

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
 Data File : BE089695.D
 Acq On : 26 Feb 2015 17:34
 Operator : TP/JJ
 Sample : PB81861BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB81860BL

Quant Time: Feb 27 01:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 14:06:35 2015
 Response via : Initial Calibration

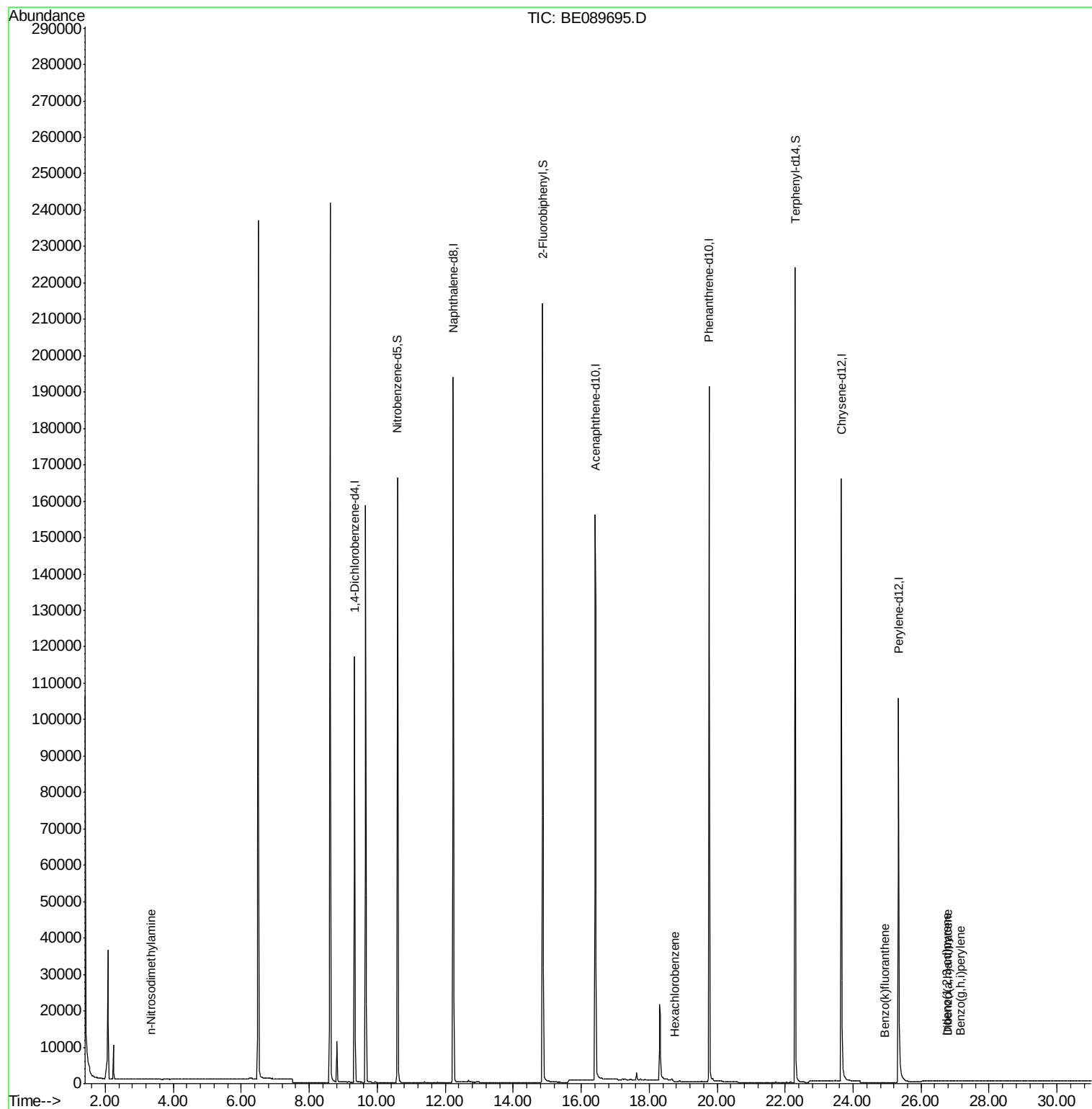
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	52461	5.00	ng	0.00
4) Naphthalene-d8	12.24	136	223122	5.00	ng	0.00
8) Acenaphthene-d10	16.41	164	101328	5.00	ng	0.00
13) Phenanthrene-d10	19.76	188	185885	5.00	ng	0.00
19) Chrysene-d12	23.65	240	145010	5.00	ng	0.00
25) Perylene-d12	25.34	264	112283	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.60	82	113463	8.57	ng	0.00
9) 2-Fluorobiphenyl	14.87	172	198516	8.81	ng	0.00
21) Terphenyl-d14	22.30	244	185121	10.88	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.36	42	6	0.07	ng	# 1
14) Hexachlorobenzene	18.76	284	232	0.05	ng	# 15
24) Indeno(1,2,3-cd)pyrene	26.74	276	323	0.05	ng	# 46
27) Benzo(k)fluoranthene	24.94	252	73	0.07	ng	# 1
29) Dibenzo(a,h)anthracene	26.78	278	66	0.09	ng	# 12
30) Benzo(g,h,i)perylene	27.16	276	207	0.09	ng	# 18

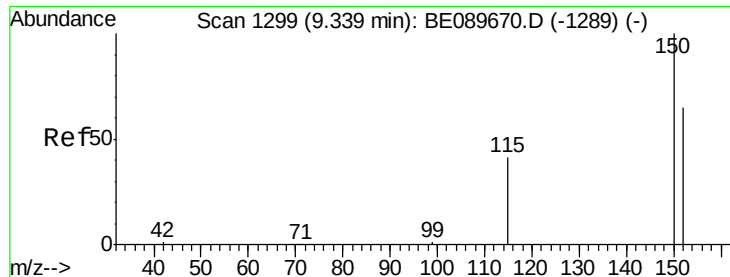
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampleId :

