

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
 Data File : BE091844.D
 Acq On : 23 May 2016 13:08
 Operator : UM/SJ
 Sample : PB90761BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90761BL

Quant Time: May 24 02:19:52 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

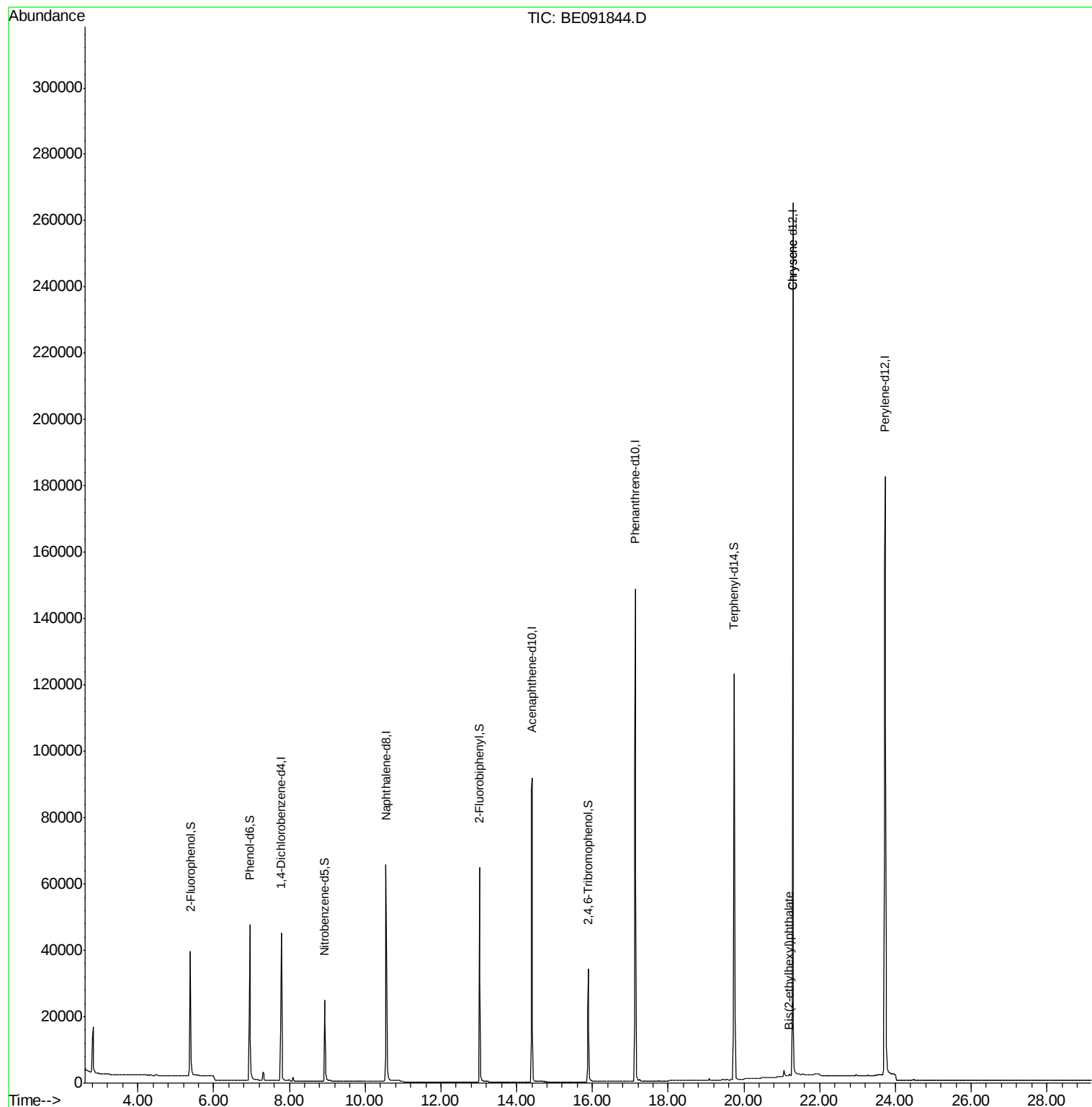
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	22591	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	104597	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	67877	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	192617	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	302301	5.00	ng	-0.02
35) Perylene-d12	23.73	264	272317	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	40490	6.86	ng	0.00
5) Phenol-d6	6.96	99	54442	6.55	ng	0.00
8) Nitrobenzene-d5	8.93	82	25148	3.63	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	23862	9.05	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	65573	3.42	ng	-0.01
29) Terphenyl-d14	19.74	244	148106	3.46	ng	-0.02
Target Compounds						
23) Phenanthrene	17.17	178	168	Below Cal	#	60
27) Benzidine	19.40	184	71	Below Cal	#	1
32) Chrysene	21.29	228	1008	0.06	ng	# 68
33) Bis(2-ethylhexyl)phthalate	21.20	149	824	0.27	ng	# 81

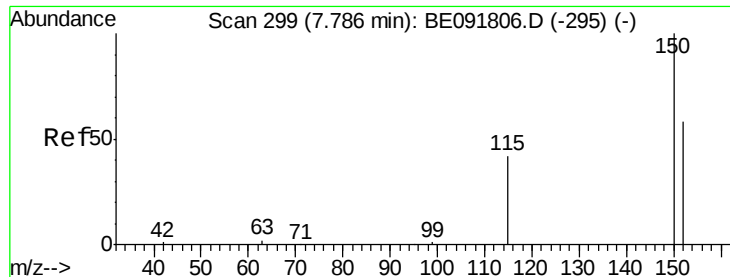
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

Instrument :

BNA_E

ClientSampleId :

