

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
 Data File : BE094893.D
 Acq On : 30 Nov 2017 15:36
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Nov 30 16:26:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 15:57:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8368	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	18936	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	10576	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	25236	0.40	ng	0.00
27) Chrysene-d12	21.89	240	30833	0.40	ng	0.00
34) Perylene-d12	24.57	264	23477	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	42726	3.23	ng	0.00
5) Phenol-d6	7.59	99	64740	3.32	ng	0.00
8) Nitrobenzene-d5	9.66	82	40556	3.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	96738	3.20	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	9283	4.29	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	144040	3.18	ng	0.00
25) Fluoranthene-d10	19.76	212	1110085	3.22	ng	0.00
29) Terphenyl-d14	20.33	244	186930	3.30	ng	0.00

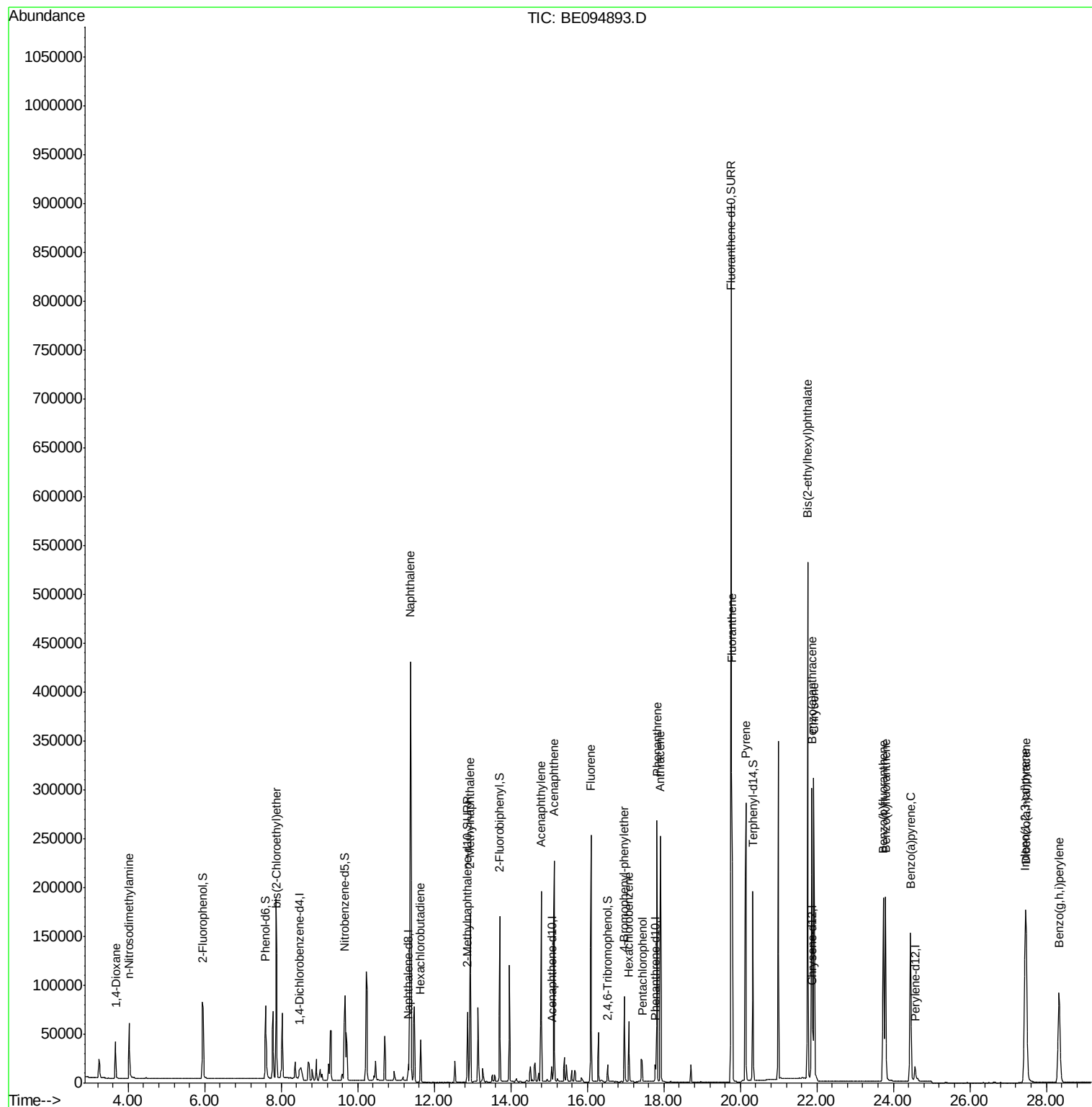
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.68	88	25023	2.798	ng	# 86
3) n-Nitrosodimethylamine	4.02	42	38247	3.477	ng	# 78
6) bis(2-Chloroethyl)ether	7.88	93	61452	3.151	ng	99
9) Naphthalene	11.38	128	689416	3.087	ng	99
10) Hexachlorobutadiene	11.64	225	28912	3.064	ng	97
12) 2-Methylnaphthalene	12.94	142	171578	3.093	ng	96
16) Acenaphthylene	14.79	152	200647	3.391	ng	99
17) Acenaphthene	15.13	154	123446	3.195	ng	96
18) Fluorene	16.10	166	158016	3.218	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	46130	3.292	ng	# 61
21) Hexachlorobenzene	17.09	284	44872	3.281	ng	# 79
22) Pentachlorophenol	17.43	266	14334	4.514	ng	# 68
23) Phenanthrene	17.82	178	260081	3.241	ng	98
24) Anthracene	17.91	178	278844	3.285	ng	# 95
26) Fluoranthene	19.79	202	338421	3.289	ng	100
28) Pyrene	20.14	202	338159	3.172	ng	98
30) Benzo(a)anthracene	21.87	228	306906	3.255	ng	# 61
31) Chrysene	21.92	228	321630	3.056	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	606207	4.038	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.44	276	282806	3.330	ng	99
35) Benzo(b)fluoranthene	23.74	252	275291	3.214	ng	# 39
36) Benzo(k)fluoranthene	23.79	252	291986	3.372	ng	# 38
37) Benzo(a)pyrene	24.45	252	254380	3.425	ng	# 31
38) Dibenzo(a,h)anthracene	27.47	278	239076	3.498	ng	# 42
39) Benzo(g,h,i)perylene	28.33	276	232350	3.383	ng	# 52

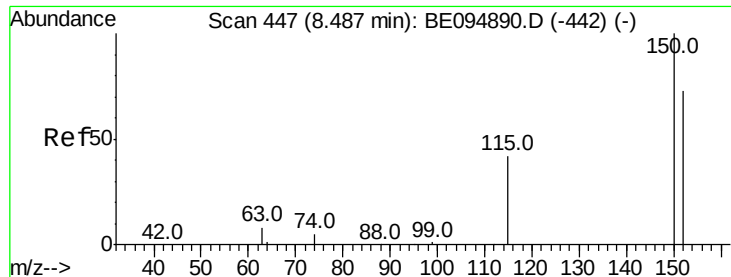
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.49 min Scan# 447

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

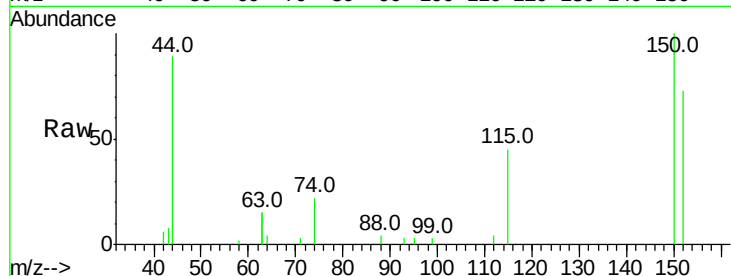
Tot Ion:152 Resp: 8368

Ion Ratio Lower Upper

152 100

150 137.7 117.2 175.8

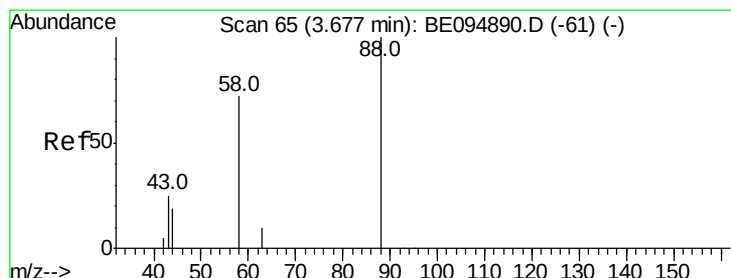
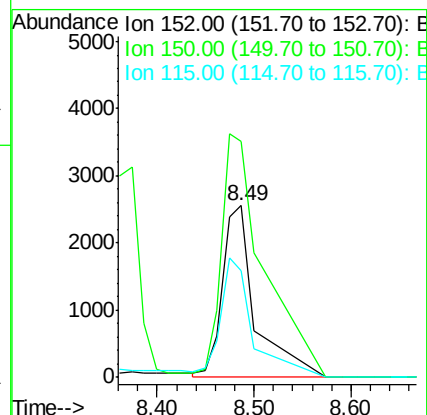
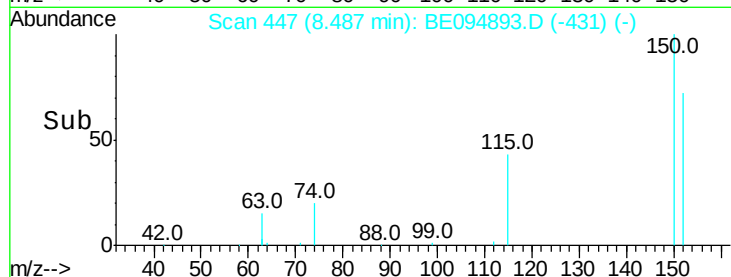
115 62.3 57.0 85.6



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: 2.798 ng

RT: 3.68 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

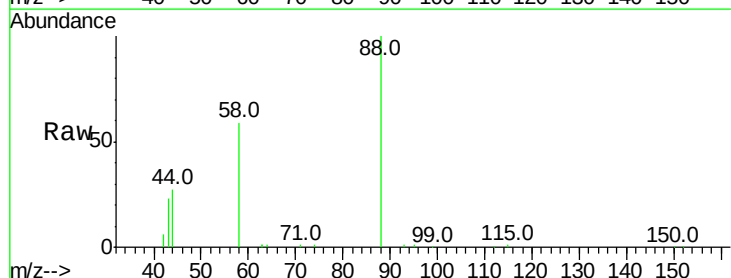
Tgt Ion: 88 Resp: 25023

Ion Ratio Lower Upper

88 100

58 87.8 63.2 94.8

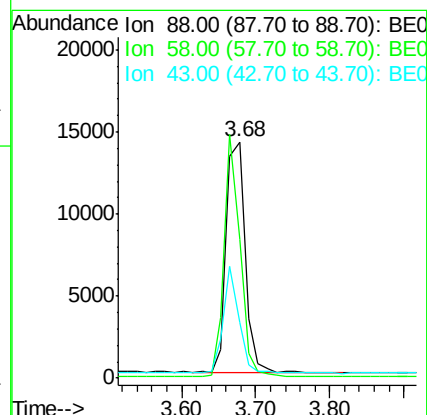
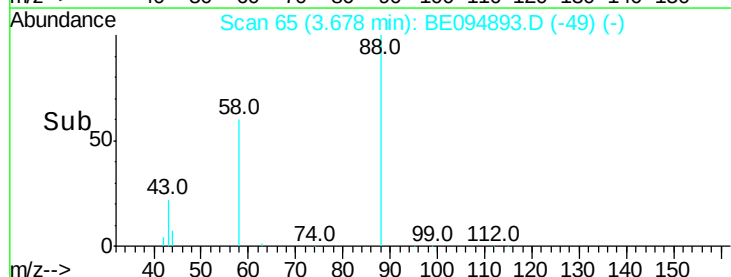
43 37.7 41.2 61.8#

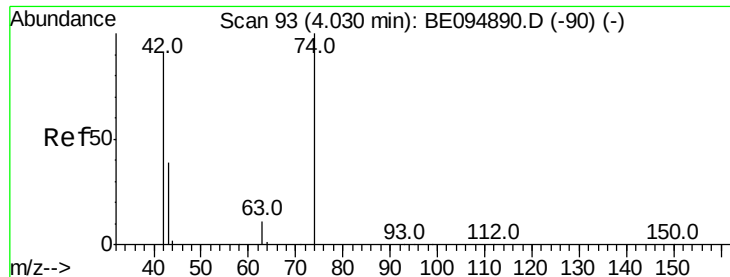


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.477 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.01 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

