

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089489.D
 Acq On : 4 Feb 2015 9:26
 Operator : TP/IZ
 Sample : G1110-05
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-54

Quant Time: Feb 04 11:31:03 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:53:32 2015
 Response via : Initial Calibration

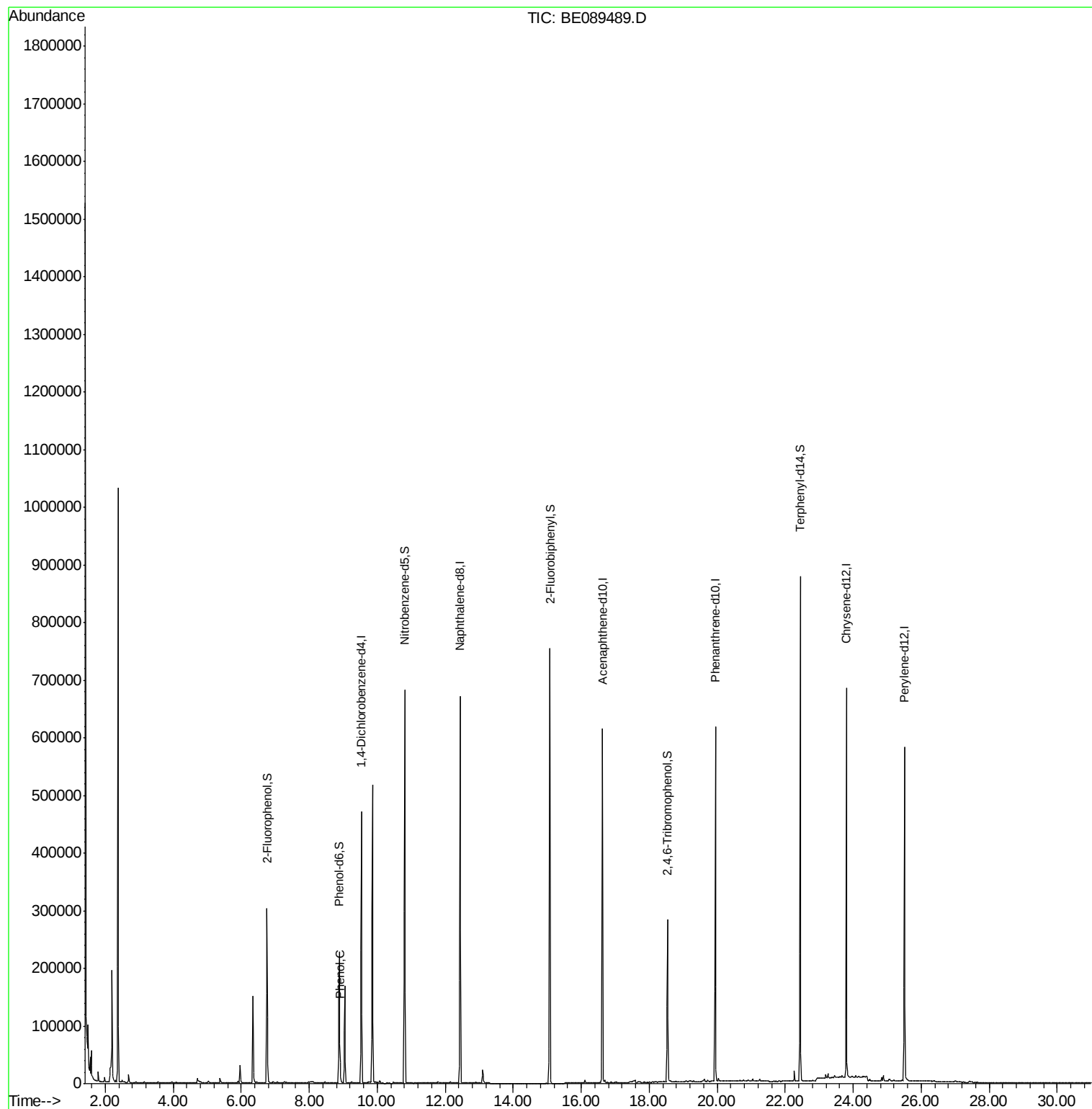
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	199427	5.00	ng	0.00
7) Naphthalene-d8	12.44	136	775838	5.00	ng	0.00
13) Acenaphthene-d10	16.62	164	373050	5.00	ng	0.01
17) Phenanthrene-d10	19.94	188	611854	5.00	ng	0.01
20) Chrysene-d12	23.80	240	532957	5.00	ng	0.02
27) Perylene-d12	25.51	264	518201	5.00	ng	0.02
System Monitoring Compounds						
3) 2-Fluorophenol	6.76	112	237352	3.68	ng	0.03
4) Phenol-d6	8.88	99	189005	2.34	ng	0.04
8) Nitrobenzene-d5	10.81	82	507084	8.64	ng	0.02
14) 2,4,6-Tribromophenol	18.54	330	161307	9.98	ng	0.03
15) 2-Fluorobiphenyl	15.08	172	702559	7.15	ng	0.01
22) Terphenyl-d14	22.44	244	738281	9.77	ng	0.02
Target Compounds						
5) Phenol	8.91	94	27621	0.31	ng	Qvalue # 42

