

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091625.D
 Acq On : 11 Apr 2016 13:07
 Operator : UM/SJ
 Sample : PB89606BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89606BL

Quant Time: Apr 12 01:45:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

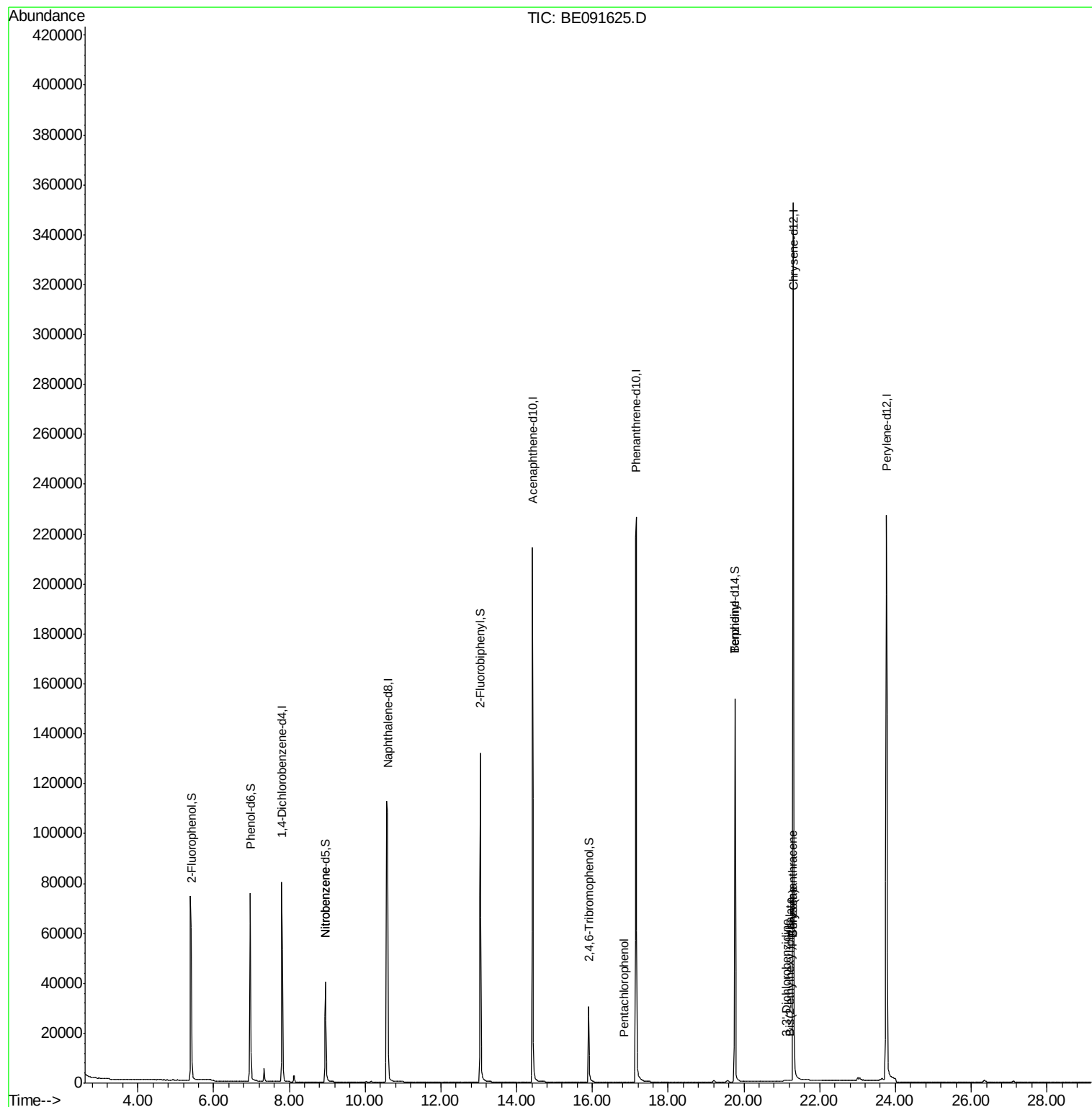
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45968	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	220616	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	132931	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	344044	5.00	ng	0.00
26) Chrysene-d12	21.31	240	419467	5.00	ng	0.00
35) Perylene-d12	23.76	264	356462	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	73812	6.73	ng	0.00
5) Phenol-d6	6.97	99	103618	7.08	ng	0.00
8) Nitrobenzene-d5	8.96	82	40187	3.14	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	26430	5.51	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	137397	3.72	ng	0.00
29) Terphenyl-d14	19.76	244	202710	3.87	ng	0.00
Target Compounds						
9) Nitrobenzene	8.96	77	142	0.18	ng	# 35
22) Pentachlorophenol	16.85	266	47	0.23	ng	# 76
27) Benzidine	19.76	184	3410	0.41	ng	# 90
30) Benzo(a)anthracene	21.29	228	4418	0.05	ng	95
31) 3,3'-Dichlorobenzidine	21.13	252	26	0.16	ng	# 68
32) Chrysene	21.29	228	4452	0.05	ng	97
33) Bis(2-ethylhexyl)phthalate	21.22	149	380	0.27	ng	# 89

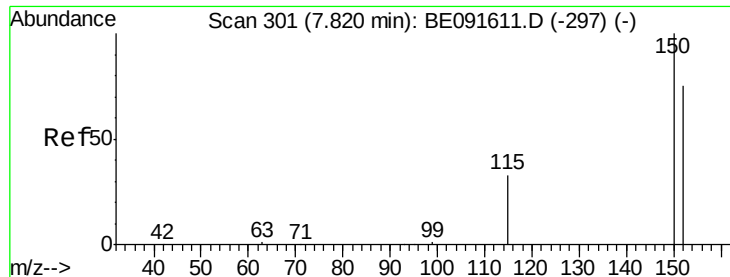
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
Data File : BE091625.D
Acq On : 11 Apr 2016 13:07
Operator : UM/SJ
Sample : PB89606BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB89606BL

Quant Time: Apr 12 01:45:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampled :

PB89606BL

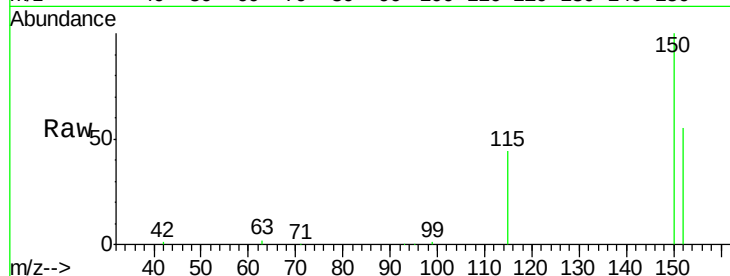
Tgt Ion:152 Resp: 45968

Ion Ratio Lower Upper

152 100

150 182.1 122.6 183.8

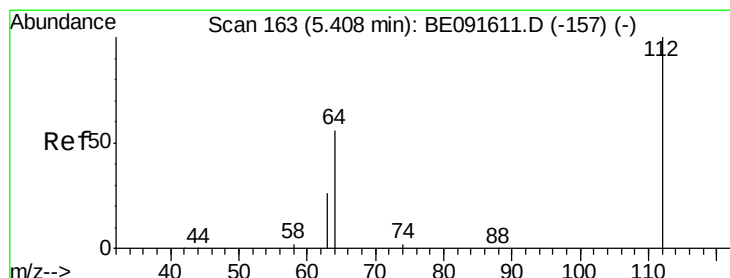
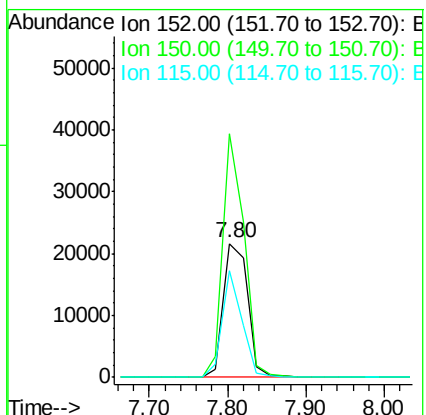
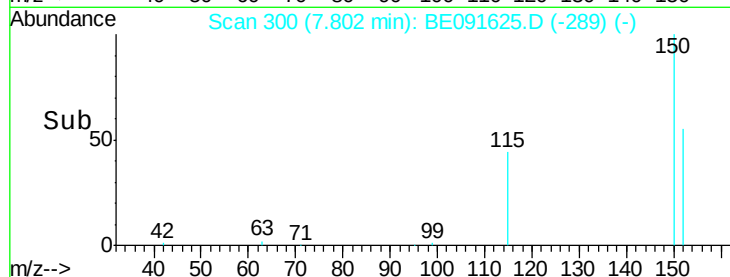
115 79.4 52.8 79.2#



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: 6.73 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

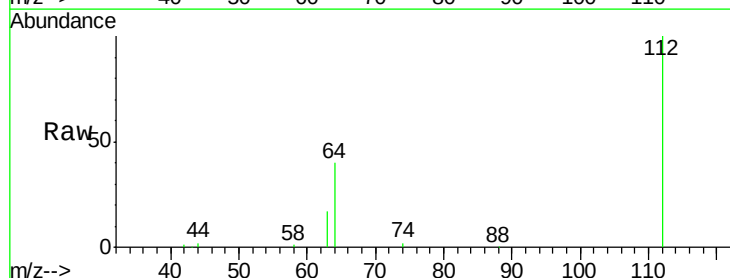
Tgt Ion:112 Resp: 73812

Ion Ratio Lower Upper

112 100

64 68.1 30.9 46.3#

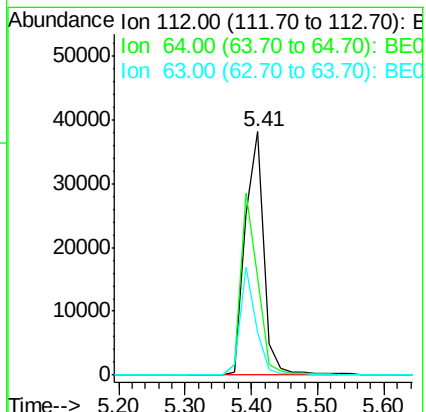
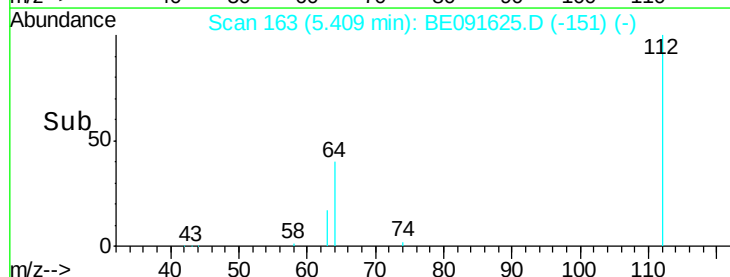
63 37.1 16.7 25.1#

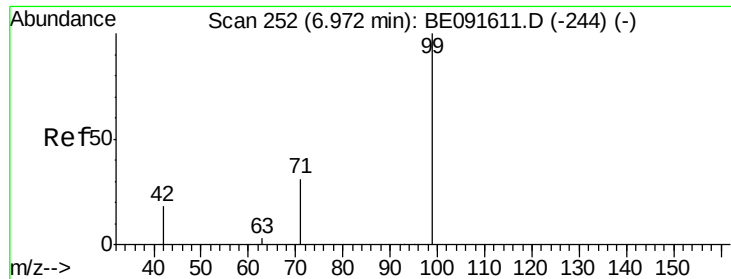


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.08 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

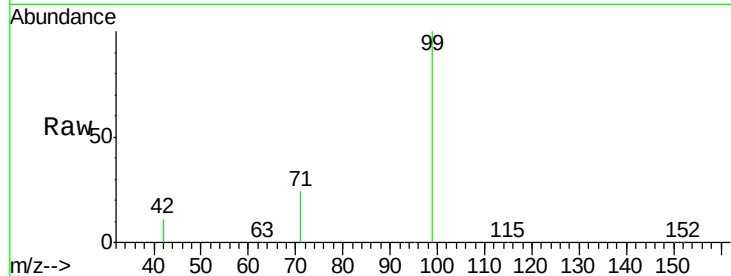
Tgt Ion: 99 Resp: 103618

Ion Ratio Lower Upper

99 100

42 25.2 16.2 24.2#

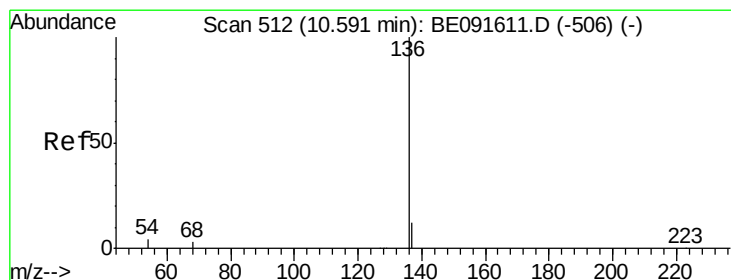
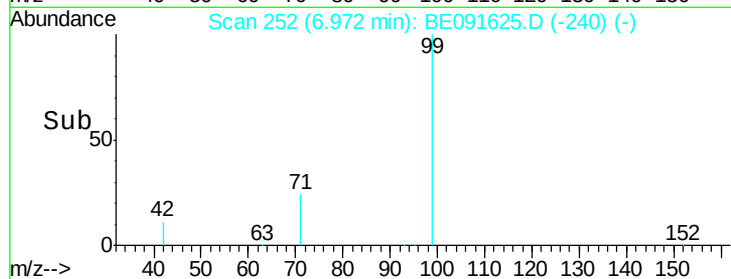
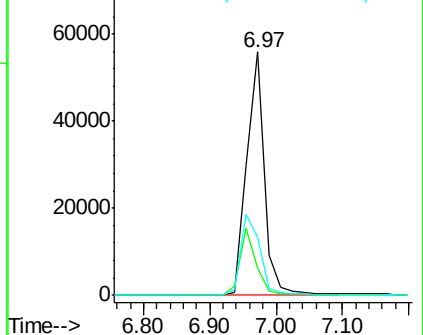
71 35.8 29.0 43.4



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: 10.59 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Tgt Ion: 136 Resp: 220616

