

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
 Data File : BE091678.D
 Acq On : 19 Apr 2016 00:07
 Operator : UM/SJ
 Sample : H2563-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BCR09

Quant Time: Apr 19 05:13:23 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36568	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	184330	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	112799	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	273837	5.00	ng	0.00
26) Chrysene-d12	21.31	240	325523	5.00	ng	0.00
35) Perylene-d12	23.75	264	312653	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	6190	0.78	ng	0.00
5) Phenol-d6	6.97	99	5423	0.51	ng	0.00
8) Nitrobenzene-d5	8.96	82	11409	1.21	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	7665	2.48	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	35298	1.12	ng	0.00
29) Terphenyl-d14	19.76	244	75038	1.69	ng	0.00

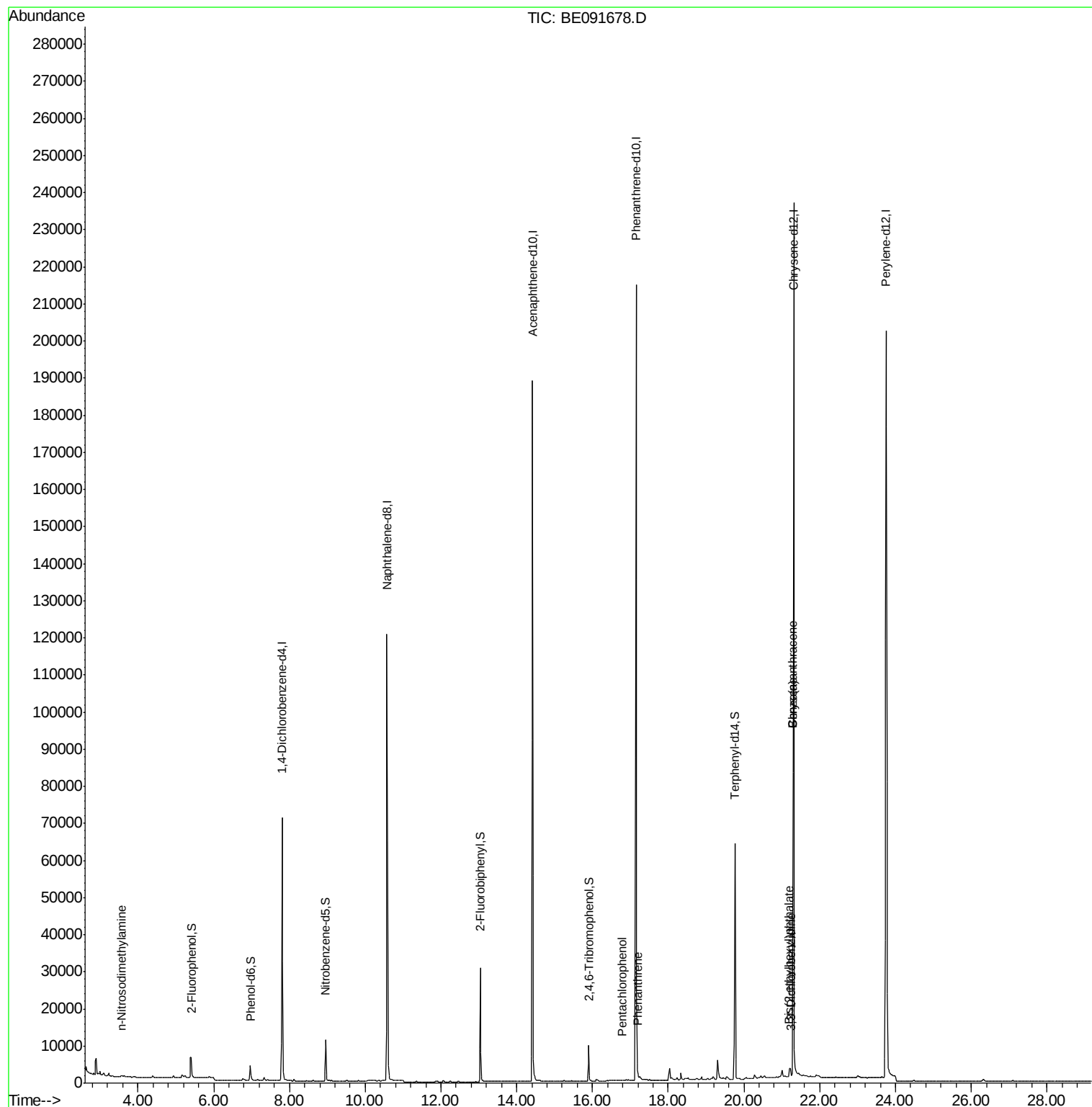
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.57	42	381	0.07	ng	# 1
22) Pentachlorophenol	16.79	266	140	0.22	ng	# 88
23) Phenanthrene	17.19	178	1248	0.02	ng	# 79
27) Benzidine	19.46	184	38	Below Cal		# 1
30) Benzo(a)anthracene	21.29	228	2230	0.03	ng	# 84
31) 3,3'-Dichlorobenzidine	21.24	252	238	0.16	ng	# 31
32) Chrysene	21.29	228	2198	0.03	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.20	149	4520	0.44	ng	# 57

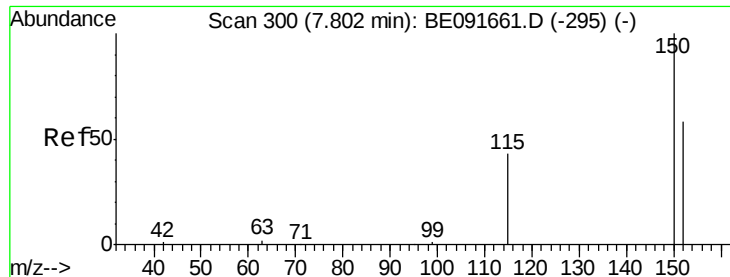
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

