

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102714\
Data File : BE088326.D
Acq On : 27 Oct 2014 22:29
Operator : TP/JJ
Sample : PB79870BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB79870BL

Quant Time: Oct 28 02:06:52 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 28 01:58:22 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	33552	5.00	ng	0.00
3) Naphthalene-d8	8.67	136	128672	5.00	ng	0.00
7) Acenaphthene-d10	10.81	164	61796	5.00	ng	0.00
12) Phenanthrene-d10	12.93	188	119103	5.00	ng	0.00
16) Chrysene-d12	18.34	240	67817	5.00	ng	0.00
22) Perylene-d12	21.40	264	63092	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Nitrobenzene-d5	7.79	82	76793	7.92	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	131697	8.09	ng	0.00
18) Terphenyl-d14	16.10	244	102989	8.13	ng	0.00

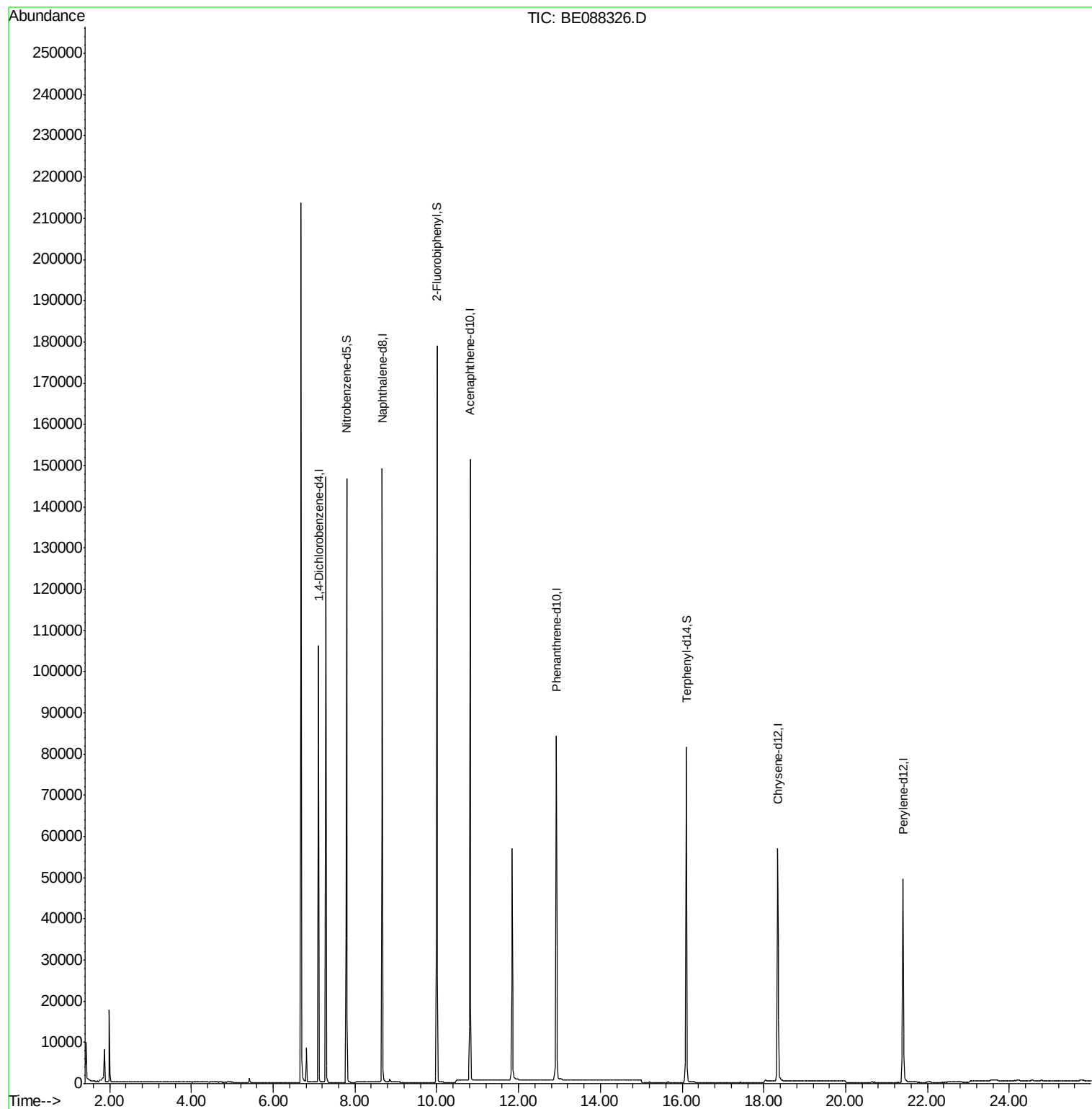
Target Compounds	Qvalue
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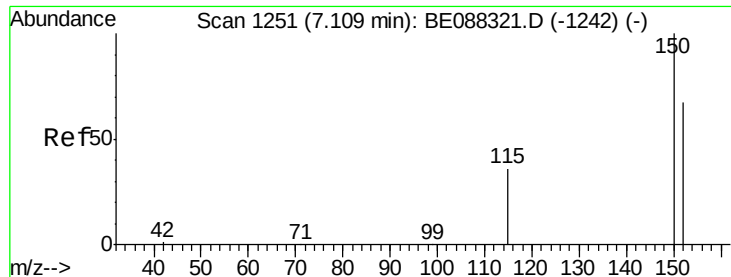
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.11 min Scan# 1250

