

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
 Data File : BE092264.D
 Acq On : 11 Aug 2016 13:25
 Operator : UM/SJ
 Sample : H4221-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-44-8.6-15.0

Quant Time: Aug 11 16:59:03 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

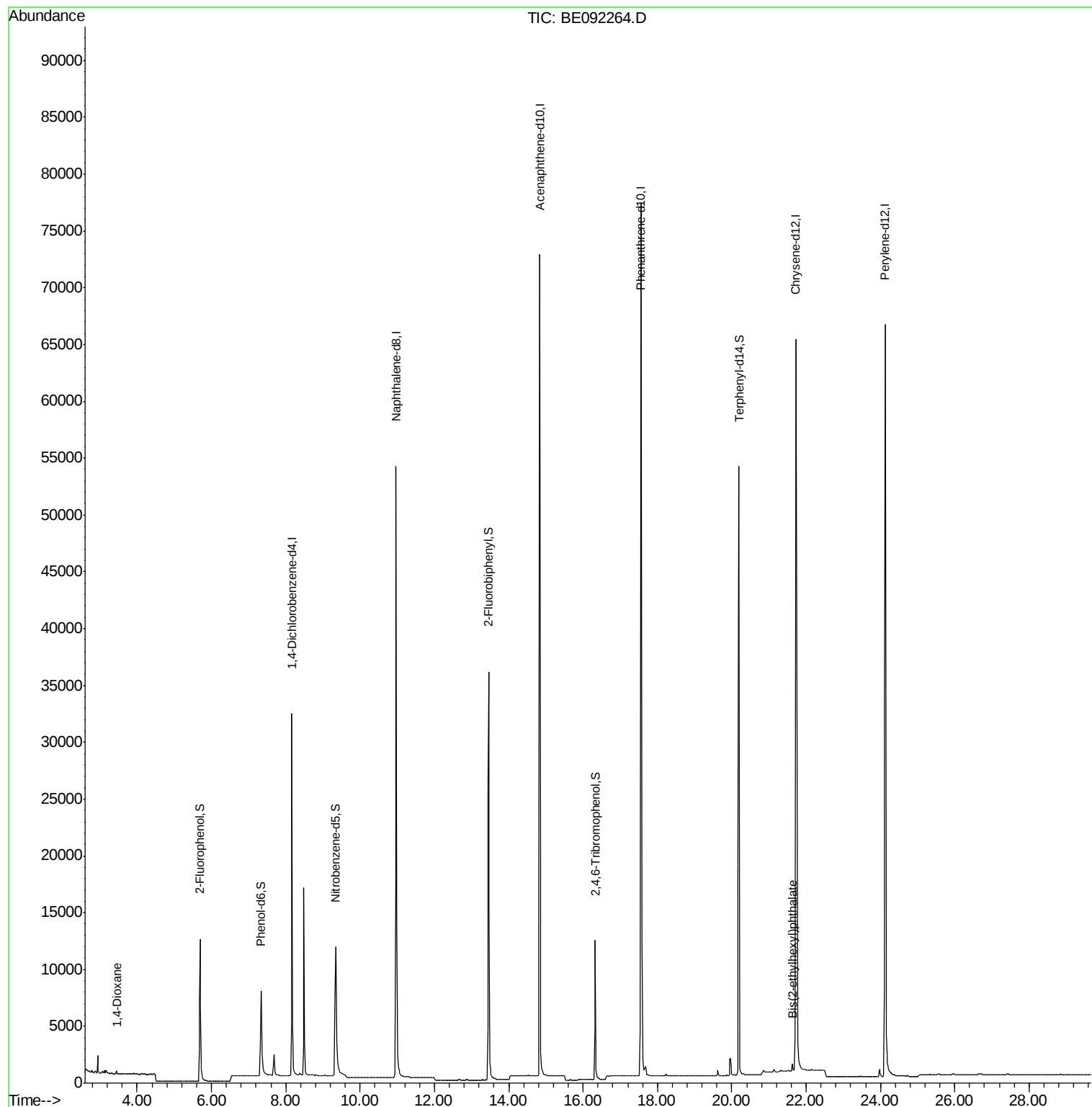
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	17275	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	80770	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	44188	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	109162	5.00	ng	0.00
24) Chrysene-d12	21.73	240	102095	5.00	ng	-0.02
31) Perylene-d12	24.12	264	106309	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	11205	2.97	ng	-0.01
5) Phenol-d6	7.34	99	11063	2.04	ng	-0.02
8) Nitrobenzene-d5	9.34	82	15781	2.77	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	8454	4.99	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	39799	2.91	ng	-0.01
26) Terphenyl-d14	20.19	244	64161	3.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	225	0.04	ng	Qvalue 92
29) Bis(2-ethylhexyl)phthalate	21.63	149	878	0.28	ng	# 94

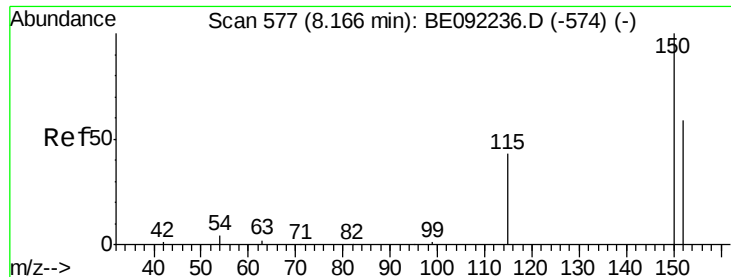
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0

