

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094182.D
 Acq On : 6 Oct 2017 16:51
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 07 01:11:57 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1509	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7108	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4307	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12777	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10862	0.40	ng	0.00
34) Perylene-d12	23.91	264	10235	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1945	0.39	ng	0.00
5) Phenol-d6	7.09	99	2733	0.37	ng	0.00
8) Nitrobenzene-d5	9.06	82	2306	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4358	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	589	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5834	0.40	ng	0.00
25) Fluoranthene-d10	19.27	212	46495	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	8007	0.39	ng	0.00

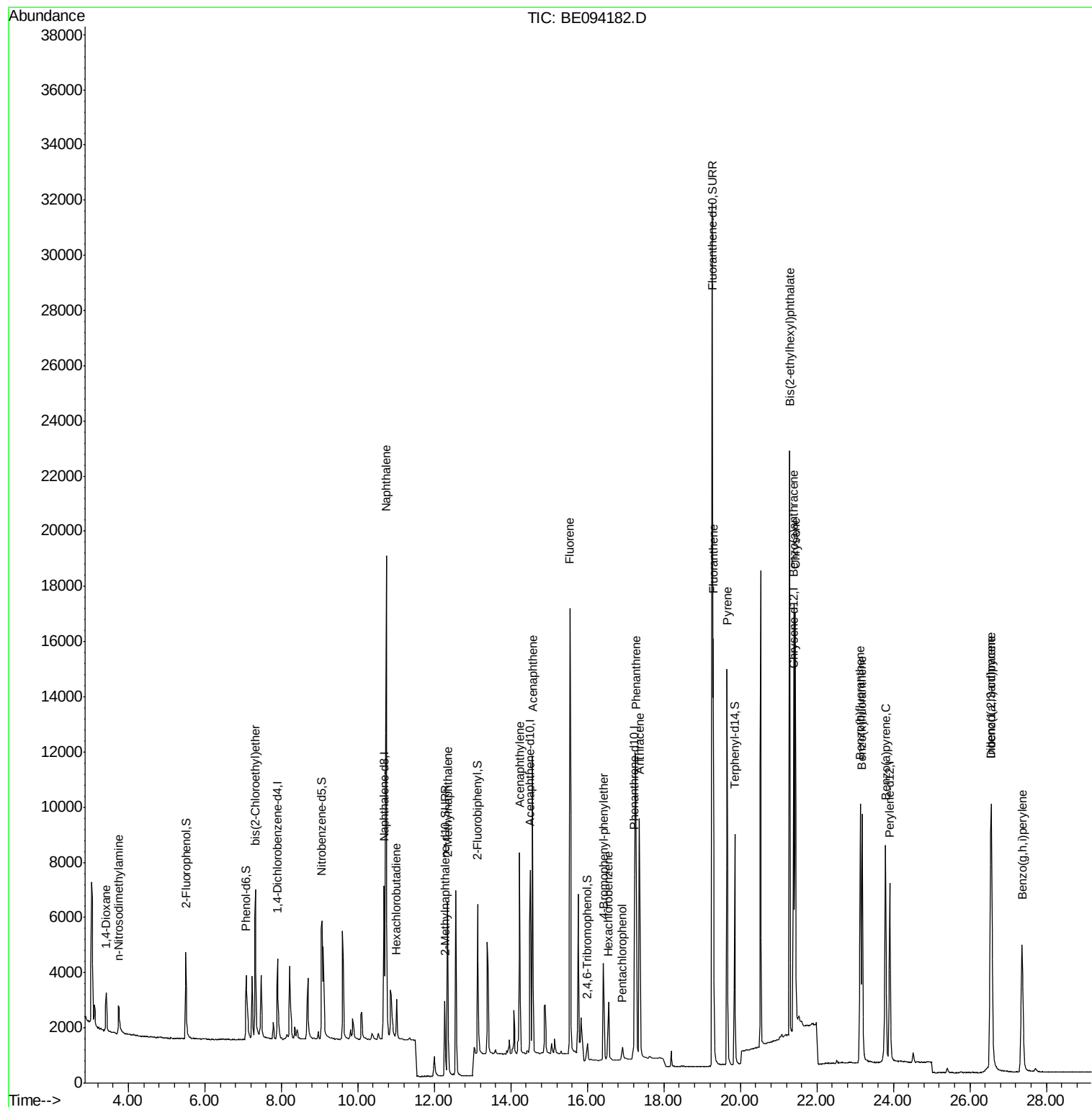
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	1102	0.403	ng	# 85
3) n-Nitrosodimethylamine	3.74	42	1141	0.389	ng	# 93
6) bis(2-Chloroethyl)ether	7.33	93	2264	0.383	ng	97
9) Naphthalene	10.74	128	32161	0.402	ng	100
10) Hexachlorobutadiene	11.01	225	1230	0.405	ng	97
12) 2-Methylnaphthalene	12.34	142	5257	0.400	ng	98
16) Acenaphthylene	14.23	152	8516	0.390	ng	100
17) Acenaphthene	14.57	154	5728	0.398	ng	98
18) Fluorene	15.55	166	7313	0.388	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2728	0.371	ng	95
21) Hexachlorobenzene	16.55	284	2363	0.357	ng	92
22) Pentachlorophenol	16.91	266	571	0.319	ng	# 77
23) Phenanthrene	17.27	178	16712	0.377	ng	99
24) Anthracene	17.37	178	13523	0.401	ng	99
26) Fluoranthene	19.30	202	14054	0.362	ng	100
28) Pyrene	19.65	202	14716	0.394	ng	100
30) Benzo(a)anthracene	21.38	228	13846	0.388	ng	99
31) Chrysene	21.44	228	14079	0.400	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	28335	0.345	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	14025	0.401	ng	99
35) Benzo(b)fluoranthene	23.13	252	13497	0.392	ng	100
36) Benzo(k)fluoranthene	23.18	252	13579	0.388	ng	99
37) Benzo(a)pyrene	23.79	252	13205	0.406	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	11737	0.389	ng	99
39) Benzo(g,h,i)perylene	27.36	276	11963	0.388	ng	98

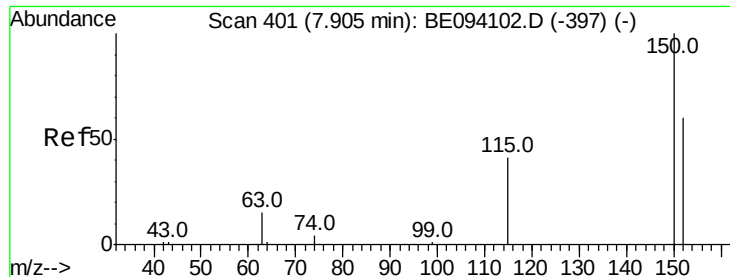
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

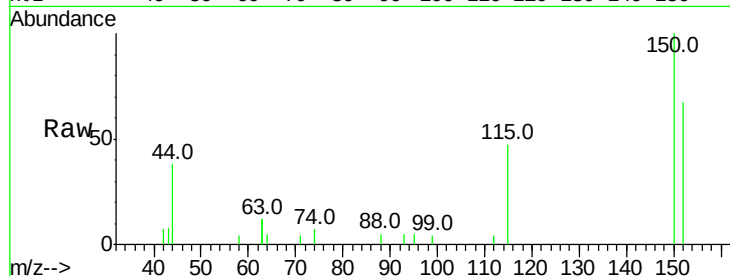
Tot Ion:152 Resp: 1509

Ion Ratio Lower Upper

152 100

150 149.8 117.2 175.8

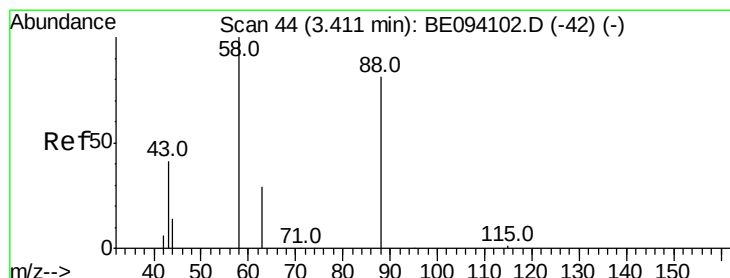
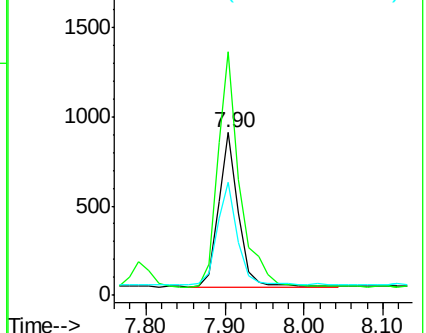
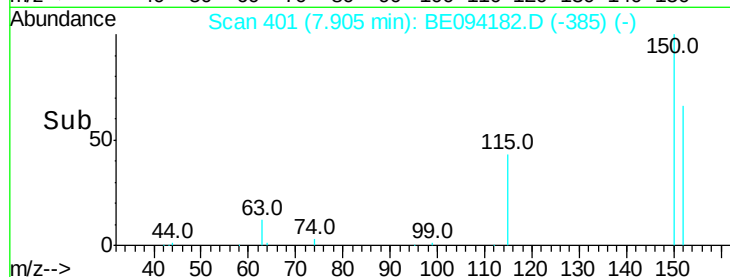
115 69.9 57.0 85.6



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: 0.403 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

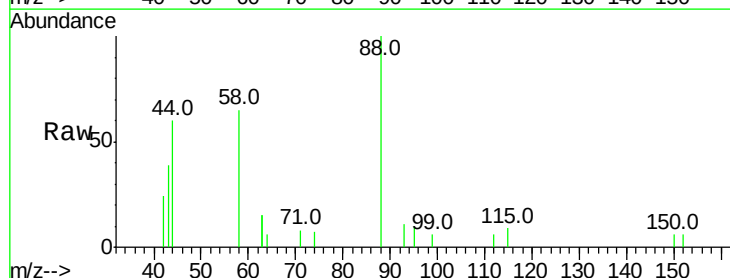
Tgt Ion: 88 Resp: 1102

Ion Ratio Lower Upper

88 100

58 84.5 63.2 94.8

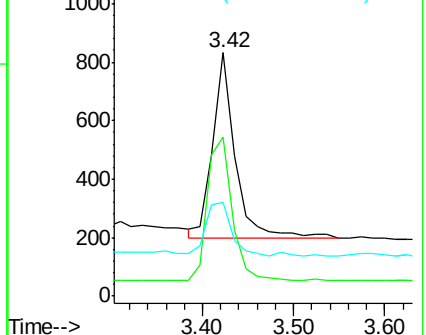
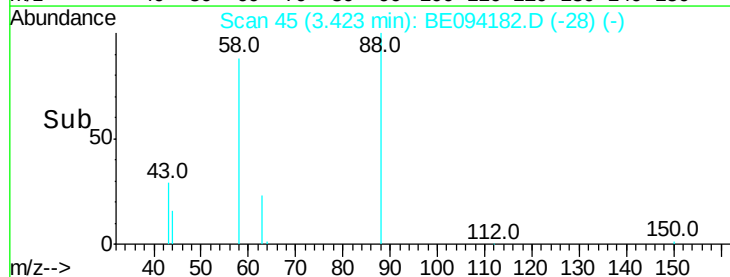
43 32.4 41.2 61.8#

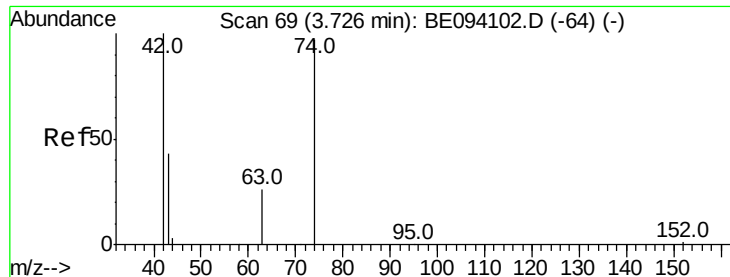


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



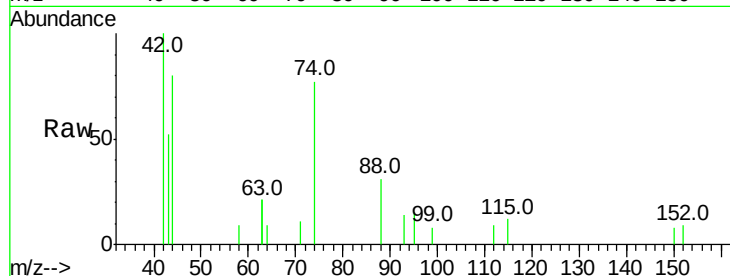


#3

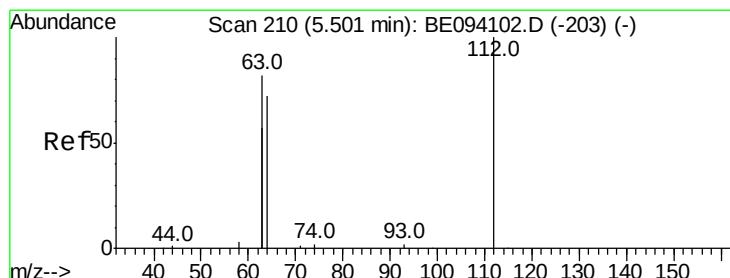
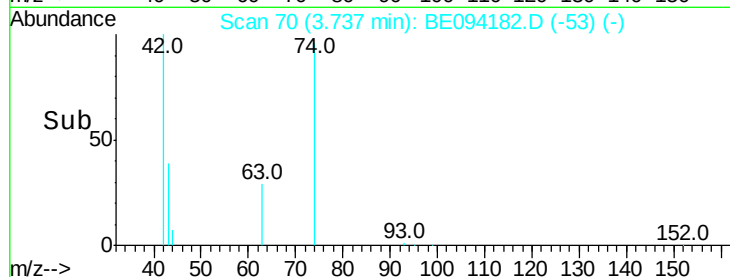
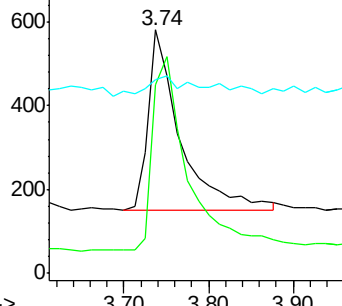
n-Nitrosodimethylamine
 Concen: 0.389 ng
 RT: 3.74 min Scan# 70
 Delta R.T. 0.01 min
 Lab File: BE094182.D
 Acq: 6 Oct 2017 16:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion: 42 Resp: 1141
 Ion Ratio Lower Upper
 42 100
 74 118.8 100.3 150.5
 44 13.8 17.0 25.4#



