

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
 Data File : BE094888.D
 Acq On : 30 Nov 2017 12:37
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 30 15:22:01 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 15:20:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8519	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17422	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9435	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	24115	0.40	ng	0.00
27) Chrysene-d12	21.88	240	28957	0.40	ng	0.00
34) Perylene-d12	24.56	264	24598	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	1368	0.05	ng	0.00
5) Phenol-d6	7.59	99	1967	0.04	ng	0.00
8) Nitrobenzene-d5	9.67	82	820	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	2733	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	166	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	4033	0.12	ng	0.00
25) Fluoranthene-d10	19.76	212	33490	0.05	ng	0.00
29) Terphenyl-d14	20.33	244	5369	0.10	ng	0.00

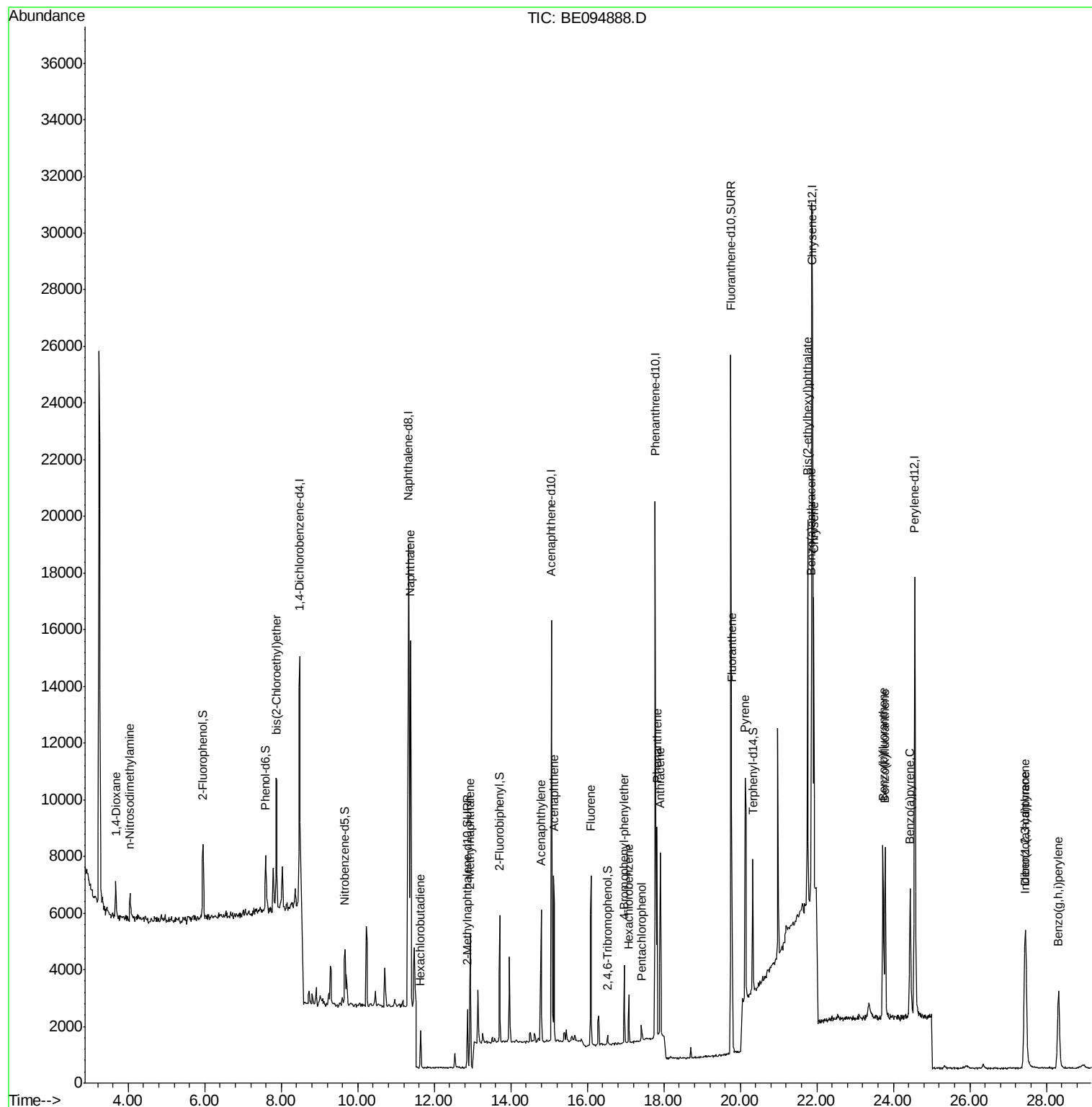
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.68	88	1106	0.077	ng	# 89
3) n-Nitrosodimethylamine	4.04	42	1132	0.082	ng	# 66
6) bis(2-Chloroethyl)ether	7.88	93	2042	0.060	ng	# 86
9) Naphthalene	11.38	128	20689	0.105	ng	100
10) Hexachlorobutadiene	11.64	225	873	0.122	ng	97
12) 2-Methylnaphthalene	12.94	142	5445	0.163	ng	97
16) Acenaphthylene	14.79	152	5305	0.107	ng	98
17) Acenaphthene	15.12	154	3561	0.111	ng	96
18) Fluorene	16.10	166	4393	0.107	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	1355	0.103	ng	# 72
21) Hexachlorobenzene	17.09	284	1290	0.112	ng	# 78
22) Pentachlorophenol	17.41	266	276	0.187	ng	85
23) Phenanthrene	17.82	178	7656	0.070	ng	# 93
24) Anthracene	17.91	178	8634	0.122	ng	# 78
26) Fluoranthene	19.78	202	9531	0.045	ng	99
28) Pyrene	20.13	202	10036	0.099	ng	94
30) Benzo(a)anthracene	21.85	228	9182	0.097	ng	# 63
31) Chrysene	21.92	228	10351	0.108	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	15961	0.069	ng	100
33) Indeno(1,2,3-cd)pyrene	27.43	276	8236	0.093	ng	99
35) Benzo(b)fluoranthene	23.73	252	9153	0.115	ng	# 48
36) Benzo(k)fluoranthene	23.78	252	8796	0.104	ng	# 46
37) Benzo(a)pyrene	24.44	252	7595	0.098	ng	# 39
38) Dibenzo(a,h)anthracene	27.46	278	6713	0.097	ng	# 48
39) Benzo(g,h,i)perylene	28.32	276	7015	0.108	ng	# 55

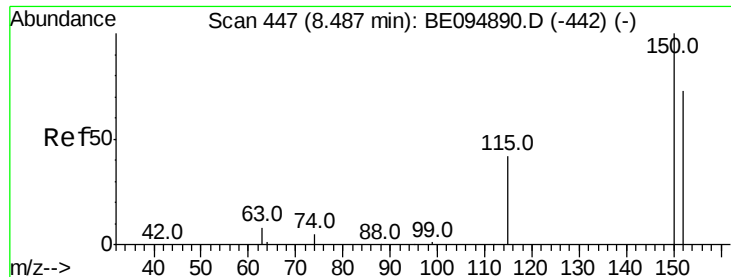
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

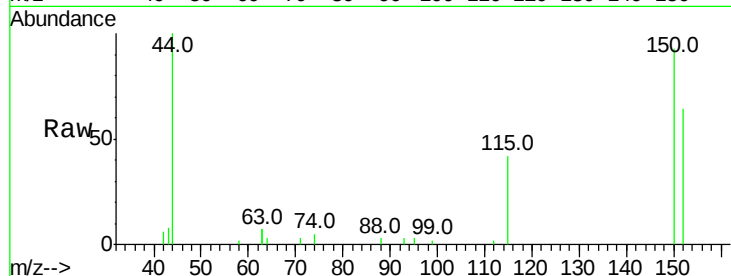
Tot Ion:152 Resp: 8519

Ion Ratio Lower Upper

152 100

150 144.6 117.2 175.8

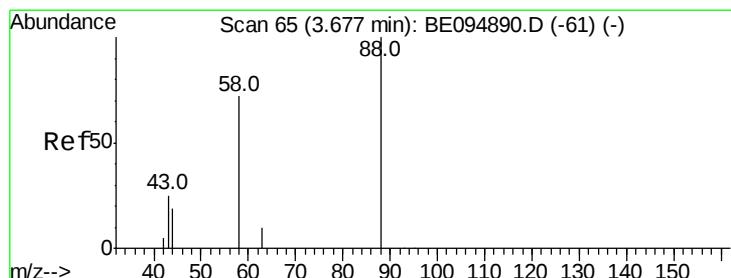
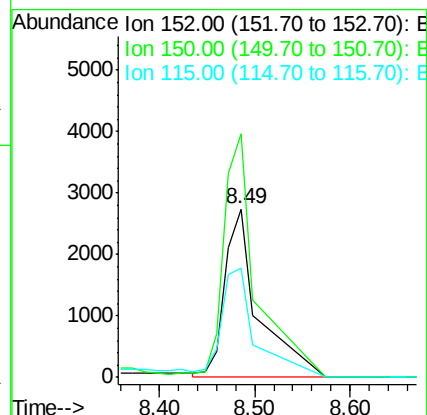
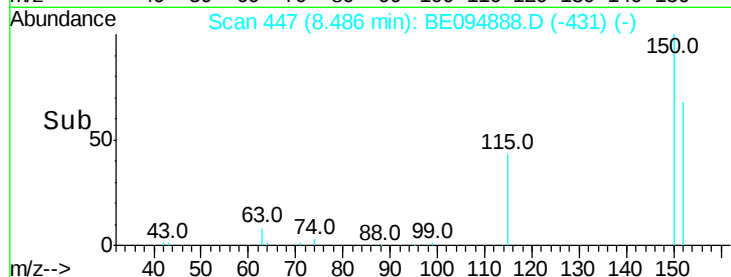
115 65.2 57.0 85.6



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: 0.077 ng

RT: 3.68 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

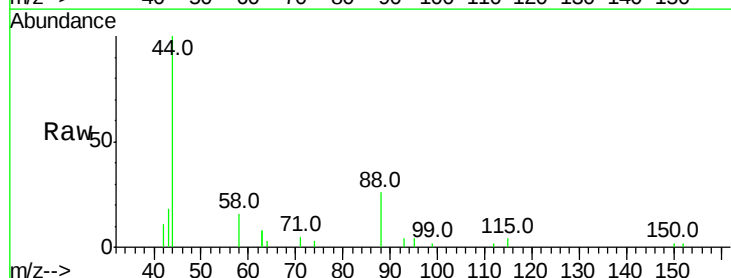
Tgt Ion: 88 Resp: 1106

Ion Ratio Lower Upper

88 100

58 74.4 63.2 94.8

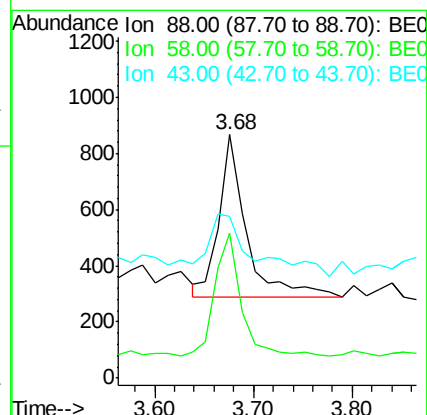
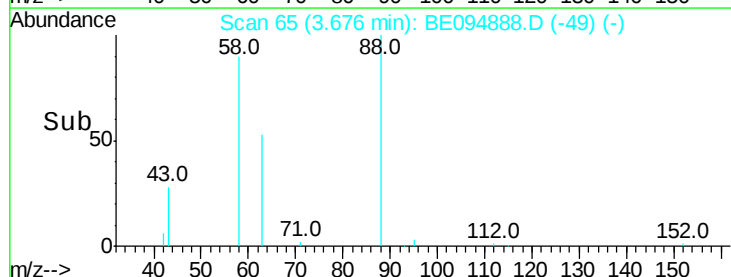
43 65.2 41.2 61.8#

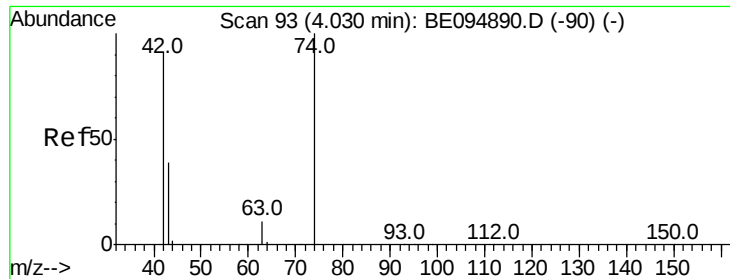


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



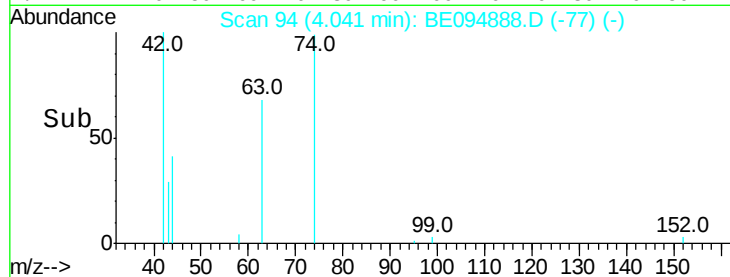
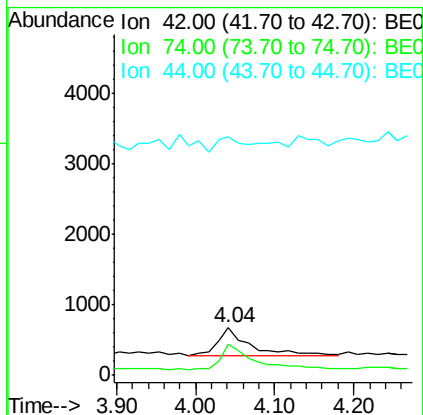
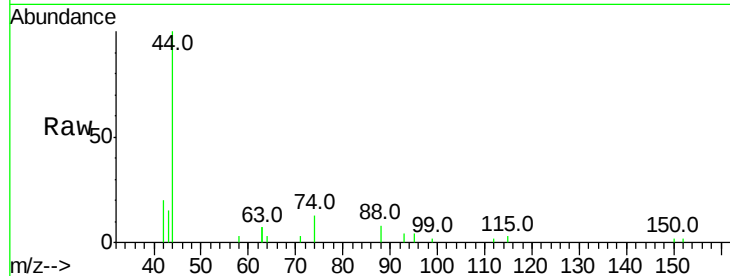