Delta R.T. -0.00 min

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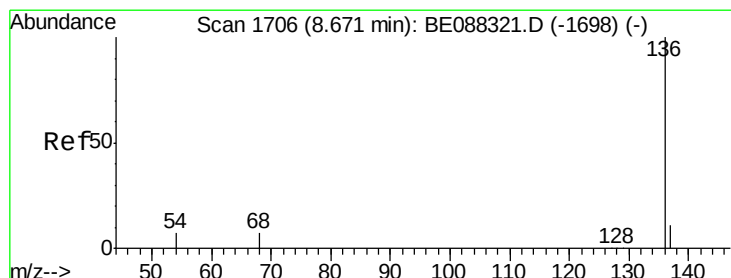
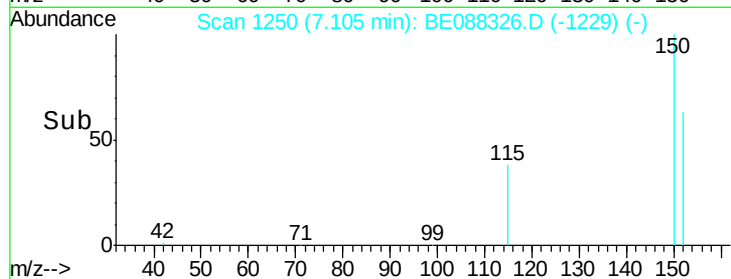
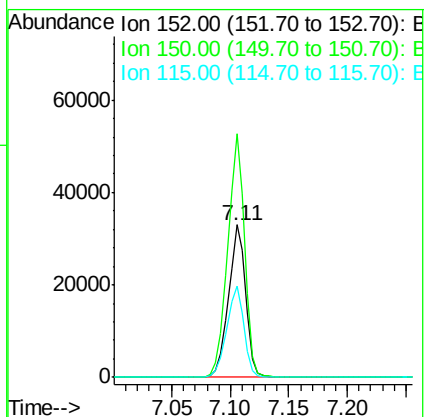
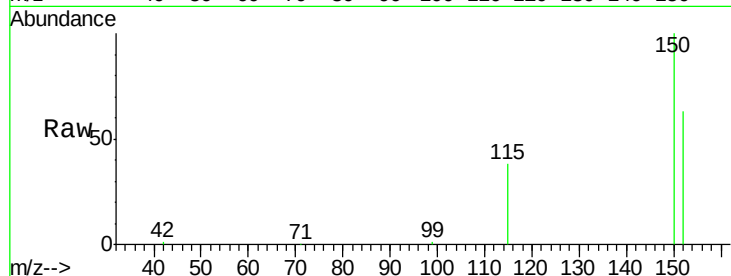
Tgt Ion:152 Resp: 33552

Ion Ratio Lower Upper

152 100

150 159.5 119.3 178.9

115 60.0 42.6 64.0



#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.67 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BE088326.D

