

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082615\
 Data File : BE090644.D
 Acq On : 26 Aug 2015 20:58
 Operator : UM/IZ
 Sample : G3415-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-S

Quant Time: Aug 26 23:51:02 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 26 23:44:39 2015
 Response via : Initial Calibration

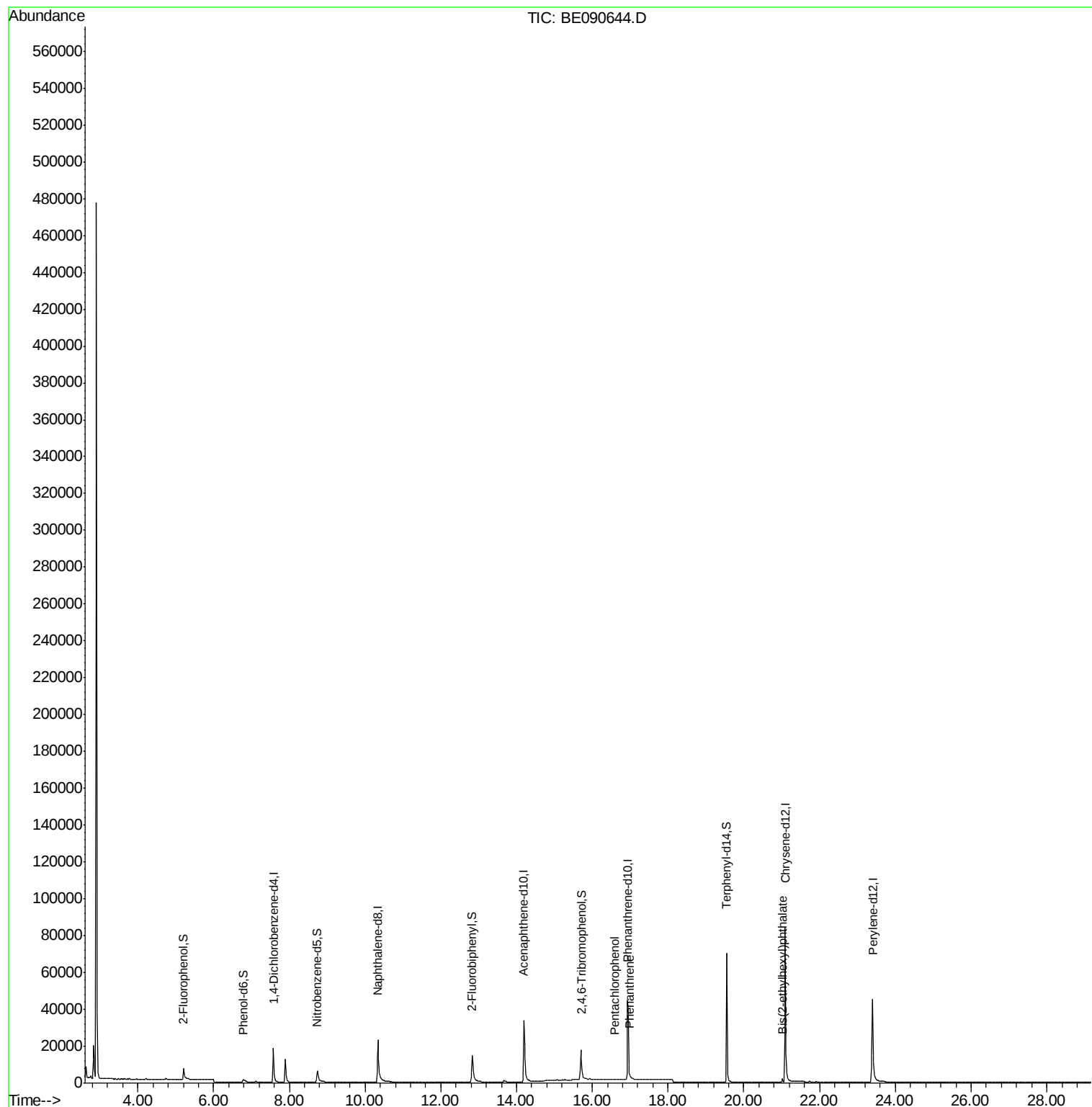
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	11777	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	51093	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	30564	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	83021	5.00	ng	0.00
25) Chrysene-d12	21.09	240	94060	5.00	ng	0.00
32) Perylene-d12	23.40	264	80100	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	6632	1.95	ng	0.00
5) Phenol-d6	6.79	99	4919	0.98	ng	0.01
7) Nitrobenzene-d5	8.74	82	12101	2.97	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	10259	8.72	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	31262	3.42	ng	0.00
27) Terphenyl-d14	19.55	244	81985	4.77	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.60	266	8	0.31	ng	# 63
22) Phenanthrene	16.98	178	460	0.02	ng	# 75
30) Bis(2-ethylhexyl)phthalate	21.02	149	1741	0.25	ng	99

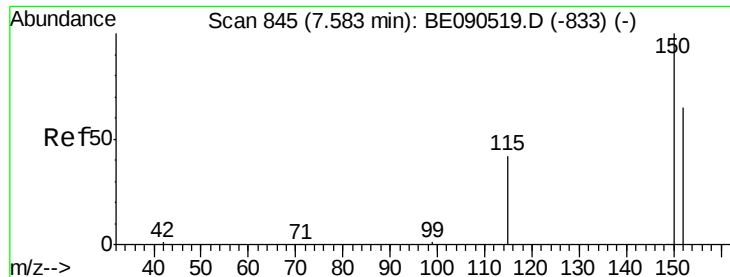
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090644.D