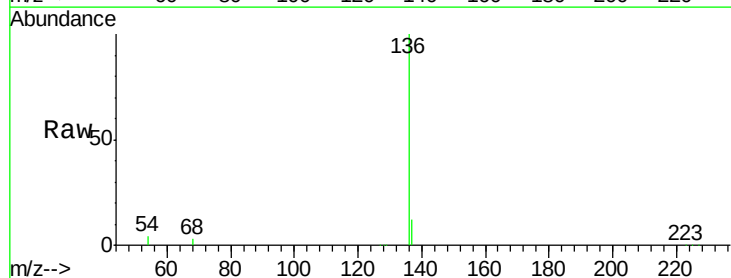
Ion Ratio Lower Upper

136 100

137 12.3 8.9 13.3

54 3.8 8.2 12.4#

68 3.1 6.2 9.4#

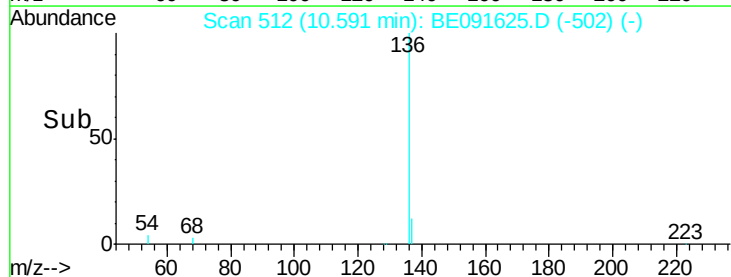
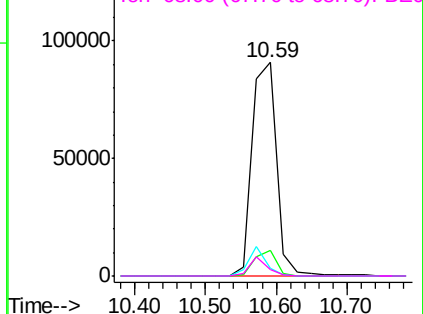


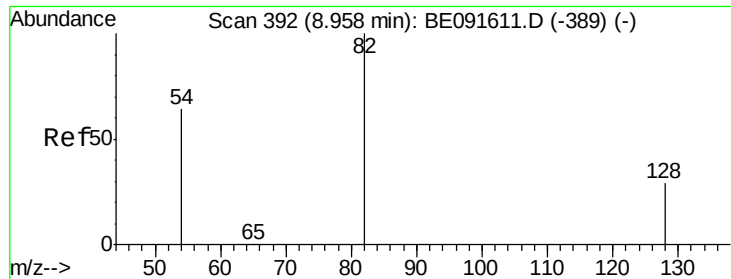
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.14 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

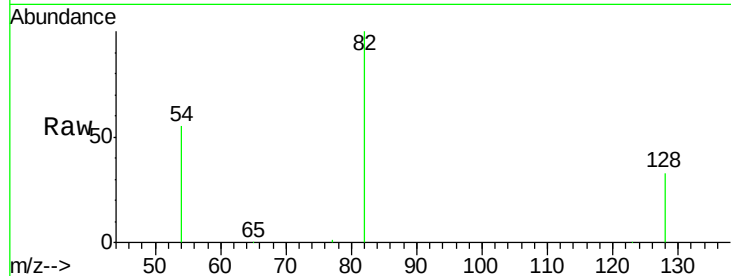
Tgt Ion: 82 Resp: 40187

Ion Ratio Lower Upper

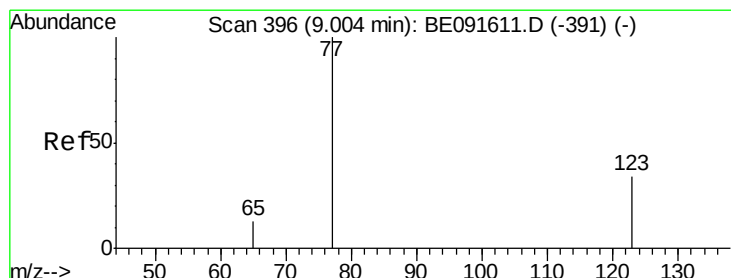
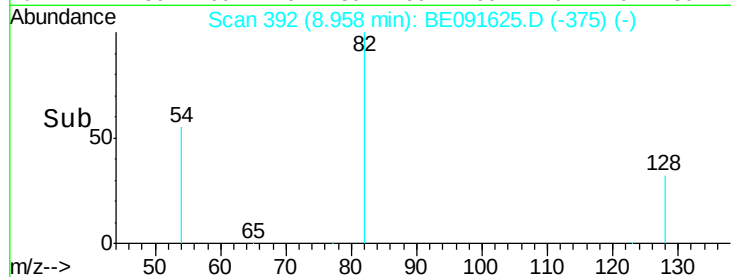
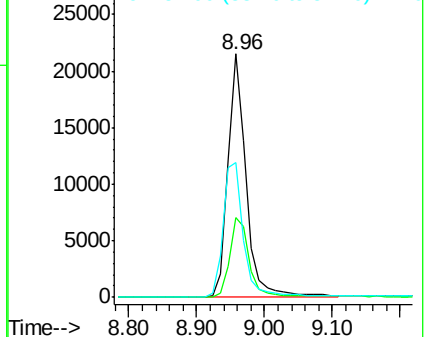
82 100

128 32.6 25.4 38.0

54 55.2 48.4 72.6



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



#9

Nitrobenzene

Concen: 0.18 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.05 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

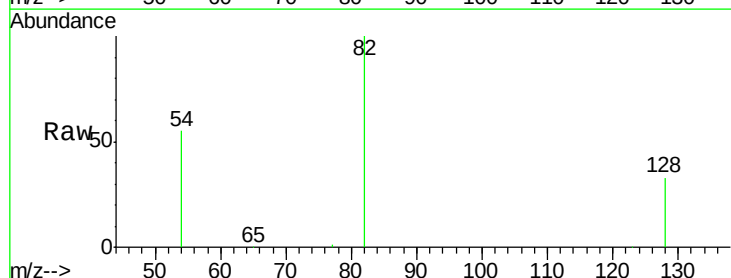
Tgt Ion: 77 Resp: 142

Ion Ratio Lower Upper

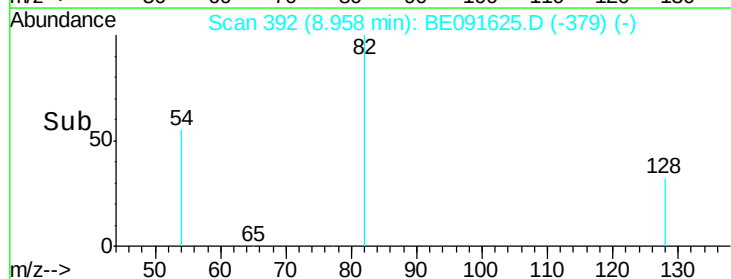
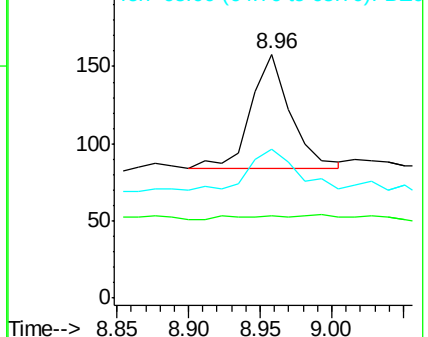
77 100