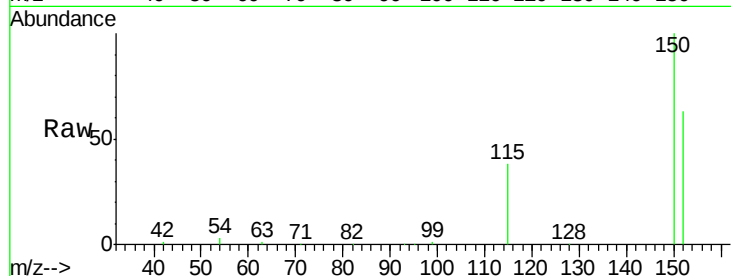
Tgt Ion:152 Resp: 17275

Ion Ratio Lower Upper

152 100

150 157.6 135.6 203.4

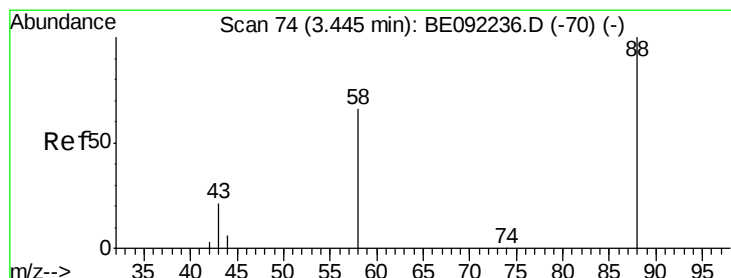
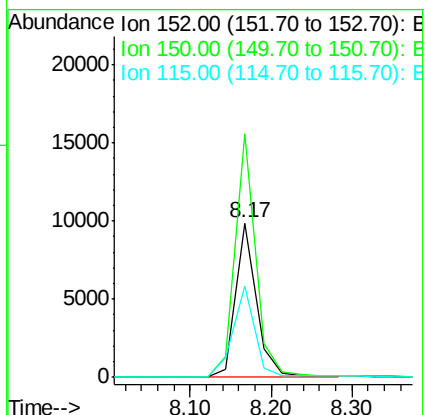
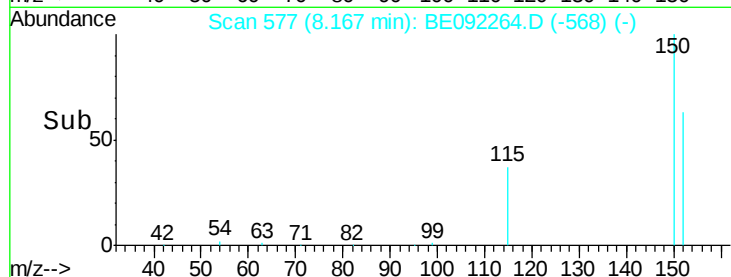
115 59.4 59.4 89.0



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



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 3.44 min Scan# 74

Delta R.T. 0.00 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

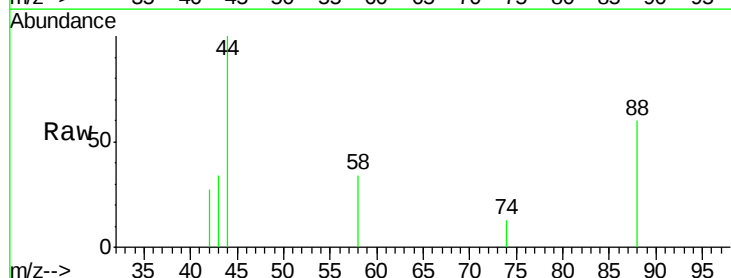
Tgt Ion: 88 Resp: 225

Ion Ratio Lower Upper

88 100

58 72.4 64.4 96.6

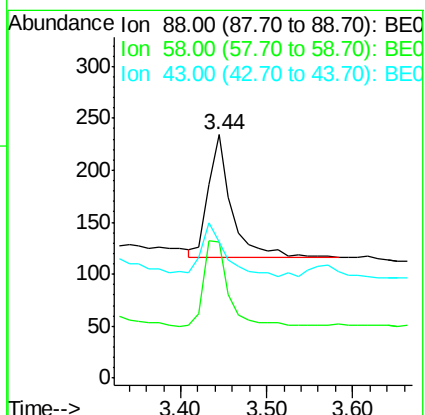
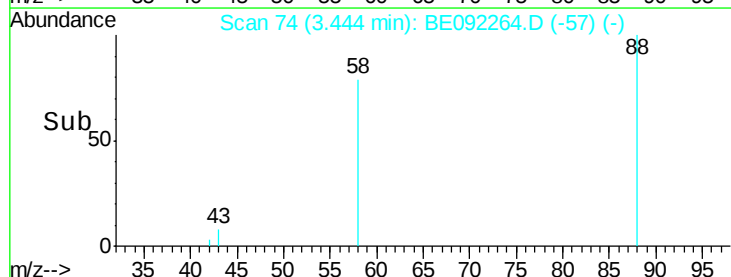
43 45.3 33.4 50.2

