

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
 Data File : BE091676.D
 Acq On : 18 Apr 2016 22:53
 Operator : UM/SJ
 Sample : H2563-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BCR08MS

Quant Time: Apr 19 05:12:34 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	37906	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	191474	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	115711	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	275159	5.00	ng	0.00
26) Chrysene-d12	21.31	240	345247	5.00	ng	0.00
35) Perylene-d12	23.75	264	314526	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	17335	2.10	ng	0.00
5) Phenol-d6	6.97	99	15587	1.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	33930	3.46	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	35066	10.41	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	110519	3.43	ng	0.00
29) Terphenyl-d14	19.76	244	236372	5.02	ng	0.00

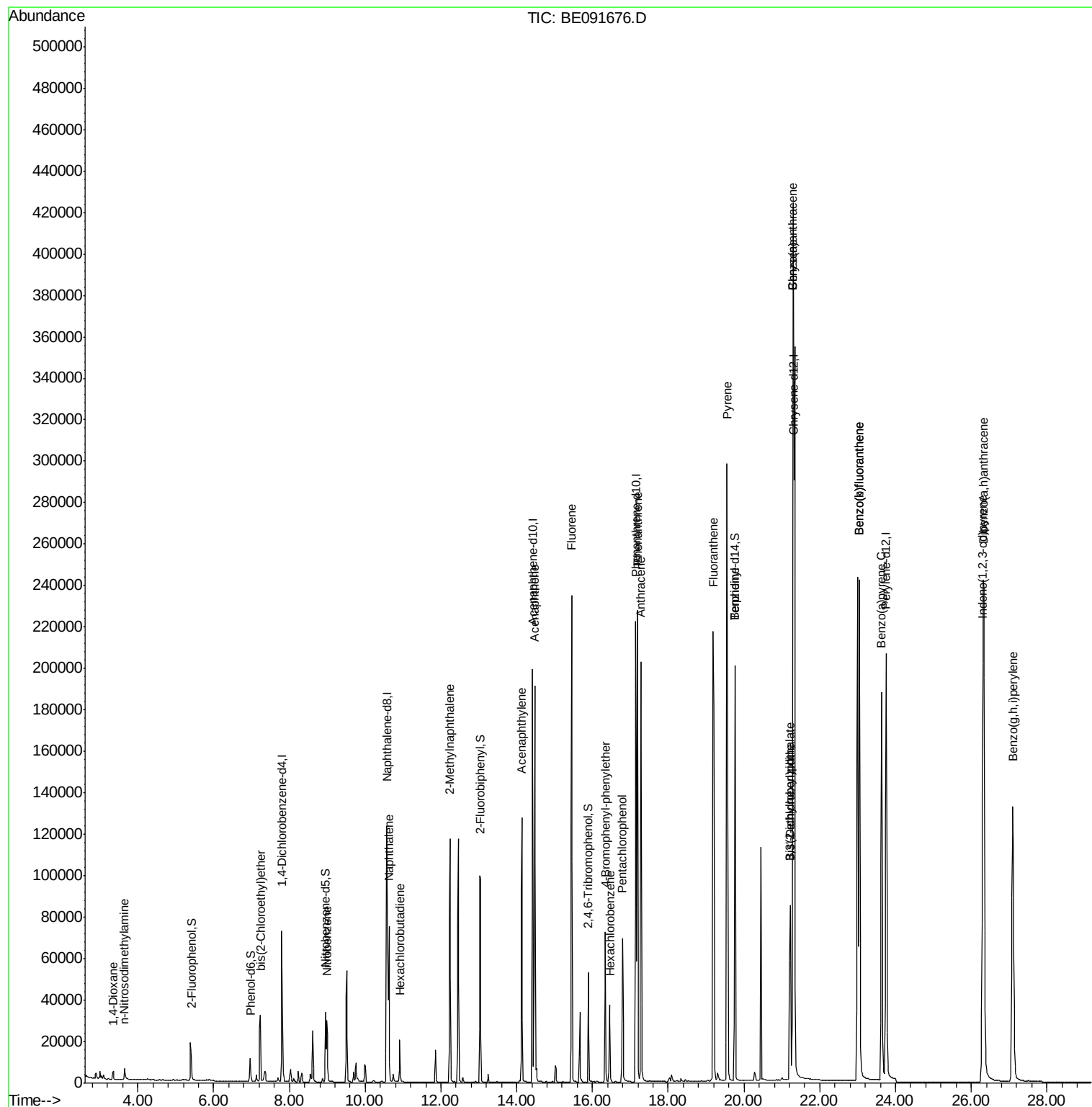
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	3784	0.83	ng	# 93
3) n-Nitrosodimethylamine	3.64	42	5689	1.05	ng	# 86
6) bis(2-Chloroethyl)ether	7.23	93	29256	2.86	ng	# 75
9) Nitrobenzene	8.99	77	35193	3.56	ng	94
10) Naphthalene	10.63	128	112732	2.89	ng	98
11) Hexachlorobutadiene	10.92	225	16102	2.85	ng	97
12) 2-Methylnaphthalene	12.24	142	85568	3.44	ng	96
16) Acenaphthylene	14.13	152	173007	4.06	ng	# 86
17) Acenaphthene	14.47	154	111870	3.93	ng	98
18) Fluorene	15.46	166	144434	4.14	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	41797	4.38	ng	95
21) Hexachlorobenzene	16.46	284	40377	4.00	ng	98
22) Pentachlorophenol	16.79	266	48188	9.24	ng	# 88
23) Phenanthrene	17.19	178	268750	4.30	ng	99
24) Anthracene	17.28	178	247505	4.46	ng	99
25) Fluoranthene	19.19	202	312285	5.03	ng	98
27) Benzdine	19.76	184	3822	0.24	ng	99
28) Pyrene	19.55	202	344091	4.99	ng	98
30) Benzo(a)anthracene	21.29	228	742764	9.28	ng	98
31) 3,3'-Dichlorobenzidine	21.22	252	11077	0.43	ng	# 79
32) Chrysene	21.29	228	745646	9.18	ng	94
33) Bis(2-ethylhexyl)phthalate	21.22	149	143992	7.34	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.30	276	370379	5.01	ng	97
36) Benzo(b)fluoranthene	23.04	252	337028	4.87	ng	97
37) Benzo(k)fluoranthene	23.04	252	343228	4.67	ng	97
38) Benzo(a)pyrene	23.63	252	313059	4.85	ng	96
39) Dibenzo(a,h)anthracene	26.33	278	308410	4.89	ng	96
40) Benzo(g,h,i)perylene	27.10	276	312641	4.78	ng	95

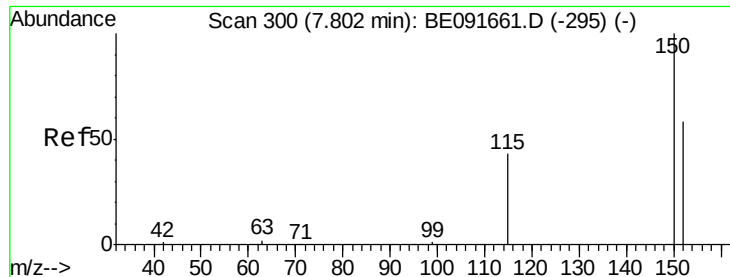
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

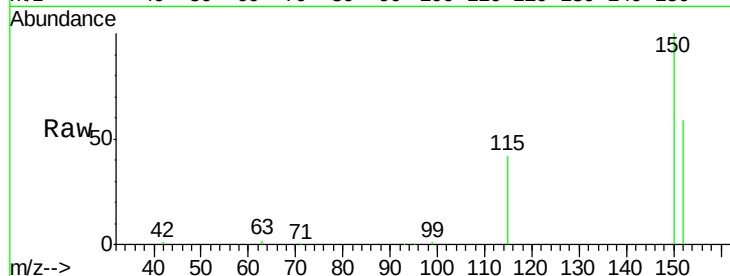
Tgt Ion:152 Resp: 37906

Ion Ratio Lower Upper

152 100

150 169.8 122.6 183.8

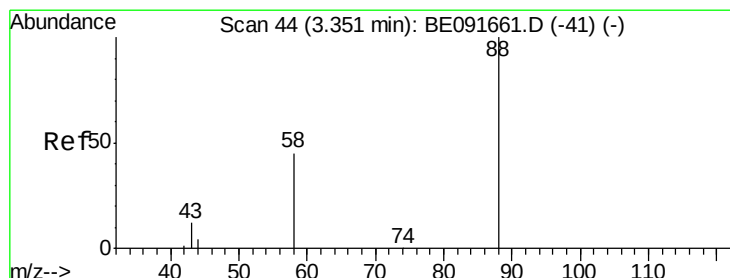
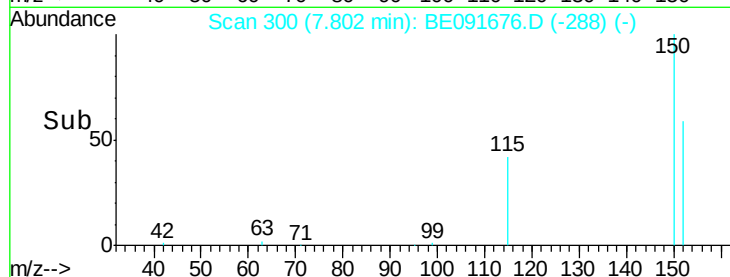
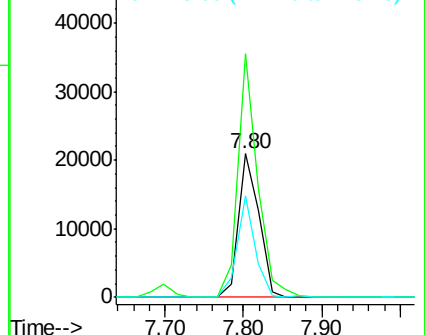
115 71.2 52.8 79.2



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



#2

1,4-Dioxane

Concen: 0.83 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

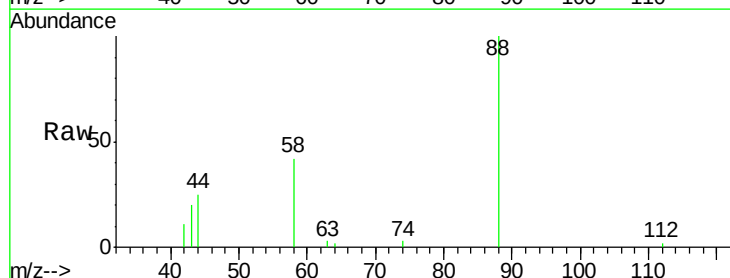
Tgt Ion: 88 Resp: 3784

Ion Ratio Lower Upper

88 100

58 83.5 65.8 98.6

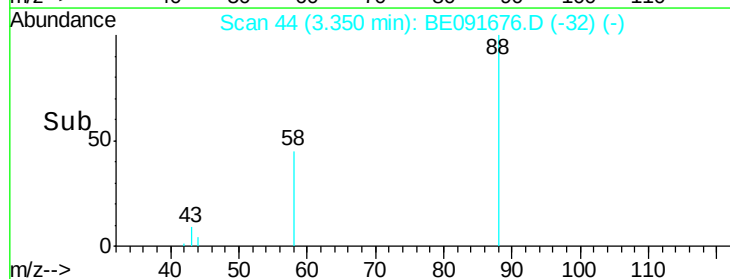
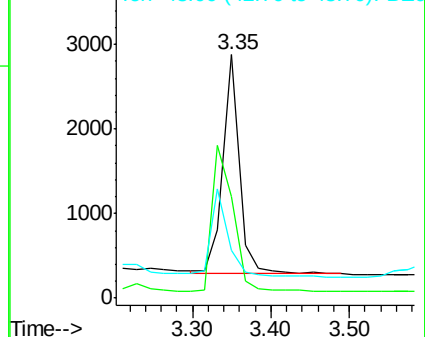
43 43.0 25.3 37.9#

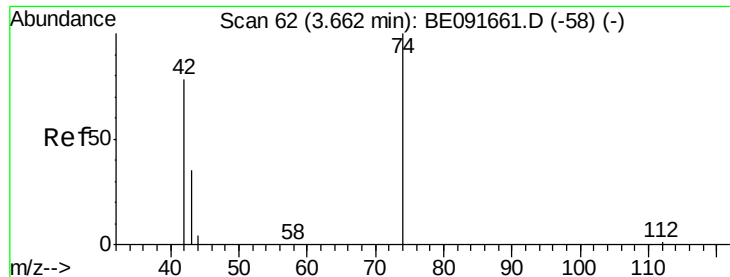


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.05 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

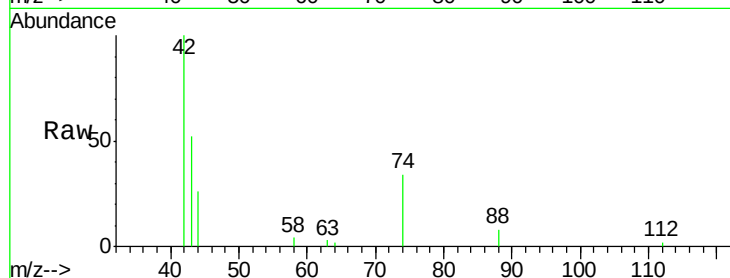
Tgt Ion: 42 Resp: 5689

Ion Ratio Lower Upper

42 100

74 94.8 87.9 131.9

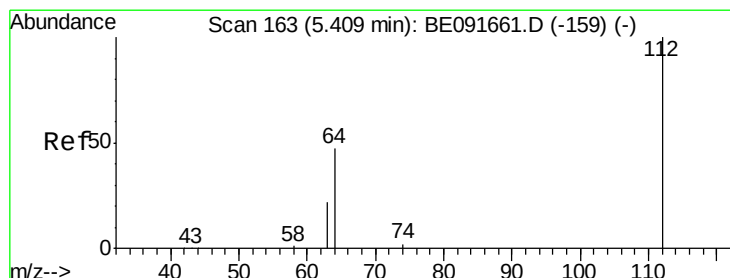
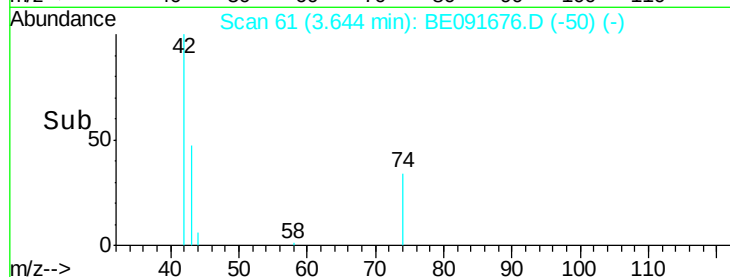
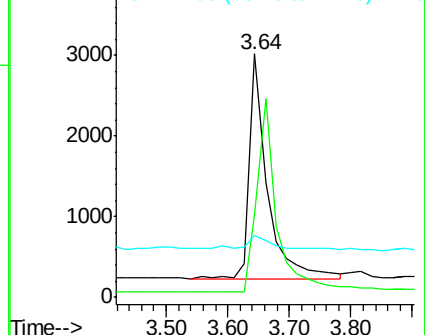
44 10.0 6.6 9.8#