PB90761BL

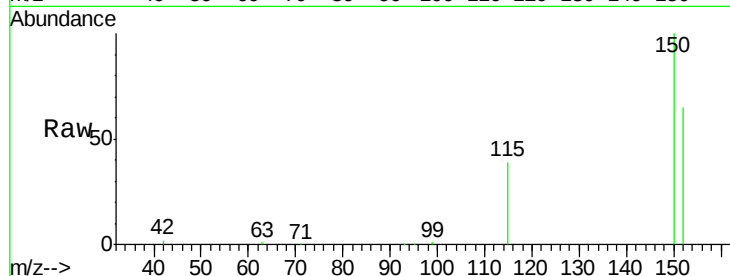
Tgt Ion:152 Resp: 22591

Ion Ratio Lower Upper

152 100

150 154.8 122.6 183.8

115 60.1 52.8 79.2

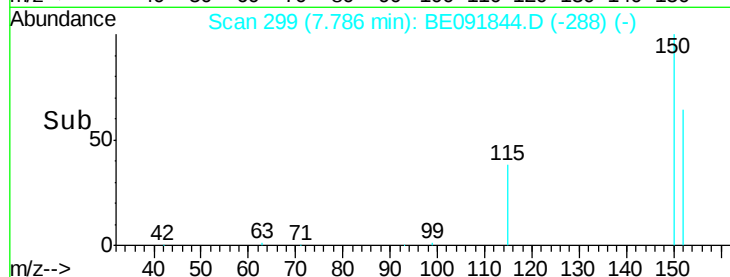


Abundance Ion 152.00 (151.70 to 152.70): E

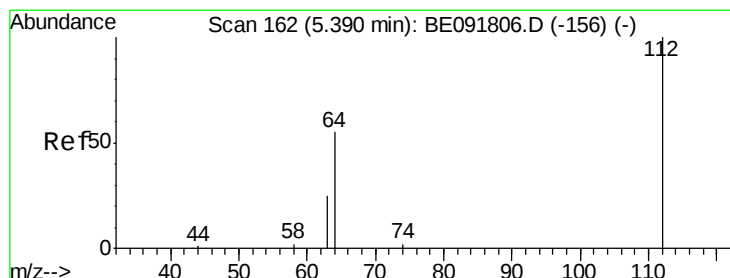
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#4

2-Fluorophenol

Concen: 6.86 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

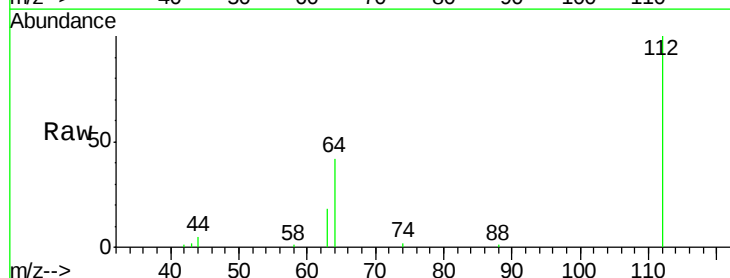
Tgt Ion:112 Resp: 40490

Ion Ratio Lower Upper

112 100

64 67.5 30.9 46.3#

63 35.9 16.7 25.1#

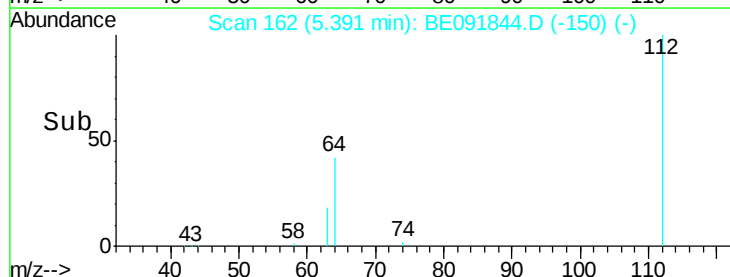


Abundance Ion 112.00 (111.70 to 112.70): E

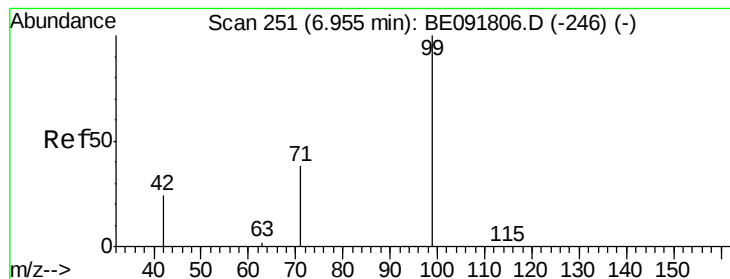
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 6.55 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

Instrument :

BNA_E

ClientSampleId :

