

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
 Data File : BE090664.D
 Acq On : 28 Aug 2015 20:07
 Operator : UM/IZ
 Sample : G3460-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 31 04:53:07 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

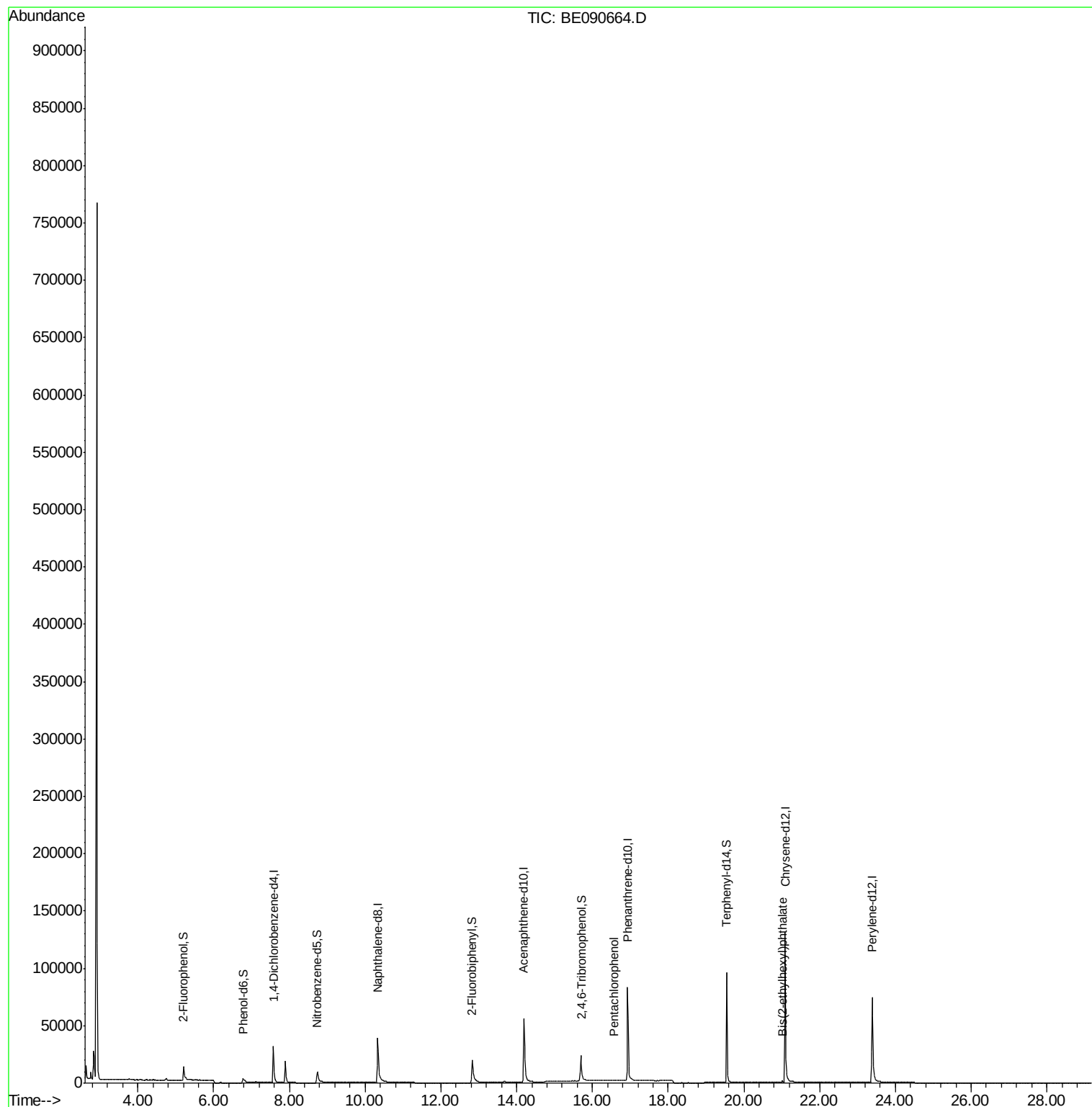
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19574	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	84308	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	50465	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	138331	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	145709	5.00	ng	0.00
32) Perylene-d12	23.39	264	121659	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	12741	2.25	ng	0.00
5) Phenol-d6	6.78	99	10451	1.26	ng	0.00
7) Nitrobenzene-d5	8.74	82	17732	2.64	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	13504	6.95	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	41917	2.78	ng	0.01
27) Terphenyl-d14	19.55	244	109490	4.11	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.56	266	2	0.30	ng	Qvalue # 70
30) Bis(2-ethylhexyl)phthalate	21.02	149	1481	0.20	ng	98

