

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041216\
 Data File : BE091646.D
 Acq On : 12 Apr 2016 11:14
 Operator : UM/SJ
 Sample : PB89639BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89639BL

Quant Time: Apr 13 01:02:44 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

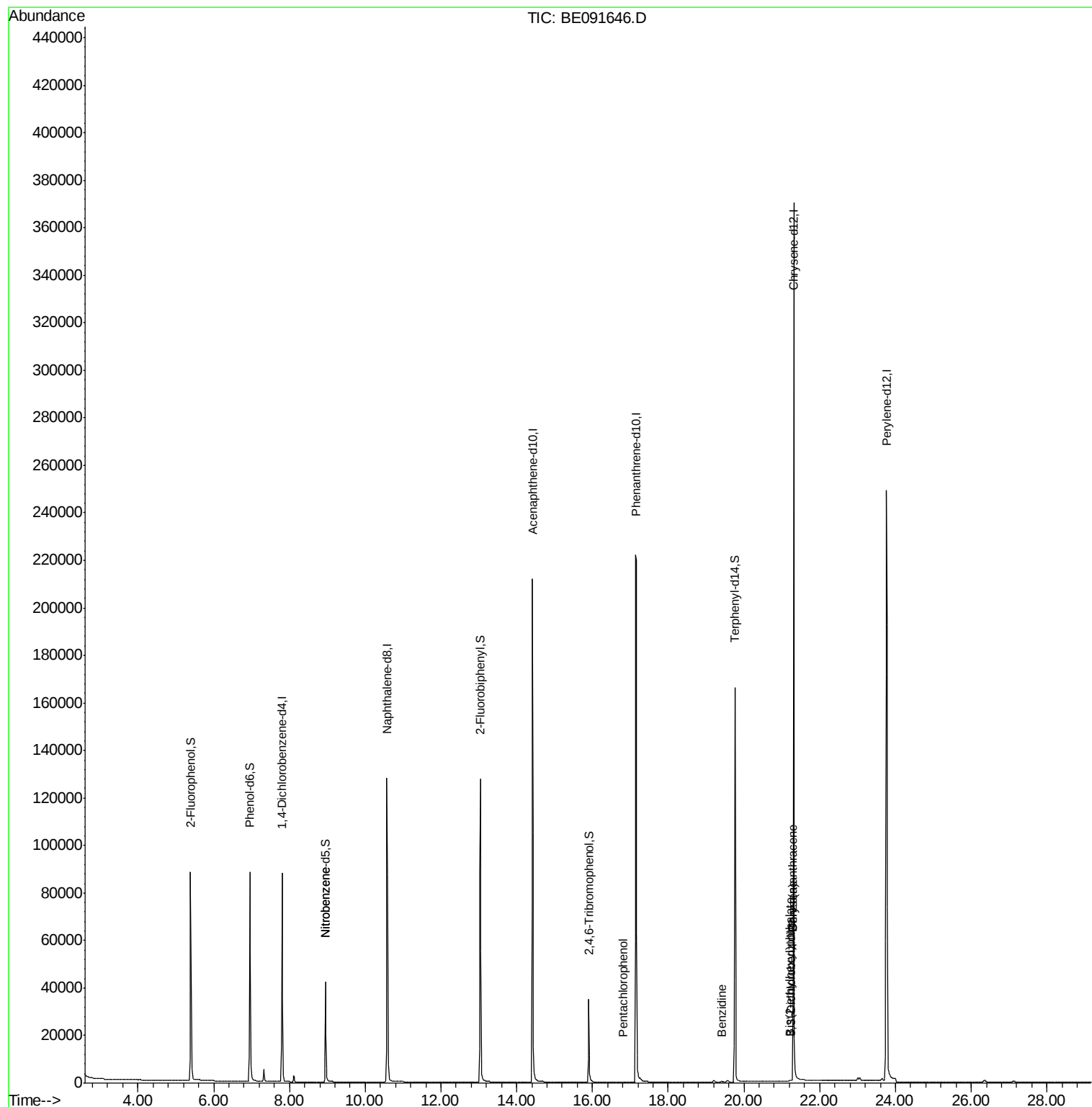
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	44785	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	215644	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	134167	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	342730	5.00	ng	0.00
26) Chrysene-d12	21.31	240	437882	5.00	ng	0.00
35) Perylene-d12	23.76	264	377689	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	73378	6.87	ng	-0.02
5) Phenol-d6	6.95	99	106231	7.46	ng	-0.02
8) Nitrobenzene-d5	8.96	82	43149	3.44	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	31439	6.45	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	135343	3.63	ng	0.00
29) Terphenyl-d14	19.76	244	213744	3.91	ng	0.00
Target Compounds						
9) Nitrobenzene	8.96	77	167	0.18	ng	# 33
22) Pentachlorophenol	16.81	266	103	0.24	ng	# 83
27) Benzidine	19.42	184	456	0.34	ng	# 52
30) Benzo(a)anthracene	21.29	228	4776	0.05	ng	95
31) 3,3'-Dichlorobenzidine	21.24	252	108	0.17	ng	# 68
32) Chrysene	21.29	228	4829	0.05	ng	98
33) Bis(2-ethylhexyl)phthalate	21.22	149	312	0.27	ng	# 93

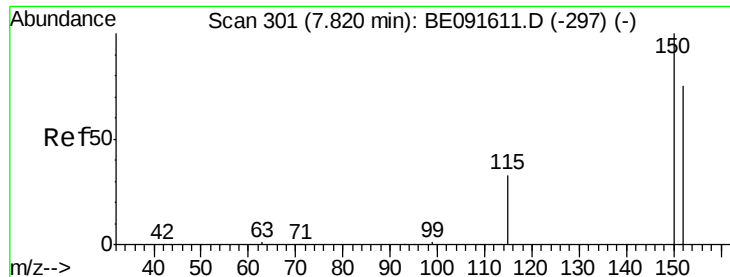
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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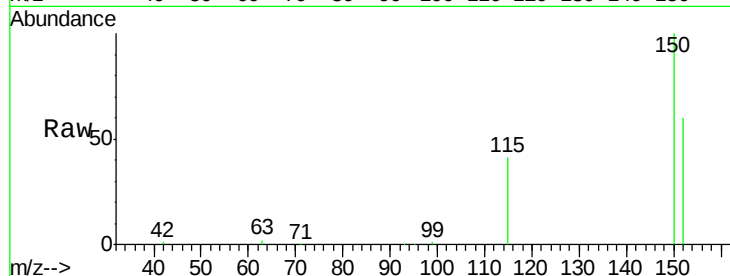