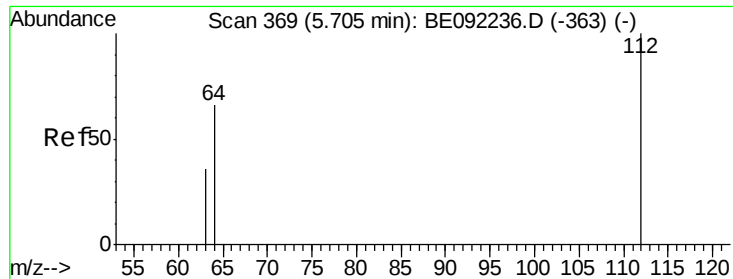


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.97 ng

RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0

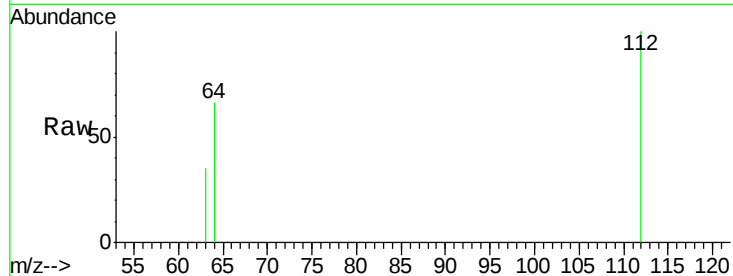
Tgt Ion: 112 Resp: 11205

Ion Ratio Lower Upper

112 100

64 66.7 53.2 79.8

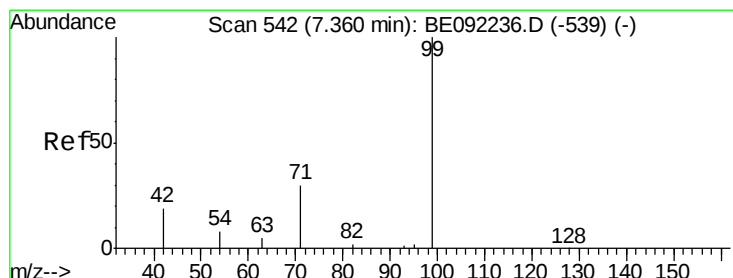
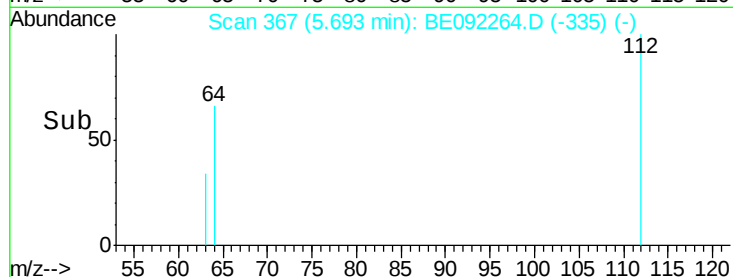
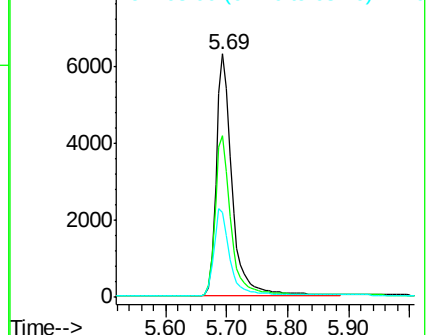
63 36.2 27.4 41.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.04 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

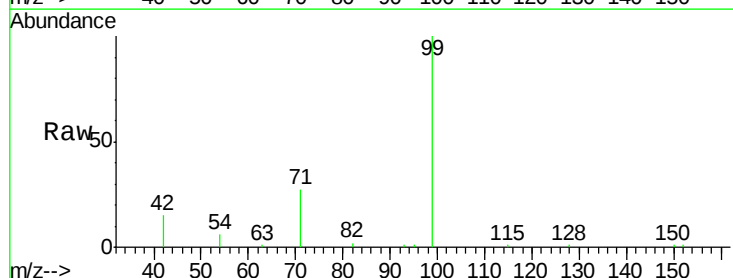
Tgt Ion: 99 Resp: 11063

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

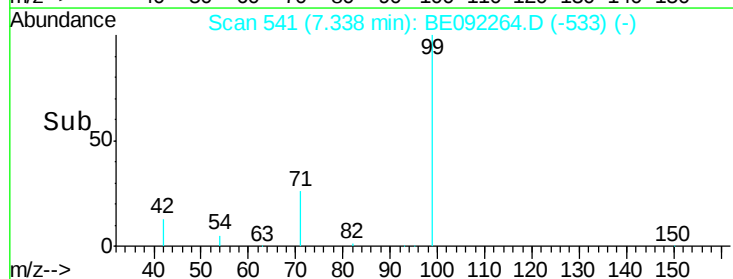
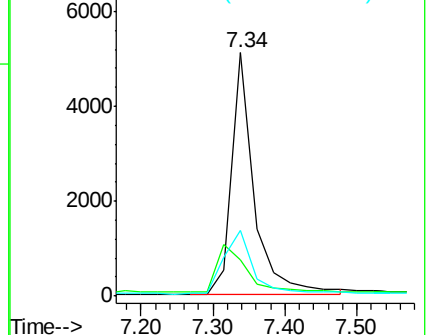
71 34.5 29.8 44.8