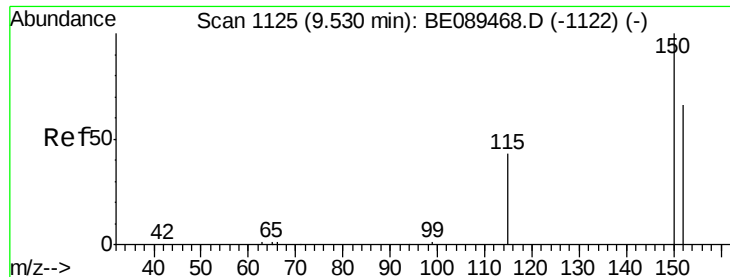
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 04 00:53:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.53 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

Instrument :

BNA_E

ClientSampleId :

MW-54

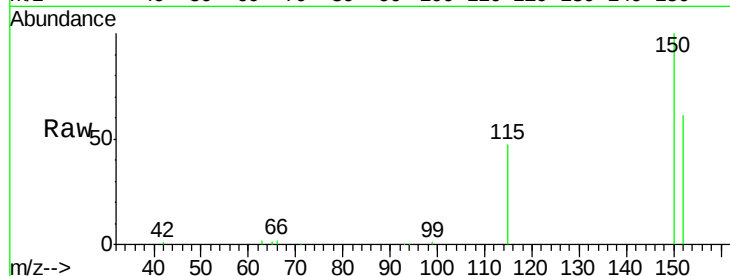
Tgt Ion:152 Resp: 199427

Ion Ratio Lower Upper

152 100

150 162.8 122.1 183.1

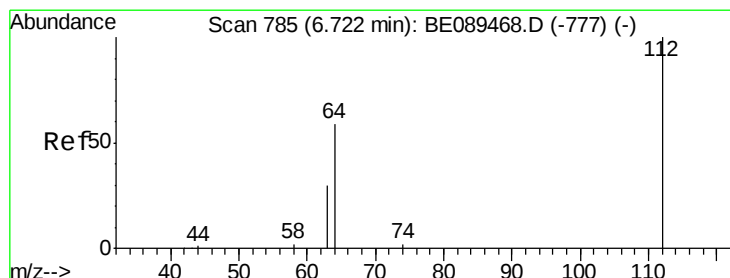
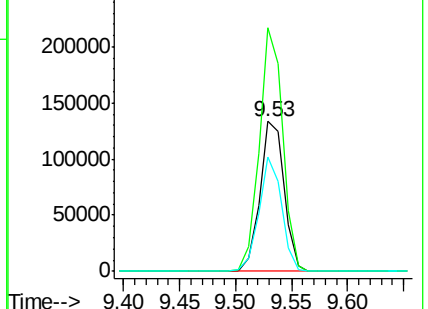
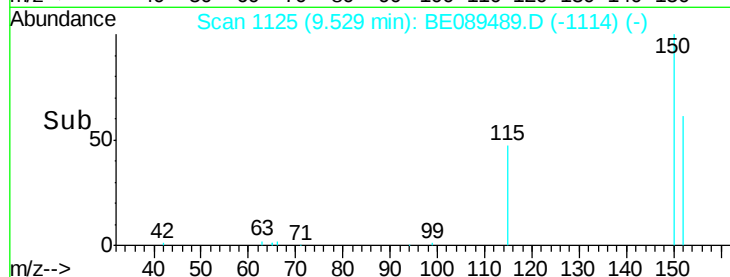
115 76.6 53.2 79.8



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



#3

2-Fluorophenol

Concen: 3.68 ng

RT: 6.76 min Scan# 790

Delta R.T. 0.03 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

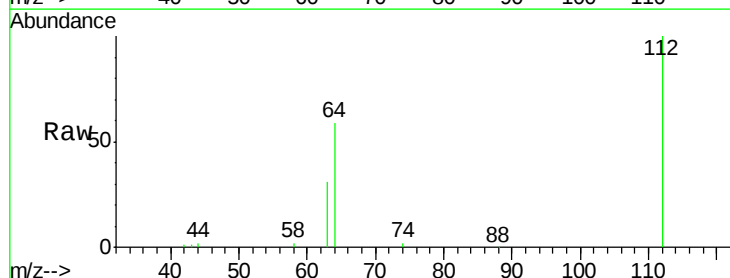
Tgt Ion:112 Resp: 237352

Ion Ratio Lower Upper

112 100

64 59.1 47.0 70.6

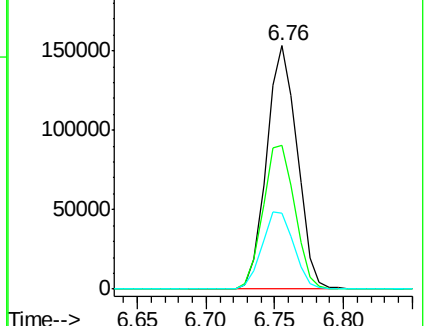
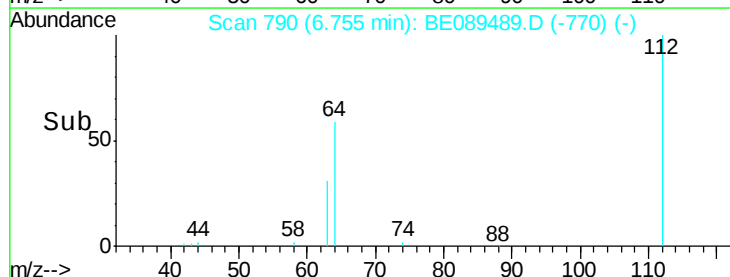
63 31.3 24.2 36.2