#3

n-Nitrosodimethylamine
 Concen: 0.082 ng
 RT: 4.04 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BE094888.D
 Acq: 30 Nov 2017 12:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

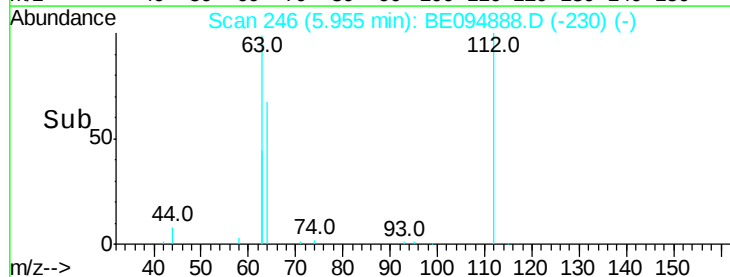
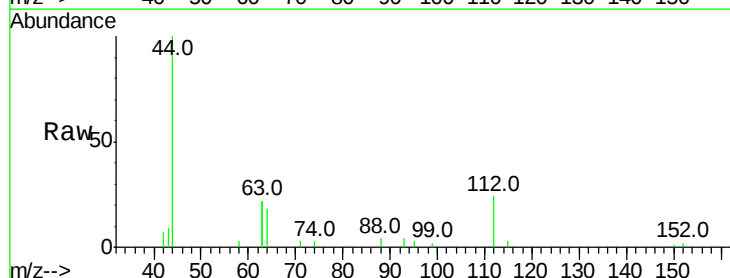
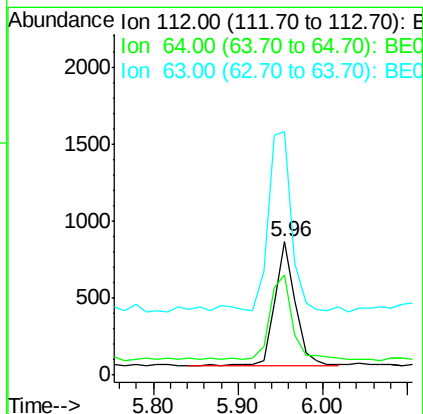
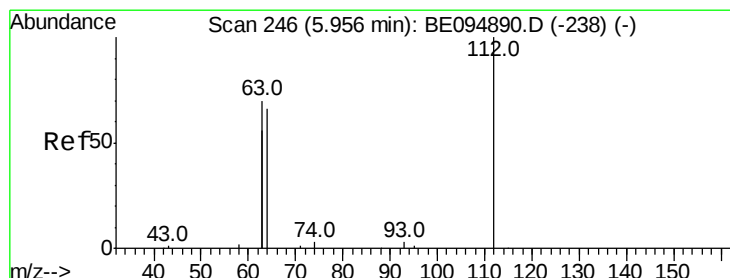
Tot Ion: 42 Resp: 1132
 Ion Ratio Lower Upper
 42 100
 74 88.7 100.3 150.5#
 44 41.4 17.0 25.4#

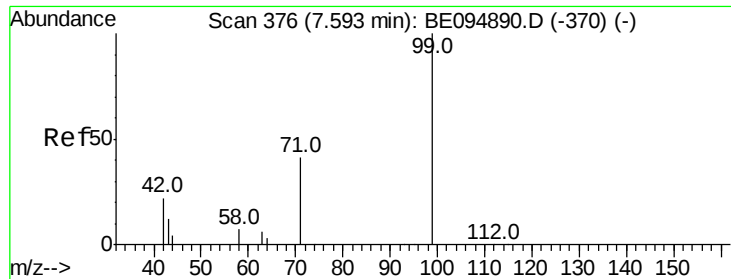


#4

2-Fluorophenol
 Concen: 0.047 ng
 RT: 5.96 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BE094888.D
 Acq: 30 Nov 2017 12:37

Tgt Ion: 112 Resp: 1368
 Ion Ratio Lower Upper
 112 100
 64 76.5 60.1 90.1
 63 160.7 116.8 175.2





#5

Phenol-d6

Concen: 0.045 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

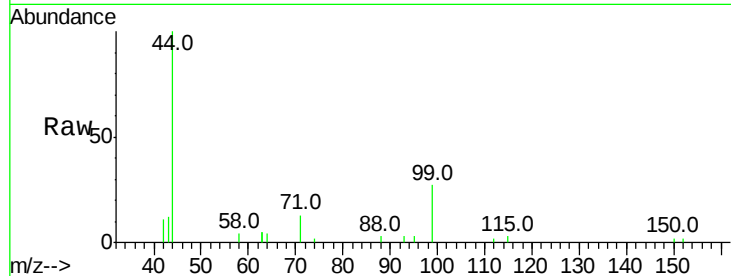
Tot Ion: 99 Resp: 1967

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

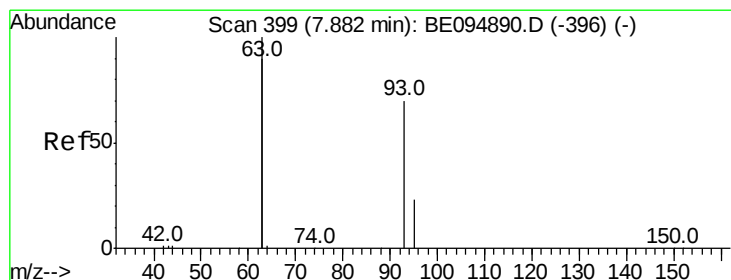
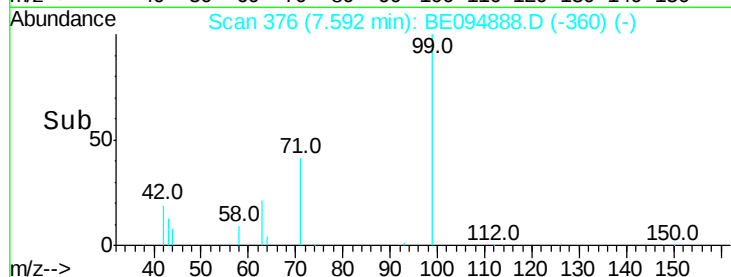
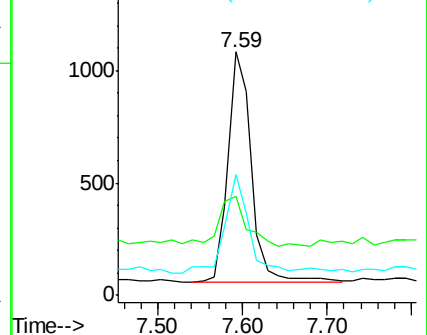
71 44.8 28.4 42.6#



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: 0.060 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

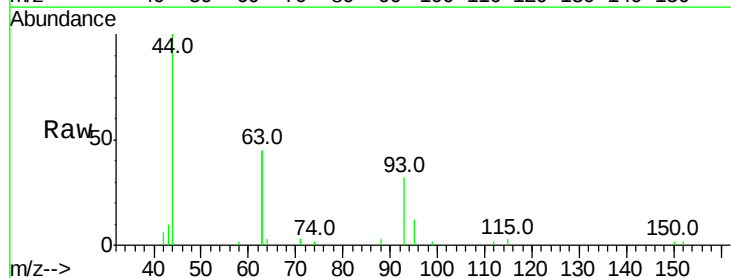
Tgt Ion: 93 Resp: 2042

Ion Ratio Lower Upper

93 100

63 311.1 275.3 412.9

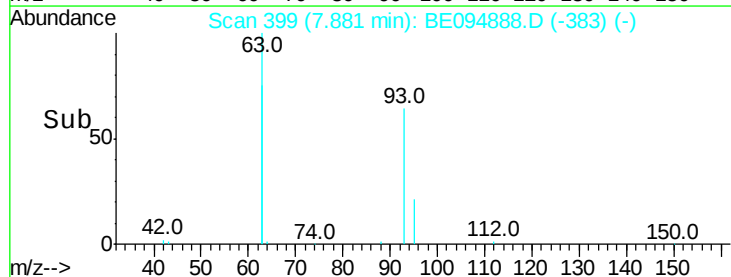
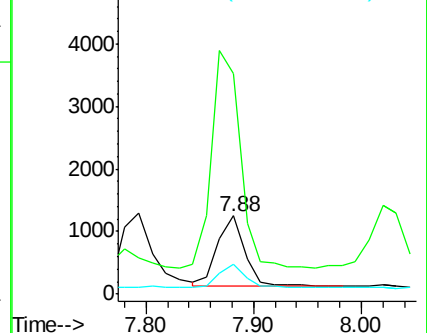
95 33.3 25.2 37.8

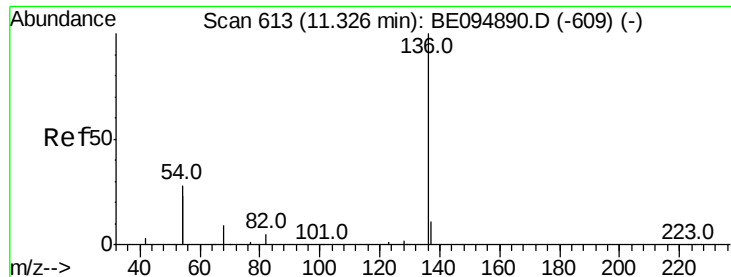


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 17422

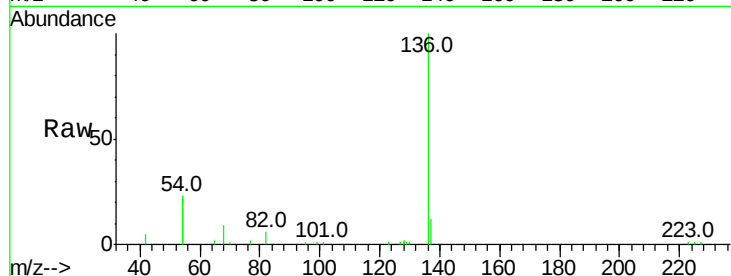
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 46.3 29.1 43.7#

68 9.4 6.2 9.2#

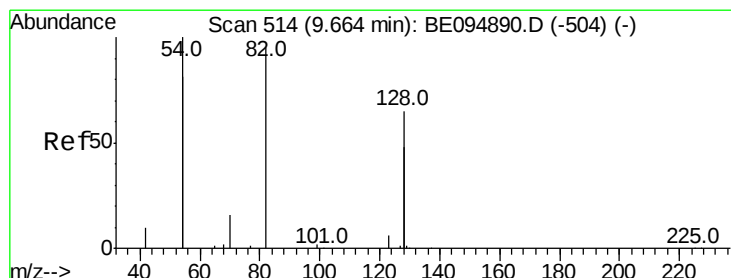
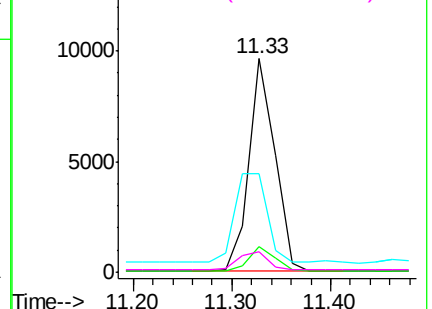
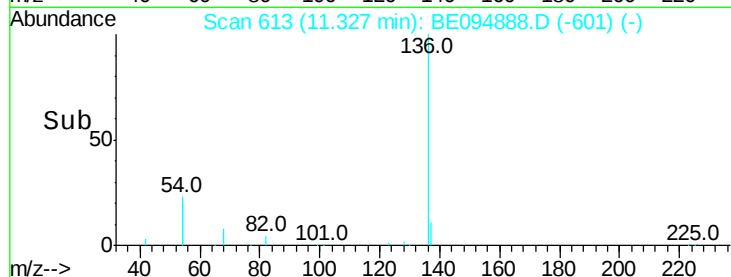


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.059 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

