

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
 Data File : BE089697.D
 Acq On : 26 Feb 2015 18:51
 Operator : TP/JJ
 Sample : G1353-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB

Quant Time: Feb 27 02:37:40 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

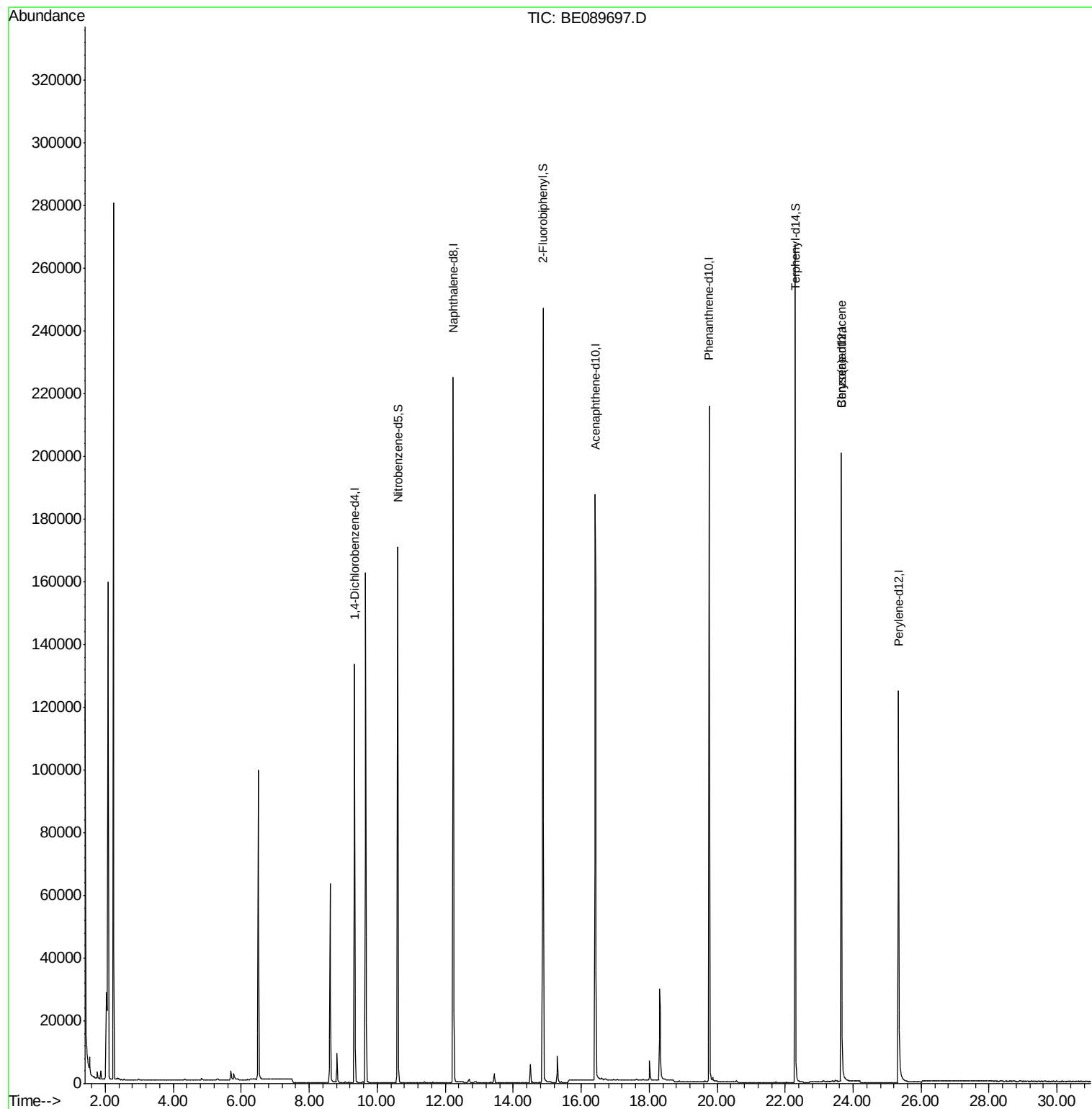
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	60503	5.00	ng	0.00
4) Naphthalene-d8	12.24	136	260985	5.00	ng	0.00
8) Acenaphthene-d10	16.41	164	121958	5.00	ng	0.00
13) Phenanthrene-d10	19.76	188	215881	5.00	ng	0.00
19) Chrysene-d12	23.65	240	161610	5.00	ng	0.00
25) Perylene-d12	25.34	264	129327	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.60	82	121920	7.89	ng	0.00
9) 2-Fluorobiphenyl	14.87	172	229510	8.46	ng	0.00
21) Terphenyl-d14	22.30	244	220282	11.62	ng	0.00
Target Compounds						Qvalue
22) Benzo(a)anthracene	23.65	228	2281	0.02	ng	# 79