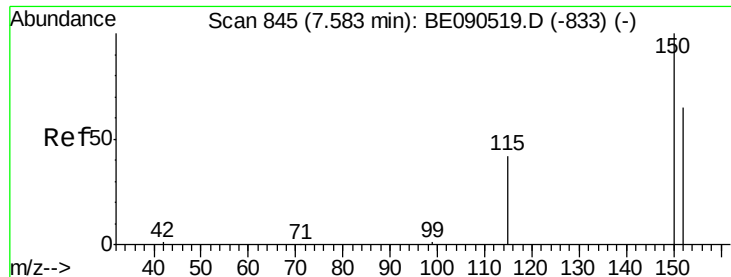
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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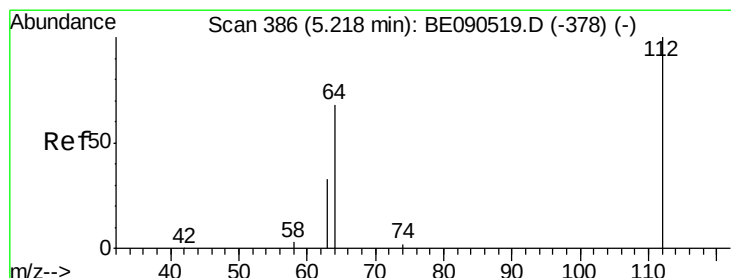
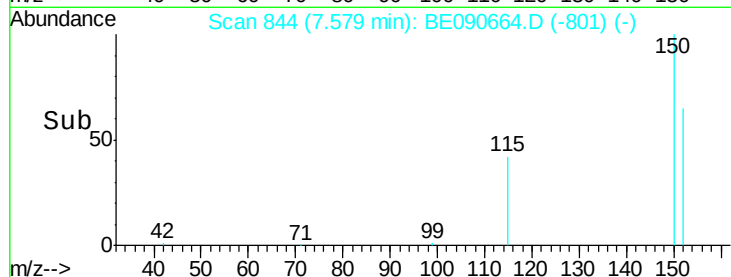
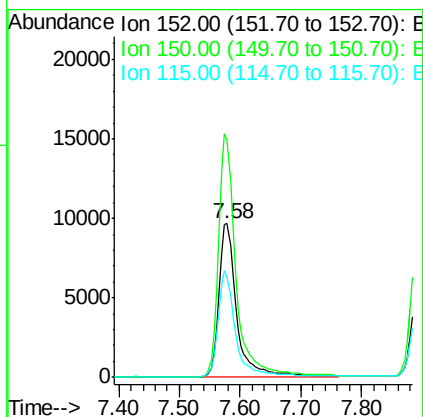
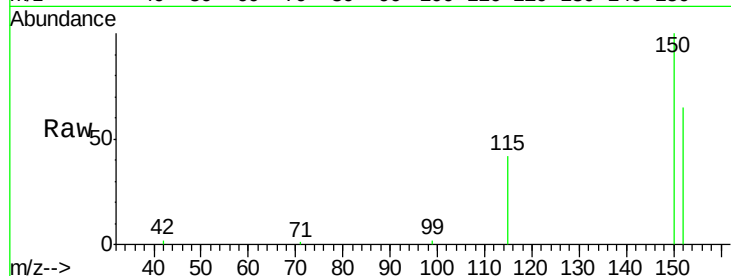


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090664.D
Acq: 28 Aug 2015 20:07

Instrument :
BNA_E
ClientSampled :

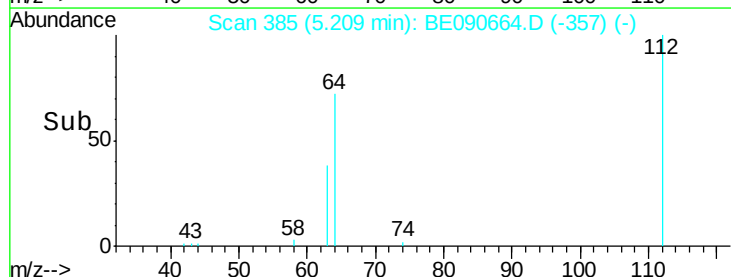
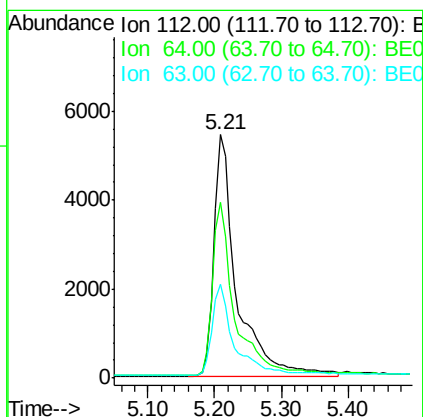
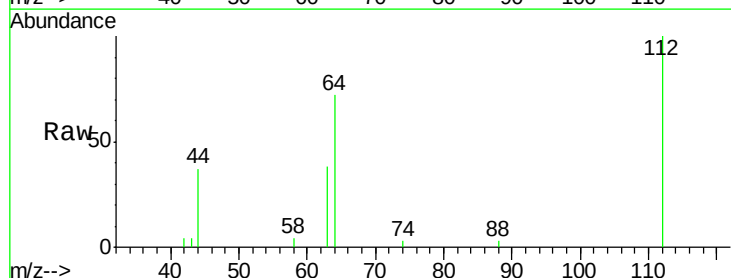
Tot Ion:152 Resp: 19574
Ion Ratio Lower Upper
152 100
150 153.9 123.0 184.4
115 65.3 48.9 73.3