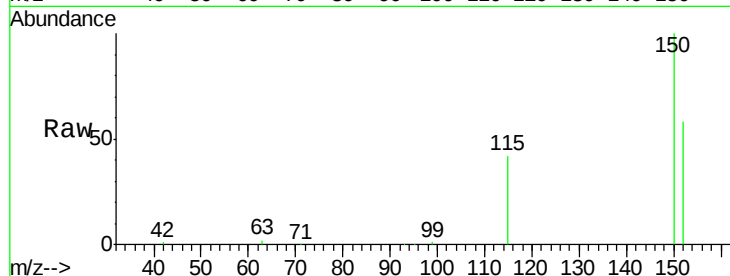
Tgt Ion: 152 Resp: 36568

Ion Ratio Lower Upper

152 100

150 171.6 122.6 183.8

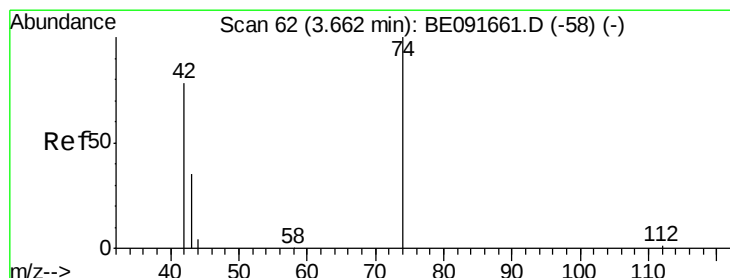
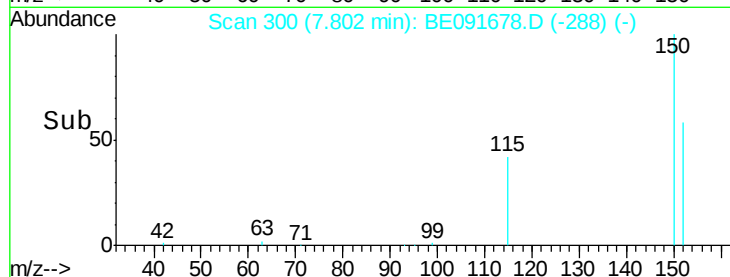
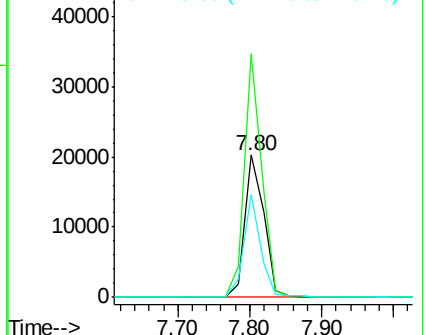
115 72.6 52.8 79.2



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



#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.57 min Scan# 57

Delta R.T. -0.09 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

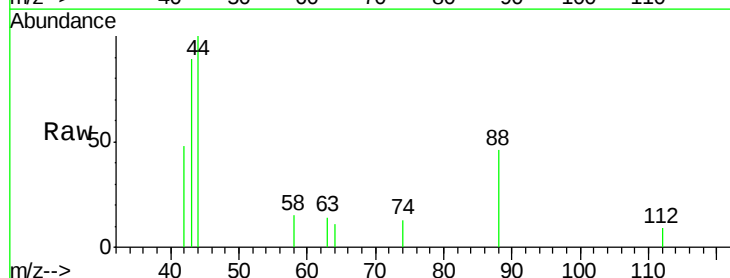
Tgt Ion: 42 Resp: 381

Ion Ratio Lower Upper

42 100

74 1.8 87.9 131.9#

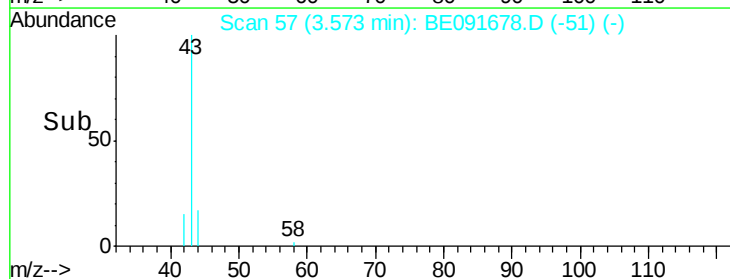
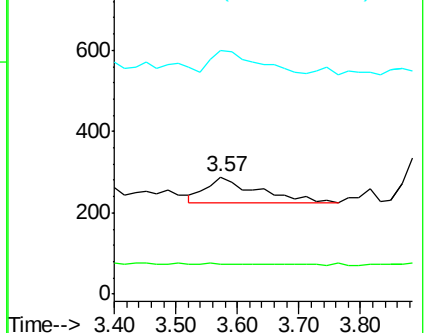
44 70.1 6.6 9.8#

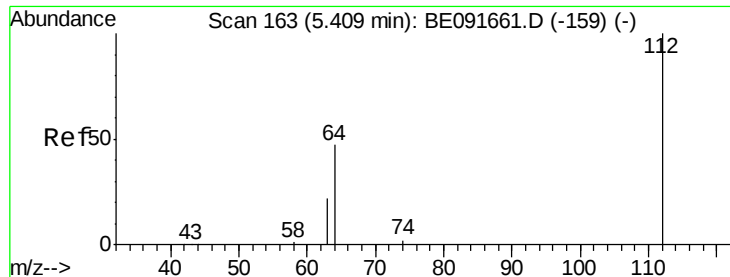


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.78 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

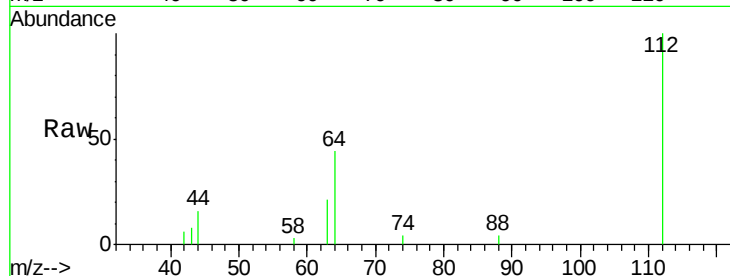
Tgt Ion: 112 Resp: 6190

Ion Ratio Lower Upper

112 100

64 68.9 30.9 46.3#

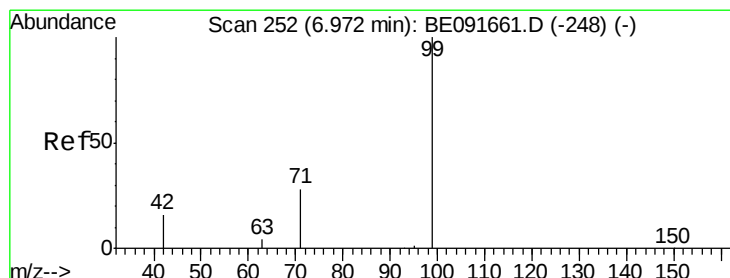
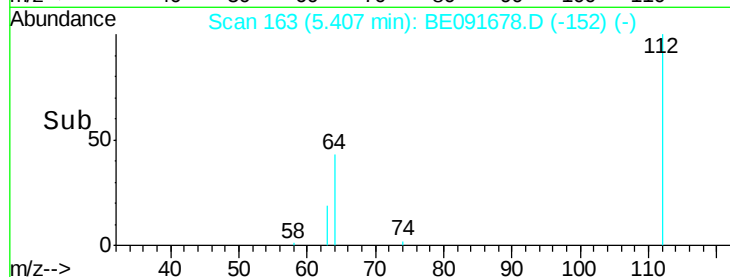
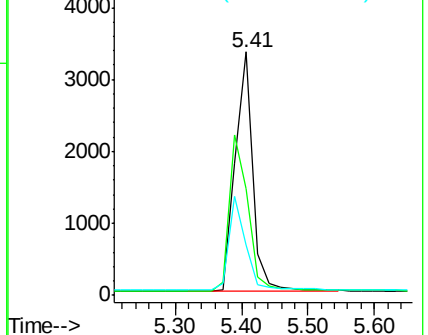
63 36.7 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.51 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