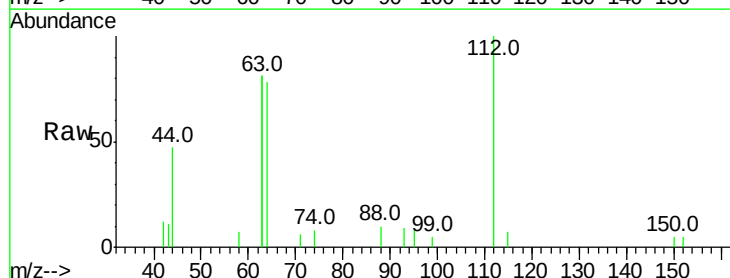
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



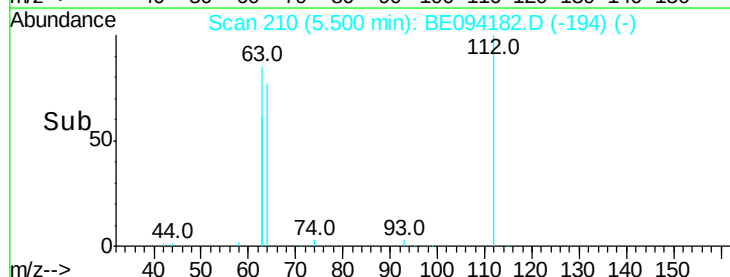
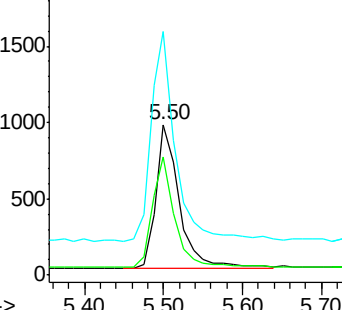
#4

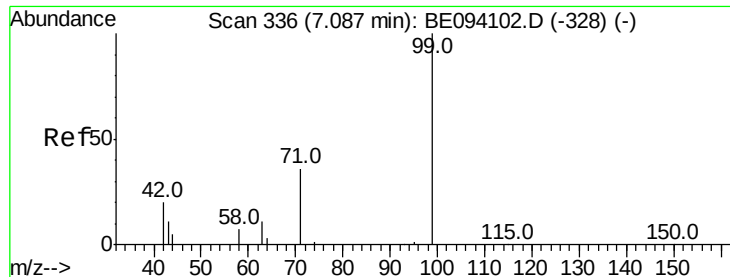
2-Fluorophenol
 Concen: 0.387 ng
 RT: 5.50 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BE094182.D
 Acq: 6 Oct 2017 16:51

Tgt Ion: 112 Resp: 1945
 Ion Ratio Lower Upper
 112 100
 64 75.7 60.1 90.1
 63 152.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.375 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

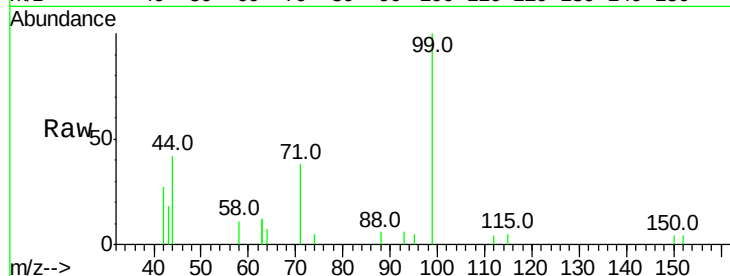
Tot Ion: 99 Resp: 2733

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

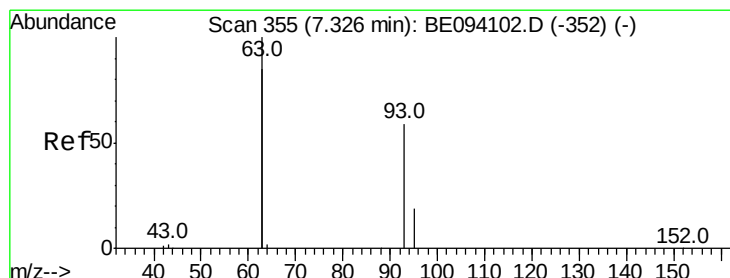
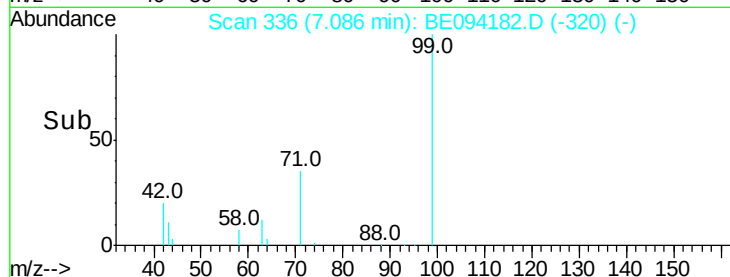
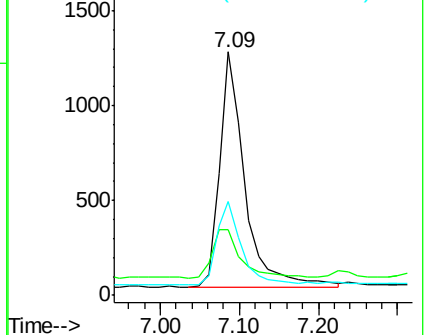
71 35.0 28.4 42.6



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: 0.383 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

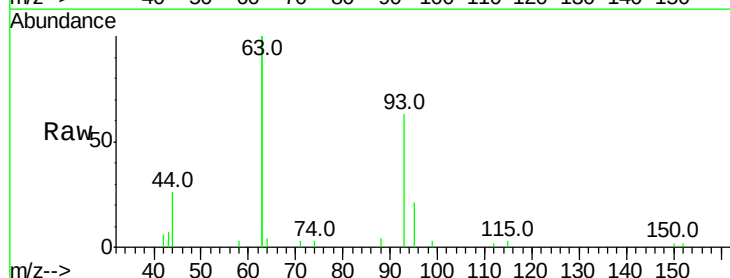
Tgt Ion: 93 Resp: 2264

Ion Ratio Lower Upper

93 100

63 350.9 275.3 412.9

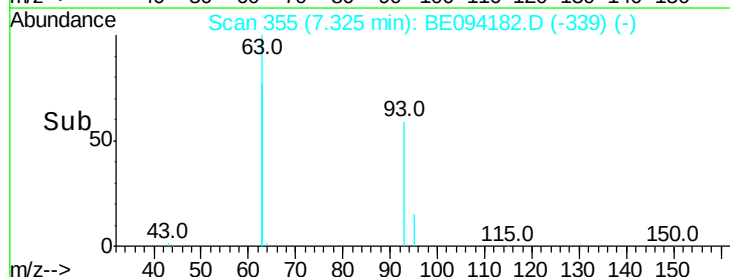
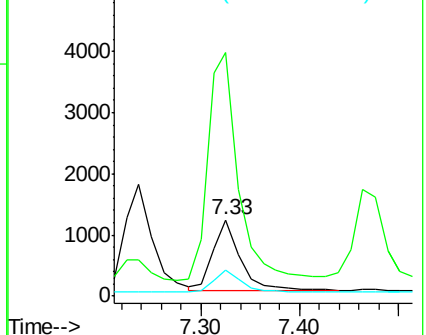
95 32.0 25.2 37.8

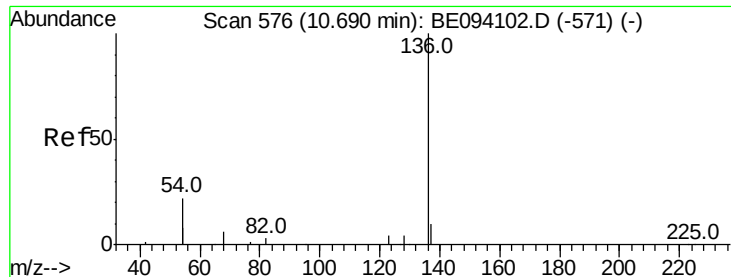


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7108

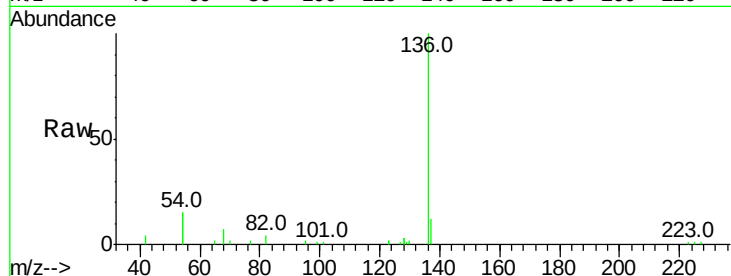
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 30.1 29.1 43.7

68 6.5 6.2 9.2

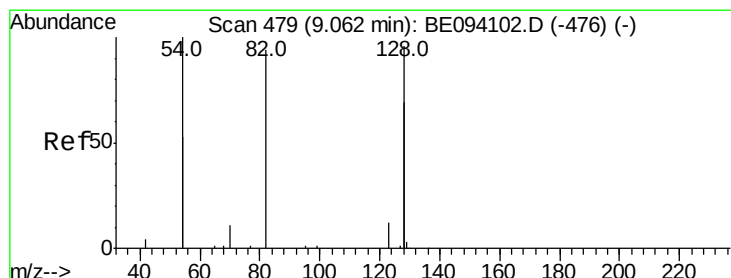
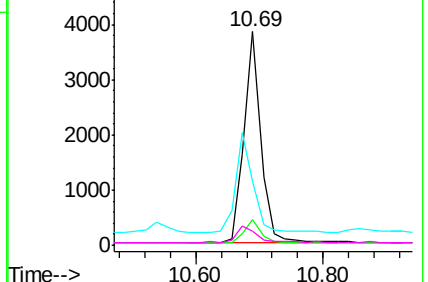
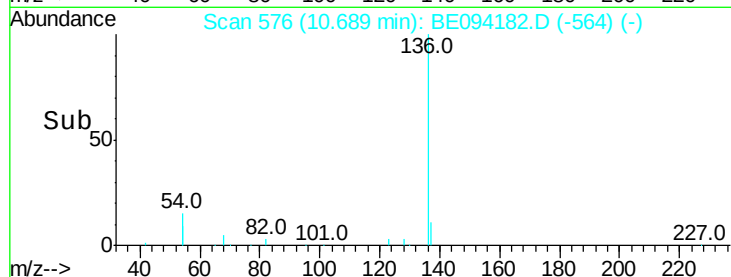


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

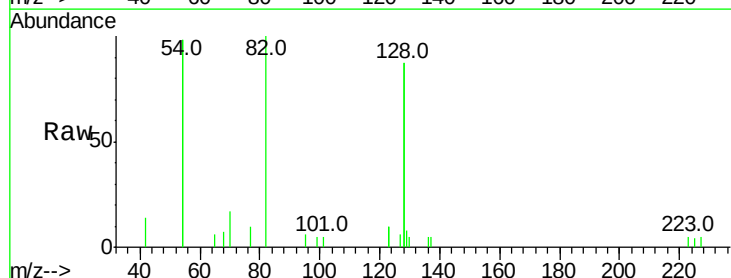
Tgt Ion: 82 Resp: 2306

Ion Ratio Lower Upper

82 100

128 173.0 150.0 225.0

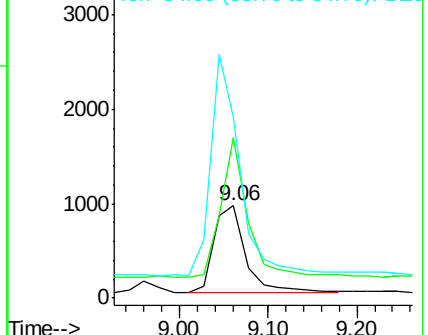
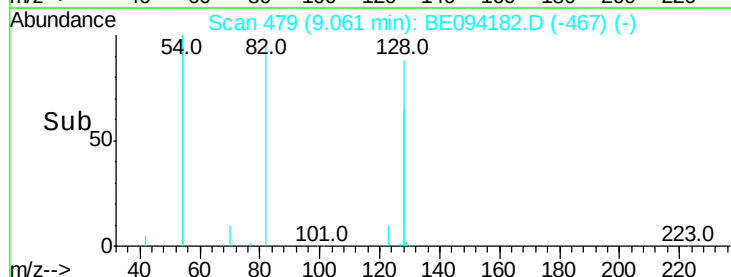
54 196.3 154.2 231.4