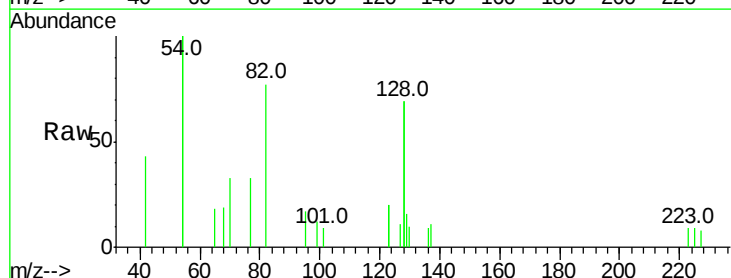
Tgt Ion: 82 Resp: 820

Ion Ratio Lower Upper

82 100

128 178.8 150.0 225.0

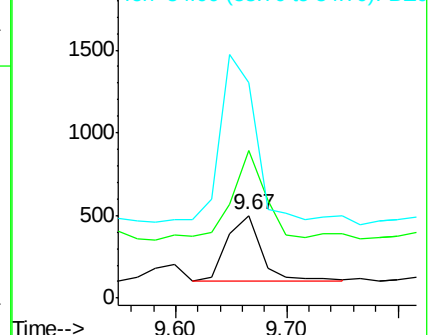
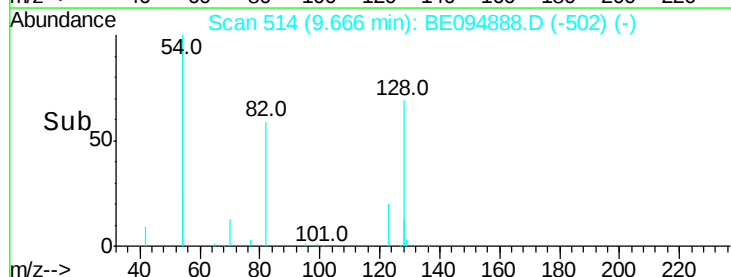
54 259.5 154.2 231.4#

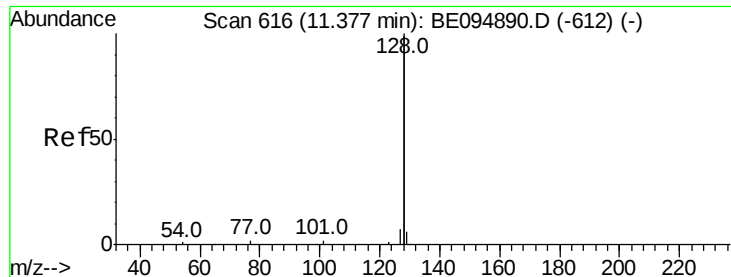


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.105 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

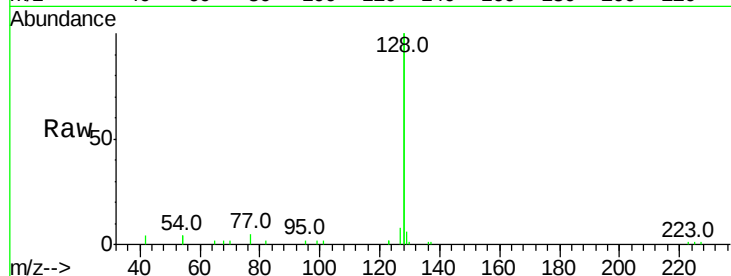
Tot Ion:128 Resp: 20689

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

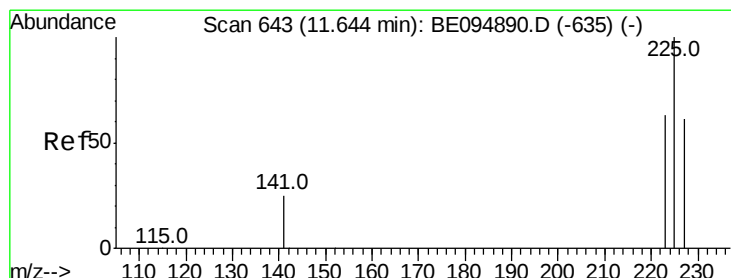
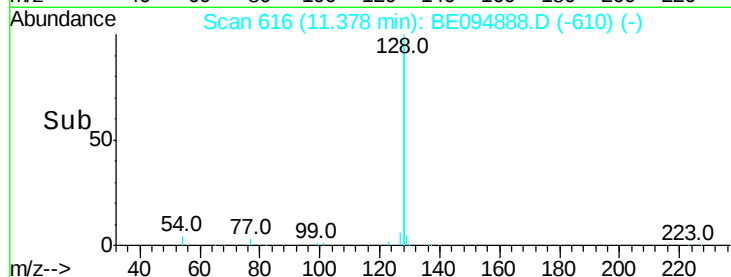
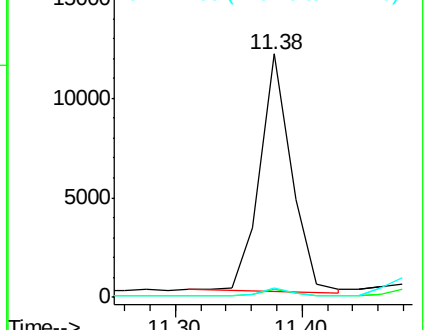
127 3.8 2.8 4.2



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: 0.122 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

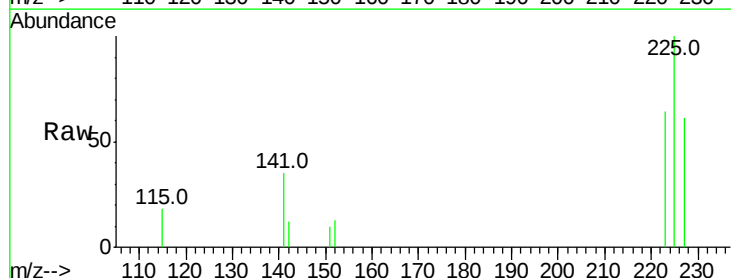
Tgt Ion:225 Resp: 873

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

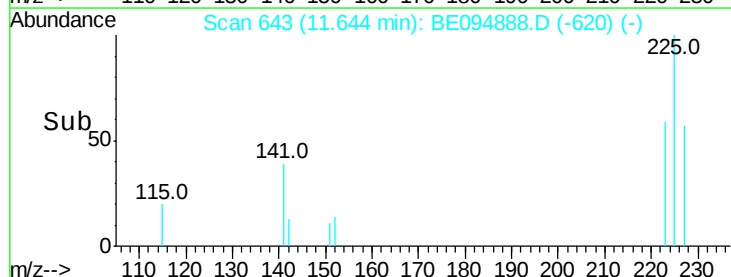
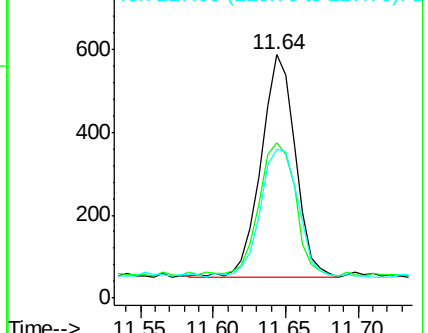
227 66.0 51.4 77.2

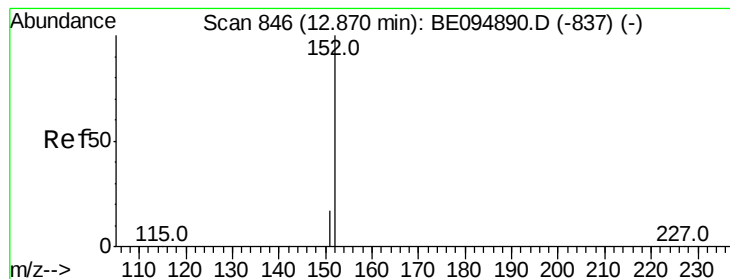


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.098 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

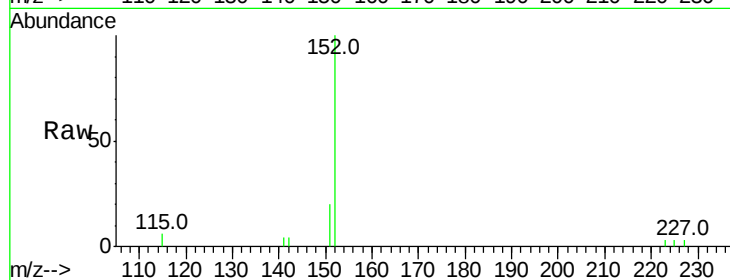
SSTDIC0.1

Tot Ion:152 Resp: 2733

Ion Ratio Lower Upper

152 100

151 20.1 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

2000

1500

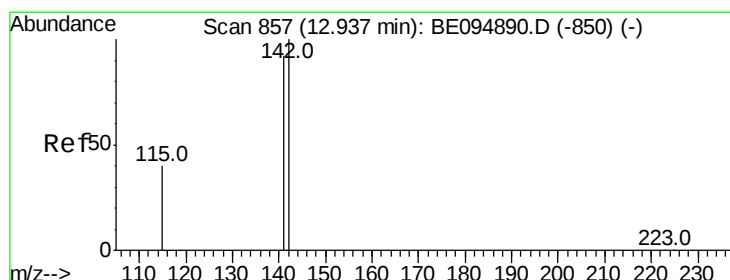
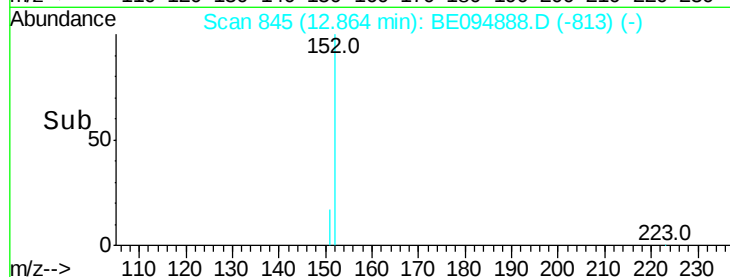
1000

500

0

12.80 12.85 12.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.163 ng

RT: 12.94 min Scan# 857

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

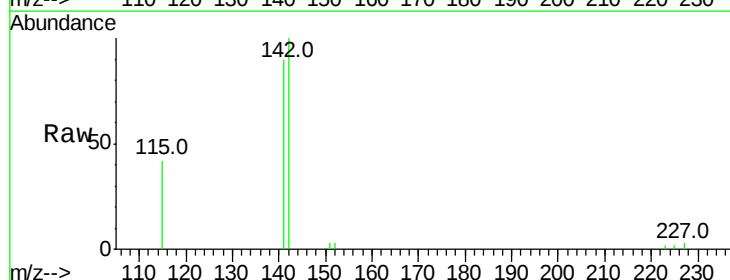
Tgt Ion:142 Resp: 5445

Ion Ratio Lower Upper

142 100

141 90.3 70.4 105.6

115 42.0 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

12.94

3000

2500

2000

1500

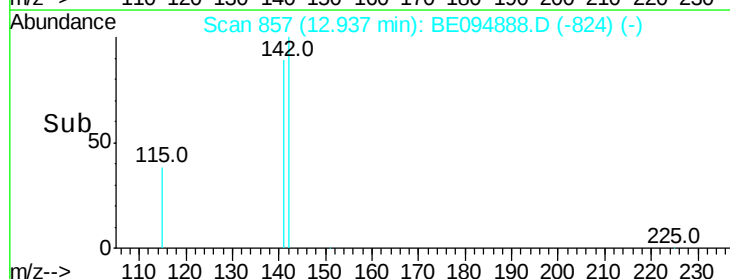
1000

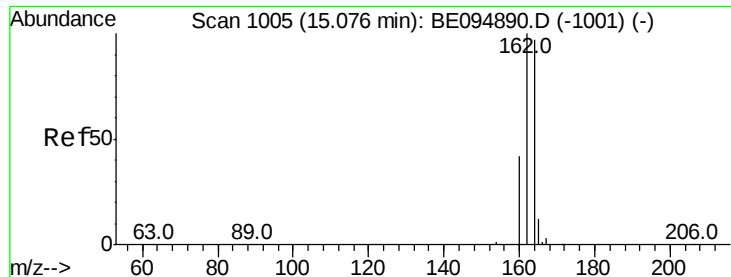
500

0

12.90 13.00 13.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

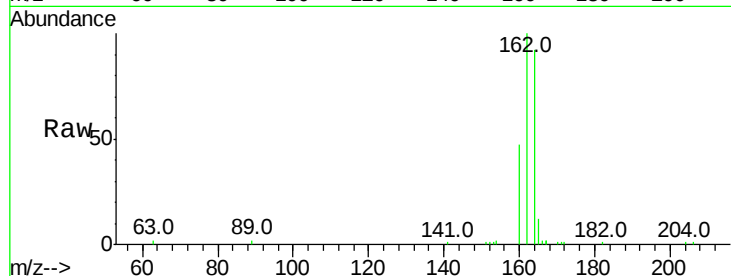
Tot Ion:164 Resp: 9435

Ion Ratio Lower Upper

164 100

162 109.0 83.1 124.7

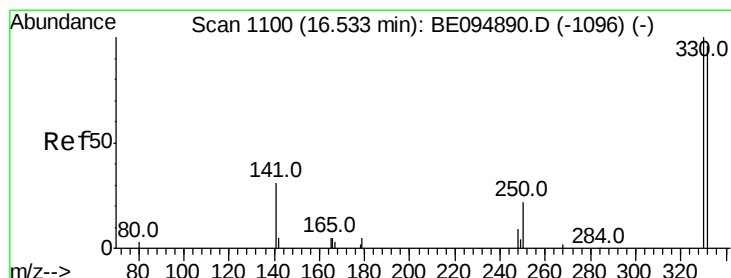
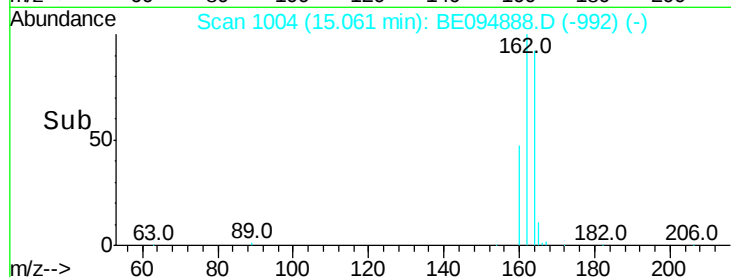
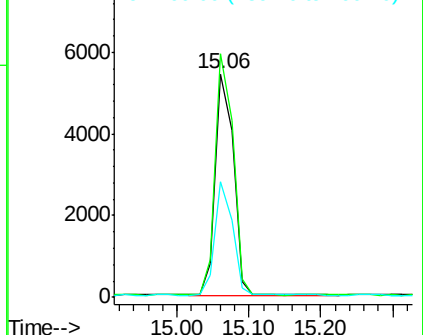
160 51.6 37.1 55.7



