

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
 Data File : BE091743.D
 Acq On : 3 May 2016 14:52
 Operator : UM/SJ
 Sample : PB90269BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90269BL

Quant Time: May 04 01:03:57 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

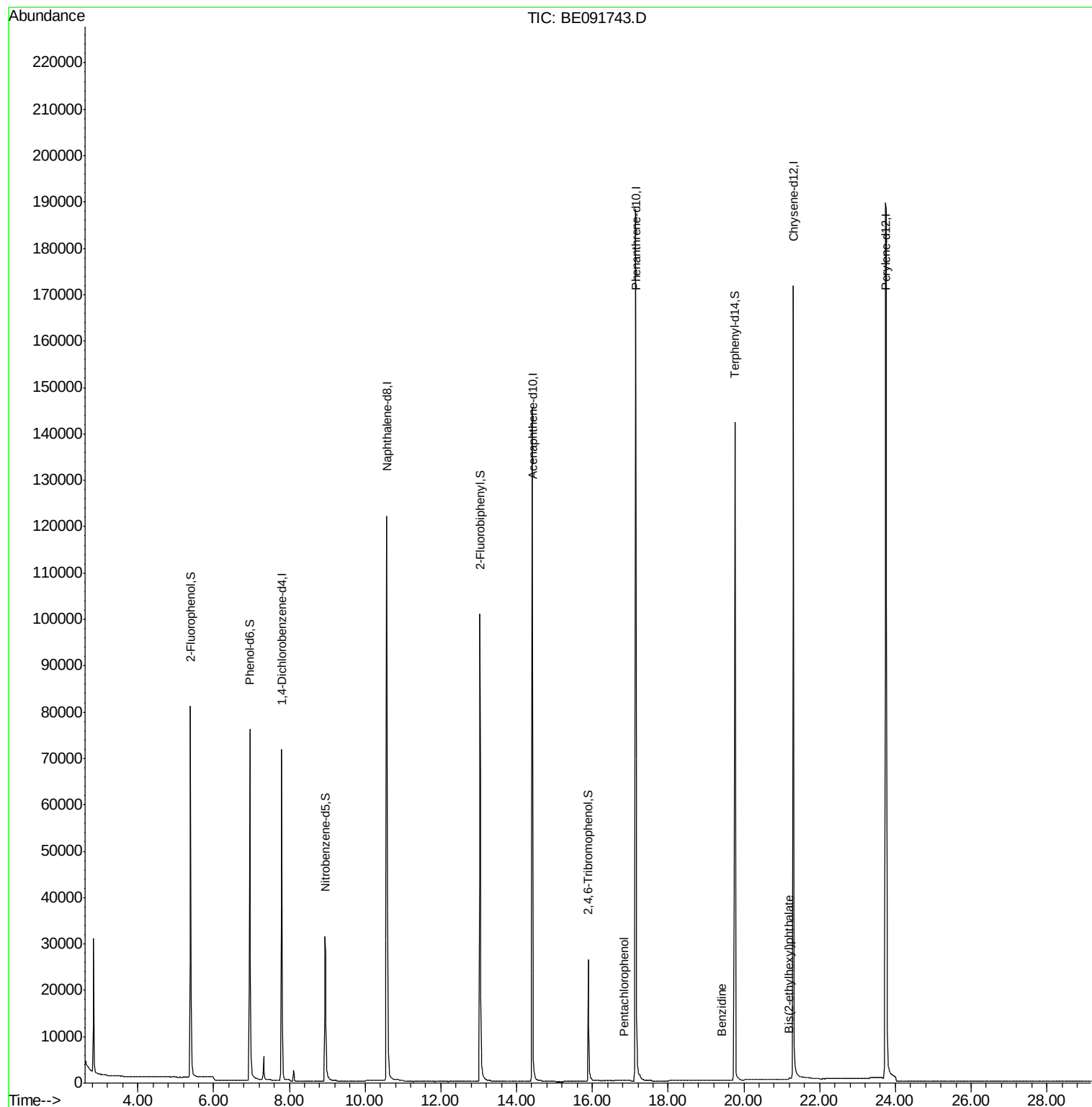
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39447	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	181931	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	104107	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	272750	5.00	ng	0.00
26) Chrysene-d12	21.31	240	284536	5.00	ng	0.00
35) Perylene-d12	23.74	264	309574	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	63766	6.58	ng	0.00
5) Phenol-d6	6.96	99	86781	6.75	ng	0.00
8) Nitrobenzene-d5	8.95	82	35591	3.03	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	22355	5.81	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	110933	3.77	ng	0.00
29) Terphenyl-d14	19.76	244	181735	4.10	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.83	266	90	0.11	ng	# 75
27) Benzidine	19.42	184	95	0.17	ng	# 1
33) Bis(2-ethylhexyl)phthalate	21.20	149	469	0.02	ng	# 83

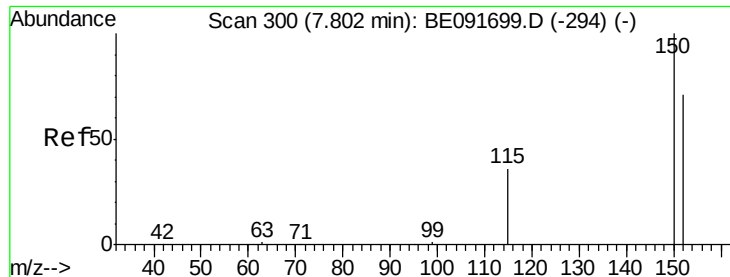
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091743.D