PB81860BL

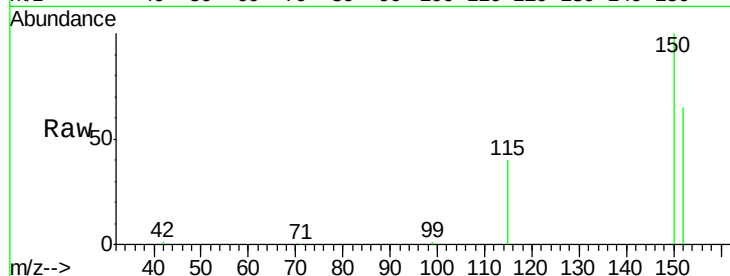
Tgt Ion:152 Resp: 52461

Ion Ratio Lower Upper

152 100

150 153.5 123.4 185.0

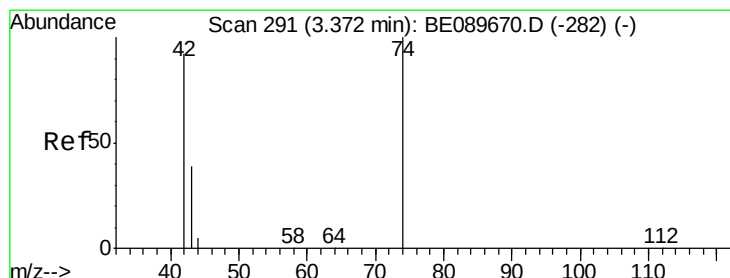
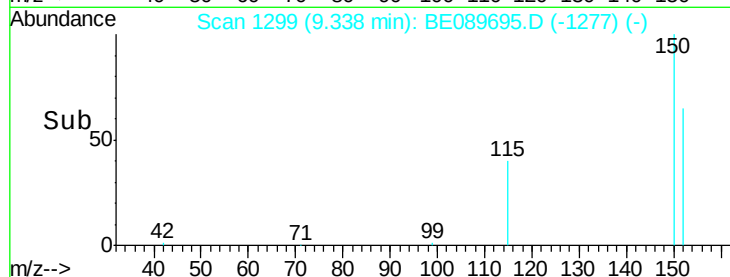
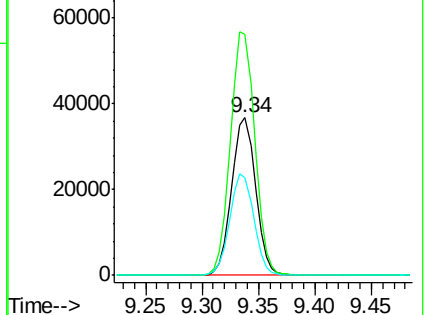
115 62.1 50.8 76.2



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



#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.36 min Scan# 289

Delta R.T. -0.01 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

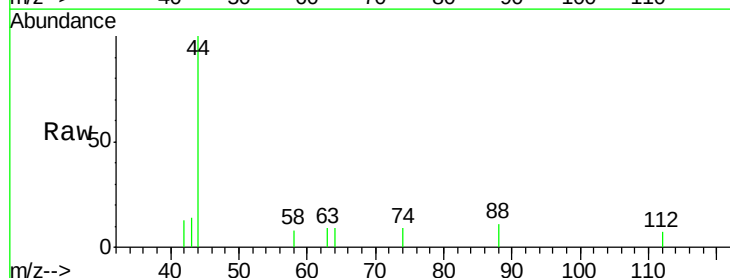
Tgt Ion: 42 Resp: 6

Ion Ratio Lower Upper

42 100

74 0.0 91.1 136.7#

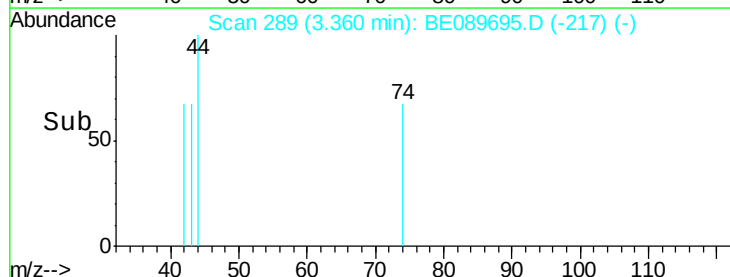
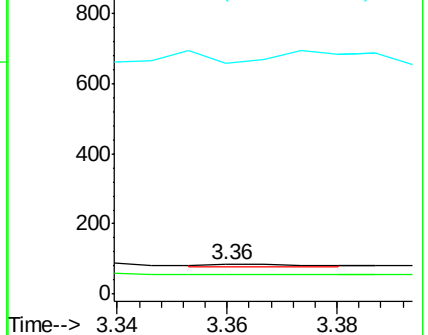
44 250.0 4.7 7.1#

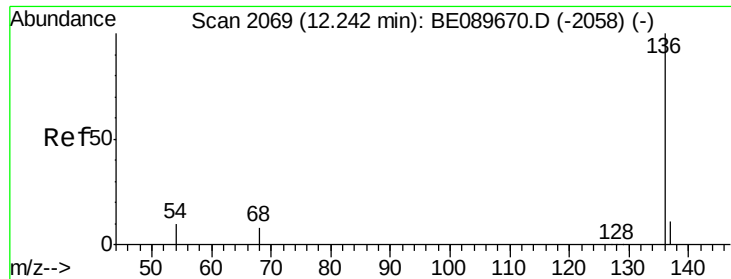


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

Naphthalene-d8

Concen: 5.00 ng

RT: 12.24 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampleId :

