

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
 Data File : BE091807.D
 Acq On : 19 May 2016 13:12
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 13:49:45 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 13:11:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	22280	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	115460	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	78605	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	211531	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	280160	5.00	ng	-0.02
35) Perylene-d12	23.73	264	243257	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1264	0.23	ng	0.00
5) Phenol-d6	6.95	99	1660	0.23	ng	0.00
8) Nitrobenzene-d5	8.95	82	1559	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	585	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	4969	0.22	ng	0.00
29) Terphenyl-d14	19.74	244	8521	0.20	ng	-0.02

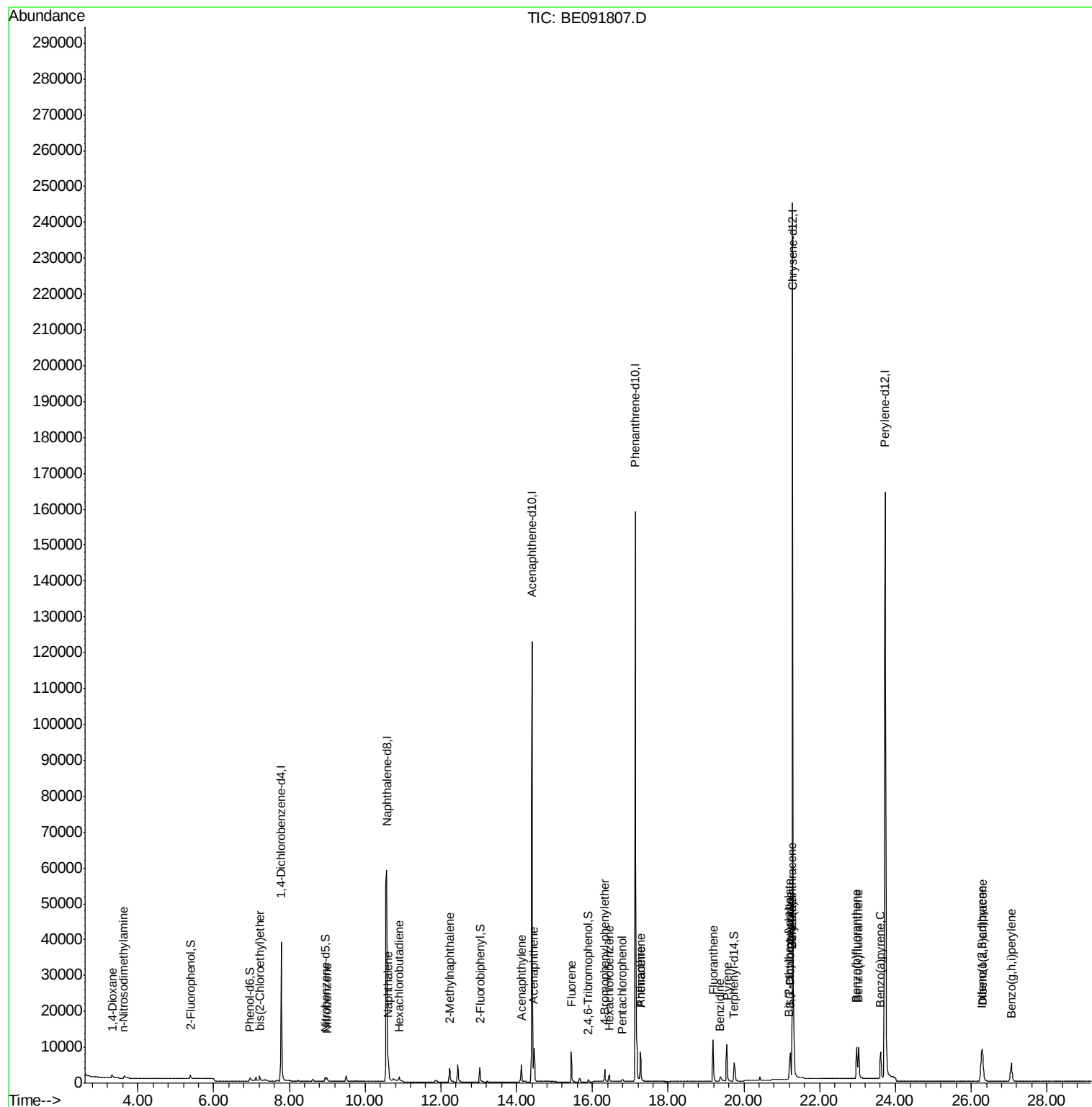
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	699	0.21	ng	# 89
3) n-Nitrosodimethylamine	3.63	42	760	0.19	ng	95
6) bis(2-Chloroethyl)ether	7.21	93	1376	0.22	ng	# 78
9) Nitrobenzene	8.99	77	1586	0.20	ng	97
10) Naphthalene	10.61	128	5809	0.25	ng	98
11) Hexachlorobutadiene	10.90	225	1391	0.40	ng	# 78
12) 2-Methylnaphthalene	12.22	142	3811	0.25	ng	98
16) Acenaphthylene	14.12	152	8060	0.27	ng	# 65
17) Acenaphthene	14.46	154	4656	0.24	ng	86
18) Fluorene	15.45	166	6016	0.25	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	1790	0.24	ng	95
21) Hexachlorobenzene	16.45	284	1923	0.25	ng	99
22) Pentachlorophenol	16.79	266	635	0.18	ng	95
23) Phenanthrene	17.26	178	9890	0.21	ng	99
24) Anthracene	17.26	178	10351	0.24	ng	99
25) Fluoranthene	19.19	202	12771	0.25	ng	# 96
27) Benzidine	19.38	184	3102	0.19	ng	# 84
28) Pyrene	19.55	202	12987	0.21	ng	99
30) Benzo(a)anthracene	21.27	228	28029	0.41	ng	94
31) 3,3'-Dichlorobenzidine	21.22	252	8326	0.24	ng	# 94
32) Chrysene	21.27	228	28207	0.40	ng	98
33) Bis(2-ethylhexyl)phthalate	21.20	149	5086	0.25	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.27	276	14914	0.24	ng	95
36) Benzo(b)fluoranthene	22.98	252	13081	0.23	ng	97
37) Benzo(k)fluoranthene	23.02	252	13763	0.24	ng	99
38) Benzo(a)pyrene	23.61	252	12591	0.23	ng	97
39) Dibenzo(a,h)anthracene	26.29	278	12292	0.24	ng	96
40) Benzo(g,h,i)perylene	27.06	276	13016	0.25	ng	95

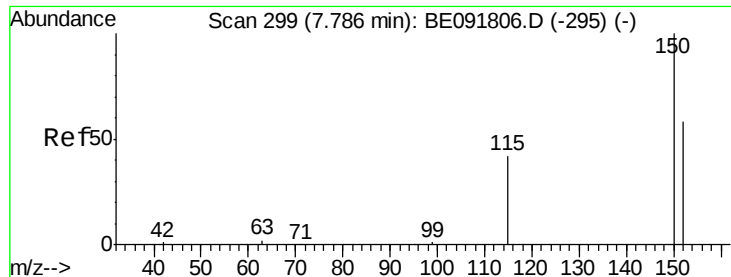
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

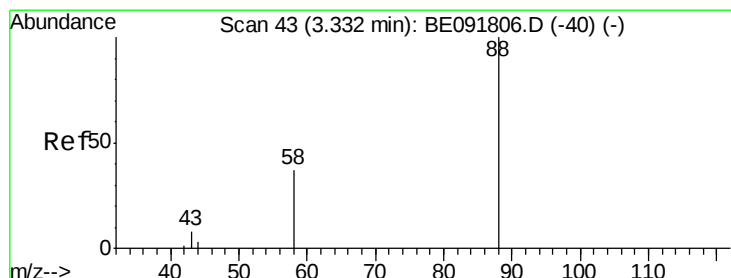
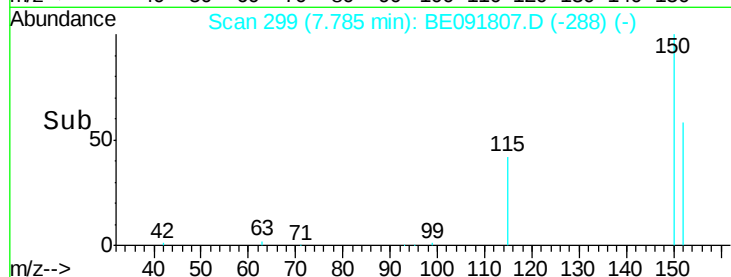
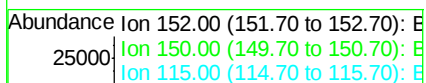
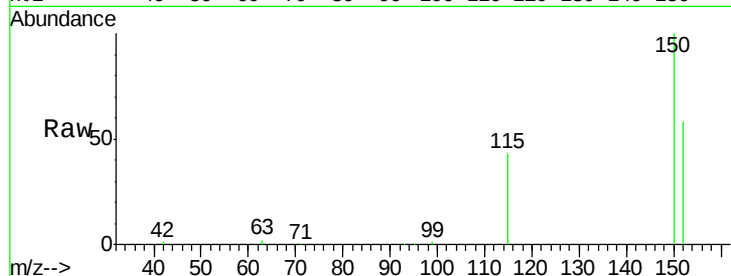
Tot Ion:152 Resp: 22280

Ion Ratio Lower Upper

152 100

150 173.0 122.6 183.8

115 73.6 52.8 79.2



#2

1,4-Dioxane

Concen: 0.21 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

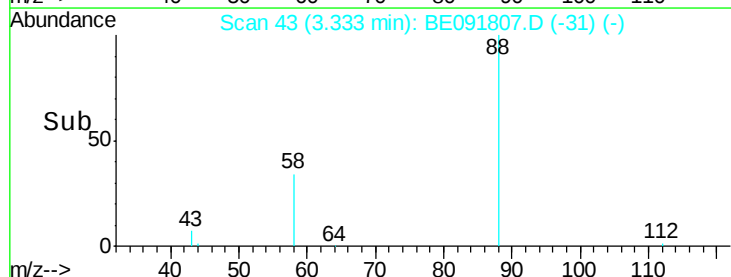
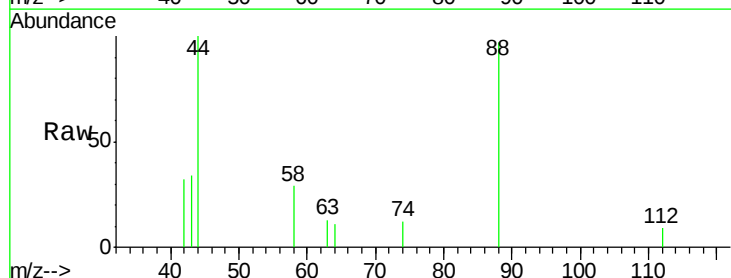
Tgt Ion: 88 Resp: 699

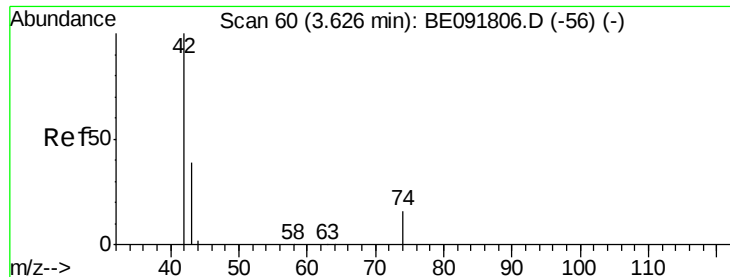
Ion Ratio Lower Upper

88 100

58 74.8 65.8 98.6

43 42.5 25.3 37.9#



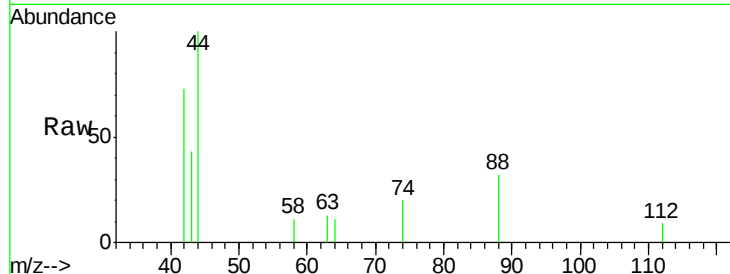


#3

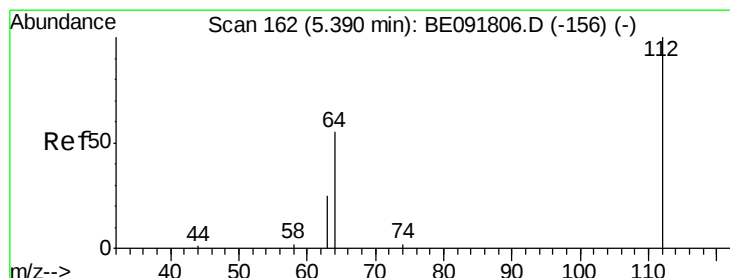
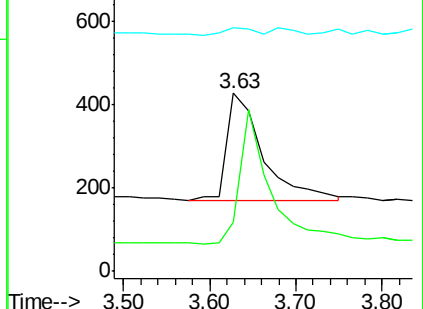
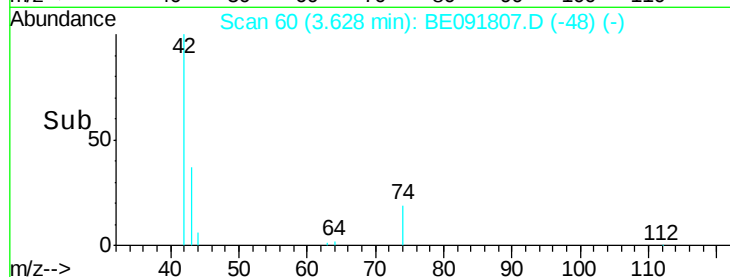
n-Nitrosodimethylamine
 Concen: 0.19 ng
 RT: 3.63 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 760
 Ion Ratio Lower Upper
 42 100
 74 104.1 87.9 131.9
 44 6.6 6.6 9.8