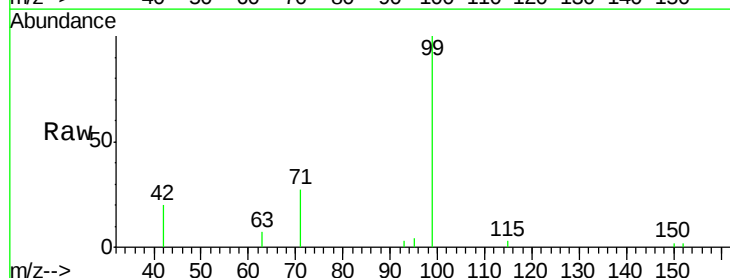
Tgt Ion: 99 Resp: 5423

Ion Ratio Lower Upper

99 100

42 26.7 16.2 24.2#

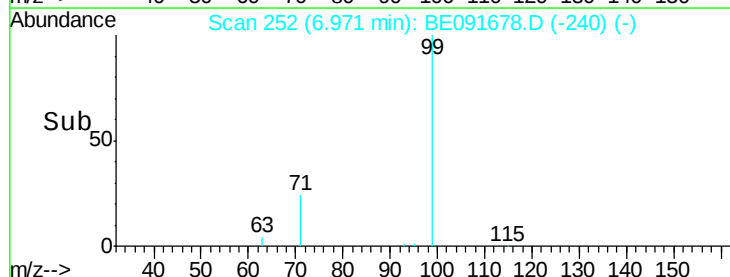
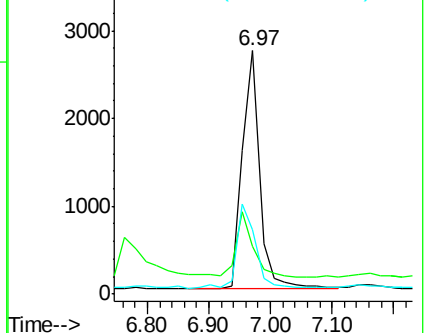
71 38.3 29.0 43.4

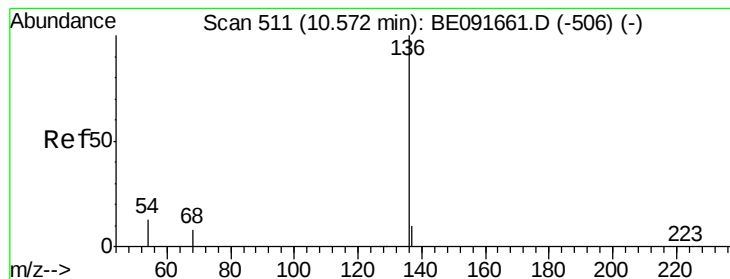


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

Tgt Ion: 136 Resp: 184330

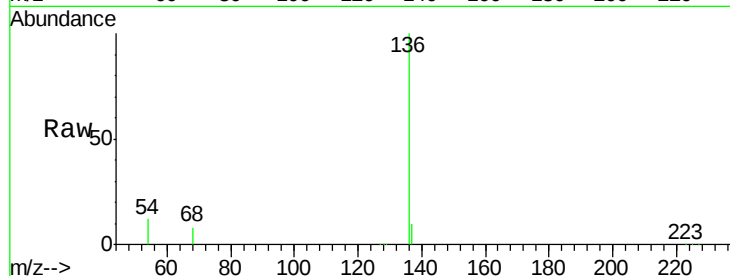
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 11.7 8.2 12.4

68 7.9 6.2 9.4

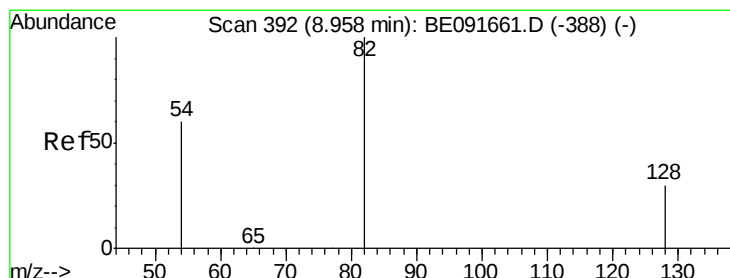
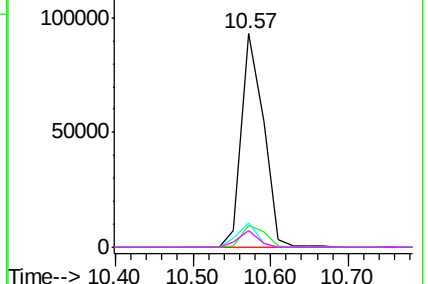
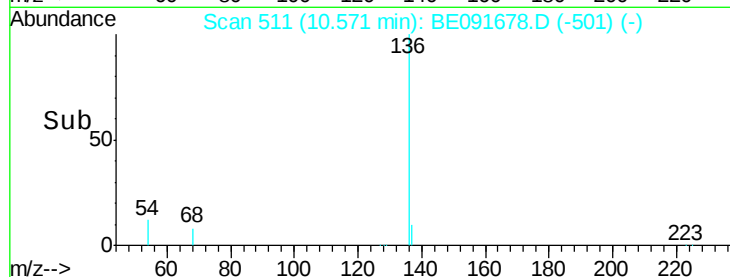


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.21 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

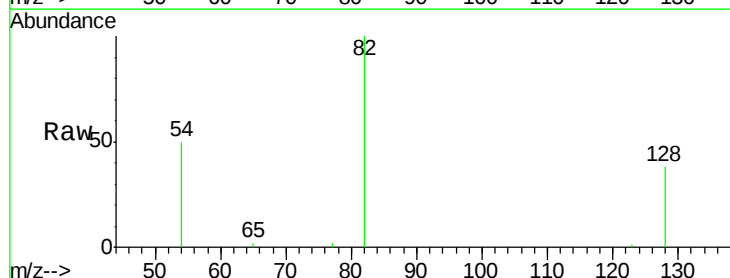
Tgt Ion: 82 Resp: 11409

Ion Ratio Lower Upper

82 100

128 37.6 25.4 38.0

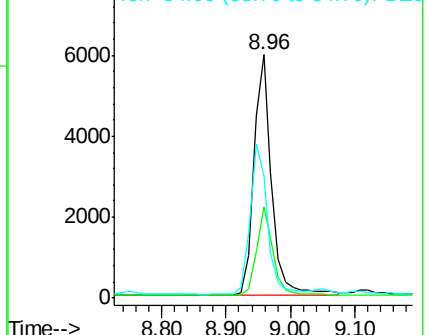
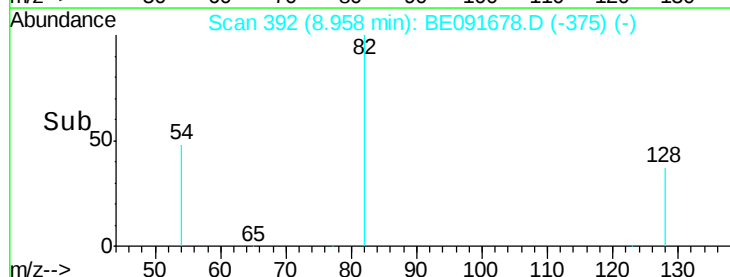
54 49.9 48.4 72.6