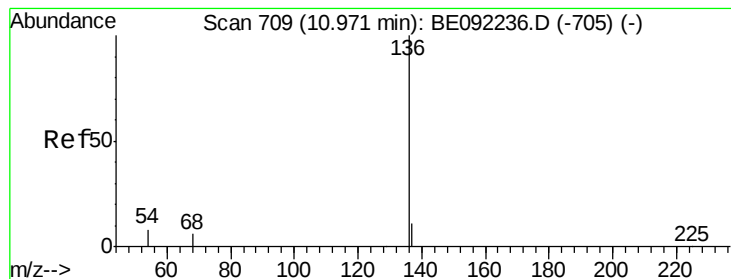


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0

Tgt Ion:136 Resp: 80770

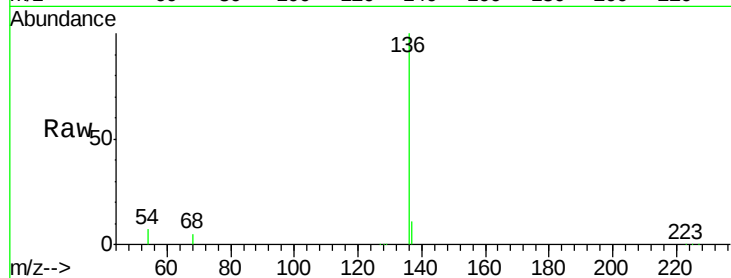
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.7 6.2 9.4

68 5.0 4.6 6.8

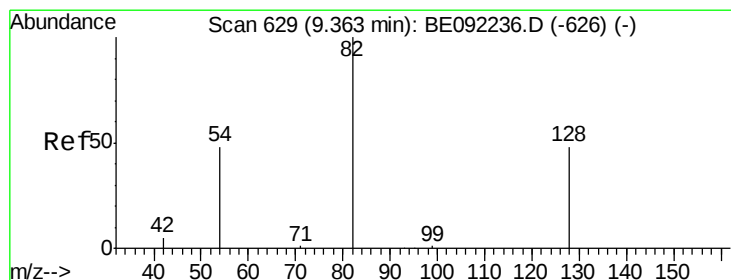
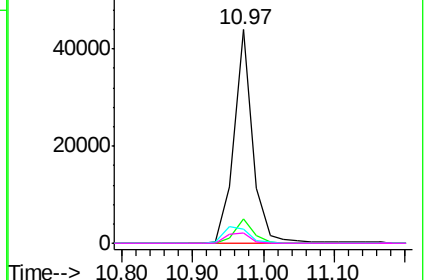
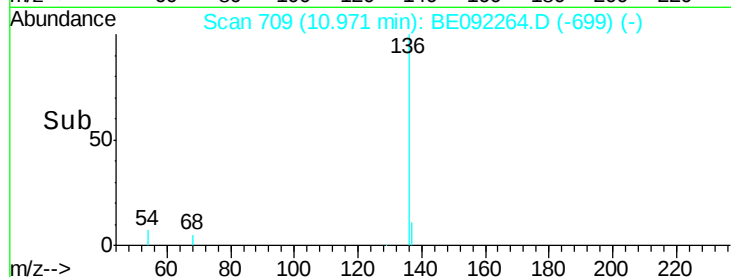


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 2.77 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

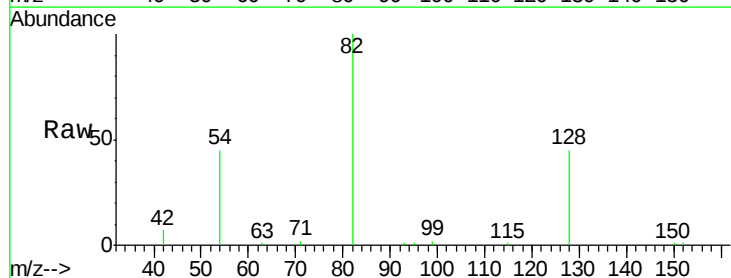
Tgt Ion: 82 Resp: 15781

Ion Ratio Lower Upper

82 100

128 45.3 45.0 67.4

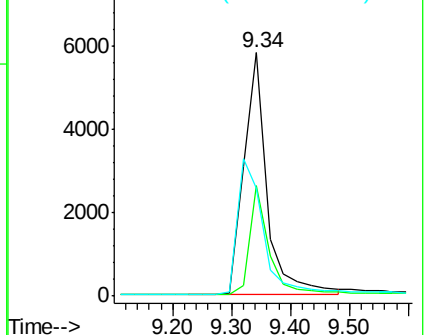
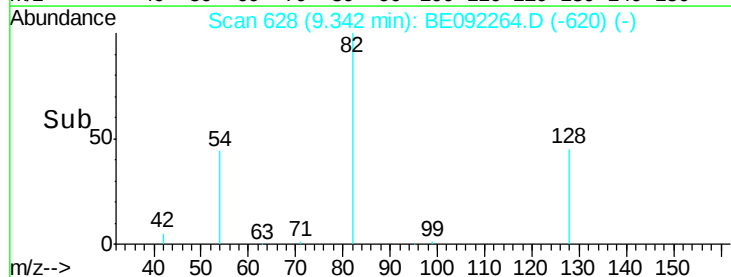
54 44.6 45.4 68.2#

