

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032615\
 Data File : BE089858.D
 Acq On : 26 Mar 2015 14:05
 Operator : TP/JJ
 Sample : G1589-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1RE

Quant Time: Mar 27 03:24:32 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 16:20:31 2015
 Response via : Initial Calibration

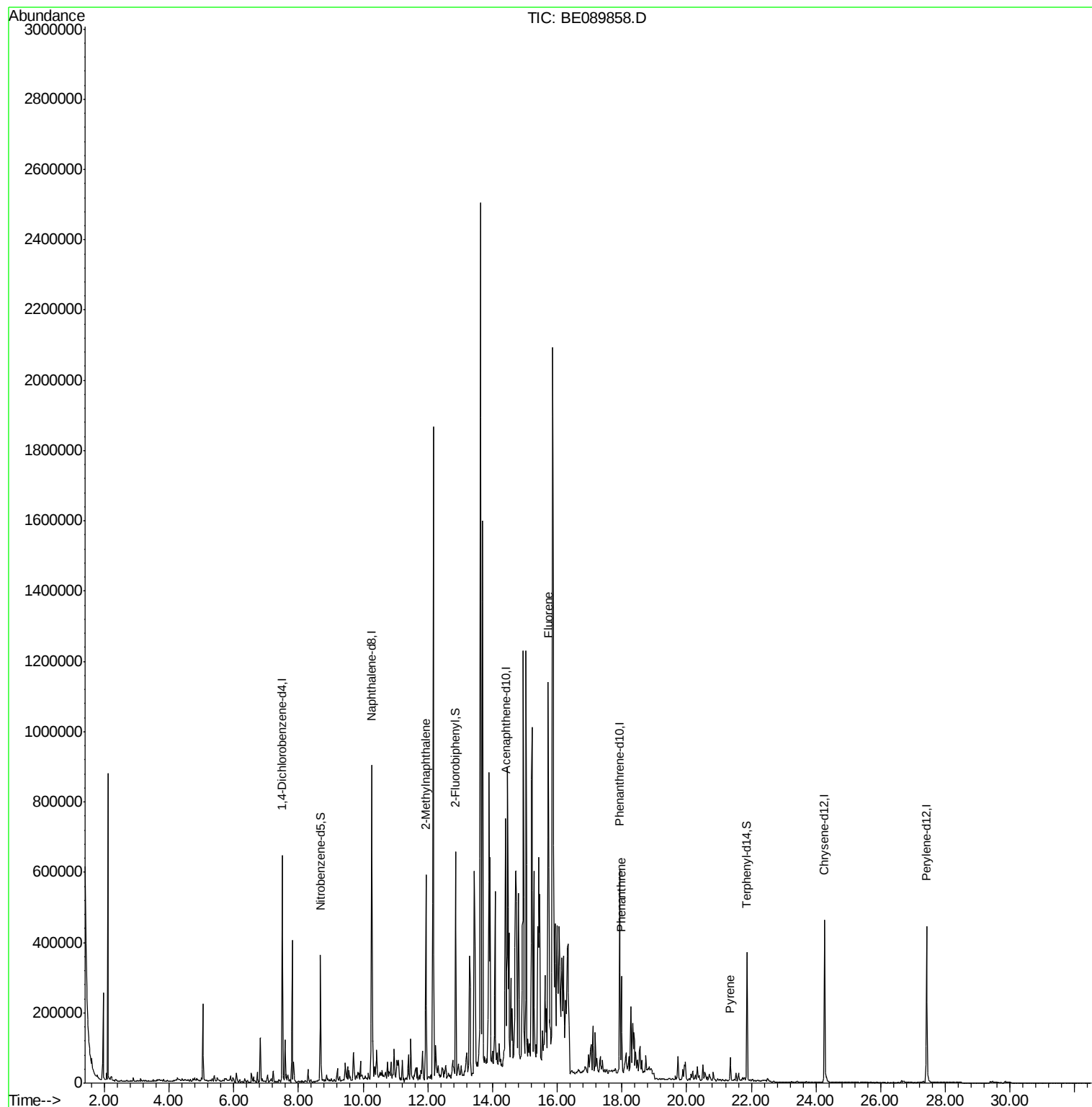
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	256649	5.00	ng	0.00
4) Naphthalene-d8	10.27	136	968554	5.00	ng	0.01
8) Acenaphthene-d10	14.41	164	454242	5.00	ng	0.02
13) Phenanthrene-d10	17.94	188	752503	5.00	ng	0.02
19) Chrysene-d12	24.26	240	600268	5.00	ng	0.00
25) Perylene-d12	27.42	264	561395	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	268713	3.95	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	536415	5.05	ng	0.00
21) Terphenyl-d14	21.87	244	493574	5.57	ng	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	11.94	142	334986m	3.15	ng	
12) Fluorene	15.72	166	379602	3.15	ng	# 90
16) Phenanthrene	17.98	178	335318	2.03	ng	# 94
20) Pyrene	21.35	202	66638	0.44	ng	# 81

