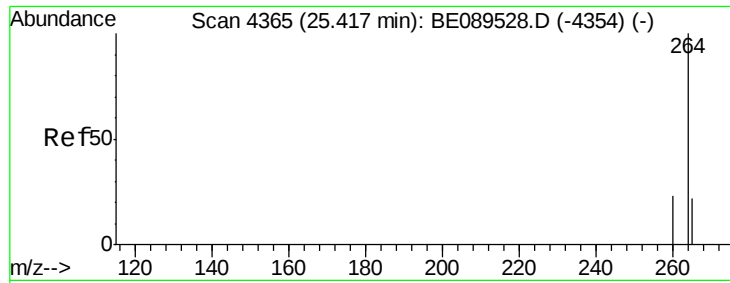


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

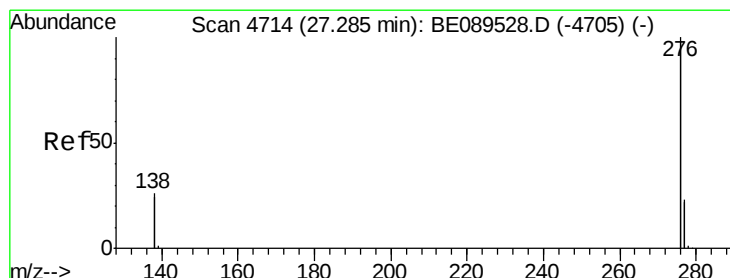
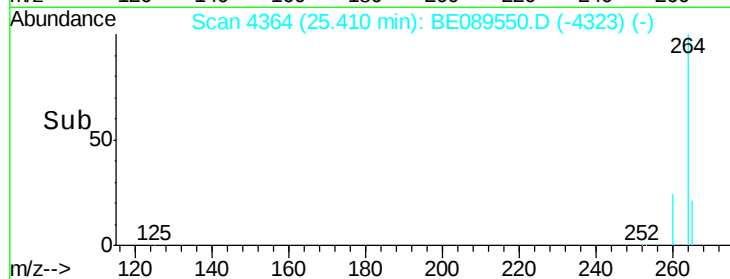
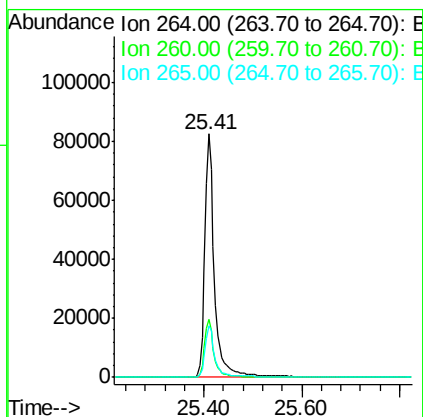
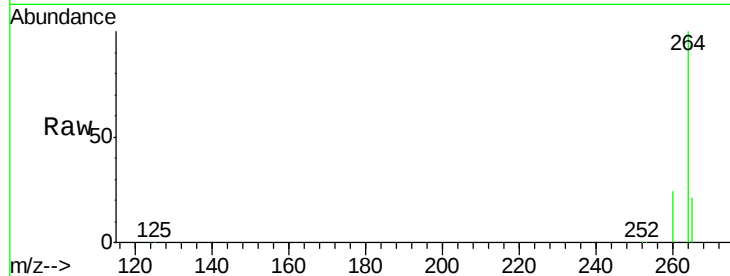




#22
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.41 min Scan# 4364
 Delta R.T. -0.01 min
 Lab File: BE089550.D
 Acq: 7 Feb 2015 7:25

Instrument :
 BNA_E
 ClientSampleId :
 MW3

Tgt Ion: 264 Resp: 112481
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.3 17.5 26.3



#27
 Benzo(g,h,i)perylene
 Concen: 0.03 ng
 RT: 27.27 min Scan# 4712
 Delta R.T. -0.01 min
 Lab File: BE089550.D
 Acq: 7 Feb 2015 7:25

Tgt Ion: 276 Resp: 3371
 Ion Ratio Lower Upper
 276 100
 277 36.2 18.6 27.8#
 138 40.0 20.9 31.3#