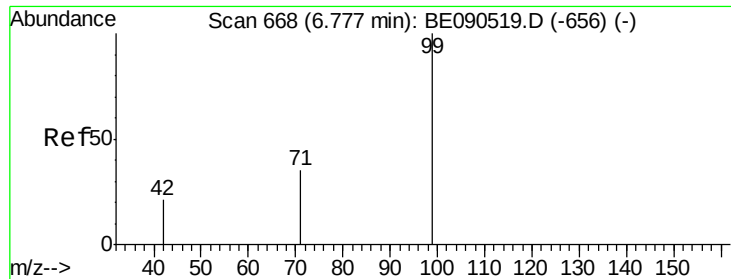


#4

2-Fluorophenol
Concen: 2.25 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090664.D
Acq: 28 Aug 2015 20:07

Tgt Ion:112 Resp: 12741
Ion Ratio Lower Upper
112 100
64 71.0 37.1 55.7#
63 37.0 19.5 29.3#





#5

Phenol-d6

Concen: 1.26 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

Instrument :

BNA_E

ClientSampleId :

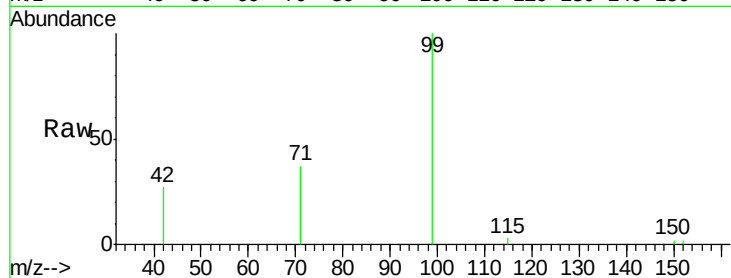
Tot Ion: 99 Resp: 10451

Ion Ratio Lower Upper

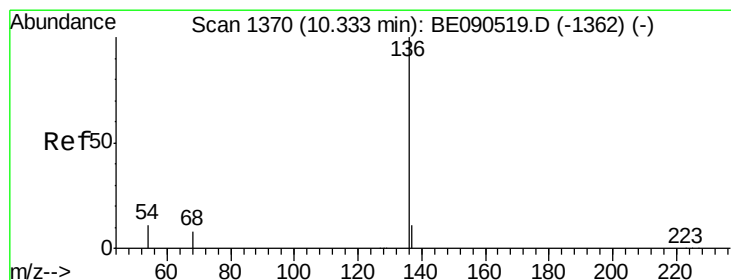
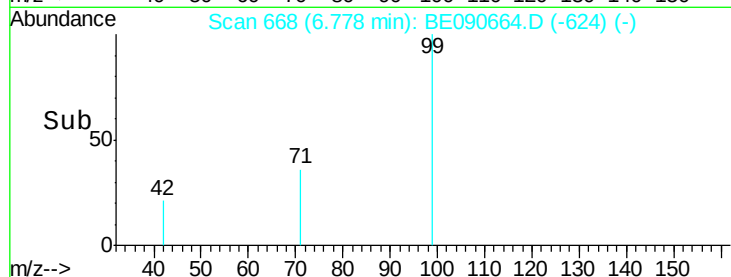
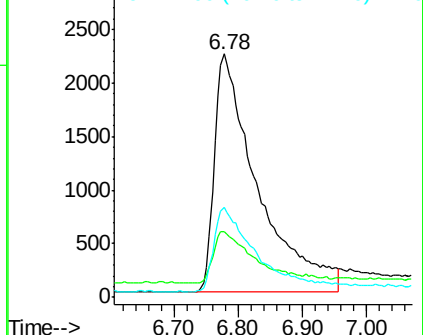
99 100

42 20.6 18.2 27.4

71 33.6 27.4 41.0



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: 10.33 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

Tgt Ion: 136 Resp: 84308

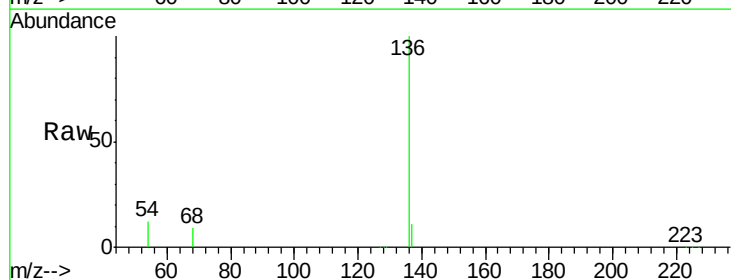
Ion Ratio Lower Upper

136 100

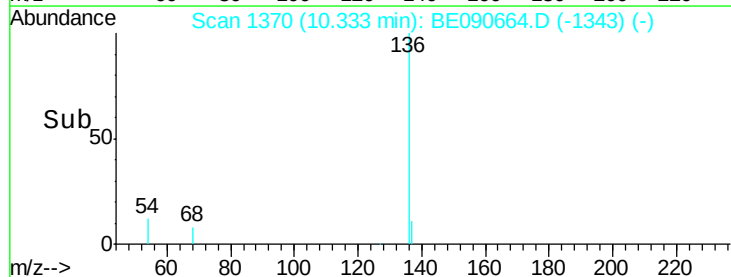
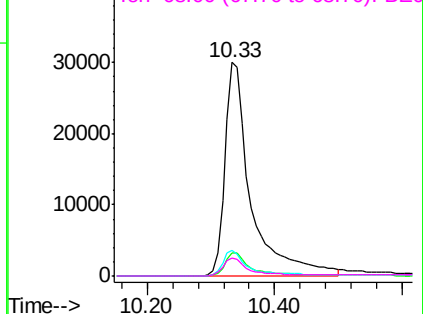
137 11.0 8.7 13.1

