

Data Path : S:\HPCHEM1\BNA_E\DATA\BE072015\
 Data File : BE090176.D
 Acq On : 20 Jul 2015 15:01
 Operator : TP/IZ
 Sample : G3009-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515

Quant Time: Jul 21 02:17:51 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

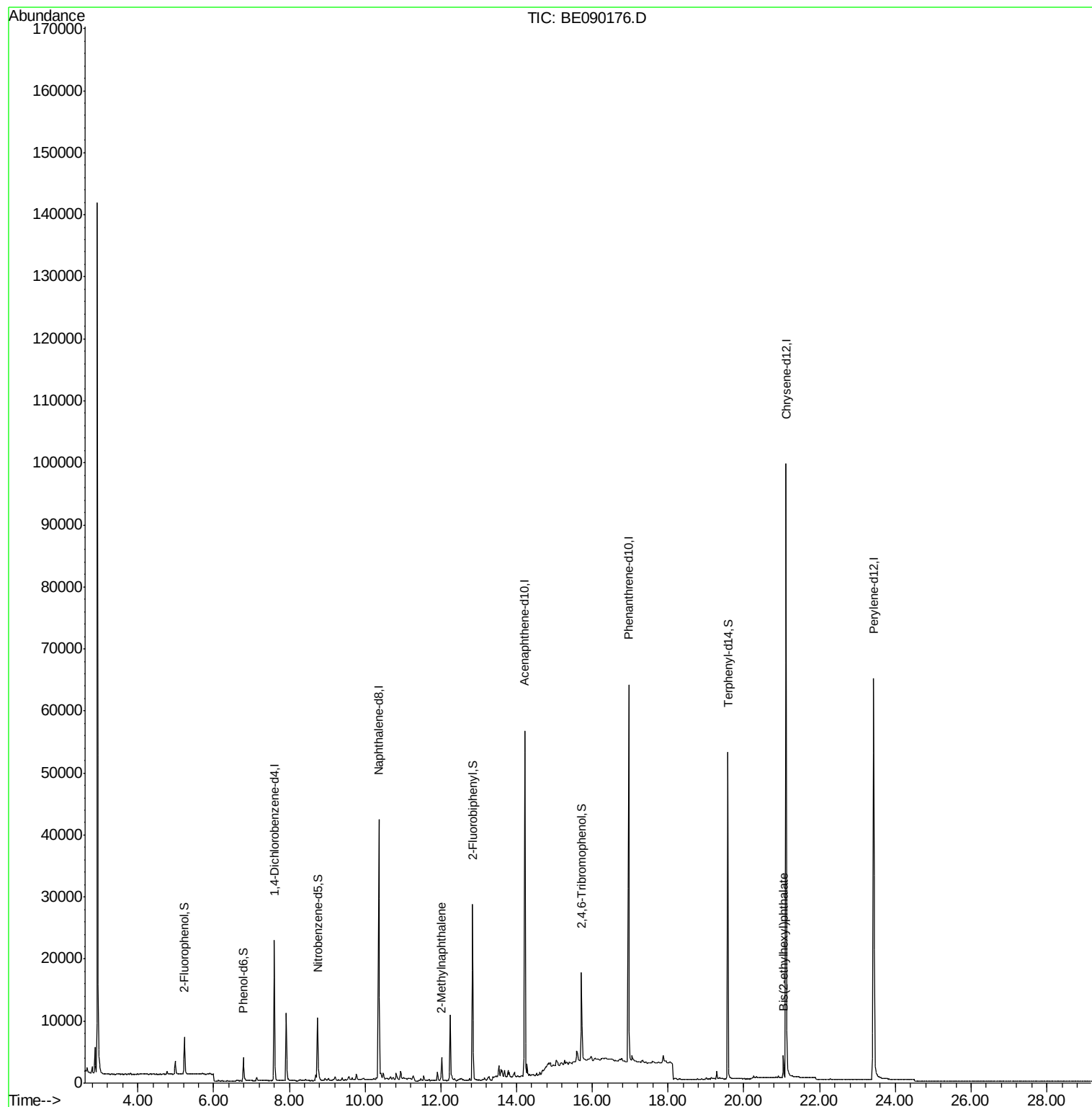
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	11137	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	55954	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	32855	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	81550	5.00	ng	0.00
25) Chrysene-d12	21.11	240	92352	5.00	ng	0.00
32) Perylene-d12	23.43	264	90005	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	4756	1.82	ng	0.00
5) Phenol-d6	6.79	99	4417	1.31	ng	0.00
7) Nitrobenzene-d5	8.74	82	9537	2.57	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	4656	6.00	ng	-0.02
14) 2-Fluorobiphenyl	12.84	172	25720	2.66	ng	0.00
27) Terphenyl-d14	19.57	244	53579	3.47	ng	0.00
Target Compounds						
11) 2-Methylnaphthalene	12.02	142	2695	0.33	ng	Qvalue # 95
30) Bis(2-ethylhexyl)phthalate	21.05	149	3243	0.30	ng	100