Acq: 26 Aug 2015 20:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

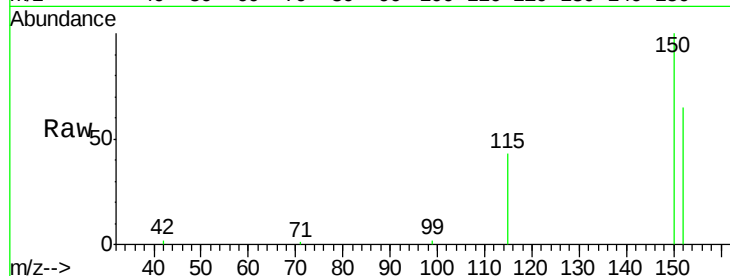
Tgt Ion:152 Resp: 11777

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

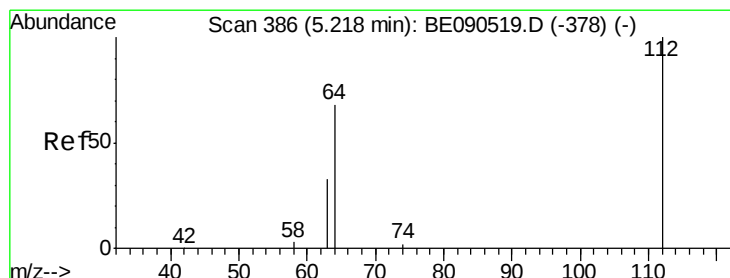
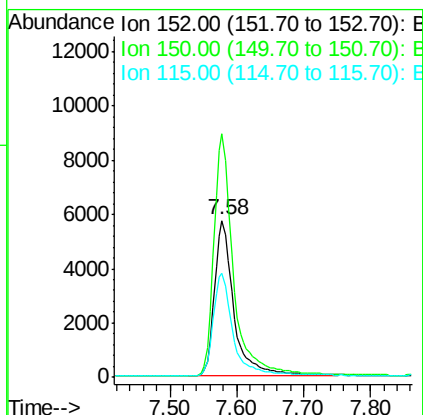
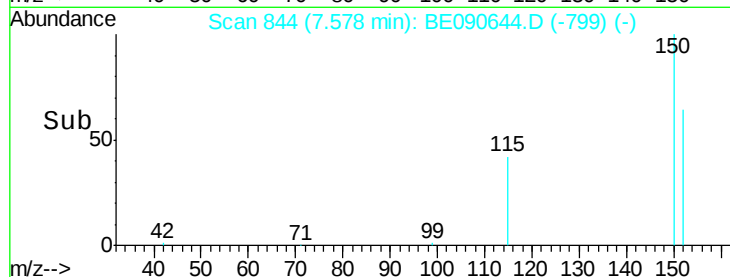
115 66.1 48.9 73.3



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: 1.95 ng

RT: 5.21 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

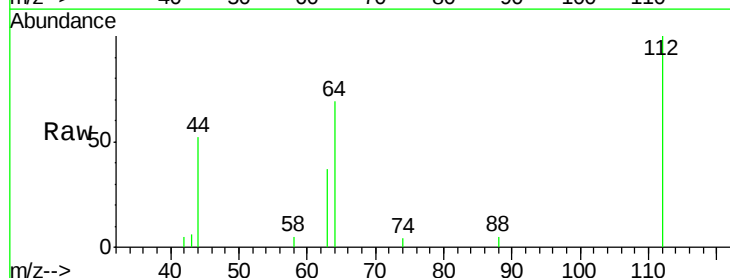
Tgt Ion:112 Resp: 6632

Ion Ratio Lower Upper

112 100

64 70.0 37.1 55.7#

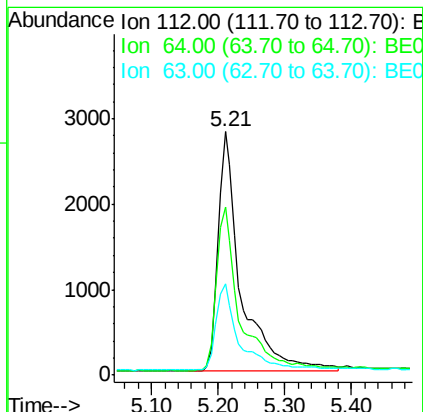
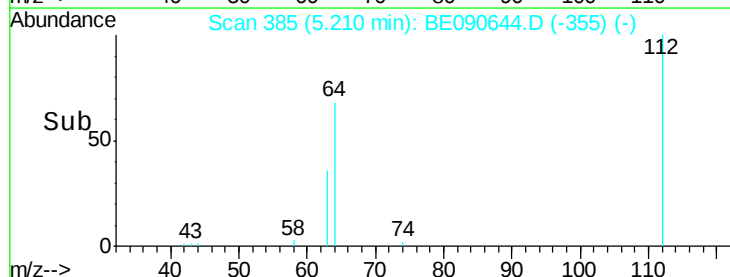
63 36.5 19.5 29.3#