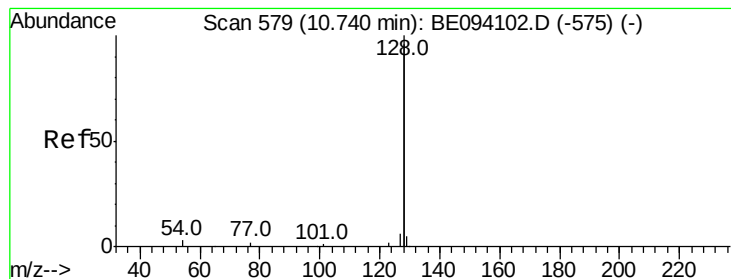


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.402 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

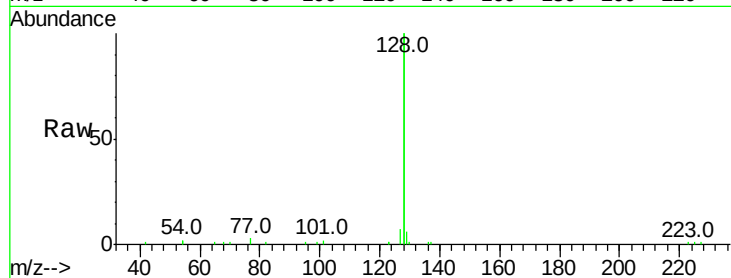
Tot Ion:128 Resp: 32161

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

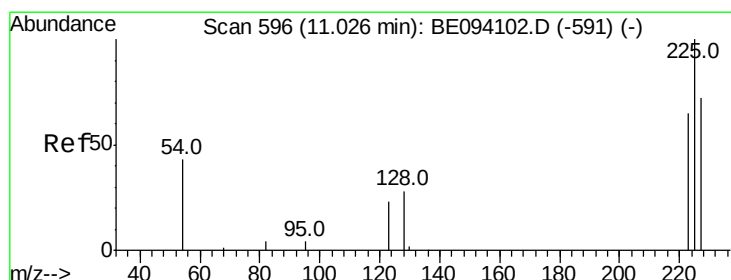
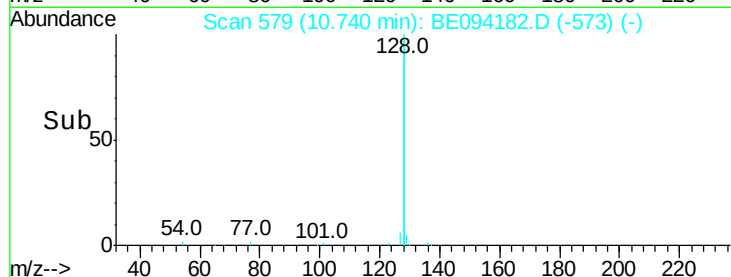
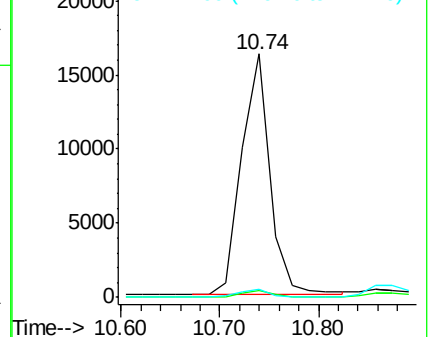
127 3.4 2.8 4.2



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: 0.405 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

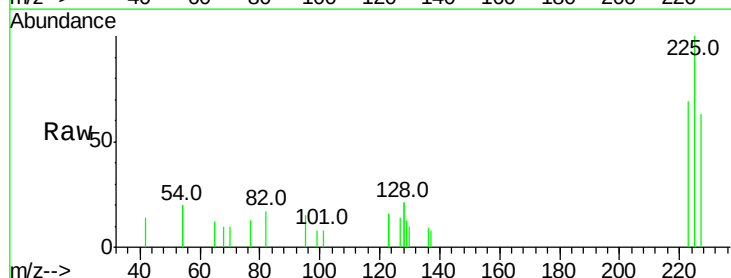
Tgt Ion:225 Resp: 1230

Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

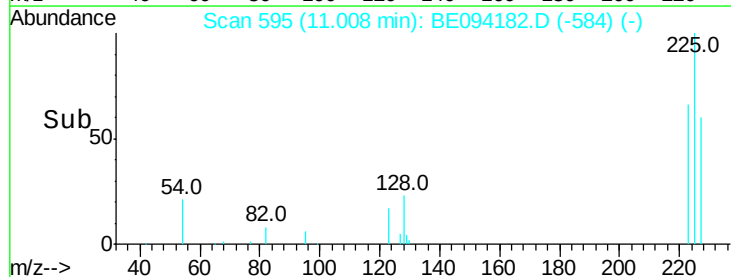
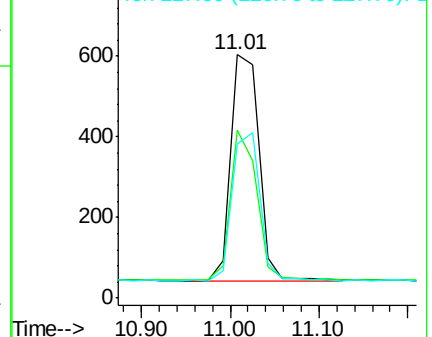
227 64.3 51.4 77.2

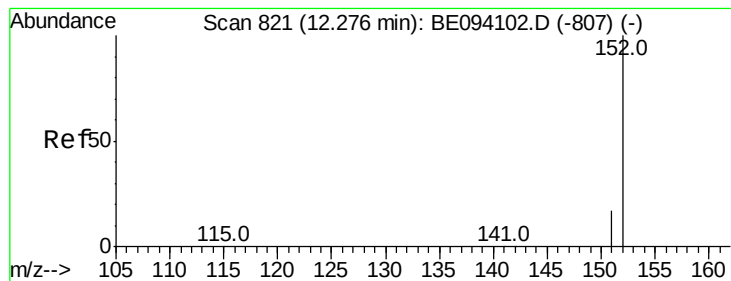


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

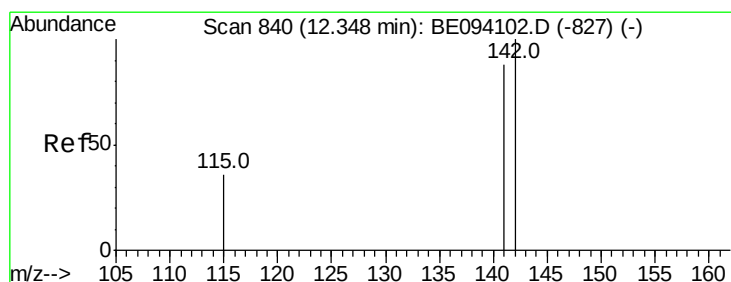
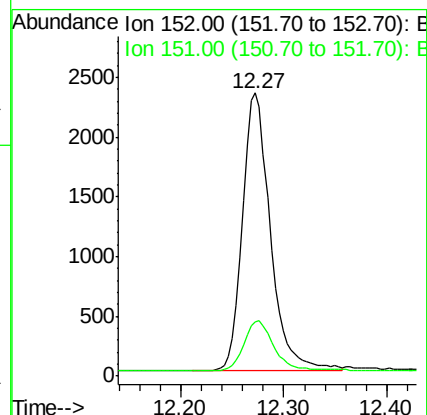
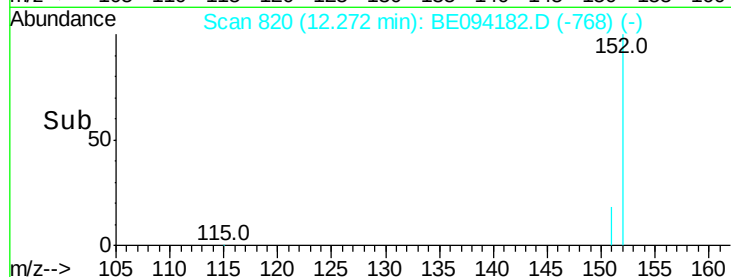
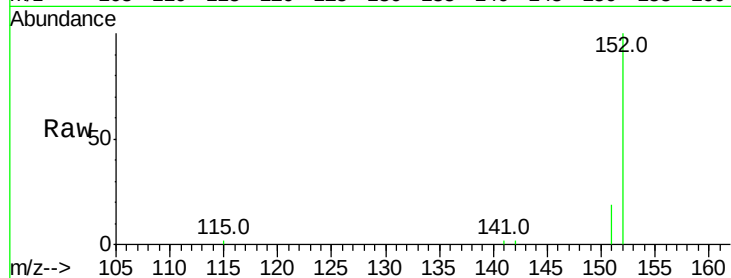
SSTDCCC0.4

Tot Ion:152 Resp: 4358

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 12.34 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

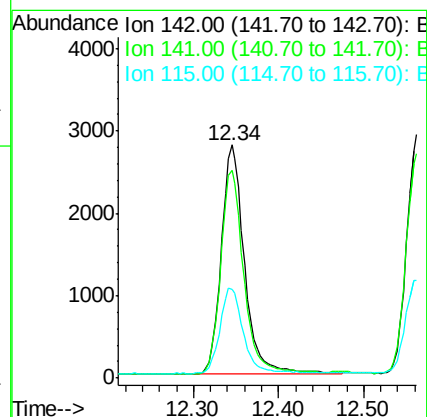
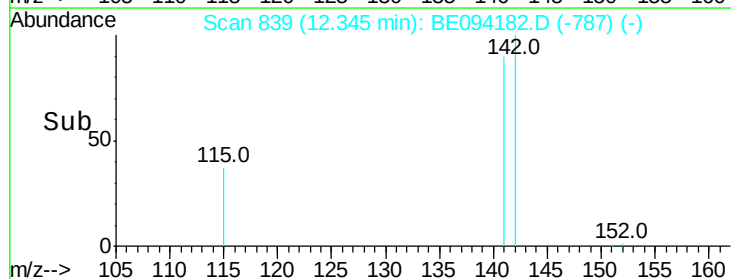
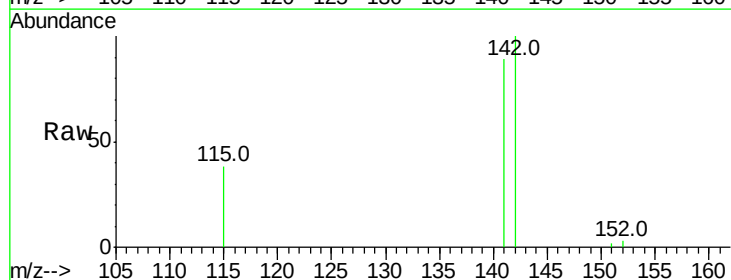
Tgt Ion:142 Resp: 5257

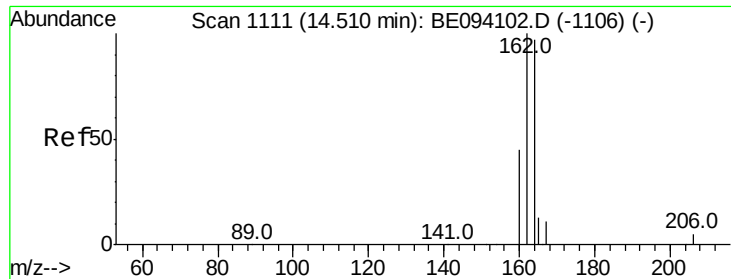
Ion Ratio Lower Upper

142 100

141 89.4 70.4 105.6

115 38.2 31.7 47.5

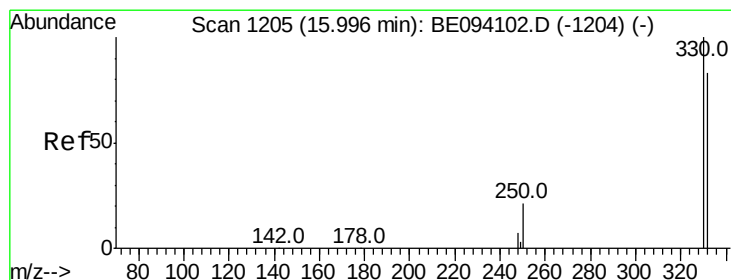
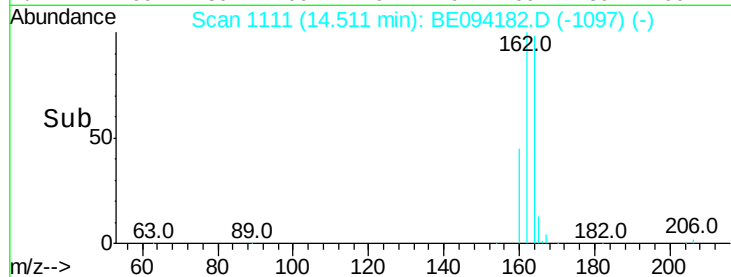
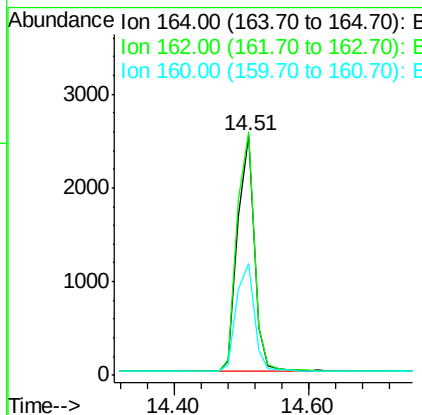
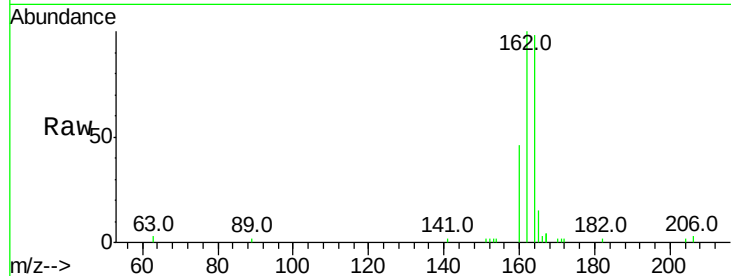




