

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
 Data File : BE091567.D
 Acq On : 30 Mar 2016 23:12
 Operator : UM/SJ
 Sample : H1953-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-4

Quant Time: Mar 31 01:03:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

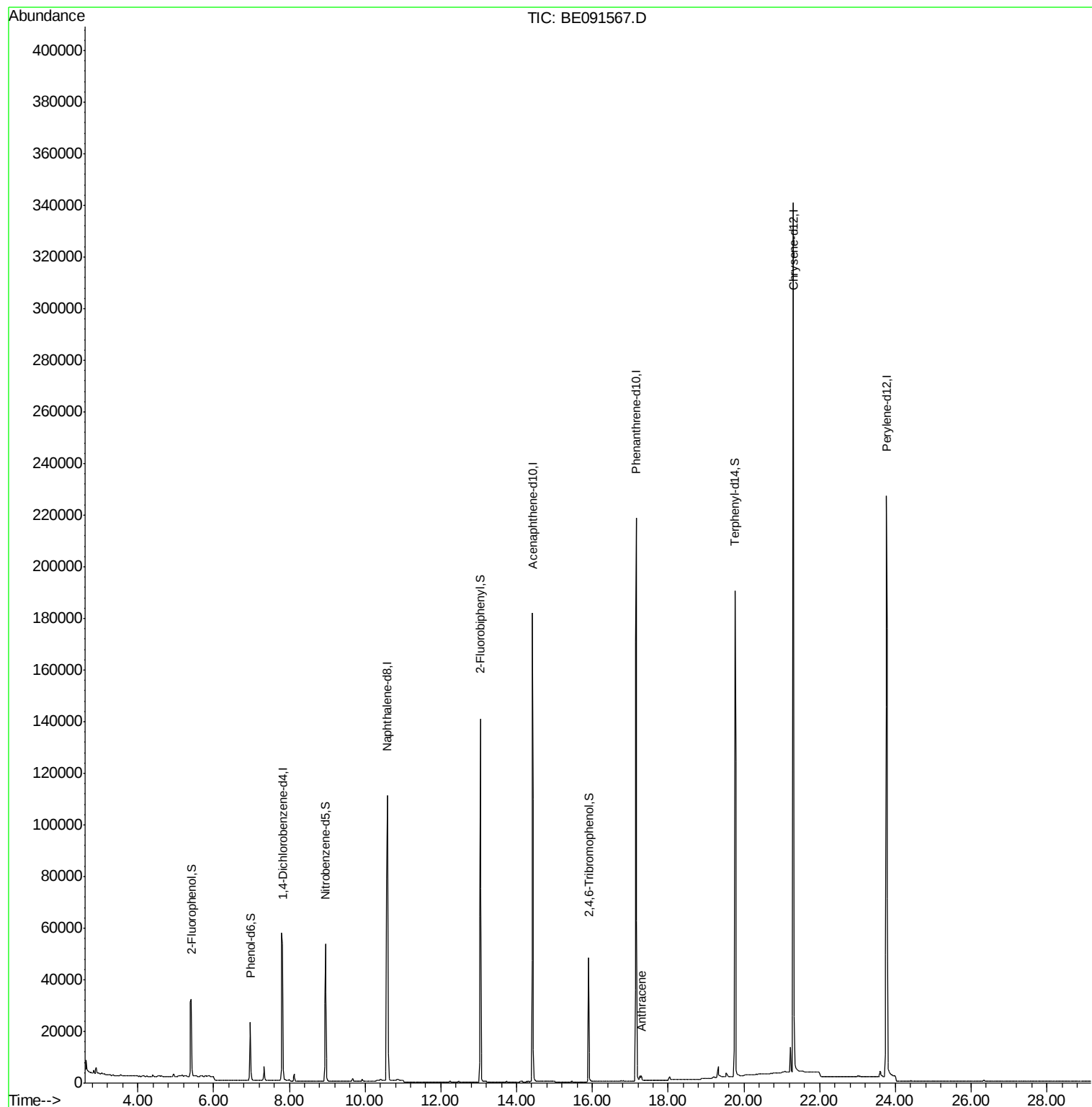
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	37690	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	183968	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	113198	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	312218	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	386806	5.00	ng	-0.02
28) Perylene-d12	23.76	264	332552	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	31276	3.17	ng	-0.01
5) Phenol-d6	6.97	99	28947	2.17	ng	-0.02
7) Nitrobenzene-d5	8.96	82	48234	3.91	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	33906	6.76	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	132140	4.11	ng	-0.02
24) Terphenyl-d14	19.76	244	301052	6.13	ng	-0.02
Target Compounds						
20) Anthracene	17.29	178	2360	0.04	ng	Qvalue 98

