

Data Path : S:\HPCHEM1\BNA_E\DATA\BE072015\
 Data File : BE090177.D
 Acq On : 20 Jul 2015 16:15
 Operator : TP/IZ
 Sample : G3009-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515RE

Quant Time: Jul 21 02:20:15 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

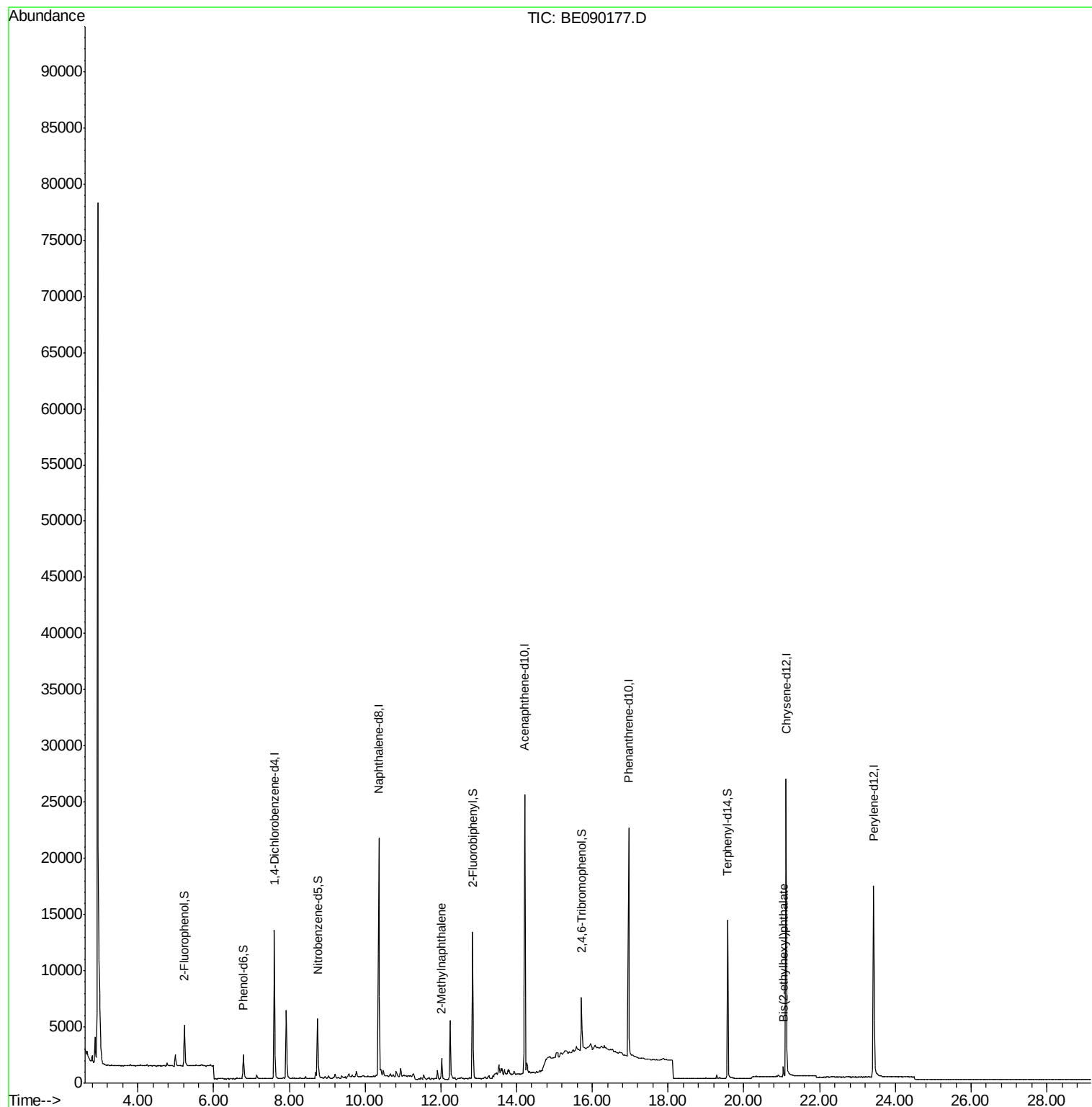
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	6778	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	29767	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	14350	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	28517	5.00	ng	0.00
25) Chrysene-d12	21.11	240	25710	5.00	ng	0.00
32) Perylene-d12	23.42	264	25062	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3091	1.94	ng	0.00
5) Phenol-d6	6.79	99	2633	1.28	ng	0.00
7) Nitrobenzene-d5	8.74	82	5185	2.63	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1613	4.76	ng	-0.02
14) 2-Fluorobiphenyl	12.84	172	12360	2.92	ng	0.00
27) Terphenyl-d14	19.58	244	15776	3.67	ng	0.00
Target Compounds						
11) 2-Methylnaphthalene	12.02	142	1357	0.32	ng	# 92
30) Bis(2-ethylhexyl)phthalate	21.05	149	793	0.26	ng	# 95

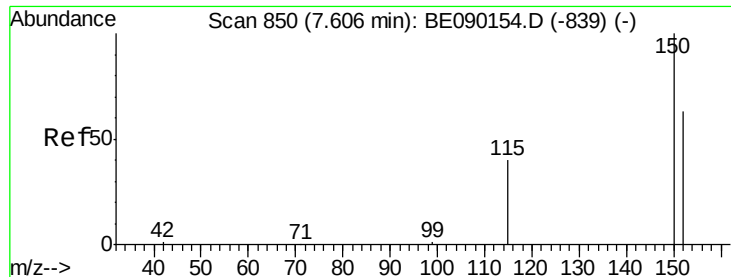
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 18 00:40:53 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 849

