

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
 Data File : BE091802.D
 Acq On : 19 May 2016 10:07
 Operator : UM/SJ
 Sample : SSTDICC05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 13:18:02 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 13:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	23735	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	124425	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	85514	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	250516	5.00	ng	0.00
26) Chrysene-d12	21.29	240	280882	5.00	ng	0.00
35) Perylene-d12	23.73	264	264724	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	28700	4.92	ng	0.00
5) Phenol-d6	6.95	99	42659	5.52	ng	0.00
8) Nitrobenzene-d5	8.93	82	40773	5.08	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	17521	6.53	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	107868	4.46	ng	-0.01
29) Terphenyl-d14	19.74	244	195352	4.46	ng	0.00

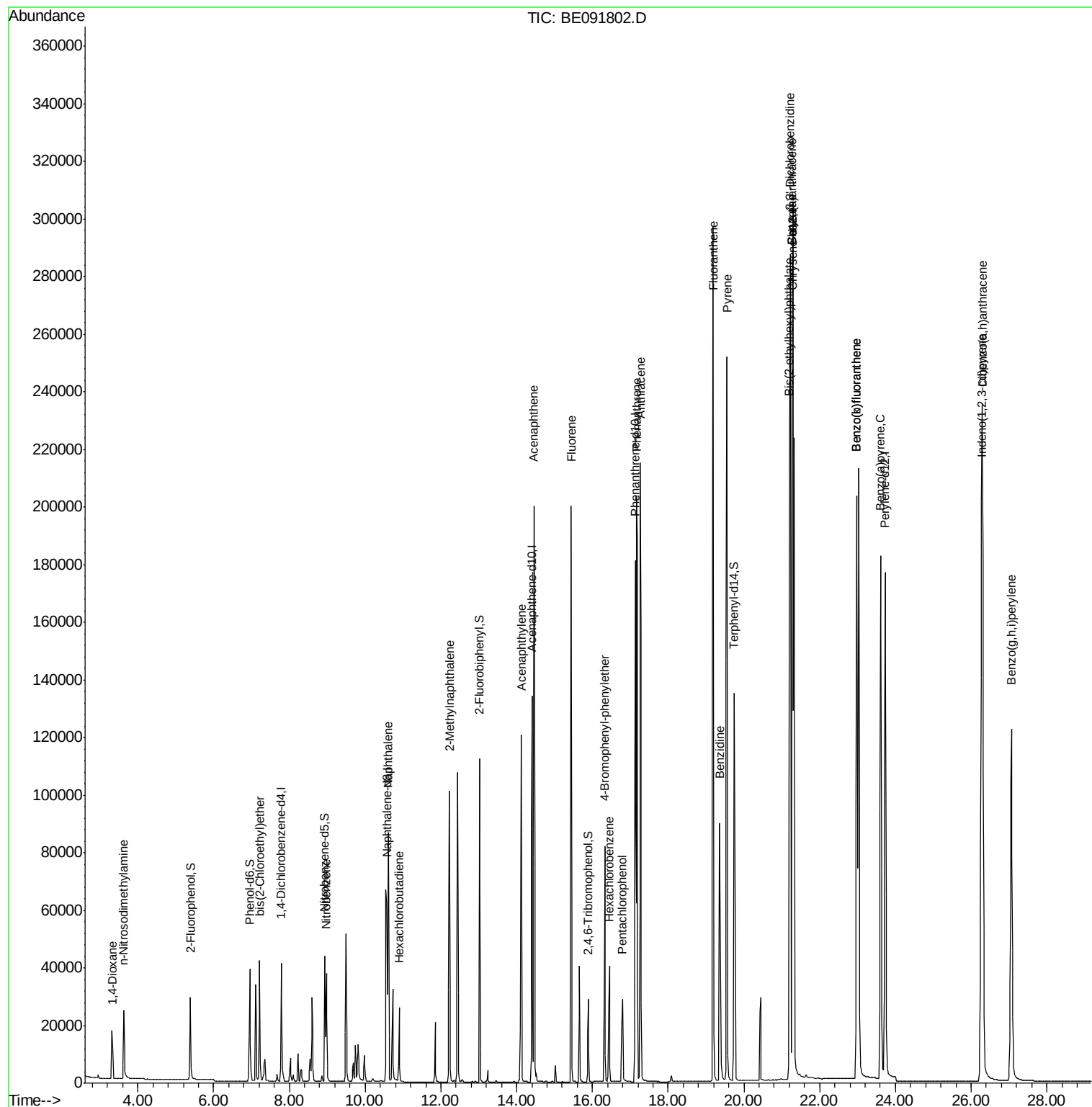
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	12134	3.40	ng	89
3) n-Nitrosodimethylamine	3.63	42	17338	4.02	ng	# 93
6) bis(2-Chloroethyl)ether	7.21	93	33310	4.90	ng	# 77
9) Nitrobenzene	8.98	77	43033	5.12	ng	93
10) Naphthalene	10.61	128	120951	4.81	ng	98
11) Hexachlorobutadiene	10.90	225	19719	5.31	ng	97
12) 2-Methylnaphthalene	12.23	142	84490	5.23	ng	# 90
16) Acenaphthylene	14.12	152	180382	5.48	ng	# 86
17) Acenaphthene	14.46	154	105418	4.94	ng	92
18) Fluorene	15.45	166	139124	5.25	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	41124	4.56	ng	92
21) Hexachlorobenzene	16.45	284	41623	4.62	ng	98
22) Pentachlorophenol	16.79	266	23893	5.63	ng	# 90
23) Phenanthrene	17.17	178	248402	4.36	ng	99
24) Anthracene	17.26	178	245578	4.78	ng	99
25) Fluoranthene	19.19	202	300526	5.05	ng	# 96
27) Benzidine	19.36	184	138949	8.66	ng	# 75
28) Pyrene	19.55	202	309269	4.87	ng	99
30) Benzo(a)anthracene	21.27	228	390254	5.69	ng	# 90
31) 3,3'-Dichlorobenzidine	21.22	252	253087	7.23	ng	# 87
32) Chrysene	21.27	228	390164	5.47	ng	94
33) Bis(2-ethylhexyl)phthalate	21.20	149	207472	9.98	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.27	276	347315	5.47	ng	95
36) Benzo(b)fluoranthene	22.98	252	299687	4.83	ng	# 96
37) Benzo(k)fluoranthene	22.98	252	299687	4.75	ng	96
38) Benzo(a)pyrene	23.61	252	297584	5.09	ng	# 95
39) Dibenzo(a,h)anthracene	26.29	278	290327	5.25	ng	96
40) Benzo(g,h,i)perylene	27.06	276	292181	5.19	ng	96

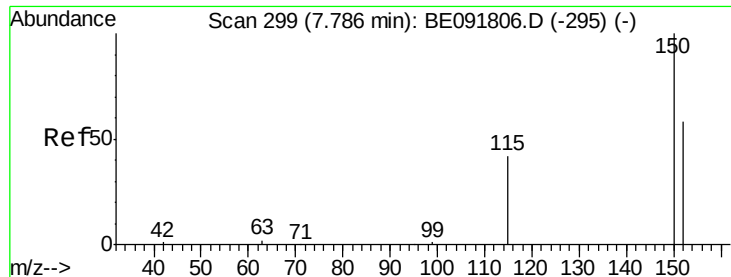
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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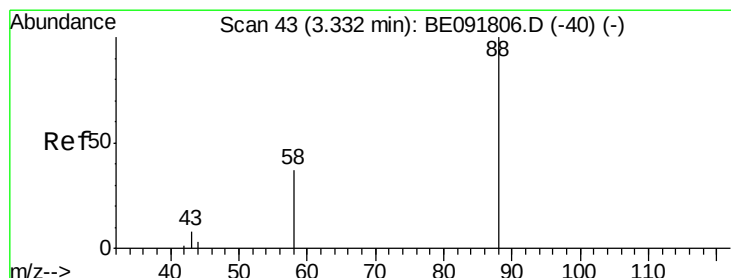
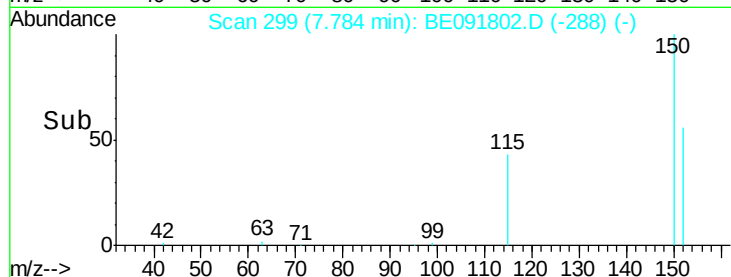
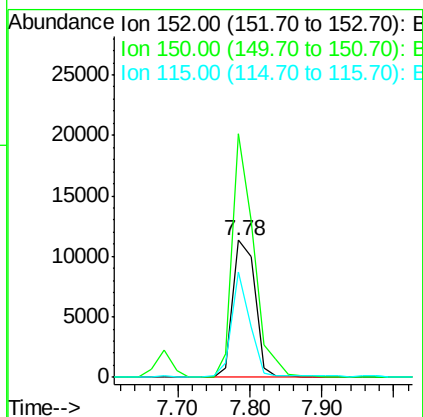
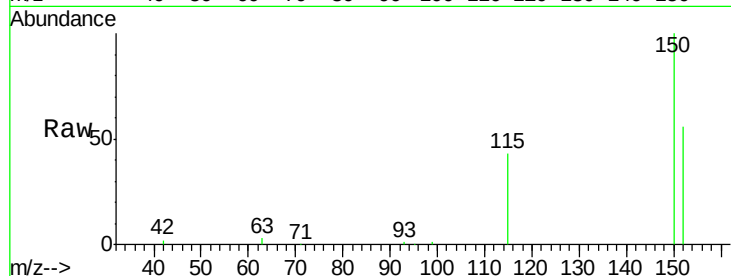


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.78 min Scan# 299
Delta R.T. -0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

Instrument :
BNA_E
ClientSampleId :

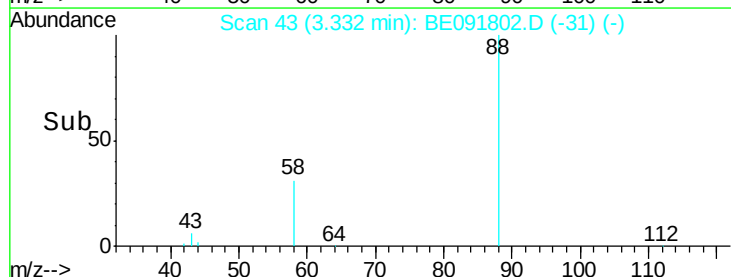
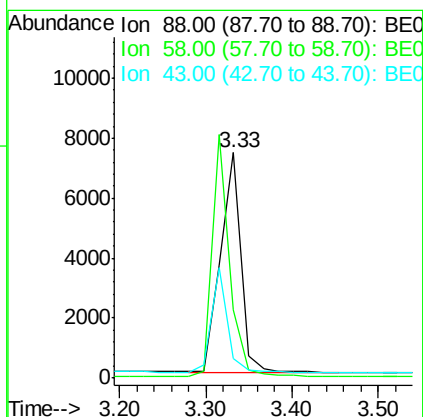
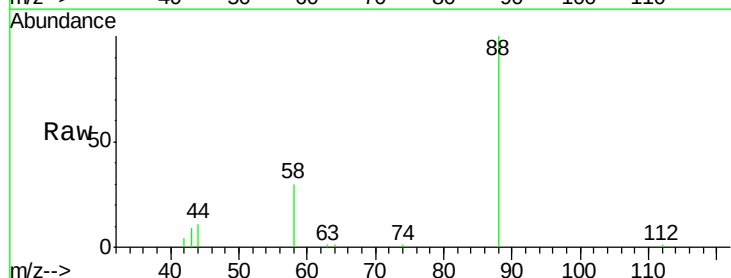
Tot Ion:152 Resp: 23735
Ion Ratio Lower Upper
152 100
150 177.6 122.6 183.8
115 77.1 52.8 79.2

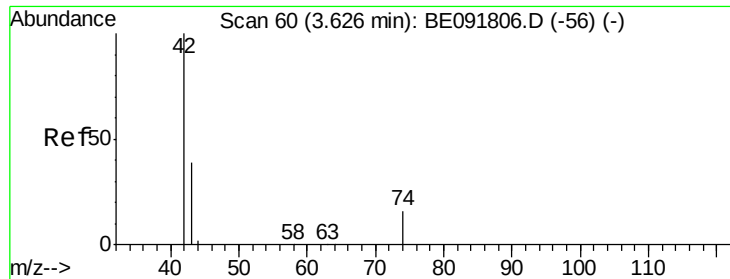


#2

1,4-Dioxane
Concen: 3.40 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

Tgt Ion: 88 Resp: 12134
Ion Ratio Lower Upper
88 100
58 92.1 65.8 98.6
43 37.3 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 4.02 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

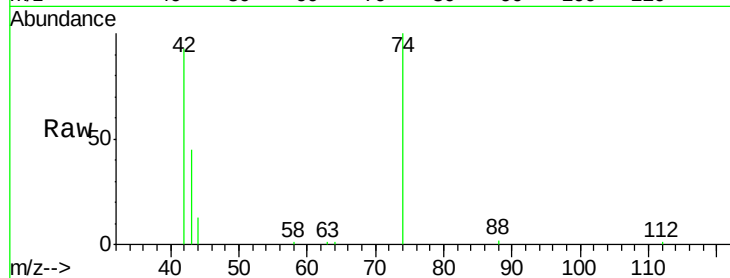
Tot Ion: 42 Resp: 17338

Ion Ratio Lower Upper

42 100

74 117.6 87.9 131.9

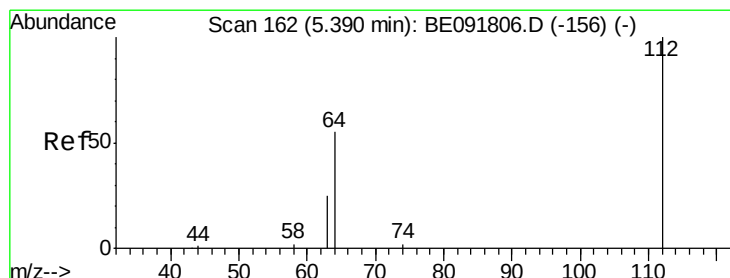
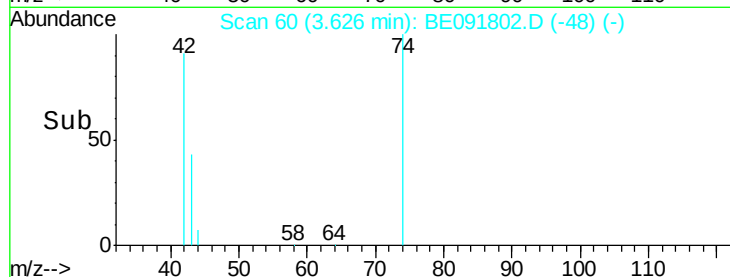
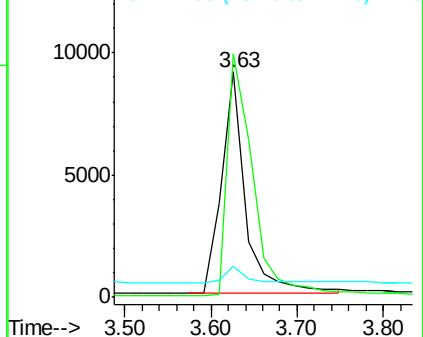
44 6.3 6.6 9.8#