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BNA_E

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PB90269BL

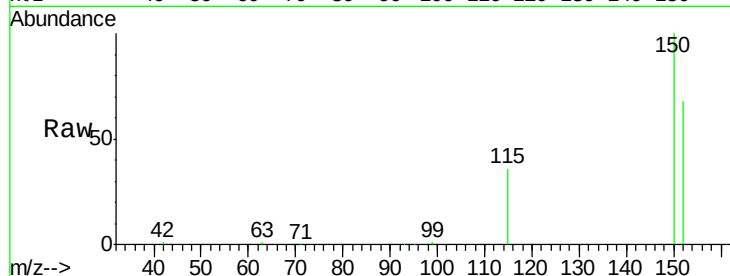
Tgt Ion:152 Resp: 39447

Ion Ratio Lower Upper

152 100

150 146.5 122.6 183.8

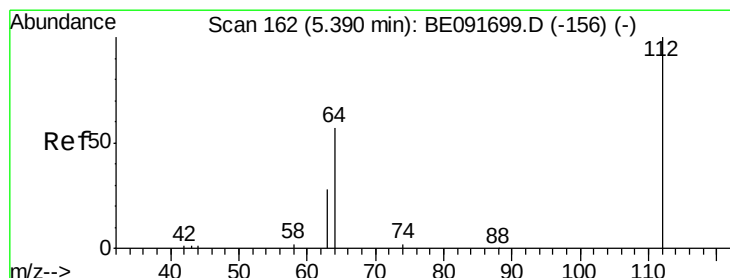
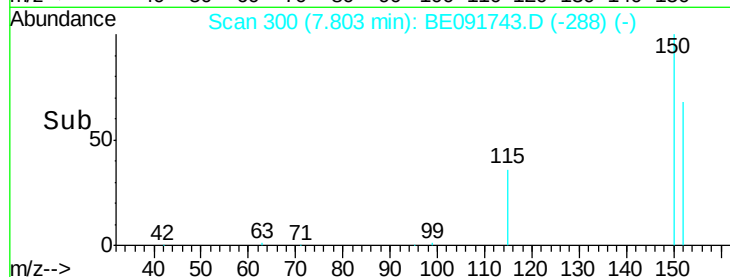
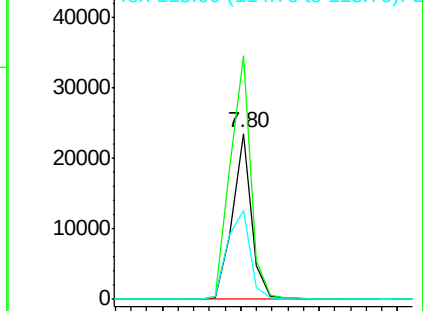
115 53.4 52.8 79.2



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



#4

2-Fluorophenol

Concen: 6.58 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

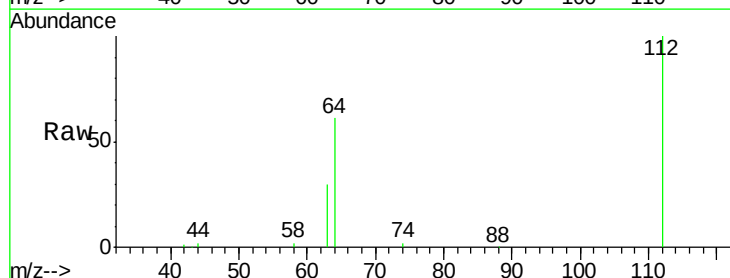
Tgt Ion:112 Resp: 63766

Ion Ratio Lower Upper

112 100

64 66.6 30.9 46.3#

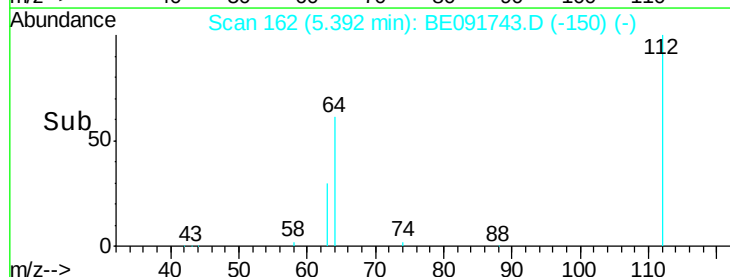
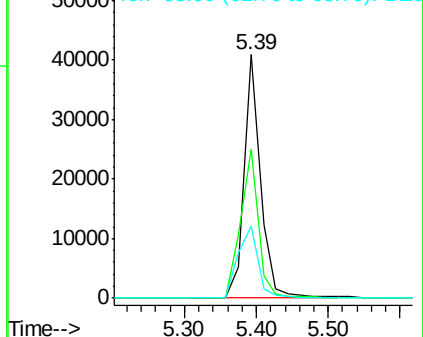
63 36.0 16.7 25.1#

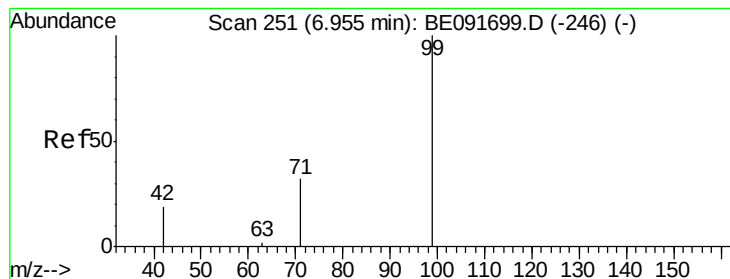


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.75 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

Instrument :

BNA_E

ClientSampleId :

