

Data Path : Z:\HPCHEM1\BNA_E\Data\BE022615\
 Data File : BE089695.D
 Acq On : 26 Feb 2015 17:34
 Operator : TP/JJ
 Sample : PB81860BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 27 01:35:58 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

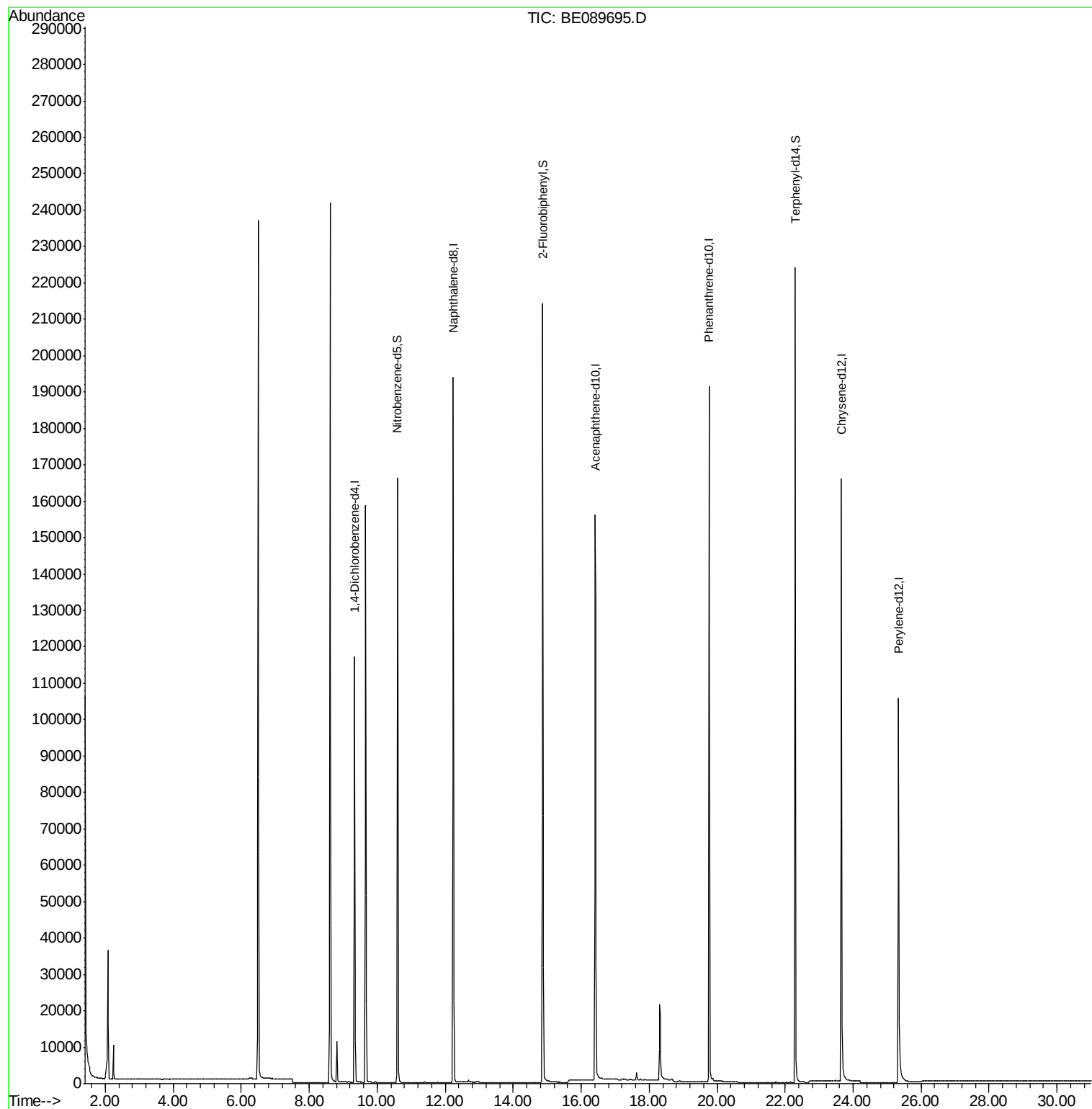
Target Compounds	Qvalue