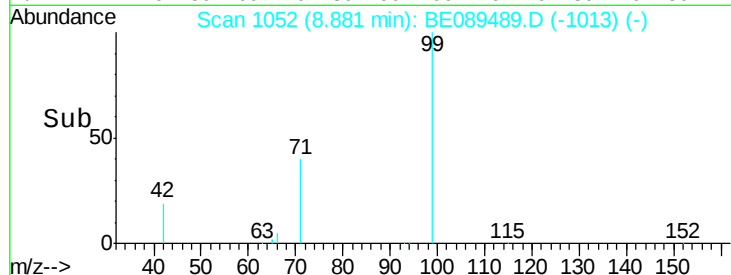
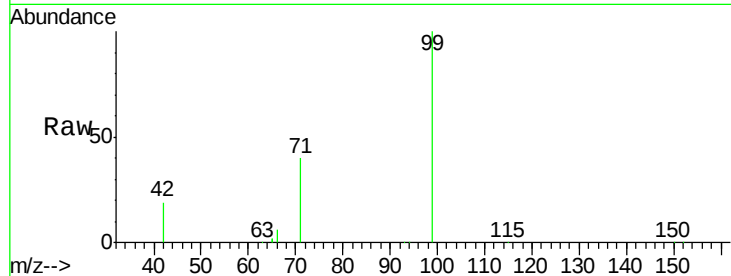
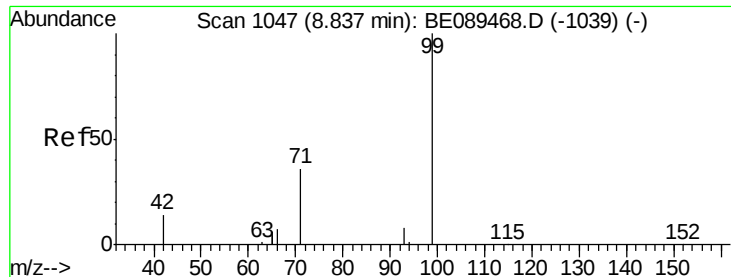


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 2.34 ng

RT: 8.88 min Scan# 1052

Delta R.T. 0.04 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

Instrument :

BNA_E

ClientSampleId :

MW-54

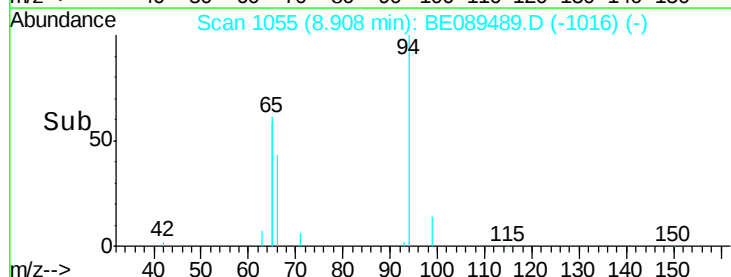
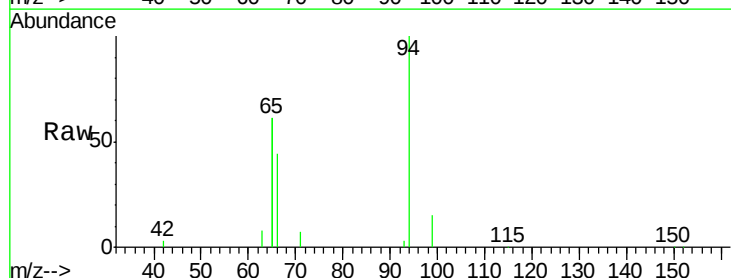
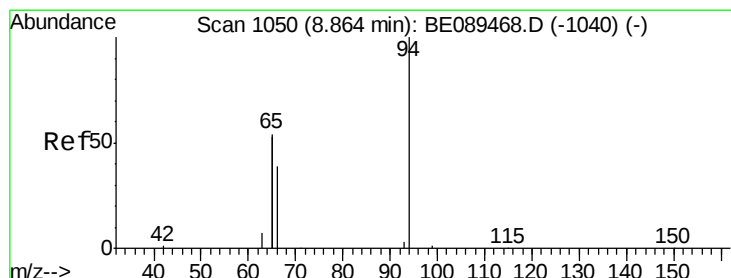
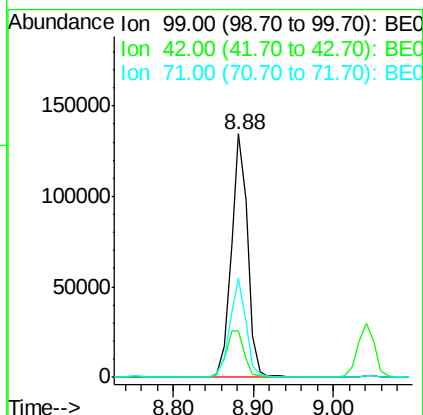
Tgt Ion: 99 Resp: 189005

