

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
 Data File : BE092334.D
 Acq On : 1 Sep 2016 18:22
 Operator : UM/SJ
 Sample : H4642-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160829

Quant Time: Sep 02 11:00:53 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 10:54:21 2016
 Response via : Initial Calibration

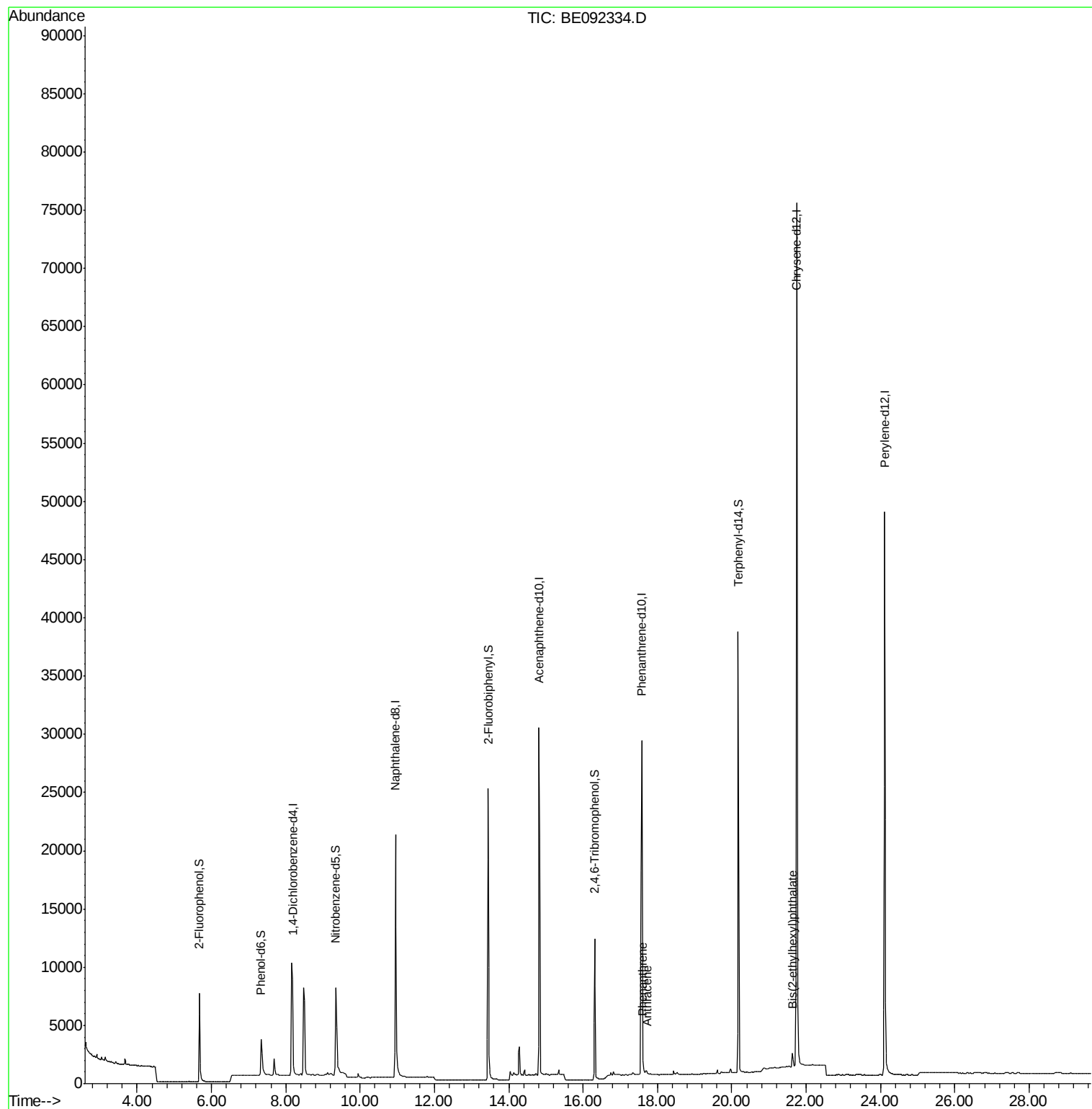
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	7921	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	36438	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	22292	5.00	ng	-0.02
18) Phenanthrene-d10	17.58	188	53543	5.00	ng	0.00
24) Chrysene-d12	21.75	240	86192	5.00	ng	0.00
31) Perylene-d12	24.11	264	75832	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	6687	3.17	ng	-0.01
5) Phenol-d6	7.34	99	5004	1.72	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10197	3.83	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	8035	9.21	ng	-0.01
14) 2-Fluorobiphenyl	13.44	172	27491	4.04	ng	0.00
26) Terphenyl-d14	20.17	244	50390	4.24	ng	-0.02
Target Compounds						
21) Phenanthrene	17.60	178	328	0.03	ng	# 74
22) Anthracene	17.72	178	597	0.05	ng	# 72
29) Bis(2-ethylhexyl)phthalate	21.63	149	1976	0.21	ng	# 100

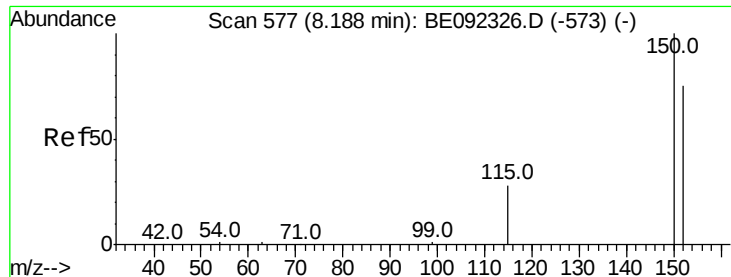
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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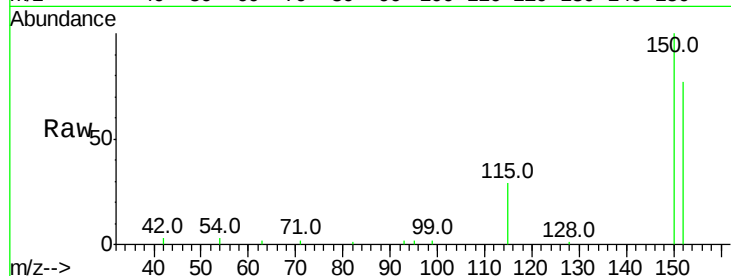


