

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012815\
 Data File : BE089406.D
 Acq On : 29 Jan 2015 2:23
 Operator : TP/IZ
 Sample : G1110-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-10

Quant Time: Jan 29 13:34:28 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 13:20:14 2015
 Response via : Initial Calibration

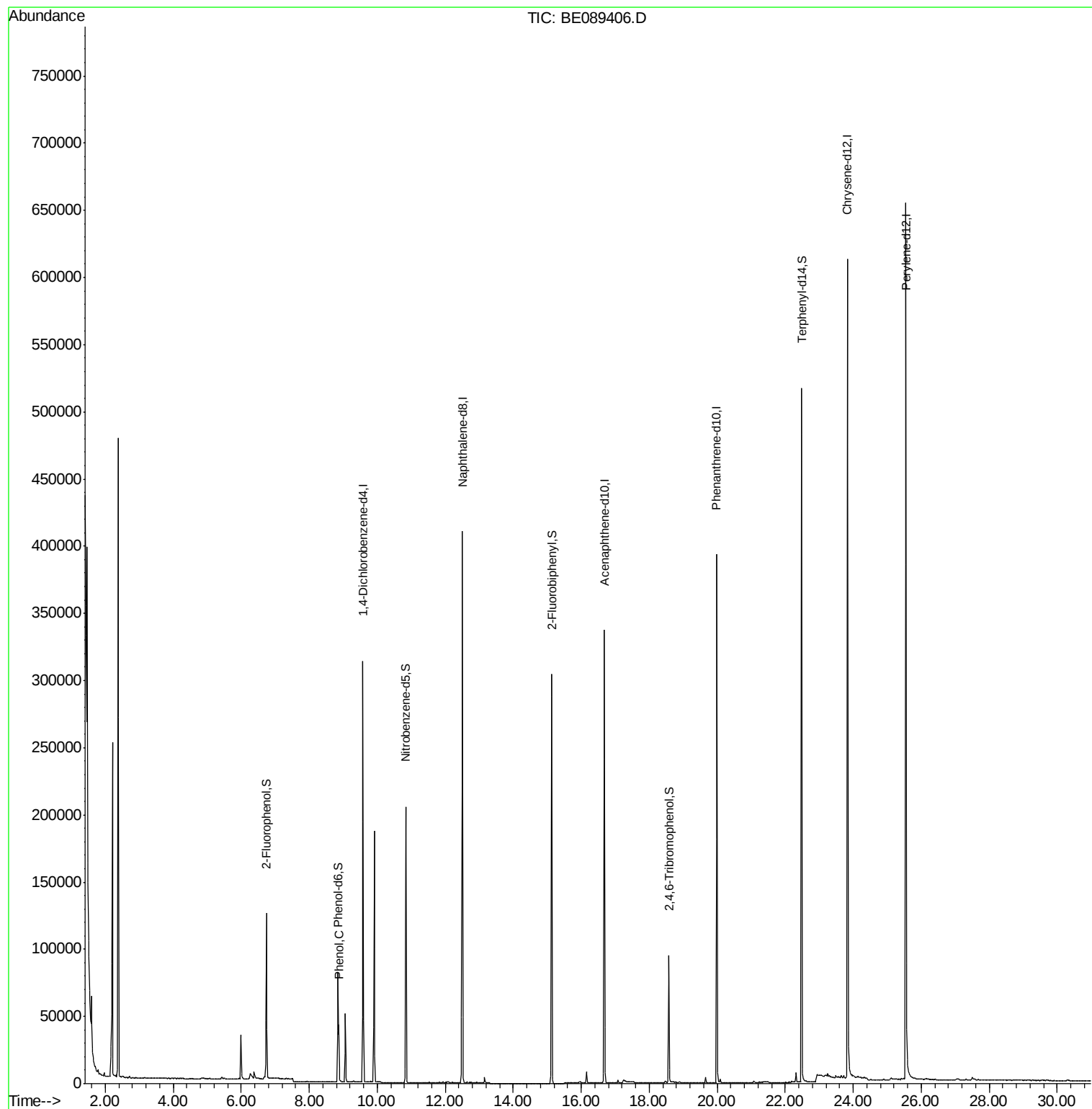
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	131483	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	453844	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	205992	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	395208	5.00	ng	0.00
20) Chrysene-d12	23.84	240	515447	5.00	ng	0.00
27) Perylene-d12	25.55	264	608895	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	84348	2.05	ng	0.00
4) Phenol-d6	8.85	99	69500	1.37	ng	0.00
8) Nitrobenzene-d5	10.84	82	144736	4.53	ng	0.00
14) 2,4,6-Tribromophenol	18.58	330	50292	10.75	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	265447	4.25	ng	0.00
22) Terphenyl-d14	22.48	244	417426	7.31	ng	0.00
Target Compounds						
5) Phenol	8.88	94	22482	0.42	ng	Qvalue # 43