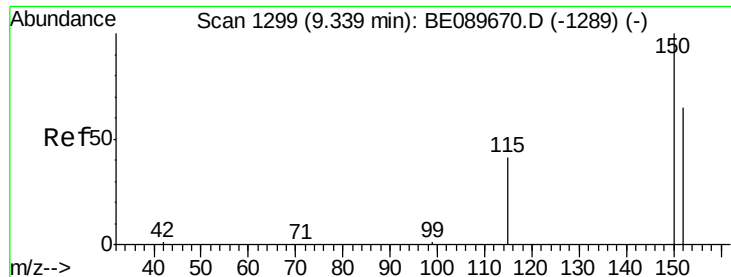
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

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ClientSampleId :

FB

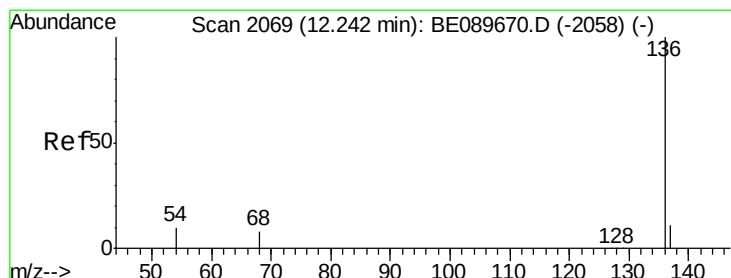
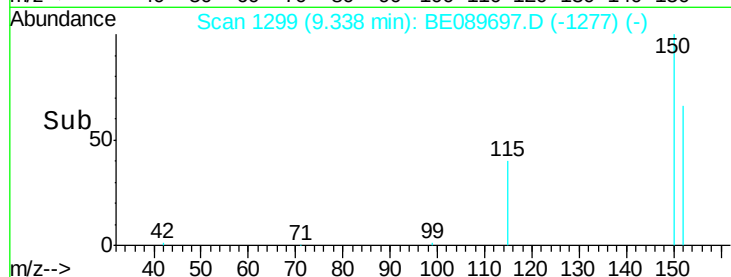
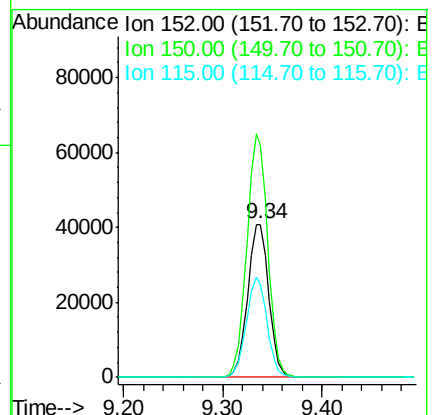
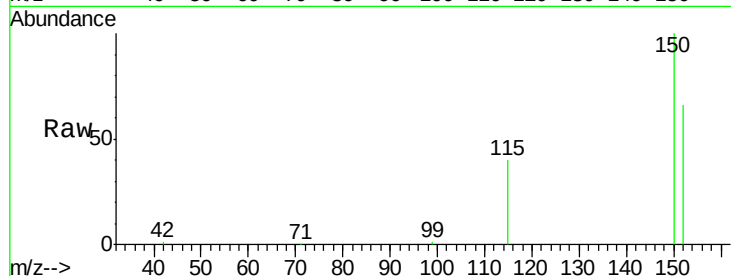
Tgt Ion:152 Resp: 60503