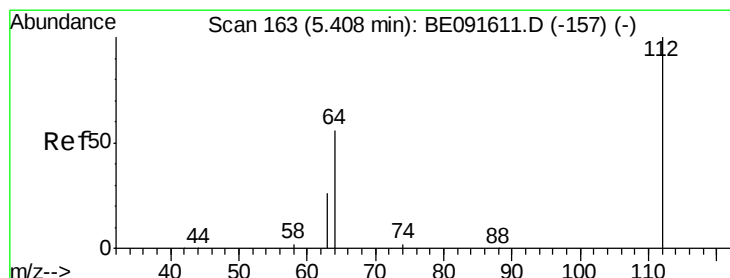
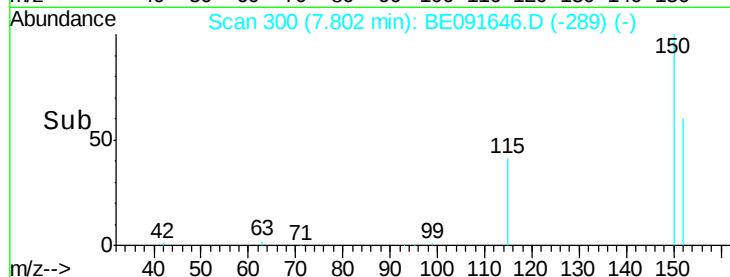
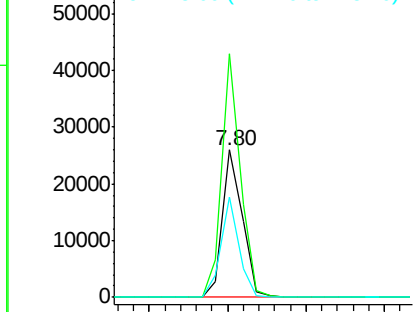
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.80 min Scan# 300
 Delta R.T. -0.02 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

Instrument :
 BNA_E
 ClientSampleId :
 PB89639BL

Tgt Ion:152 Resp: 44785
 Ion Ratio Lower Upper
 152 100
 150 165.6 122.6 183.8
 115 68.2 52.8 79.2

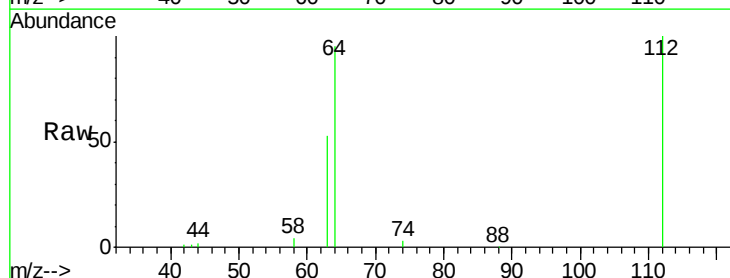


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

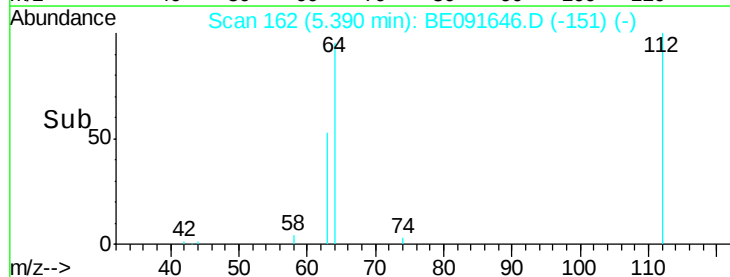
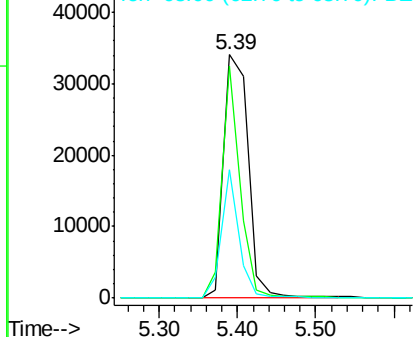


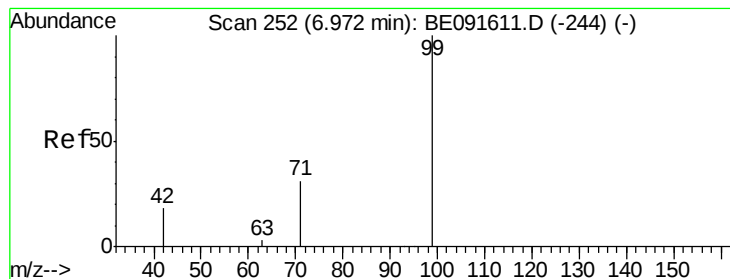
#4
 2-Fluorophenol
 Concen: 6.87 ng
 RT: 5.39 min Scan# 162
 Delta R.T. -0.02 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

Tgt Ion:112 Resp: 73378
 Ion Ratio Lower Upper
 112 100
 64 69.1 30.9 46.3#
 63 37.2 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: 7.46 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

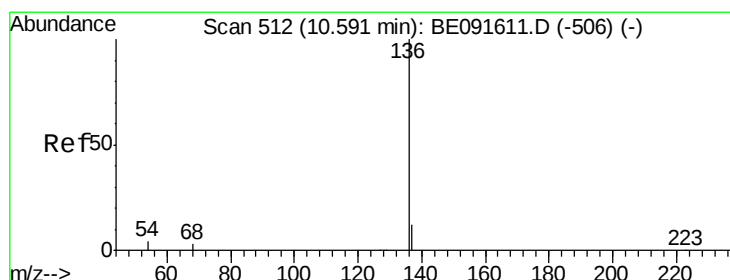
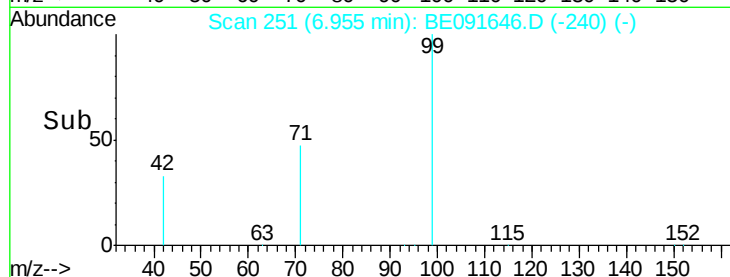
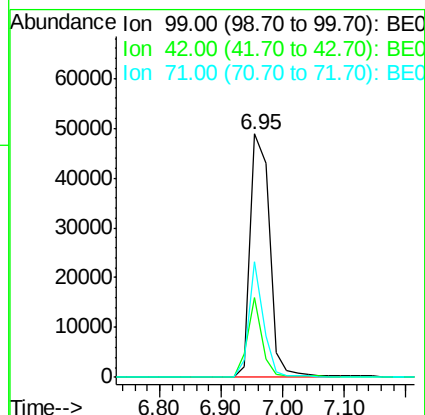
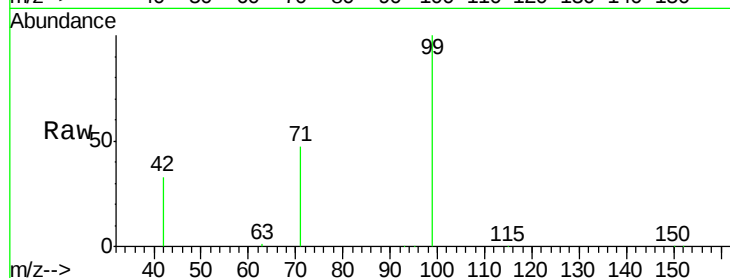
Tgt Ion: 99 Resp: 106231