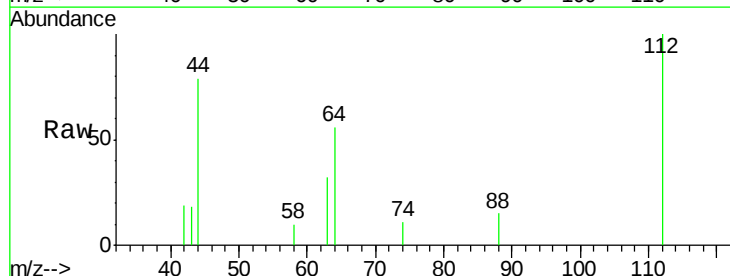
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



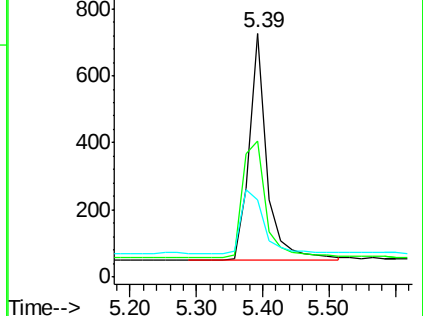
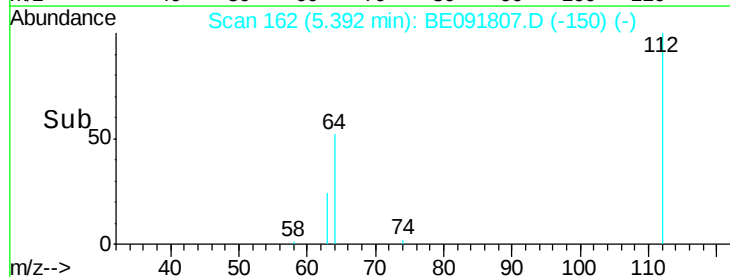
#4

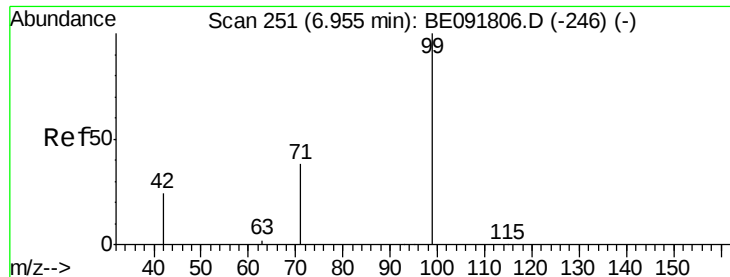
2-Fluorophenol
 Concen: 0.23 ng
 RT: 5.39 min Scan# 162
 Delta R.T. 0.00 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

Tgt Ion: 112 Resp: 1264
 Ion Ratio Lower Upper
 112 100
 64 68.1 30.9 46.3#
 63 36.6 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: 0.23 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampled :

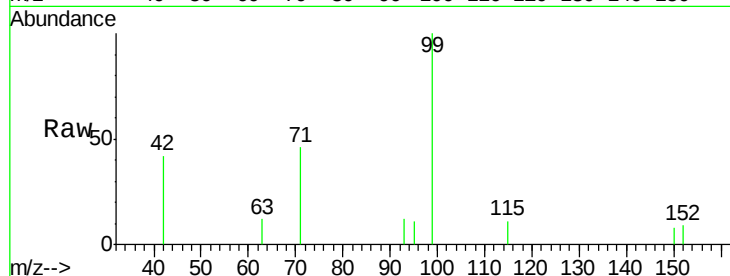
Tot Ion: 99 Resp: 1660

Ion Ratio Lower Upper

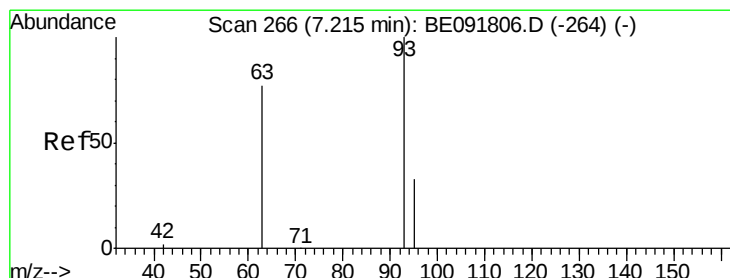
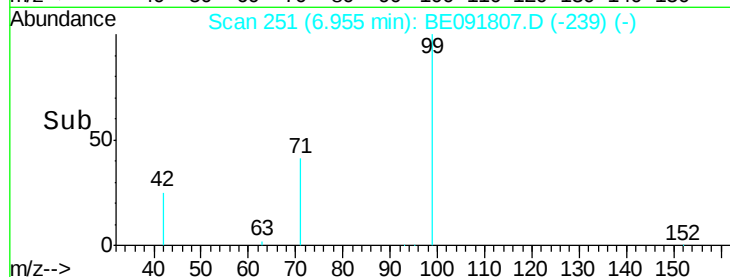
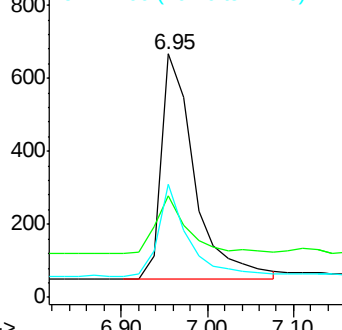
99 100

42 26.0 16.2 24.2#

71 37.5 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: 0.22 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

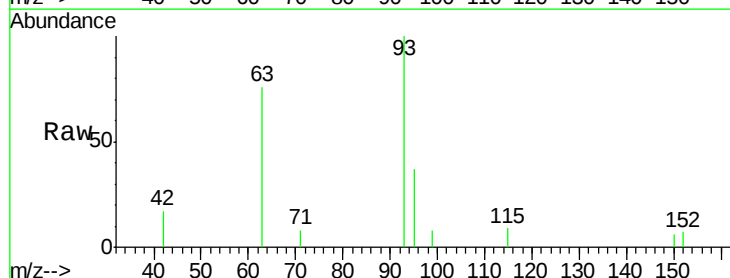
Tgt Ion: 93 Resp: 1376

Ion Ratio Lower Upper

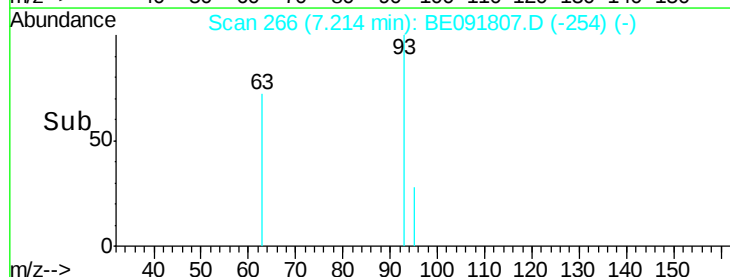
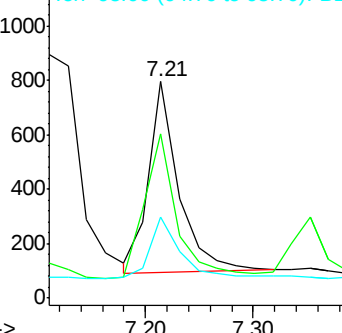
93 100

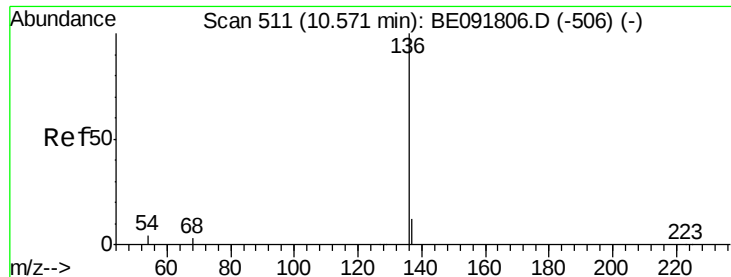
63 82.8 49.5 74.3#

95 33.6 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: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 115460

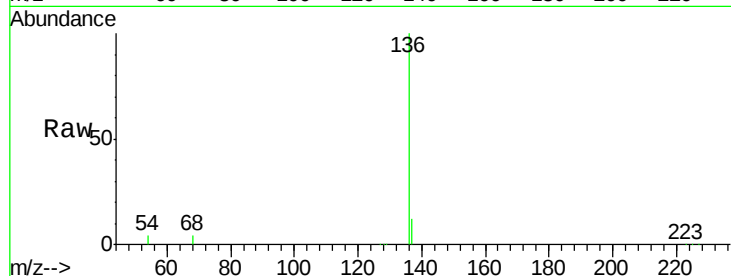
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 4.3 8.2 12.4#

68 3.6 6.2 9.4#

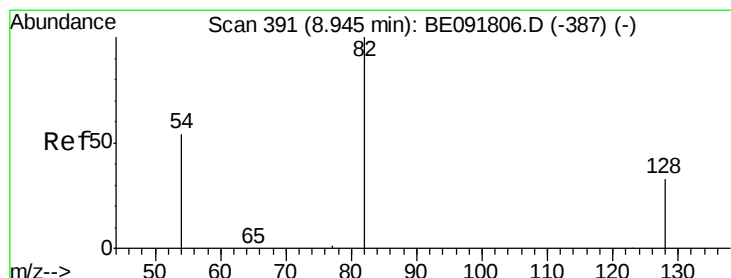
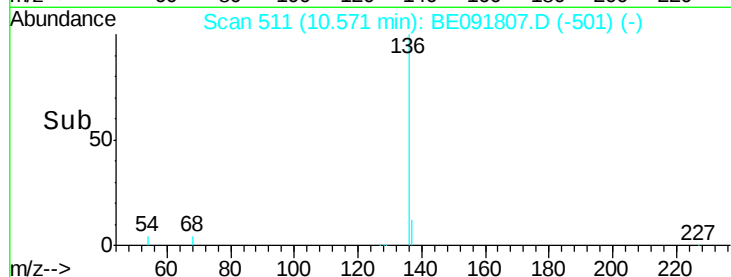
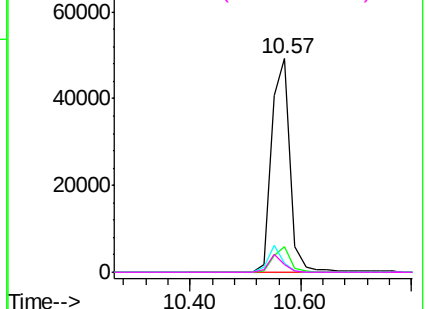


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.21 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

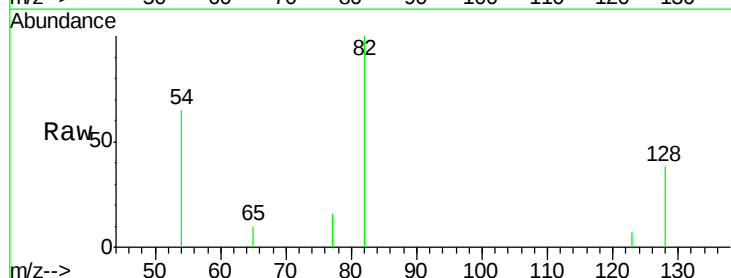
Tgt Ion: 82 Resp: 1559

Ion Ratio Lower Upper

82 100

128 37.9 25.4 38.0

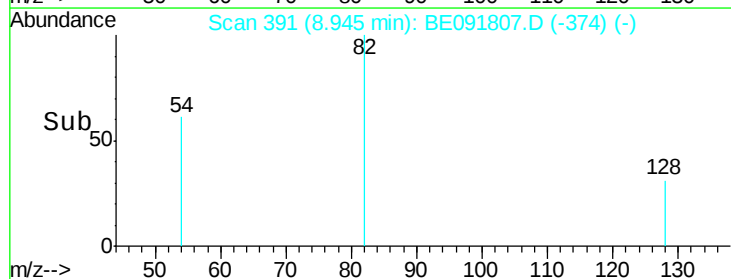
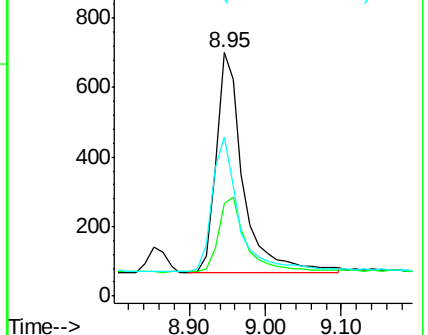
54 65.4 48.4 72.6