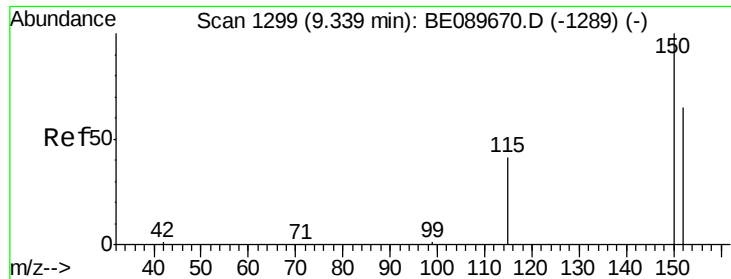
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

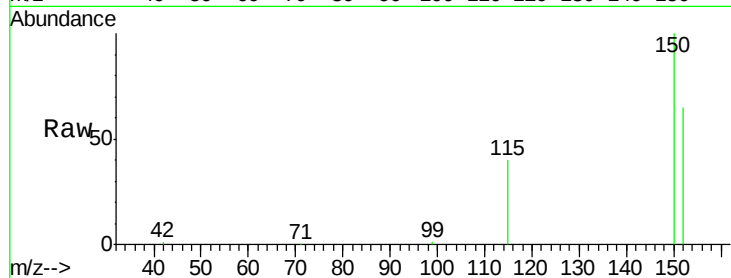
Tgt Ion:152 Resp: 52461

Ion Ratio Lower Upper

152 100

150 153.5 123.4 185.0

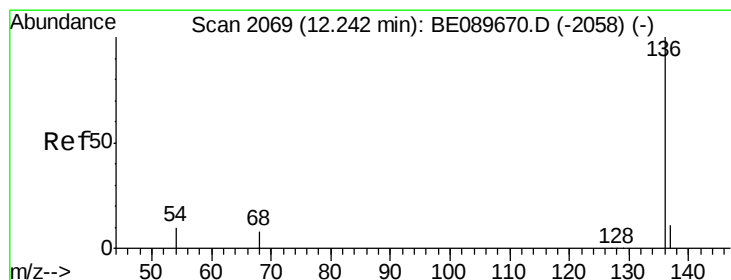
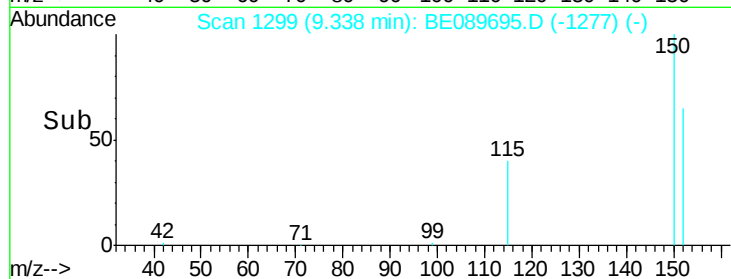
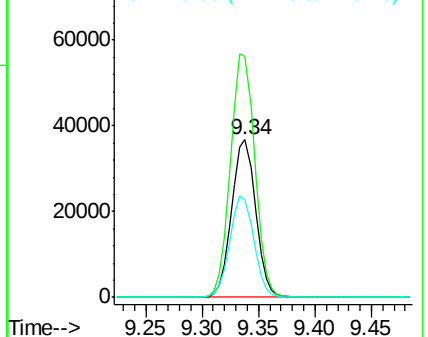
115 62.1 50.8 76.2