Ion Ratio Lower Upper

99 100

42 19.3 11.8 17.6#

71 40.5 28.7 43.1



#5

Phenol

Concen: 0.31 ng

RT: 8.91 min Scan# 1055

Delta R.T. 0.04 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

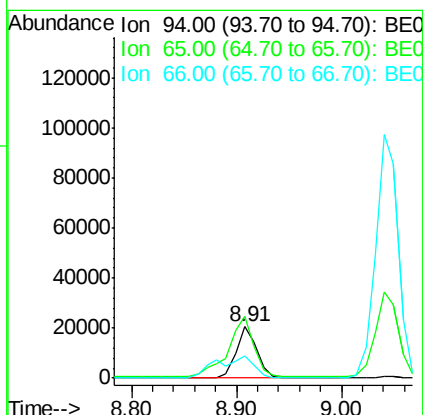
Tgt Ion: 94 Resp: 27621

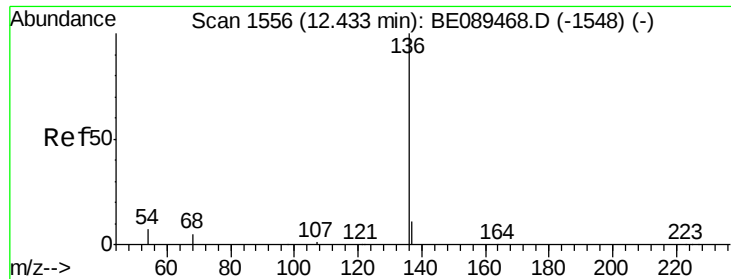
Ion Ratio Lower Upper

94 100

65 121.6 33.9 73.9#

66 43.6 19.1 59.1





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.44 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

Instrument :

BNA_E

ClientSampleId :

MW-54

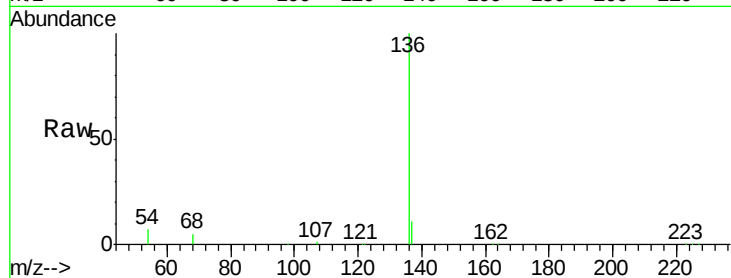
Tgt Ion: 136 Resp: 775838

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

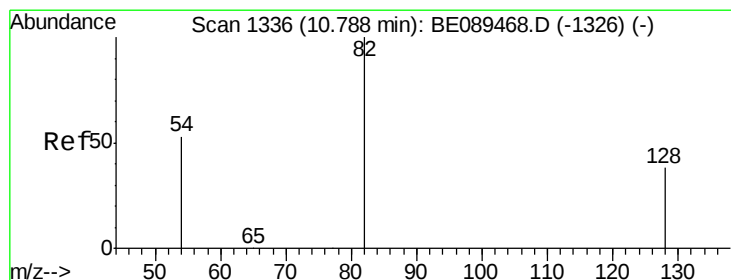
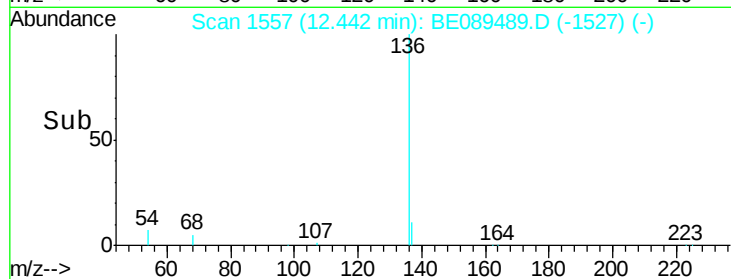
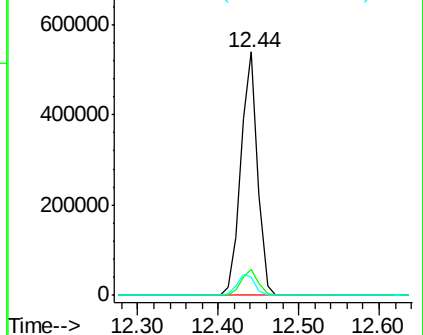
54 7.3 5.4 8.0



