

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094457.D
 Acq On : 19 Oct 2017 21:30
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 20 12:42:54 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1311	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	6784	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4079	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	7504	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9652	0.40	ng	0.00
34) Perylene-d12	23.95	264	9134	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.51	112	1893	0.43	ng	0.00
5) Phenol-d6	7.13	99	2899	0.42	ng	0.00
8) Nitrobenzene-d5	9.08	82	2437	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4659	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	610	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6212	0.43	ng	0.00
25) Fluoranthene-d10	19.28	212	45084	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	7735	0.40	ng	0.00

Target Compounds

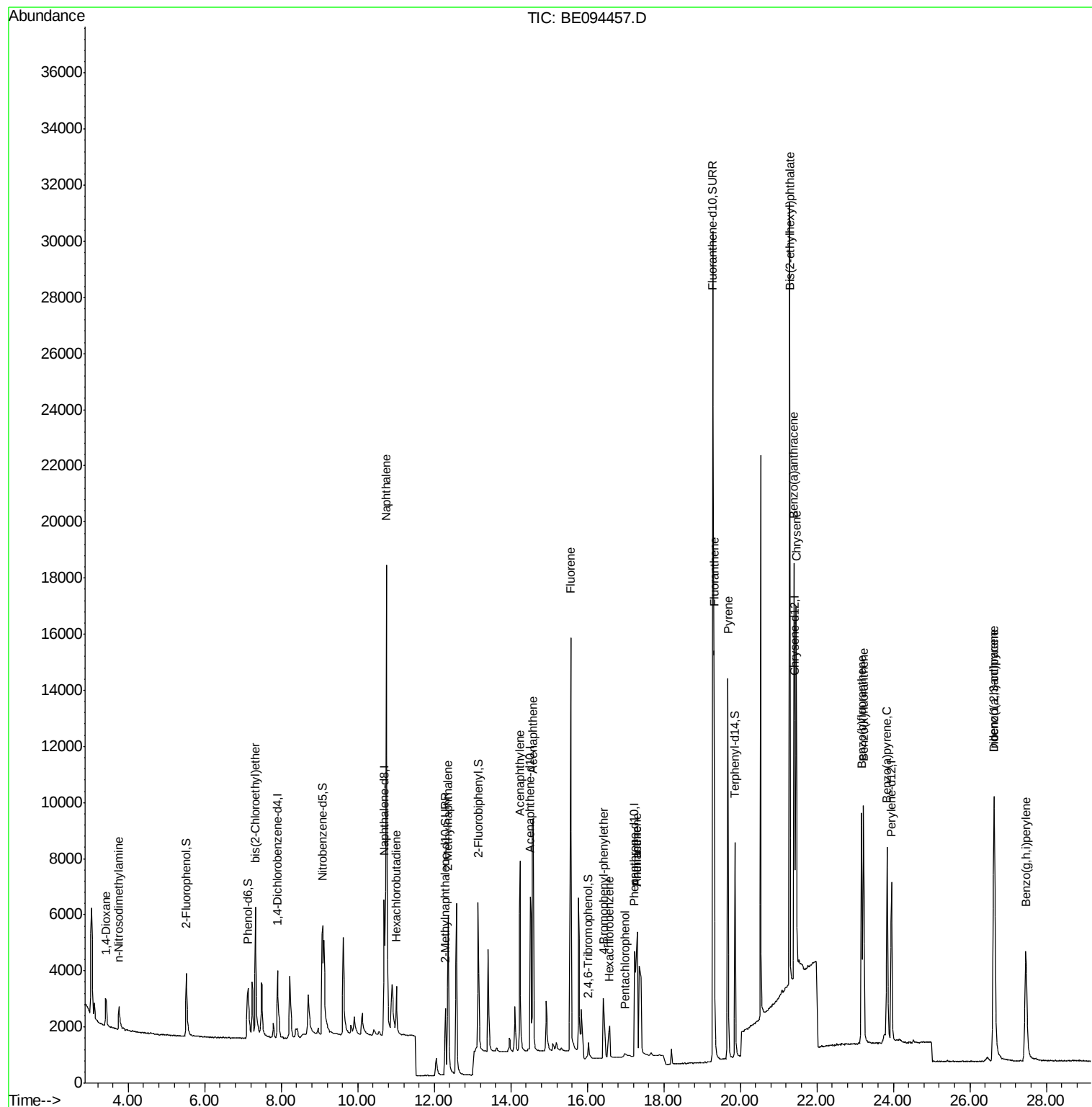
						Qvalue
2) 1,4-Dioxane	3.42	88	938	0.422	ng	# 84
3) n-Nitrosodimethylamine	3.75	42	877	0.385	ng	# 93
6) bis(2-Chloroethyl)ether	7.33	93	2182	0.427	ng	90
9) Naphthalene	10.74	128	33209	0.438	ng	100
10) Hexachlorobutadiene	11.01	225	1265	0.417	ng	97
12) 2-Methylnaphthalene	12.36	142	5623	0.450	ng	99
16) Acenaphthylene	14.24	152	9286	0.420	ng	100
17) Acenaphthene	14.58	154	5846	0.420	ng	98
18) Fluorene	15.56	166	7480	0.416	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	1727	0.460	ng	# 18
21) Hexachlorobenzene	16.58	284	1999	0.280	ng	# 38
22) Pentachlorophenol	16.97	266	248	0.470	ng	87
23) Phenanthrene	17.30	178	9091	0.308	ng	98
24) Anthracene	17.30	178	9091	0.398	ng	97
26) Fluoranthene	19.31	202	13640	0.372	ng	100
28) Pyrene	19.67	202	14274	0.392	ng	99
30) Benzo(a)anthracene	21.40	228	13631	0.408	ng	# 62
31) Chrysene	21.46	228	13183	0.410	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.29	149	34141	0.355	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	13144	0.406	ng	99
35) Benzo(b)fluoranthene	23.17	252	12725	0.411	ng	# 43
36) Benzo(k)fluoranthene	23.22	252	12795	0.419	ng	# 43
37) Benzo(a)pyrene	23.84	252	11974	0.411	ng	# 37
38) Dibenzo(a,h)anthracene	26.63	278	11450	0.415	ng	# 47
39) Benzo(g,h,i)perylene	27.47	276	11028	0.416	ng	# 56

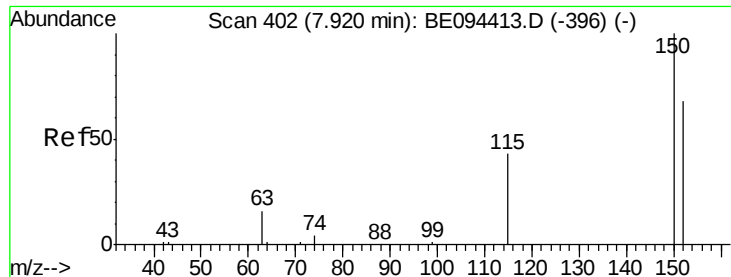
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