Ion Ratio Lower Upper

152 100

150 151.7 123.4 185.0

115 60.9 50.8 76.2



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 12.24 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

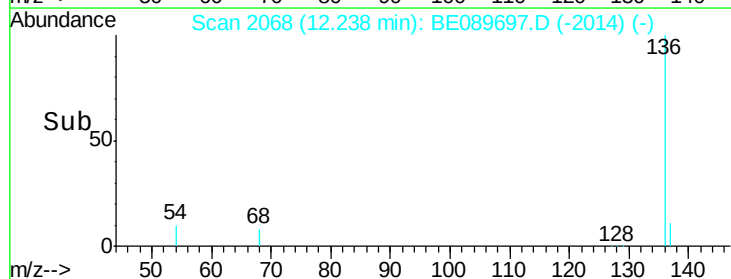
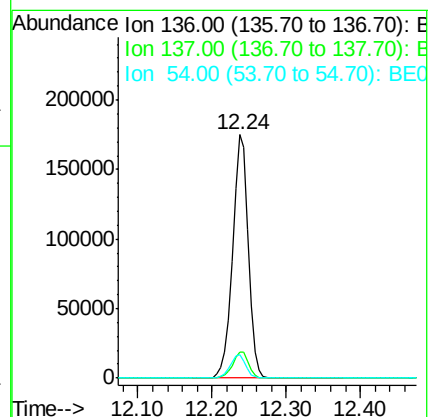
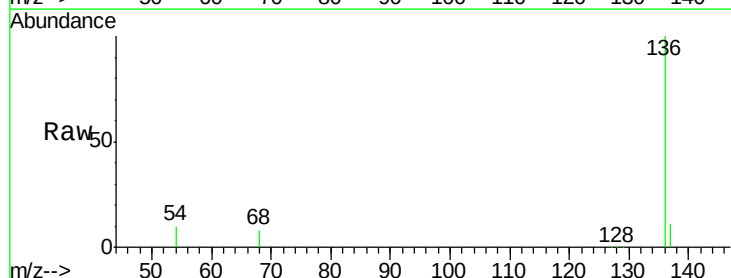
Tgt Ion:136 Resp: 260985

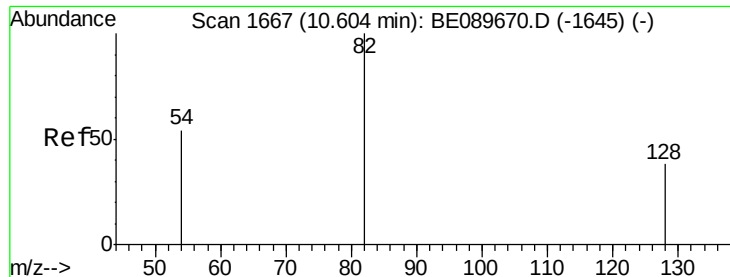
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.7 7.8 11.8





#5

Nitrobenzene-d5

Concen: 7.89 ng

RT: 10.60 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

Instrument :

BNA_E

ClientSampleId :