Ion Ratio Lower Upper

99 100

42 24.9 16.2 24.2#

71 36.0 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Tgt Ion: 136 Resp: 215644

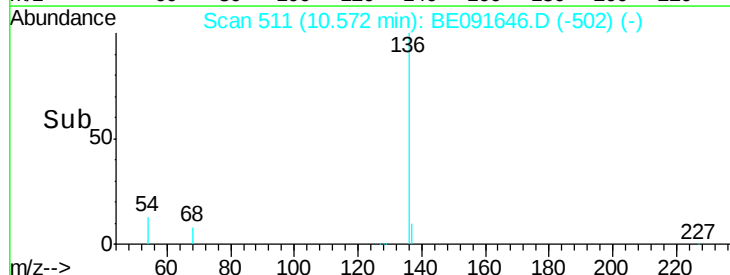
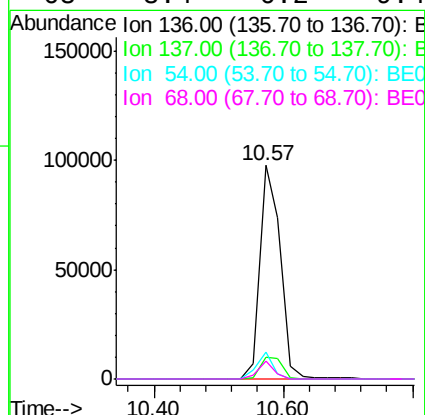
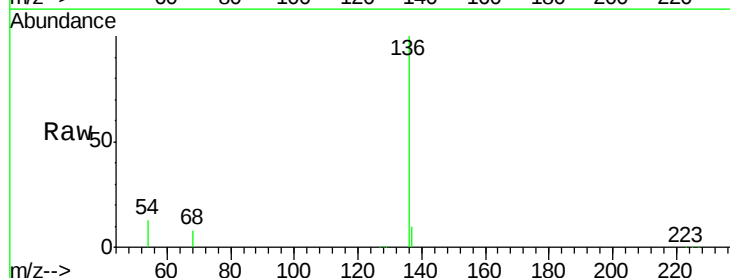
Ion Ratio Lower Upper

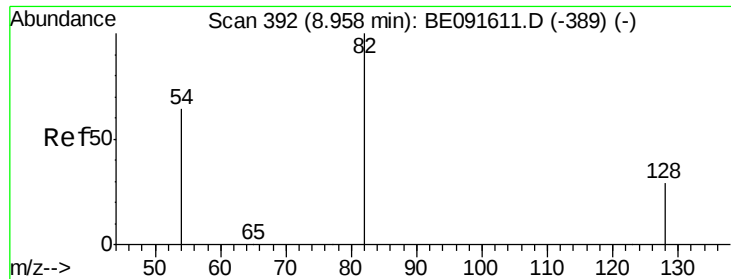
136 100

137 9.9 8.9 13.3

54 12.6 8.2 12.4#

68 8.4 6.2 9.4

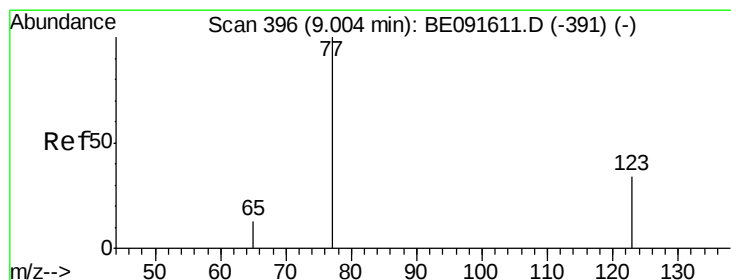
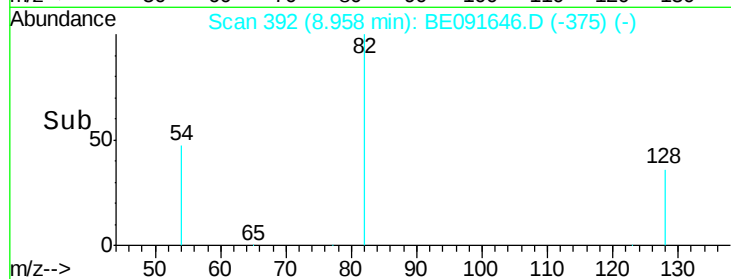
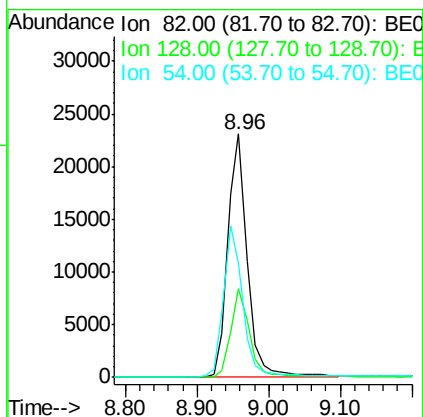
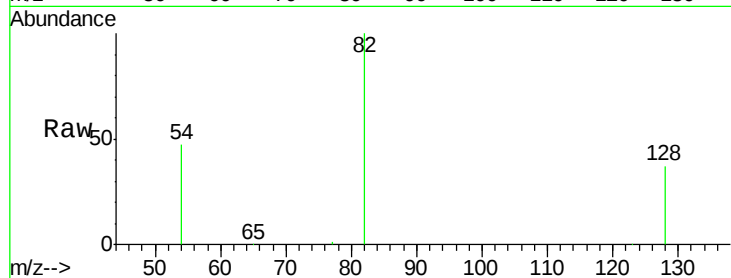




#8
 Nitrobenzene-d5
 Concen: 3.44 ng
 RT: 8.96 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