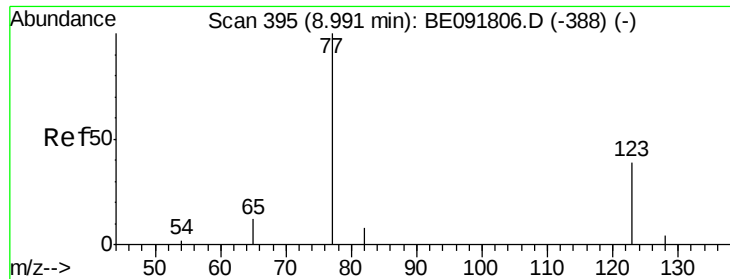


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.20 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampled :

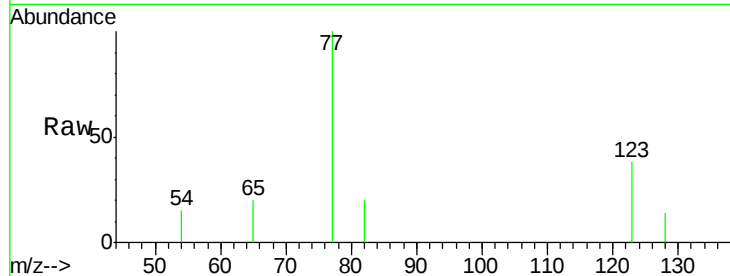
Tot Ion: 77 Resp: 1586

Ion Ratio Lower Upper

77 100

123 35.1 26.9 40.3

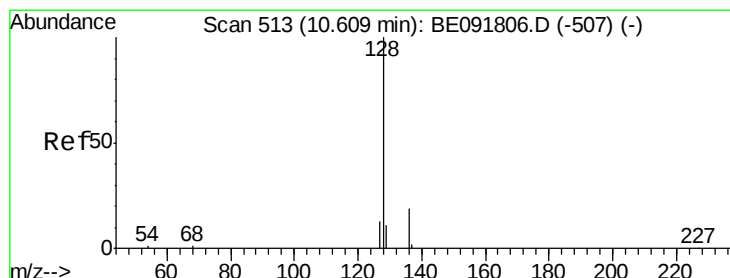
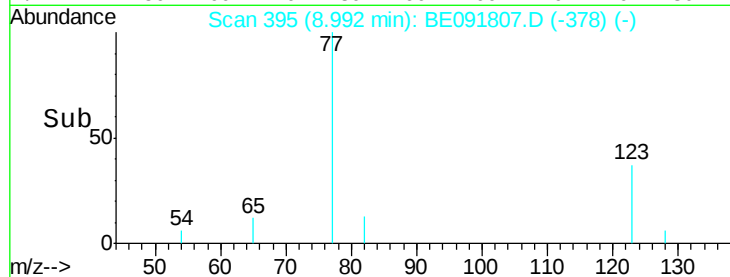
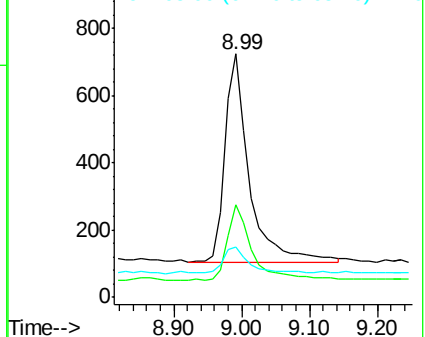
65 13.4 9.4 14.2



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: 0.25 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

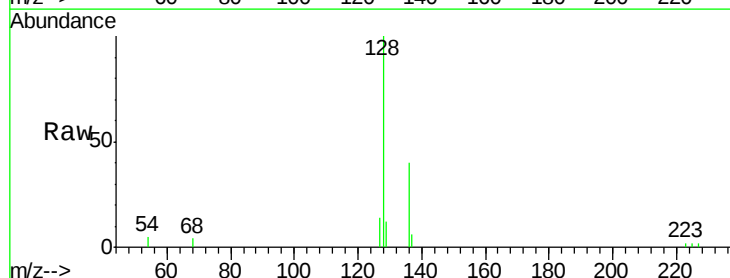
Tgt Ion: 128 Resp: 5809

Ion Ratio Lower Upper

128 100

129 12.3 9.3 13.9

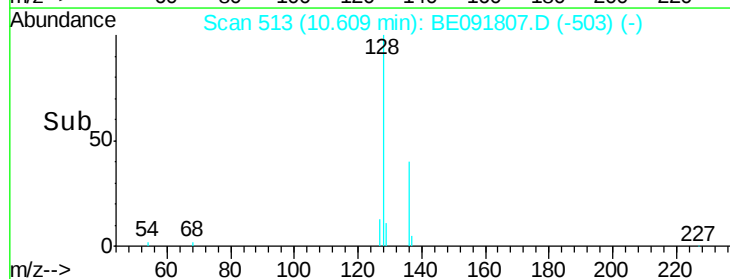
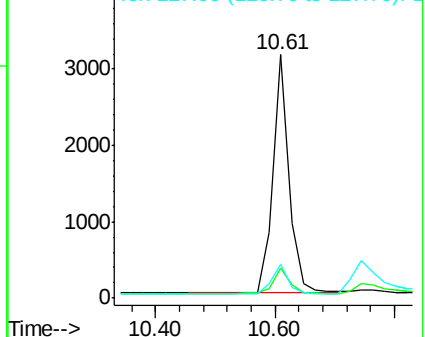
127 14.0 10.7 16.1

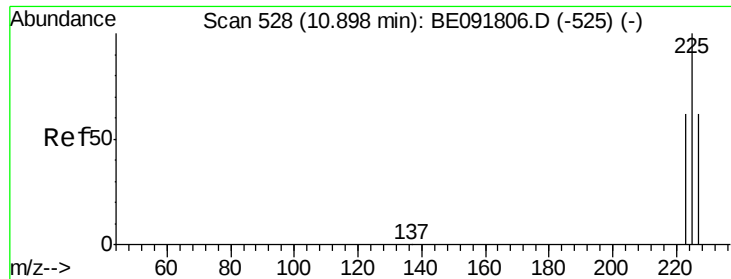


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

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

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

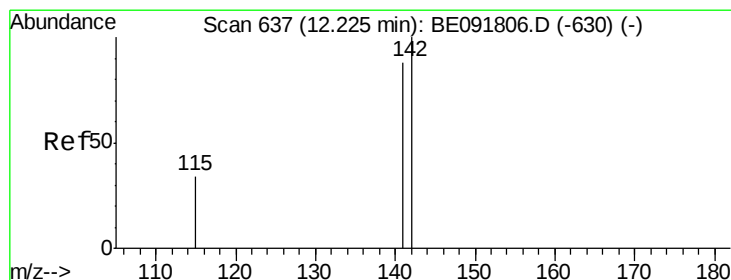
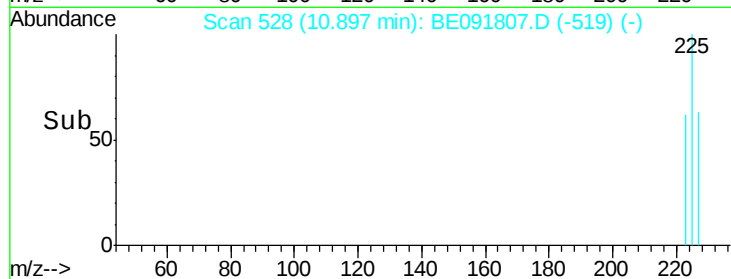
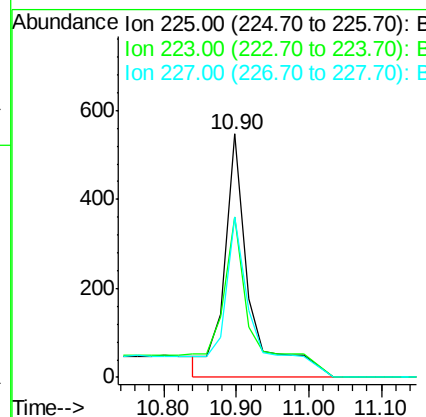
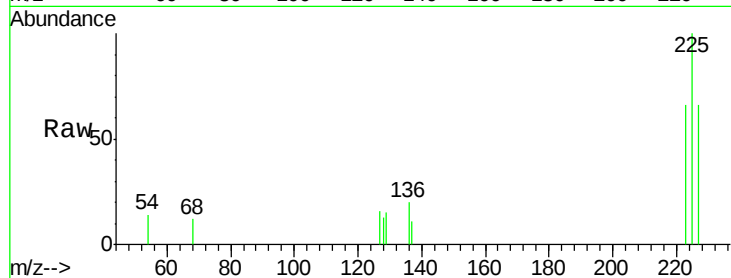




#11
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

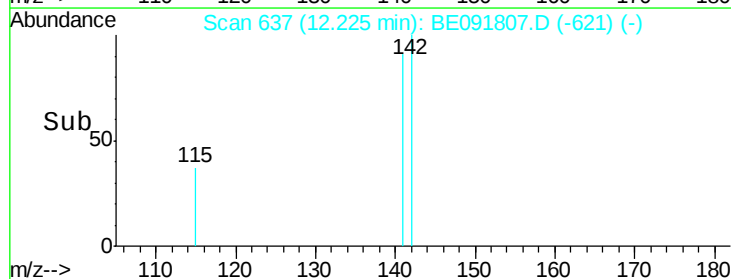
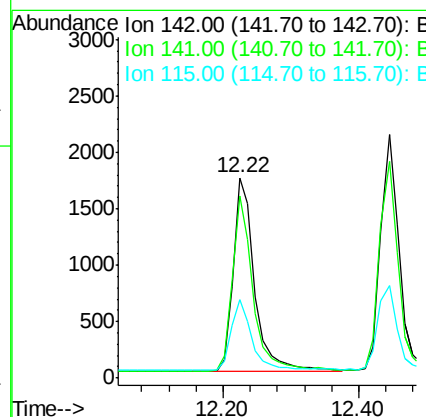
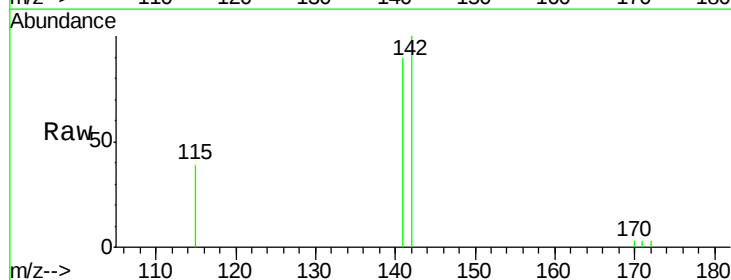
Instrument :
BNA_E
ClientSampleId :

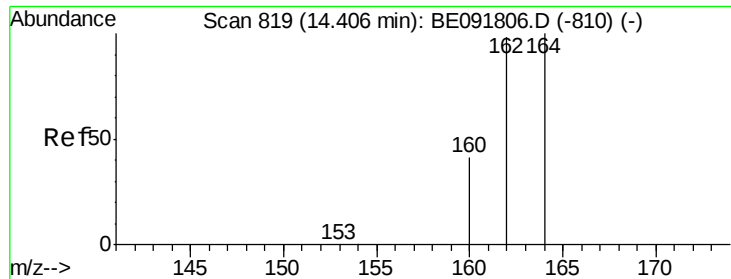
Tot Ion:225 Resp: 1391
Ion Ratio Lower Upper
225 100
223 82.0 49.0 73.6#
227 75.8 50.3 75.5#



#12
2-Methylnaphthalene
Concen: 0.25 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

Tgt Ion:142 Resp: 3811
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.0
115 39.0 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

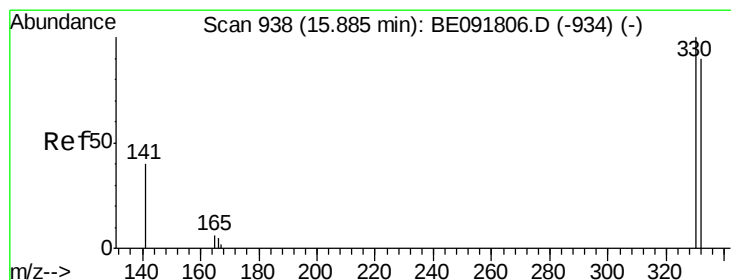
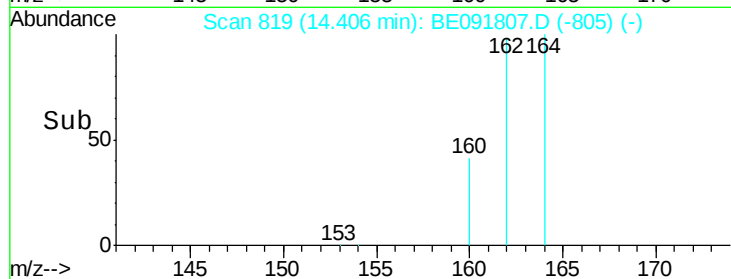
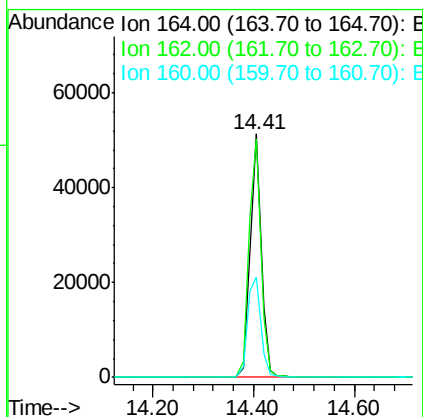
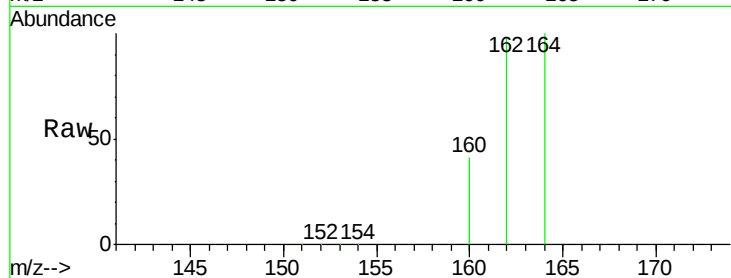
Tot Ion:164 Resp: 78605