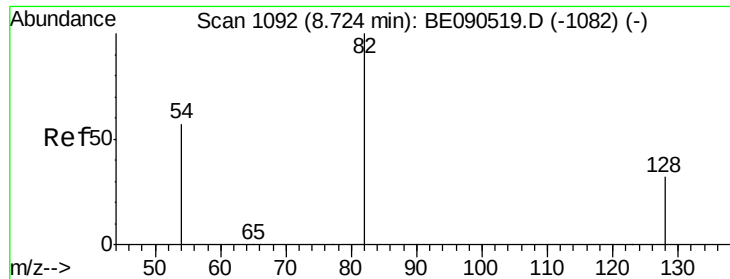
54 11.8 9.4 14.0

68 8.5 6.5 9.7



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: 2.64 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

Instrument :

BNA_E

ClientSampleId :

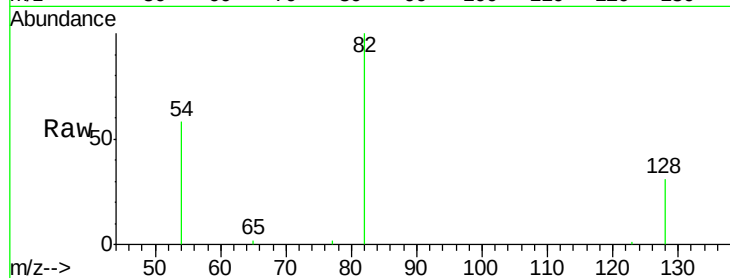
Tot Ion: 82 Resp: 17732

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.6

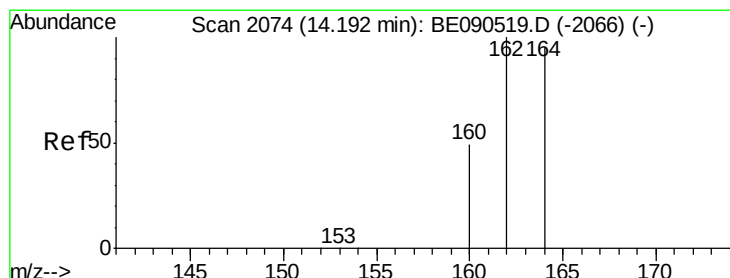
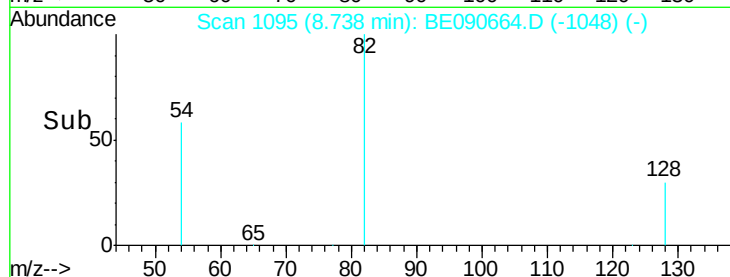
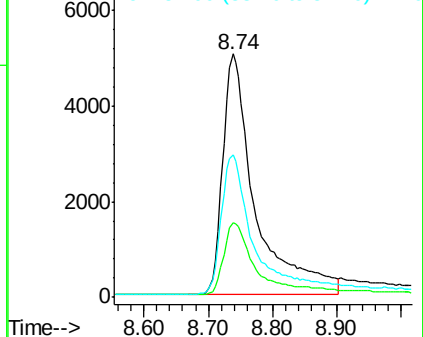
54 58.4 48.8 73.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

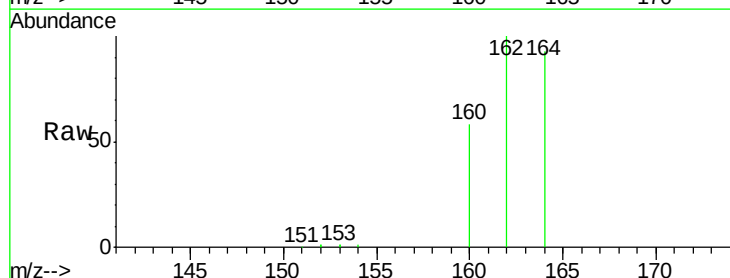
Tgt Ion: 164 Resp: 50465

Ion Ratio Lower Upper

164 100

162 107.5 81.8 122.8

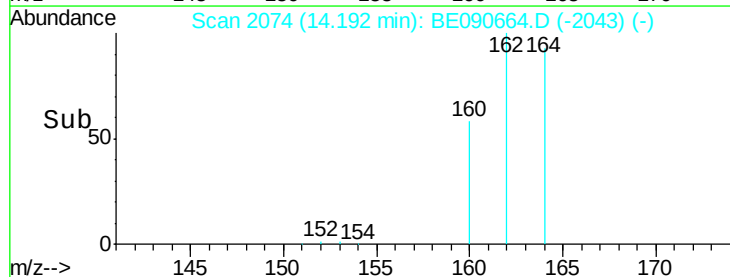
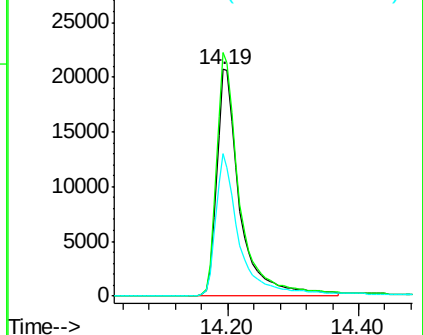
160 62.6 44.2 66.4