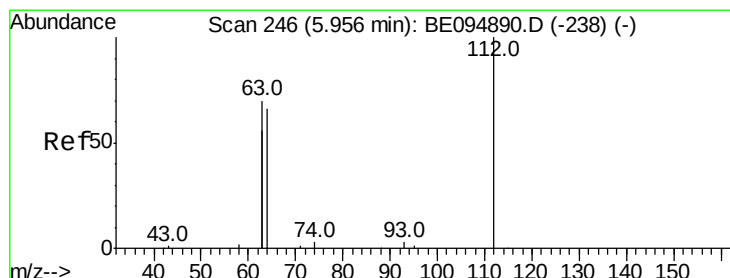
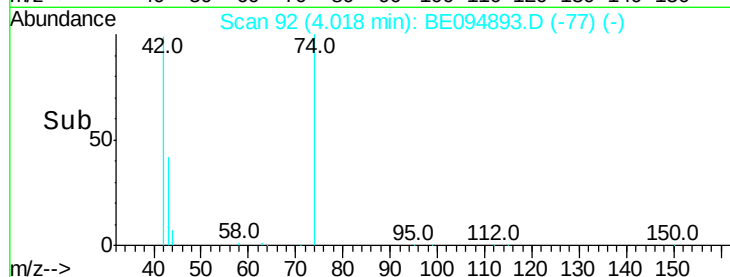
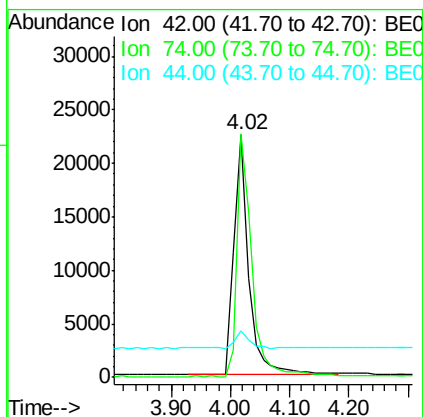
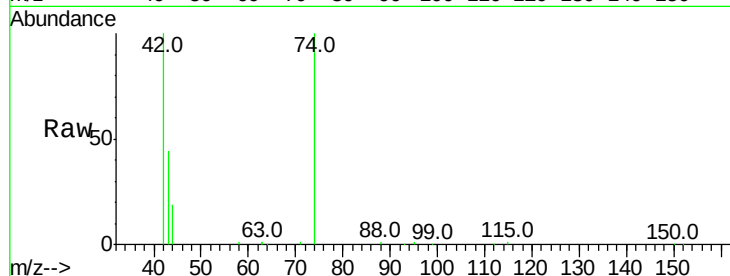
Tot Ion: 42 Resp: 38247

Ion Ratio Lower Upper

42 100

74 100.7 100.3 150.5

44 8.3 17.0 25.4#



#4

2-Fluorophenol

Concen: 3.231 ng

RT: 5.96 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

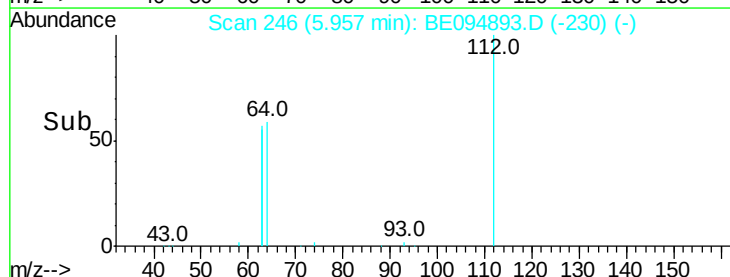
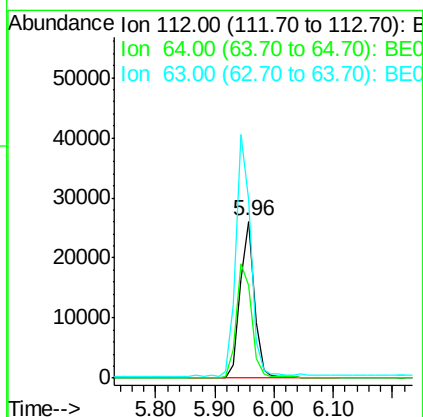
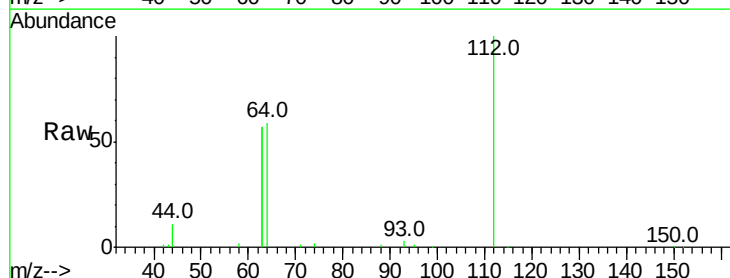
Tgt Ion: 112 Resp: 42726

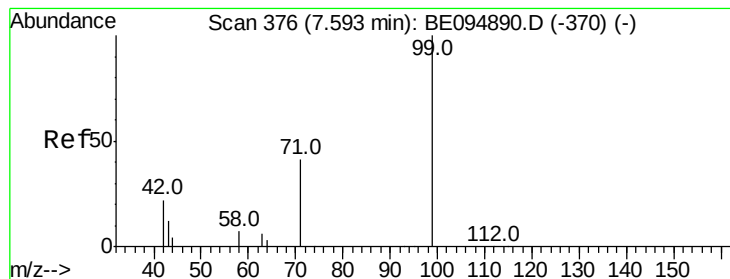
Ion Ratio Lower Upper

112 100

64 77.2 60.1 90.1

63 160.4 116.8 175.2





#5

Phenol-d6

Concen: 3.320 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

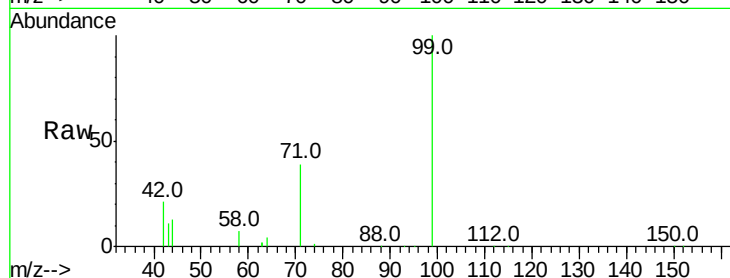
Tot Ion: 99 Resp: 64740

Ion Ratio Lower Upper

99 100

42 25.7 20.2 30.2

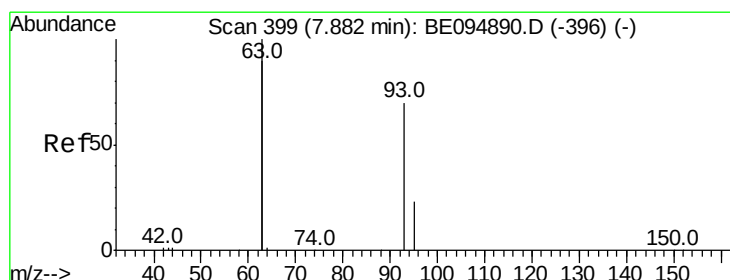
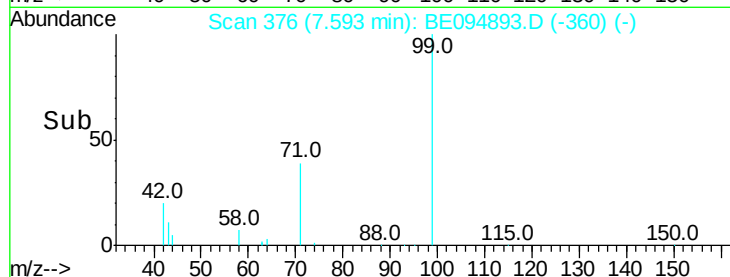
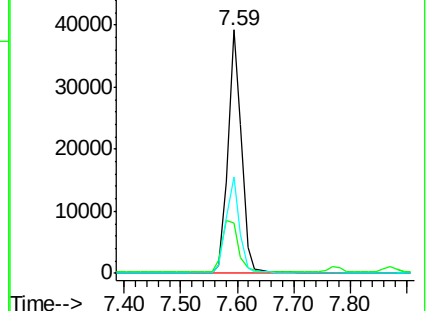
71 38.7 28.4 42.6



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: 3.151 ng

RT: 7.88 min Scan# 399

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

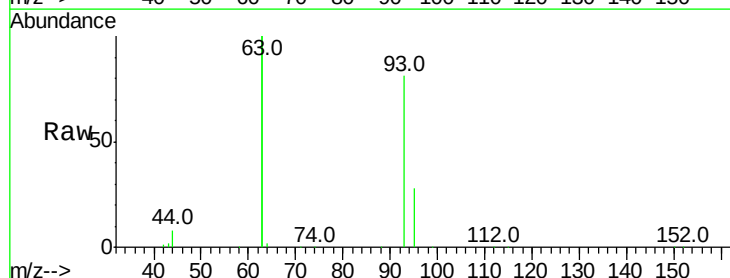
Tgt Ion: 93 Resp: 61452

Ion Ratio Lower Upper

93 100

63 346.6 275.3 412.9

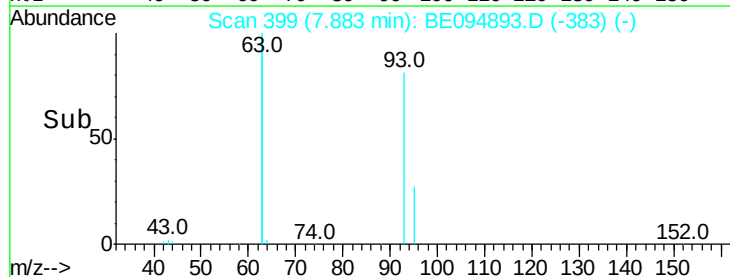
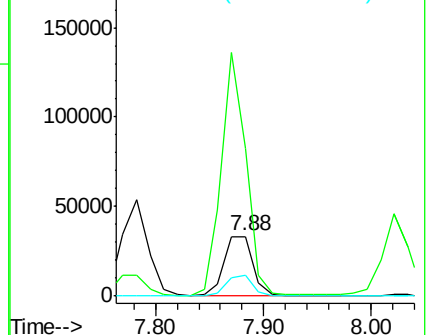
95 32.1 25.2 37.8

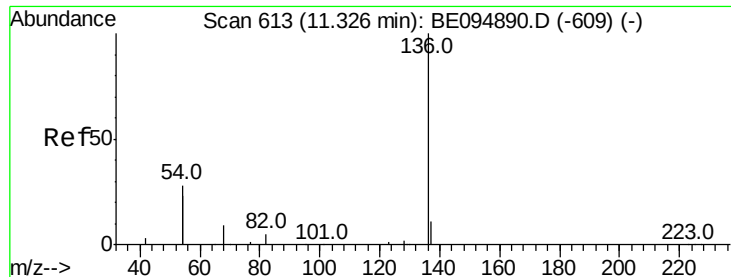


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 18936

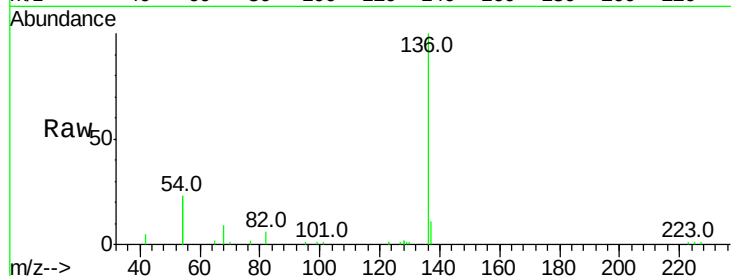
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 46.6 29.1 43.7#

68 9.1 6.2 9.2

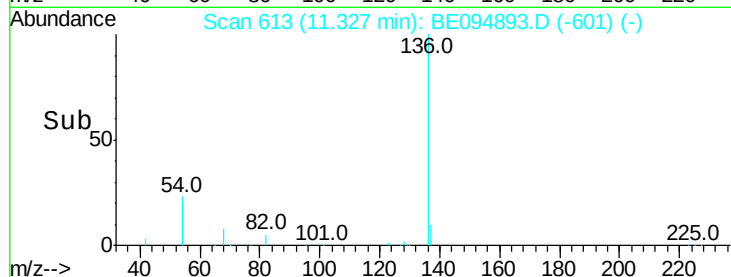


Abundance Ion 136.00 (135.70 to 136.70): E

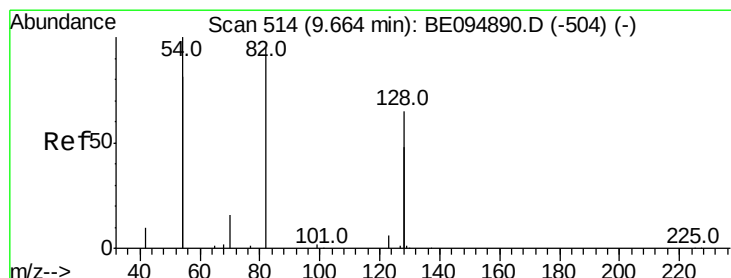
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 3.715 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

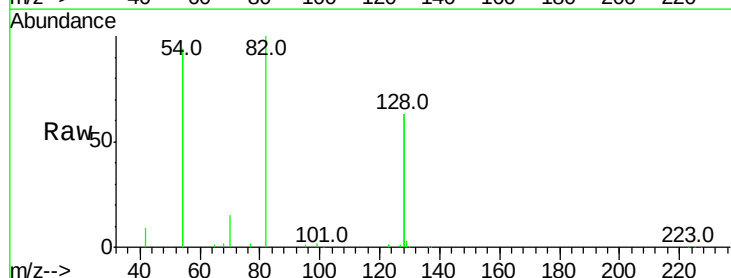
Tgt Ion: 82 Resp: 40556

Ion Ratio Lower Upper

82 100

128 126.7 150.0 225.0#

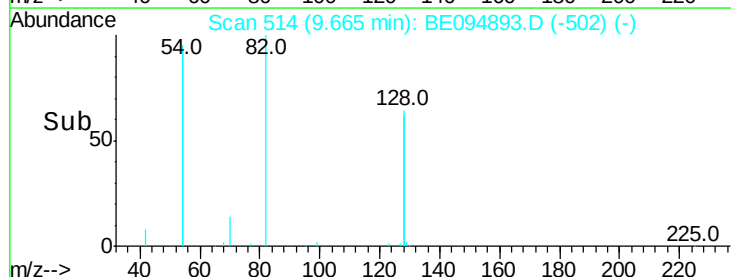
54 188.7 154.2 231.4



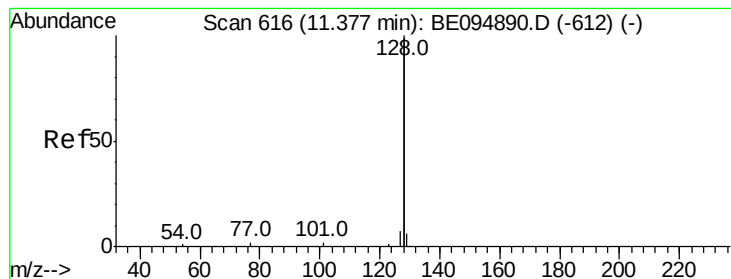
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 3.087 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

