

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
 Data File : BE089345.D
 Acq On : 8 Jan 2015 00:52
 Operator : TP/IZ
 Sample : PB81202BL
 Misc : LOD/LOQ-WATER-SIM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB81202BL

Quant Time: Jan 08 15:36:46 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 15:21:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	18629	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	72216	5.00	ng	0.00
6) Acenaphthene-d10	10.65	164	34309	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	51448	5.00	ng	0.00
15) Chrysene-d12	18.07	240	38436	5.00	ng	0.00
21) Perylene-d12	21.12	264	33411	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.64	82	34770	6.92	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	58533	6.26	ng	0.00
17) Terphenyl-d14	15.85	244	45504	6.69	ng	0.00

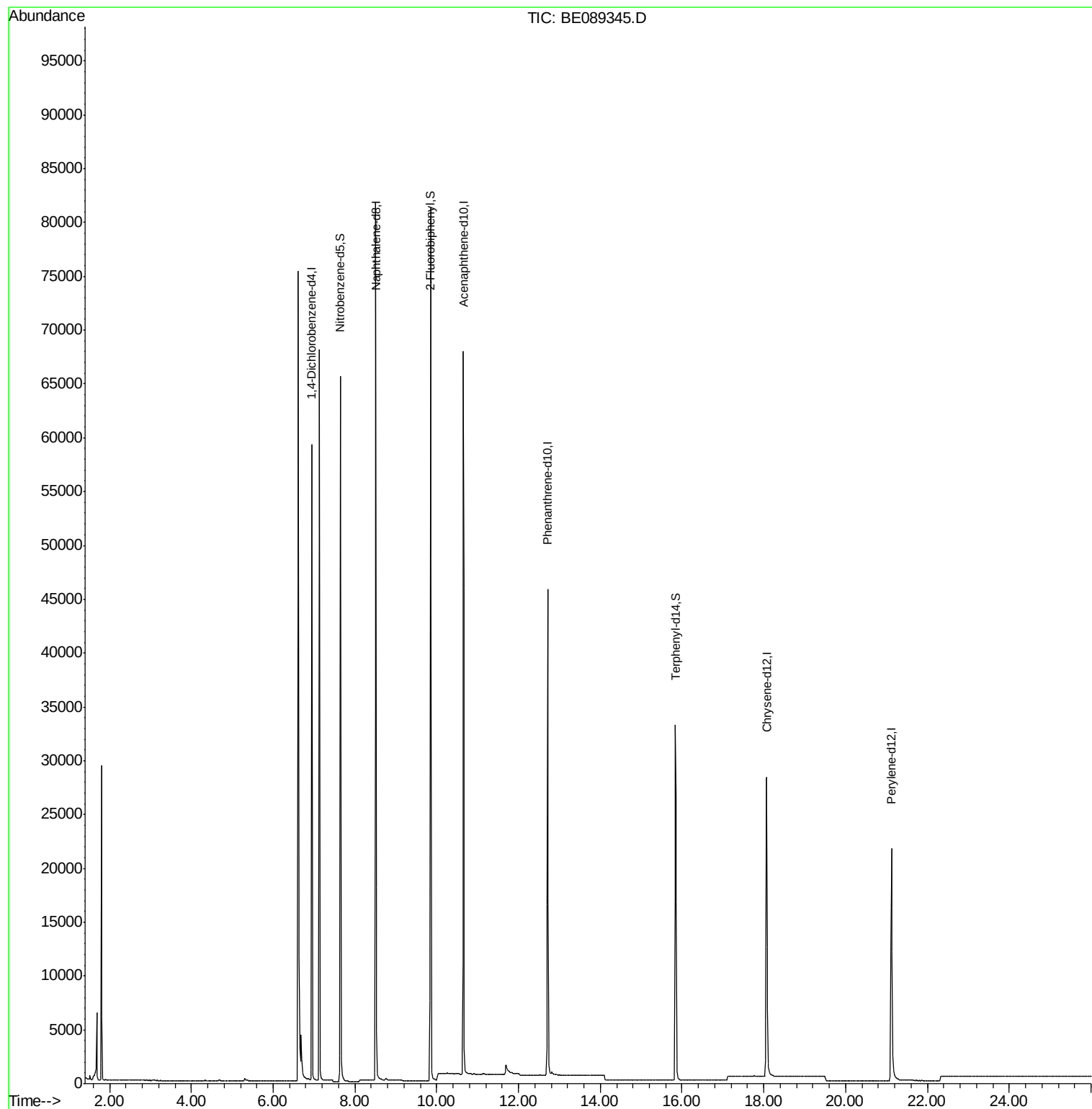
Target Compounds	Qvalue
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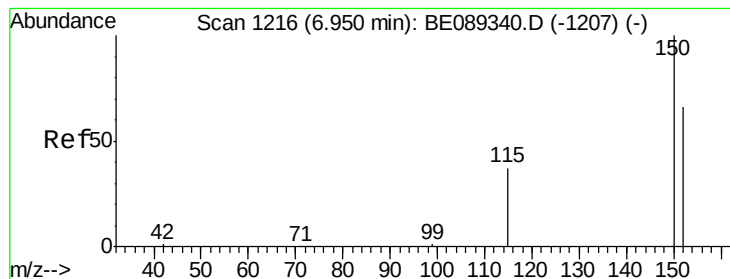
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 1215