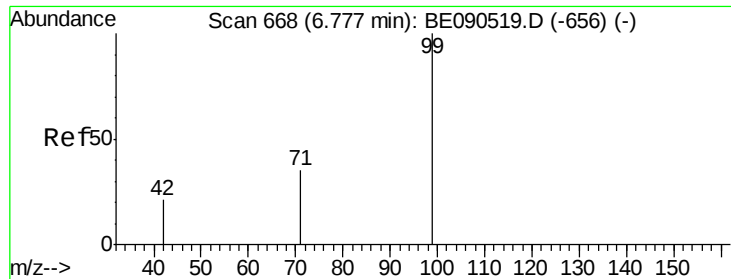


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.98 ng

RT: 6.79 min Scan# 670

Delta R.T. 0.01 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

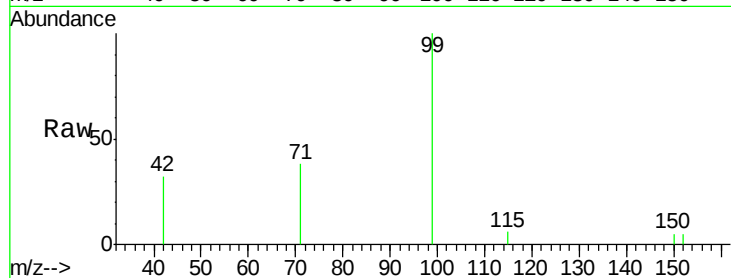
Tgt Ion: 99 Resp: 4919

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.4

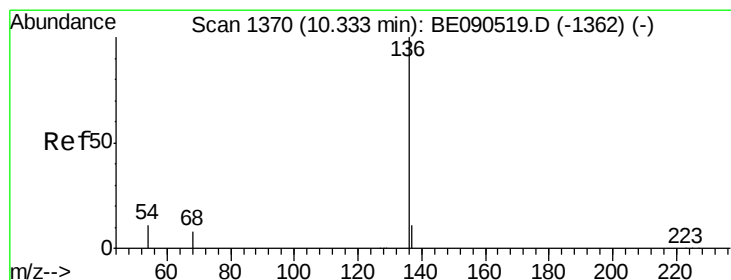
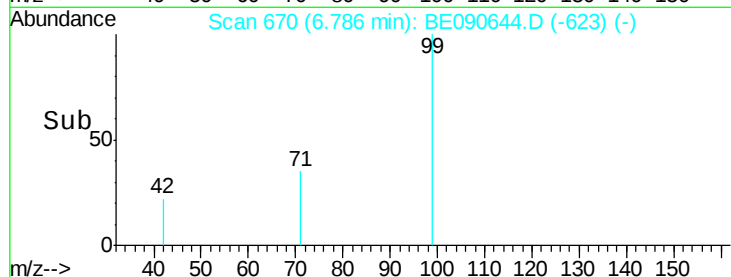
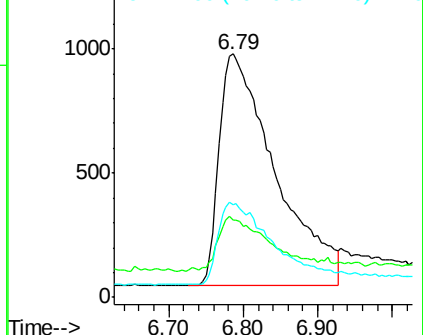
71 35.5 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

Tgt Ion: 136 Resp: 51093

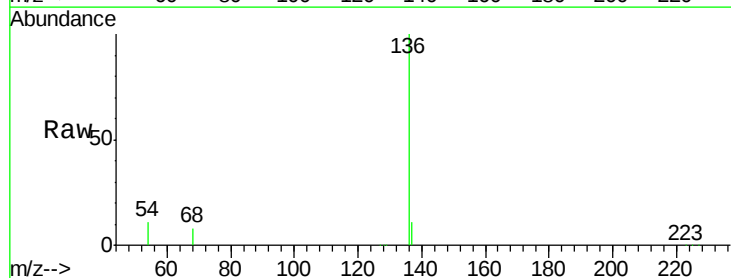
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 9.4 14.0

68 7.8 6.5 9.7

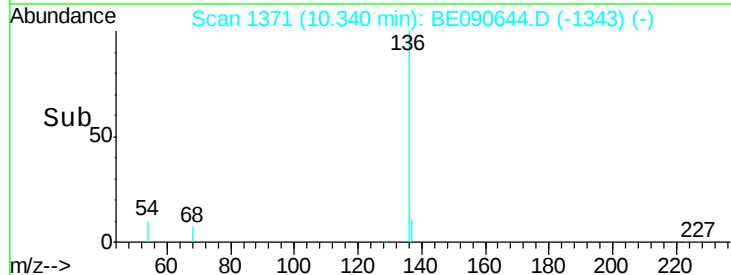
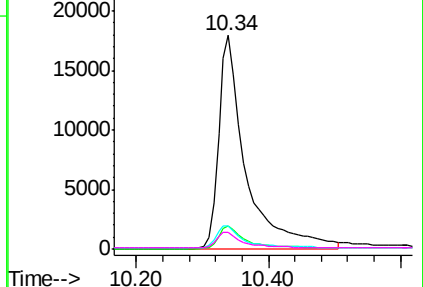


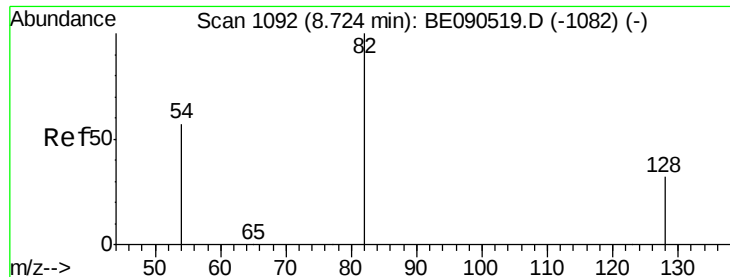
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.97 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