Acq: 27 Oct 2014 22:29

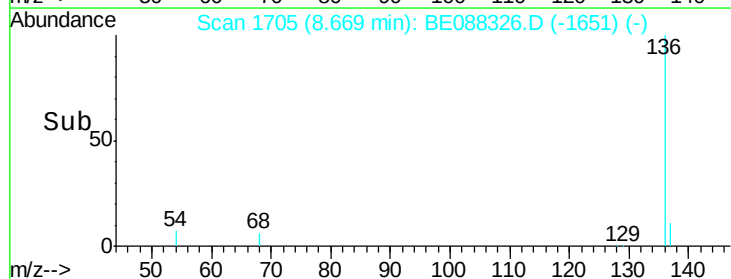
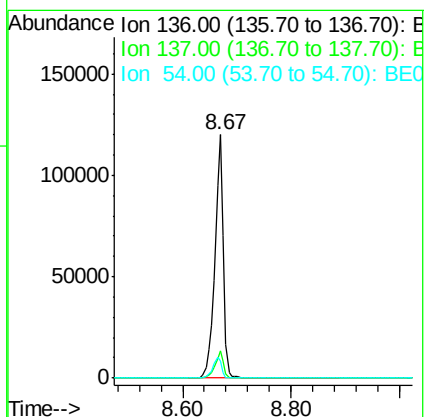
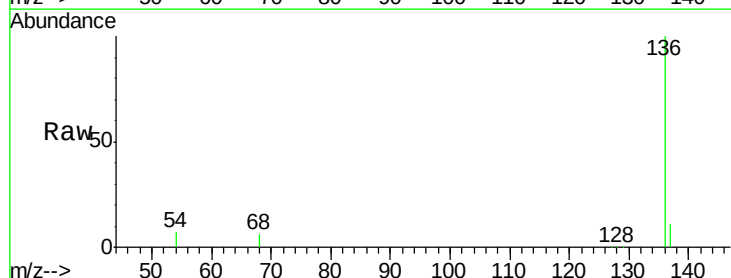
Tgt Ion:136 Resp: 128672

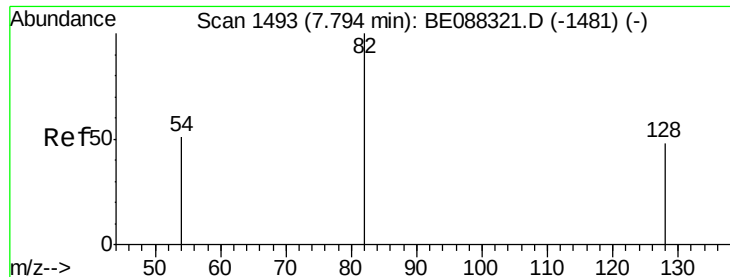
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.8 5.5 8.3





#4

Nitrobenzene-d5

Concen: 7.92 ng

RT: 7.79 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE088326.D

Acq: 27 Oct 2014 22:29

Instrument :

BNA_E

ClientSampleId :

