

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089537.D
Acq On : 6 Feb 2015 21:41
Operator : TP/IZ
Sample : PB81591BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81591BL

Quant Time: Feb 09 09:02:34 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	28835	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	106036	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	37490	5.00	ng	0.00
11) Phenanthrene-d10	19.85	188	55628	5.00	ng	0.00
16) Chrysene-d12	23.72	240	60842	5.00	ng	0.00
22) Perylene-d12	25.41	264	77747	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	65286	9.27	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	94055	9.40	ng	0.00
18) Terphenyl-d14	22.36	244	73078	9.10	ng	0.00

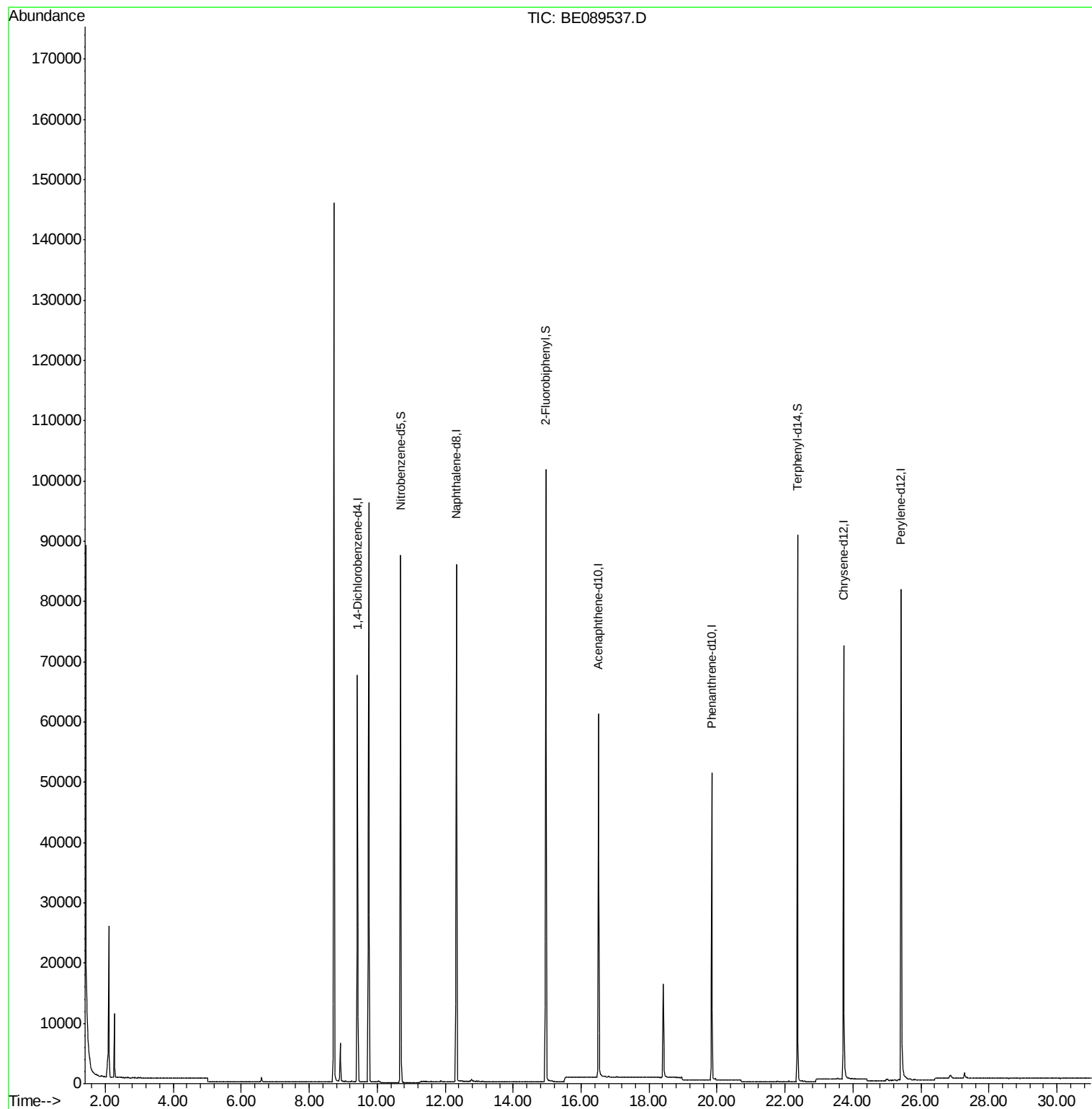
Target Compounds	Qvalue
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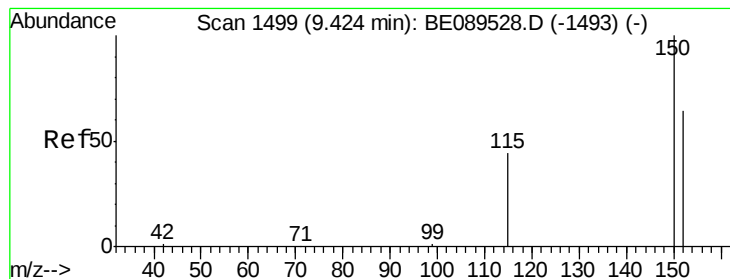
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089537.D