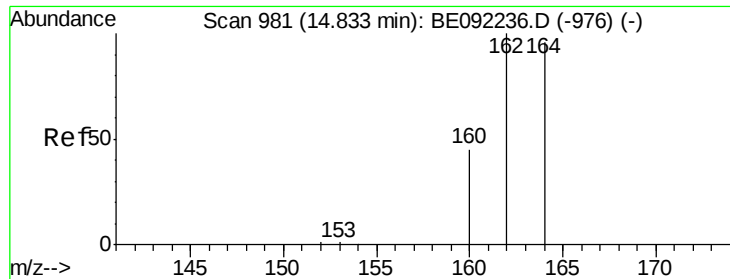


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0

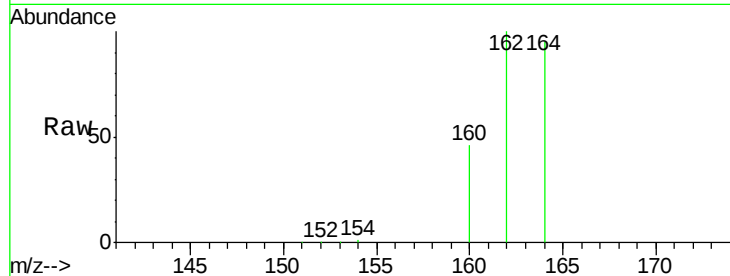
Tgt Ion:164 Resp: 44188

Ion Ratio Lower Upper

164 100

162 105.2 83.3 124.9

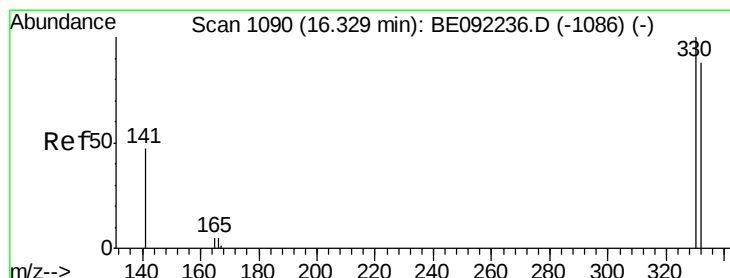
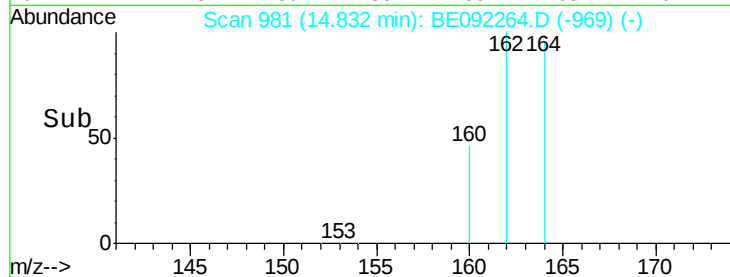
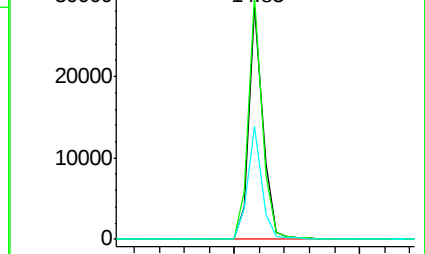
160 48.8 38.0 57.0



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



#13

2,4,6-Tribromophenol

Concen: 4.99 ng

RT: 16.32 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

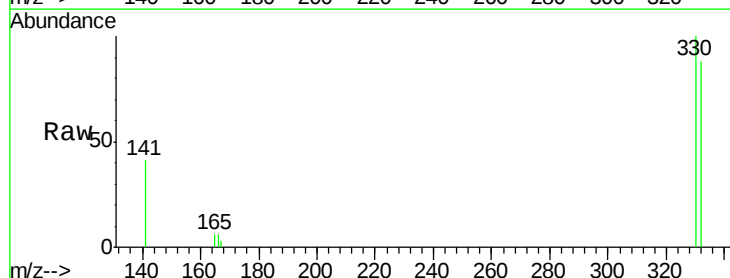
Tgt Ion:330 Resp: 8454

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.0

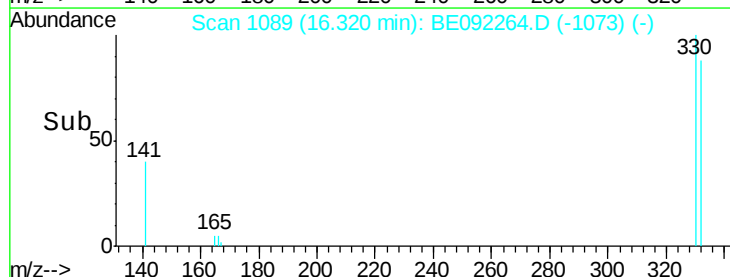
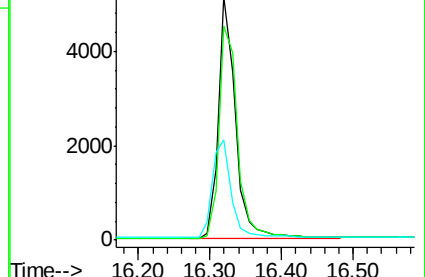
141 45.2 37.7 56.5