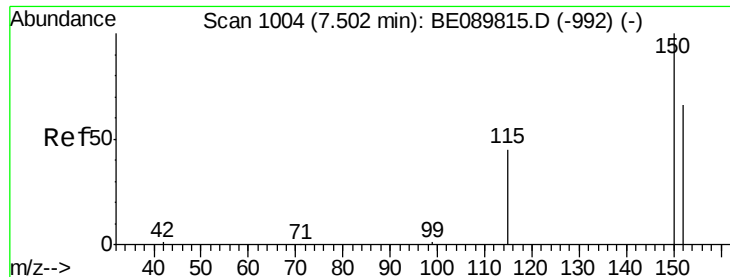
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.50 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1RE

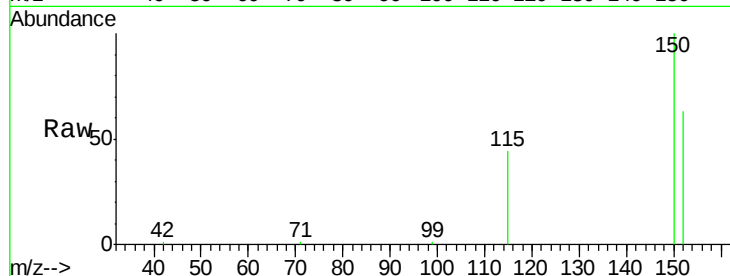
Tgt Ion:152 Resp: 256649

Ion Ratio Lower Upper

152 100

150 158.5 125.5 188.3

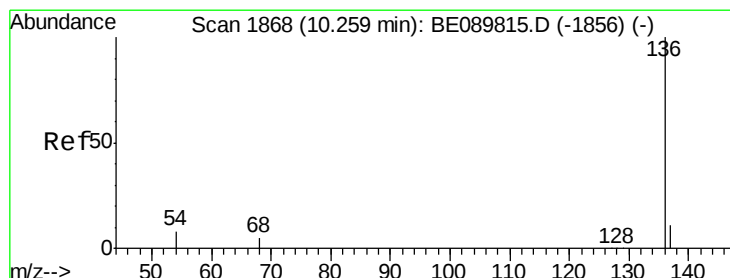
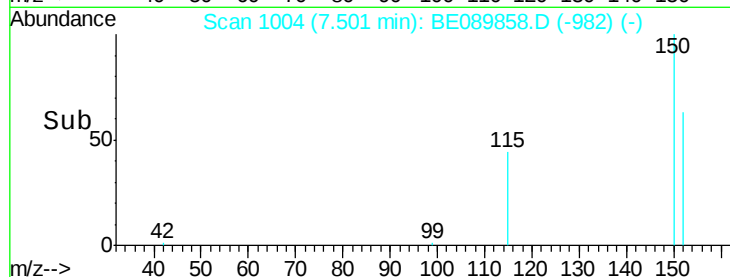
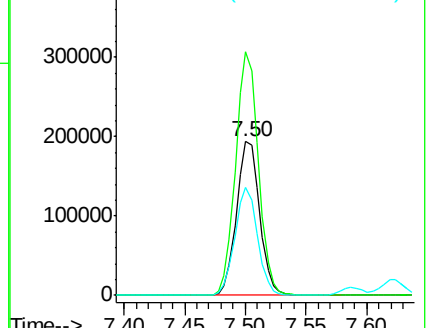
115 70.5 58.0 87.0



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



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.27 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

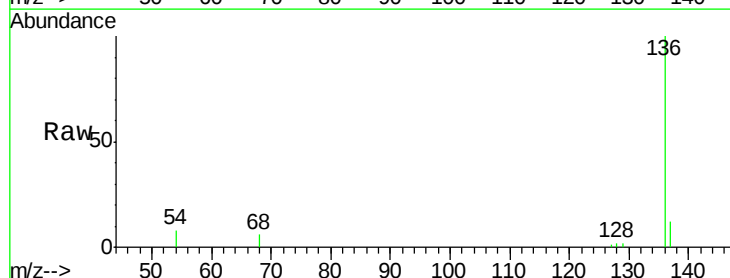
Tgt Ion:136 Resp: 968554

Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

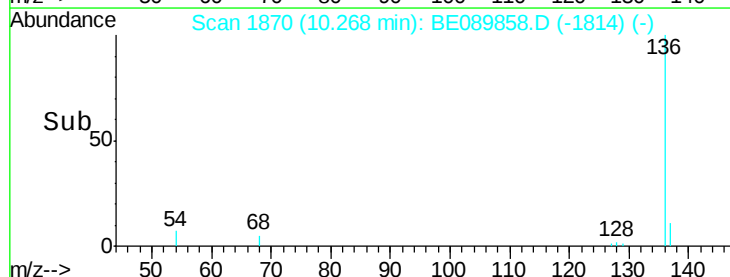
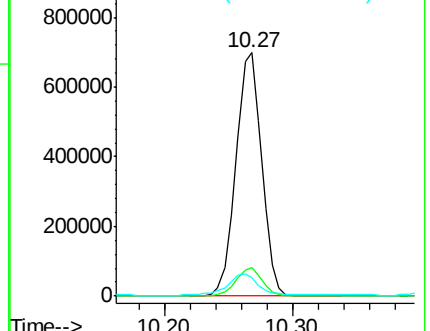
54 7.6 7.0 10.4