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094182.D
 Acq: 6 Oct 2017 16:51

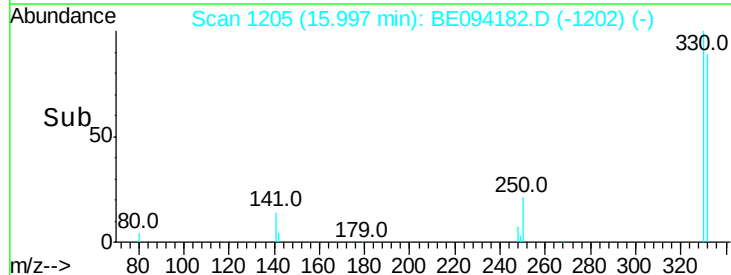
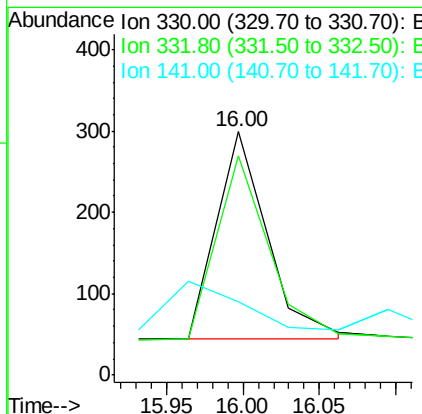
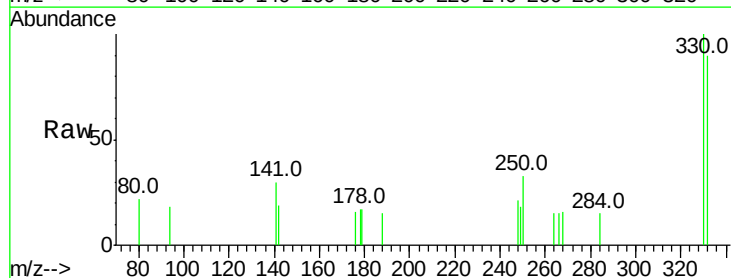
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

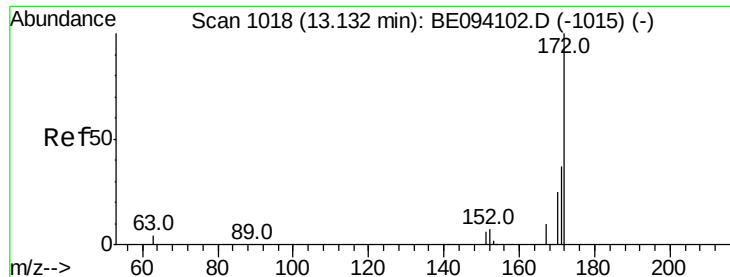
Tot Ion:164 Resp: 4307
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.1 124.7
 160 46.9 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.315 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094182.D
 Acq: 6 Oct 2017 16:51

Tgt Ion:330 Resp: 589
 Ion Ratio Lower Upper
 330 100
 332 91.7 152.7 229.1#
 141 0.0 33.7 50.5#

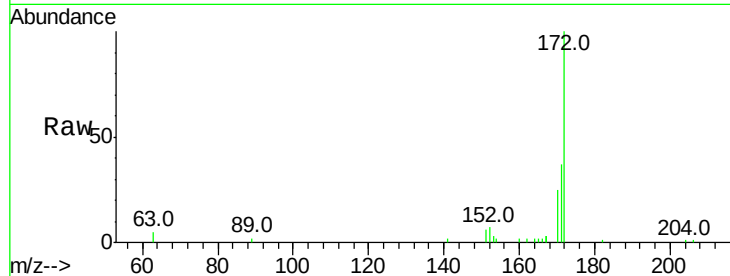




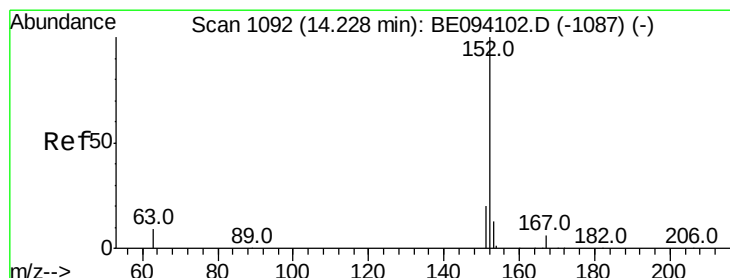
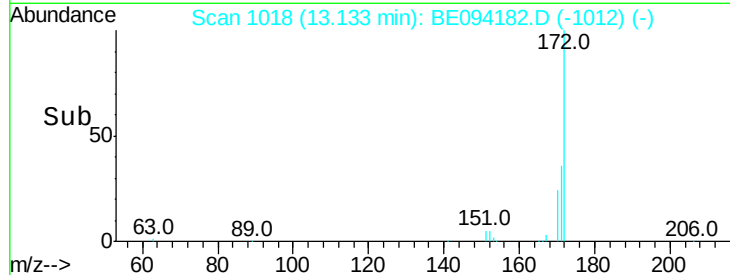
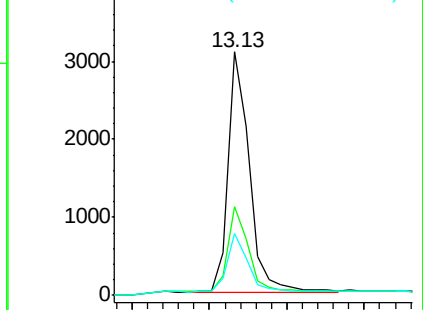
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094182.D
Acq: 6 Oct 2017 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 5834
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.3 21.8 32.8

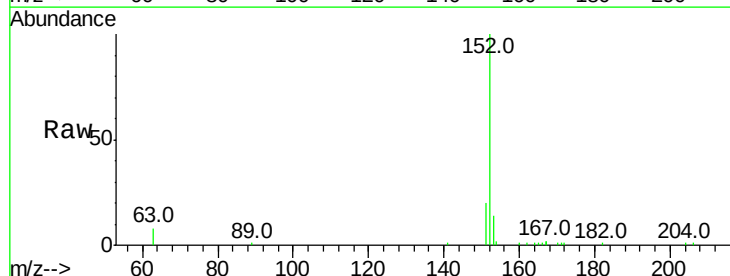


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

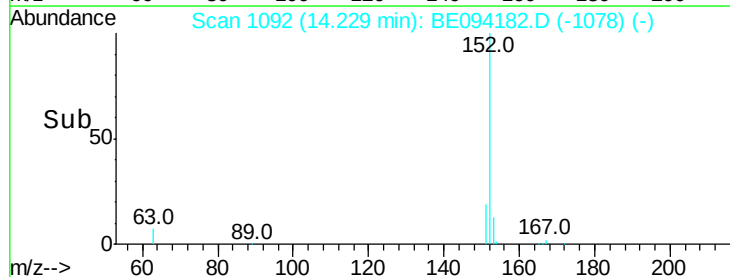
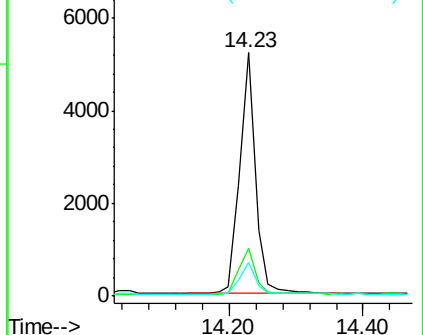


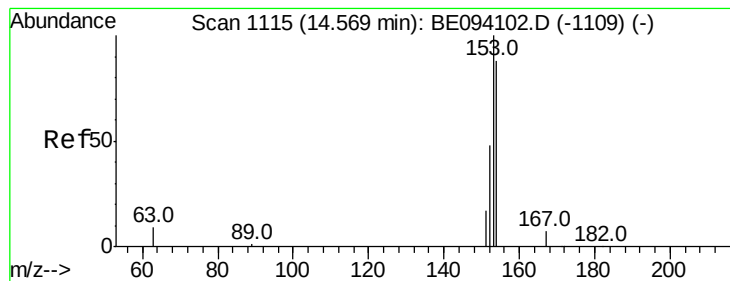
#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094182.D
Acq: 6 Oct 2017 16:51

Tgt Ion:152 Resp: 8516
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 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: 0.398 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

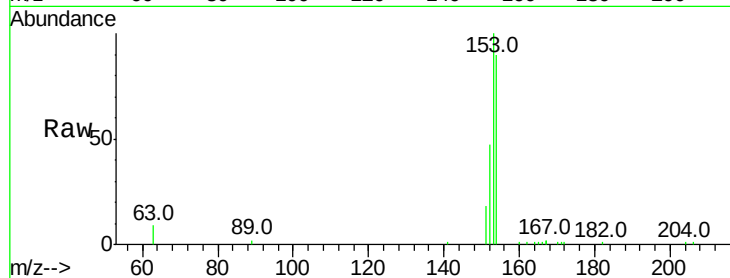
Tot Ion:154 Resp: 5728

Ion Ratio Lower Upper

154 100

153 113.8 89.2 133.8

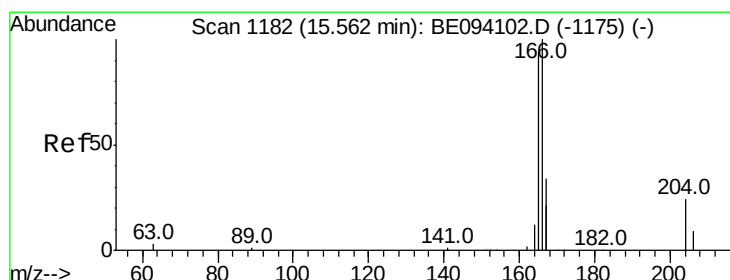
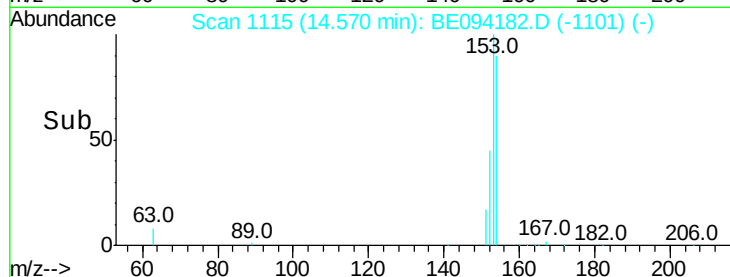
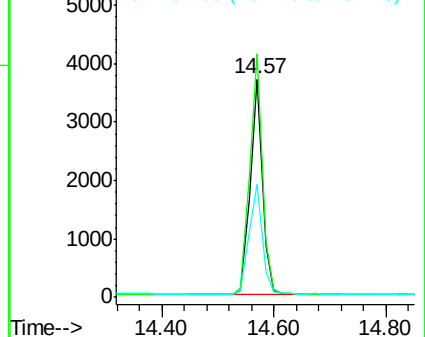
152 54.1 42.0 63.0



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: 0.388 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

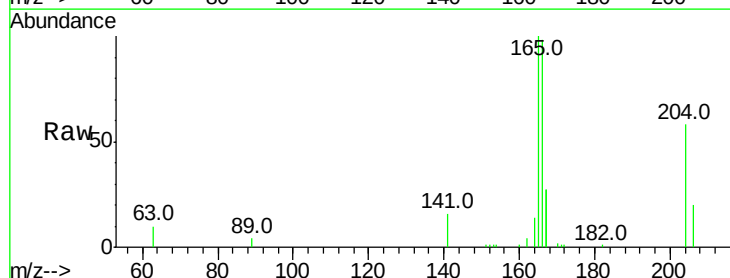
Tgt Ion:166 Resp: 7313

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

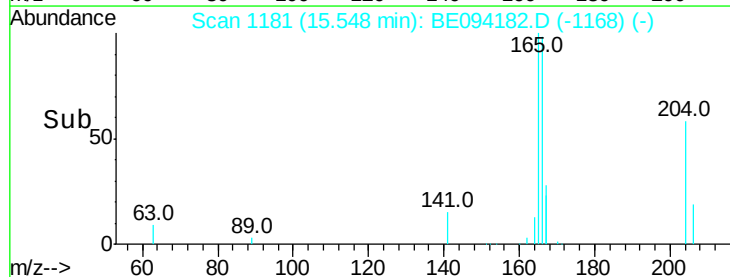
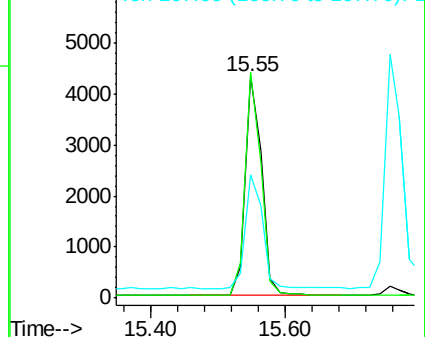
167 53.4 42.4 63.6