Acq: 6 Feb 2015 21:41

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BNA_E

ClientSampleId :

PB81591BL

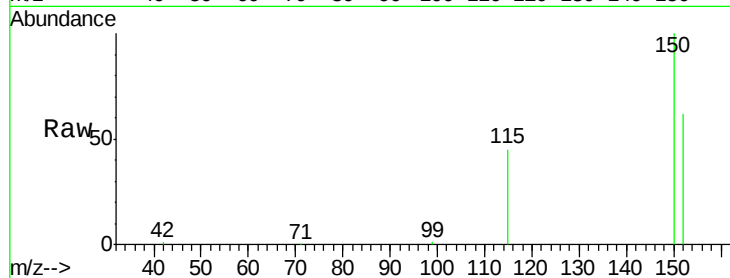
Tgt Ion:152 Resp: 28835

Ion Ratio Lower Upper

152 100

150 160.5 125.7 188.5

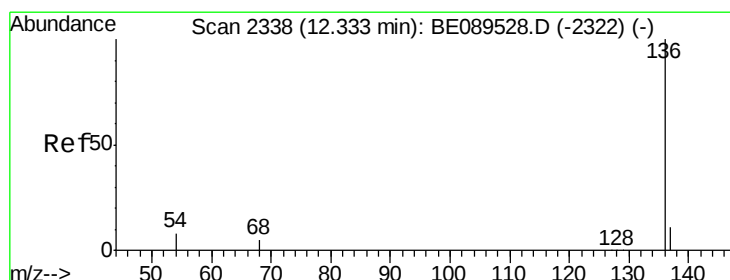
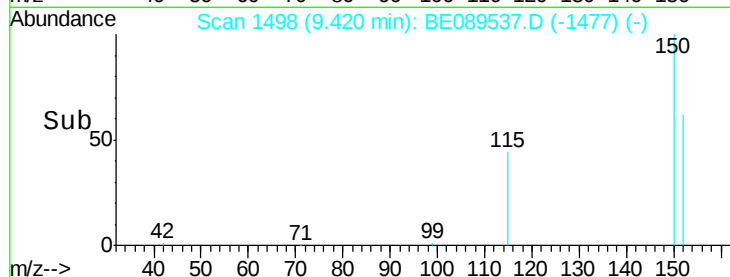
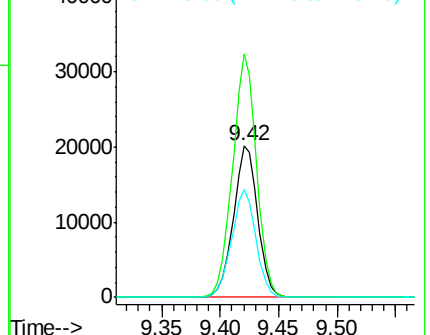
115 71.4 55.6 83.4