Delta R.T. -0.00 min

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BNA_E

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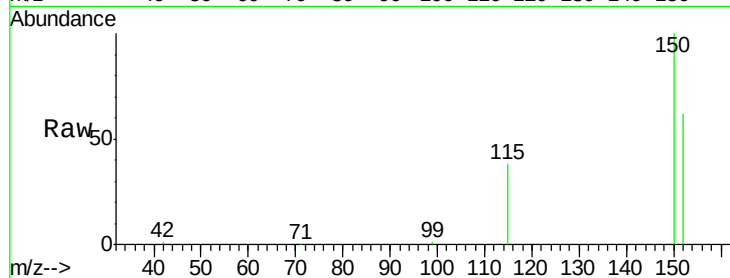
Tgt Ion:152 Resp: 18629

Ion Ratio Lower Upper

152 100

150 161.5 121.5 182.3

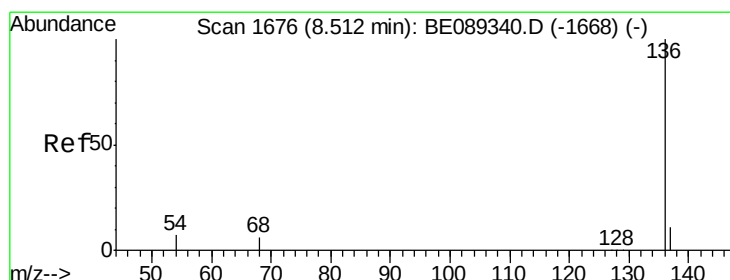
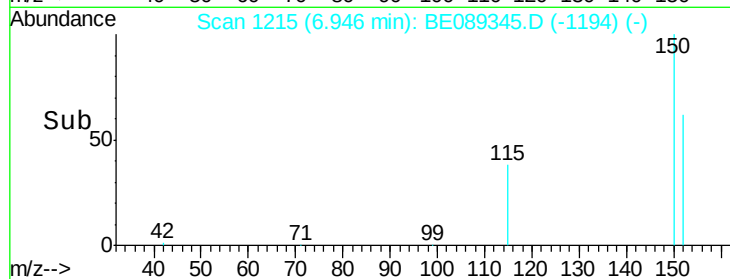
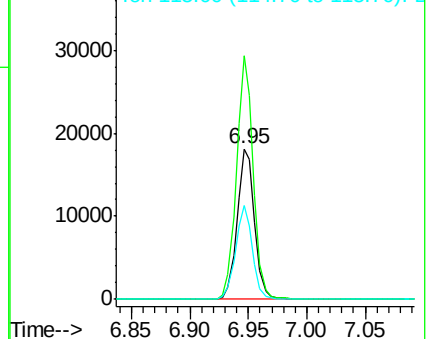
115 62.2 45.2 67.8



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: 8.51 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BE089345.D