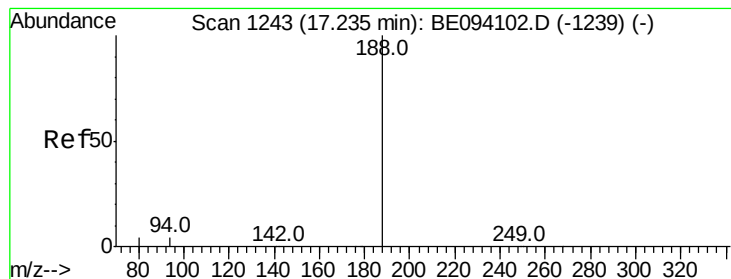


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

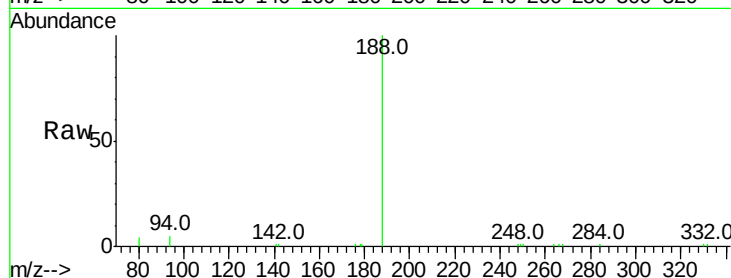
Tot Ion:188 Resp: 12777

Ion Ratio Lower Upper

188 100

94 4.7 3.9 5.9

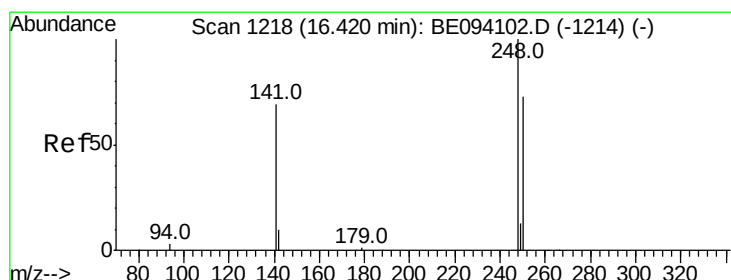
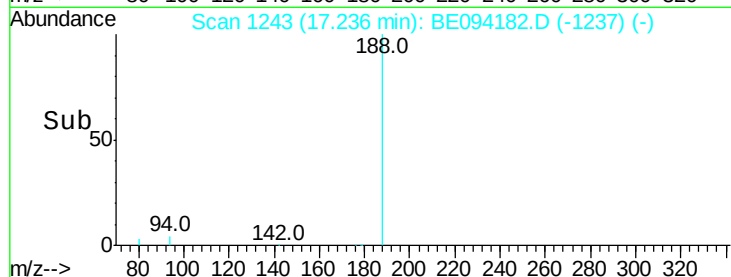
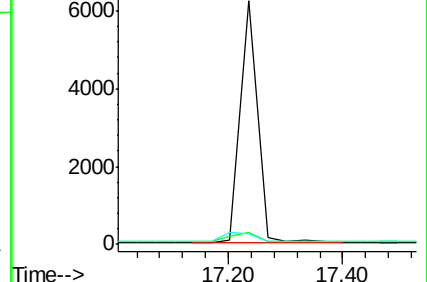
80 4.2 3.6 5.4



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: 0.371 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

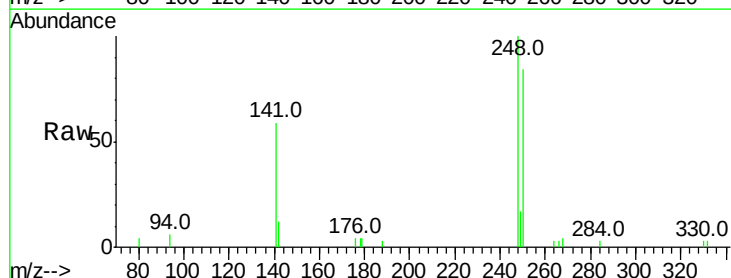
Tgt Ion:248 Resp: 2728

Ion Ratio Lower Upper

248 100

250 84.4 62.7 94.1

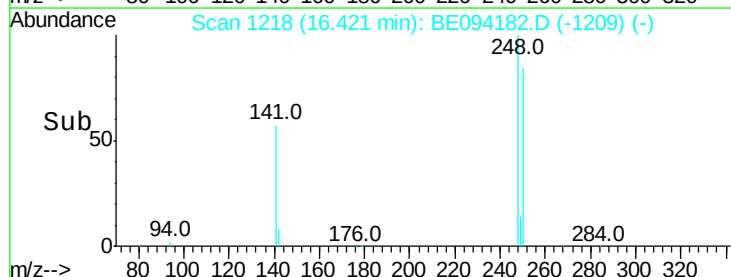
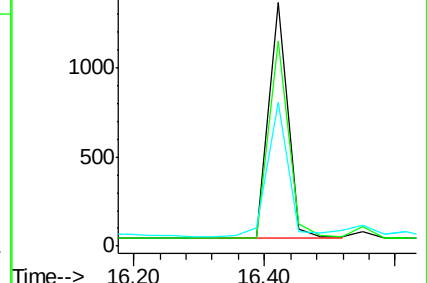
141 59.1 48.2 72.2

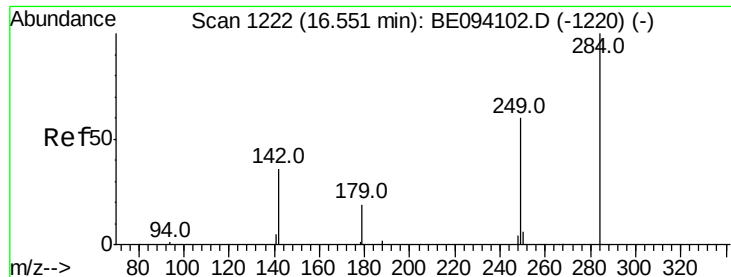


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

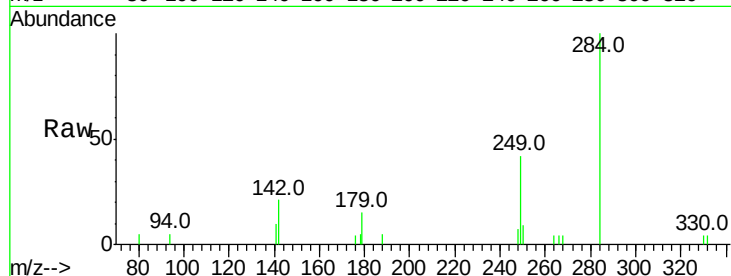




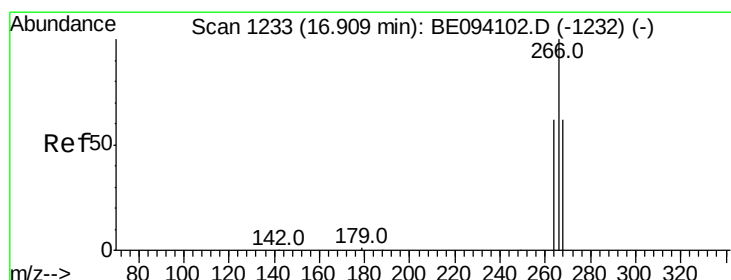
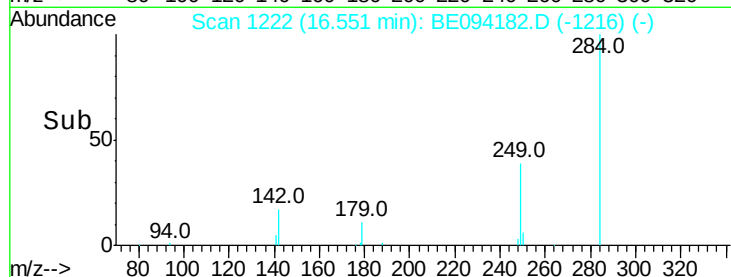
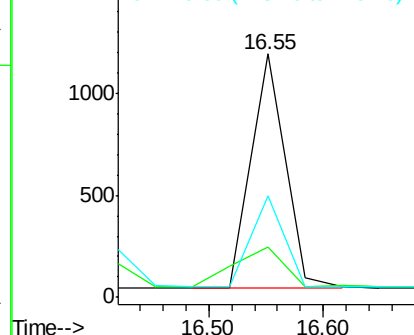
#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094182.D
Acq: 6 Oct 2017 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 2363
Ion Ratio Lower Upper
284 100
142 24.4 22.1 33.1
249 37.8 34.8 52.2

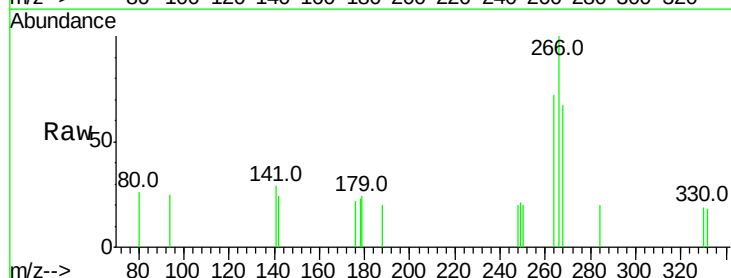


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

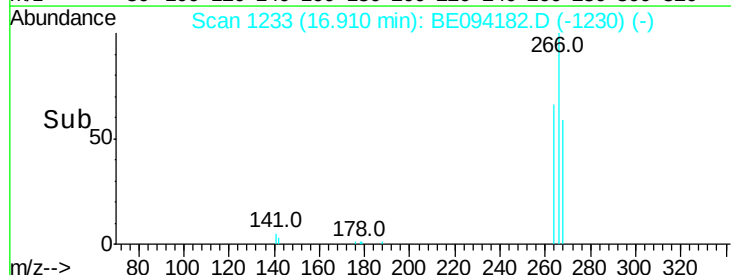
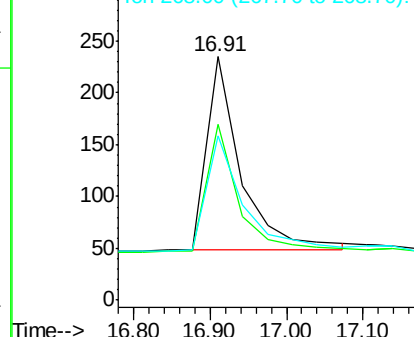


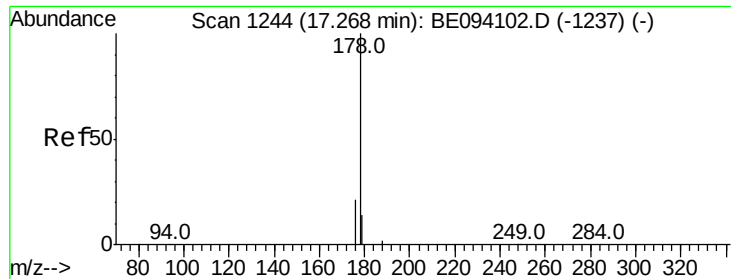
#22
Pentachlorophenol
Concen: 0.319 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094182.D
Acq: 6 Oct 2017 16:51

Tgt Ion:266 Resp: 571
Ion Ratio Lower Upper
266 100
264 72.3 72.5 108.7#
268 67.2 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: 0.377 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

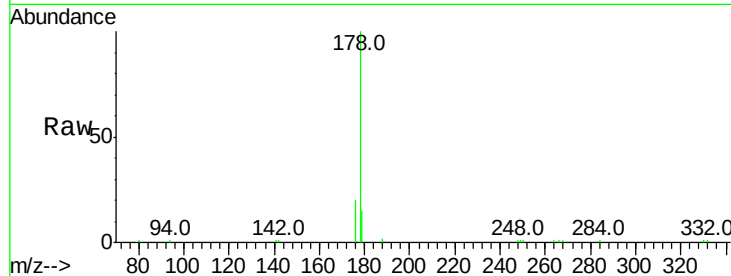
Tot Ion:178 Resp: 16712

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

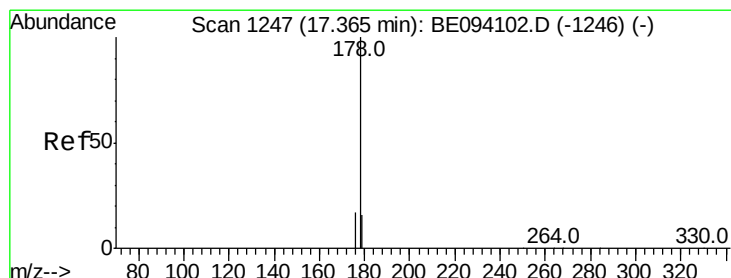
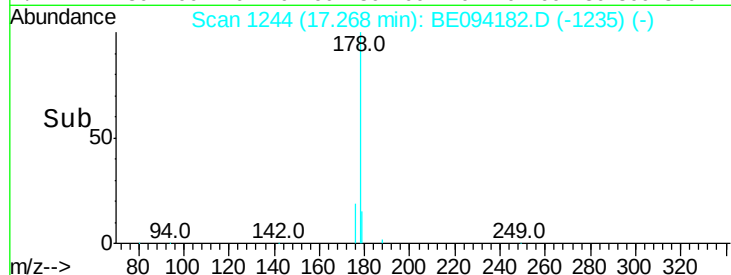
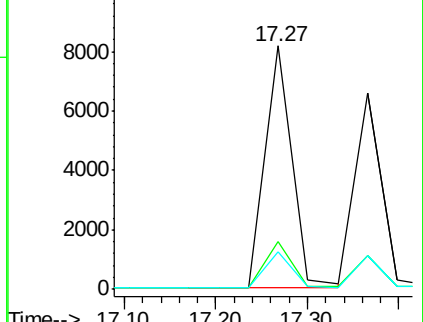
179 15.0 11.8 17.6