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: 4.92 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

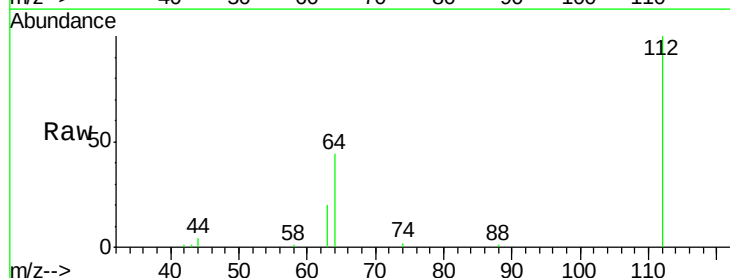
Tgt Ion: 112 Resp: 28700

Ion Ratio Lower Upper

112 100

64 67.1 30.9 46.3#

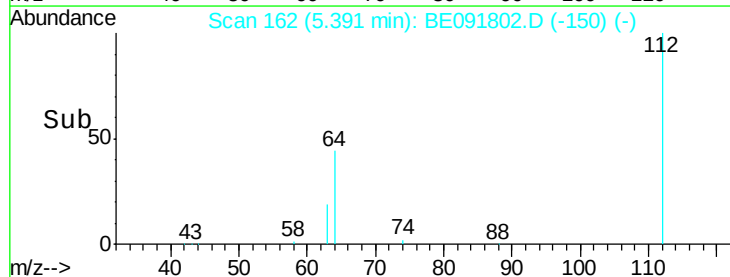
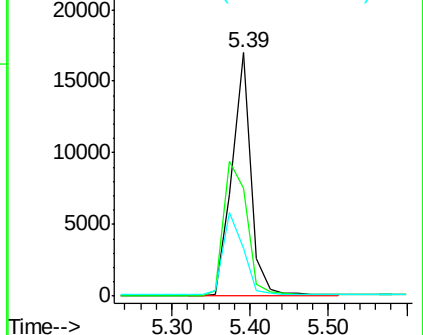
63 36.0 16.7 25.1#

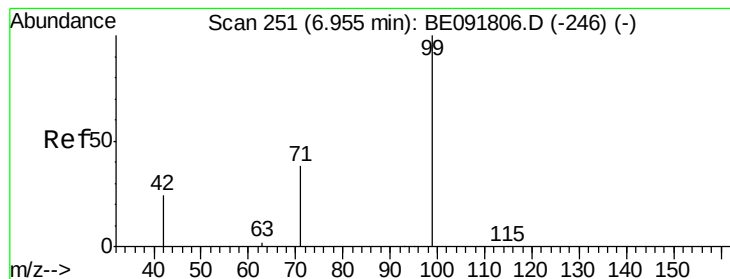


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.52 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

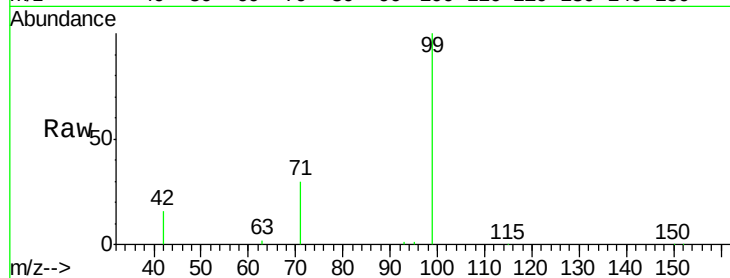
Tot Ion: 99 Resp: 42659

Ion Ratio Lower Upper

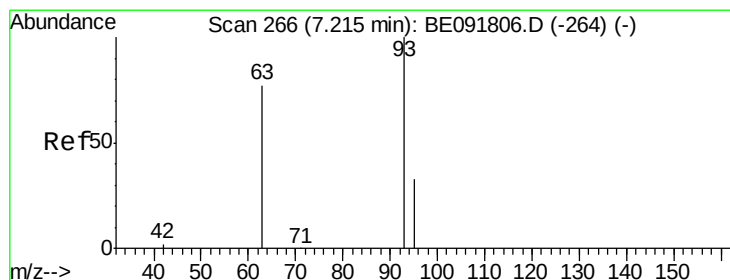
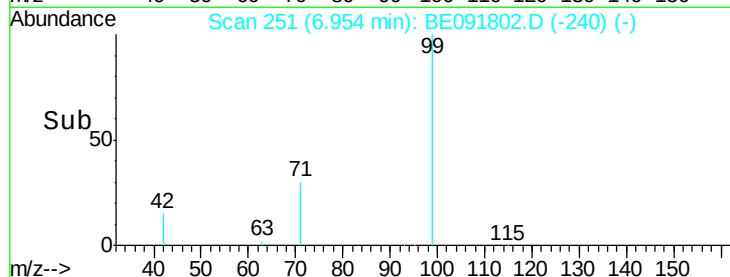
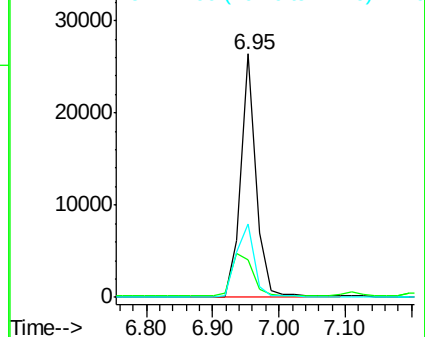
99 100

42 24.3 16.2 24.2#

71 35.3 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



#6

bis(2-Chloroethyl)ether

Concen: 4.90 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

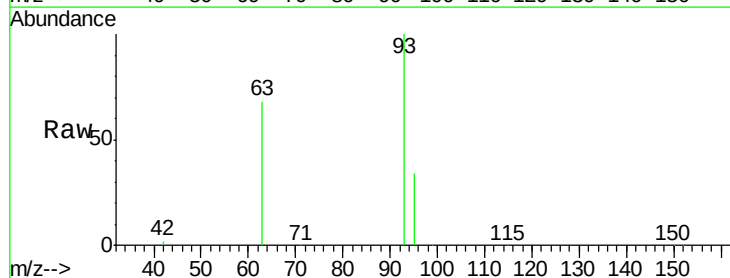
Tgt Ion: 93 Resp: 33310

Ion Ratio Lower Upper

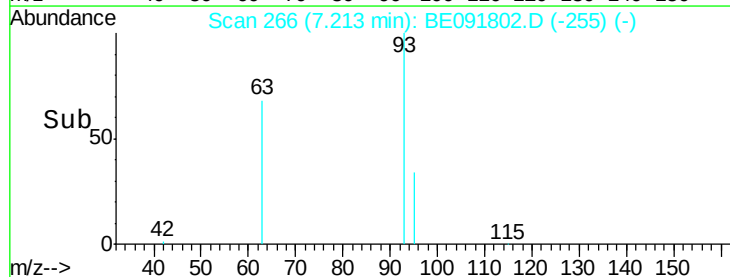
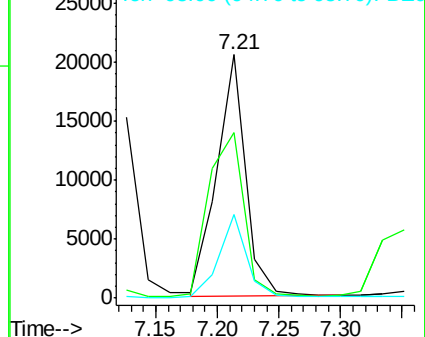
93 100

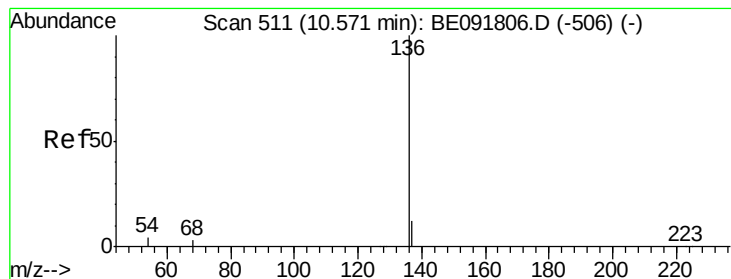
63 84.0 49.5 74.3#

95 32.7 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: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 124425

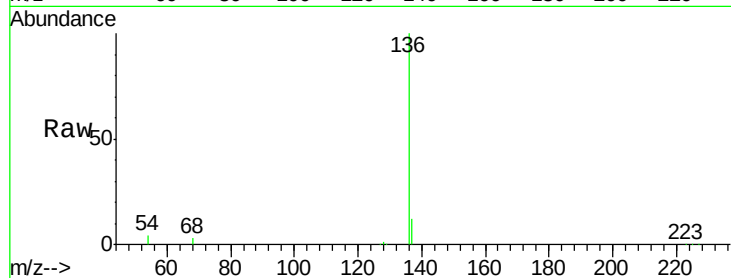
Ion Ratio Lower Upper

136 100

137 12.3 8.9 13.3

54 3.6 8.2 12.4#

68 3.2 6.2 9.4#

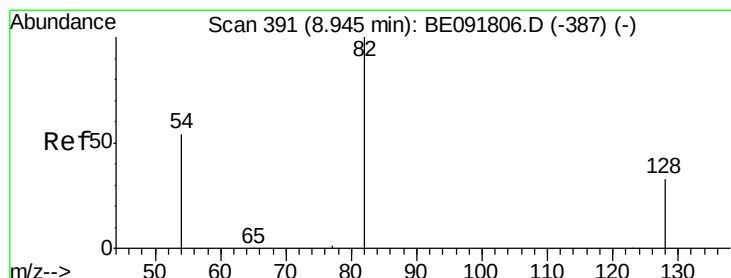
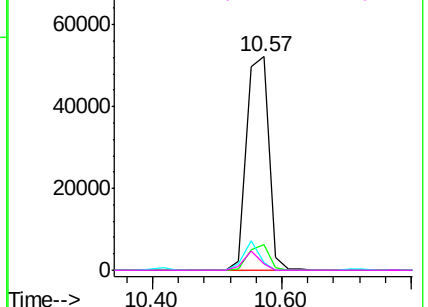
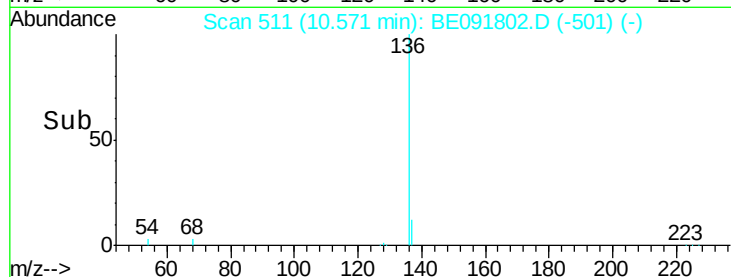


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.08 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

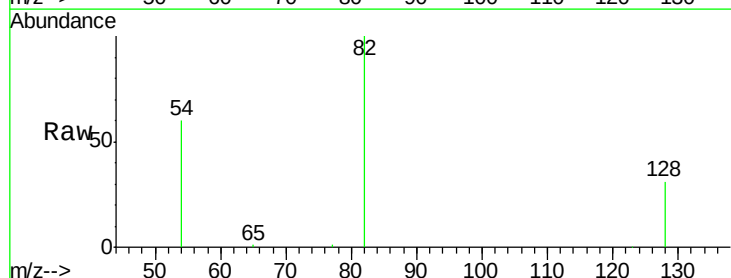
Tgt Ion: 82 Resp: 40773

Ion Ratio Lower Upper

82 100

128 30.8 25.4 38.0

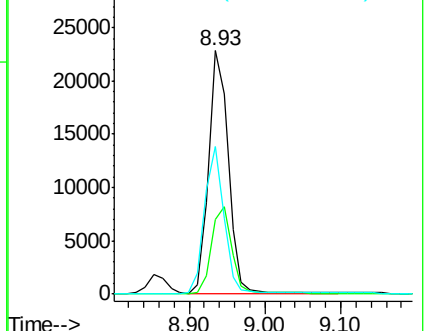
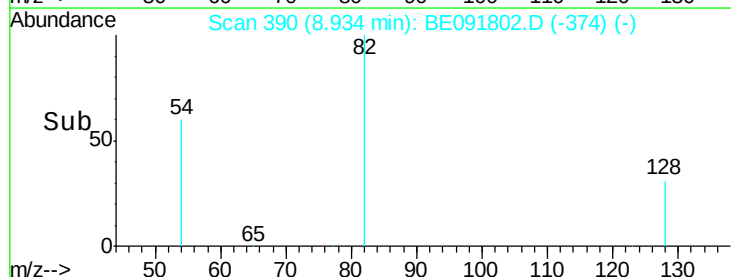
54 60.5 48.4 72.6