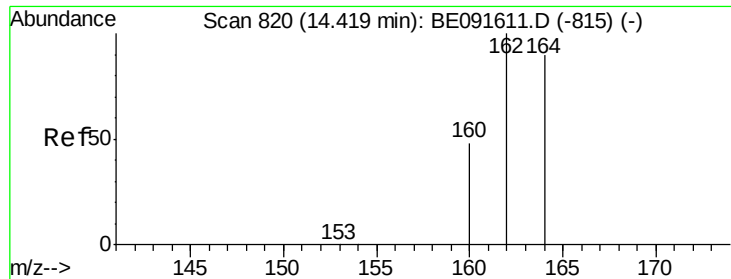
123 0.0 26.9 40.3#

65 43.0 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0

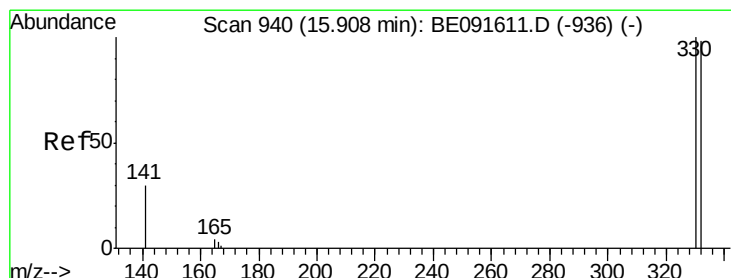
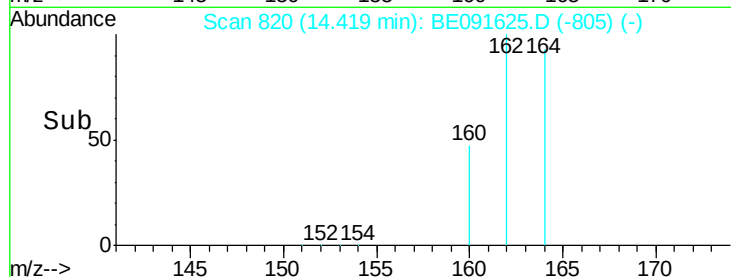
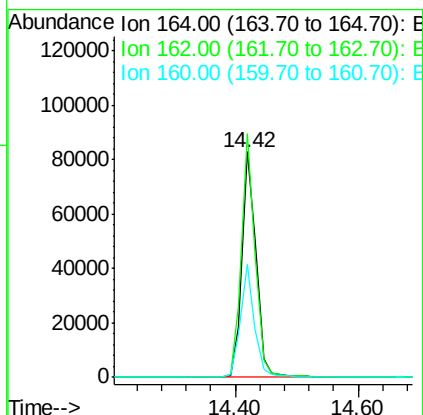
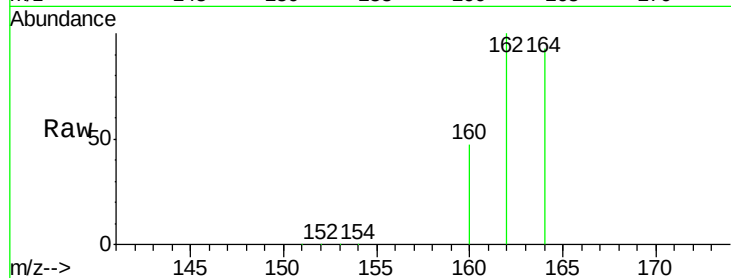




#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE091625.D
 Acq: 11 Apr 2016 13:07

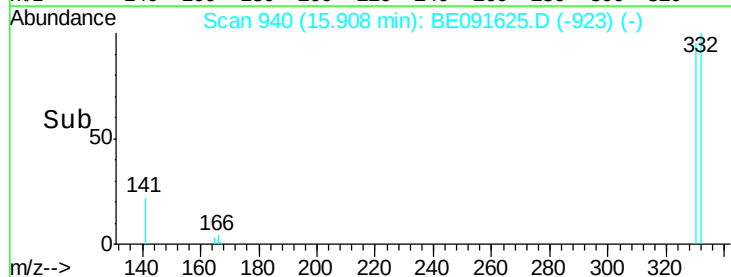
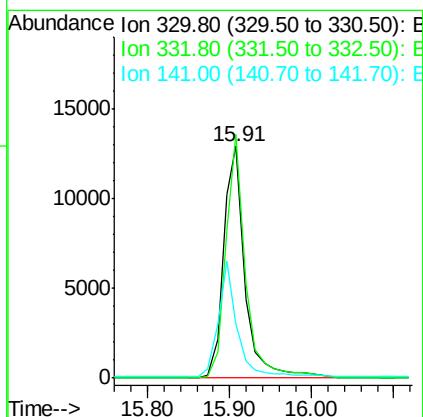
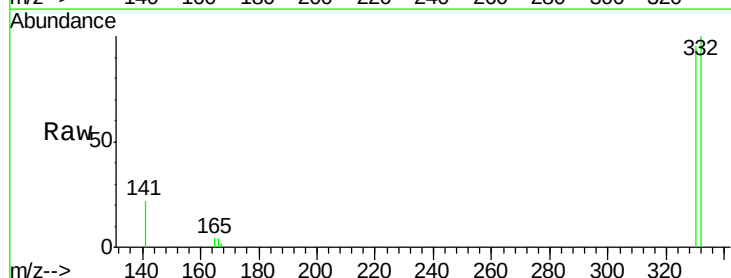
Instrument :
 BNA_E
 ClientSampleId :
 PB89606BL

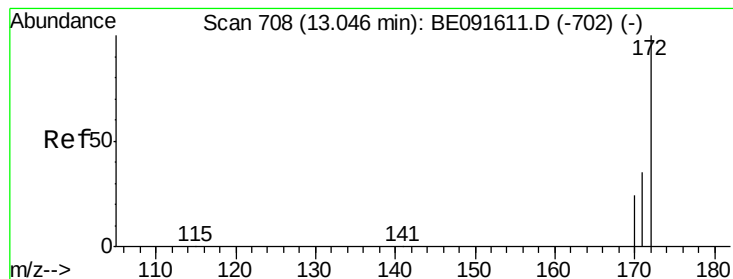
Tgt Ion:164 Resp: 132931
 Ion Ratio Lower Upper
 164 100
 162 108.0 85.3 127.9
 160 50.3 46.2 69.2



#14
 2,4,6-Tribromophenol
 Concen: 5.51 ng
 RT: 15.91 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BE091625.D
 Acq: 11 Apr 2016 13:07

Tgt Ion:330 Resp: 26430
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.1 118.7
 141 43.1 125.4 188.0#