Delta R.T. -0.00 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

Instrument :

BNA_E

ClientSampleId :

MW-01-071515RE

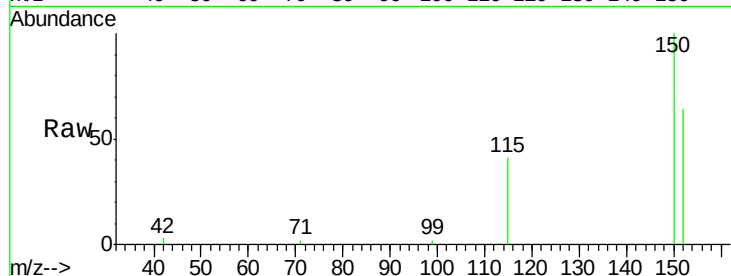
Tgt Ion:152 Resp: 6778

Ion Ratio Lower Upper

152 100

150 157.2 127.2 190.8

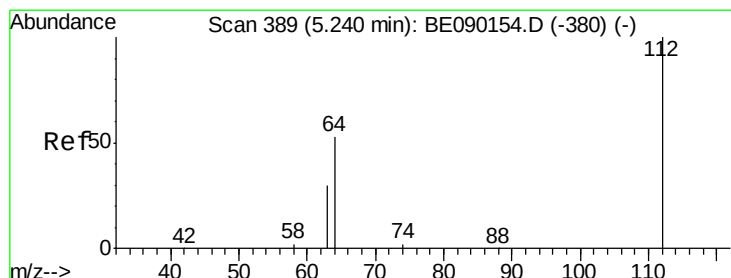
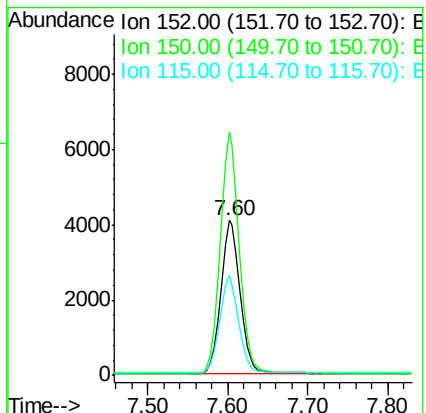
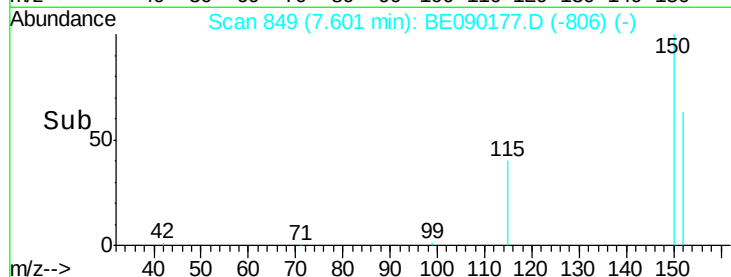
115 64.5 51.6 77.4



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: 1.94 ng

RT: 5.23 min Scan# 388

Delta R.T. -0.01 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

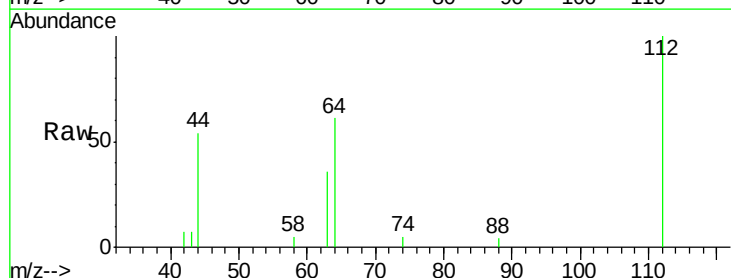
Tgt Ion:112 Resp: 3091

Ion Ratio Lower Upper

112 100

64 58.3 46.7 70.1

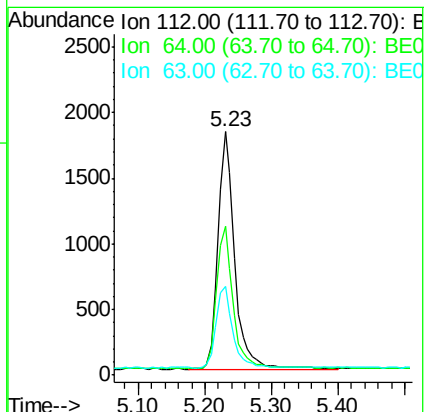
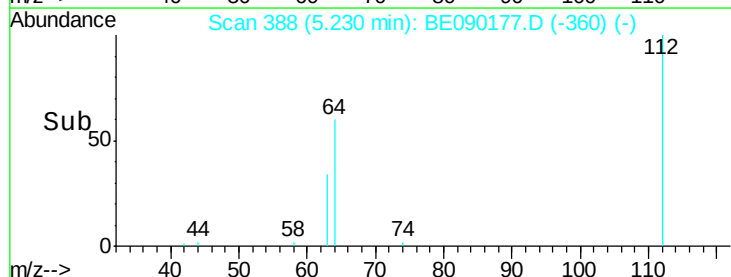
63 34.7 27.3 40.9

