

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089488.D
 Acq On : 4 Feb 2015 8:35
 Operator : TP/IZ
 Sample : G1110-09
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-15

Quant Time: Feb 04 11:26:50 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	9.54	152	155527	5.00	ng	0.00
7) Naphthalene-d8	12.44	136	621929	5.00	ng	0.00
13) Acenaphthene-d10	16.62	164	305676	5.00	ng	0.02
17) Phenanthrene-d10	19.94	188	504204	5.00	ng	0.01
20) Chrysene-d12	23.79	240	462329	5.00	ng	0.00
27) Perylene-d12	25.50	264	445102	5.00	ng	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	6.76	112	174720	3.47	ng	0.03
4) Phenol-d6	8.88	99	132326	2.10	ng	0.04
8) Nitrobenzene-d5	10.81	82	387581	8.24	ng	0.02
14) 2,4,6-Tribromophenol	18.54	330	113993	8.63	ng	0.03
15) 2-Fluorobiphenyl	15.07	172	562267	6.98	ng	0.01
22) Terphenyl-d14	22.44	244	587073	8.96	ng	0.00

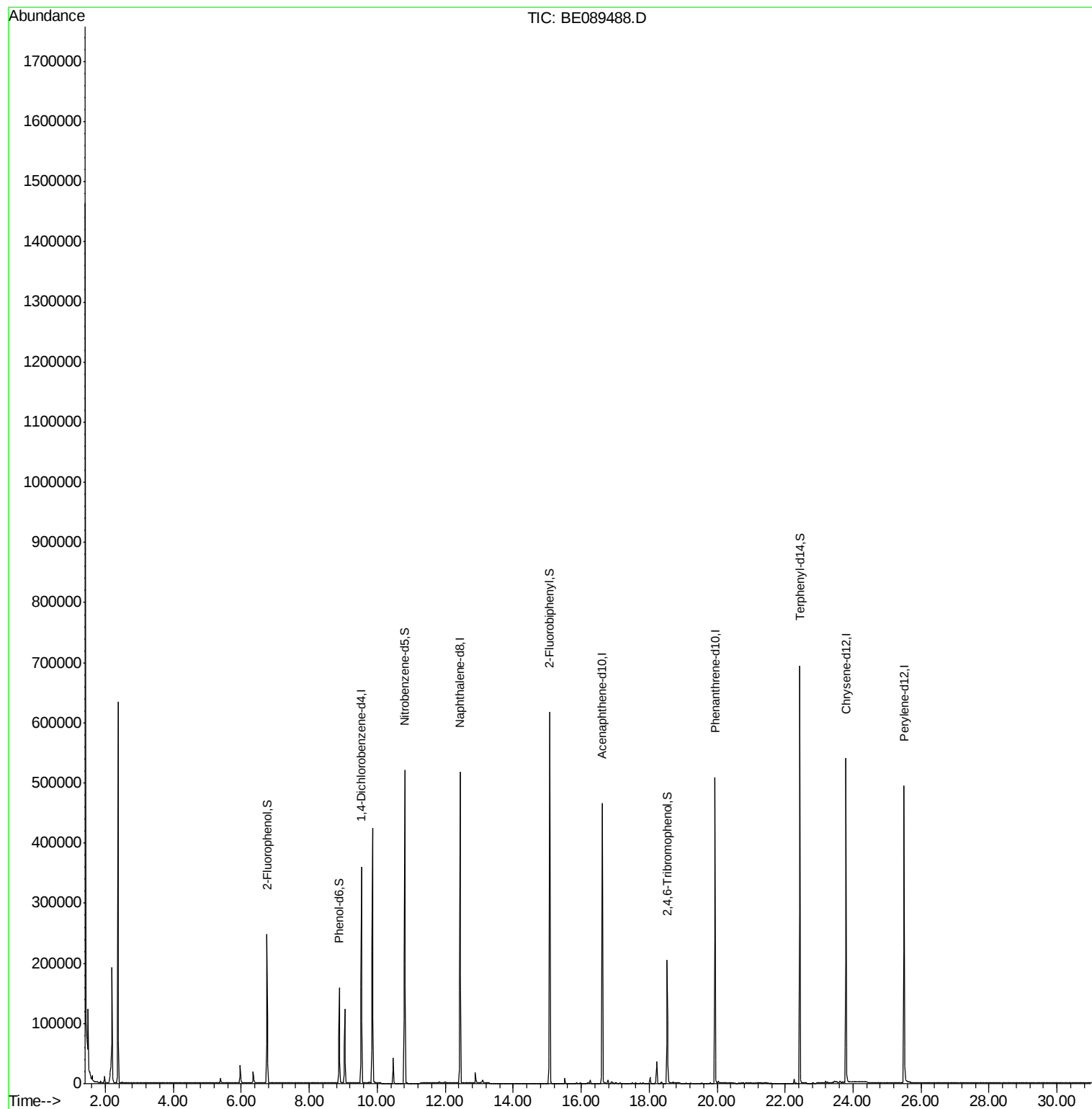
Target Compounds	Qvalue
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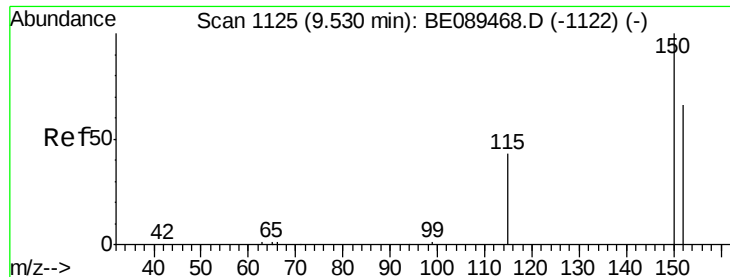
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 04 00:53:32 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.54 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-15