FB

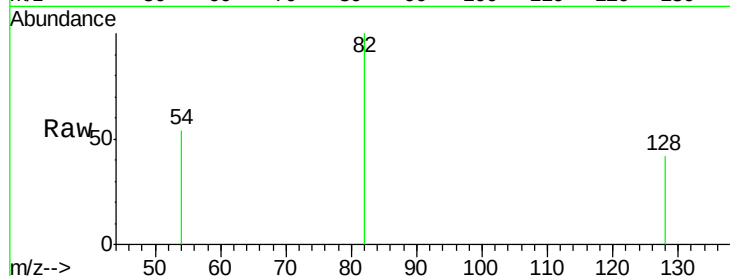
Tgt Ion: 82 Resp: 121920

Ion Ratio Lower Upper

82 100

128 42.0 30.6 46.0

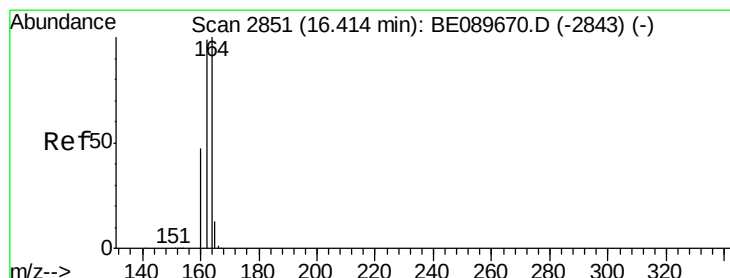
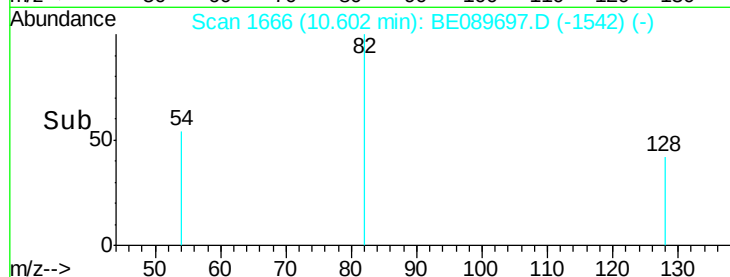
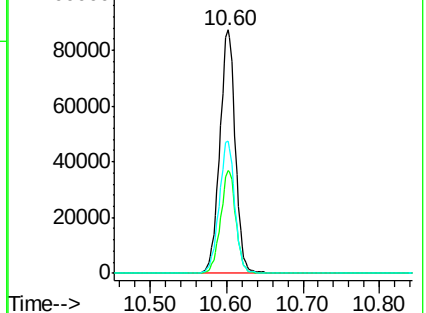
54 54.2 43.6 65.4



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



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.41 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

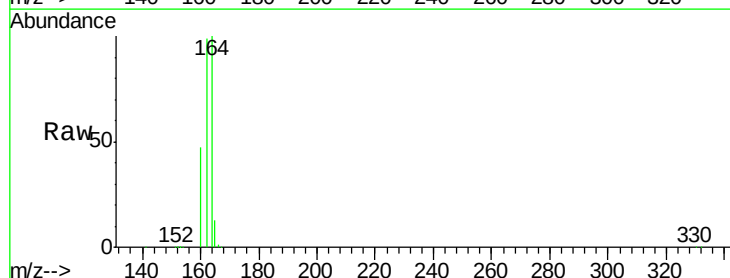
Tgt Ion: 164 Resp: 121958

Ion Ratio Lower Upper

164 100

162 98.5 79.4 119.2

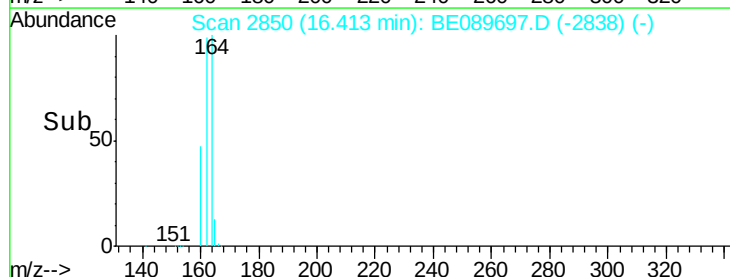
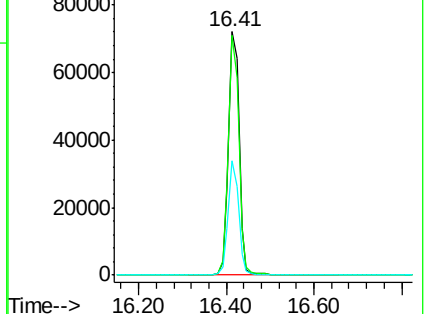
160 46.8 37.6 56.4