PB90761BL

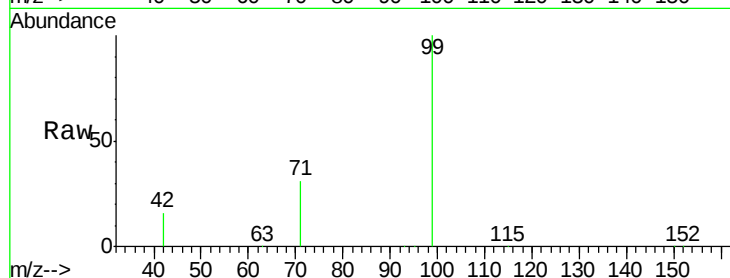
Tgt Ion: 99 Resp: 54442

Ion Ratio Lower Upper

99 100

42 22.9 16.2 24.2

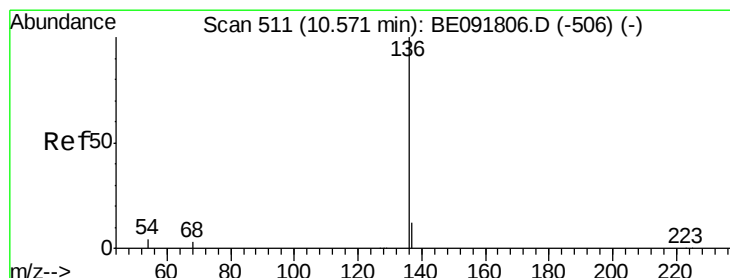
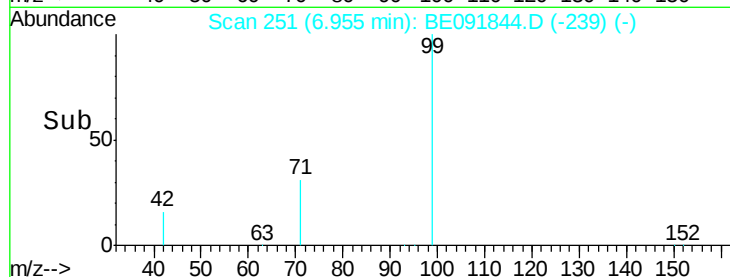
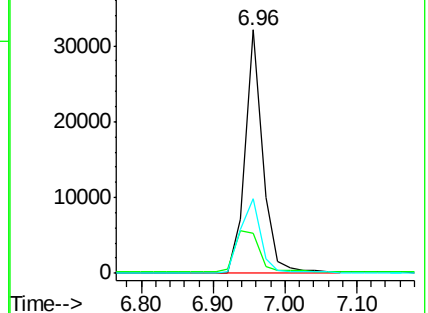
71 35.3 29.0 43.4



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: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

Tgt Ion: 136 Resp: 104597

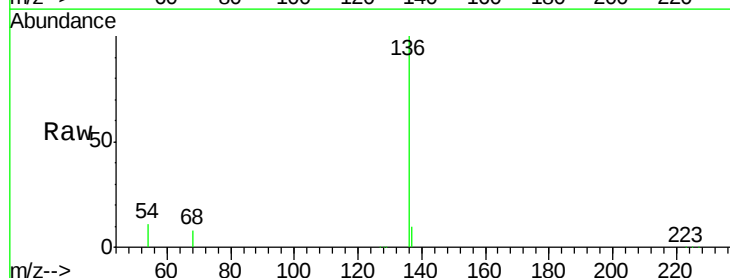
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 11.0 8.2 12.4

68 8.0 6.2 9.4

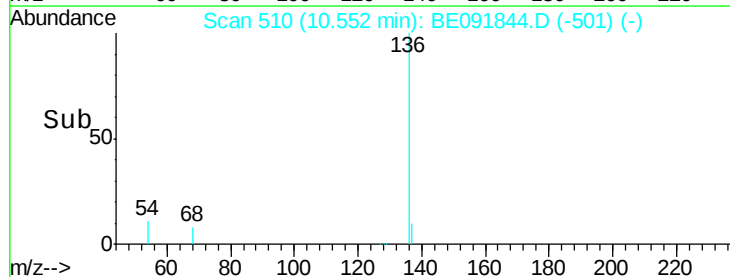
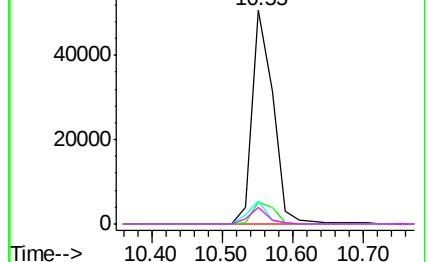


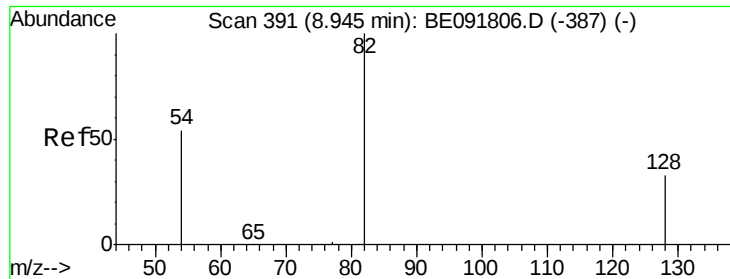
Abundance Ion 136.00 (135.70 to 136.70): E

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

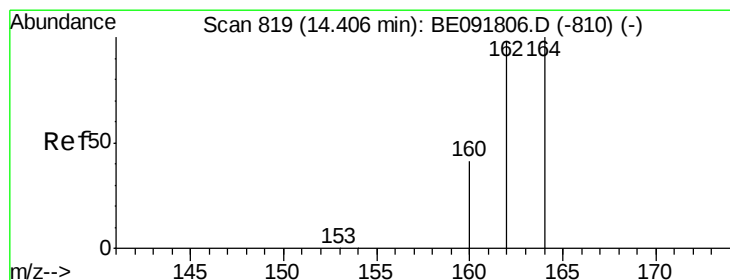
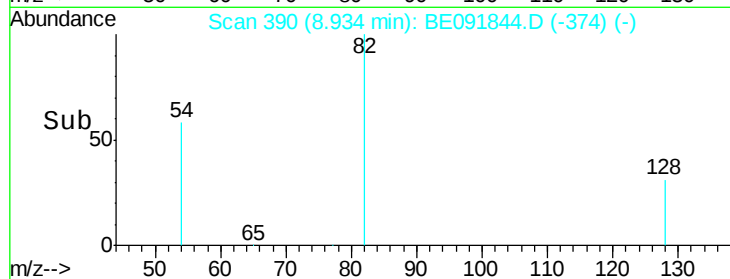
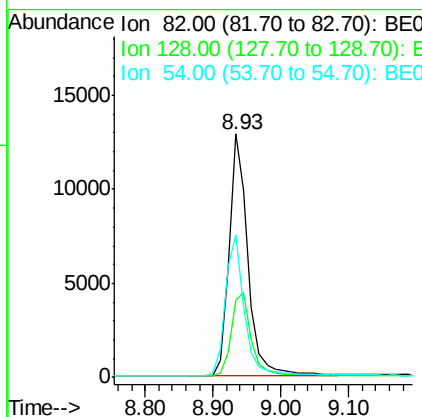
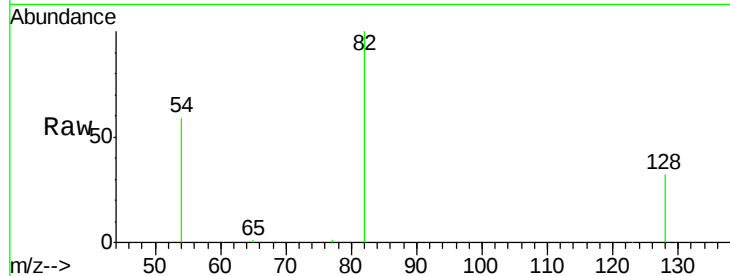