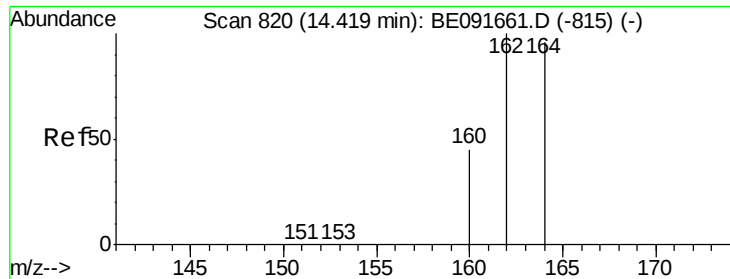


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

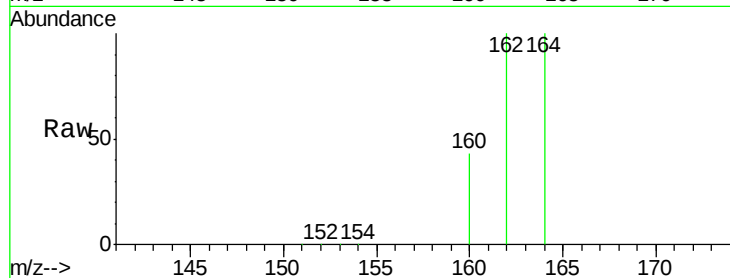
Tgt Ion:164 Resp: 112799

Ion Ratio Lower Upper

164 100

162 100.2 85.3 127.9

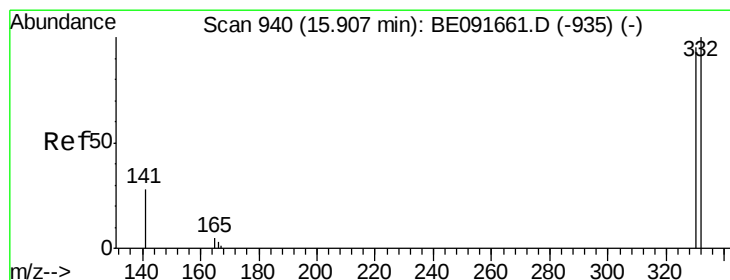
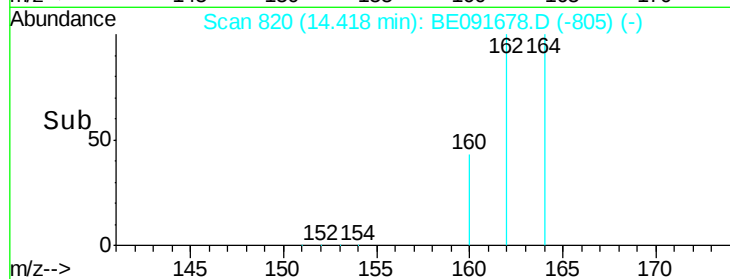
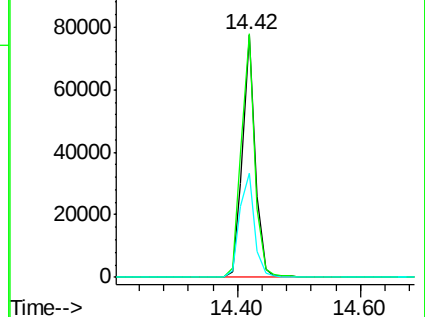
160 42.7 46.2 69.2#



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: 2.48 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

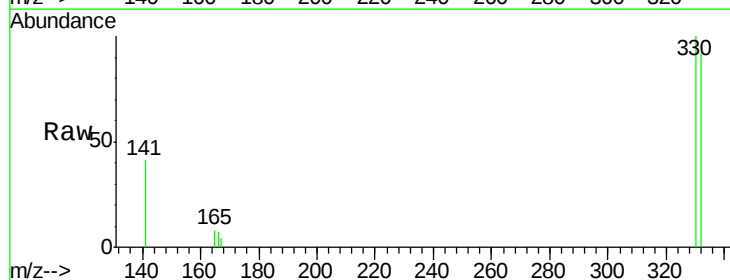
Tgt Ion:330 Resp: 7665

Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

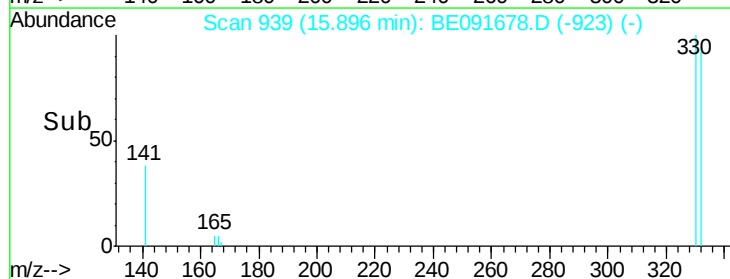
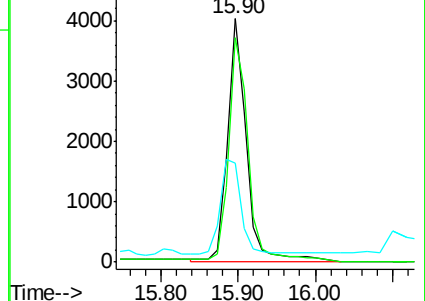
141 38.9 125.4 188.0#

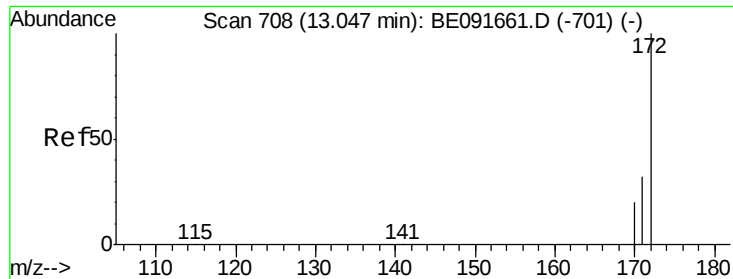


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

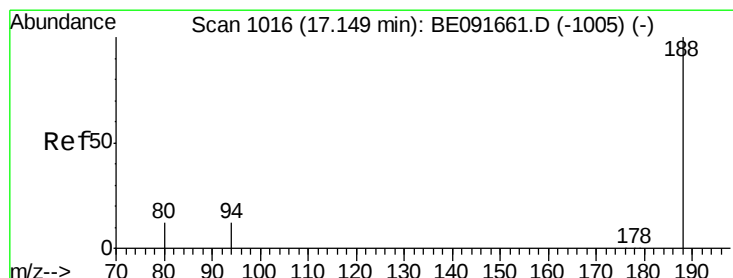
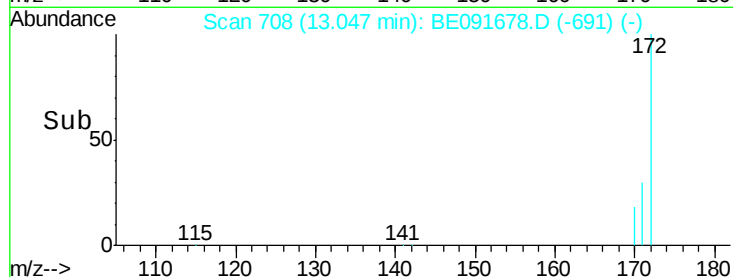
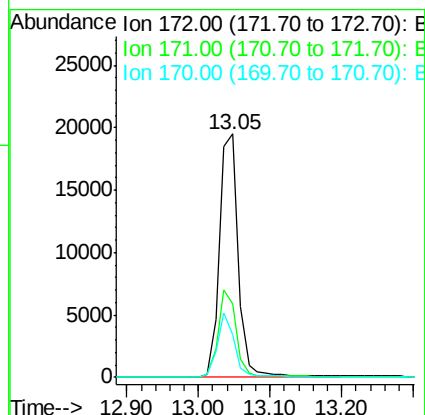
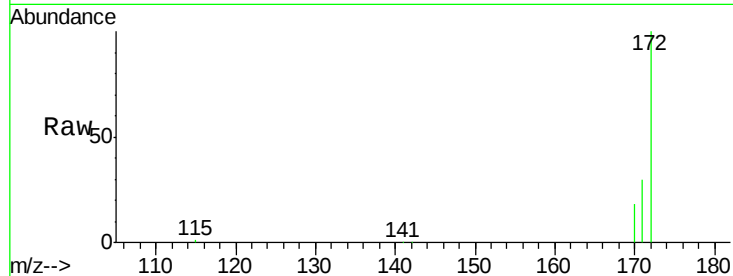