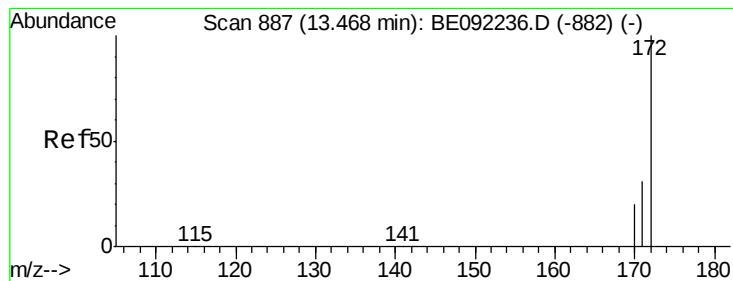


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 2.91 ng

RT: 13.46 min Scan# 886

Delta R.T. -0.01 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0

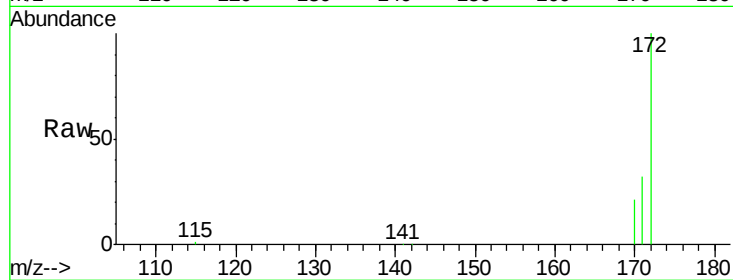
Tgt Ion:172 Resp: 39799

Ion Ratio Lower Upper

172 100

171 32.1 26.8 40.2

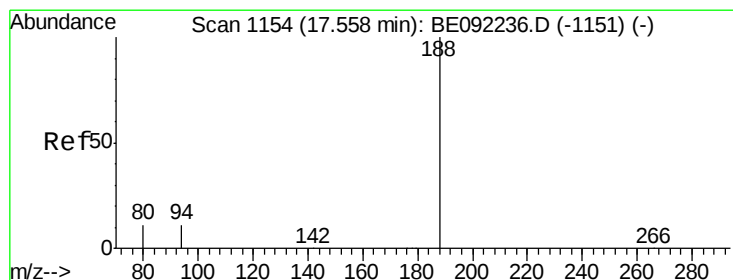
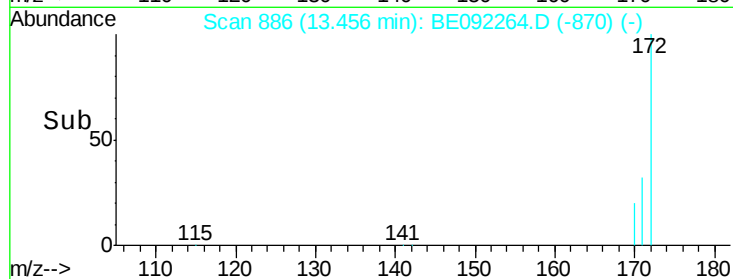
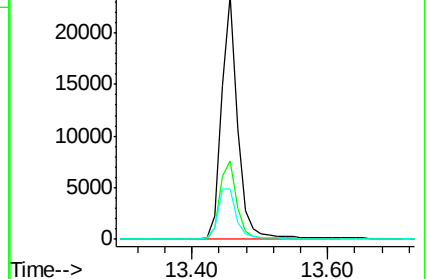
170 20.6 17.8 26.6



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

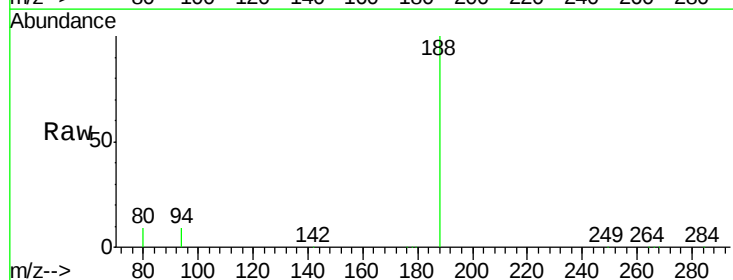
Tgt Ion:188 Resp: 109162

Ion Ratio Lower Upper

188 100

94 9.1 9.2 13.8#

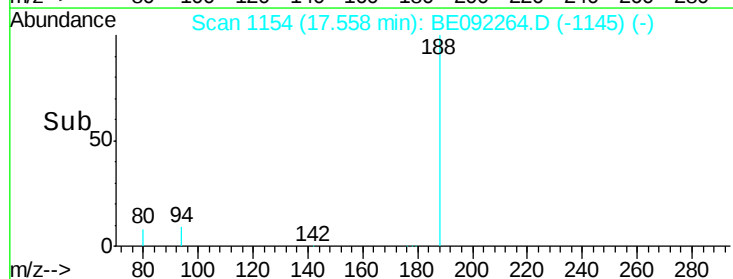
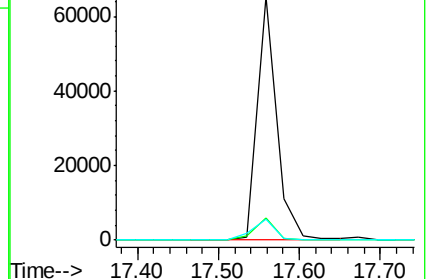
80 8.5 9.1 13.7#