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: 0.064 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

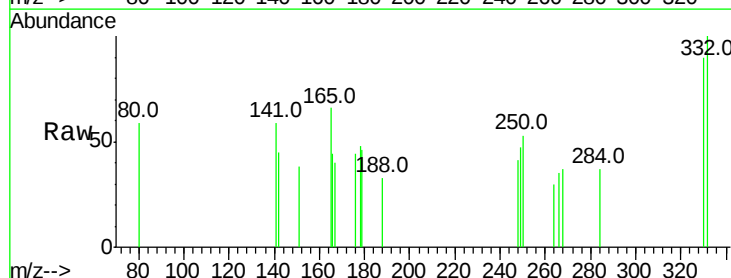
Tgt Ion:330 Resp: 166

Ion Ratio Lower Upper

330 100

332 113.3 152.7 229.1#

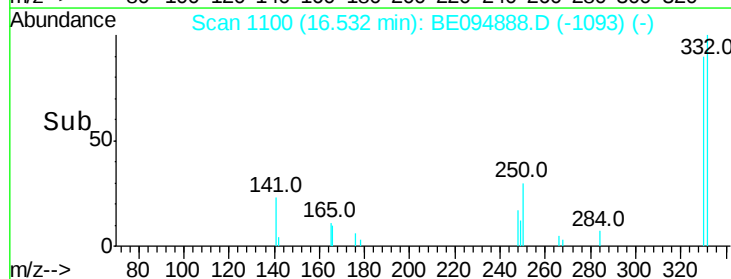
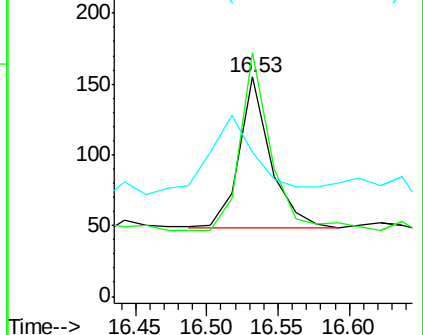
141 78.9 33.7 50.5#

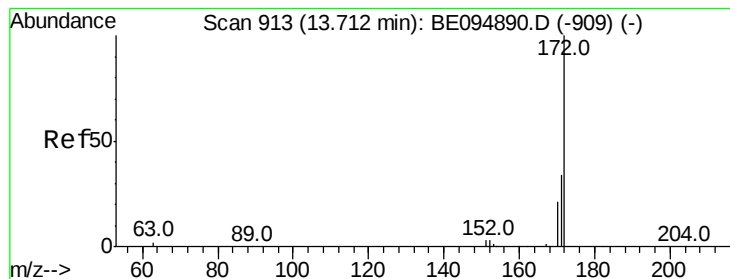


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.121 ng

RT: 13.71 min Scan# 913

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

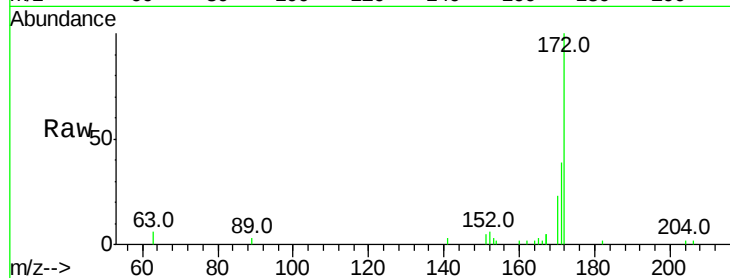
Tot Ion:172 Resp: 4033

Ion Ratio Lower Upper

172 100

171 38.6 29.9 44.9

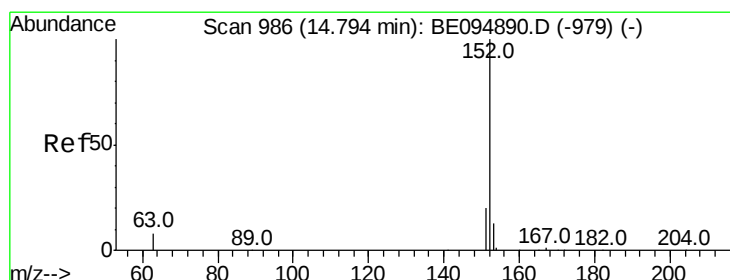
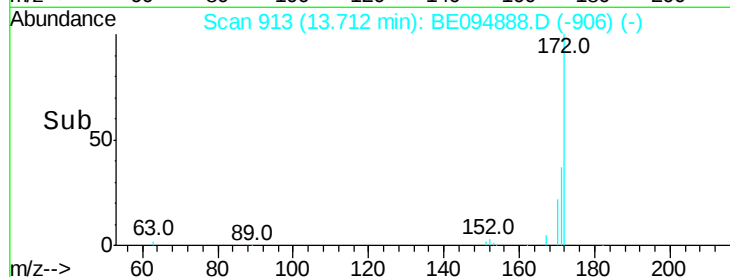
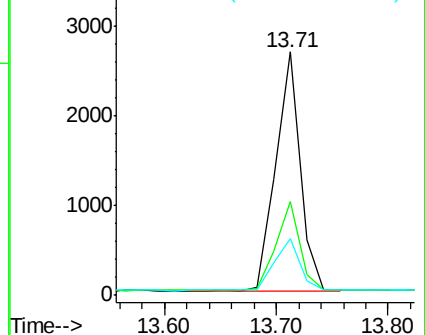
170 23.4 21.8 32.8



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: 0.107 ng

RT: 14.79 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

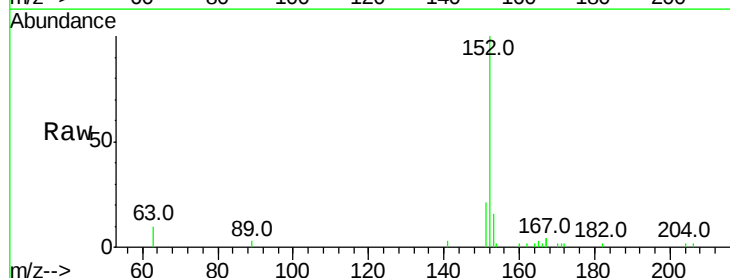
Tgt Ion:152 Resp: 5305

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

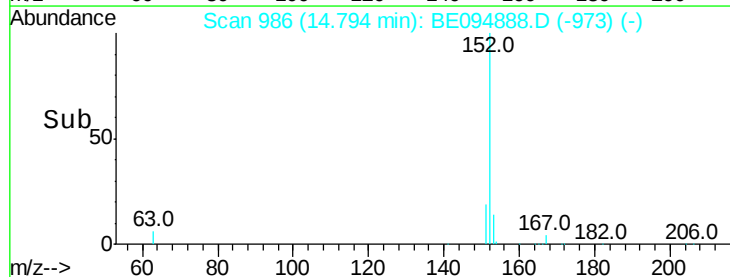
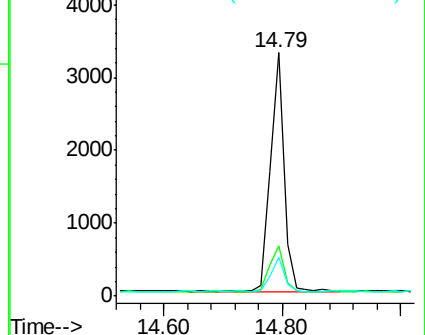
153 14.6 10.5 15.7

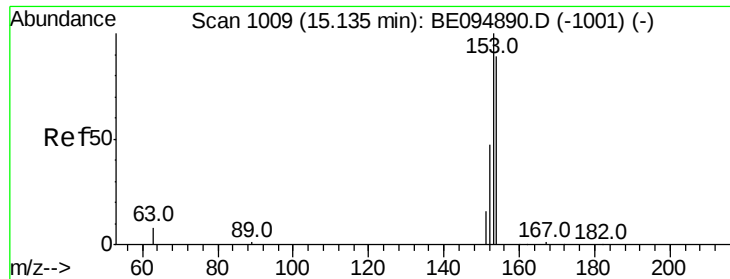


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.111 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

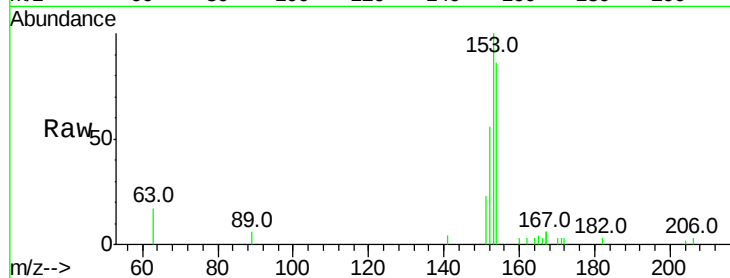
Tot Ion:154 Resp: 3561

Ion Ratio Lower Upper

154 100

153 108.8 89.2 133.8

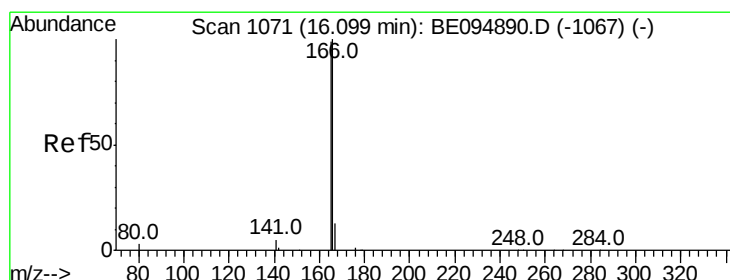
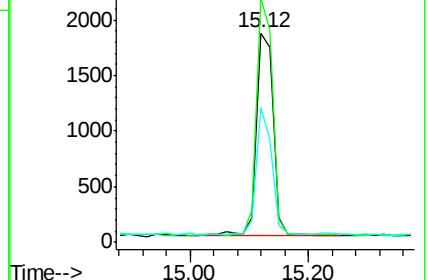
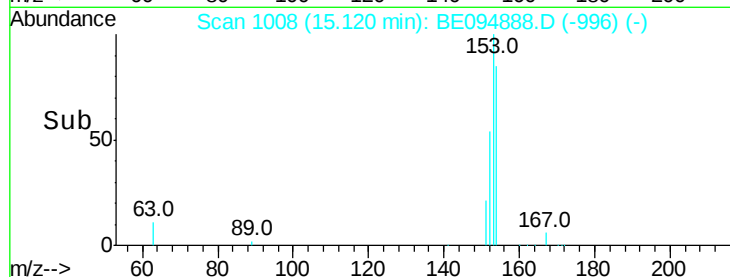
152 58.0 42.0 63.0



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: 0.107 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

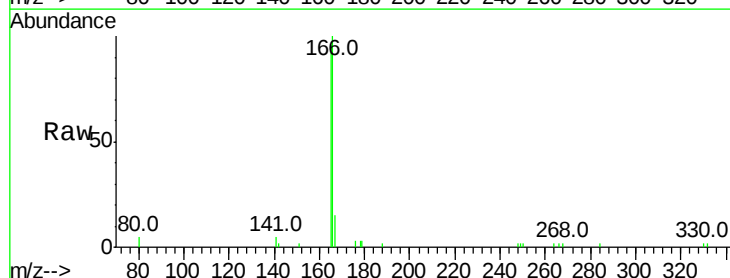
Tgt Ion:166 Resp: 4393

Ion Ratio Lower Upper

166 100

165 96.0 77.8 116.6

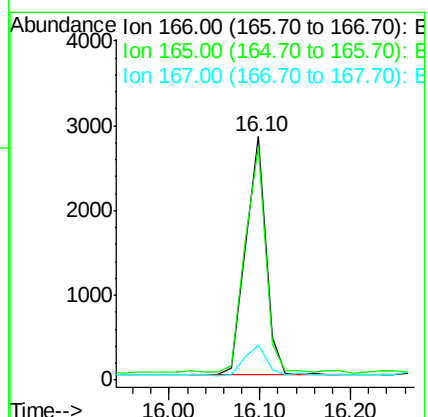
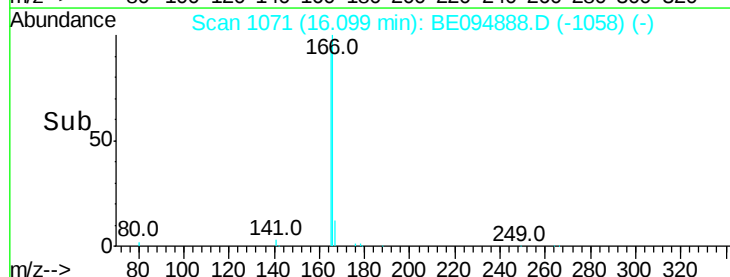
167 14.9 42.4 63.6#