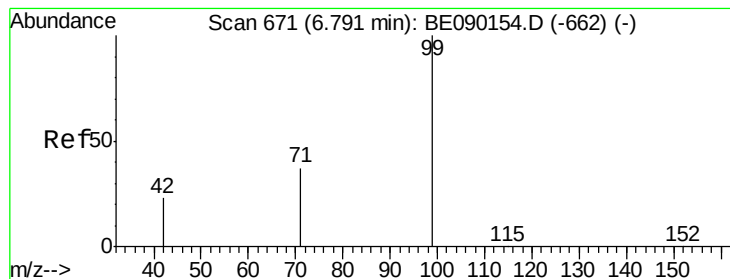


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.28 ng

RT: 6.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

Instrument :

BNA_E

ClientSampleId :

MW-01-071515RE

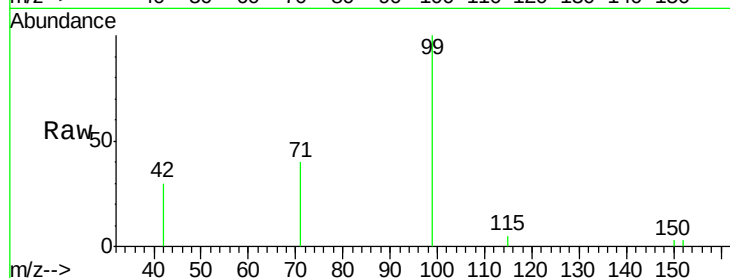
Tgt Ion: 99 Resp: 2633

Ion Ratio Lower Upper

99 100

42 24.6 19.1 28.7

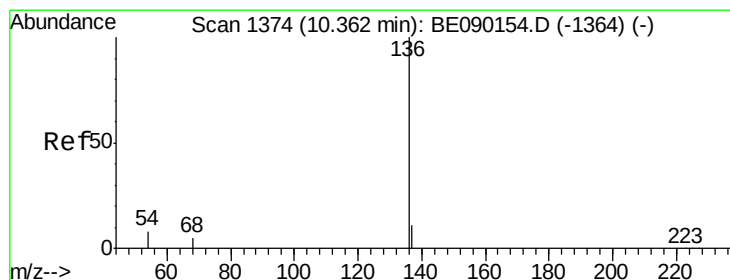
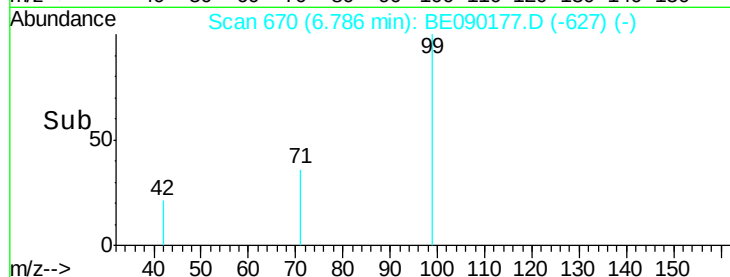
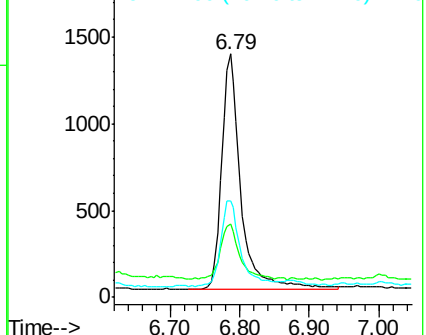
71 37.6 29.4 44.2



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: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

Tgt Ion: 136 Resp: 29767

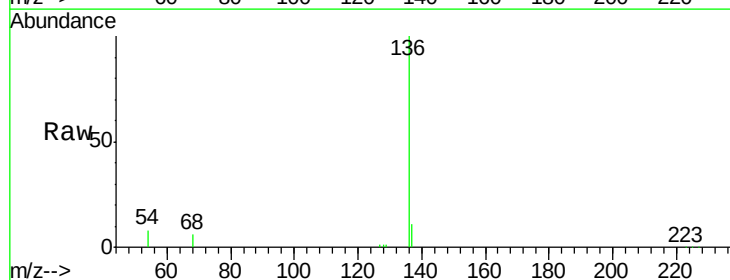
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.6 6.3 9.5

68 5.5 4.3 6.5

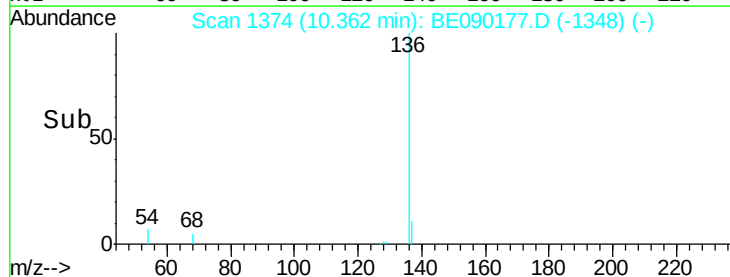
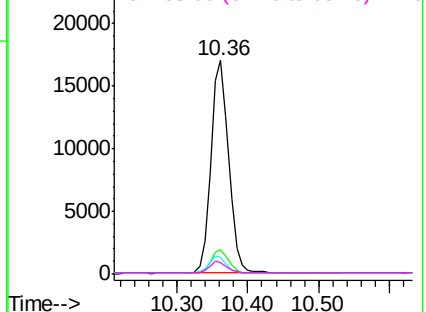