PB90269BL

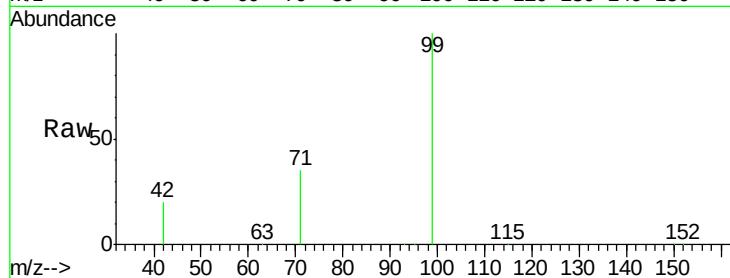
Tgt Ion: 99 Resp: 86781

Ion Ratio Lower Upper

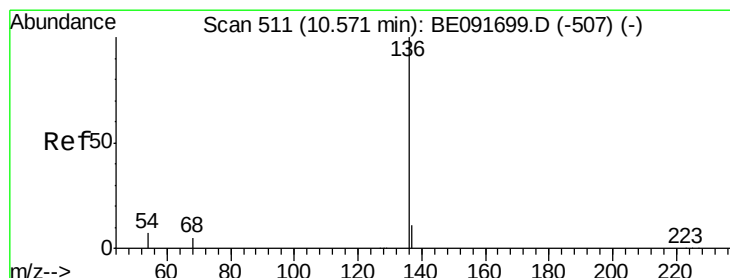
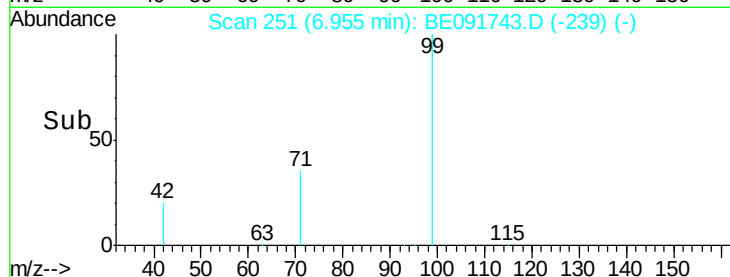
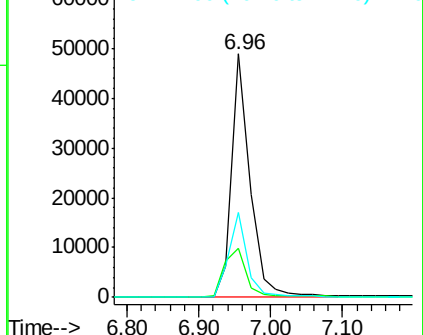
99 100

42 24.6 16.2 24.2#

71 35.0 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: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

Tgt Ion: 136 Resp: 181931

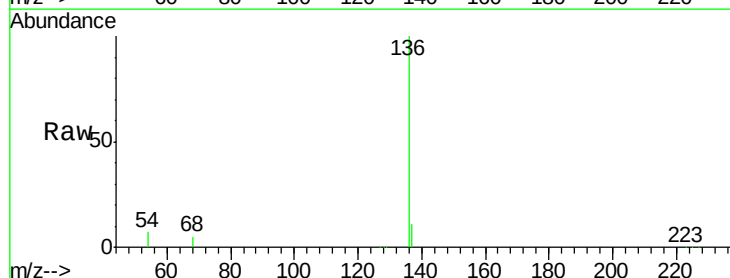
Ion Ratio Lower Upper

136 100

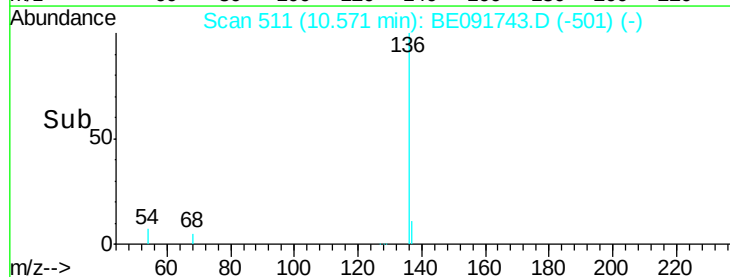
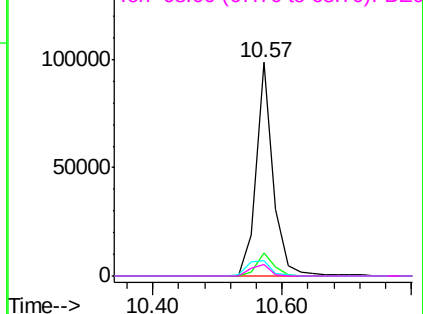
137 10.9 8.9 13.3

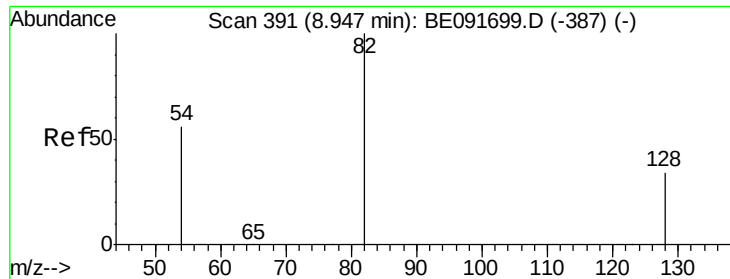
54 7.4 8.2 12.4#

68 5.4 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: 3.03 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

Instrument :

BNA_E

ClientSampleId :