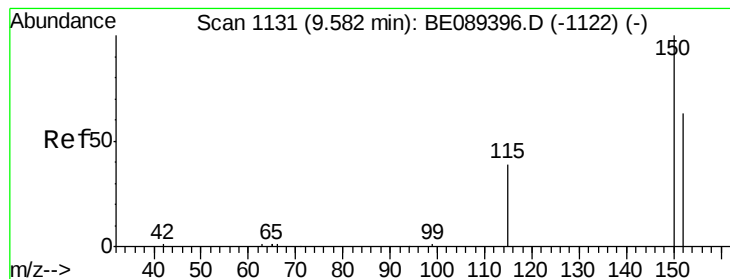
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

Instrument :

BNA_E

ClientSampleId :

MW-10

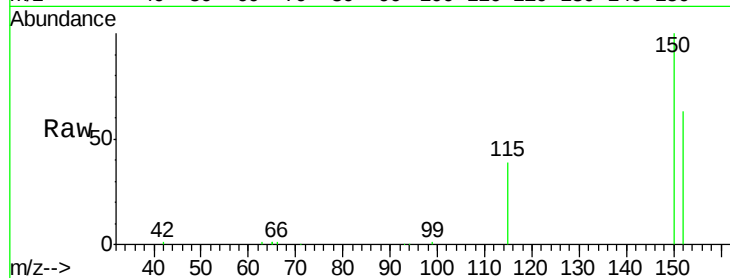
Tgt Ion:152 Resp: 131483

Ion Ratio Lower Upper

152 100

150 157.8 127.2 190.8

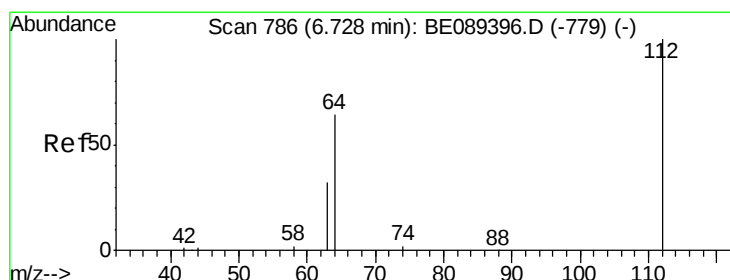
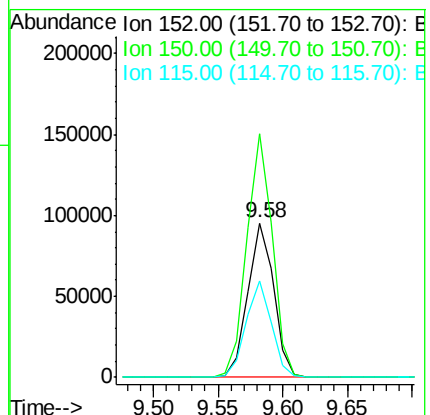
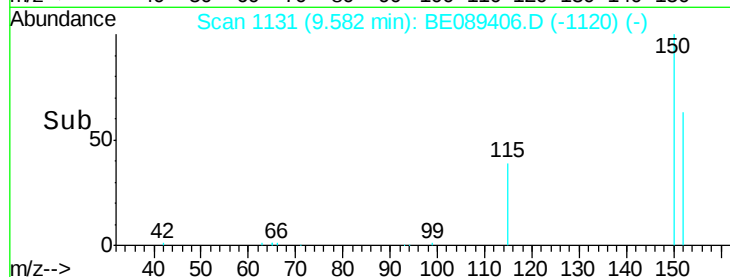
115 62.1 49.3 73.9



