

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094903.D
 Acq On : 1 Dec 2017 13:44
 Operator : SJ/JU
 Sample : PB104097BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104097BS

Quant Time: Dec 01 14:38:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8409	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	18488	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9293	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	21322	0.40	ng	0.00
27) Chrysene-d12	21.88	240	21758	0.40	ng	0.00
34) Perylene-d12	24.56	264	17640	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	3192	0.24	ng	0.00
5) Phenol-d6	7.59	99	4586	0.23	ng	0.00
8) Nitrobenzene-d5	9.65	82	2946	0.27	ng	-0.02
11) 2-Methylnaphthalene-d10	12.86	152	6562	0.22	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	320	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	9779	0.25	ng	0.00
25) Fluoranthene-d10	19.75	212	60822	0.21	ng	0.00
29) Terphenyl-d14	20.33	244	11397	0.28	ng	0.00

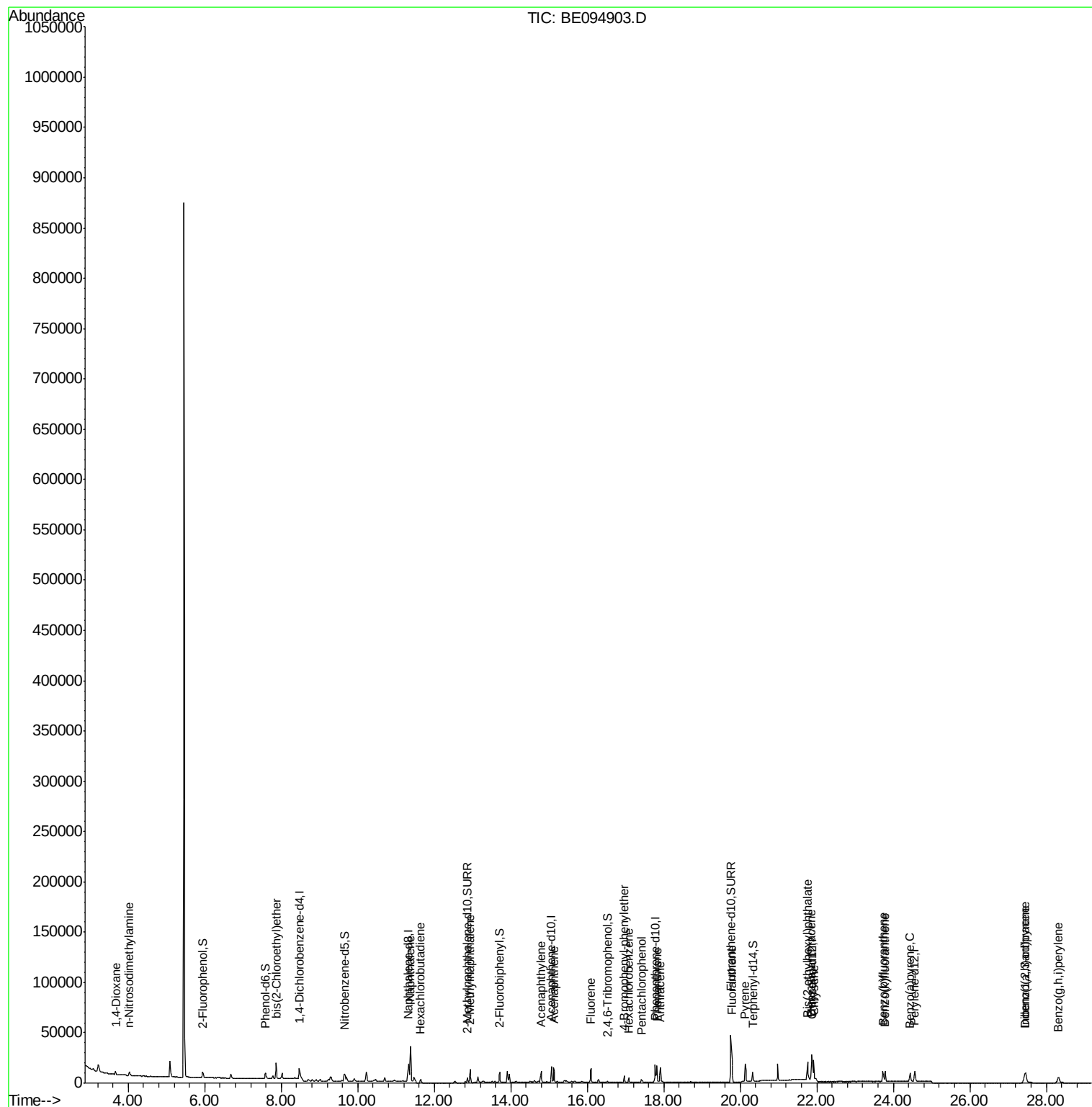
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.68	88	1765	0.201	ng	# 1
3) n-Nitrosodimethylamine	4.02	42	2959	0.264	ng	# 79
6) bis(2-Chloroethyl)ether	7.87	93	4966	0.254	ng	98
9) Naphthalene	11.38	128	54422	0.251	ng	99
10) Hexachlorobutadiene	11.64	225	2366	0.259	ng	97
12) 2-Methylnaphthalene	12.94	142	13575	0.252	ng	100
16) Acenaphthylene	14.79	152	12097	0.230	ng	98
17) Acenaphthene	15.12	154	8092	0.238	ng	96
18) Fluorene	16.10	166	10151	0.235	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	3097	0.260	ng	# 78
21) Hexachlorobenzene	17.09	284	3095	0.267	ng	# 80
22) Pentachlorophenol	17.41	266	1187	0.442	ng	# 68
23) Phenanthrene	17.82	178	16931	0.249	ng	98
24) Anthracene	17.91	178	18071	0.251	ng	# 91
26) Fluoranthene	19.78	202	19919	0.228	ng	99
28) Pyrene	20.13	202	22535	0.300	ng	99
30) Benzo(a)anthracene	21.85	228	16920	0.254	ng	# 62
31) Chrysene	21.92	228	18698	0.254	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	22111	0.200	ng	100
33) Indeno(1,2,3-cd)pyrene	27.43	276	16553	0.274	ng	99
35) Benzo(b)fluoranthene	23.73	252	16097	0.250	ng	# 42
36) Benzo(k)fluoranthene	23.78	252	15725	0.240	ng	# 41
37) Benzo(a)pyrene	24.43	252	14136	0.250	ng	# 35
38) Dibenzo(a,h)anthracene	27.46	278	13828	0.265	ng	# 42
39) Benzo(g,h,i)perylene	28.32	276	14384	0.276	ng	# 52

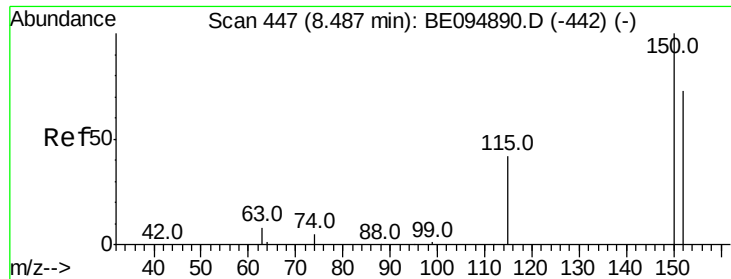
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 01 13:33:28 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.48 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

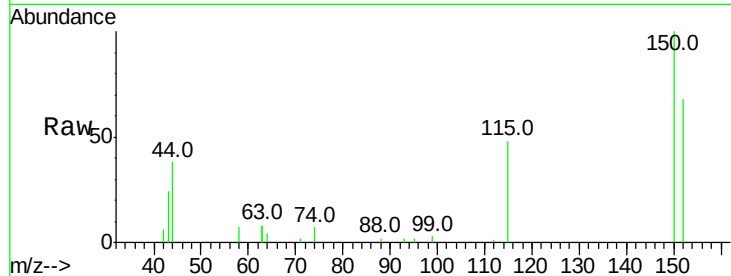
Tot Ion:152 Resp: 8409

Ion Ratio Lower Upper

152 100

150 146.5 117.2 175.8

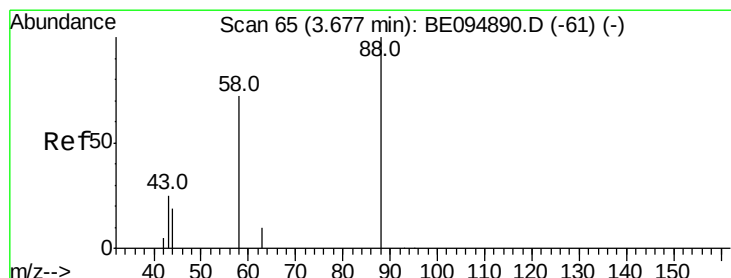
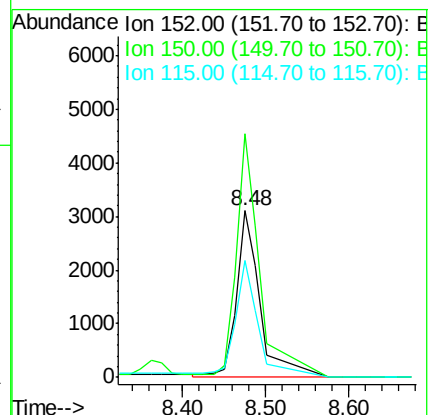
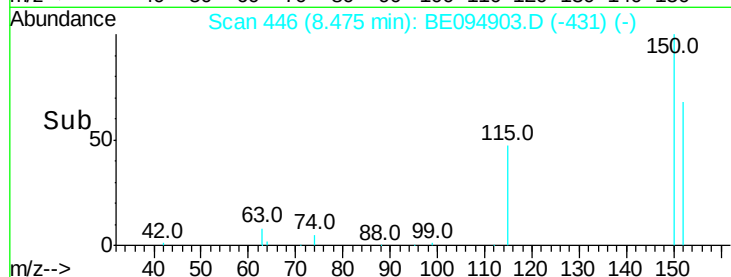
115 70.6 57.0 85.6



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: 0.201 ng

RT: 3.68 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

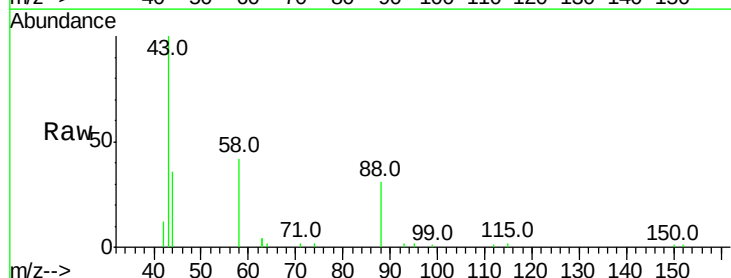
Tgt Ion: 88 Resp: 1765

Ion Ratio Lower Upper

88 100

58 127.6 63.2 94.8#

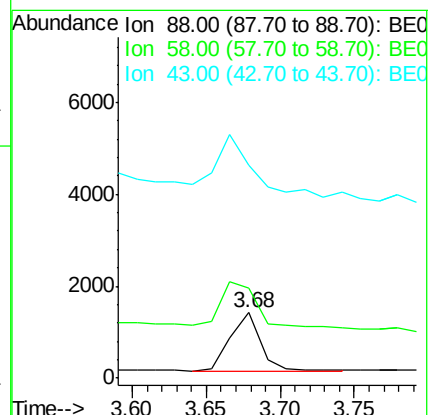
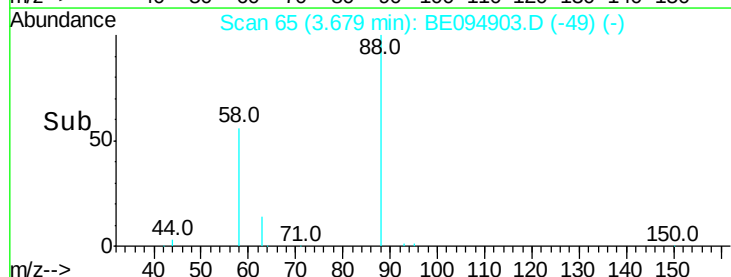
43 170.3 41.2 61.8#

