

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
 Data File : BE092336.D
 Acq On : 1 Sep 2016 19:37
 Operator : UM/SJ
 Sample : H4642-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-160829

Quant Time: Sep 02 03:40:12 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 03:36:16 2016
 Response via : Initial Calibration

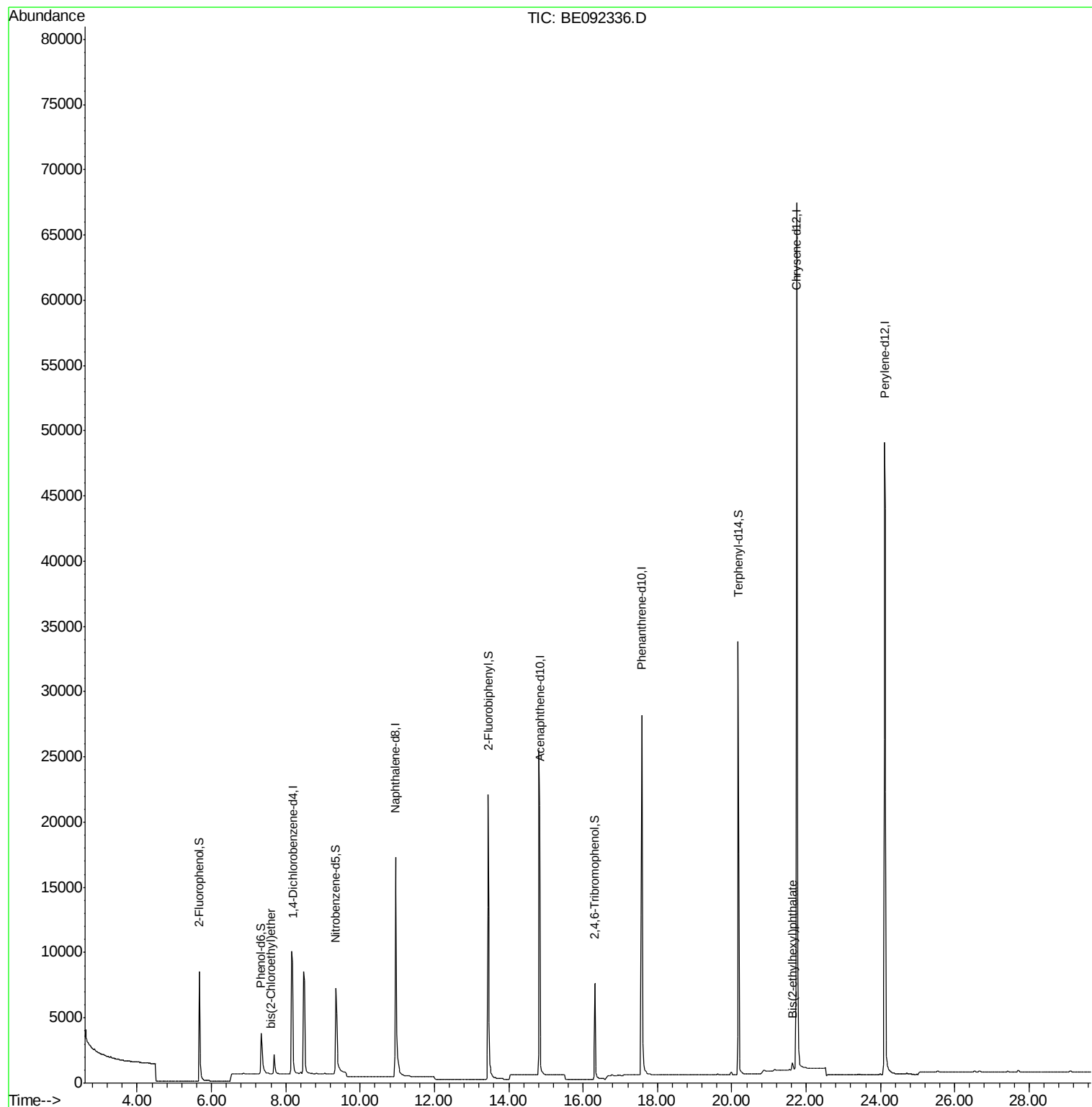
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	8035	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	35341	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	20852	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	49954	5.00	ng	0.00
24) Chrysene-d12	21.75	240	80577	5.00	ng	0.00
31) Perylene-d12	24.11	264	76401	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	7739	3.62	ng	0.00
5) Phenol-d6	7.34	99	5548	1.87	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10361	4.01	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	6325	7.75	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	26517	4.17	ng	0.00
26) Terphenyl-d14	20.17	244	46246	4.17	ng	-0.02
Target Compounds						
6) bis(2-Chloroethyl)ether	7.59	93	7	0.14	ng	# 96
20) Pentachlorophenol	17.28	266	4	Below Cal		# 72
29) Bis(2-ethylhexyl)phthalate	21.63	149	955	0.11	ng	# 100

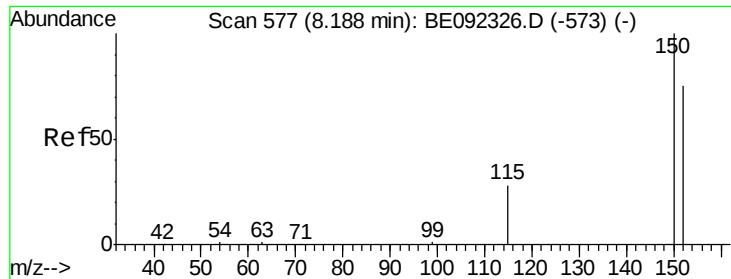
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

Instrument :

BNA_E

ClientSampleId :