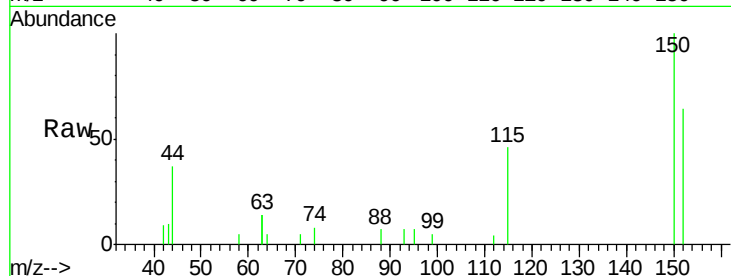
Tgt Ion: 152 Resp: 1311

Ion Ratio Lower Upper

152 100

150 155.5 117.2 175.8

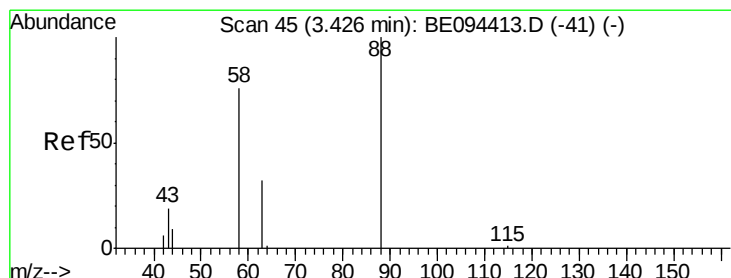
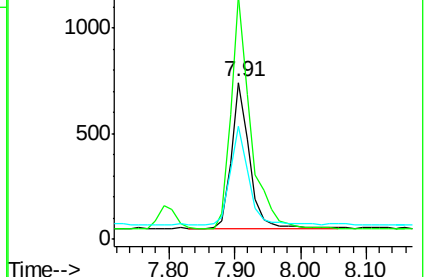
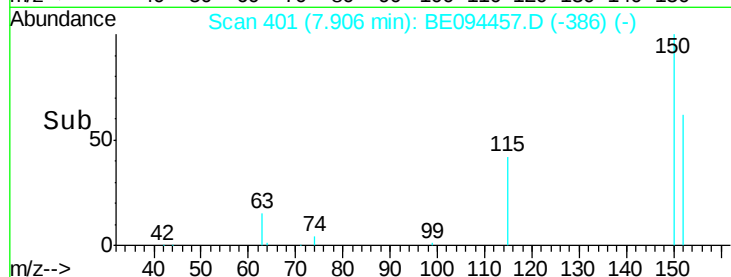
115 72.1 57.0 85.6



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: 0.422 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

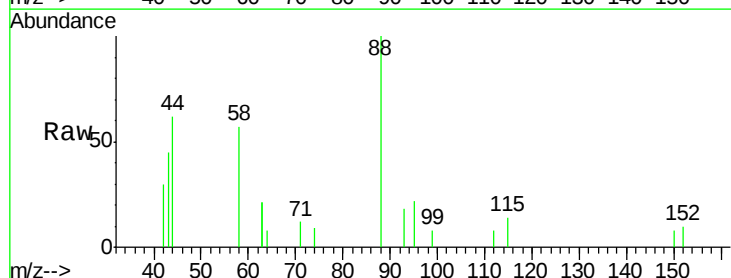
Tgt Ion: 88 Resp: 938

Ion Ratio Lower Upper

88 100

58 80.9 63.2 94.8

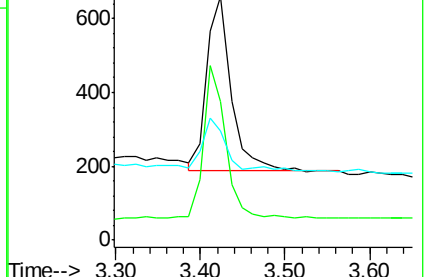
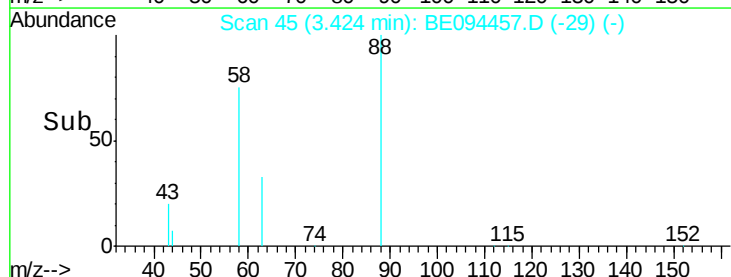
43 25.5 41.2 61.8#

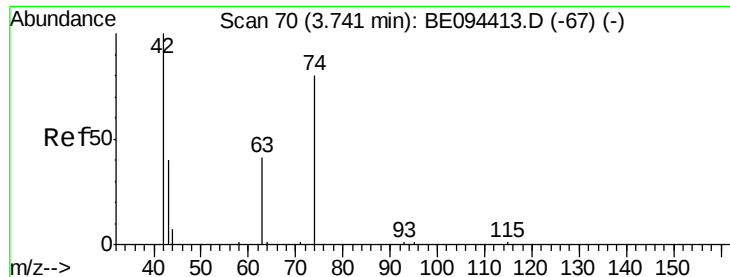


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

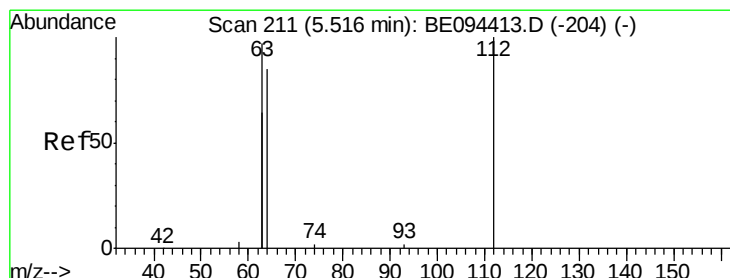
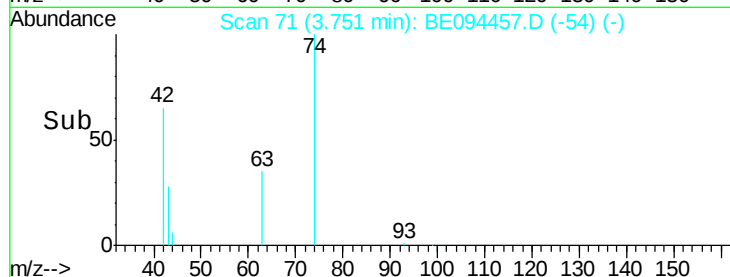
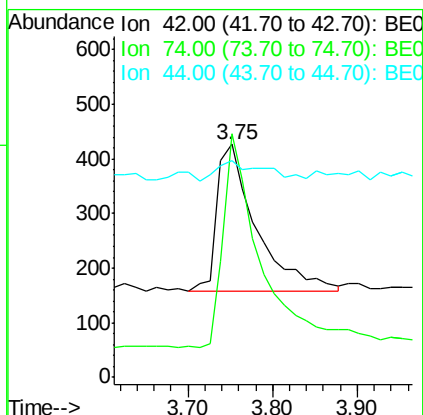
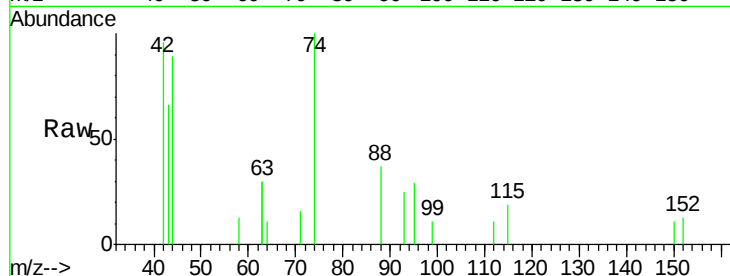