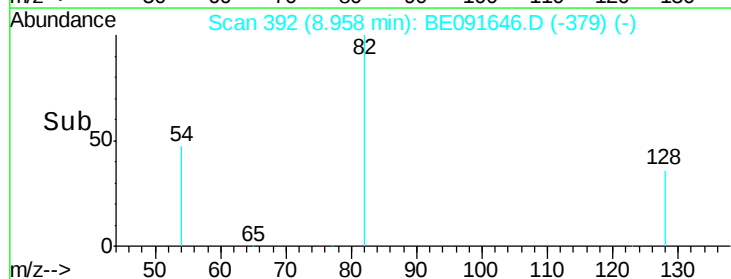
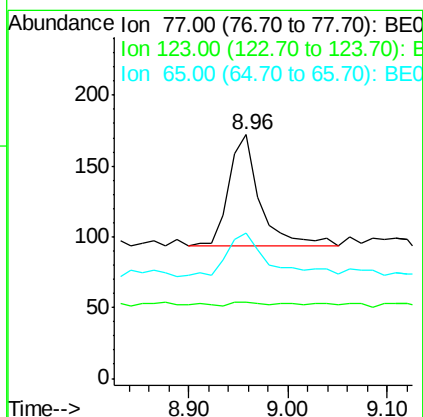
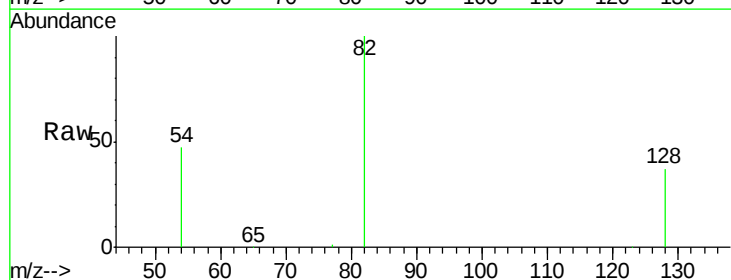
Instrument :
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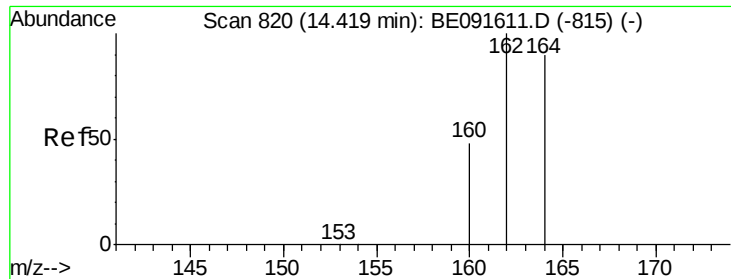
Tgt Ion: 82 Resp: 43149
 Ion Ratio Lower Upper
 82 100
 128 36.5 25.4 38.0
 54 46.8 48.4 72.6#



#9
 Nitrobenzene
 Concen: 0.18 ng
 RT: 8.96 min Scan# 392
 Delta R.T. -0.05 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

Tgt Ion: 77 Resp: 167
 Ion Ratio Lower Upper
 77 100
 123 3.6 26.9 40.3#
 65 53.9 9.4 14.2#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

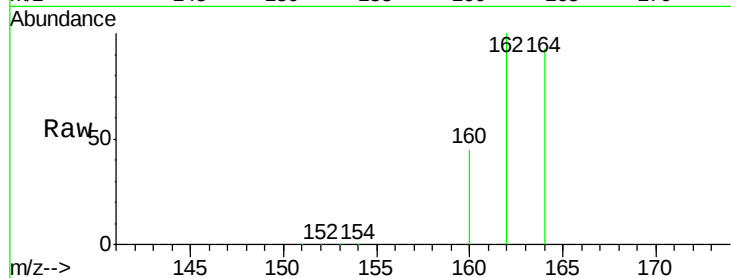
Tgt Ion:164 Resp: 134167

Ion Ratio Lower Upper

164 100

162 107.2 85.3 127.9

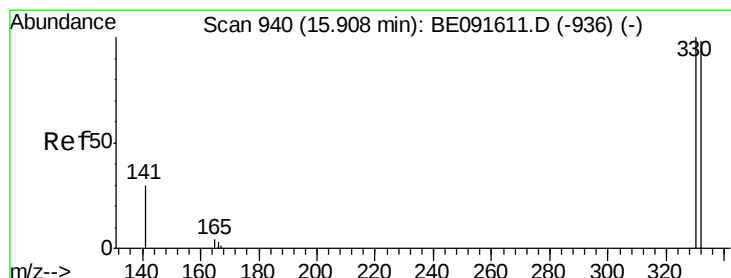
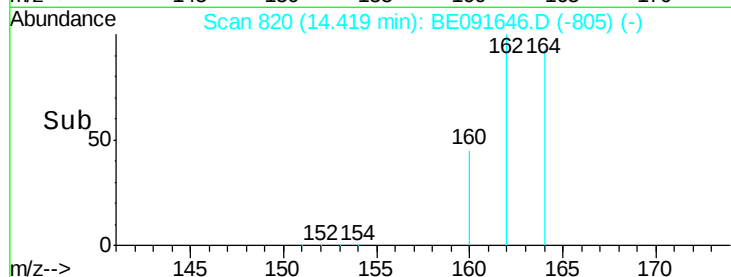
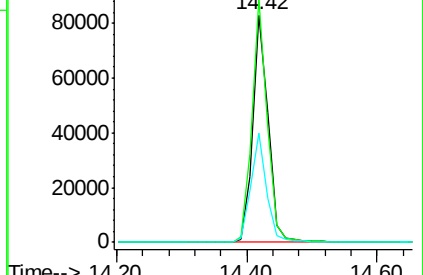
160 48.0 46.2 69.2



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



#14

2,4,6-Tribromophenol

Concen: 6.45 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

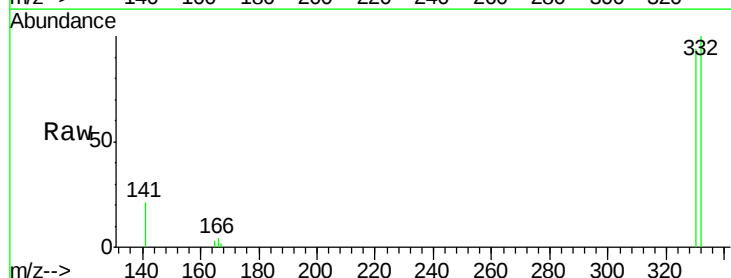
Tgt Ion:330 Resp: 31439

Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

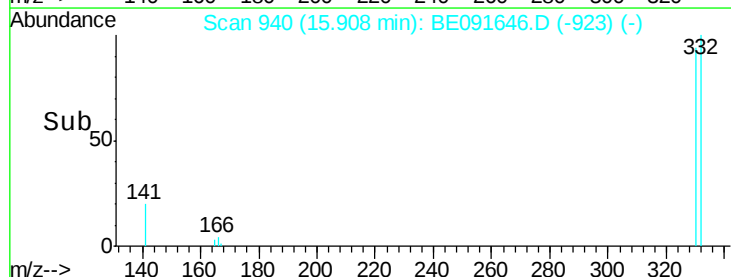
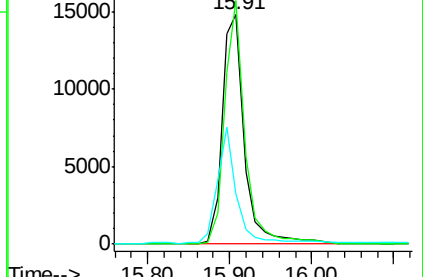
141 43.2 125.4 188.0#