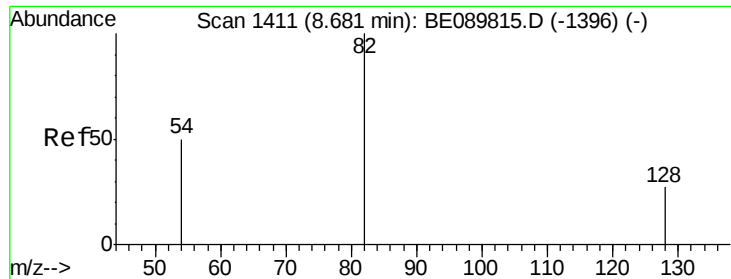


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 3.95 ng

RT: 8.68 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1RE

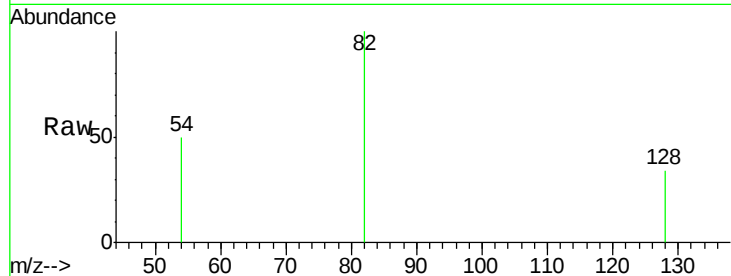
Tgt Ion: 82 Resp: 268713

Ion Ratio Lower Upper

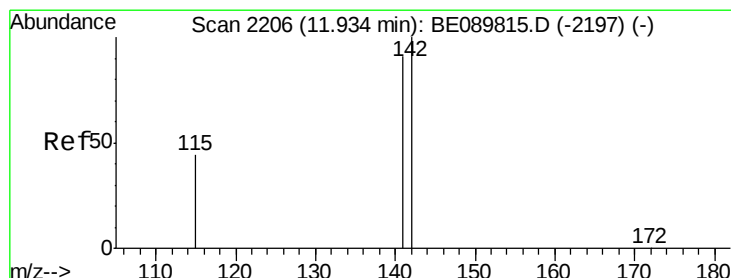
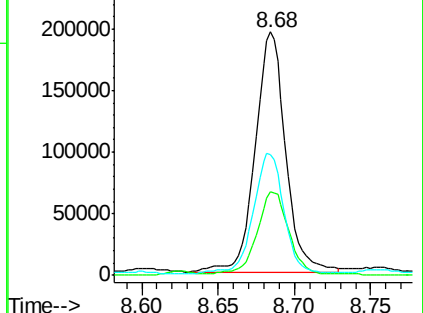
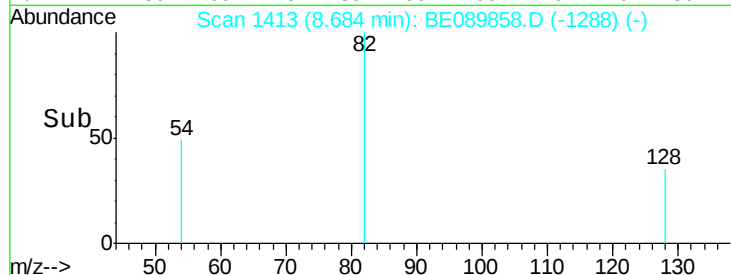
82 100