#15

2-Fluorobiphenyl

Concen: 3.72 ng

RT: 13.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

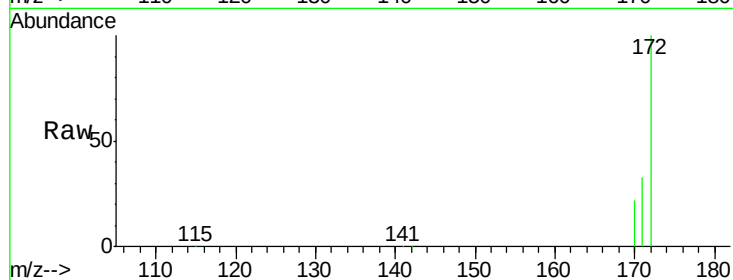
Tgt Ion:172 Resp: 137397

Ion Ratio Lower Upper

172 100

171 33.4 28.8 43.2

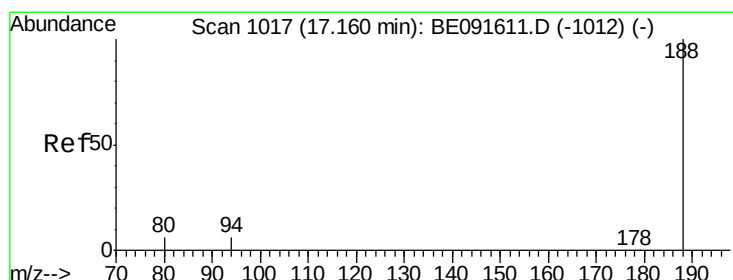
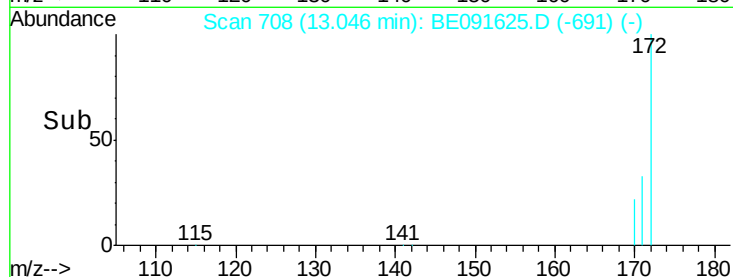
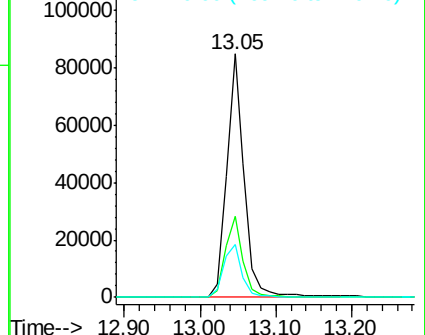
170 22.0 19.3 28.9



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



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

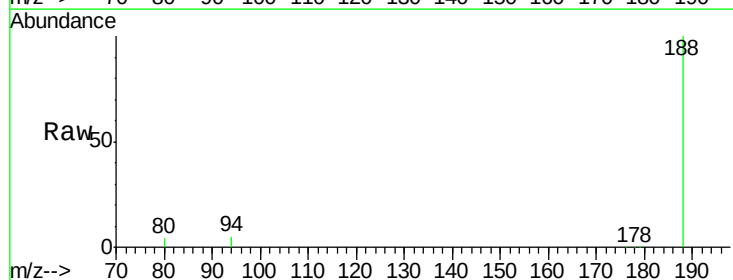
Tgt Ion:188 Resp: 344044

Ion Ratio Lower Upper

188 100

94 5.1 8.7 13.1#

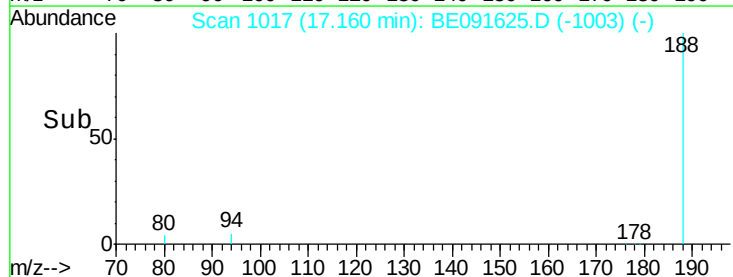
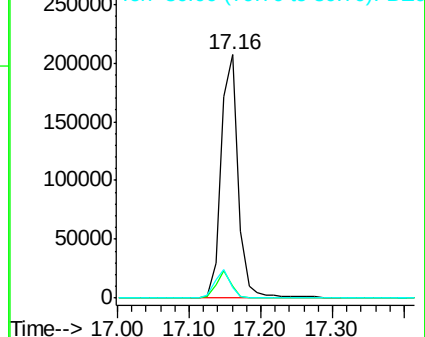
80 4.2 9.4 14.0#

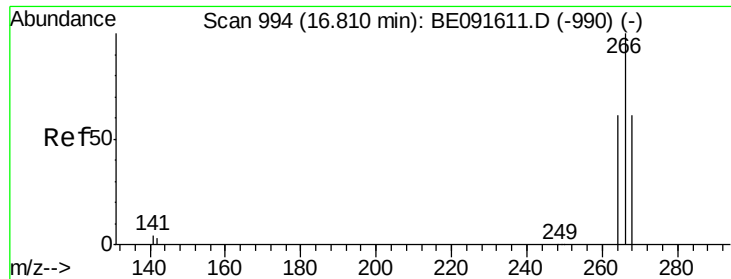


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.23 ng

RT: 16.85 min Scan# 996

Delta R.T. 0.04 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

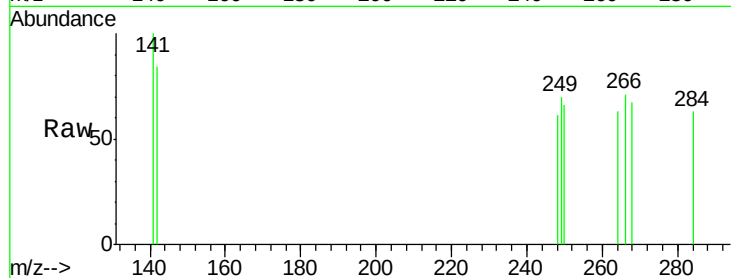
Tgt Ion: 266 Resp: 47

Ion Ratio Lower Upper

266 100

268 94.9 58.2 87.2#

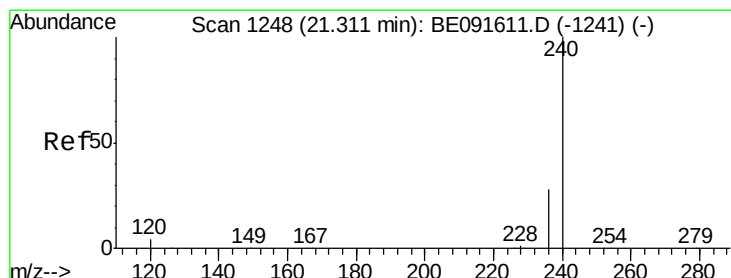
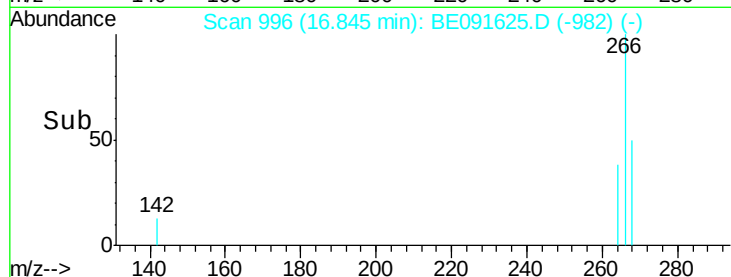
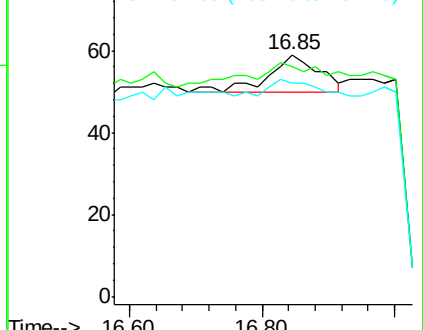
264 88.1 56.2 84.4#