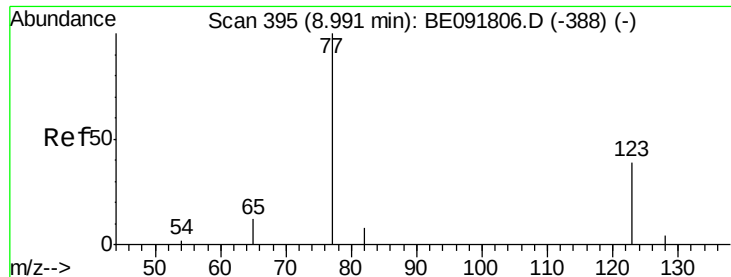


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 5.12 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

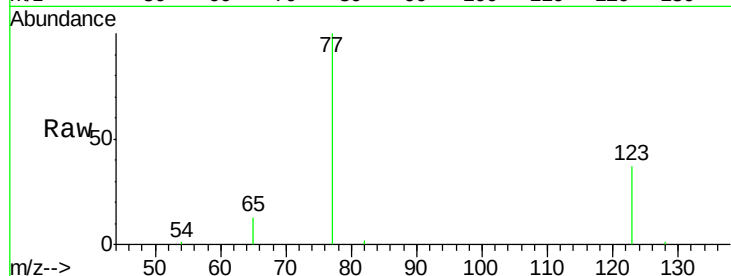
Tot Ion: 77 Resp: 43033

Ion Ratio Lower Upper

77 100

123 37.8 26.9 40.3

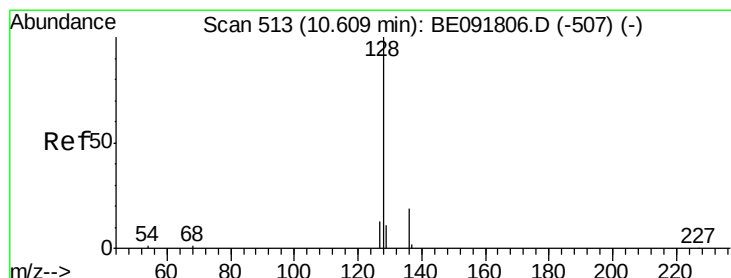
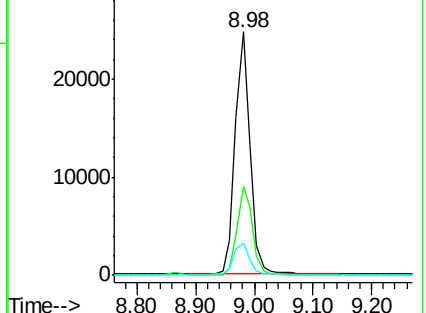
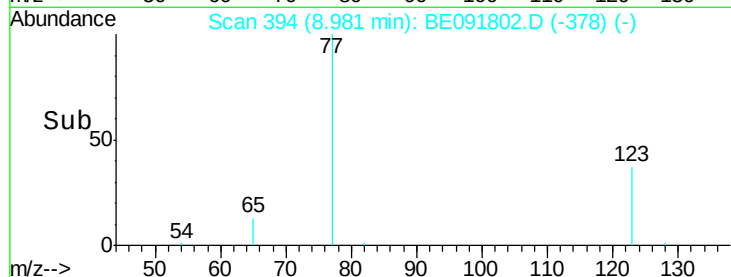
65 13.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 4.81 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

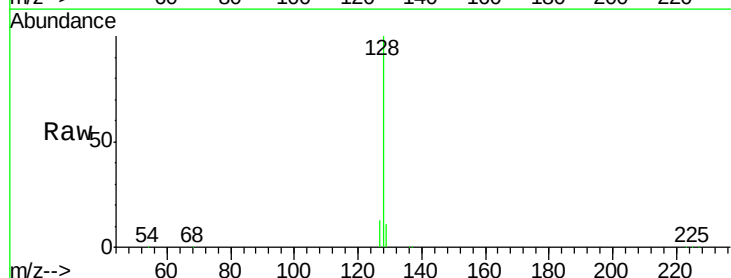
Tgt Ion: 128 Resp: 120951

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

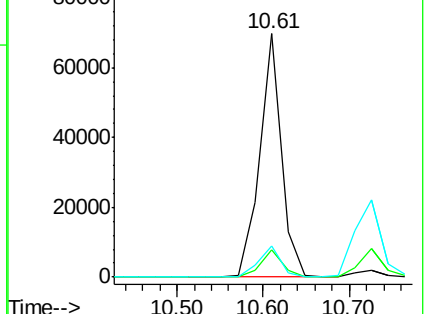
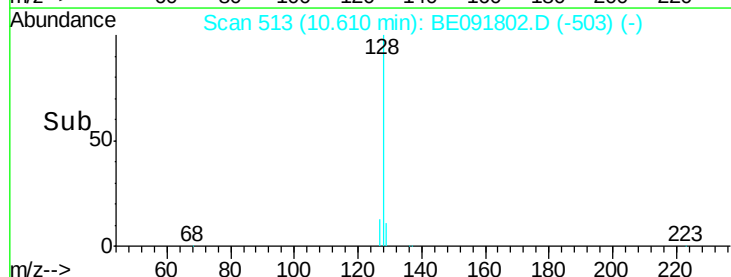
127 12.6 10.7 16.1

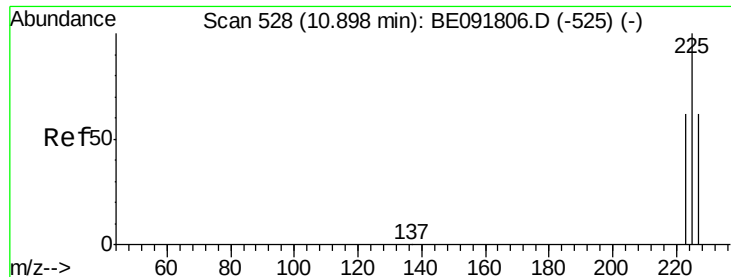


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)

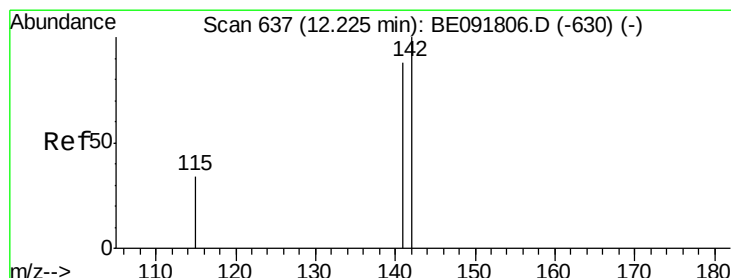
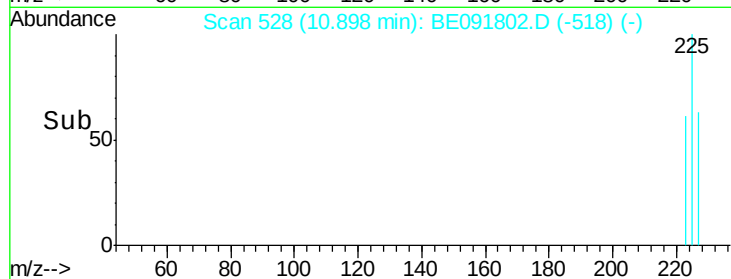
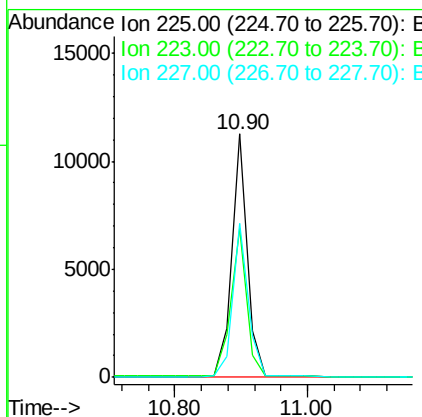
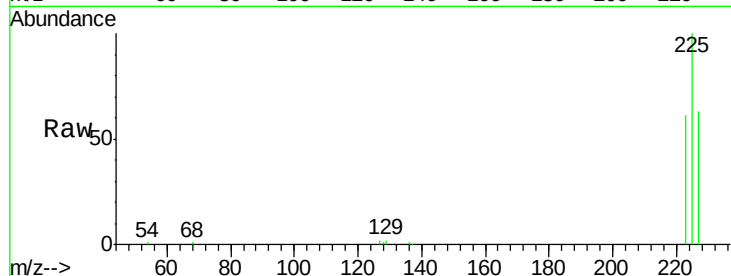




#11
Hexachlorobutadiene
Concen: 5.31 ng
RT: 10.90 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

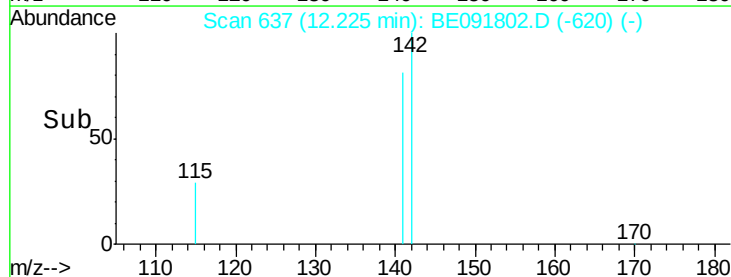
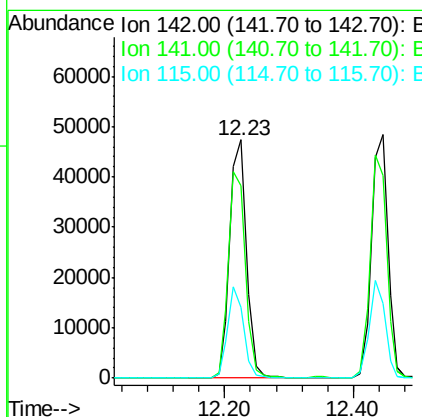
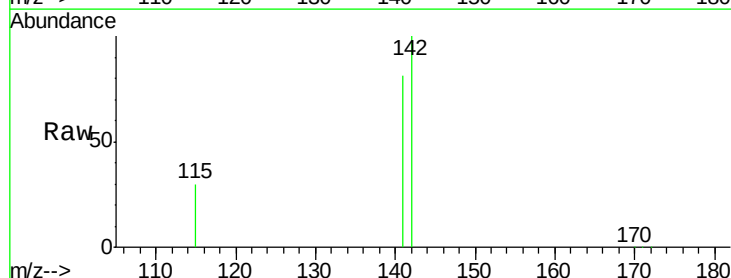
Instrument :
BNA_E
ClientSampleId :

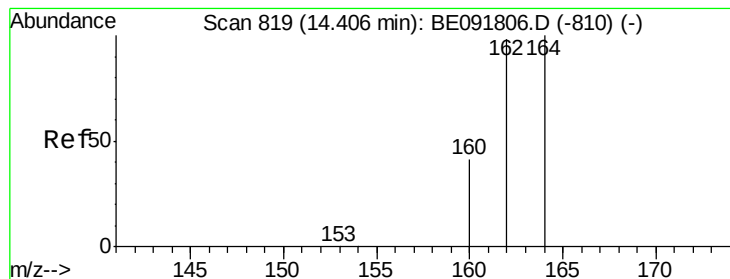
Tot Ion:225 Resp: 19719
Ion Ratio Lower Upper
225 100
223 64.0 49.0 73.6
227 64.6 50.3 75.5



#12
2-Methylnaphthalene
Concen: 5.23 ng
RT: 12.23 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

Tgt Ion:142 Resp: 84490
Ion Ratio Lower Upper
142 100
141 80.9 71.4 107.0
115 29.6 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

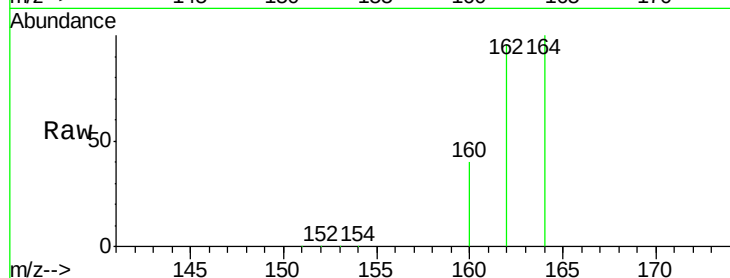
Tot Ion:164 Resp: 85514

Ion Ratio Lower Upper

164 100

162 95.6 85.3 127.9

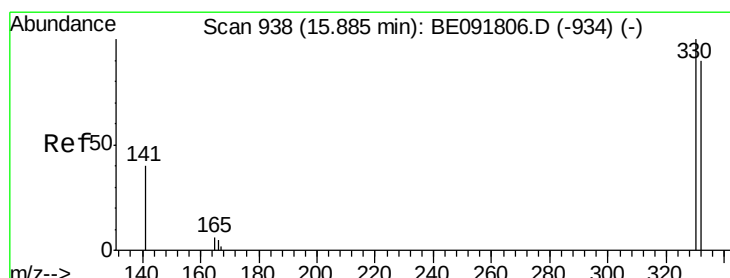
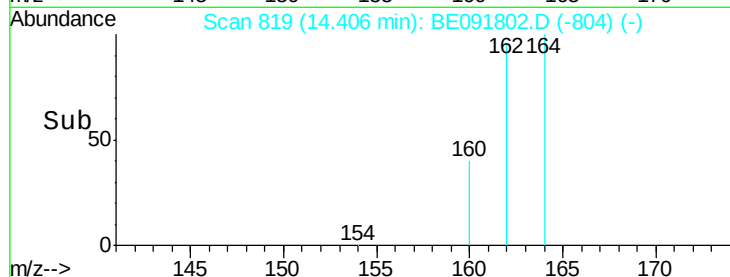
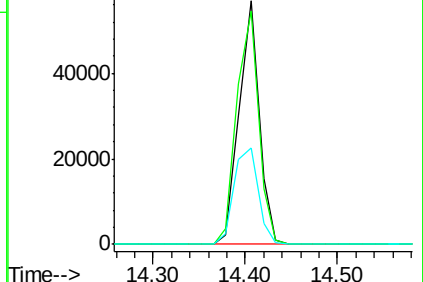
160 39.6 46.2 69.2#