128 34.5 24.6 37.0

54 49.8 43.0 64.6



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



#7

2-Methylnaphthalene

Concen: 3.15 ng m

RT: 11.94 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

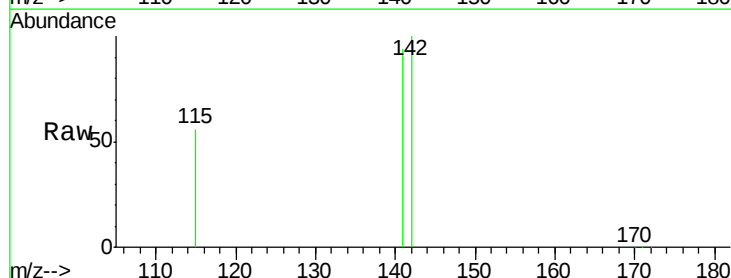
Tgt Ion: 142 Resp: 334986

Ion Ratio Lower Upper

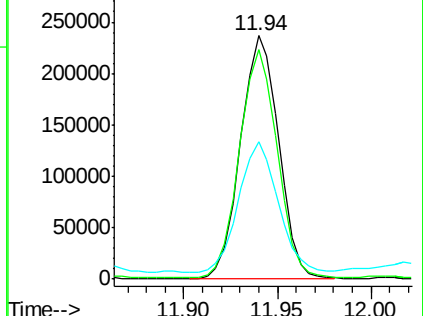
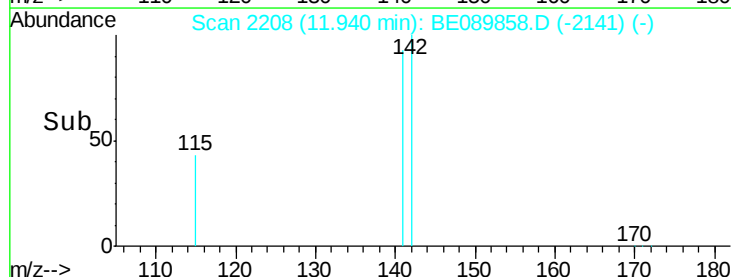
142 100

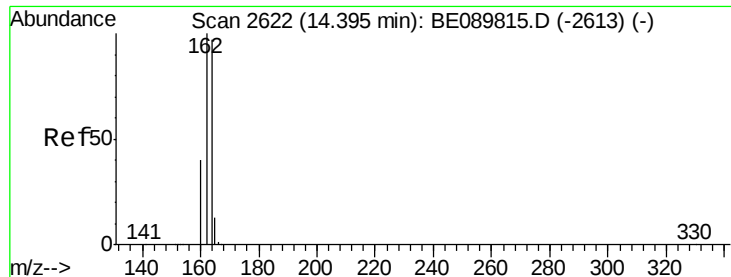
141 94.1 72.8 109.2

115 56.3 32.9 49.3#



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





#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 2624

Delta R.T. 0.02 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1RE

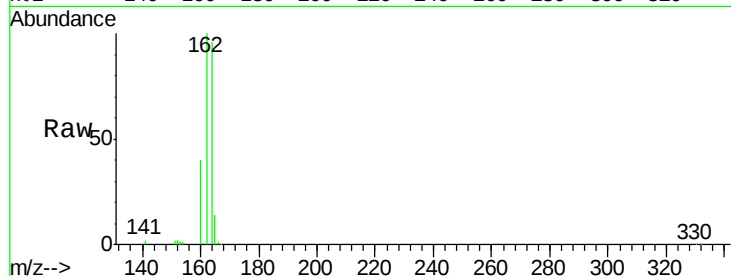
Tgt Ion:164 Resp: 454242

Ion Ratio Lower Upper

164 100

162 103.6 87.6 131.4

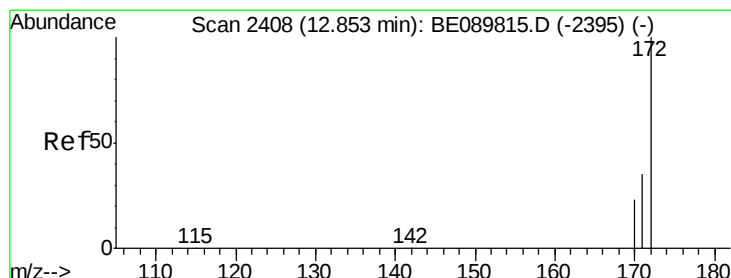
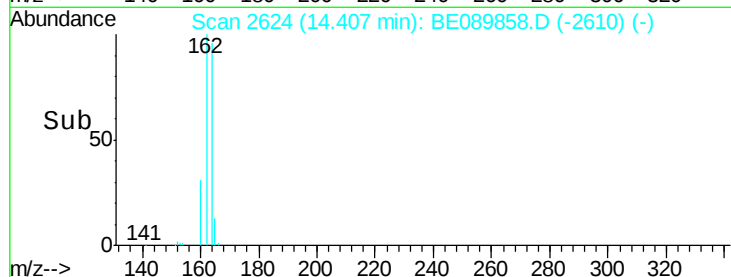
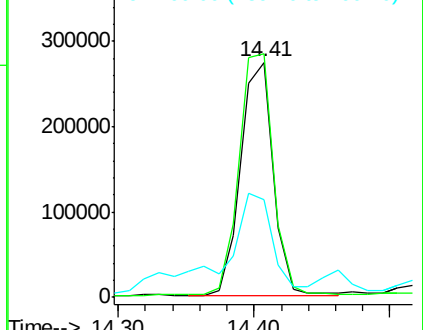
160 41.6 36.7 55.1