PB79870BL

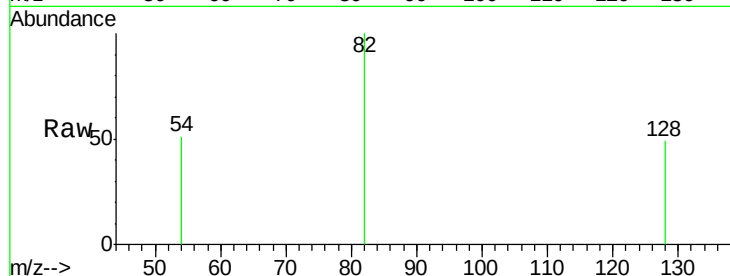
Tgt Ion: 82 Resp: 76793

Ion Ratio Lower Upper

82 100

128 48.6 38.7 58.1

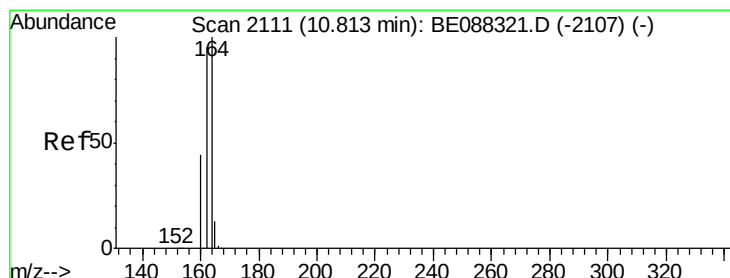
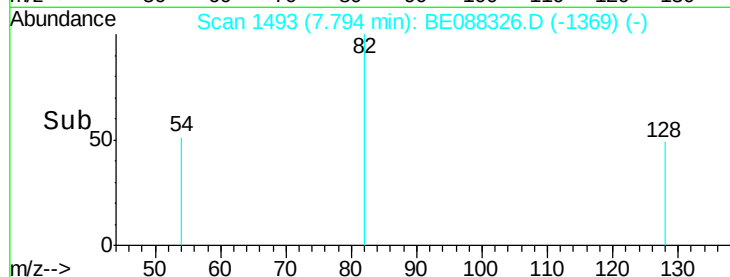
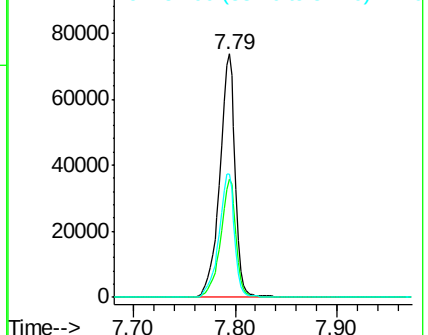
54 50.8 41.0 61.4



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

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.81 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BE088326.D

Acq: 27 Oct 2014 22:29

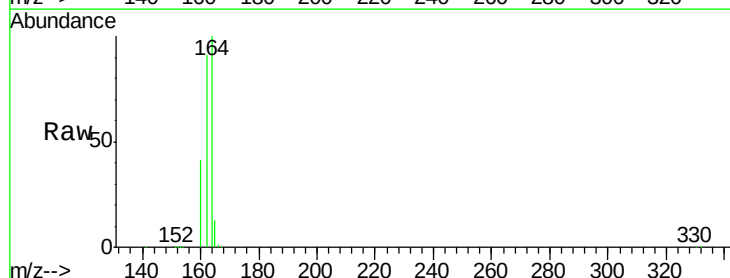
Tgt Ion: 164 Resp: 61796

Ion Ratio Lower Upper

164 100

162 91.2 75.7 113.5

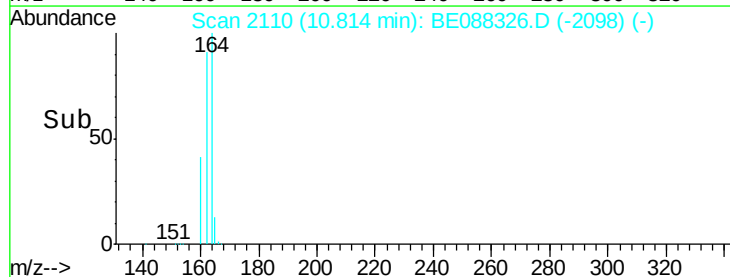
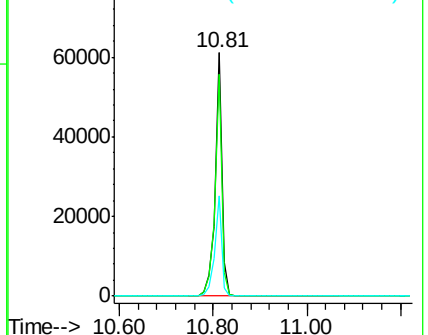
160 41.2 35.6 53.4