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: BE091625.D

Acq: 11 Apr 2016 13:07

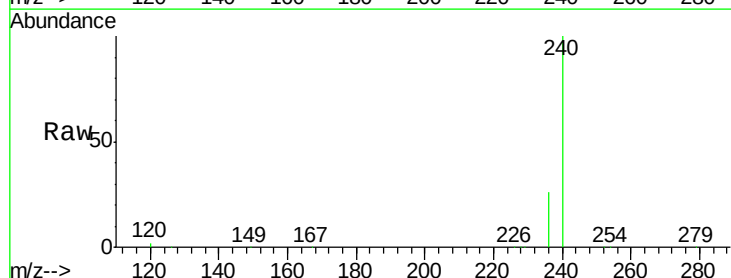
Tgt Ion: 240 Resp: 419467

Ion Ratio Lower Upper

240 100

120 2.4 11.0 16.4#

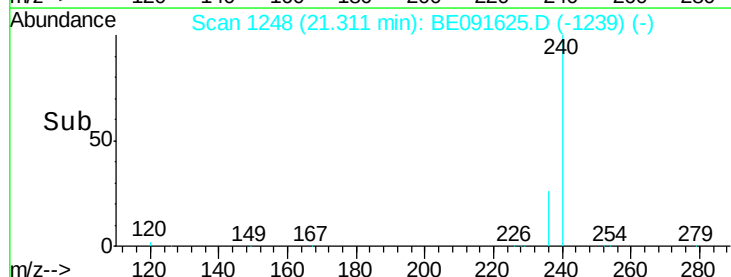
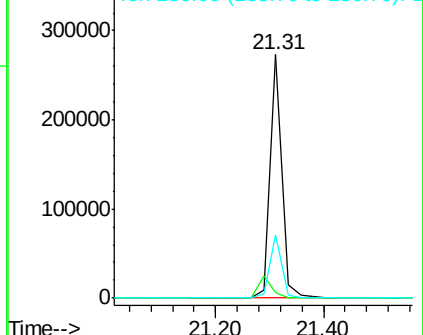
236 26.0 21.7 32.5

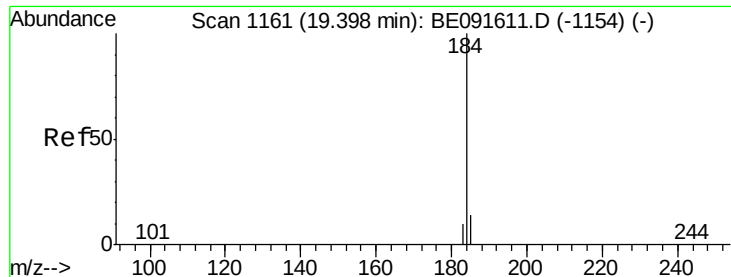


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

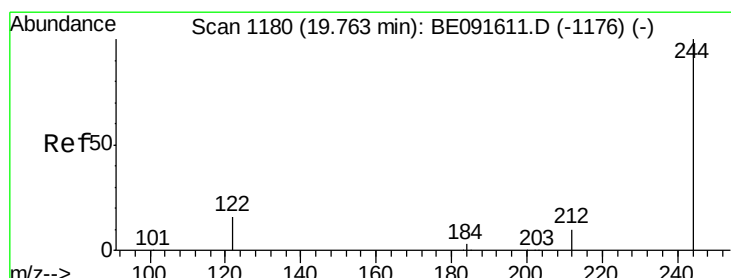
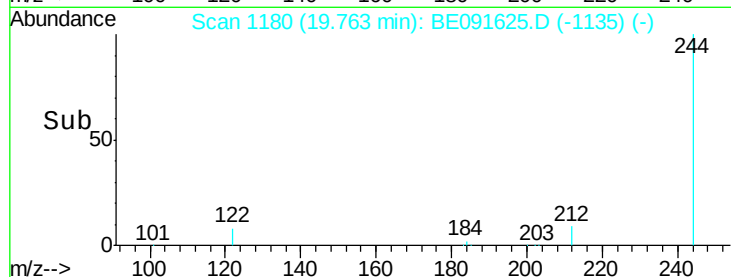
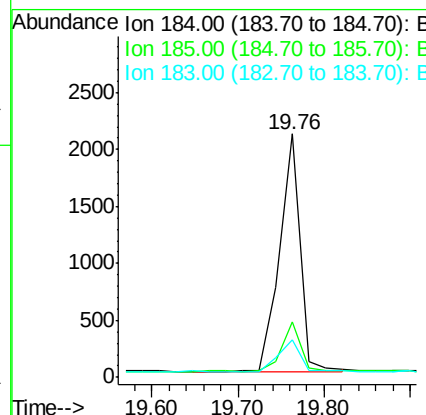
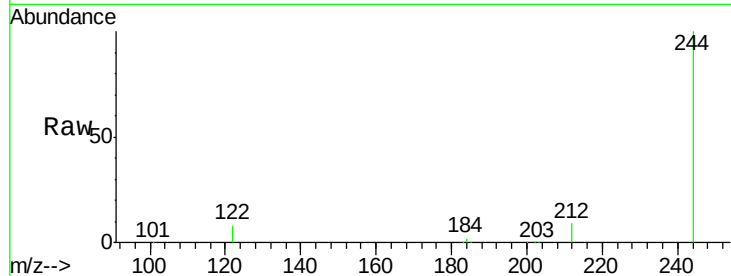




#27
Benzidine
Concen: 0.41 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.37 min
Lab File: BE091625.D
Acq: 11 Apr 2016 13:07