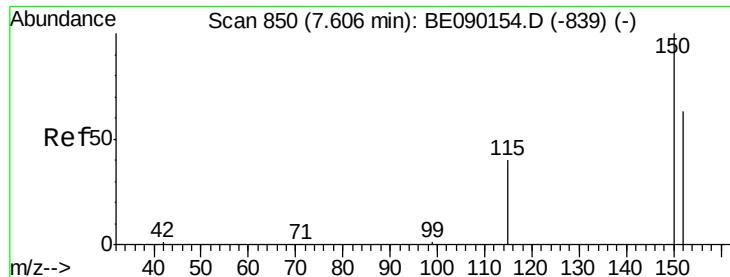
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

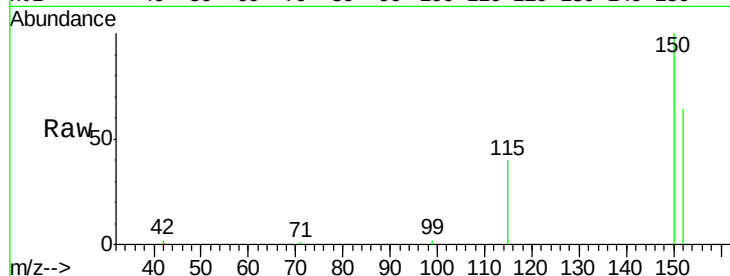
Tgt Ion:152 Resp: 11137

Ion Ratio Lower Upper

152 100

150 155.9 127.2 190.8

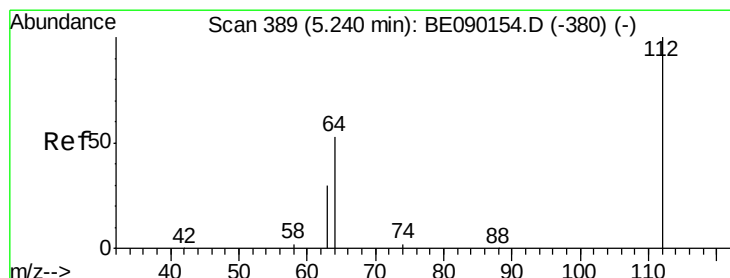
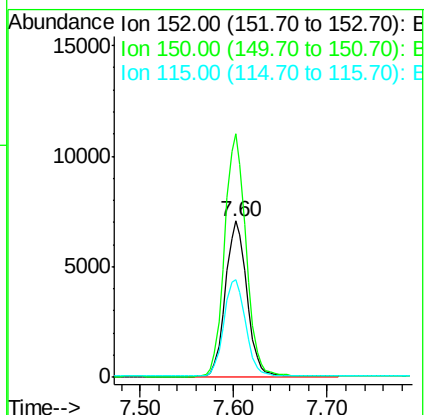
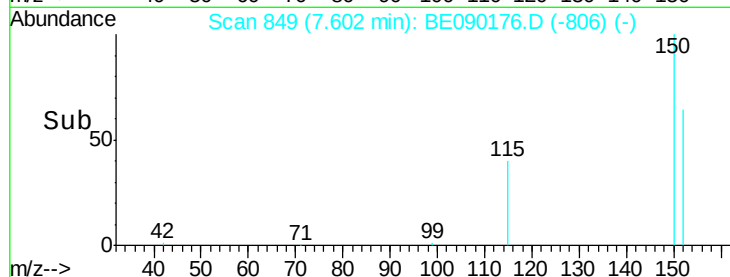
115 62.4 51.6 77.4



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: 1.82 ng

RT: 5.23 min Scan# 388

Delta R.T. -0.01 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

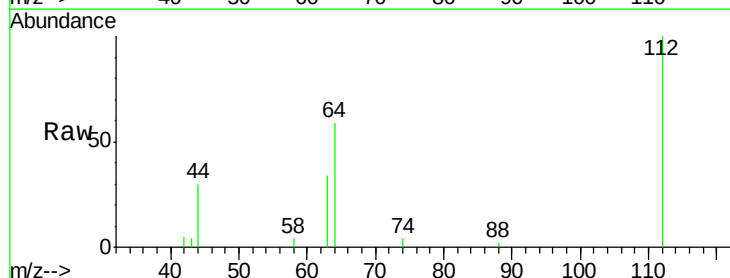
Tgt Ion:112 Resp: 4756

Ion Ratio Lower Upper

112 100

64 58.9 46.7 70.1

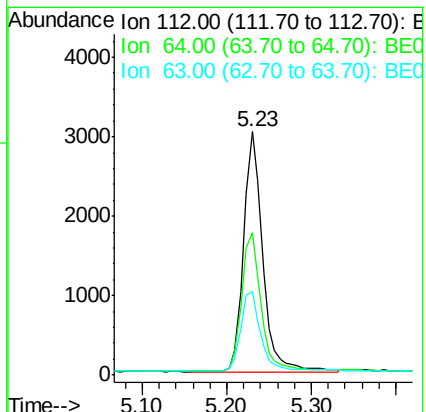
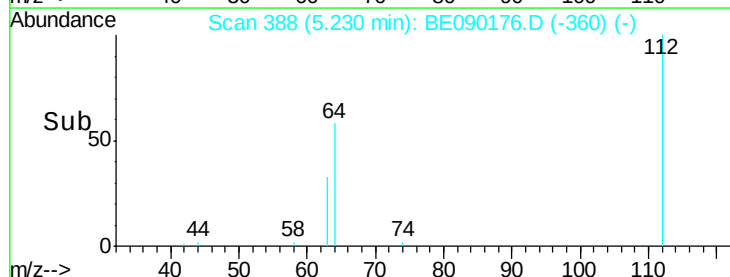
63 34.4 27.3 40.9