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



#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

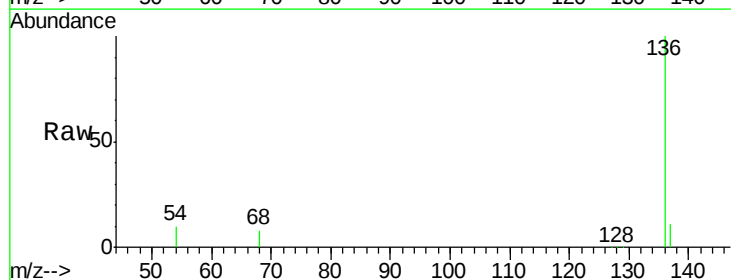
Tgt Ion:136 Resp: 223122

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

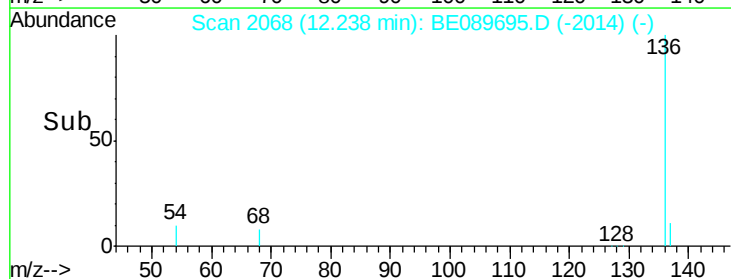
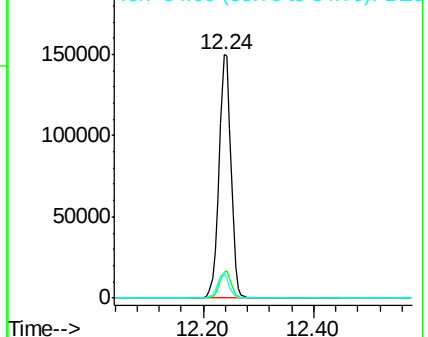
54 10.3 7.8 11.8

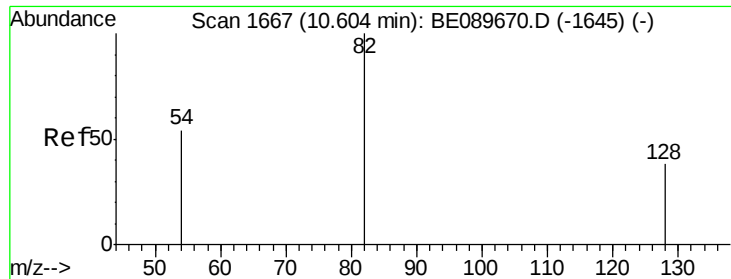


Abundance Ion 136.00 (135.70 to 136.70): E

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

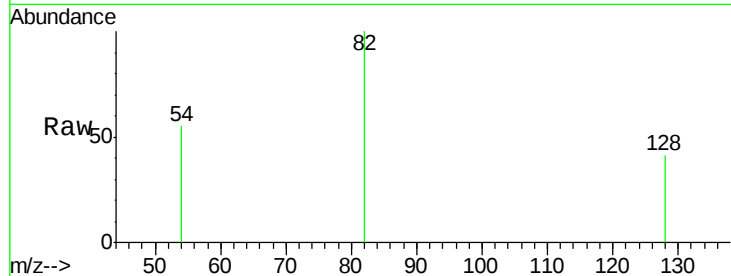
Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampleId :



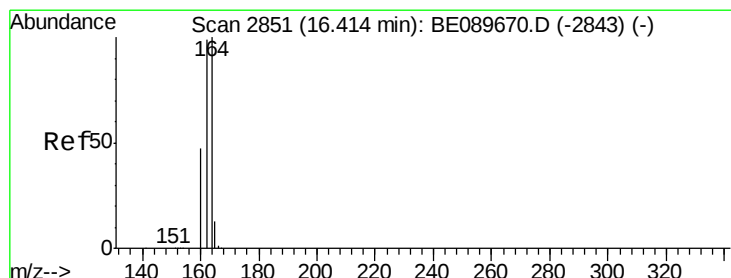
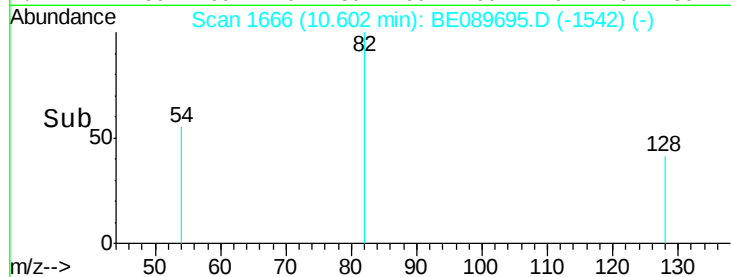
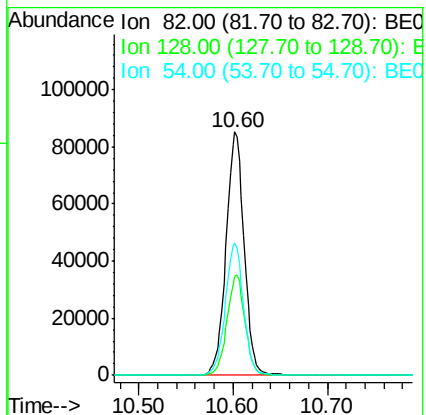
Tgt Ion: 82 Resp: 113463

Ion Ratio Lower Upper

82 100

128 40.8 30.6 46.0

54 54.6 43.6 65.4



#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

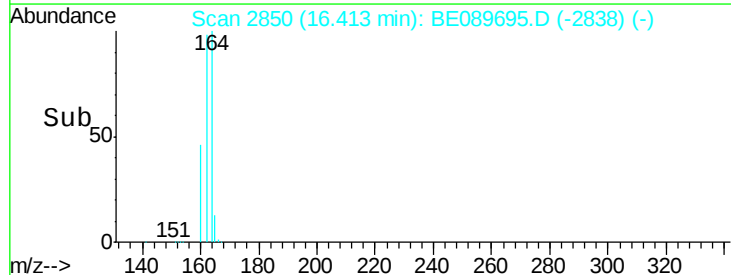
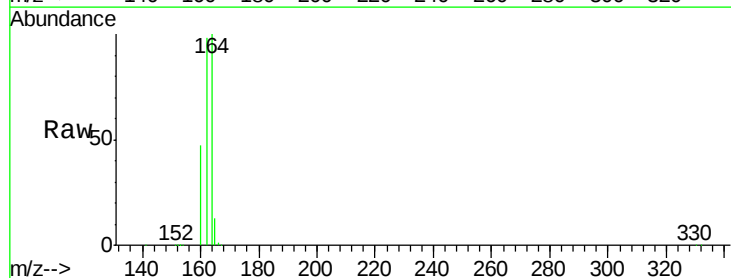
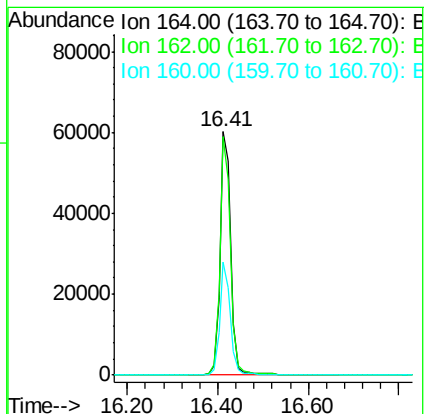
Tgt Ion: 164 Resp: 101328