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: 0.401 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

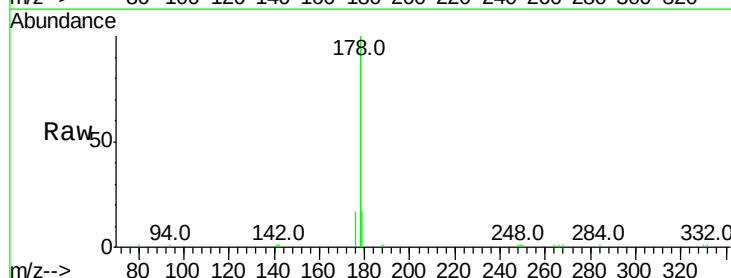
Tgt Ion:178 Resp: 13523

Ion Ratio Lower Upper

178 100

176 16.5 12.8 19.2

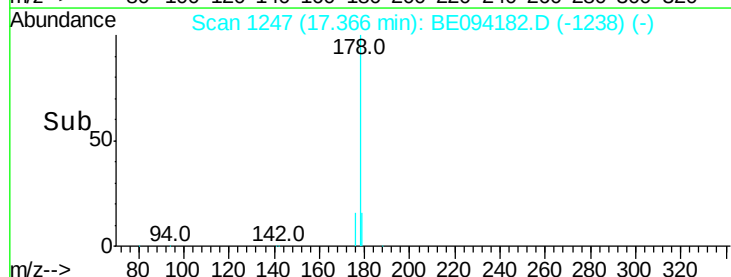
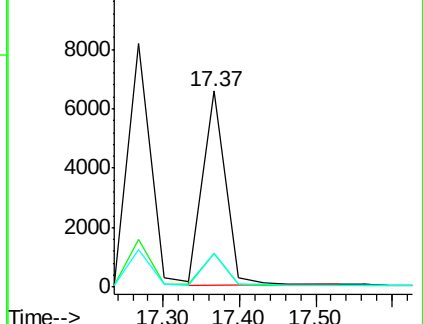
179 16.6 13.0 19.6

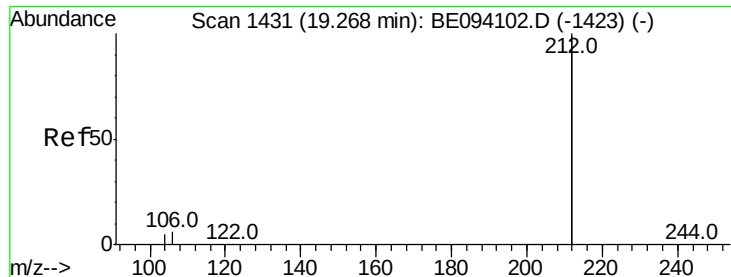


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

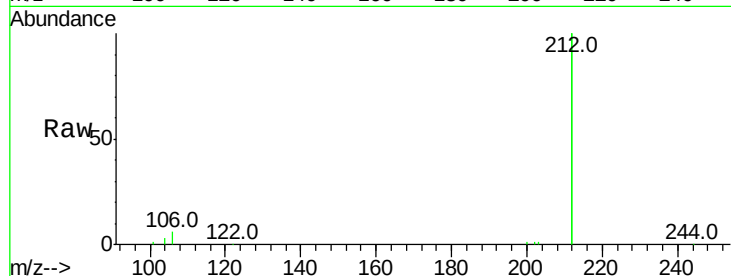
Tot Ion:212 Resp: 46495

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

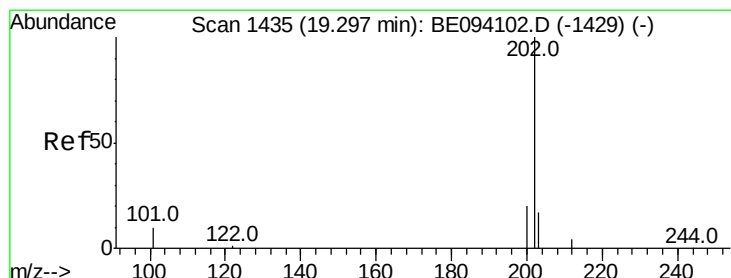
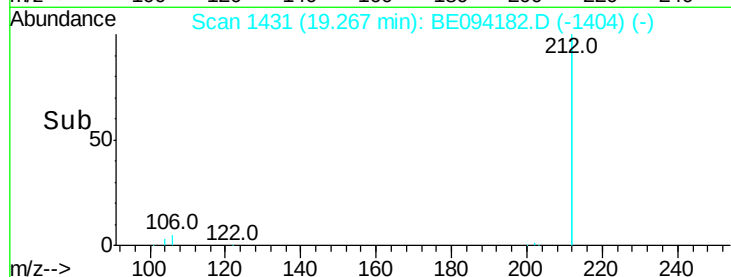
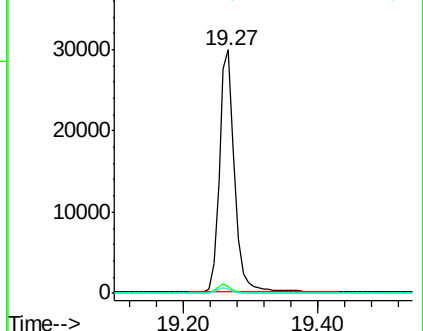
104 1.9 1.6 2.4



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: 0.362 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

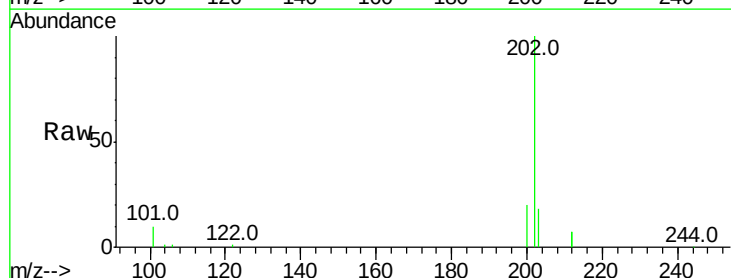
Tgt Ion:202 Resp: 14054

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.8

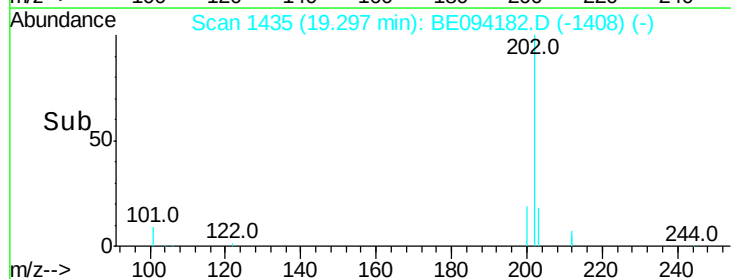
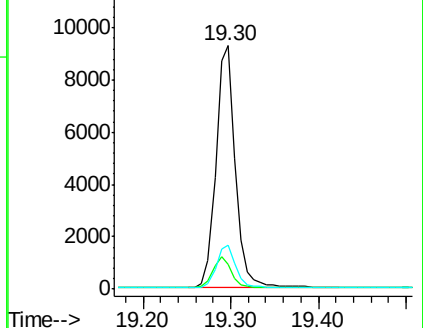
203 17.4 13.7 20.5

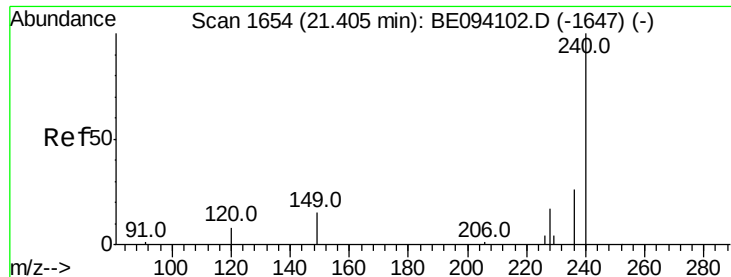


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

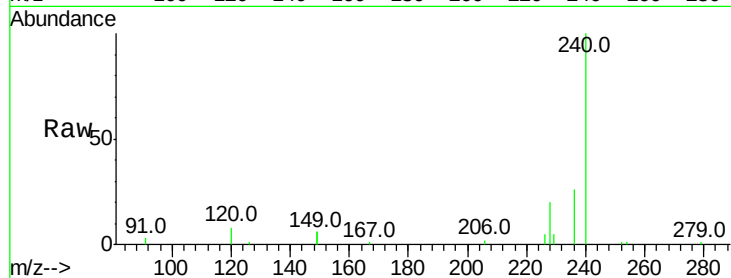
Tot Ion:240 Resp: 10862

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

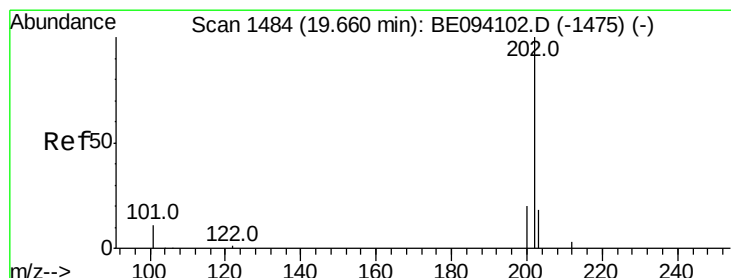
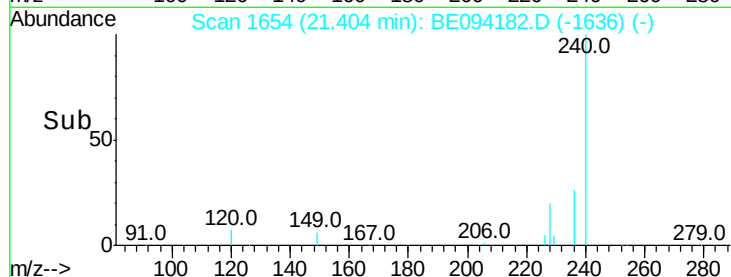
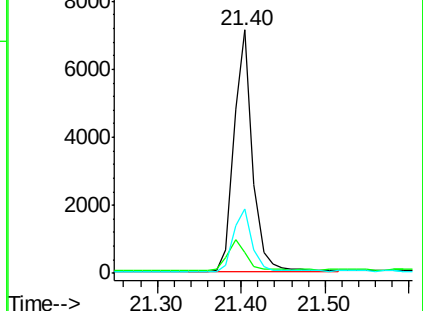
236 26.2 20.7 31.1



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: 0.394 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

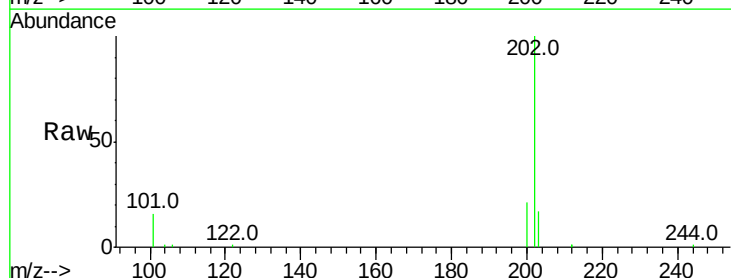
Tgt Ion:202 Resp: 14716

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

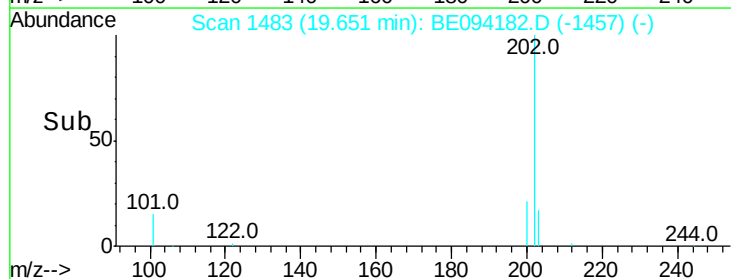
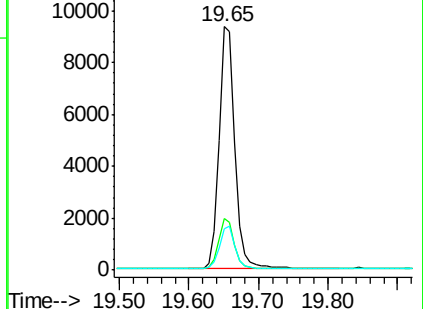
203 17.4 13.8 20.8