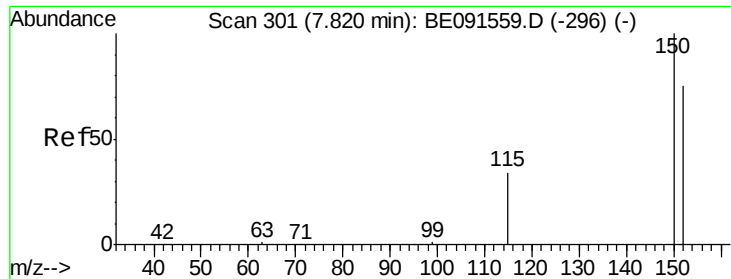
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091567.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

MW-4

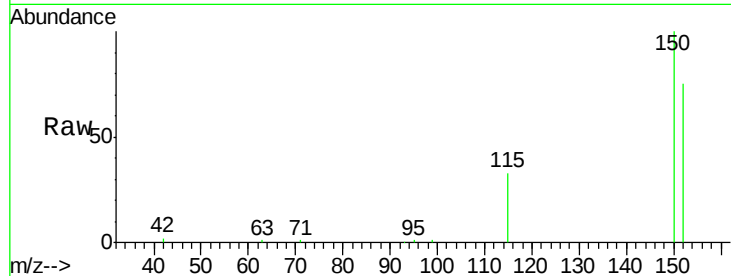
Tgt Ion:152 Resp: 37690

Ion Ratio Lower Upper

152 100

150 133.5 122.2 183.2

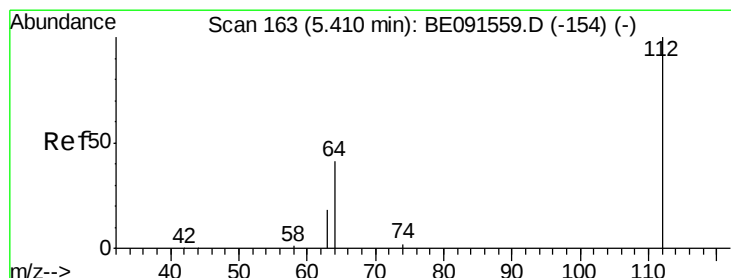
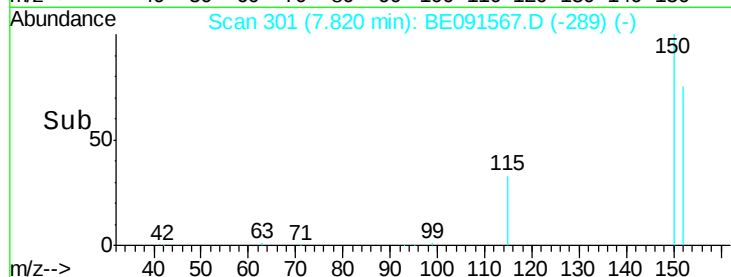
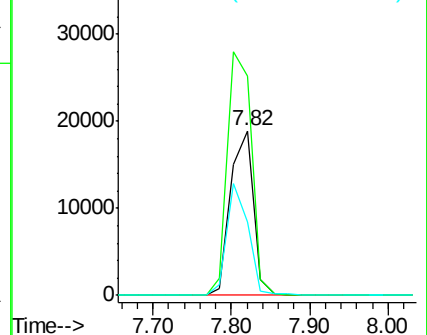
115 44.7 45.9 68.9#



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

2-Fluorophenol

Concen: 3.17 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.01 min

Lab File: BE091567.D

Acq: 30 Mar 2016 23:12

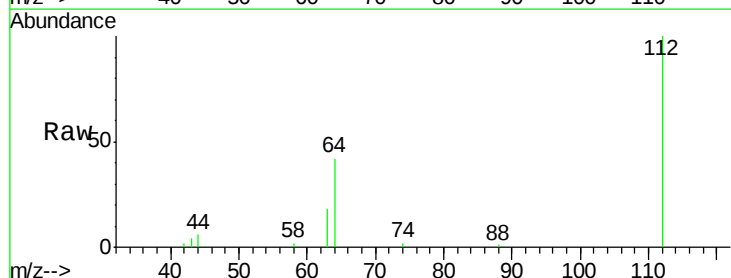
Tgt Ion:112 Resp: 31276

Ion Ratio Lower Upper

112 100

64 68.2 53.3 79.9

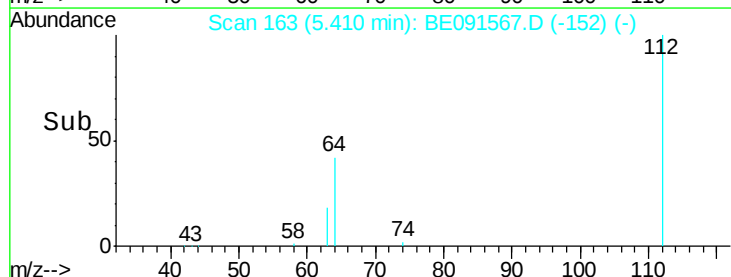
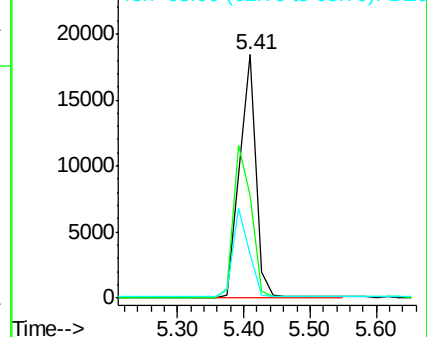
63 36.1 29.8 44.8