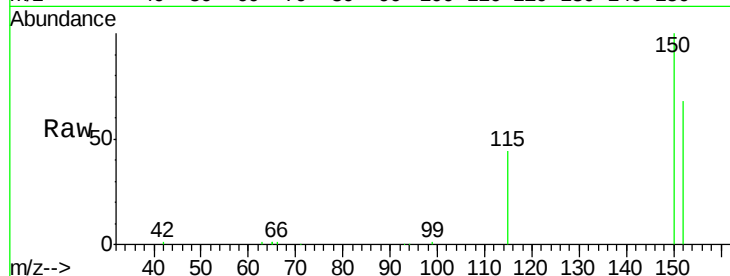
Tgt Ion:152 Resp: 155527

Ion Ratio Lower Upper

152 100

150 147.4 122.1 183.1

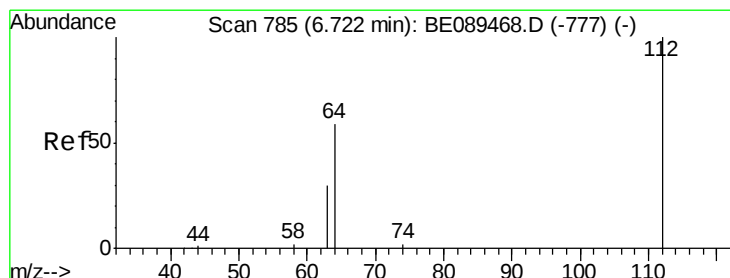
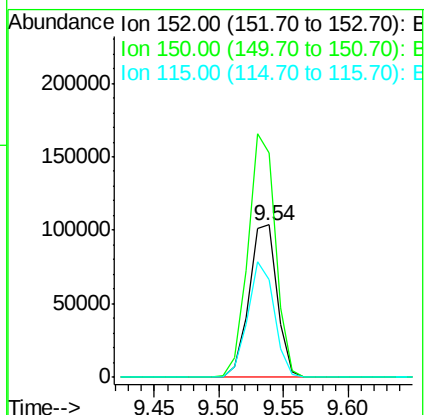
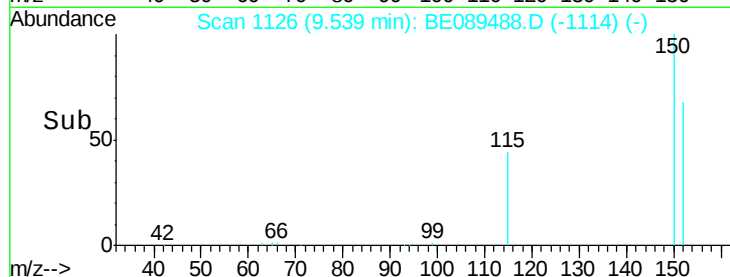
115 64.5 53.2 79.8