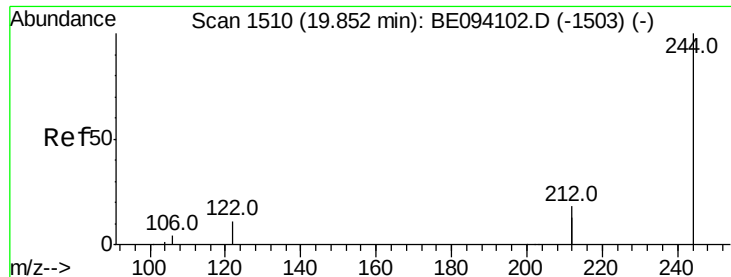


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

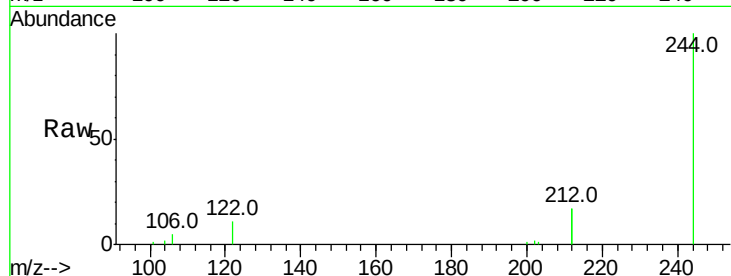
Tot Ion:244 Resp: 8007

Ion Ratio Lower Upper

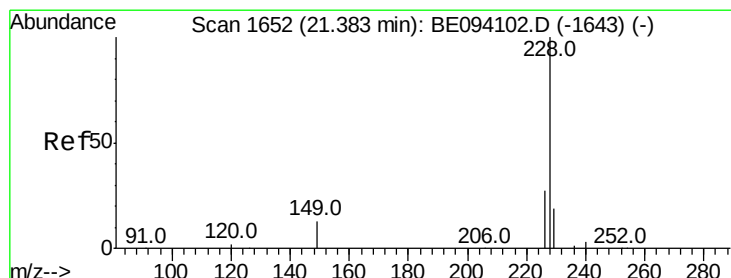
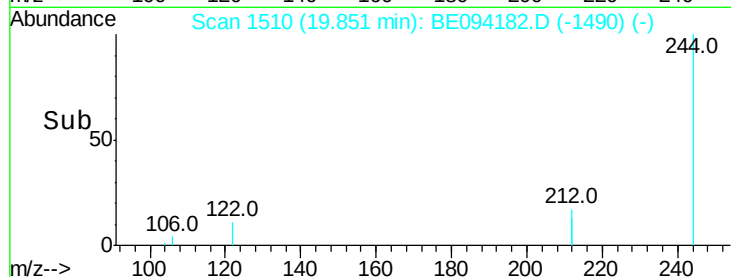
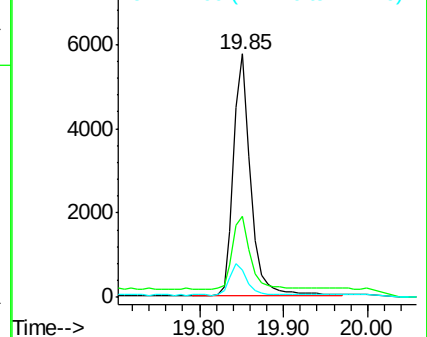
244 100

212 33.4 25.4 38.0

122 11.4 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: 0.388 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

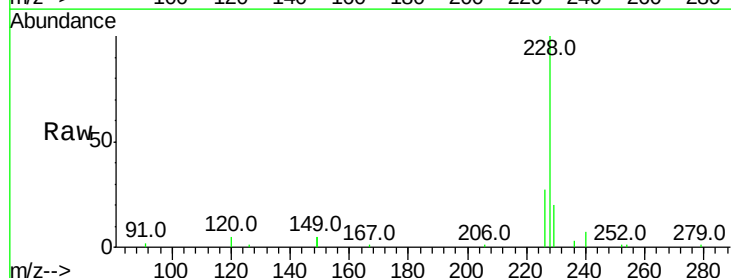
Tgt Ion:228 Resp: 13846

Ion Ratio Lower Upper

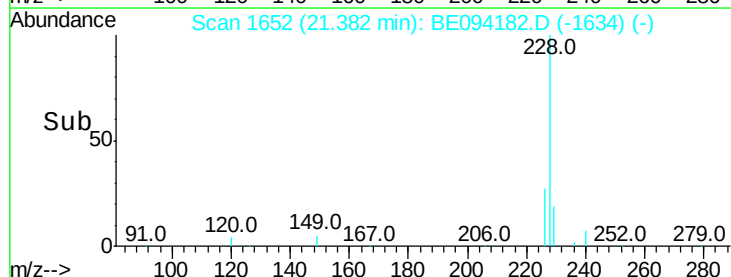
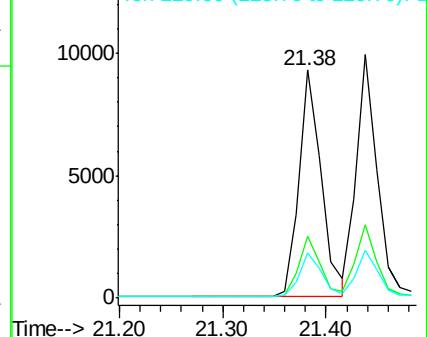
228 100

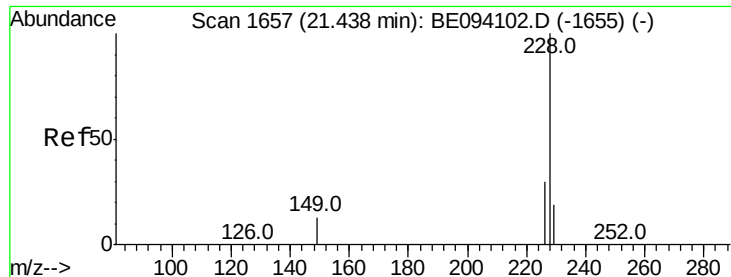
226 27.0 21.4 32.0

229 19.8 16.4 24.6



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: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

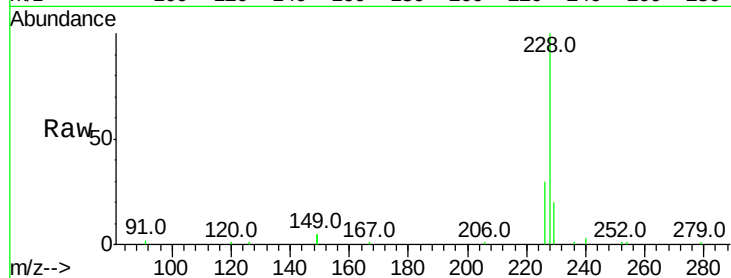
Tot Ion:228 Resp: 14079

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

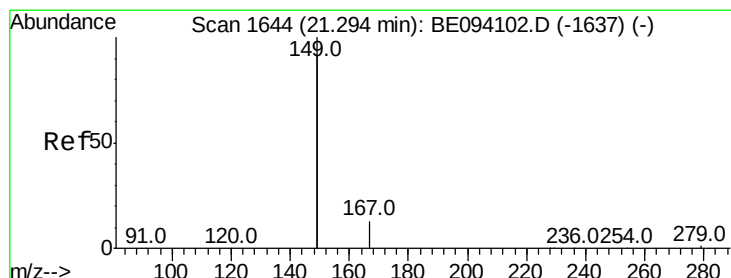
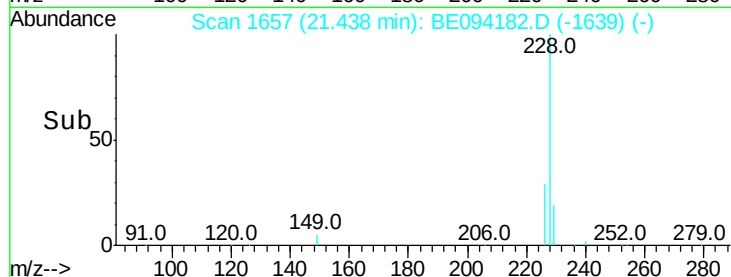
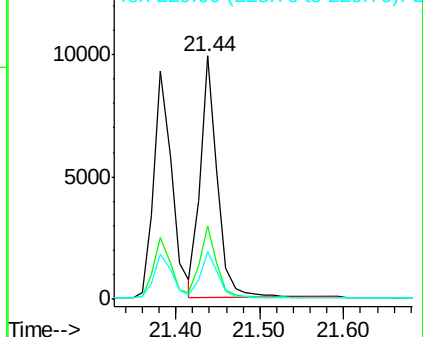
229 19.9 16.4 24.6



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: 0.345 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

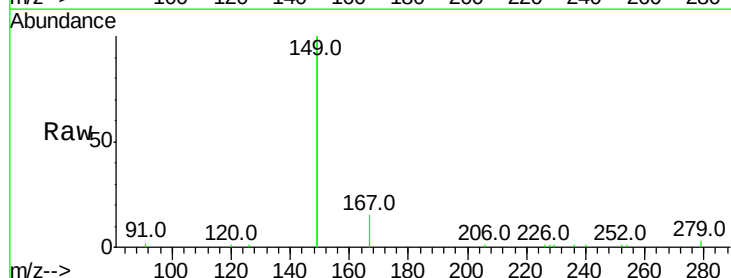
Tgt Ion:149 Resp: 28335

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

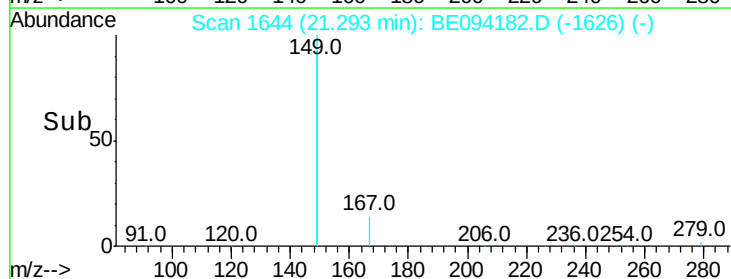
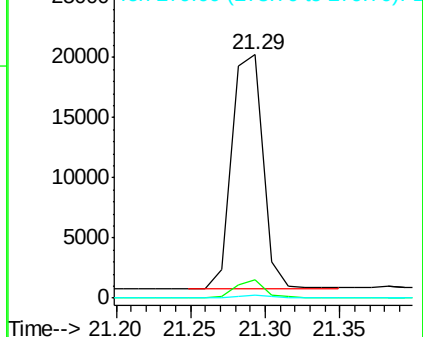
279 0.9 0.7 1.1

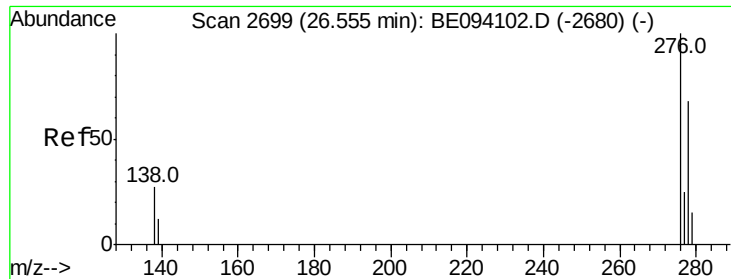


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.401 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

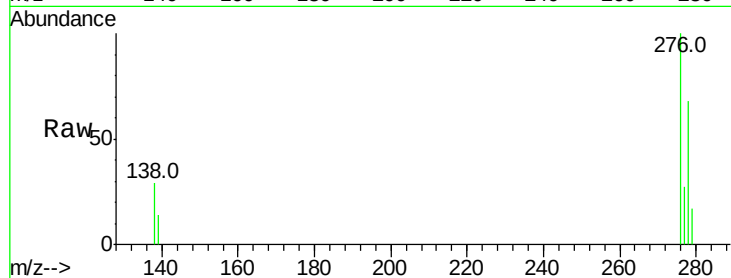
Tot Ion:276 Resp: 14025

Ion Ratio Lower Upper

276 100

138 27.2 22.5 33.7

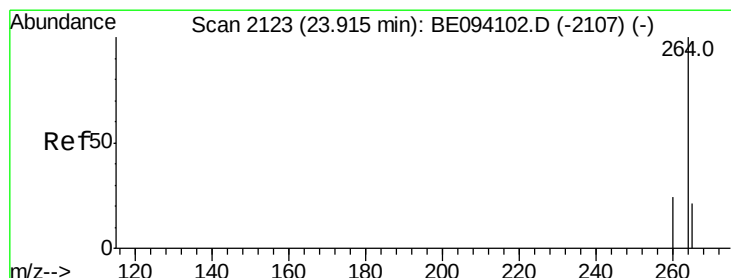
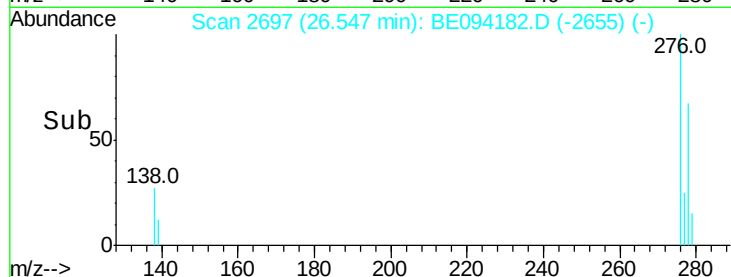
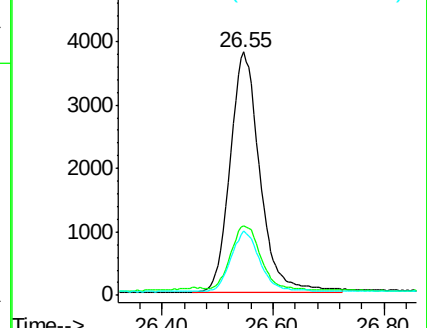
277 24.8 19.9 29.9



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: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