#15
2-Fluorobiphenyl
Concen: 1.12 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091678.D
Acq: 19 Apr 2016 00:07

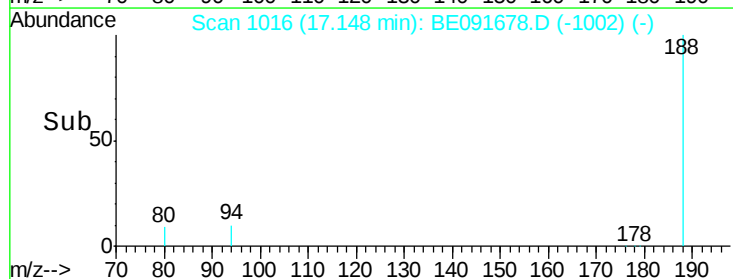
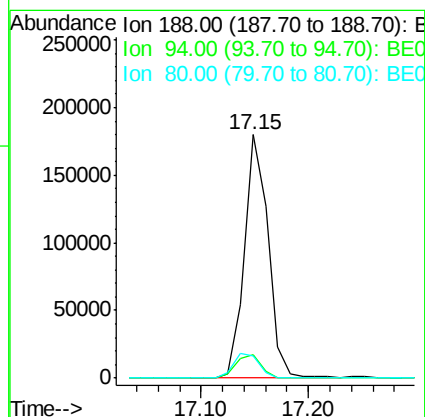
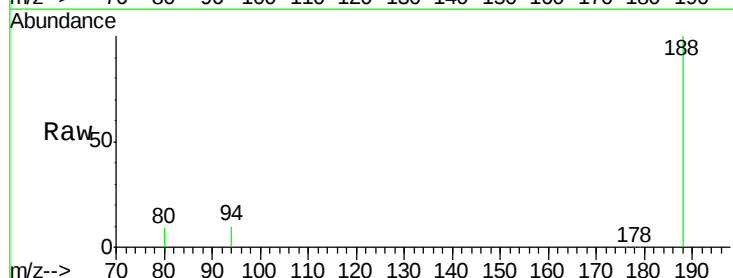
Instrument :
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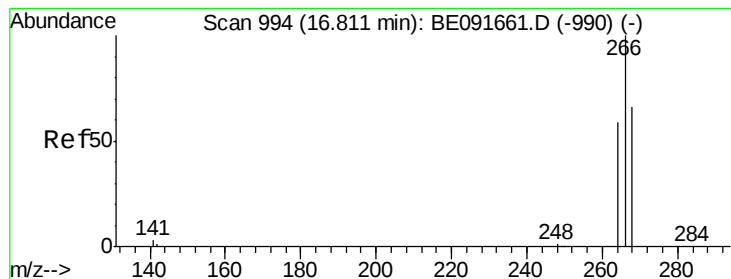
Tgt Ion:172 Resp: 35298
Ion Ratio Lower Upper
172 100
171 30.3 28.8 43.2
170 17.7 19.3 28.9#



#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091678.D
Acq: 19 Apr 2016 00:07

Tgt Ion:188 Resp: 273837
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 9.4 9.4 14.0





#22

Pentachlorophenol

Concen: 0.22 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

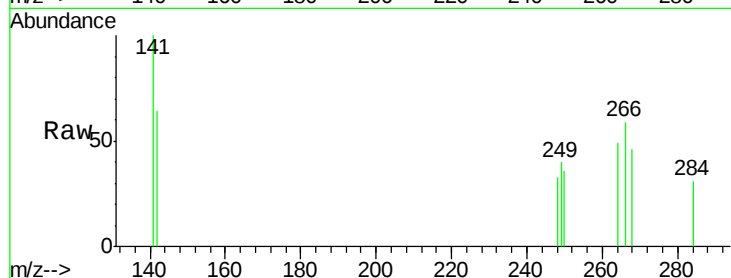
Tgt Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

268 78.9 58.2 87.2

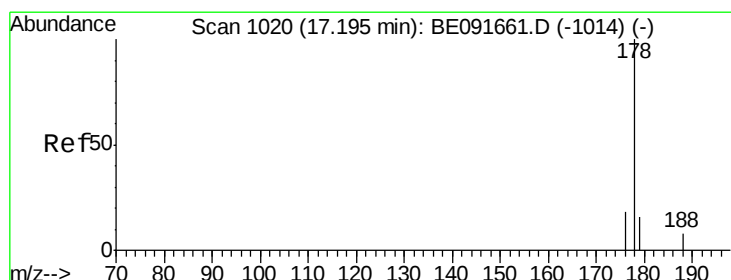
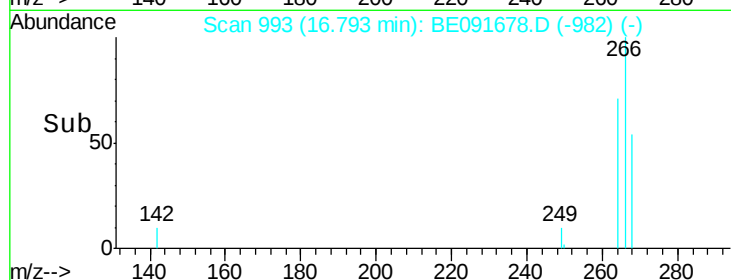
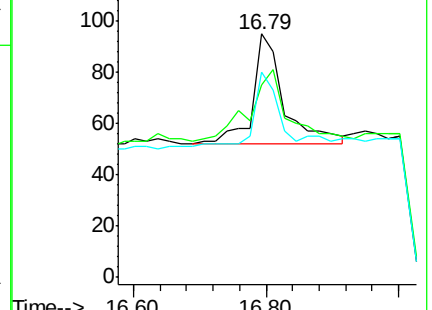
264 84.2 56.2 84.4



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



#23

Phenanthrene

Concen: 0.02 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

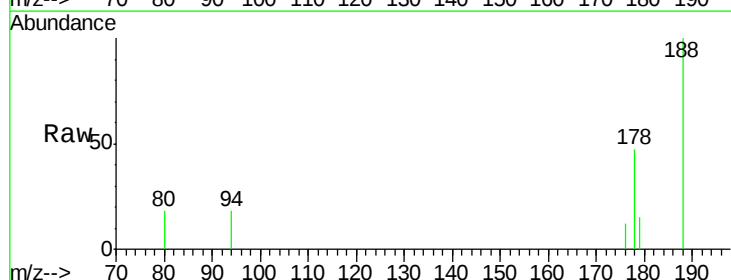
Tgt Ion:178 Resp: 1248

Ion Ratio Lower Upper

178 100

176 15.2 15.3 22.9#

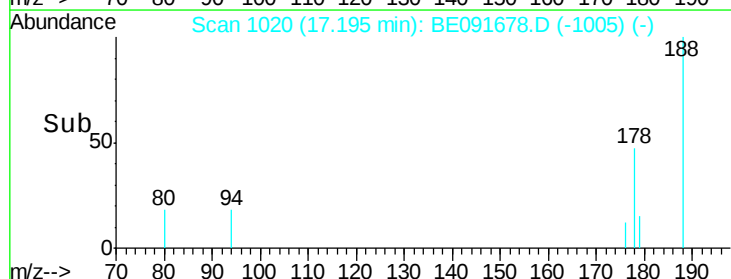
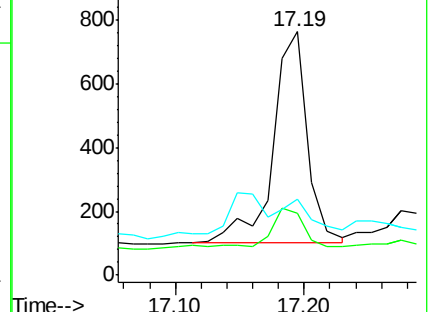
179 0.0 12.6 18.8#