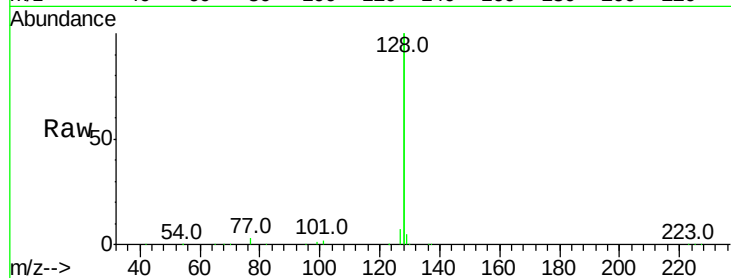
Tot Ion:128 Resp: 689416

Ion Ratio Lower Upper

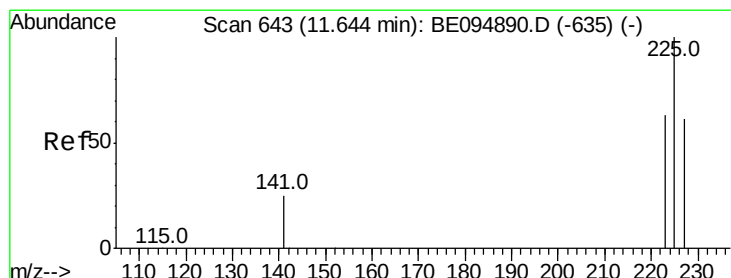
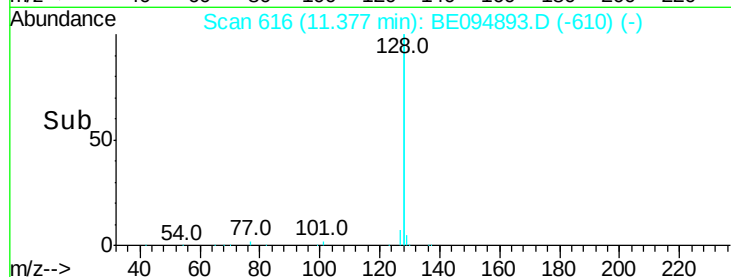
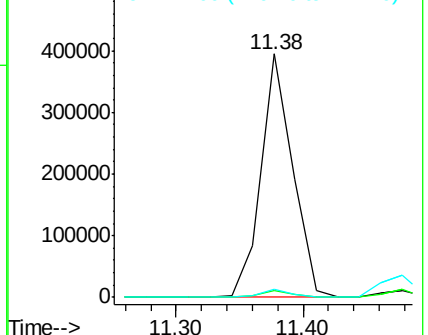
128 100

129 2.7 2.6 3.8

127 3.4 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: 3.064 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

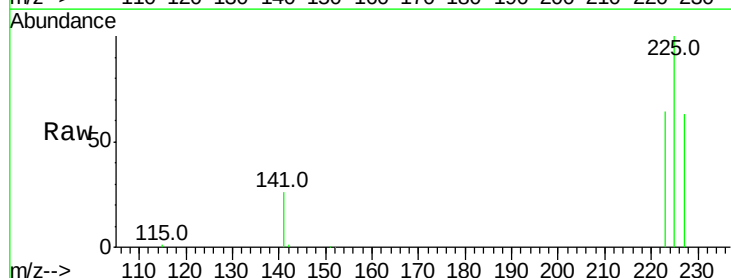
Tgt Ion:225 Resp: 28912

Ion Ratio Lower Upper

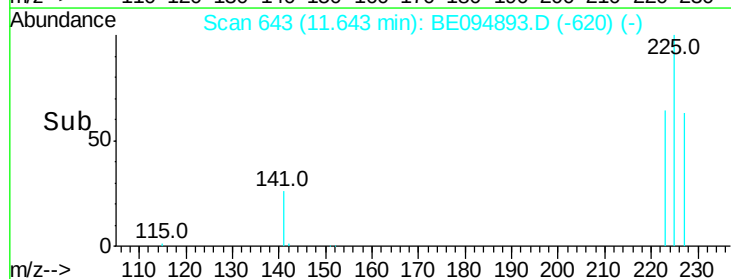
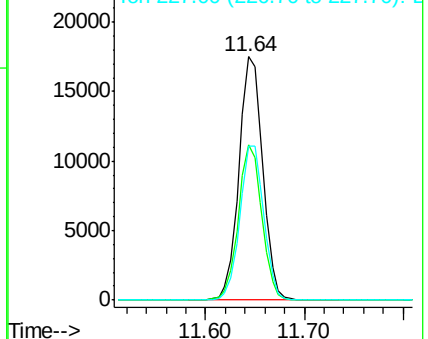
225 100

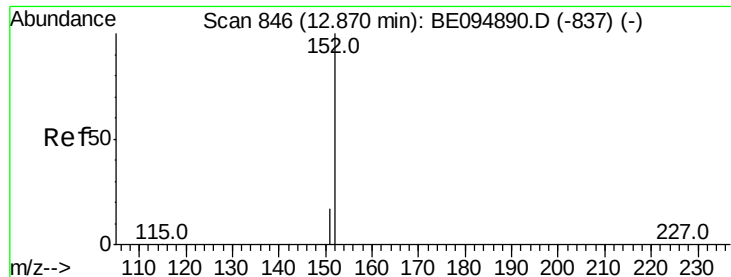
223 62.7 53.0 79.6

227 63.6 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: 3.201 ng

RT: 12.87 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

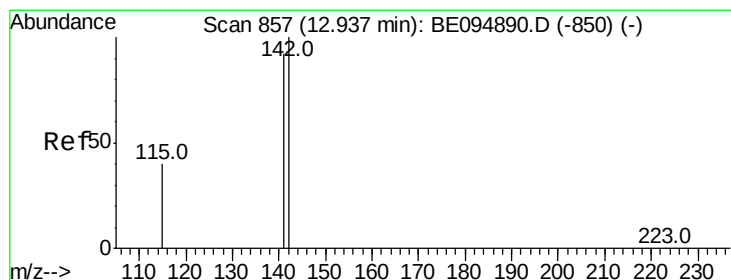
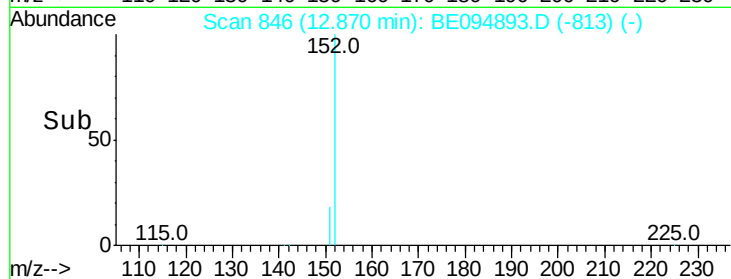
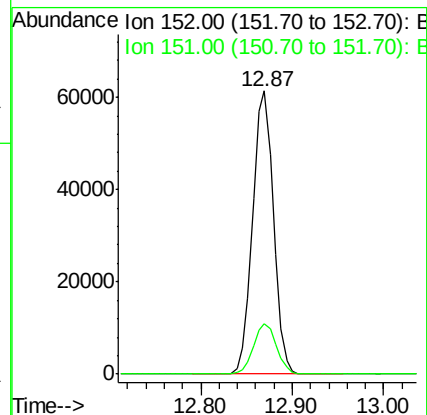
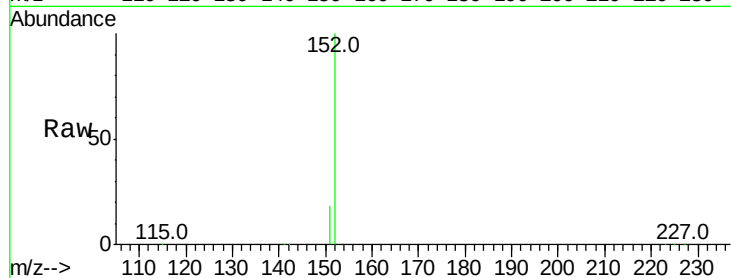
SSTDICC3.2

Tot Ion:152 Resp: 96738

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



#12

2-Methylnaphthalene

Concen: 3.093 ng

RT: 12.94 min Scan# 857

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

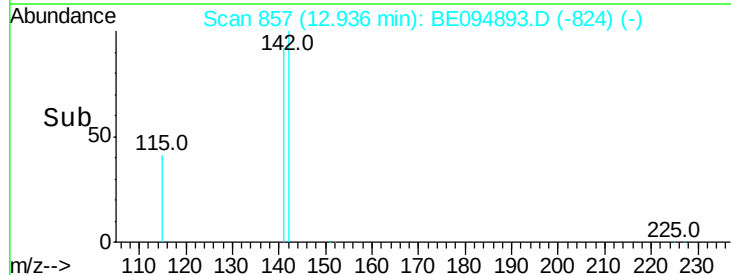
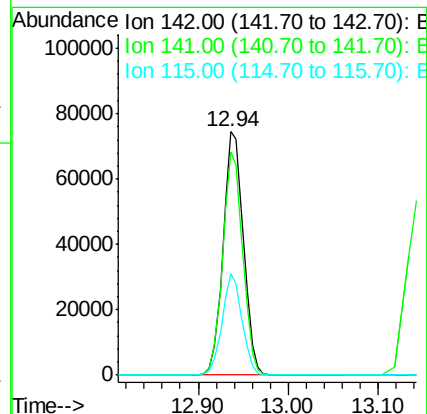
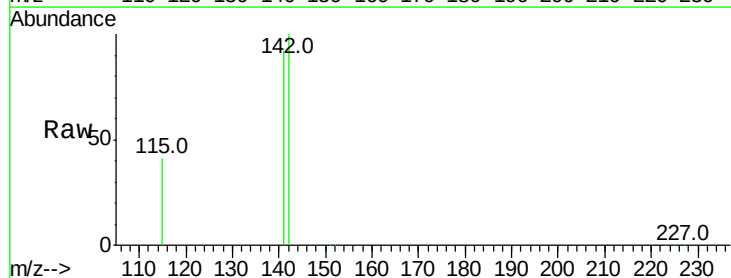
Tgt Ion:142 Resp: 171578

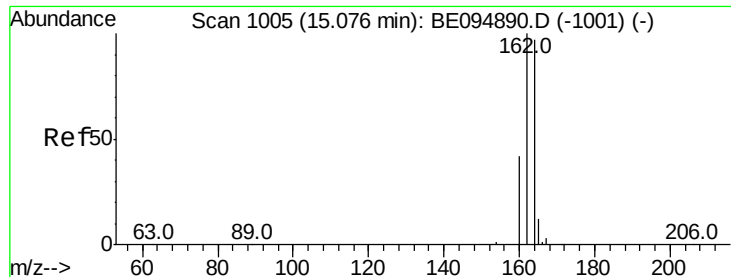
Ion Ratio Lower Upper

142 100

141 91.6 70.4 105.6

115 41.5 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.07 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

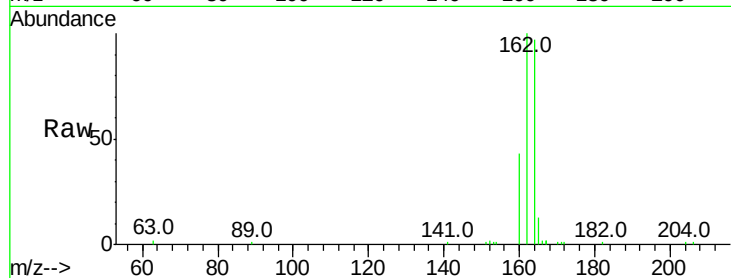
Tot Ion:164 Resp: 10576

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

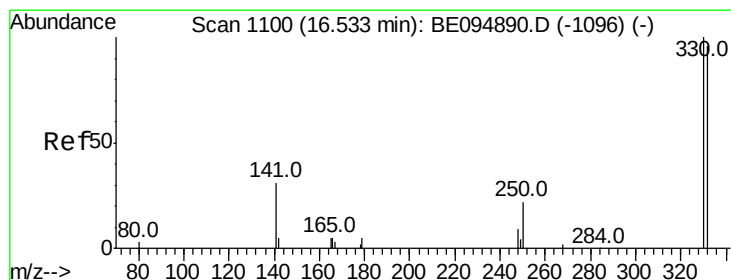
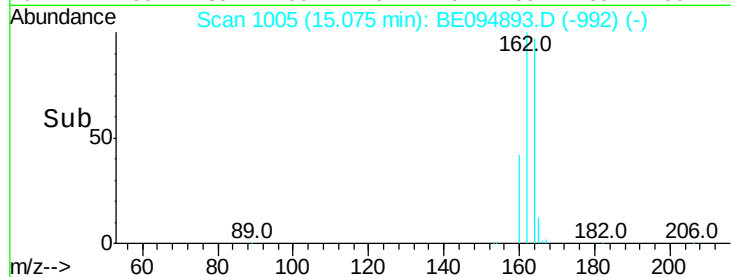
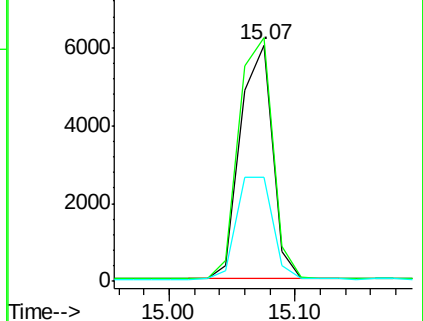
160 44.1 37.1 55.7