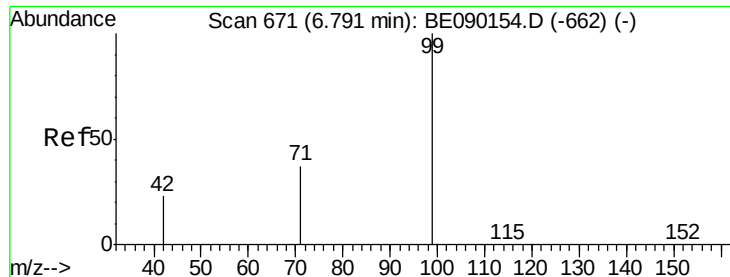


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.31 ng

RT: 6.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

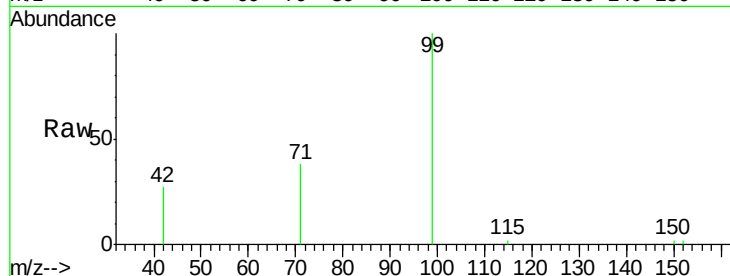
Tgt Ion: 99 Resp: 4417

Ion Ratio Lower Upper

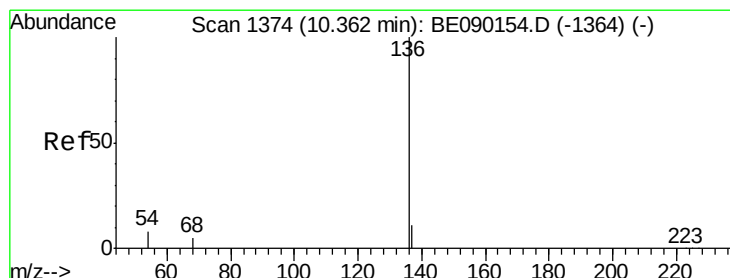
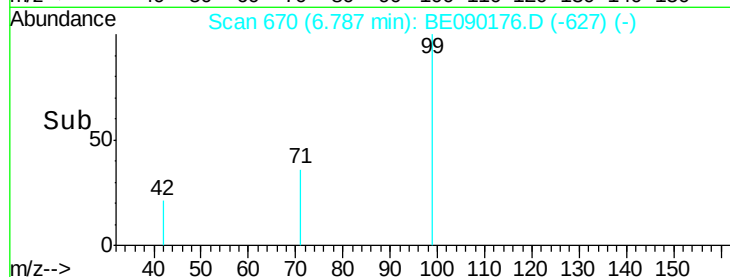
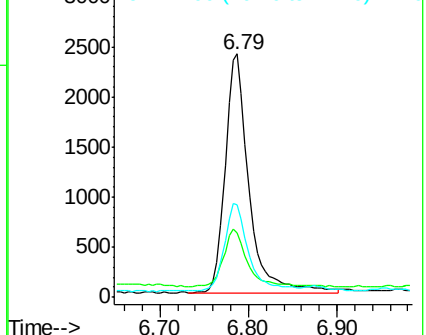
99 100

42 24.8 19.1 28.7

71 37.4 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: BE090176.D

Acq: 20 Jul 2015 15:01

Tgt Ion: 136 Resp: 55954

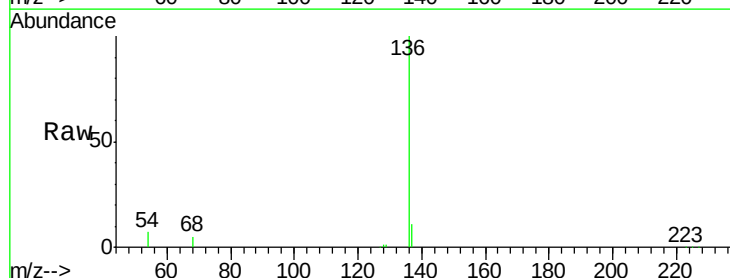
Ion Ratio Lower Upper

136 100

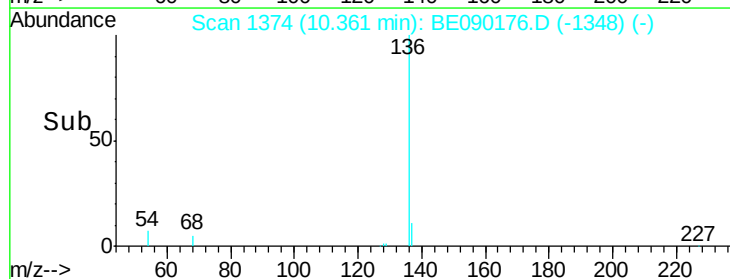
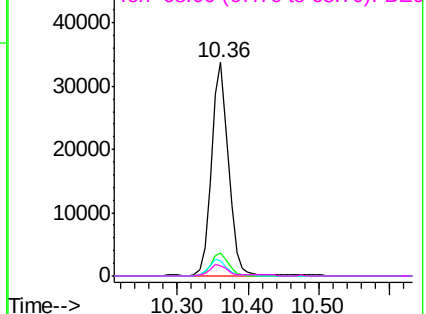
137 11.1 8.9 13.3