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



#8

Nitrobenzene-d5

Concen: 8.64 ng

RT: 10.81 min Scan# 1340

Delta R.T. 0.02 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

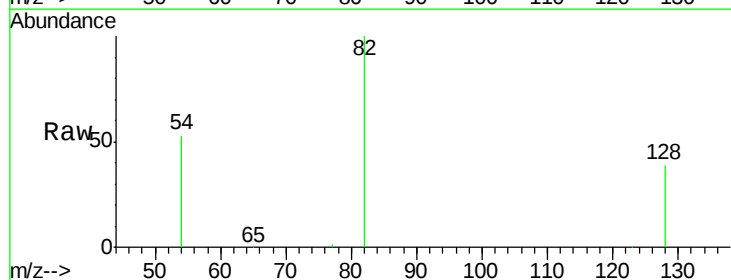
Tgt Ion: 82 Resp: 507084

Ion Ratio Lower Upper

82 100

128 39.1 30.3 45.5

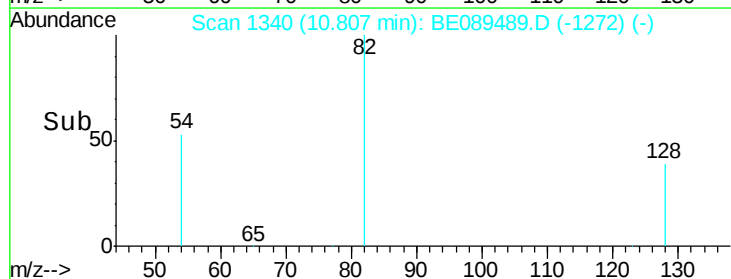
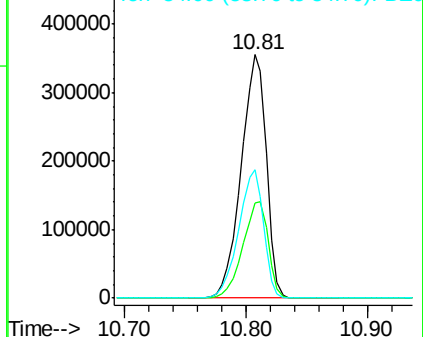
54 52.6 43.1 64.7

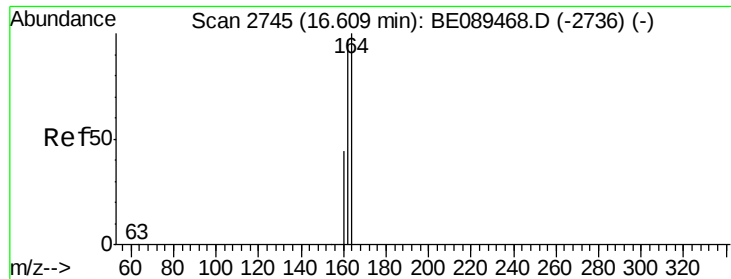


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

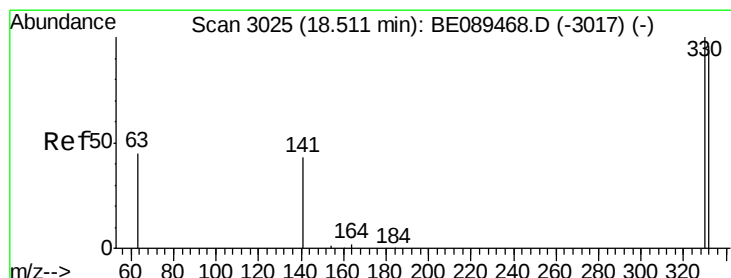
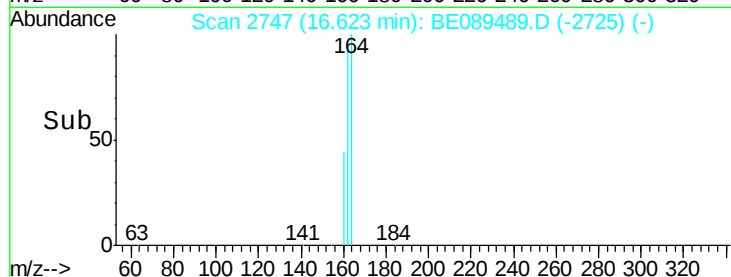
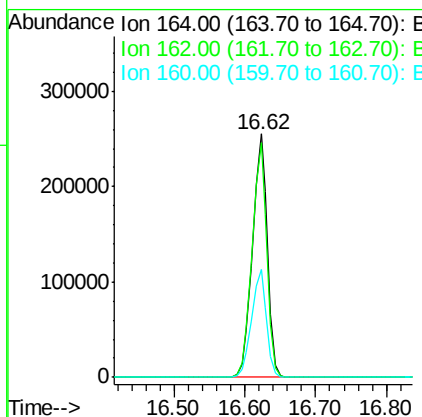
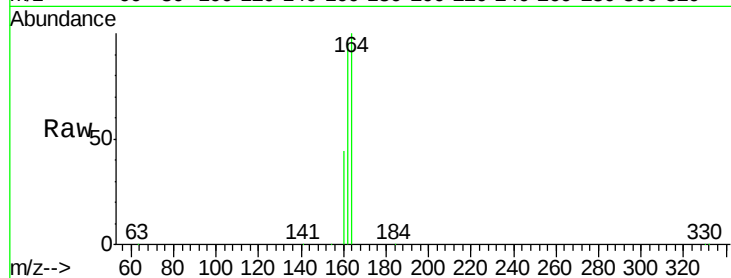




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.62 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BE089489.D
Acq: 4 Feb 2015 9:26