#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

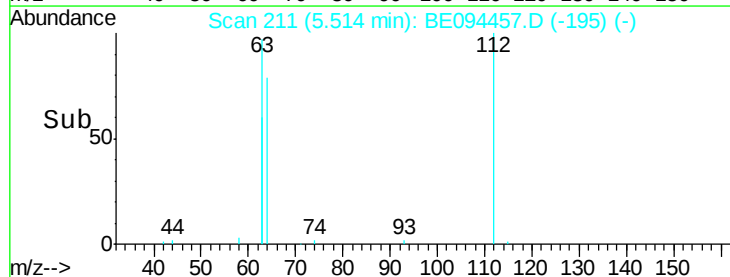
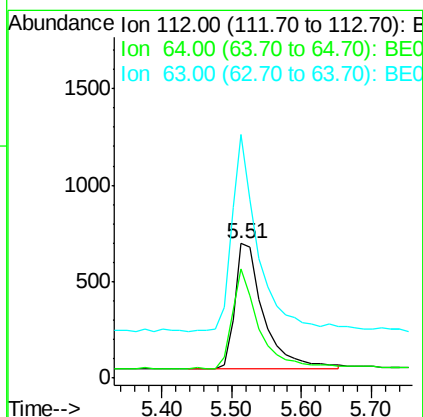
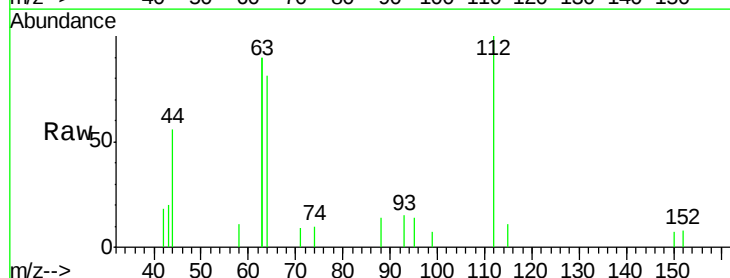
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

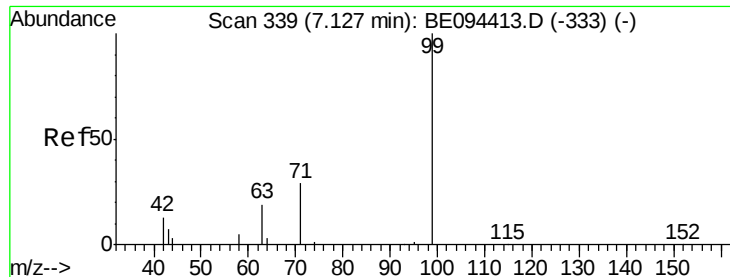
Tgt Ion: 42 Resp: 877
Ion Ratio Lower Upper
42 100
74 132.4 100.3 150.5
44 16.6 17.0 25.4#



#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion: 112 Resp: 1893
Ion Ratio Lower Upper
112 100
64 72.6 60.1 90.1
63 140.8 116.8 175.2





#5

Phenol-d6

Concen: 0.420 ng

RT: 7.13 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

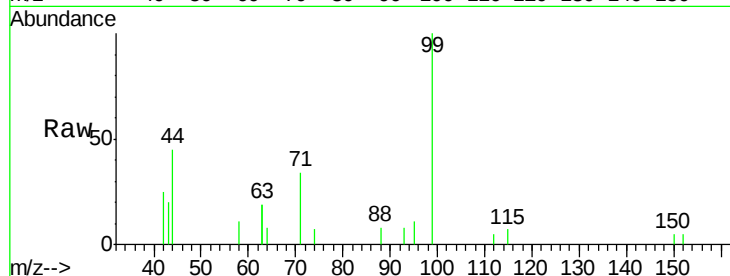
Tgt Ion: 99 Resp: 2899

Ion Ratio Lower Upper

99 100

42 18.7 20.2 30.2#

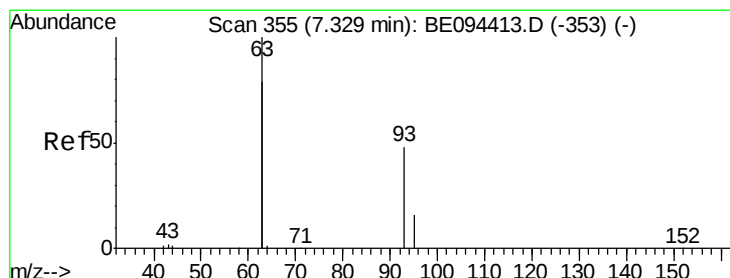
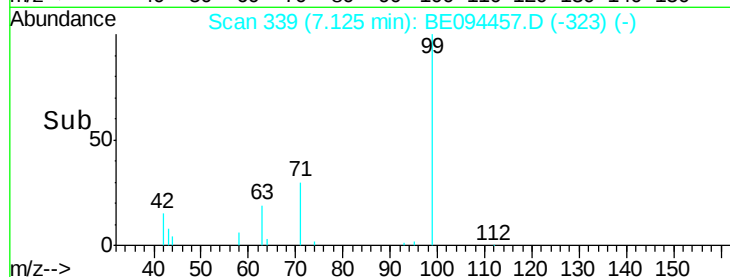
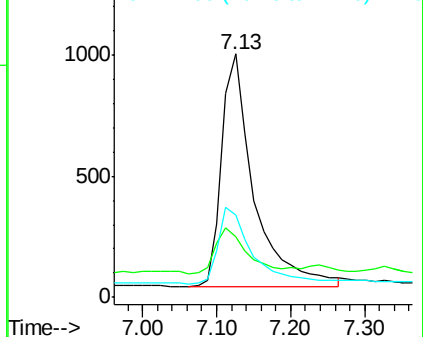
71 34.7 28.4 42.6



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: 0.427 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

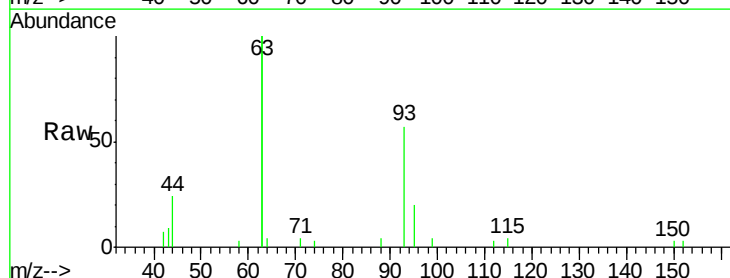
Tgt Ion: 93 Resp: 2182

Ion Ratio Lower Upper

93 100

63 321.8 275.3 412.9

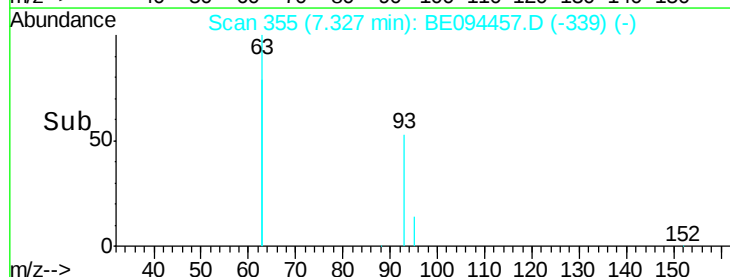
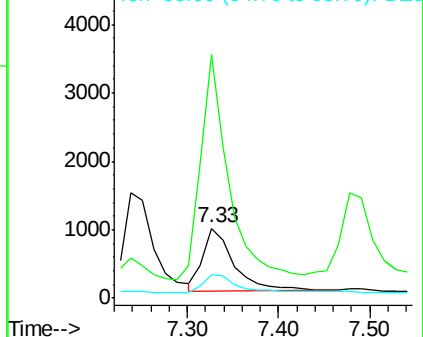
95 29.8 25.2 37.8