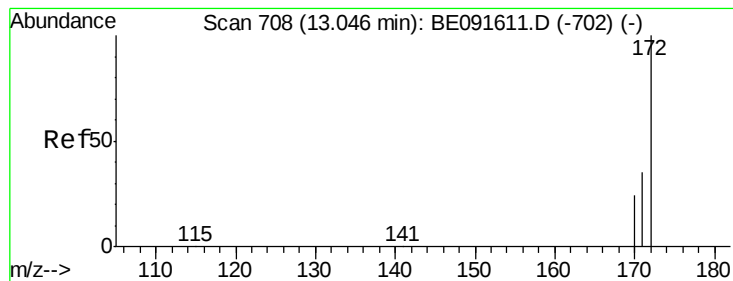


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

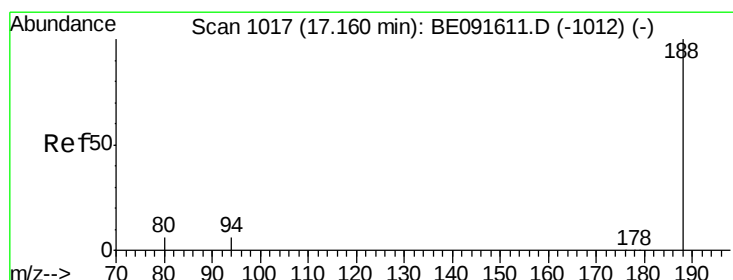
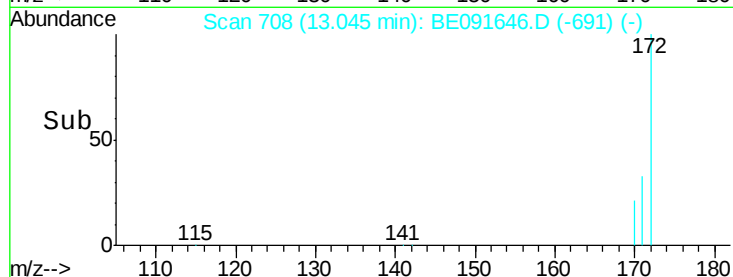
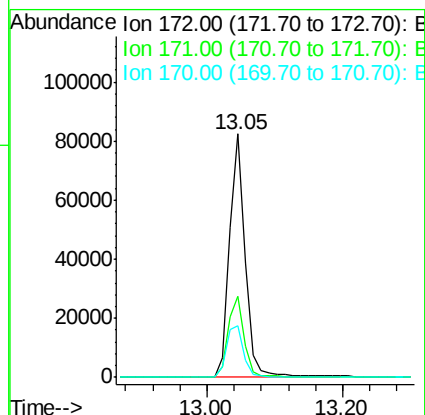
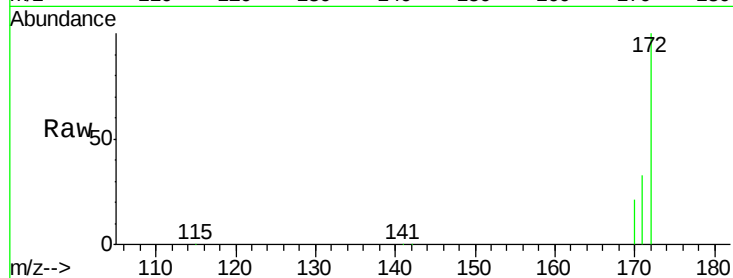




#15
 2-Fluorobiphenyl
 Concen: 3.63 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

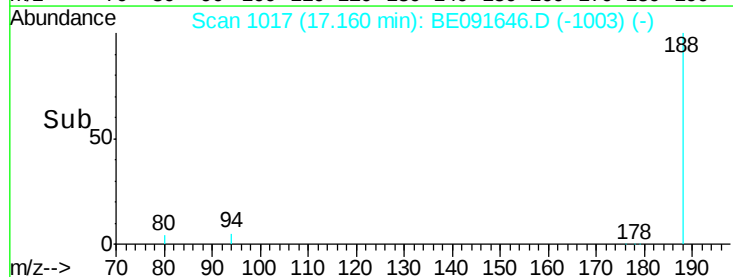
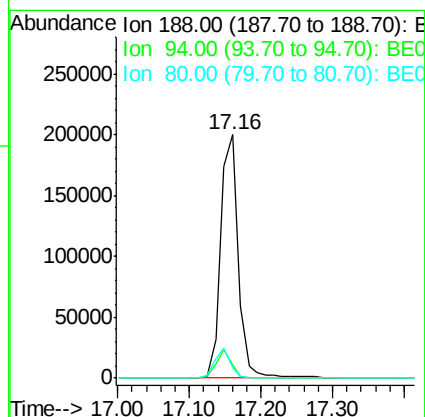
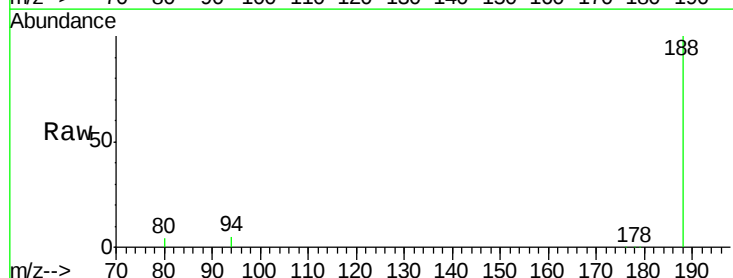
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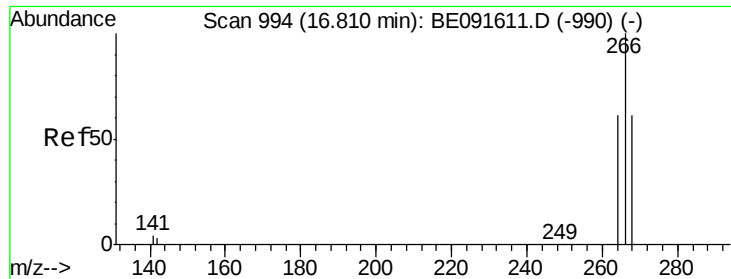
Tgt Ion:172 Resp: 135343
 Ion Ratio Lower Upper
 172 100
 171 33.1 28.8 43.2
 170 21.3 19.3 28.9



#19
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.16 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

Tgt Ion:188 Resp: 342730
 Ion Ratio Lower Upper
 188 100
 94 5.2 8.7 13.1#
 80 4.4 9.4 14.0#