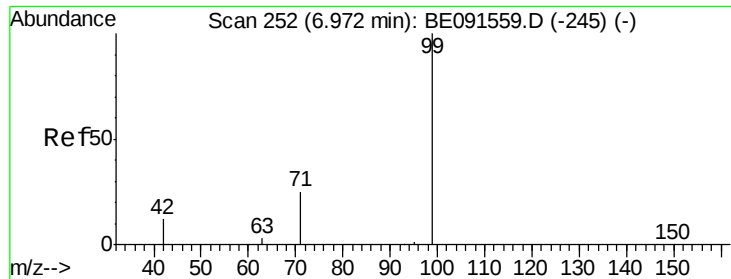


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.17 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091567.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

MW-4

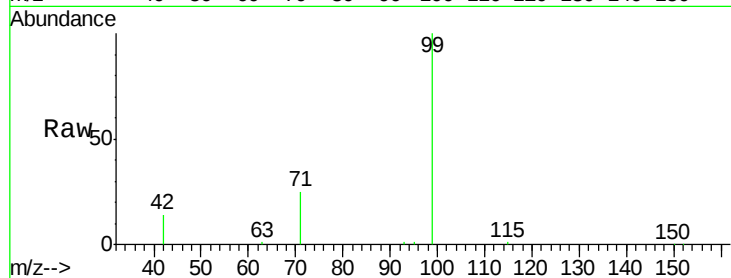
Tgt Ion: 99 Resp: 28947

Ion Ratio Lower Upper

99 100

42 24.4 20.6 30.8

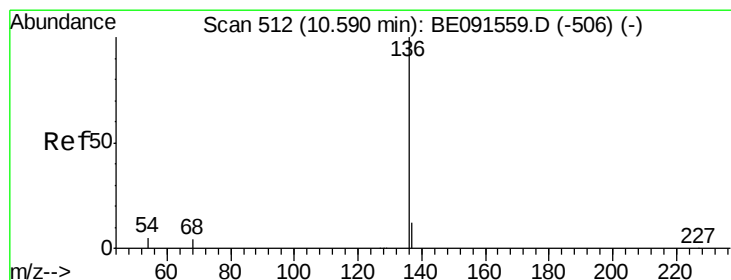
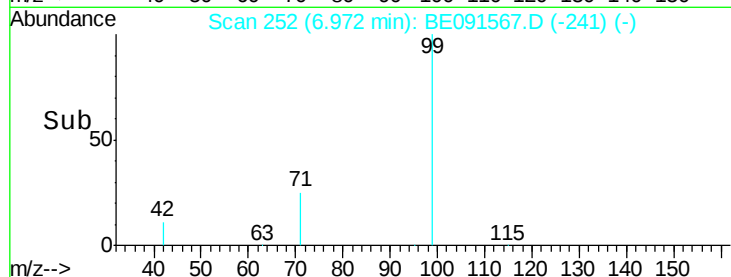
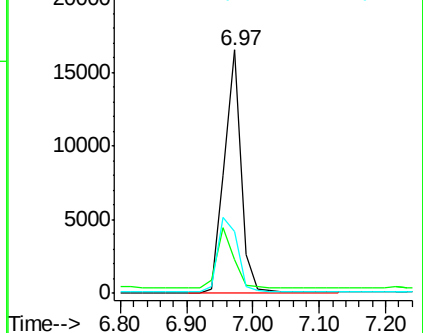
71 35.6 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091567.D

Acq: 30 Mar 2016 23:12

Tgt Ion: 136 Resp: 183968

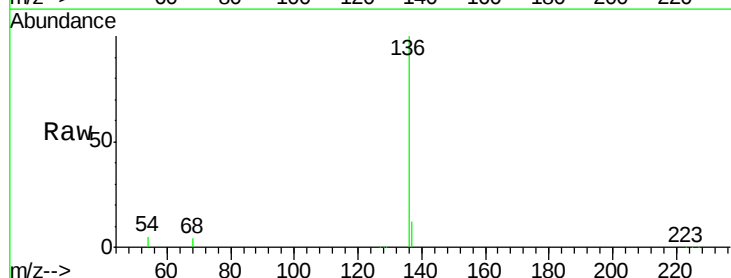
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.6 5.2 7.8#