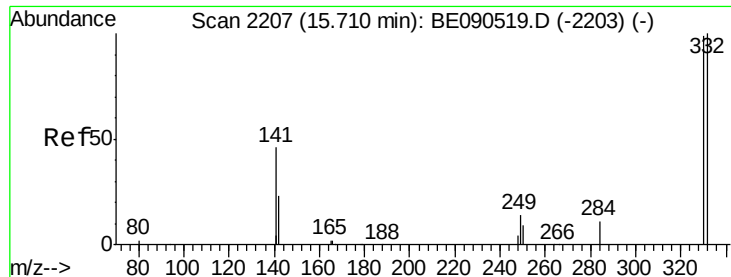


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

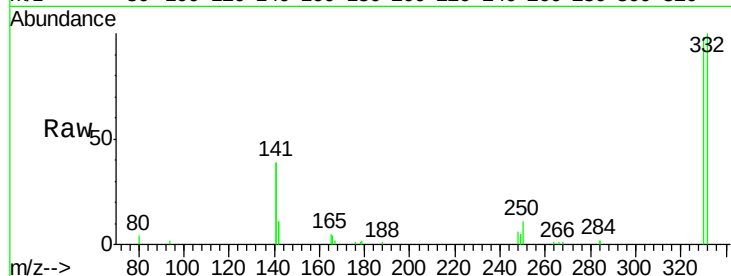




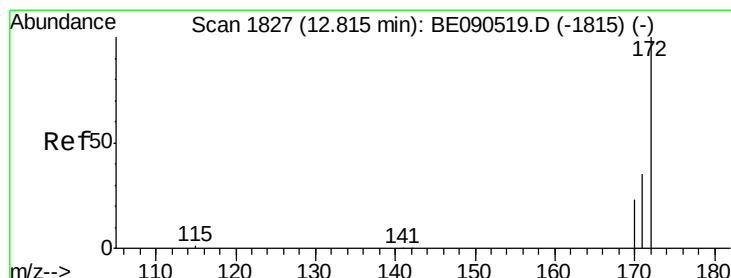
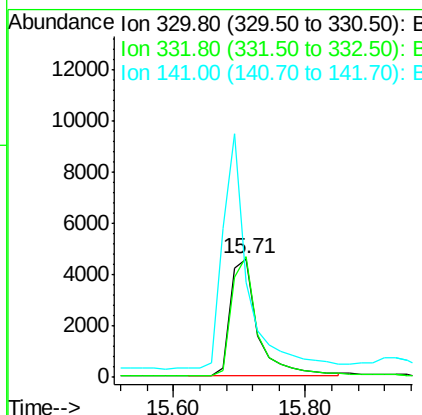
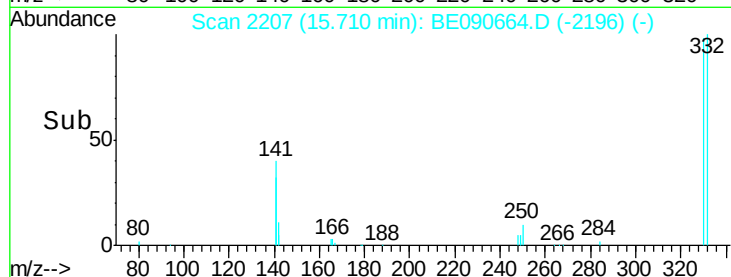
#13
 2,4,6-Tribromophenol
 Concen: 6.95 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090664.D
 Acq: 28 Aug 2015 20:07

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 13504
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.8 113.6
 141 179.6 114.4 171.6#

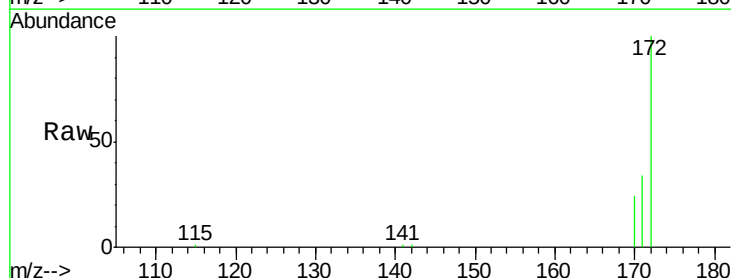


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

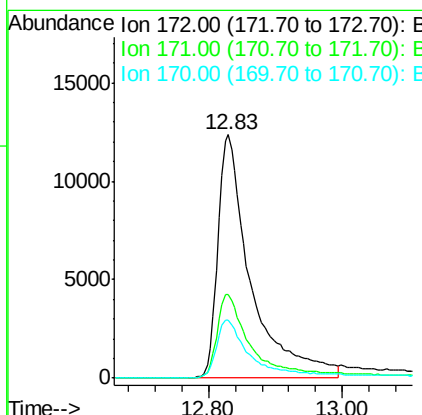
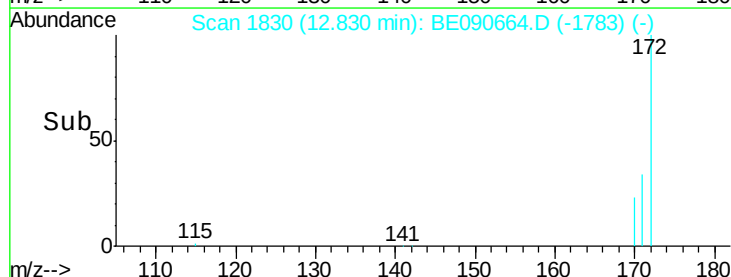