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: 2.10 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

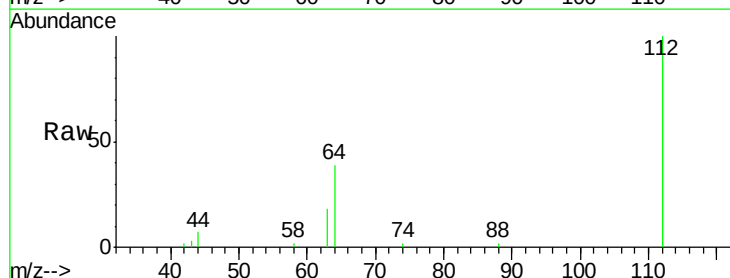
Tgt Ion: 112 Resp: 17335

Ion Ratio Lower Upper

112 100

64 67.8 30.9 46.3#

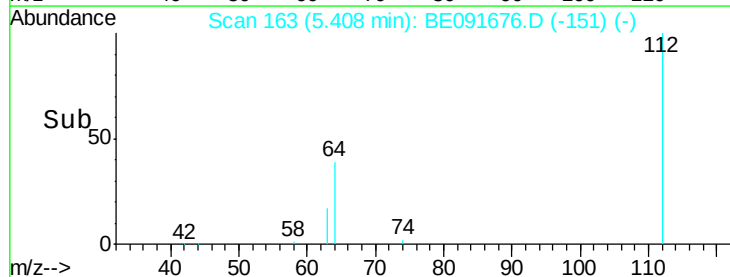
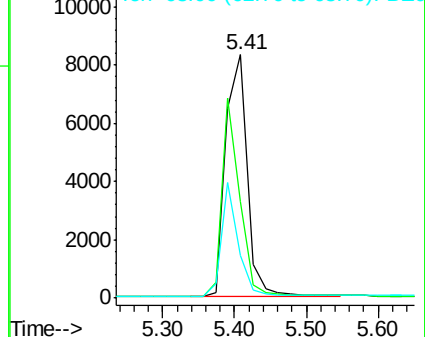
63 36.9 16.7 25.1#

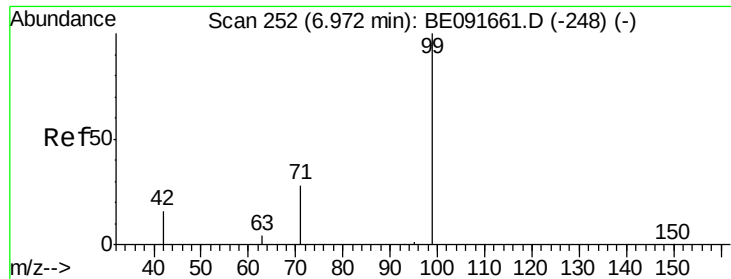


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.40 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

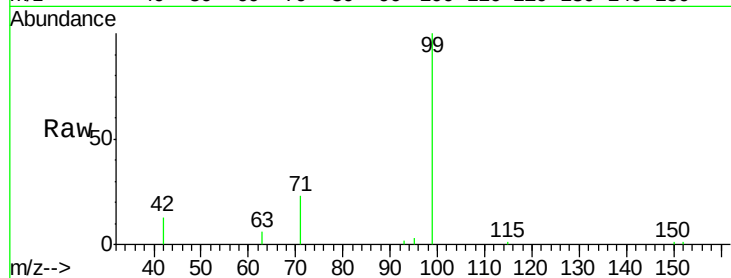
Tgt Ion: 99 Resp: 15587

Ion Ratio Lower Upper

99 100

42 26.1 16.2 24.2#

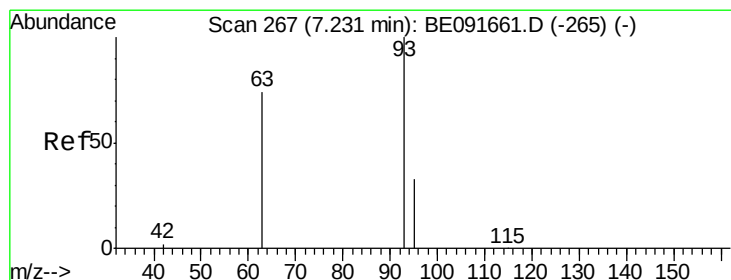
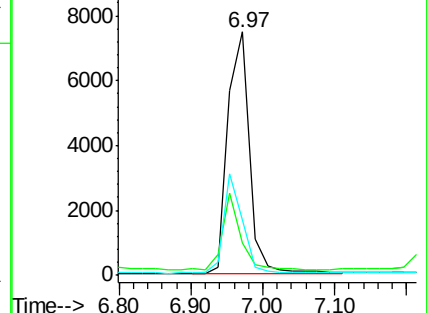
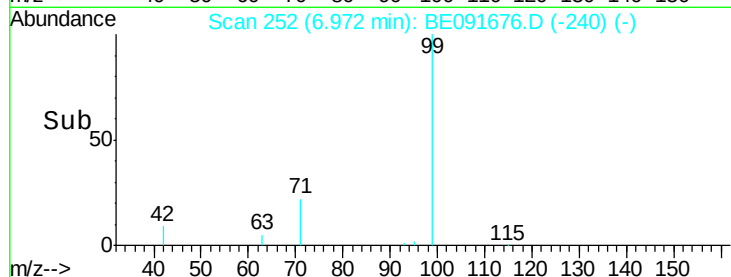
71 36.2 29.0 43.4



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



#6

bis(2-Chloroethyl)ether

Concen: 2.86 ng

RT: 7.23 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

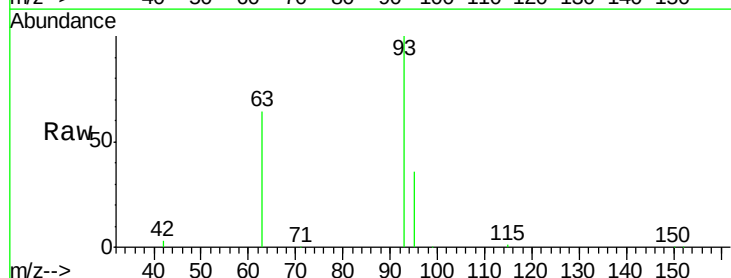
Tgt Ion: 93 Resp: 29256

Ion Ratio Lower Upper

93 100

63 86.3 49.5 74.3#

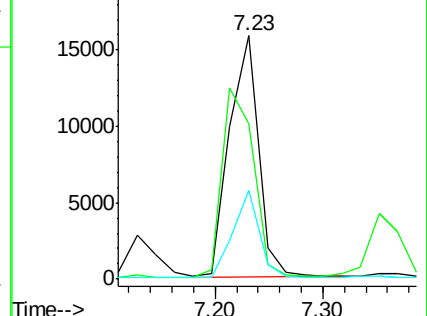
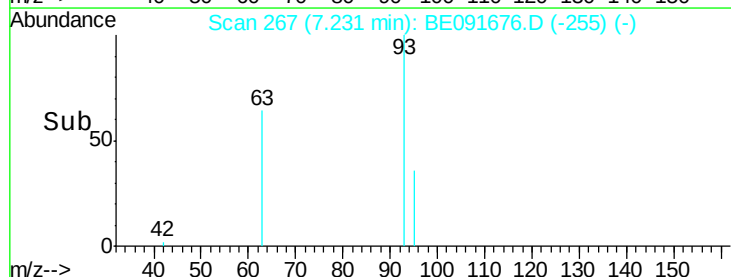
95 32.9 22.2 33.4

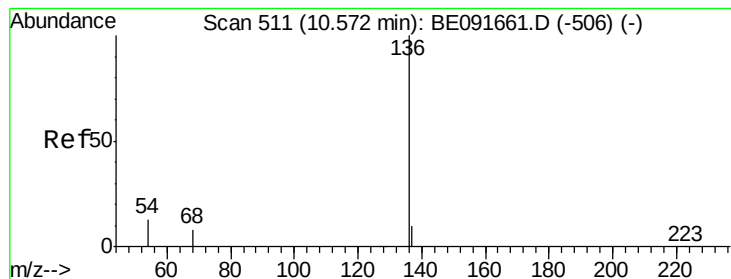


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

Tgt Ion:136 Resp: 191474

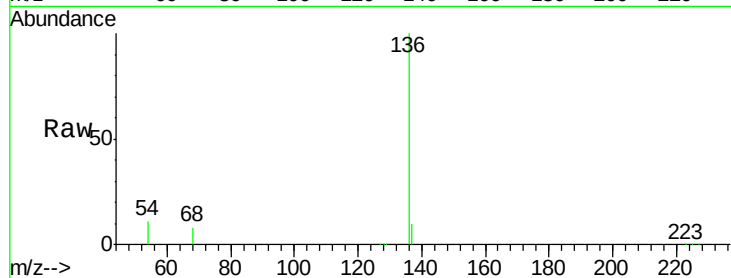
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 11.4 8.2 12.4

68 7.7 6.2 9.4

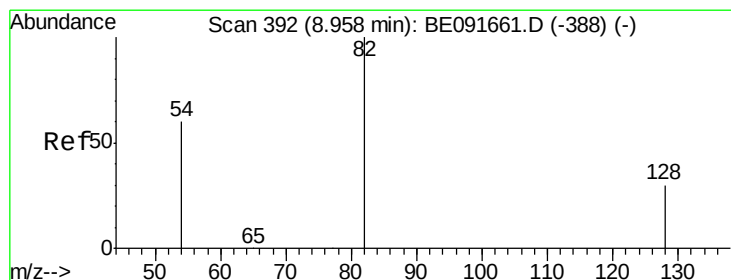
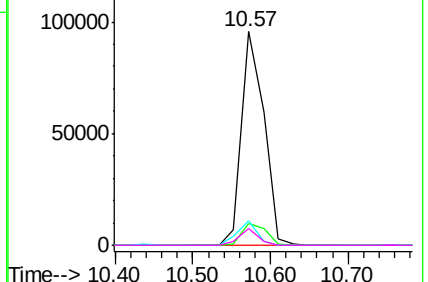
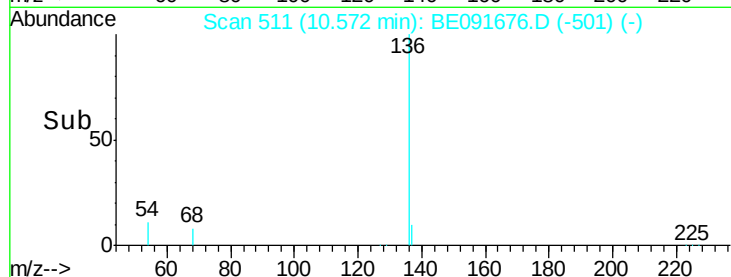


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.46 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

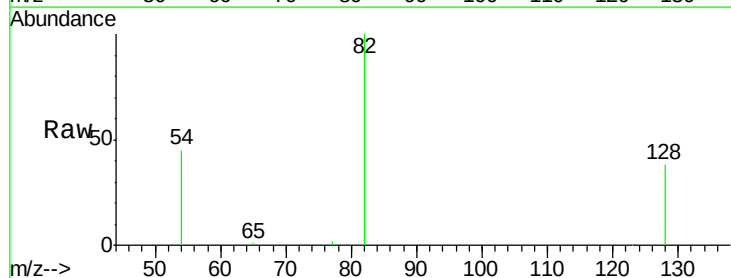
Tgt Ion: 82 Resp: 33930

Ion Ratio Lower Upper

82 100

128 38.5 25.4 38.0#

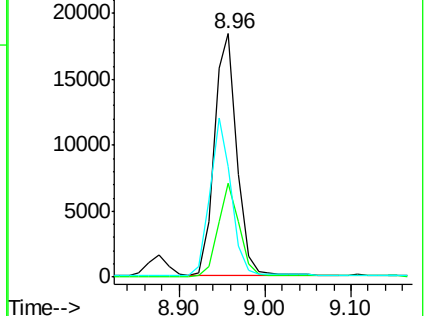
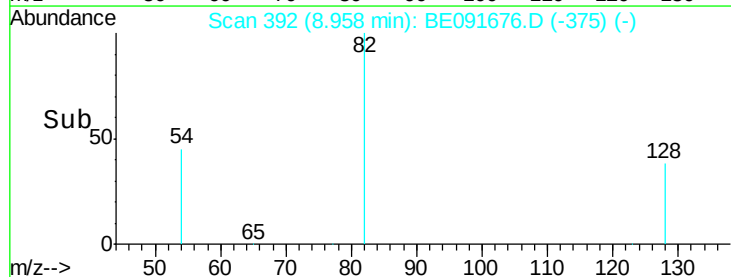
54 45.5 48.4 72.6#

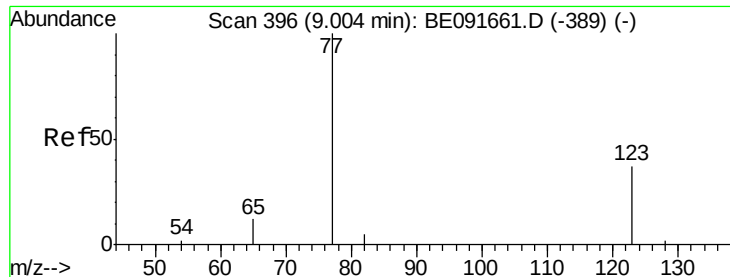


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.56 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