#22

Pentachlorophenol

Concen: 0.24 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

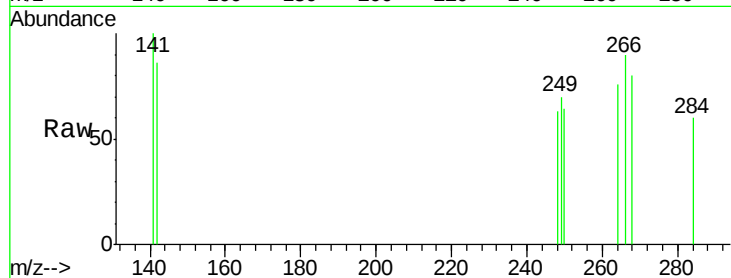
Tgt Ion:266 Resp: 103

Ion Ratio Lower Upper

266 100

268 88.0 58.2 87.2#

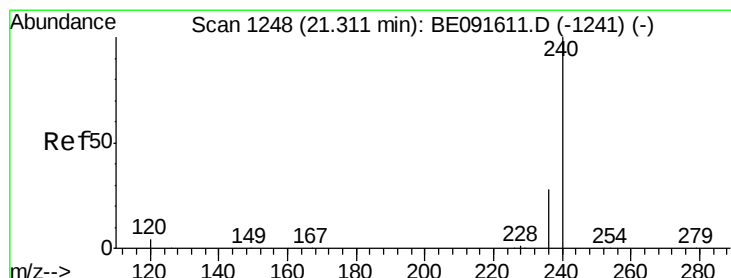
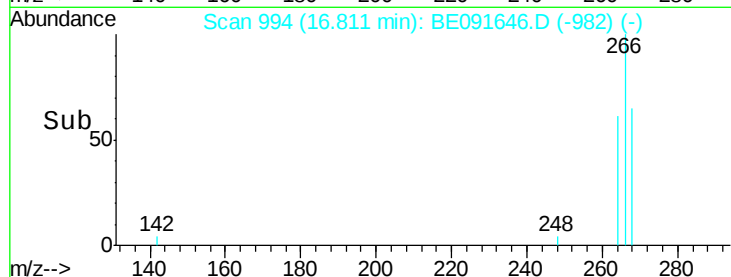
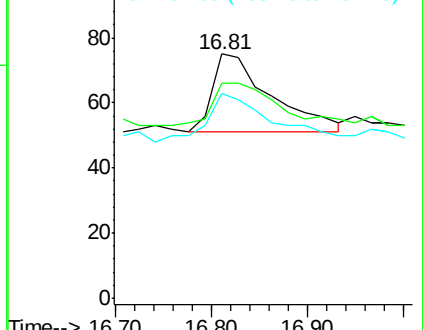
264 84.0 56.2 84.4



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: BE091646.D

Acq: 12 Apr 2016 11:14

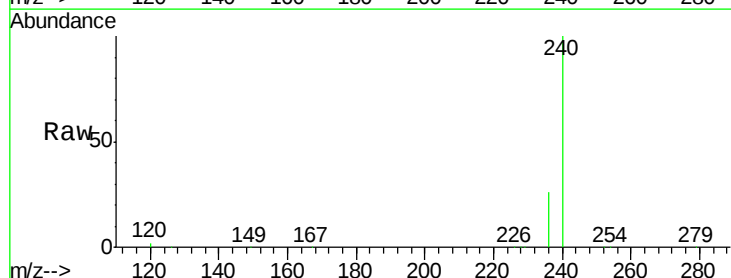
Tgt Ion:240 Resp: 437882

Ion Ratio Lower Upper

240 100

120 2.1 11.0 16.4#

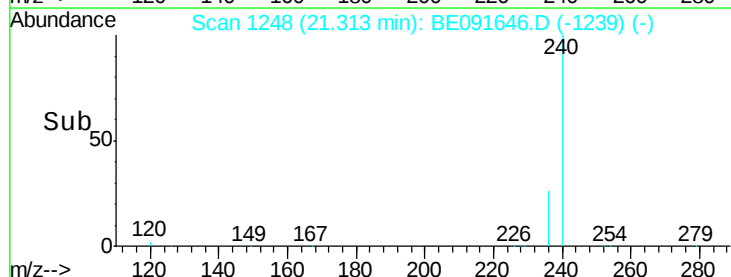
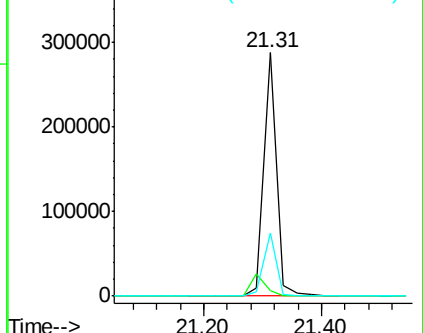
236 25.8 21.7 32.5

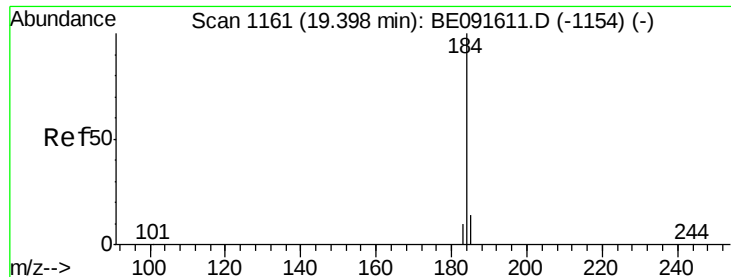


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.34 ng

RT: 19.42 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BE091646.D

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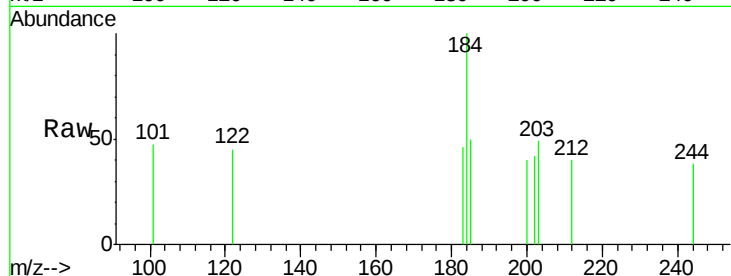
Tgt Ion:184 Resp: 456

Ion Ratio Lower Upper

184 100

185 50.4 22.3 33.5#

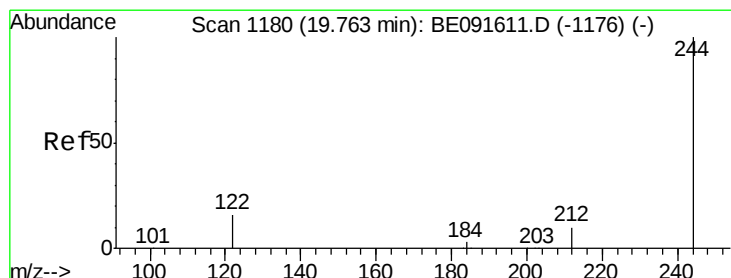
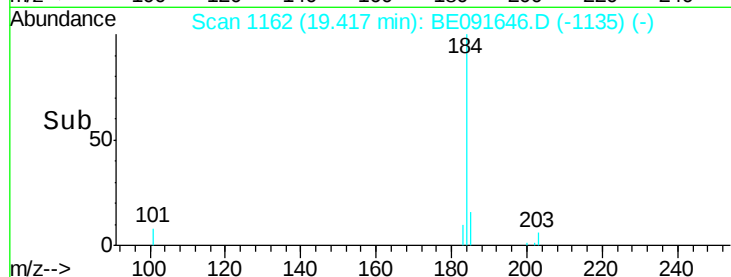
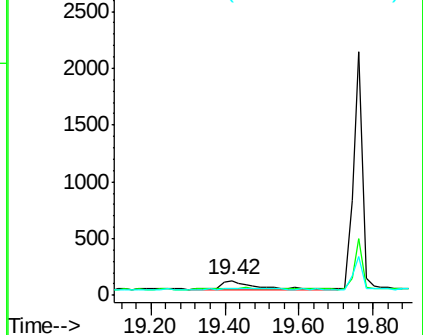
183 45.7 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#29