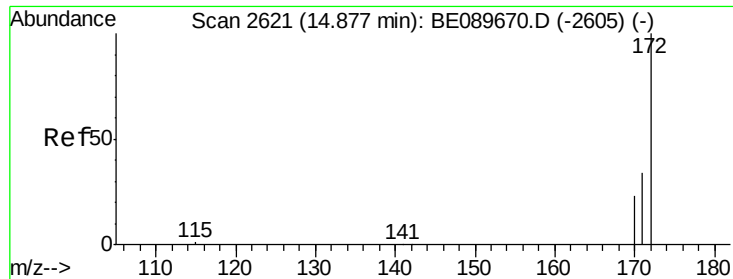


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#9

2-Fluorobiphenyl

Concen: 8.46 ng

RT: 14.87 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

Instrument :

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ClientSampleId :

FB

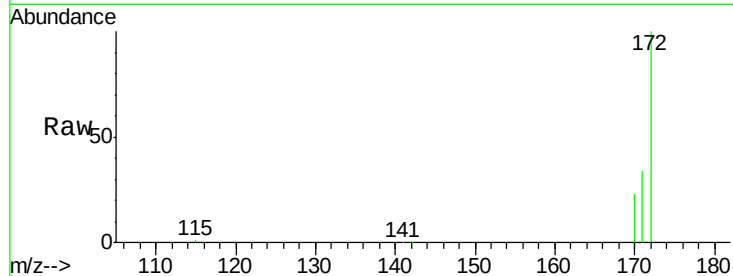
Tgt Ion:172 Resp: 229510

Ion Ratio Lower Upper

172 100

171 33.6 27.3 40.9

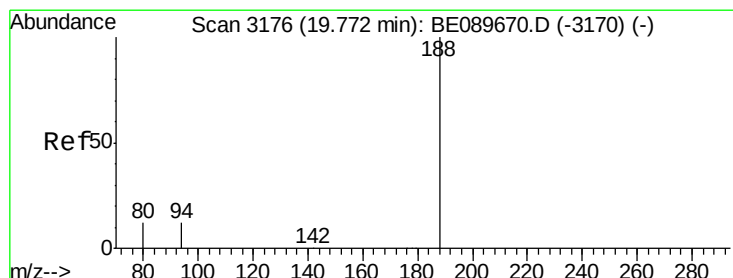
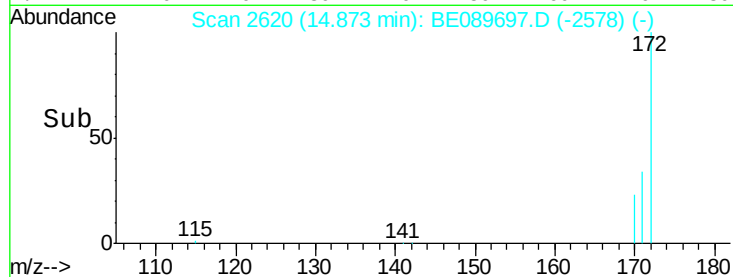
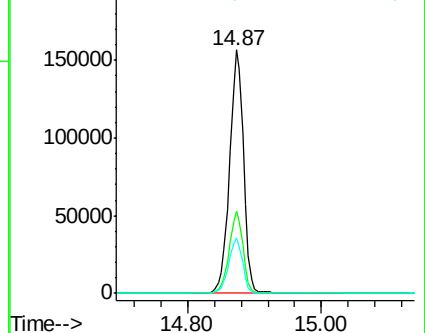
170 22.9 18.5 27.7



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: 19.76 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