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: 4.291 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

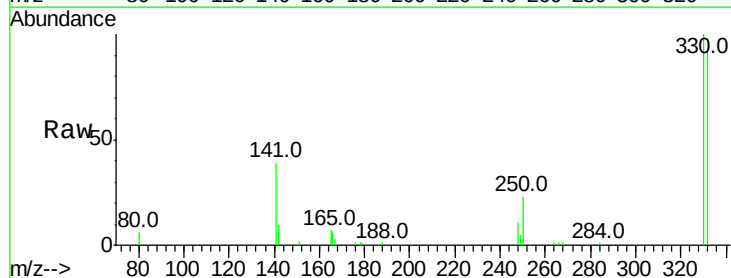
Tgt Ion:330 Resp: 9283

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

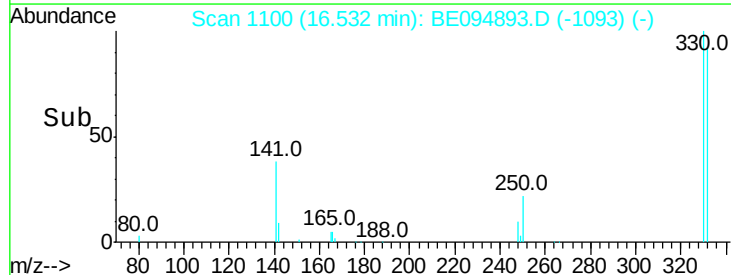
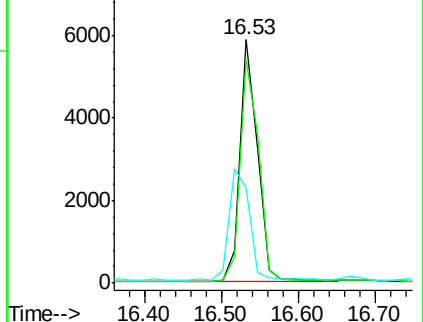
141 53.2 33.7 50.5#

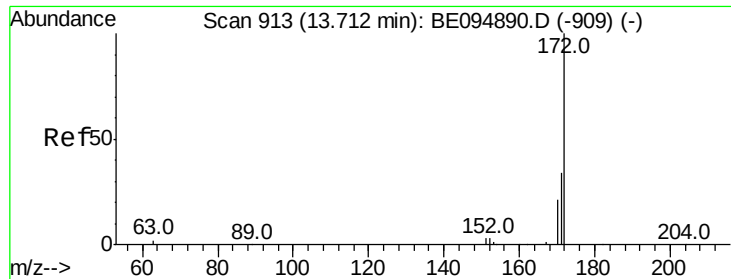


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

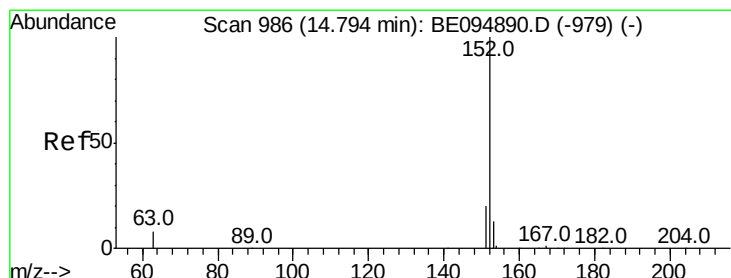
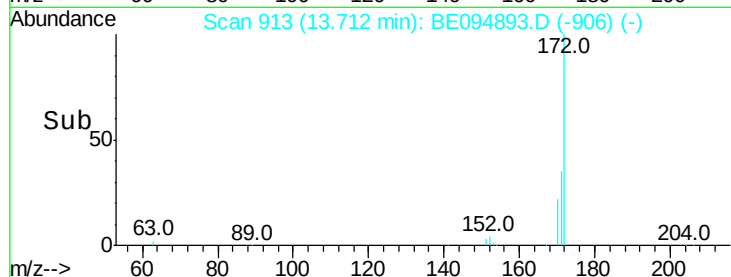
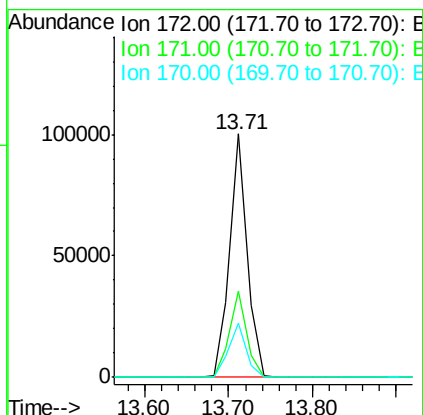
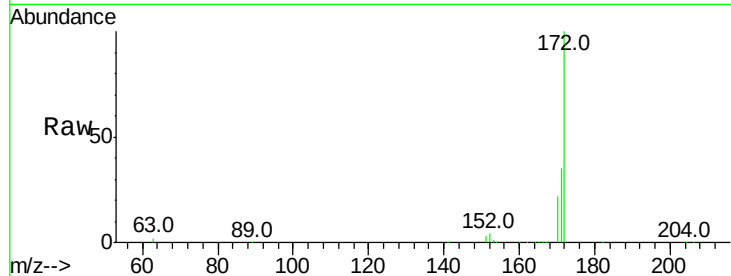




#15
2-Fluorobiphenyl
Concen: 3.176 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

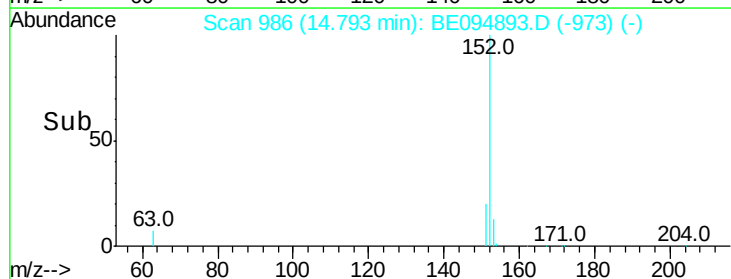
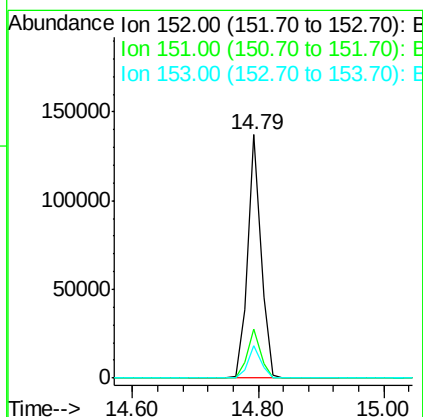
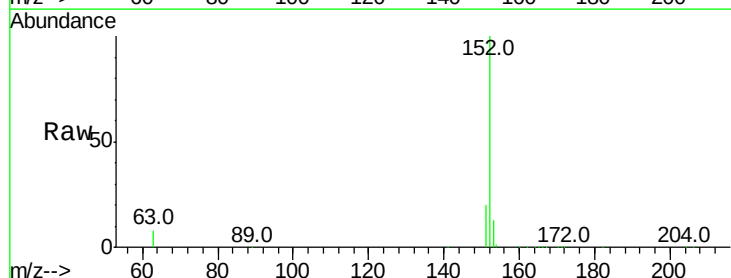
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

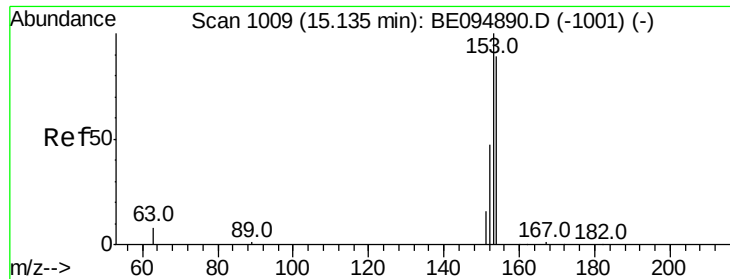
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	22.3	21.8	32.8



#16
Acenaphthylene
Concen: 3.391 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.9	10.5	15.7





#17

Acenaphthene

Concen: 3.195 ng

RT: 15.13 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

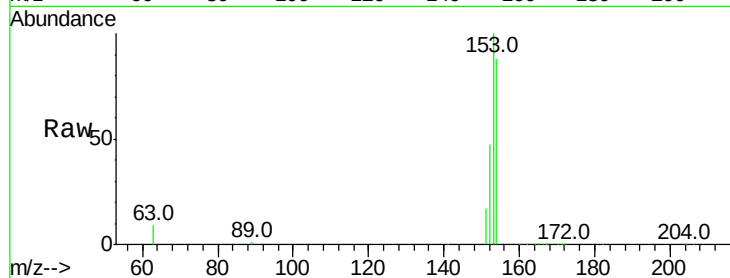
Tot Ion:154 Resp: 123446

Ion Ratio Lower Upper

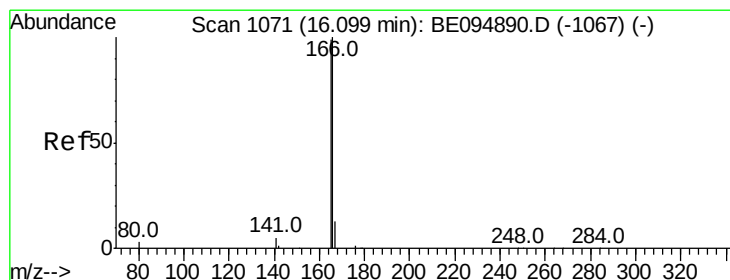
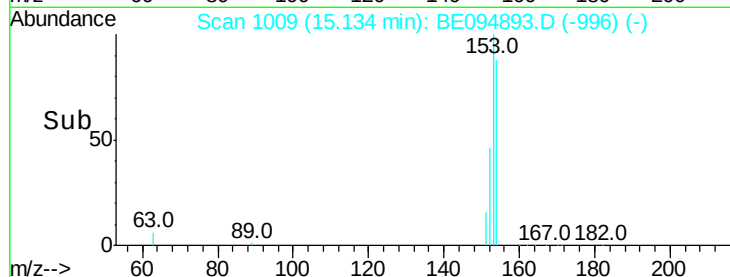
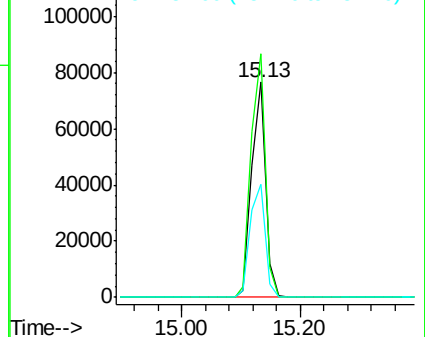
154 100

153 115.1 89.2 133.8

152 56.6 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: 3.218 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

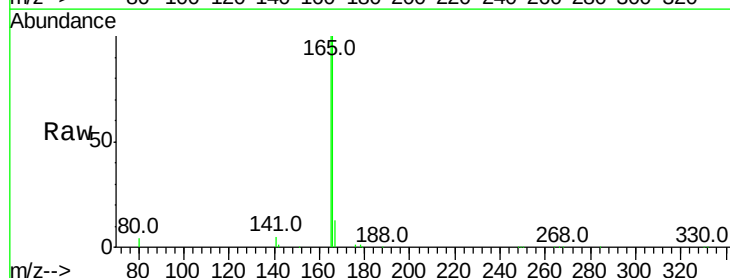
Tgt Ion:166 Resp: 158016

Ion Ratio Lower Upper

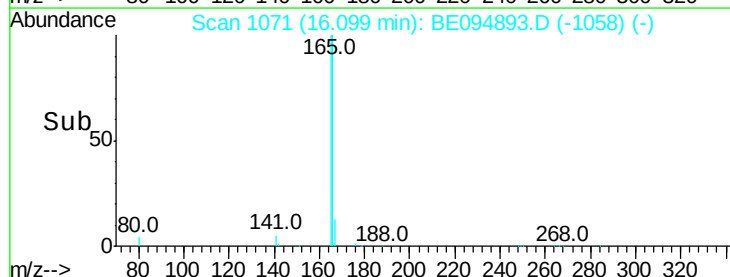
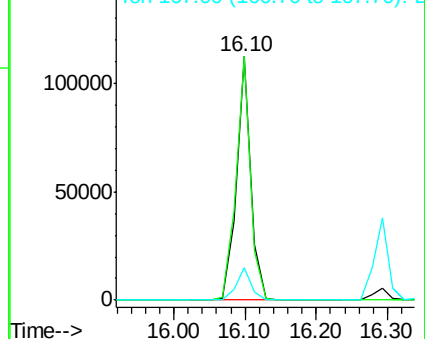
166 100