Acq: 8 Jan 2015 00:52

Tgt Ion:136 Resp: 72216

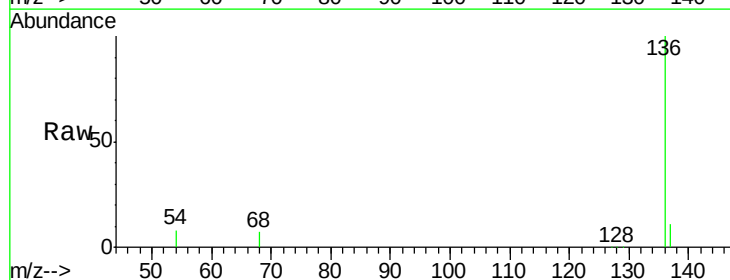
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.6 5.4 8.0

68 6.6 4.7 7.1

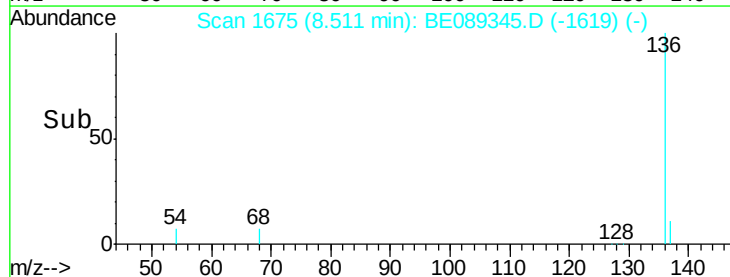
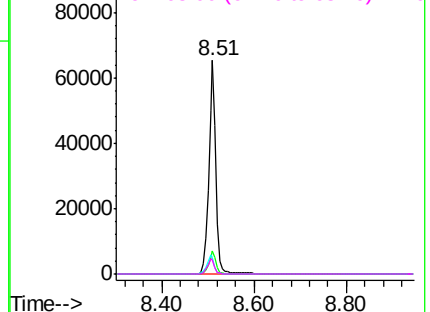


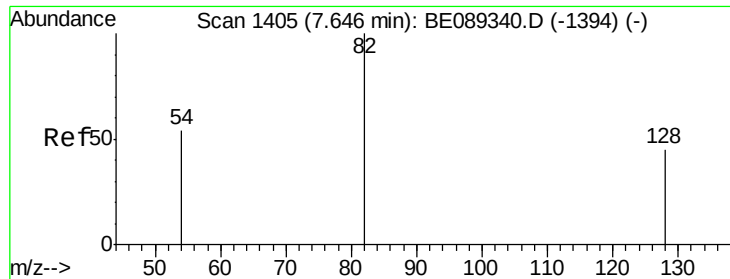
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#3

Nitrobenzene-d5

Concen: 6.92 ng

RT: 7.64 min Scan# 1404

Delta R.T. -0.00 min

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BNA_E

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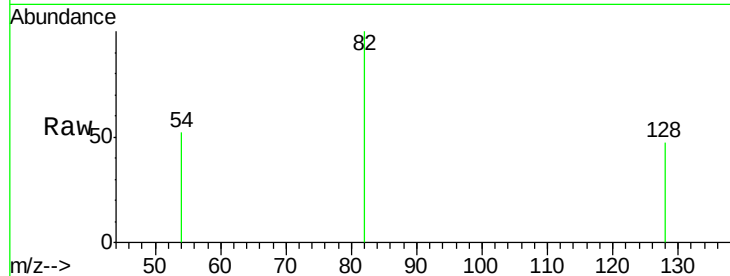
Tgt Ion: 82 Resp: 34770