#1

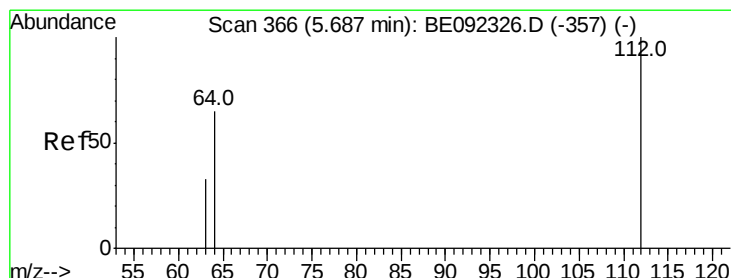
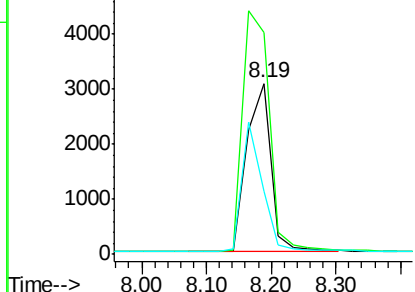
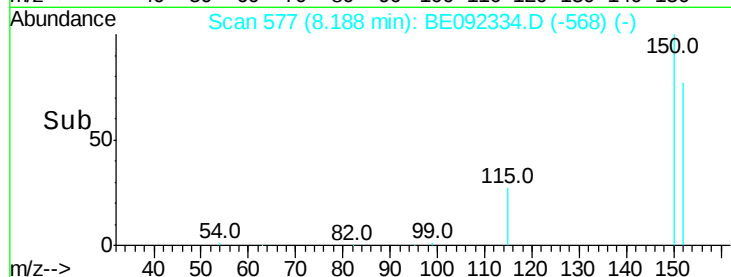
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092334.D
Acq: 1 Sep 2016 18:22

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160829

Tot Ion:152 Resp: 7921
Ion Ratio Lower Upper
152 100
150 129.7 106.0 159.0
115 37.0 31.2 46.8



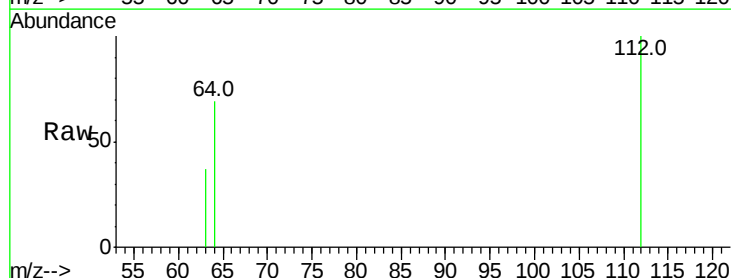
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



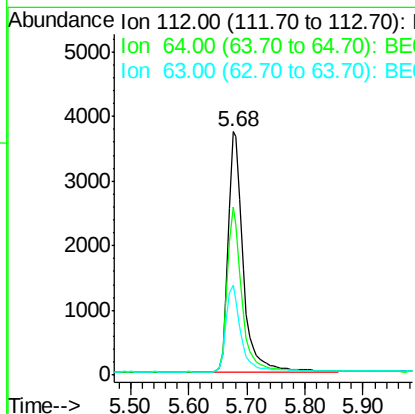
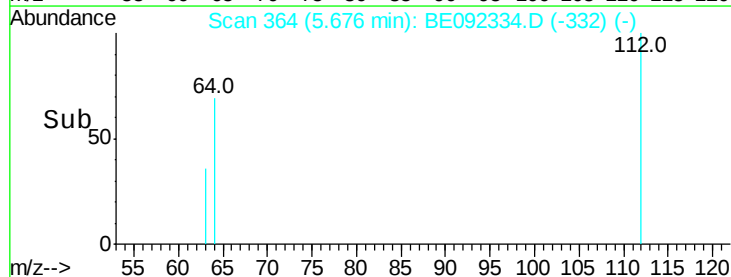
#4

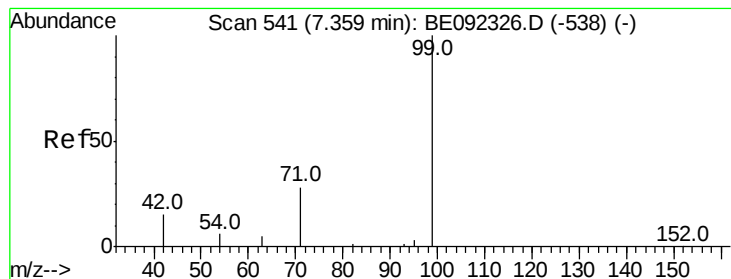
2-Fluorophenol
Concen: 3.17 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092334.D
Acq: 1 Sep 2016 18:22

Tgt Ion:112 Resp: 6687
Ion Ratio Lower Upper
112 100
64 67.1 53.5 80.3
63 35.3 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: 1.72 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092334.D