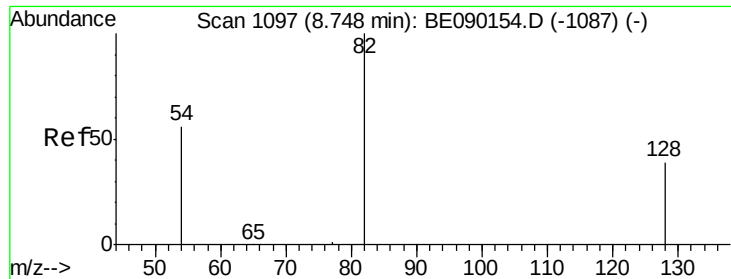
54 7.4 6.3 9.5

68 5.1 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: 2.57 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

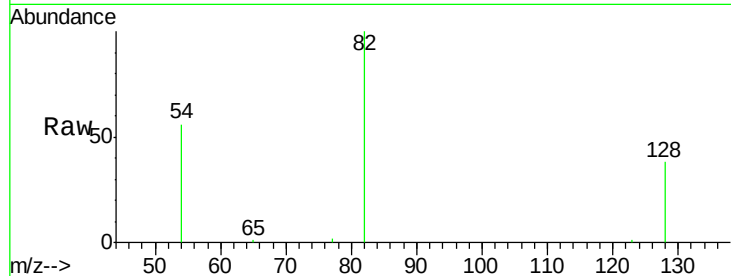
Tgt Ion: 82 Resp: 9537

Ion Ratio Lower Upper

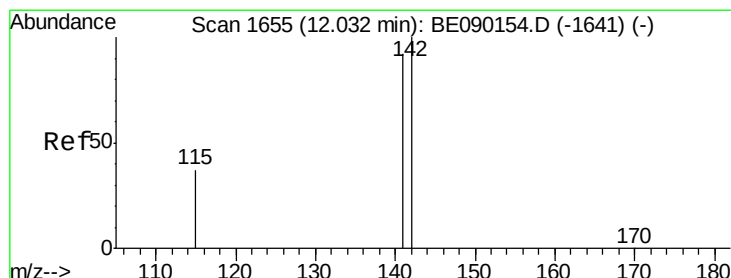
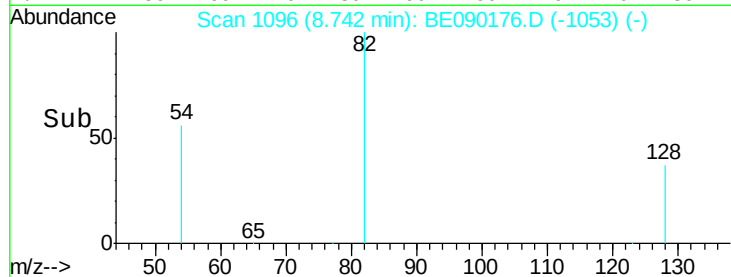
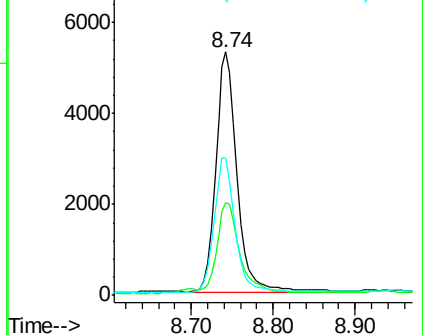
82 100

128 37.9 32.7 49.1

54 56.2 45.9 68.9



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



#11

2-Methylnaphthalene

Concen: 0.33 ng

RT: 12.02 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

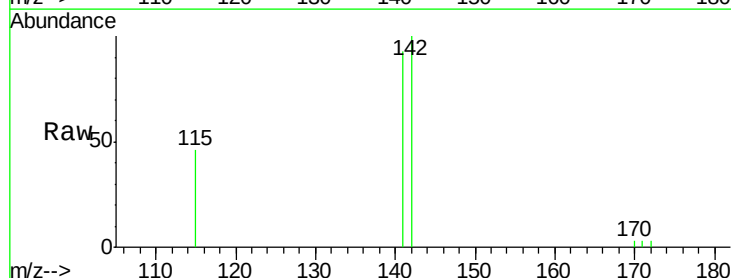
Tgt Ion: 142 Resp: 2695

Ion Ratio Lower Upper

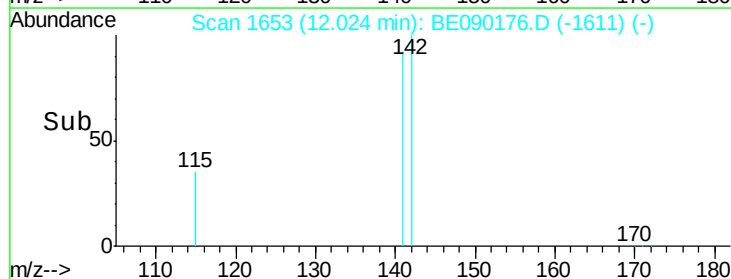
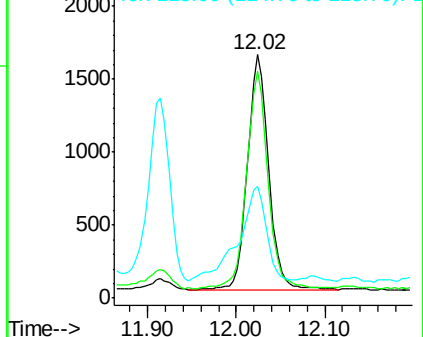
142 100