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: 3.47 ng

RT: 6.76 min Scan# 790

Delta R.T. 0.03 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

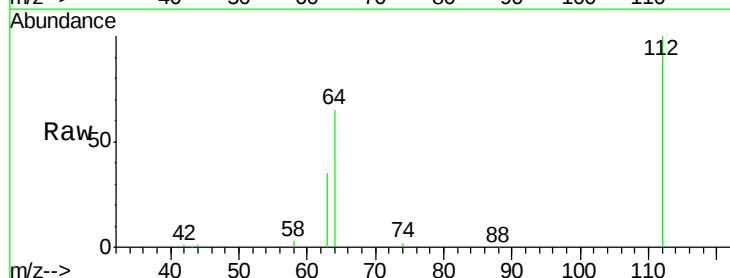
Tgt Ion:112 Resp: 174720

Ion Ratio Lower Upper

112 100

64 65.4 47.0 70.6

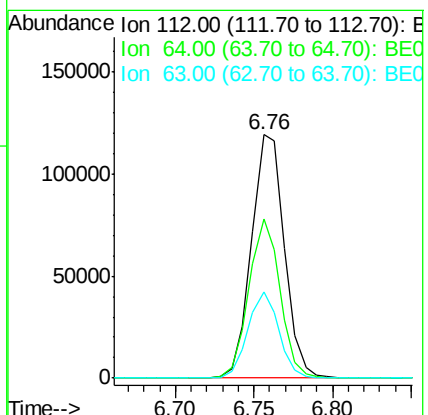
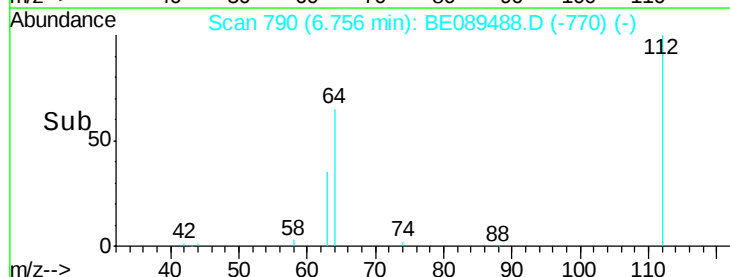
63 35.3 24.2 36.2

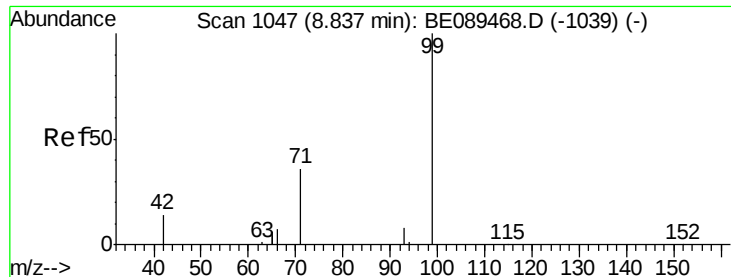


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 2.10 ng

RT: 8.88 min Scan# 1052

Delta R.T. 0.04 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-15

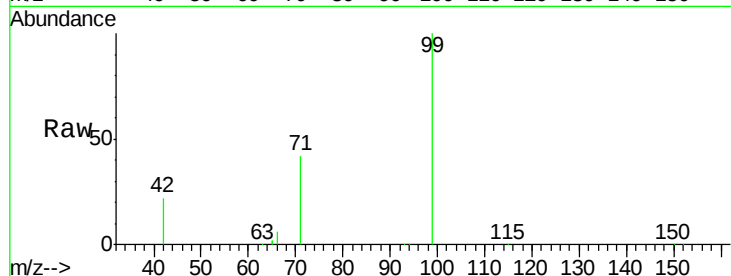
Tgt Ion: 99 Resp: 132326

Ion Ratio Lower Upper

99 100

42 22.2 11.8 17.6#

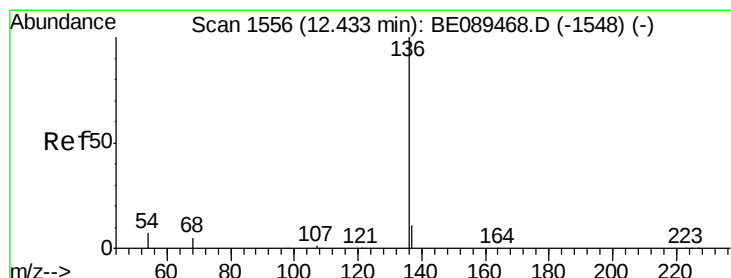
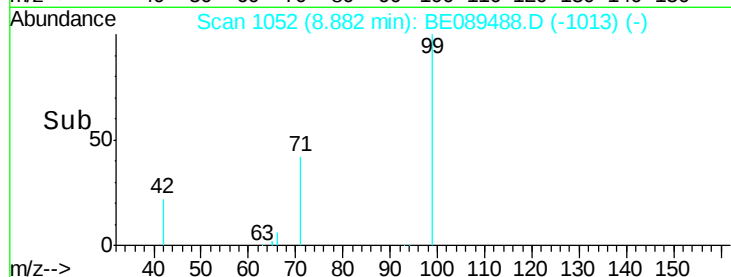
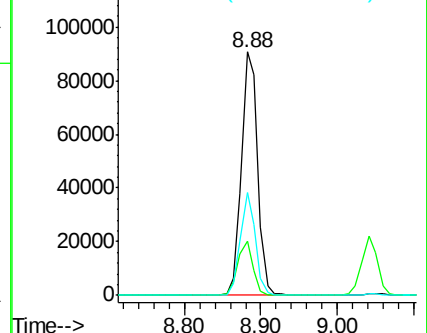
71 42.3 28.7 43.1