Acq: 1 Sep 2016 18:22

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160829

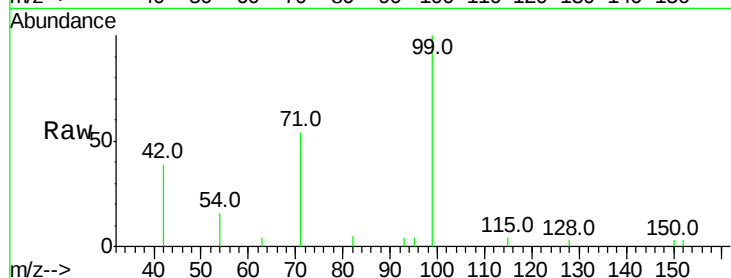
Tot Ion: 99 Resp: 5004

Ion Ratio Lower Upper

99 100

42 23.7 0.0 0.0#

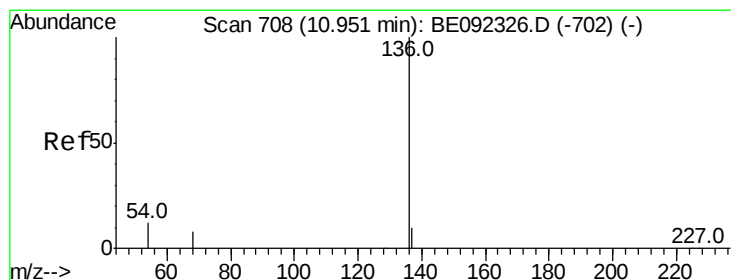
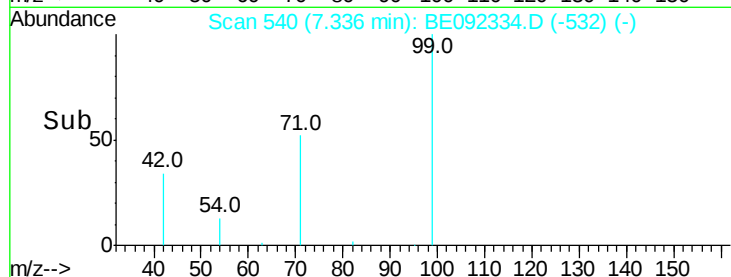
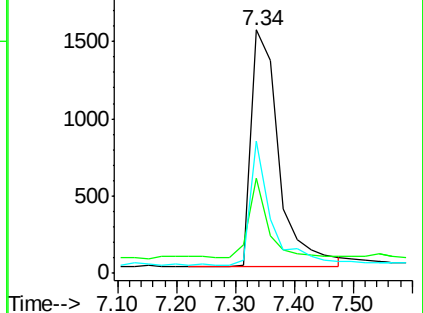
71 40.0 30.6 45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092334.D

Acq: 1 Sep 2016 18:22

Tgt Ion: 136 Resp: 36438

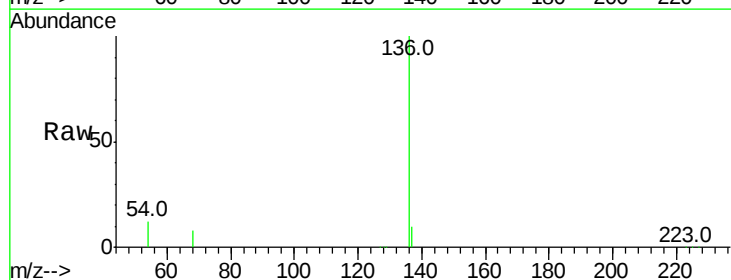
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 11.7 9.6 14.4

68 8.2 6.7 10.1

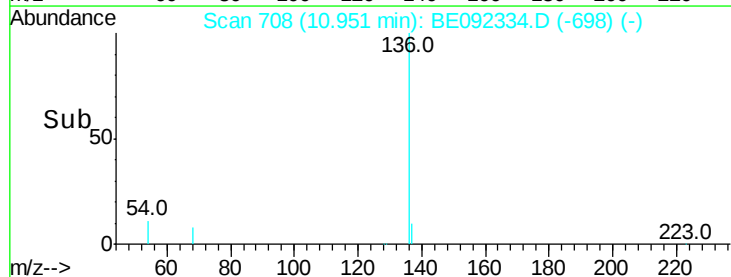
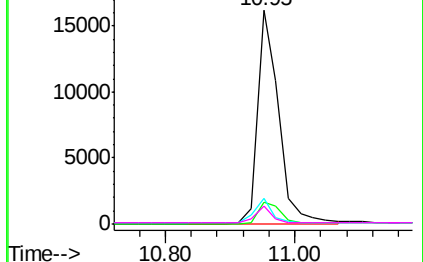


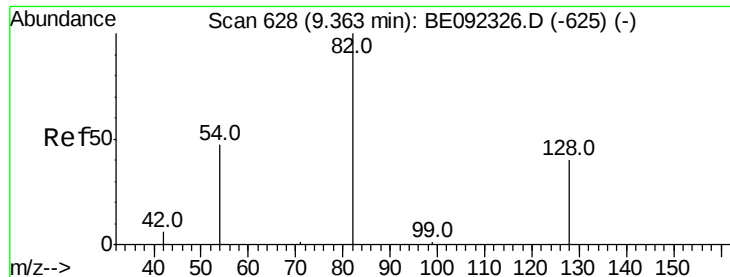
Abundance Ion 136.00 (135.70 to 136.70): E

