

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021815\
Data File : BE089620.D
Acq On : 18 Feb 2015 16:17
Operator : TP/IZ
Sample : MDL-BLK-W
Misc : MDL-WATER-BLK
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-BLK-W

Quant Time: Feb 19 04:45:21 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 13:01:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	36859	5.00	ng	0.00
4) Naphthalene-d8	12.25	136	148025	5.00	ng	0.00
8) Acenaphthene-d10	16.42	164	74511	5.00	ng	0.00
13) Phenanthrene-d10	19.77	188	146762	5.00	ng	0.00
19) Chrysene-d12	23.66	240	135952	5.00	ng	0.00
25) Perylene-d12	25.34	264	109030	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.61	82	70456	10.95	ng	0.00
9) 2-Fluorobiphenyl	14.88	172	194556	9.75	ng	0.00
21) Terphenyl-d14	22.31	244	225944	11.56	ng	0.00

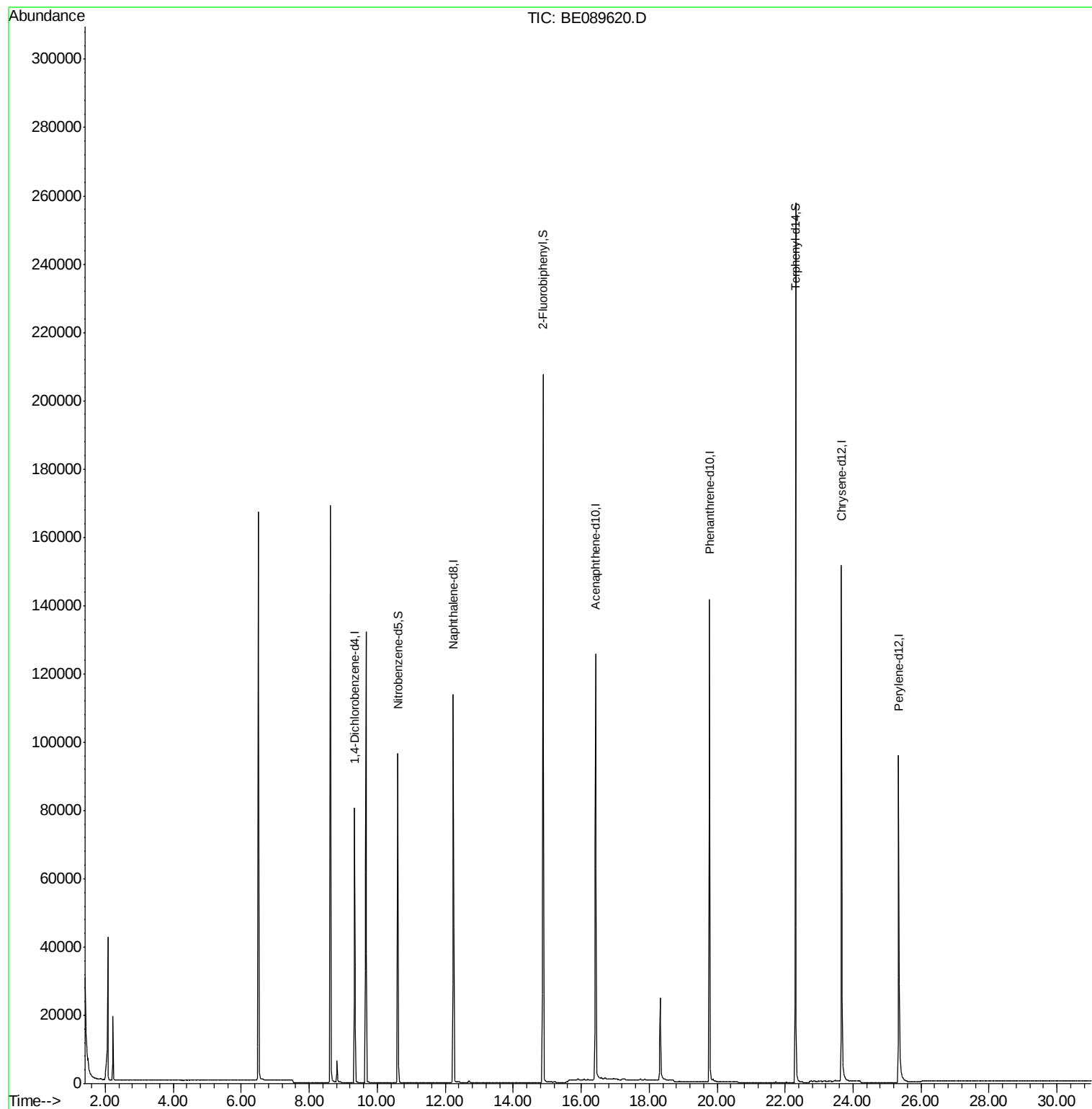
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1299