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: 6.53 ng

RT: 15.89 min Scan# 938

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

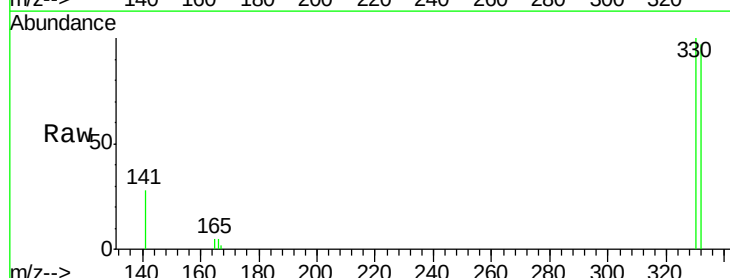
Tgt Ion:330 Resp: 17521

Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

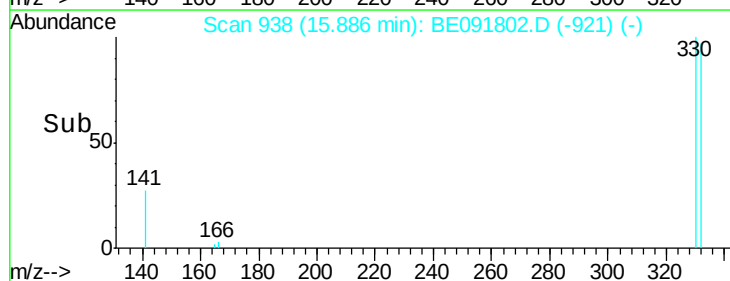
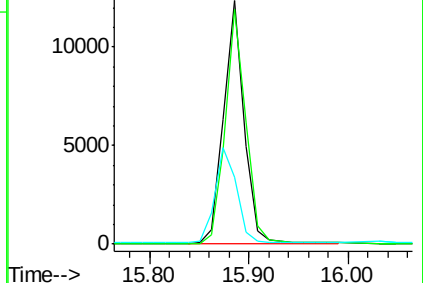
141 41.3 125.4 188.0#

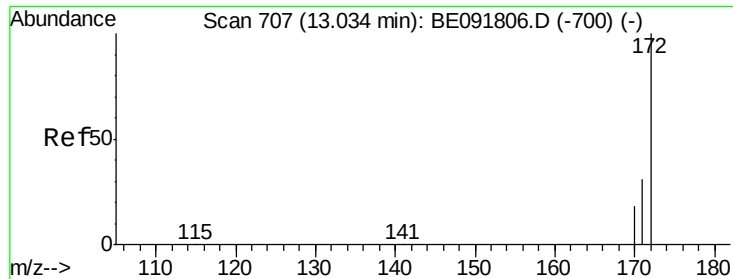


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

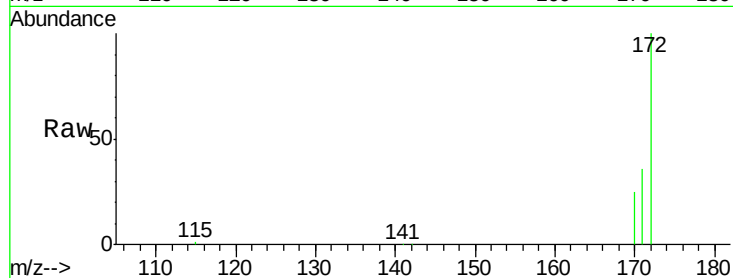




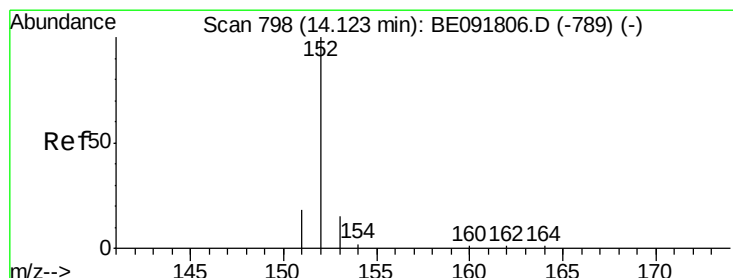
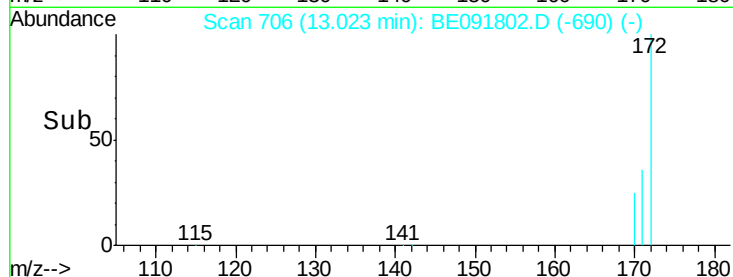
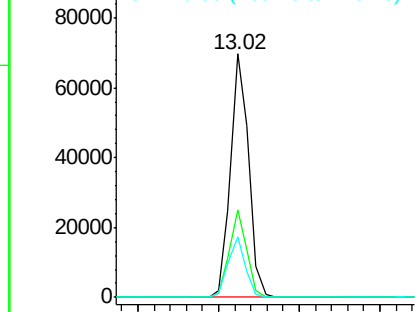
#15
2-Fluorobiphenyl
Concen: 4.46 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 107868
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.9 19.3 28.9

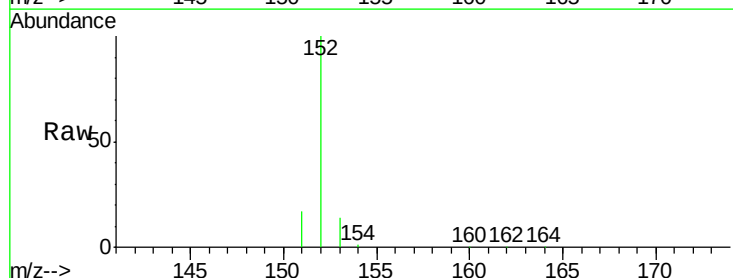


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

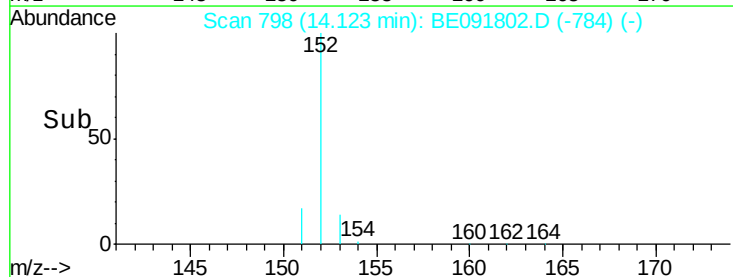
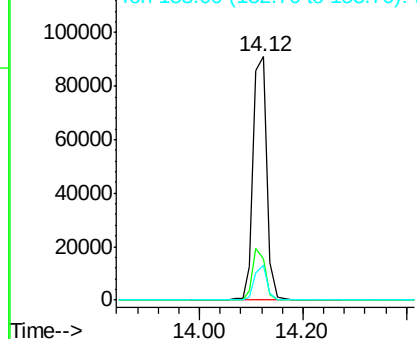


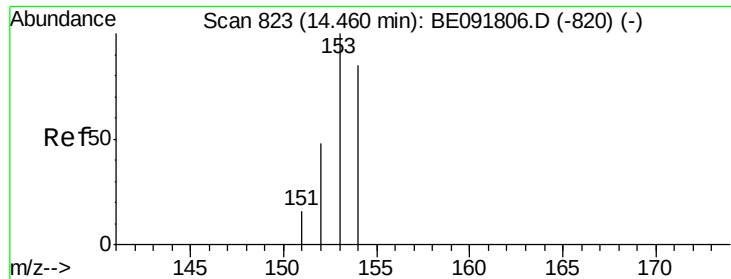
#16
Acenaphthylene
Concen: 5.48 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

Tgt Ion:152 Resp: 180382
Ion Ratio Lower Upper
152 100
151 20.0 3.9 5.9#
153 13.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 4.94 ng

RT: 14.46 min Scan# 823

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

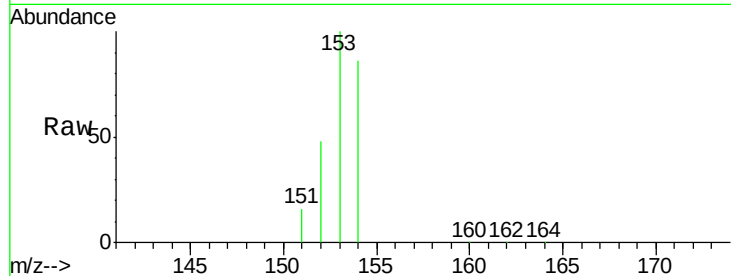
Tot Ion:154 Resp: 105418

Ion Ratio Lower Upper

154 100

153 109.3 80.0 120.0

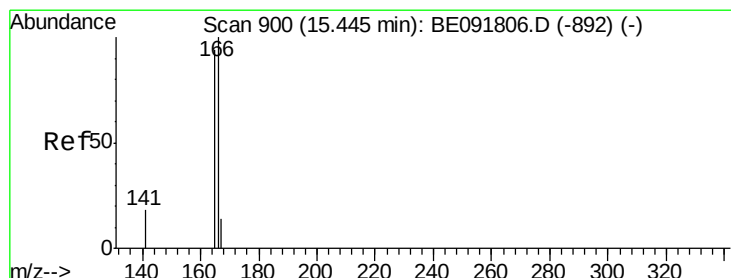
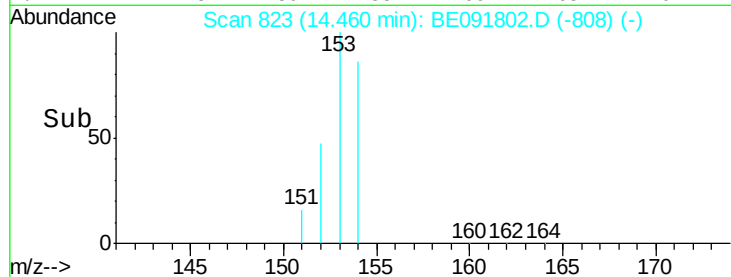
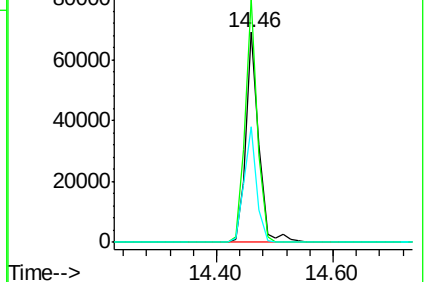
152 53.7 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 5.25 ng

RT: 15.45 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

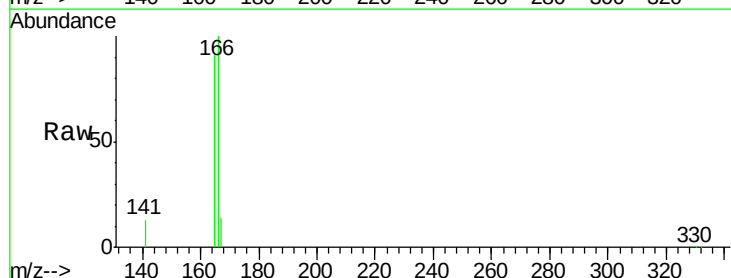
Tgt Ion:166 Resp: 139124

Ion Ratio Lower Upper

166 100

165 97.6 80.8 121.2

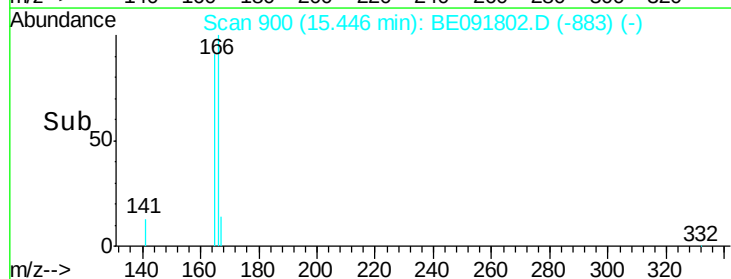
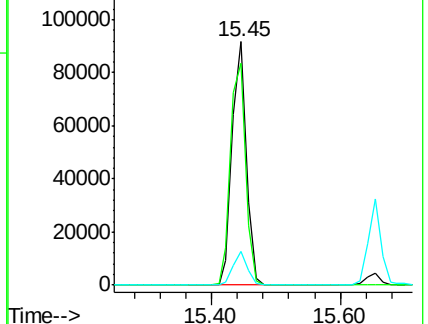
167 13.3 10.9 16.3

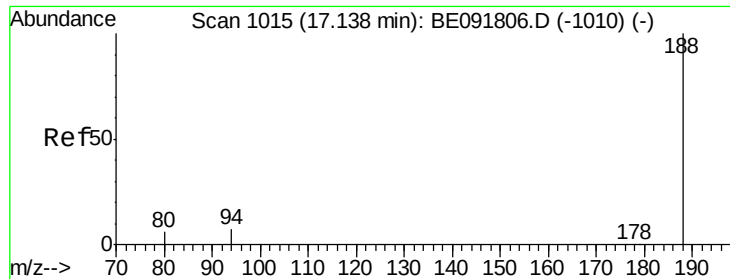


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

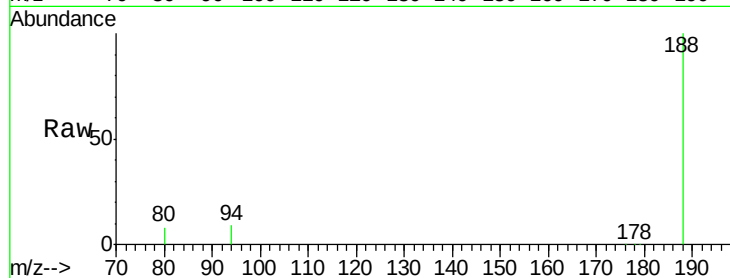
Tot Ion:188 Resp: 250516

Ion Ratio Lower Upper

188 100

94 8.6 8.7 13.1#

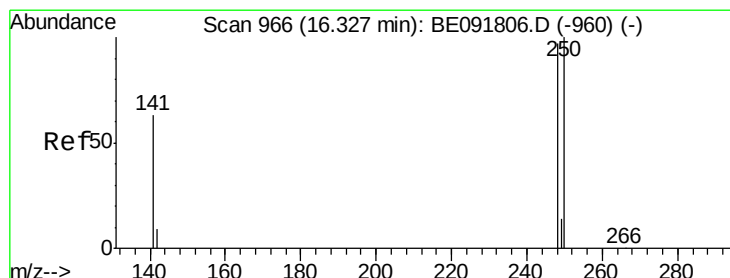
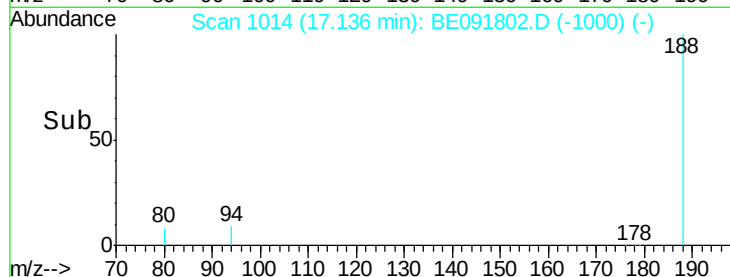
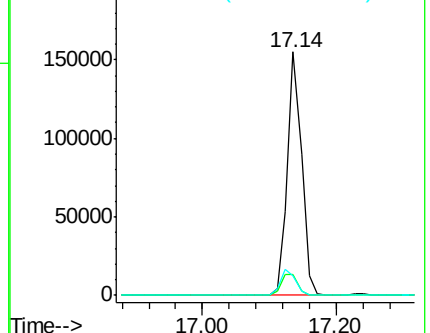
80 8.1 9.4 14.0#