Terphenyl-d14

Concen: 3.91 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

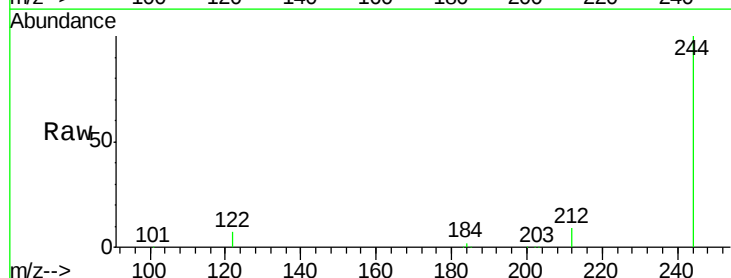
Tgt Ion:244 Resp: 213744

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

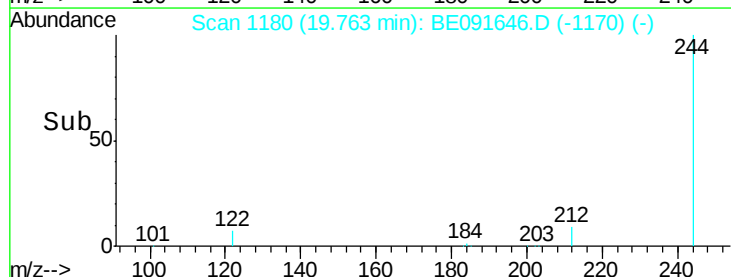
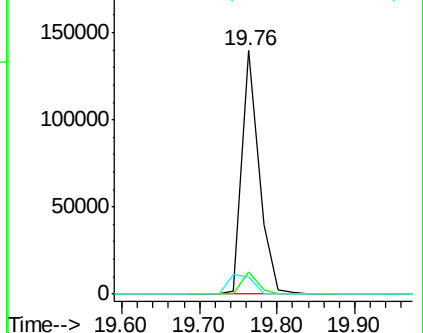
122 6.9 11.0 16.4#

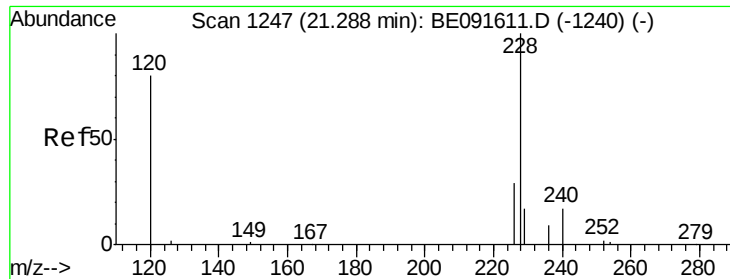


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

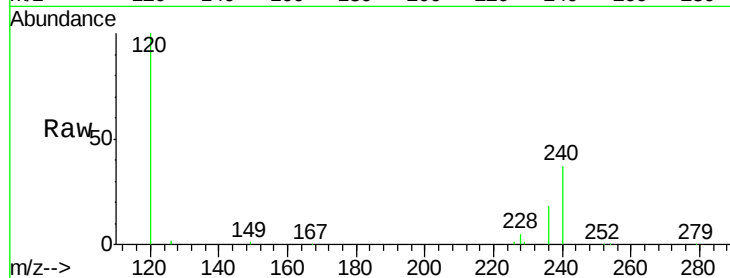
Tgt Ion:228 Resp: 4776

Ion Ratio Lower Upper

228 100

226 29.2 21.0 31.4

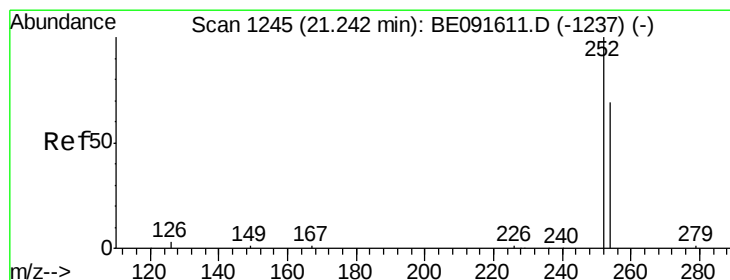
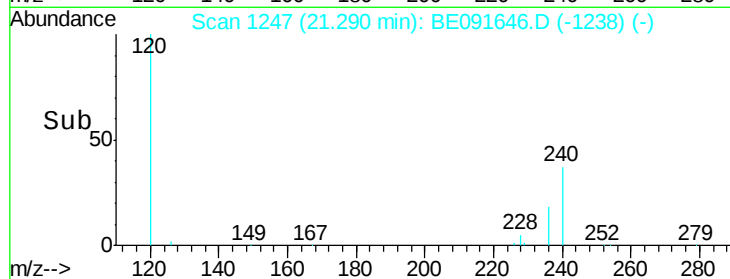
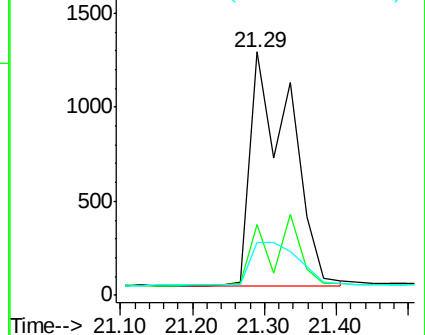
229 21.6 15.7 23.5



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: 0.17 ng

RT: 21.24 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

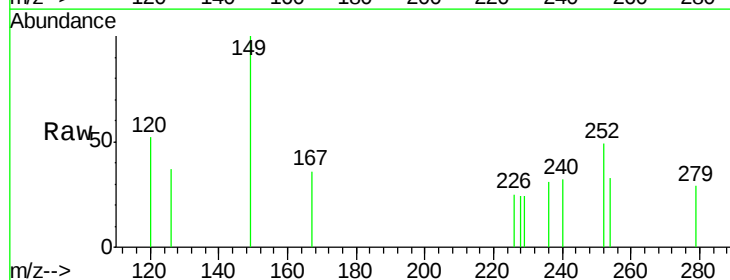
Tgt Ion:252 Resp: 108

Ion Ratio Lower Upper

252 100

254 67.3 51.1 76.7

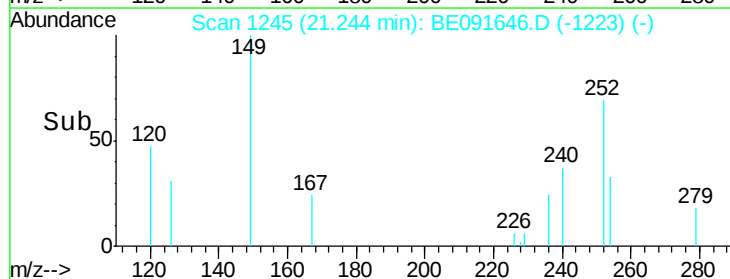
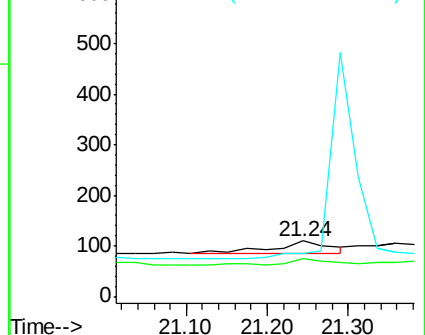
126 76.4 12.6 18.8#