Ion Ratio Lower Upper

164 100

162 97.7 85.3 127.9

160 41.1 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.24 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

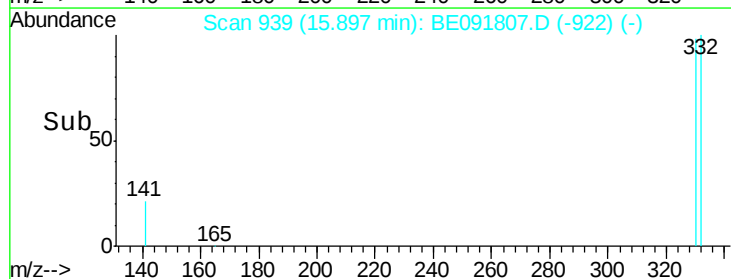
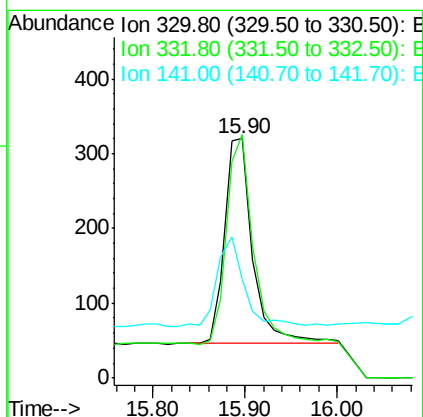
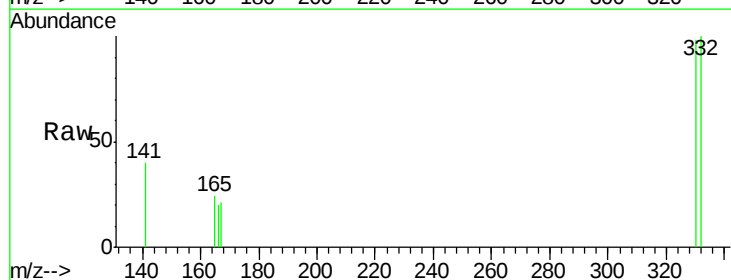
Tgt Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 98.8 79.1 118.7

141 41.4 125.4 188.0#

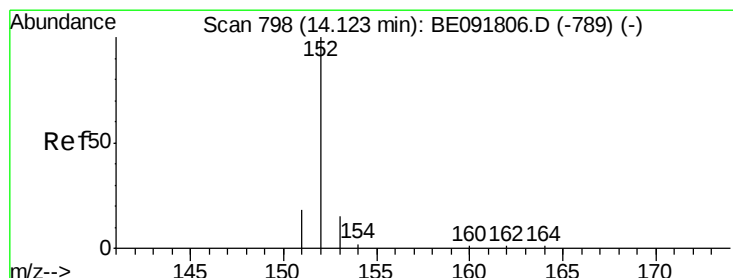
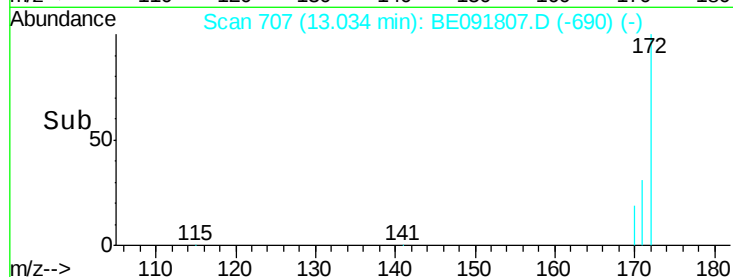
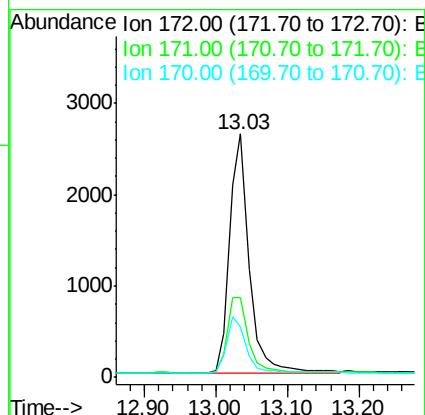
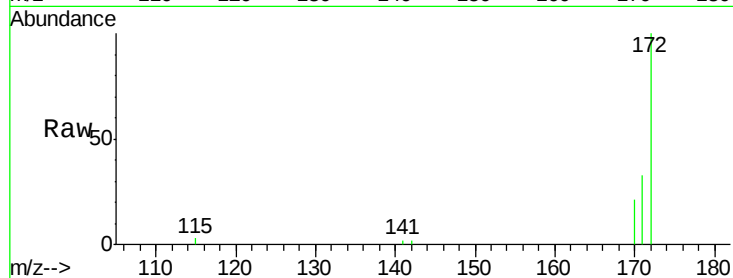




#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

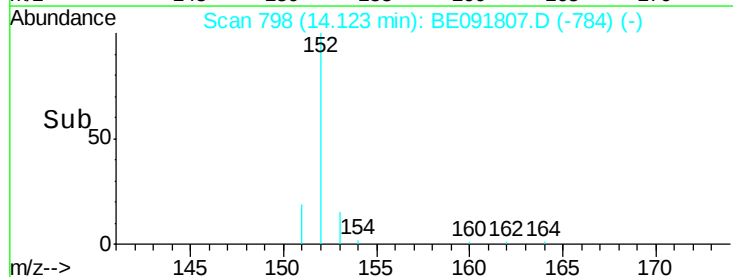
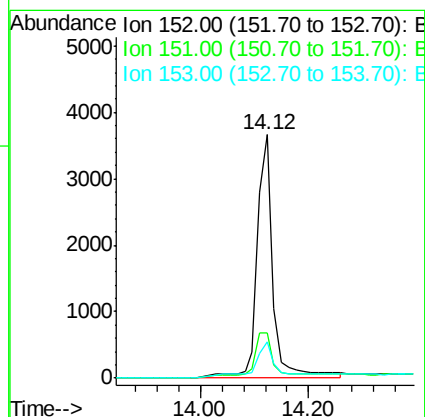
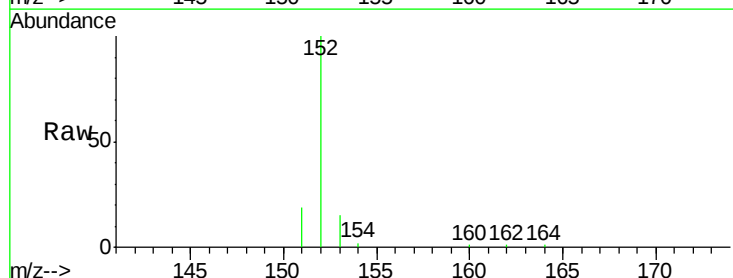
Instrument :
BNA_E
ClientSampleId :

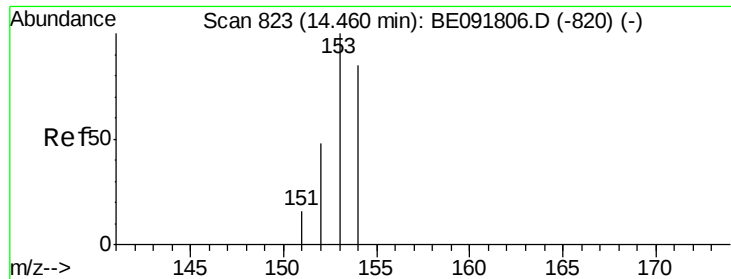
Tot Ion:172 Resp: 4969
Ion Ratio Lower Upper
172 100
171 32.6 28.8 43.2
170 20.8 19.3 28.9



#16
Acenaphthylene
Concen: 0.27 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

Tgt Ion:152 Resp: 8060
Ion Ratio Lower Upper
152 100
151 27.4 3.9 5.9#
153 21.7 10.3 15.5#





#17

Acenaphthene

Concen: 0.24 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

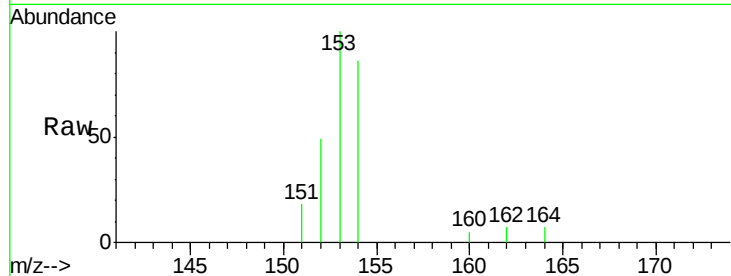
Tot Ion:154 Resp: 4656

Ion Ratio Lower Upper

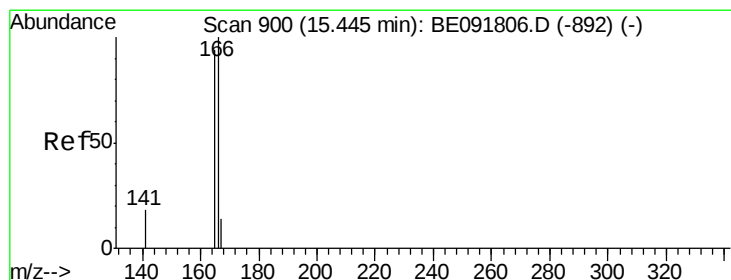
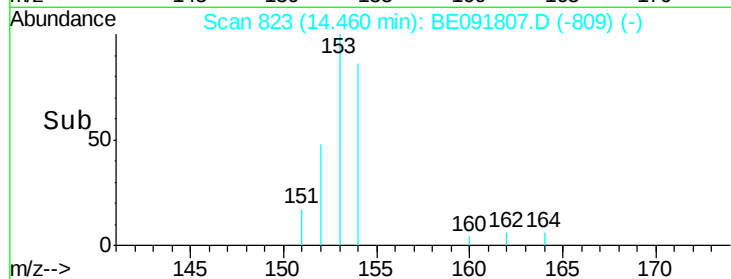
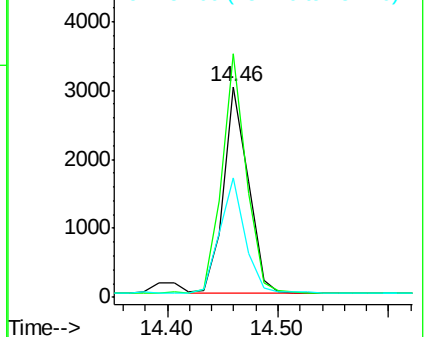
154 100

153 115.7 80.0 120.0

152 57.0 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: 0.25 ng

RT: 15.45 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

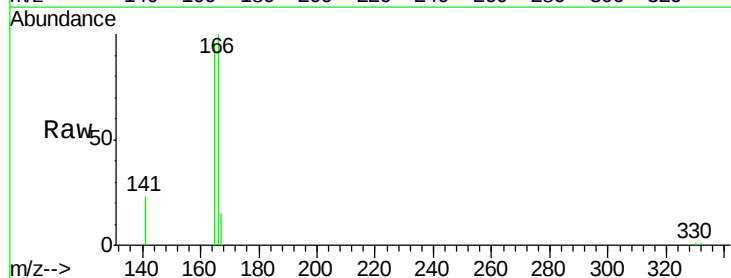
Tgt Ion:166 Resp: 6016

Ion Ratio Lower Upper

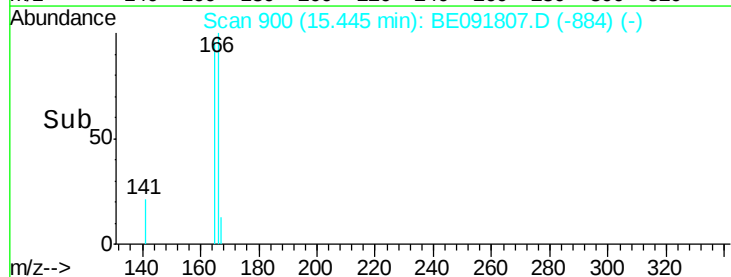
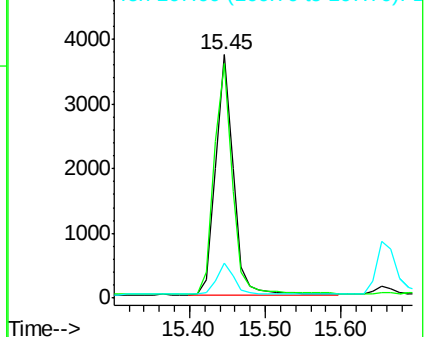
166 100