Ion Ratio Lower Upper

82 100

128 46.9 36.5 54.7

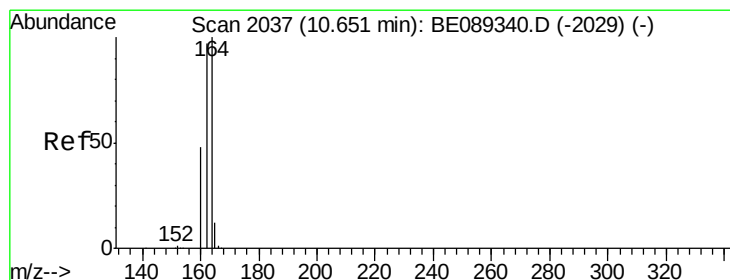
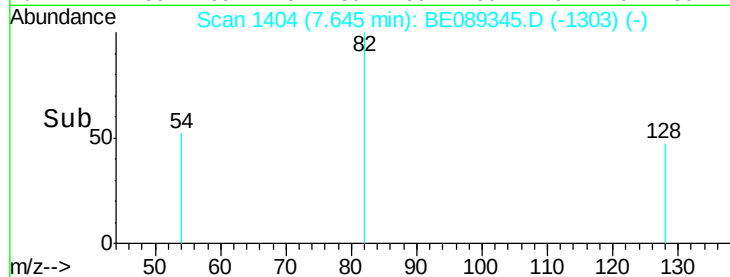
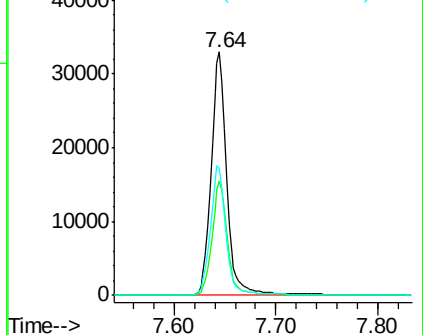
54 52.3 43.5 65.3



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



#6

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.65 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BE089345.D

Acq: 8 Jan 2015 00:52

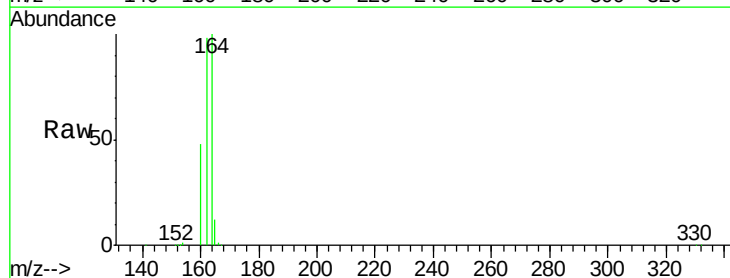
Tgt Ion: 164 Resp: 34309

Ion Ratio Lower Upper

164 100

162 97.7 77.4 116.2

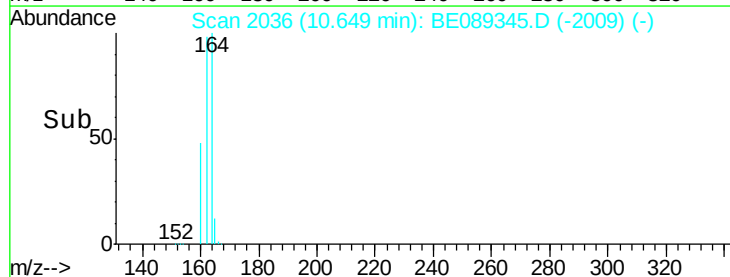
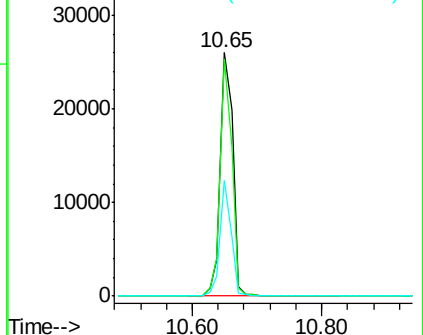
160 47.6 38.2 57.4