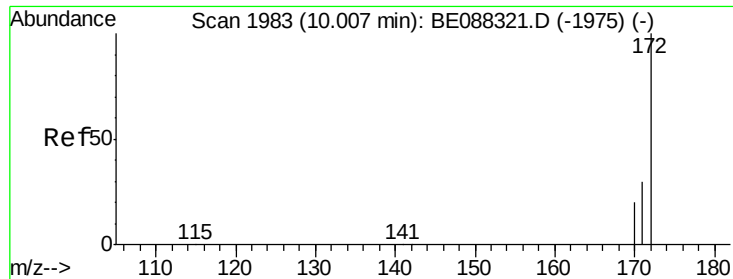


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#8

2-Fluorobiphenyl

Concen: 8.09 ng

RT: 10.01 min Scan# 1982

Delta R.T. 0.00 min

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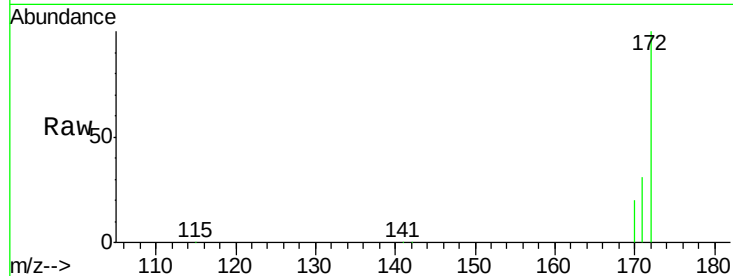
Tgt Ion:172 Resp: 131697

Ion Ratio Lower Upper

172 100

171 30.6 24.5 36.7

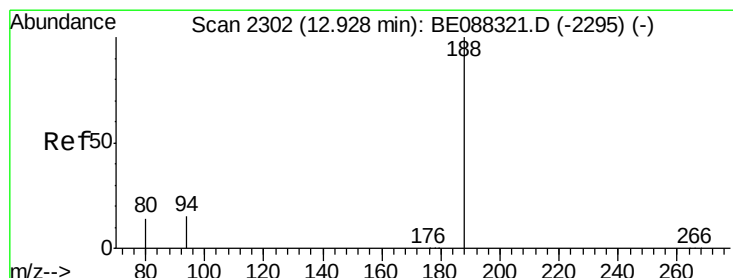
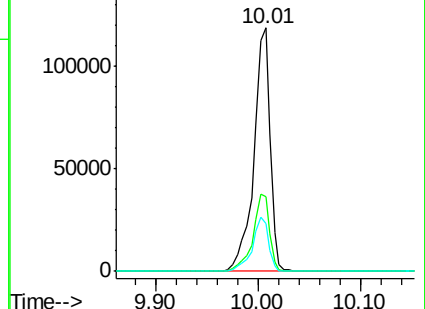
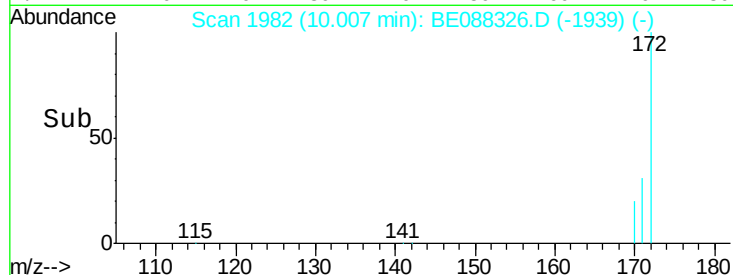
170 19.7 15.8 23.6



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

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.93 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BE088326.D