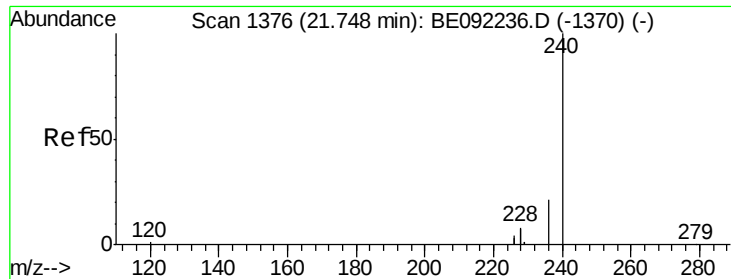


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0

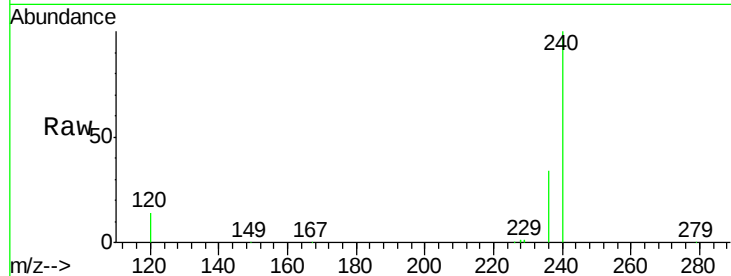
Tgt Ion:240 Resp: 102095

Ion Ratio Lower Upper

240 100

120 14.2 1.2 1.8#

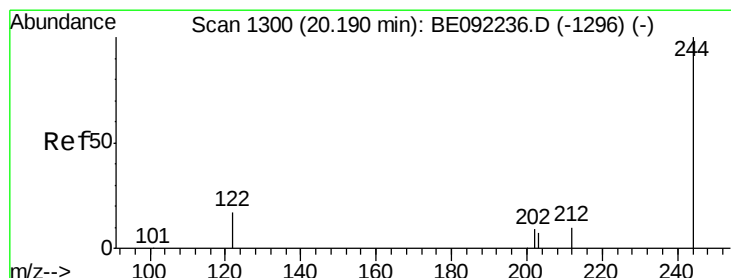
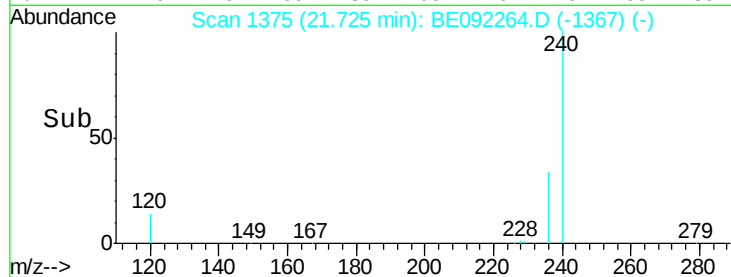
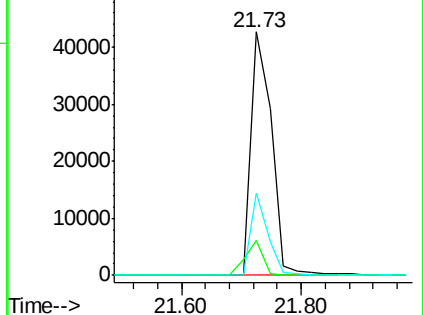
236 34.0 17.1 25.7#