Delta R.T. -0.00 min

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Acq: 18 Feb 2015 16:17

Instrument :

BNA_E

ClientSampleId :

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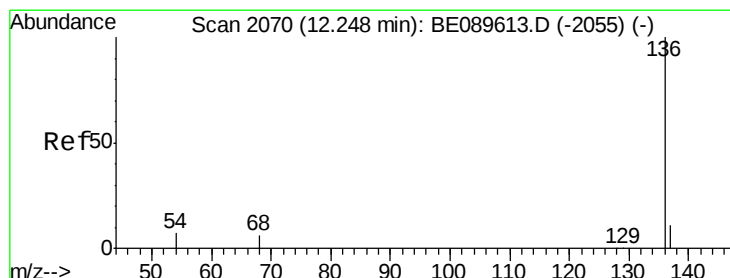
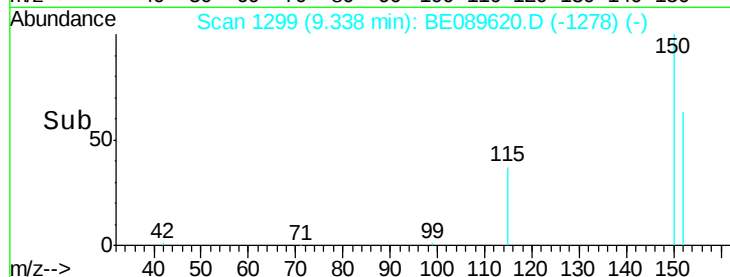
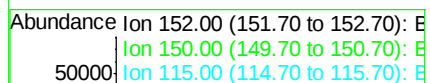
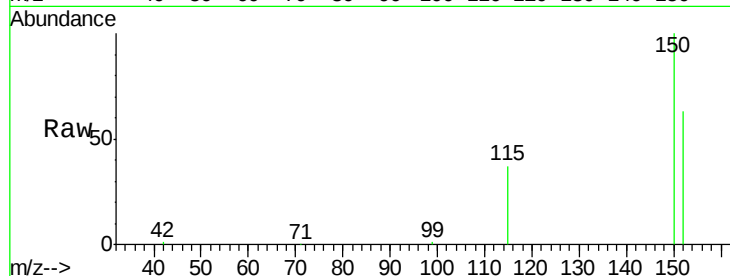
Tgt Ion:152 Resp: 36859

Ion Ratio Lower Upper

152 100

150 159.1 122.4 183.6

115 58.4 44.2 66.2



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 12.25 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