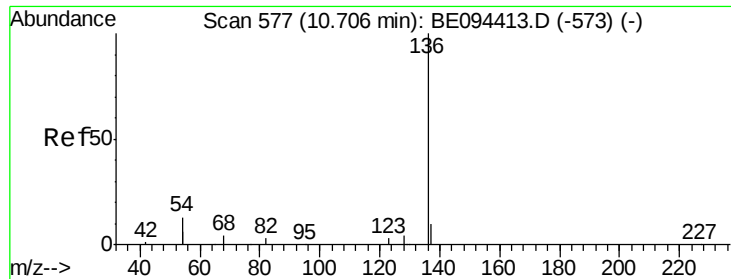


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.02 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 6784

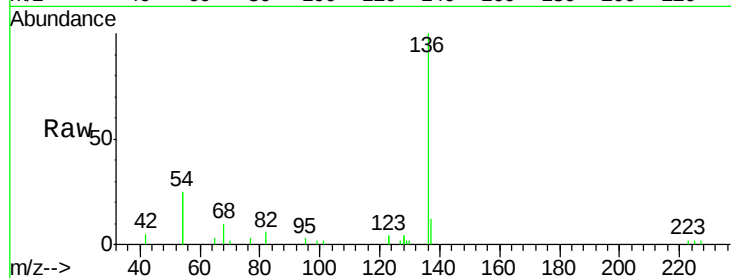
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 50.5 29.1 43.7#

68 10.1 6.2 9.2#

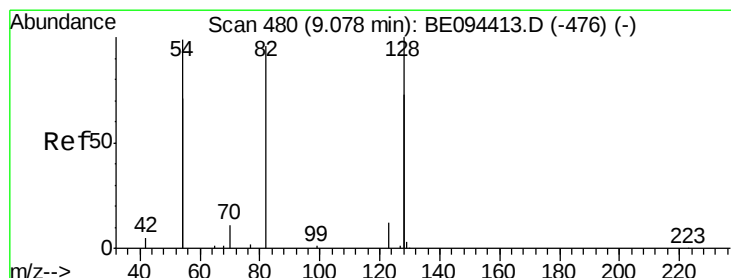
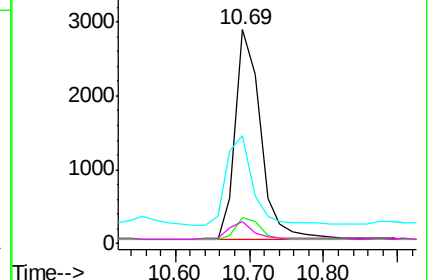
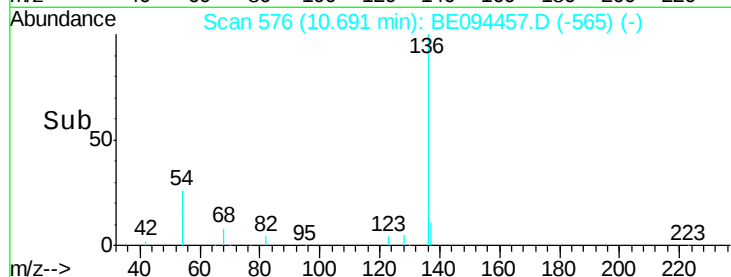


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.413 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

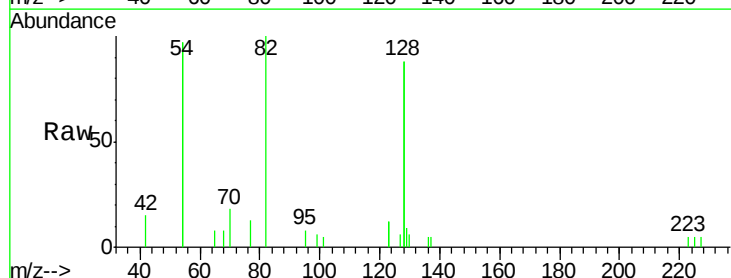
Tgt Ion: 82 Resp: 2437

Ion Ratio Lower Upper

82 100

128 176.7 150.0 225.0

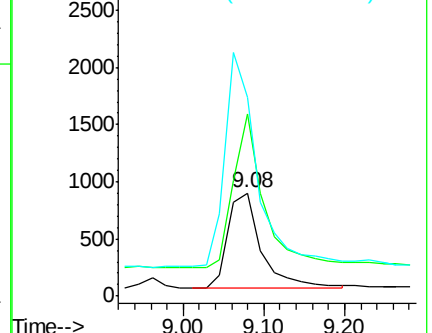
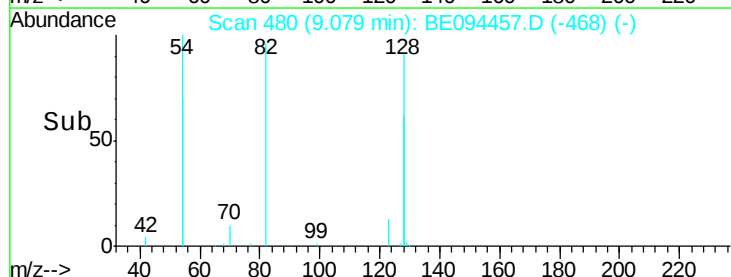
54 193.6 154.2 231.4

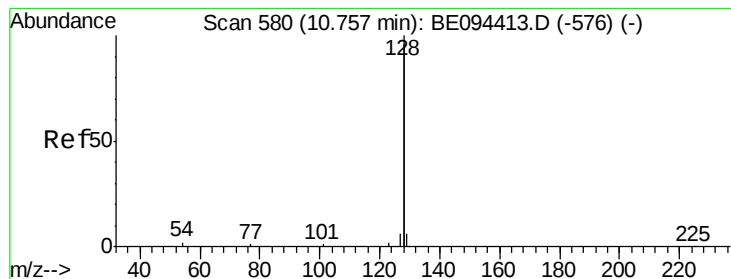


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.438 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