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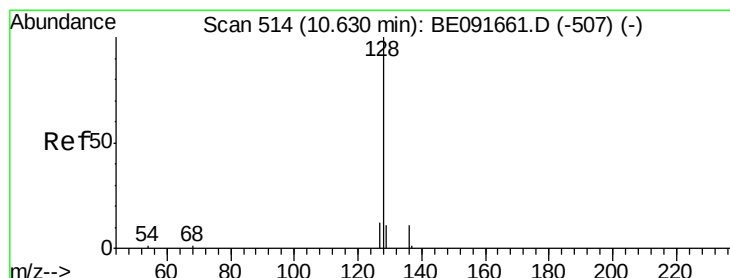
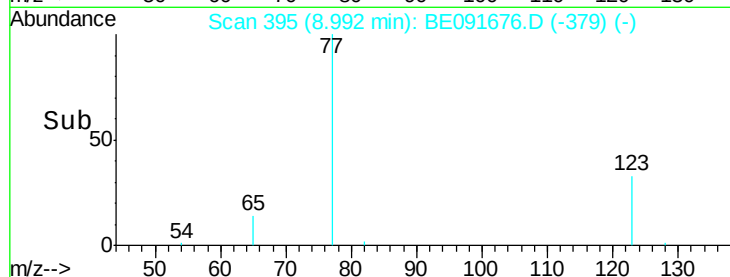
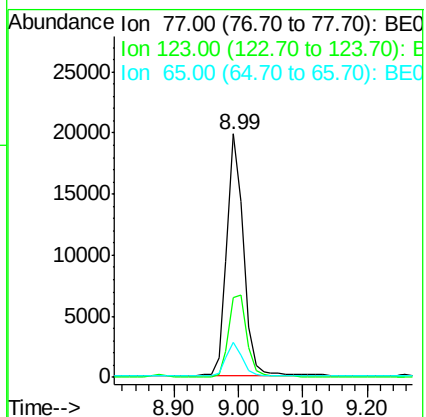
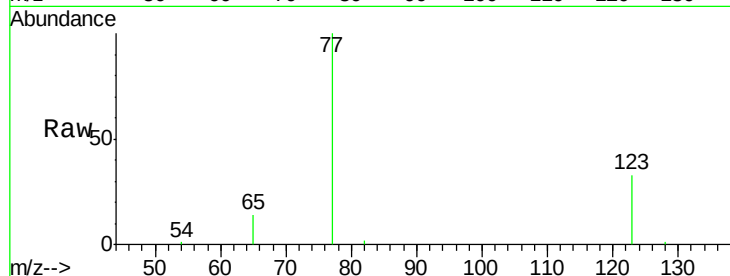
Tgt Ion: 77 Resp: 35193

Ion Ratio Lower Upper

77 100

123 37.2 26.9 40.3

65 14.0 9.4 14.2



#10

Naphthalene

Concen: 2.89 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

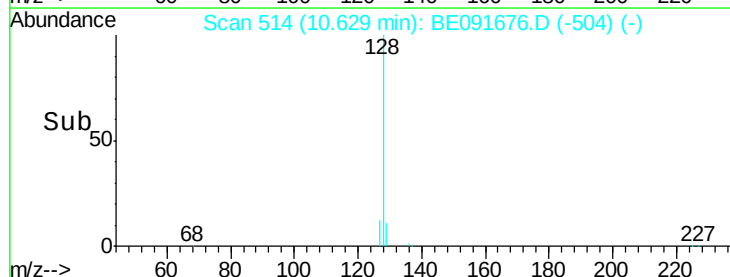
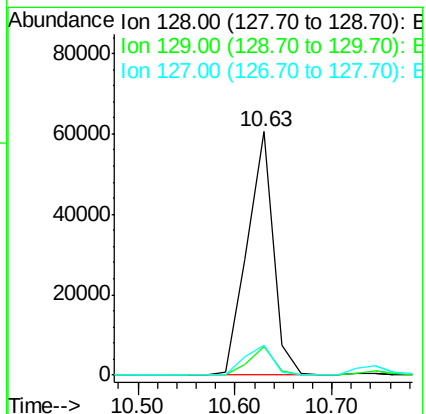
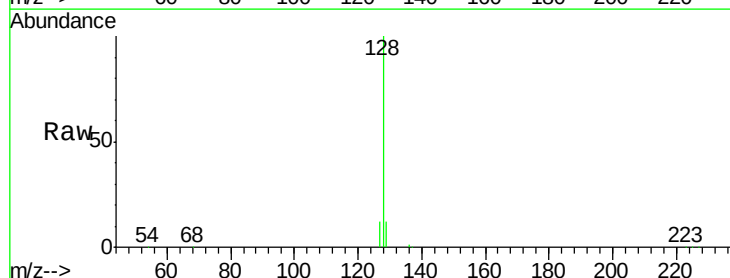
Tgt Ion: 128 Resp: 112732

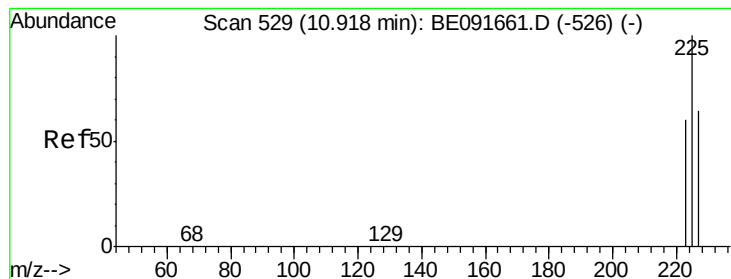
Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

127 12.0 10.7 16.1





#11

Hexachlorobutadiene

Concen: 2.85 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

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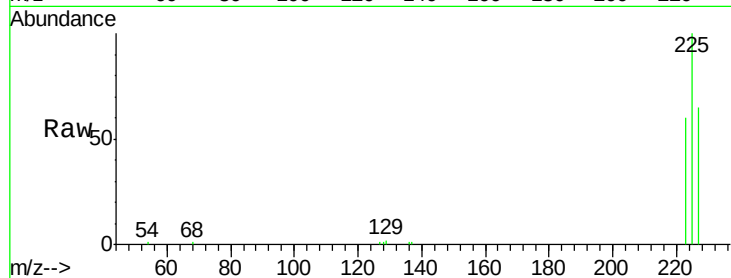
Tgt Ion: 225 Resp: 16102

Ion Ratio Lower Upper

225 100

223 64.5 49.0 73.6

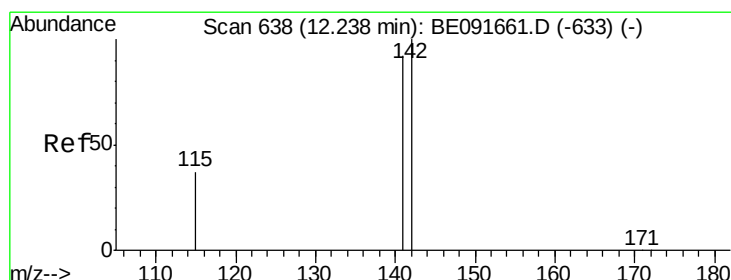
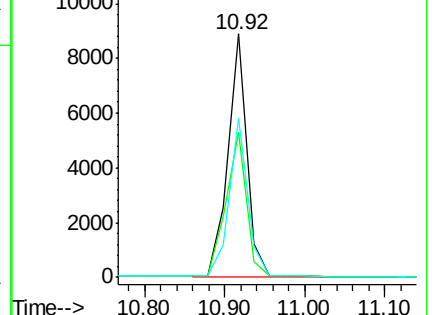
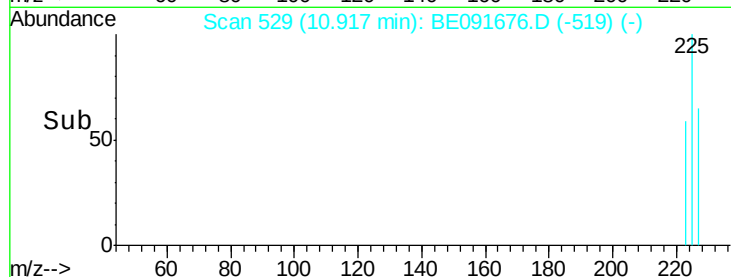
227 64.7 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 3.44 ng

RT: 12.24 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

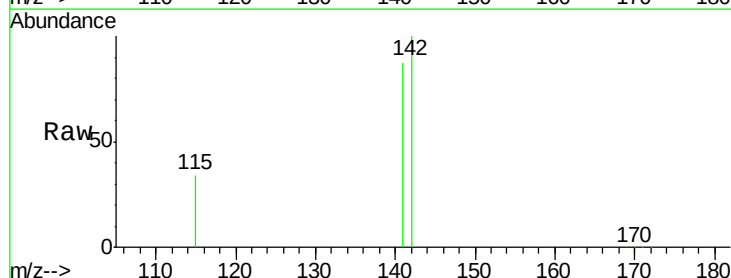
Tgt Ion: 142 Resp: 85568

Ion Ratio Lower Upper

142 100

141 87.2 71.4 107.0

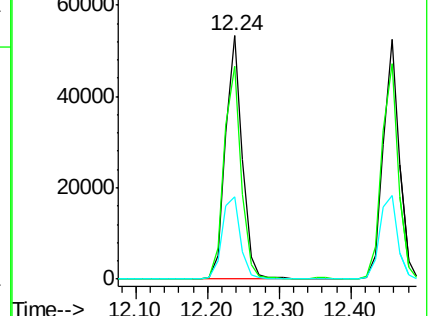
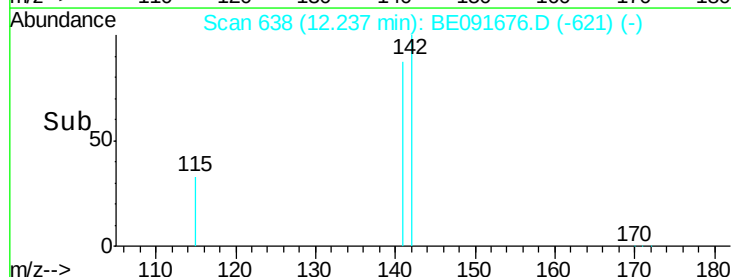
115 33.7 30.3 45.5

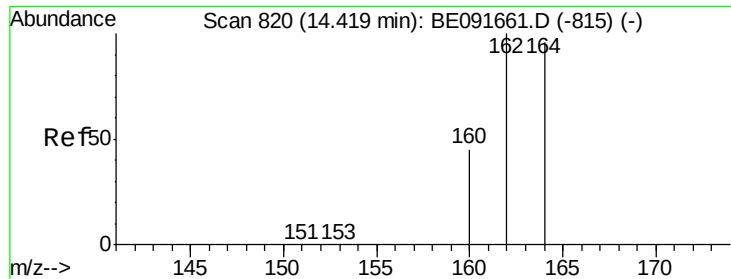


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

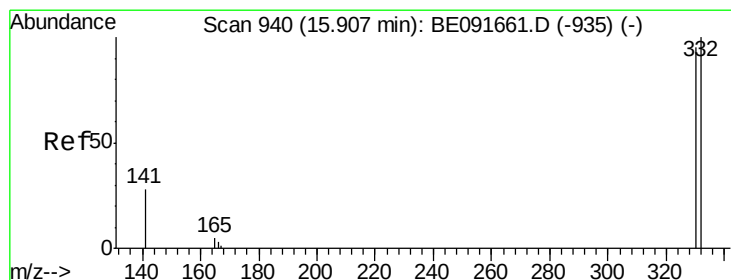
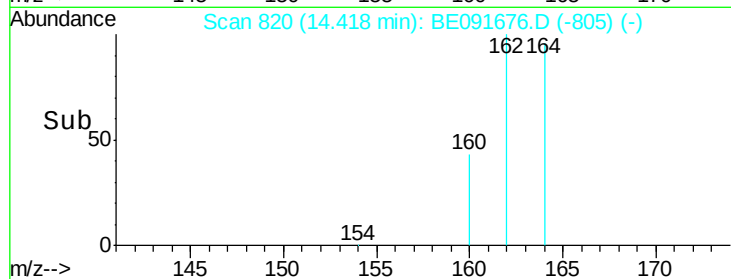
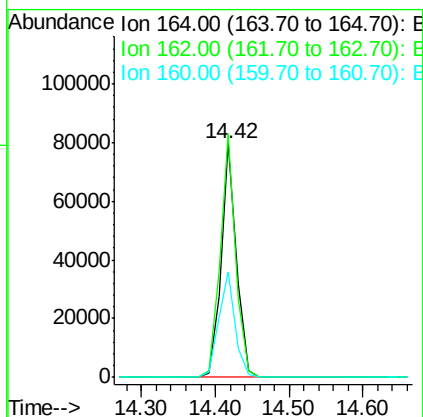
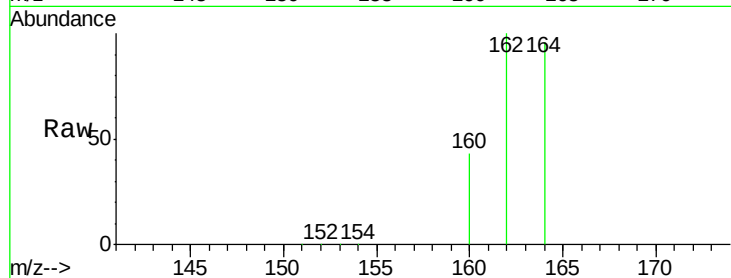




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

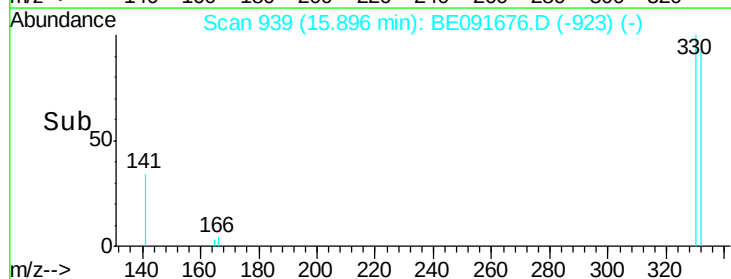
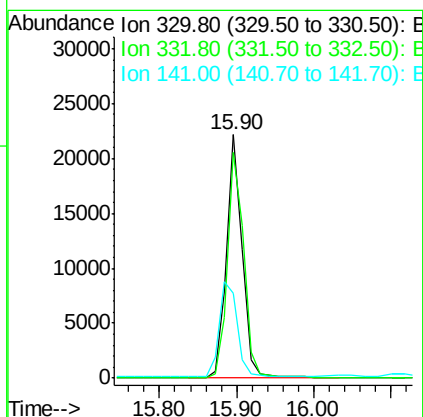
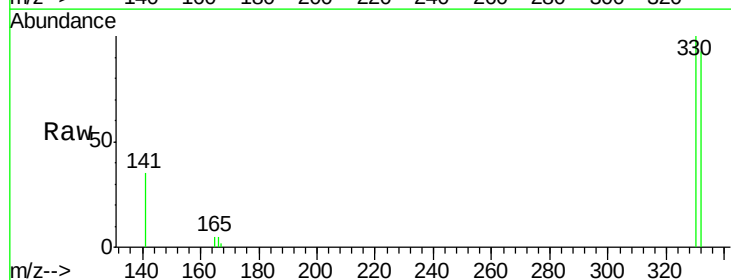
Instrument :
BNA_E
ClientSampleId :
BCR08MS