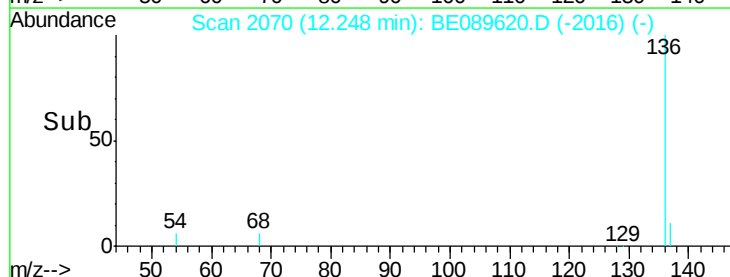
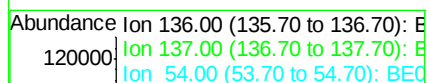
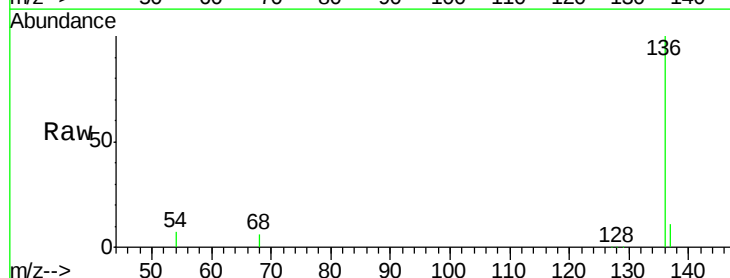
Tgt Ion:136 Resp: 148025

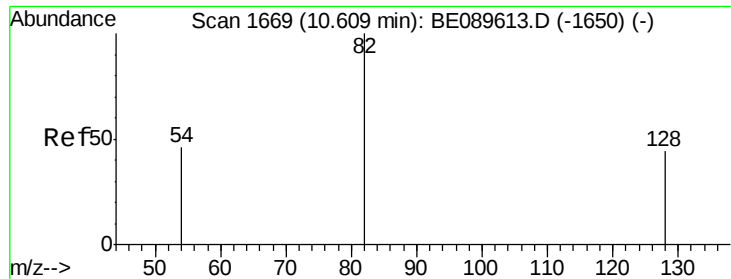
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 5.3 7.9





#5

Nitrobenzene-d5

Concen: 10.95 ng

RT: 10.61 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

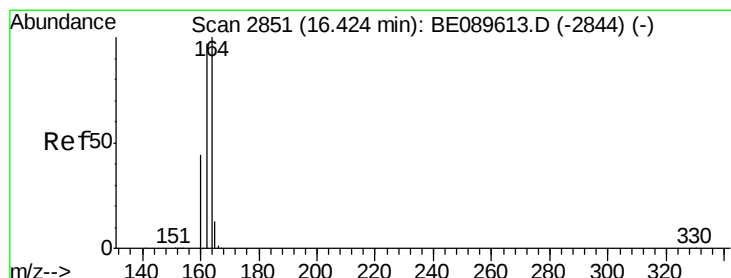
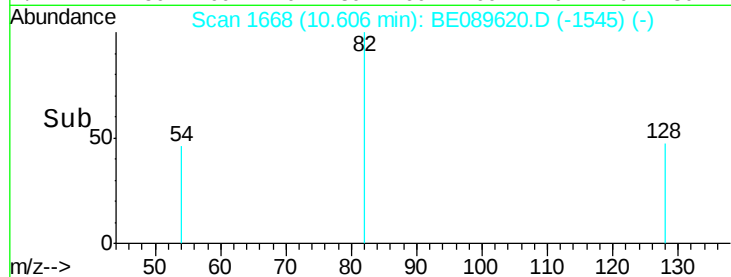
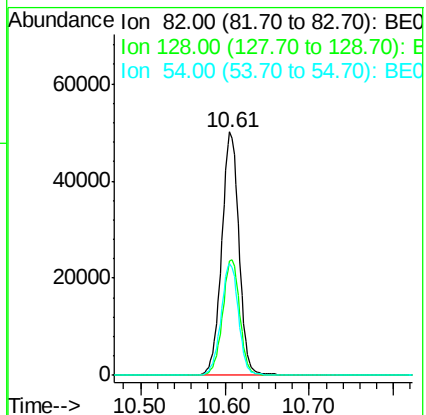
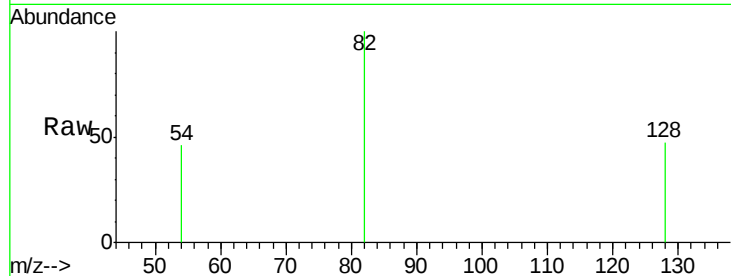
Tgt Ion: 82 Resp: 70456