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

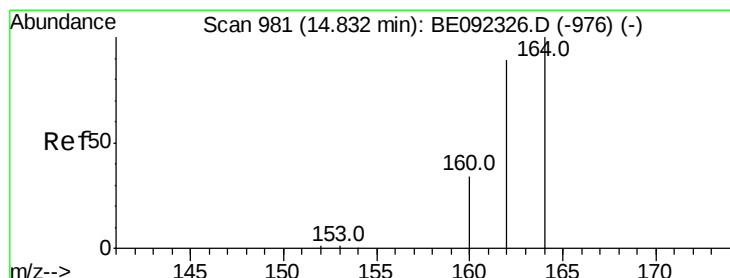
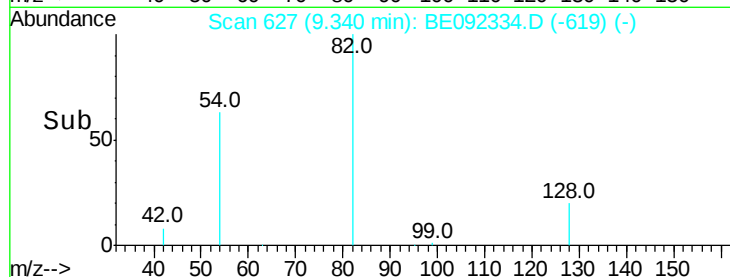
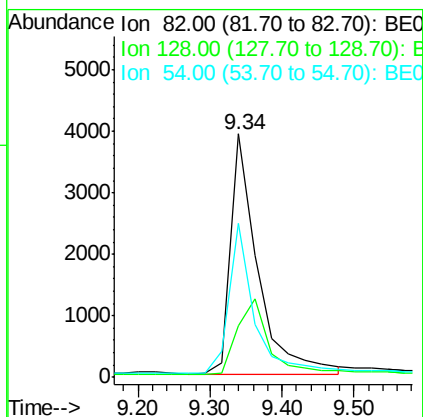
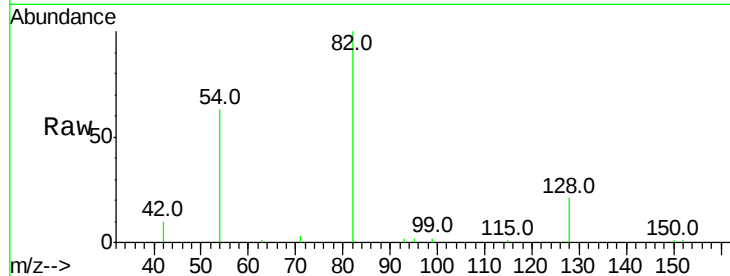




#8
 Nitrobenzene-d5
 Concen: 3.83 ng
 RT: 9.34 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BE092334.D
 Acq: 1 Sep 2016 18:22

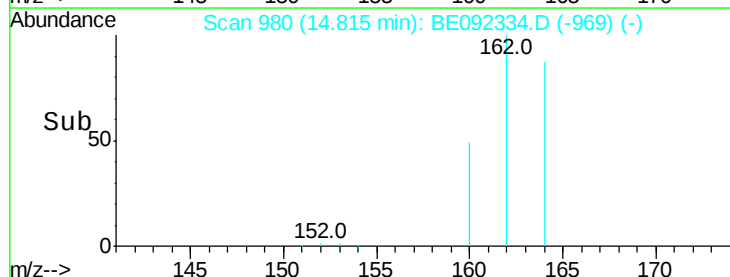
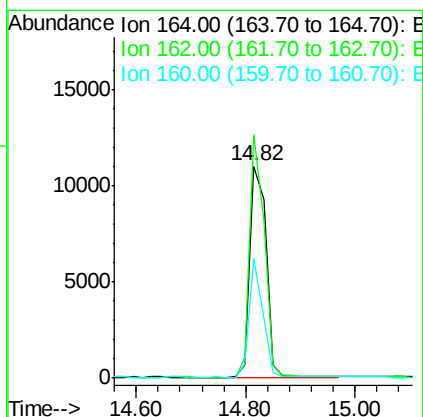
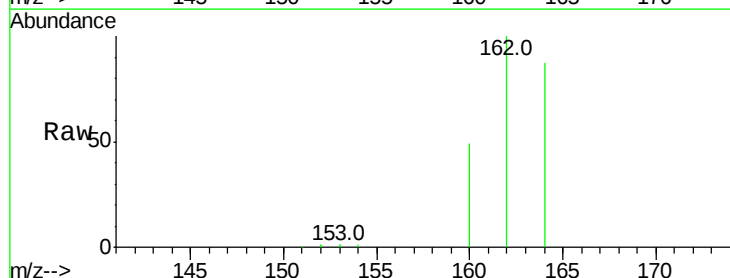
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160829

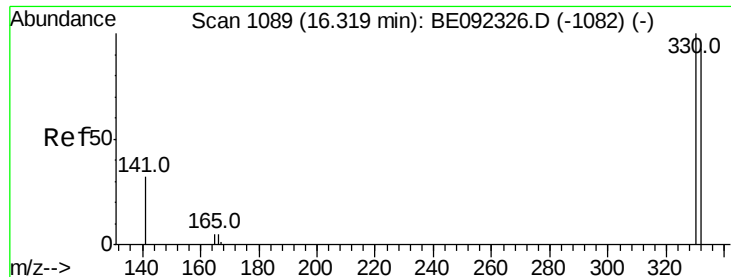
Tot Ion: 82 Resp: 10197
 Ion Ratio Lower Upper
 82 100
 128 21.1 39.0 58.4#
 54 63.3 44.8 67.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.82 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BE092334.D
 Acq: 1 Sep 2016 18:22

Tgt Ion: 164 Resp: 22292
 Ion Ratio Lower Upper
 164 100
 162 114.8 71.4 107.0#
 160 56.4 27.4 41.2#