PB81860BL

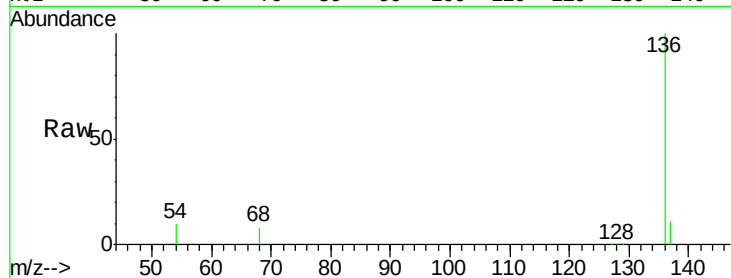
Tgt Ion: 136 Resp: 223122

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

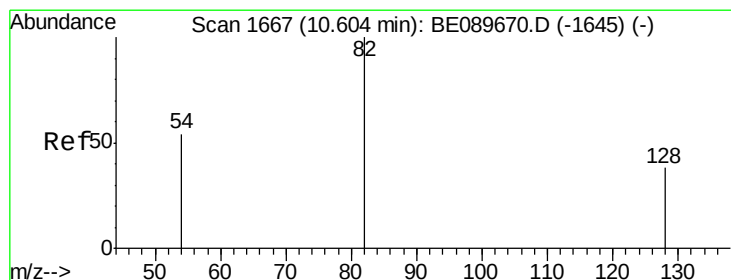
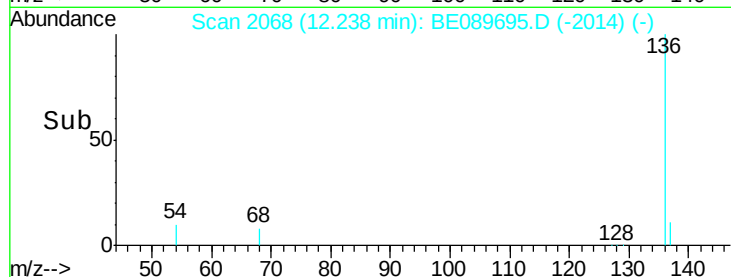
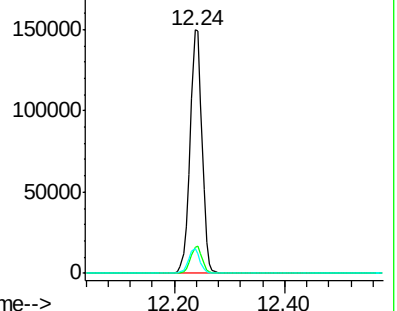
54 10.3 7.8 11.8



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): BE0



#5

Nitrobenzene-d5

Concen: 8.57 ng

RT: 10.60 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

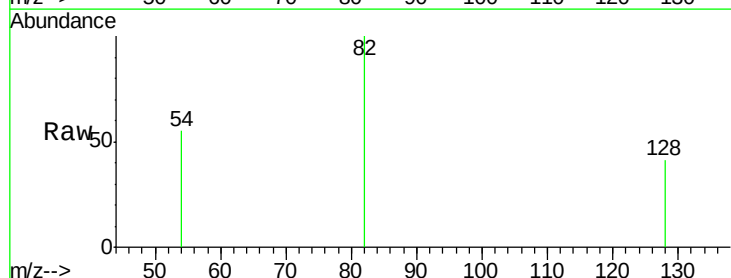
Tgt Ion: 82 Resp: 113463

Ion Ratio Lower Upper

82 100

128 40.8 30.6 46.0

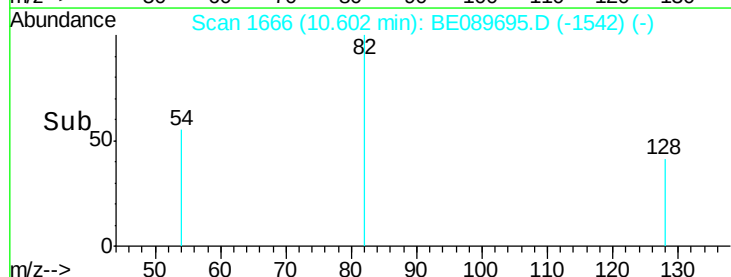
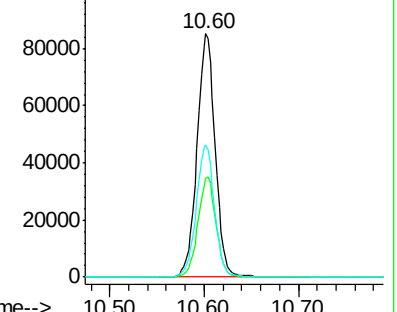
54 54.6 43.6 65.4

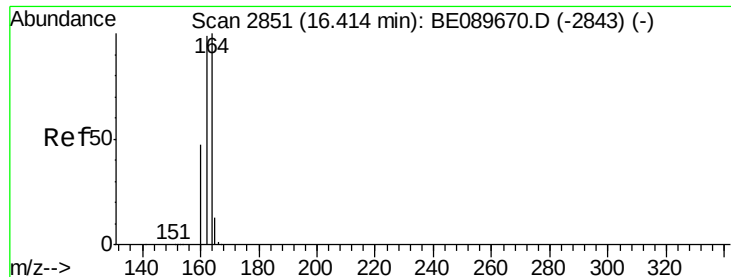


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.41 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampleId :

PB81860BL

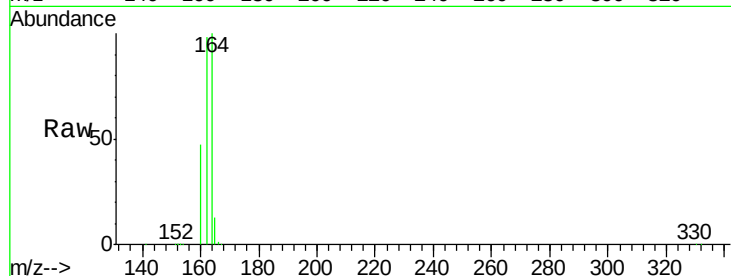
Tgt Ion:164 Resp: 101328

Ion Ratio Lower Upper

164 100

162 97.8 79.4 119.2

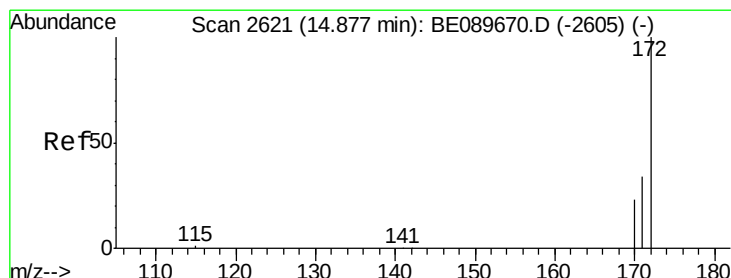
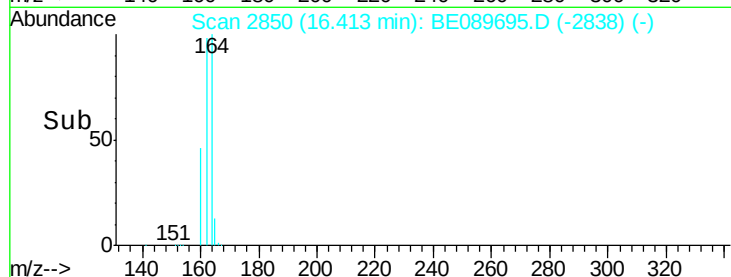
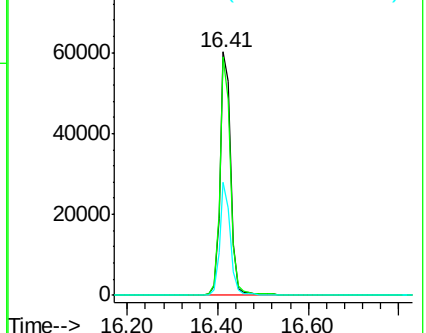
160 46.5 37.6 56.4



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



#9

2-Fluorobiphenyl

Concen: 8.81 ng

RT: 14.87 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

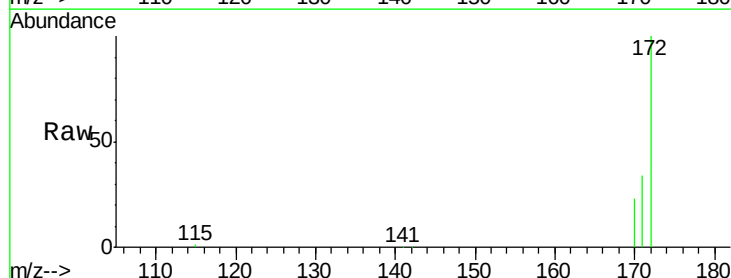
Tgt Ion:172 Resp: 198516

Ion Ratio Lower Upper

172 100

171 33.5 27.3 40.9

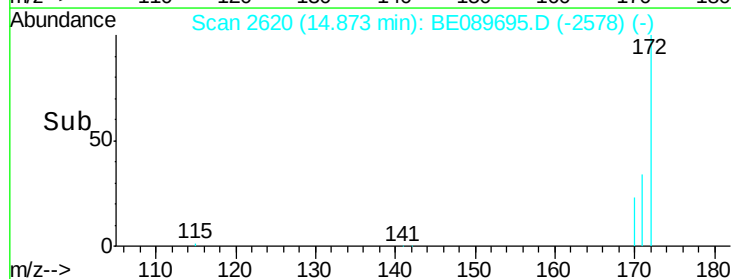
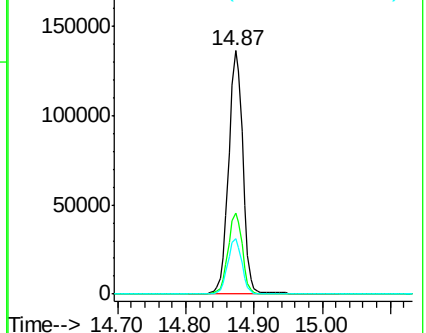
170 22.7 18.5 27.7