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



#3

2-Fluorophenol

Concen: 2.05 ng

RT: 6.74 min Scan# 787

Delta R.T. 0.01 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

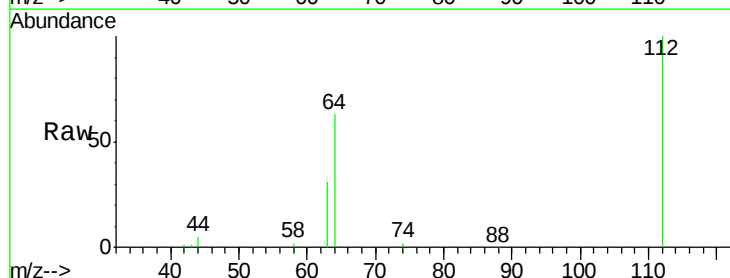
Tgt Ion:112 Resp: 84348

Ion Ratio Lower Upper

112 100

64 62.6 51.7 77.5

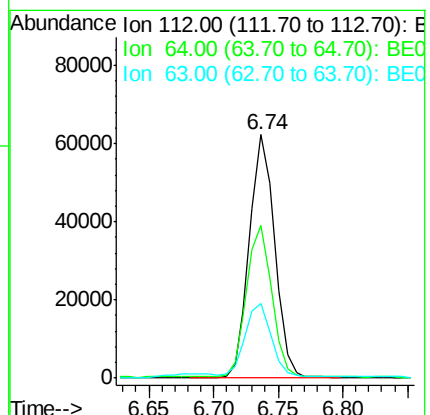
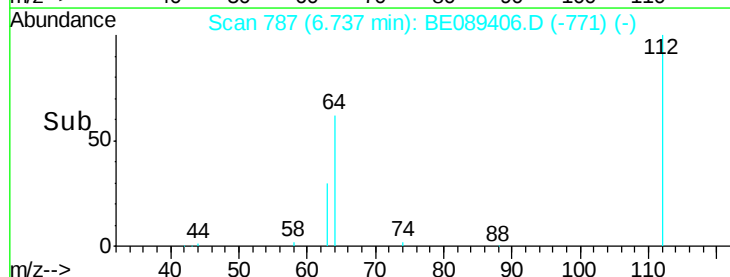
63 30.5 25.7 38.5

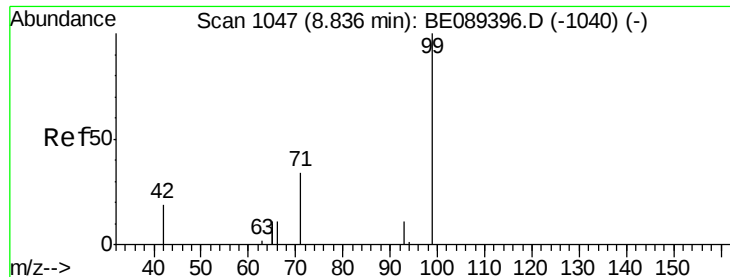


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 1.37 ng

RT: 8.85 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

Instrument :

BNA_E

ClientSampleId :

MW-10

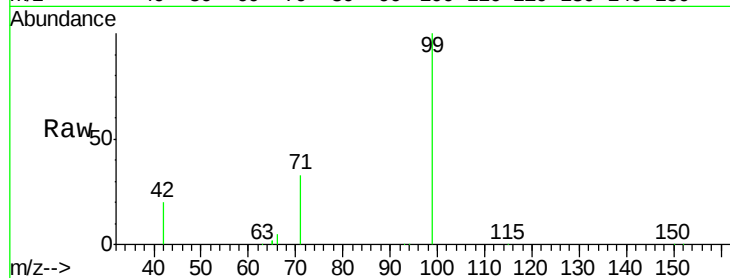
Tgt Ion: 99 Resp: 69500

Ion Ratio Lower Upper

99 100

42 19.8 15.3 22.9

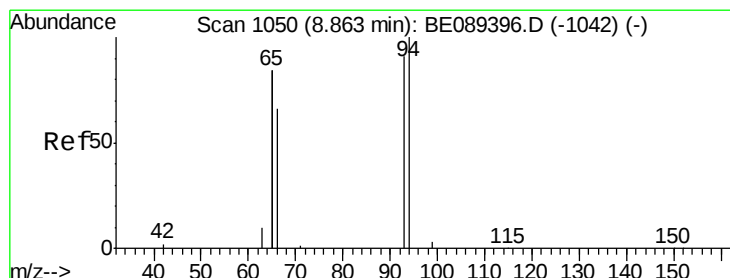
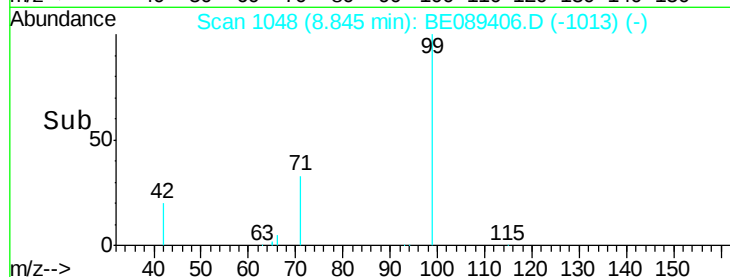
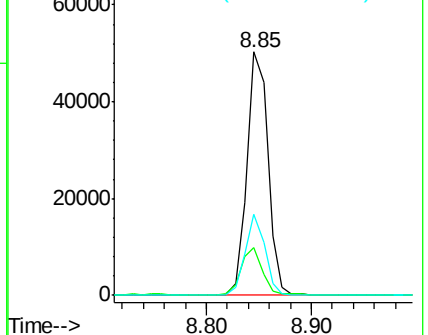
71 33.5 27.0 40.6