#8
 Nitrobenzene-d5
 Concen: 3.63 ng
 RT: 8.93 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE091844.D
 Acq: 23 May 2016 13:08

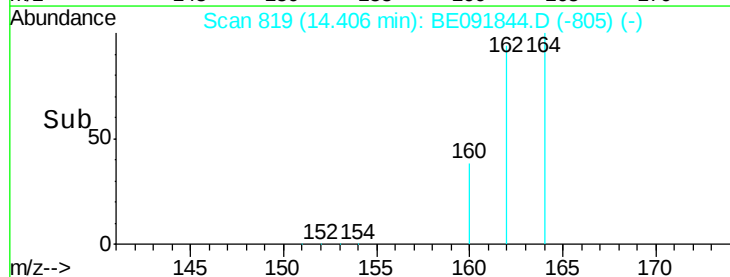
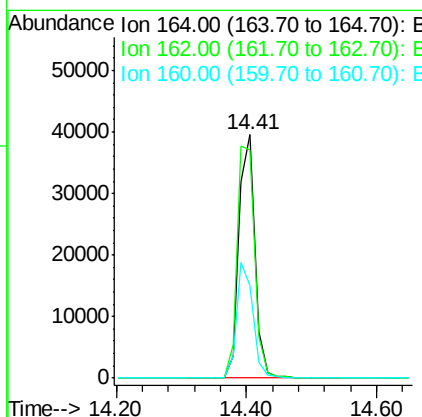
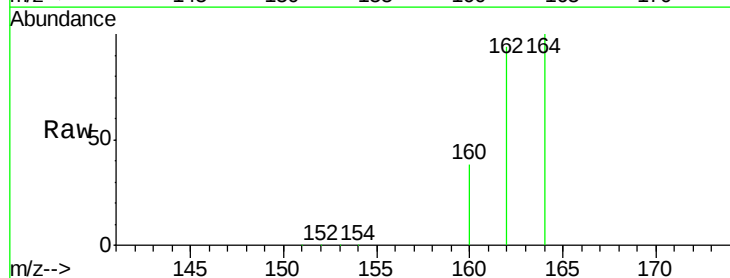
Instrument :
 BNA_E
 ClientSampleId :
 PB90761BL

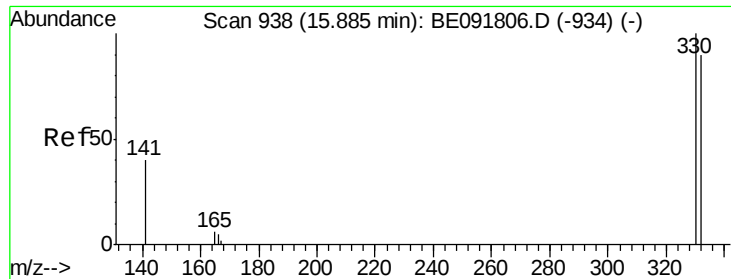
Tgt Ion: 82 Resp: 25148
 Ion Ratio Lower Upper
 82 100
 128 31.8 25.4 38.0
 54 58.6 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.41 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091844.D
 Acq: 23 May 2016 13:08

Tgt Ion: 164 Resp: 67877
 Ion Ratio Lower Upper
 164 100
 162 93.9 85.3 127.9
 160 37.9 46.2 69.2#

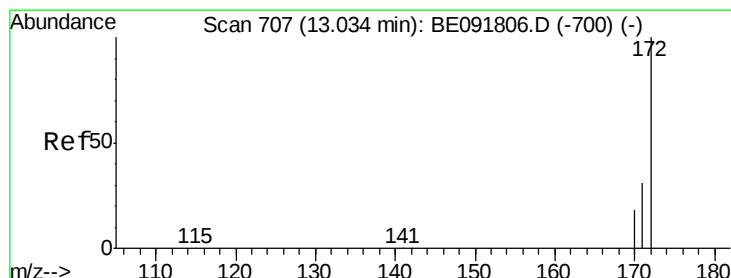
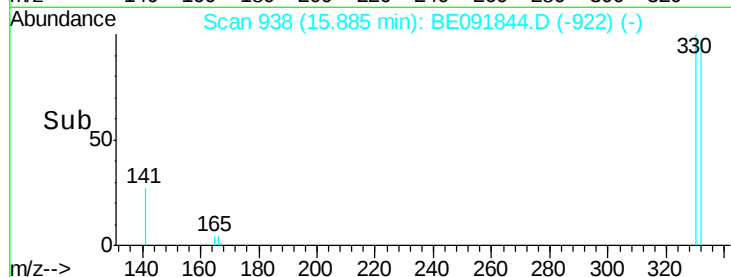
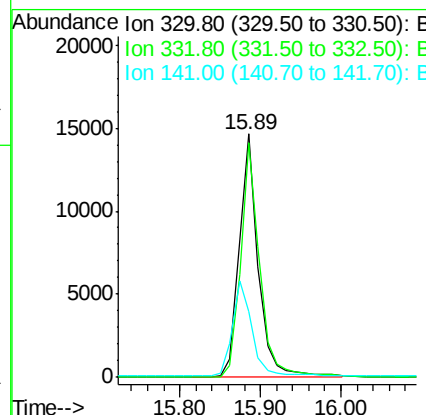
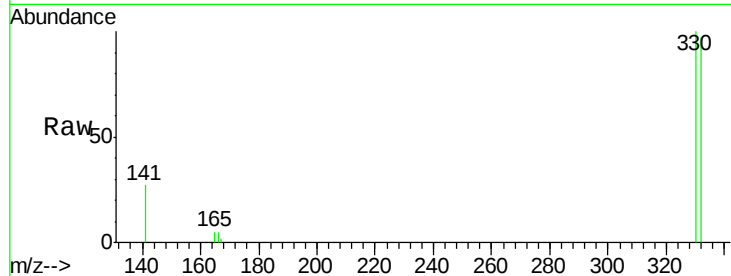