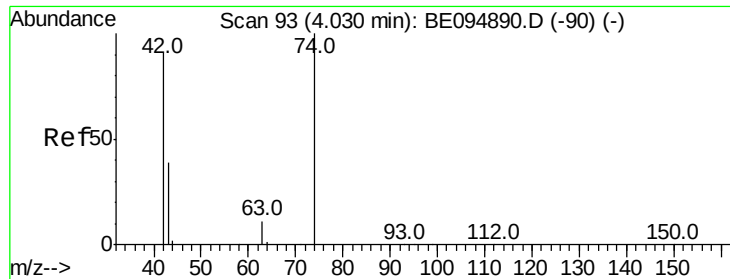


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



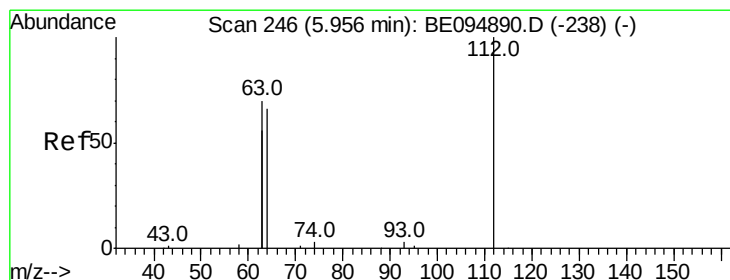
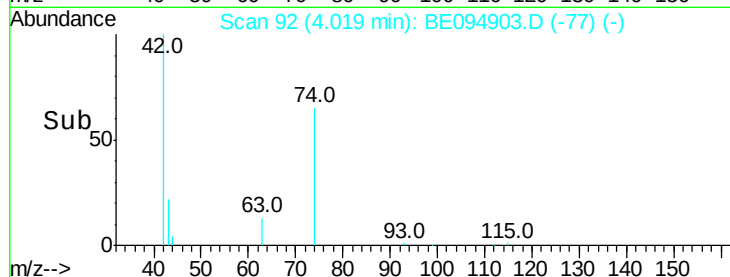
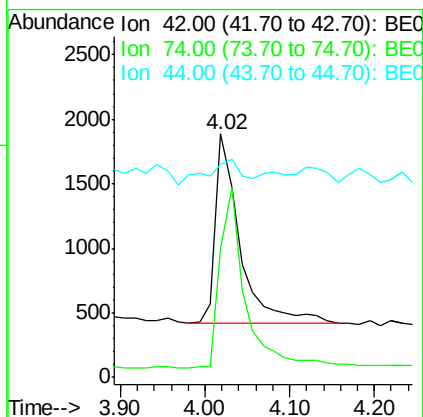
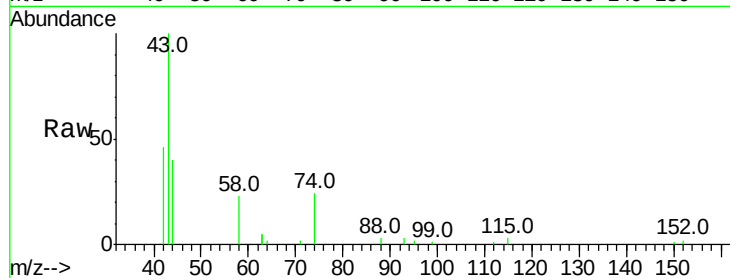


#3

n-Nitrosodimethylamine
 Concen: 0.264 ng
 RT: 4.02 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BE094903.D
 Acq: 1 Dec 2017 13:44

Instrument :
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 ClientSampleId :
 PB104097BS

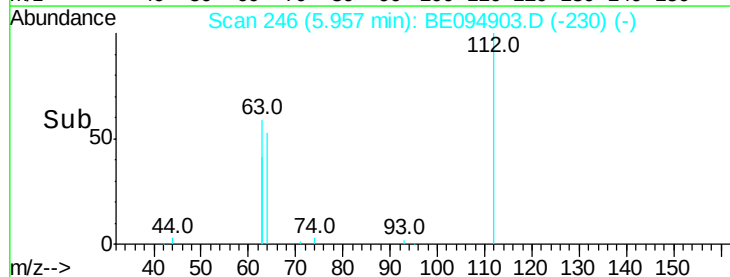
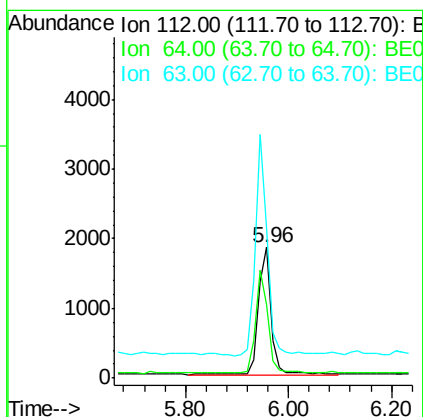
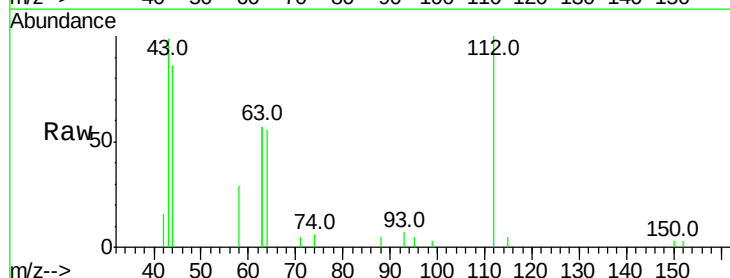
Tot Ion: 42 Resp: 2959
 Ion Ratio Lower Upper
 42 100
 74 99.6 100.3 150.5#
 44 17.4 17.0 25.4

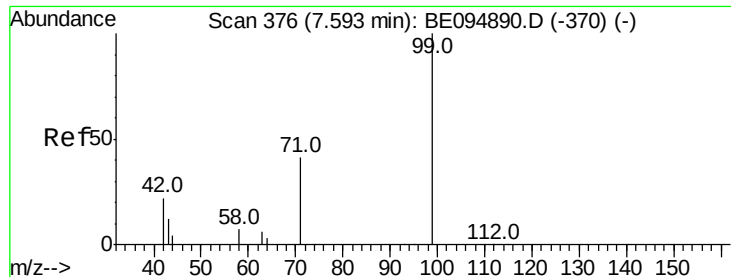


#4

2-Fluorophenol
 Concen: 0.240 ng
 RT: 5.96 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE094903.D
 Acq: 1 Dec 2017 13:44

Tgt Ion: 112 Resp: 3192
 Ion Ratio Lower Upper
 112 100
 64 77.4 60.1 90.1
 63 160.3 116.8 175.2





#5

Phenol-d6

Concen: 0.233 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

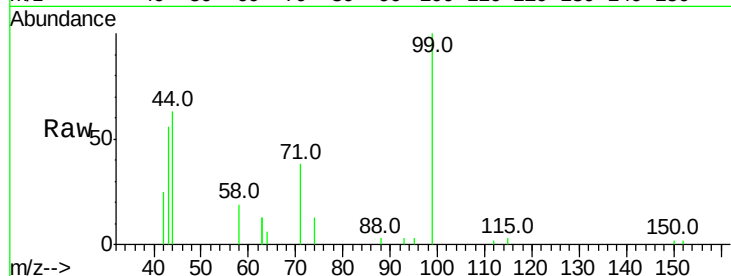
Tot Ion: 99 Resp: 4586

Ion Ratio Lower Upper

99 100

42 26.3 20.2 30.2

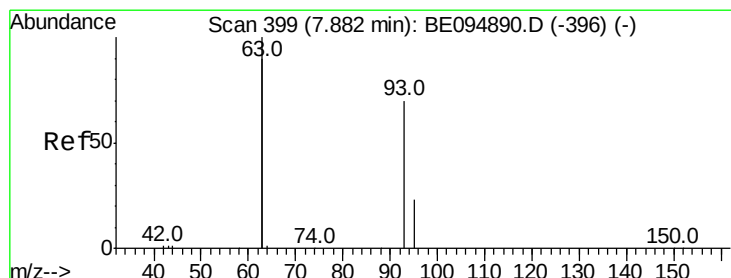
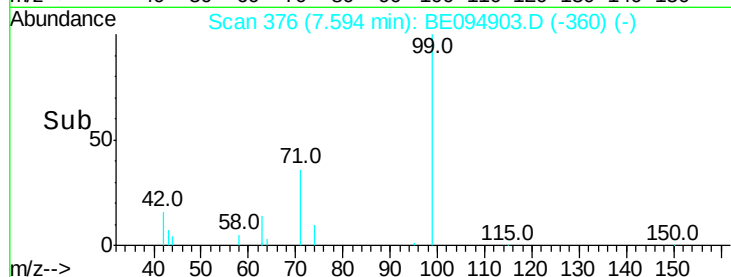
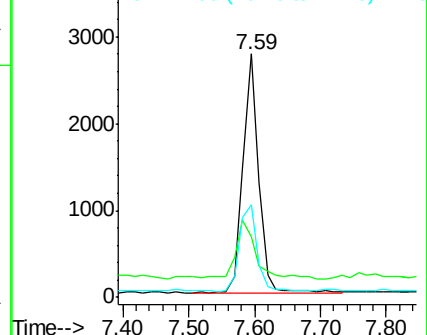
71 40.1 28.4 42.6



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: 0.254 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

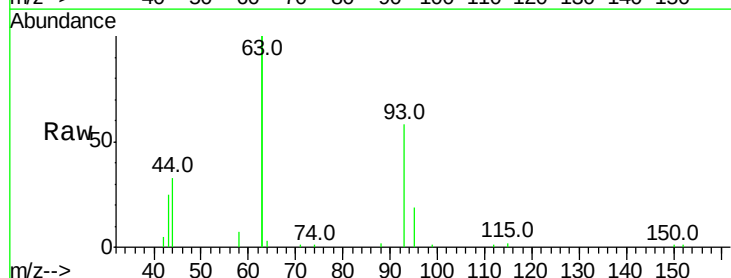
Tgt Ion: 93 Resp: 4966

Ion Ratio Lower Upper

93 100

63 339.5 275.3 412.9

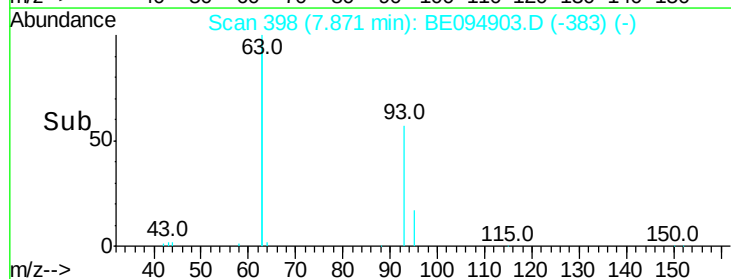
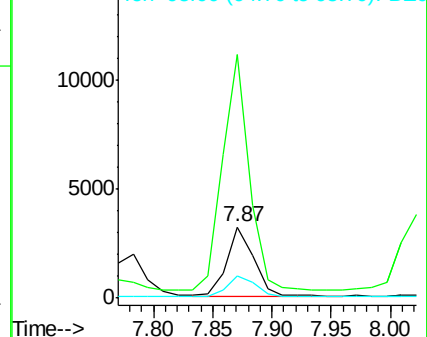
95 32.1 25.2 37.8

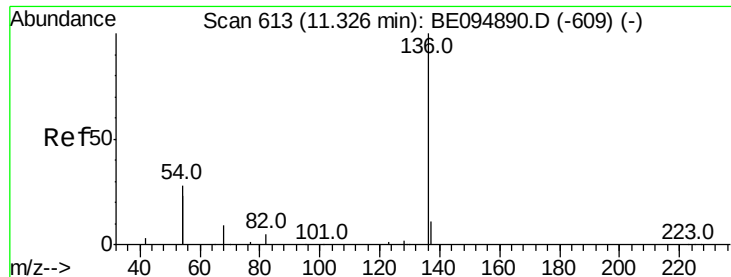


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

Tot Ion:136 Resp: 18488

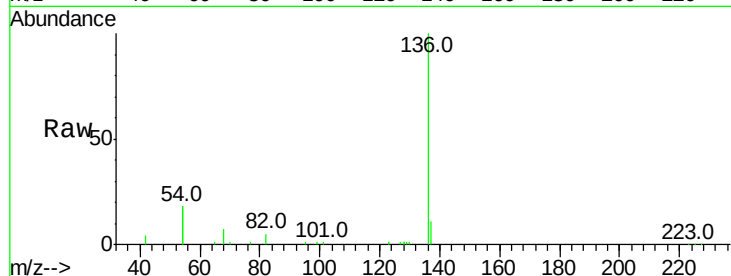
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 36.4 29.1 43.7

68 7.5 6.2 9.2

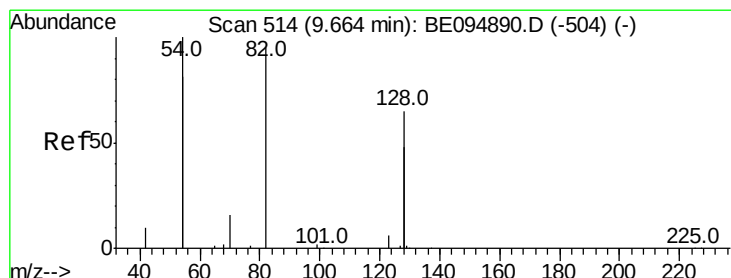
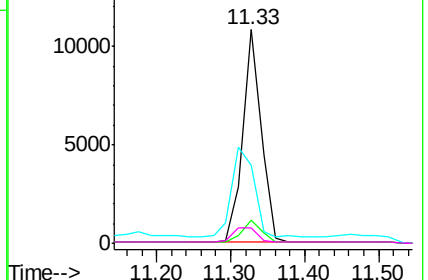
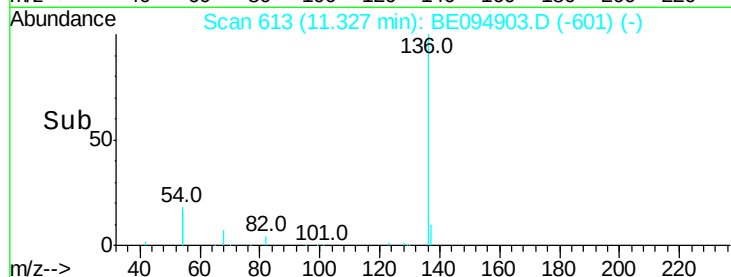