68 3.8 4.1 6.1#

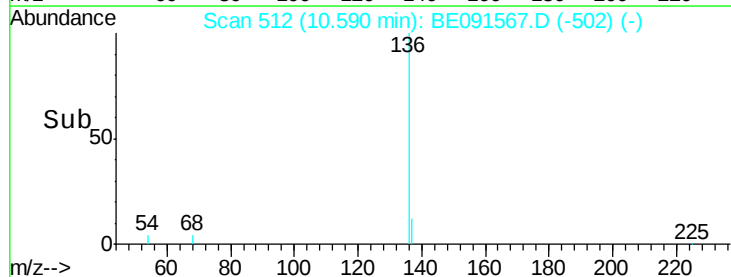
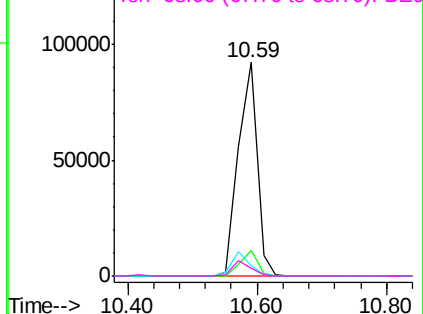


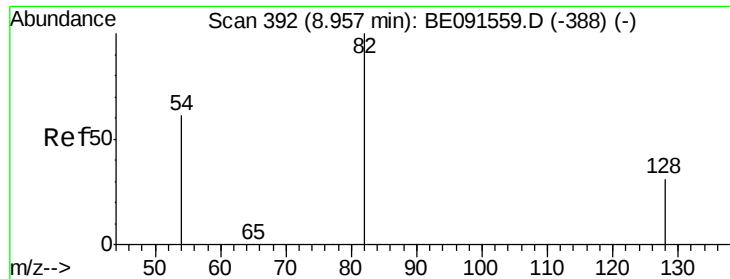
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 3.91 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091567.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

MW-4

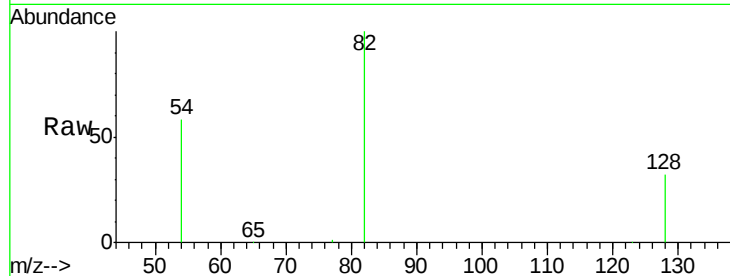
Tgt Ion: 82 Resp: 48234

Ion Ratio Lower Upper

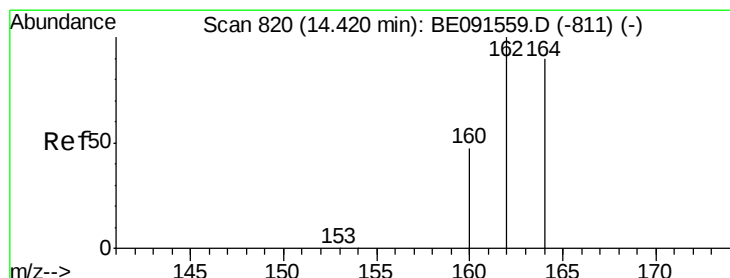
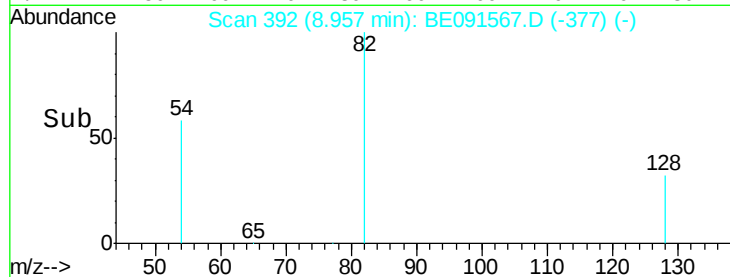
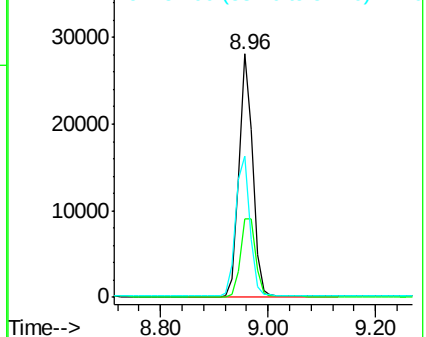
82 100