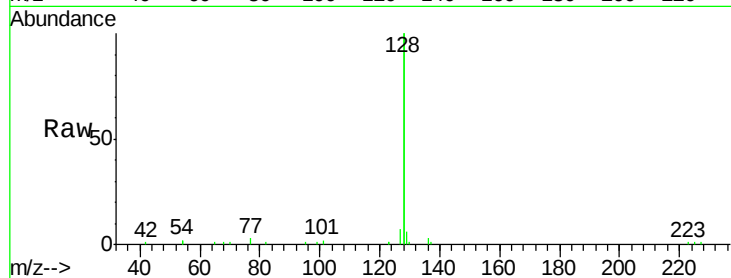
Tgt Ion:128 Resp: 33209

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

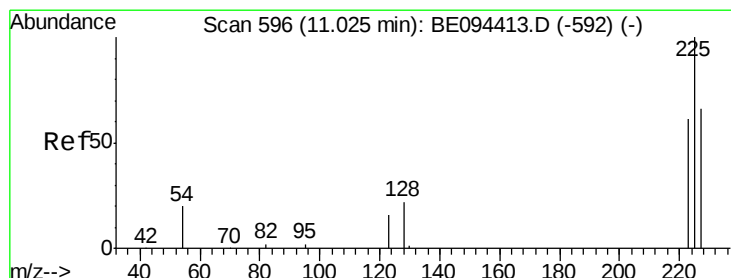
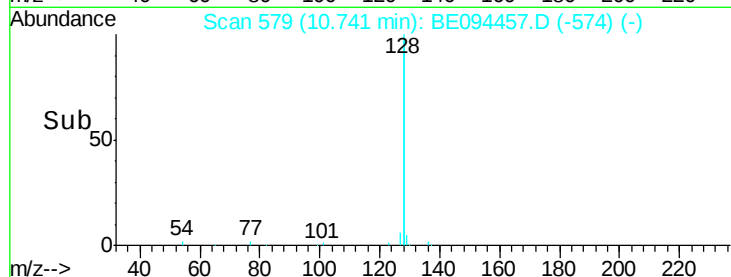
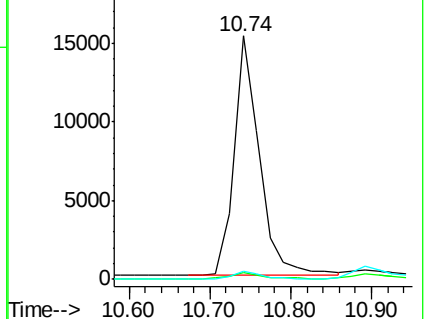
127 3.5 2.8 4.2



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: 0.417 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

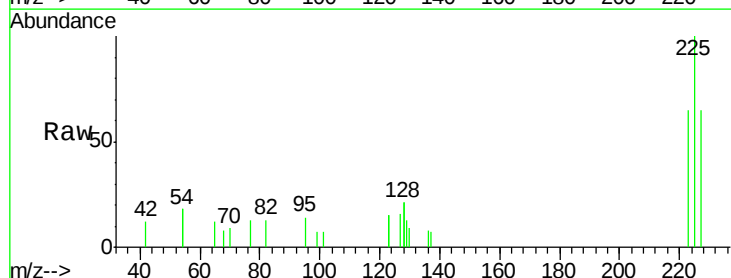
Tgt Ion:225 Resp: 1265

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

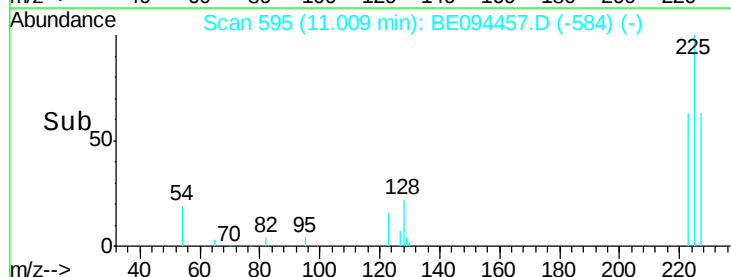
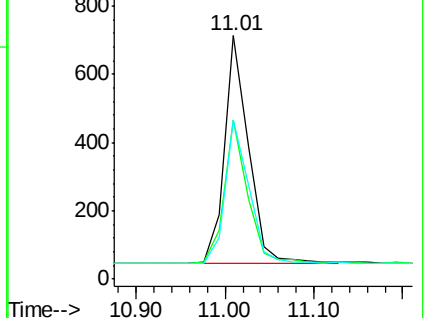
227 63.5 51.4 77.2

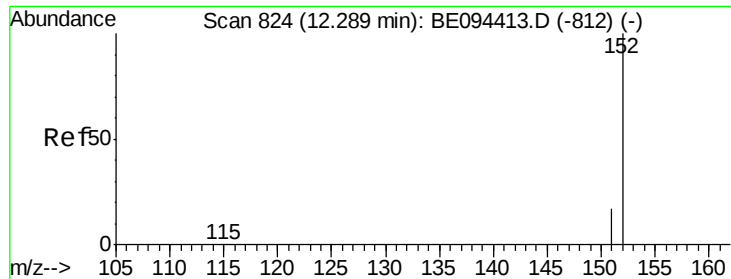


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

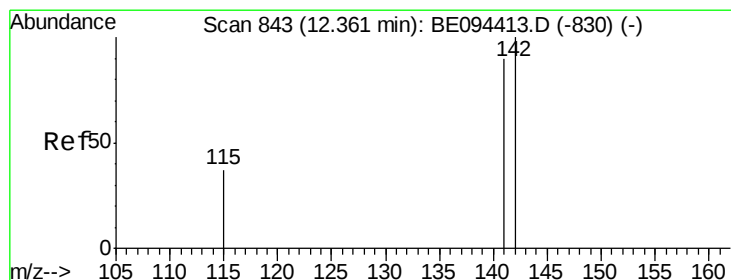
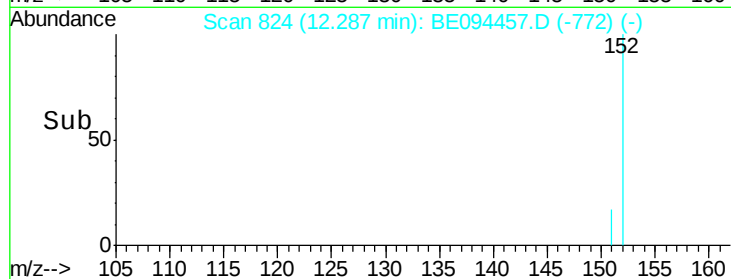
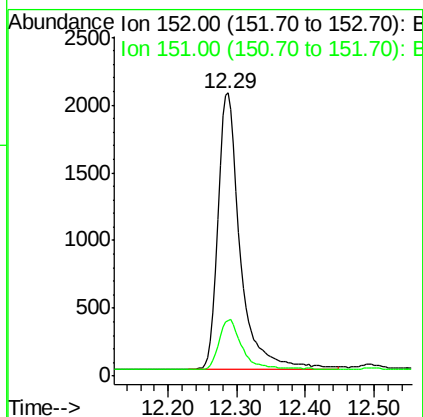
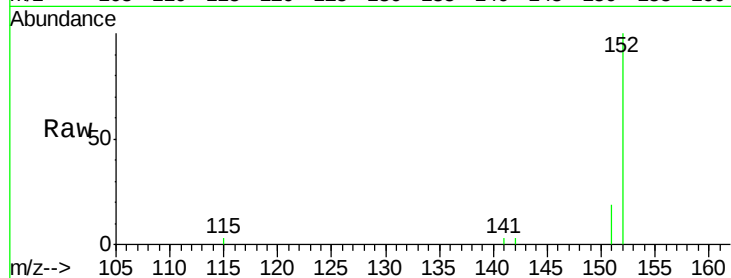




#11
 2-Methylnaphthalene-d10
 Concen: 0.446 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