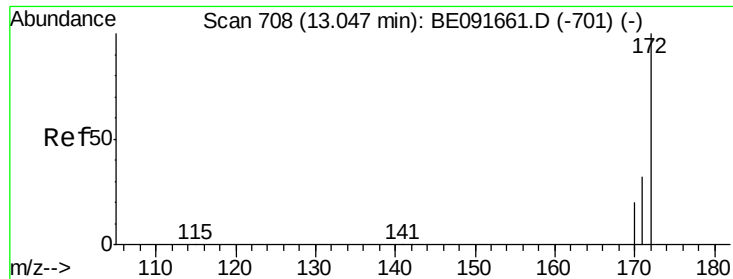
Tgt Ion:164 Resp: 115711
Ion Ratio Lower Upper
164 100
162 104.0 85.3 127.9
160 45.1 46.2 69.2#



#14
2,4,6-Tribromophenol
Concen: 10.41 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

Tgt Ion:330 Resp: 35066
Ion Ratio Lower Upper
330 100
332 97.7 79.1 118.7
141 40.0 125.4 188.0#

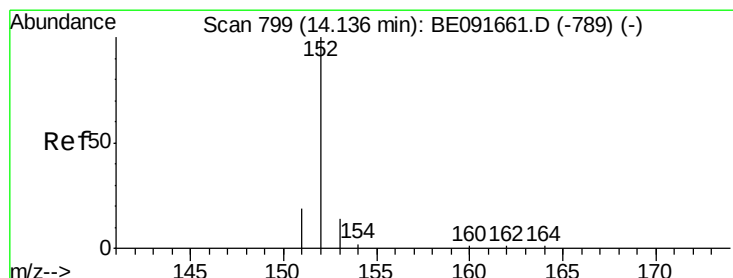
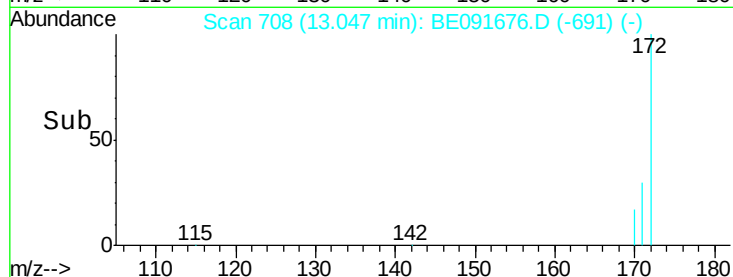
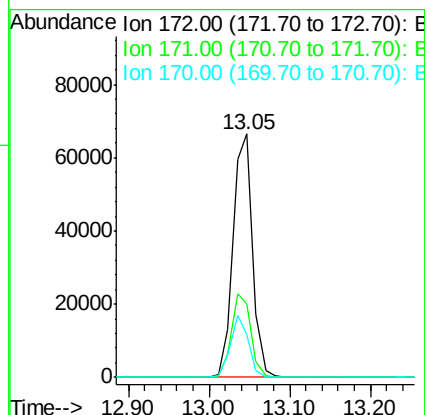
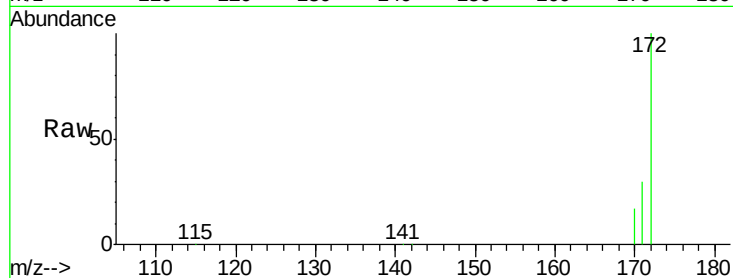




#15
2-Fluorobiphenyl
Concen: 3.43 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

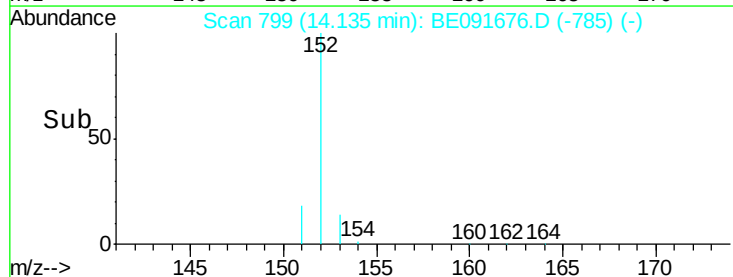
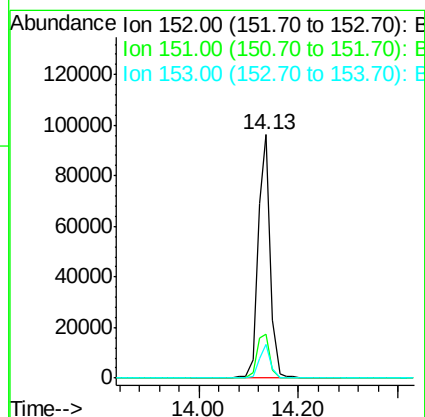
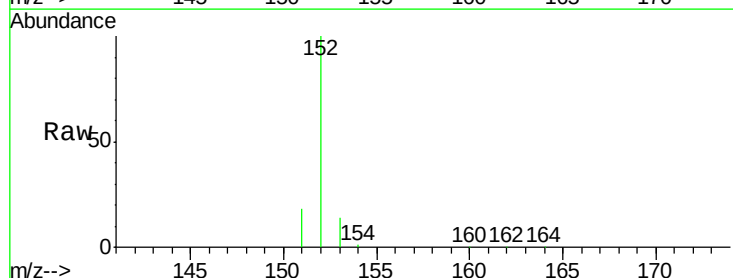
Instrument :
BNA_E
ClientSampleId :
BCR08MS

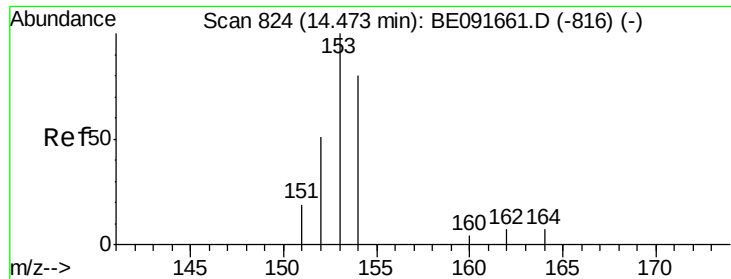
Tgt Ion:172 Resp: 110519
Ion Ratio Lower Upper
172 100
171 30.3 28.8 43.2
170 17.5 19.3 28.9#



#16
Acenaphthylene
Concen: 4.06 ng
RT: 14.13 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

Tgt Ion:152 Resp: 173007
Ion Ratio Lower Upper
152 100
151 20.1 3.9 5.9#
153 13.8 10.3 15.5

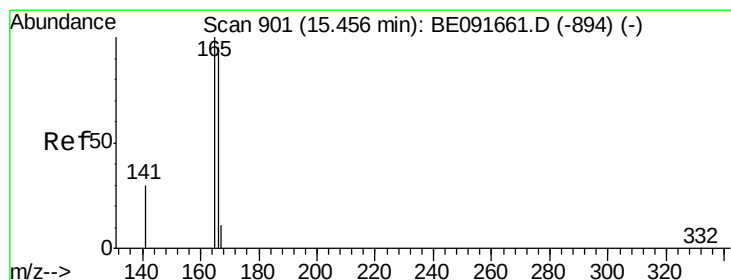
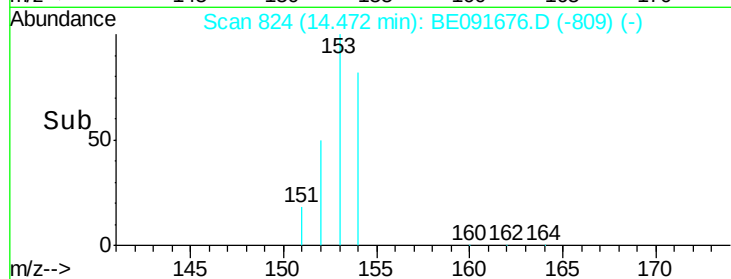
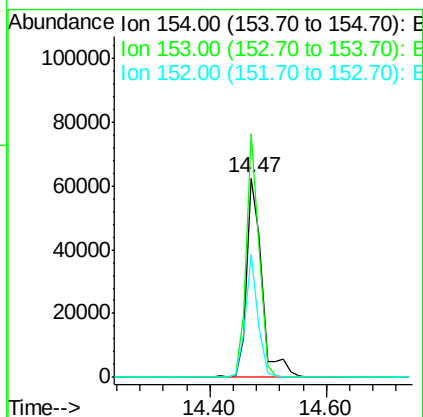
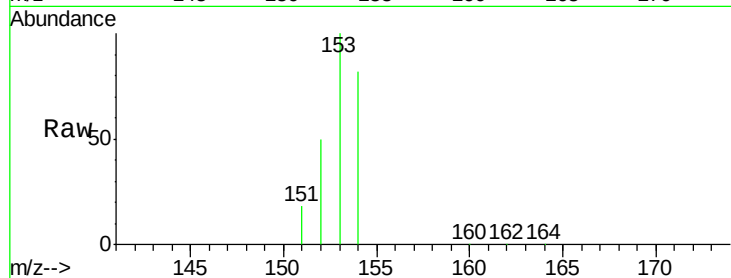




#17
Acenaphthene
Concen: 3.93 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

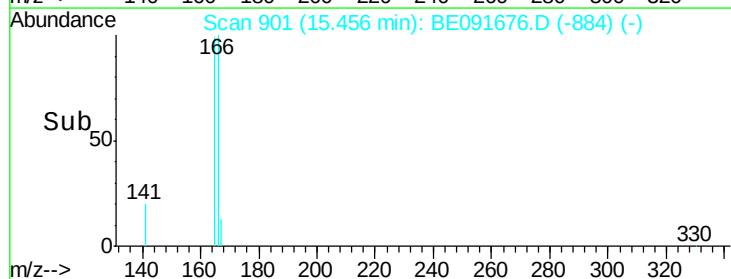
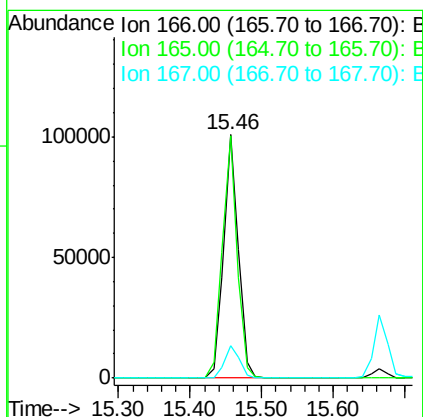
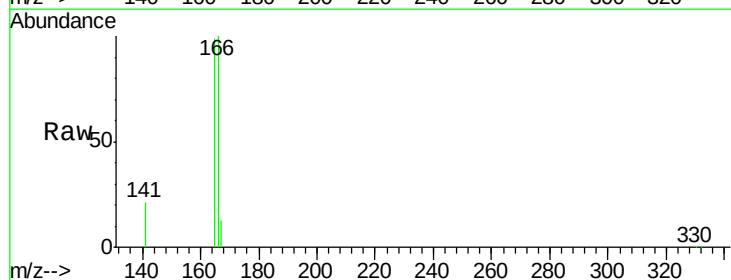
Instrument :
BNA_E
ClientSampleId :
BCR08MS

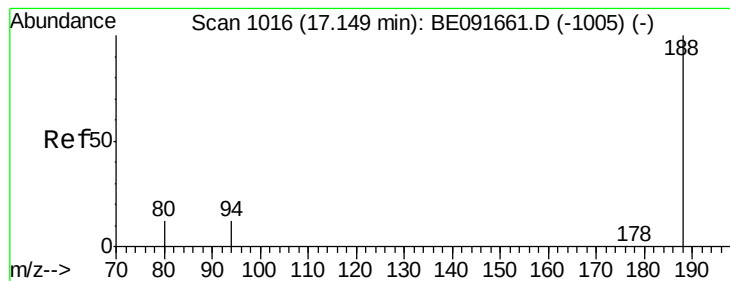
Tgt Ion:154 Resp: 111870
Ion Ratio Lower Upper
154 100
153 102.7 80.0 120.0
152 50.4 40.0 60.0



#18
Fluorene
Concen: 4.14 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

Tgt Ion:166 Resp: 144434
Ion Ratio Lower Upper
166 100
165 99.4 80.8 121.2
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