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.44 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

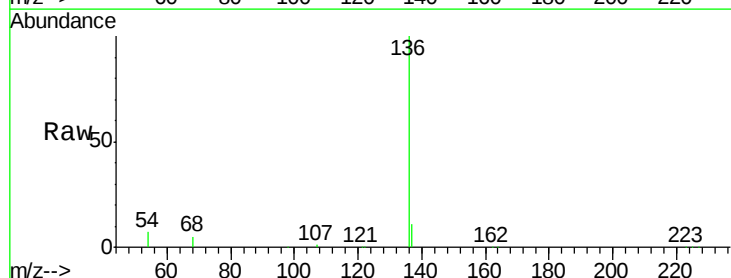
Tgt Ion: 136 Resp: 621929

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

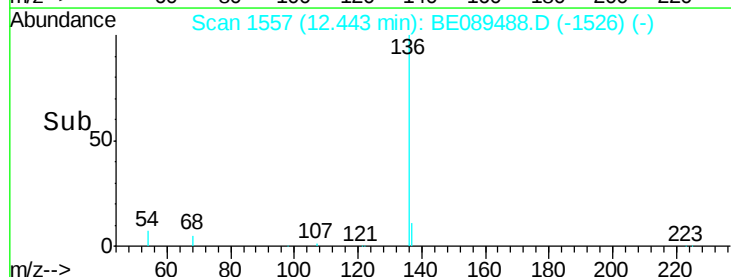
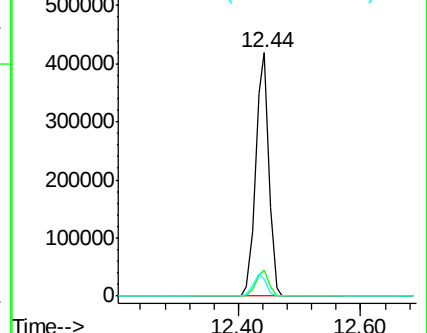
54 6.8 5.4 8.0