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: 4.56 ng

RT: 16.33 min Scan# 965

Delta R.T. -0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

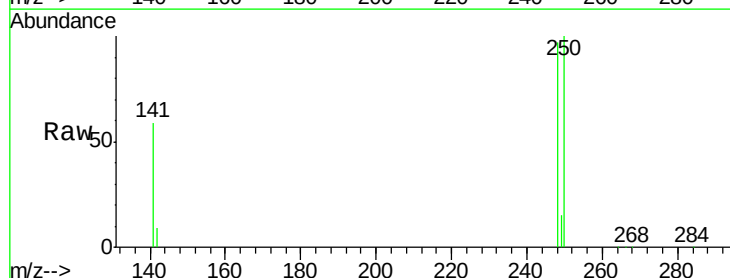
Tgt Ion:248 Resp: 41124

Ion Ratio Lower Upper

248 100

250 98.1 80.5 120.7

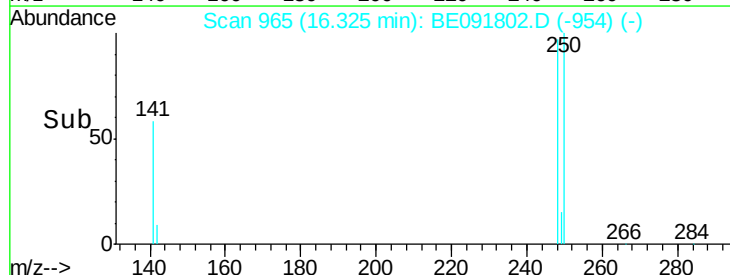
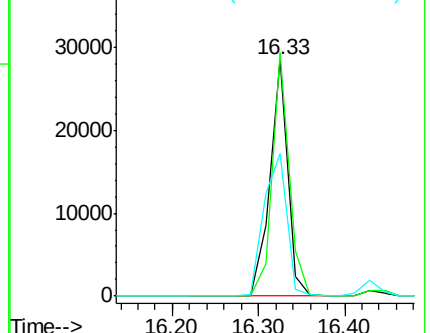
141 77.0 72.0 108.0

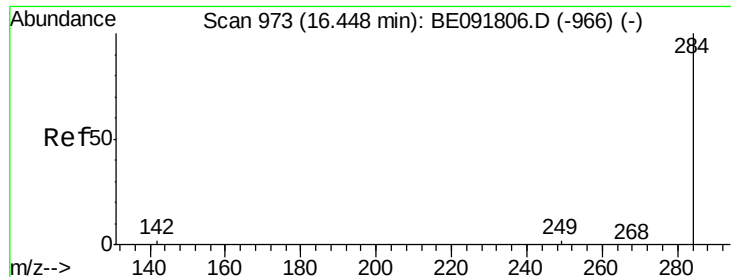


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

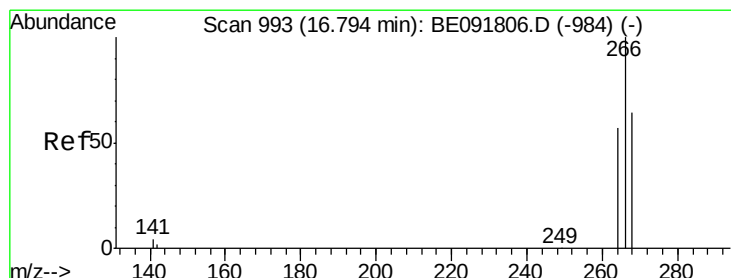
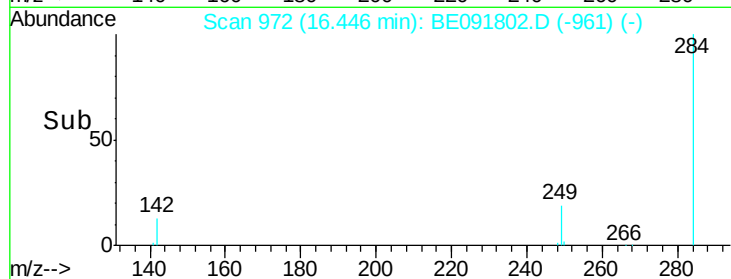
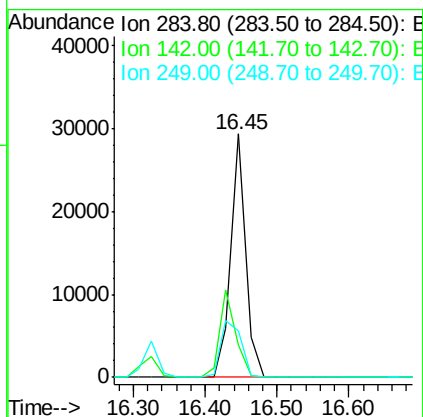
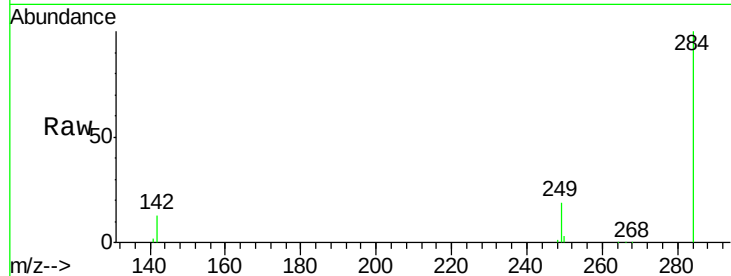




#21
Hexachlorobenzene
Concen: 4.62 ng
RT: 16.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

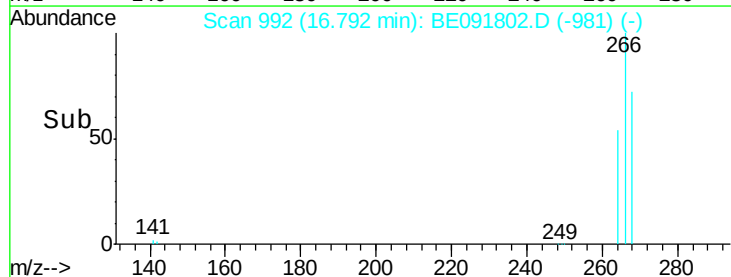
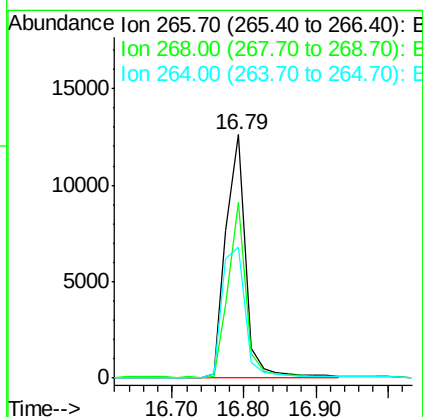
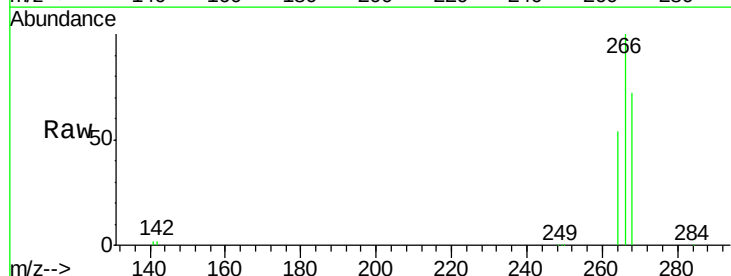
Instrument :
BNA_E
ClientSampleId :

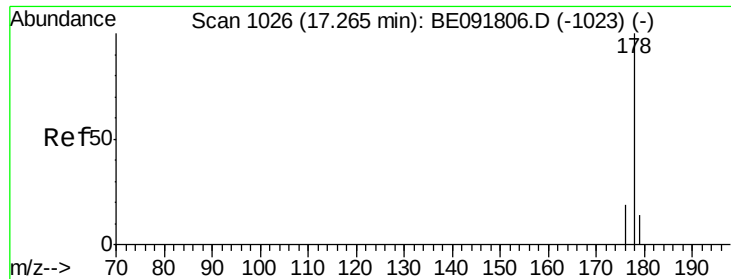
Tot Ion:284 Resp: 41623
Ion Ratio Lower Upper
284 100
142 38.3 32.2 48.2
249 32.2 25.4 38.2



#22
Pentachlorophenol
Concen: 5.63 ng
RT: 16.79 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

Tgt Ion:266 Resp: 23893
Ion Ratio Lower Upper
266 100
268 71.9 58.2 87.2
264 53.7 56.2 84.4#





#23

Phenanthrene

Concen: 4.36 ng

RT: 17.17 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

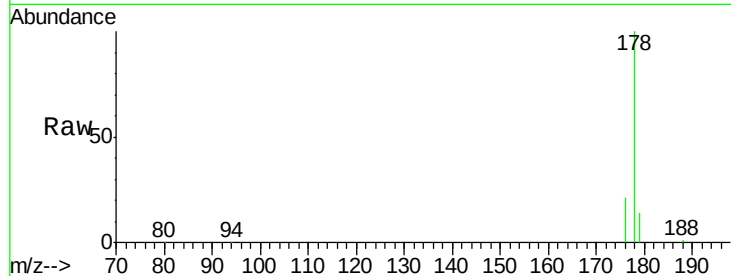
Tot Ion:178 Resp: 248402

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

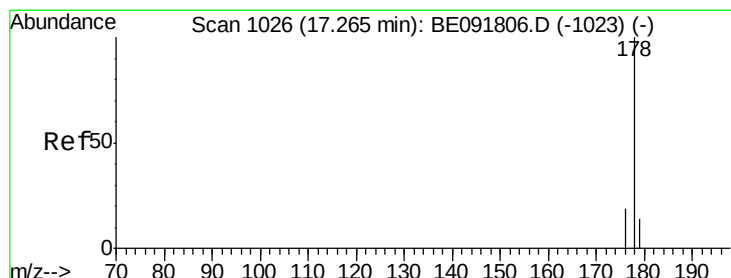
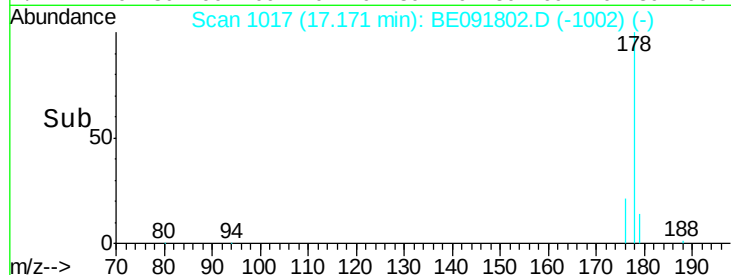
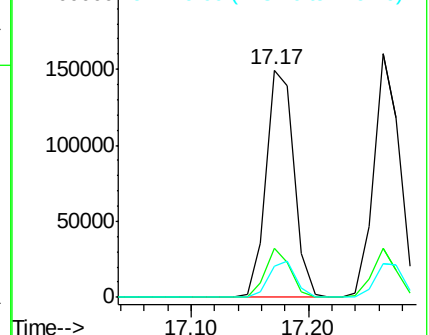
179 15.4 12.6 18.8



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



#24

Anthracene

Concen: 4.78 ng

RT: 17.26 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

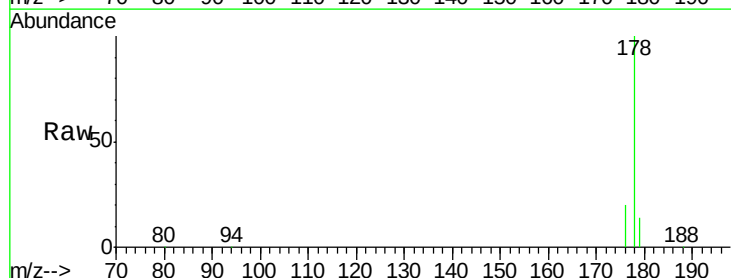
Tgt Ion:178 Resp: 245578

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

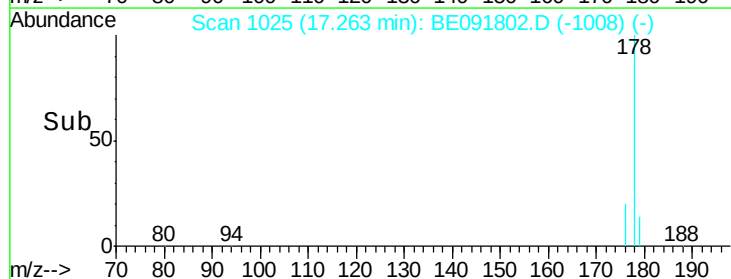
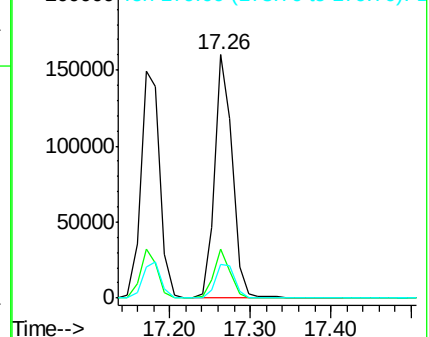
179 15.3 11.8 17.6