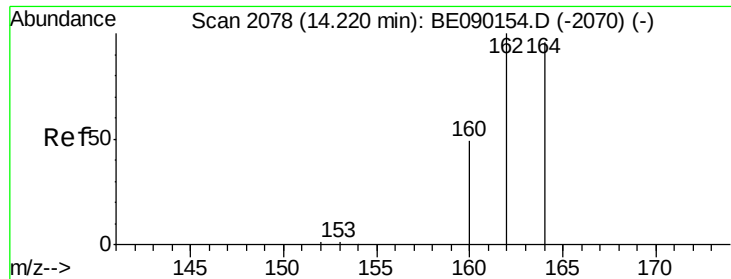
141 93.5 73.9 110.9

115 46.0 30.0 45.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

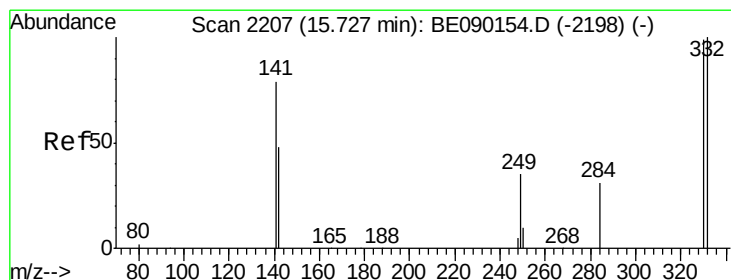
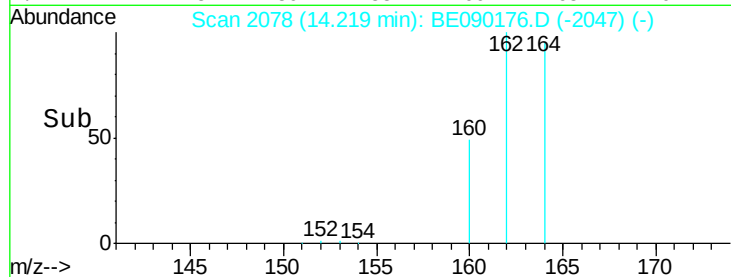
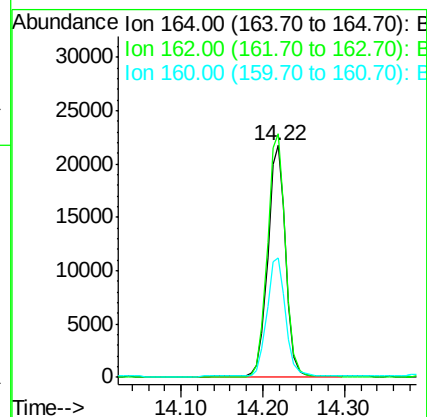
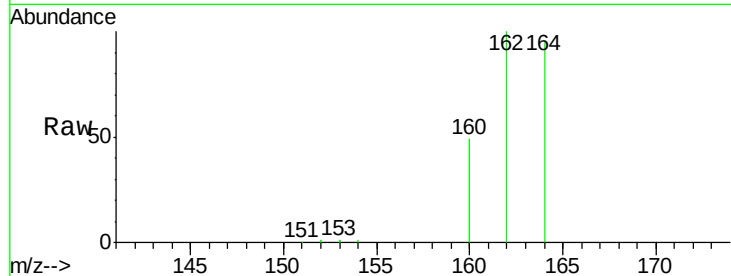
Tgt Ion:164 Resp: 32855

Ion Ratio Lower Upper

164 100

162 105.1 83.3 124.9

160 51.7 40.9 61.3



#13

2,4,6-Tribromophenol

Concen: 6.00 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

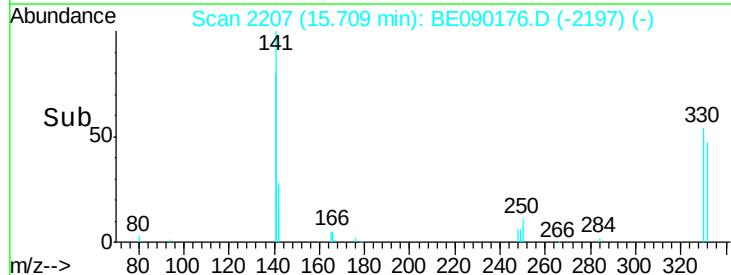
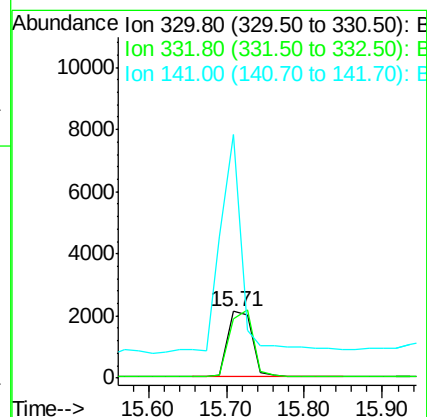
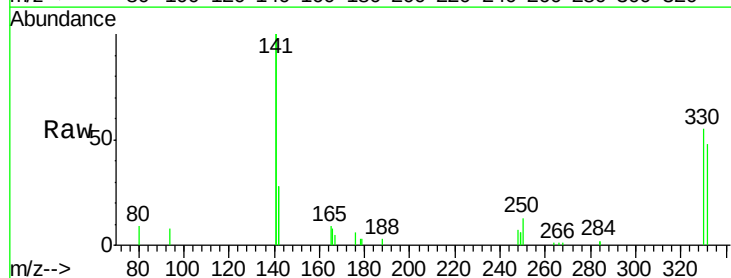
Tgt Ion:330 Resp: 4656