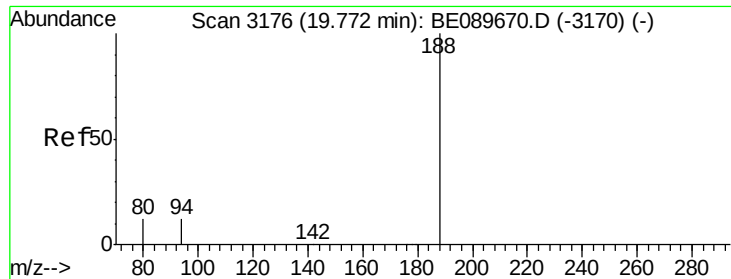


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

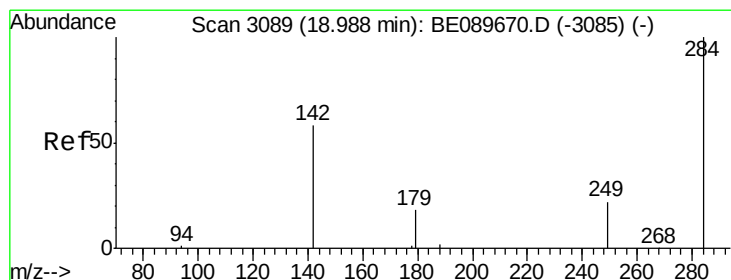
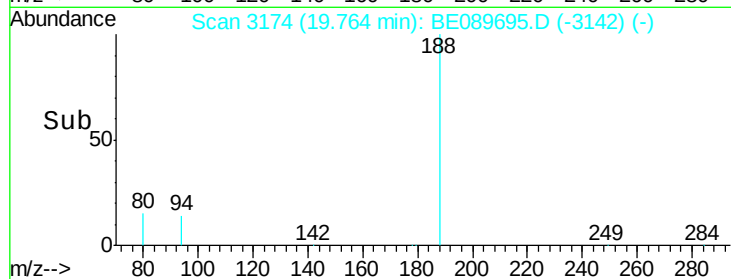
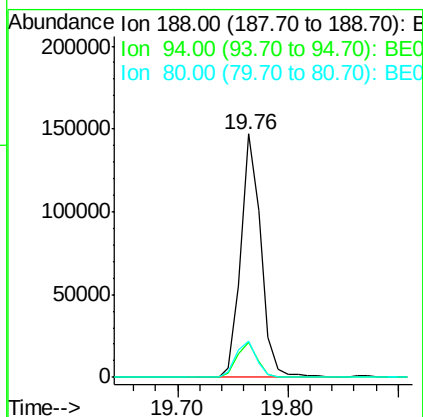
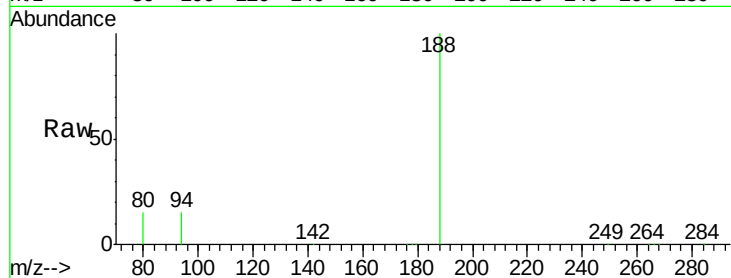




#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BE089695.D
Acq: 26 Feb 2015 17:34

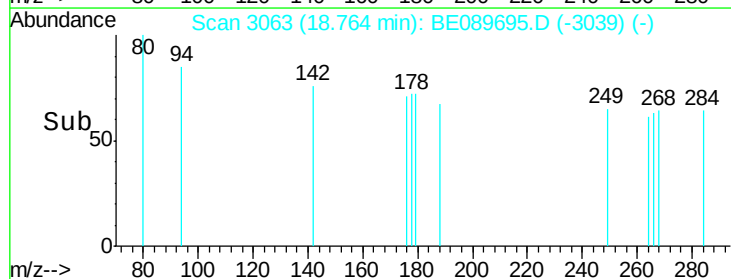
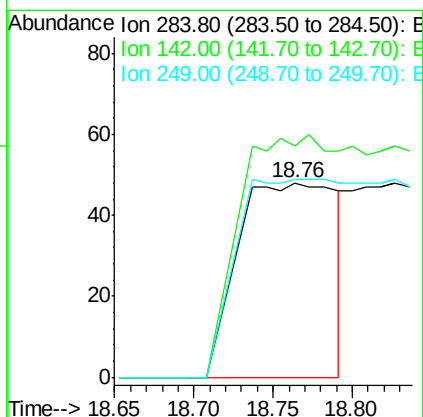
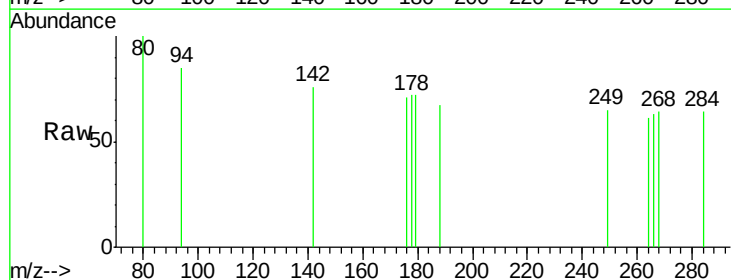
Instrument :
BNA_E
ClientSampleId :
PB81860BL

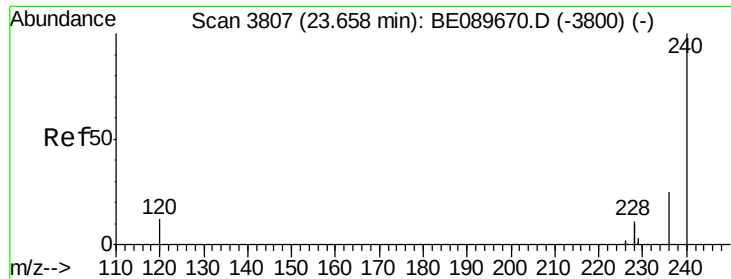
Tgt Ion:188 Resp: 185885
Ion Ratio Lower Upper
188 100
94 14.5 9.4 14.2#
80 15.1 9.5 14.3#



#14
Hexachlorobenzene
Concen: 0.05 ng
RT: 18.76 min Scan# 3063
Delta R.T. -0.22 min
Lab File: BE089695.D
Acq: 26 Feb 2015 17:34

Tgt Ion:284 Resp: 232
Ion Ratio Lower Upper
284 100
142 148.7 55.4 83.2#
249 0.0 27.2 40.8#





#19

Chrysene-d12

Concen: 5.00 ng

RT: 23.65 min Scan# 3804

Delta R.T. -0.01 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampled :

PB81860BL

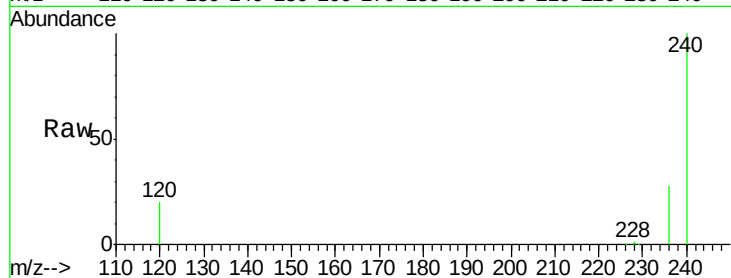
Tgt Ion:240 Resp: 145010

Ion Ratio Lower Upper

240 100

120 20.5 9.4 14.0#

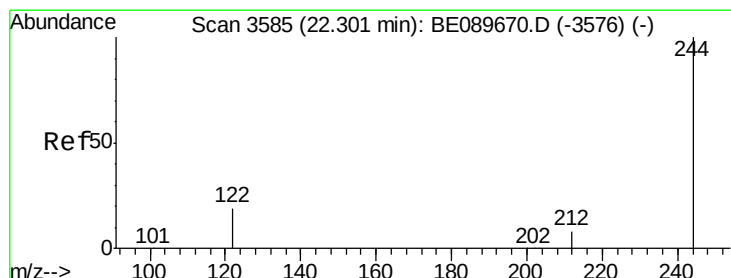
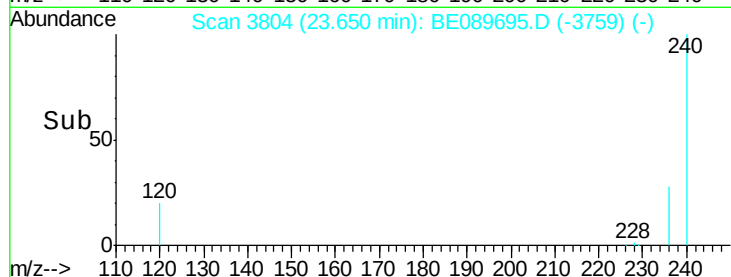
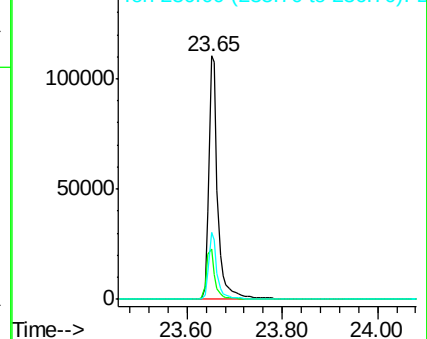
236 27.7 19.9 29.9



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



#21

Terphenyl-d14

Concen: 10.88 ng

RT: 22.30 min Scan# 3582

Delta R.T. -0.01 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

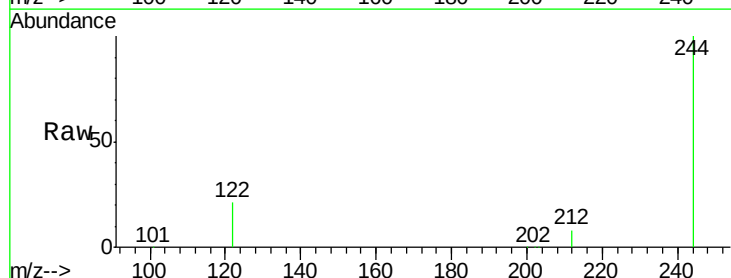
Tgt Ion:244 Resp: 185121

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

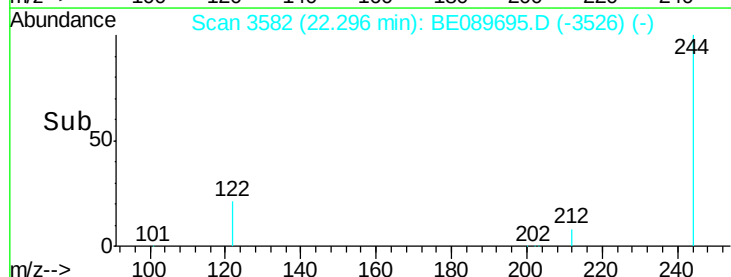
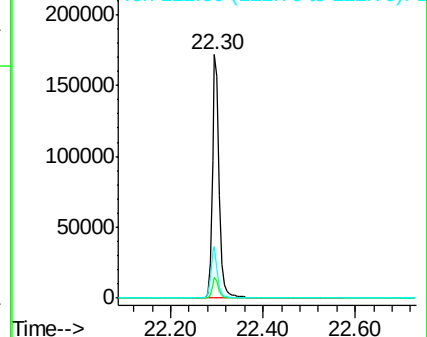
122 21.1 15.4 23.0

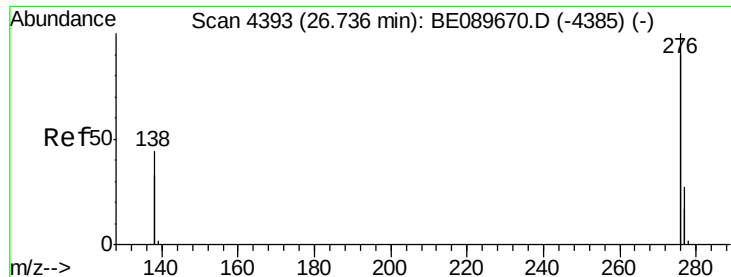


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 26.74 min Scan# 4392

Delta R.T. 0.01 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampleId :

PB81860BL

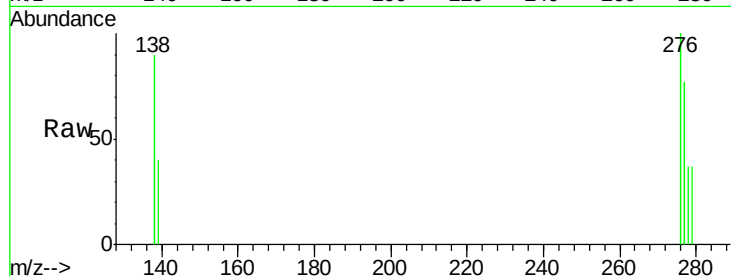
Tgt Ion:276 Resp: 323

Ion Ratio Lower Upper

276 100

138 17.3 0.0 0.0#

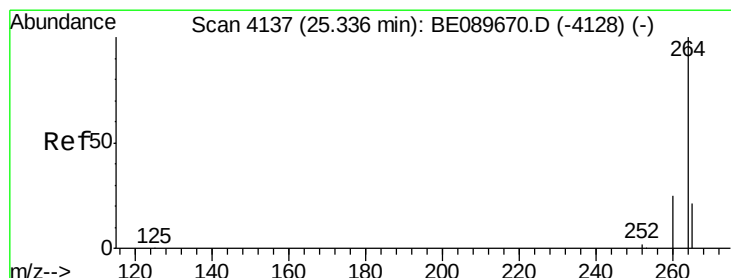
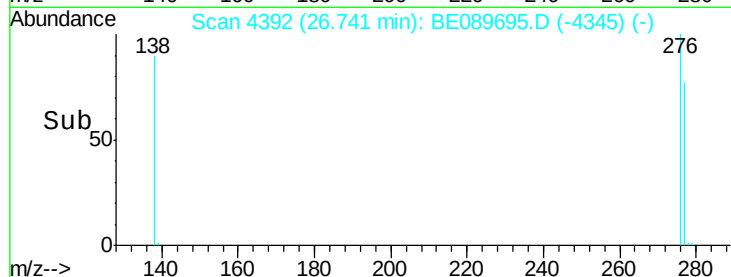
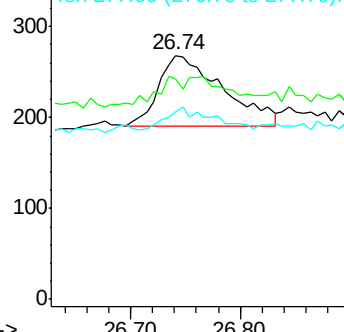
277 25.1 5.2 7.8#



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



#25

Perylene-d12

Concen: 5.00 ng

RT: 25.34 min Scan# 4136

Delta R.T. 0.00 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

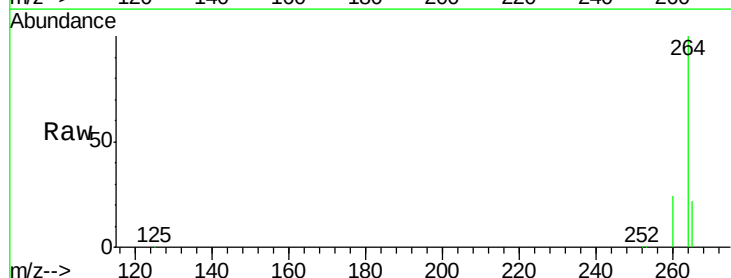
Tgt Ion:264 Resp: 112283

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.4

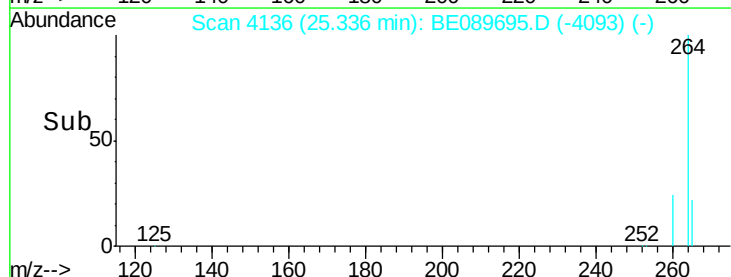
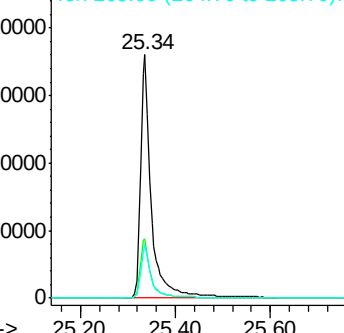
265 21.9 17.0 25.4

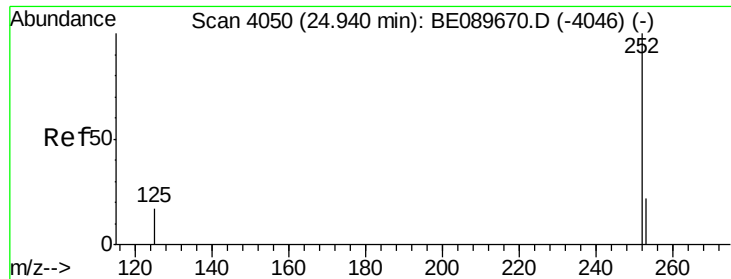


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#27

Benzo(k)fluoranthene

Concen: 0.07 ng

RT: 24.94 min Scan# 4048

Delta R.T. -0.00 min

Lab File: BE089695.D

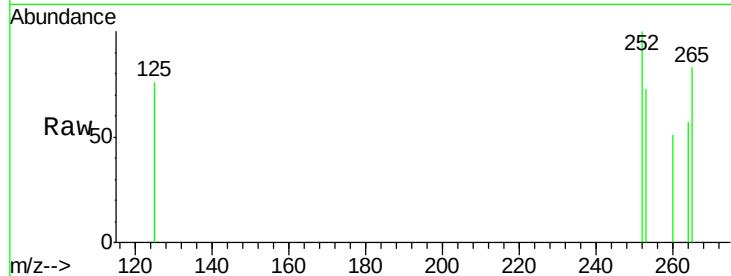
Acq: 26 Feb 2015 17:34

Instrument :