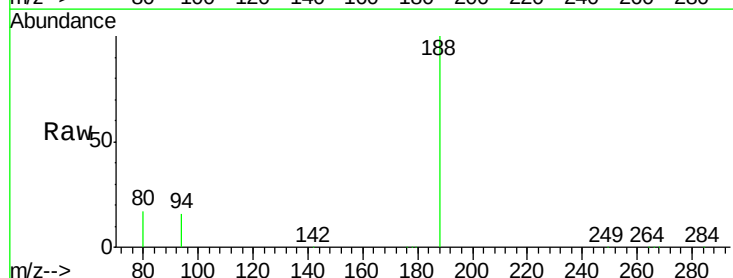
Tgt Ion:188 Resp: 215881

Ion Ratio Lower Upper

188 100

94 16.2 9.4 14.2#

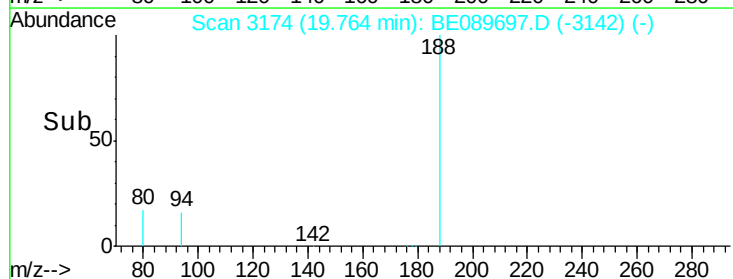
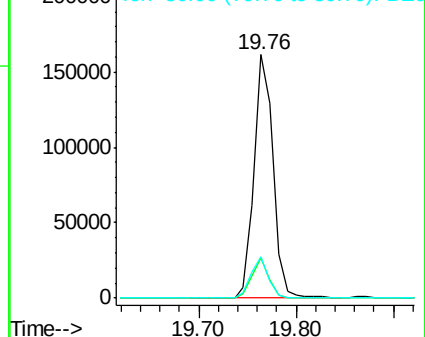
80 17.0 9.5 14.3#

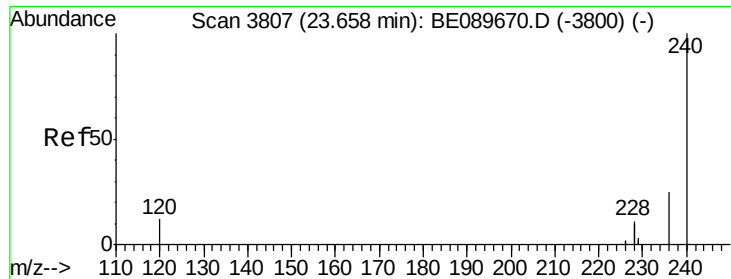


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.65 min Scan# 3804

Delta R.T. -0.01 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

Instrument :

BNA_E

ClientSampleId :