#14
 2,4,6-Tribromophenol
 Concen: 9.05 ng
 RT: 15.89 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091844.D
 Acq: 23 May 2016 13:08

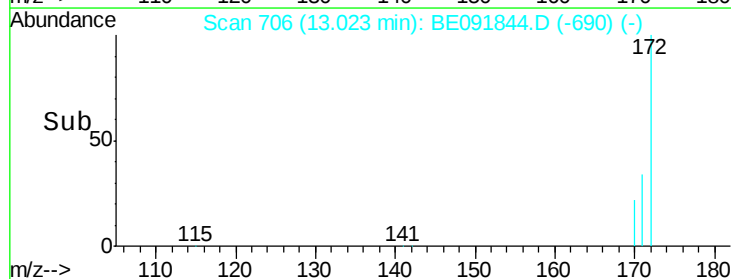
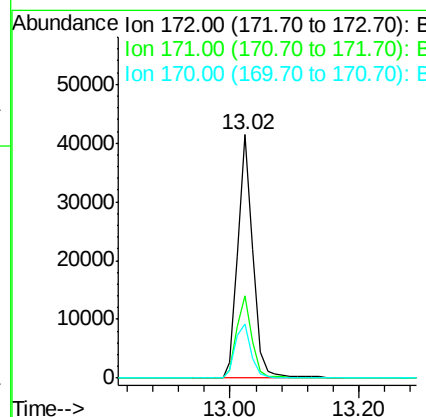
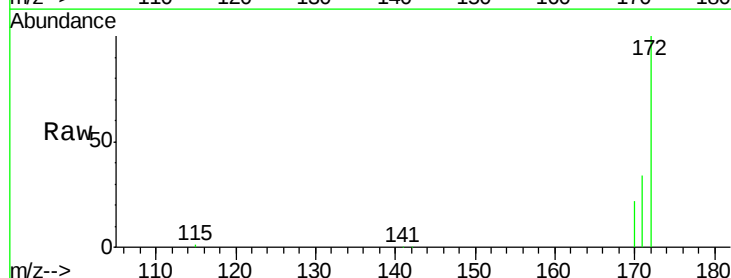
Instrument :
 BNA_E
 ClientSampleId :
 PB90761BL

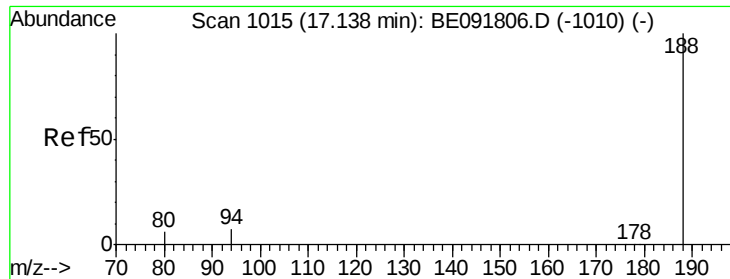
Tgt Ion:330 Resp: 23862
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.1 118.7
 141 40.4 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.42 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091844.D
 Acq: 23 May 2016 13:08

Tgt Ion:172 Resp: 65573
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.8 43.2
 170 22.2 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

Instrument :

BNA_E

ClientSampleId :

PB90761BL

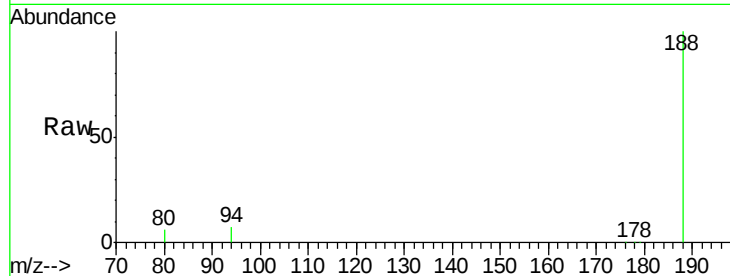
Tgt Ion:188 Resp: 192617

Ion Ratio Lower Upper

188 100

94 7.0 8.7 13.1#

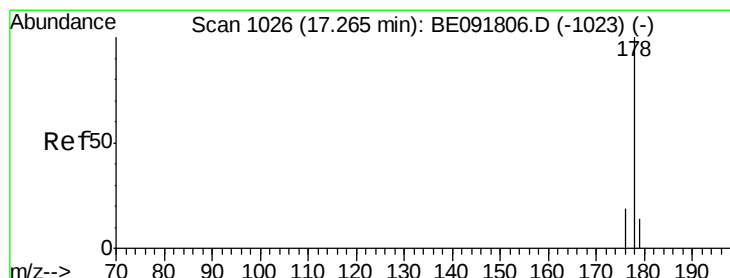
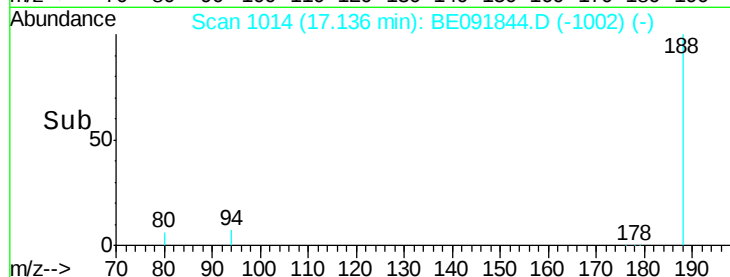
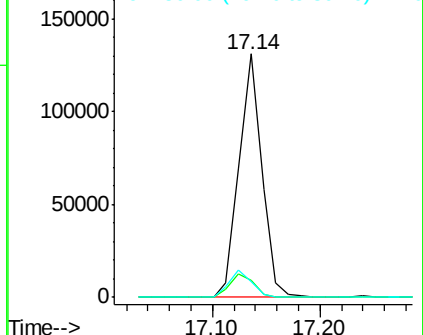
80 6.3 9.4 14.0#