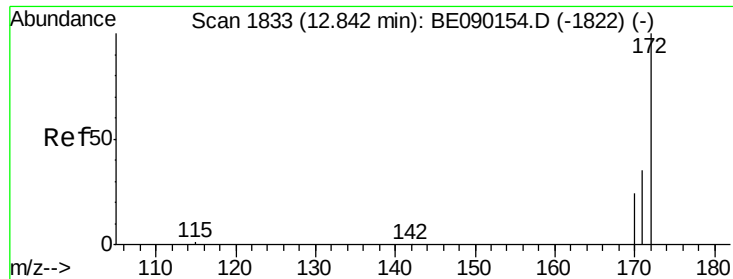
Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

141 297.6 215.8 323.6

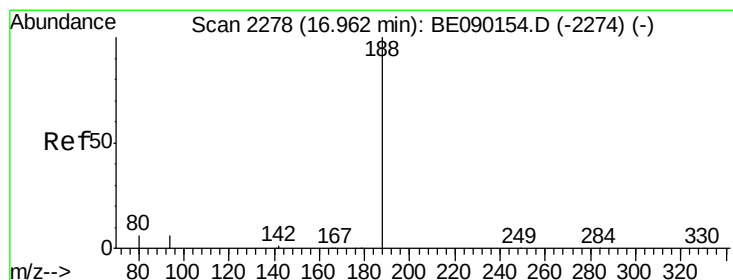
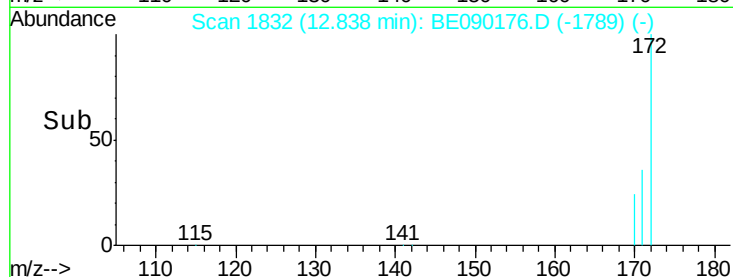
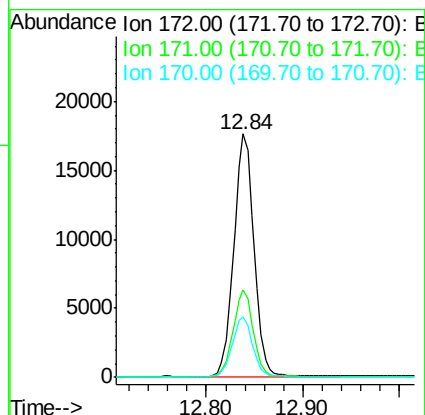
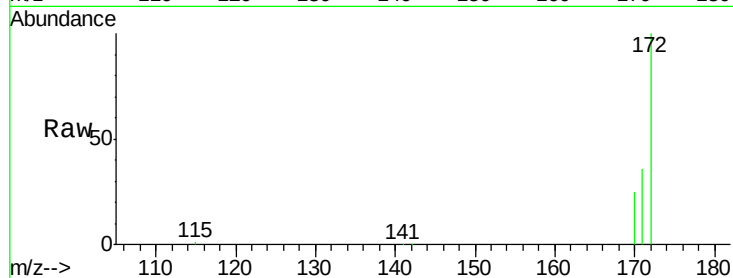




#14
2-Fluorobiphenyl
Concen: 2.66 ng
RT: 12.84 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BE090176.D
Acq: 20 Jul 2015 15:01

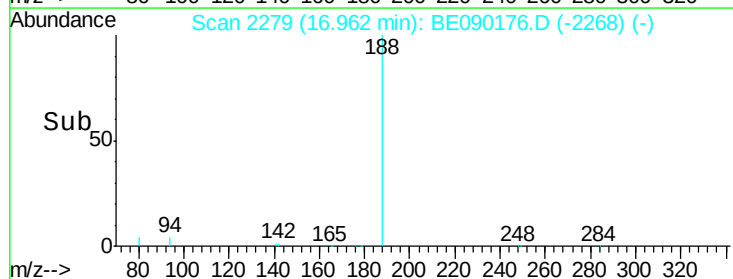
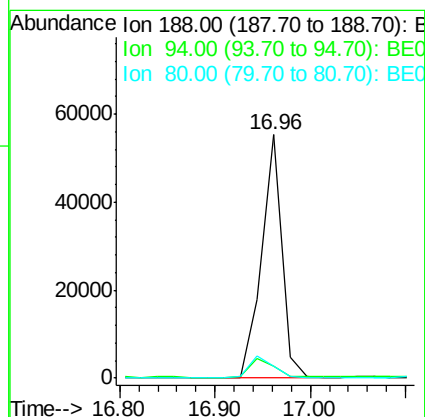
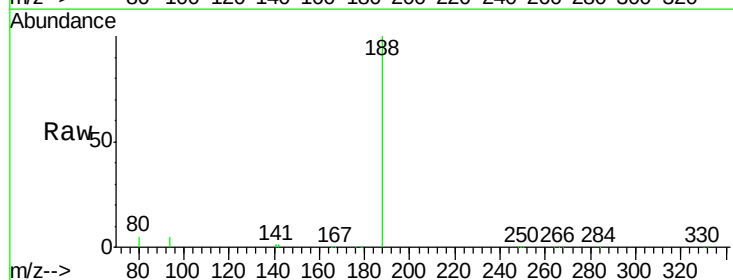
Instrument :
BNA_E
ClientSampleId :
MW-01-071515