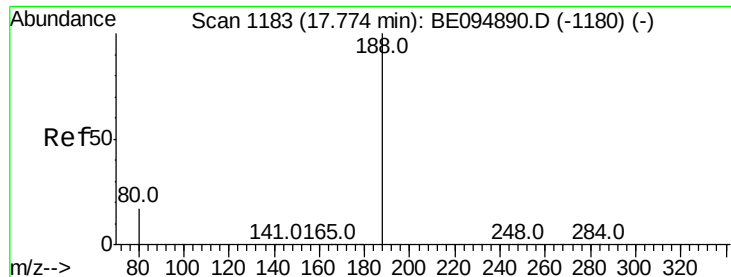
165 101.0 77.8 116.6

167 13.2 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: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

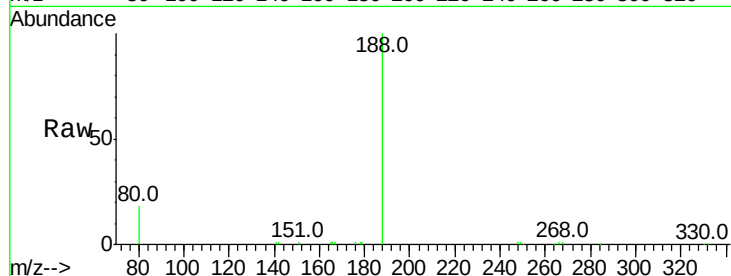
Tot Ion:188 Resp: 25236

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

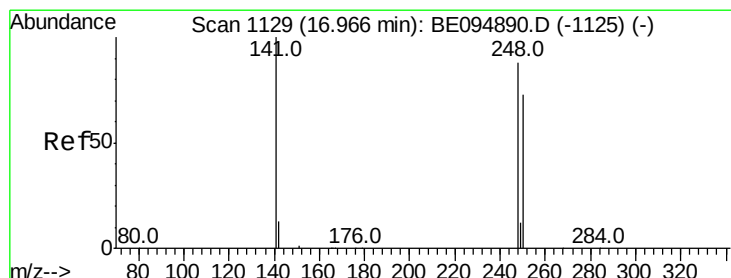
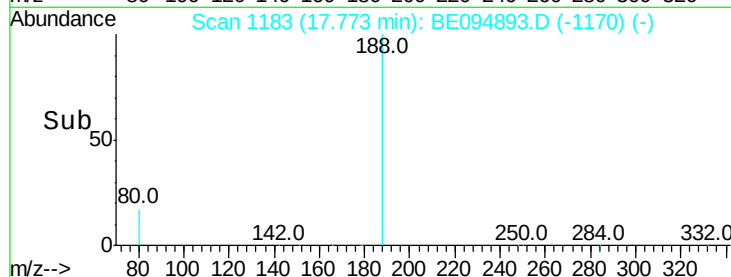
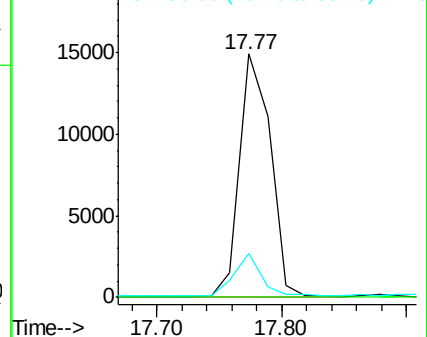
80 18.1 3.6 5.4#



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: 3.292 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

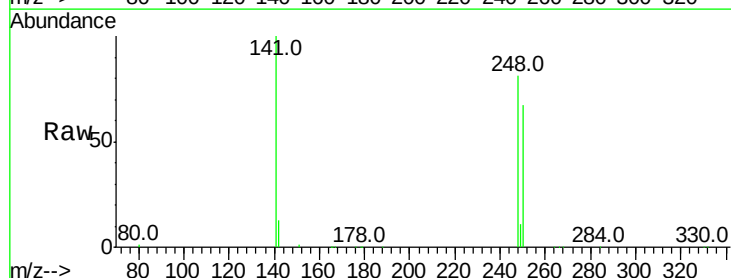
Tgt Ion:248 Resp: 46130

Ion Ratio Lower Upper

248 100

250 82.6 62.7 94.1

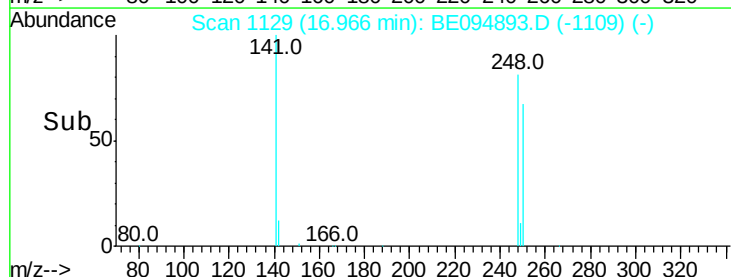
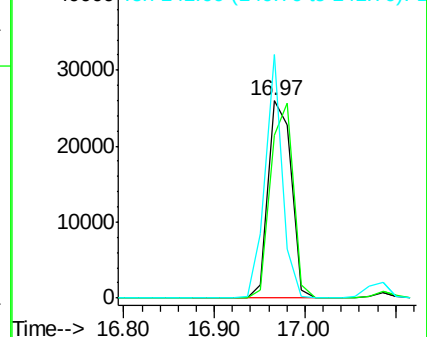
141 123.4 48.2 72.2#

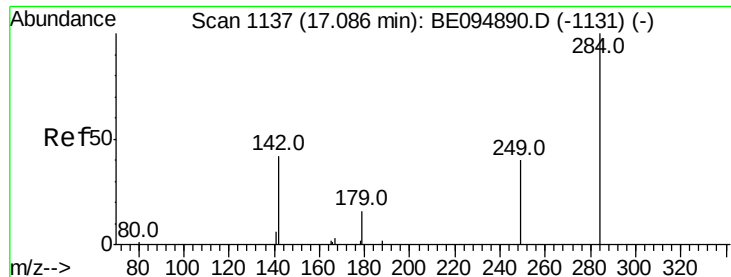


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.281 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

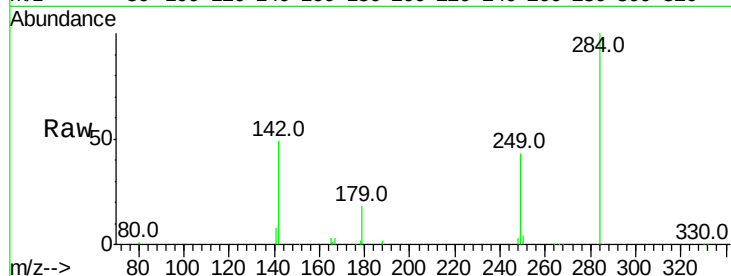
Tot Ion:284 Resp: 44872

Ion Ratio Lower Upper

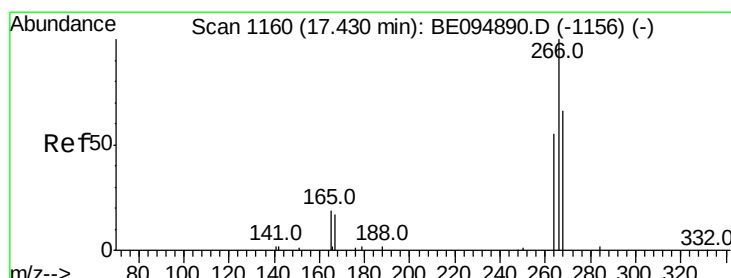
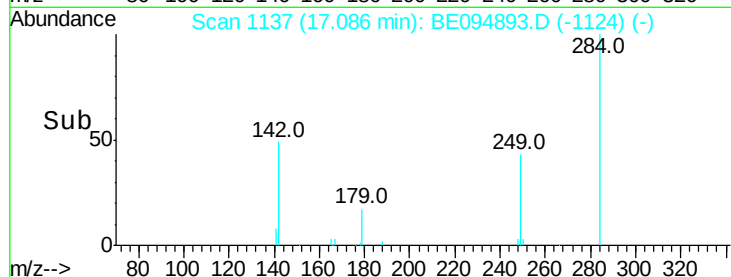
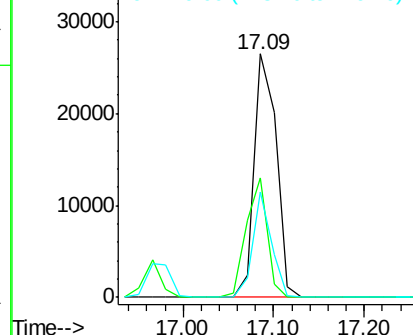
284 100

142 46.3 22.1 33.1#

249 36.3 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: 4.514 ng

RT: 17.43 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

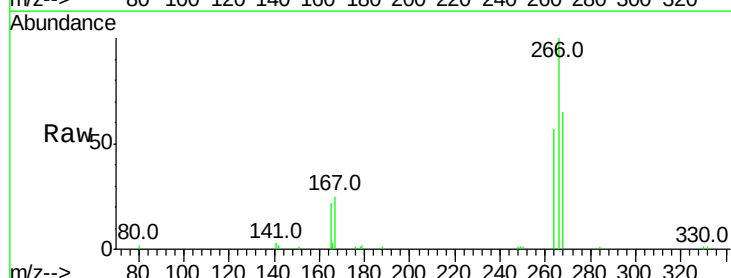
Tgt Ion:266 Resp: 14334

Ion Ratio Lower Upper

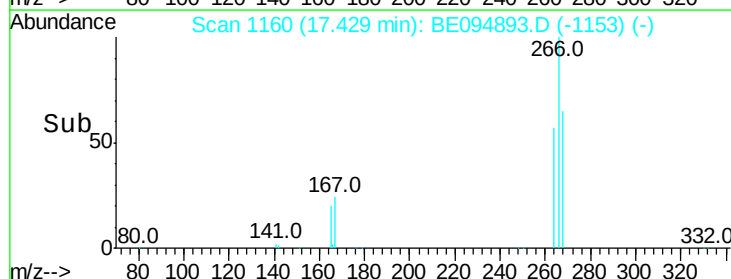
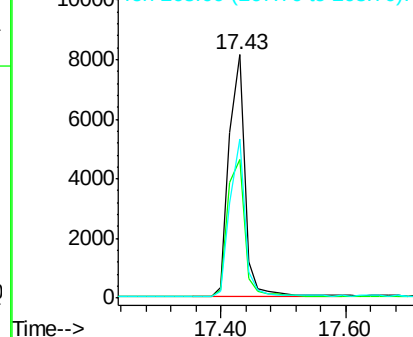
266 100

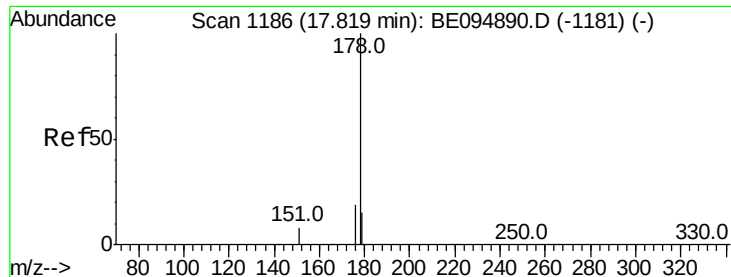
264 57.1 72.5 108.7#

268 65.4 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: 3.241 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

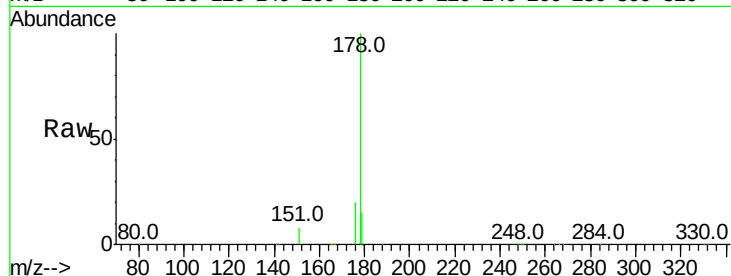
Tot Ion:178 Resp: 260081

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

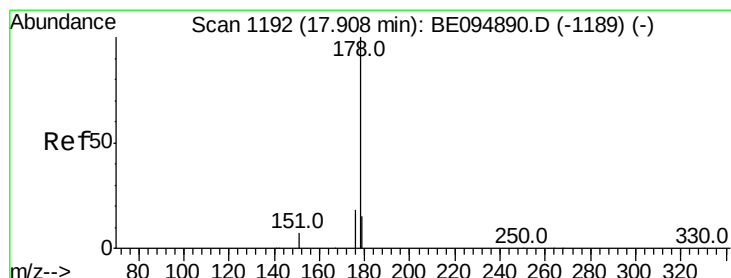
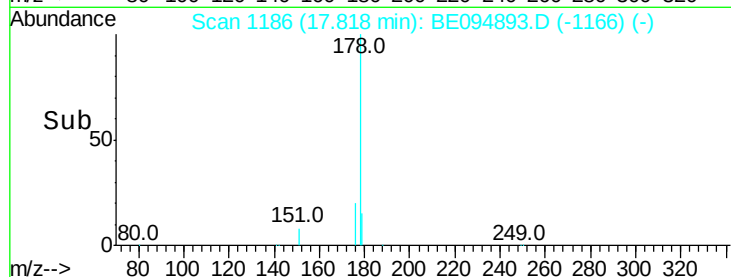
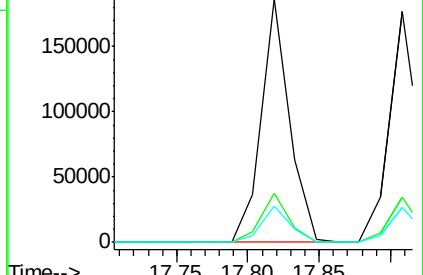
179 15.2 11.8 17.6



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: 3.285 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