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.269 ng

RT: 9.65 min Scan# 513

Delta R.T. -0.02 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

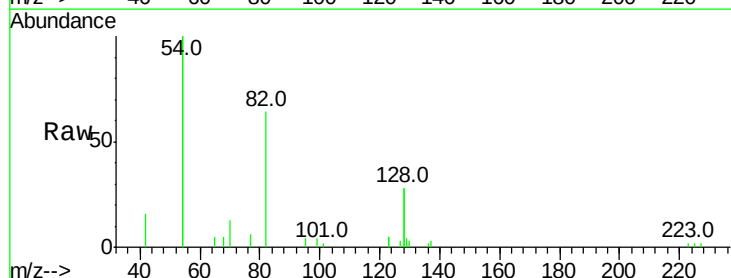
Tgt Ion: 82 Resp: 2946

Ion Ratio Lower Upper

82 100

128 87.1 150.0 225.0#

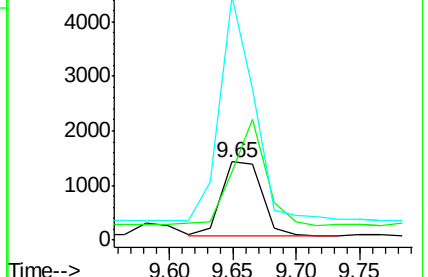
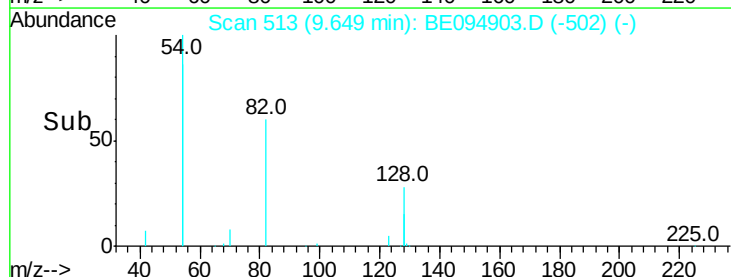
54 310.4 154.2 231.4#

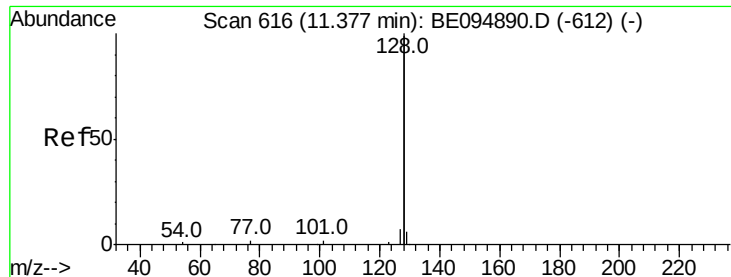


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.251 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

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ClientSampleId :

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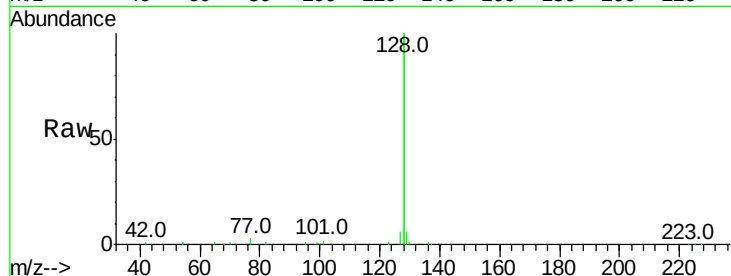
Tot Ion:128 Resp: 54422

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

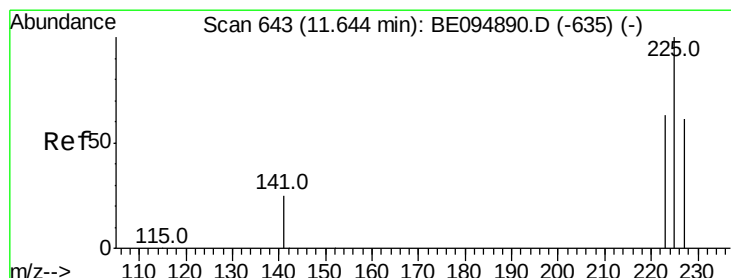
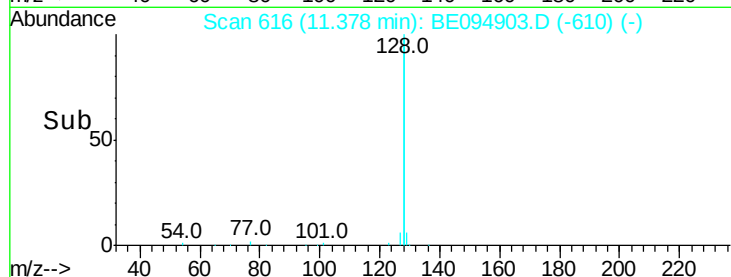
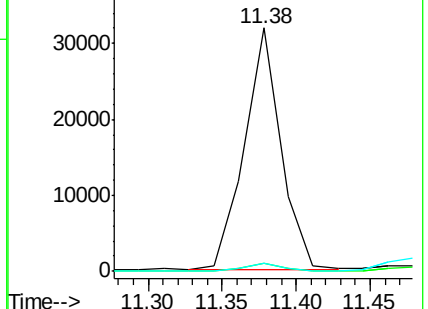
127 3.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.259 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

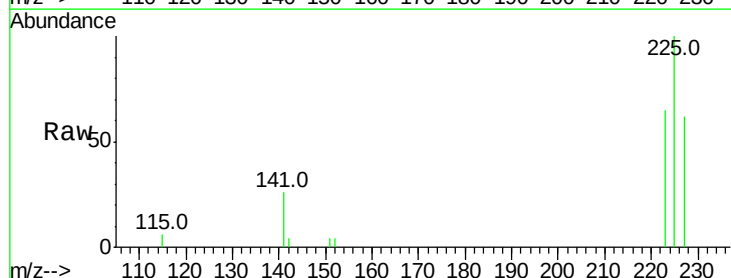
Tgt Ion:225 Resp: 2366

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

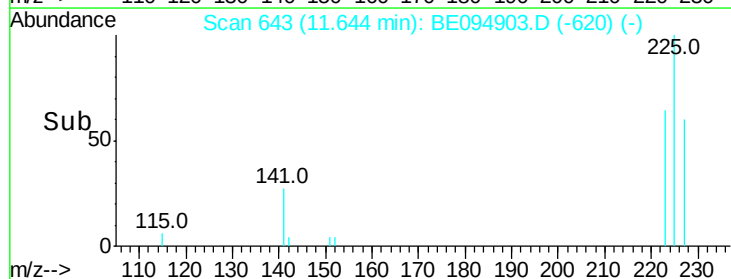
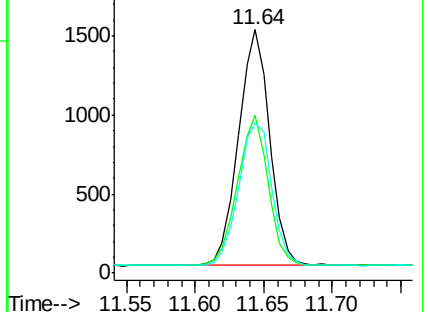
227 64.0 51.4 77.2

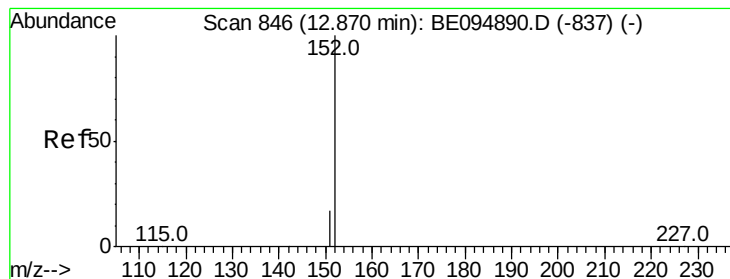


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.222 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

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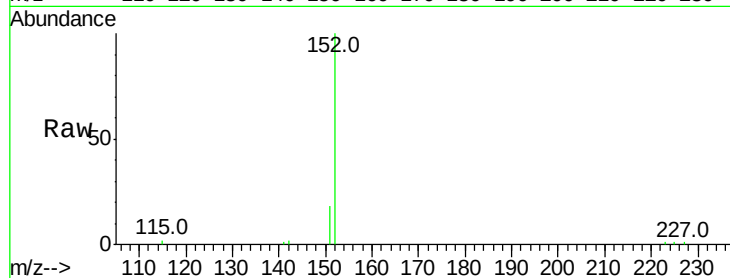
PB104097BS

Tot Ion:152 Resp: 6562

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.86

5000

4000

3000

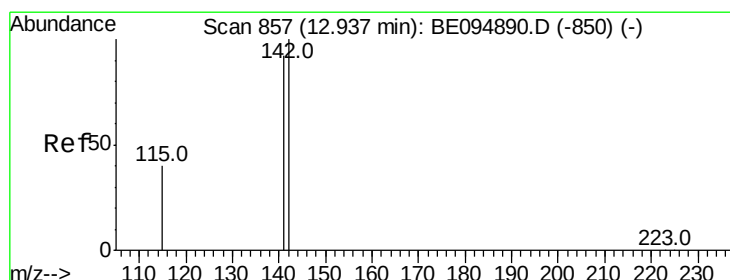
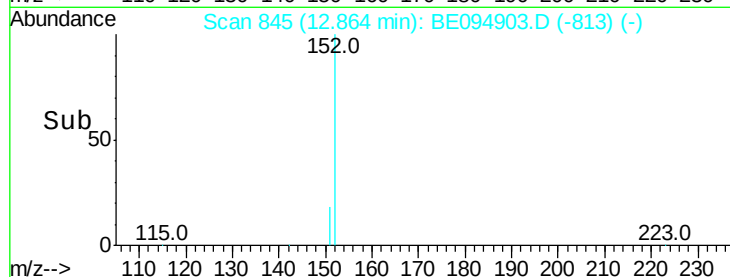
2000

1000

0

Time-->

12.80 12.85 12.90



#12

2-Methylnaphthalene

Concen: 0.252 ng

RT: 12.94 min Scan# 857

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

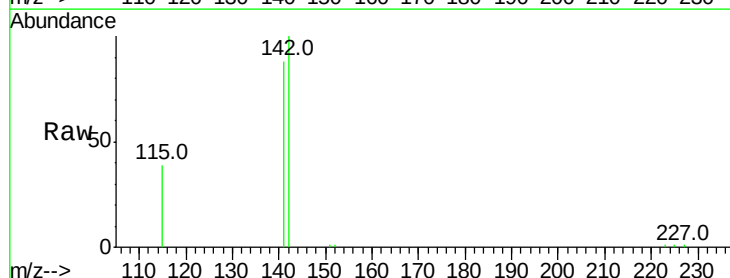
Tgt Ion:142 Resp: 13575

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

115 39.3 31.7 47.5



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

8000

6000

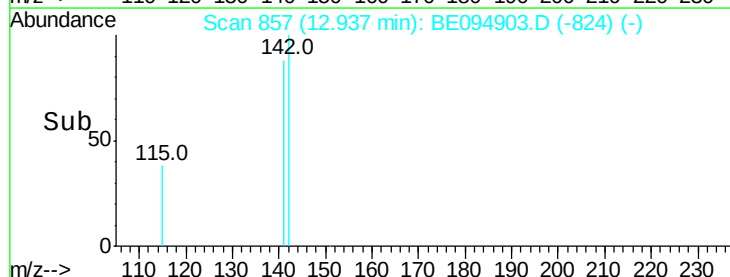
4000

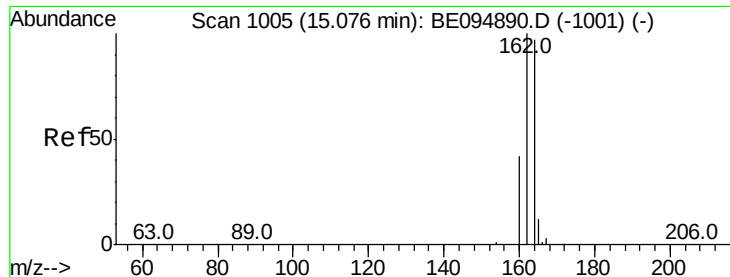
2000

0

Time-->

12.90 13.00 13.10

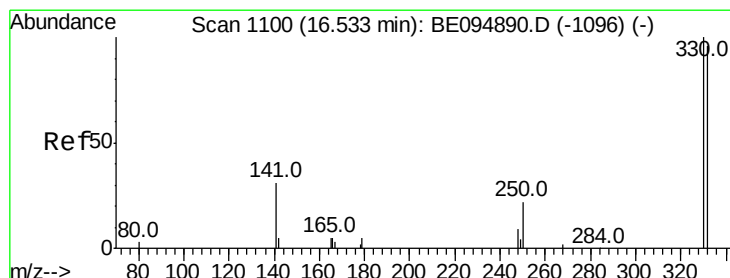
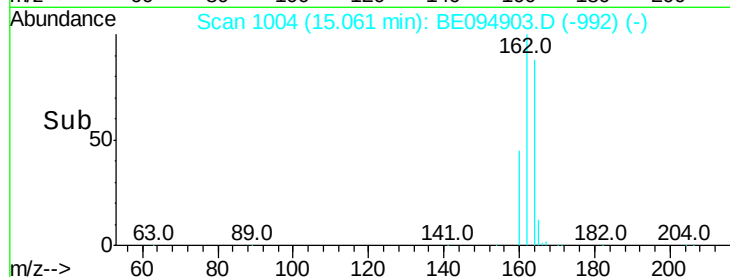
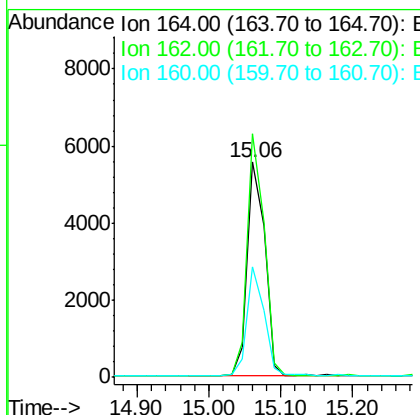
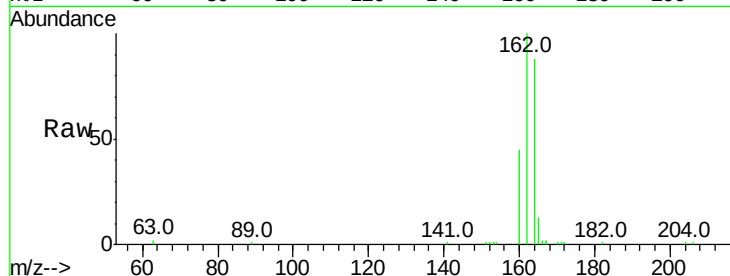