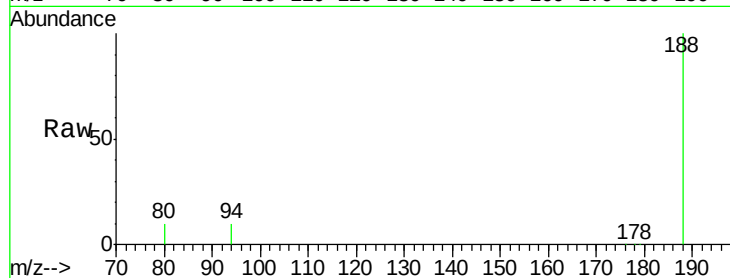
Tgt Ion:188 Resp: 275159

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

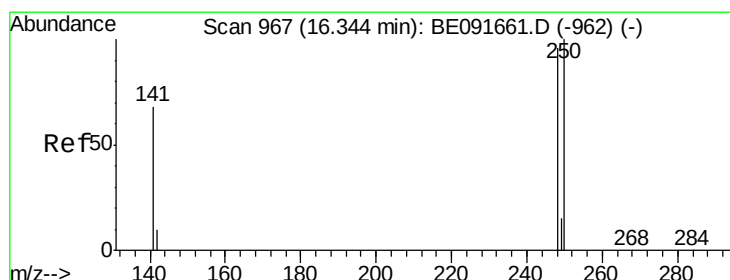
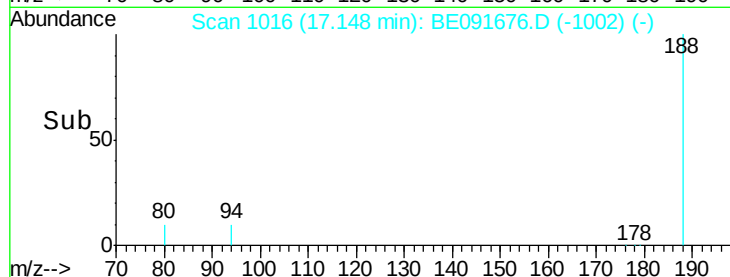
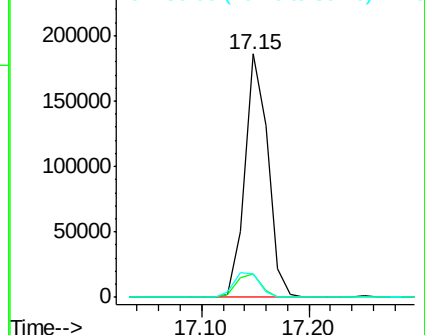
80 9.6 9.4 14.0



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



#20

4-Bromophenyl-phenylether

Concen: 4.38 ng

RT: 16.34 min Scan# 967

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

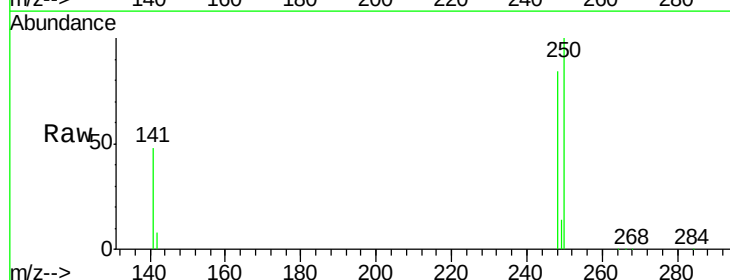
Tgt Ion:248 Resp: 41797

Ion Ratio Lower Upper

248 100

250 97.5 80.5 120.7

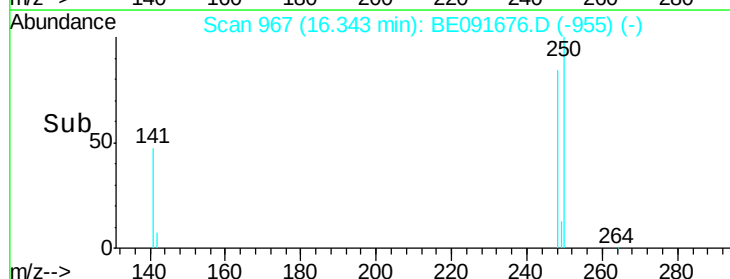
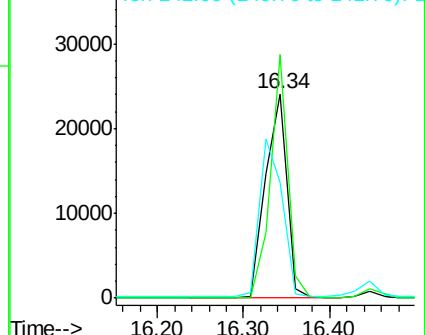
141 82.6 72.0 108.0

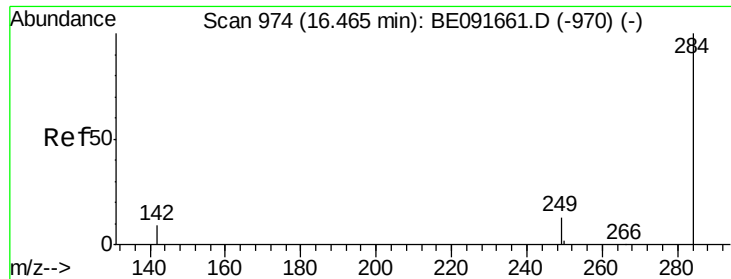


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

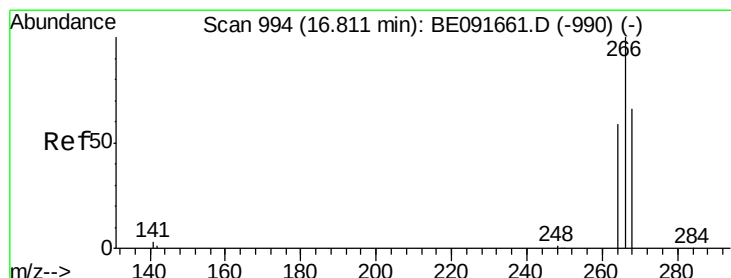
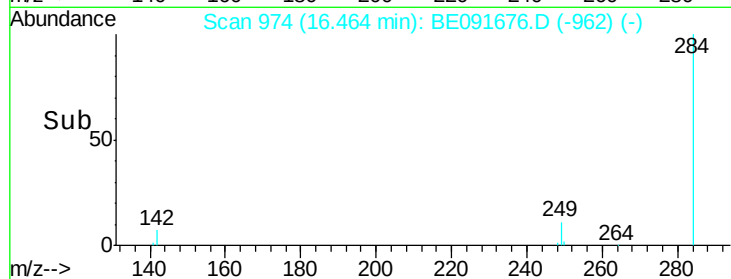
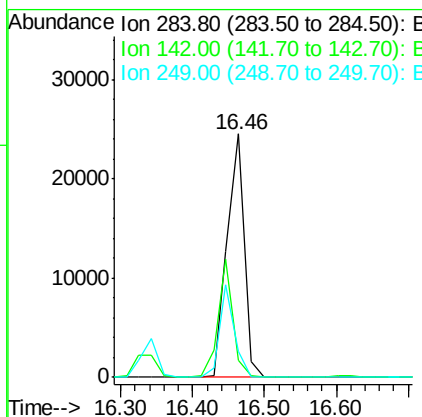
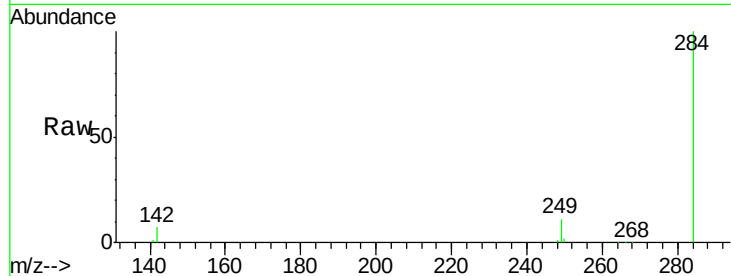




#21
Hexachlorobenzene
Concen: 4.00 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

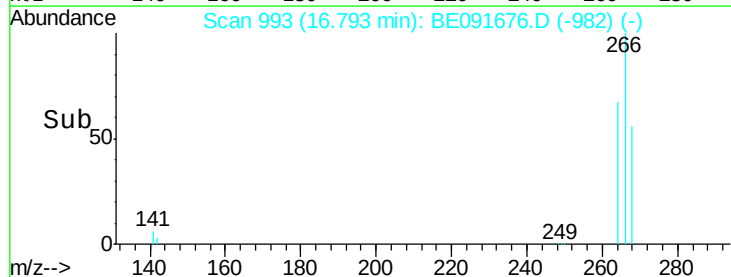
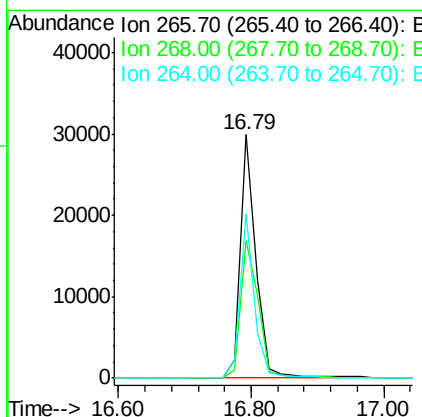
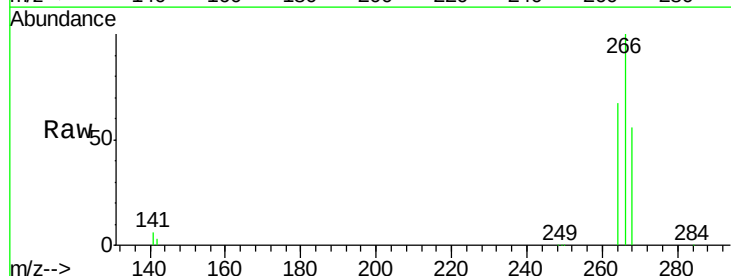
Instrument :
BNA_E
ClientSampleId :
BCR08MS

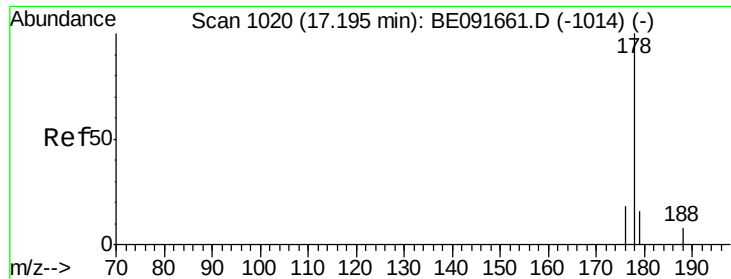
Tgt Ion: 284 Resp: 40377
Ion Ratio Lower Upper
284 100
142 41.7 32.2 48.2
249 33.0 25.4 38.2



#22
Pentachlorophenol
Concen: 9.24 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

Tgt Ion: 266 Resp: 48188
Ion Ratio Lower Upper
266 100
268 56.5 58.2 87.2#
264 67.5 56.2 84.4

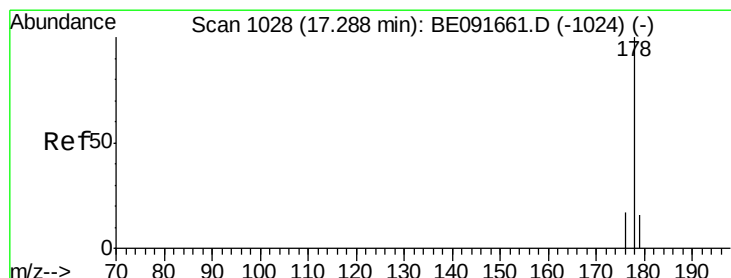
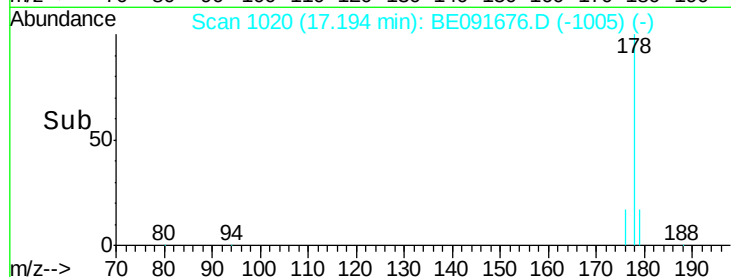
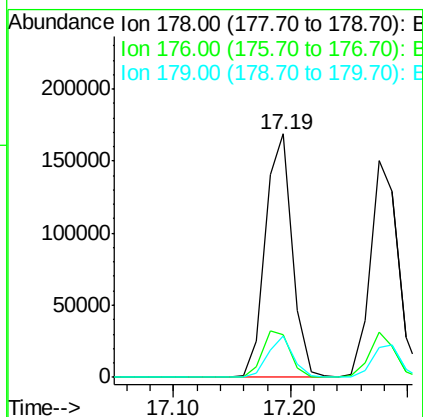
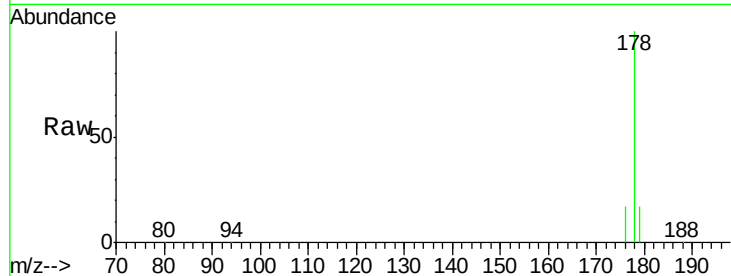




#23
Phenanthrene
Concen: 4.30 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

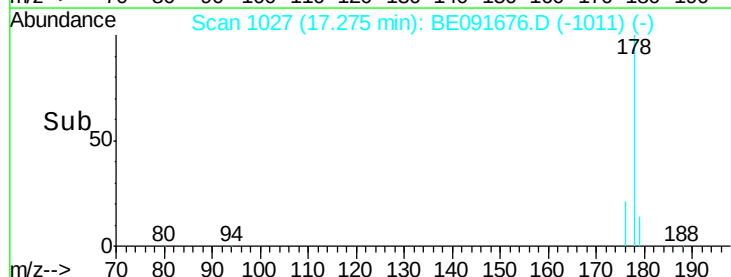
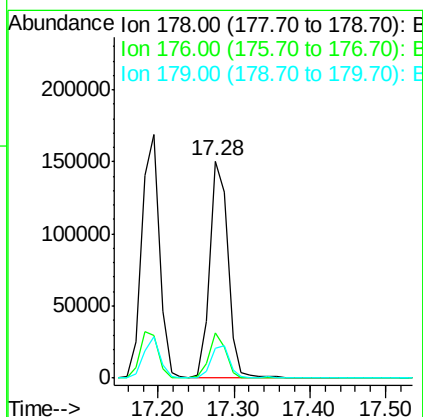
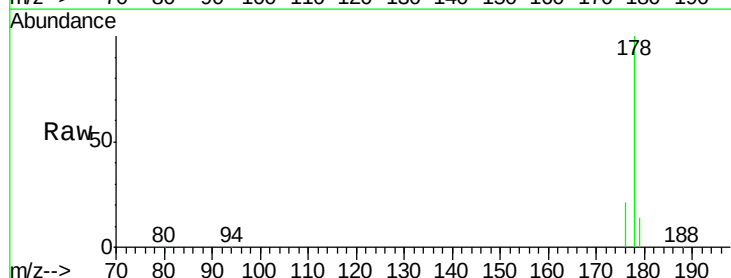
Instrument :
BNA_E
ClientSampleId :
BCR08MS