128 32.5 23.5 35.3

54 57.8 52.4 78.6



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091567.D

Acq: 30 Mar 2016 23:12

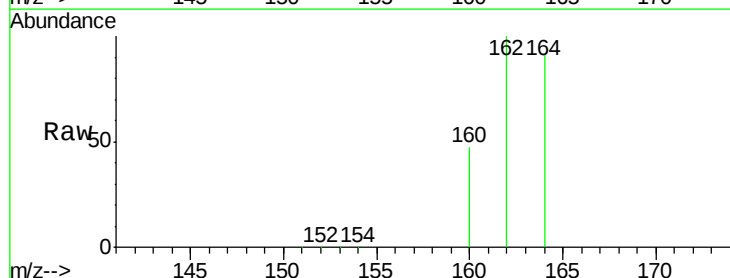
Tgt Ion: 164 Resp: 113198

Ion Ratio Lower Upper

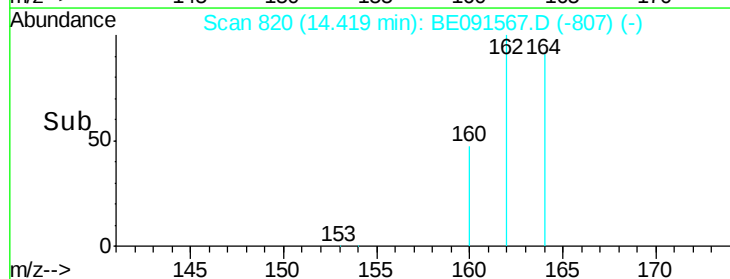
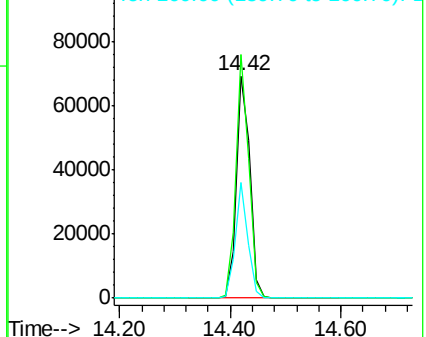
164 100

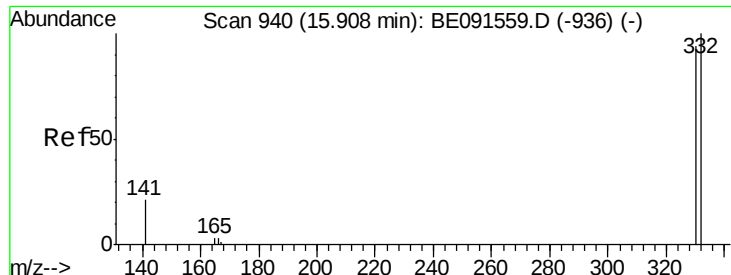
162 109.7 84.4 126.6

160 52.0 37.7 56.5



Abundance Ion 164.00 (163.70 to 164.70): BE0
Ion 162.00 (161.70 to 162.70): BE0
Ion 160.00 (159.70 to 160.70): BE0

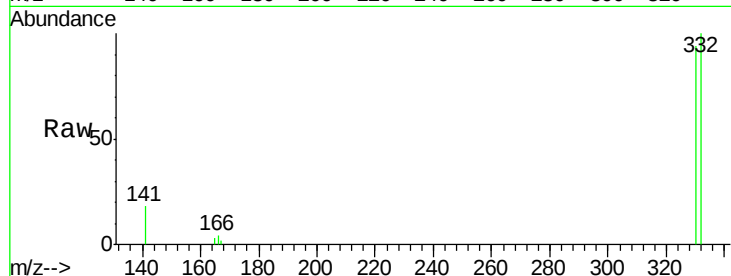




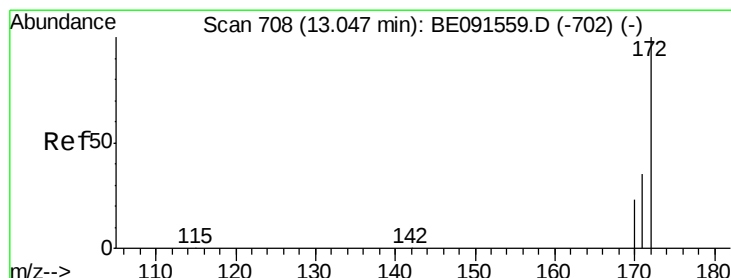
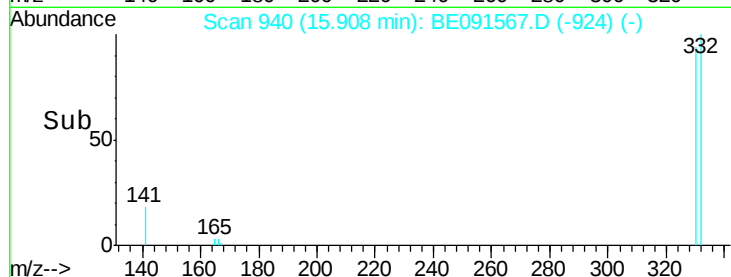
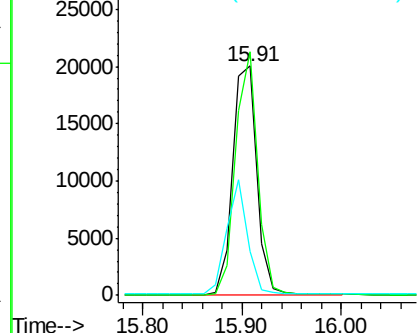
#11
 2,4,6-Tribromophenol
 Concen: 6.76 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091567.D
 Acq: 30 Mar 2016 23:12

Instrument :
 BNA_E
 ClientSampled :
 MW-4

Tgt Ion:330 Resp: 33906
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.2 118.8
 141 43.5 28.1 42.1#