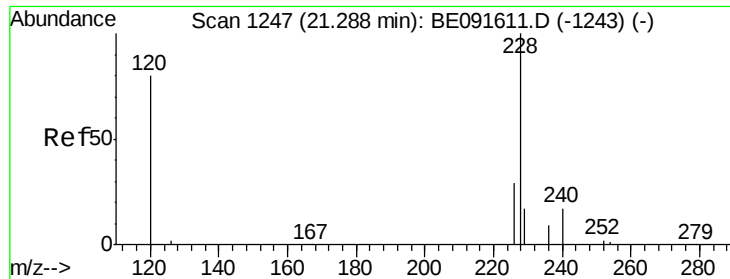


Abundance Ion 252.00 (251.70 to 252.70): E

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: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

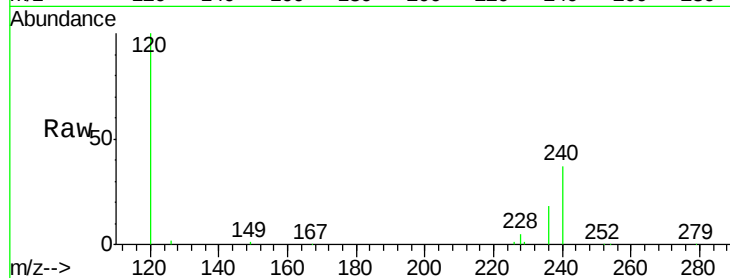
Tgt Ion: 228 Resp: 4829

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

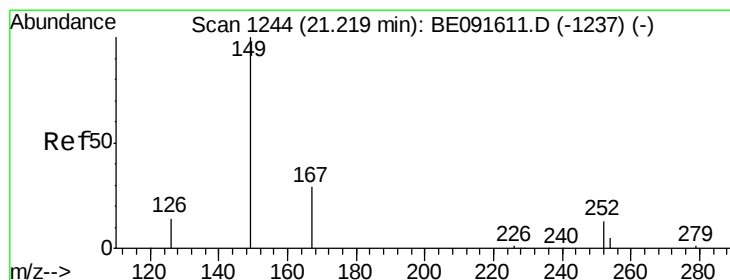
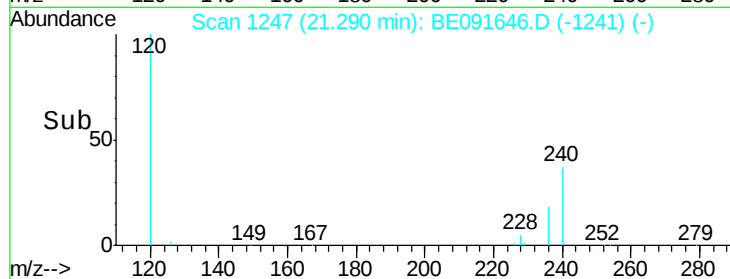
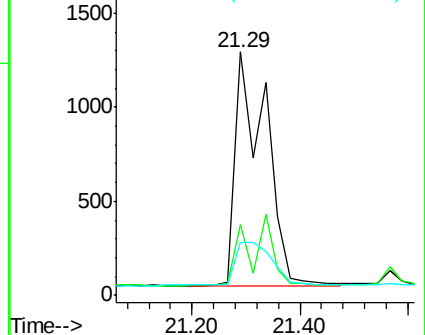
229 21.6 15.9 23.9



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: BE091646.D

Acq: 12 Apr 2016 11:14

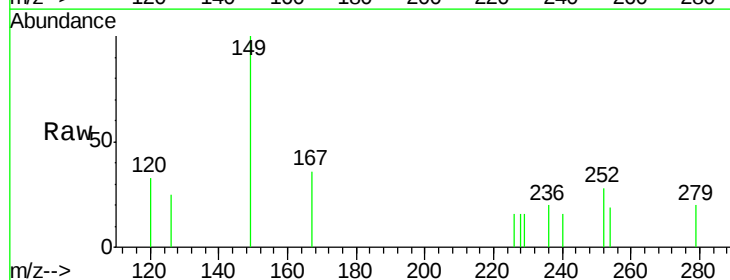
Tgt Ion: 149 Resp: 312

Ion Ratio Lower Upper

149 100

167 24.4 19.5 29.3

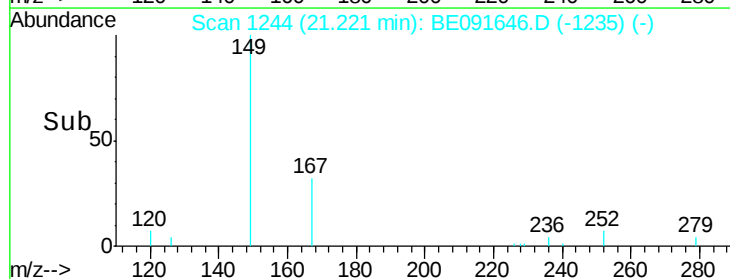
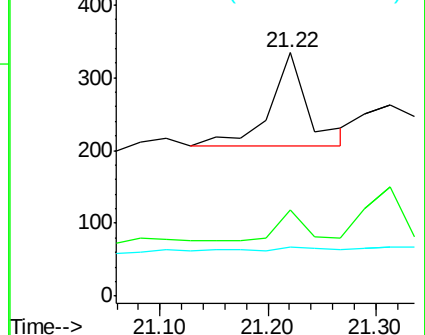
279 20.8 10.0 15.0#

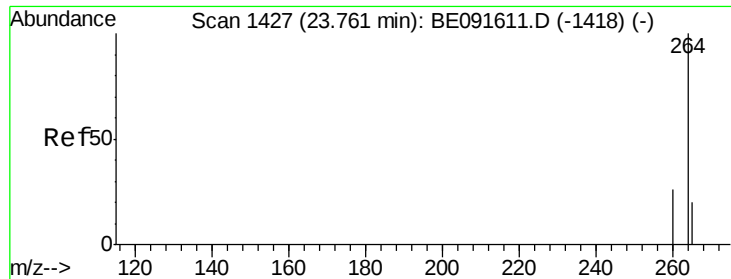


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE091646.D

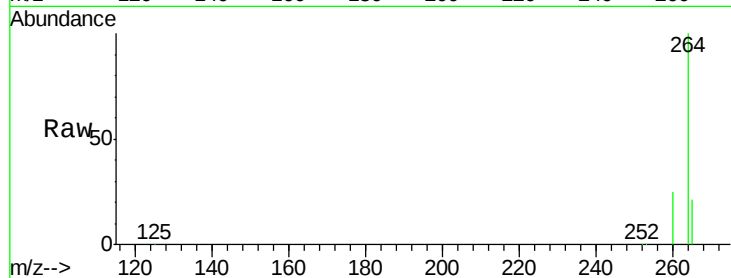
Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL



Tgt Ion: 264 Resp: 377689

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 21.3 17.5 26.3