165 98.9 80.8 121.2

167 13.4 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

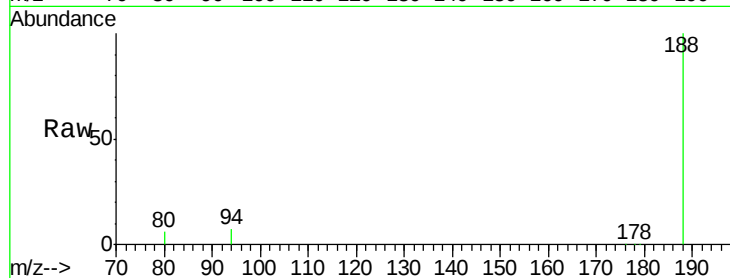




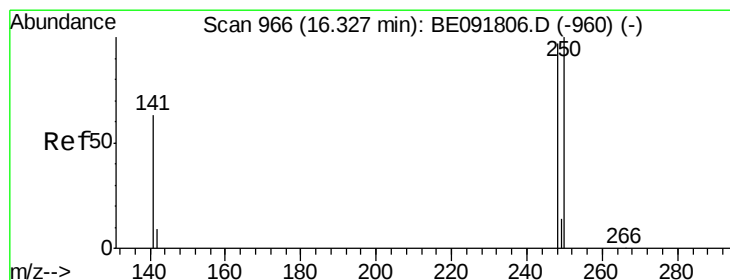
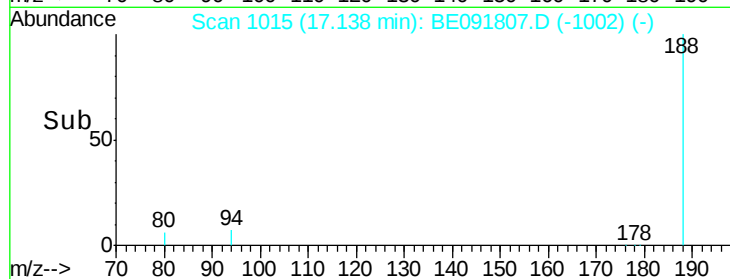
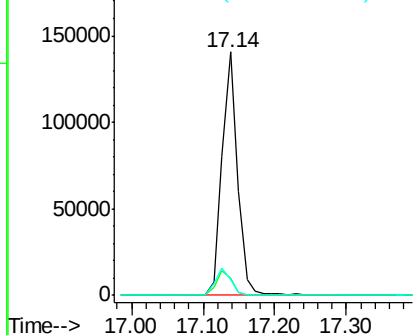
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 211531
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 6.2 9.4 14.0#

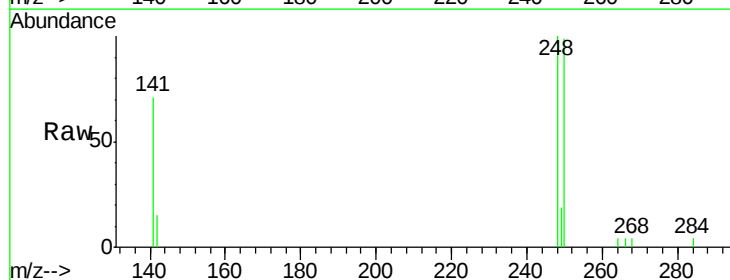


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

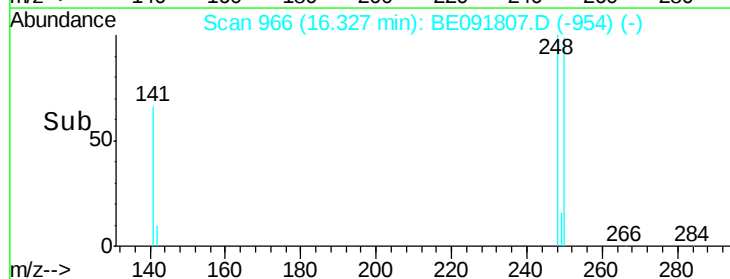
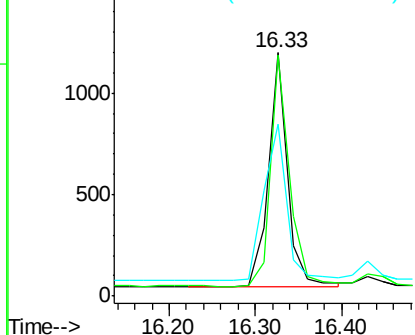


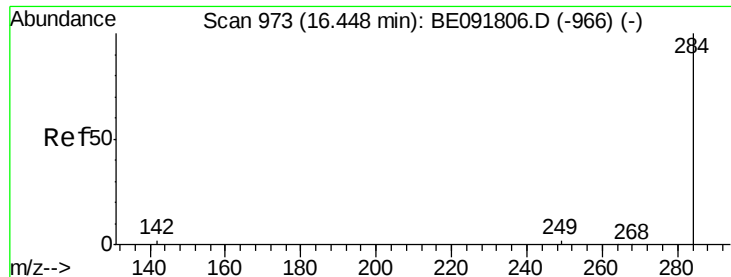
#20
4-Bromophenyl-phenylether
Concen: 0.24 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

Tgt Ion:248 Resp: 1790
Ion Ratio Lower Upper
248 100
250 98.8 80.5 120.7
141 81.5 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

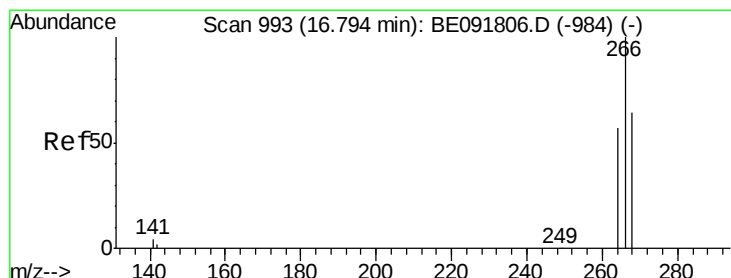
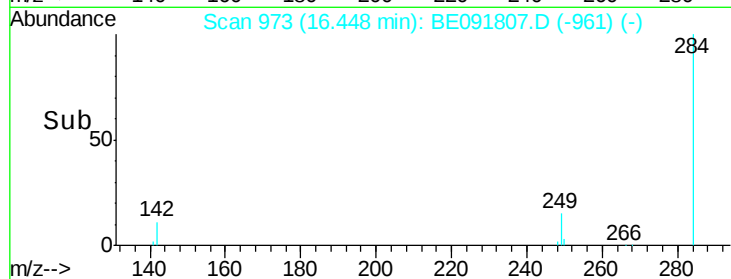
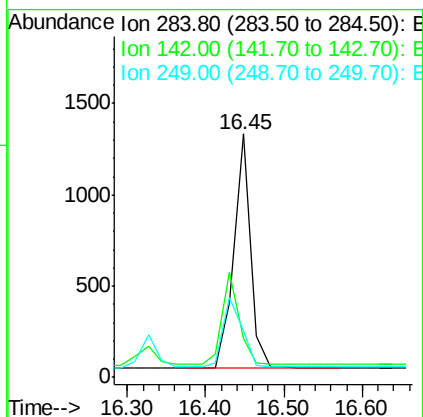
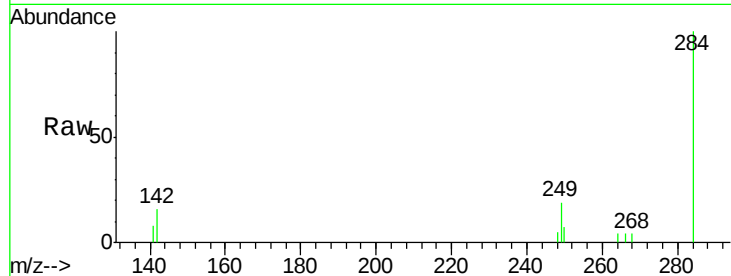




#21
Hexachlorobenzene
Concen: 0.25 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

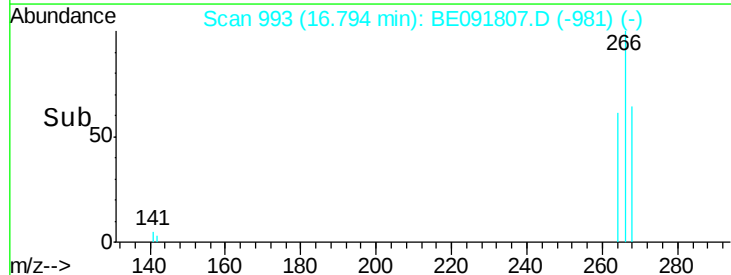
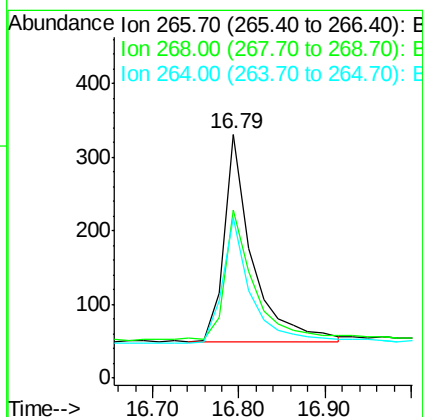
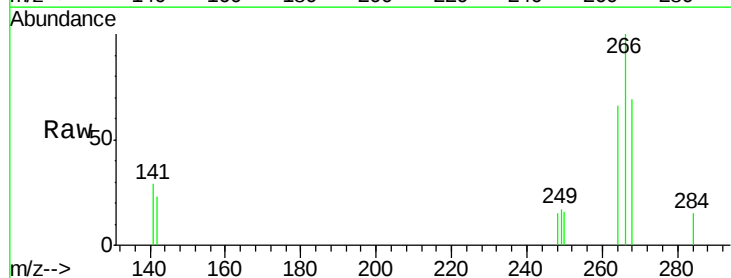
Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1923
Ion Ratio Lower Upper
284 100
142 40.1 32.2 48.2
249 33.5 25.4 38.2



#22
Pentachlorophenol
Concen: 0.18 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091807.D
Acq: 19 May 2016 13:12

Tgt Ion:266 Resp: 635
Ion Ratio Lower Upper
266 100
268 68.9 58.2 87.2
264 65.9 56.2 84.4





#23

Phenanthrene

Concen: 0.21 ng

RT: 17.26 min Scan# 1026

Delta R.T. 0.08 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

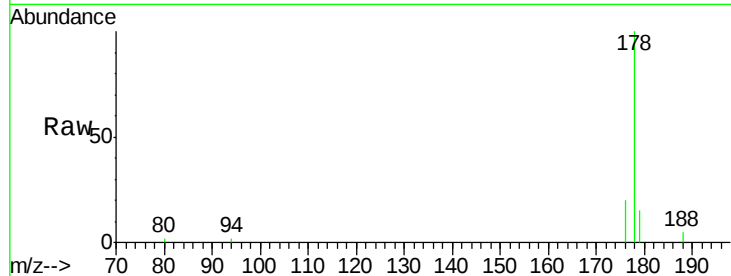
Tot Ion:178 Resp: 9890

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

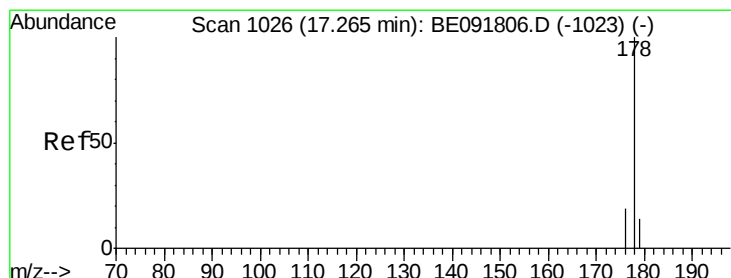
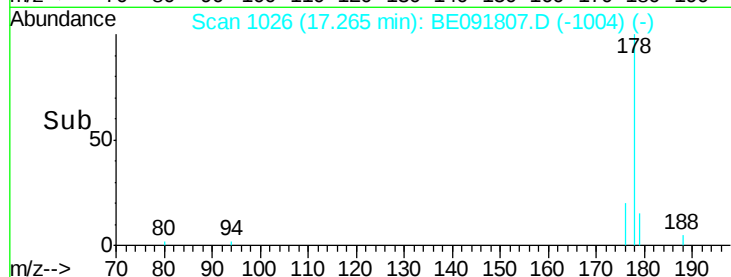
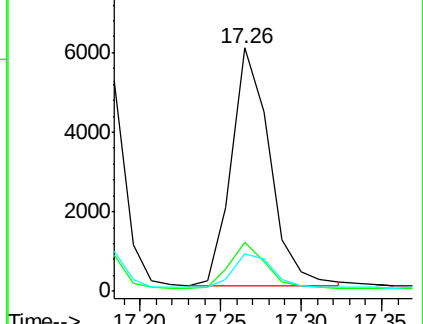
179 15.4 12.6 18.8



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: 0.24 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

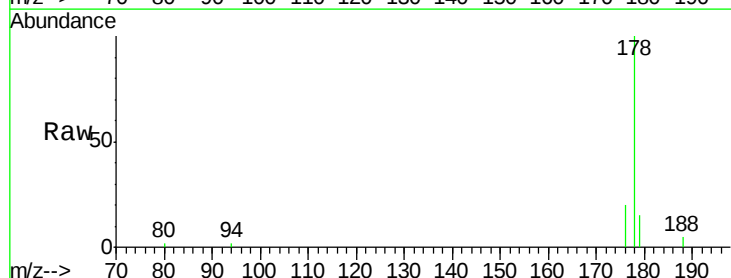
Tgt Ion:178 Resp: 10351

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

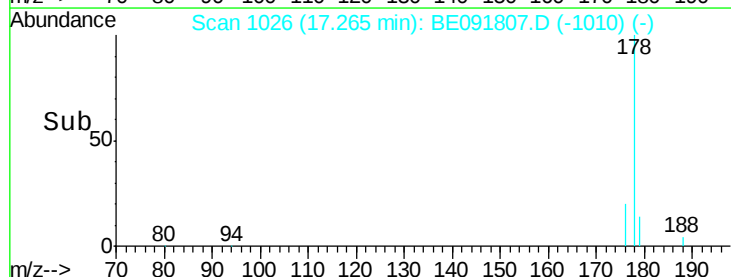
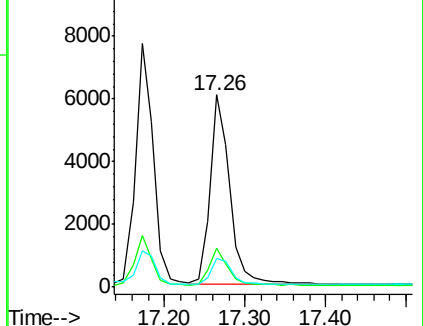
179 14.8 11.8 17.6