PB90269BL

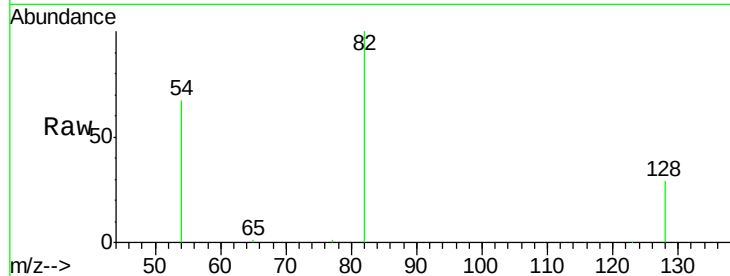
Tgt Ion: 82 Resp: 35591

Ion Ratio Lower Upper

82 100

128 28.5 25.4 38.0

54 67.0 48.4 72.6

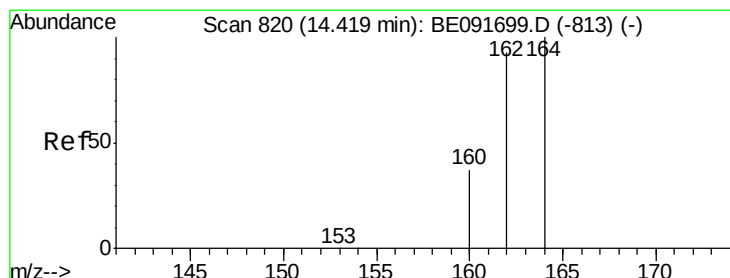
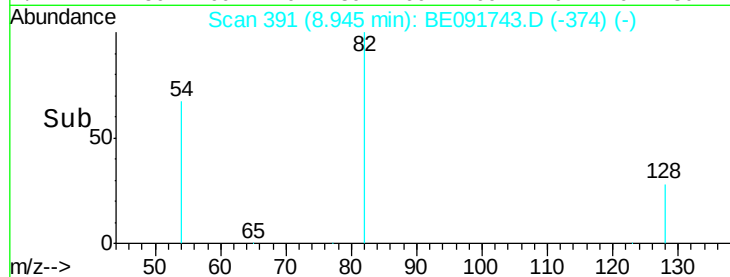


Abundance Ion 82.00 (81.70 to 82.70): BE091699.D (-387) (-)

Ion 128.00 (127.70 to 128.70): BE091699.D (-387) (-)

Ion 54.00 (53.70 to 54.70): BE091699.D (-387) (-)

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

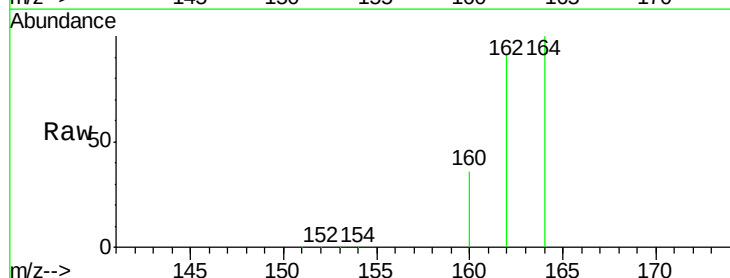
Tgt Ion: 164 Resp: 104107

Ion Ratio Lower Upper

164 100

162 90.9 85.3 127.9

160 35.8 46.2 69.2#

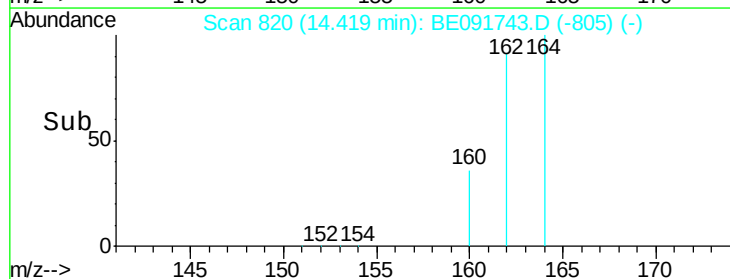


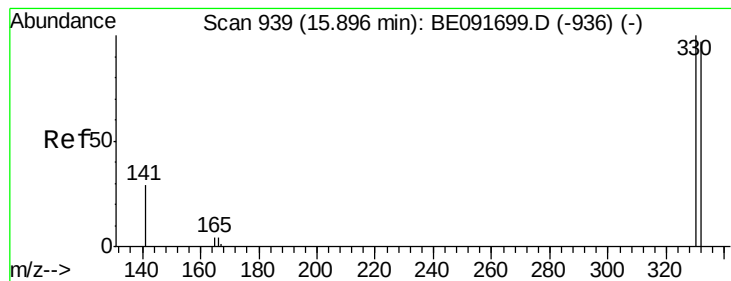
Abundance Ion 164.00 (163.70 to 164.70): BE091699.D (-813) (-)

Ion 162.00 (161.70 to 162.70): BE091699.D (-813) (-)

Ion 160.00 (159.70 to 160.70): BE091699.D (-813) (-)