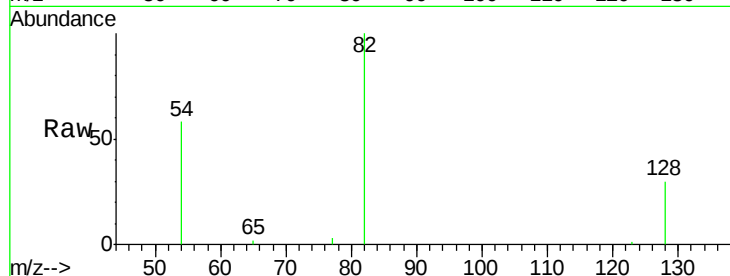
Tgt Ion: 82 Resp: 12101

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

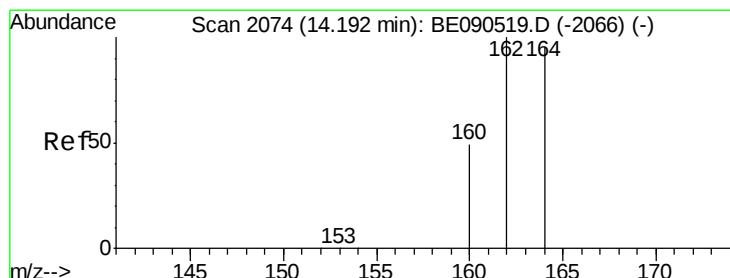
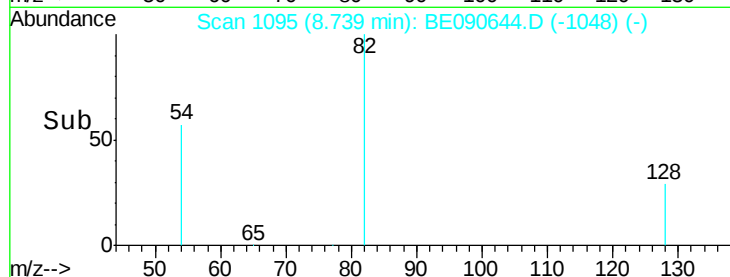
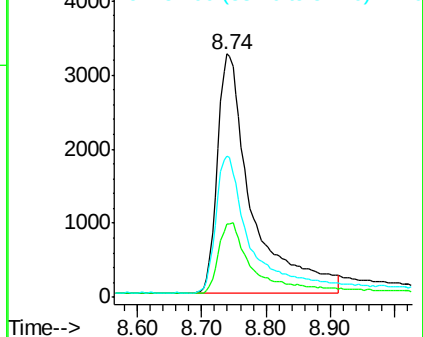
54 57.9 48.8 73.2



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: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

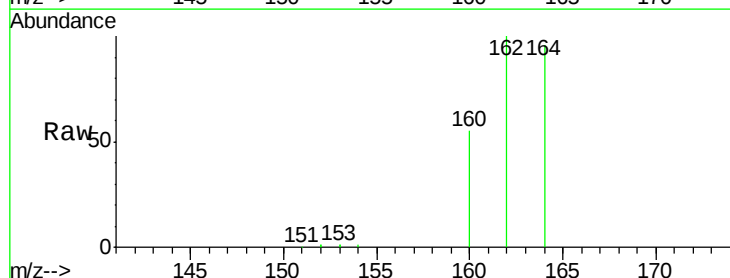
Tgt Ion: 164 Resp: 30564

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

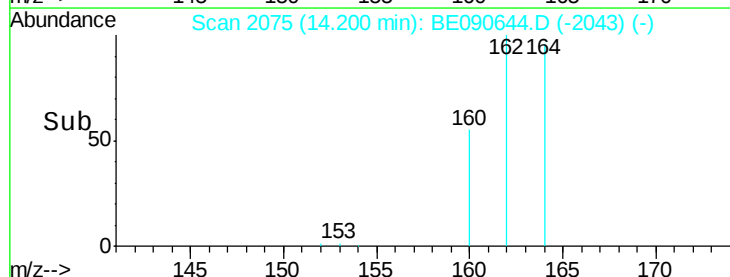
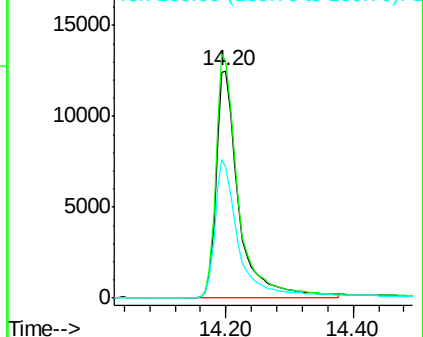
160 57.7 44.2 66.4