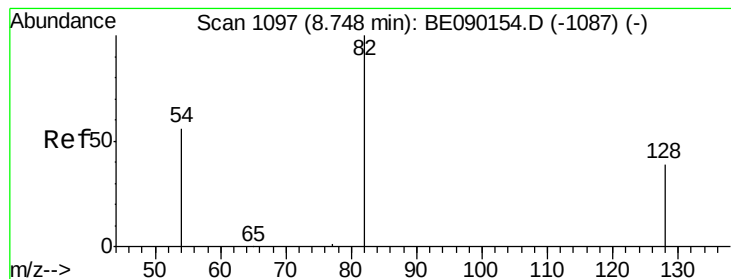
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.63 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

Instrument :

BNA_E

ClientSampleId :

MW-01-071515RE

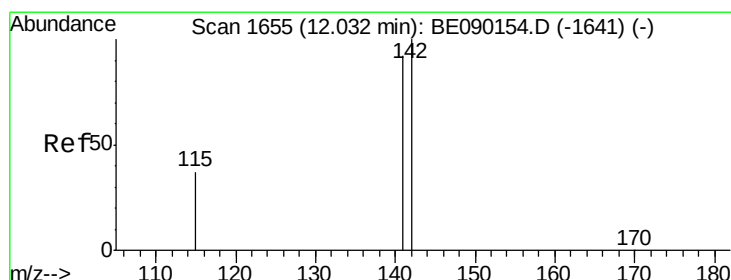
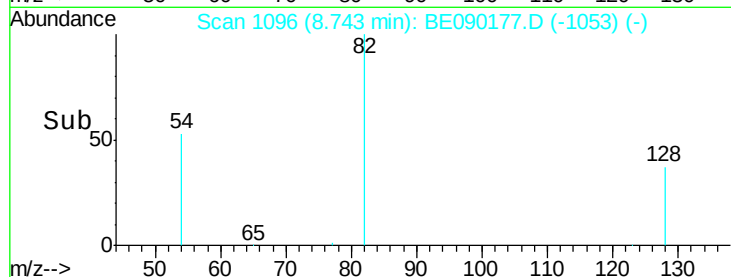
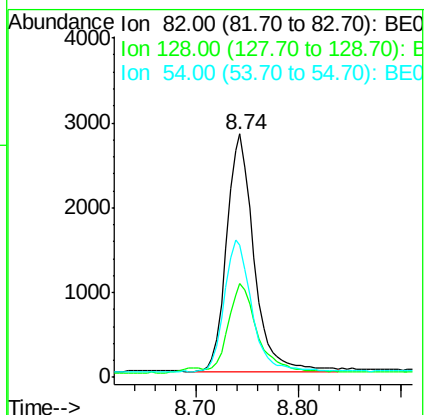
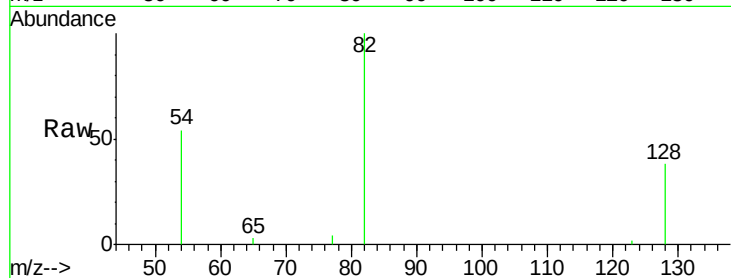
Tgt Ion: 82 Resp: 5185

Ion Ratio Lower Upper

82 100

128 38.4 32.7 49.1

54 54.2 45.9 68.9



#11

2-Methylnaphthalene

Concen: 0.32 ng

RT: 12.02 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

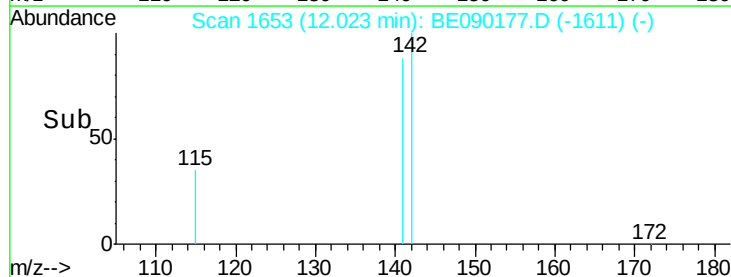
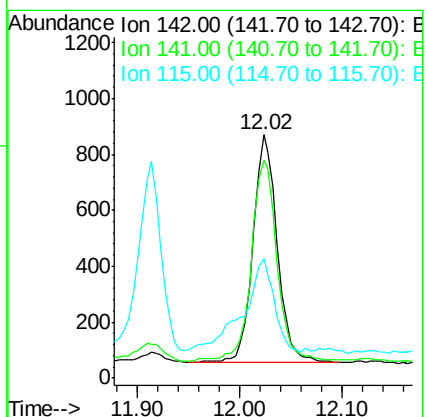
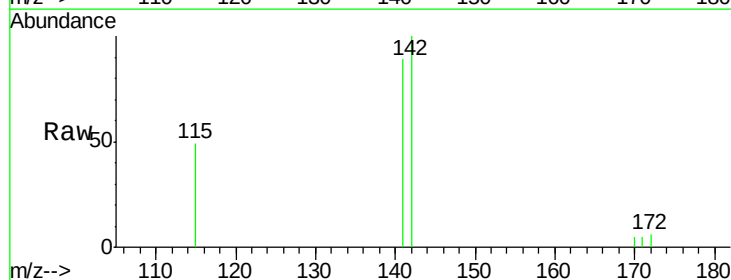
Tgt Ion: 142 Resp: 1357