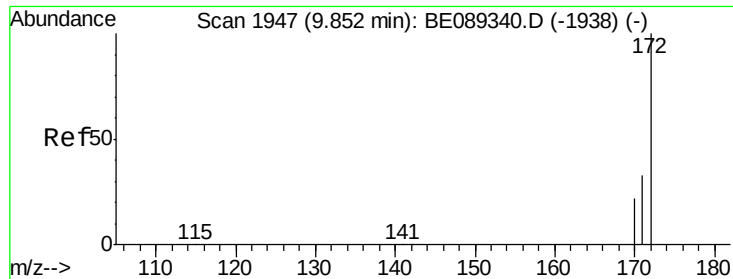


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#7

2-Fluorobiphenyl

Concen: 6.26 ng

RT: 9.85 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BE089345.D

Acq: 8 Jan 2015 00:52

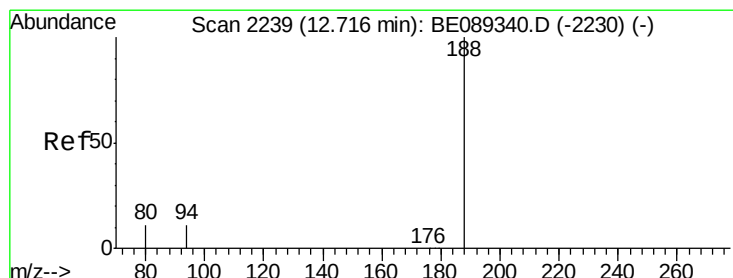
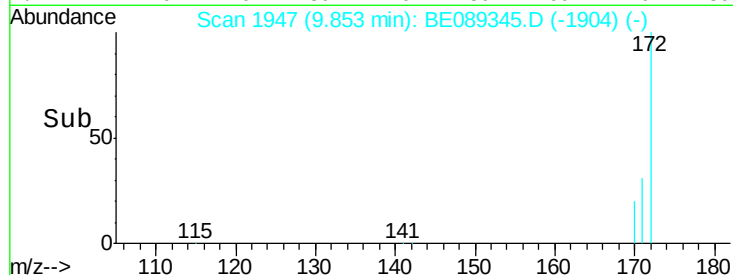
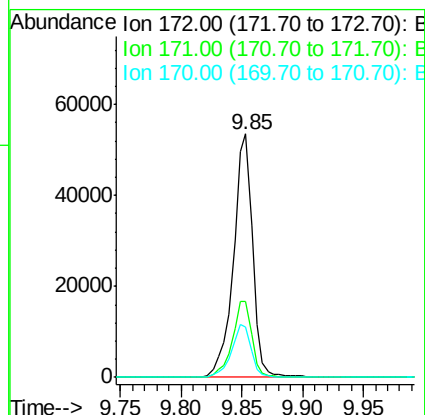
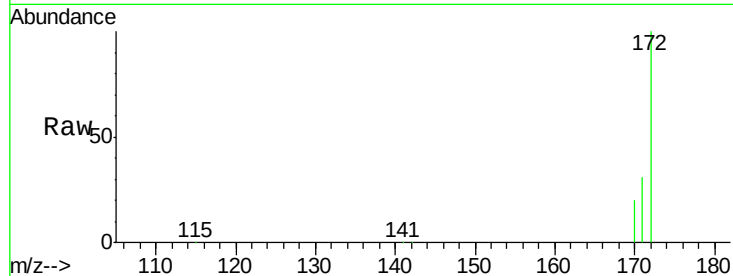
Instrument :

BNA_E

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PB81202BL

Tgt Ion:	172	Resp:	58533
Ion	Ratio	Lower	Upper
172	100		
171	31.0	26.4	39.6
170	20.4	18.0	27.0



#11

Phenanthrene-d10

Concen: 5.00 ng

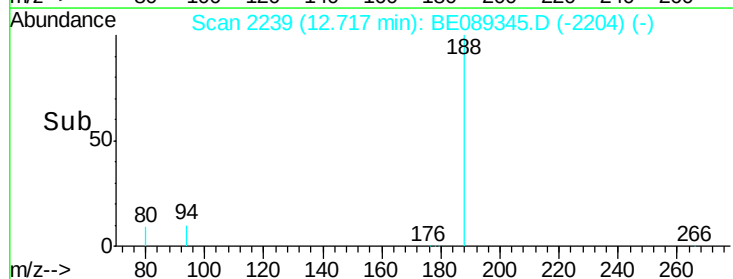
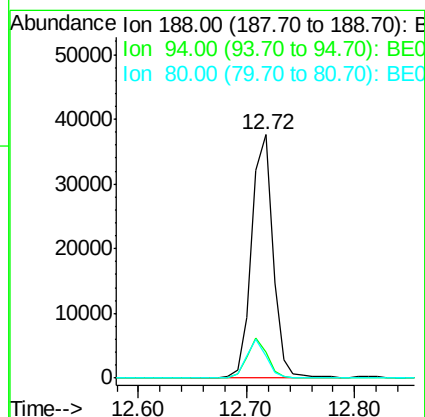
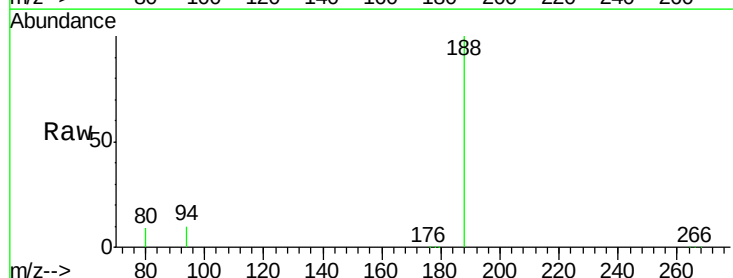
RT: 12.72 min Scan# 2239