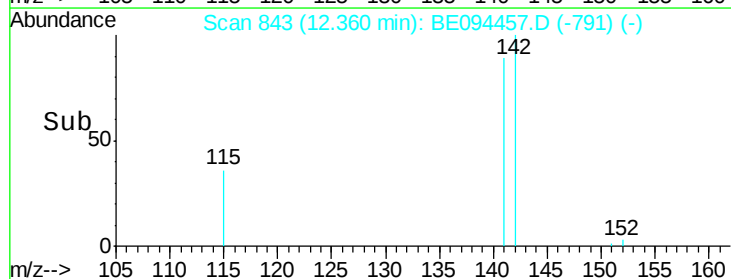
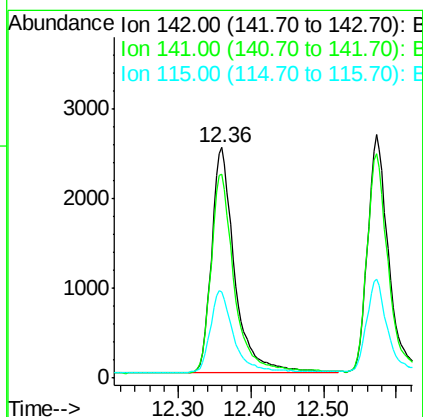
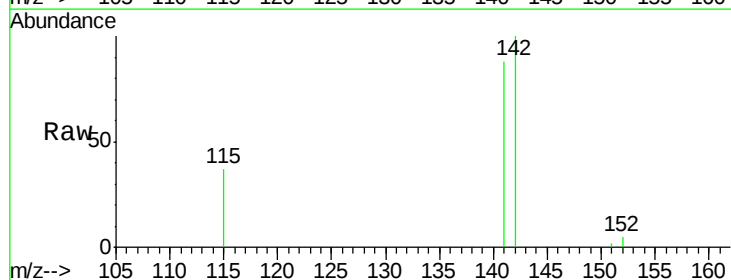
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

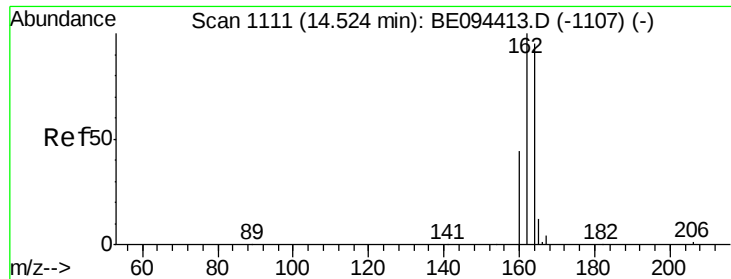
Tgt Ion:152 Resp: 4659
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.450 ng
 RT: 12.36 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion:142 Resp: 5623
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.4 105.6
 115 37.4 31.7 47.5

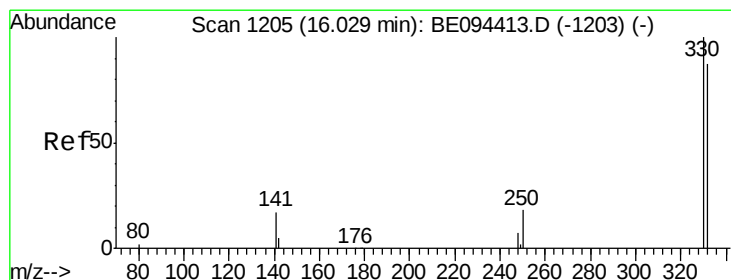
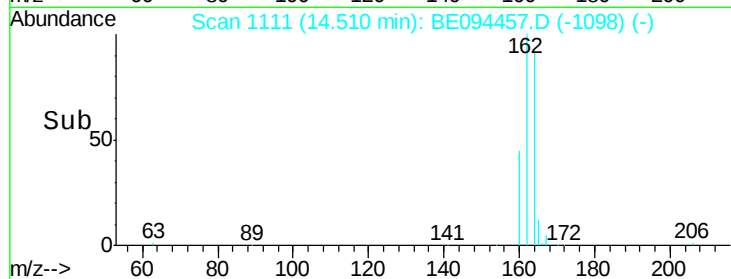
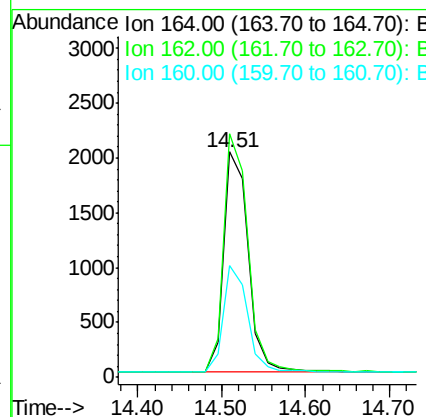
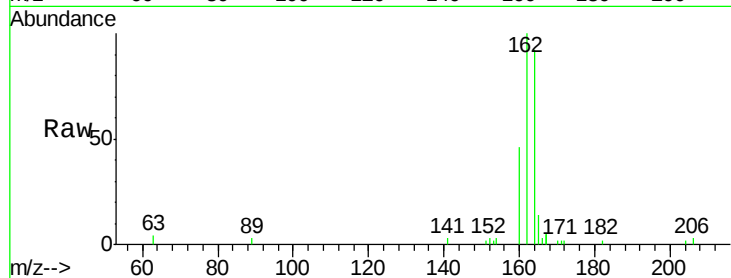




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

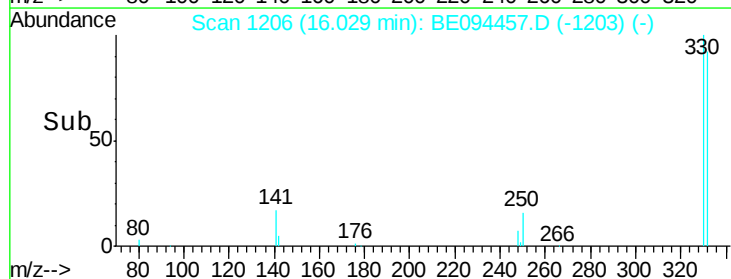
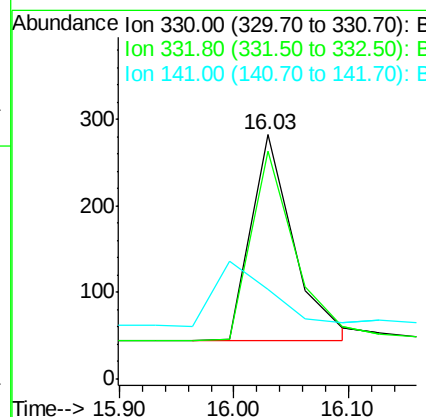
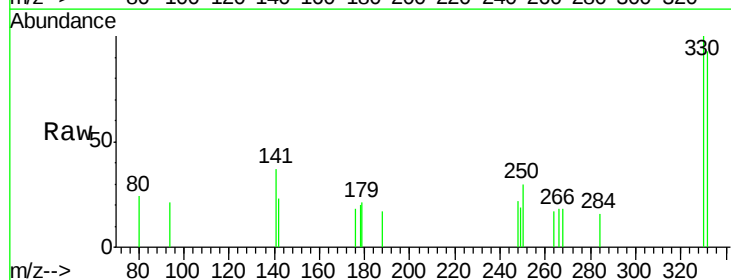
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

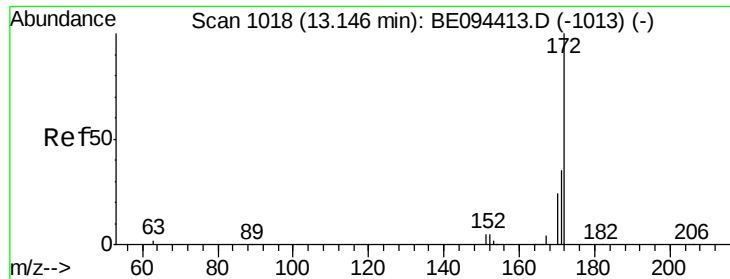
Tgt Ion:164 Resp: 4079
 Ion Ratio Lower Upper
 164 100
 162 108.2 83.1 124.7
 160 49.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.393 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion:330 Resp: 610
 Ion Ratio Lower Upper
 330 100
 332 95.6 152.7 229.1#
 141 0.0 33.7 50.5#