KY038PS034-160829

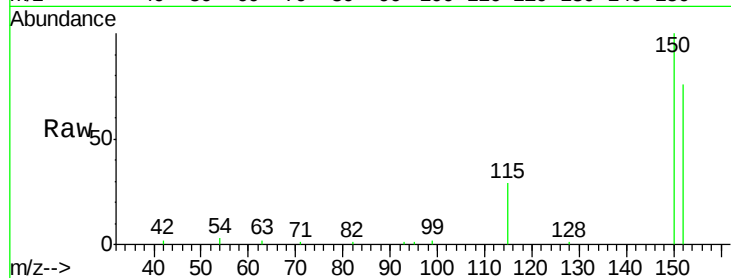
Tgt Ion:152 Resp: 8035

Ion Ratio Lower Upper

152 100

150 131.3 106.0 159.0

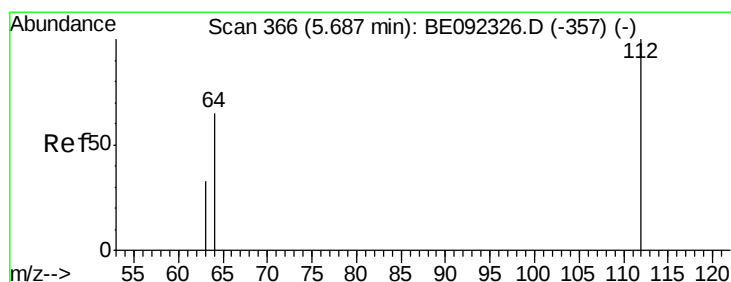
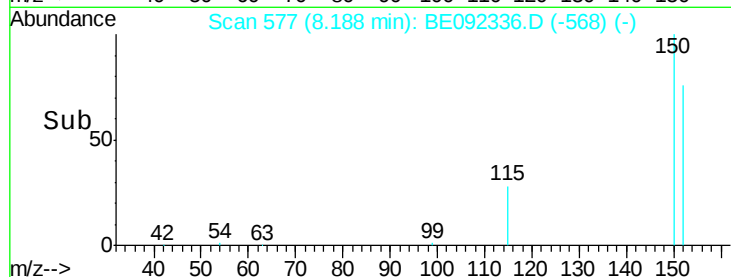
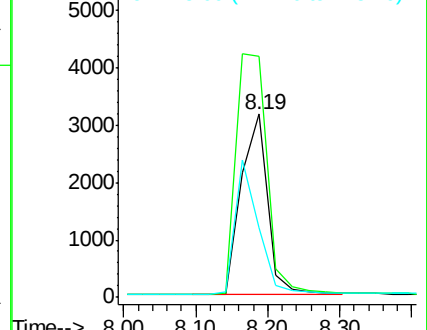
115 37.7 31.2 46.8



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: 3.62 ng

RT: 5.68 min Scan# 365

Delta R.T. -0.01 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

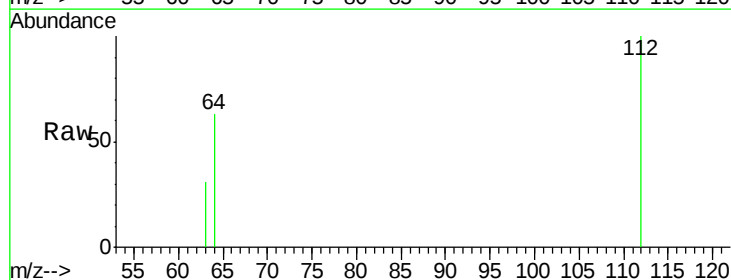
Tgt Ion:112 Resp: 7739

Ion Ratio Lower Upper

112 100

64 66.8 53.5 80.3

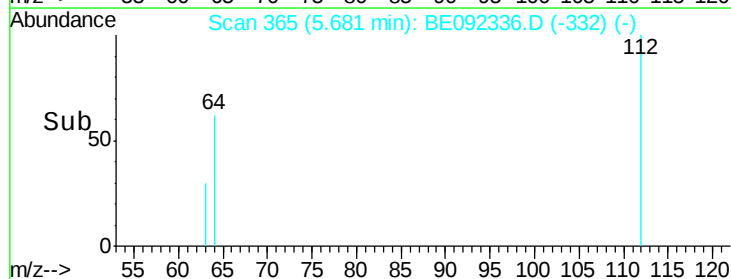
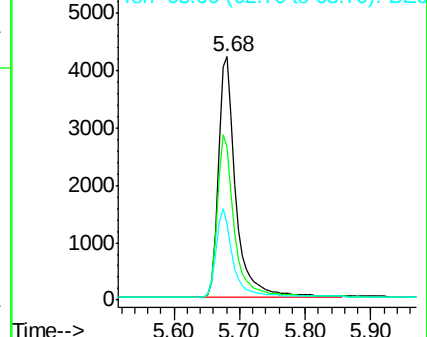
63 35.9 27.9 41.9

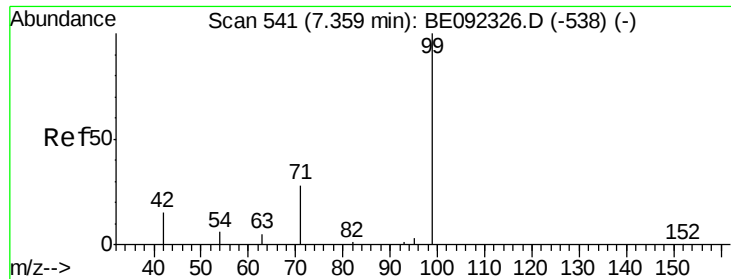


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.87 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

Instrument :

BNA_E

ClientSampleId :