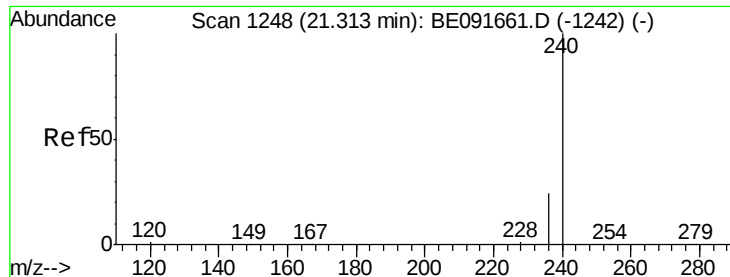


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

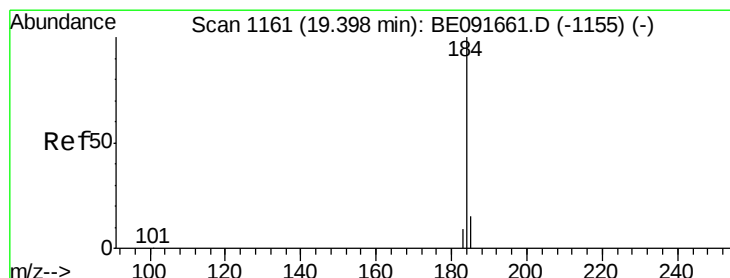
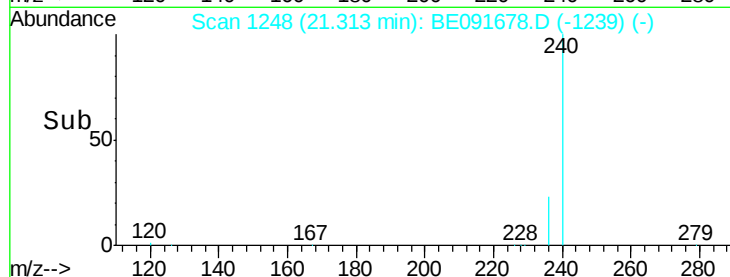
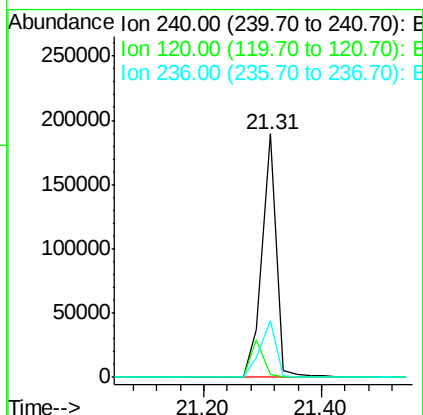
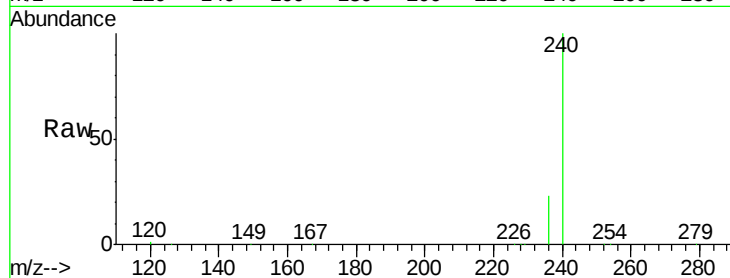




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091678.D
Acq: 19 Apr 2016 00:07

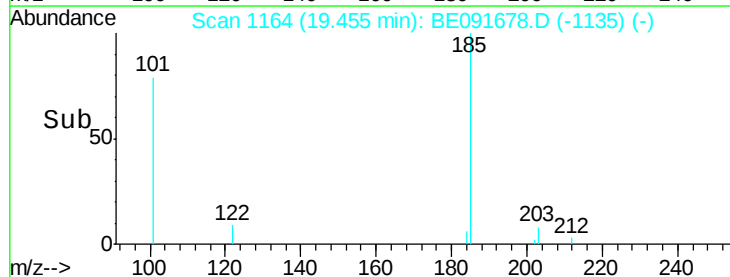
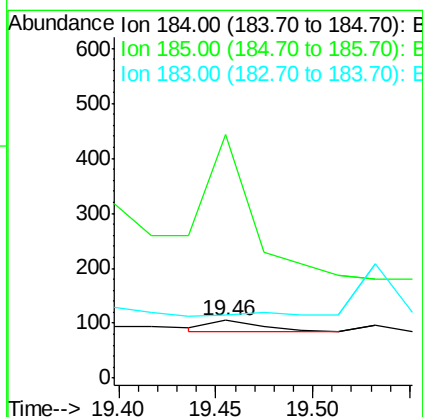
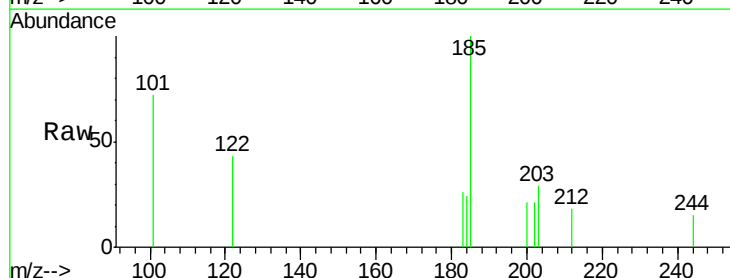
Instrument :
BNA_E
ClientSampled :
BCR09

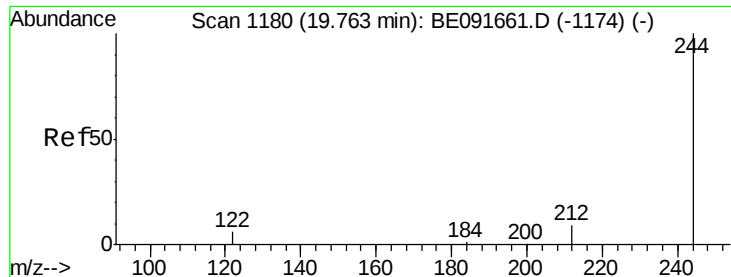
Tgt Ion:240 Resp: 325523
Ion Ratio Lower Upper
240 100
120 1.0 11.0 16.4#
236 23.2 21.7 32.5



#27
Benzidine
Concen: Below Cal
RT: 19.46 min Scan# 1164
Delta R.T. 0.06 min
Lab File: BE091678.D
Acq: 19 Apr 2016 00:07