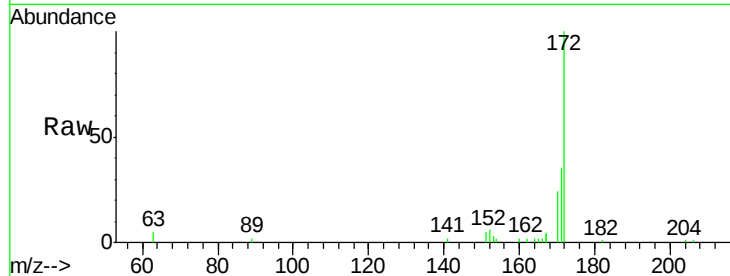




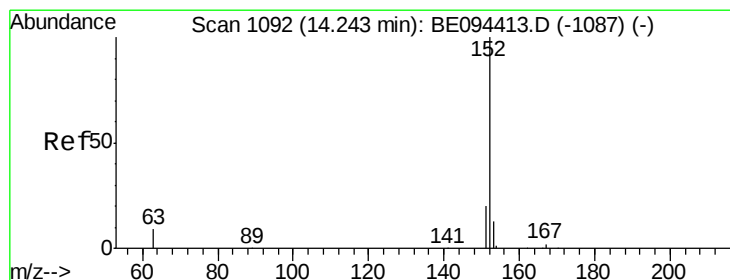
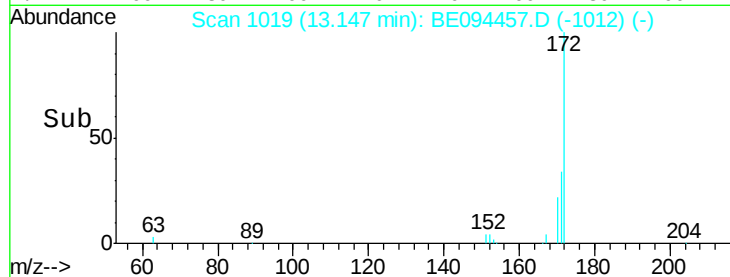
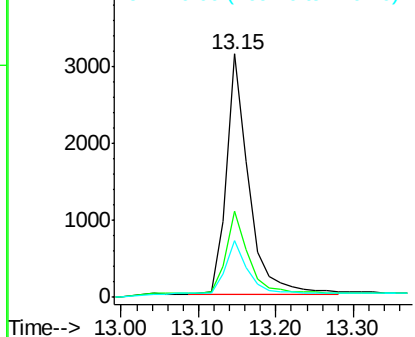
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6212
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 23.5 21.8 32.8

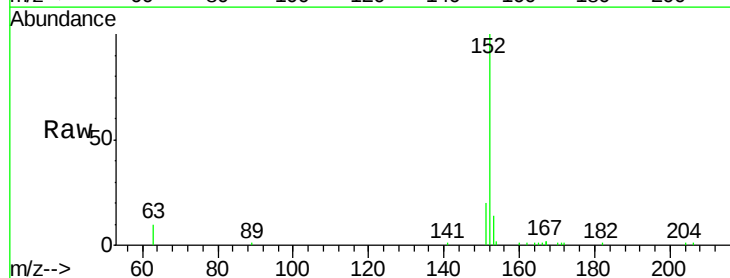


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

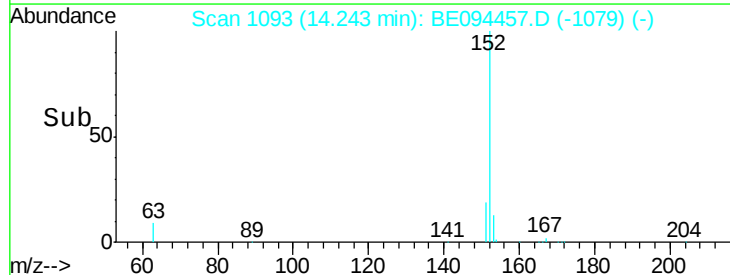
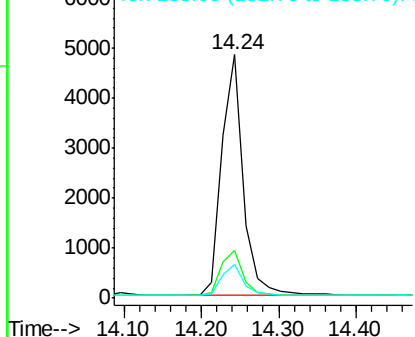


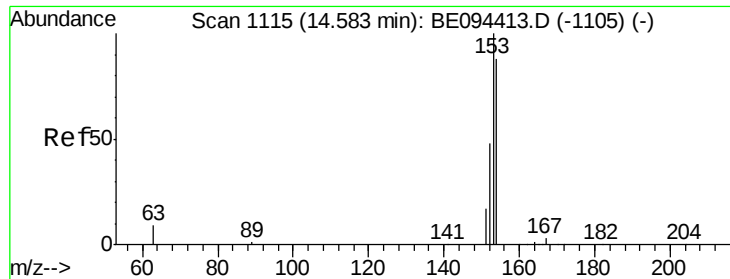
#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:152 Resp: 9286
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 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: 0.420 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

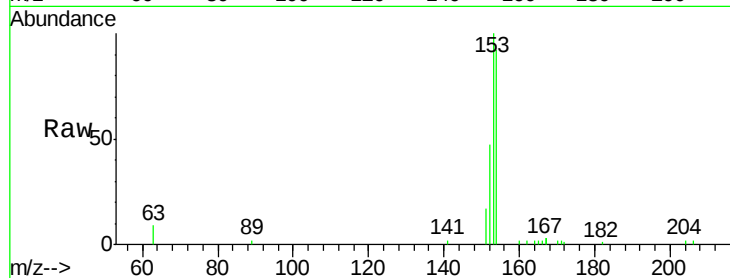
Tgt Ion:154 Resp: 5846

Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

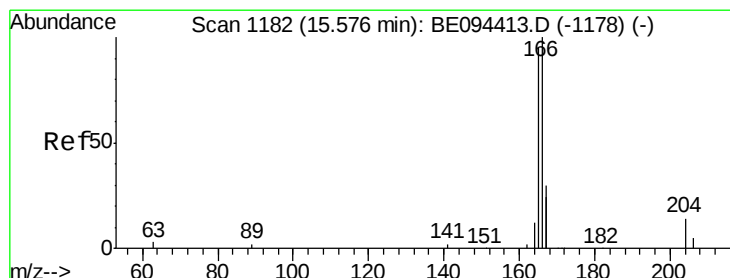
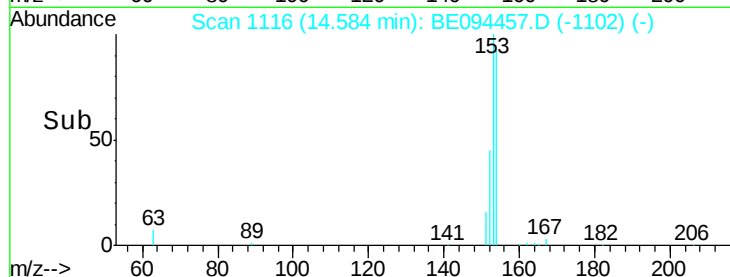
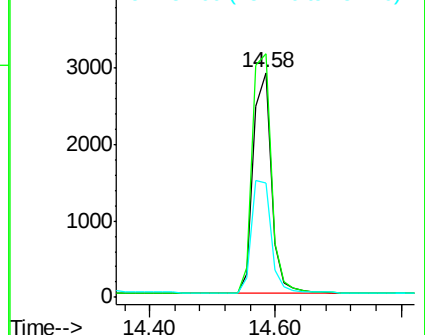
152 54.2 42.0 63.0