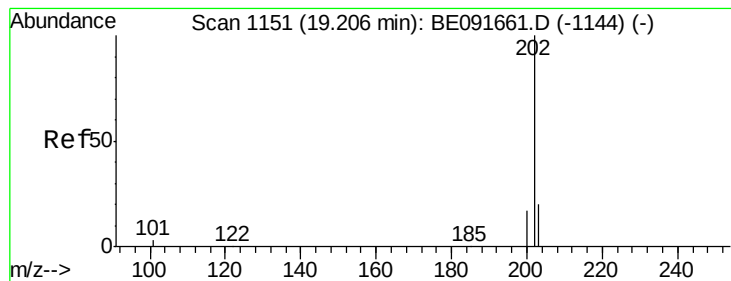
Tgt Ion:178 Resp: 268750
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.6 18.8



#24
Anthracene
Concen: 4.46 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

Tgt Ion:178 Resp: 247505
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.0 11.8 17.6





#25

Fluoranthene

Concen: 5.03 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

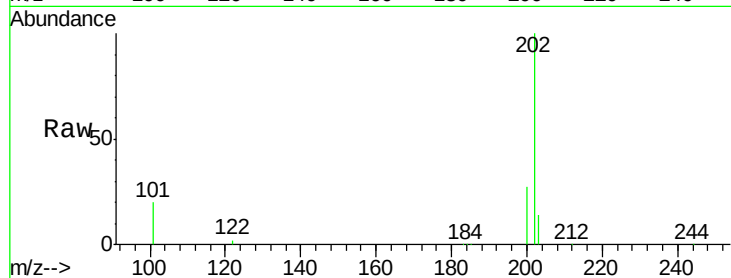
Tgt Ion:202 Resp: 312285

Ion Ratio Lower Upper

202 100

101 12.2 11.0 16.6

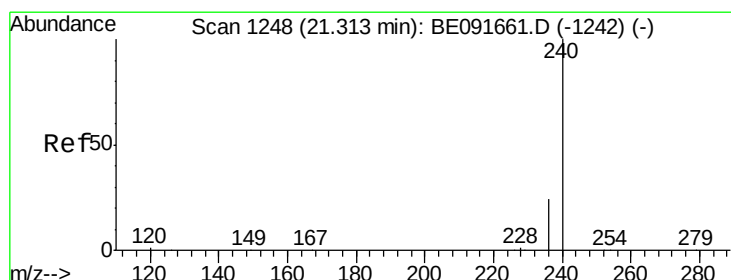
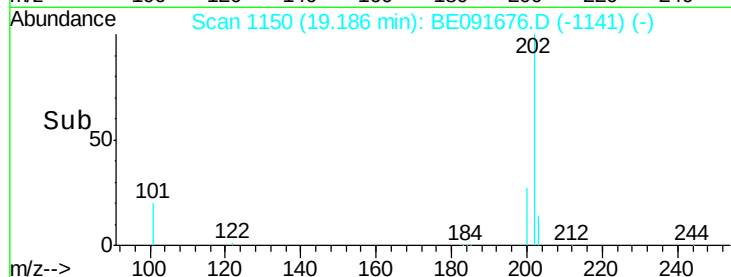
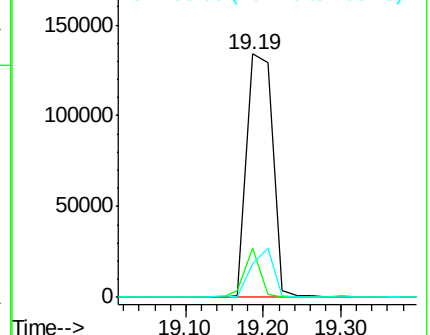
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

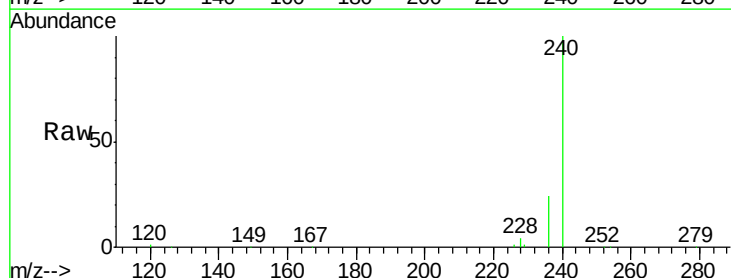
Tgt Ion:240 Resp: 345247

Ion Ratio Lower Upper

240 100

120 1.3 11.0 16.4#

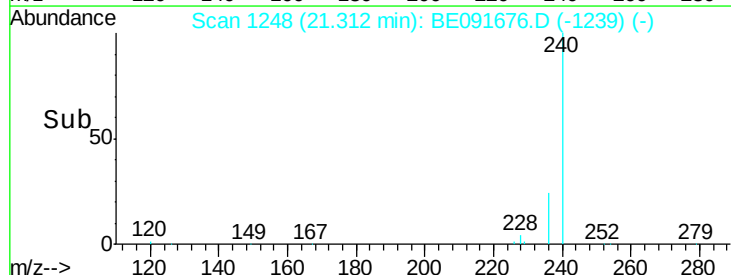
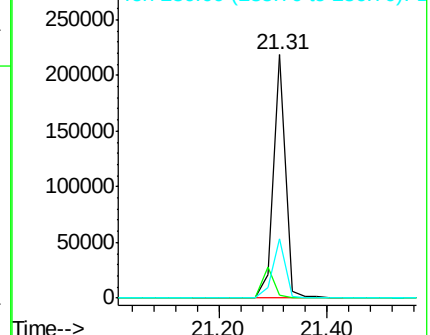
236 24.3 21.7 32.5

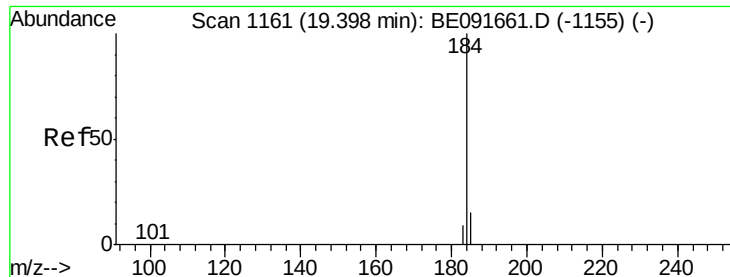


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

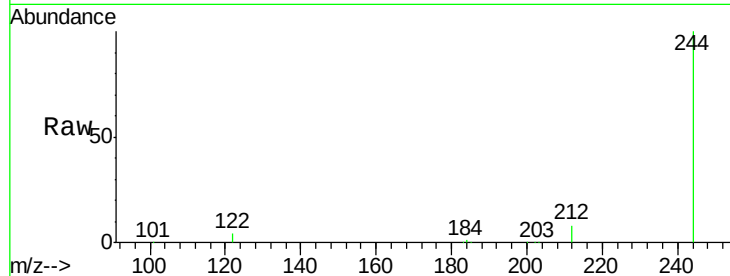




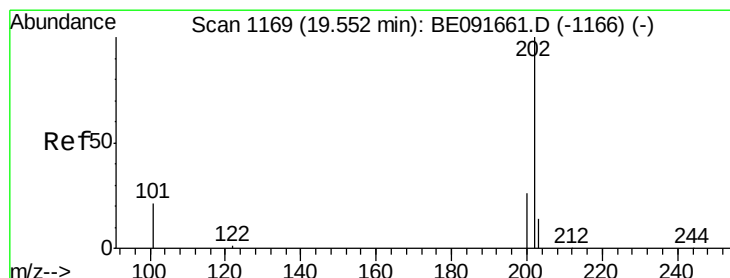
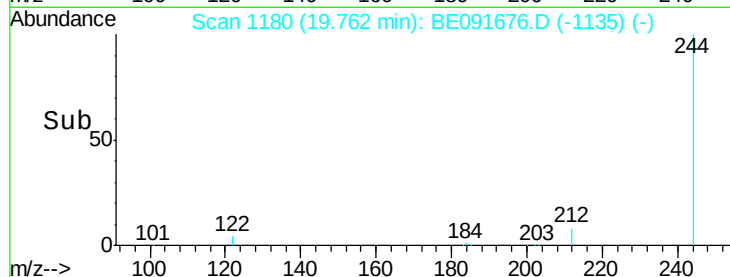
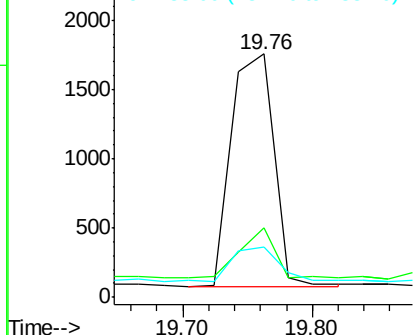
#27
Benzidine
Concen: 0.24 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.36 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

Instrument :
BNA_E
ClientSampleId :
BCR08MS

Tgt Ion:184 Resp: 3822
Ion Ratio Lower Upper
184 100
185 28.6 22.3 33.5
183 20.6 16.4 24.6

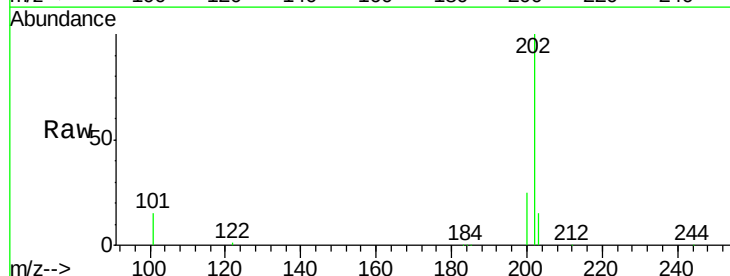


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

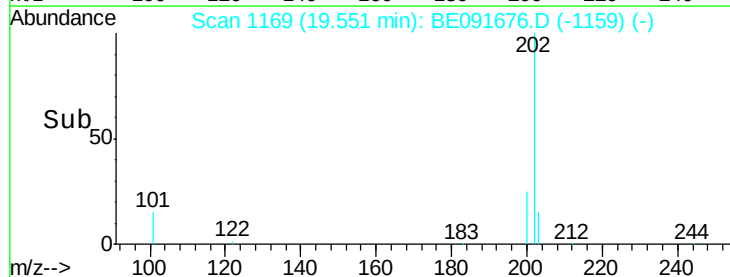
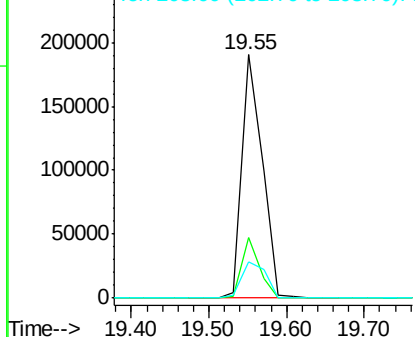


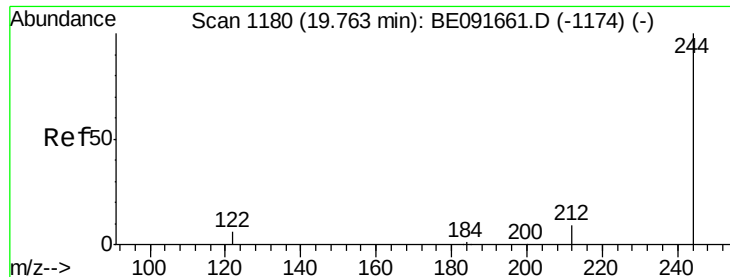
#28
Pyrene
Concen: 4.99 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091676.D
Acq: 18 Apr 2016 22:53

Tgt Ion:202 Resp: 344091
Ion Ratio Lower Upper
202 100
200 21.9 16.8 25.2
203 18.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.02 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

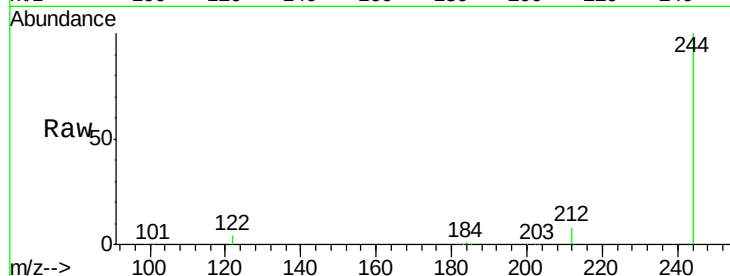
Tgt Ion:244 Resp: 236372

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

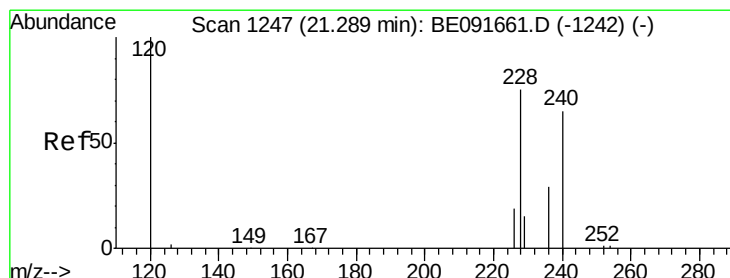
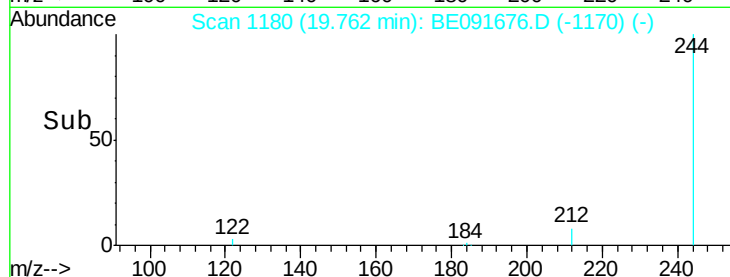
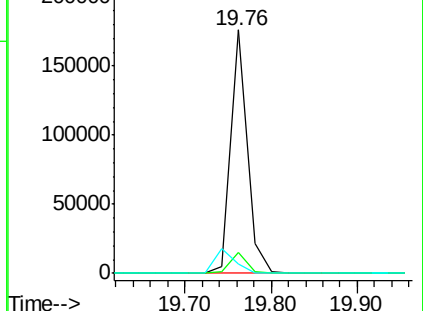
122 3.6 11.0 16.4#