Ion Ratio Lower Upper

82 100

128 47.0 35.5 53.3

54 45.8 37.5 56.3



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.42 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

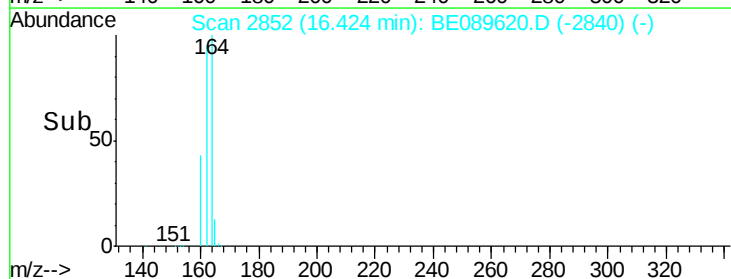
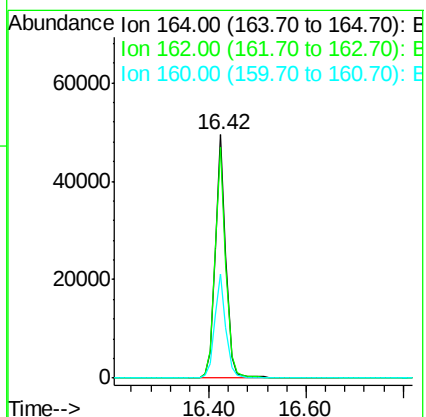
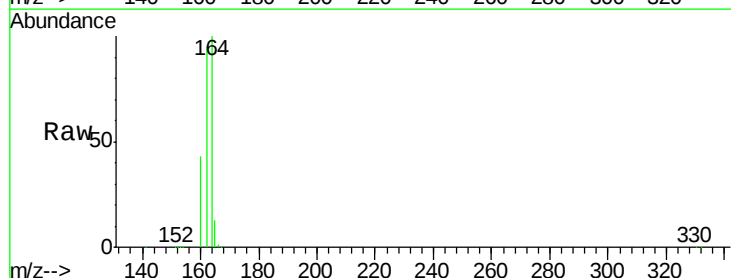
Tgt Ion: 164 Resp: 74511