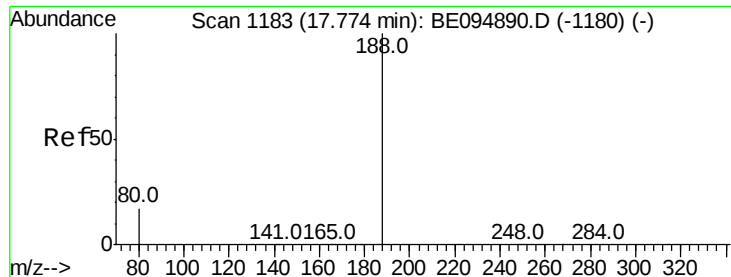


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

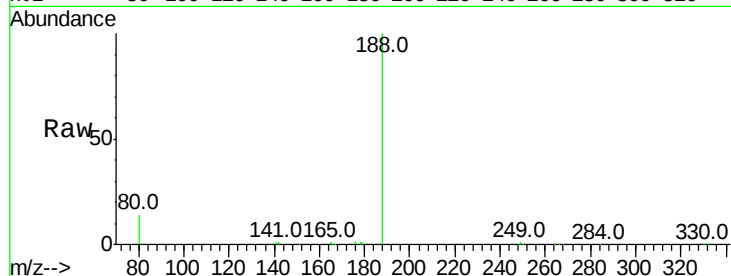
Tot Ion:188 Resp: 24115

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

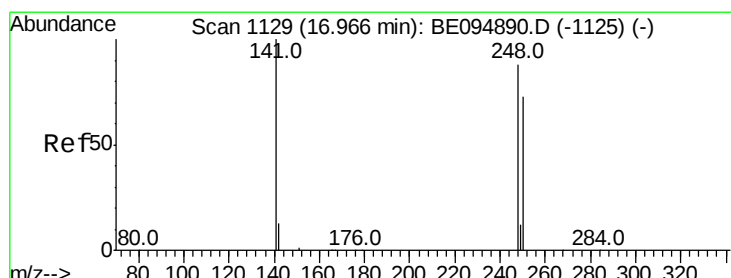
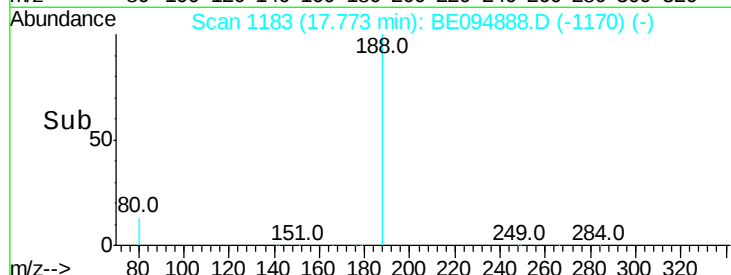
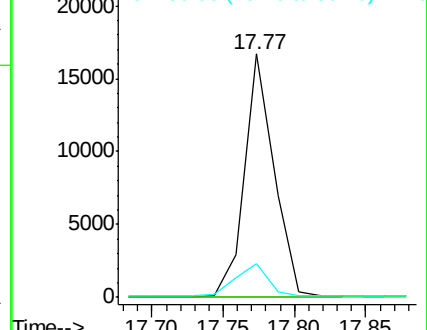
80 13.9 3.6 5.4#



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: 0.103 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

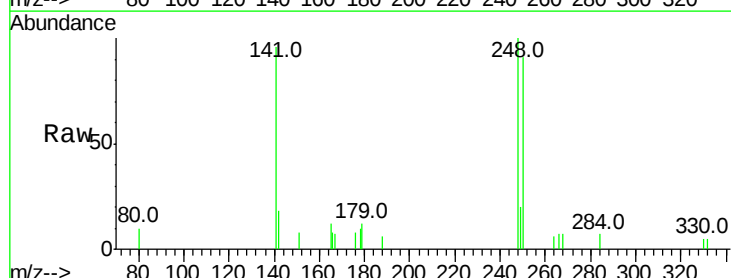
Tgt Ion:248 Resp: 1355

Ion Ratio Lower Upper

248 100

250 90.5 62.7 94.1

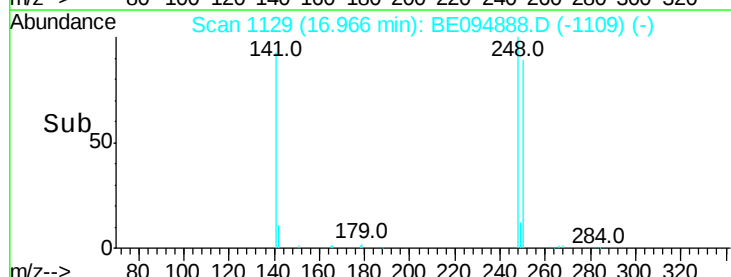
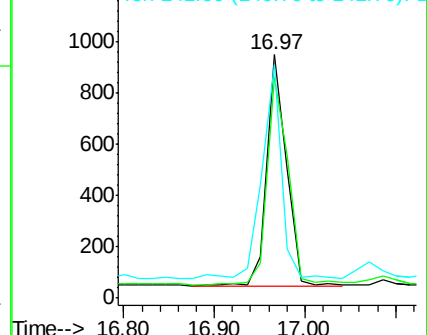
141 96.1 48.2 72.2#

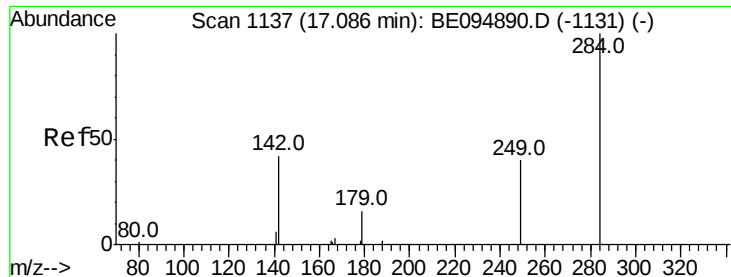


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.112 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

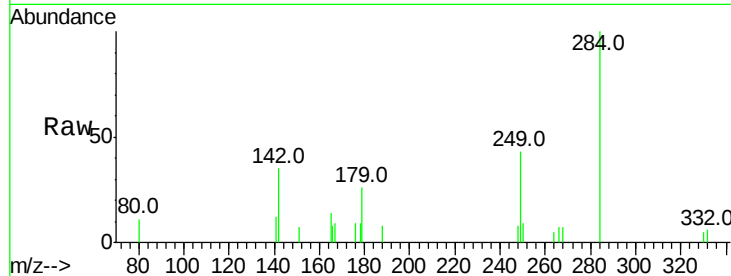
Tot Ion:284 Resp: 1290

Ion Ratio Lower Upper

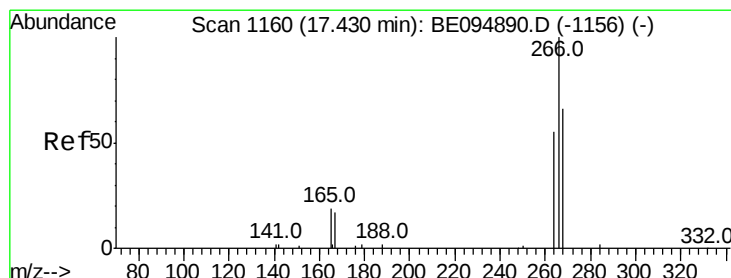
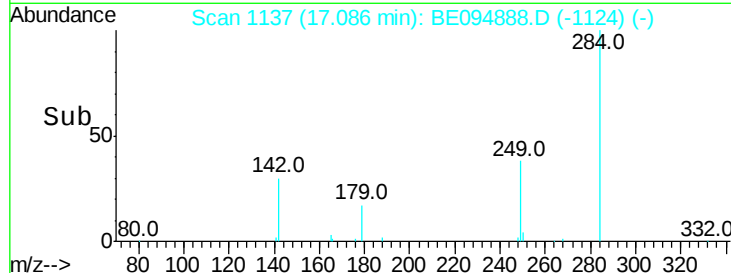
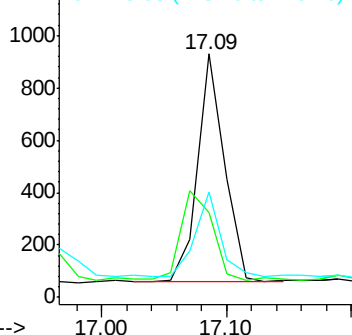
284 100

142 47.1 22.1 33.1#

249 35.9 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: 0.187 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

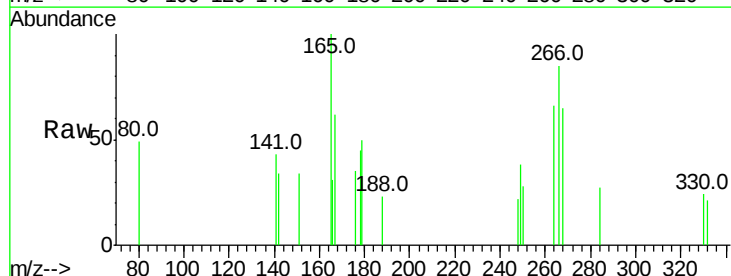
Tgt Ion:266 Resp: 276

Ion Ratio Lower Upper

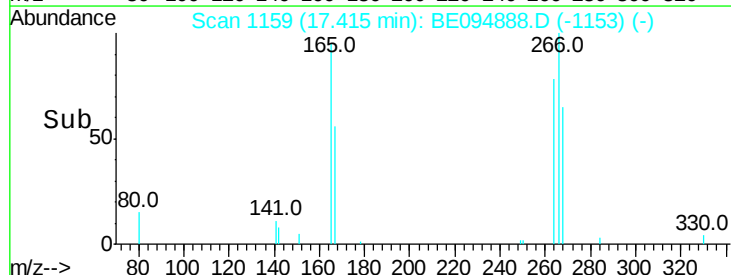
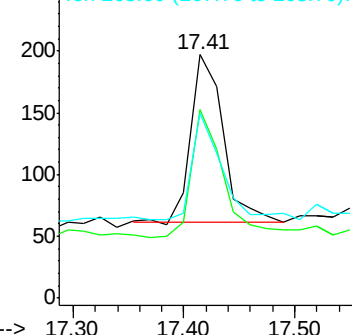
266 100

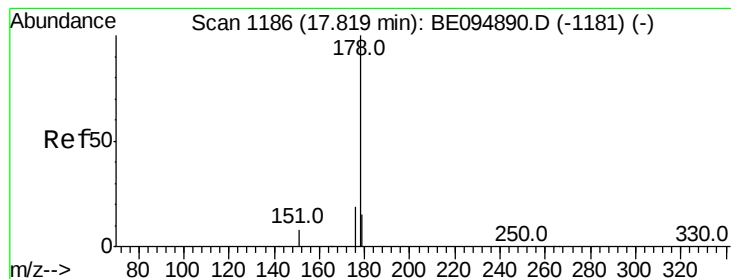
264 77.7 72.5 108.7

268 76.1 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: 0.070 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

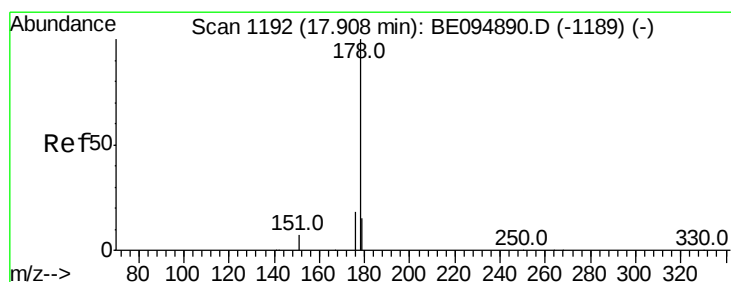
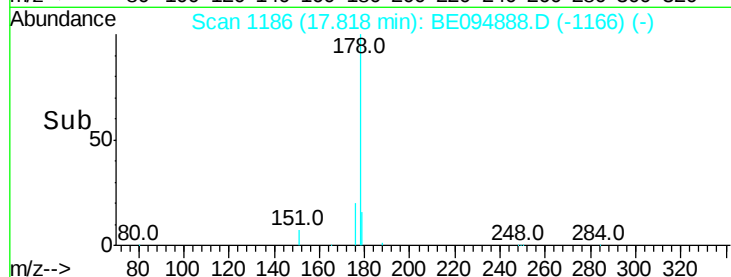
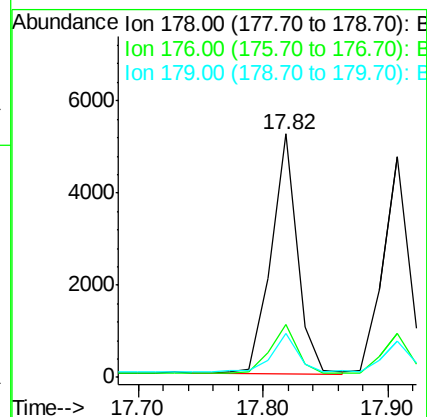
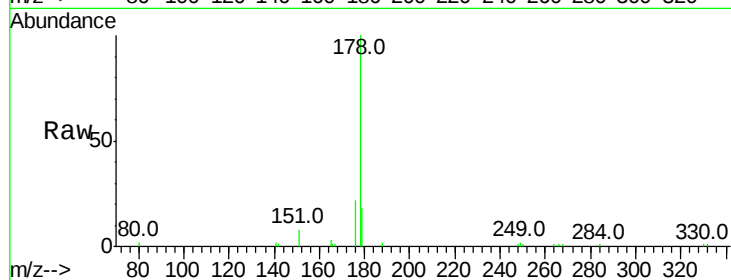
Tot Ion:178 Resp: 7656