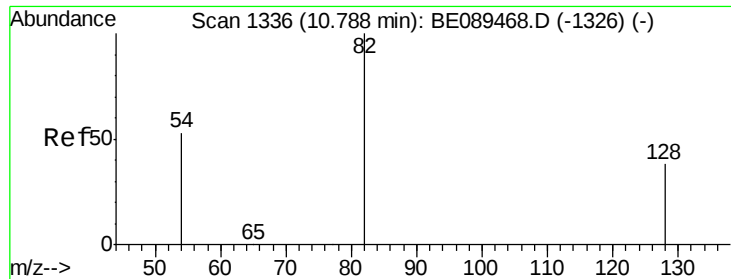


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene-d5

Concen: 8.24 ng

RT: 10.81 min Scan# 1340

Delta R.T. 0.02 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-15

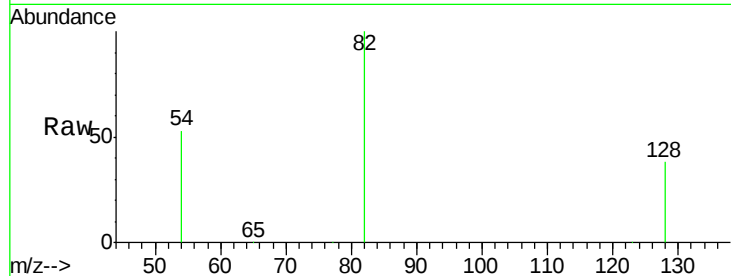
Tgt Ion: 82 Resp: 387581

Ion Ratio Lower Upper

82 100

128 38.2 30.3 45.5

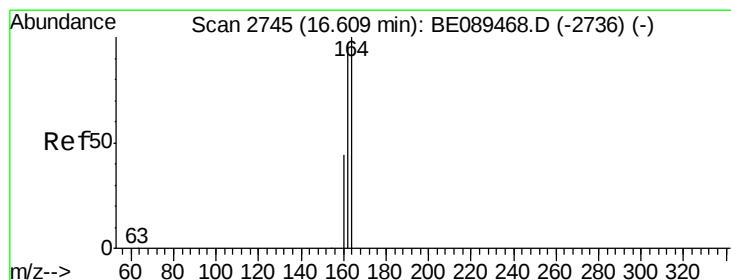
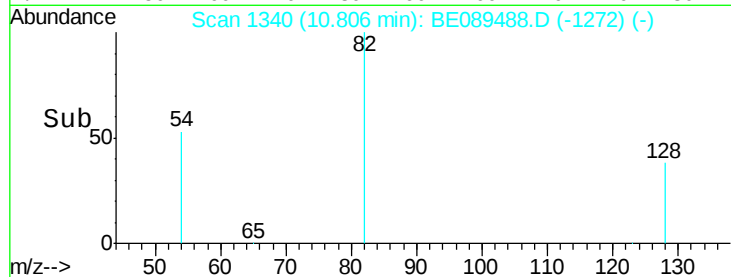
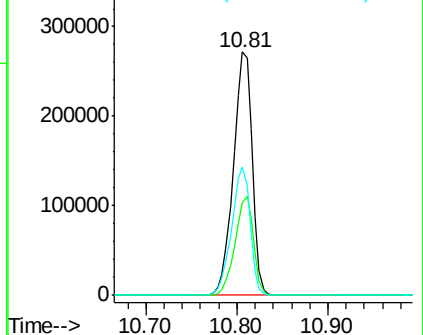
54 52.9 43.1 64.7



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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.62 min Scan# 2747

Delta R.T. 0.02 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

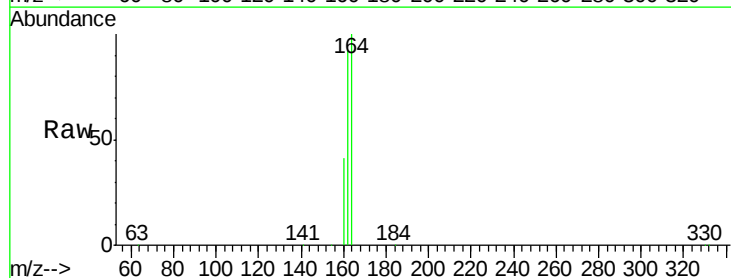
Tgt Ion: 164 Resp: 305676

Ion Ratio Lower Upper

164 100

162 92.4 77.6 116.4

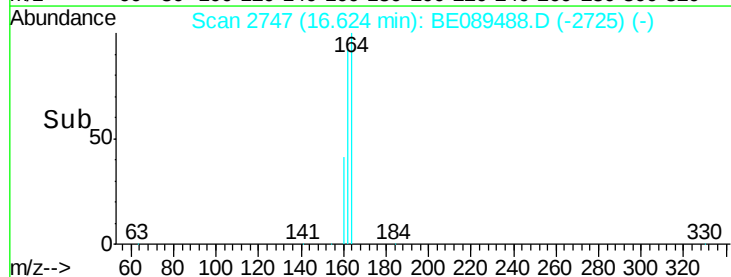
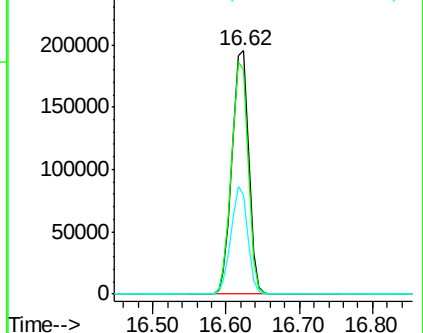
160 40.6 35.6 53.4