FB

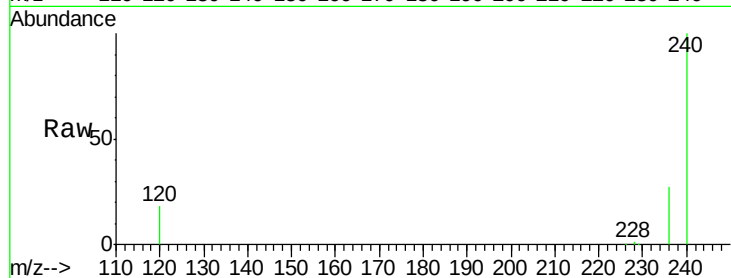
Tgt Ion:240 Resp: 161610

Ion Ratio Lower Upper

240 100

120 18.2 9.4 14.0#

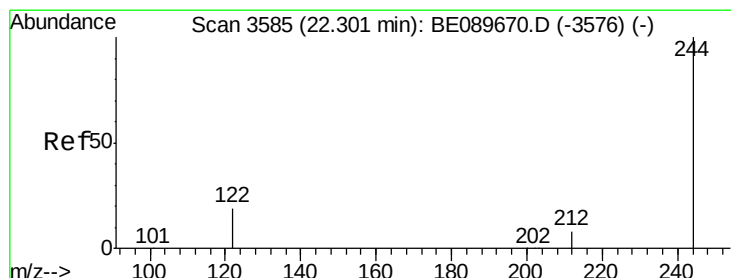
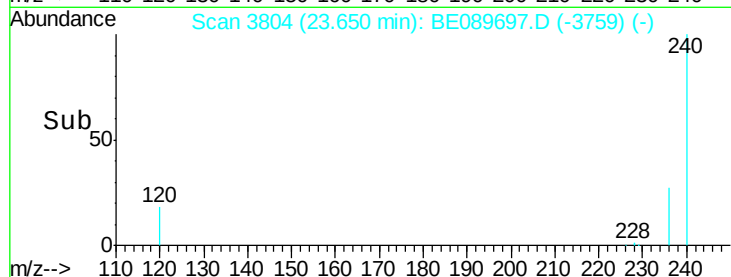
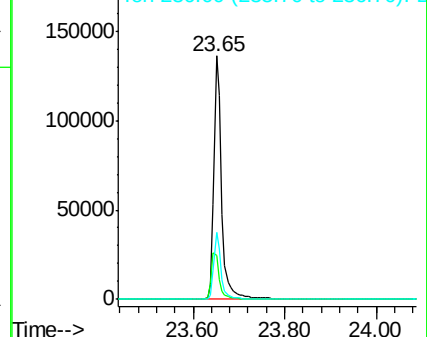
236 27.3 19.9 29.9



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: 11.62 ng

RT: 22.30 min Scan# 3582

Delta R.T. -0.01 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

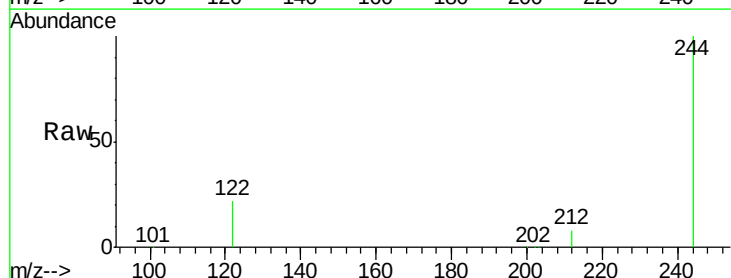
Tgt Ion:244 Resp: 220282

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

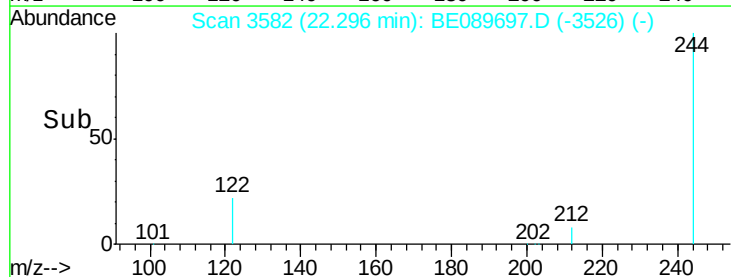
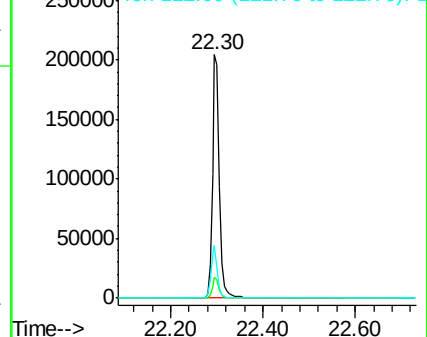
122 21.8 15.4 23.0

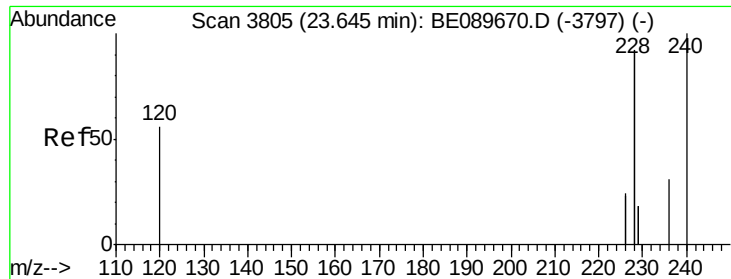


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#22

Benzo(a)anthracene

Concen: 0.02 ng

RT: 23.65 min Scan# 3804

Delta R.T. 0.01 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

Instrument :