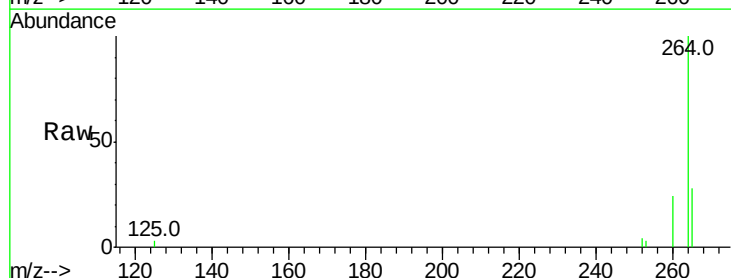
Tgt Ion:264 Resp: 10235

Ion Ratio Lower Upper

264 100

260 24.4 20.5 30.7

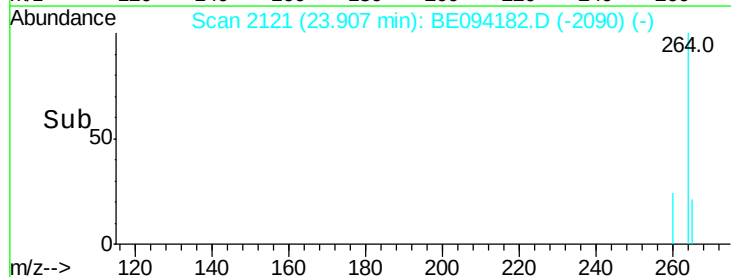
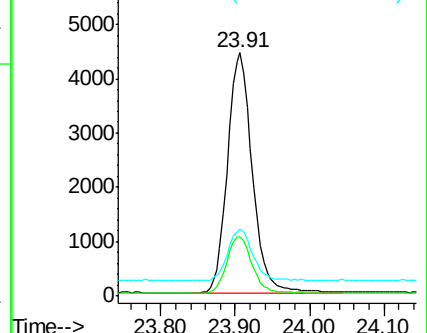
265 27.7 22.8 34.2

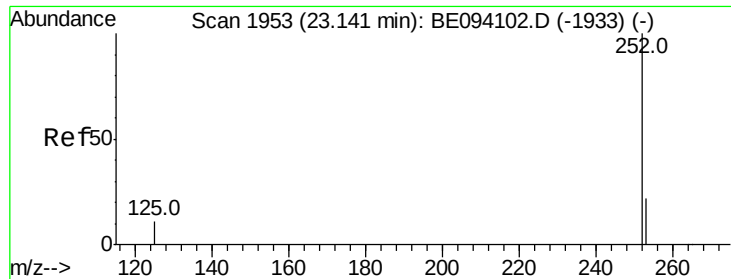


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

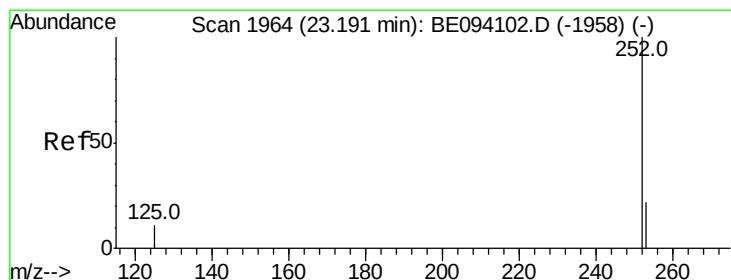
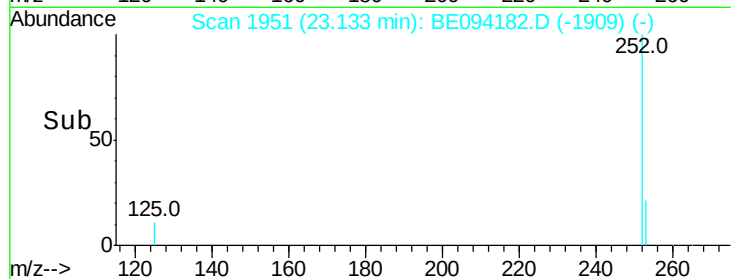
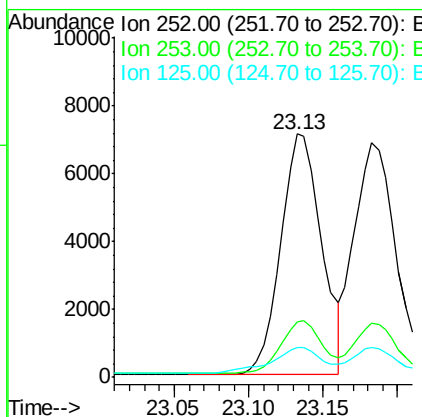
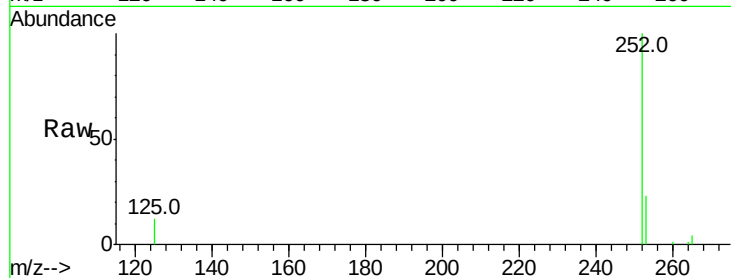




#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.13 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BE094182.D
Acq: 6 Oct 2017 16:51

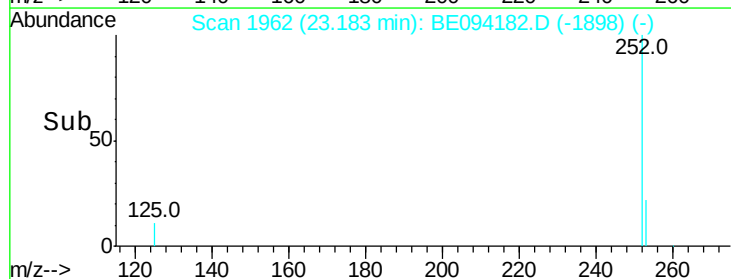
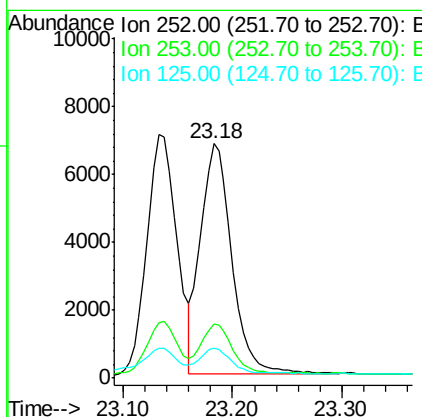
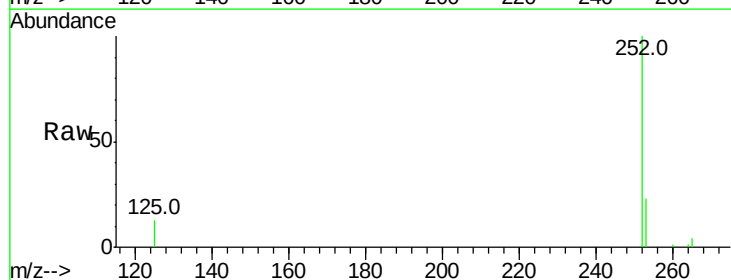
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

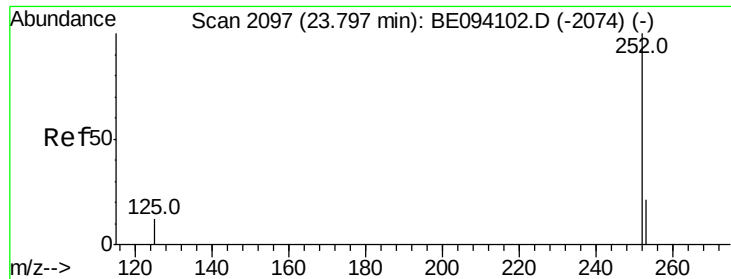
Tot Ion:252 Resp: 13497
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.5 10.1 15.1



#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.18 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE094182.D
Acq: 6 Oct 2017 16:51

Tgt Ion:252 Resp: 13579
Ion Ratio Lower Upper
252 100
253 23.0 18.6 27.8
125 12.6 10.7 16.1





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

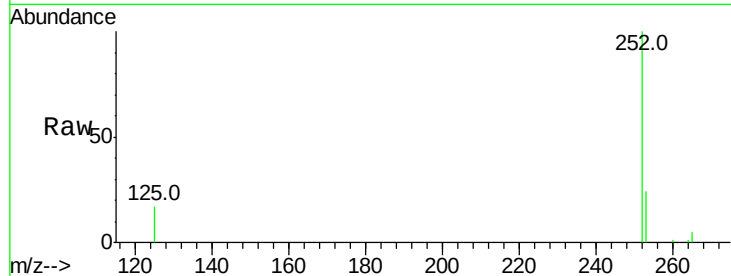
Tot Ion:252 Resp: 13205

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.6

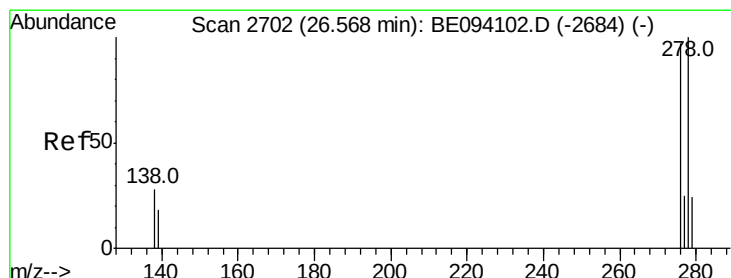
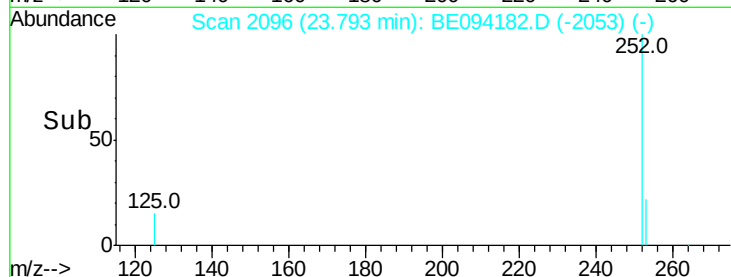
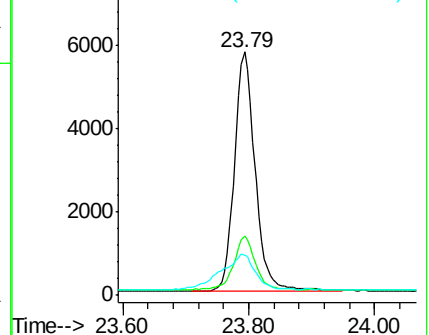
125 16.7 11.8 17.8



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: 0.389 ng

RT: 26.56 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

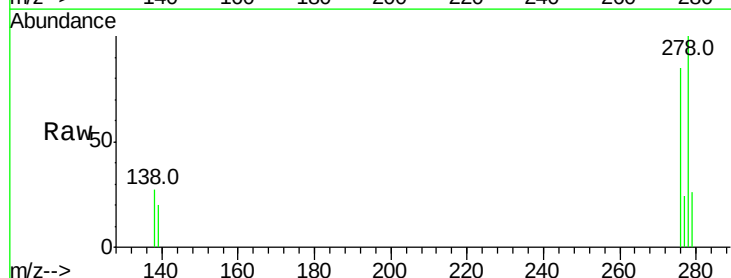
Tgt Ion:278 Resp: 11737

Ion Ratio Lower Upper

278 100

139 20.2 16.3 24.5

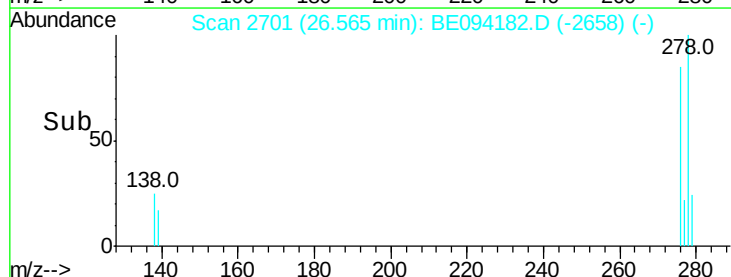
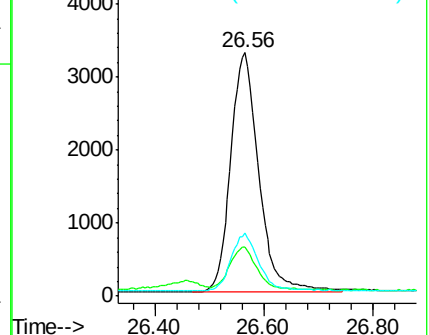
279 25.8 19.9 29.9

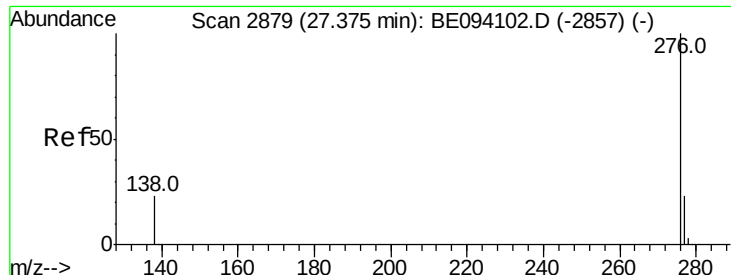


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.388 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BE094182.D

Acq: 6 Oct 2017 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

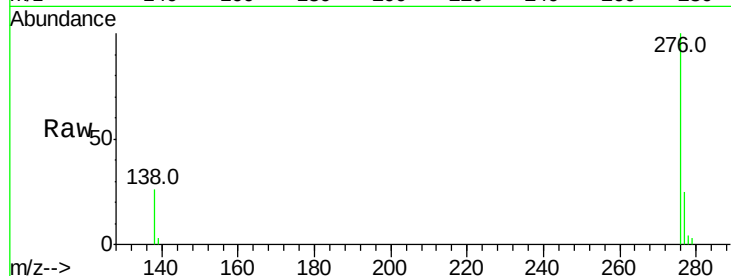
Tot Ion:276 Resp: 11963

Ion Ratio Lower Upper

276 100

277 25.4 20.8 31.2

138 25.5 21.5 32.3



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