KY038PS034-160829

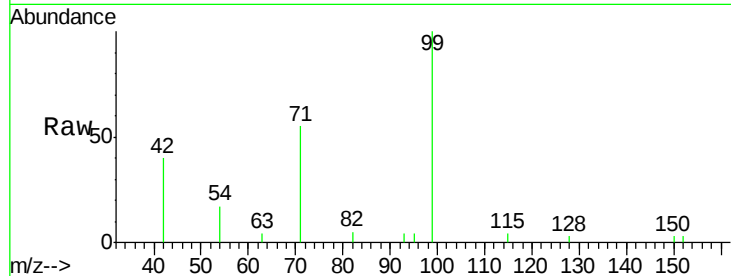
Tgt Ion: 99 Resp: 5548

Ion Ratio Lower Upper

99 100

42 24.3 0.0 0.0#

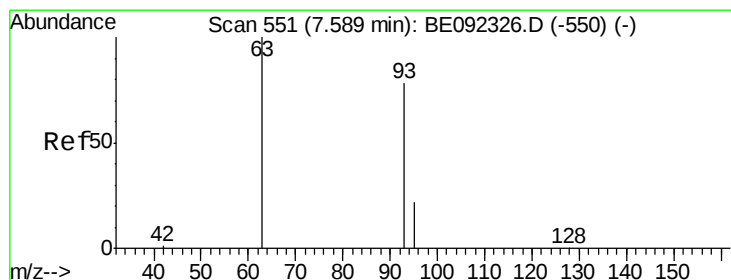
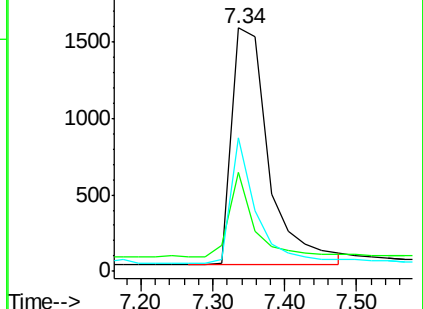
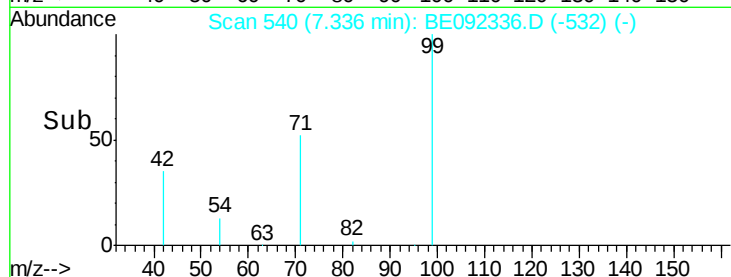
71 36.6 30.6 45.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.14 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

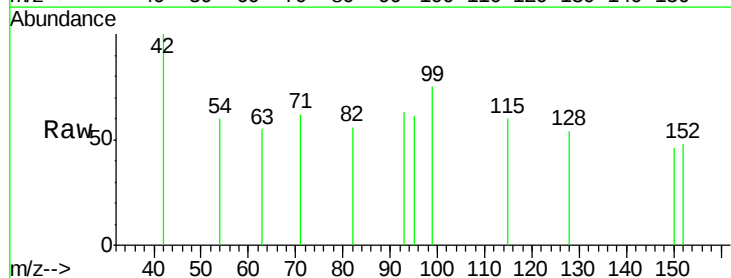
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

63 85.7 71.6 107.4

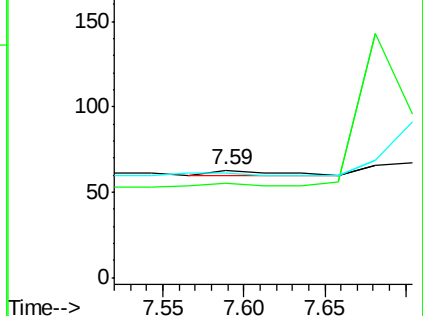
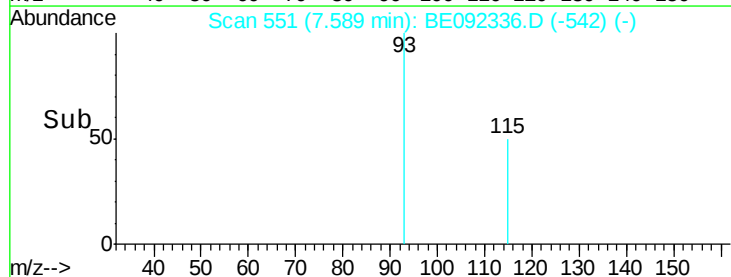
95 0.0 0.0 0.0

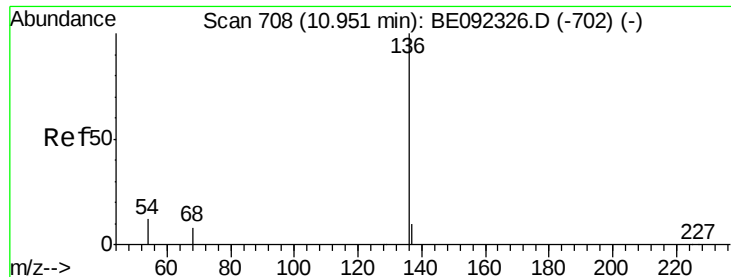


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

Instrument :

BNA_E

ClientSampleId :

KY038PS034-160829

Tgt Ion: 136 Resp: 35341

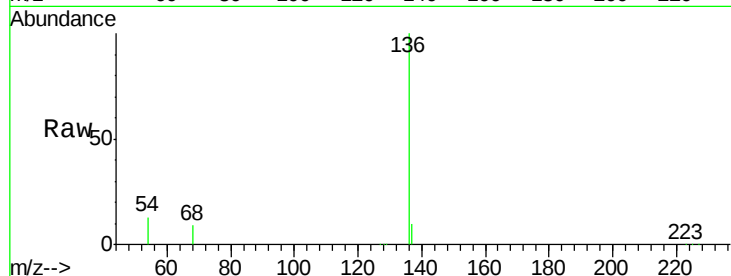
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 13.4 9.6 14.4