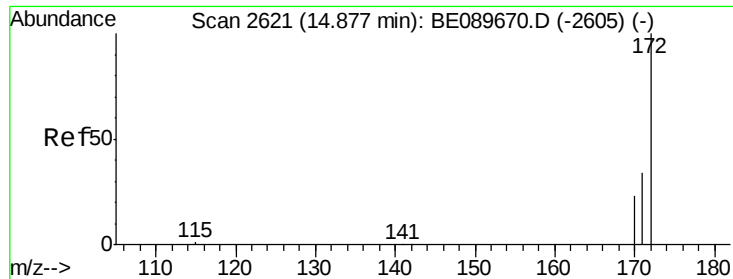
Ion Ratio Lower Upper

164 100

162 97.8 79.4 119.2

160 46.5 37.6 56.4





#9

2-Fluorobiphenyl

Concen: 8.81 ng

RT: 14.87 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE089695.D

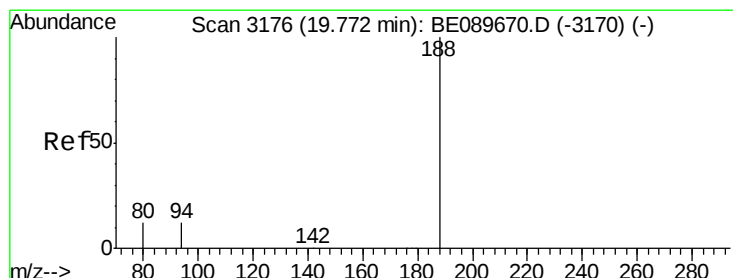
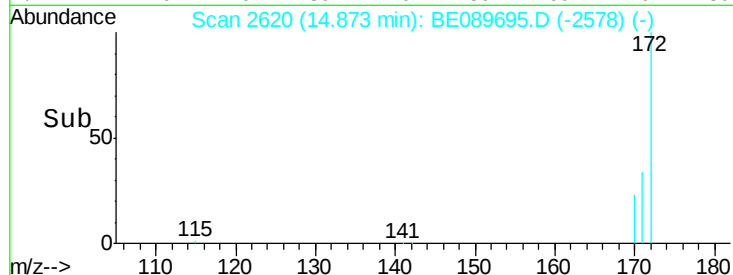
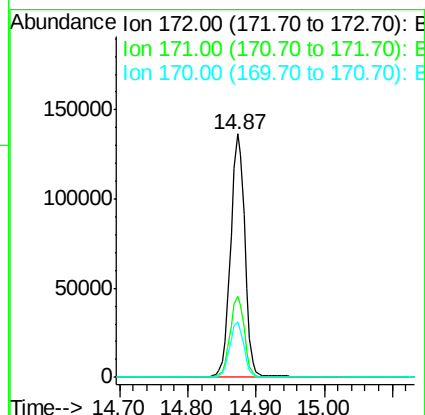
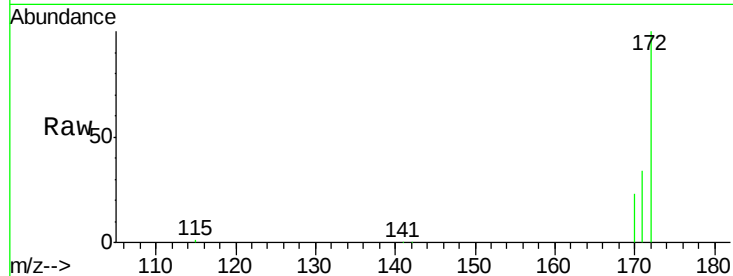
Acq: 26 Feb 2015 17:34

Instrument :

BNA_E

ClientSampleId :

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



#13

Phenanthrene-d10

Concen: 5.00 ng

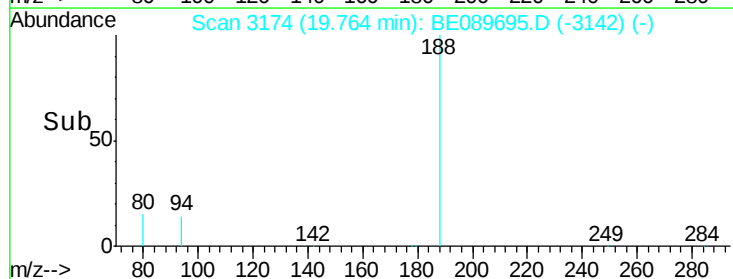
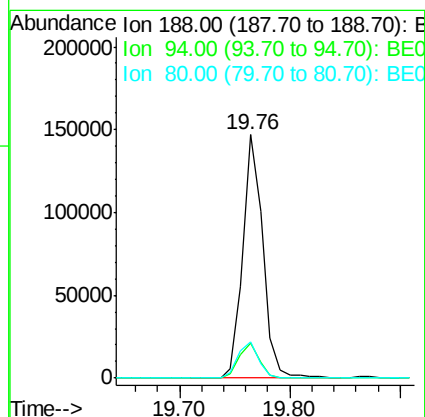
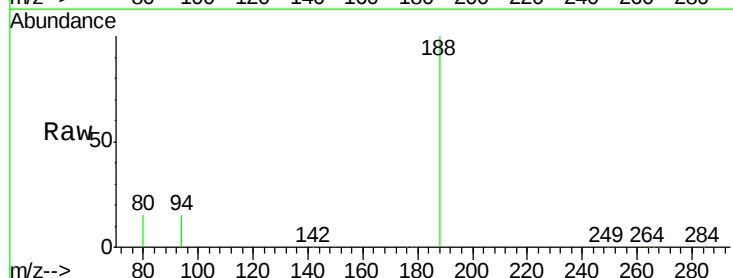
RT: 19.76 min Scan# 3174