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# 2338

Delta R.T. -0.00 min

Lab File: BE089537.D

Acq: 6 Feb 2015 21:41

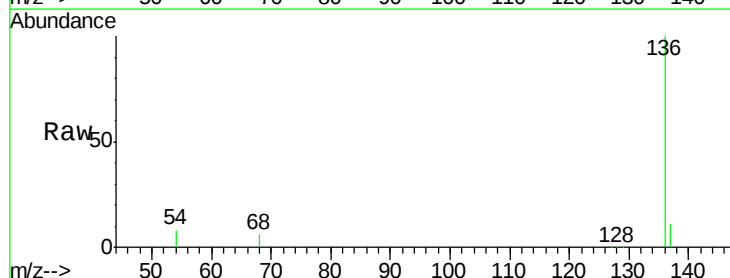
Tgt Ion:136 Resp: 106036

Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

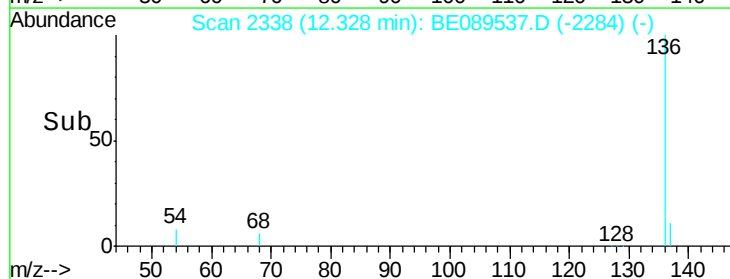
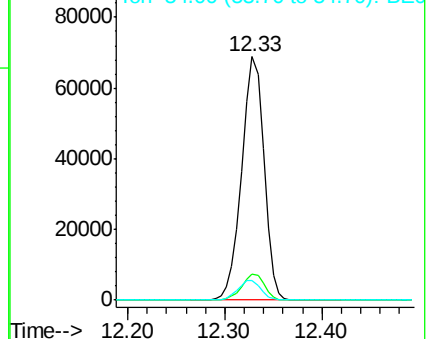
54 8.2 6.1 9.1

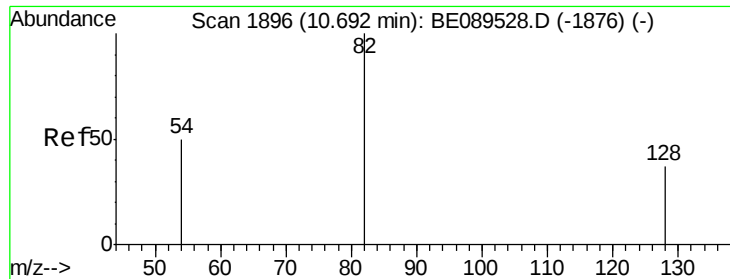


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#3

Nitrobenzene-d5

Concen: 9.27 ng

RT: 10.69 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE089537.D

Acq: 6 Feb 2015 21:41

Instrument :

BNA_E

ClientSampleId :

PB81591BL

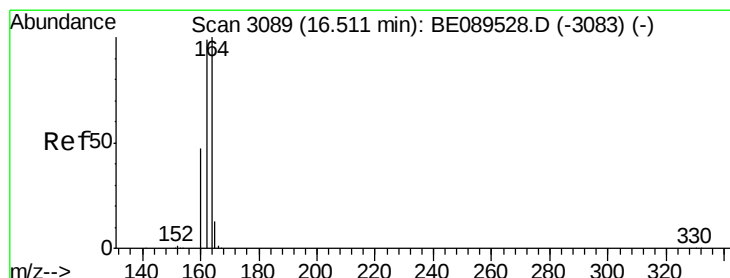
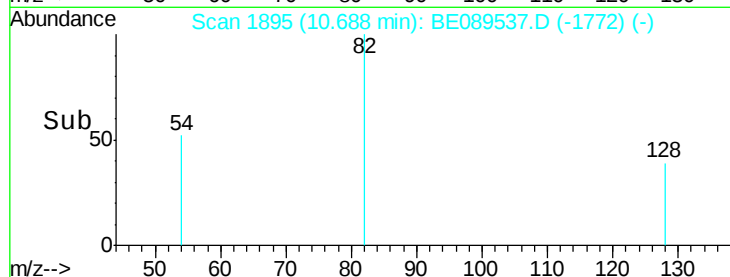
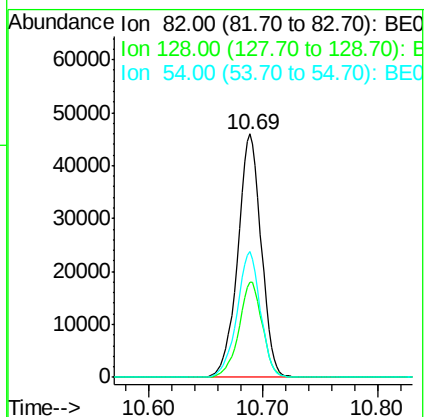
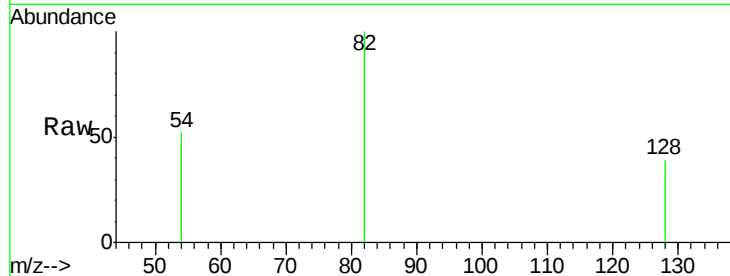
Tgt Ion: 82 Resp: 65286