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



#23

Phenanthrene

Concen: Below Cal

RT: 17.17 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

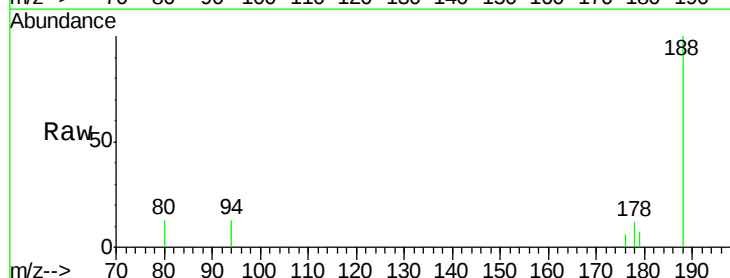
Tgt Ion:178 Resp: 168

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

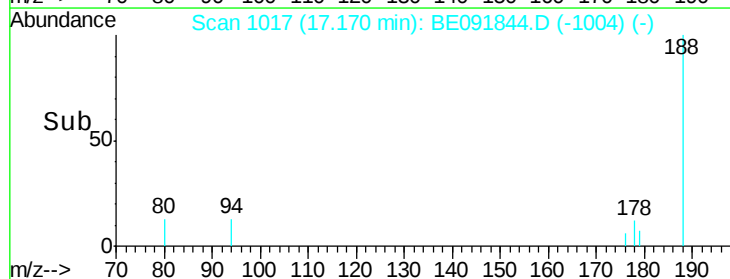
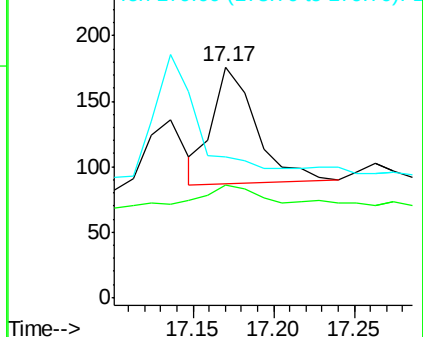
179 0.0 12.6 18.8#

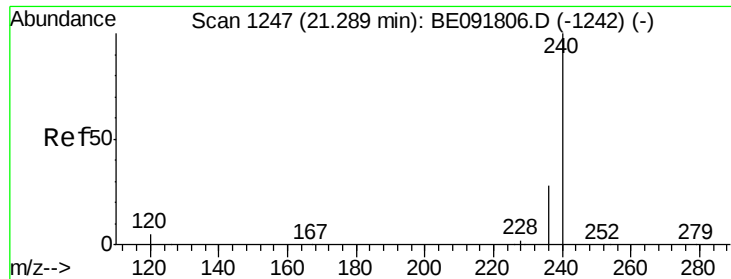


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

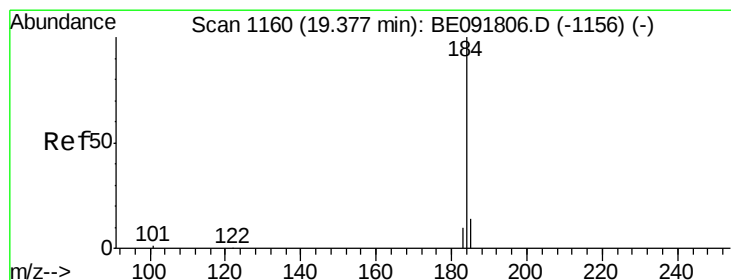
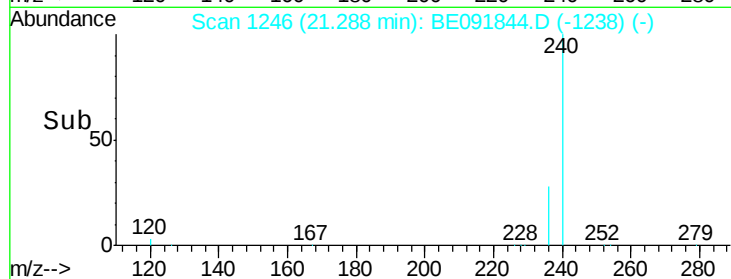
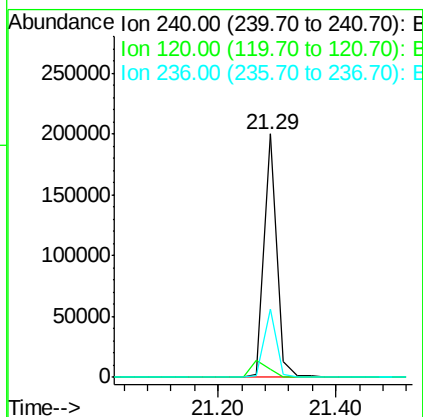
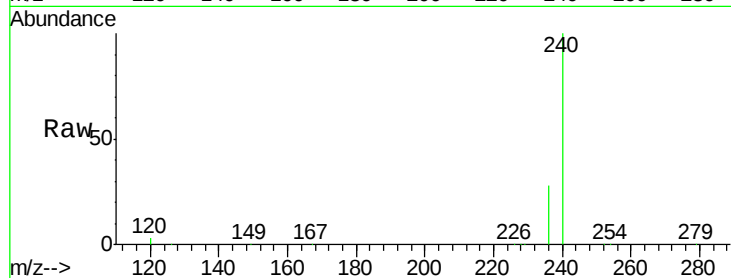