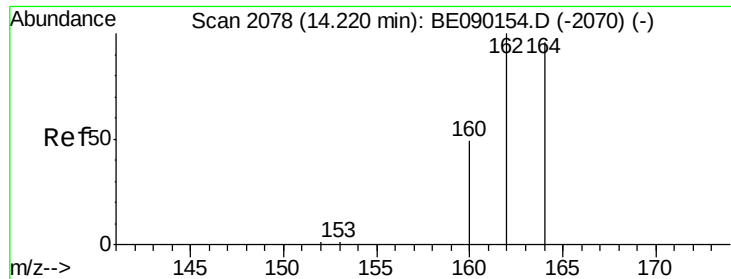
Ion Ratio Lower Upper

142 100

141 89.4 73.9 110.9

115 48.9 30.0 45.0#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.21 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

Instrument :

BNA_E

ClientSampleId :

MW-01-071515RE

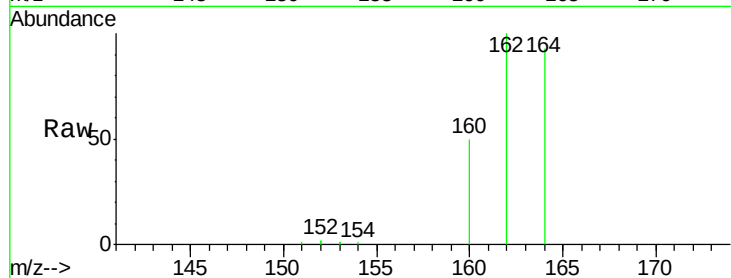
Tgt Ion:164 Resp: 14350

Ion Ratio Lower Upper

164 100

162 107.8 83.3 124.9

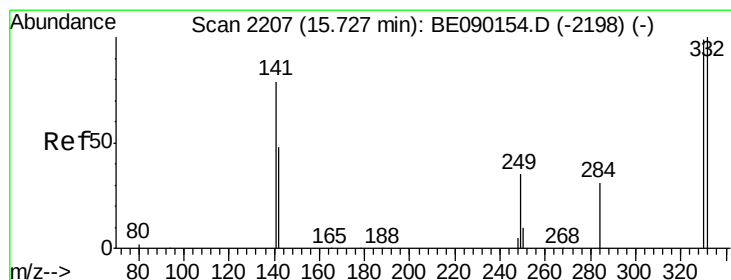
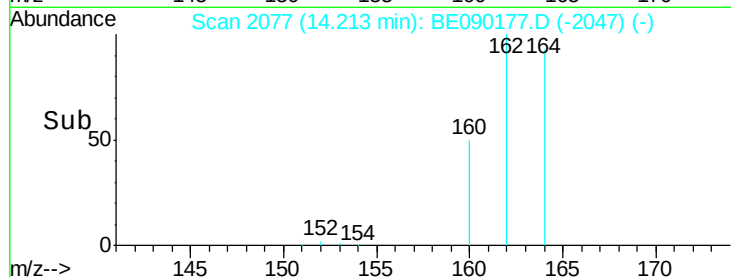
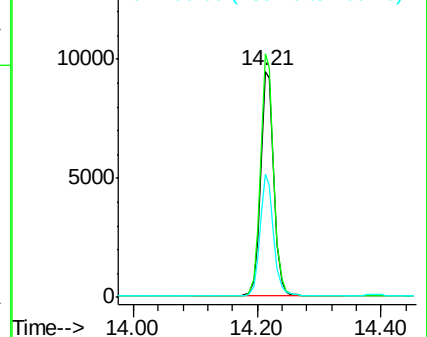
160 54.3 40.9 61.3



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



#13

2,4,6-Tribromophenol

Concen: 4.76 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

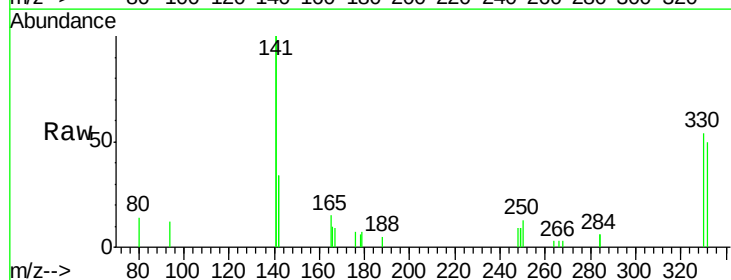
Tgt Ion:330 Resp: 1613

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.2

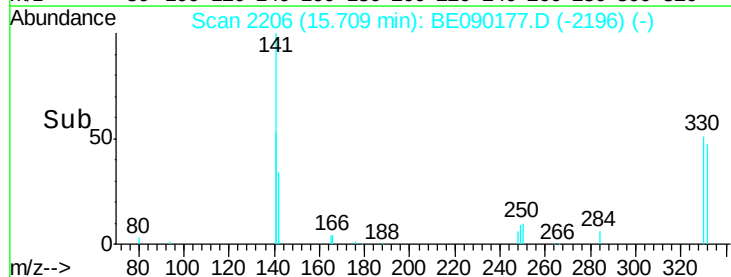
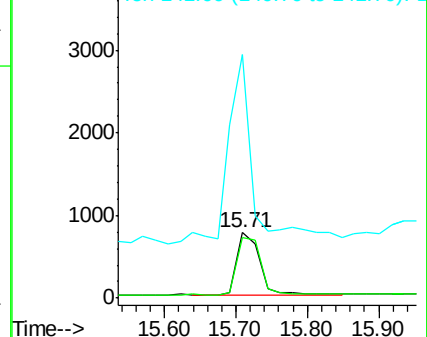
141 301.3 215.8 323.6