Ion Ratio Lower Upper

178 100

176 21.2 15.1 22.7

179 18.3 11.8 17.6#



#24

Anthracene

Concen: 0.122 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

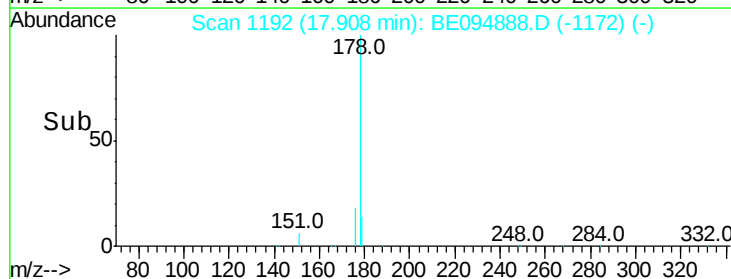
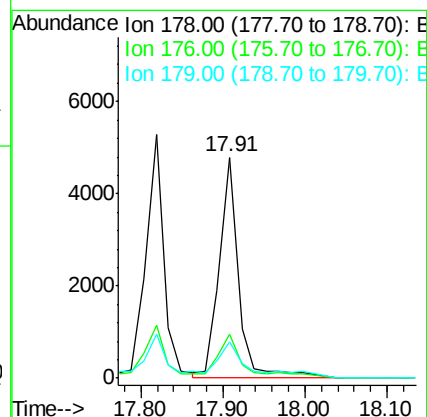
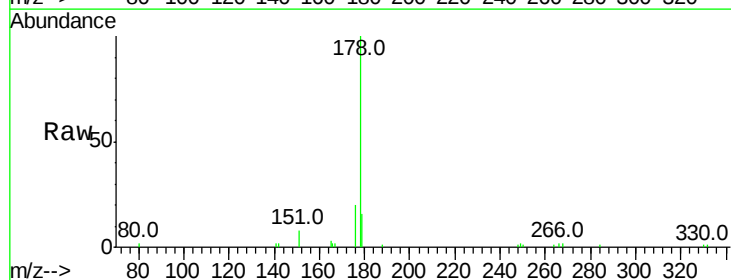
Tgt Ion:178 Resp: 8634

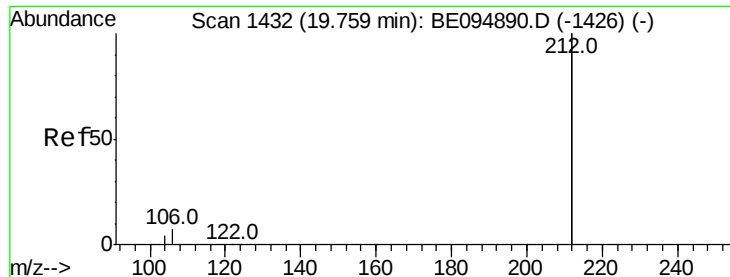
Ion Ratio Lower Upper

178 100

176 26.0 12.8 19.2#

179 25.0 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.051 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

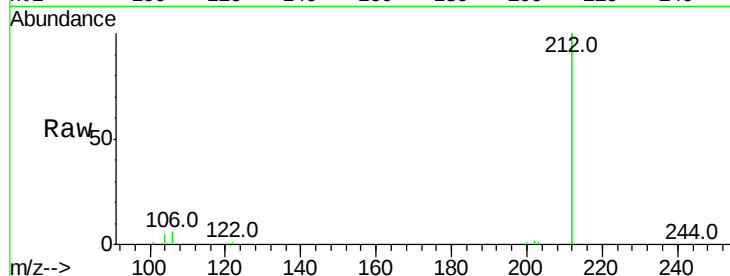
Tot Ion:212 Resp: 33490

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

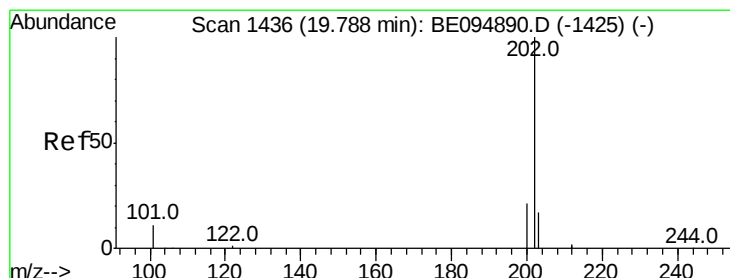
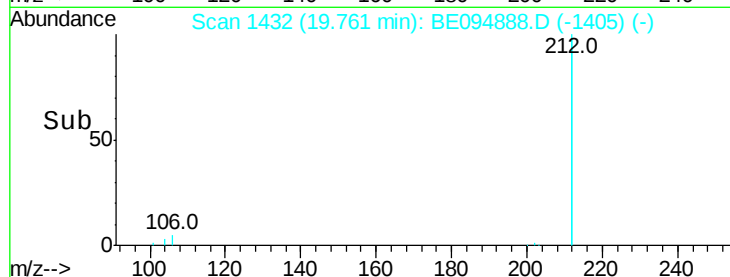
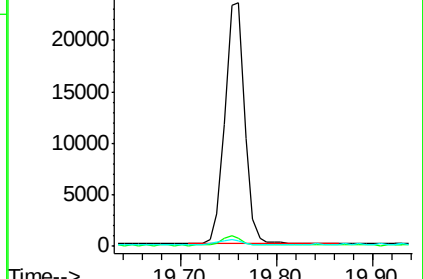
104 2.2 1.6 2.4



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: 0.045 ng

RT: 19.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

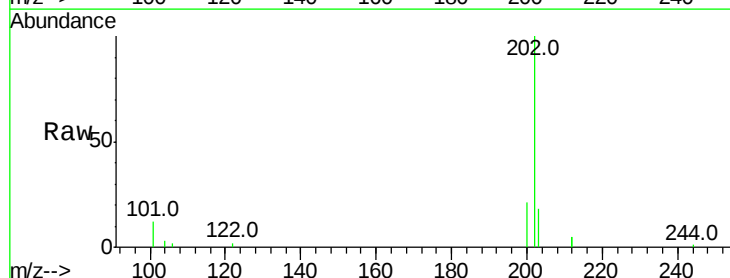
Tgt Ion:202 Resp: 9531

Ion Ratio Lower Upper

202 100

101 13.0 9.8 14.8

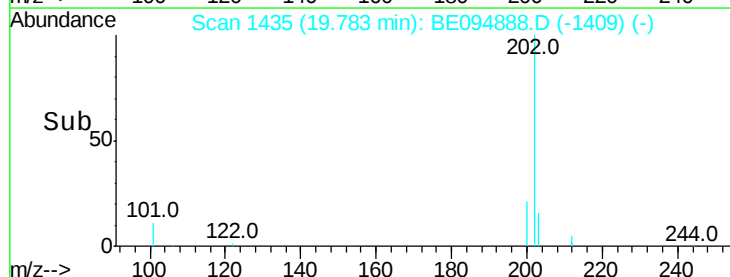
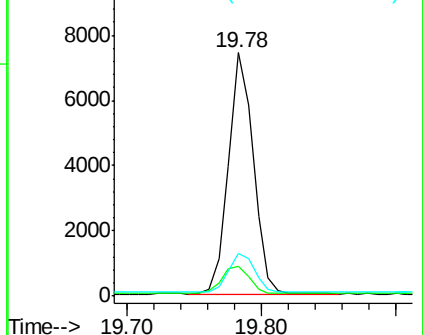
203 17.4 13.7 20.5

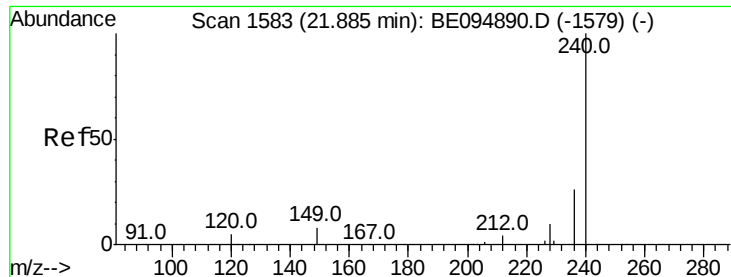


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

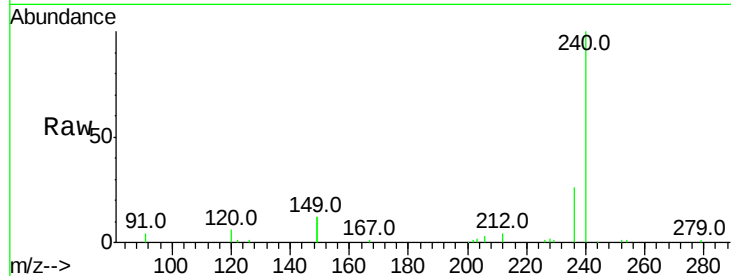




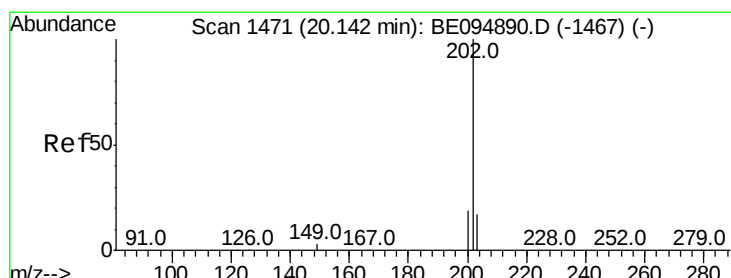
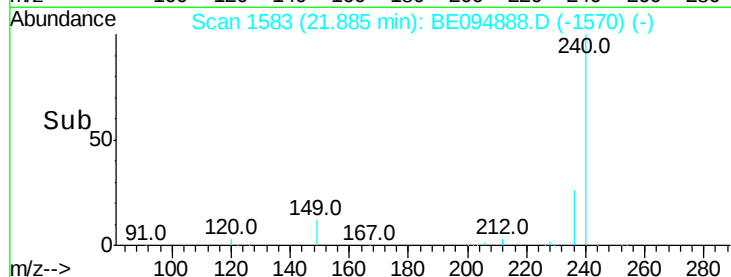
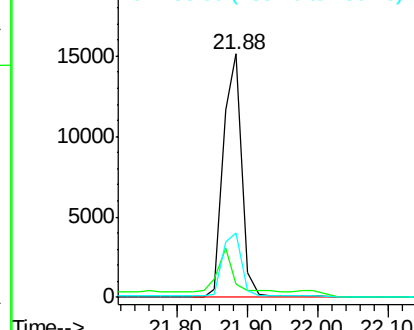
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.88 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BE094888.D
 Acq: 30 Nov 2017 12:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:240 Resp: 28957
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.5 8.3
 236 26.4 20.7 31.1

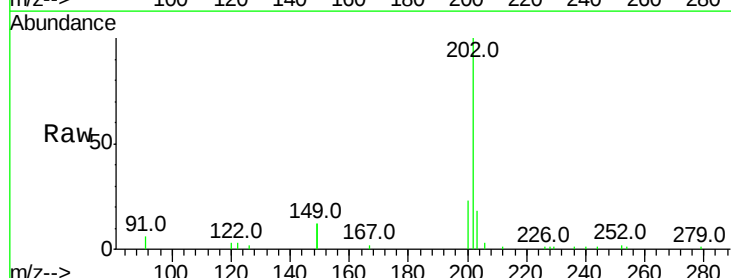


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

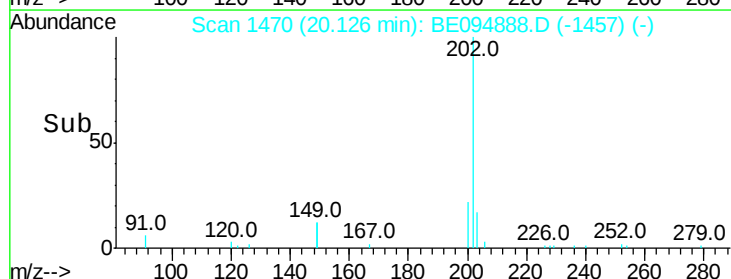
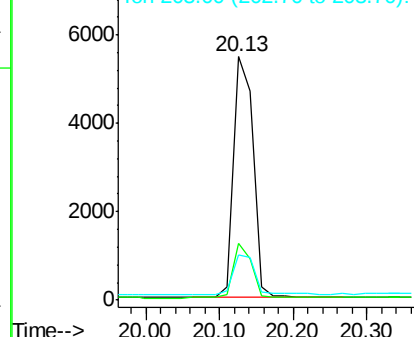


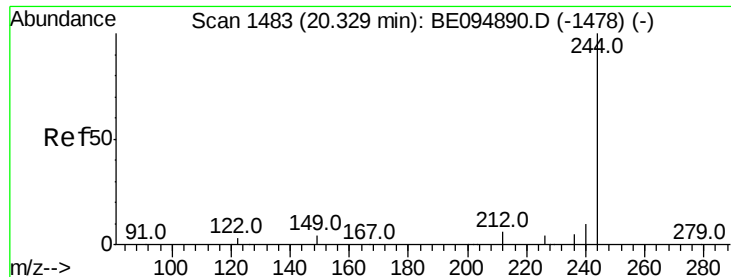
#28
 Pyrene
 Concen: 0.099 ng
 RT: 20.13 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BE094888.D
 Acq: 30 Nov 2017 12:37

Tgt Ion:202 Resp: 10036
 Ion Ratio Lower Upper
 202 100
 200 24.9 16.6 25.0
 203 18.9 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: 0.098 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