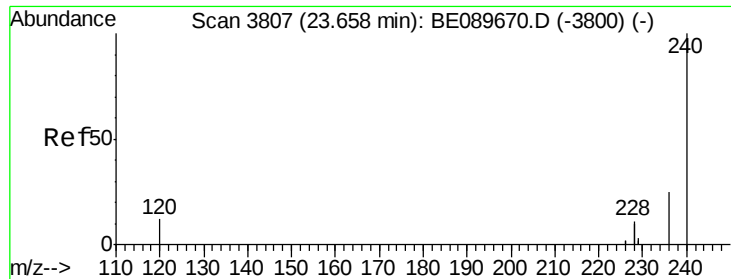
Delta R.T. -0.01 min

Lab File: BE089695.D

Acq: 26 Feb 2015 17:34

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#





#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 :

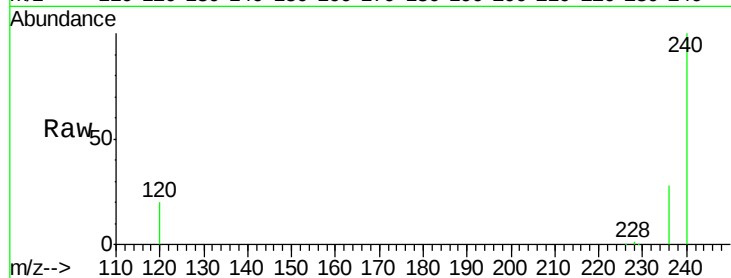
Tgt Ion:240 Resp: 145010

Ion Ratio Lower Upper

240 100

120 20.5 9.4 14.0#

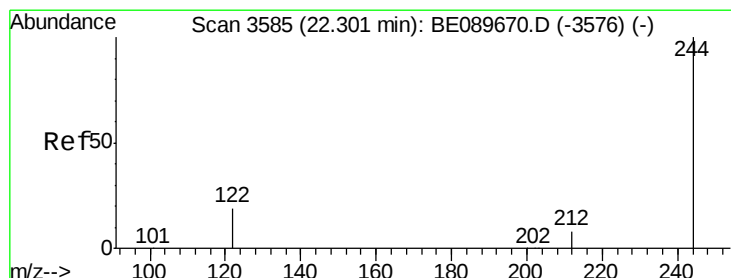
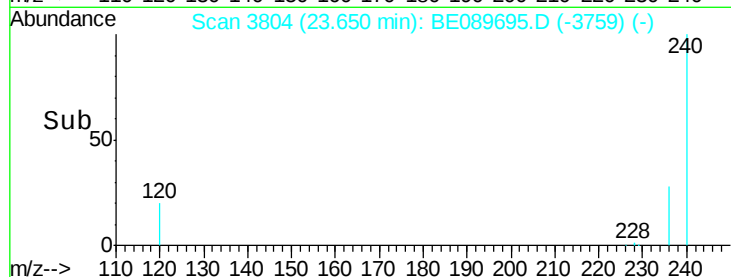
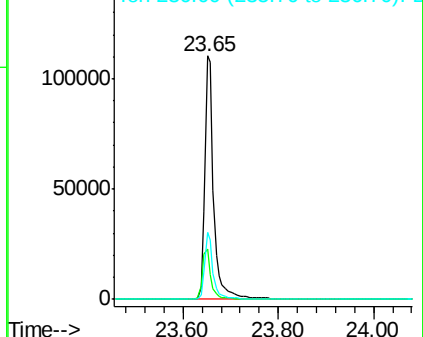
236 27.7 19.9 29.9