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



#5

Phenol

Concen: 0.42 ng

RT: 8.88 min Scan# 1052

Delta R.T. 0.02 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

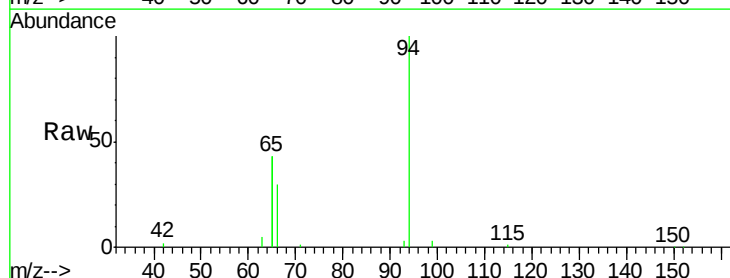
Tgt Ion: 94 Resp: 22482

Ion Ratio Lower Upper

94 100

65 85.6 148.6 188.6#

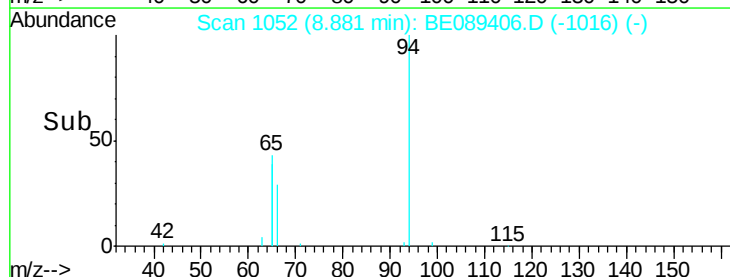
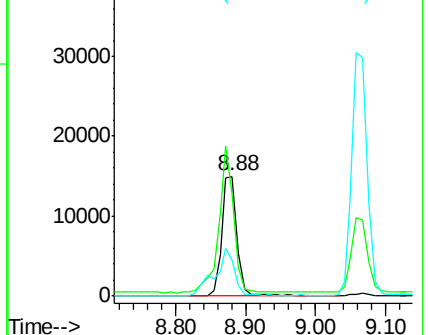
66 29.8 46.2 86.2#

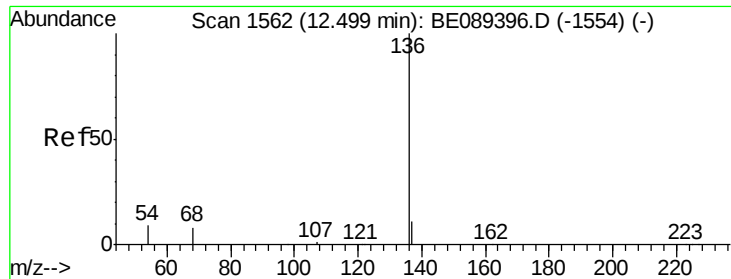


Abundance Ion 94.00 (93.70 to 94.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Ion 66.00 (65.70 to 66.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.50 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

Instrument :

BNA_E

ClientSampleId :

MW-10

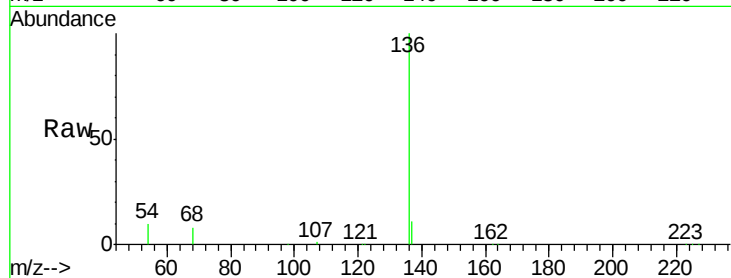
Tgt Ion: 136 Resp: 453844

Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

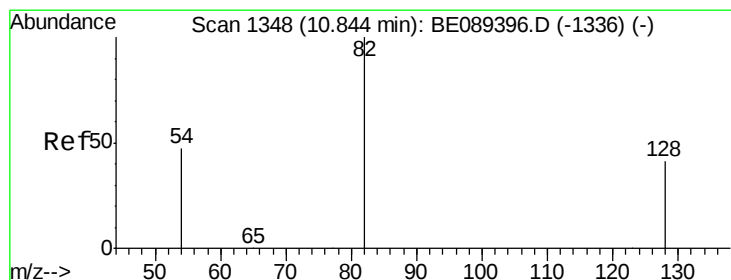
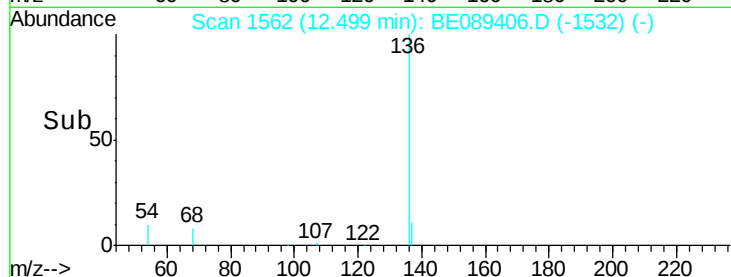
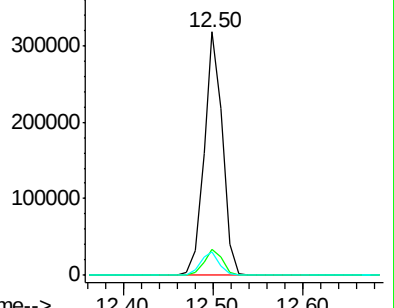
54 9.6 7.4 11.0