Time-->

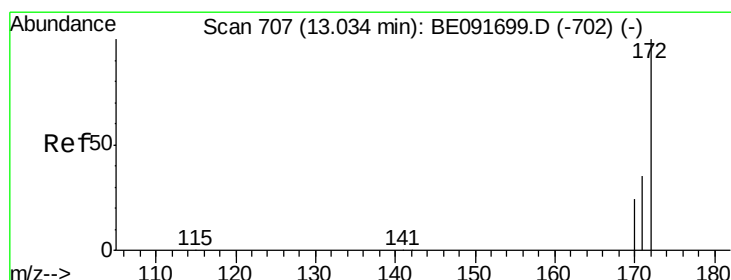
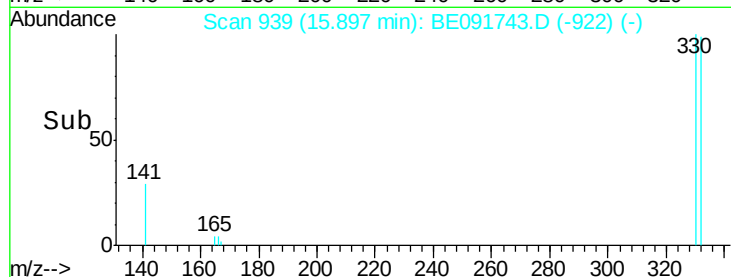
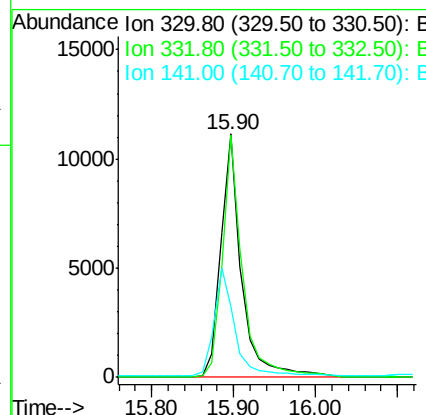
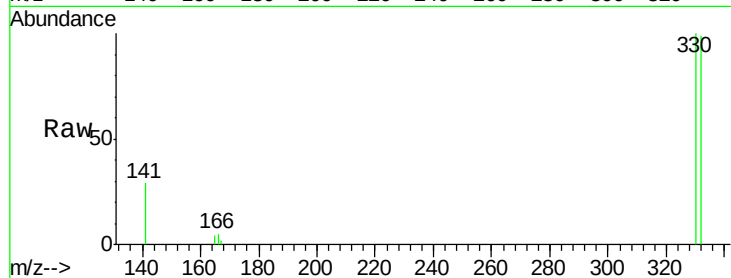




#14
 2,4,6-Tribromophenol
 Concen: 5.81 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091743.D
 Acq: 3 May 2016 14:52

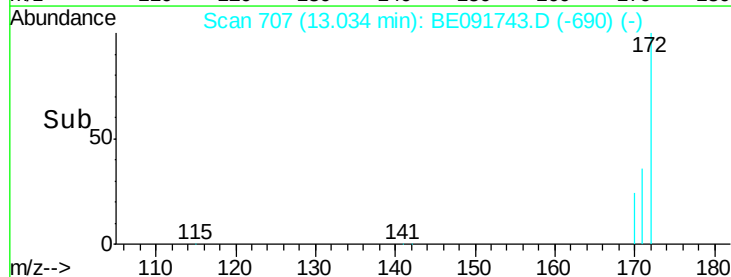
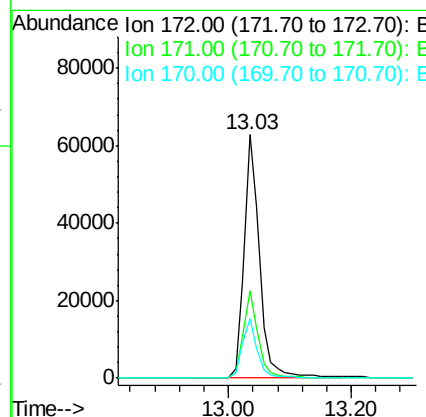
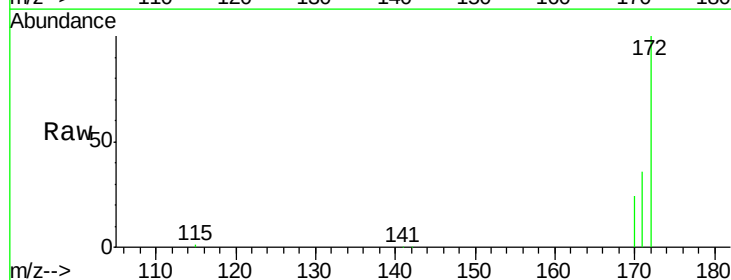
Instrument :
 BNA_E
 ClientSampleId :
 PB90269BL

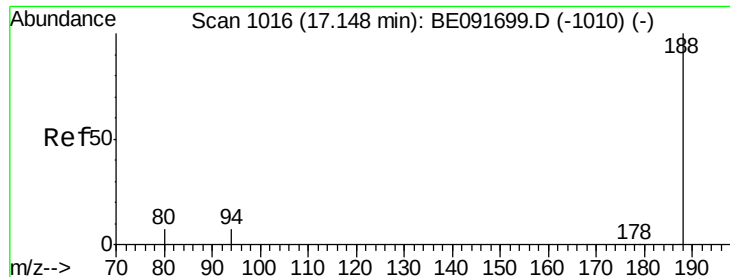
Tgt Ion:330 Resp: 22355
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.1 118.7
 141 43.6 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.77 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091743.D
 Acq: 3 May 2016 14:52

Tgt Ion:172 Resp: 110933
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 24.4 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

Instrument :

BNA_E

ClientSampleId :