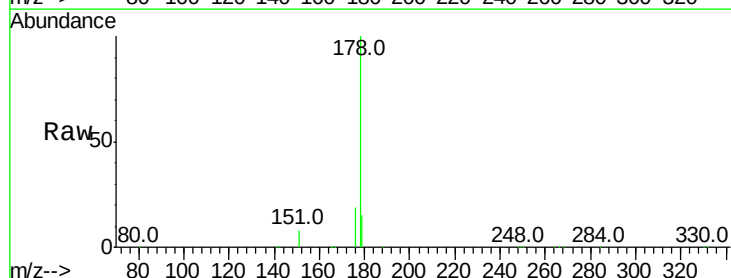
Tgt Ion:178 Resp: 278844

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

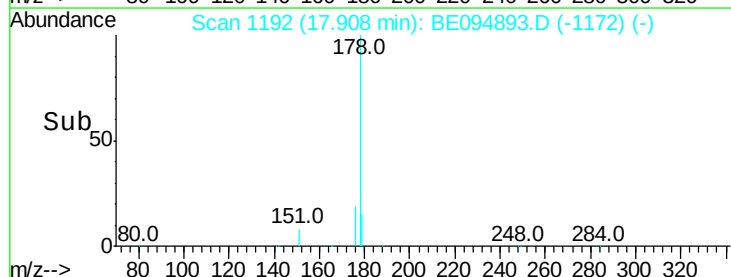
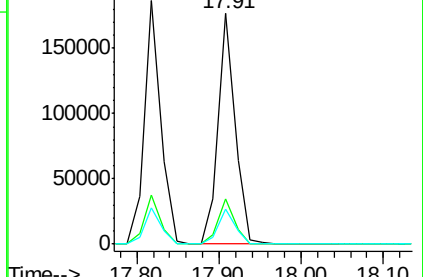
179 15.4 13.0 19.6

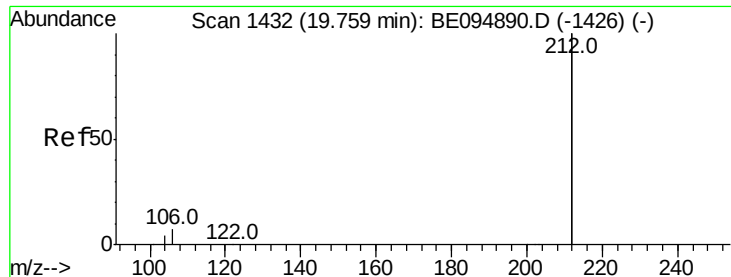


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.223 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

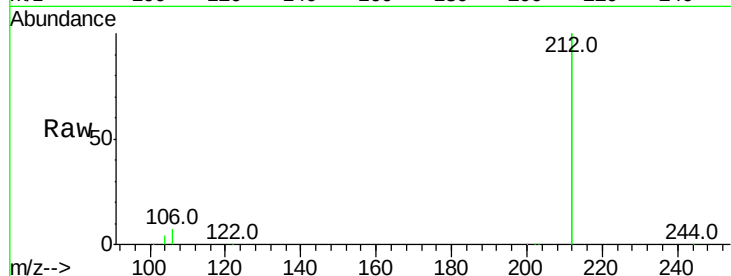
Tot Ion:212 Resp: 1110085

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

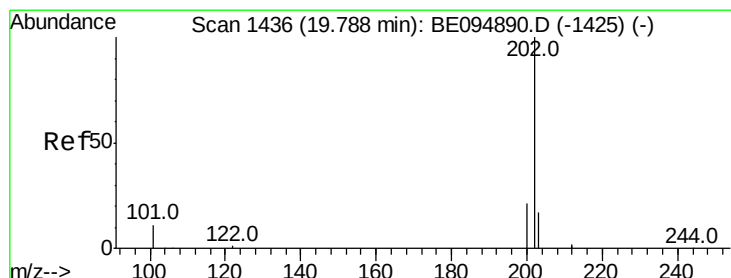
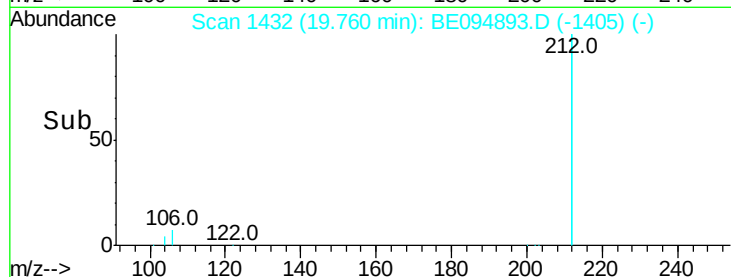
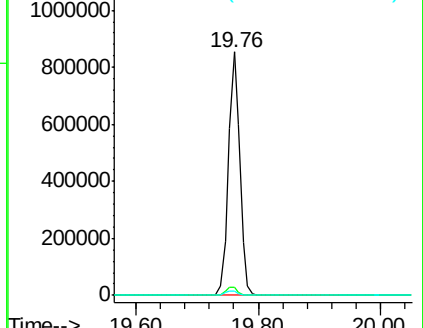
104 2.0 1.6 2.4



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: 3.289 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

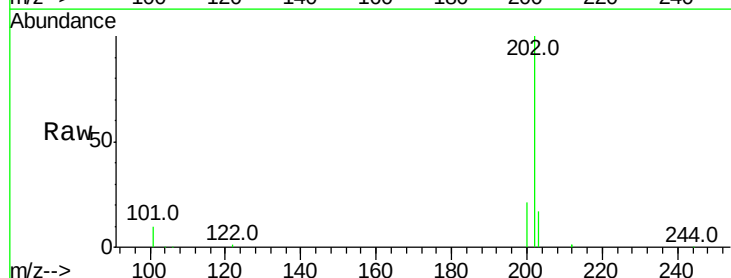
Tgt Ion:202 Resp: 338421

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

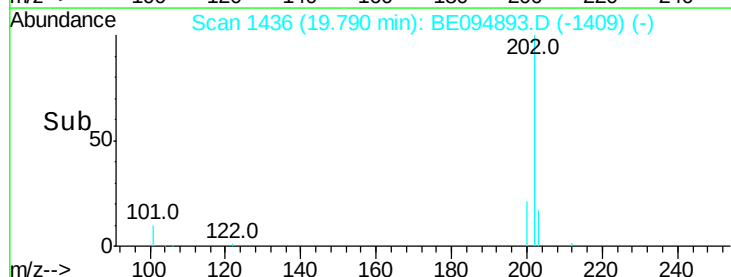
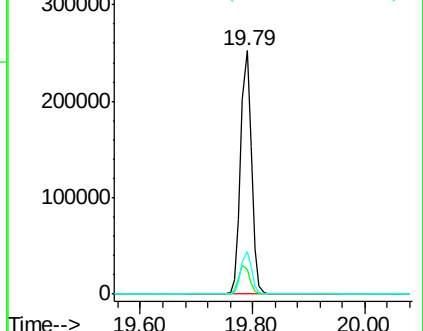
203 17.1 13.7 20.5

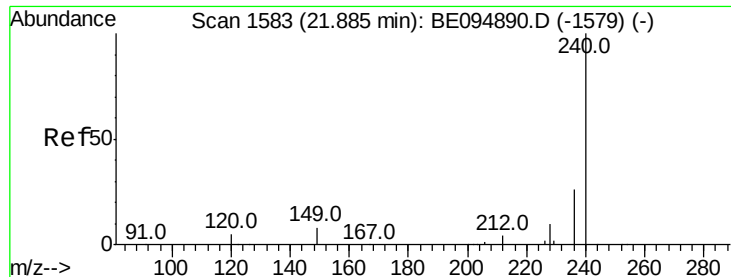


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

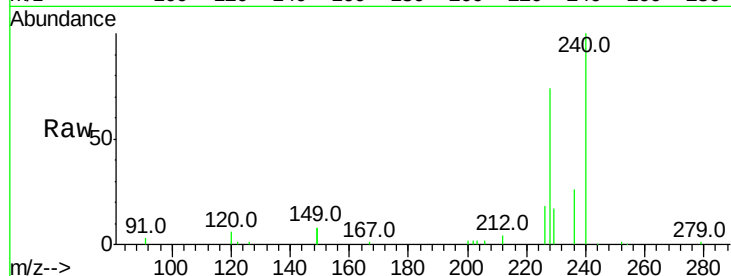
Tot Ion:240 Resp: 30833

Ion Ratio Lower Upper

240 100

120 5.7 5.5 8.3

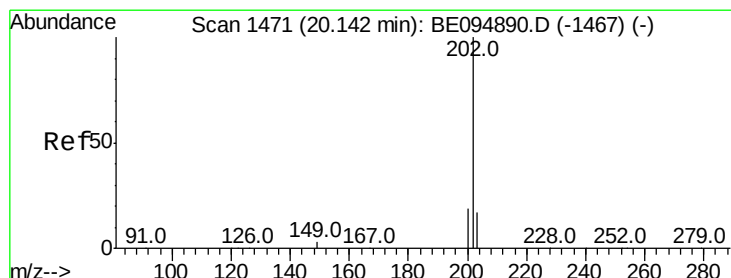
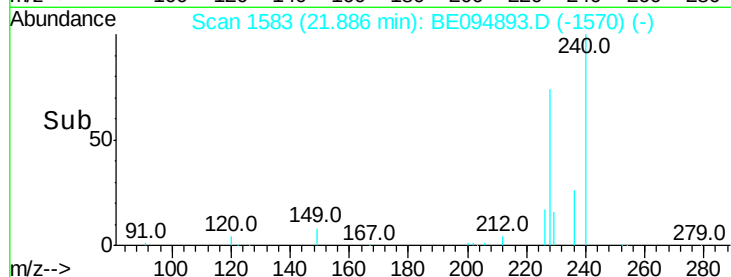
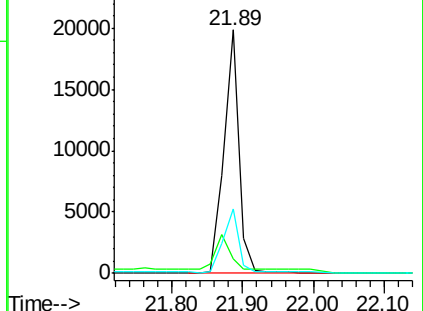
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.172 ng

RT: 20.14 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

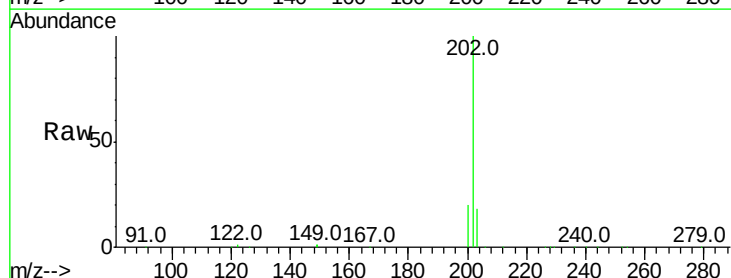
Tgt Ion:202 Resp: 338159

Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

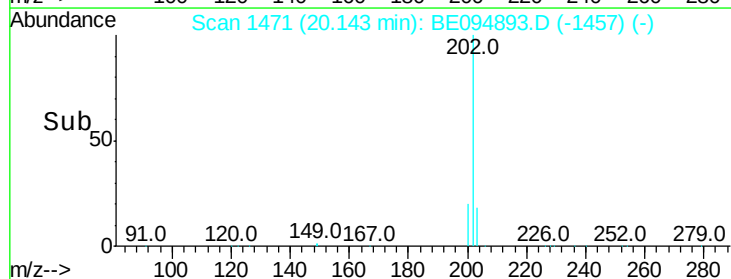
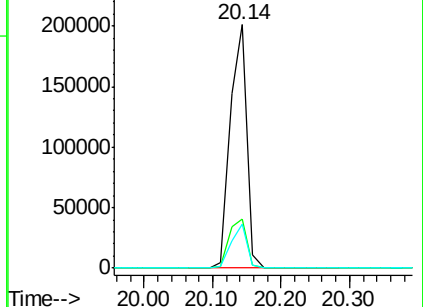
203 18.1 13.8 20.8

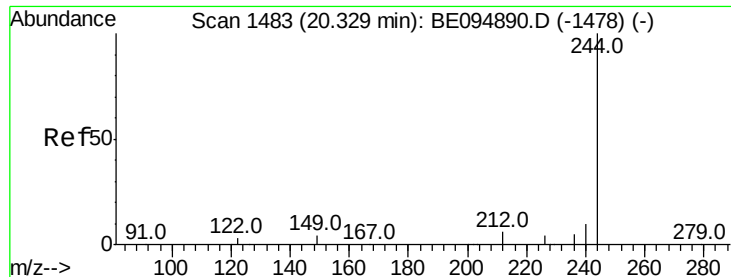


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.300 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