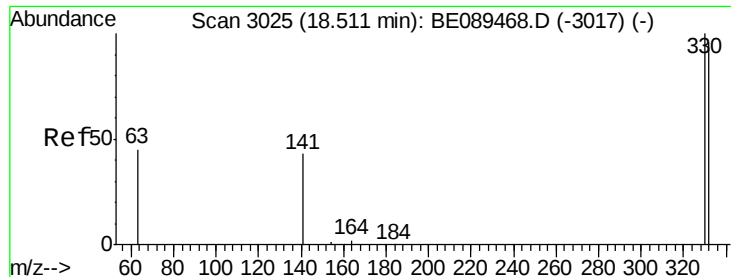


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

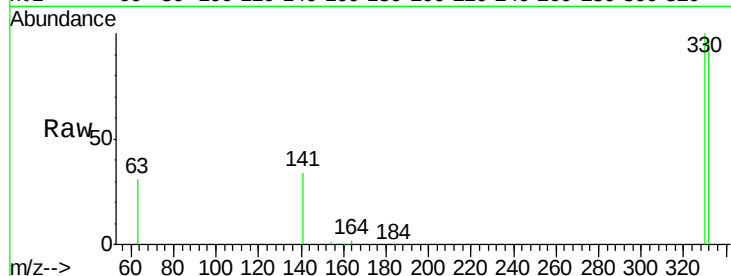




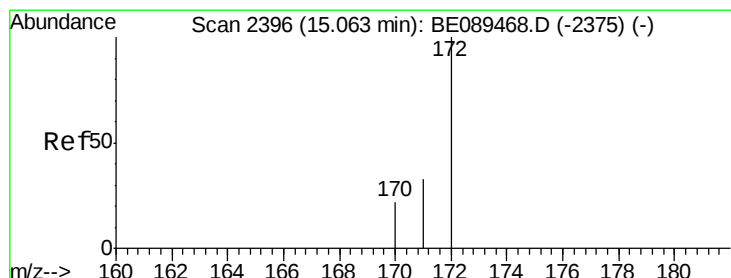
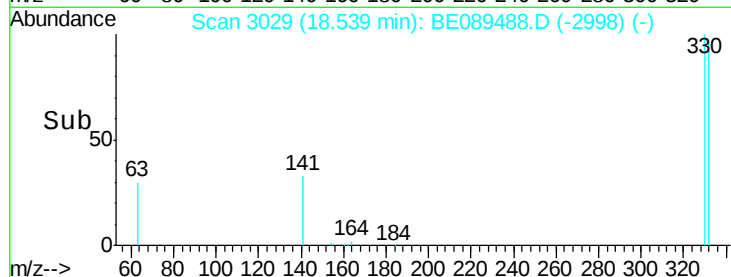
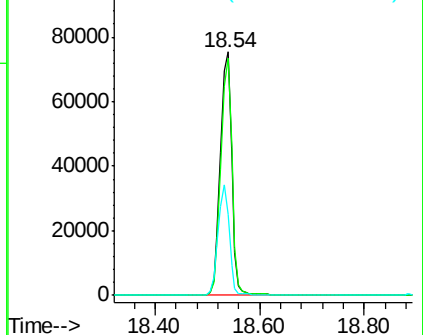
#14
 2,4,6-Tribromophenol
 Concen: 8.63 ng
 RT: 18.54 min Scan# 3029
 Delta R.T. 0.03 min
 Lab File: BE089488.D
 Acq: 4 Feb 2015 8:35

Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-15

Tgt Ion: 330 Resp: 113993
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 44.1 33.8 50.6

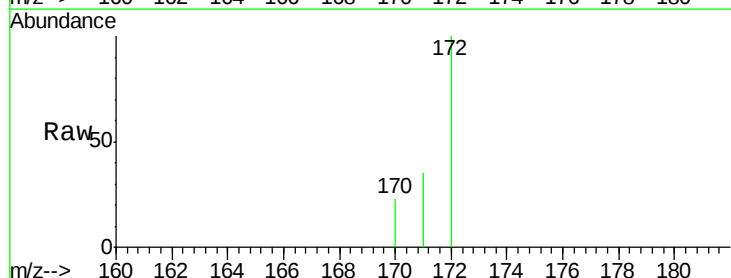


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

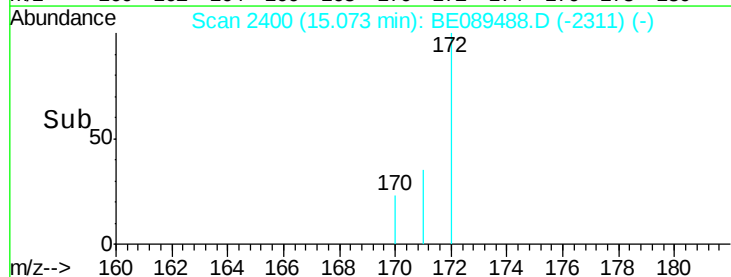
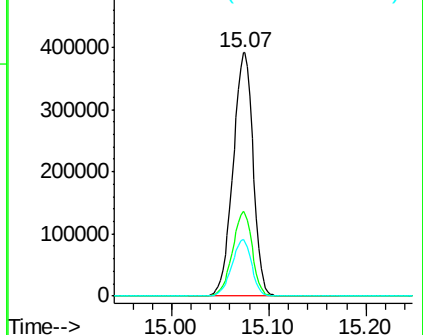


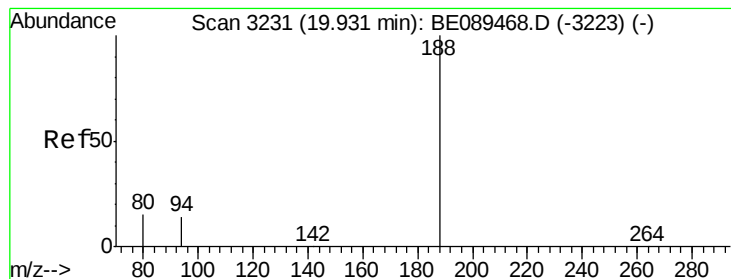
#15
 2-Fluorobiphenyl
 Concen: 6.98 ng
 RT: 15.07 min Scan# 2400
 Delta R.T. 0.01 min
 Lab File: BE089488.D
 Acq: 4 Feb 2015 8:35