Acq: 27 Oct 2014 22:29

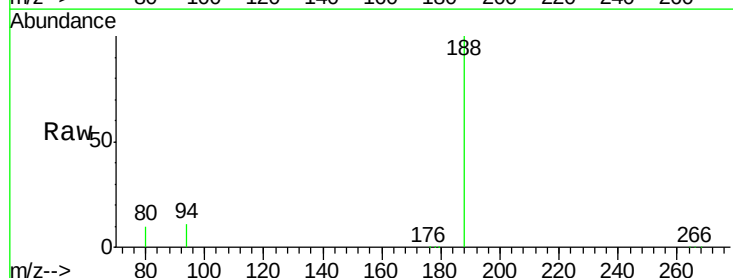
Tgt Ion:188 Resp: 119103

Ion Ratio Lower Upper

188 100

94 11.5 12.0 18.0#

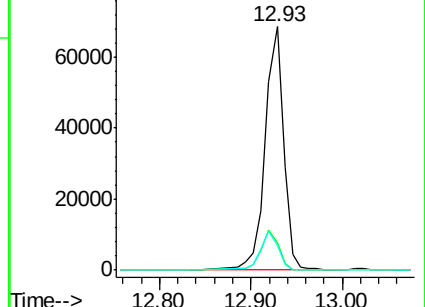
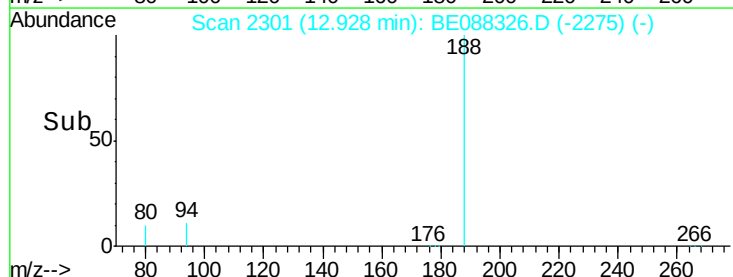
80 10.1 11.3 16.9#

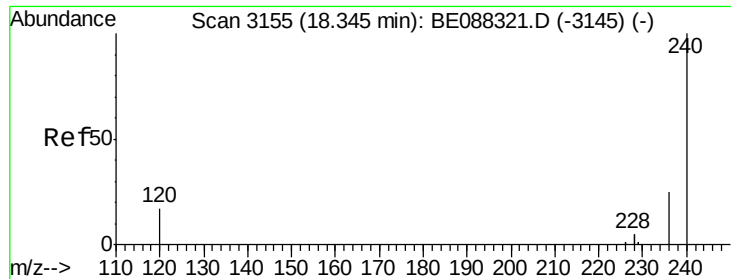


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.34 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE088326.D

Acq: 27 Oct 2014 22:29

Instrument :

BNA_E

ClientSampleId :

PB79870BL

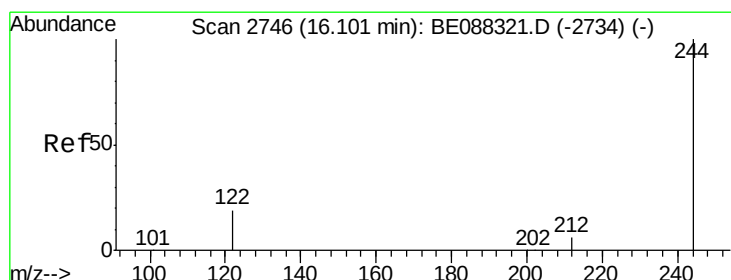
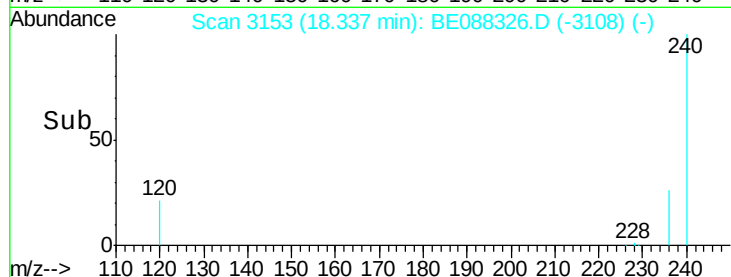
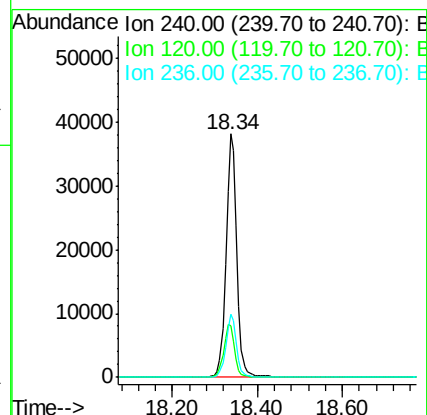
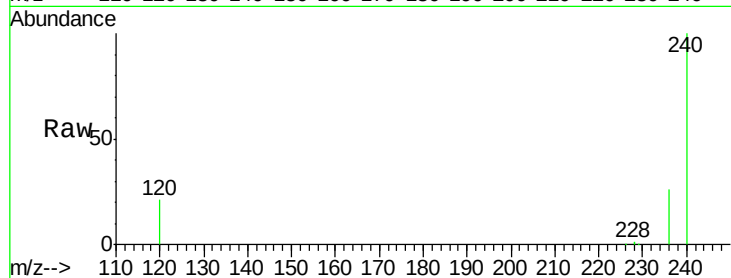
Tgt Ion:240 Resp: 67817