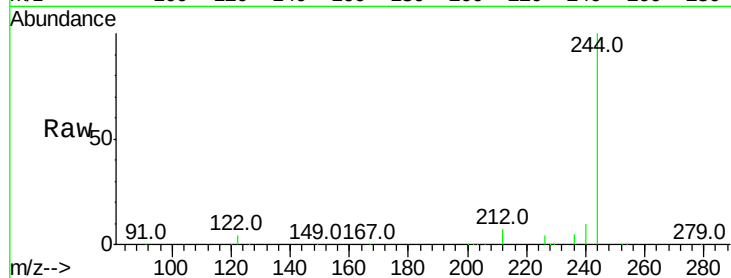
Tot Ion:244 Resp: 186930

Ion Ratio Lower Upper

244 100

212 6.7 25.4 38.0#

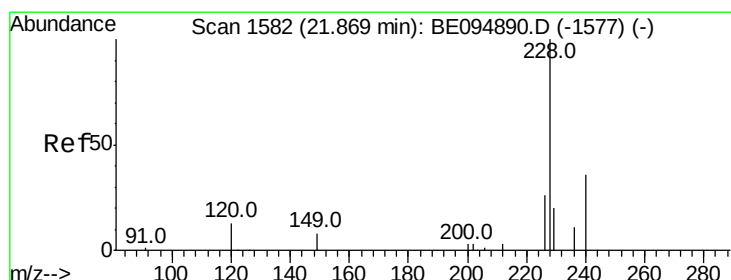
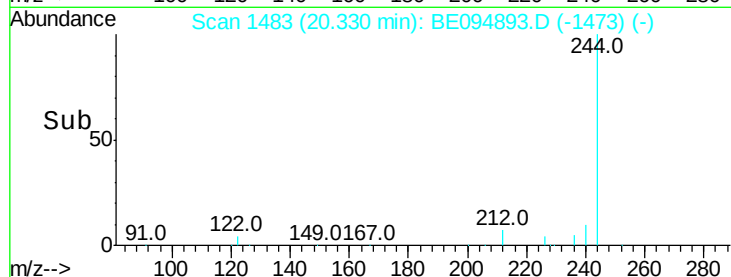
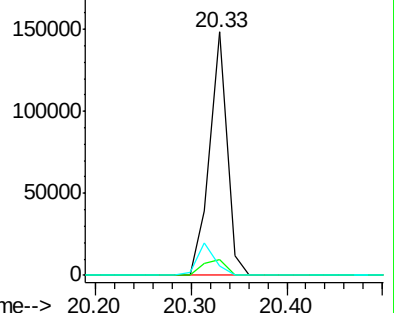
122 3.7 8.1 12.1#



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: 3.255 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

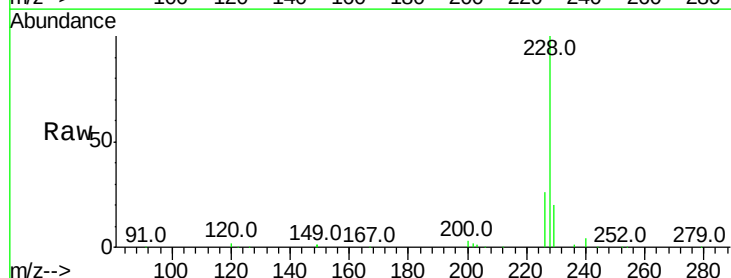
Tgt Ion:228 Resp: 306906

Ion Ratio Lower Upper

228 100

226 26.1 40.0 60.0#

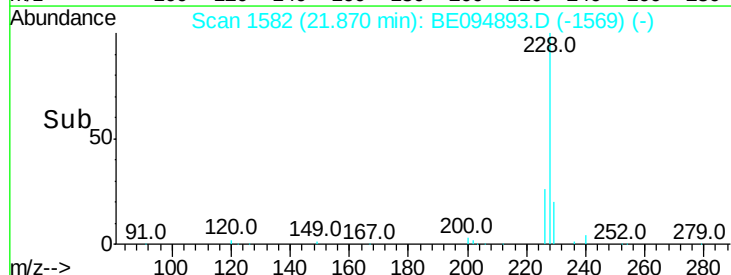
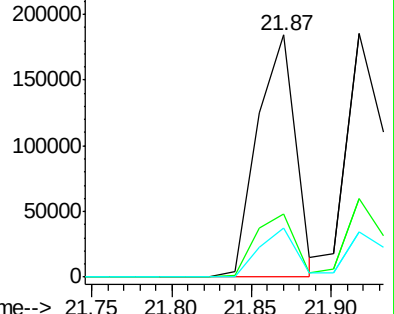
229 20.1 40.0 60.0#

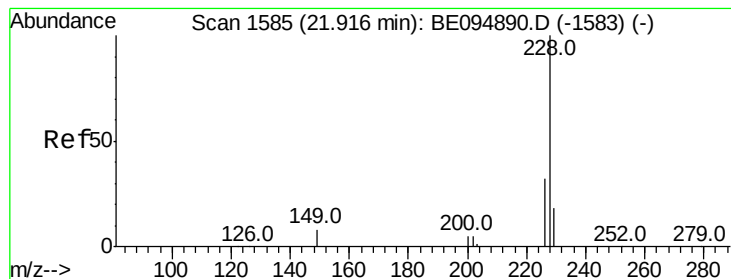


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.056 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

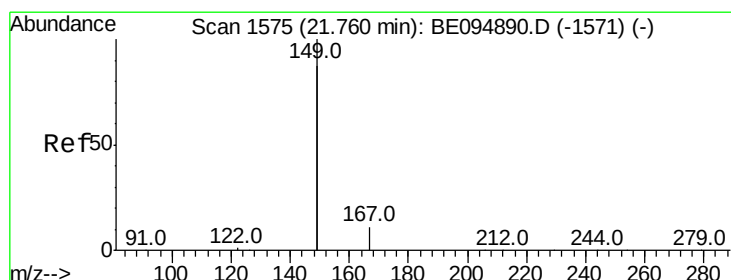
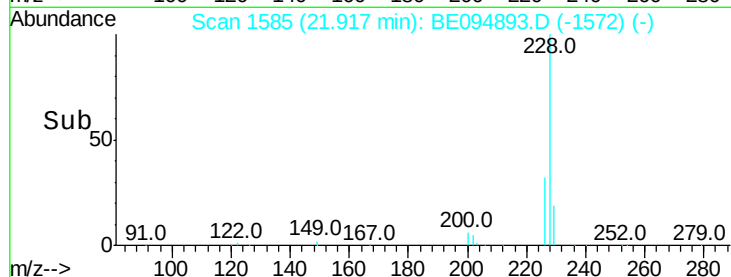
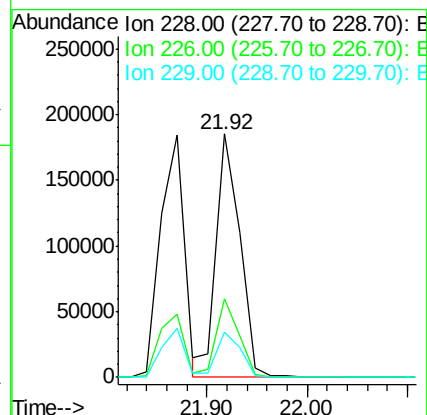
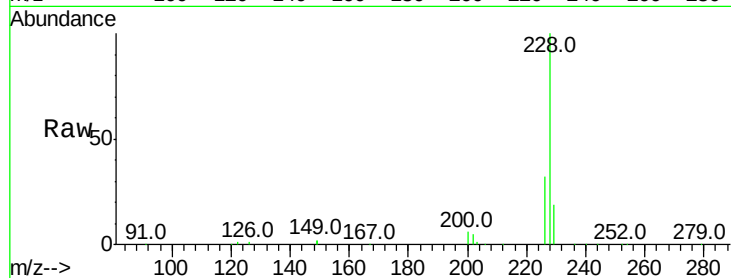
Tot Ion:228 Resp: 321630

Ion Ratio Lower Upper

228 100

226 32.1 40.0 60.0#

229 18.8 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.038 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

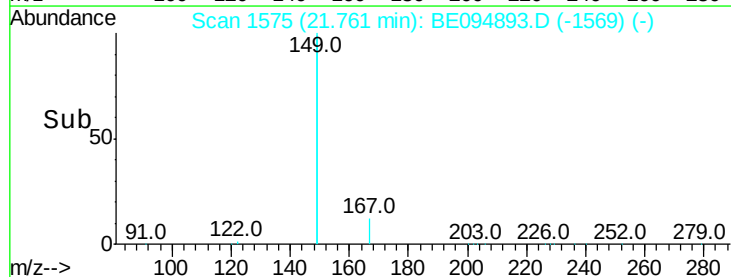
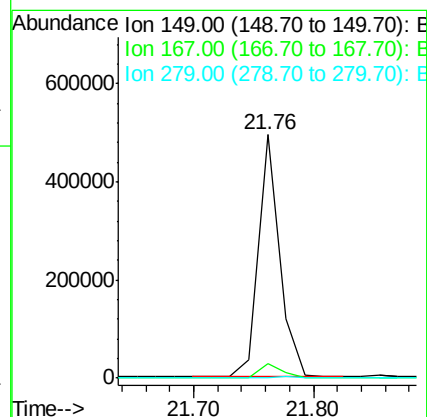
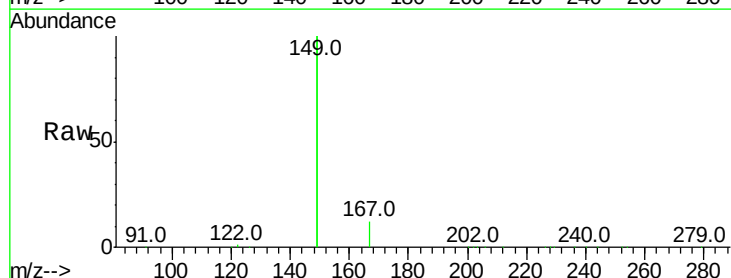
Tgt Ion:149 Resp: 606207

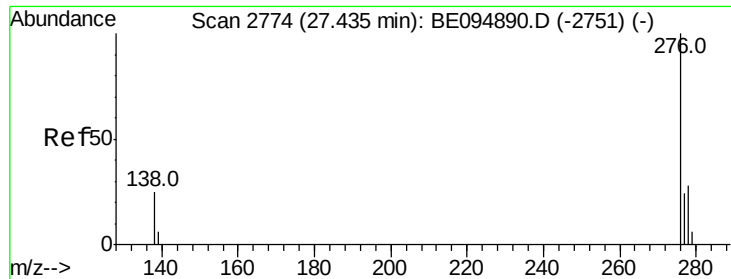
Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

279 0.7 0.7 1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.330 ng

RT: 27.44 min Scan# 2776

Delta R.T. 0.01 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

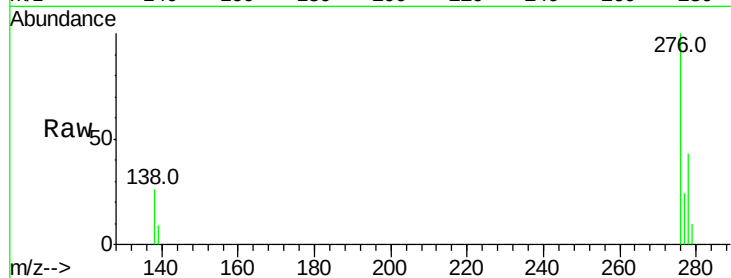
Tot Ion:276 Resp: 282806

Ion Ratio Lower Upper

276 100

138 29.0 22.5 33.7

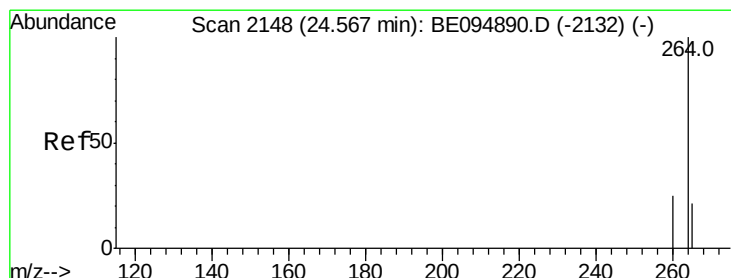
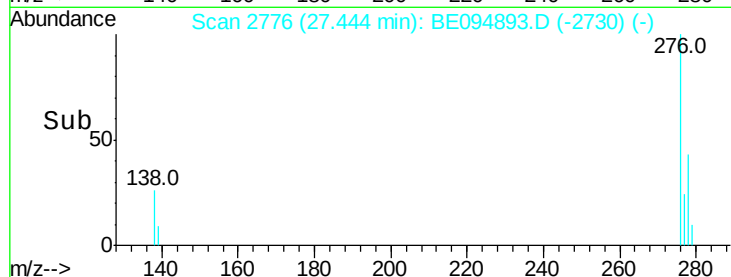
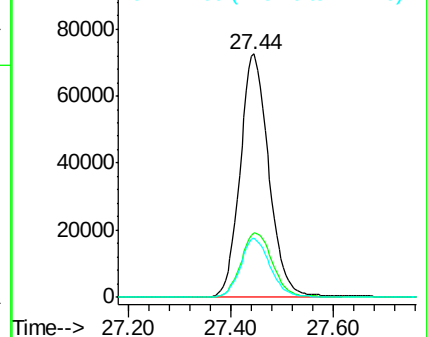
277 24.9 19.9 29.9



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: 24.57 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

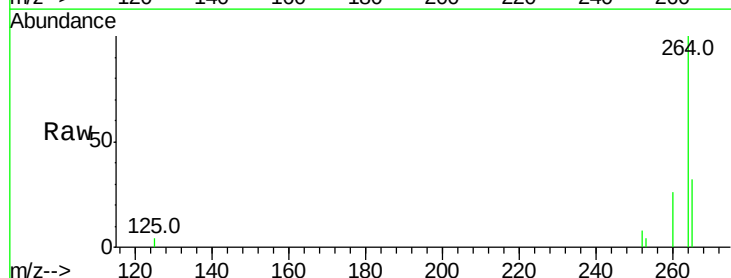
Tgt Ion:264 Resp: 23477

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

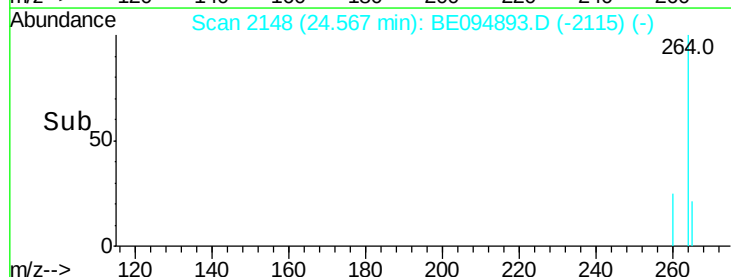
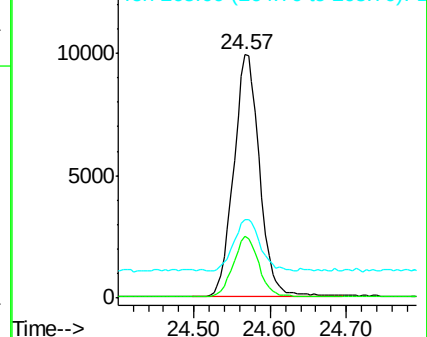
265 32.4 22.8 34.2