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: 0.25 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampled :

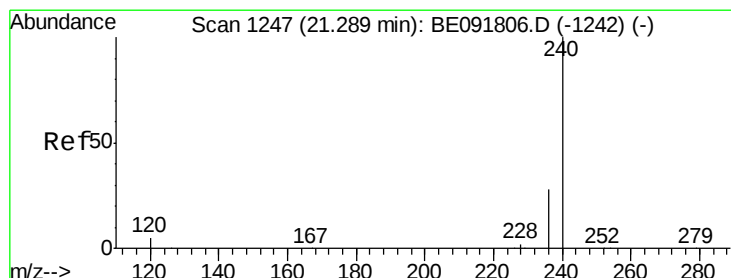
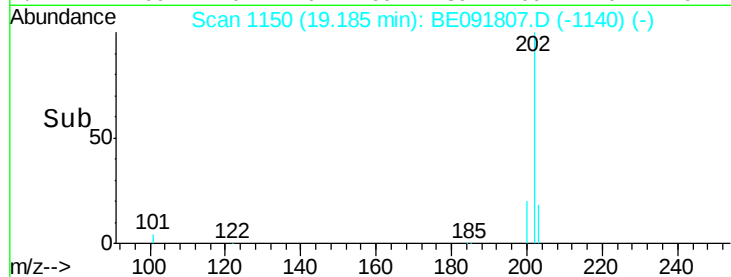
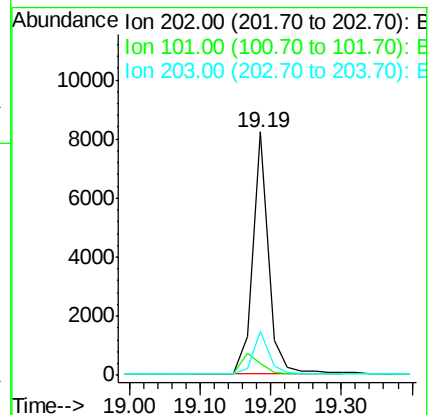
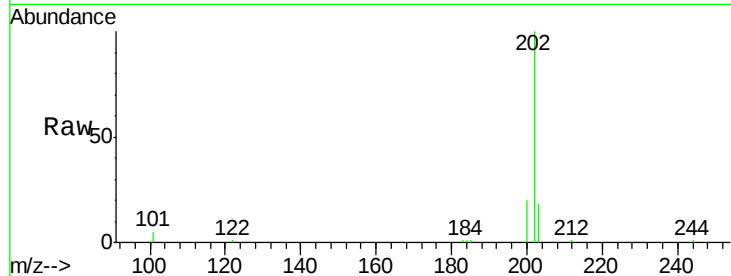
Tot Ion:202 Resp: 12771

Ion Ratio Lower Upper

202 100

101 10.6 11.0 16.6#

203 17.5 13.9 20.9



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

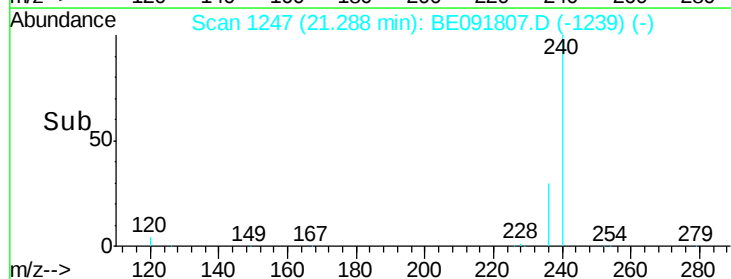
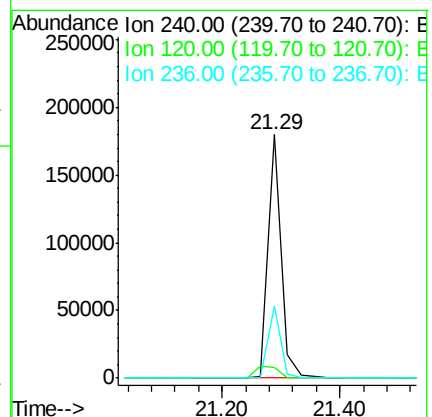
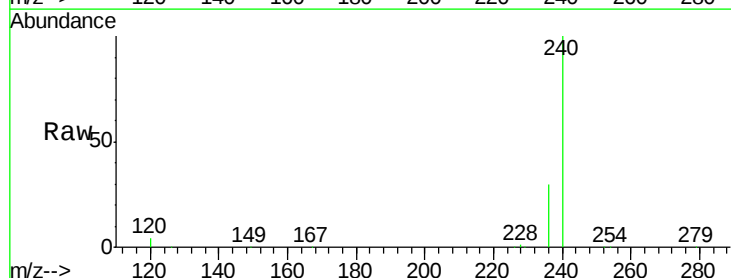
Tgt Ion:240 Resp: 280160

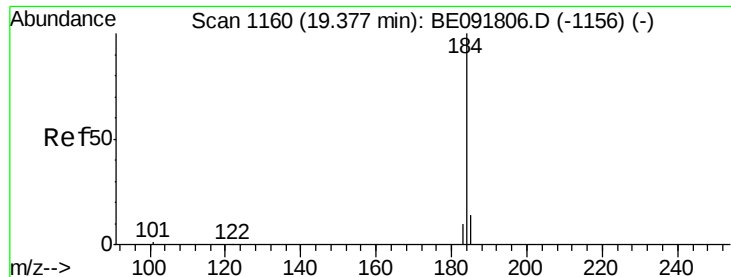
Ion Ratio Lower Upper

240 100

120 4.5 11.0 16.4#

236 29.7 21.7 32.5





#27

Benzidine

Concen: 0.19 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

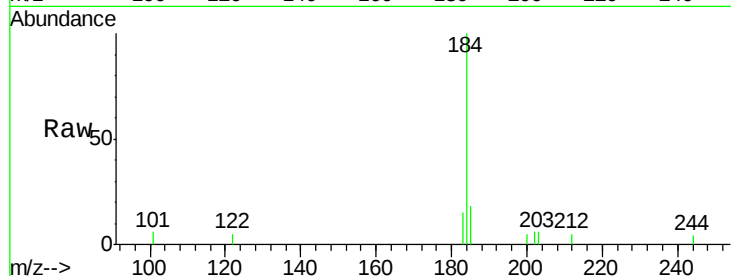
Tot Ion:184 Resp: 3102

Ion Ratio Lower Upper

184 100

185 17.9 22.3 33.5#

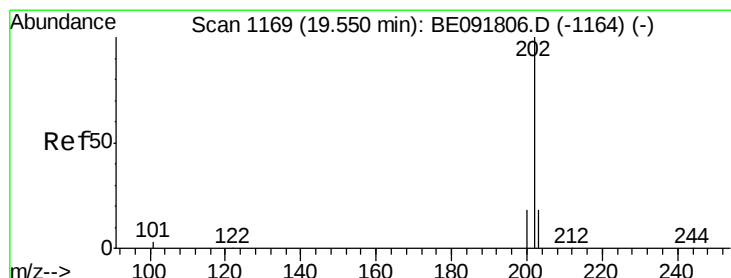
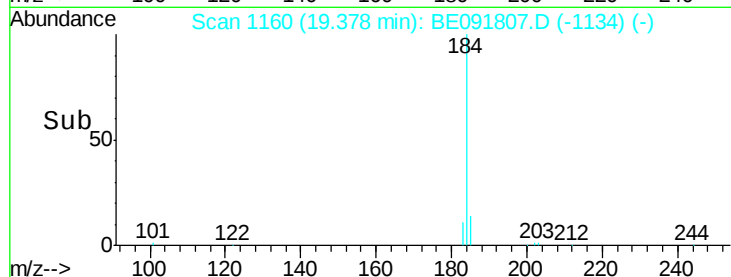
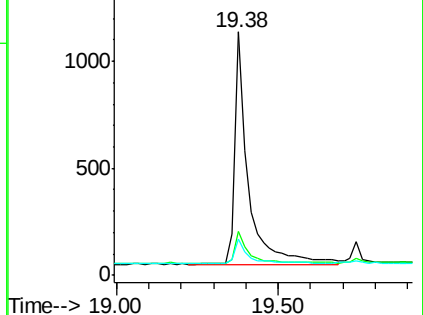
183 15.0 16.4 24.6#



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: 0.21 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

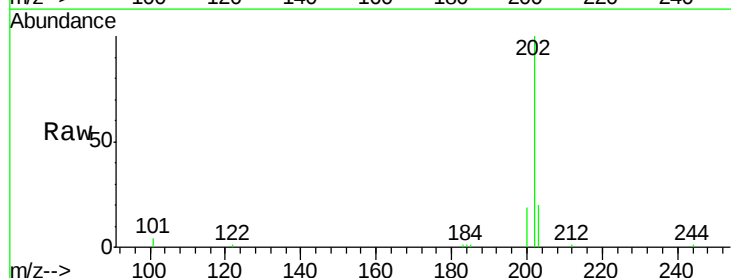
Tgt Ion:202 Resp: 12987

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

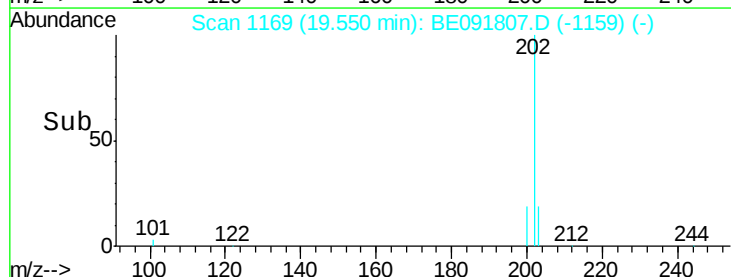
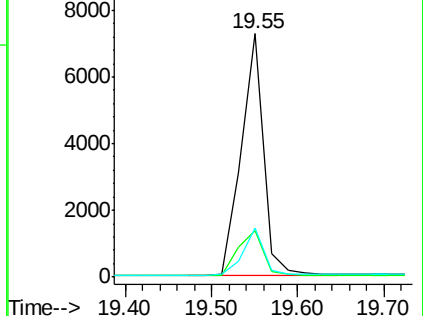
203 18.2 14.0 21.0

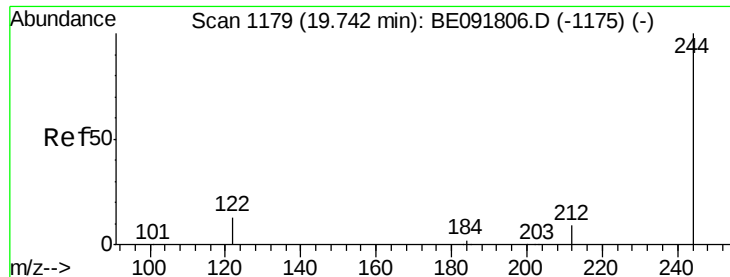


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.20 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

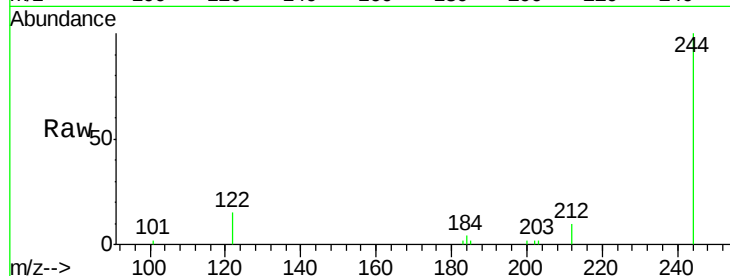
Tot Ion:244 Resp: 8521

Ion Ratio Lower Upper

244 100

212 10.4 6.9 10.3#

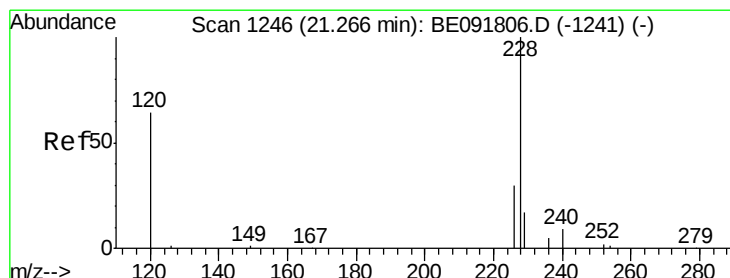
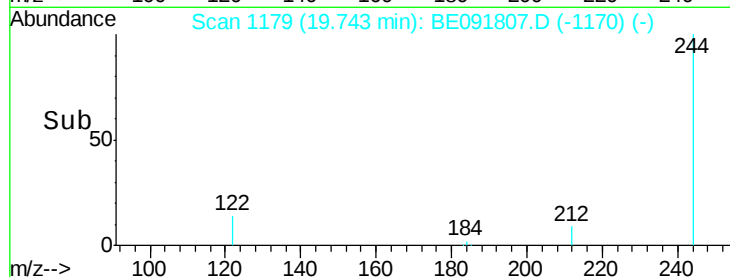
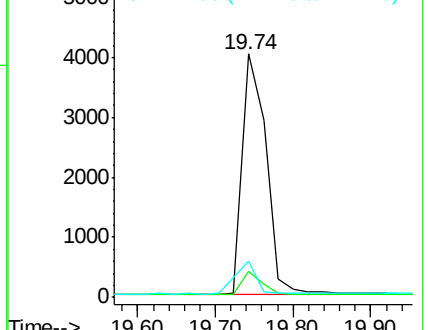
122 15.1 11.0 16.4