Ion Ratio Lower Upper

82 100

128 39.2 30.2 45.4

54 51.6 40.6 60.8



#6

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.51 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BE089537.D

Acq: 6 Feb 2015 21:41

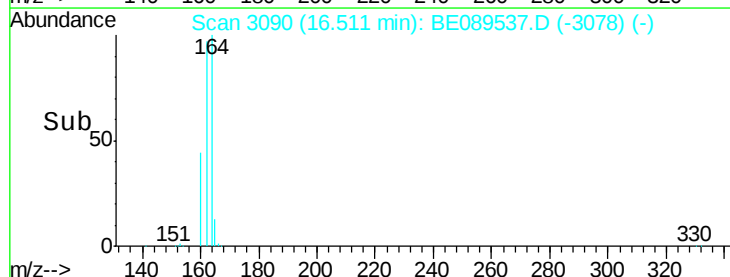
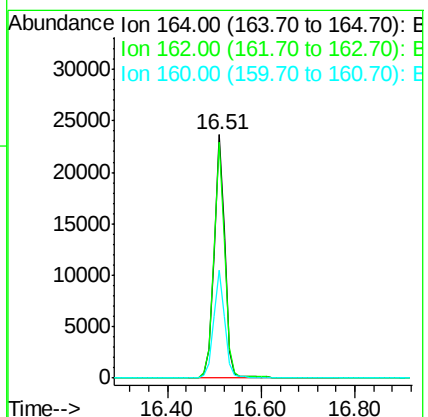
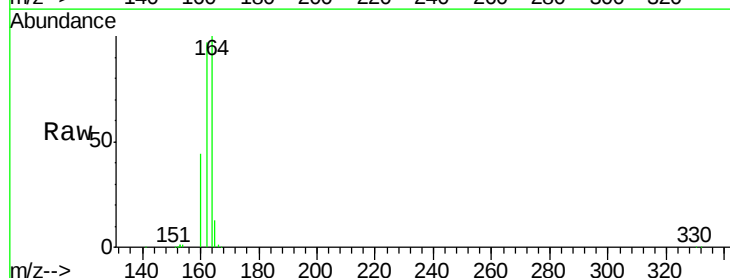
Tgt Ion: 164 Resp: 37490

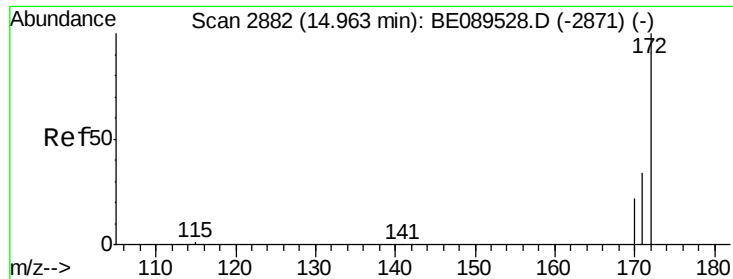
Ion Ratio Lower Upper

164 100

162 96.9 79.5 119.3

160 44.5 37.6 56.4





#7

2-Fluorobiphenyl

Concen: 9.40 ng

RT: 14.96 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BE089537.D

Acq: 6 Feb 2015 21:41

Instrument :

BNA_E

ClientSampleId :