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BE094903.D
 Acq: 1 Dec 2017 13:44

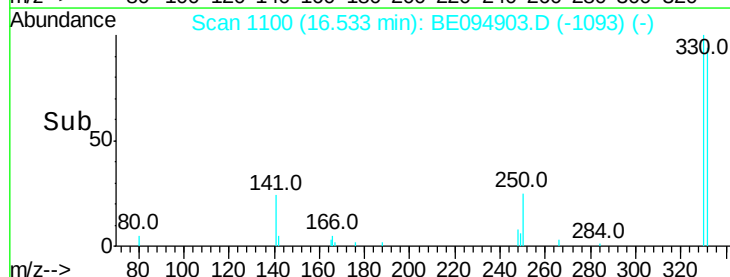
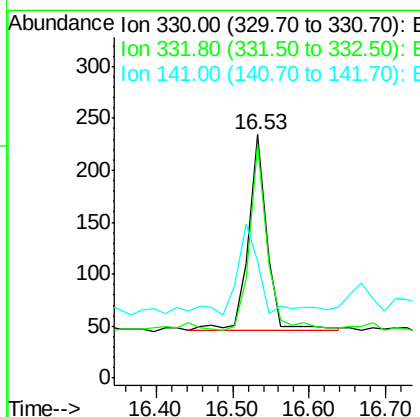
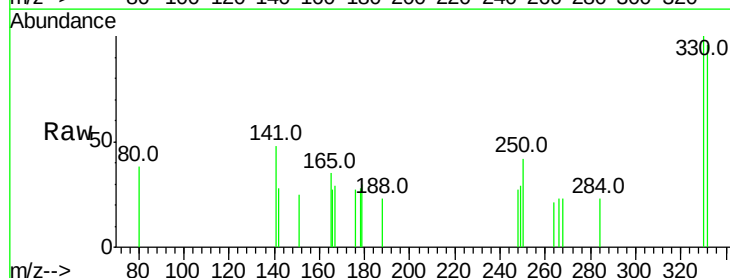
Instrument :
 BNA_E
 ClientSampleId :
 PB104097BS

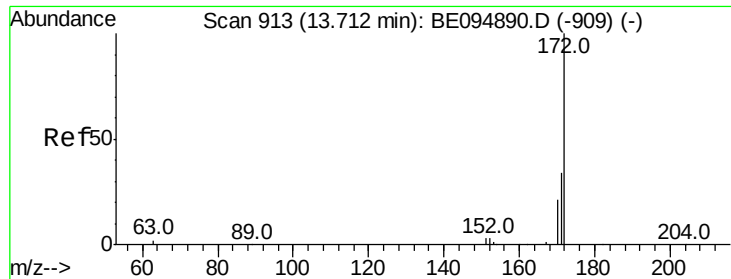
Tot Ion:164 Resp: 9293
 Ion Ratio Lower Upper
 164 100
 162 113.0 83.1 124.7
 160 51.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.237 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094903.D
 Acq: 1 Dec 2017 13:44

Tgt Ion:330 Resp: 320
 Ion Ratio Lower Upper
 330 100
 332 90.6 152.7 229.1#
 141 39.7 33.7 50.5

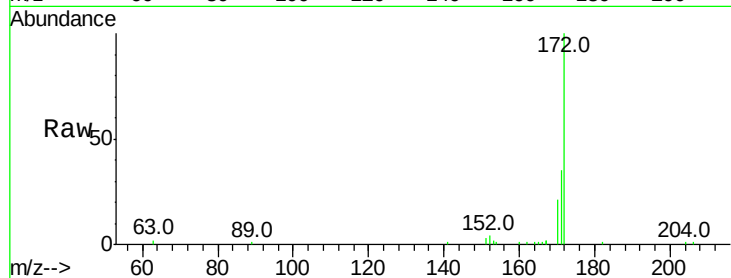




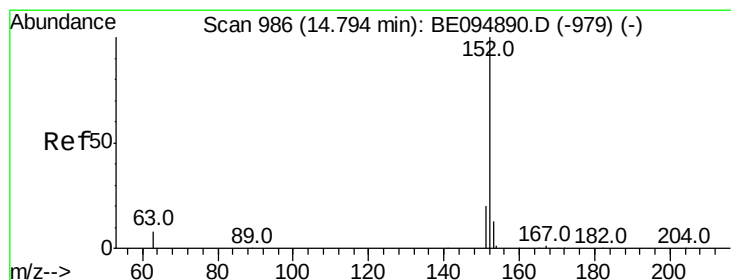
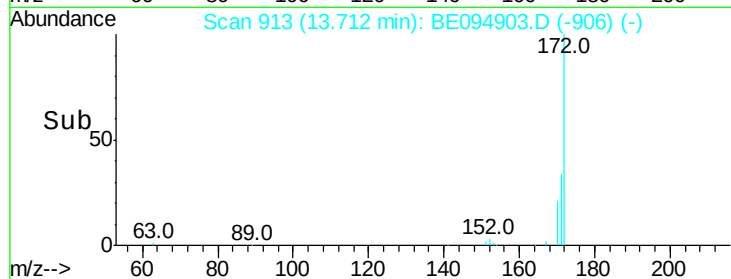
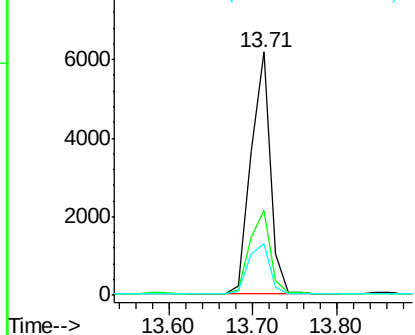
#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tot Ion:172 Resp: 9779
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 21.4 21.8 32.8#

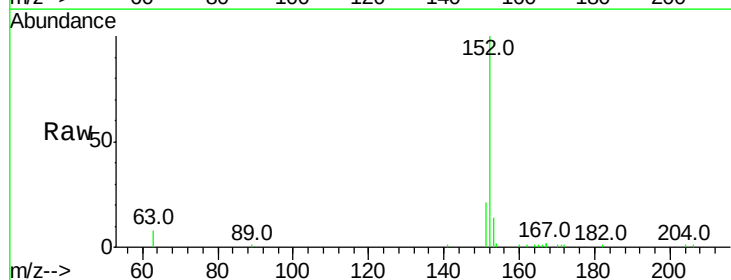


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

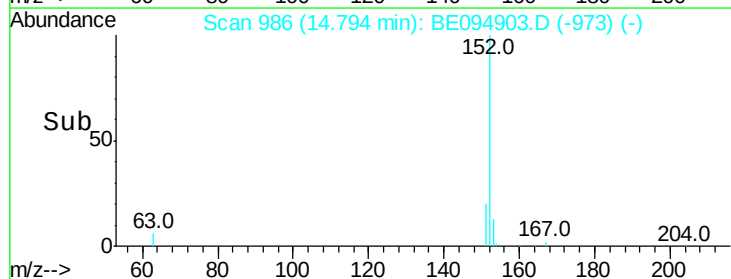
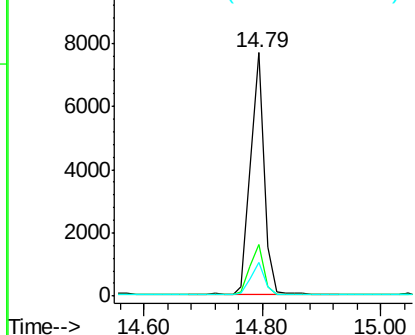


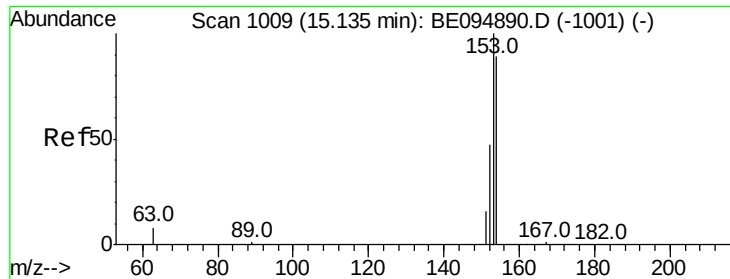
#16
Acenaphthylene
Concen: 0.230 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:152 Resp: 12097
Ion Ratio Lower Upper
152 100
151 21.1 15.7 23.5
153 12.9 10.5 15.7



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: 0.238 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

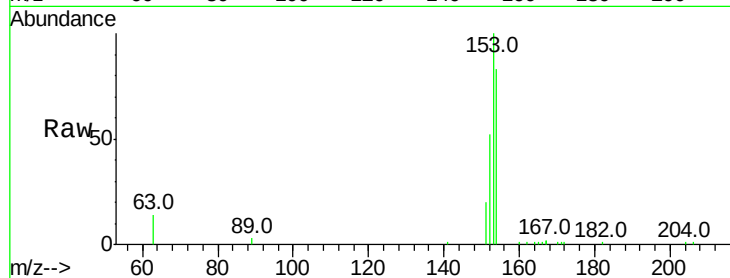
Tot Ion:154 Resp: 8092

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

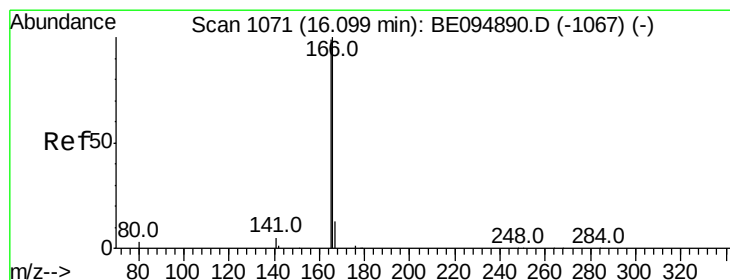
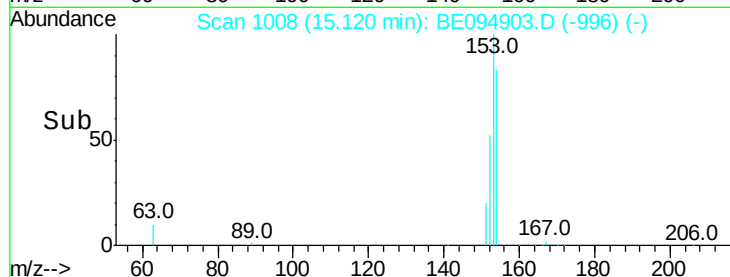
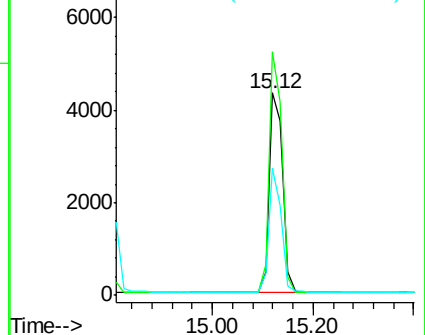
152 57.6 42.0 63.0



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: 0.235 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

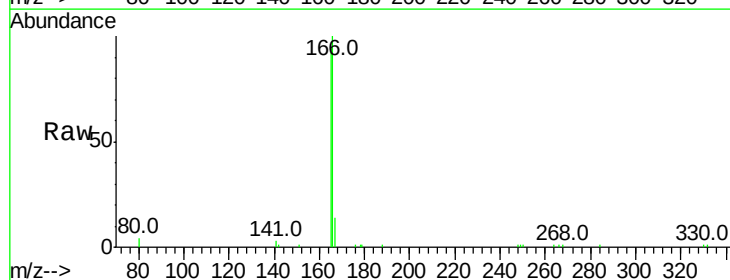
Tgt Ion:166 Resp: 10151

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

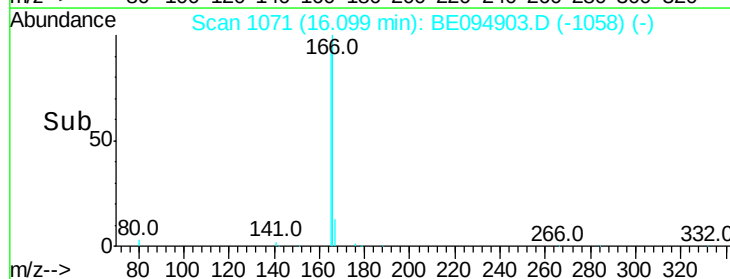
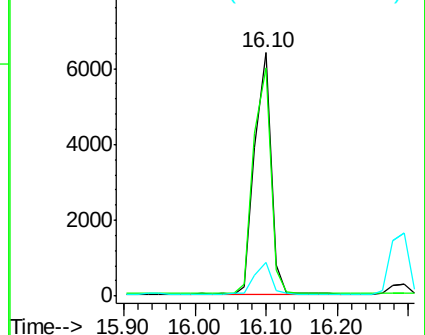
167 13.7 42.4 63.6#