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



#26

Terphenyl-d14

Concen: 3.72 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

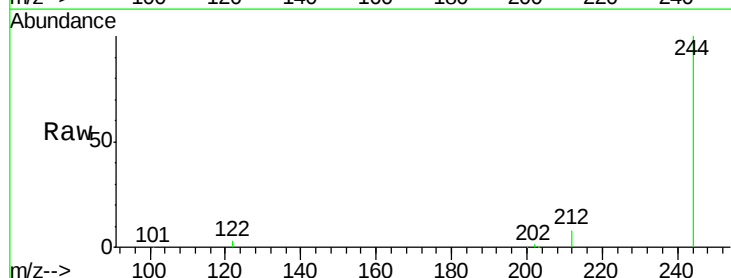
Tgt Ion:244 Resp: 64161

Ion Ratio Lower Upper

244 100

212 7.9 10.2 15.2#

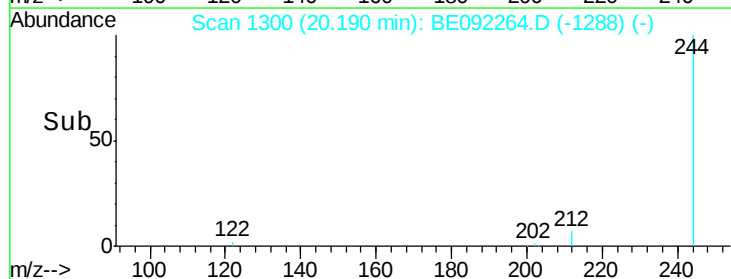
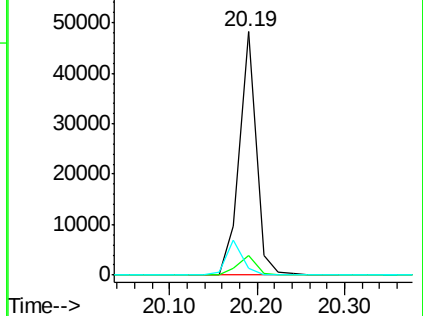
122 2.6 15.9 23.9#

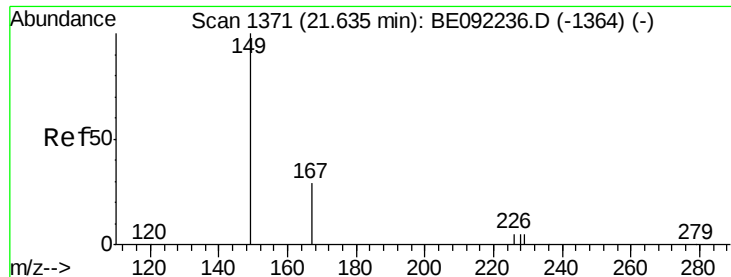


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.63 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

Instrument :

BNA_E

ClientSampleId :

GW-44-8.6-15.0

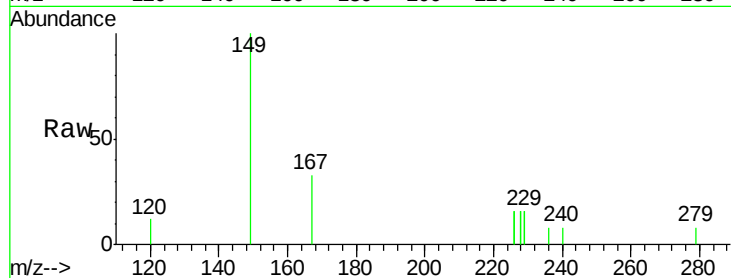
Tgt Ion:149 Resp: 878

Ion Ratio Lower Upper

149 100

167 24.6 22.1 33.1

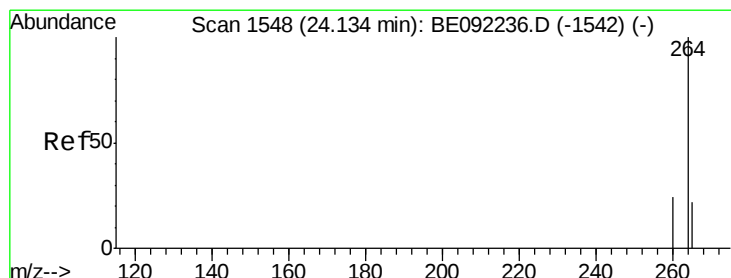
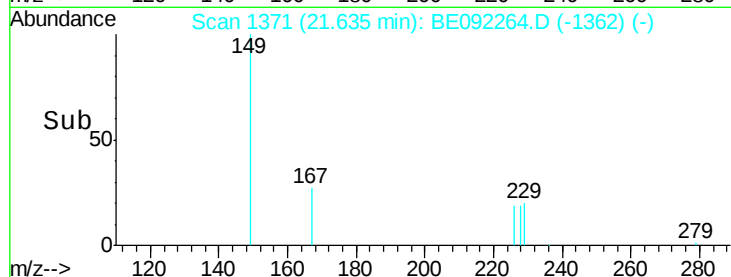
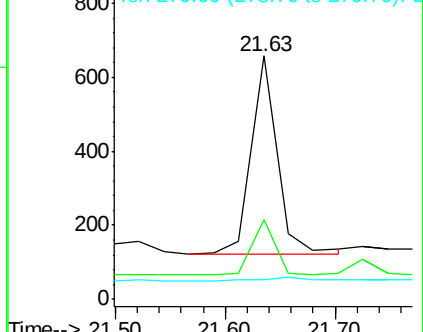
279 0.0 0.0 0.0



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BE092264.D

Acq: 11 Aug 2016 13:25

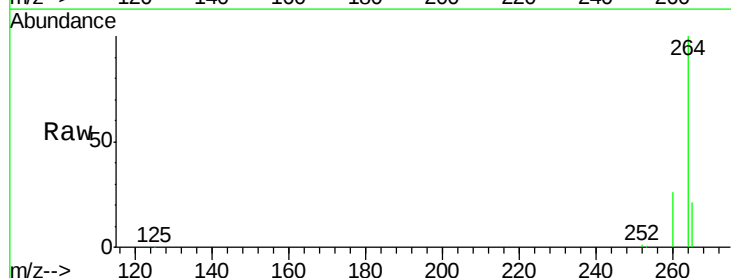
Tgt Ion:264 Resp: 106309

Ion Ratio Lower Upper

264 100

260 26.0 19.5 29.3

265 20.8 18.2 27.4



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