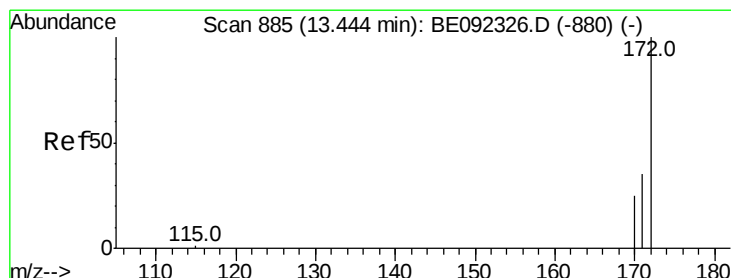
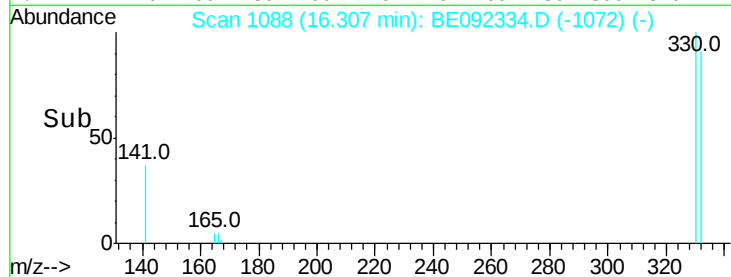
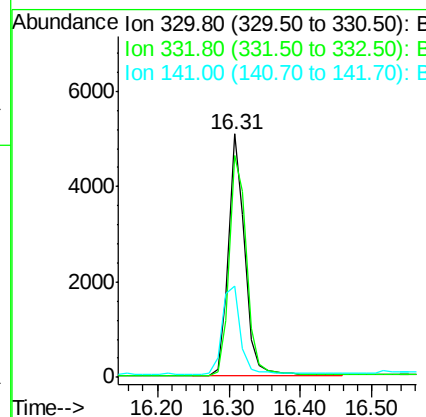
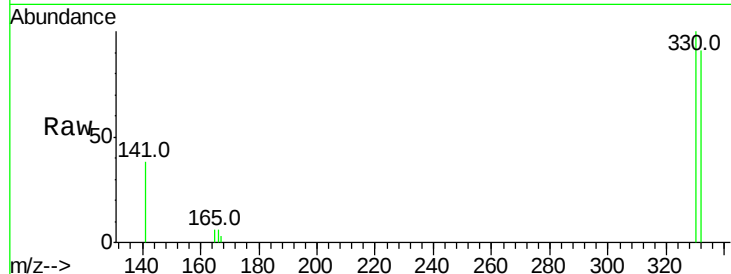




#13
 2,4,6-Tribromophenol
 Concen: 9.21 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092334.D
 Acq: 1 Sep 2016 18:22

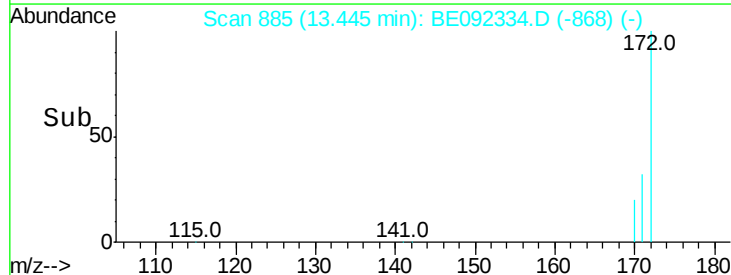
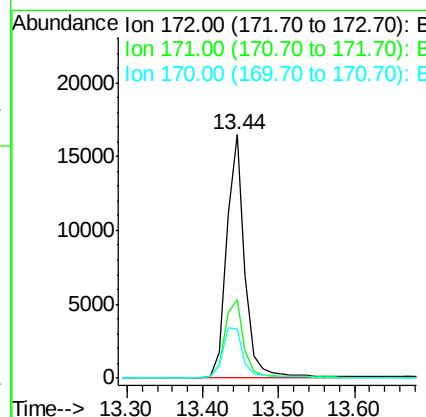
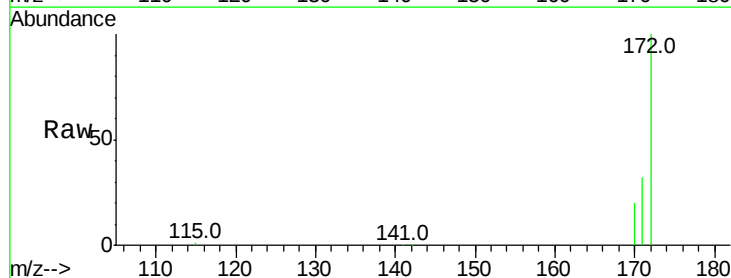
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160829

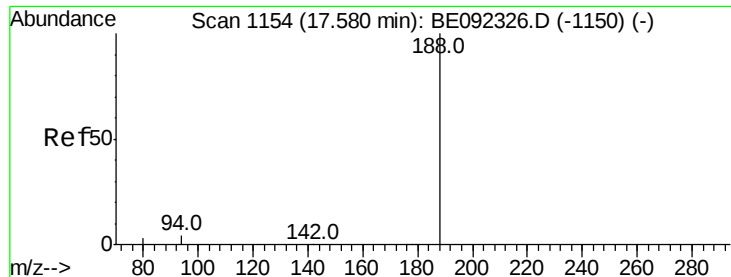
Tot Ion:330 Resp: 8035
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 41.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.04 ng
 RT: 13.44 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092334.D
 Acq: 1 Sep 2016 18:22

Tgt Ion:172 Resp: 27491
 Ion Ratio Lower Upper
 172 100
 171 32.2 30.1 45.1
 170 20.1 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: BE092334.D