Tgt Ion: 172 Resp: 562267
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.8 40.2
 170 23.3 17.7 26.5



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





#17

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.94 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-15

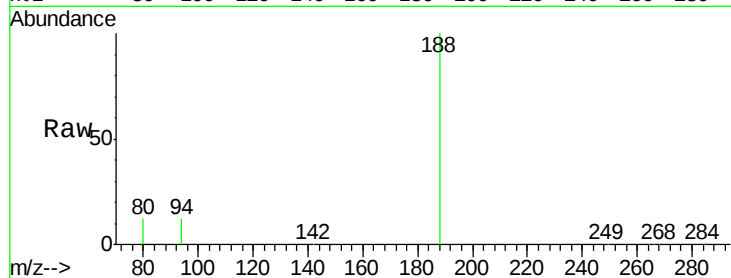
Tgt Ion:188 Resp: 504204

Ion Ratio Lower Upper

188 100

94 12.0 11.1 16.7

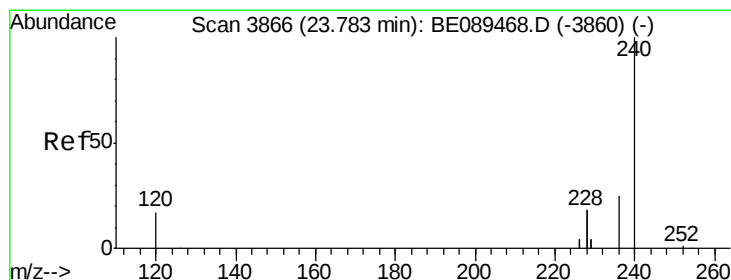
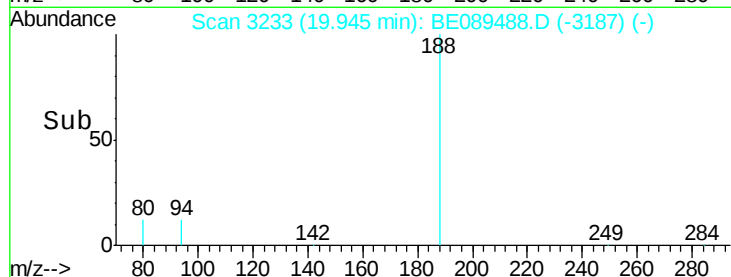
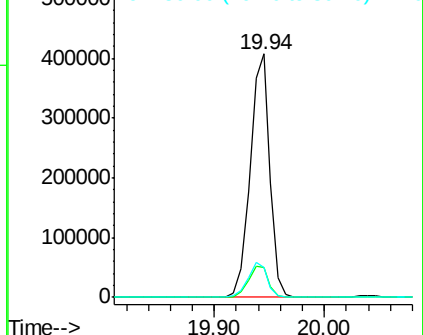
80 12.4 11.8 17.6