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: 4.53 ng

RT: 10.84 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

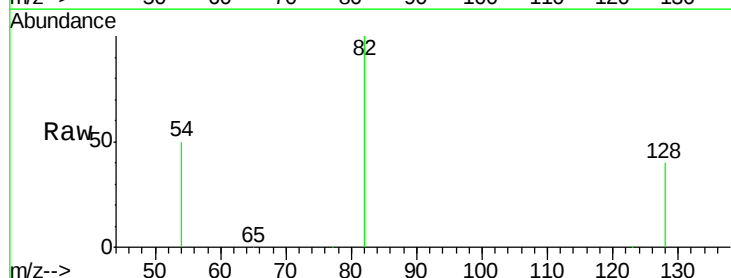
Tgt Ion: 82 Resp: 144736

Ion Ratio Lower Upper

82 100

128 40.4 33.6 50.4

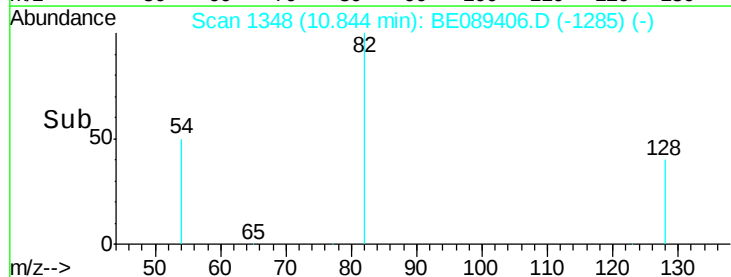
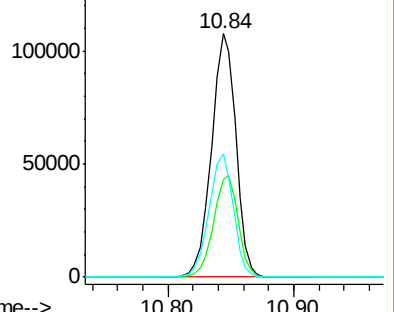
54 50.4 37.7 56.5

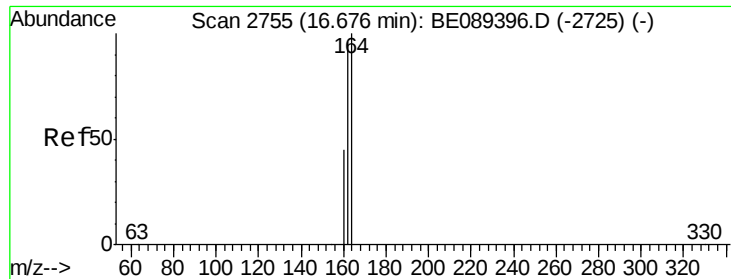


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 16.68 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

Instrument :

BNA_E

ClientSampleId :

MW-10

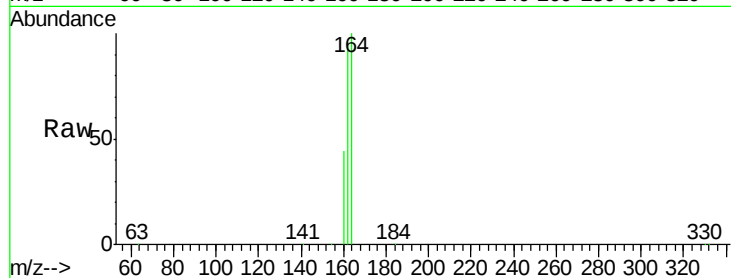
Tgt Ion:164 Resp: 205992

Ion Ratio Lower Upper

164 100

162 95.8 123.9 185.9#

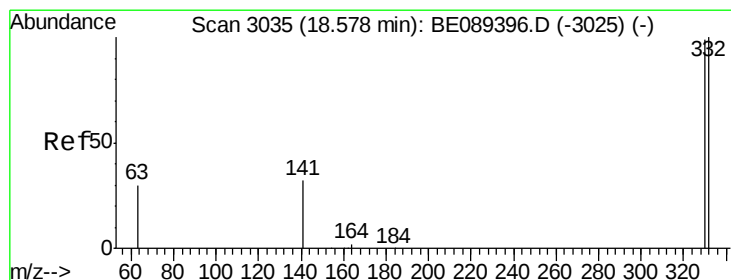
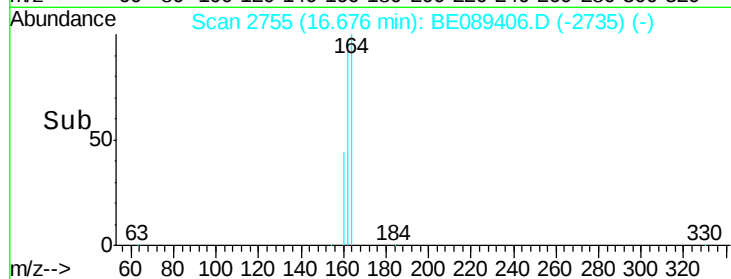
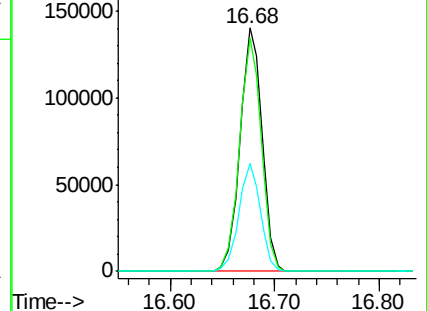
160 44.1 0.0 0.0#