Acq: 1 Sep 2016 18:22

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160829

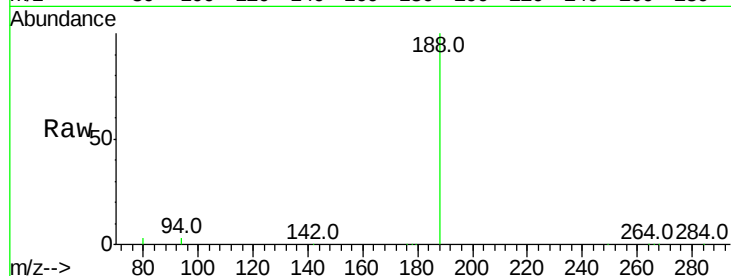
Tot Ion:188 Resp: 53543

Ion Ratio Lower Upper

188 100

94 3.2 3.2 4.8

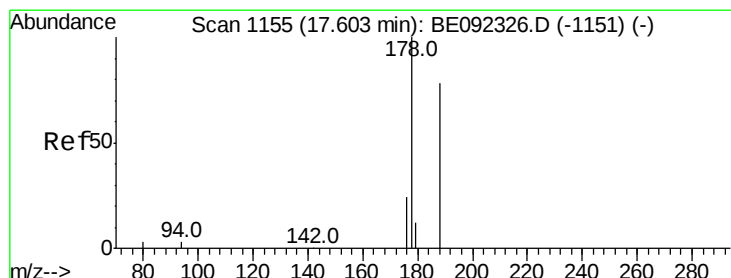
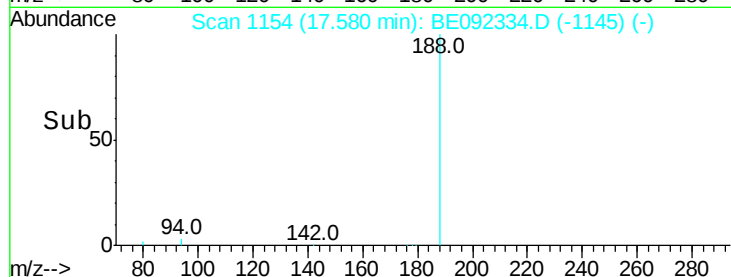
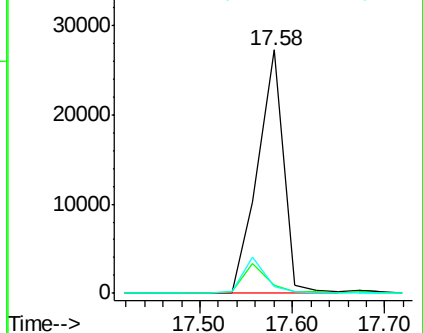
80 2.6 2.6 3.8



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

Phenanthrene

Concen: 0.03 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092334.D

Acq: 1 Sep 2016 18:22

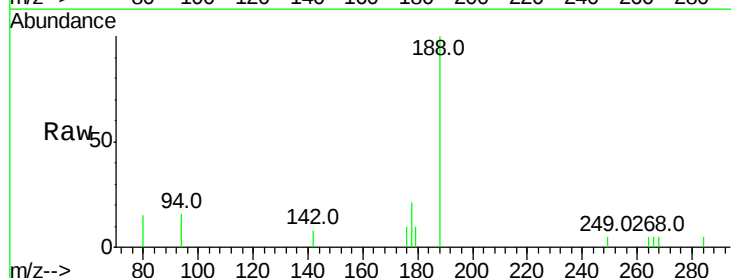
Tgt Ion:178 Resp: 328

Ion Ratio Lower Upper

178 100

176 31.7 15.8 23.8#

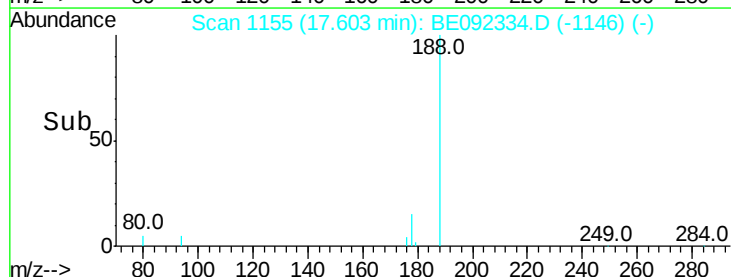
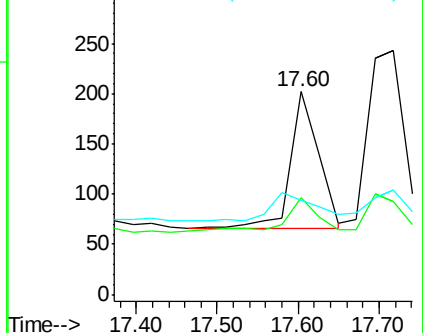
179 0.0 0.0 0.0