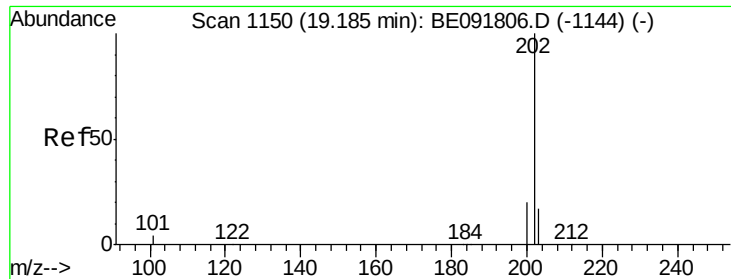


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

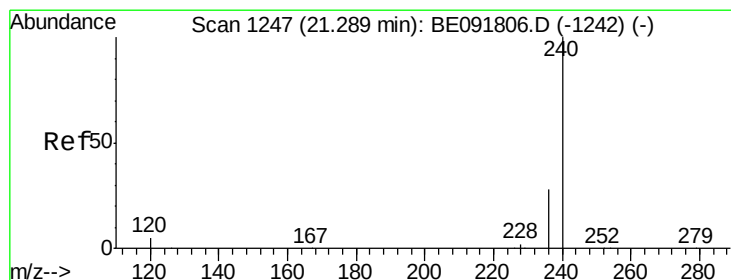
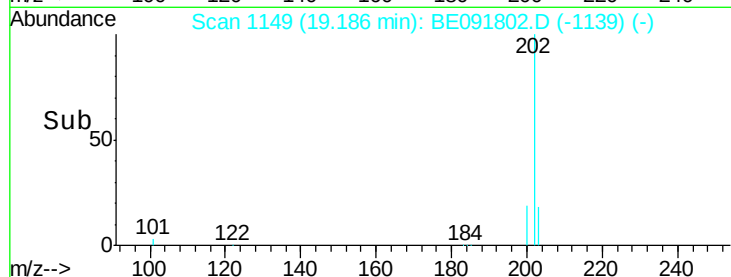
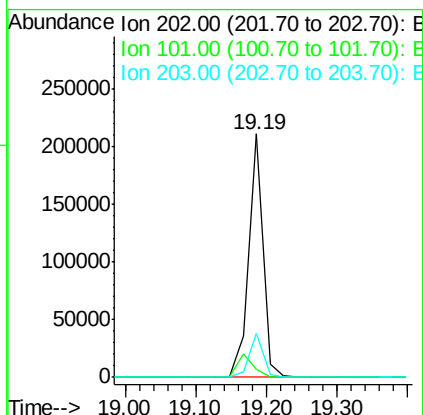
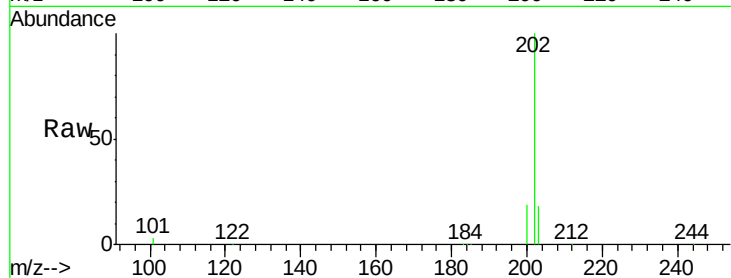




#25
 Fluoranthene
 Concen: 5.05 ng
 RT: 19.19 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BE091802.D
 Acq: 19 May 2016 10:07

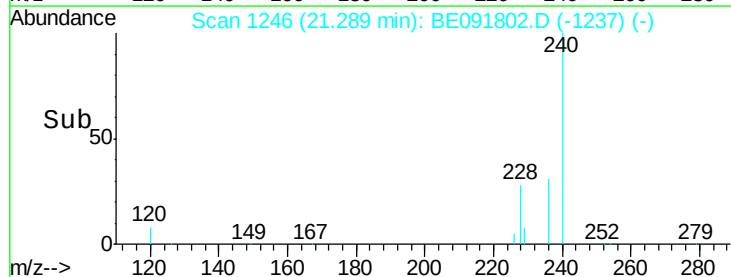
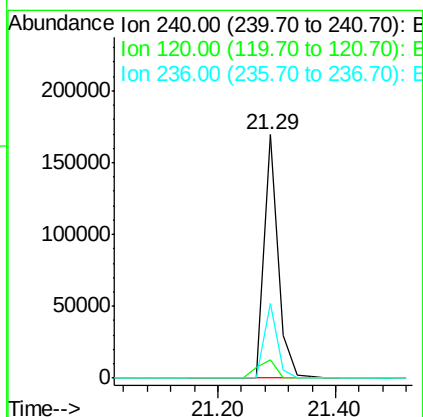
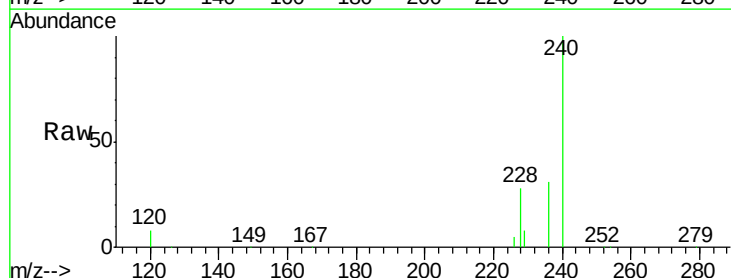
Instrument :
 BNA_E
 ClientSampleId :

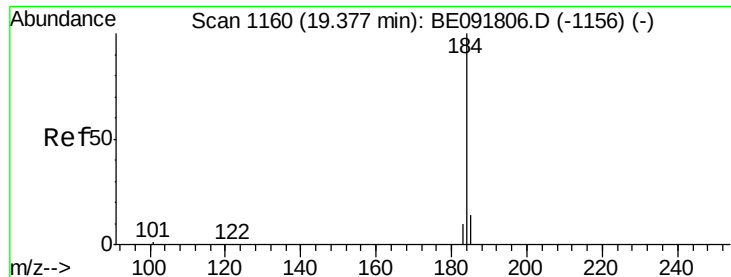
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	11.0	16.6#
203	17.7	13.9	20.9



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.29 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BE091802.D
 Acq: 19 May 2016 10:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	11.0	16.4#
236	30.7	21.7	32.5





#27

Benzidine

Concen: 8.66 ng

RT: 19.36 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

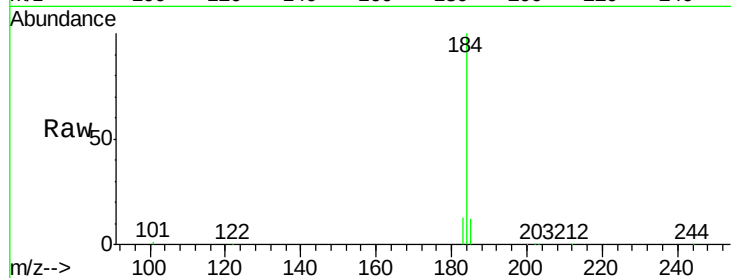
Tot Ion:184 Resp: 138949

Ion Ratio Lower Upper

184 100

185 11.9 22.3 33.5#

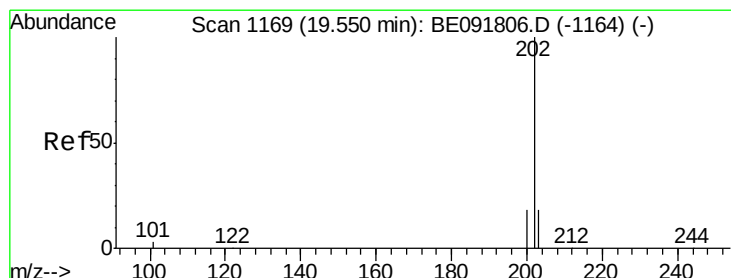
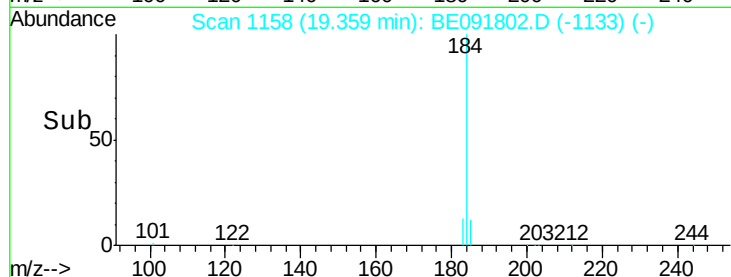
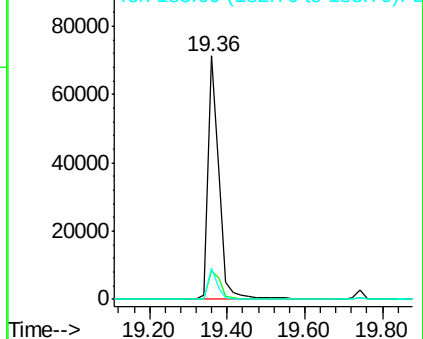
183 12.7 16.4 24.6#



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



#28

Pyrene

Concen: 4.87 ng

RT: 19.55 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

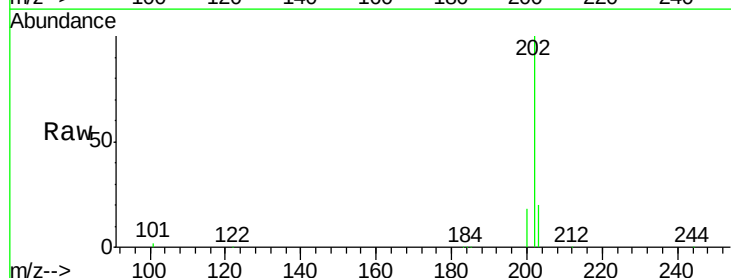
Tgt Ion:202 Resp: 309269

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

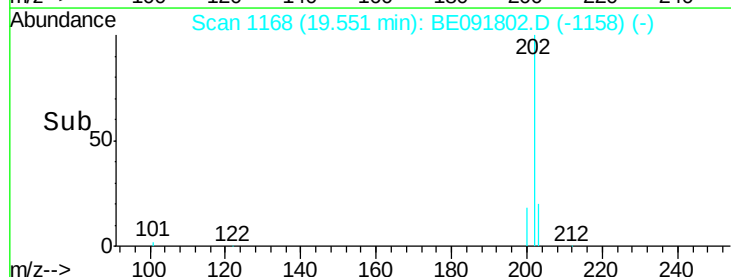
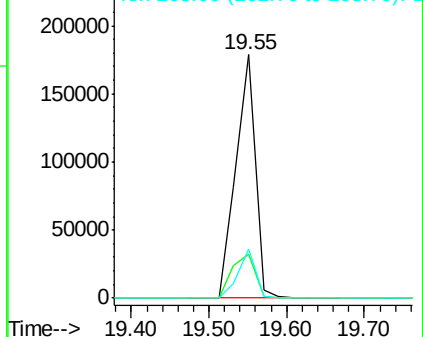
203 18.0 14.0 21.0

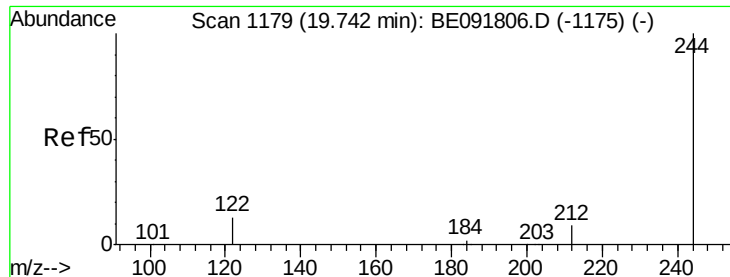


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.46 ng

RT: 19.74 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampled :

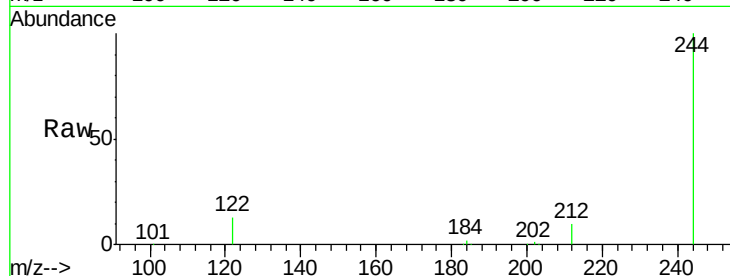
Tot Ion:244 Resp: 195352

Ion Ratio Lower Upper

244 100

212 9.6 6.9 10.3

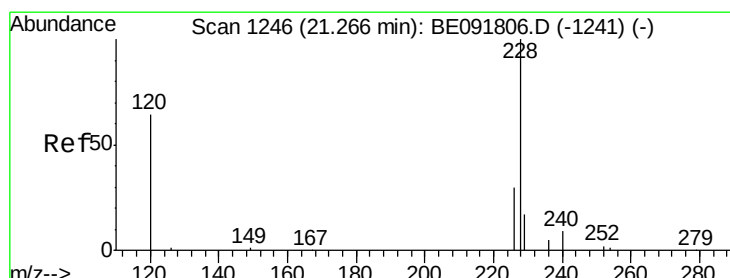
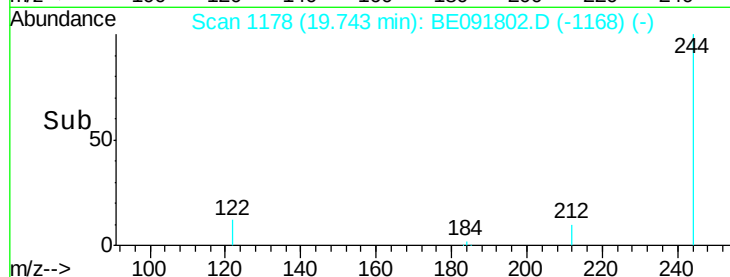
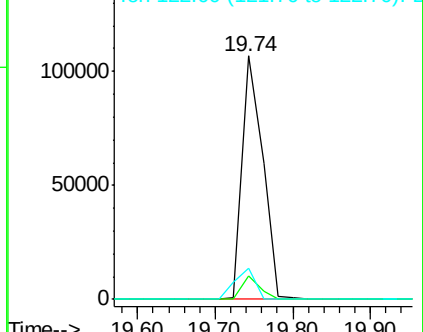
122 12.6 11.0 16.4