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

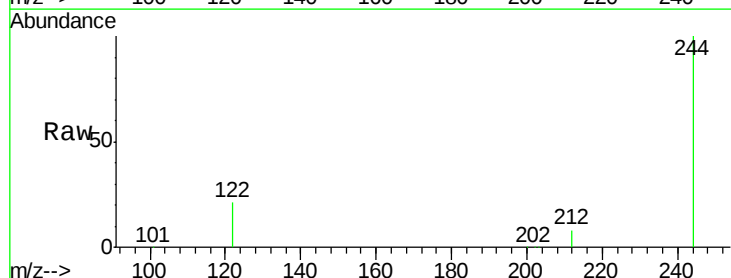
Tgt Ion:244 Resp: 185121

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

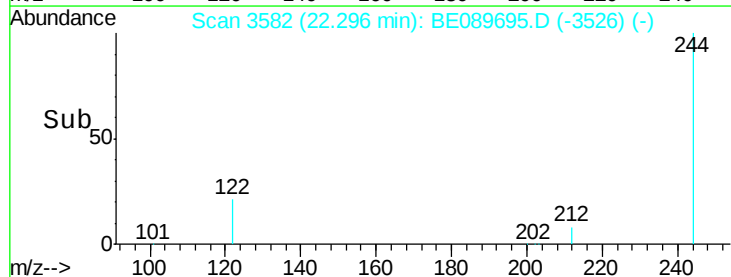
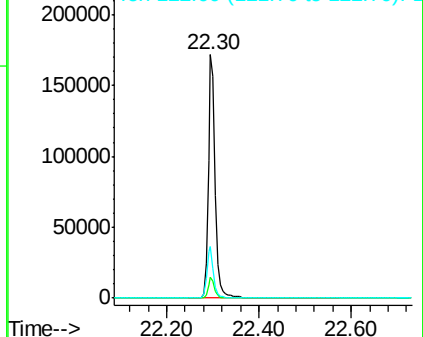
122 21.1 15.4 23.0

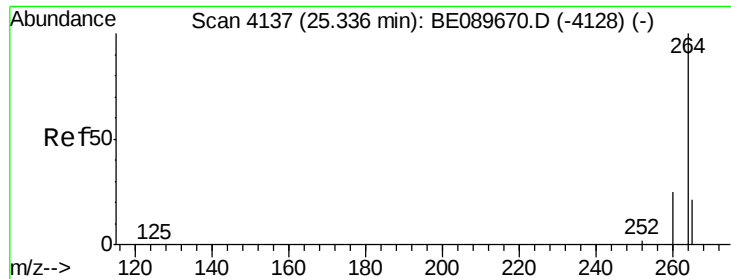


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

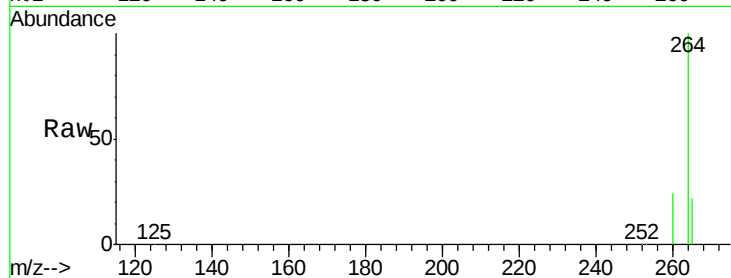




#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4136
Delta R.T. 0.00 min
Lab File: BE089695.D
Acq: 26 Feb 2015 17:34

Instrument :
BNA_E
ClientSampleId :

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