68 9.4 6.7 10.1

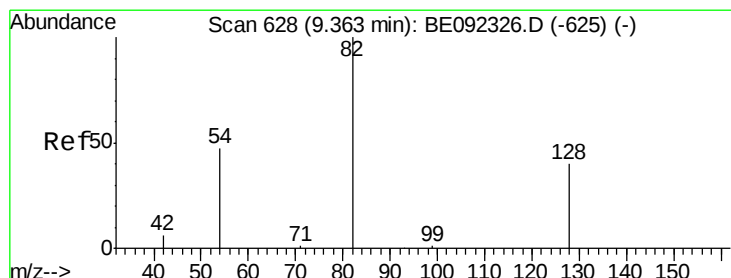
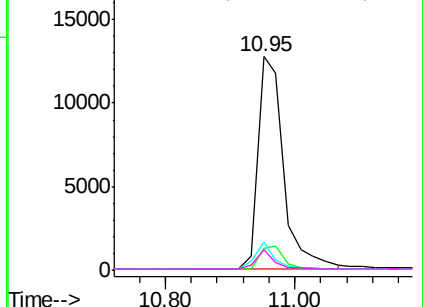
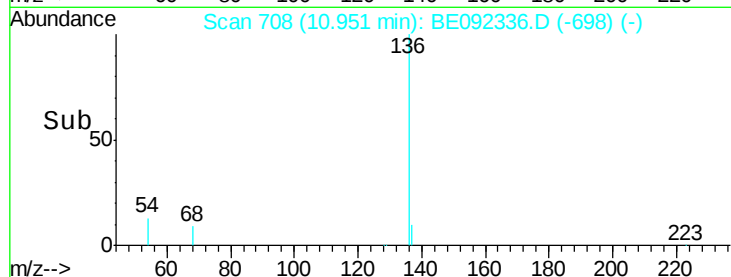


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.01 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

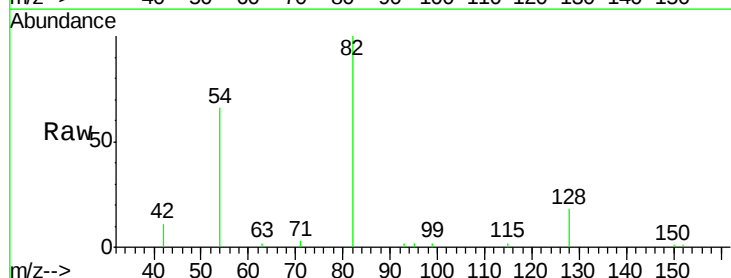
Tgt Ion: 82 Resp: 10361

Ion Ratio Lower Upper

82 100

128 17.8 39.0 58.4#

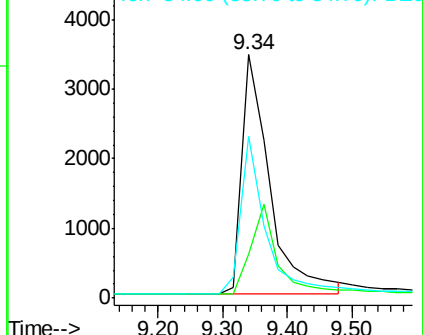
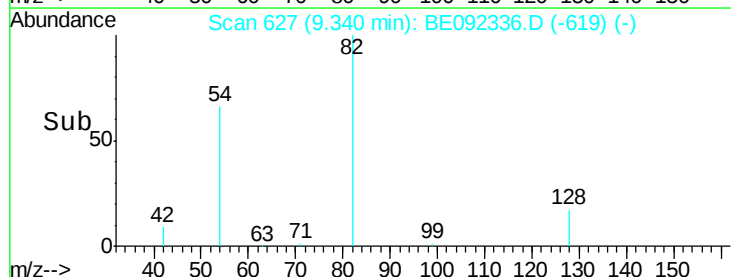
54 66.2 44.8 67.2

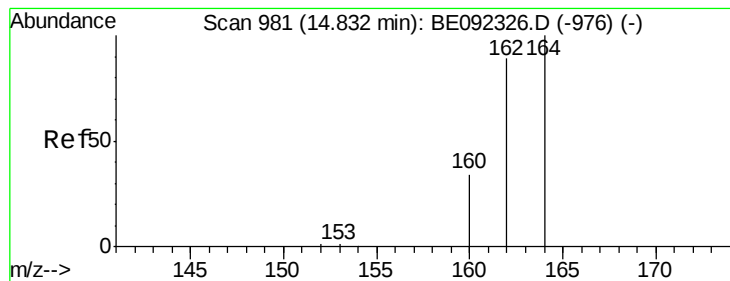


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092336.D

Acq: 1 Sep 2016 19:37

Instrument :

BNA_E

ClientSampleId :