PB90269BL

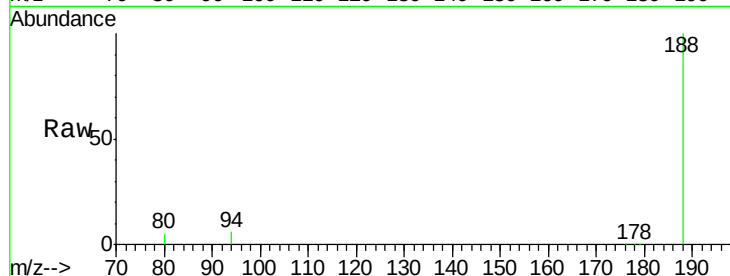
Tgt Ion:188 Resp: 272750

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

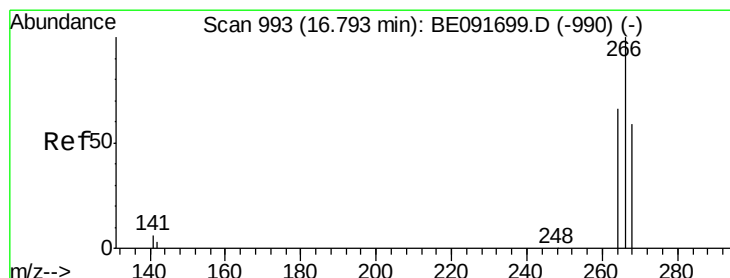
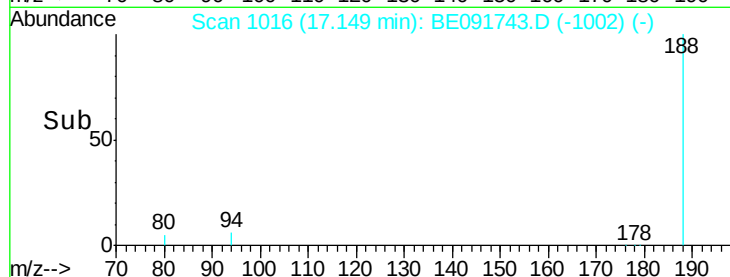
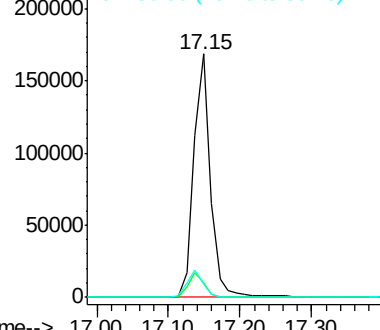
80 5.4 9.4 14.0#



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



#22

Pentachlorophenol

Concen: 0.11 ng

RT: 16.83 min Scan# 995

Delta R.T. 0.04 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

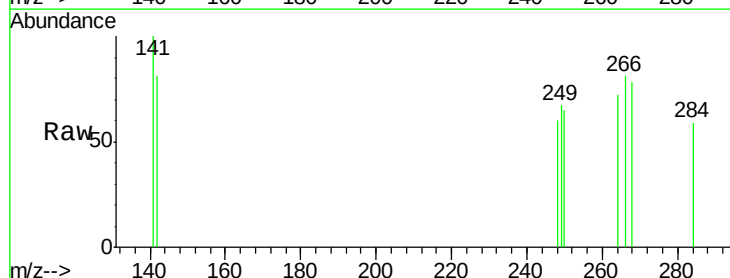
Tgt Ion:266 Resp: 90

Ion Ratio Lower Upper

266 100

268 95.7 58.2 87.2#

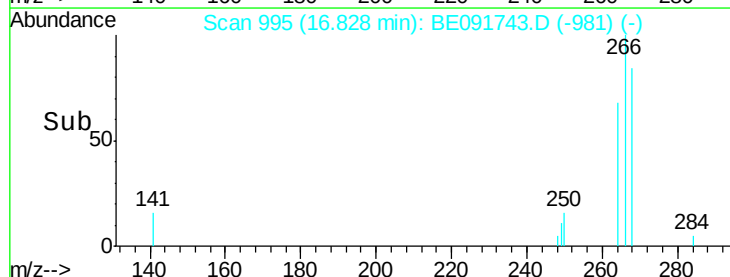
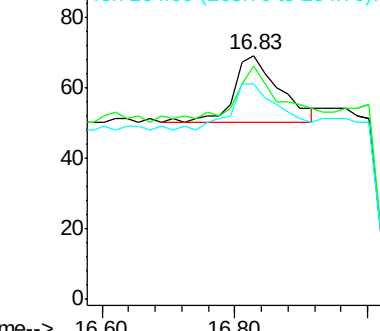
264 88.4 56.2 84.4#

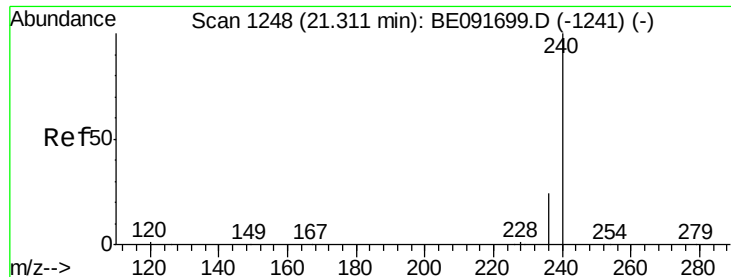


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

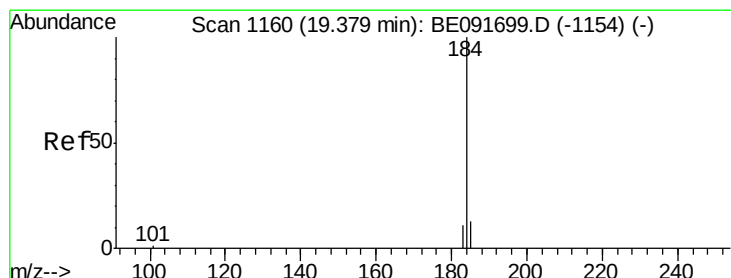
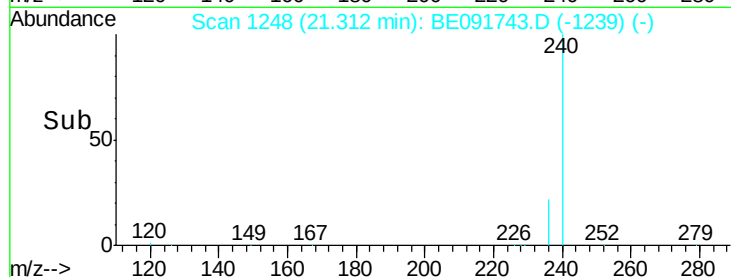
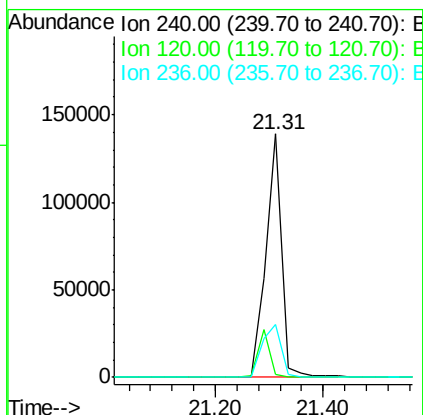
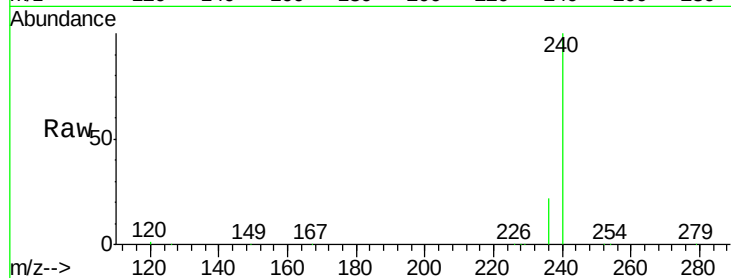