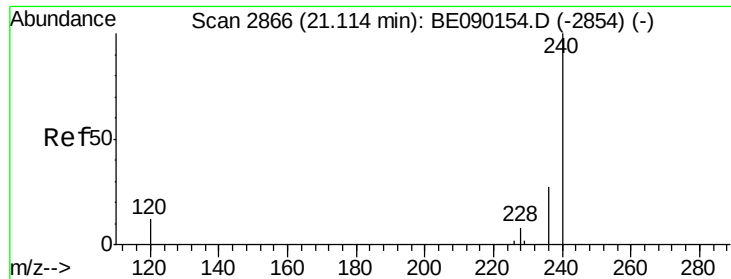
Tgt Ion:172 Resp: 25720
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.7 19.7 29.5



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090176.D
Acq: 20 Jul 2015 15:01

Tgt Ion:188 Resp: 81550
Ion Ratio Lower Upper
188 100
94 4.8 4.6 7.0
80 4.7 4.6 6.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

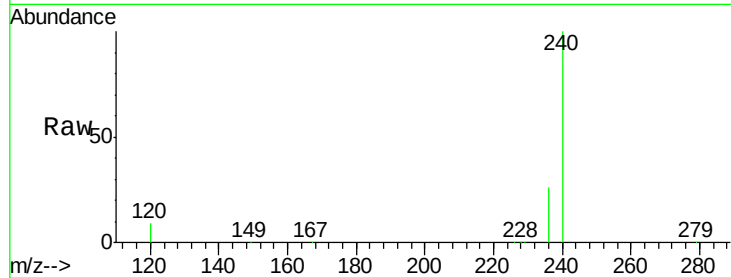
Tgt Ion:240 Resp: 92352

Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.0

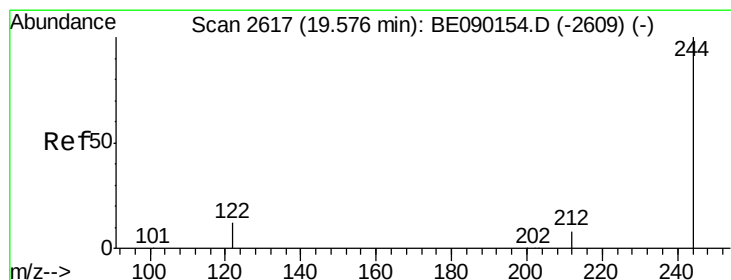
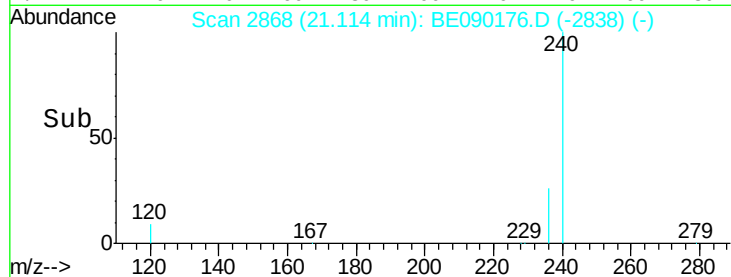
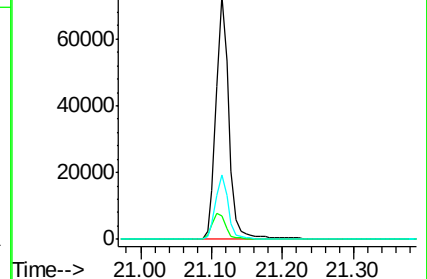
236 26.2 21.8 32.8