PB81591BL

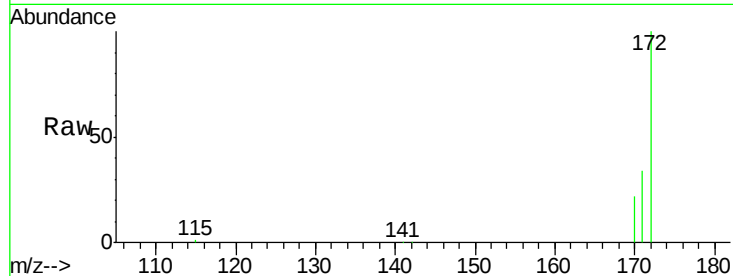
Tgt Ion:172 Resp: 94055

Ion Ratio Lower Upper

172 100

171 34.0 27.7 41.5

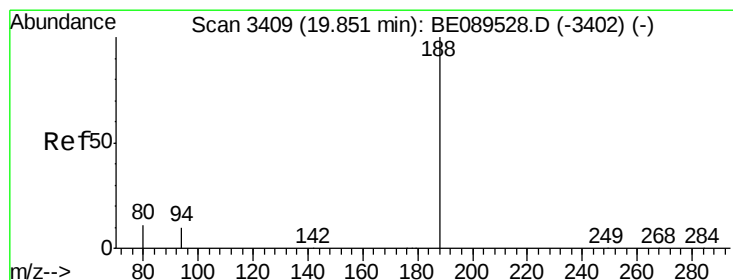
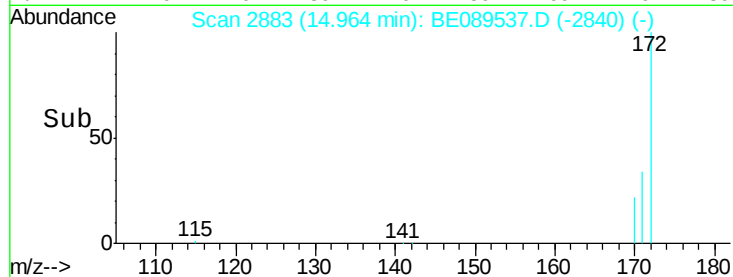
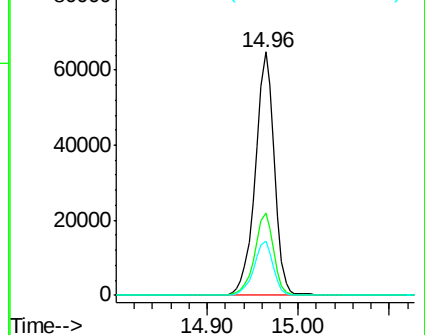
170 22.2 18.3 27.5



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



#11

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.85 min Scan# 3410

Delta R.T. 0.00 min

Lab File: BE089537.D

Acq: 6 Feb 2015 21:41

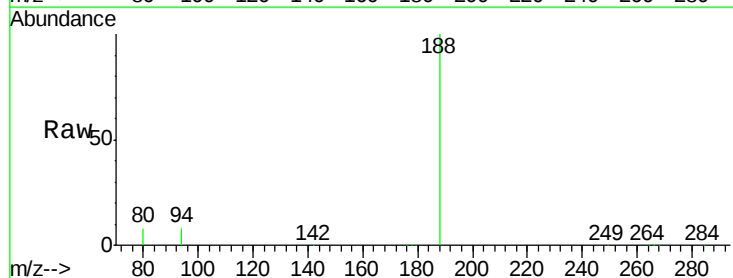
Tgt Ion:188 Resp: 55628

Ion Ratio Lower Upper

188 100

94 8.3 8.4 12.6#

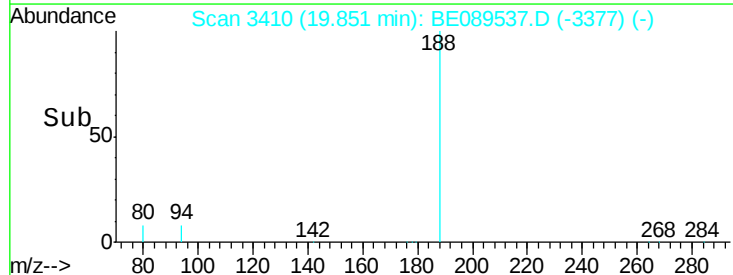
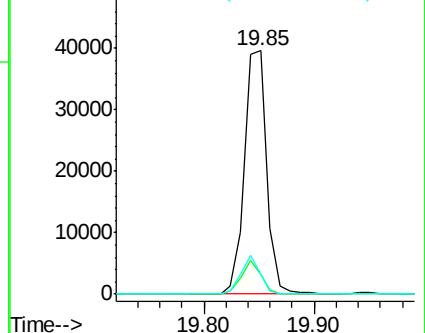
80 8.0 8.6 12.8#