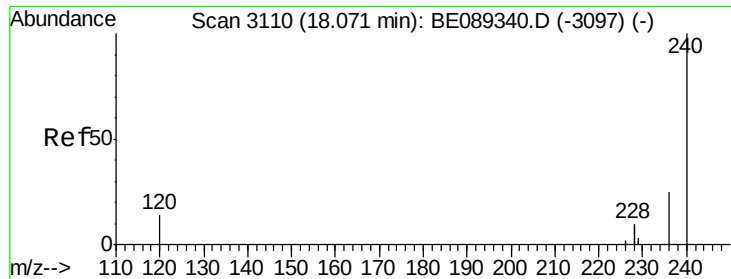
Delta R.T. 0.00 min

Lab File: BE089345.D

Acq: 8 Jan 2015 00:52

Tgt Ion:	188	Resp:	51448
Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.0	12.2#
80	9.4	10.1	11.1#

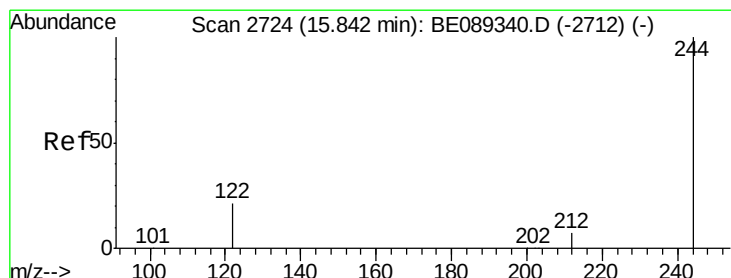
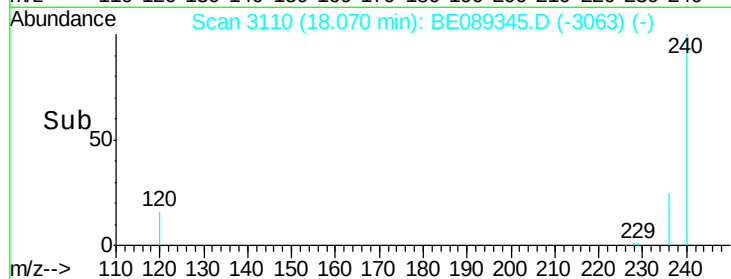
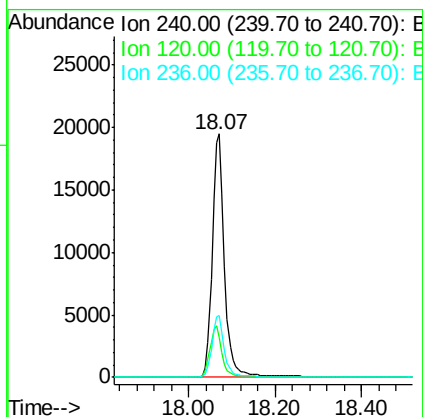
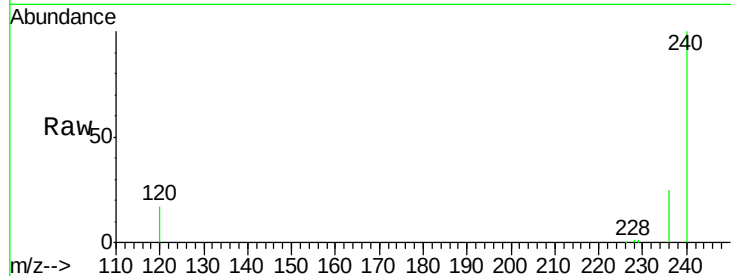