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



#9

2-Fluorobiphenyl

Concen: 5.05 ng

RT: 12.86 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

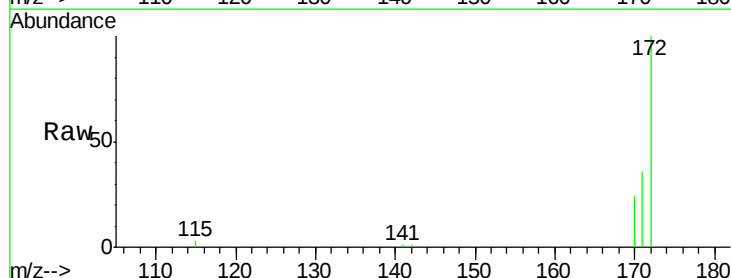
Tgt Ion:172 Resp: 536415

Ion Ratio Lower Upper

172 100

171 36.4 30.8 46.2

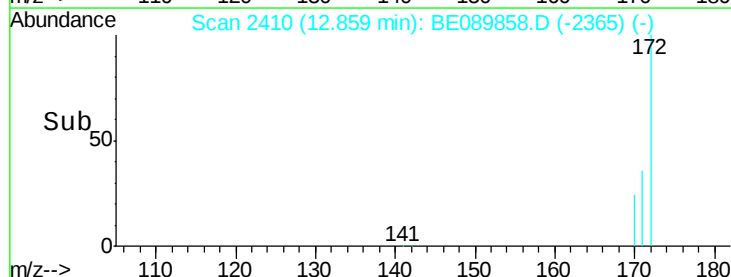
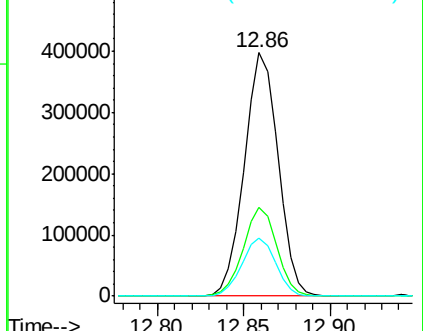
170 24.0 21.0 31.4

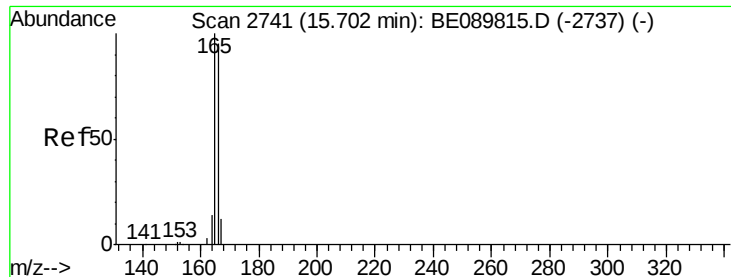


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#12

Fluorene

Concen: 3.15 ng

RT: 15.72 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1RE

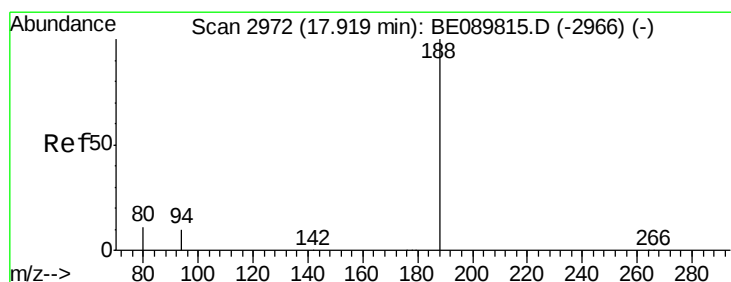
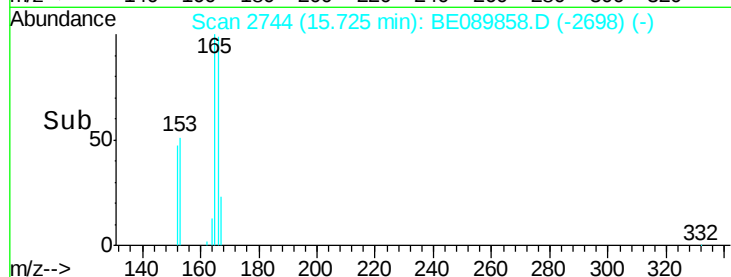
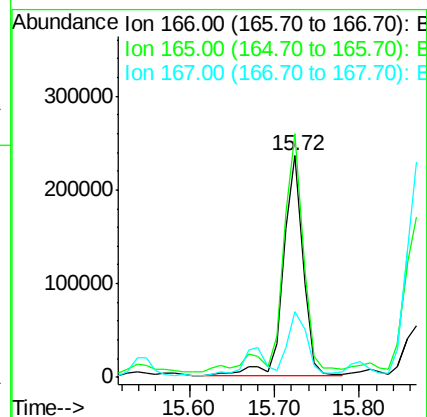
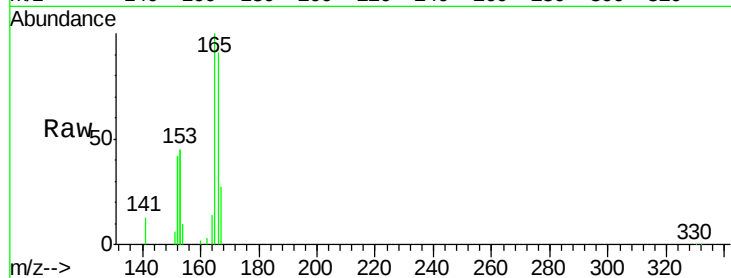
Tgt Ion:166 Resp: 379602