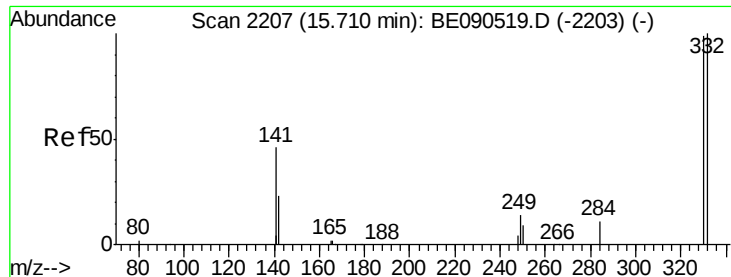


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

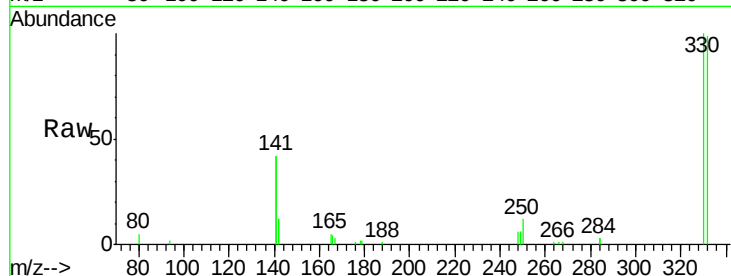




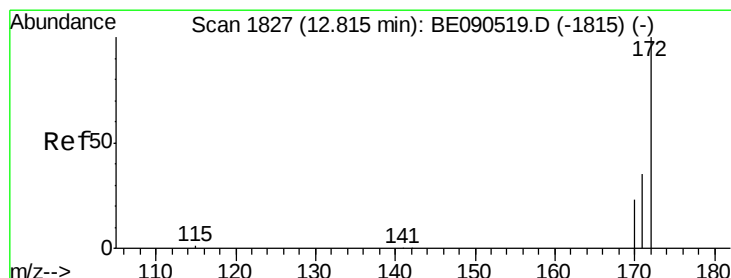
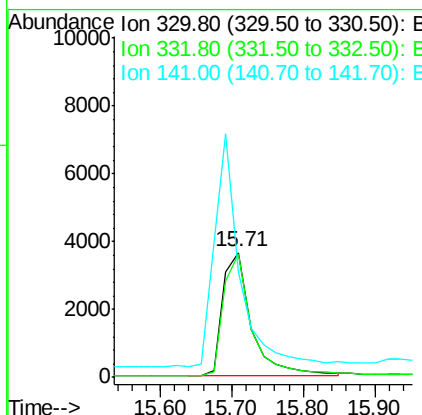
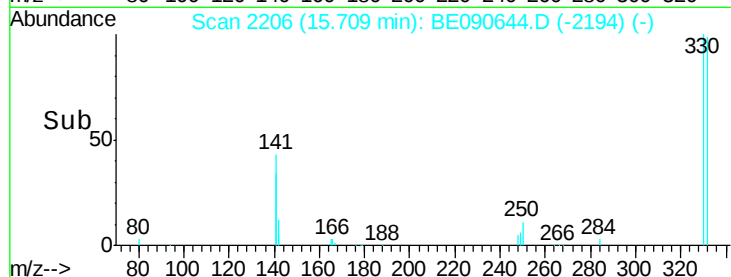
#13
 2,4,6-Tribromophenol
 Concen: 8.72 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090644.D
 Acq: 26 Aug 2015 20:58

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-S

Tgt Ion:330 Resp: 10259
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 169.9 114.4 171.6

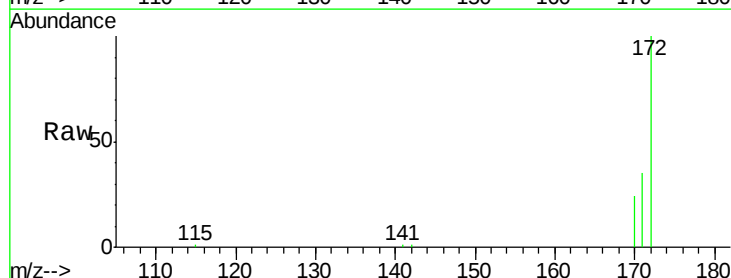


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

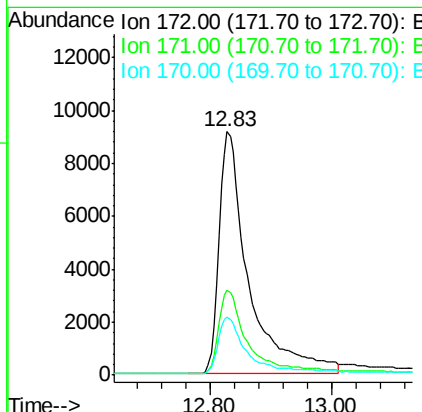
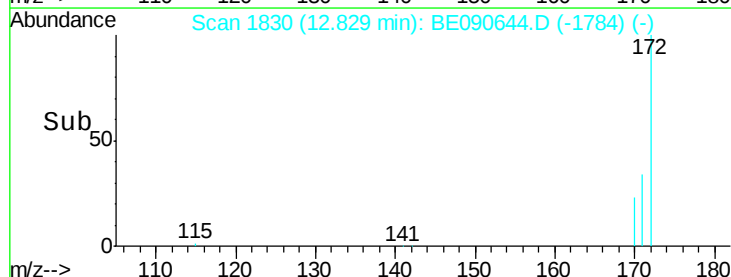


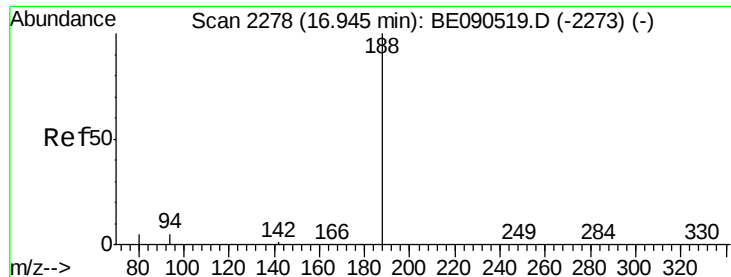
#14
 2-Fluorobiphenyl
 Concen: 3.42 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BE090644.D
 Acq: 26 Aug 2015 20:58

Tgt Ion:172 Resp: 31262
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.9 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: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