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: 5.69 ng

RT: 21.27 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

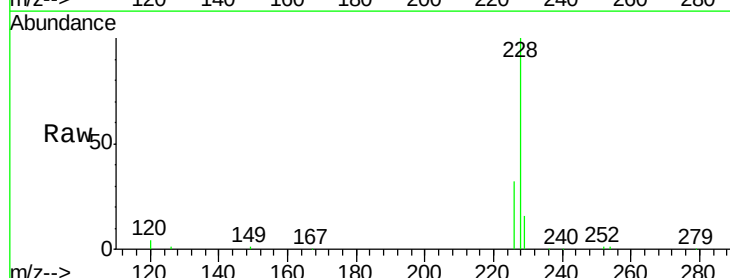
Tgt Ion:228 Resp: 390254

Ion Ratio Lower Upper

228 100

226 32.4 21.0 31.4#

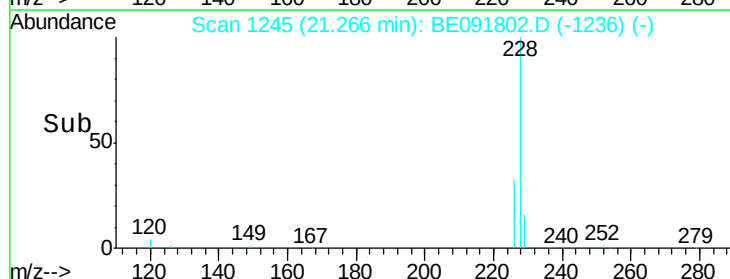
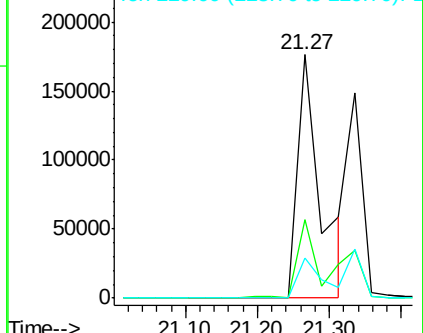
229 16.3 15.7 23.5

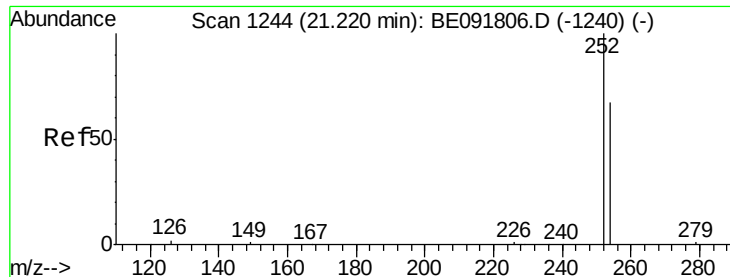


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

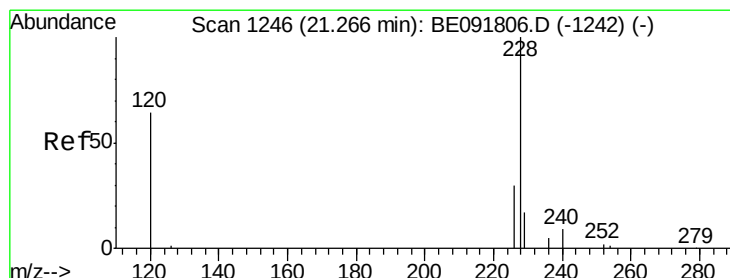
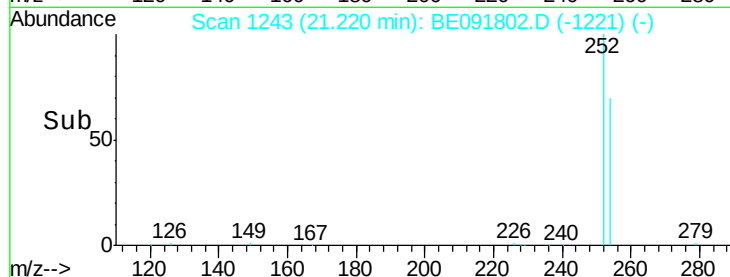
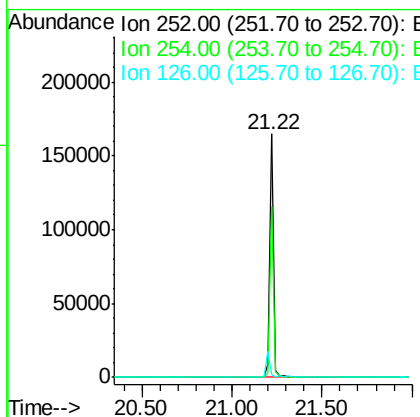
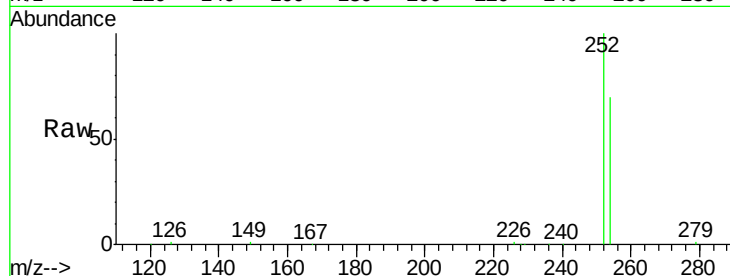




#31
 3,3'-Dichlorobenzidine
 Concen: 7.23 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE091802.D
 Acq: 19 May 2016 10:07

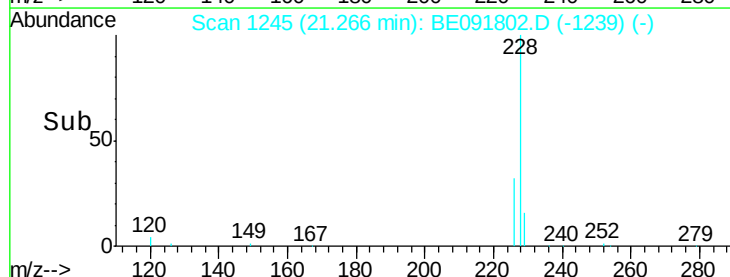
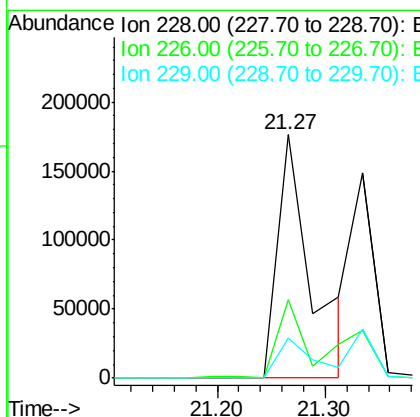
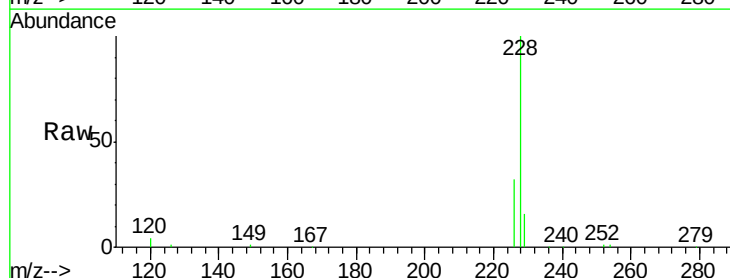
Instrument :
 BNA_E
 ClientSampled :

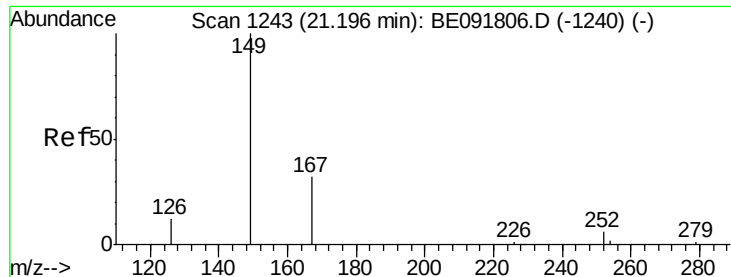
Tot Ion:252 Resp: 253087
 Ion Ratio Lower Upper
 252 100
 254 70.0 51.1 76.7
 126 1.1 12.6 18.8#



#32
 Chrysene
 Concen: 5.47 ng
 RT: 21.27 min Scan# 1245
 Delta R.T. -0.07 min
 Lab File: BE091802.D
 Acq: 19 May 2016 10:07

Tgt Ion:228 Resp: 390164
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.0 36.0
 229 16.3 15.9 23.9

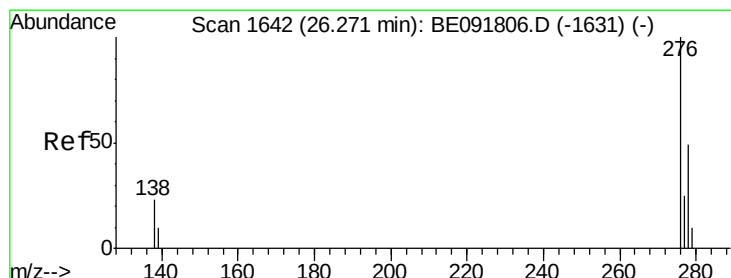
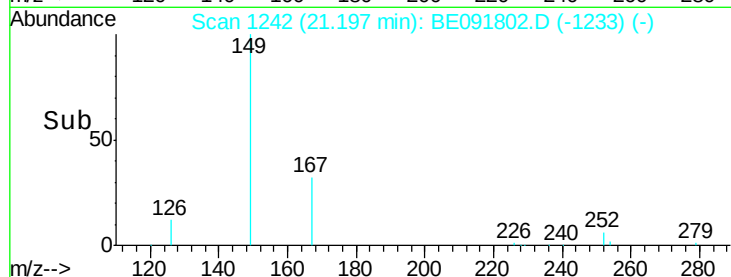
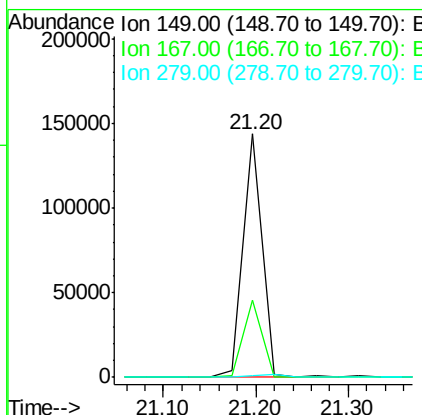
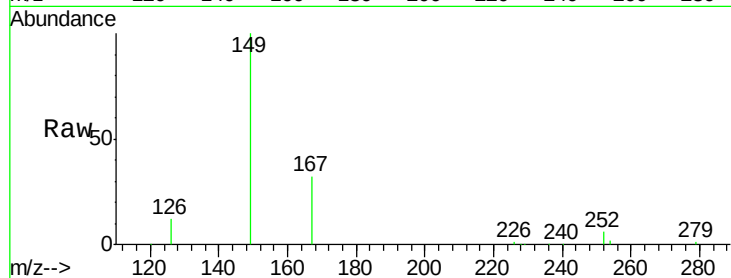




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 9.98 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BE091802.D
 Acq: 19 May 2016 10:07

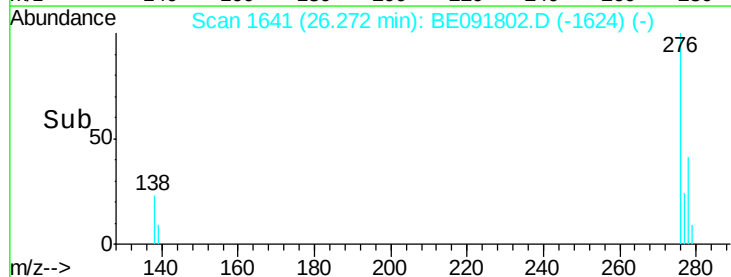
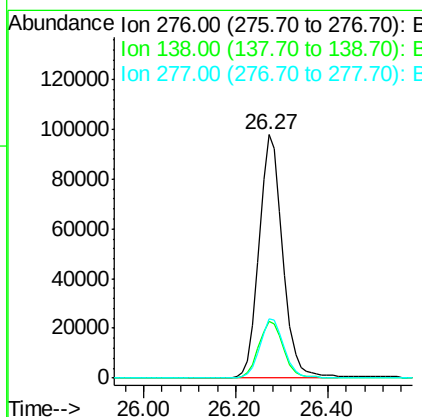
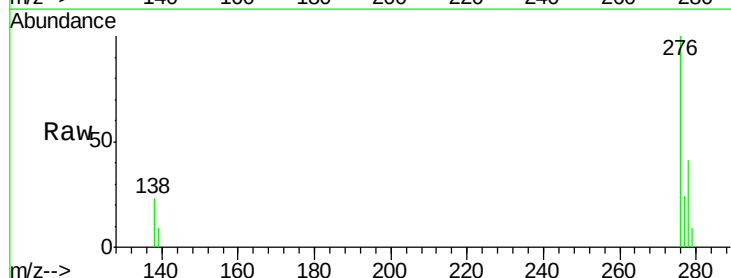
Instrument :
 BNA_E
 ClientSampleId :

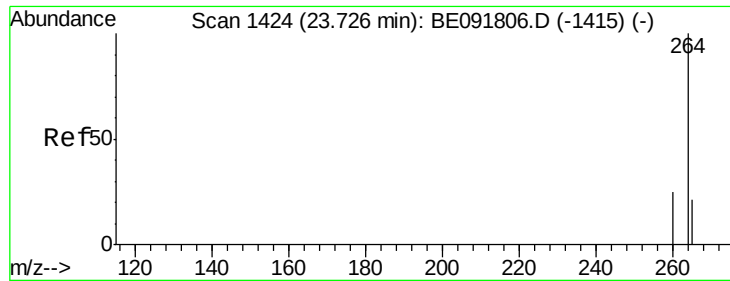
Tot Ion:149 Resp: 207472
 Ion Ratio Lower Upper
 149 100
 167 31.3 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 5.47 ng
 RT: 26.27 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BE091802.D
 Acq: 19 May 2016 10:07