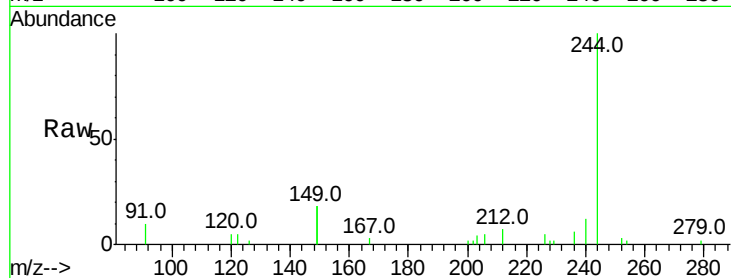
Tot Ion:244 Resp: 5369

Ion Ratio Lower Upper

244 100

212 7.5 25.4 38.0#

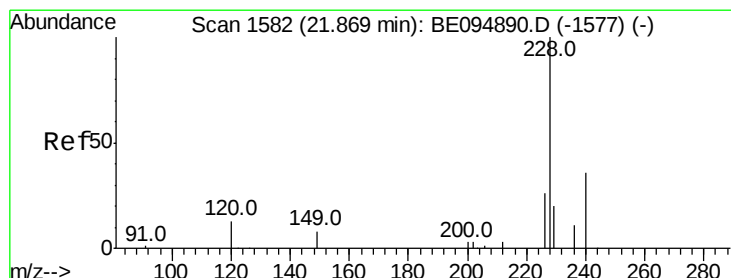
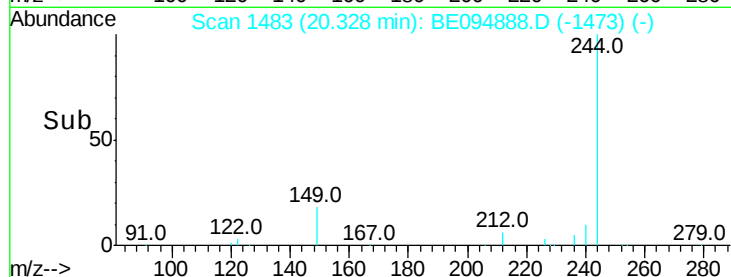
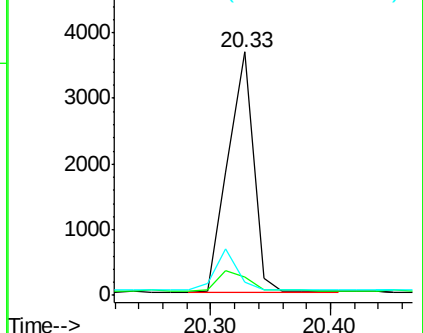
122 5.3 8.1 12.1#



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: 0.097 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

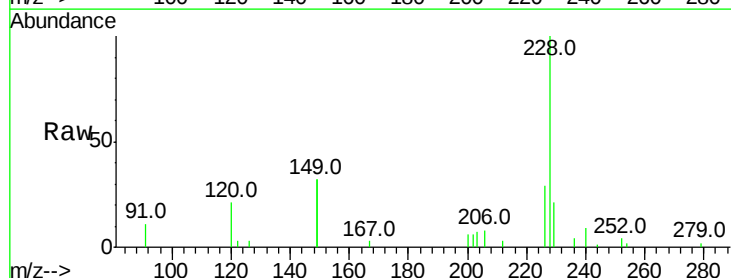
Tgt Ion:228 Resp: 9182

Ion Ratio Lower Upper

228 100

226 28.7 40.0 60.0#

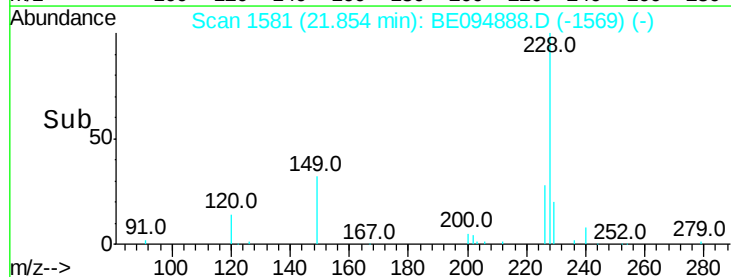
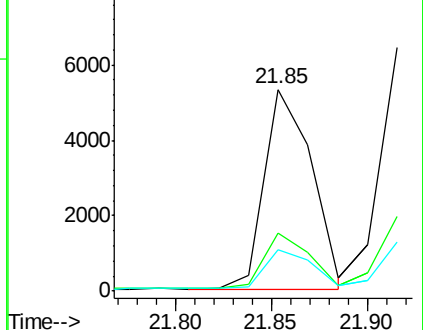
229 20.6 40.0 60.0#

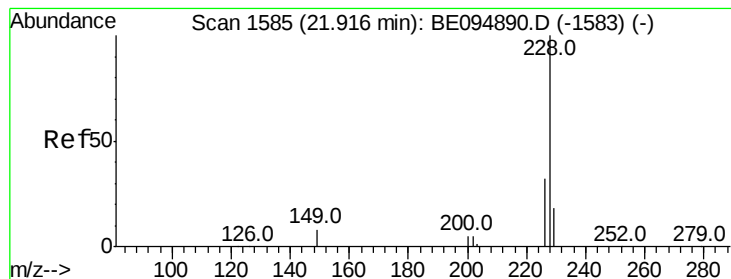


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.108 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

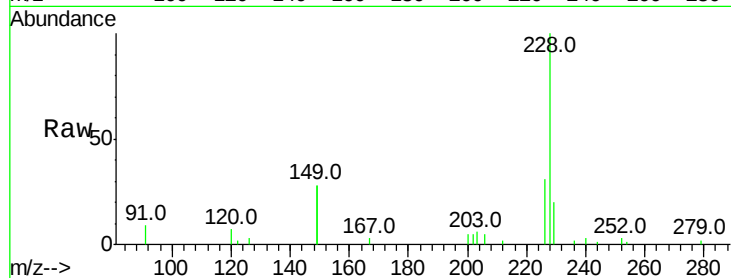
Tot Ion:228 Resp: 10351

Ion Ratio Lower Upper

228 100

226 30.8 40.0 60.0#

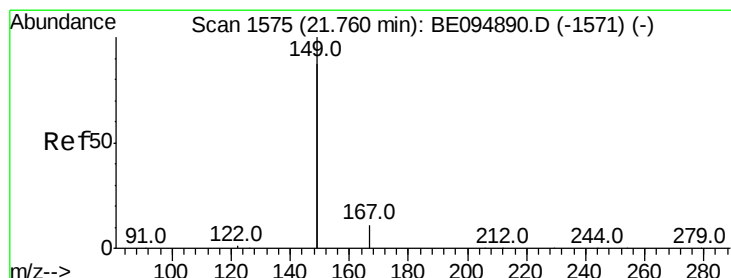
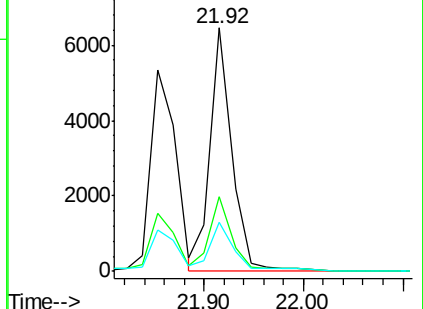
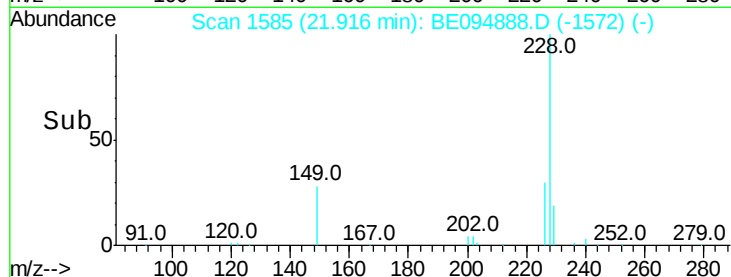
229 20.0 40.0 60.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.069 ng

RT: 21.76 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

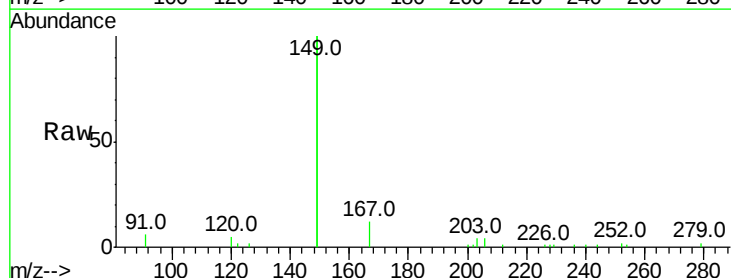
Tgt Ion:149 Resp: 15961

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

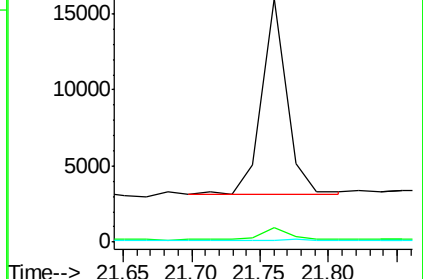
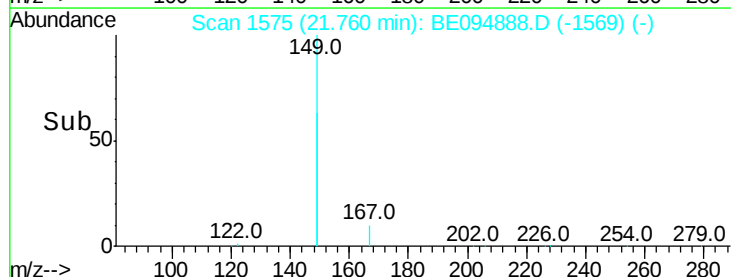
279 0.9 0.7 1.1

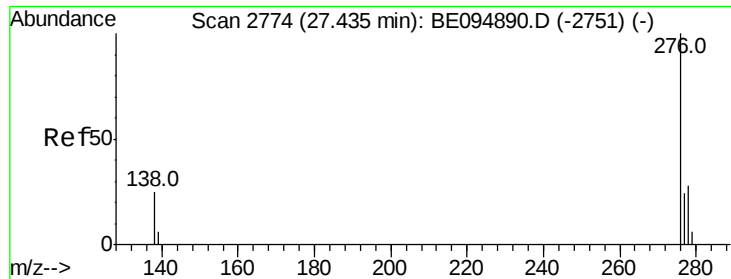


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.093 ng

RT: 27.43 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

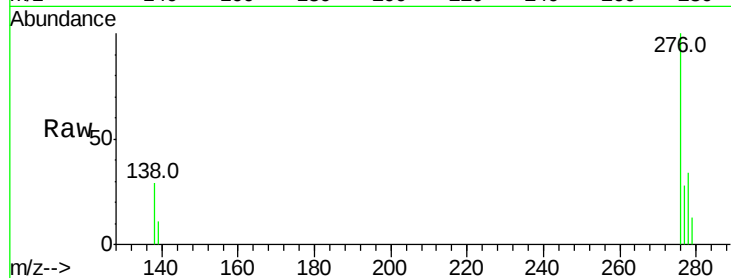
Tot Ion:276 Resp: 8236

Ion Ratio Lower Upper

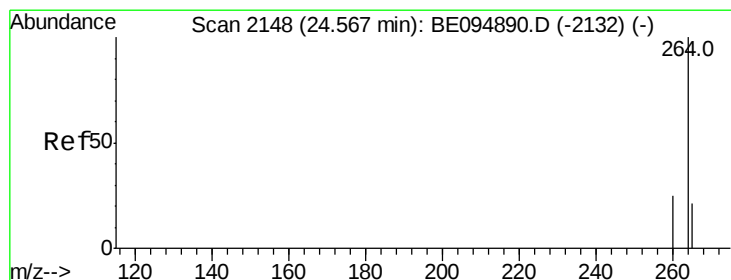
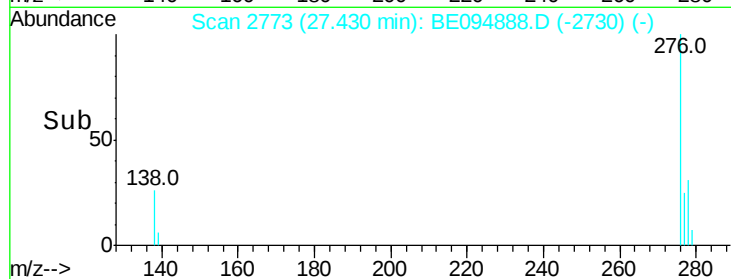
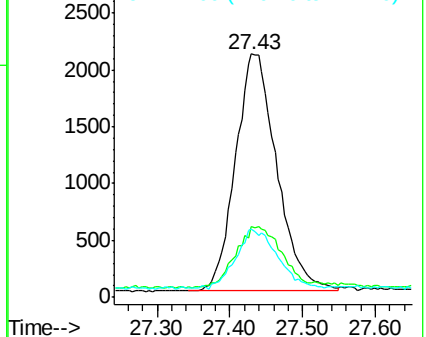
276 100