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

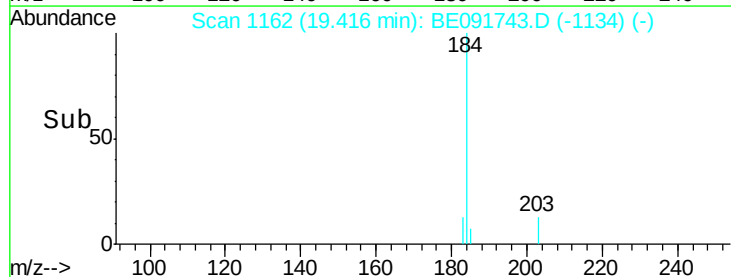
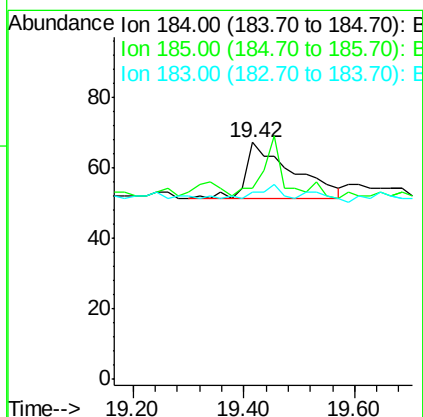
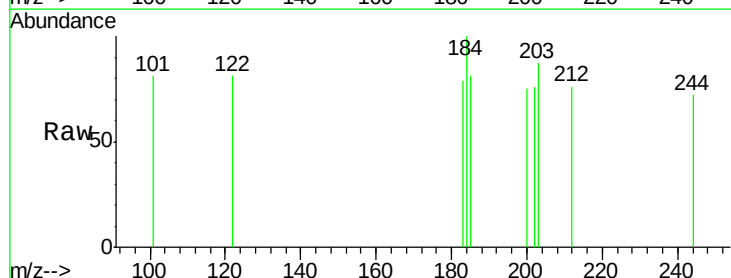
Instrument :
BNA_E
ClientSampleId :
PB90269BL

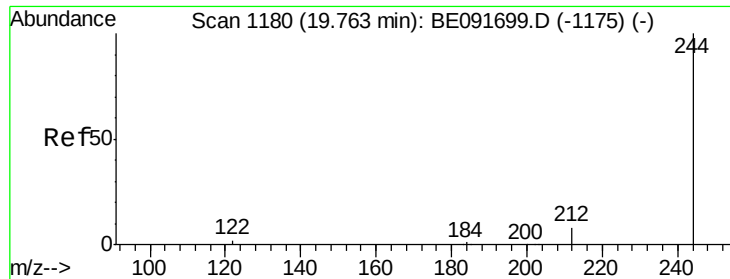
Tgt Ion:240 Resp: 284536
Ion Ratio Lower Upper
240 100
120 1.0 11.0 16.4#
236 21.9 21.7 32.5



#27
Benzidine
Concen: 0.17 ng
RT: 19.42 min Scan# 1162
Delta R.T. 0.04 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:184 Resp: 95
Ion Ratio Lower Upper
184 100
185 80.6 22.3 33.5#
183 79.1 16.4 24.6#





#29

Terphenyl-d14

Concen: 4.10 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

Instrument :

BNA_E

ClientSampleId :