KY038PS034-160829

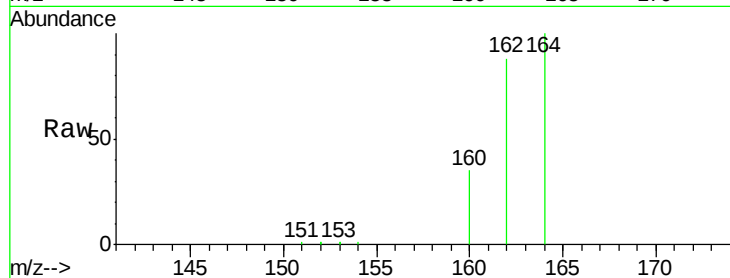
Tgt Ion:164 Resp: 20852

Ion Ratio Lower Upper

164 100

162 88.5 71.4 107.0

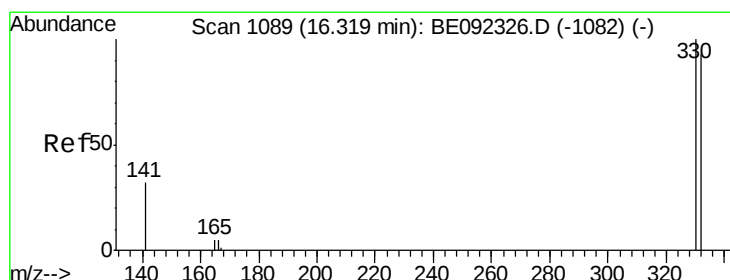
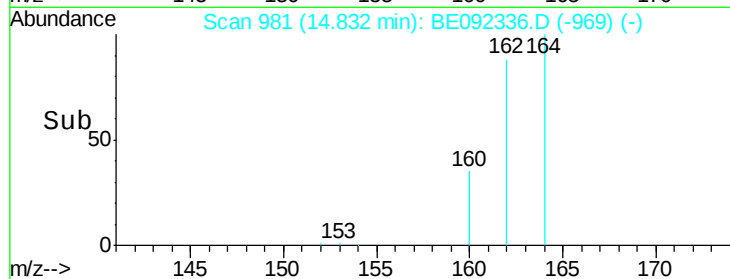
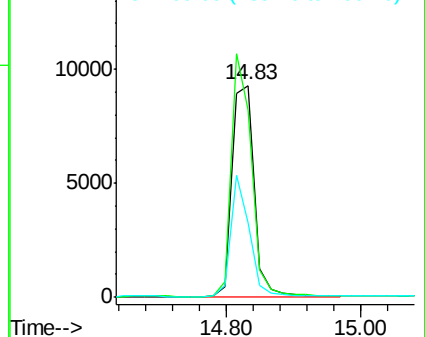
160 34.9 27.4 41.2



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: 7.75 ng

RT: 16.32 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

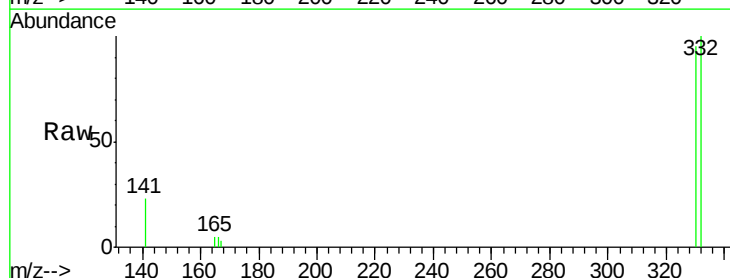
Tgt Ion:330 Resp: 6325

Ion Ratio Lower Upper

330 100

332 97.3 75.4 113.0

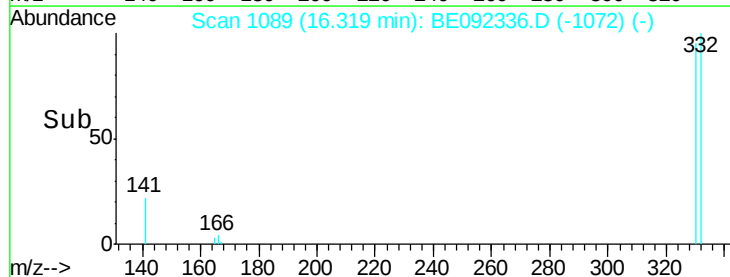
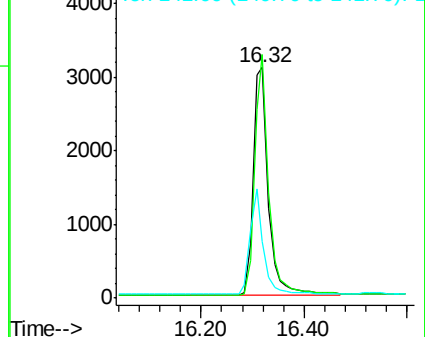
141 41.2 31.0 46.6

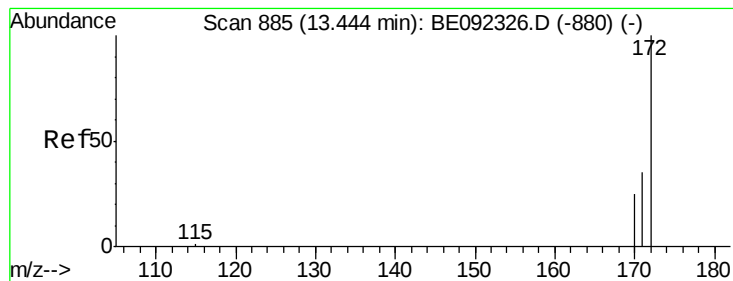


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 4.17 ng

RT: 13.44 min Scan# 885

Delta R.T. 0.00 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

Instrument :

BNA_E

ClientSampleId :