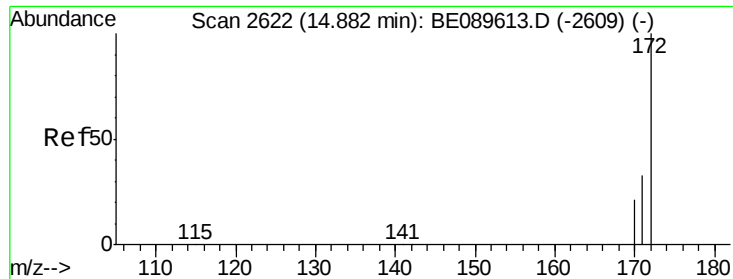
Ion Ratio Lower Upper

164 100

162 94.7 77.5 116.3

160 42.8 35.5 53.3





#9

2-Fluorobiphenyl

Concen: 9.75 ng

RT: 14.88 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

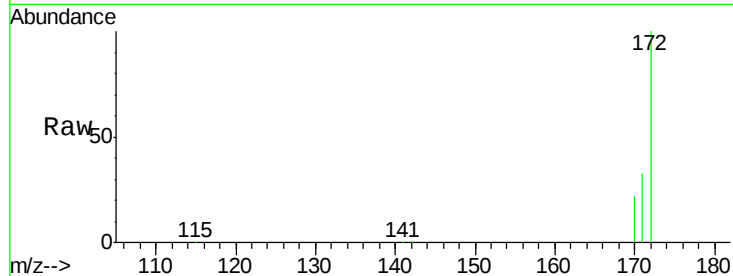
Tgt Ion:172 Resp: 194556

Ion Ratio Lower Upper

172 100

171 33.5 26.9 40.3

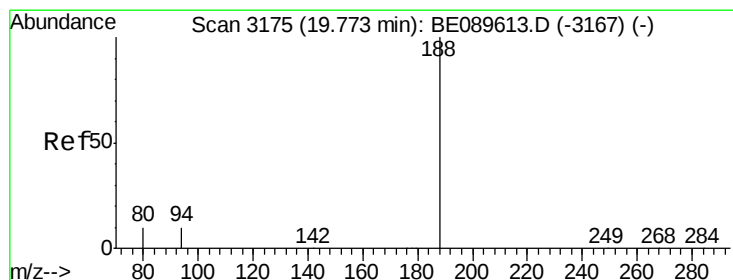
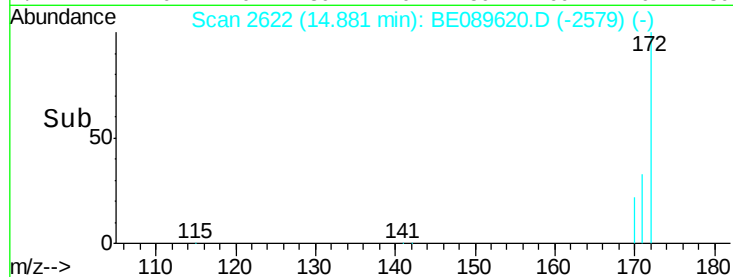
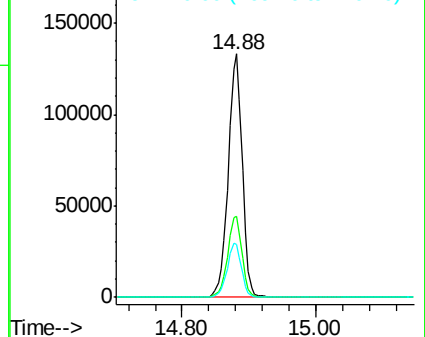
170 22.0 17.4 26.0



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



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.77 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

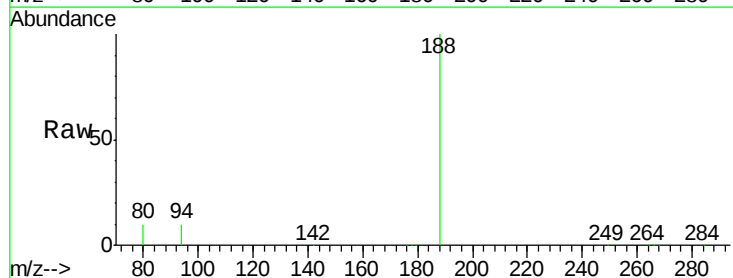
Tgt Ion:188 Resp: 146762

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

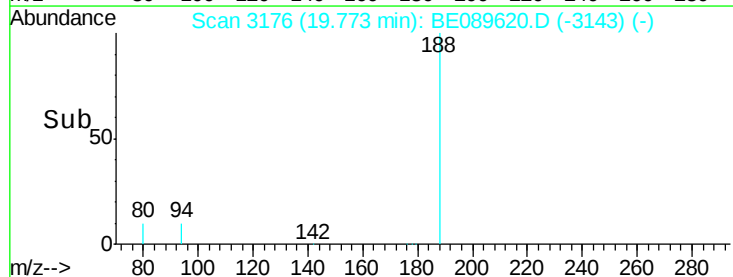
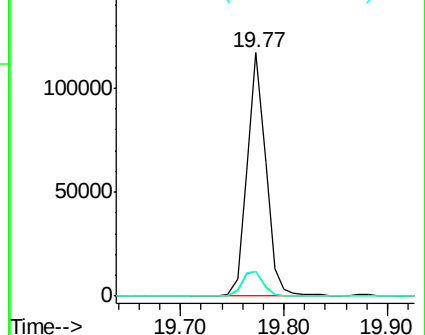
80 10.3 8.1 12.1