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



#27

Terphenyl-d14

Concen: 3.47 ng

RT: 19.57 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

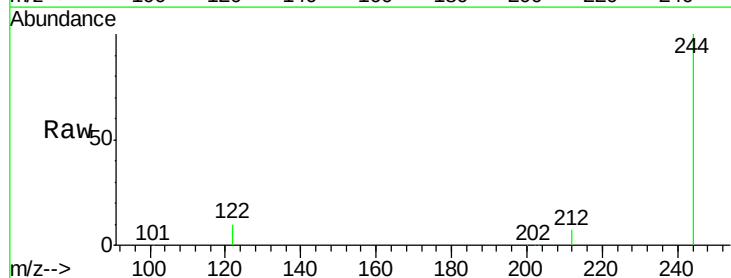
Tgt Ion:244 Resp: 53579

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

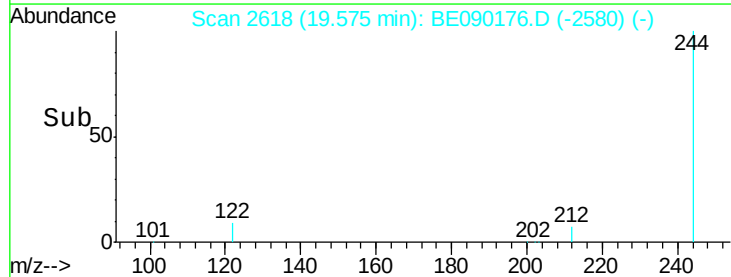
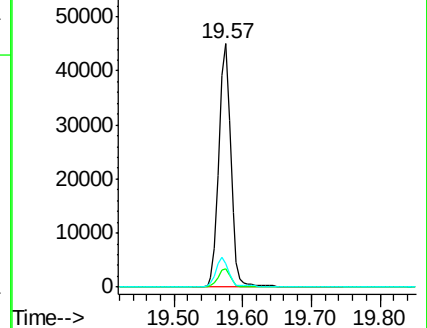
122 9.7 9.8 14.6#

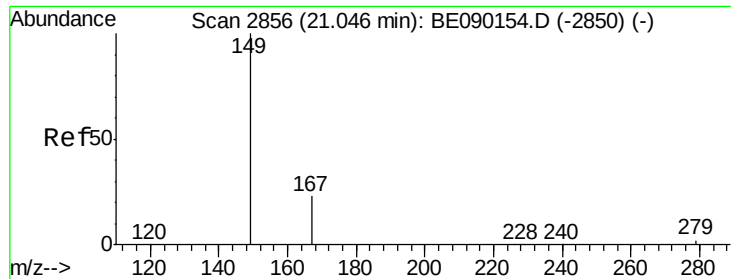


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 21.05 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

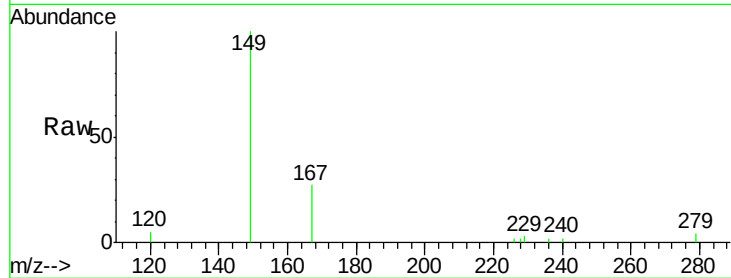
Tgt Ion:149 Resp: 3243

Ion Ratio Lower Upper

149 100

167 23.5 18.6 28.0

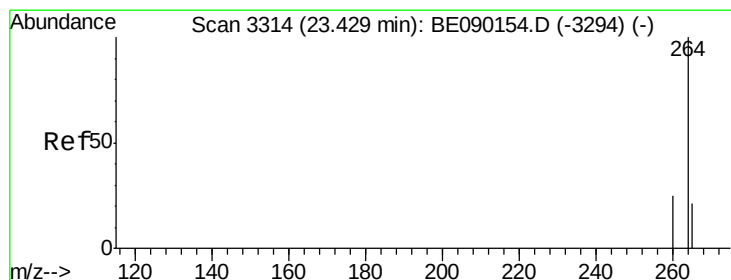
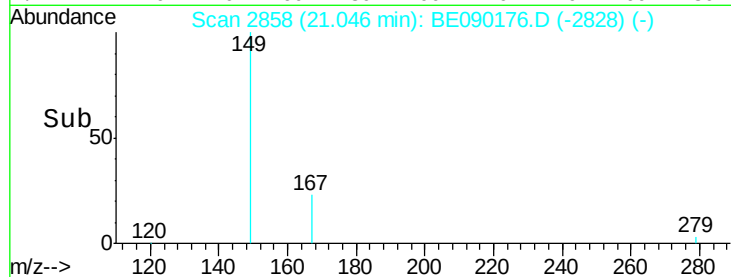
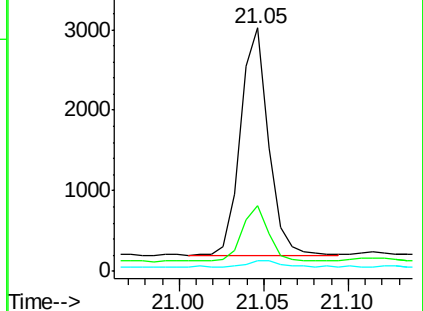
279 3.0 2.2 3.4



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: 23.43 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

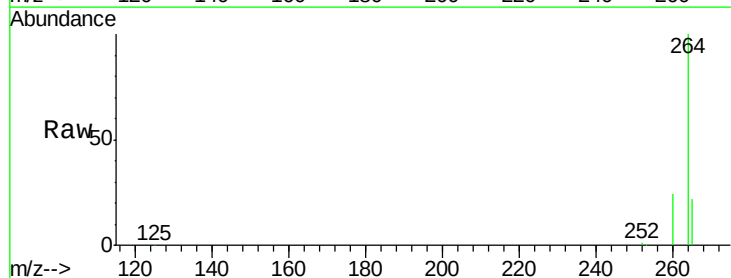
Tgt Ion:264 Resp: 90005

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.8 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