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: 10.75 ng

RT: 18.58 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

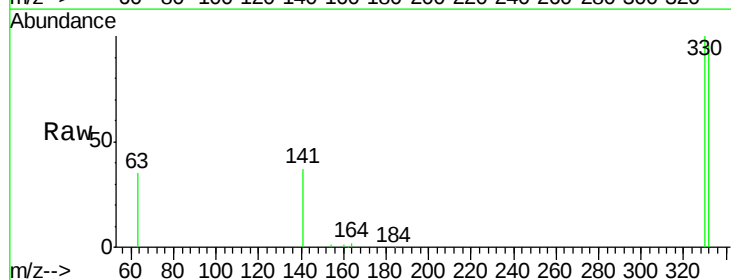
Tgt Ion:330 Resp: 50292

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

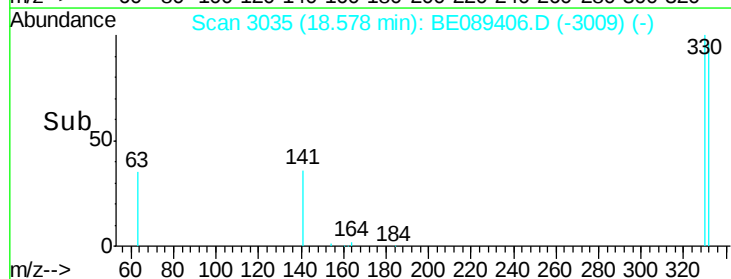
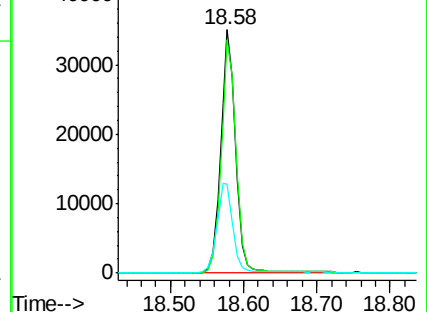
141 39.7 32.4 48.6

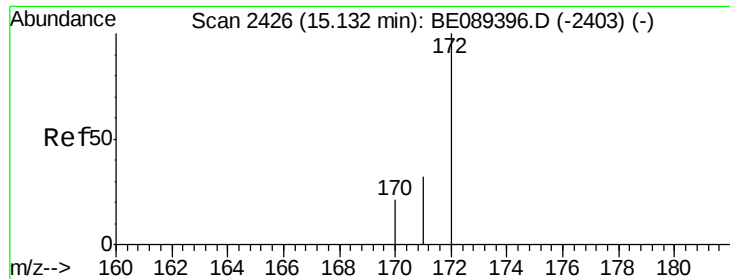


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

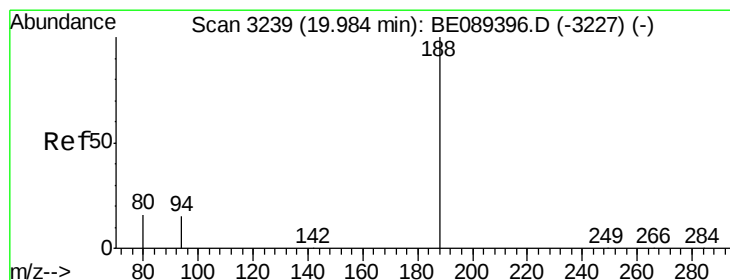
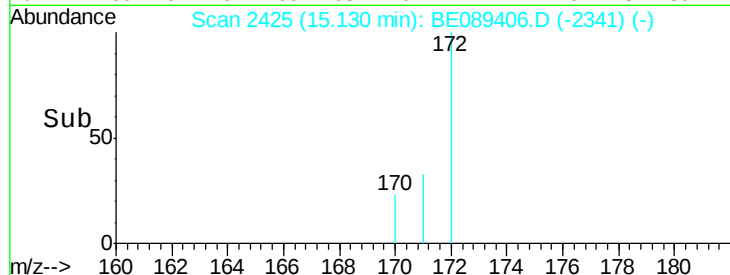
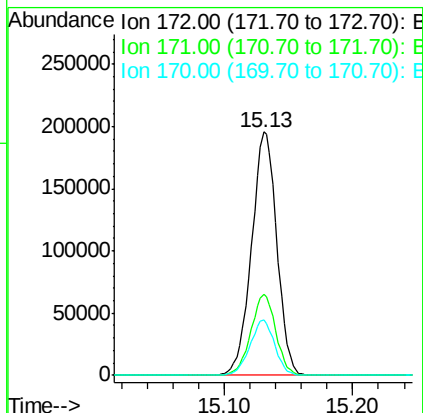
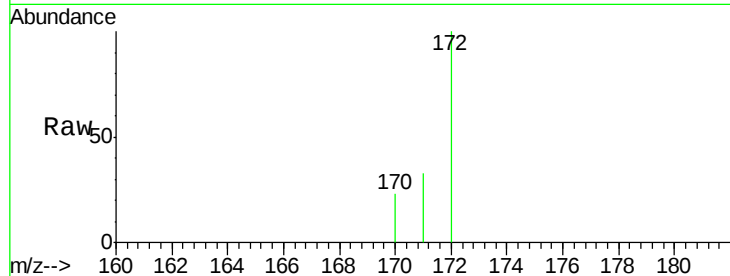