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: 0.41 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

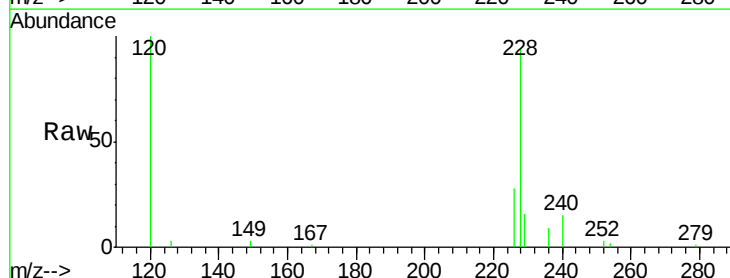
Tgt Ion:228 Resp: 28029

Ion Ratio Lower Upper

228 100

226 30.1 21.0 31.4

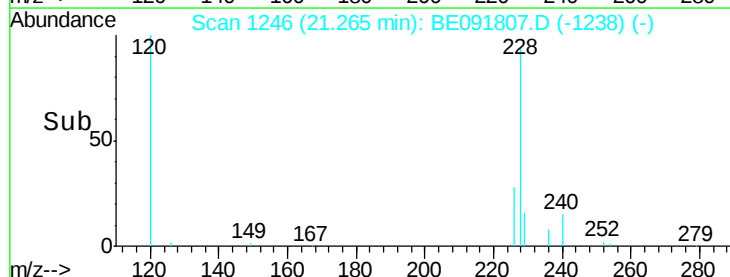
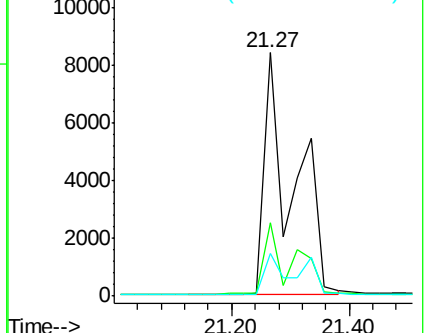
229 17.4 15.7 23.5



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

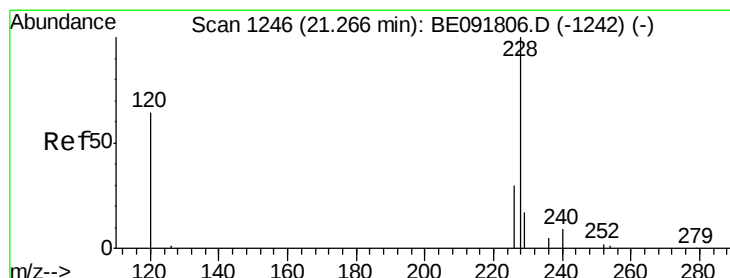
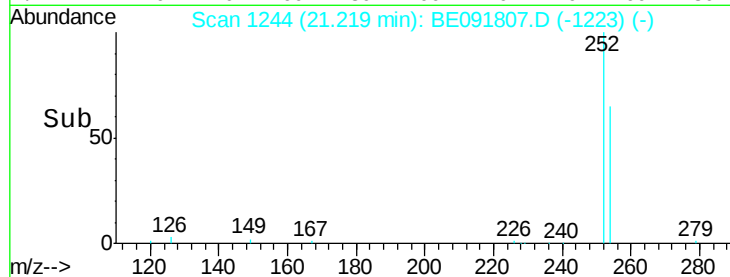
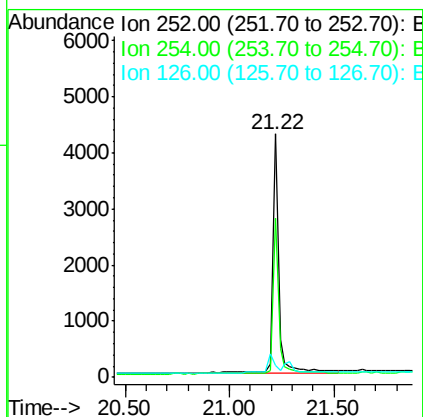
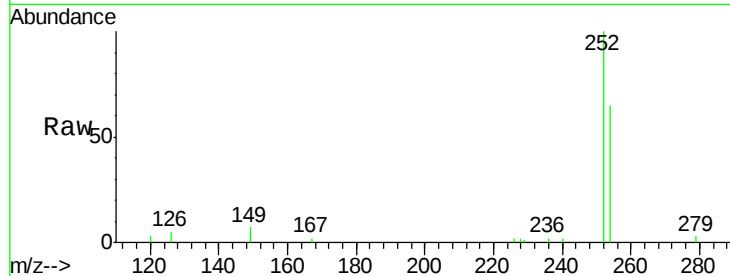




#31
 3,3'-Dichlorobenzidine
 Concen: 0.24 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

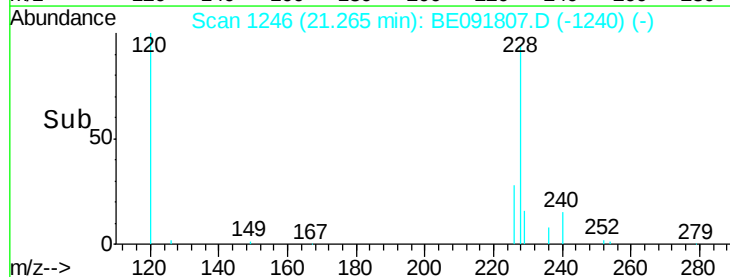
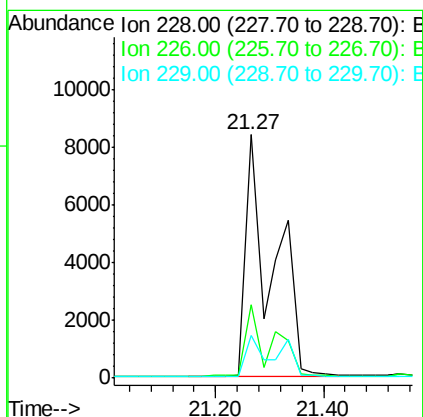
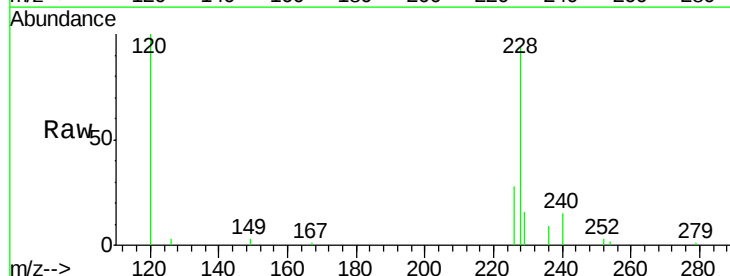
Instrument :
 BNA_E
 ClientSampleId :

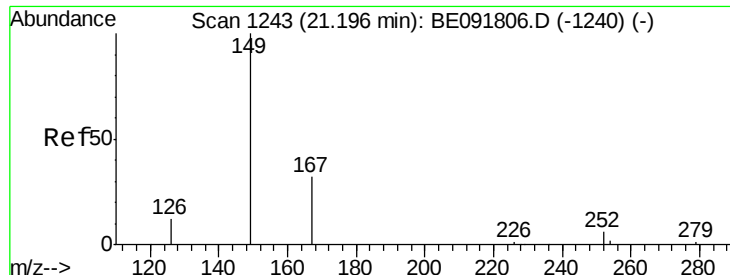
Tot Ion:252 Resp: 8326
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.1 76.7
 126 5.1 12.6 18.8#



#32
 Chrysene
 Concen: 0.40 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

Tgt Ion:228 Resp: 28207
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.0 36.0
 229 17.4 15.9 23.9

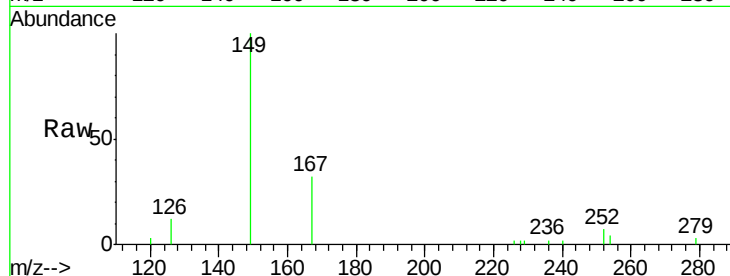




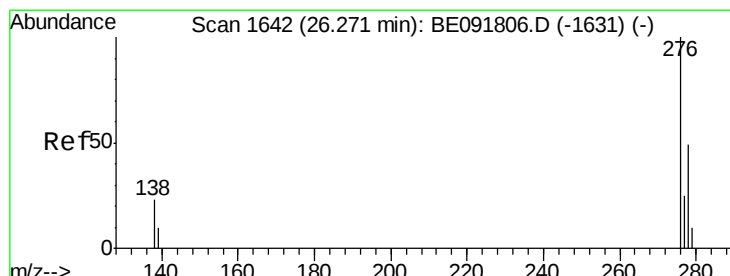
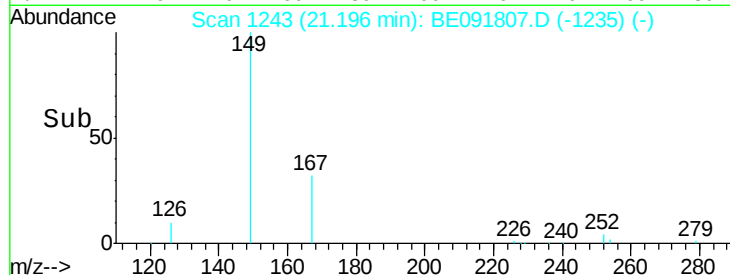
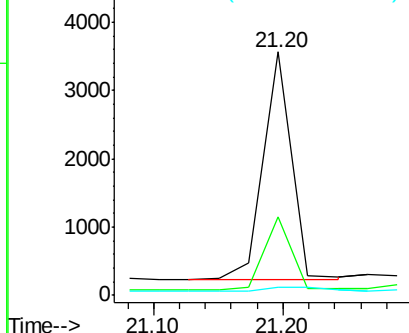
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 5086
 Ion Ratio Lower Upper
 149 100
 167 31.3 19.5 29.3#
 279 0.0 10.0 15.0#

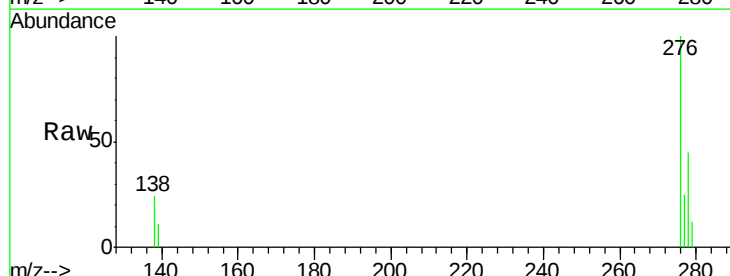


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

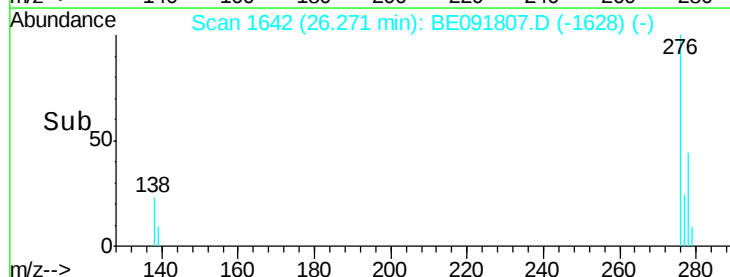
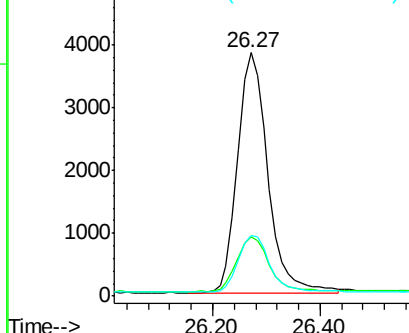


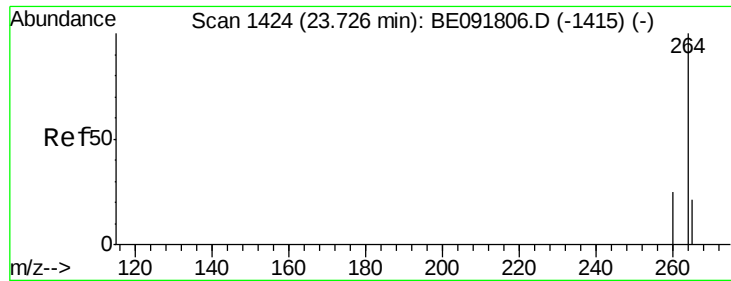
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.24 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

Tgt Ion:276 Resp: 14914
 Ion Ratio Lower Upper
 276 100
 138 24.4 23.4 35.2
 277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