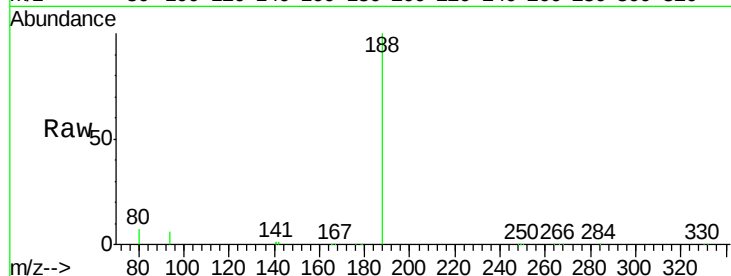
Tgt Ion:188 Resp: 83021

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

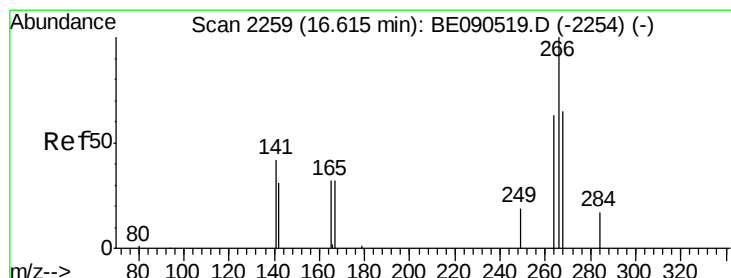
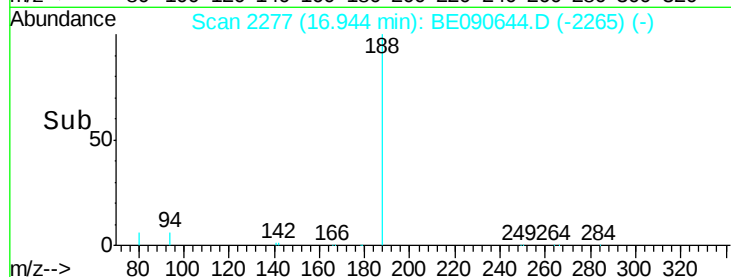
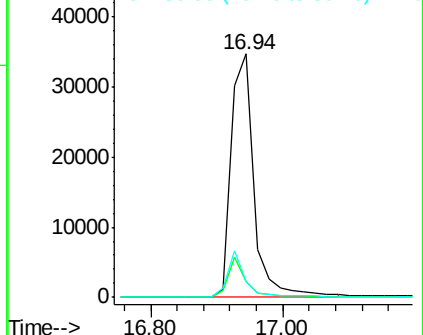
80 6.7 5.8 8.8



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: 0.31 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

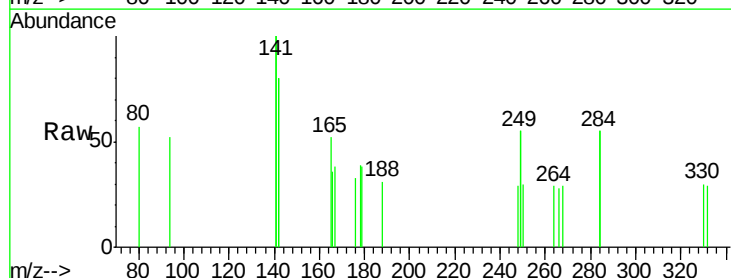
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

268 102.1 58.5 87.7#

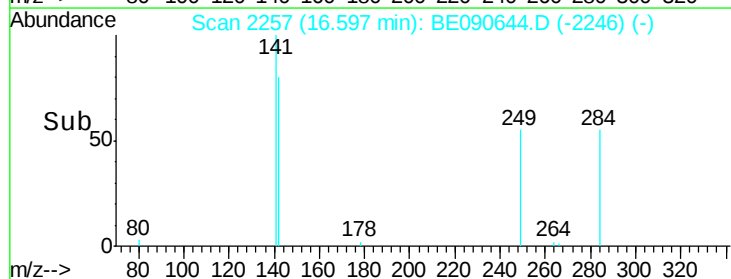
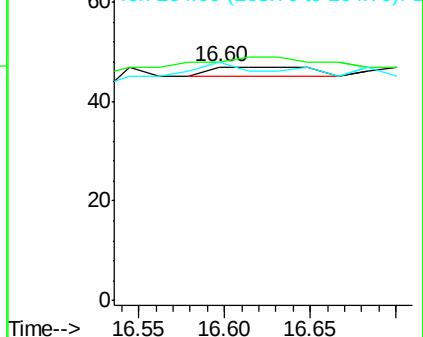
264 102.1 56.0 84.0#

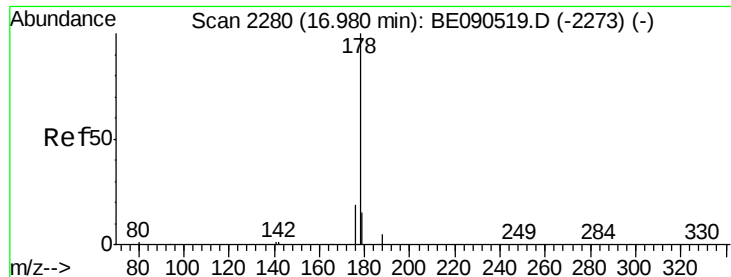


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.02 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

Instrument :

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ClientSampleId :

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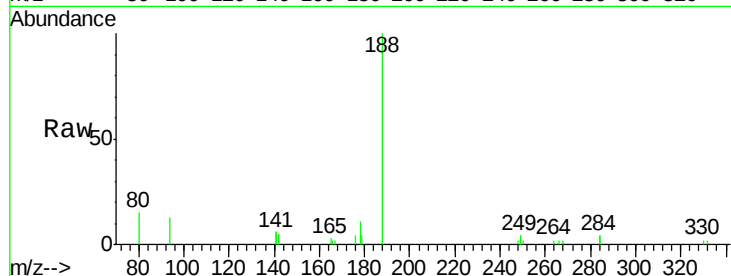
Tgt Ion:178 Resp: 460