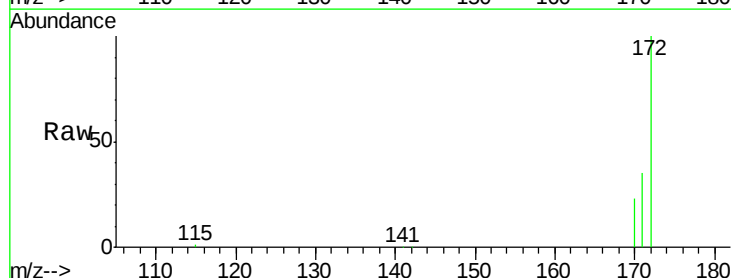


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

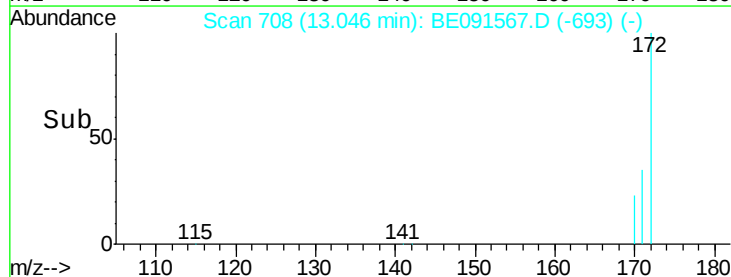
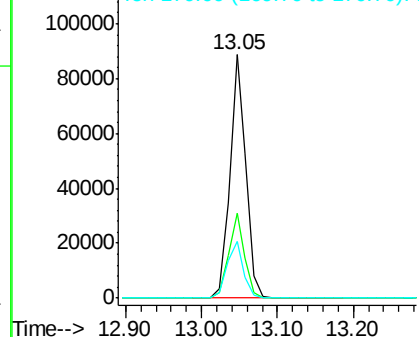


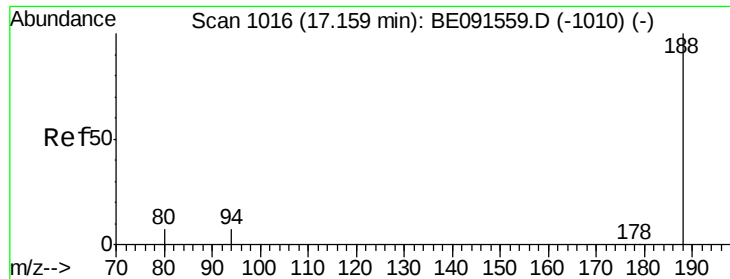
#12
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091567.D
 Acq: 30 Mar 2016 23:12

Tgt Ion:172 Resp: 132140
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.8 44.8
 170 23.2 21.4 32.2



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

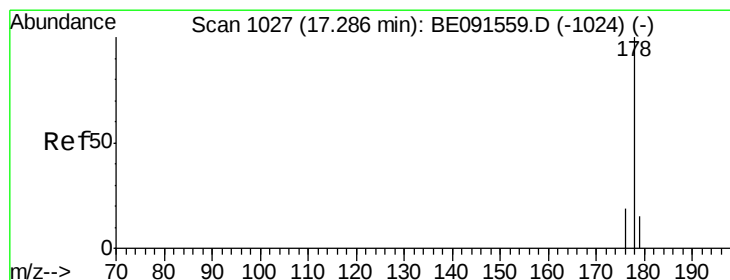
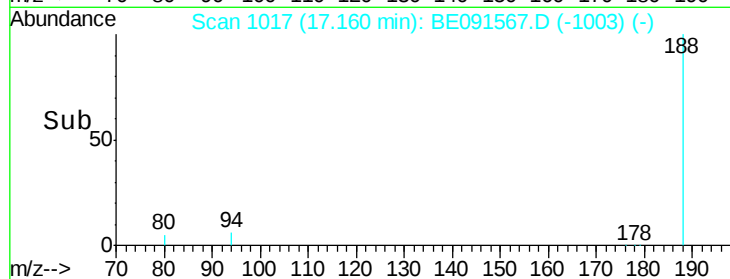
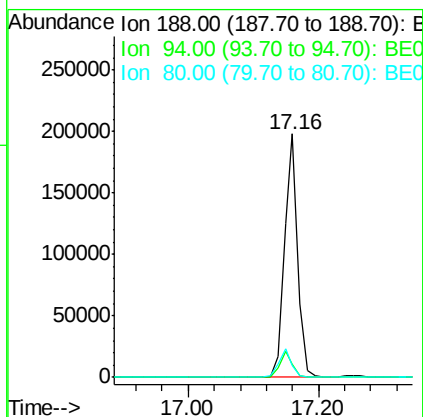
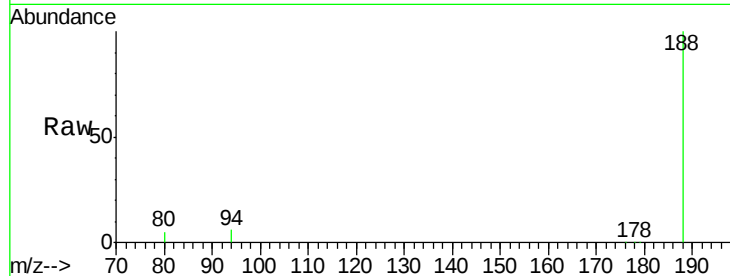