#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

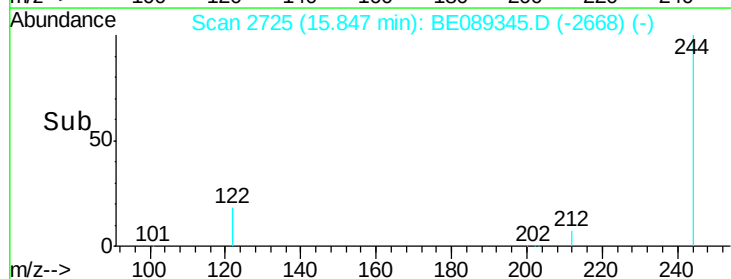
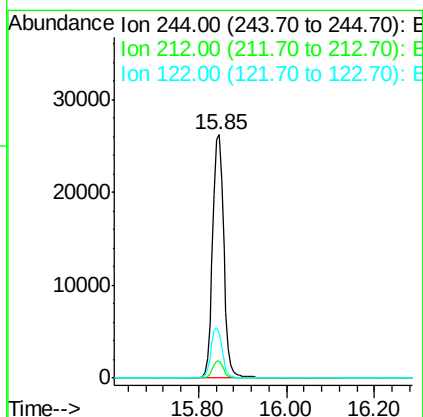
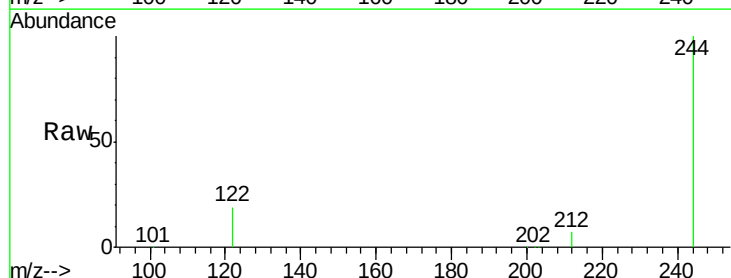
Instrument :
BNA_E
ClientSampleId :
PB81202BL

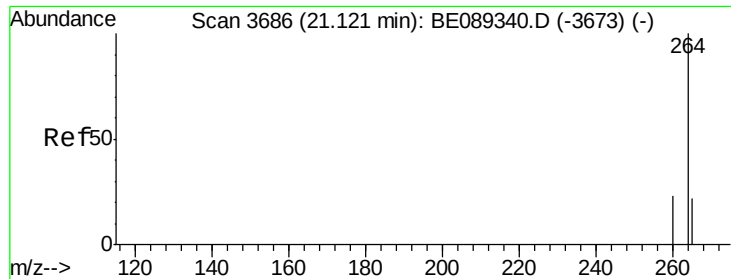
Tgt Ion:240 Resp: 38436
Ion Ratio Lower Upper
240 100
120 16.6 11.8 17.6
236 25.2 20.0 30.0



#17
Terphenyl-d14
Concen: 6.69 ng
RT: 15.85 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Tgt Ion:244 Resp: 45504
Ion Ratio Lower Upper
244 100
212 6.9 6.3 9.5
122 18.5 17.7 26.5





#21

Perylene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 3686

Delta R.T. -0.00 min

Lab File: BE089345.D

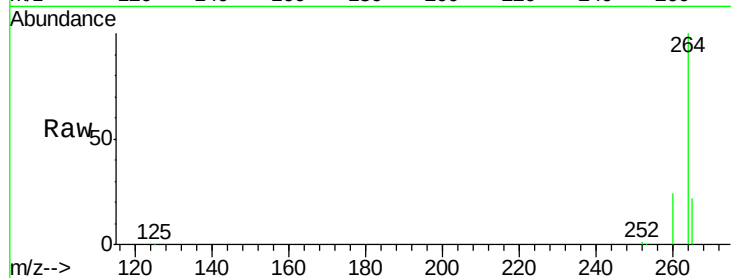
Acq: 8 Jan 2015 00:52

Instrument :

BNA_E

ClientSampleId :

PB81202BL



Tgt Ion: 264 Resp: 33411

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.6 17.4 26.2