Ion Ratio Lower Upper

178 100

176 21.5 15.4 23.2

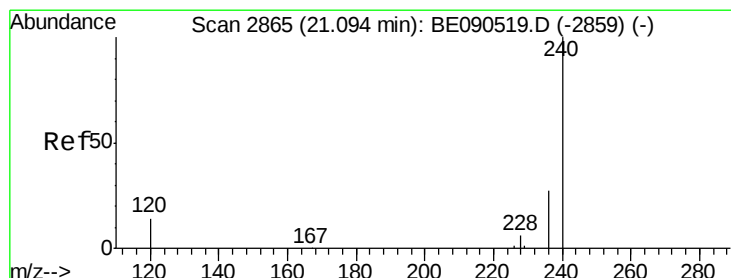
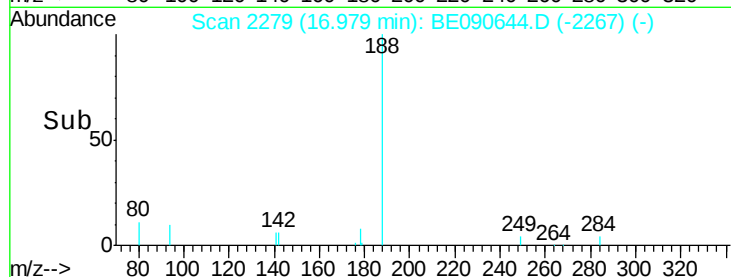
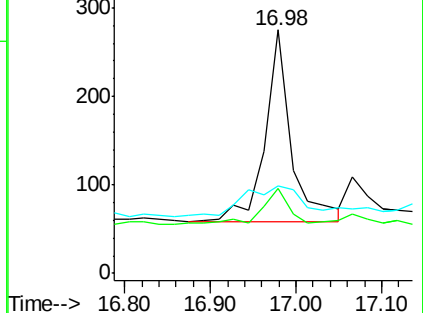
179 36.3 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

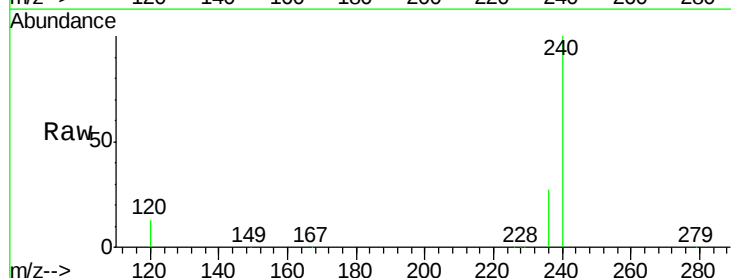
Tgt Ion:240 Resp: 94060

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

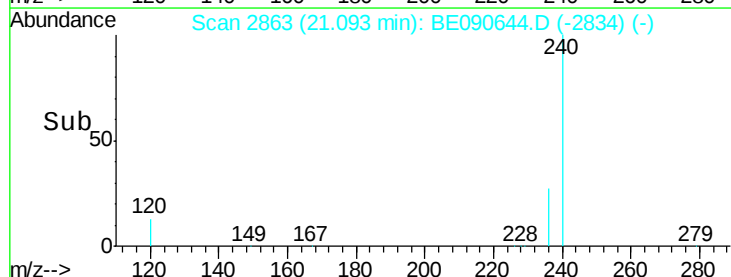
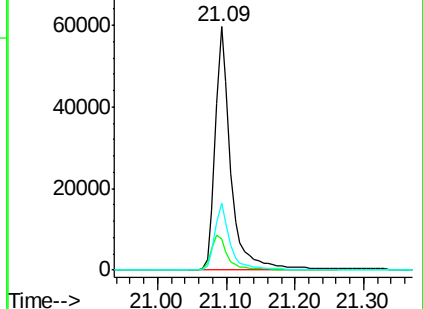
236 27.3 21.0 31.4

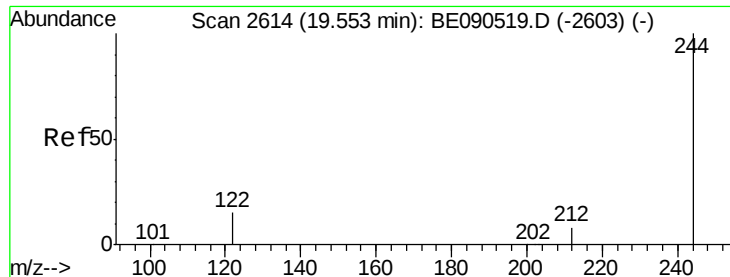


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 4.77 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BE090644.D

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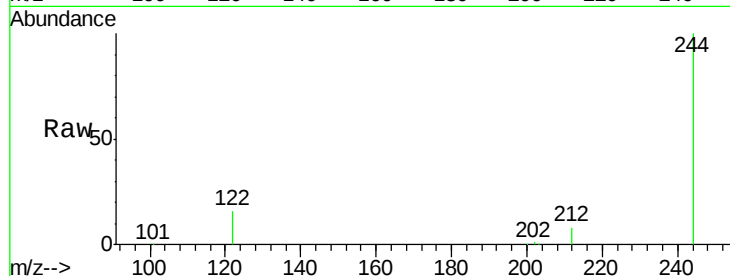
Tgt Ion:244 Resp: 81985