Ion Ratio Lower Upper

166 100

165 114.4 85.1 127.7

167 25.1 12.2 18.4#



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.94 min Scan# 2975

Delta R.T. 0.02 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

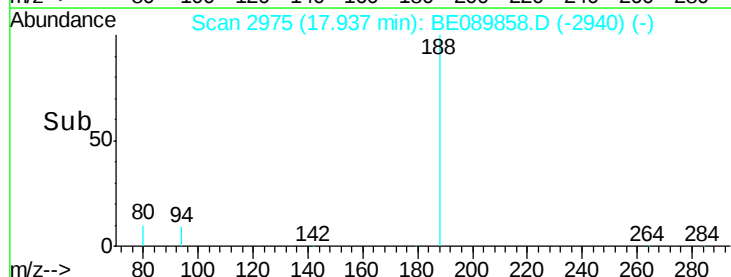
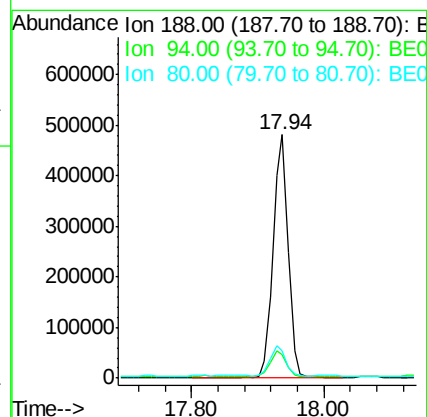
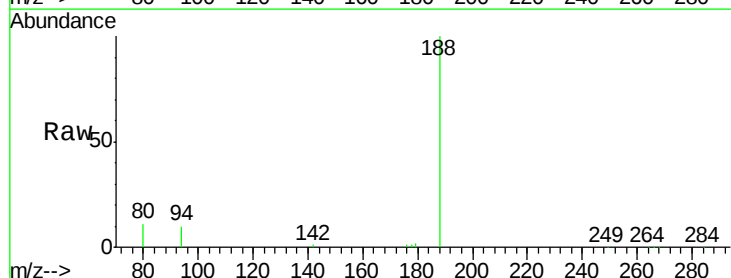
Tgt Ion:188 Resp: 752503

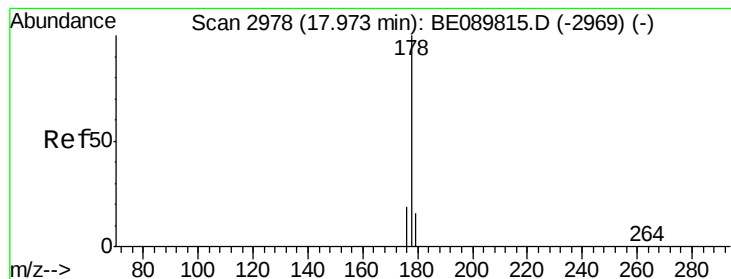
Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

80 11.2 10.0 15.0





#16

Phenanthrene

Concen: 2.03 ng

RT: 17.98 min Scan# 2980

Delta R.T. 0.01 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

Instrument :

BNA_E

ClientSampleId :