138 28.5 22.5 33.7

277 25.1 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# 2147

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

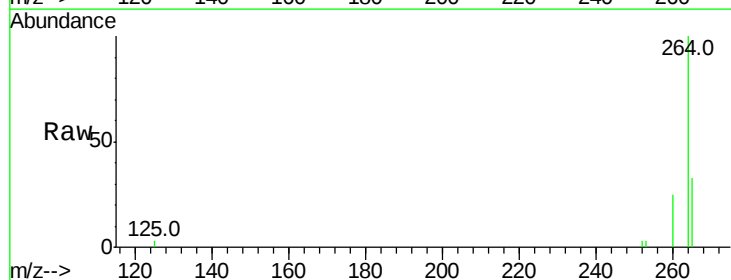
Tgt Ion:264 Resp: 24598

Ion Ratio Lower Upper

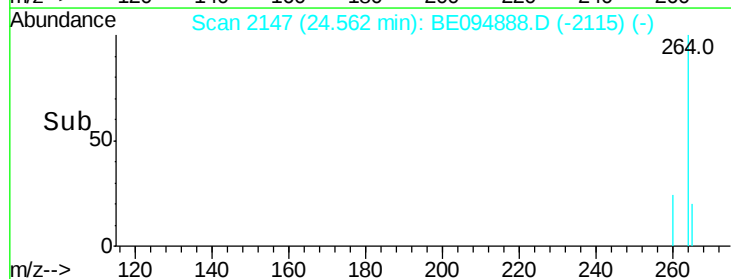
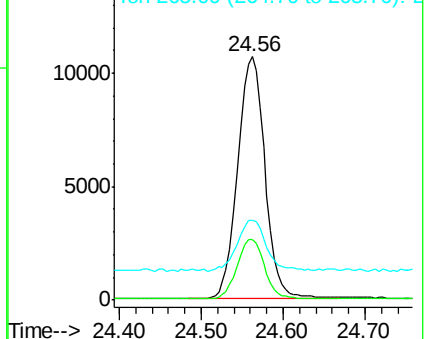
264 100

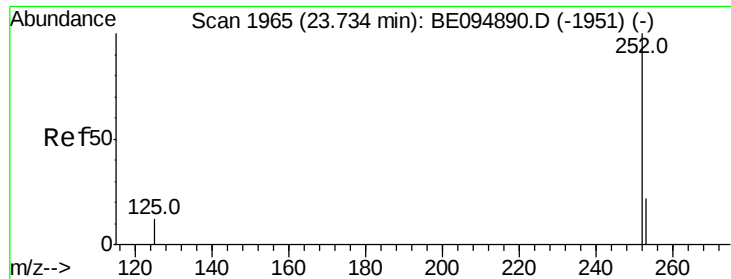
260 24.6 20.5 30.7

265 32.7 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: 0.115 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

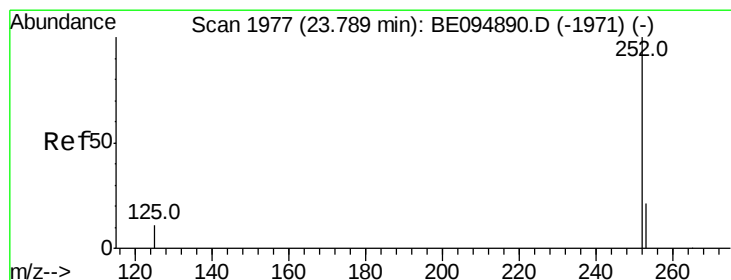
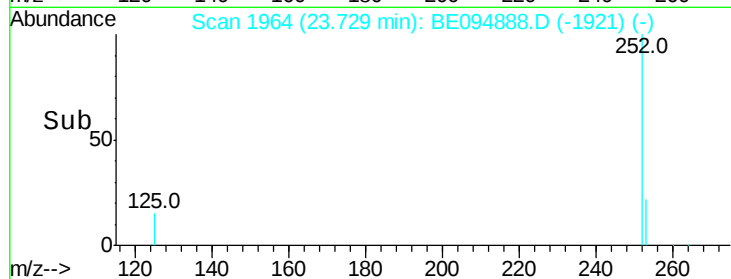
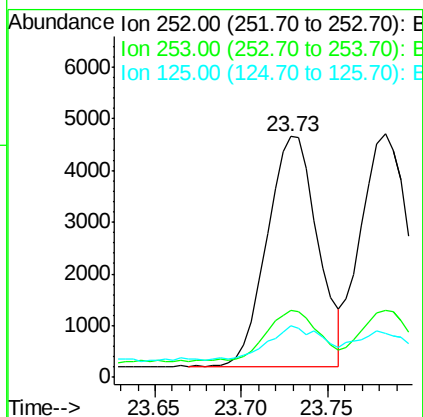
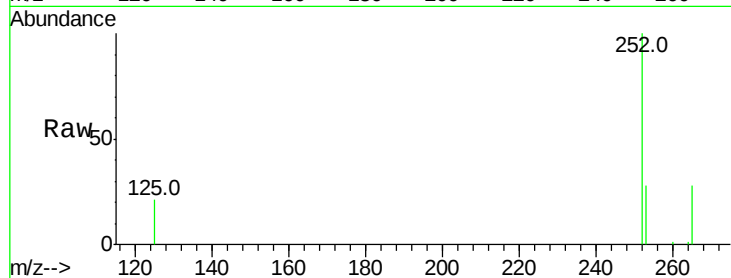
Tot Ion:252 Resp: 9153

Ion Ratio Lower Upper

252 100

253 28.0 48.0 72.0#

125 21.3 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 23.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

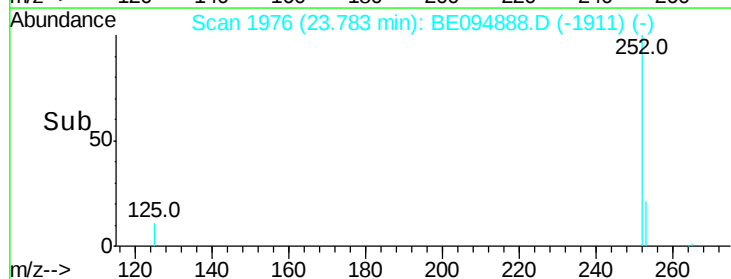
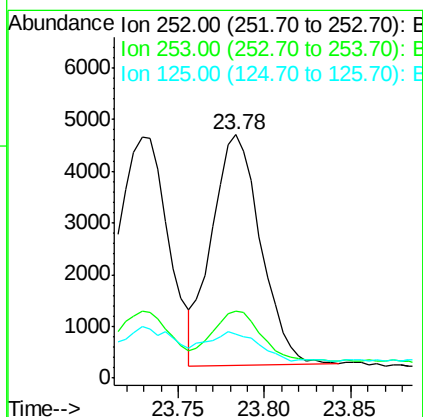
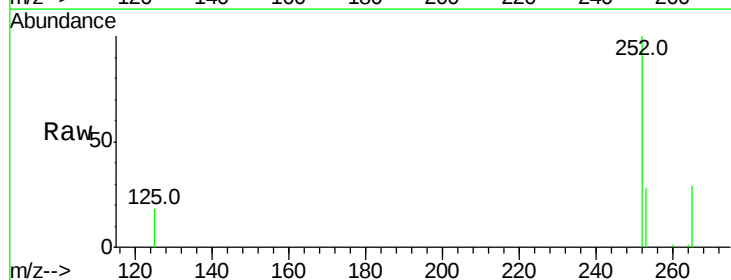
Tgt Ion:252 Resp: 8796

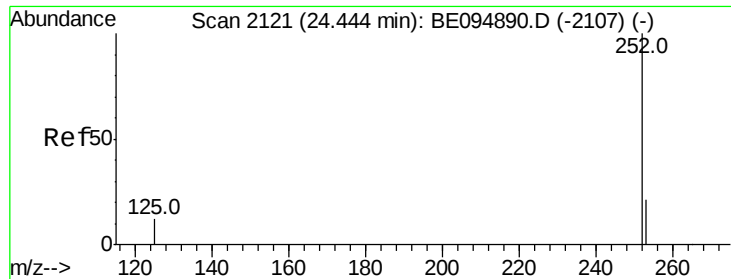
Ion Ratio Lower Upper

252 100

253 27.7 48.0 72.0#

125 17.9 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.098 ng

RT: 24.44 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

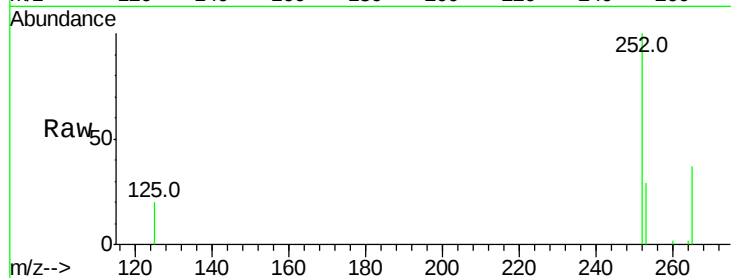
Tot Ion:252 Resp: 7595

Ion Ratio Lower Upper

252 100

253 28.7 52.0 78.0#

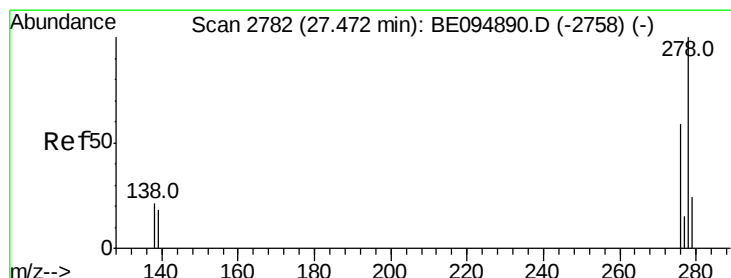
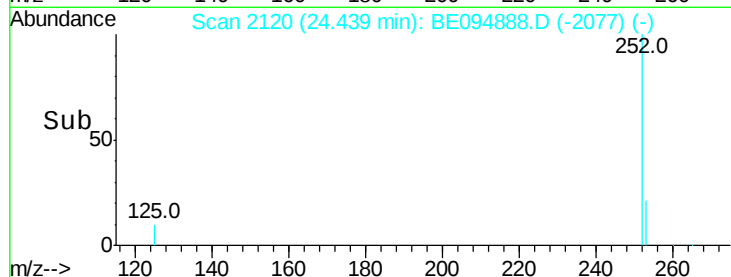
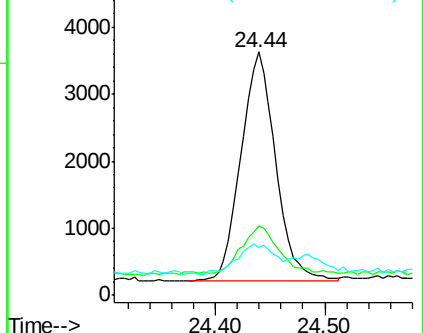
125 19.6 68.0 102.0#



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: 0.097 ng

RT: 27.46 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BE094888.D

Acq: 30 Nov 2017 12:37

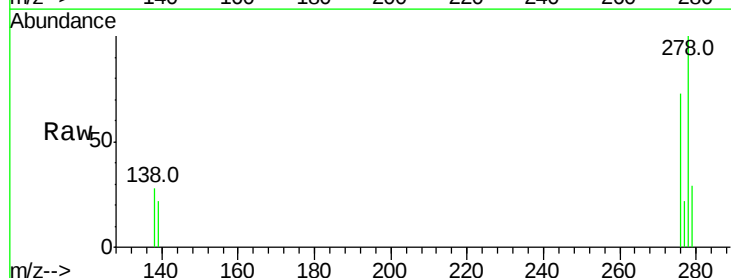
Tgt Ion:278 Resp: 6713

Ion Ratio Lower Upper

278 100

139 22.2 56.0 84.0#

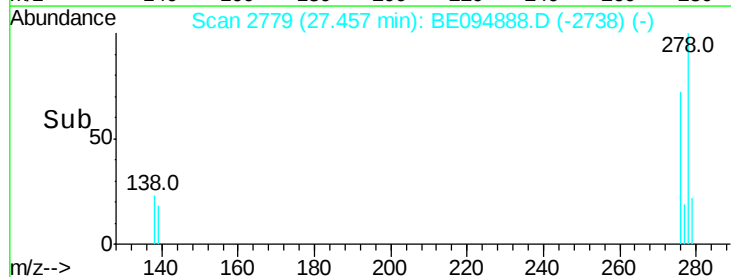
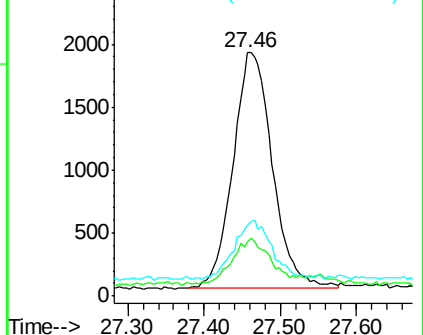
279 29.2 52.0 78.0#

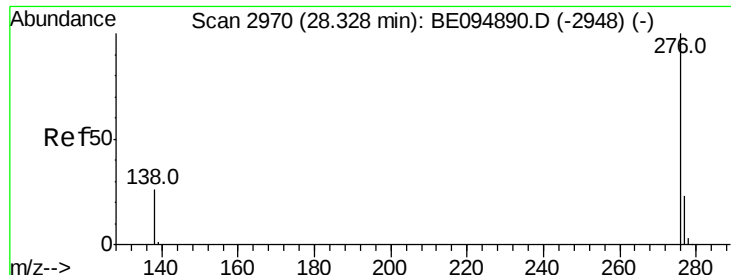


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.108 ng

RT: 28.32 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE094888.D

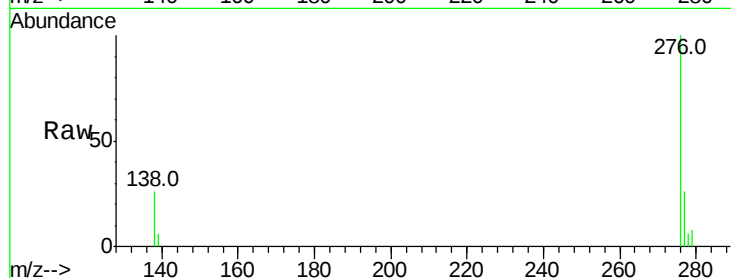
Acq: 30 Nov 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



Tot Ion:276 Resp: 7015

Ion Ratio Lower Upper

276 100

277 26.4 52.0 78.0#

138 26.1 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