Ion Ratio Lower Upper

240 100

120 21.1 13.4 20.0#

236 25.7 20.0 30.0



#18

Terphenyl-d14

Concen: 8.13 ng

RT: 16.10 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BE088326.D

Acq: 27 Oct 2014 22:29

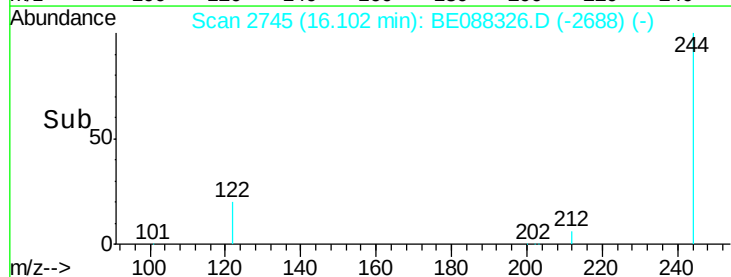
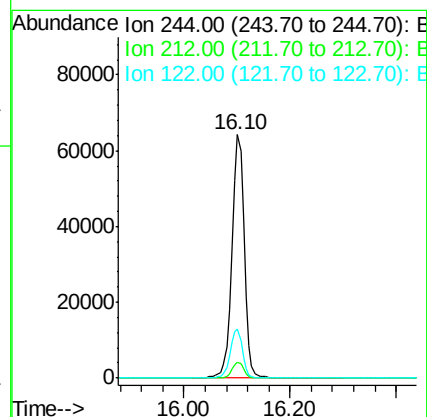
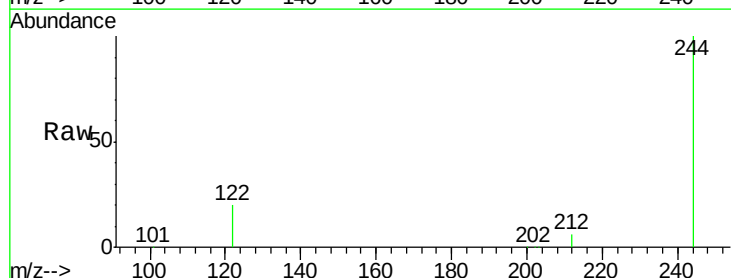
Tgt Ion:244 Resp: 102989

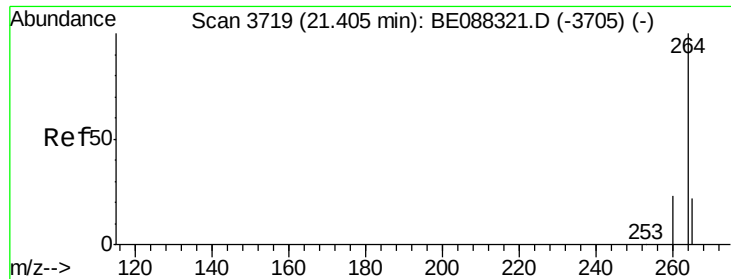
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 19.9 15.8 23.8

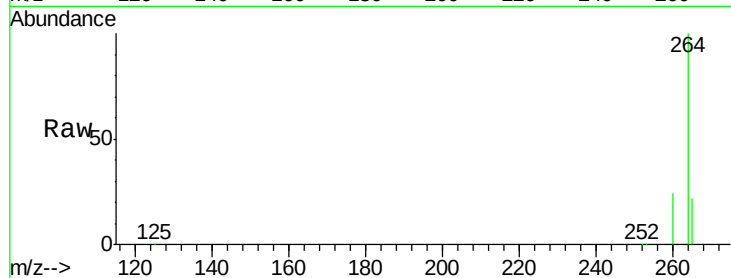




#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BE088326.D
Acq: 27 Oct 2014 22:29

Instrument :
BNA_E
ClientSampleId :
PB79870BL

Tgt Ion: 264 Resp: 63092
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.9 17.4 26.0



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