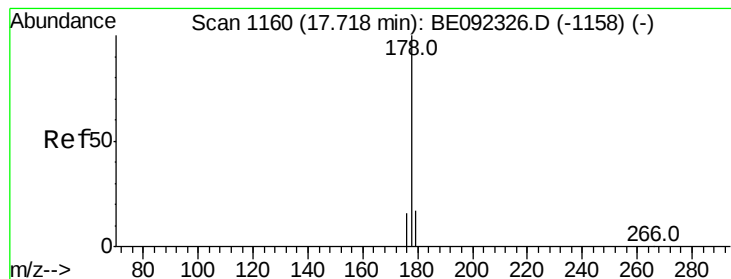


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#22

Anthracene

Concen: 0.05 ng

RT: 17.72 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE092334.D

Acq: 1 Sep 2016 18:22

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160829

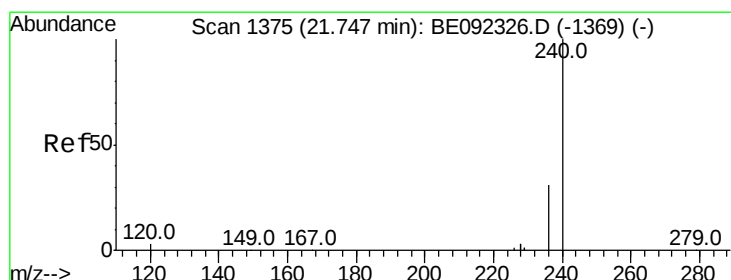
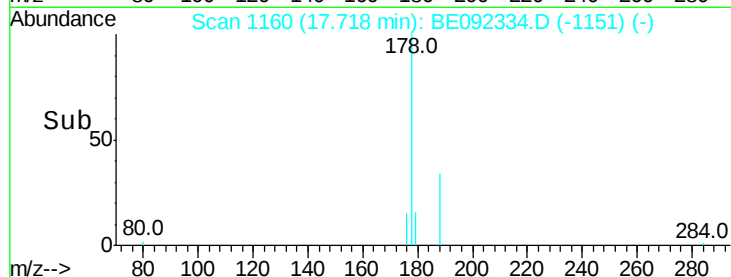
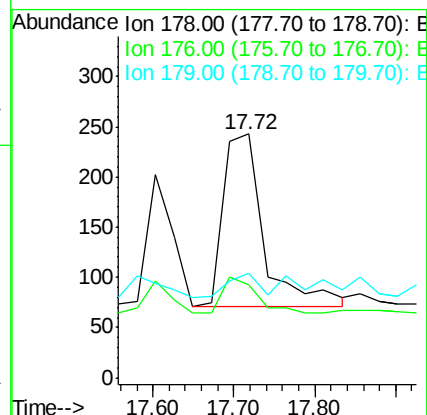
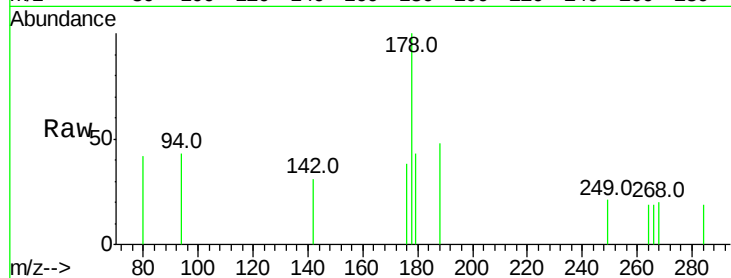
Tot Ion:178 Resp: 597

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

179 10.2 12.2 18.2#



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092334.D

Acq: 1 Sep 2016 18:22

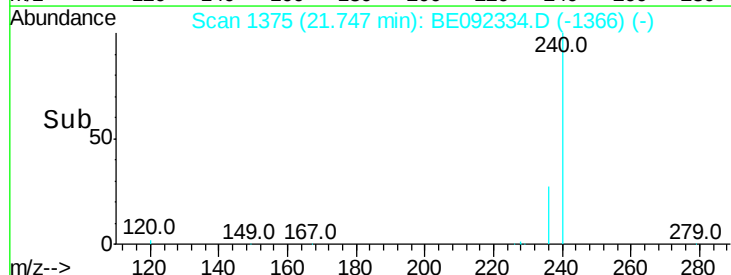
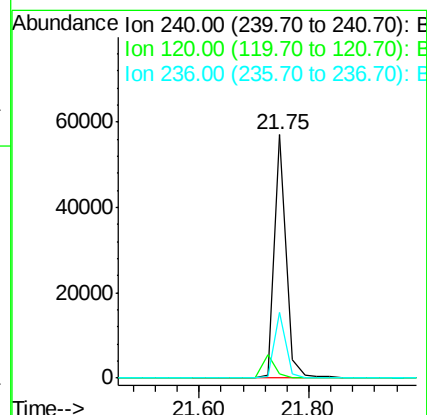
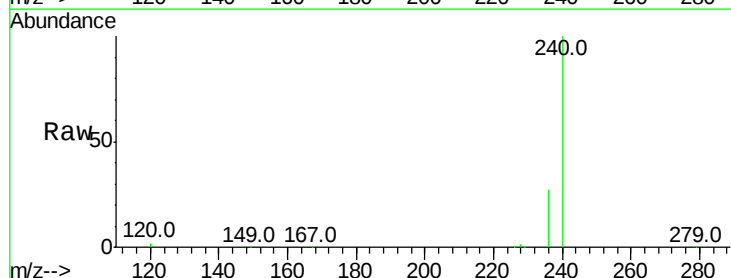
Tgt Ion:240 Resp: 86192

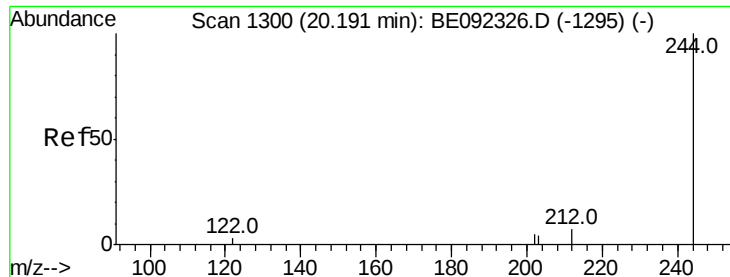
Ion Ratio Lower Upper

240 100

120 1.9 2.6 4.0#

236 27.2 24.6 37.0





#26

Terphenyl-d14

Concen: 4.24 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BE092334.D

Acq: 1 Sep 2016 18:22

Instrument :