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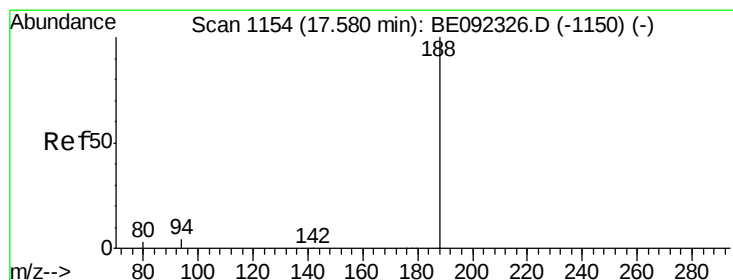
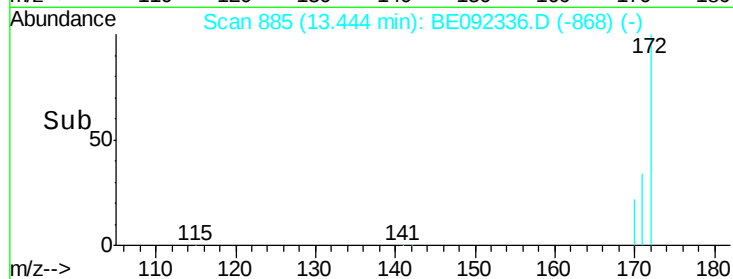
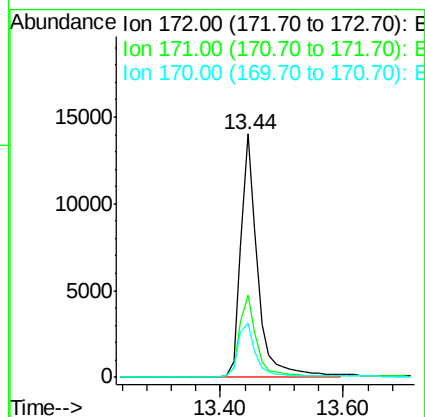
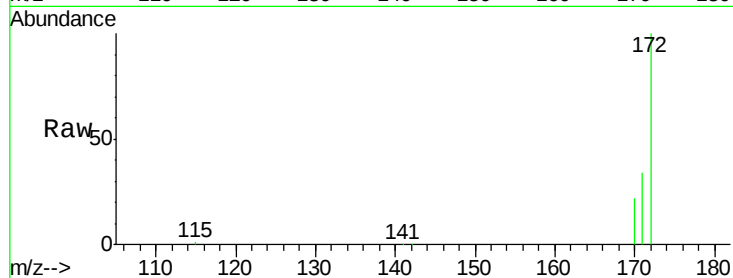
Tgt Ion:172 Resp: 26517

Ion Ratio Lower Upper

172 100

171 33.8 30.1 45.1

170 22.4 21.8 32.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

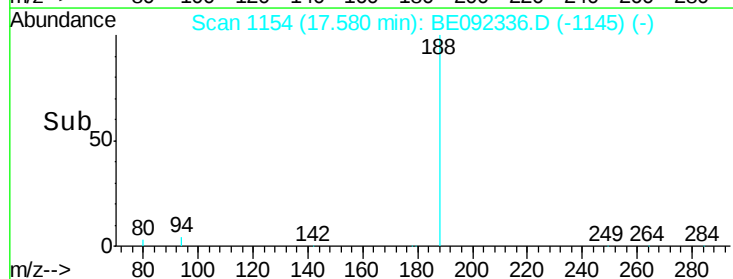
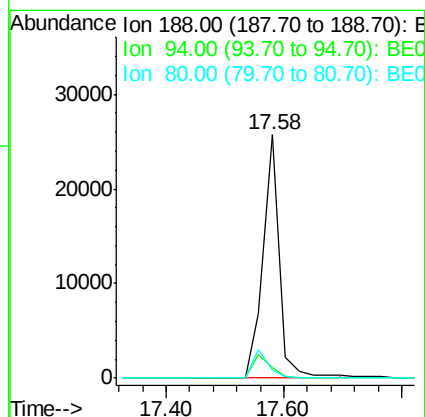
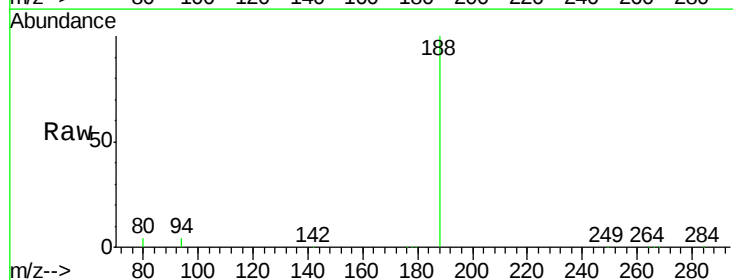
Tgt Ion:188 Resp: 49954