MW-1RE

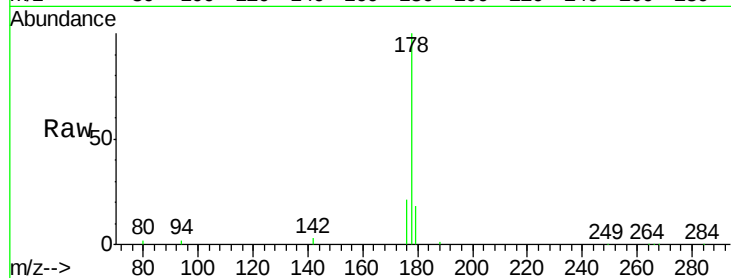
Tgt Ion:178 Resp: 335318

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

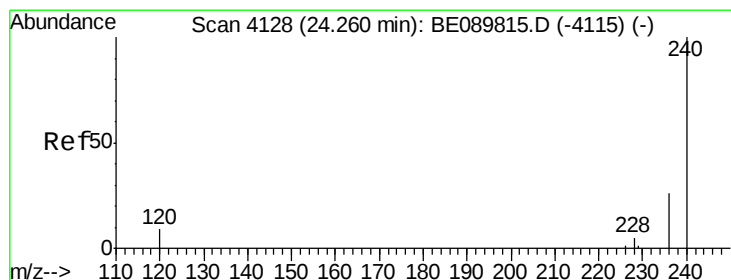
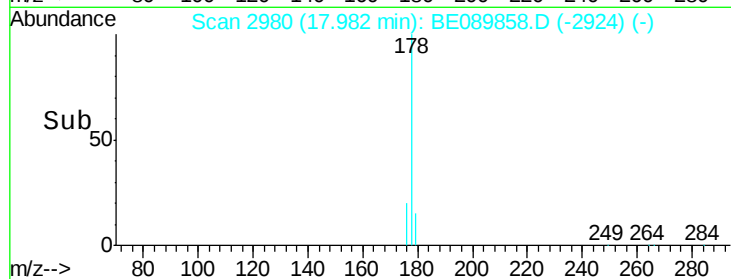
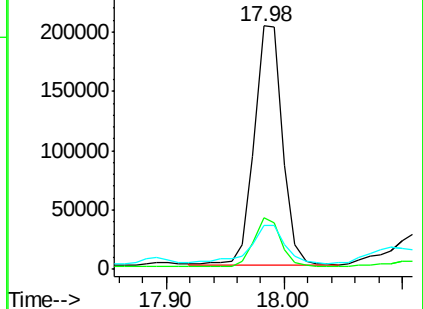
179 19.9 12.2 18.4#



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



#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.26 min Scan# 4130

Delta R.T. 0.00 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

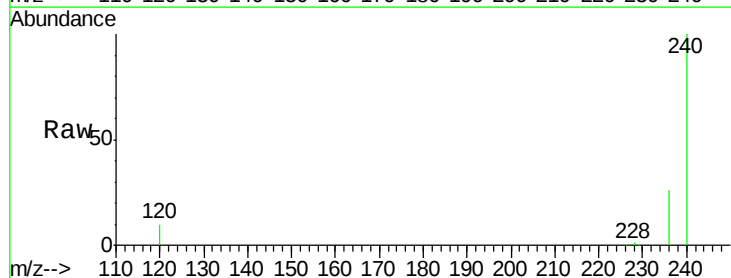
Tgt Ion:240 Resp: 600268

Ion Ratio Lower Upper

240 100

120 10.3 7.5 11.3

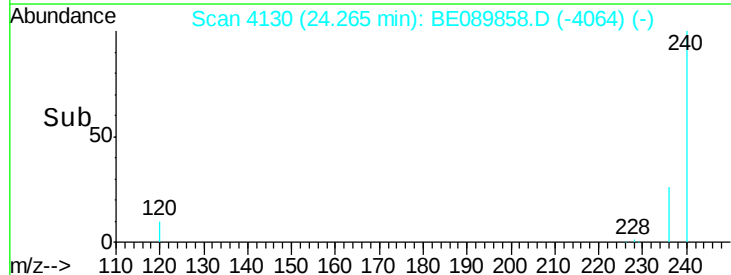
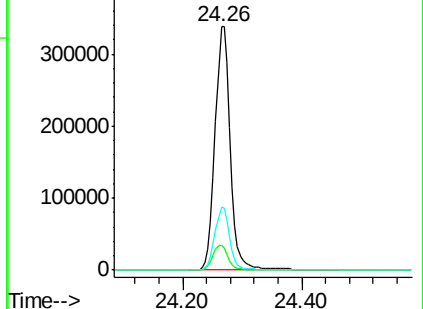
236 25.8 20.5 30.7

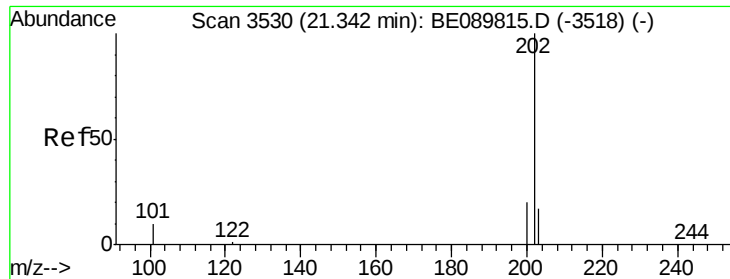


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#20

Pyrene

Concen: 0.44 ng

RT: 21.35 min Scan# 3533

Delta R.T. 0.01 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

Instrument :

BNA_E

ClientSampled :