PB90269BL

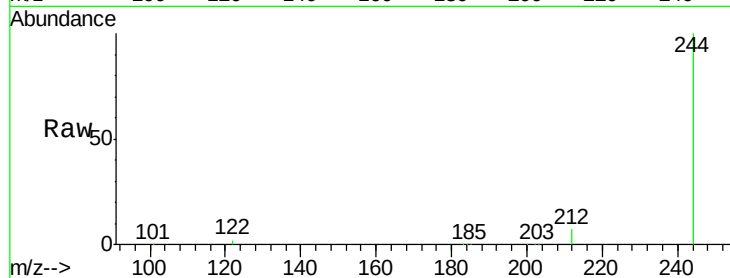
Tgt Ion:244 Resp: 181735

Ion Ratio Lower Upper

244 100

212 7.5 6.9 10.3

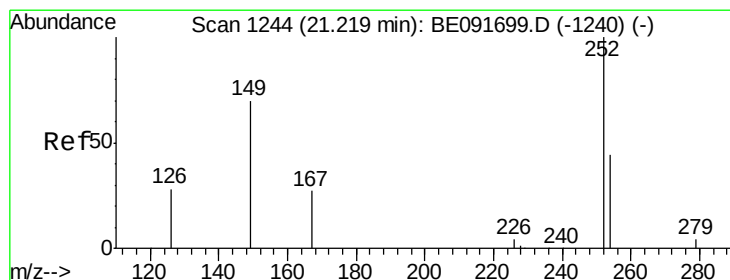
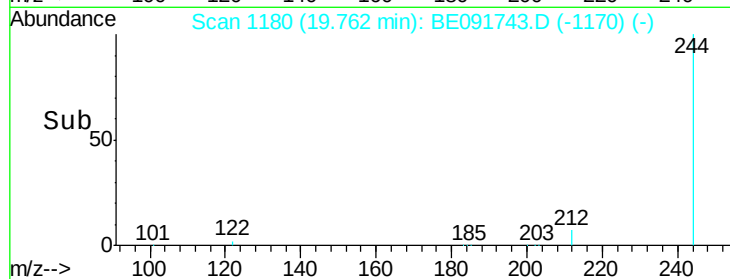
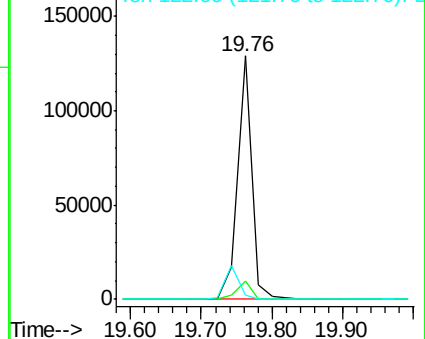
122 1.7 11.0 16.4#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.02 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

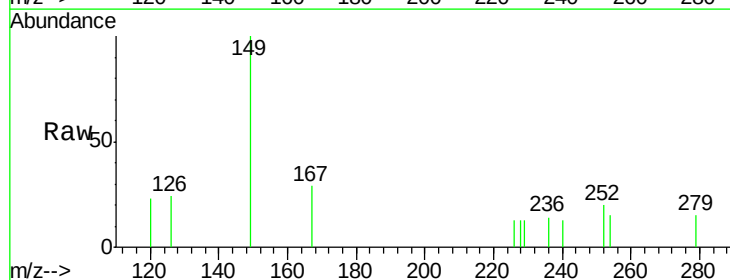
Tgt Ion:149 Resp: 469

Ion Ratio Lower Upper

149 100

167 29.2 19.5 29.3

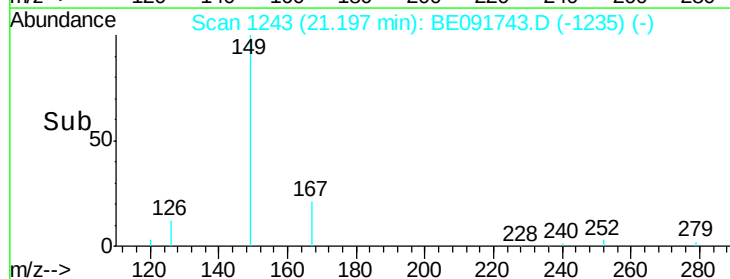
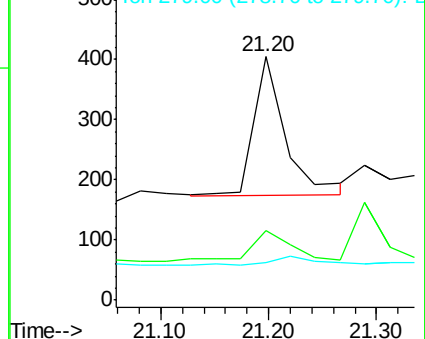
279 0.0 10.0 15.0#

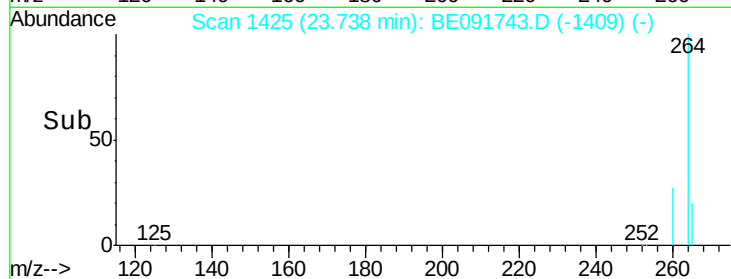
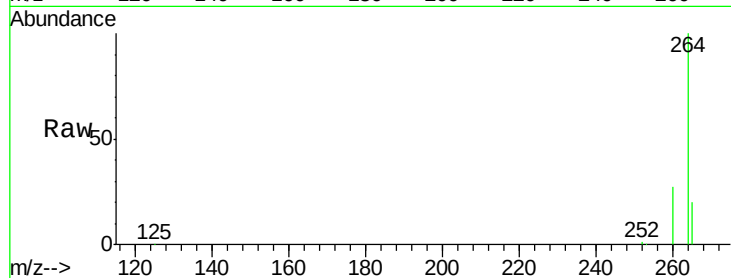
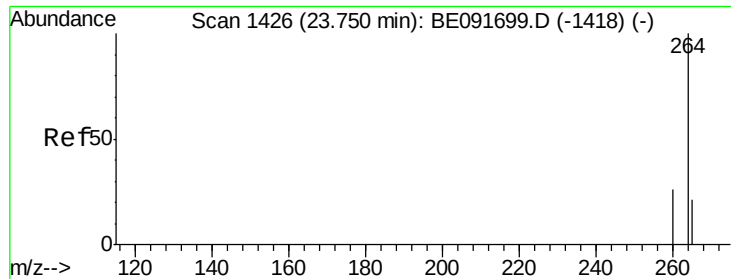


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.74 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BE091743.D

Acq: 3 May 2016 14:52

Instrument :

BNA_E

ClientSampleId :

PB90269BL

Tgt Ion: 264 Resp: 309574

Ion Ratio Lower Upper

264 100

260 26.8 20.0 30.0

265 20.3 17.5 26.3