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

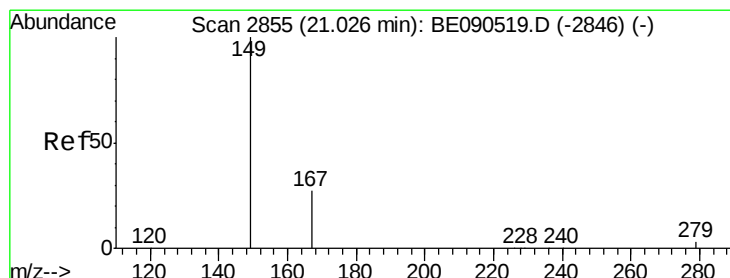
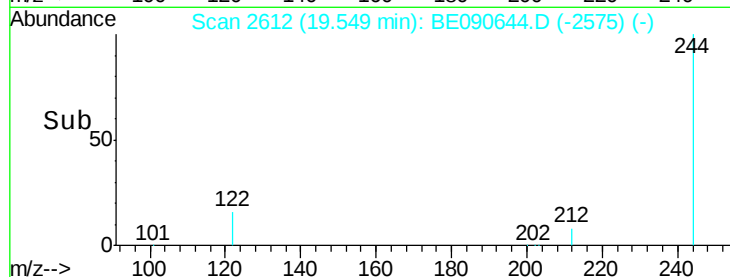
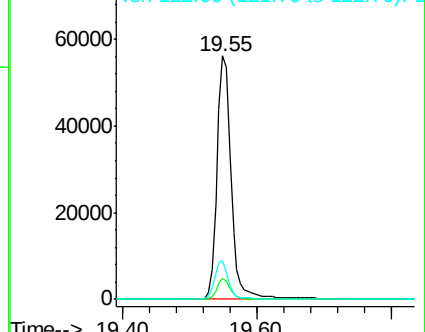
122 16.0 10.2 15.4#



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: 0.25 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

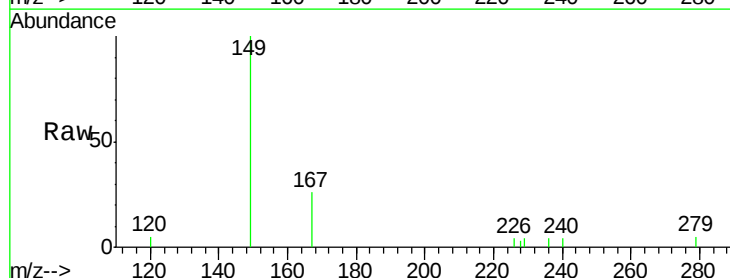
Tgt Ion:149 Resp: 1741

Ion Ratio Lower Upper

149 100

167 24.3 19.8 29.8

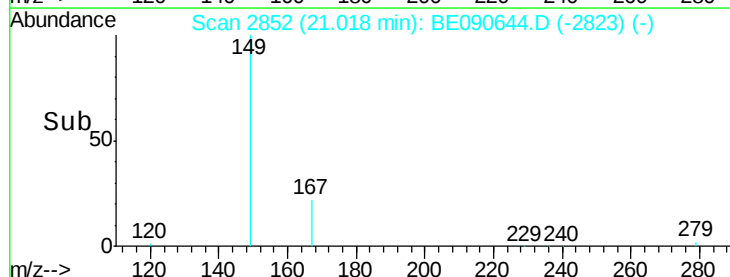
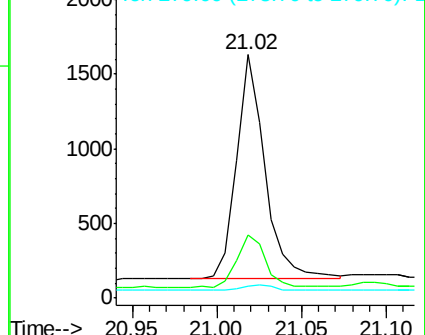
279 3.3 2.4 3.6

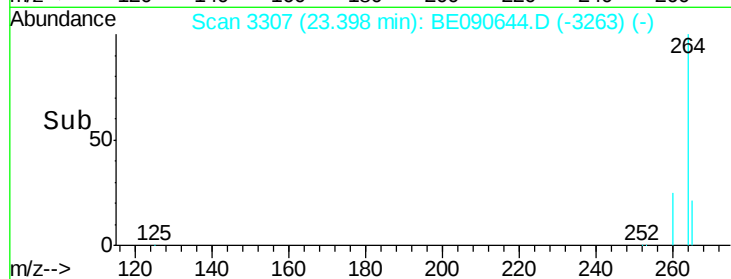
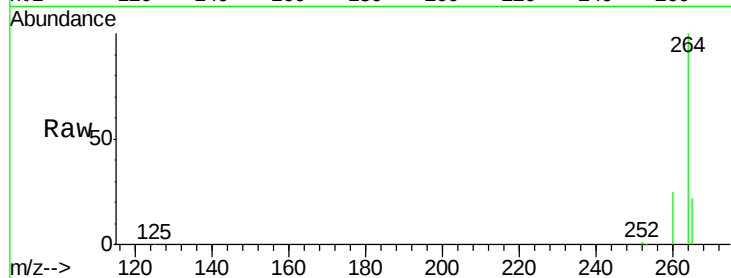
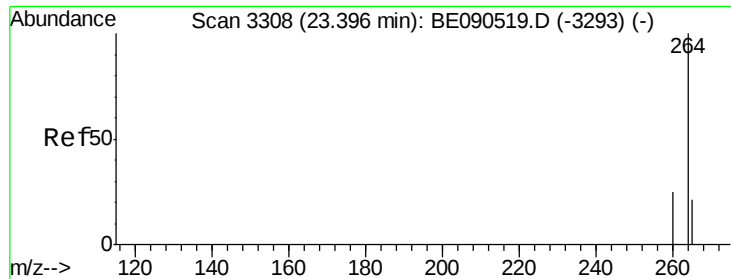


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090644.D

Acq: 26 Aug 2015 20:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-S

Tgt Ion:264 Resp: 80100

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.9 17.2 25.8