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KY038PS027-160829

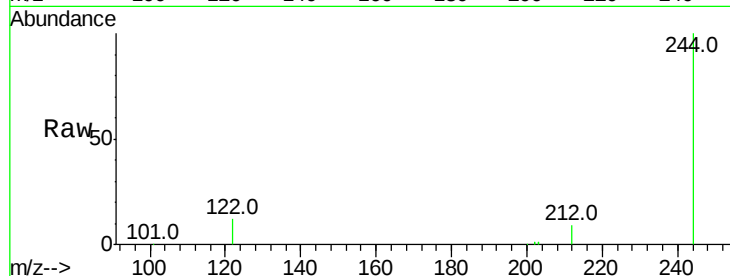
Tot Ion:244 Resp: 50390

Ion Ratio Lower Upper

244 100

212 9.4 6.7 10.1

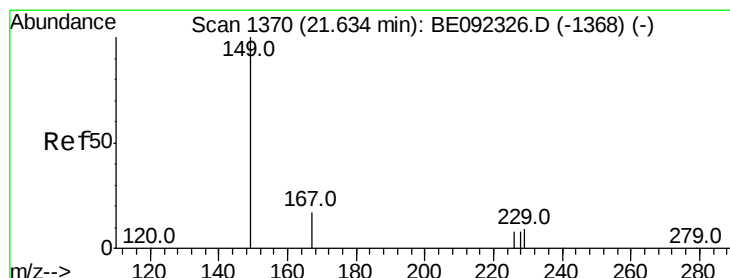
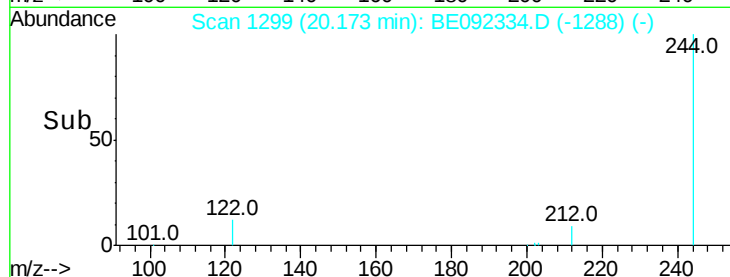
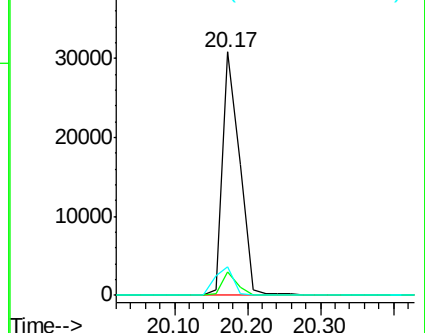
122 11.9 3.6 5.4#



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: 0.21 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092334.D

Acq: 1 Sep 2016 18:22

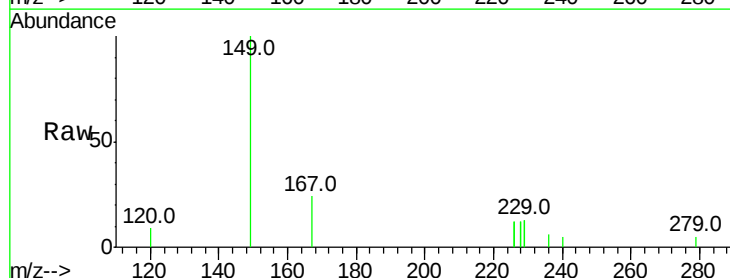
Tgt Ion:149 Resp: 1976

Ion Ratio Lower Upper

149 100

167 22.7 0.0 0.0#

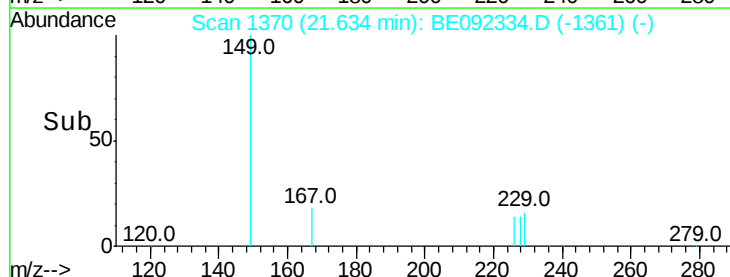
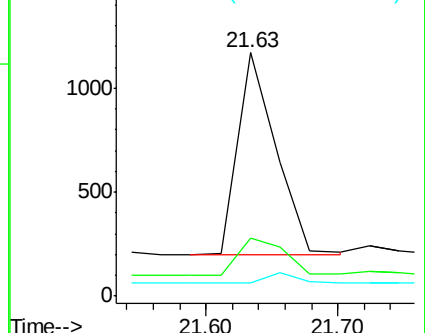
279 0.0 0.0 0.0

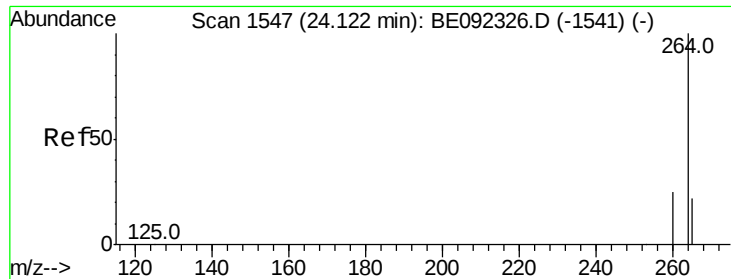


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

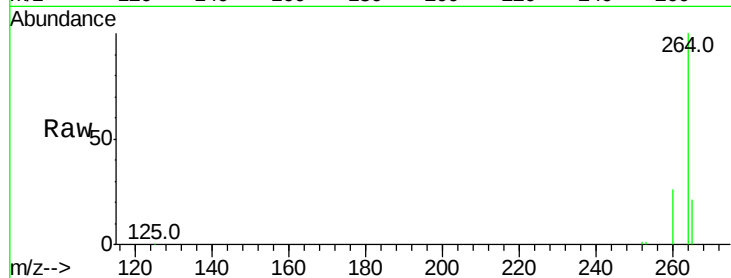




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BE092334.D
 Acq: 1 Sep 2016 18:22

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160829

Tot Ion: 264 Resp: 75832
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.1 30.1
 265 21.3 17.9 26.9



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