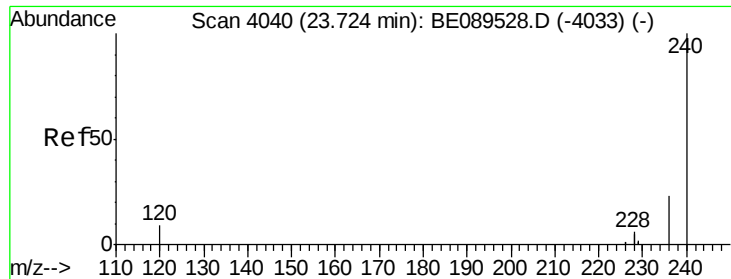


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

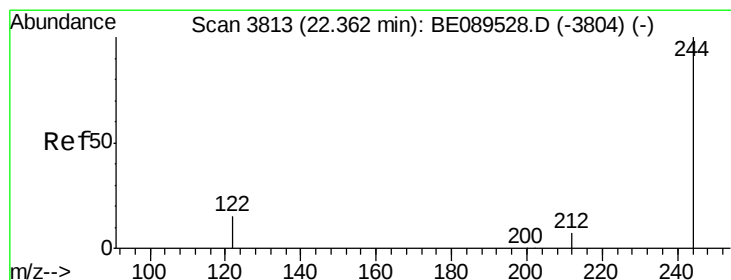
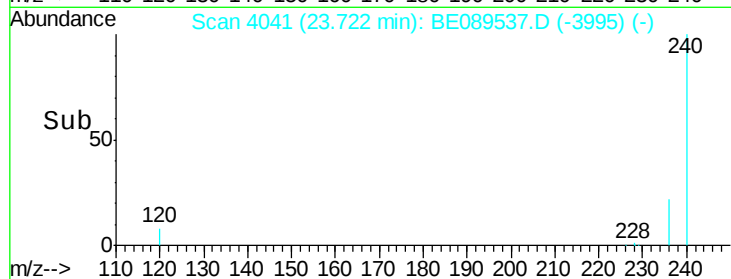
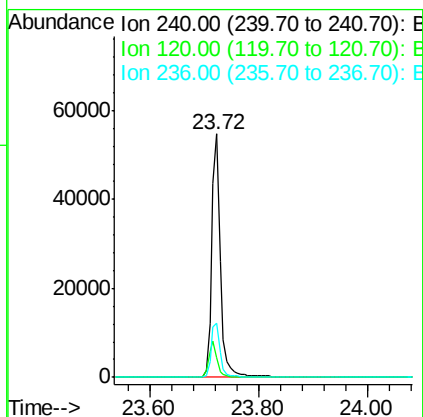
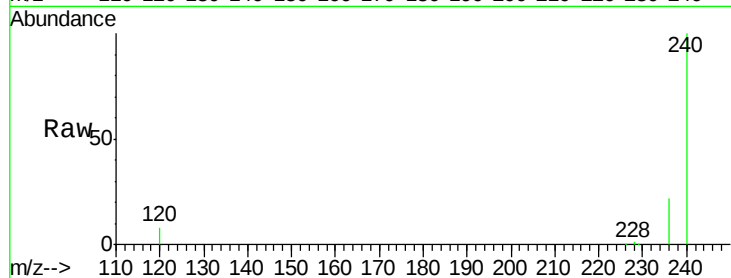




#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4041
Delta R.T. -0.00 min
Lab File: BE089537.D
Acq: 6 Feb 2015 21:41