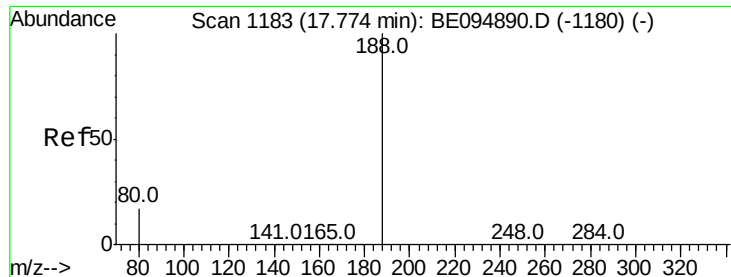


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

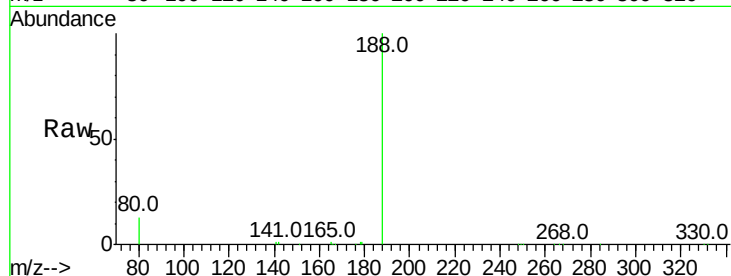
Tot Ion:188 Resp: 21322

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

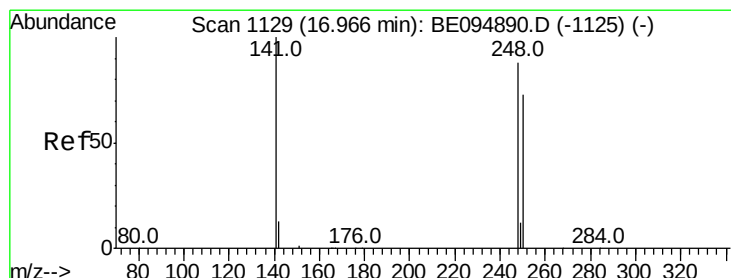
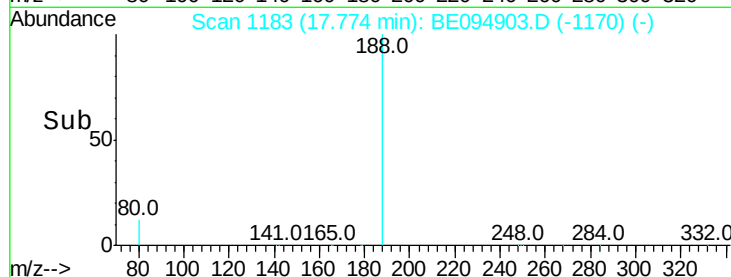
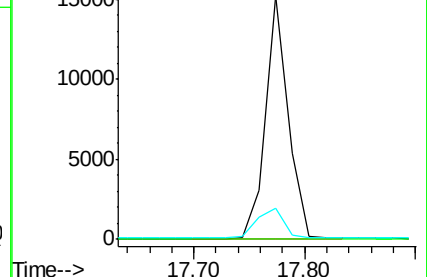
80 12.6 3.6 5.4#



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: 0.260 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

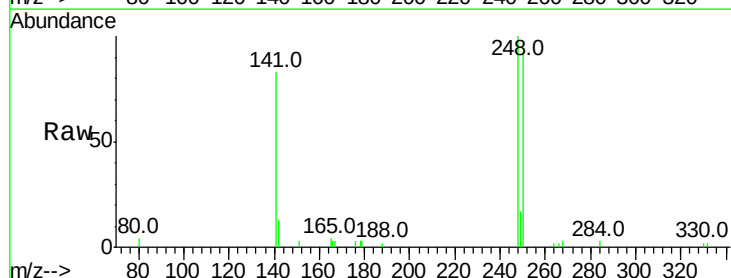
Tgt Ion:248 Resp: 3097

Ion Ratio Lower Upper

248 100

250 91.6 62.7 94.1

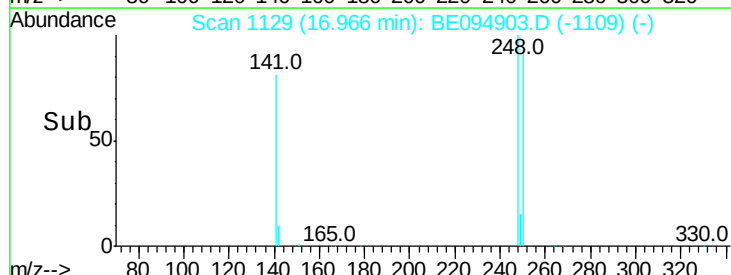
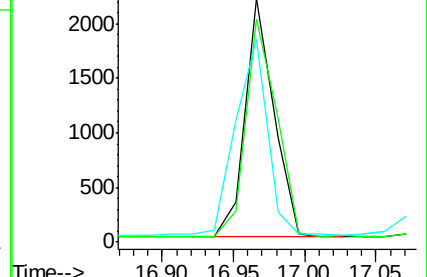
141 83.0 48.2 72.2#

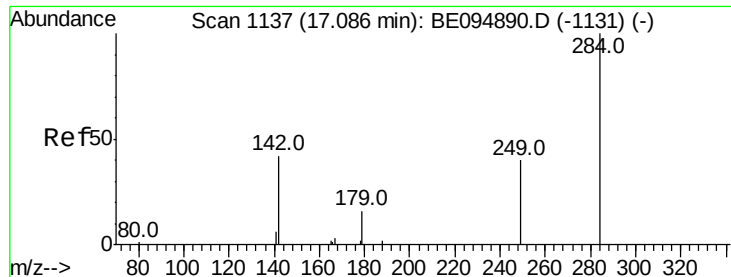


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.267 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

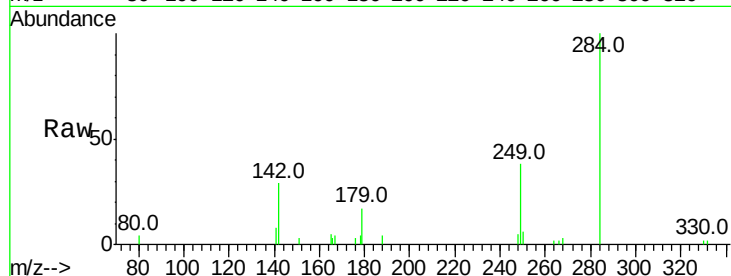
Tot Ion:284 Resp: 3095

Ion Ratio Lower Upper

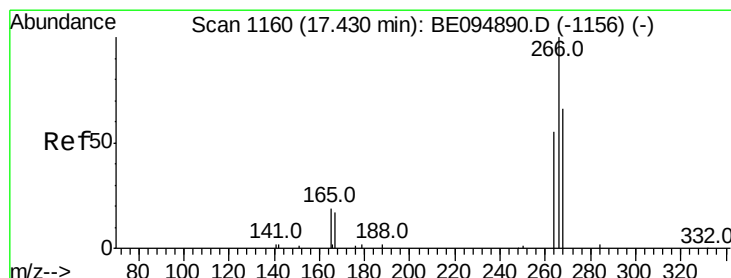
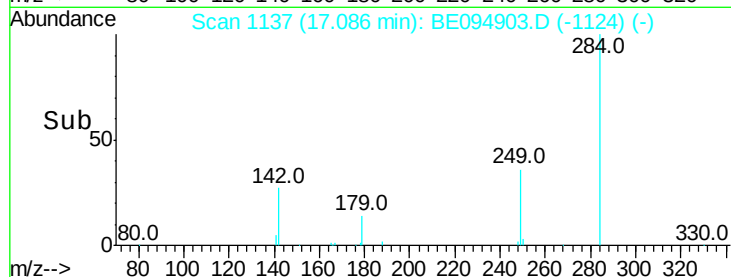
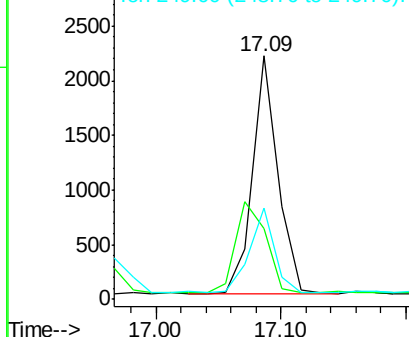
284 100

142 44.2 22.1 33.1#

249 35.1 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.442 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

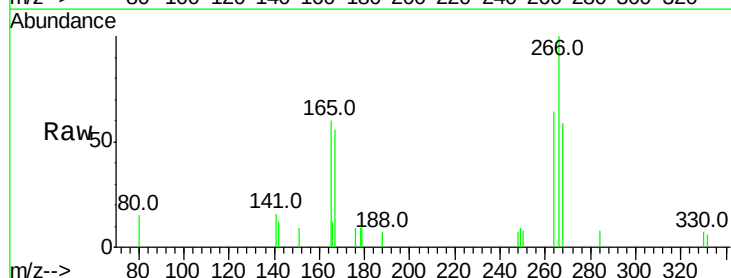
Tgt Ion:266 Resp: 1187

Ion Ratio Lower Upper

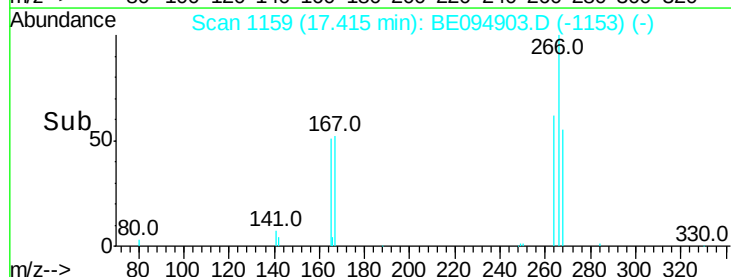
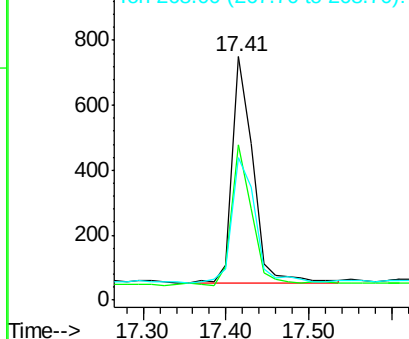
266 100

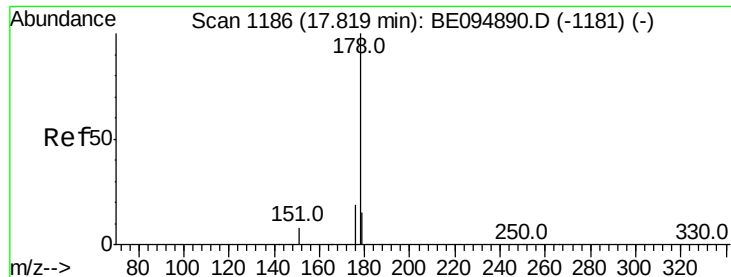
264 63.9 72.5 108.7#

268 58.5 73.8 110.6#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.249 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

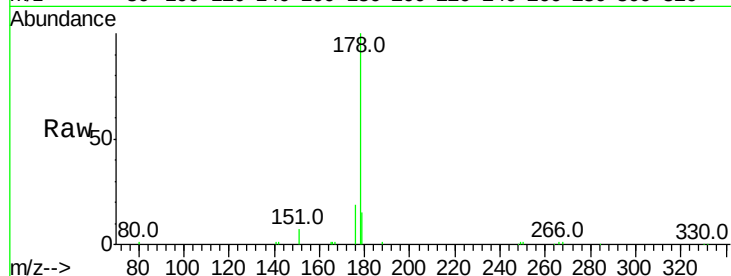
Tot Ion:178 Resp: 16931

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

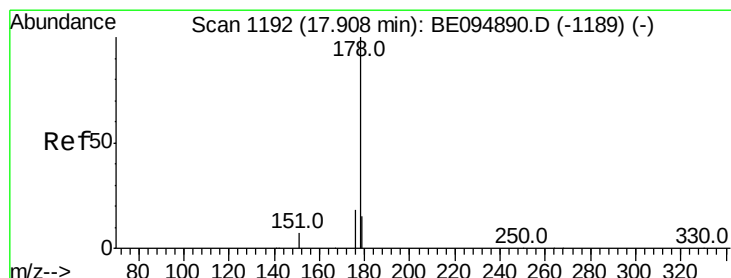
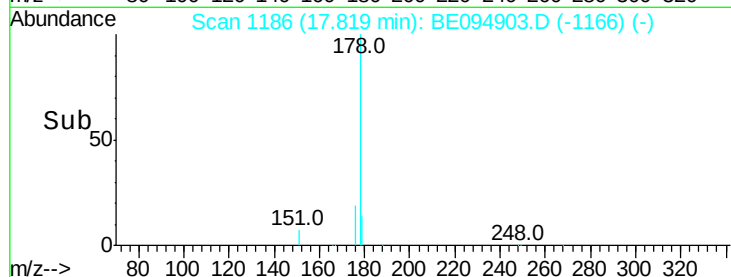
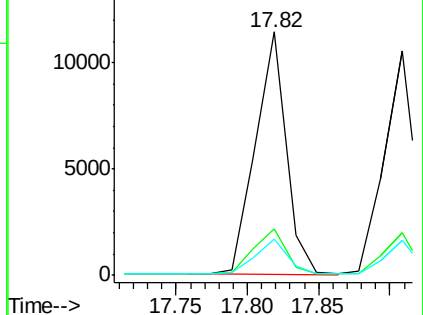
179 15.3 11.8 17.6