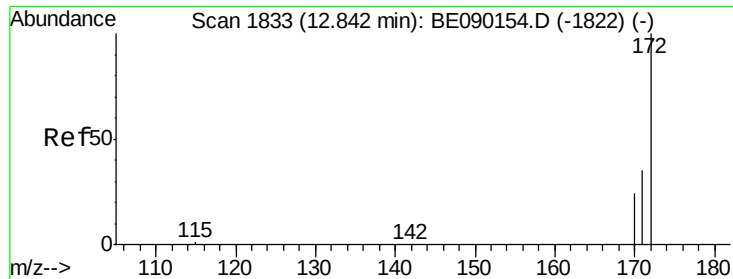


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

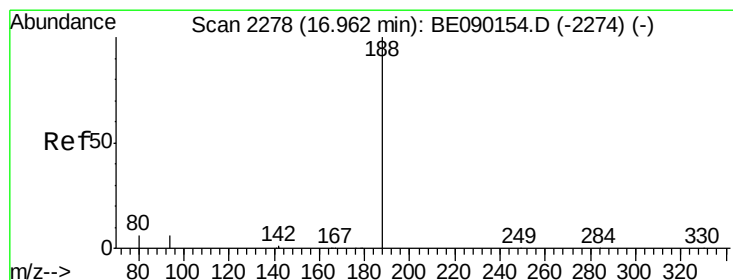
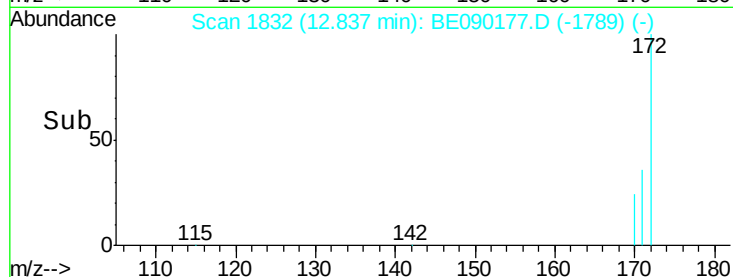
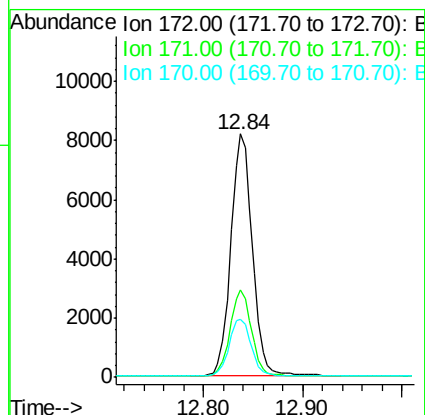
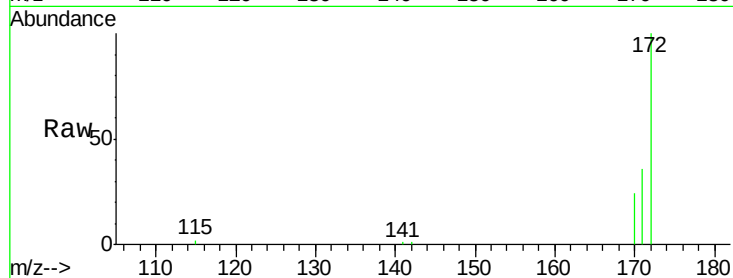




#14
2-Fluorobiphenyl
Concen: 2.92 ng
RT: 12.84 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BE090177.D
Acq: 20 Jul 2015 16:15

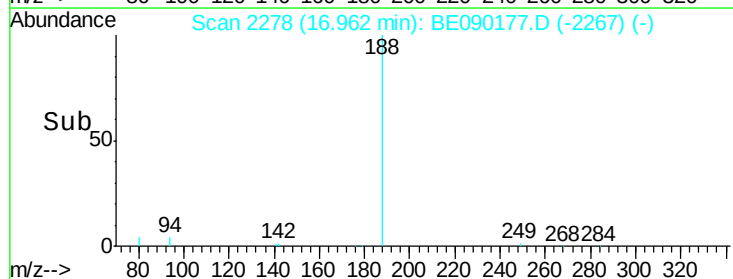
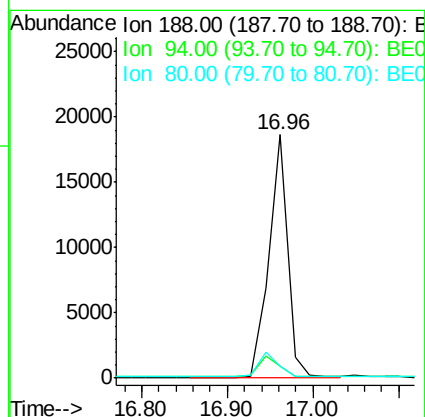
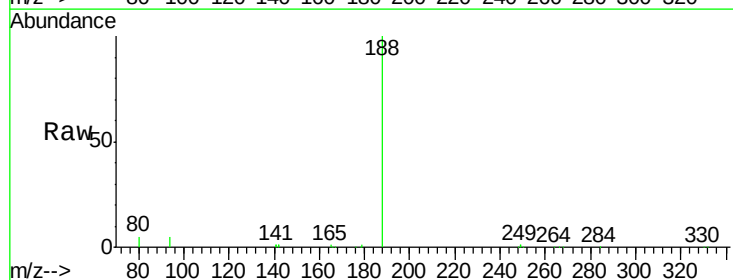
Instrument :
BNA_E
ClientSampleId :
MW-01-071515RE