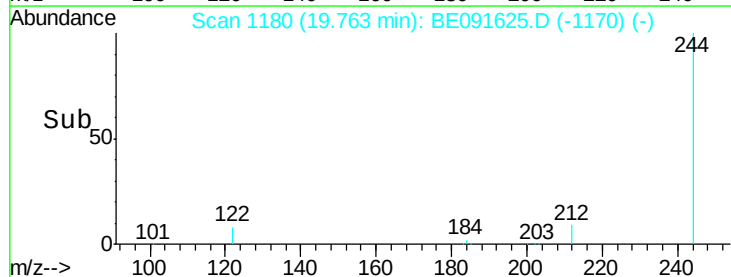
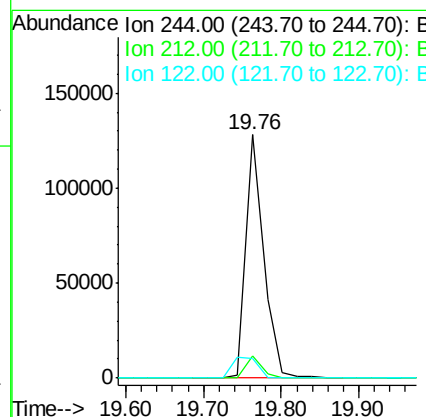
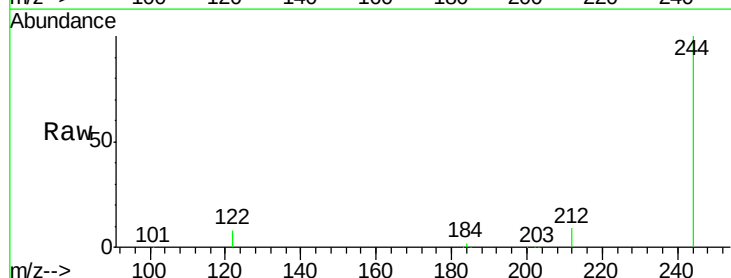
Instrument :
BNA_E
ClientSampleId :
PB89606BL

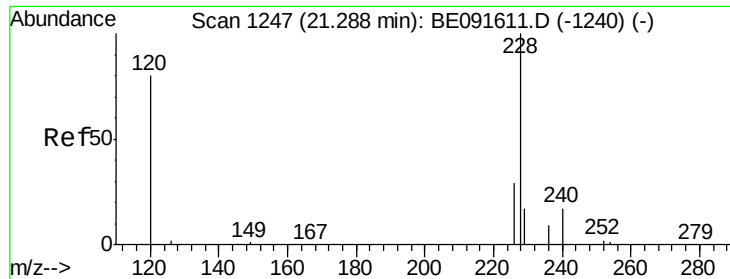
Tgt Ion:184 Resp: 3410
Ion Ratio Lower Upper
184 100
185 23.0 22.3 33.5
183 15.6 16.4 24.6#



#29
Terphenyl-d14
Concen: 3.87 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091625.D
Acq: 11 Apr 2016 13:07

Tgt Ion:244 Resp: 202710
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 8.0 11.0 16.4#





#30

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

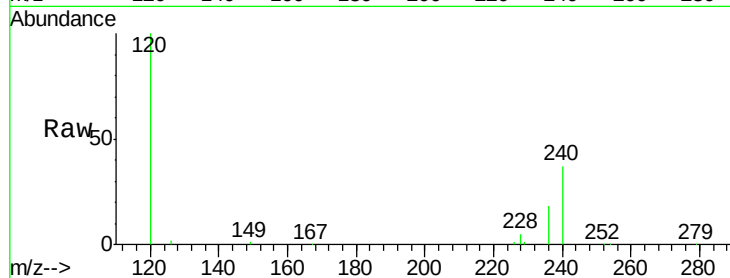
Tgt Ion:228 Resp: 4418

Ion Ratio Lower Upper

228 100

226 28.9 21.0 31.4

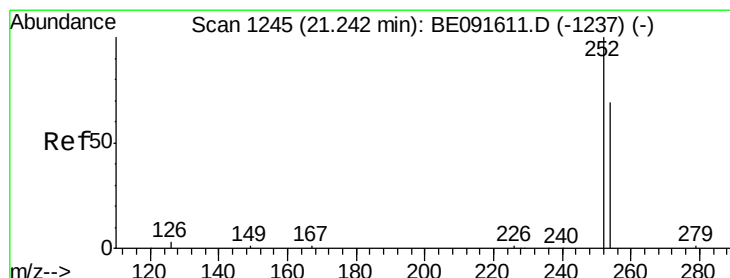
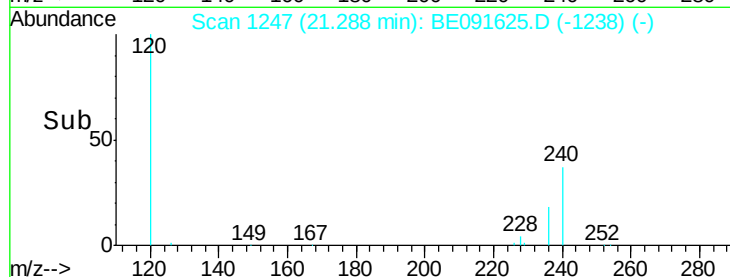
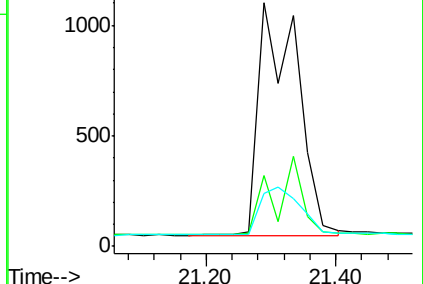
229 21.8 15.7 23.5



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



#31

3,3'-Dichlorobenzidine

Concen: 0.16 ng

RT: 21.13 min Scan# 1240

Delta R.T. -0.12 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

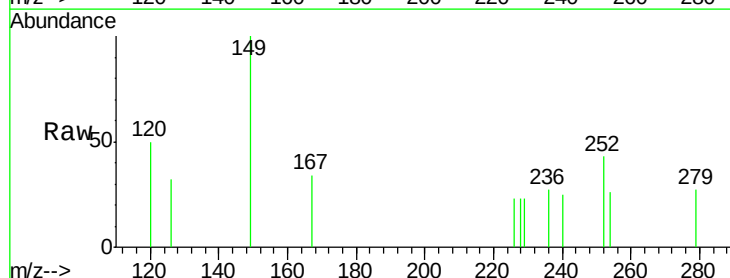
Tgt Ion:252 Resp: 26

Ion Ratio Lower Upper

252 100

254 59.8 51.1 76.7

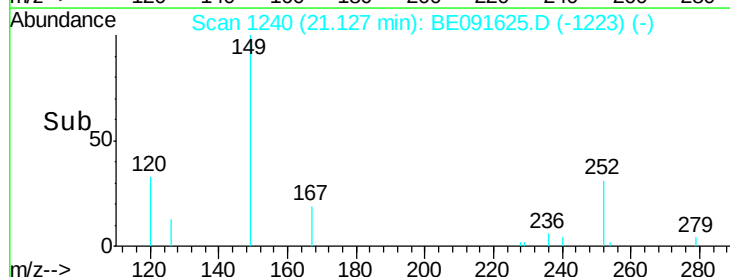
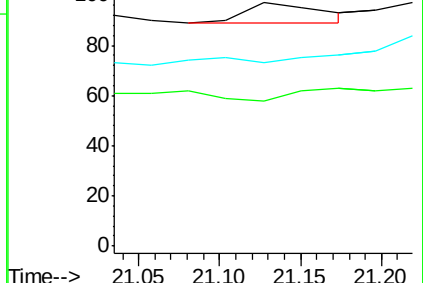
126 75.3 12.6 18.8#

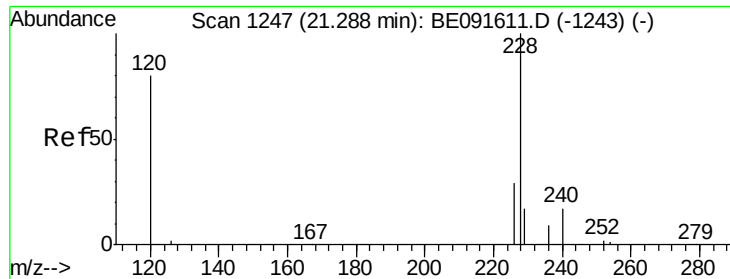


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.05 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.07 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampled :