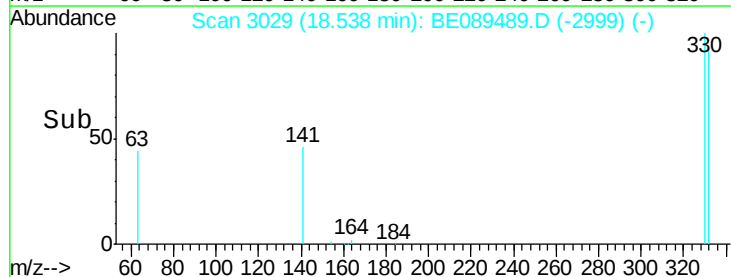
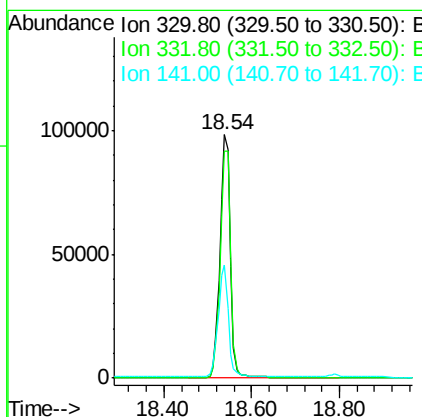
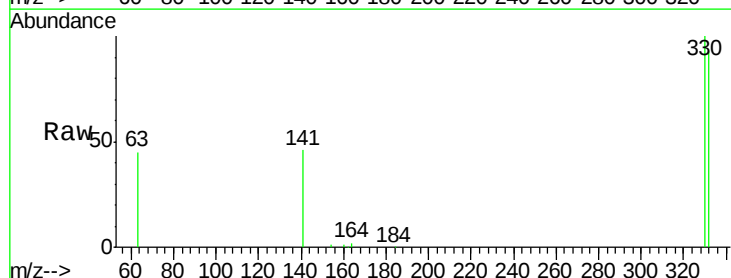
Instrument :
BNA_E
ClientSampleId :
MW-54

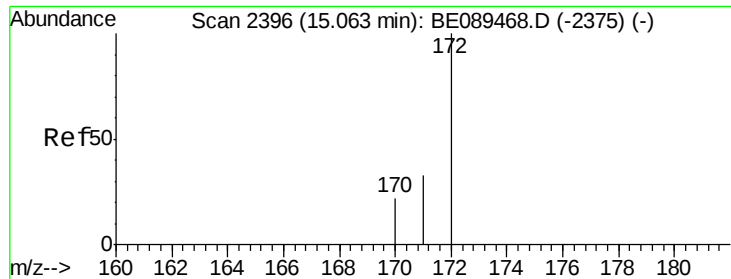
Tgt Ion:164 Resp: 373050
Ion Ratio Lower Upper
164 100
162 96.3 77.6 116.4
160 44.1 35.6 53.4



#14
2,4,6-Tribromophenol
Concen: 9.98 ng
RT: 18.54 min Scan# 3029
Delta R.T. 0.03 min
Lab File: BE089489.D
Acq: 4 Feb 2015 9:26

Tgt Ion:330 Resp: 161307
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 45.2 33.8 50.6

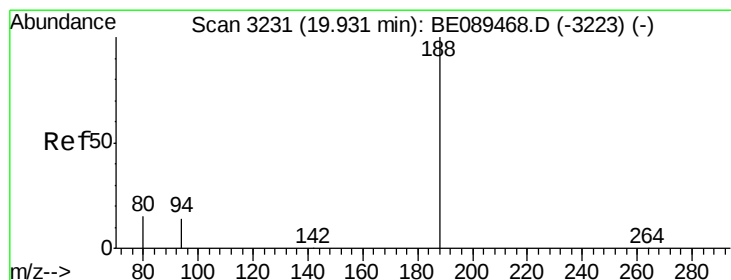
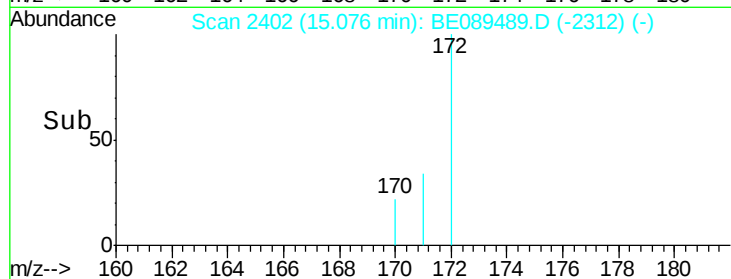
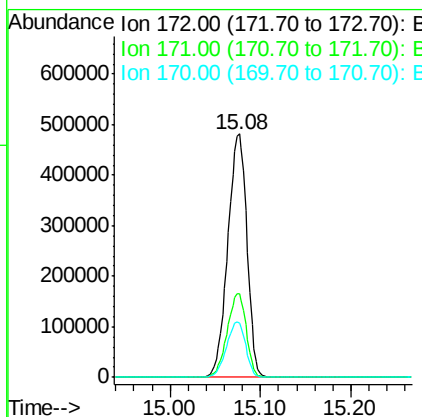
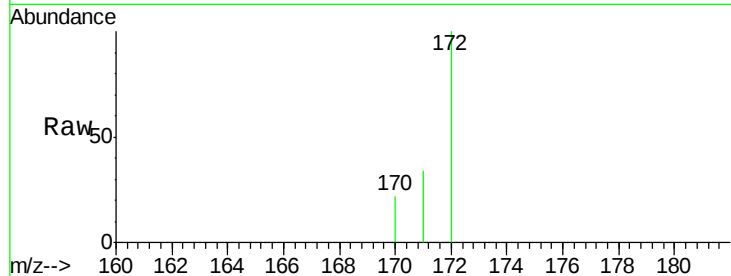




#15
2-Fluorobiphenyl
Concen: 7.15 ng
RT: 15.08 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BE089489.D
Acq: 4 Feb 2015 9:26