BNA_E

ClientSampleId :

FB

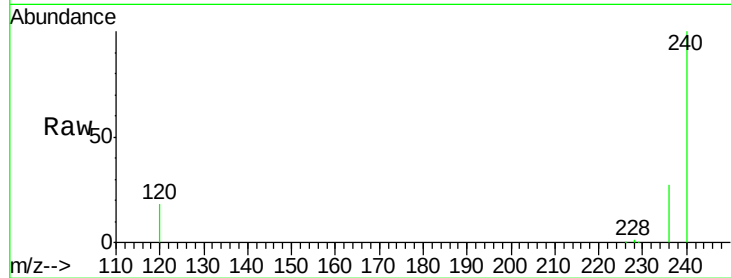
Tgt Ion:228 Resp: 2281

Ion Ratio Lower Upper

228 100

226 18.3 20.6 31.0#

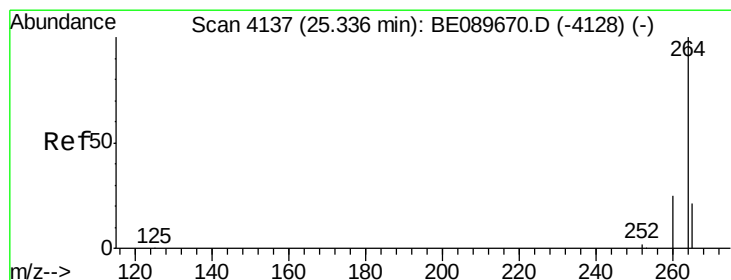
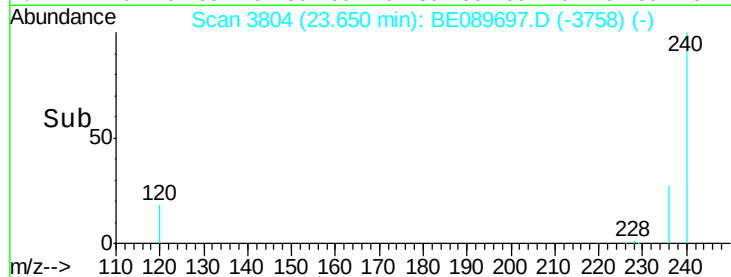
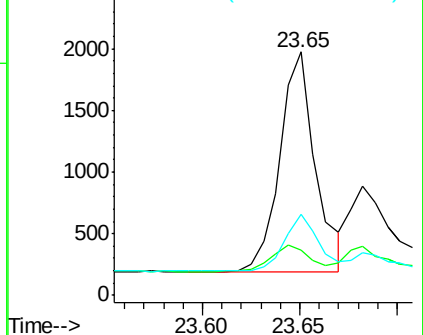
229 33.2 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#25

Perylene-d12

Concen: 5.00 ng

RT: 25.34 min Scan# 4136

Delta R.T. 0.00 min

Lab File: BE089697.D

Acq: 26 Feb 2015 18:51

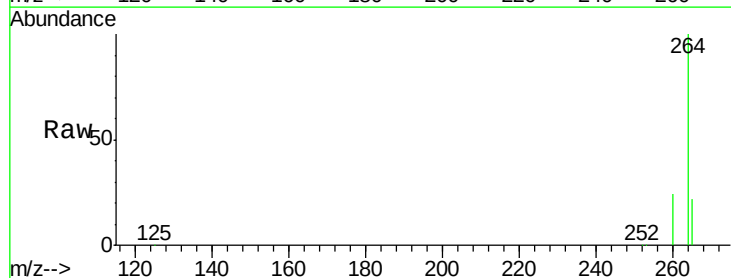
Tgt Ion:264 Resp: 129327

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.4

265 21.7 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