Tgt Ion:276 Resp: 347315
 Ion Ratio Lower Upper
 276 100
 138 24.4 23.4 35.2
 277 24.9 19.8 29.8

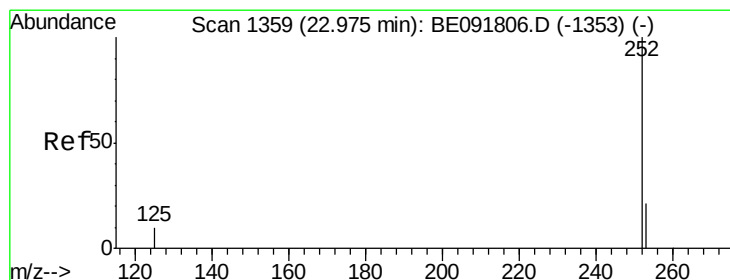
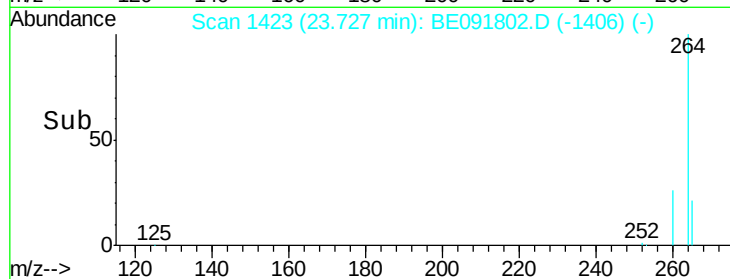
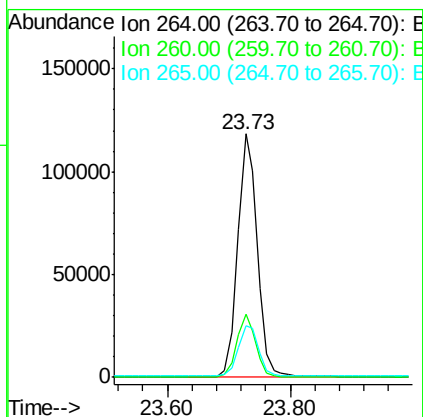
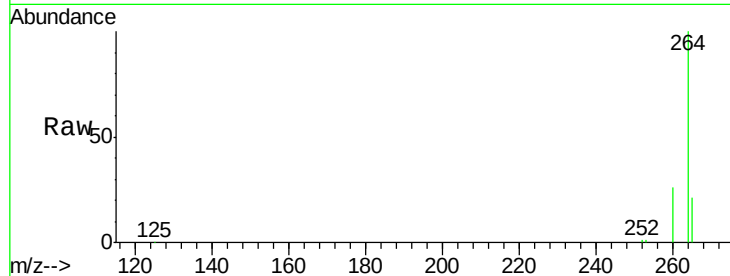




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

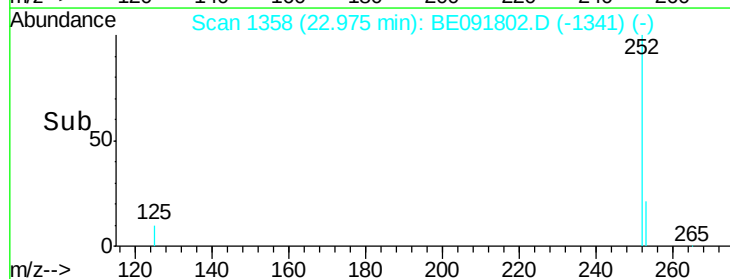
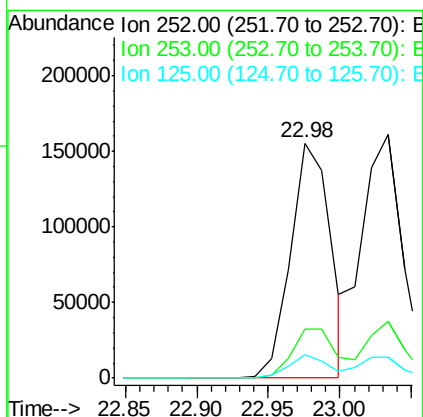
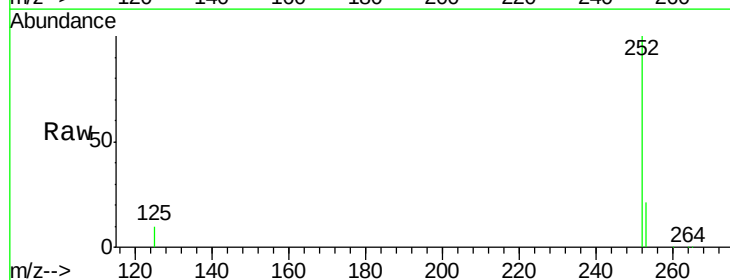
Instrument :
BNA_E
ClientSampleId :

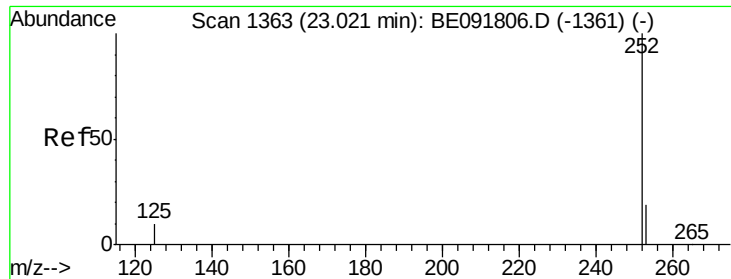
Tot Ion:264 Resp: 264724
Ion Ratio Lower Upper
264 100
260 26.0 20.0 30.0
265 21.4 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 4.83 ng
RT: 22.98 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BE091802.D
Acq: 19 May 2016 10:07

Tgt Ion:252 Resp: 299687
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.0
125 9.9 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 4.75 ng

RT: 22.98 min Scan# 1358

Delta R.T. -0.05 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :

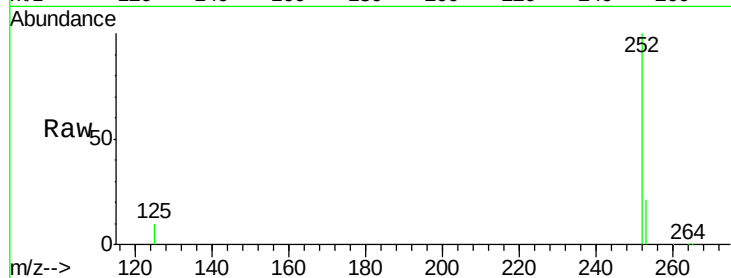
Tot Ion:252 Resp: 299687

Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

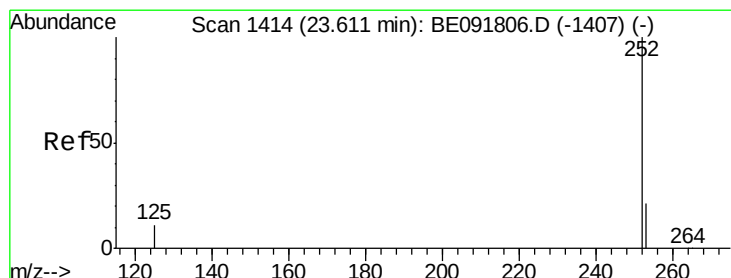
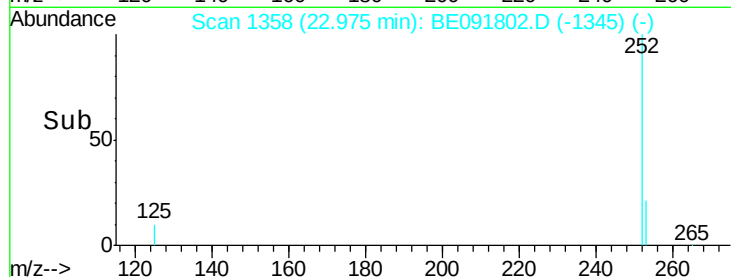
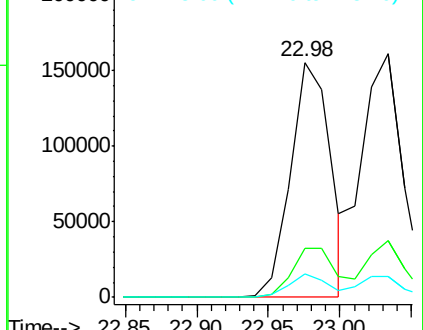
125 9.9 9.9 14.9



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: 5.09 ng

RT: 23.61 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

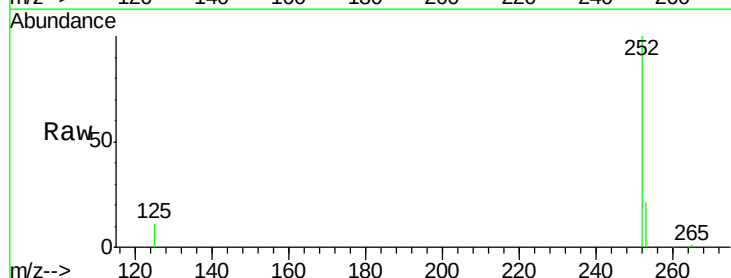
Tgt Ion:252 Resp: 297584

Ion Ratio Lower Upper

252 100

253 20.6 18.1 27.1

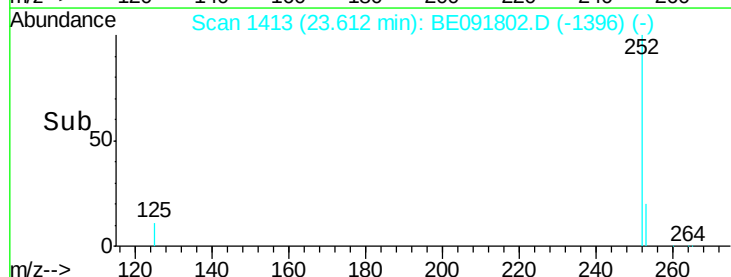
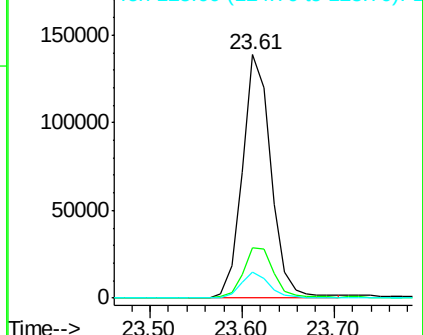
125 10.7 11.0 16.4#

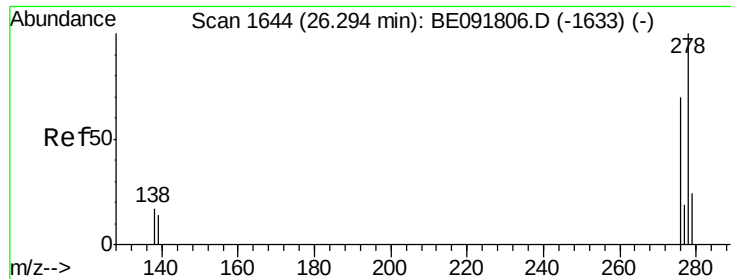


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 5.25 ng

RT: 26.29 min Scan# 1643

Delta R.T. 0.00 min

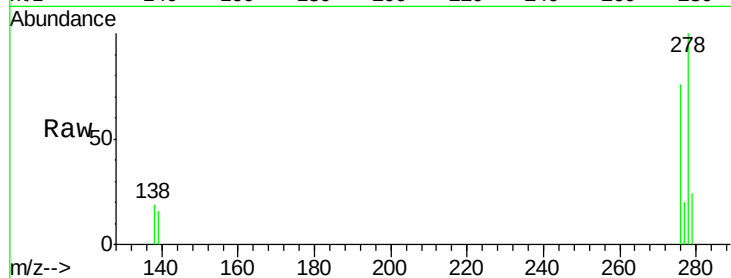
Lab File: BE091802.D

Acq: 19 May 2016 10:07

Instrument :

BNA_E

ClientSampleId :



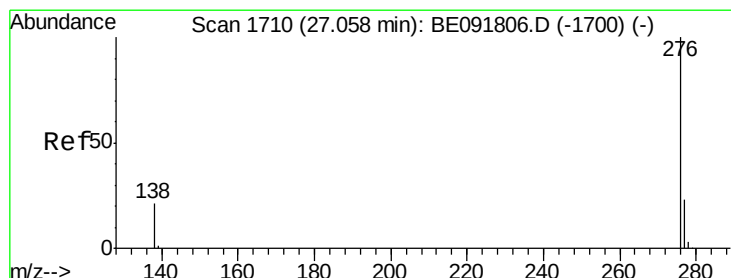
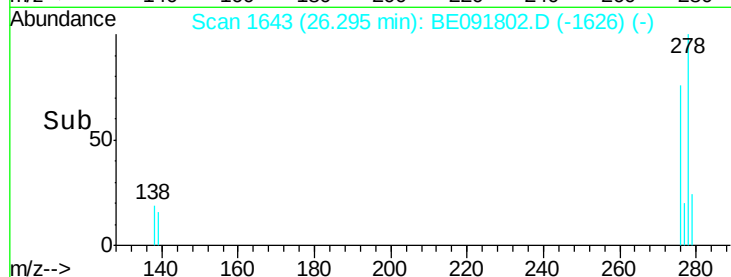
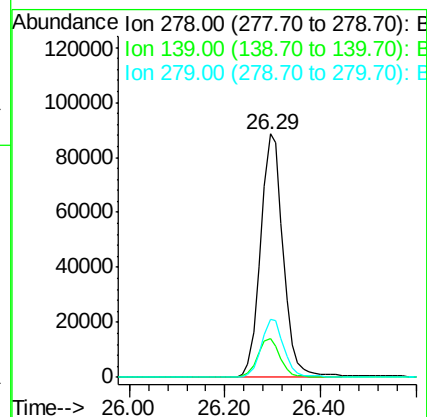
Tot Ion:278 Resp: 290327

Ion Ratio Lower Upper

278 100

139 16.1 16.0 24.0

279 23.8 19.4 29.2



#40

Benzo(g,h,i)perylene

Concen: 5.19 ng

RT: 27.06 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BE091802.D

Acq: 19 May 2016 10:07

Tgt Ion:276 Resp: 292181

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 21.6 20.4 30.6