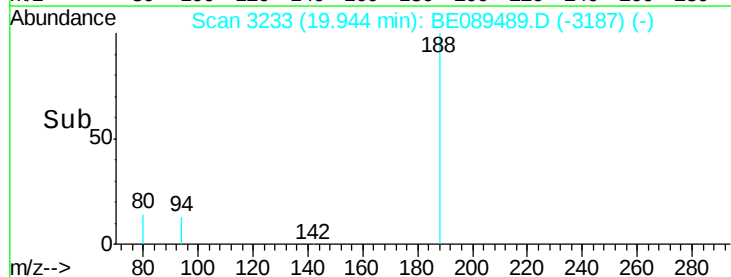
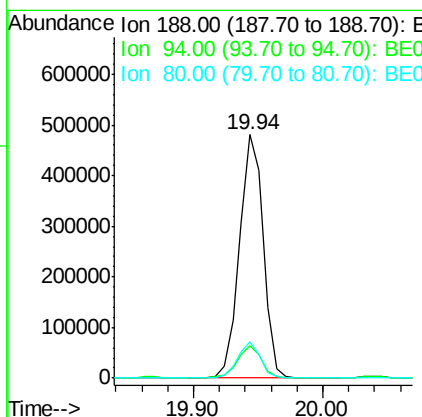
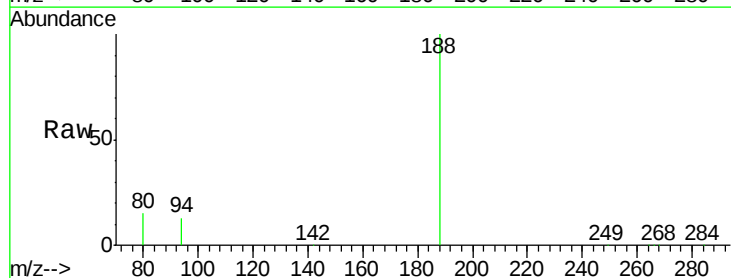
Instrument :
BNA_E
ClientSampleId :
MW-54

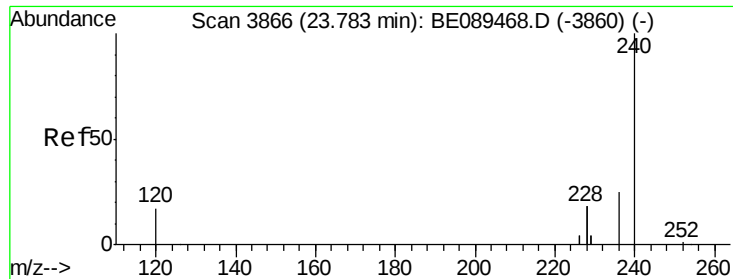
Tgt Ion:172 Resp: 702559
Ion Ratio Lower Upper
172 100
171 34.2 26.8 40.2
170 22.5 17.7 26.5



#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BE089489.D
Acq: 4 Feb 2015 9:26

Tgt Ion:188 Resp: 611854
Ion Ratio Lower Upper
188 100
94 13.5 11.1 16.7
80 14.7 11.8 17.6





#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.80 min Scan# 3867

Delta R.T. 0.02 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

Instrument :

BNA_E

ClientSampleId :

MW-54

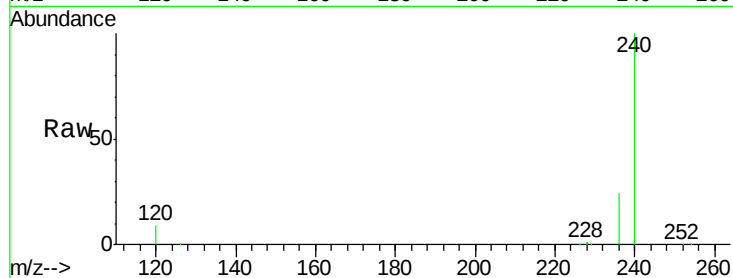
Tgt Ion:240 Resp: 532957

Ion Ratio Lower Upper

240 100

120 9.1 13.8 20.6#

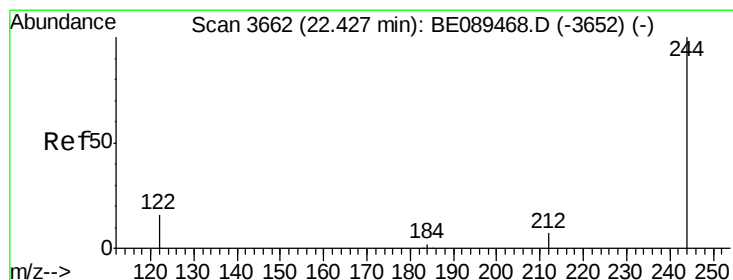
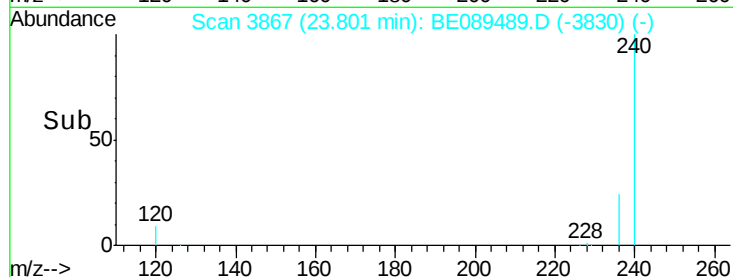
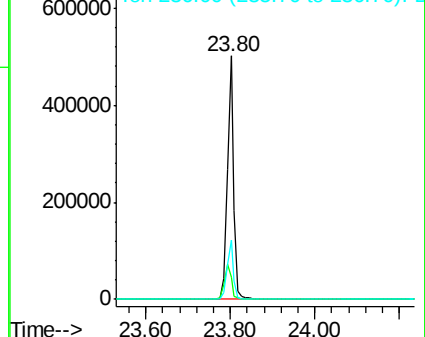
236 24.2 20.2 30.2