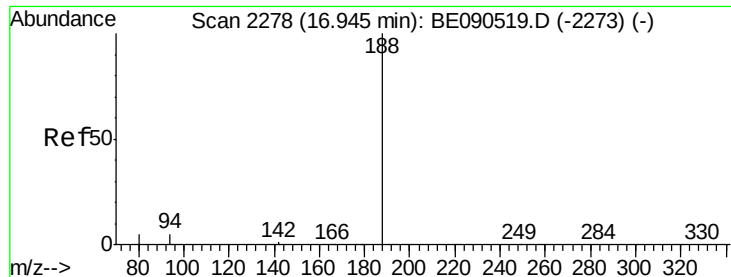
#14
 2-Fluorobiphenyl
 Concen: 2.78 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BE090664.D
 Acq: 28 Aug 2015 20:07

Tgt Ion:172 Resp: 41917
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.8 19.8 29.8



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: 16.93 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

Instrument :

BNA_E

ClientSampleId :

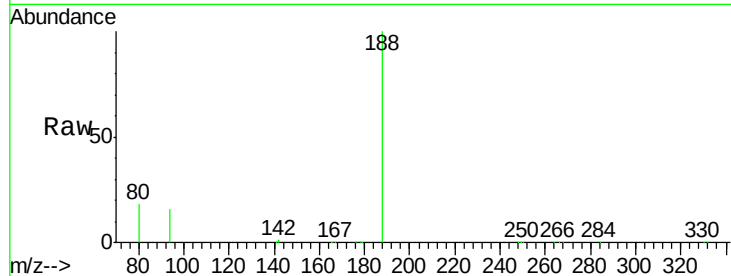
Tot Ion:188 Resp: 138331

Ion Ratio Lower Upper

188 100

94 15.8 5.7 8.5#

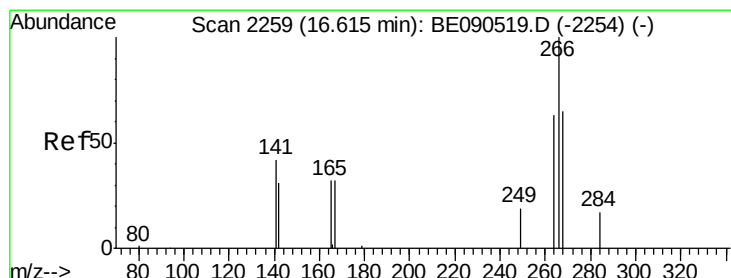
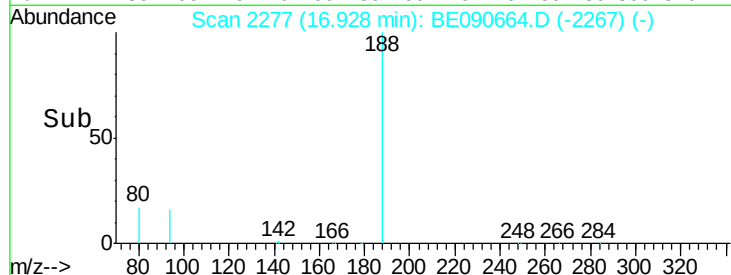
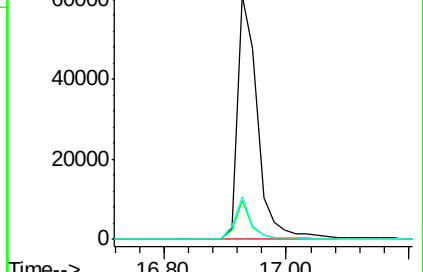
80 17.7 5.8 8.8#



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



#21

Pentachlorophenol

Concen: 0.30 ng

RT: 16.56 min Scan# 2256

Delta R.T. -0.05 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

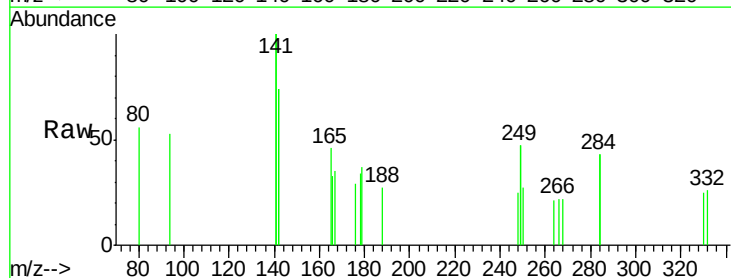
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