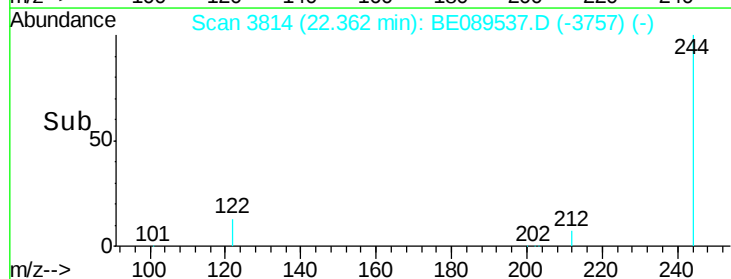
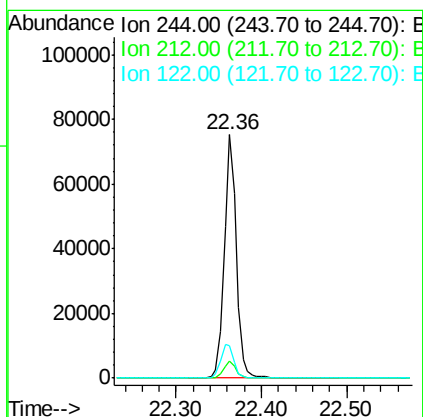
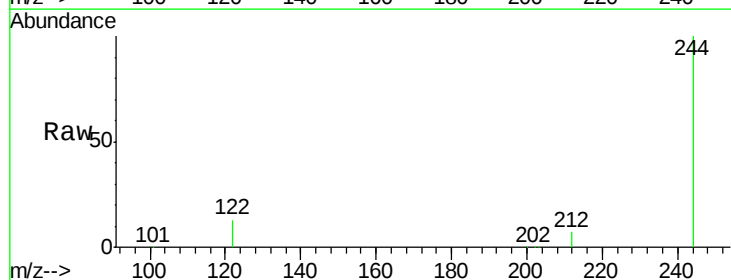
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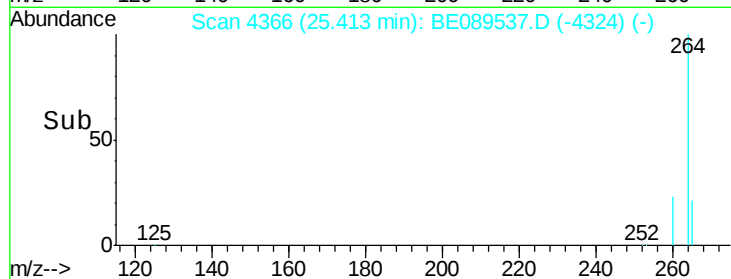
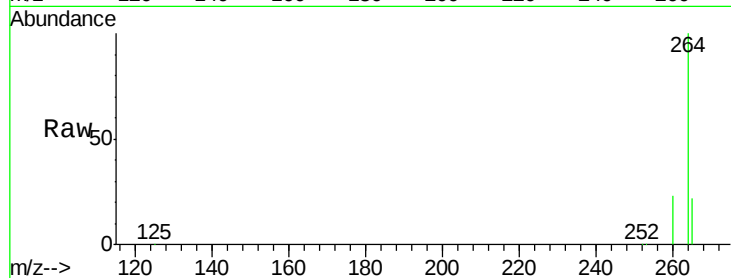
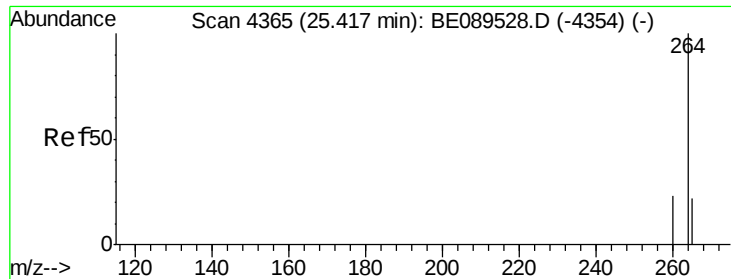
Tgt Ion:240 Resp: 60842
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 22.3 18.5 27.7



#18
Terphenyl-d14
Concen: 9.10 ng
RT: 22.36 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE089537.D
Acq: 6 Feb 2015 21:41

Tgt Ion:244 Resp: 73078
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.3 12.6 19.0





#22

Perylene-d12

Concen: 5.00 ng

RT: 25.41 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BE089537.D

Acq: 6 Feb 2015 21:41

Instrument :

BNA_E

ClientSampleId :

PB81591BL

Tgt Ion: 264 Resp: 77747

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.6 17.5 26.3