#15
2-Fluorobiphenyl
Concen: 4.25 ng
RT: 15.13 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BE089406.D
Acq: 29 Jan 2015 2:23

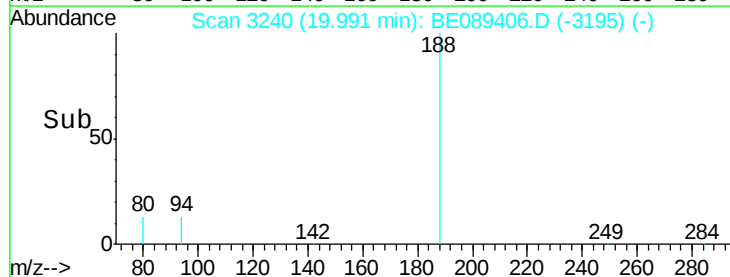
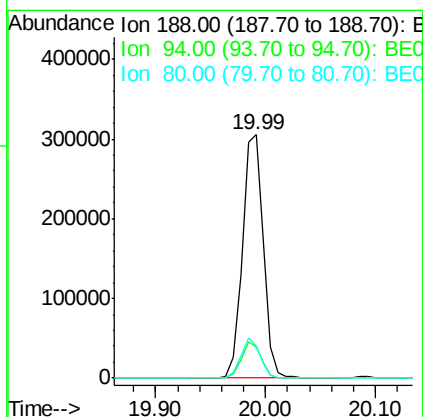
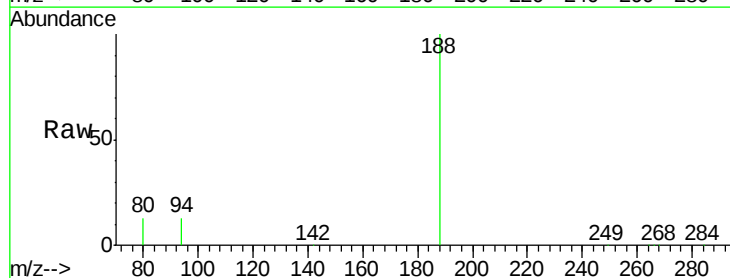
Instrument :
BNA_E
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MW-10

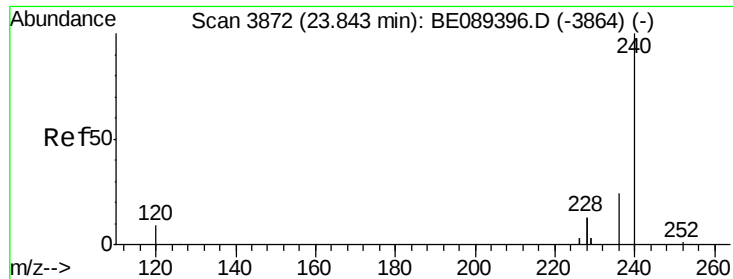
Tgt Ion:172 Resp: 265447
Ion Ratio Lower Upper
172 100
171 33.2 25.6 38.4
170 22.6 17.0 25.4



#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BE089406.D
Acq: 29 Jan 2015 2:23

Tgt Ion:188 Resp: 395208
Ion Ratio Lower Upper
188 100
94 12.9 12.0 18.0
80 13.4 13.2 19.8





#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.84 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

Instrument :

BNA_E

ClientSampleId :