268 97.9 58.5 87.7#

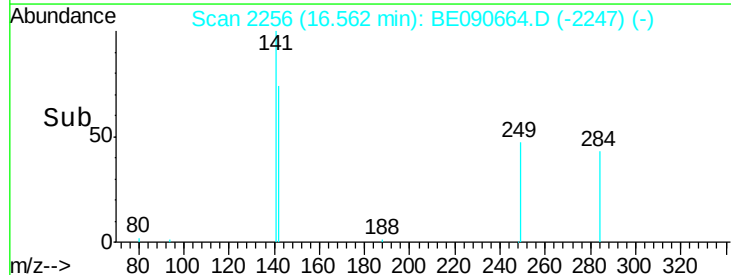
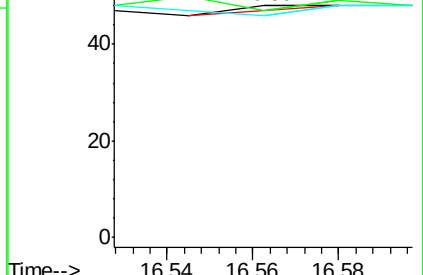
264 95.8 56.0 84.0#

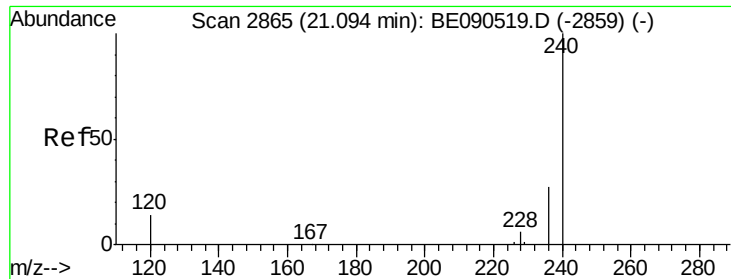


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

Instrument :

BNA_E

ClientSampleId :

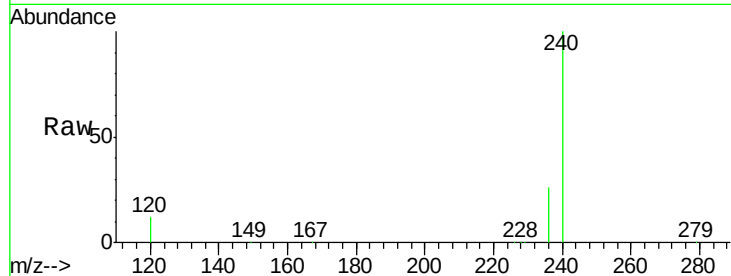
Tot Ion:240 Resp: 145709

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

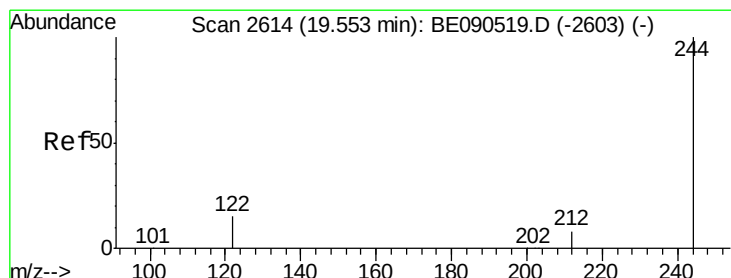
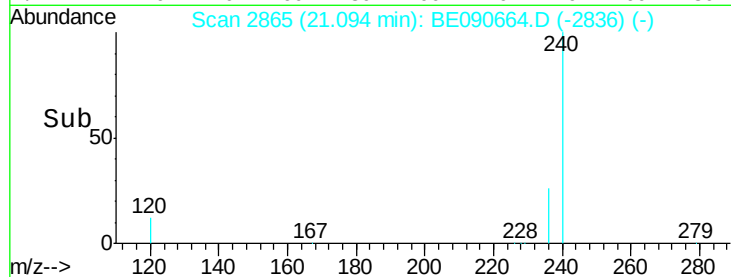
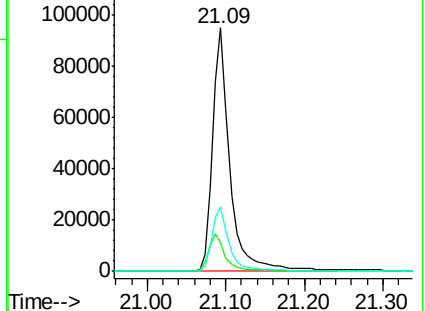
236 26.5 21.0 31.4



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: 4.11 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