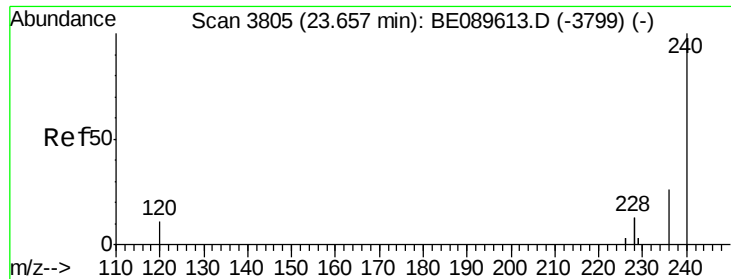


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Chrysene-d12

Concen: 5.00 ng

RT: 23.66 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

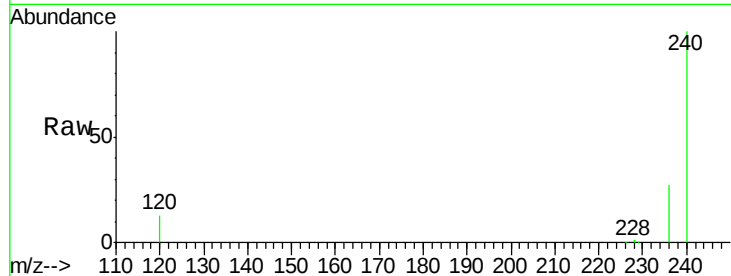
Tgt Ion:240 Resp: 135952

Ion Ratio Lower Upper

240 100

120 13.4 9.0 13.4

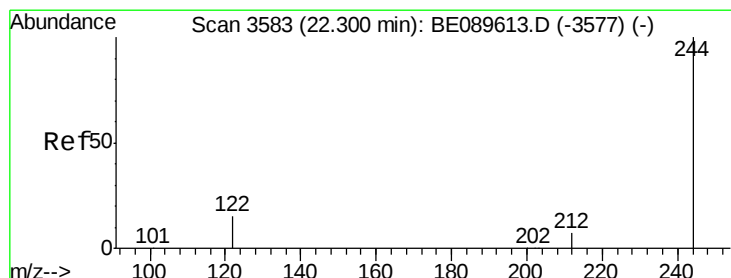
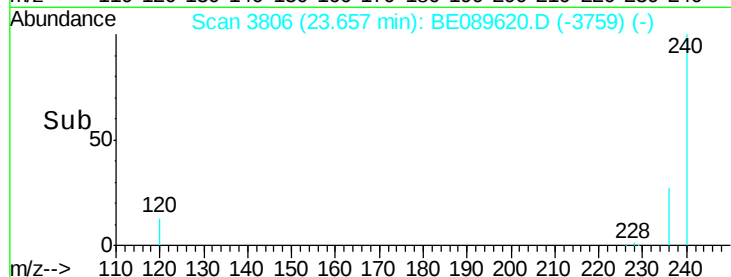
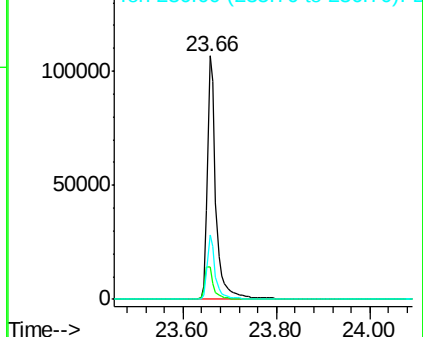
236 26.6 21.0 31.6