MW-10

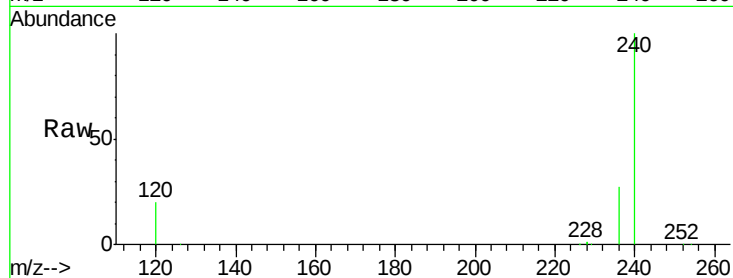
Tgt Ion:240 Resp: 515447

Ion Ratio Lower Upper

240 100

120 20.4 7.1 10.7#

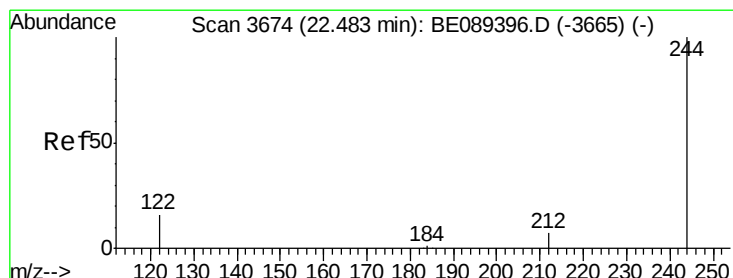
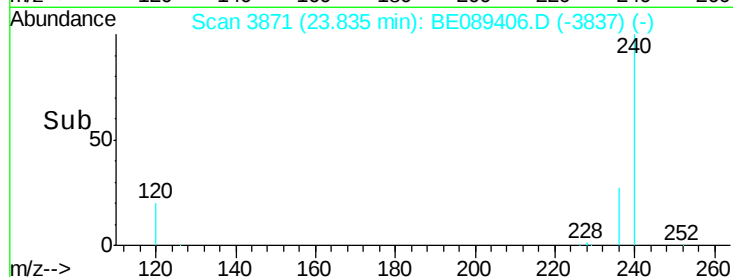
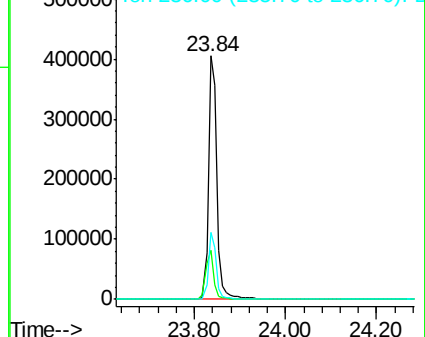
236 27.3 19.5 29.3



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: 7.31 ng

RT: 22.48 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BE089406.D

Acq: 29 Jan 2015 2:23

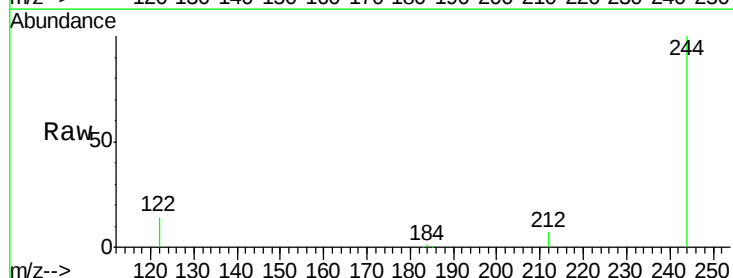
Tgt Ion:244 Resp: 417426

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

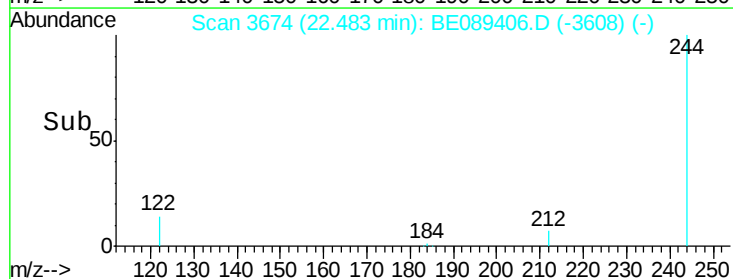
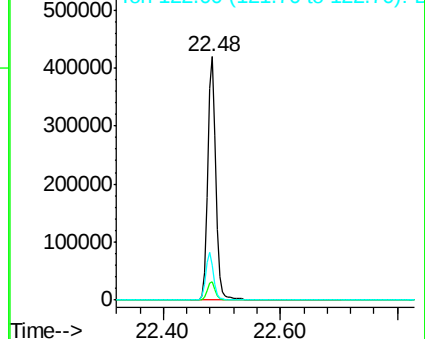
122 14.4 12.8 19.2

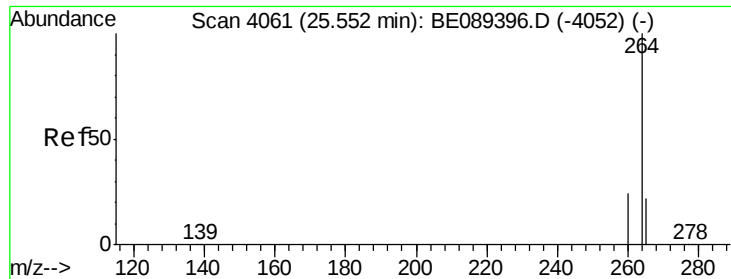


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.55 min Scan# 4061
Delta R.T. -0.00 min
Lab File: BE089406.D
Acq: 29 Jan 2015 2:23

Instrument :
BNA_E
ClientSampleId :
MW-10

Tgt Ion: 264 Resp: 608895
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.9 17.5 26.3