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

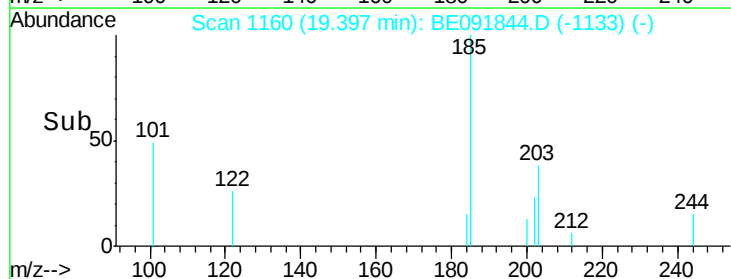
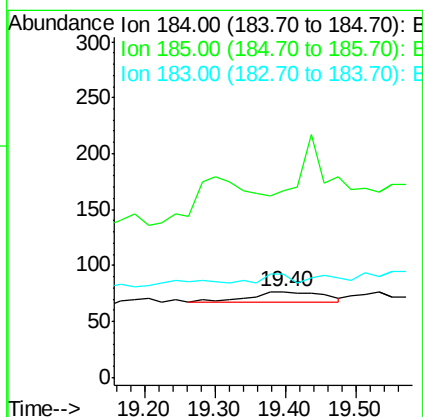
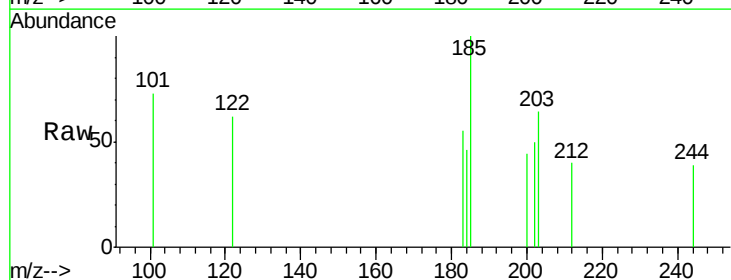
Instrument :
BNA_E
ClientSampleId :
PB90761BL

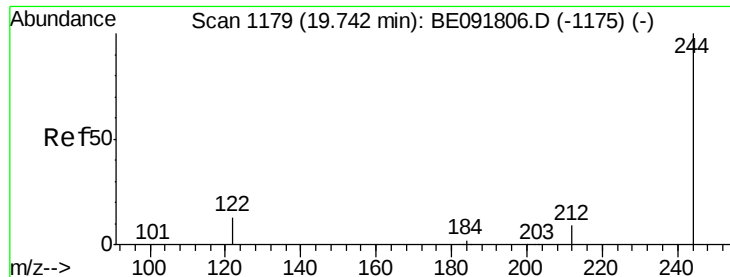
Tgt Ion:240 Resp: 302301
Ion Ratio Lower Upper
240 100
120 3.5 11.0 16.4#
236 27.8 21.7 32.5



#27
Benzidine
Concen: Below Cal
RT: 19.40 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BE091844.D
Acq: 23 May 2016 13:08

Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
185 216.9 22.3 33.5#
183 119.5 16.4 24.6#





#29

Terphenyl-d14

Concen: 3.46 ng

RT: 19.74 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

Instrument :

BNA_E

ClientSampled :

PB90761BL

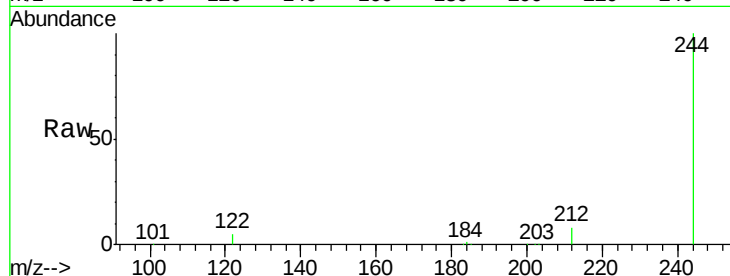
Tgt Ion:244 Resp: 148106

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

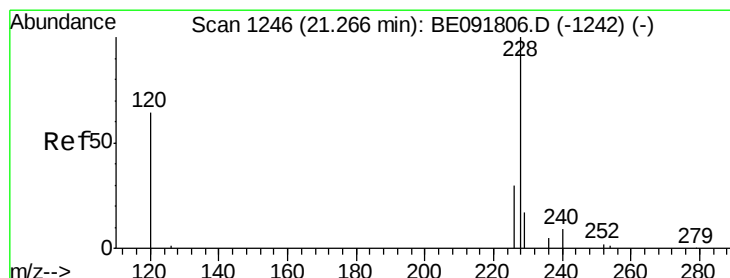
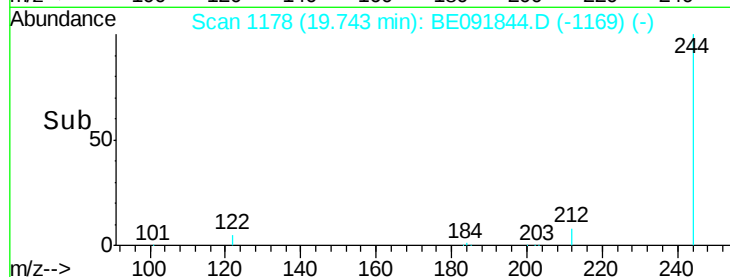
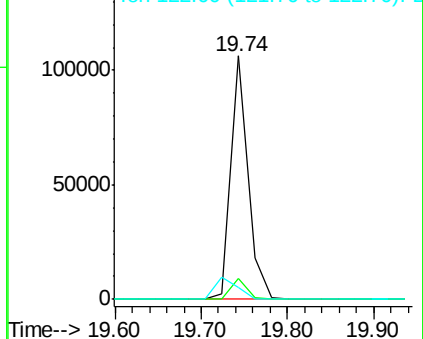
122 4.9 11.0 16.4#