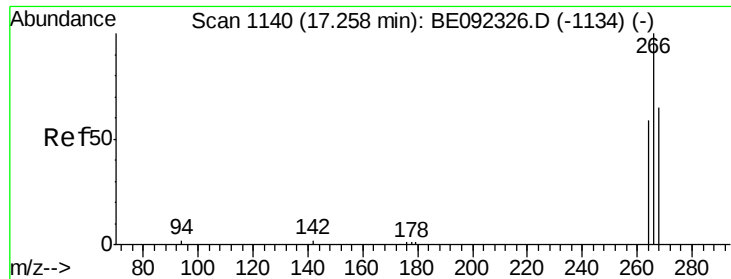
Ion Ratio Lower Upper

188 100

94 4.1 3.2 4.8

80 3.5 2.6 3.8

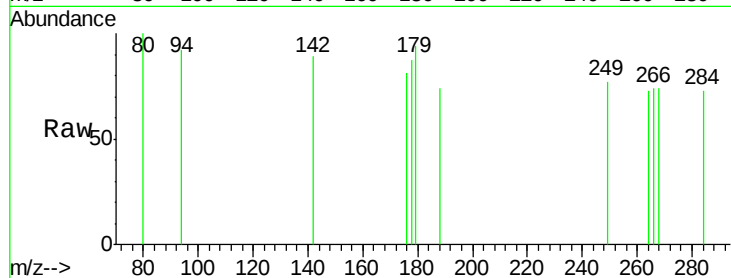




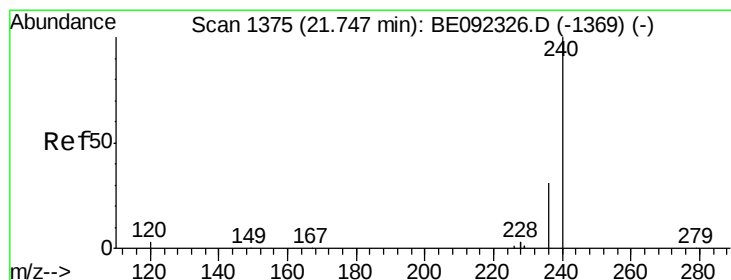
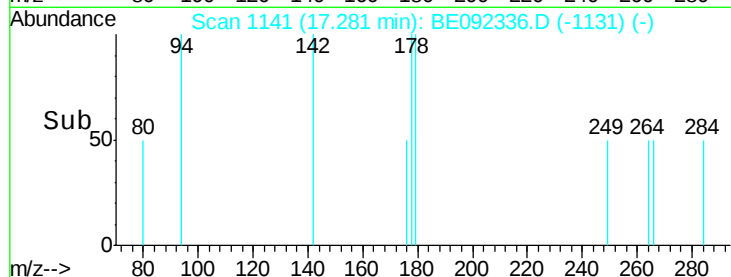
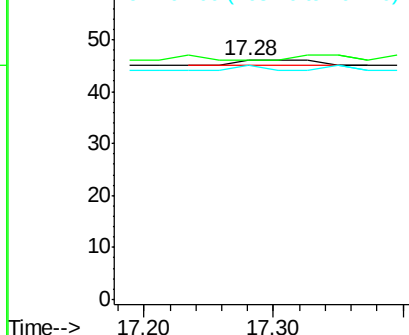
#20
 Pentachlorophenol
 Concen: Below Cal
 RT: 17.28 min Scan# 1141
 Delta R.T. 0.02 min
 Lab File: BE092336.D
 Acq: 1 Sep 2016 19:37

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Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 268 100.0 62.5 93.7#
 264 97.8 57.2 85.8#

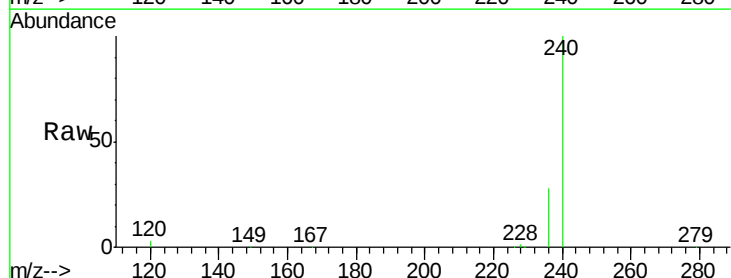


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

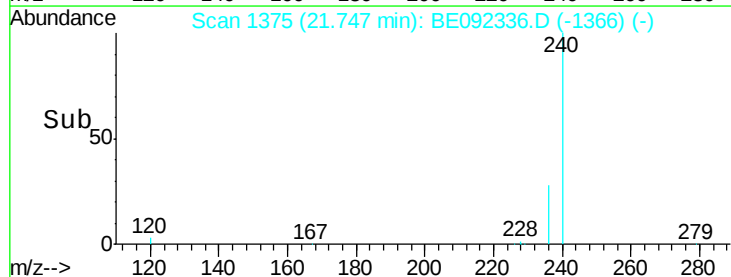
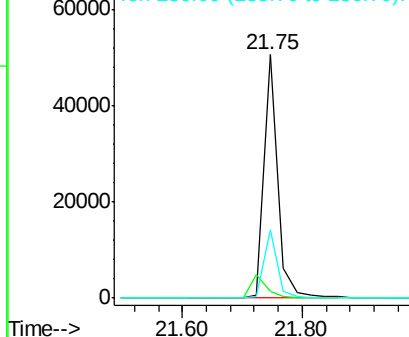


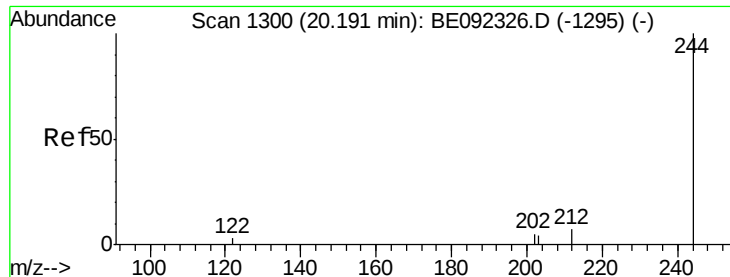
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BE092336.D
 Acq: 1 Sep 2016 19:37

Tgt Ion: 240 Resp: 80577
 Ion Ratio Lower Upper
 240 100
 120 2.6 2.6 4.0
 236 27.8 24.6 37.0



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: 4.17 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

Instrument :

BNA_E

ClientSampleId :