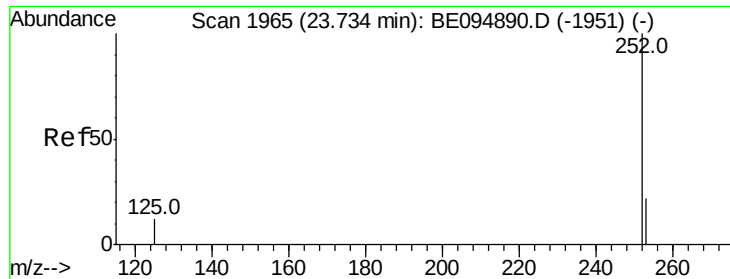


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

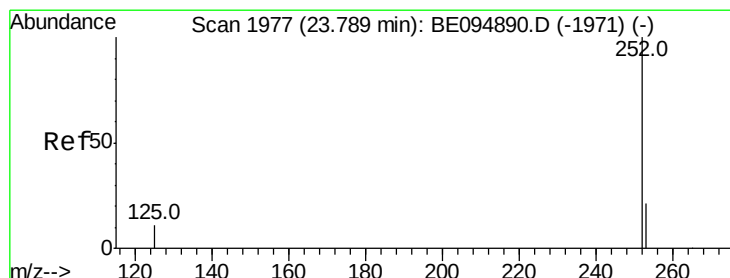
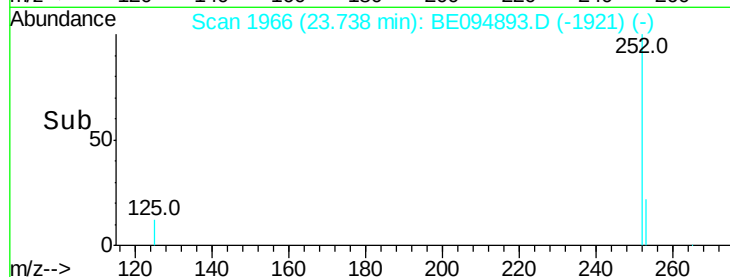
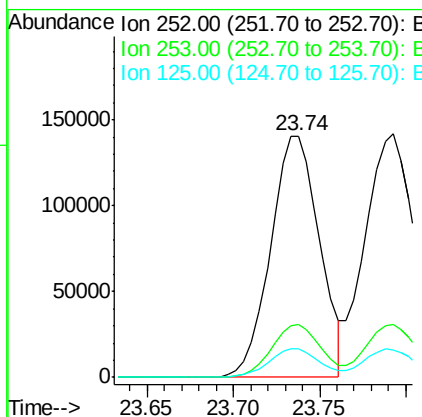
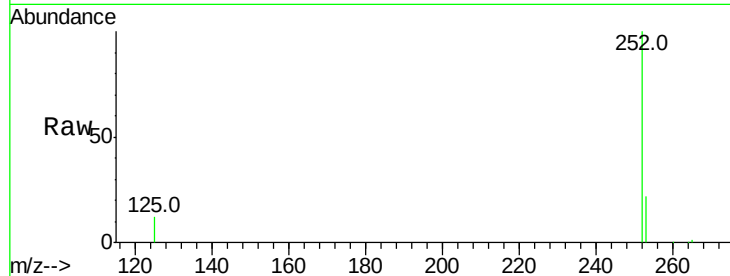




#35
Benzo(b)fluoranthene
Concen: 3.214 ng
RT: 23.74 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

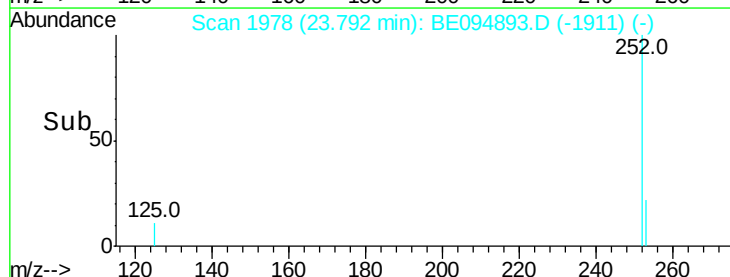
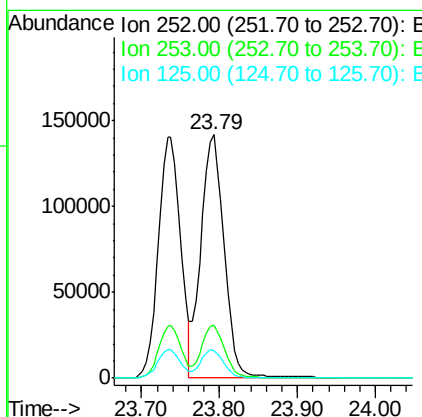
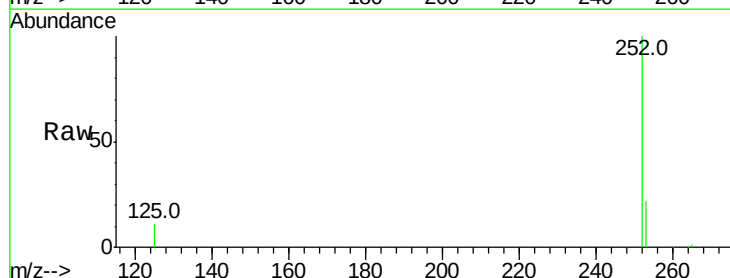
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

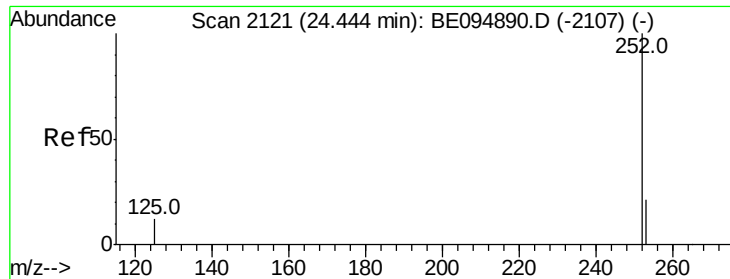
Tot Ion:252 Resp: 275291
Ion Ratio Lower Upper
252 100
253 22.1 48.0 72.0#
125 11.7 56.0 84.0#



#36
Benzo(k)fluoranthene
Concen: 3.372 ng
RT: 23.79 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:252 Resp: 291986
Ion Ratio Lower Upper
252 100
253 21.7 48.0 72.0#
125 11.5 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 3.425 ng

RT: 24.45 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

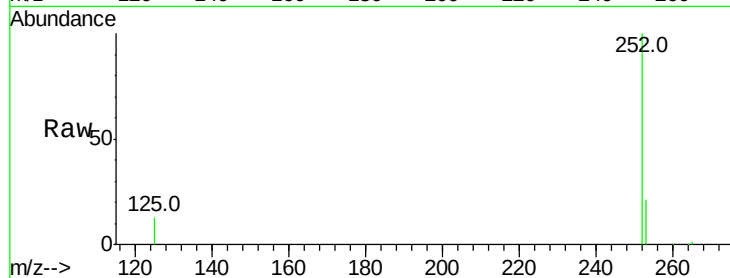
Tot Ion:252 Resp: 254380

Ion Ratio Lower Upper

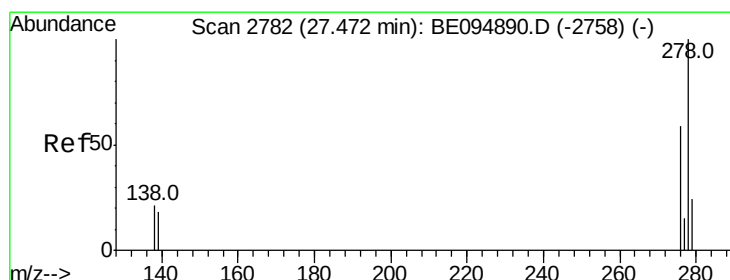
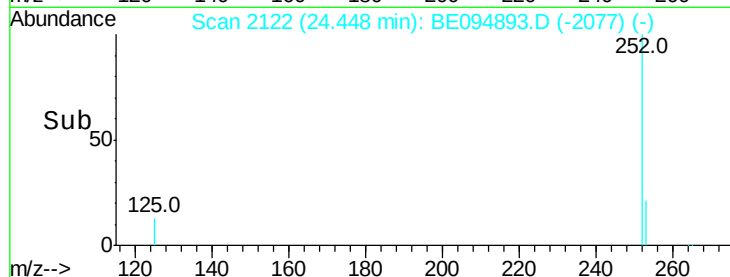
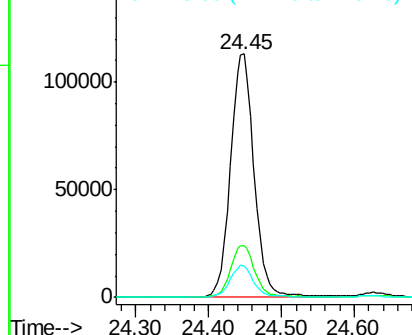
252 100

253 21.4 52.0 78.0#

125 13.0 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: 3.498 ng

RT: 27.47 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

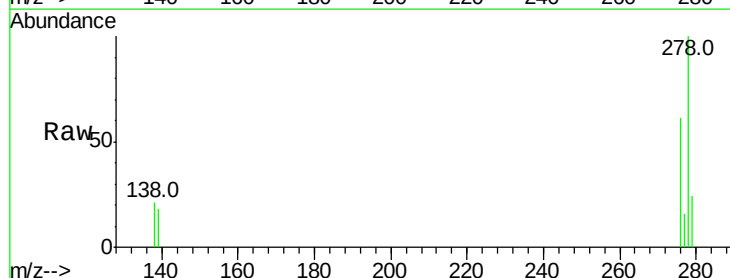
Tgt Ion:278 Resp: 239076

Ion Ratio Lower Upper

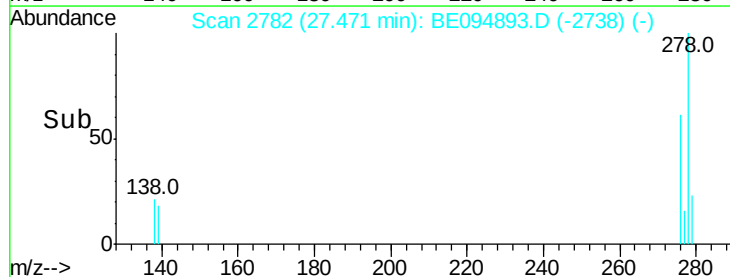
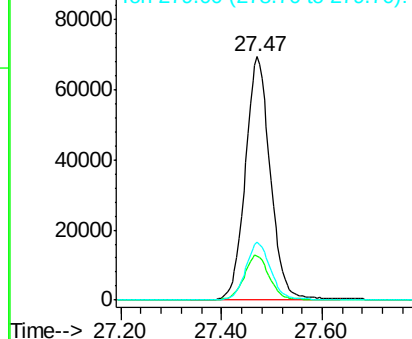
278 100

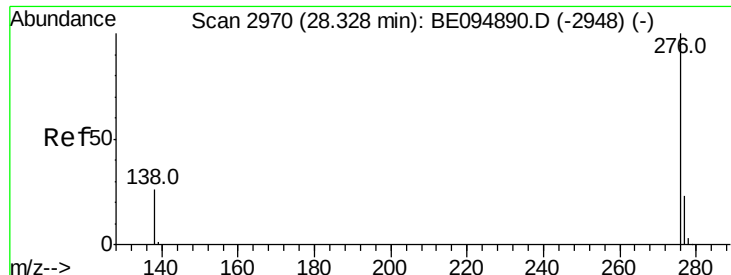
139 18.2 56.0 84.0#

279 23.6 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: 3.383 ng

RT: 28.33 min Scan# 2971

Delta R.T. 0.00 min

Lab File: BE094893.D

Acq: 30 Nov 2017 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

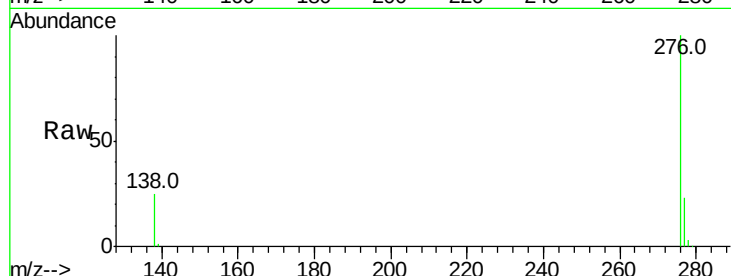
Tot Ion:276 Resp: 232350

Ion Ratio Lower Upper

276 100

277 23.2 52.0 78.0#

138 24.9 44.0 66.0#



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