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



#32

Chrysene

Concen: 0.06 ng

RT: 21.29 min Scan# 1246

Delta R.T. -0.05 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

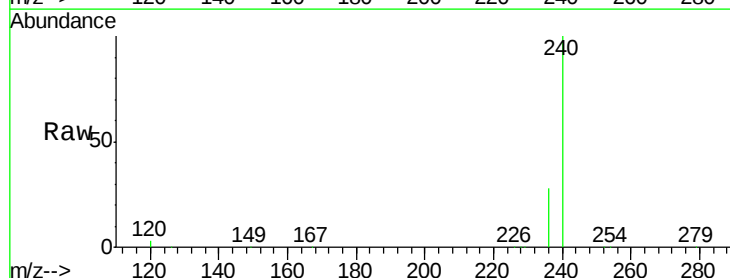
Tgt Ion:228 Resp: 1008

Ion Ratio Lower Upper

228 100

226 24.9 24.0 36.0

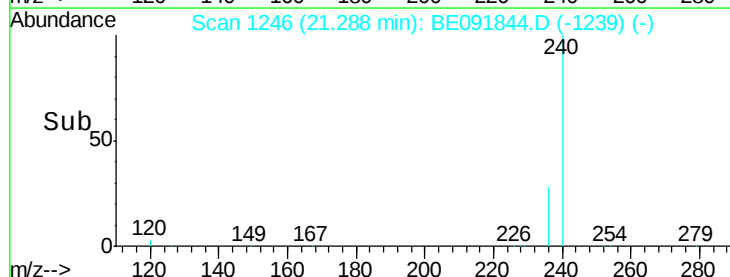
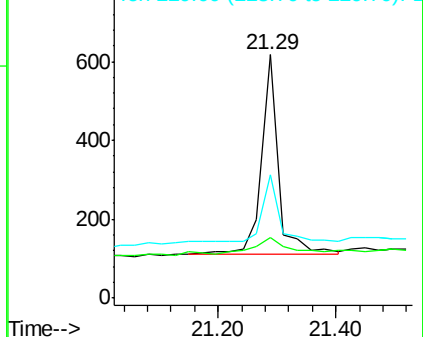
229 50.3 15.9 23.9#

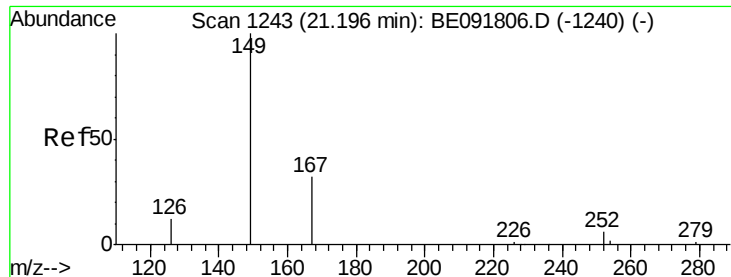


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.20 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

Instrument :

BNA_E

ClientSampleId :

PB90761BL

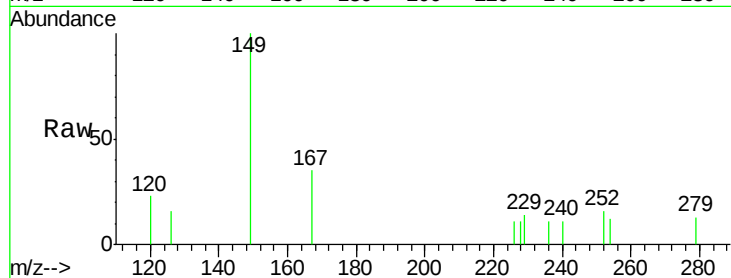
Tgt Ion:149 Resp: 824

Ion Ratio Lower Upper

149 100

167 32.8 19.5 29.3#

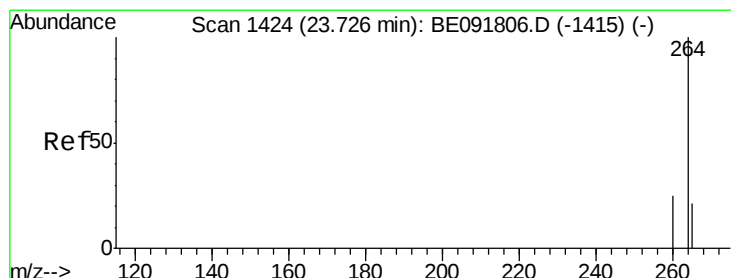
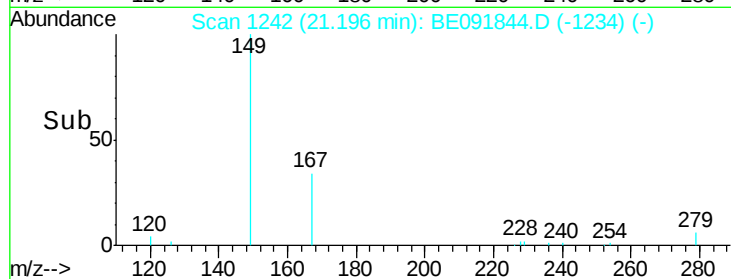
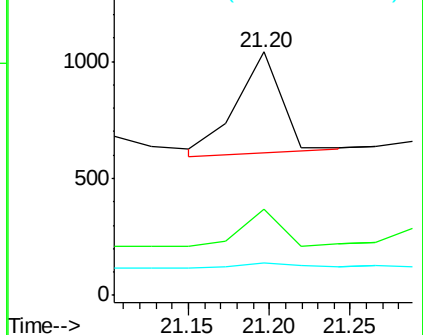
279 21.4 10.0 15.0#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.73 min Scan# 1423

Delta R.T. -0.02 min

Lab File: BE091844.D

Acq: 23 May 2016 13:08

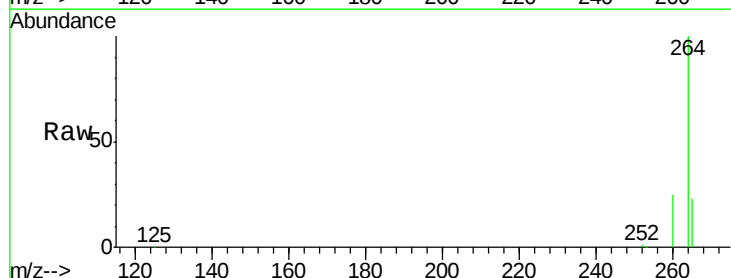
Tgt Ion:264 Resp: 272317

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 22.9 17.5 26.3



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