KY038PS034-160829

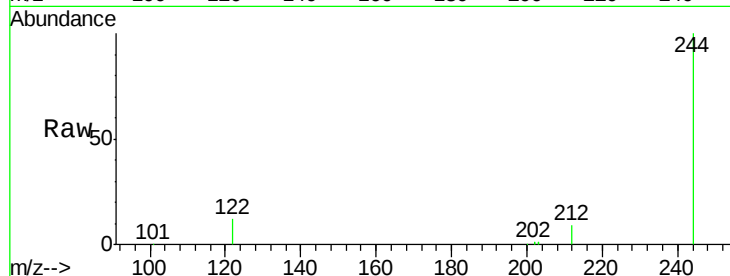
Tgt Ion:244 Resp: 46246

Ion Ratio Lower Upper

244 100

212 9.4 6.7 10.1

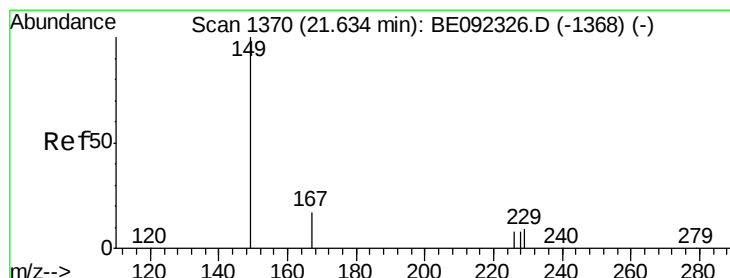
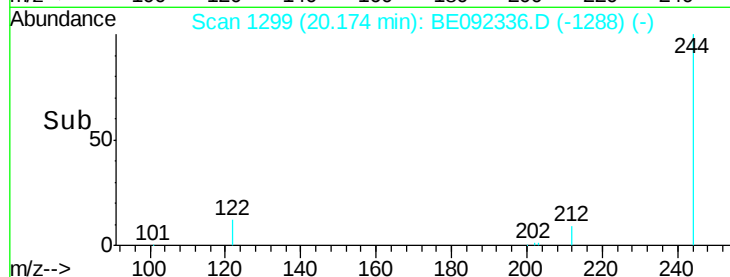
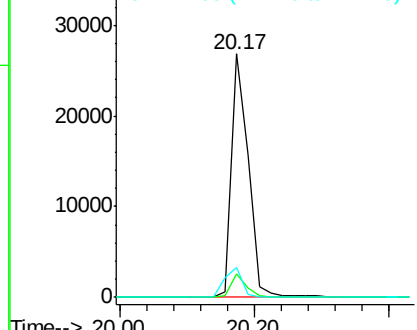
122 12.4 3.6 5.4#



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



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.63 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

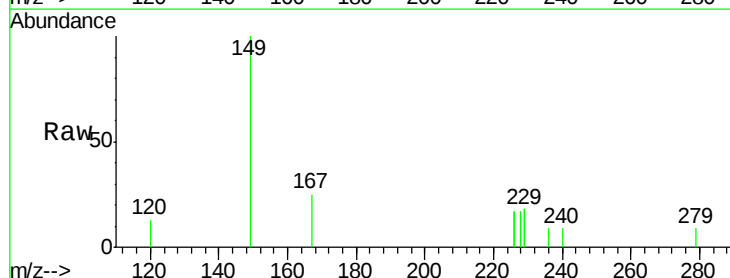
Tgt Ion:149 Resp: 955

Ion Ratio Lower Upper

149 100

167 25.3 0.0 0.0#

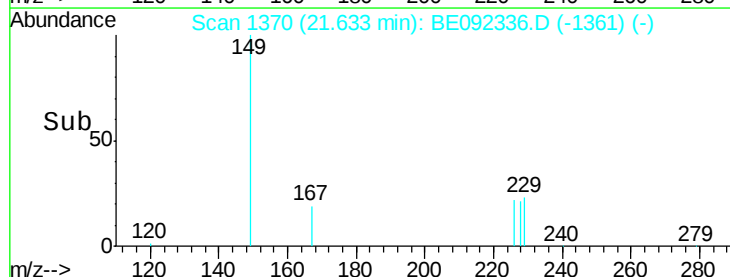
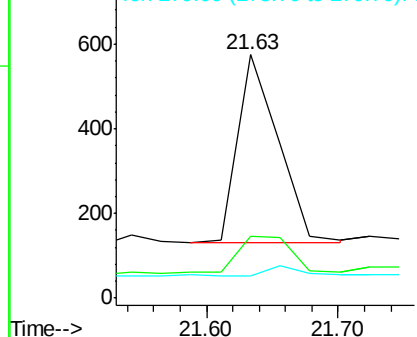
279 0.0 0.0 0.0

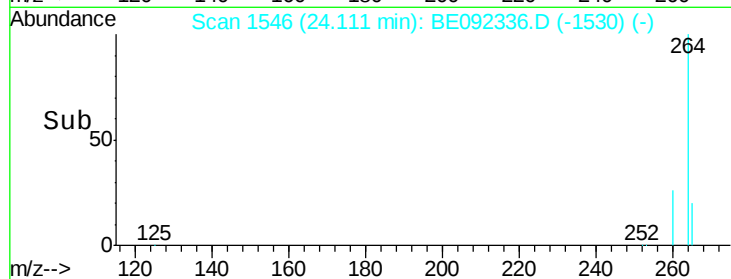
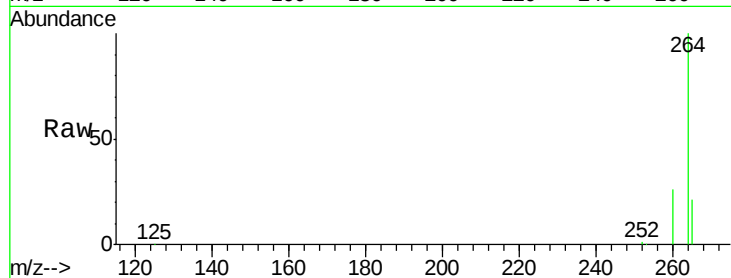
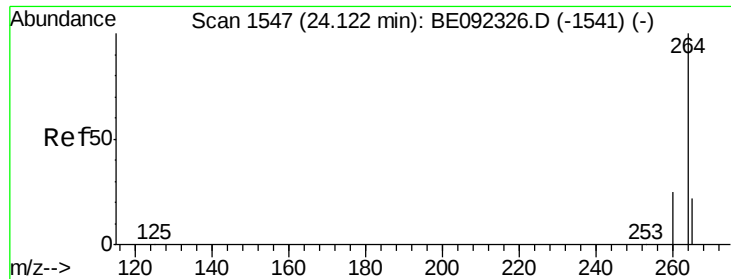


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.11 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BE092336.D

Acq: 1 Sep 2016 19:37

Instrument :

BNA_E

ClientSampleId :

KY038PS034-160829

Tgt Ion: 264 Resp: 76401

Ion Ratio Lower Upper

264 100

260 26.4 20.1 30.1

265 21.0 17.9 26.9