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: 9.28 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

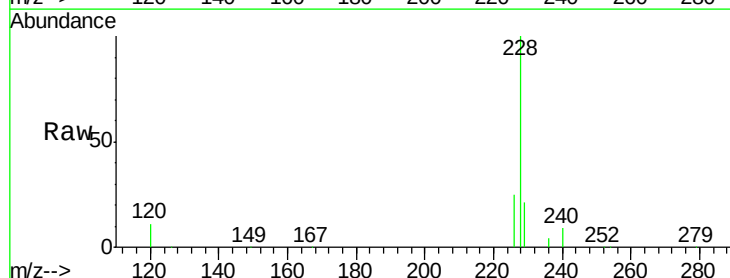
Tgt Ion:228 Resp: 742764

Ion Ratio Lower Upper

228 100

226 25.0 21.0 31.4

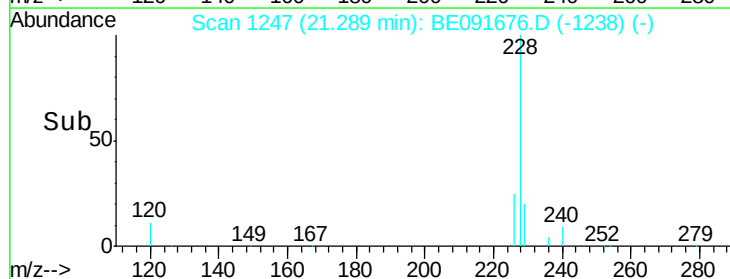
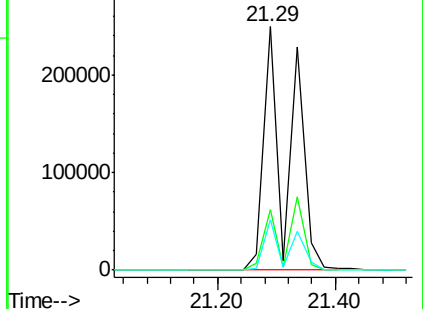
229 20.5 15.7 23.5

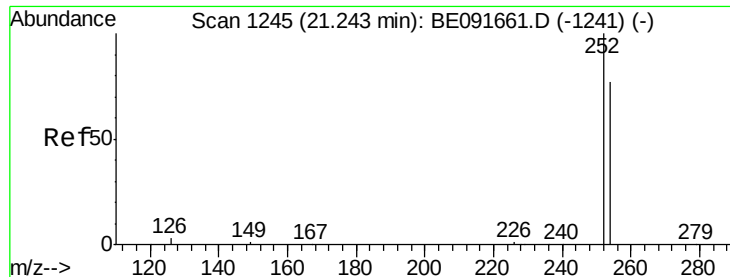


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

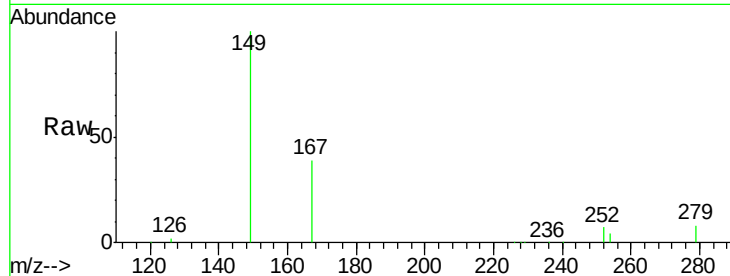




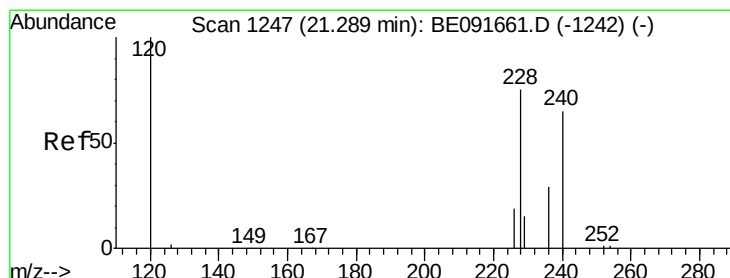
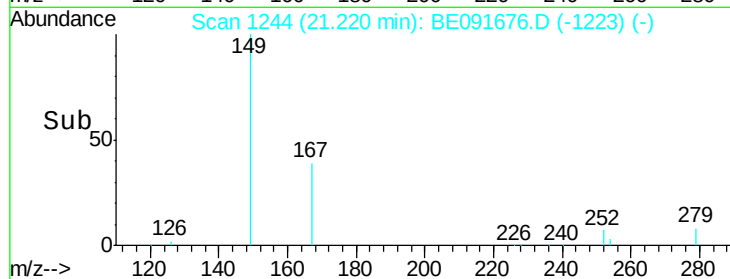
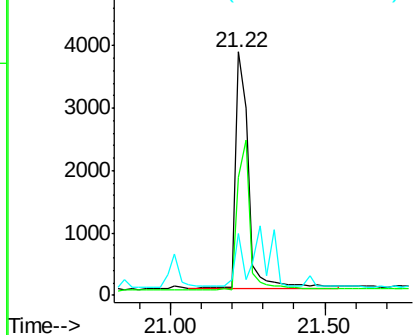
#31
 3,3'-Dichlorobenzidine
 Concen: 0.43 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091676.D
 Acq: 18 Apr 2016 22:53

Instrument :
 BNA_E
 ClientSampleId :
 BCR08MS

Tgt Ion: 252 Resp: 11077
 Ion Ratio Lower Upper
 252 100
 254 48.3 51.1 76.7#
 126 25.6 12.6 18.8#

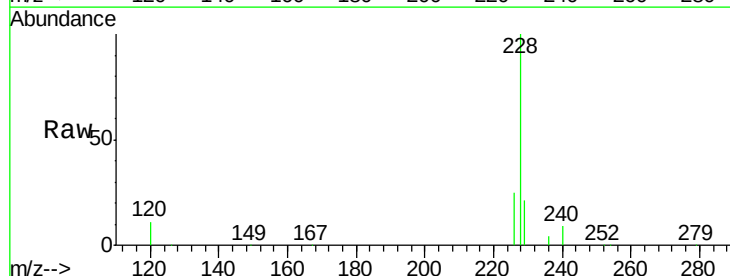


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

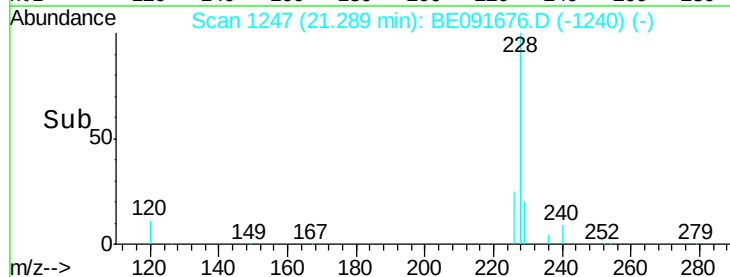
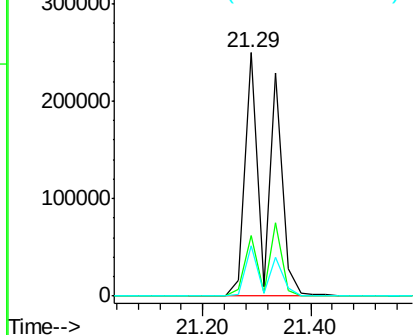


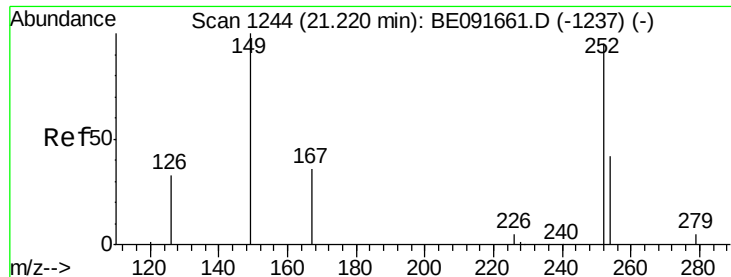
#32
 Chrysene
 Concen: 9.18 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091676.D
 Acq: 18 Apr 2016 22:53

Tgt Ion: 228 Resp: 745646
 Ion Ratio Lower Upper
 228 100
 226 25.0 24.0 36.0
 229 20.5 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

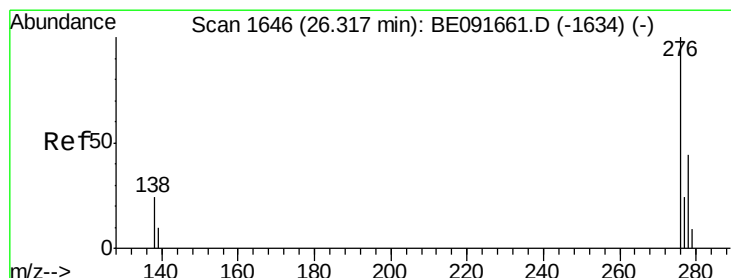
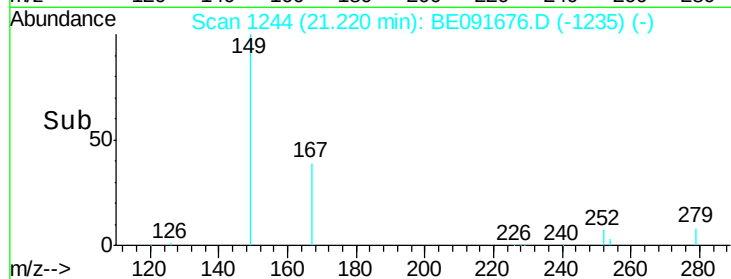
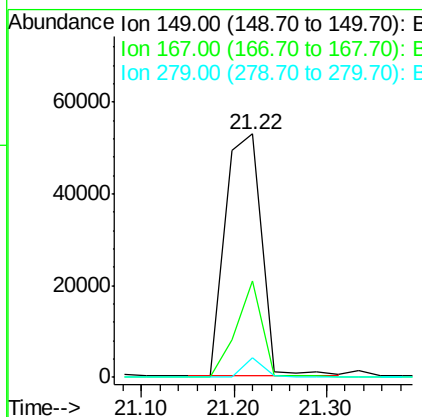
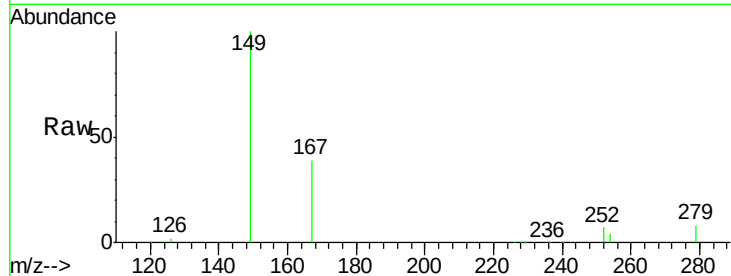




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 7.34 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091676.D
 Acq: 18 Apr 2016 22:53

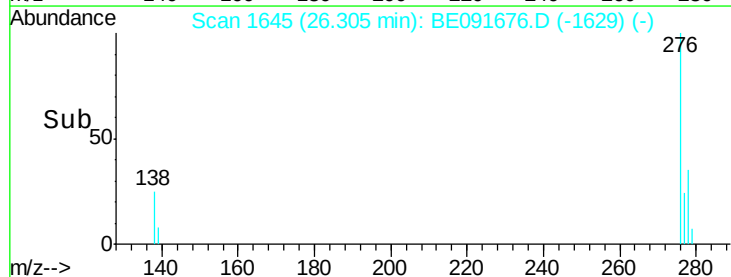
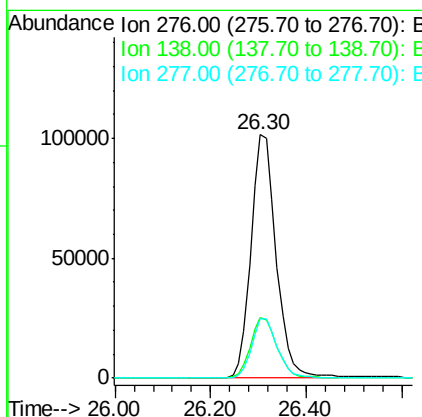
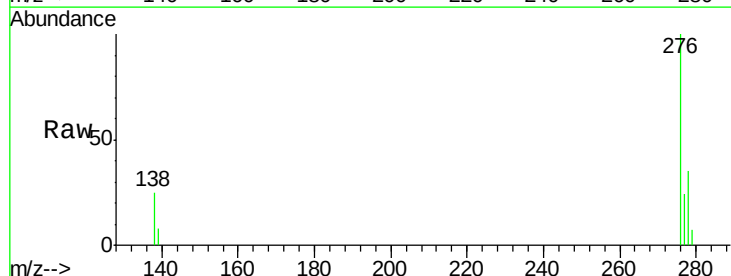
Instrument :
 BNA_E
 ClientSampleId :
 BCR08MS

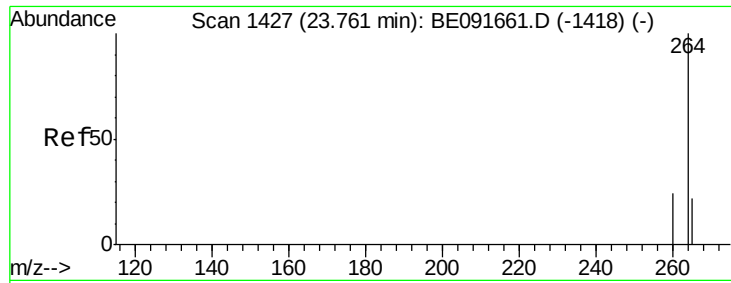
Tgt Ion:149 Resp: 143992
 Ion Ratio Lower Upper
 149 100
 167 28.2 19.5 29.3
 279 4.5 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 5.01 ng
 RT: 26.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE091676.D
 Acq: 18 Apr 2016 22:53

Tgt Ion:276 Resp: 370379
 Ion Ratio Lower Upper
 276 100
 138 26.0 23.4 35.2
 277 24.8 19.8 29.8