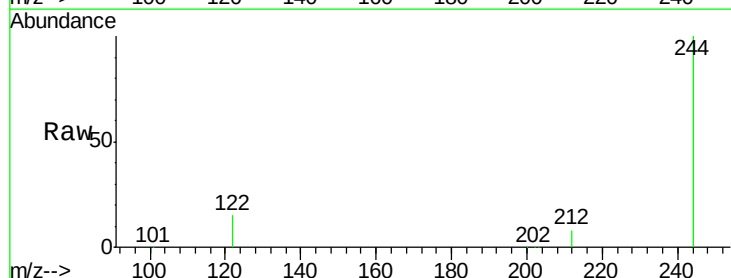
Tgt Ion:244 Resp: 109490

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

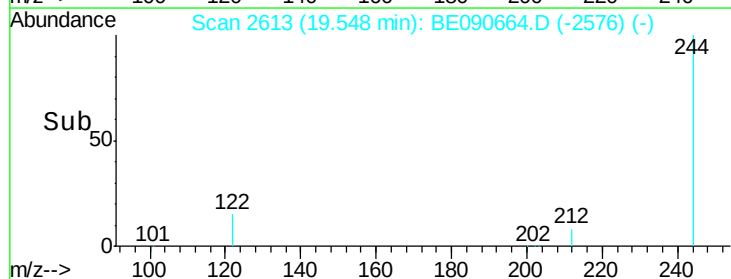
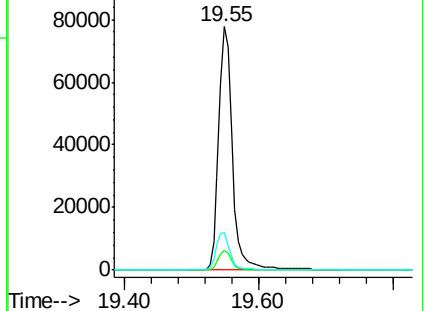
122 15.4 10.2 15.4

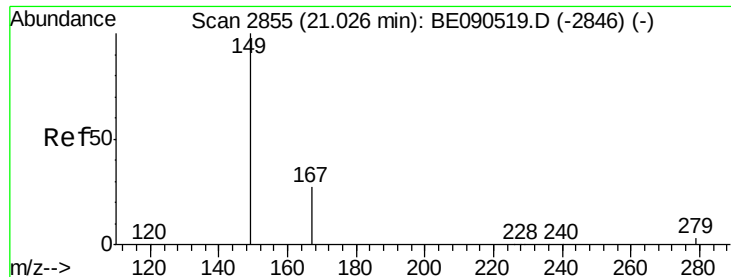


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

Instrument :

BNA_E

ClientSampleId :

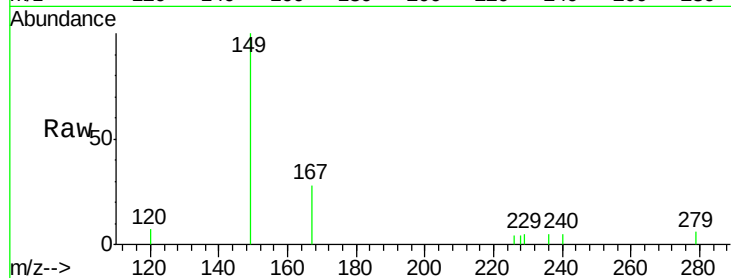
Tot Ion:149 Resp: 1481

Ion Ratio Lower Upper

149 100

167 23.7 19.8 29.8

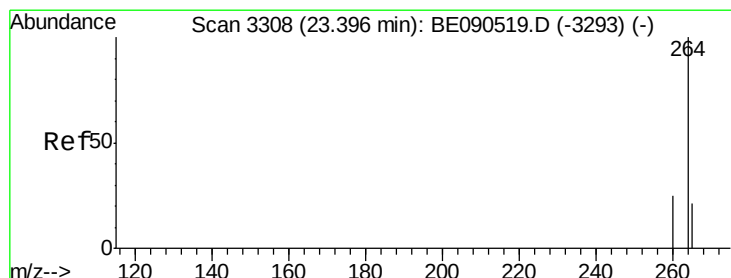
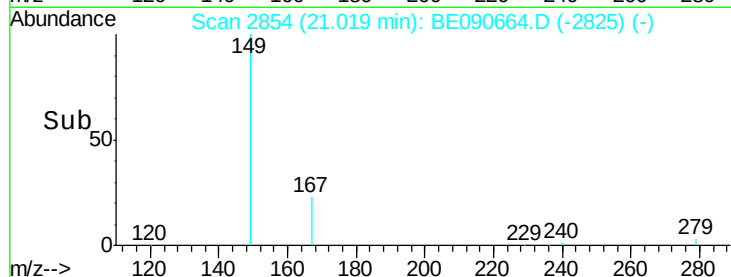
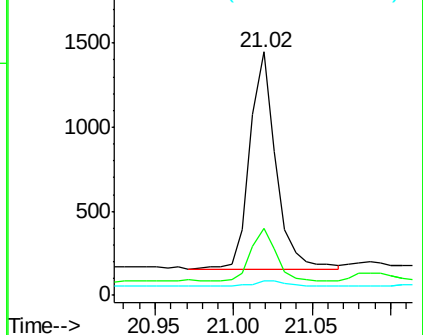
279 3.0 2.4 3.6



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: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090664.D

Acq: 28 Aug 2015 20:07

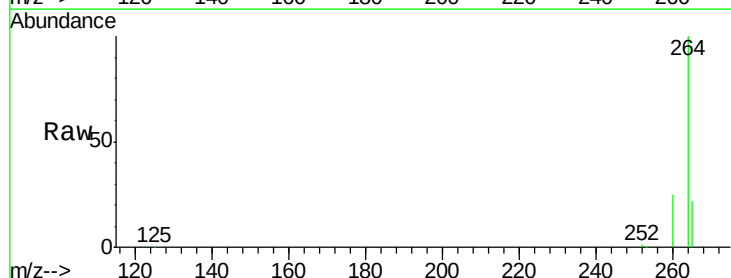
Tgt Ion:264 Resp: 121659

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.2 17.2 25.8



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