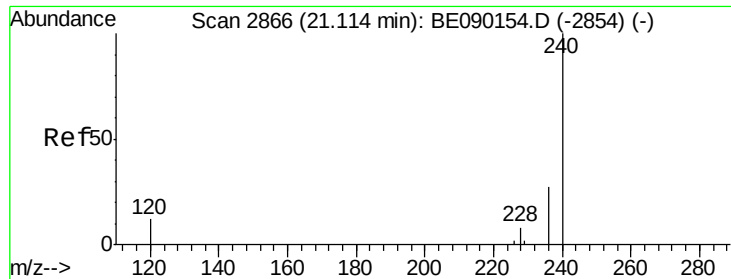
Tgt Ion:172 Resp: 12360
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.0 19.7 29.5



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090177.D
Acq: 20 Jul 2015 16:15

Tgt Ion:188 Resp: 28517
Ion Ratio Lower Upper
188 100
94 4.9 4.6 7.0
80 4.9 4.6 6.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

Instrument :

BNA_E

ClientSampleId :

MW-01-071515RE

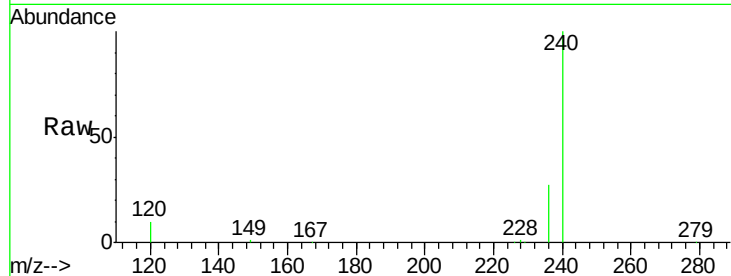
Tgt Ion:240 Resp: 25710

Ion Ratio Lower Upper

240 100

120 9.8 9.4 14.0

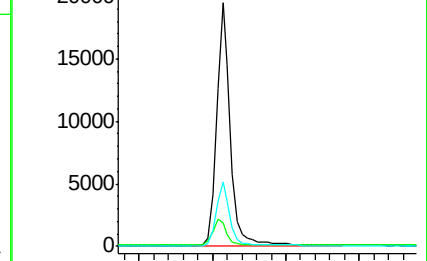
236 26.7 21.8 32.8



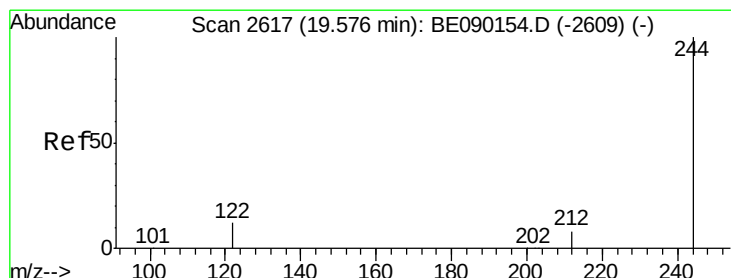
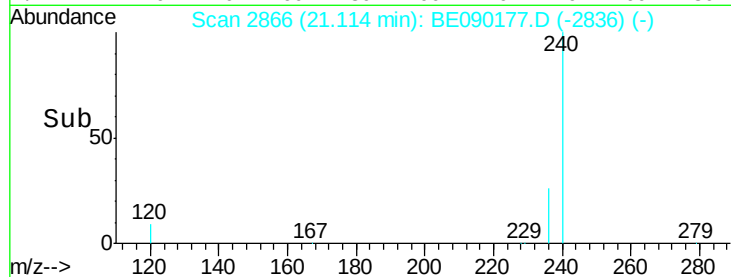
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#27