Tgt Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
185 421.9 22.3 33.5#
183 109.5 16.4 24.6#





#29

Terphenyl-d14

Concen: 1.69 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

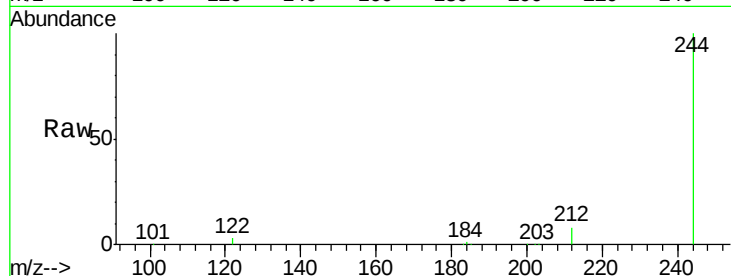
Tgt Ion:244 Resp: 75038

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

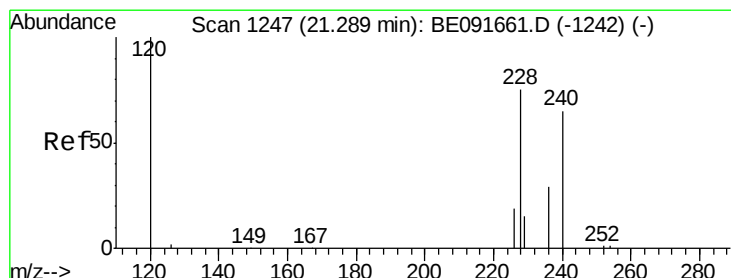
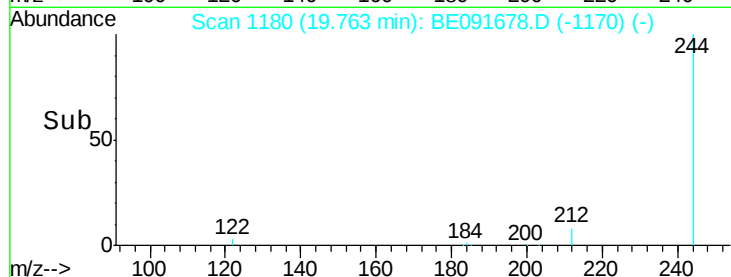
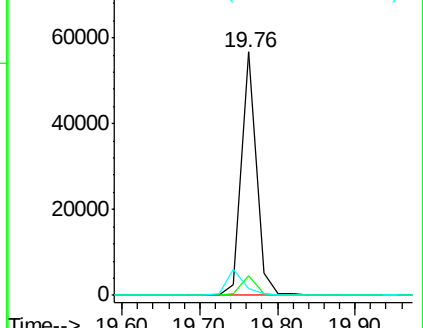
122 3.0 11.0 16.4#



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: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

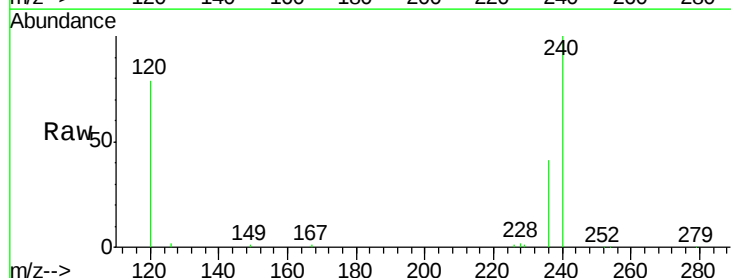
Tgt Ion:228 Resp: 2230

Ion Ratio Lower Upper

228 100

226 29.4 21.0 31.4

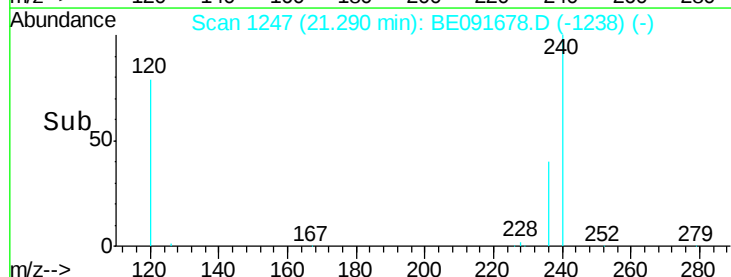
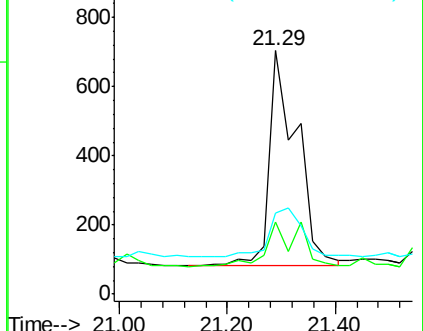
229 33.1 15.7 23.5#

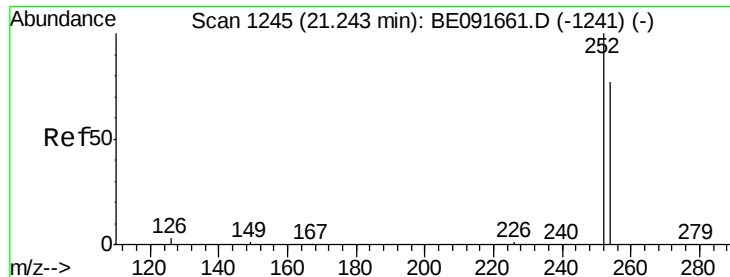


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

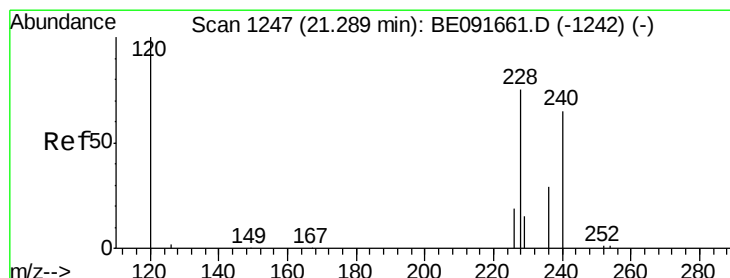
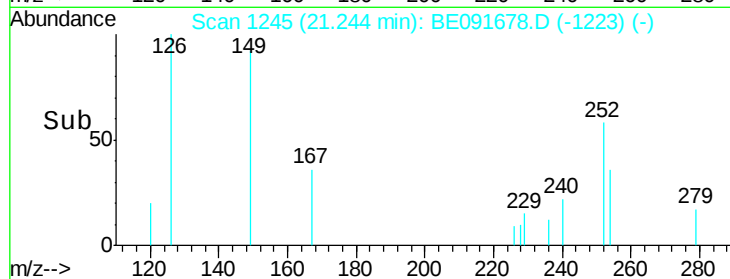
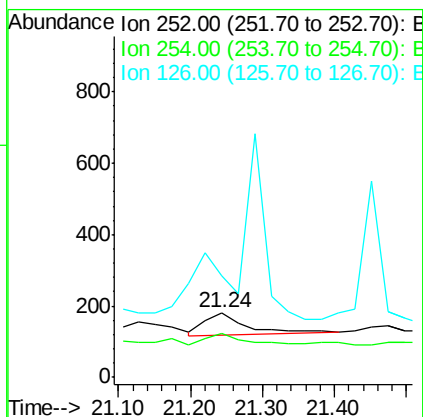
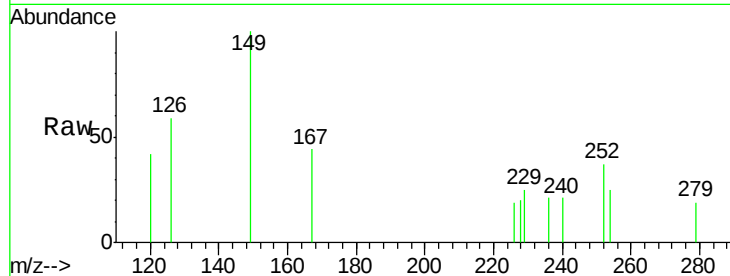