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091567.D
Acq: 30 Mar 2016 23:12

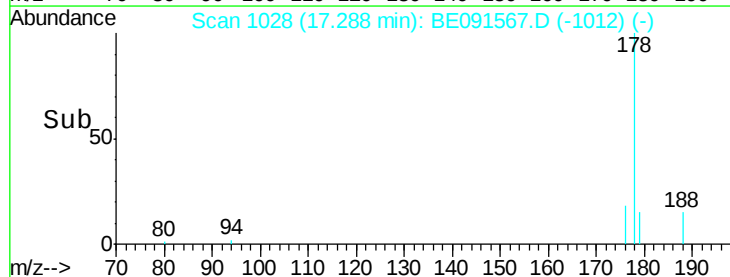
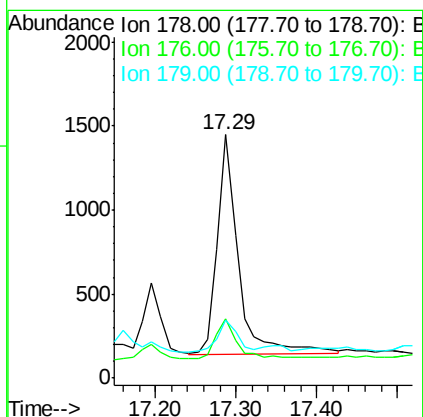
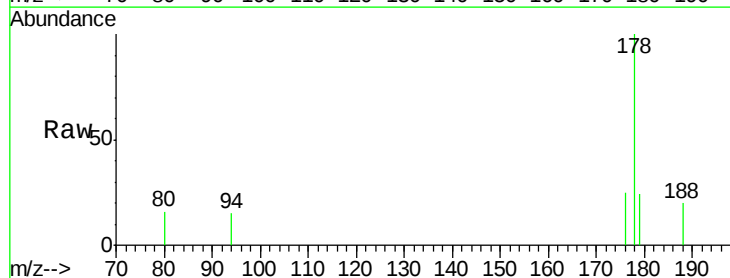
Instrument :
BNA_E
ClientSampled :
MW-4

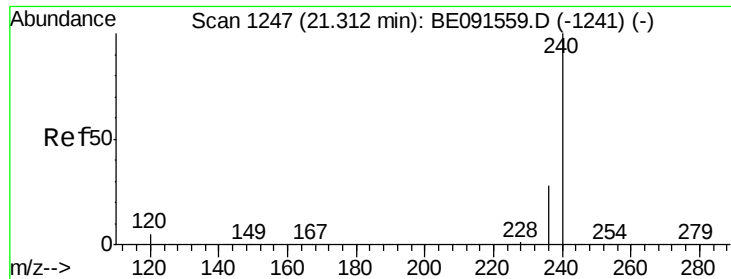
Tgt Ion:188 Resp: 312218
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.2
80 4.7 5.0 7.4#



#20
Anthracene
Concen: 0.04 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE091567.D
Acq: 30 Mar 2016 23:12

Tgt Ion:178 Resp: 2360
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 14.1 12.2 18.4

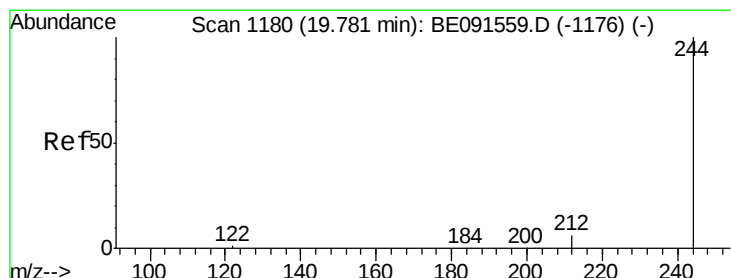
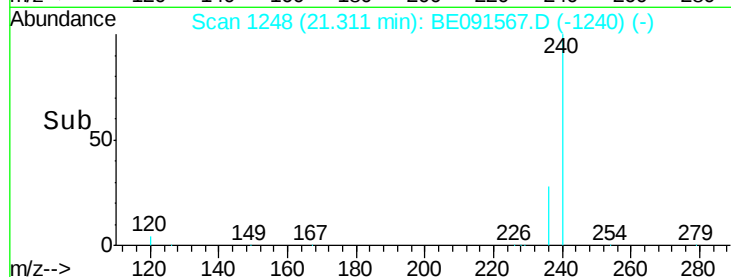
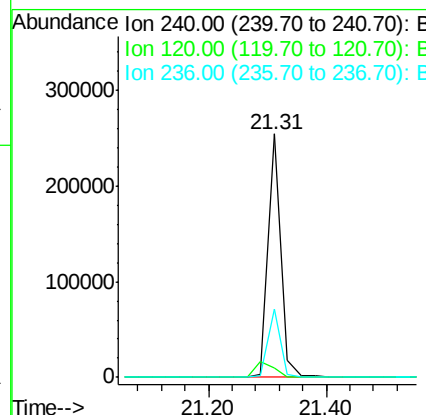
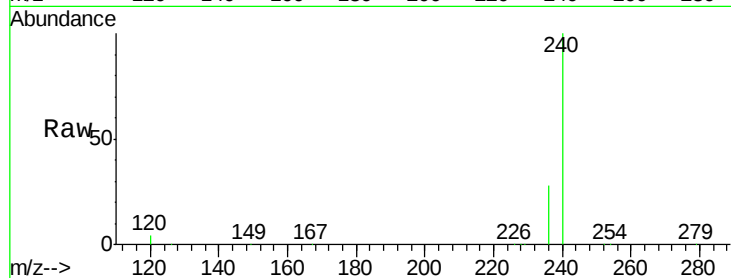