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



#24

Anthracene

Concen: 0.251 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

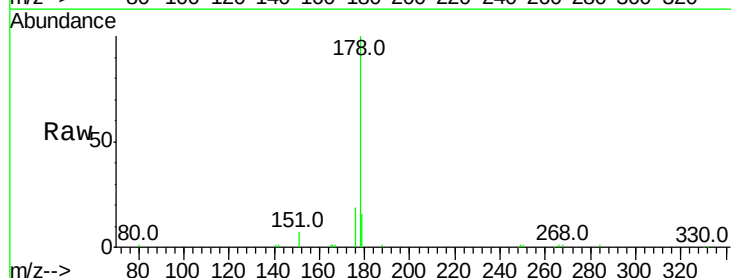
Tgt Ion:178 Resp: 18071

Ion Ratio Lower Upper

178 100

176 21.3 12.8 19.2#

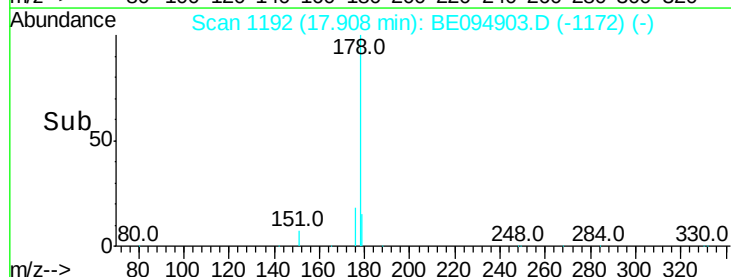
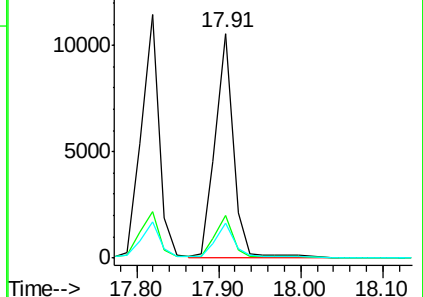
179 18.6 13.0 19.6

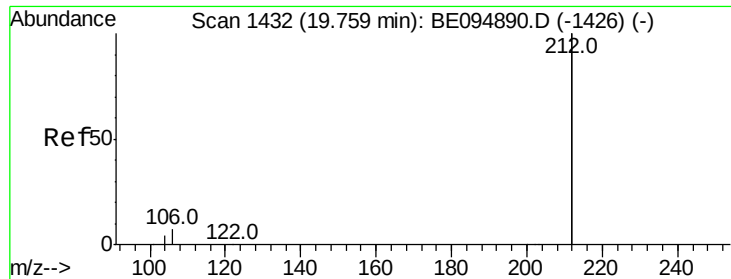


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.209 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

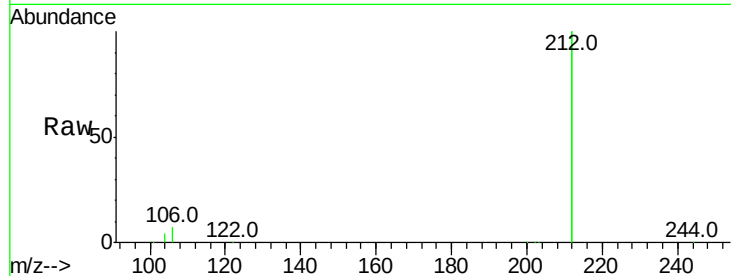
Tot Ion:212 Resp: 60822

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

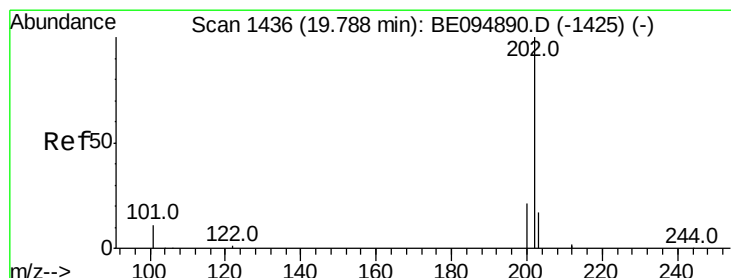
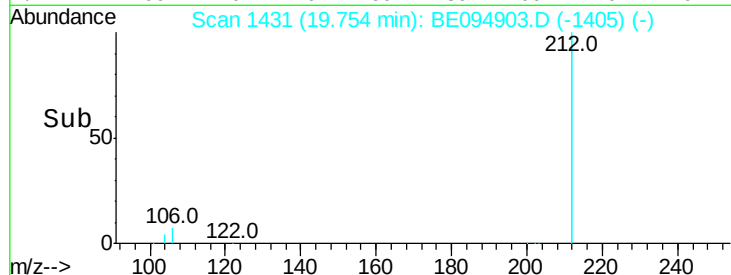
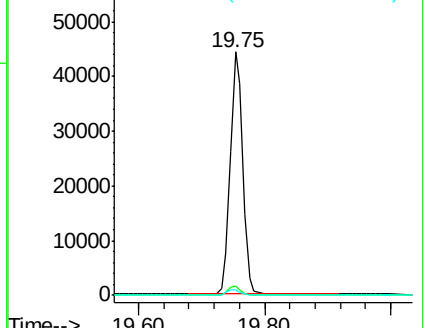
104 2.2 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.228 ng

RT: 19.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

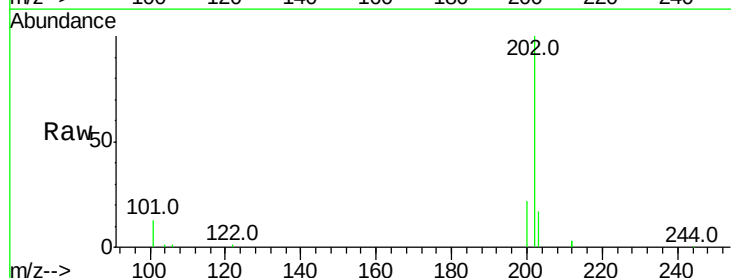
Tgt Ion:202 Resp: 19919

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

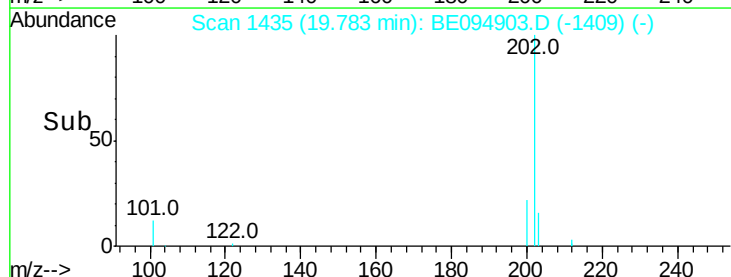
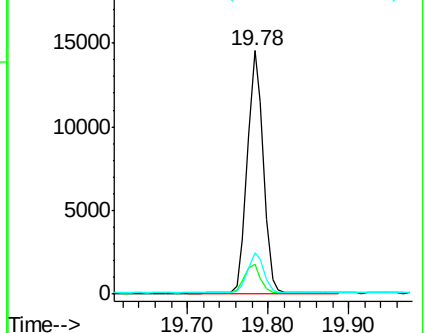
203 16.6 13.7 20.5

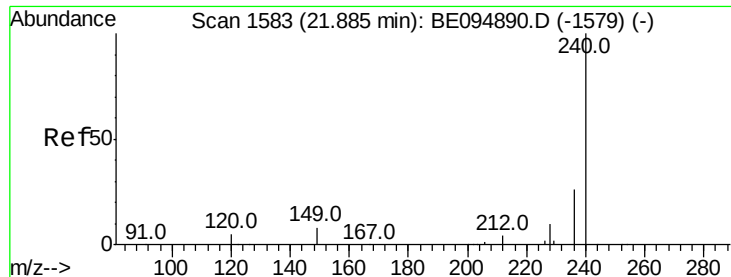


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

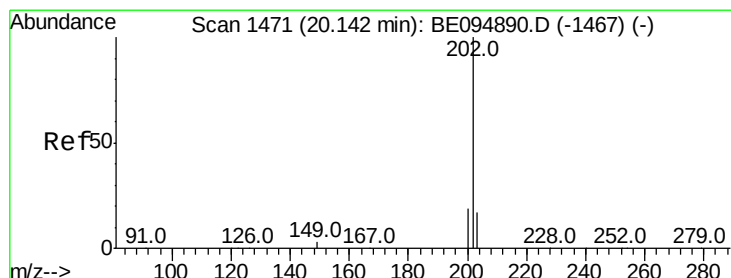
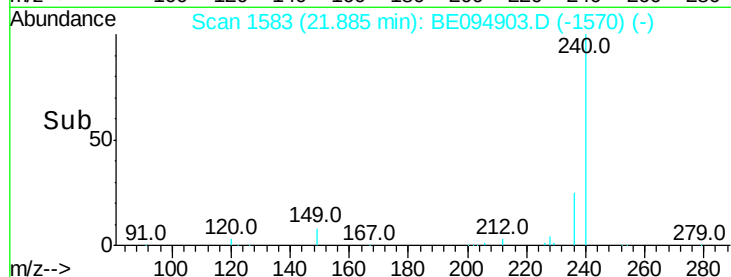
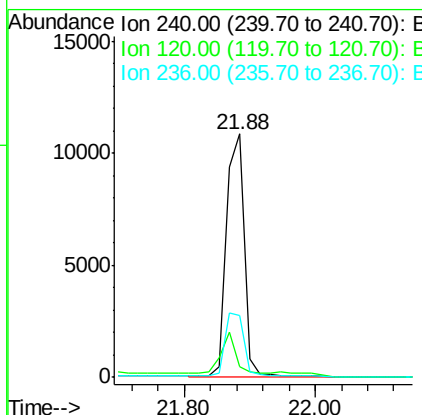
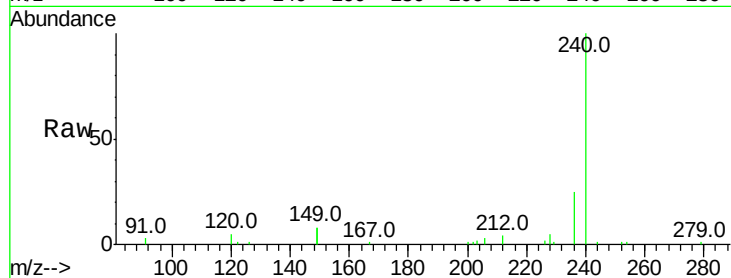




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.88 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BE094903.D
 Acq: 1 Dec 2017 13:44

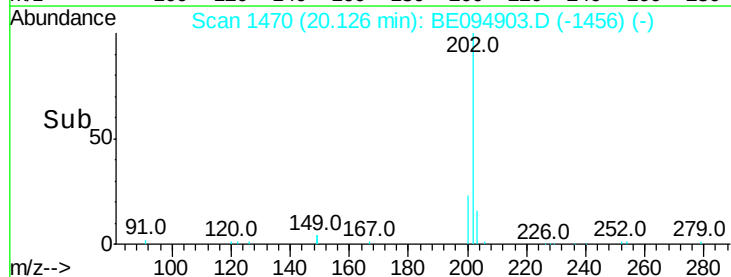
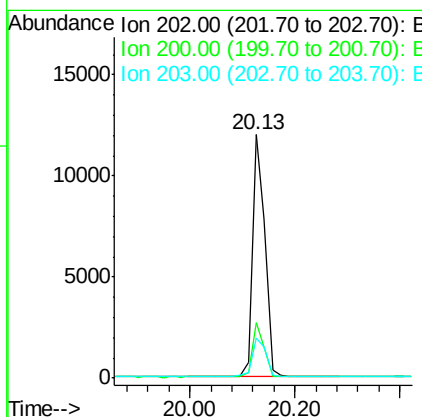
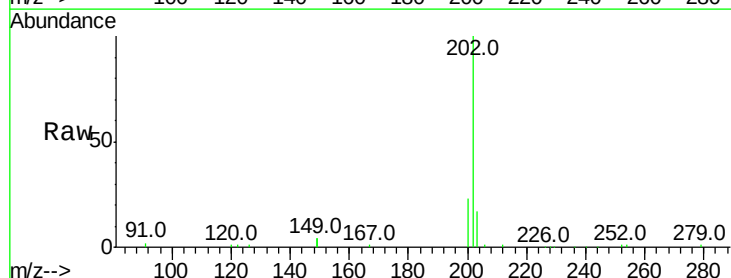
Instrument :
 BNA_E
 ClientSampleId :
 PB104097BS

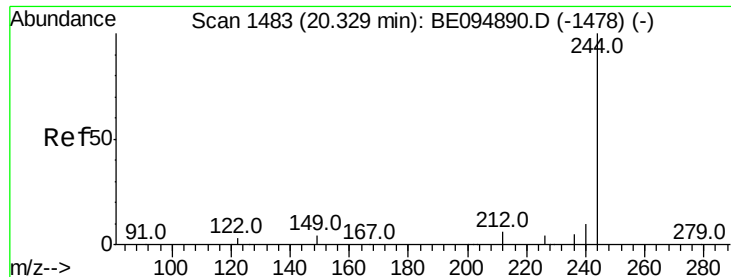
Tot Ion:240 Resp: 21758
 Ion Ratio Lower Upper
 240 100
 120 4.5 5.5 8.3#
 236 25.4 20.7 31.1



#28
 Pyrene
 Concen: 0.300 ng
 RT: 20.13 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BE094903.D
 Acq: 1 Dec 2017 13:44

Tgt Ion:202 Resp: 22535
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 25.0
 203 18.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.284 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