Terphenyl-d14

Concen: 3.67 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

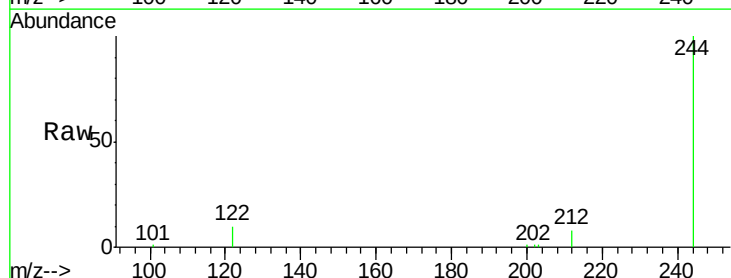
Tgt Ion:244 Resp: 15776

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

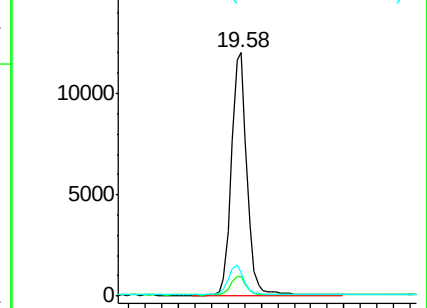
122 9.8 9.8 14.6



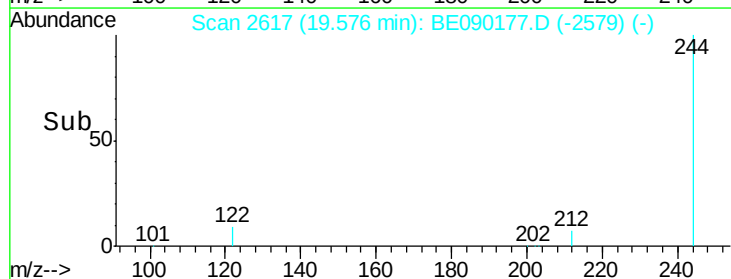
Abundance Ion 244.00 (243.70 to 244.70): E

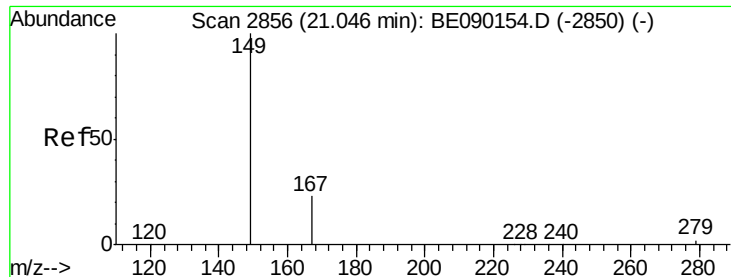
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.05 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

Instrument :

BNA_E

ClientSampleId :

MW-01-071515RE

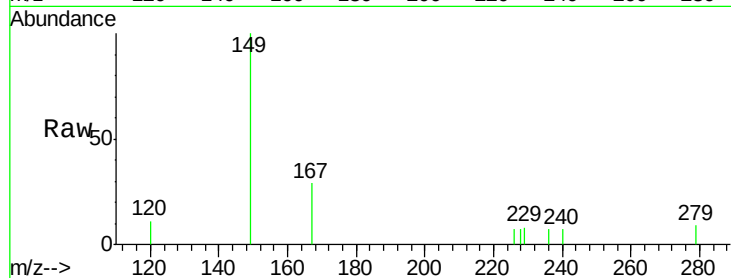
Tgt Ion:149 Resp: 793

Ion Ratio Lower Upper

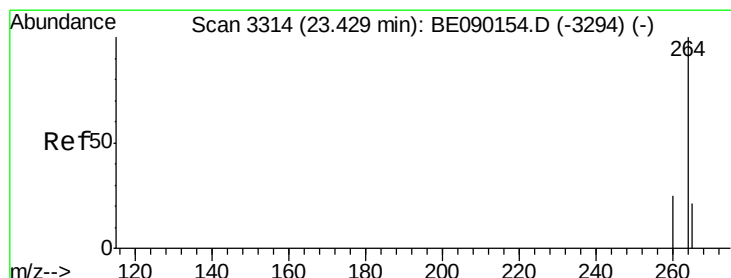
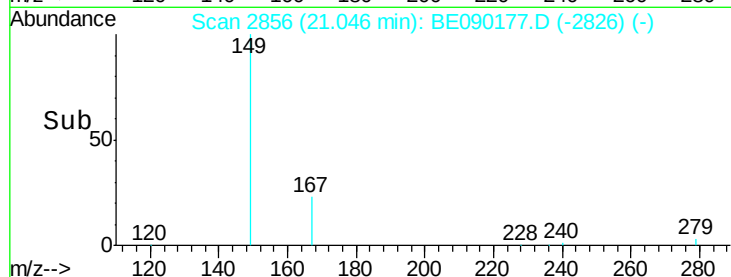
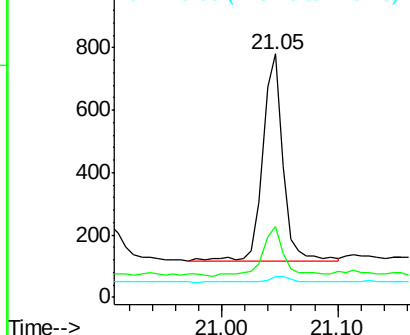
149 100

167 26.0 18.6 28.0

279 3.5 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3313

Delta R.T. -0.00 min

Lab File: BE090177.D

Acq: 20 Jul 2015 16:15

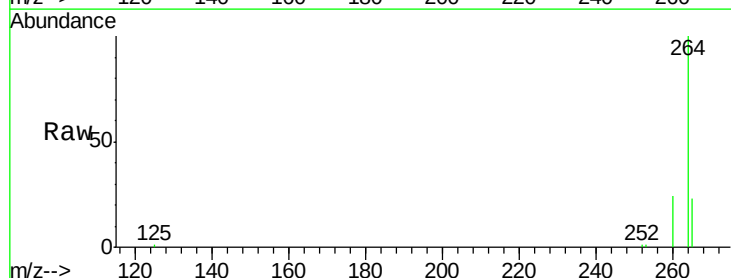
Tgt Ion:264 Resp: 25062

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 22.6 17.4 26.2



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