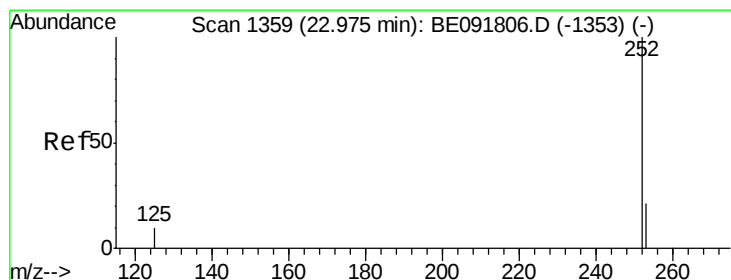
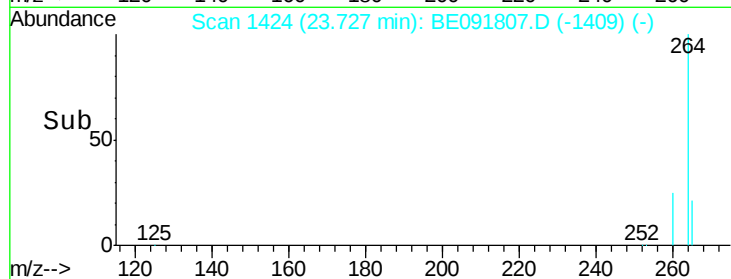
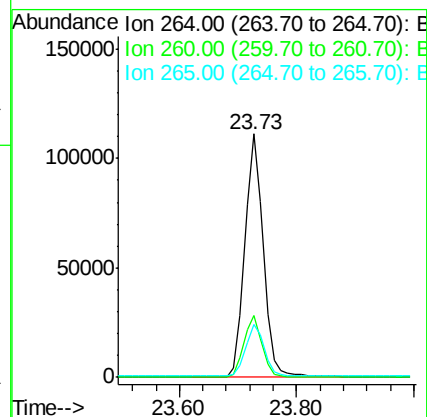
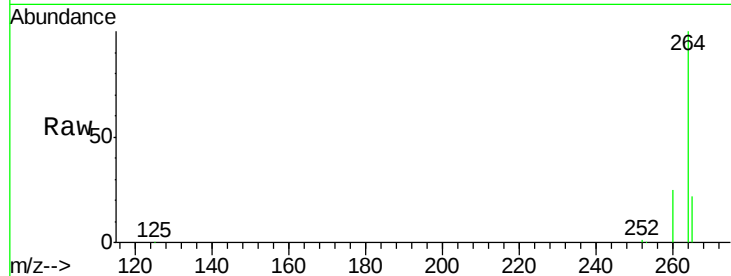




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

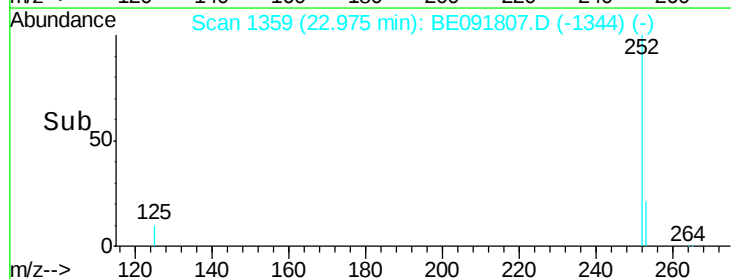
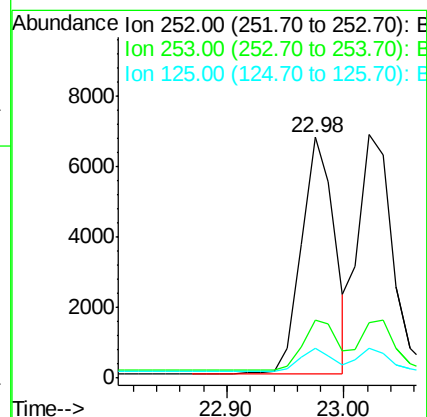
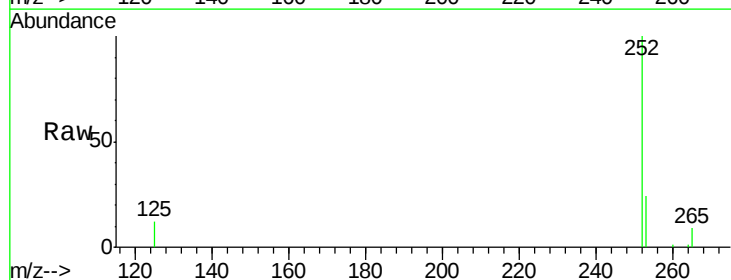
Instrument :
 BNA_E
 ClientSampleId :

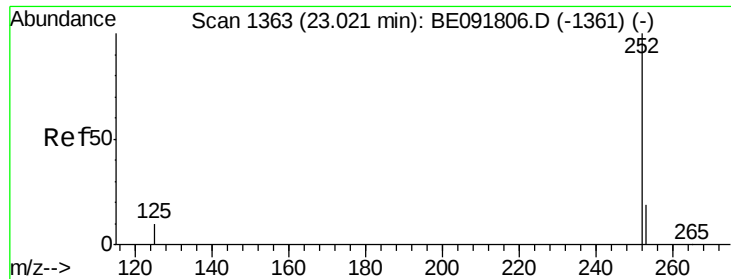
Tot Ion:264 Resp: 243257
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.0 30.0
 265 21.8 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.23 ng
 RT: 22.98 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091807.D
 Acq: 19 May 2016 13:12

Tgt Ion:252 Resp: 13081
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.4 26.0
 125 12.4 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.24 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

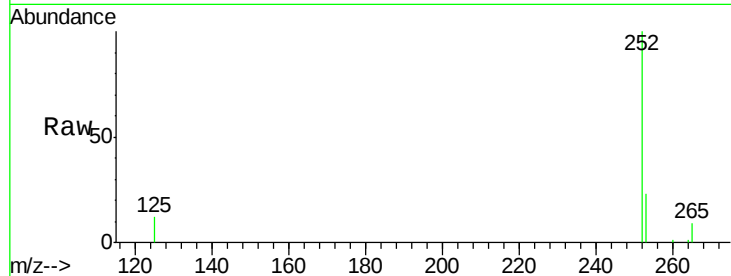
Tot Ion:252 Resp: 13763

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

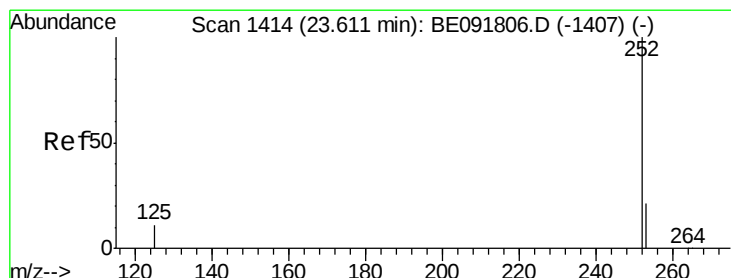
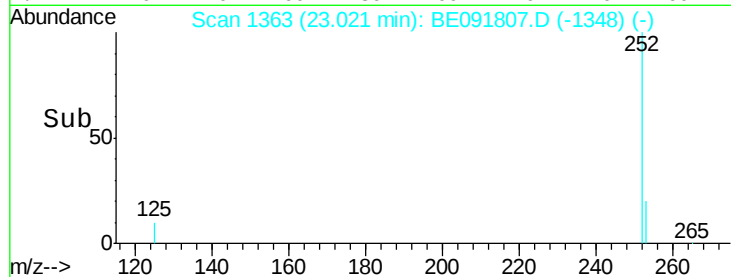
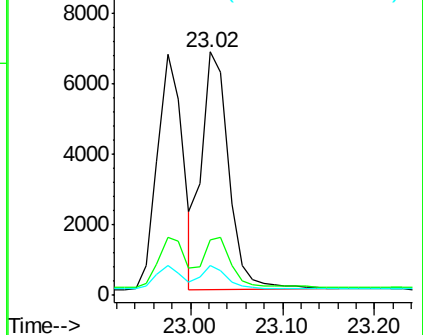
125 12.0 9.9 14.9



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: 0.23 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

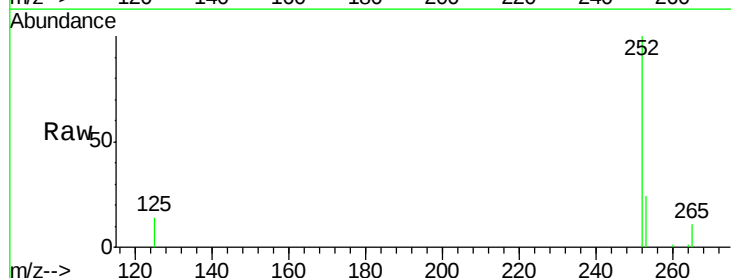
Tgt Ion:252 Resp: 12591

Ion Ratio Lower Upper

252 100

253 24.5 18.1 27.1

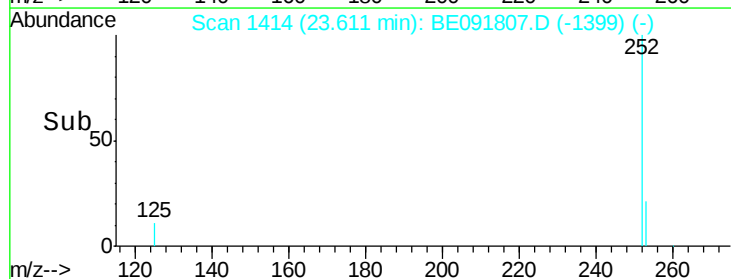
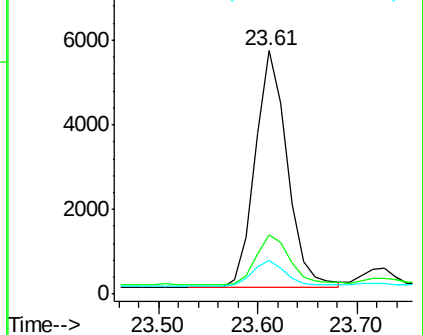
125 13.8 11.0 16.4



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: 0.24 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

Instrument :

BNA_E

ClientSampleId :

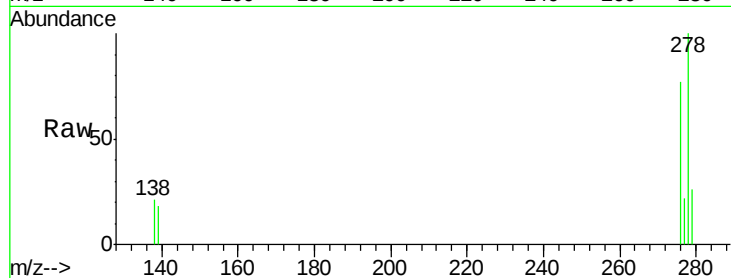
Tot Ion:278 Resp: 12292

Ion Ratio Lower Upper

278 100

139 17.7 16.0 24.0

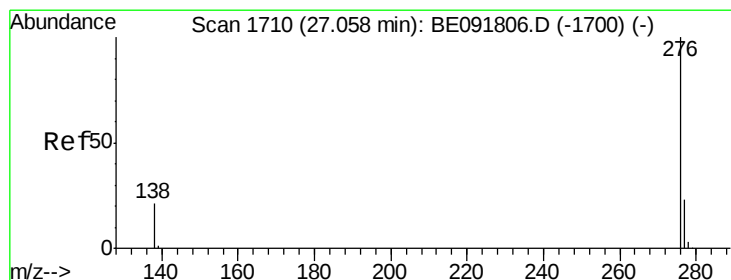
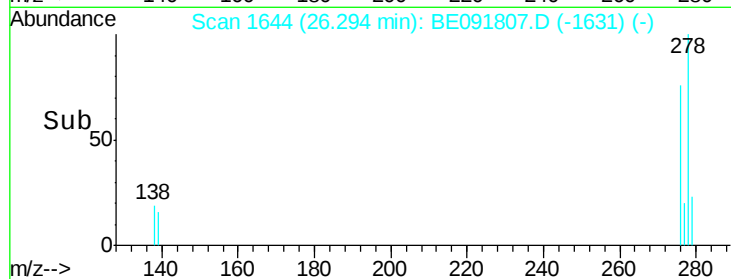
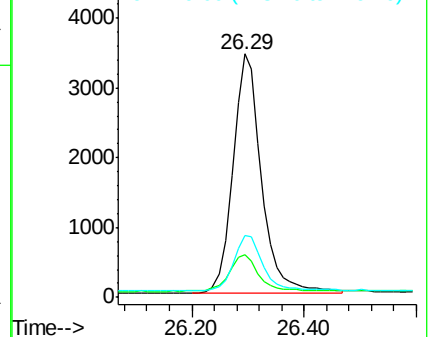
279 25.6 19.4 29.2



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: 0.25 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091807.D

Acq: 19 May 2016 13:12

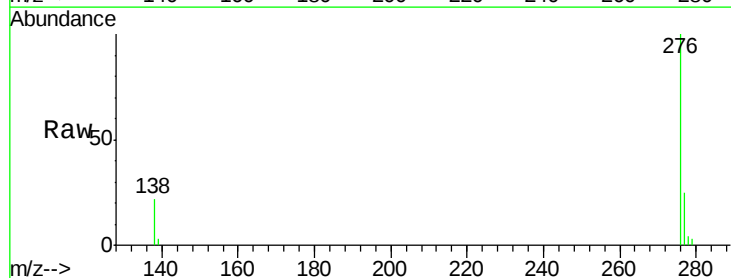
Tgt Ion:276 Resp: 13016

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 22.2 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