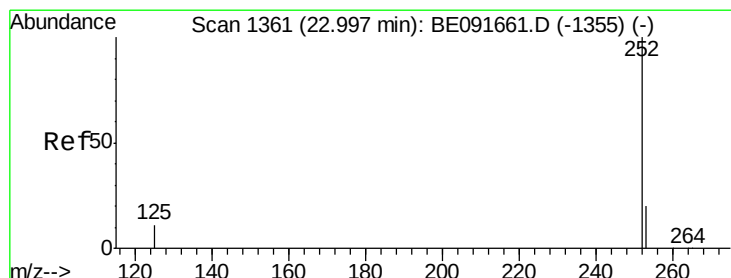
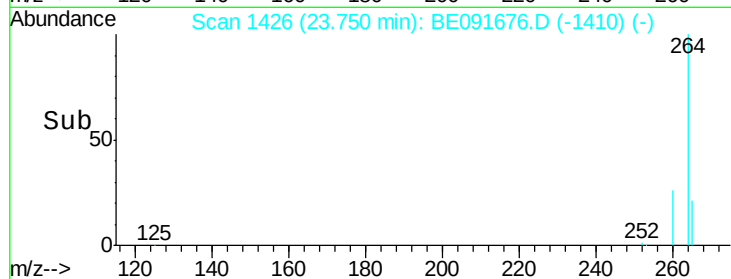
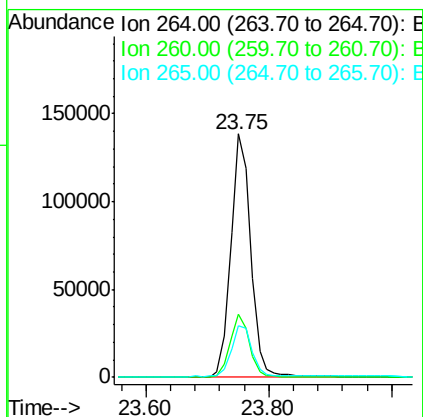
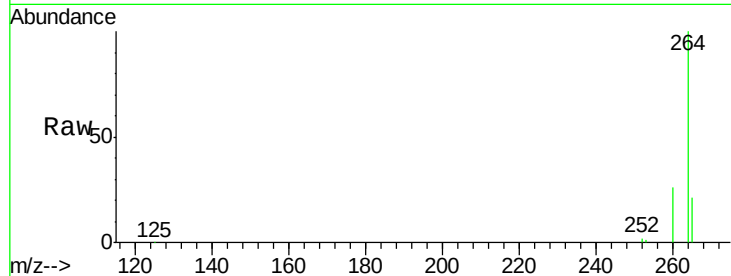




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BE091676.D
 Acq: 18 Apr 2016 22:53

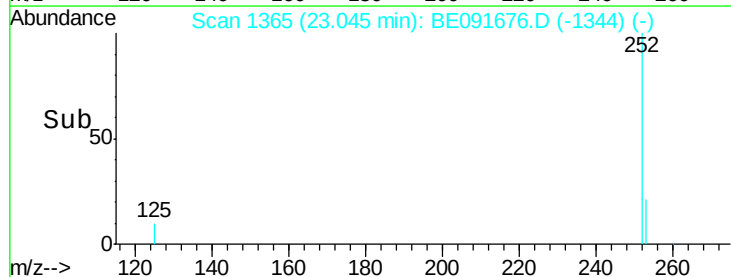
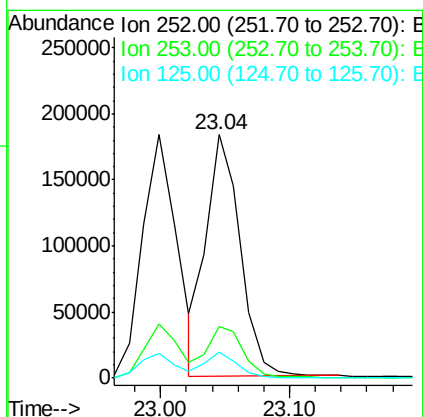
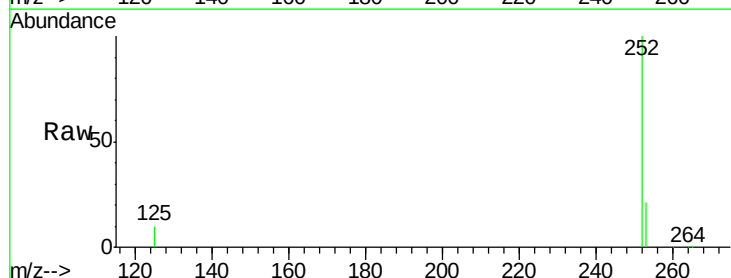
Instrument :
 BNA_E
 ClientSampleId :
 BCR08MS

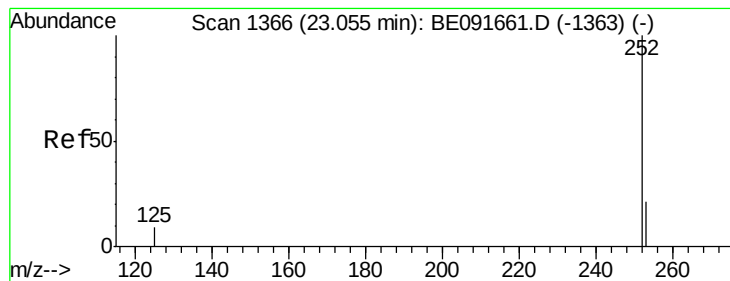
Tgt Ion: 264 Resp: 314526
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 21.2 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 4.87 ng
 RT: 23.04 min Scan# 1365
 Delta R.T. 0.05 min
 Lab File: BE091676.D
 Acq: 18 Apr 2016 22:53

Tgt Ion: 252 Resp: 337028
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.4 26.0
 125 10.4 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 4.67 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

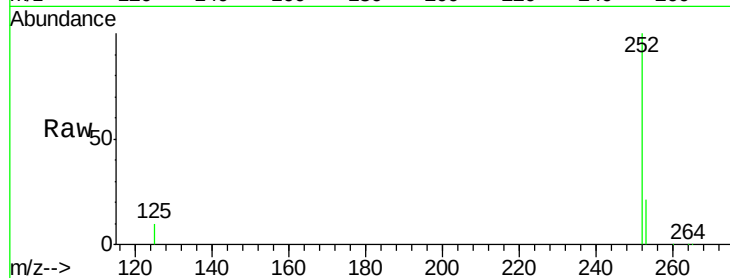
Tgt Ion:252 Resp: 343228

Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

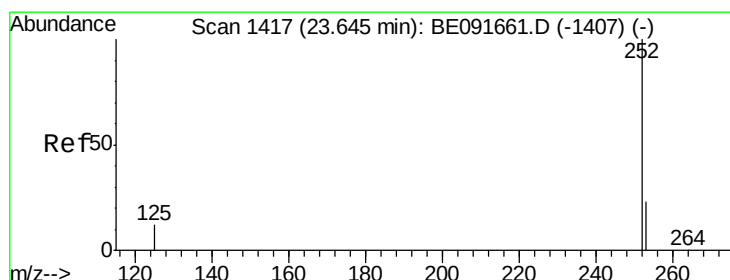
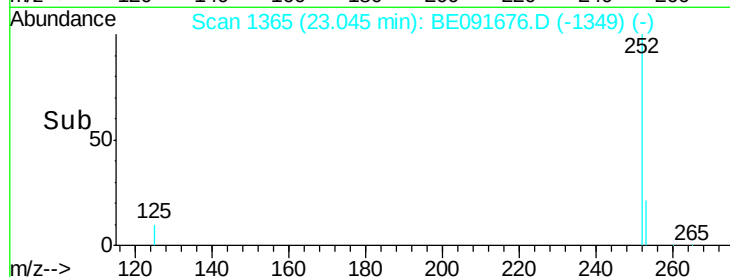
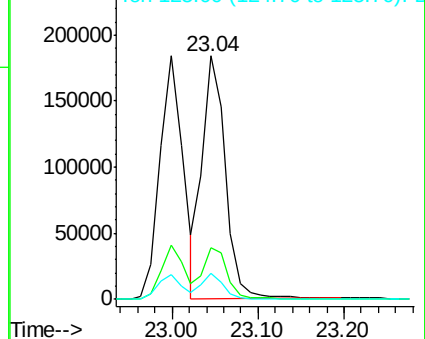
125 10.4 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 4.85 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

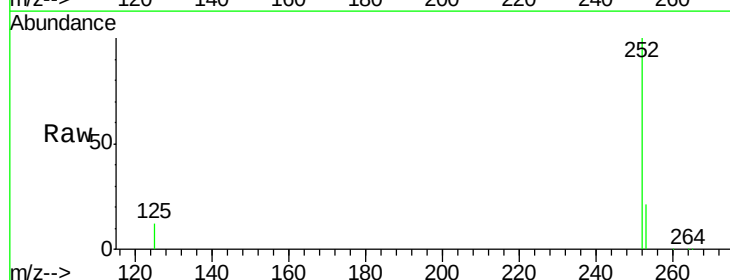
Tgt Ion:252 Resp: 313059

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

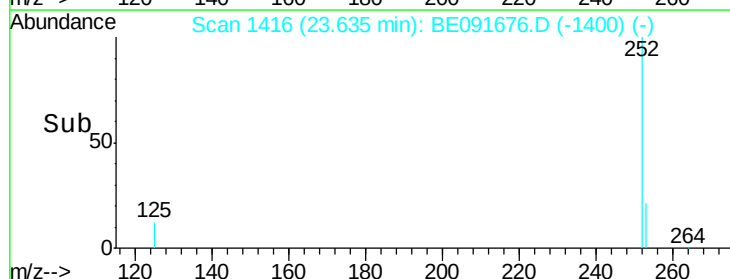
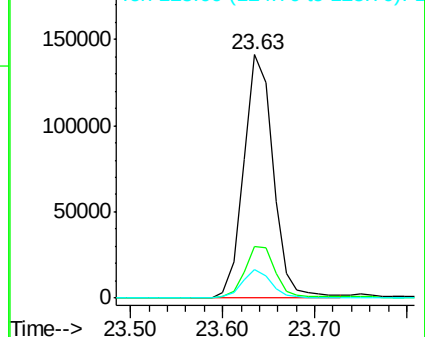
125 11.7 11.0 16.4

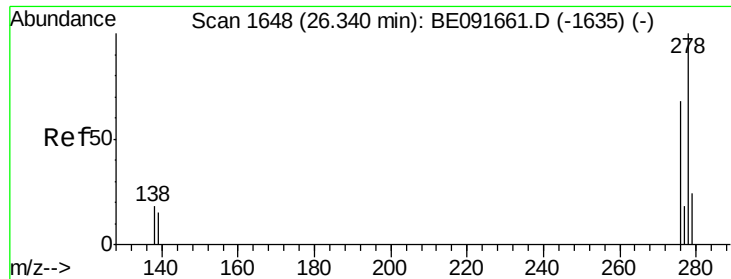


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.89 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

Instrument :

BNA_E

ClientSampleId :

BCR08MS

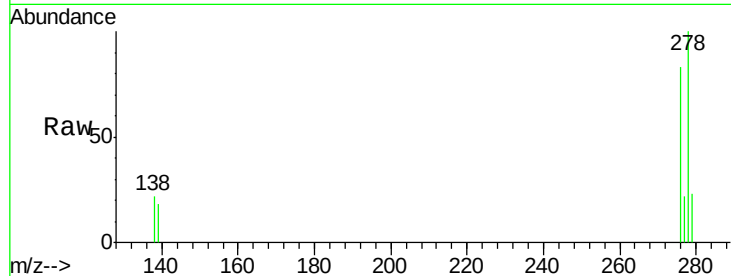
Tgt Ion: 278 Resp: 308410

Ion Ratio Lower Upper

278 100

139 17.6 16.0 24.0

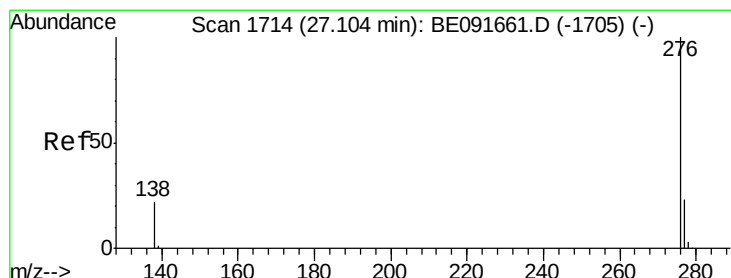
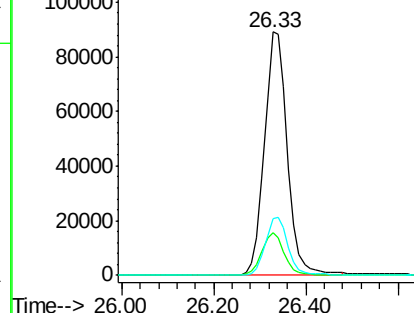
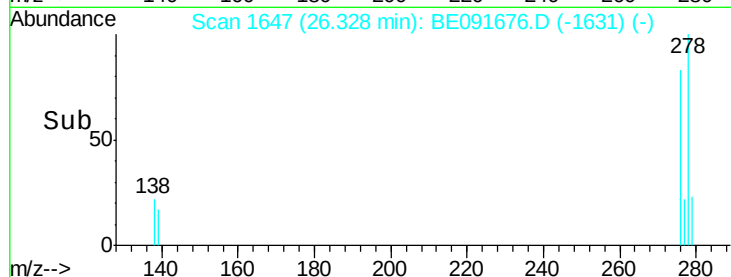
279 23.1 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 4.78 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BE091676.D

Acq: 18 Apr 2016 22:53

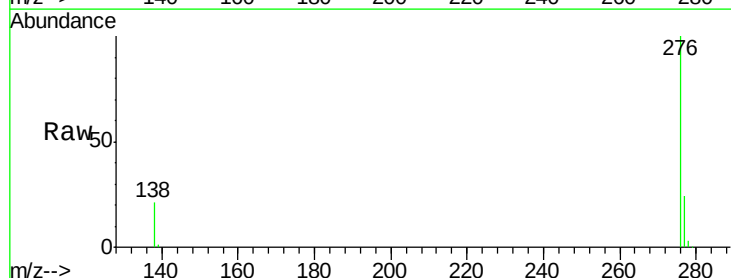
Tgt Ion: 276 Resp: 312641

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 20.9 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