#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091567.D
Acq: 30 Mar 2016 23:12

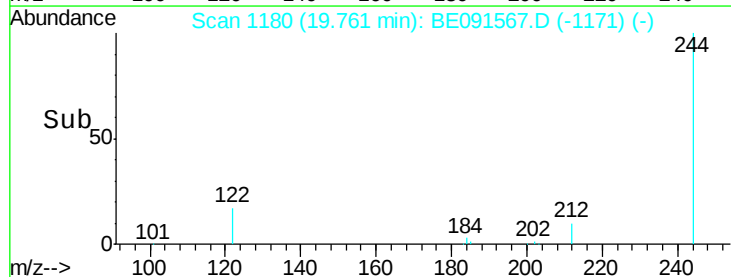
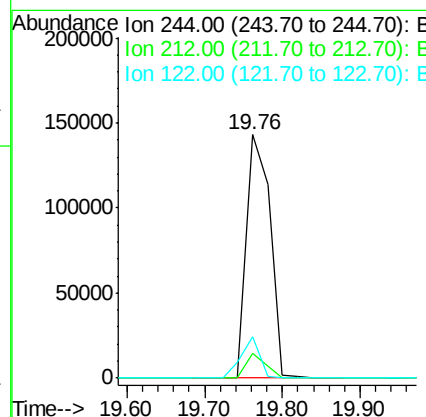
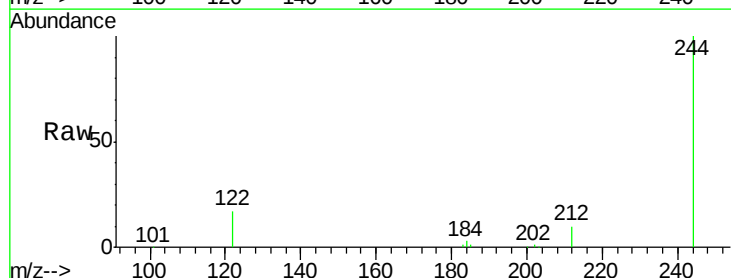
Instrument :
BNA_E
ClientSampleId :
MW-4

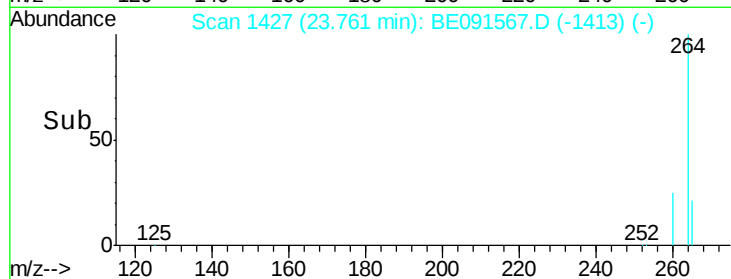
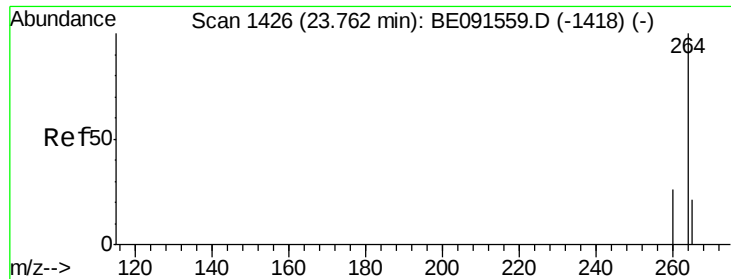
Tgt Ion:240 Resp: 386806
Ion Ratio Lower Upper
240 100
120 3.9 4.0 6.0#
236 28.1 23.0 34.4



#24
Terphenyl-d14
Concen: 6.13 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091567.D
Acq: 30 Mar 2016 23:12

Tgt Ion:244 Resp: 301052
Ion Ratio Lower Upper
244 100
212 10.2 5.8 8.8#
122 17.0 1.8 2.8#





#28

Perylene-d12

Concen: 5.00 ng

RT: 23.76 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE091567.D

Acq: 30 Mar 2016 23:12

Instrument :

BNA_E

ClientSampleId :

MW-4

Tgt Ion: 264 Resp: 332552

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

265 21.9 18.3 27.5