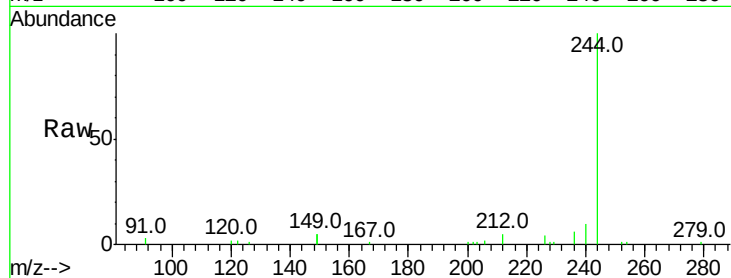
Tot Ion:244 Resp: 11397

Ion Ratio Lower Upper

244 100

212 5.2 25.4 38.0#

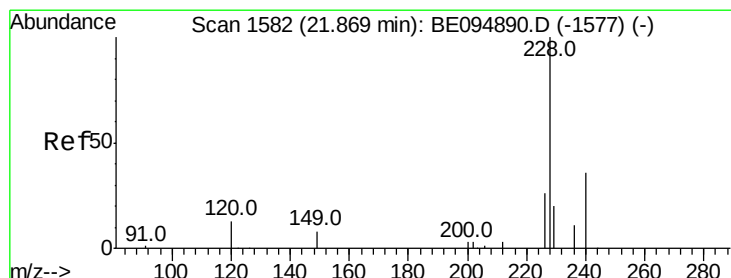
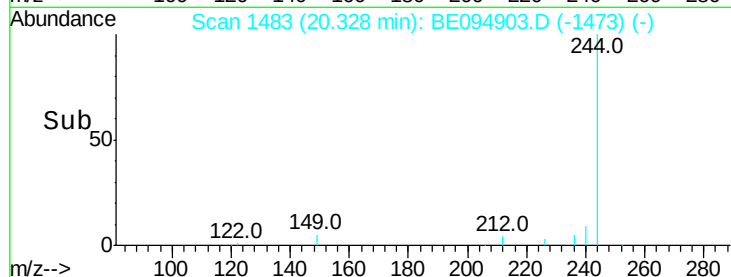
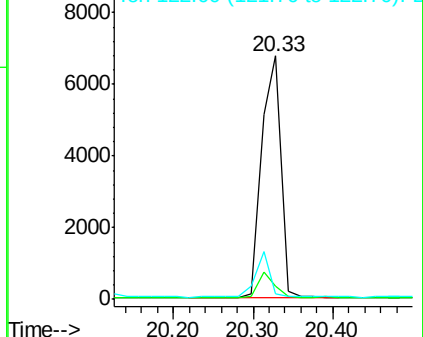
122 2.4 8.1 12.1#



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: 0.254 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

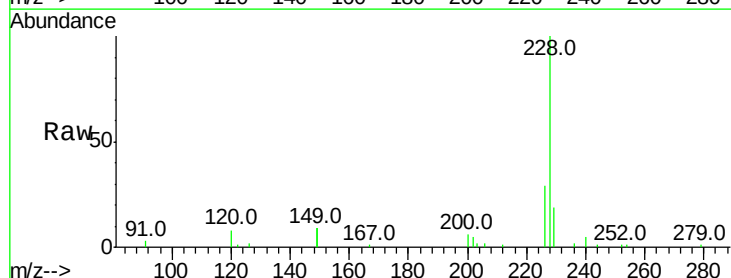
Tgt Ion:228 Resp: 16920

Ion Ratio Lower Upper

228 100

226 29.2 40.0 60.0#

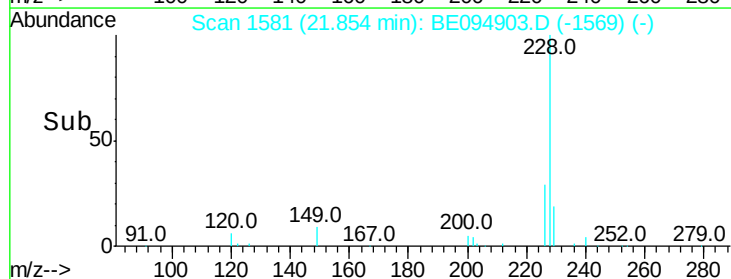
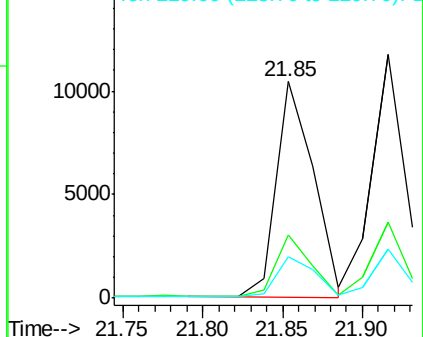
229 18.9 40.0 60.0#

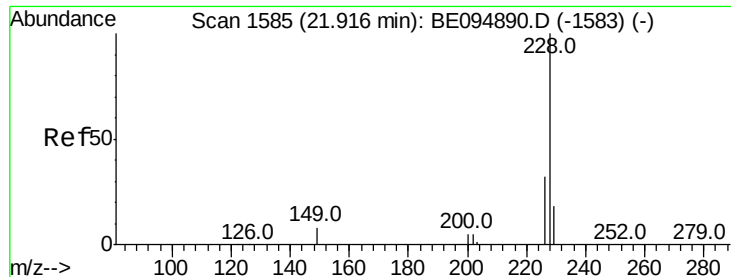


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.254 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

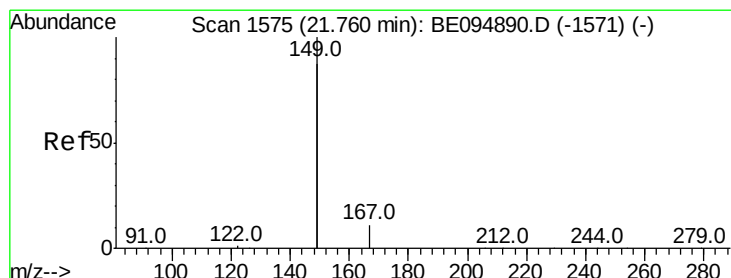
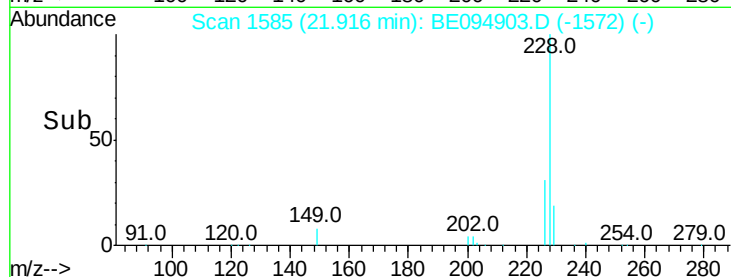
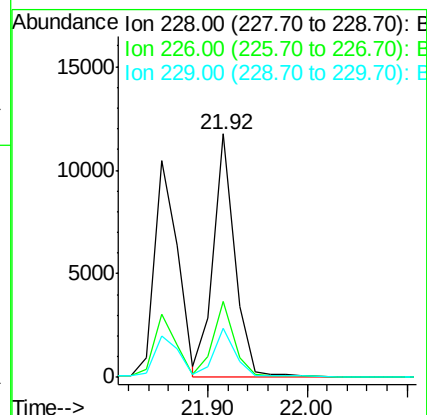
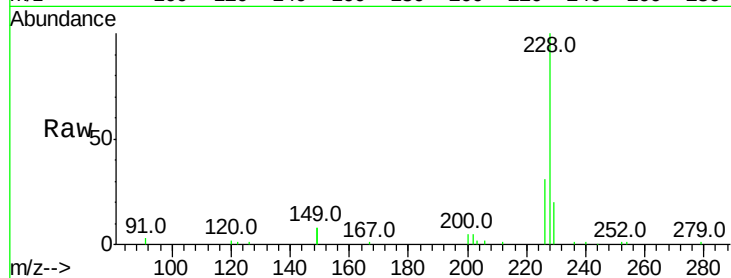
Tot Ion:228 Resp: 18698

Ion Ratio Lower Upper

228 100

226 31.1 40.0 60.0#

229 19.9 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.200 ng

RT: 21.76 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

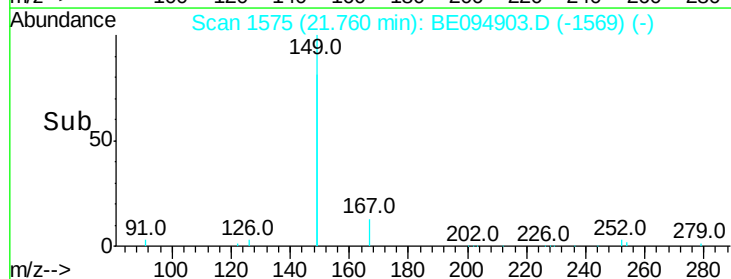
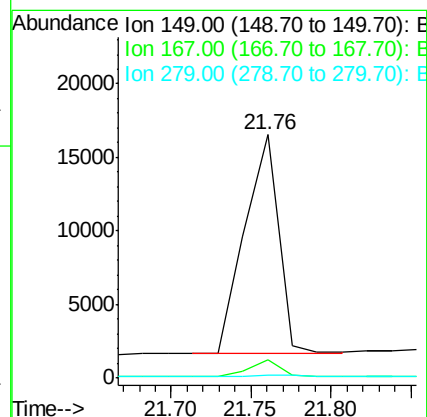
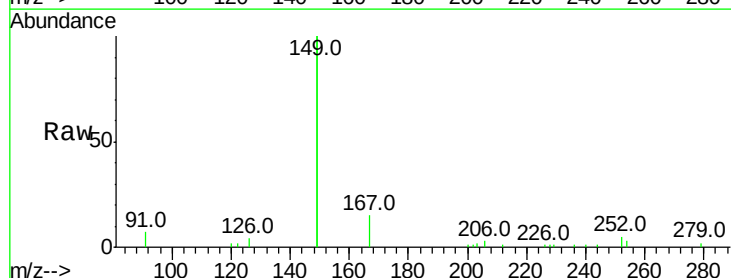
Tgt Ion:149 Resp: 22111

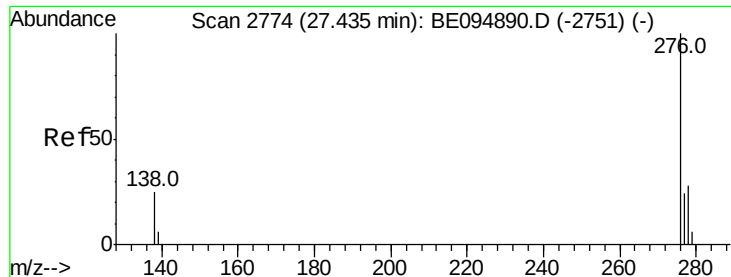
Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.274 ng

RT: 27.43 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

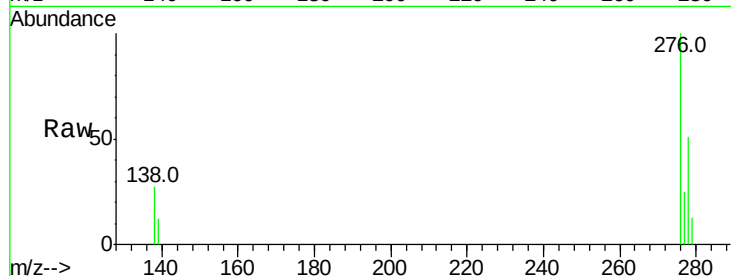
Tot Ion:276 Resp: 16553

Ion Ratio Lower Upper

276 100

138 28.5 22.5 33.7

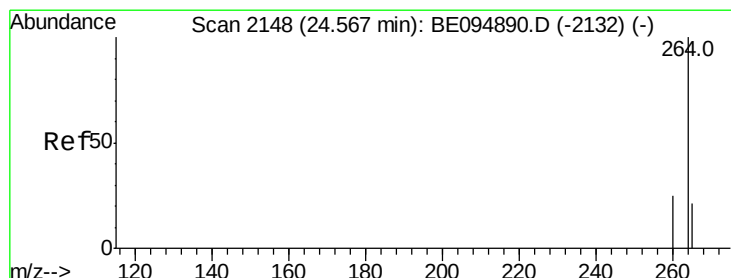
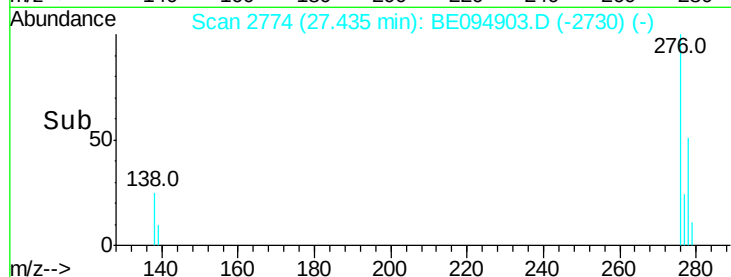
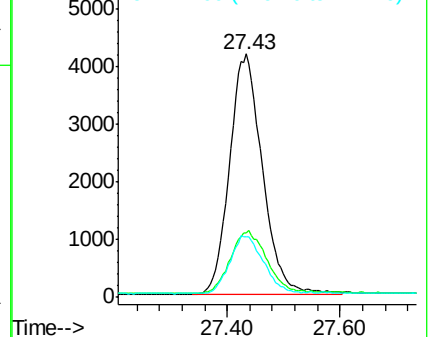
277 24.4 19.9 29.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.56 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

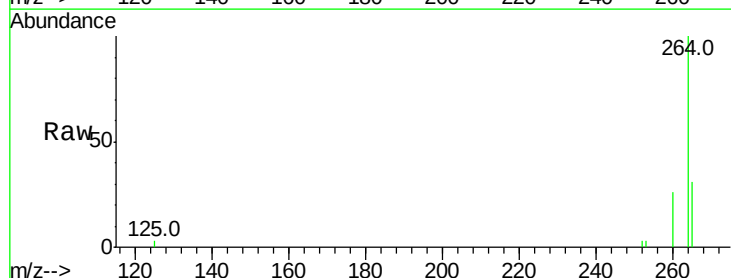
Tgt Ion:264 Resp: 17640

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

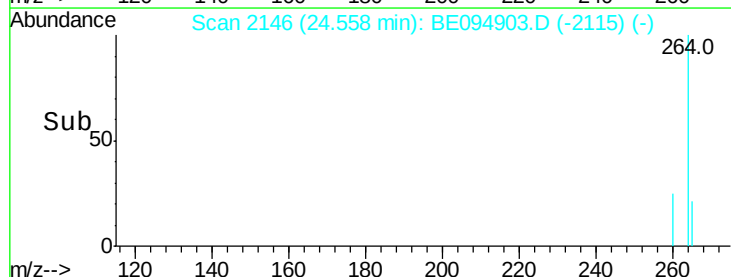
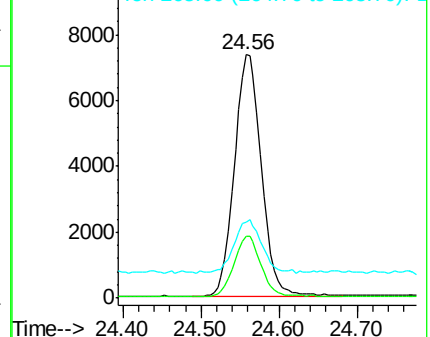
265 31.0 22.8 34.2