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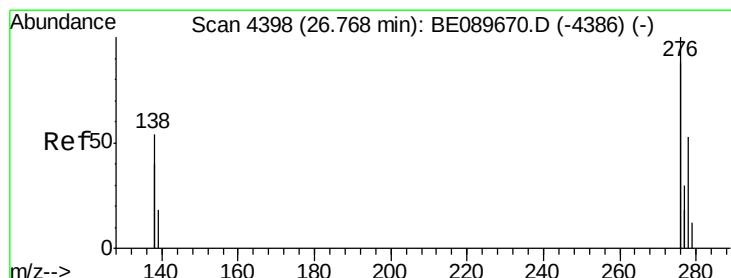
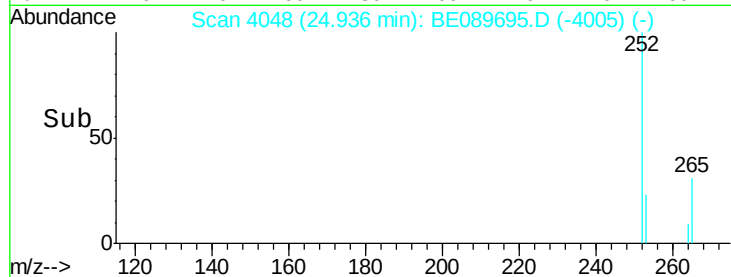
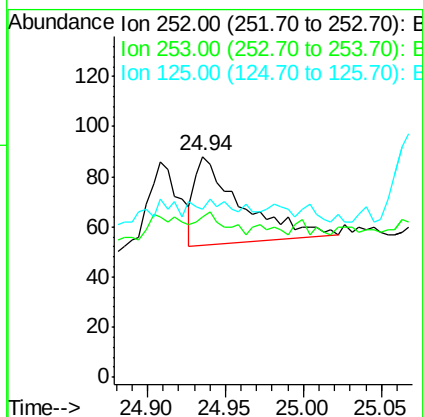
Tgt Ion: 252 Resp: 73

Ion Ratio Lower Upper

252 100

253 72.7 18.0 27.0#

125 76.1 14.3 21.5#



#29

Dibenzo(a,h)anthracene

Concen: 0.09 ng

RT: 26.78 min Scan# 4398

Delta R.T. 0.01 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

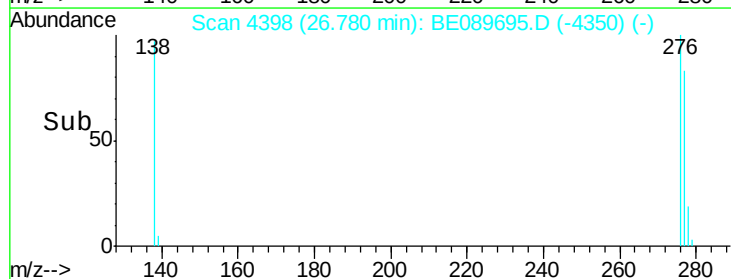
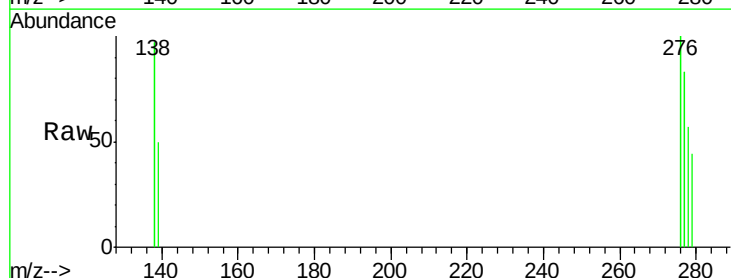
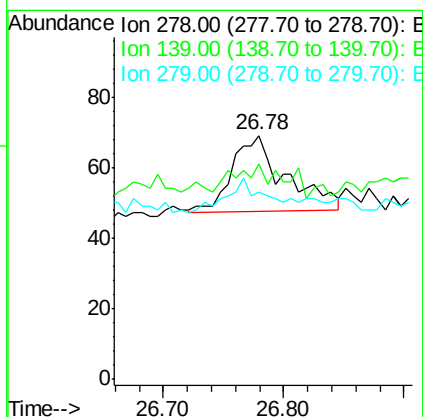
Tgt Ion: 278 Resp: 66

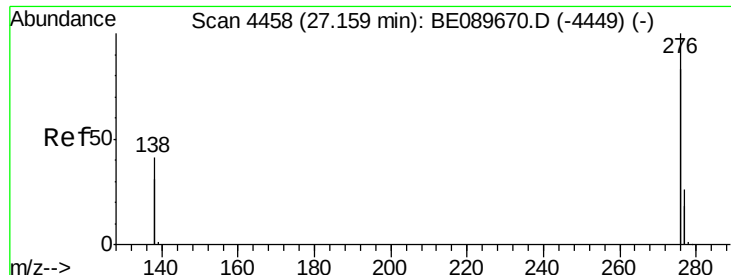
Ion Ratio Lower Upper

278 100

139 88.4 30.4 45.6#

279 76.8 22.0 33.0#





#30

Benzo(g,h,i)perylene

Concen: 0.09 ng

RT: 27.16 min Scan# 4456

Delta R.T. -0.00 min

Lab File: BE089695.D

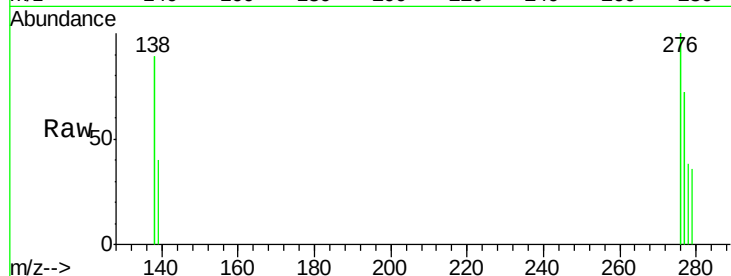
Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampleId :

PB81860BL



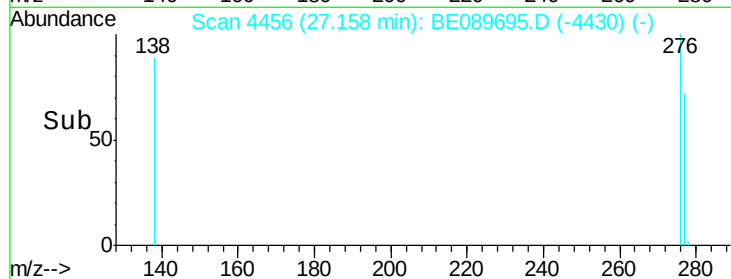
Tgt Ion: 276 Resp: 207

Ion Ratio Lower Upper

276 100

277 72.5 21.0 31.6#

138 89.1 33.0 49.4#



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