MW-1RE

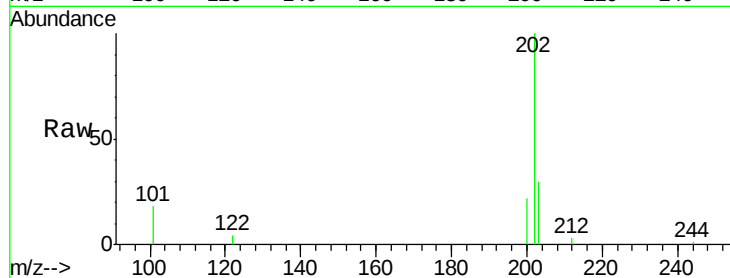
Tgt Ion:202 Resp: 66638

Ion Ratio Lower Upper

202 100

200 21.7 15.9 23.9

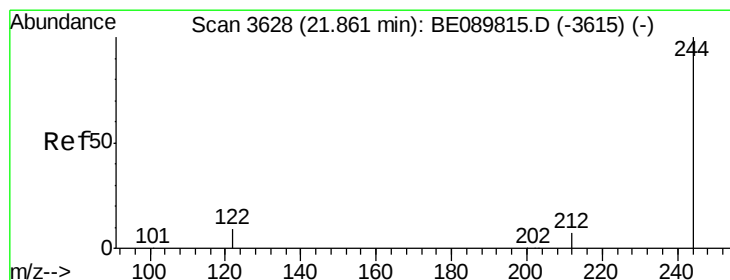
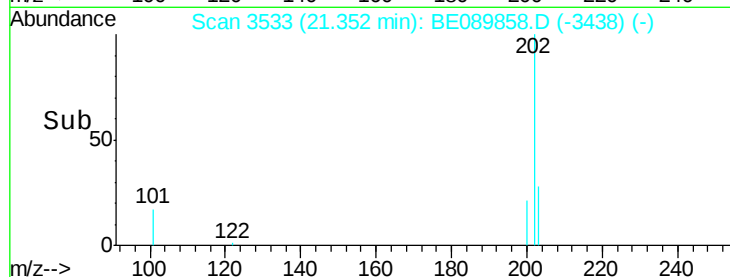
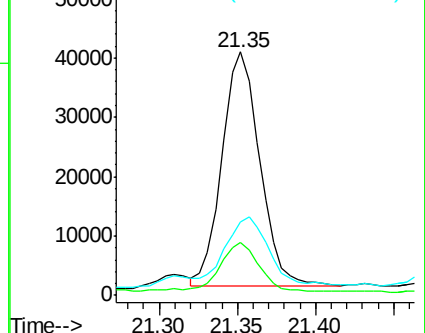
203 32.5 13.6 20.4#



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



#21

Terphenyl-d14

Concen: 5.57 ng

RT: 21.87 min Scan# 3630

Delta R.T. 0.01 min

Lab File: BE089858.D

Acq: 26 Mar 2015 14:05

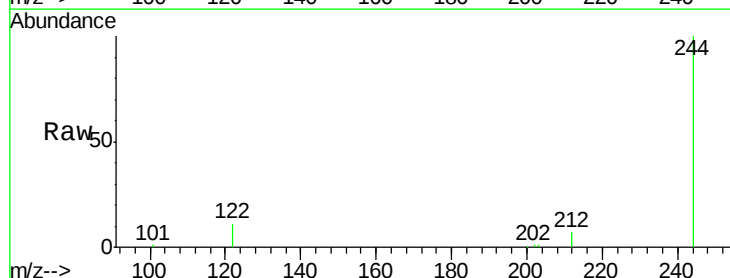
Tgt Ion:244 Resp: 493574

Ion Ratio Lower Upper

244 100

212 7.2 7.3 10.9#

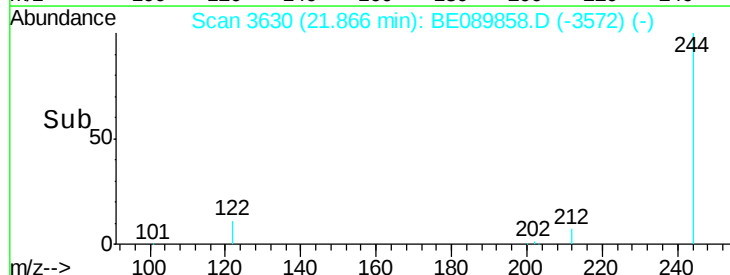
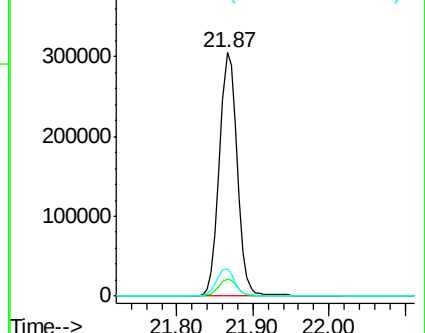
122 11.2 10.5 15.7

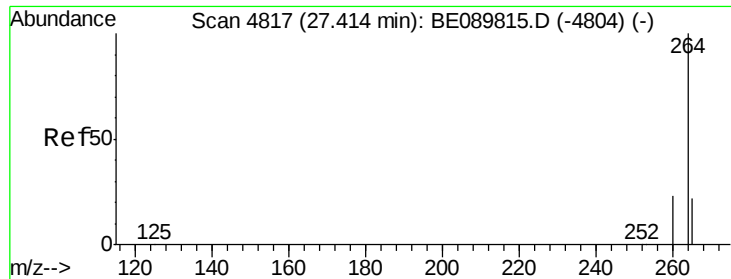


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4819
Delta R.T. 0.00 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion: 264 Resp: 561395
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.2
265 21.5 17.3 25.9