PB89606BL

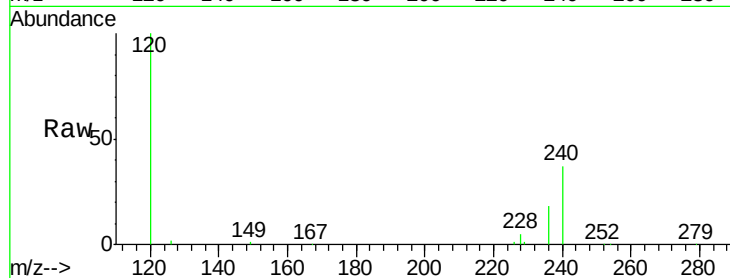
Tgt Ion:228 Resp: 4452

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

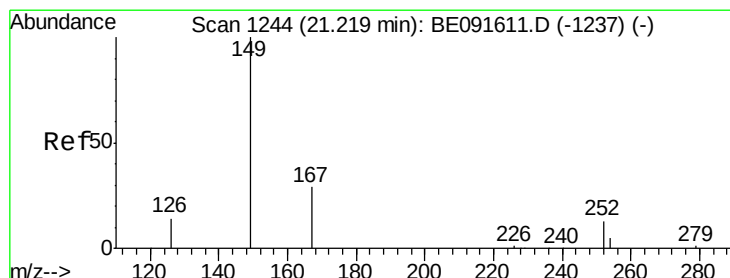
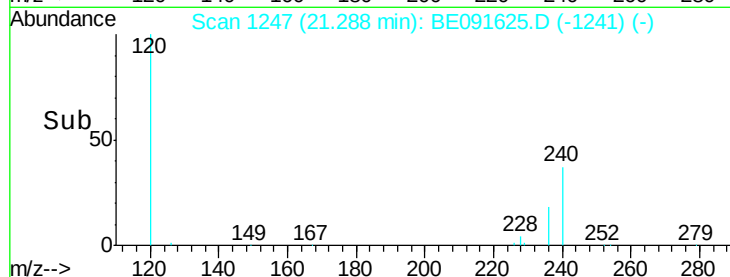
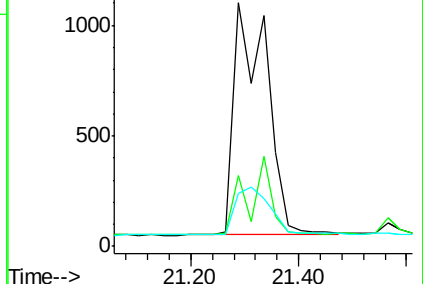
229 21.8 15.9 23.9



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: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

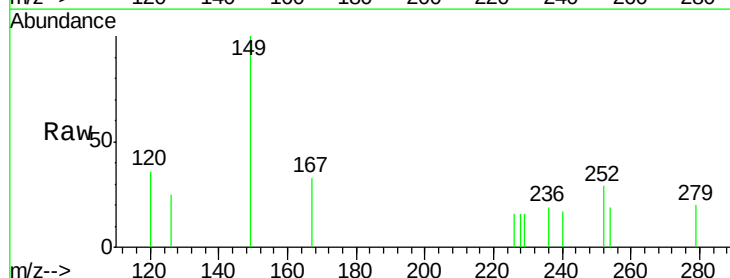
Tgt Ion:149 Resp: 380

Ion Ratio Lower Upper

149 100

167 17.1 19.5 29.3#

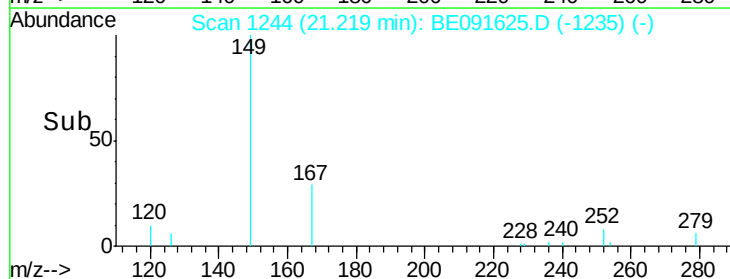
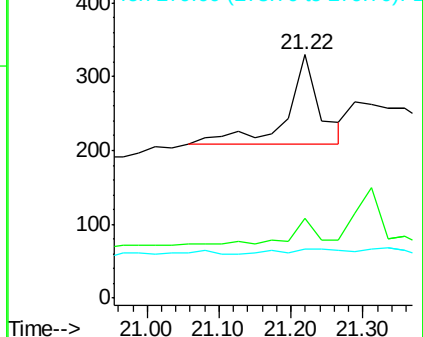
279 10.5 10.0 15.0

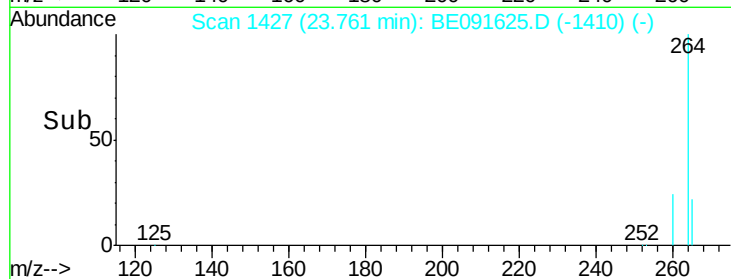
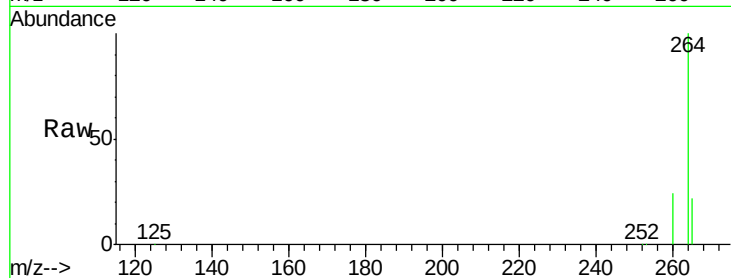
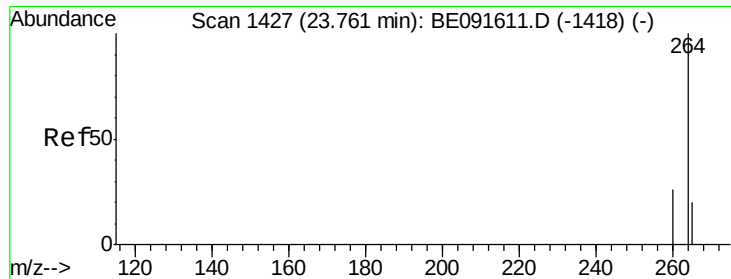


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.76 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BE091625.D

Acq: 11 Apr 2016 13:07

Instrument :

BNA_E

ClientSampleId :

PB89606BL

Tgt Ion: 264 Resp: 356462

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 22.4 17.5 26.3