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



#22

Terphenyl-d14

Concen: 9.77 ng

RT: 22.44 min Scan# 3665

Delta R.T. 0.02 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

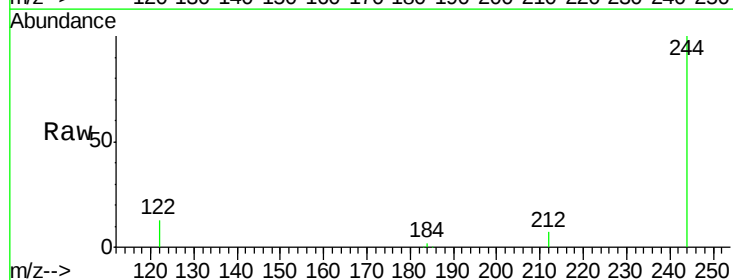
Tgt Ion:244 Resp: 738281

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

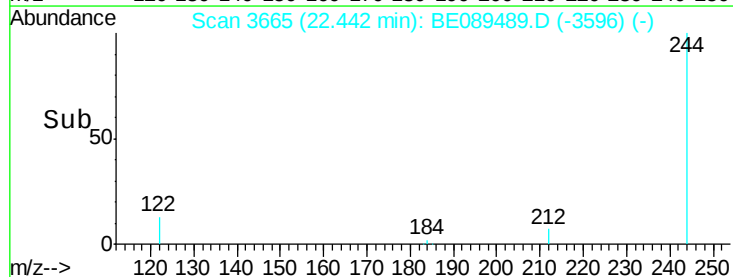
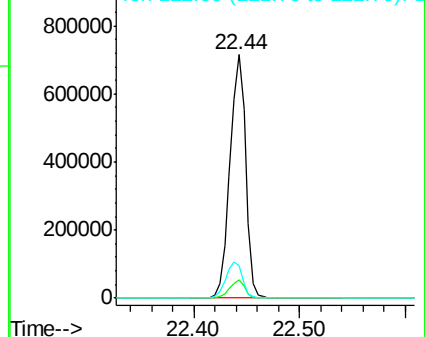
122 13.3 12.6 19.0

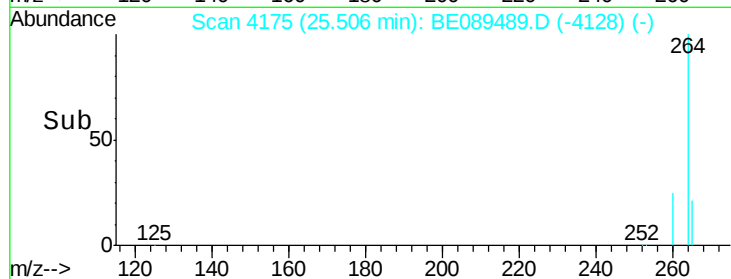
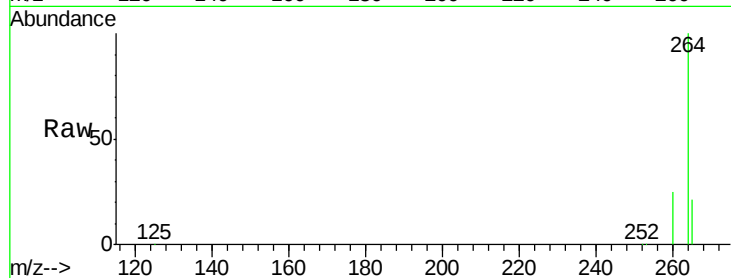
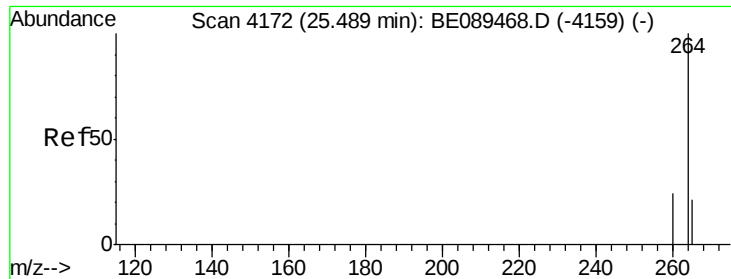


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Perylene-d12

Concen: 5.00 ng

RT: 25.51 min Scan# 4175

Delta R.T. 0.02 min

Lab File: BE089489.D

Acq: 4 Feb 2015 9:26

Instrument :

BNA_E

ClientSampleId :

MW-54

Tgt Ion: 264 Resp: 518201

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 21.2 17.0 25.6