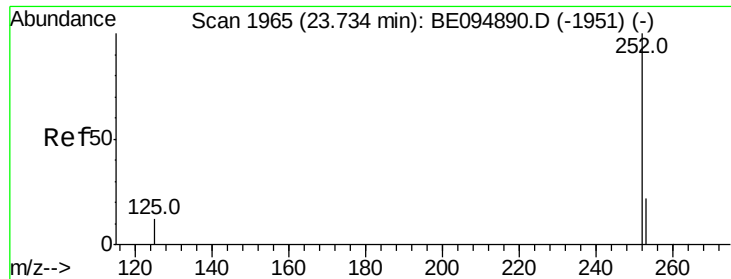


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.250 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

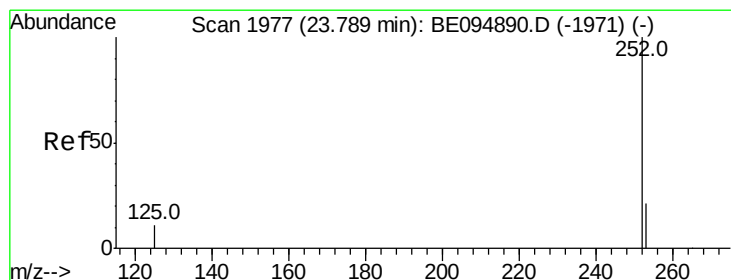
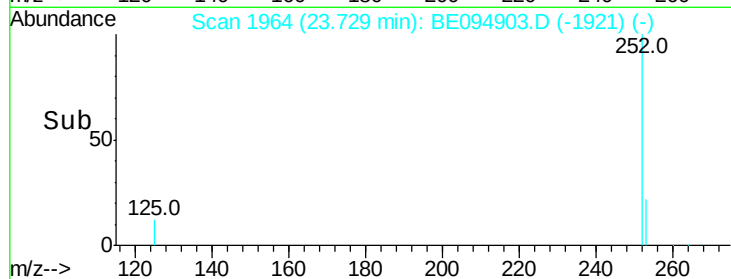
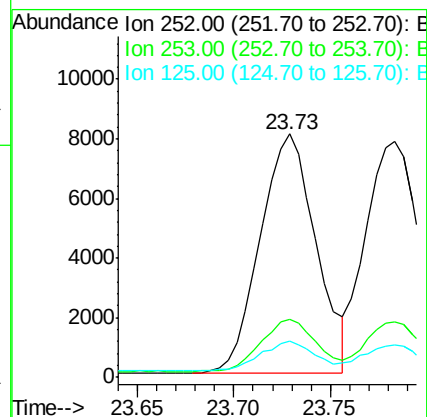
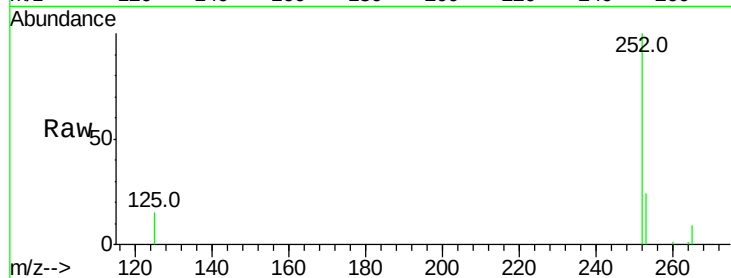
Tot Ion:252 Resp: 16097

Ion Ratio Lower Upper

252 100

253 23.6 48.0 72.0#

125 15.0 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.240 ng

RT: 23.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

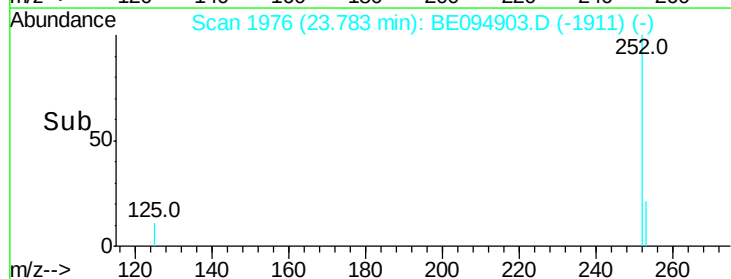
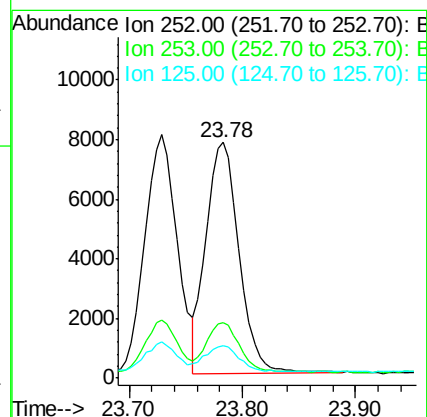
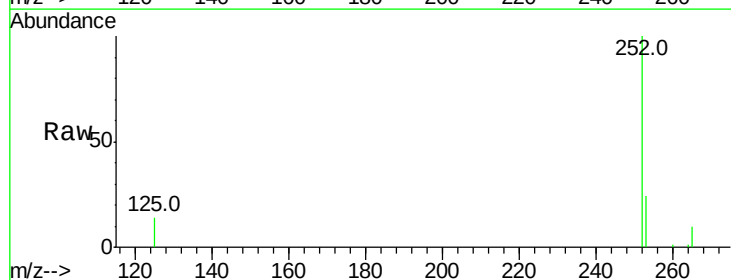
Tgt Ion:252 Resp: 15725

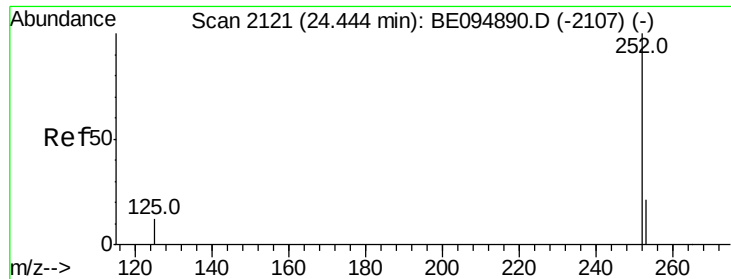
Ion Ratio Lower Upper

252 100

253 23.8 48.0 72.0#

125 13.9 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.250 ng

RT: 24.43 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS

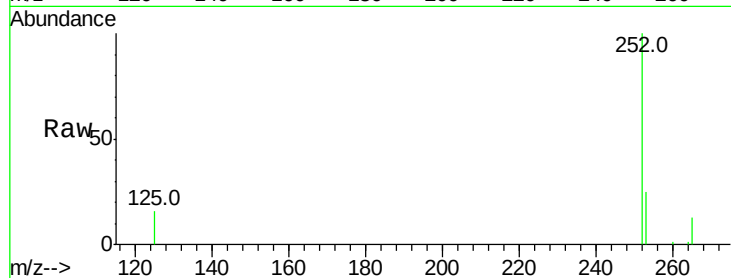
Tot Ion:252 Resp: 14136

Ion Ratio Lower Upper

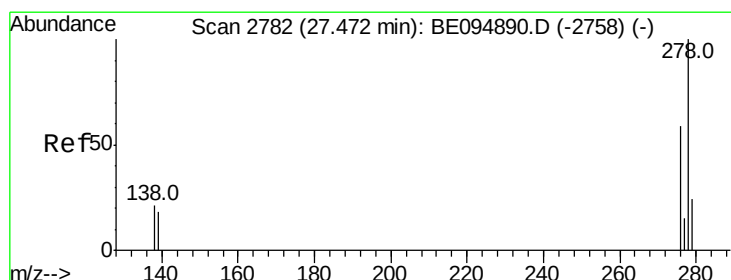
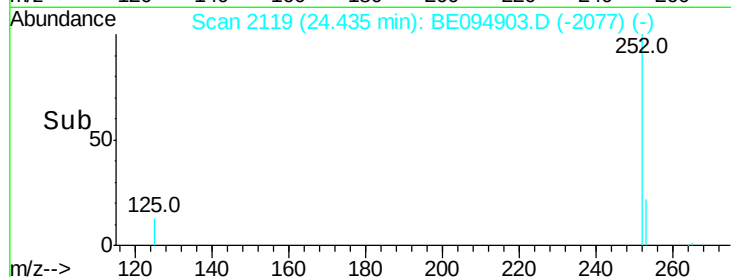
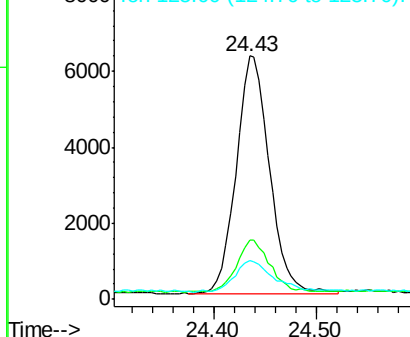
252 100

253 24.6 52.0 78.0#

125 16.1 68.0 102.0#



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

Dibenzo(a,h)anthracene

Concen: 0.265 ng

RT: 27.46 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BE094903.D

Acq: 1 Dec 2017 13:44

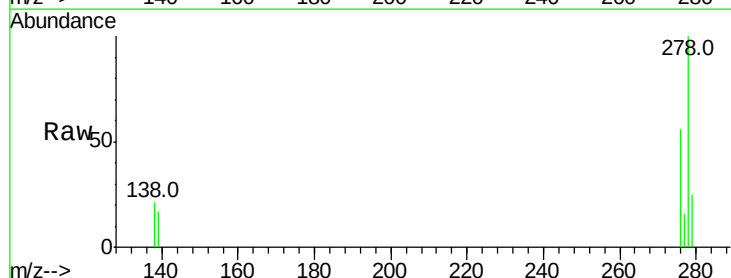
Tgt Ion:278 Resp: 13828

Ion Ratio Lower Upper

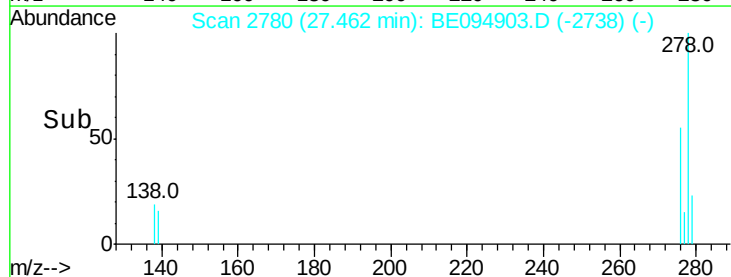
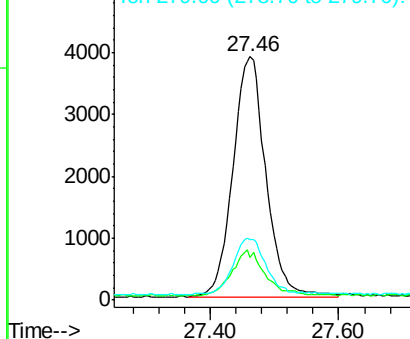
278 100

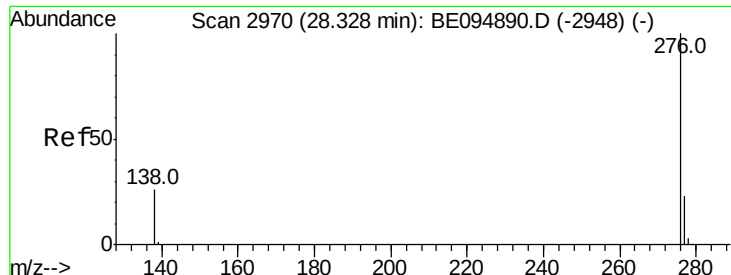
139 17.3 56.0 84.0#

279 24.9 52.0 78.0#



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





#39

Benzo(a,h,i)perylene

Concen: 0.276 ng

RT: 28.32 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BE094903.D

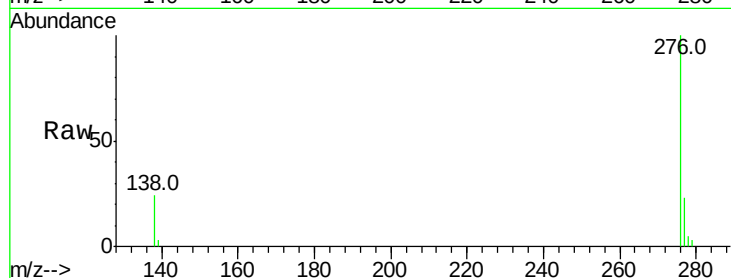
Acq: 1 Dec 2017 13:44

Instrument :

BNA_E

ClientSampleId :

PB104097BS



Tot Ion:276 Resp: 14384

Ion Ratio Lower Upper

276 100

277 23.4 52.0 78.0#

138 23.8 44.0 66.0#