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: 11.56 ng

RT: 22.31 min Scan# 3585

Delta R.T. 0.01 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

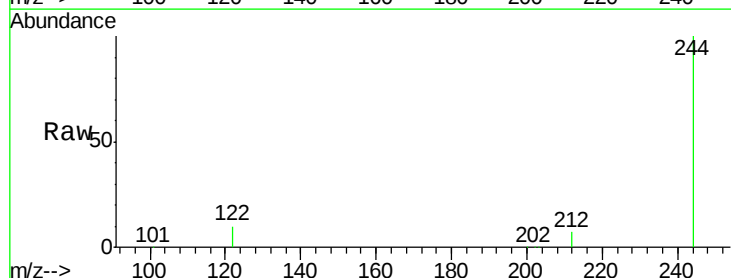
Tgt Ion:244 Resp: 225944

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

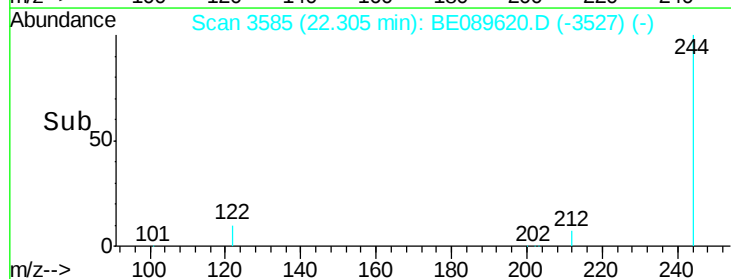
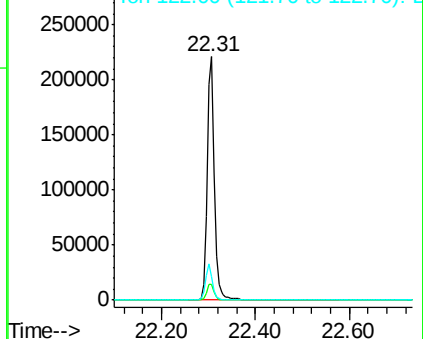
122 9.6 11.8 17.8#

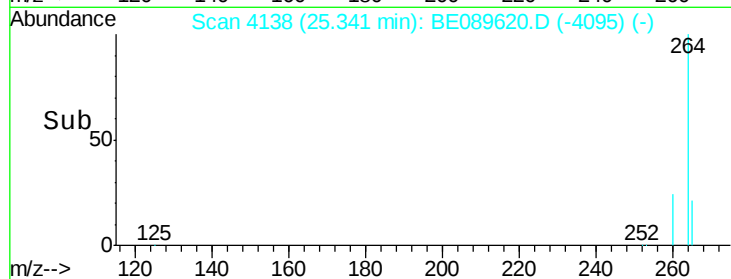
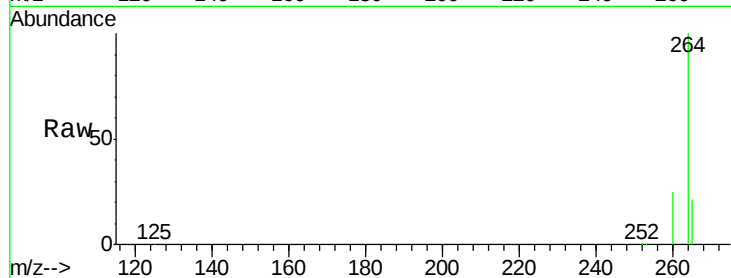
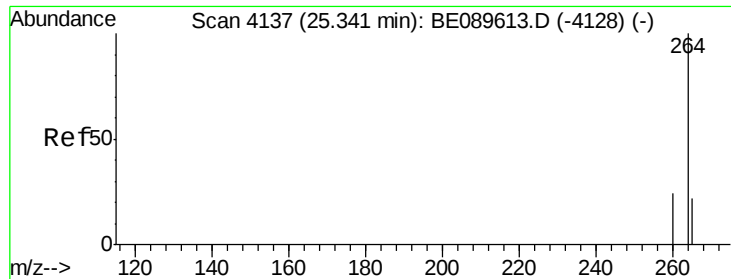


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.34 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BE089620.D

Acq: 18 Feb 2015 16:17

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

Tgt Ion: 264 Resp: 109030

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.0 17.4 26.0