#31
 3,3'-Dichlorobenzidine
 Concen: 0.16 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

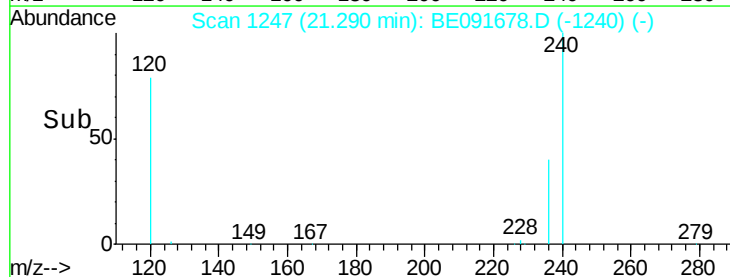
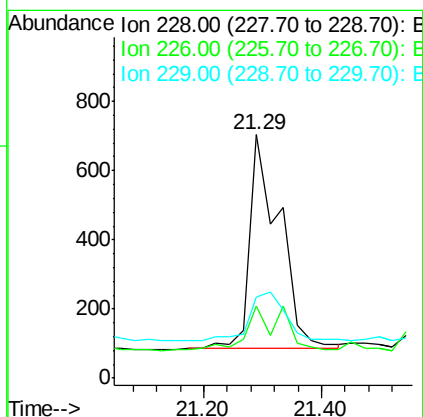
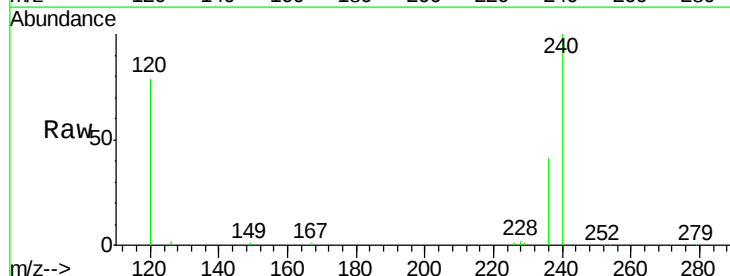
Instrument :
 BNA_E
 ClientSampled :
 BCR09

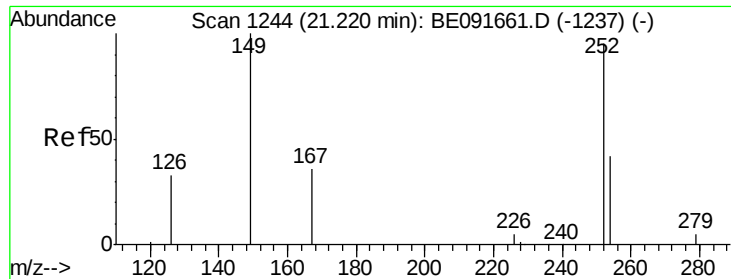
Tgt Ion: 252 Resp: 238
 Ion Ratio Lower Upper
 252 100
 254 67.0 51.1 76.7
 126 157.1 12.6 18.8#



#32
 Chrysene
 Concen: 0.03 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

Tgt Ion: 228 Resp: 2198
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.0 36.0
 229 33.1 15.9 23.9#

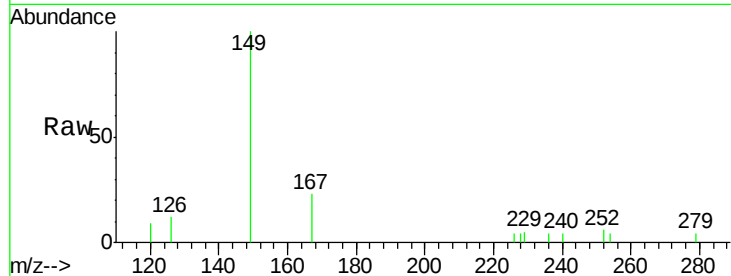




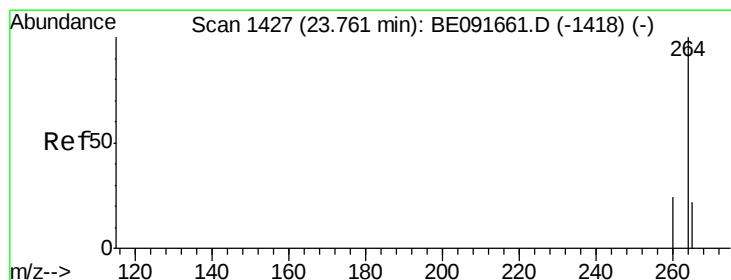
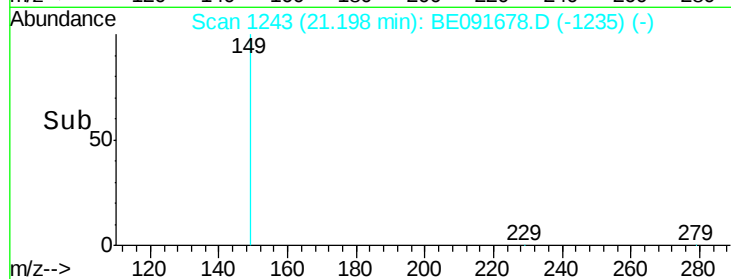
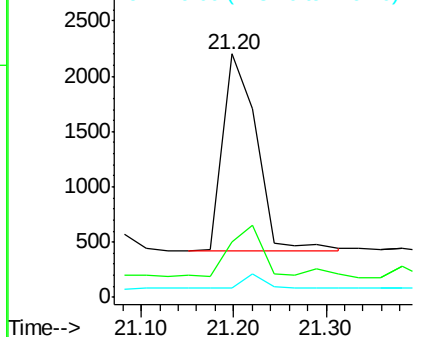
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.44 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

Instrument :
 BNA_E
 ClientSampleId :
 BCR09

Tgt Ion:149 Resp: 4520
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#

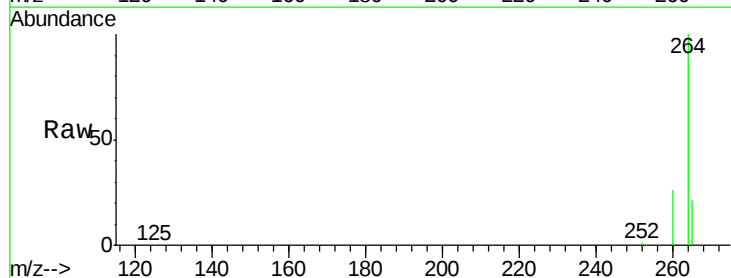


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

Tgt Ion:264 Resp: 312653
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.0 30.0
 265 21.0 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