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



#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.79 min Scan# 3867

Delta R.T. 0.01 min

Lab File: BE089488.D

Acq: 4 Feb 2015 8:35

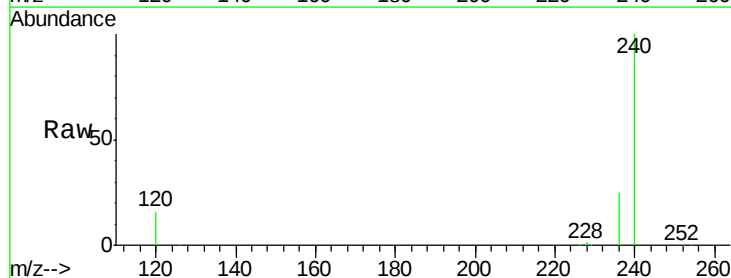
Tgt Ion:240 Resp: 462329

Ion Ratio Lower Upper

240 100

120 16.4 13.8 20.6

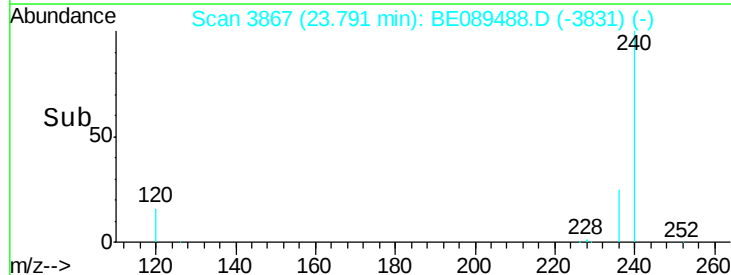
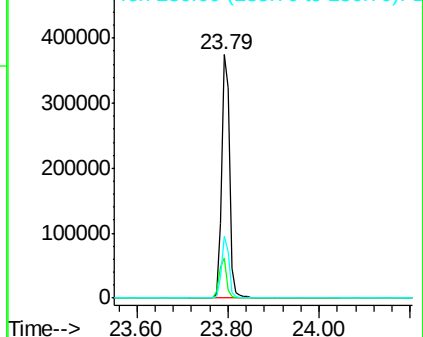
236 25.5 20.2 30.2

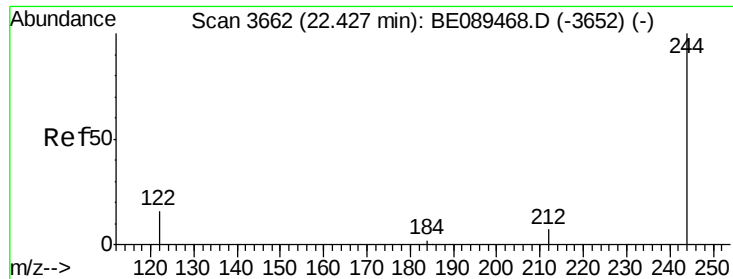


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

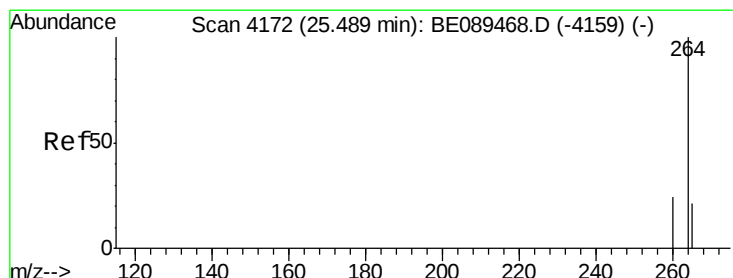
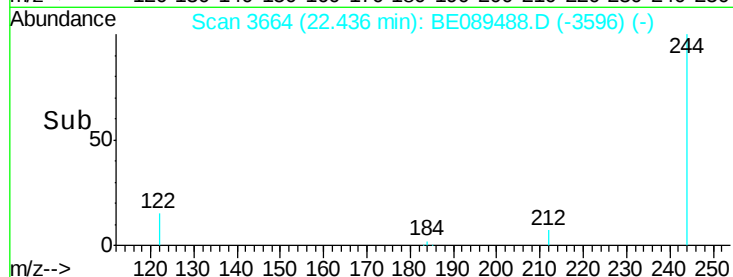
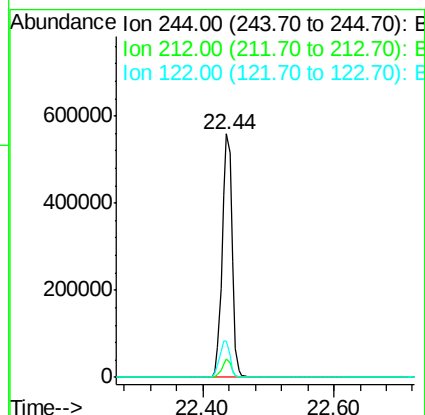
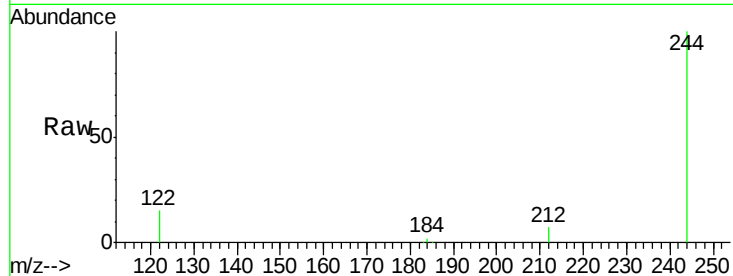




#22
 Terphenyl-d14
 Concen: 8.96 ng
 RT: 22.44 min Scan# 3664
 Delta R.T. 0.01 min
 Lab File: BE089488.D
 Acq: 4 Feb 2015 8:35

Instrument :
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Tgt Ion: 244 Resp: 587073
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 14.9 12.6 19.0



#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.50 min Scan# 4175
 Delta R.T. 0.01 min
 Lab File: BE089488.D
 Acq: 4 Feb 2015 8:35

Tgt Ion: 264 Resp: 445102
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 17.0 25.6