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: 0.416 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

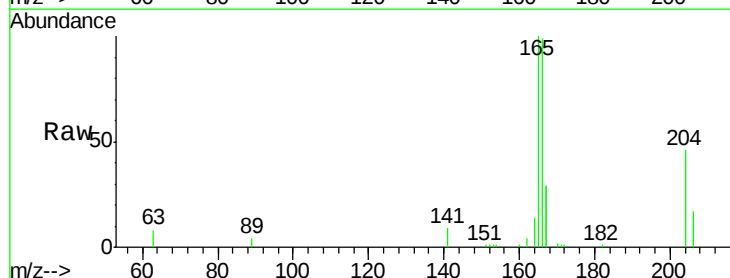
Tgt Ion:166 Resp: 7480

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.6

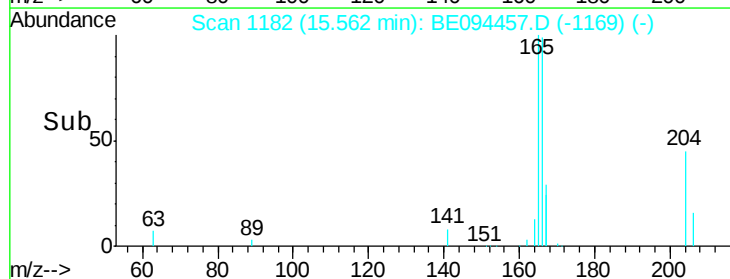
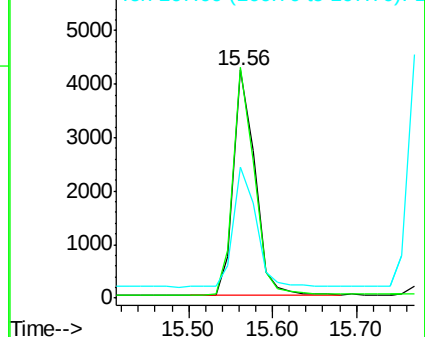
167 56.1 42.4 63.6

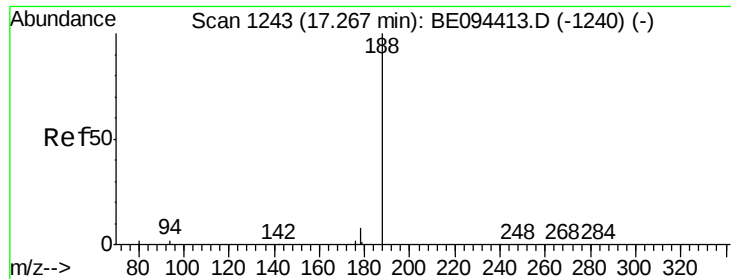


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.03 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

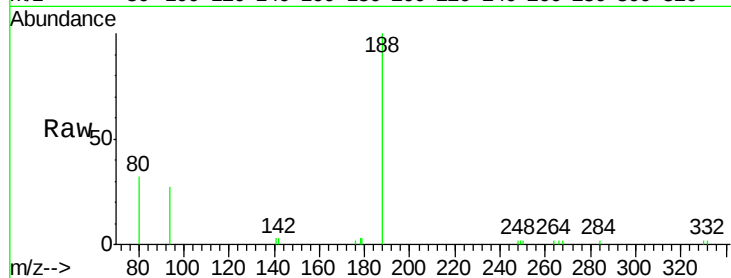
Tgt Ion:188 Resp: 7504

Ion Ratio Lower Upper

188 100

94 27.4 3.9 5.9#

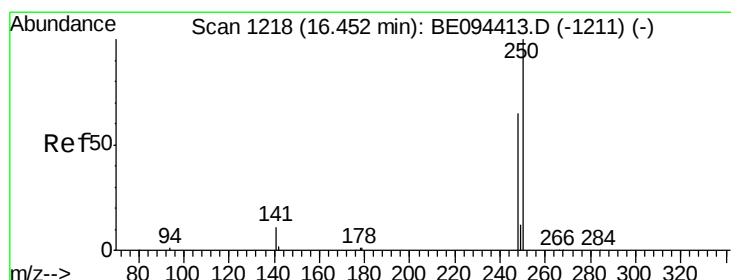
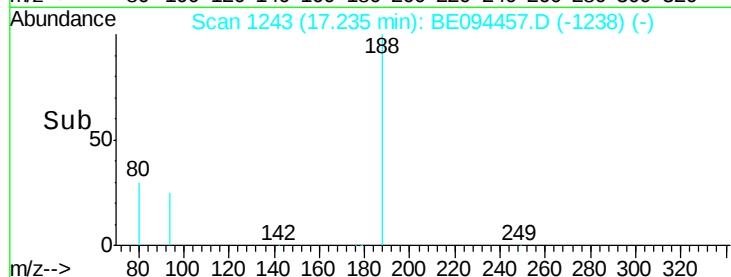
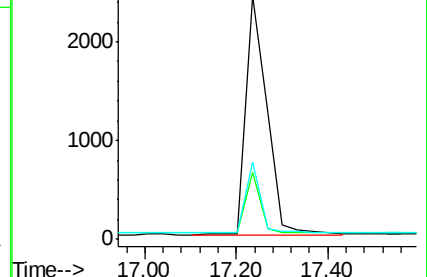
80 31.8 3.6 5.4#



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: 0.460 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

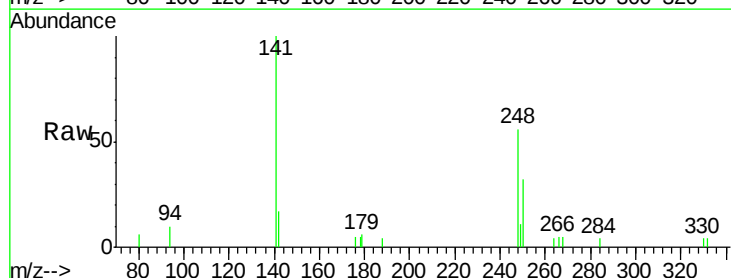
Tgt Ion:248 Resp: 1727

Ion Ratio Lower Upper

248 100

250 56.2 62.7 94.1#

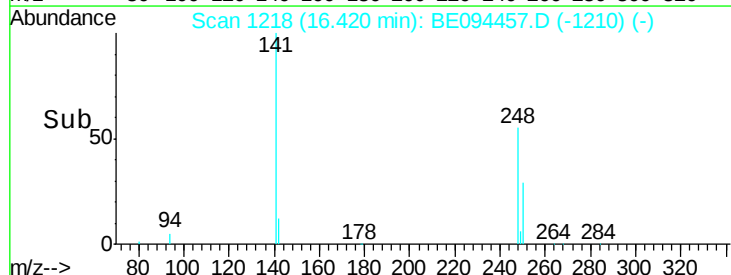
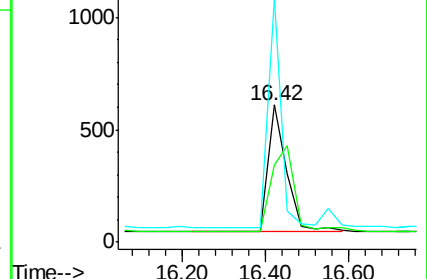
141 177.8 48.2 72.2#



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

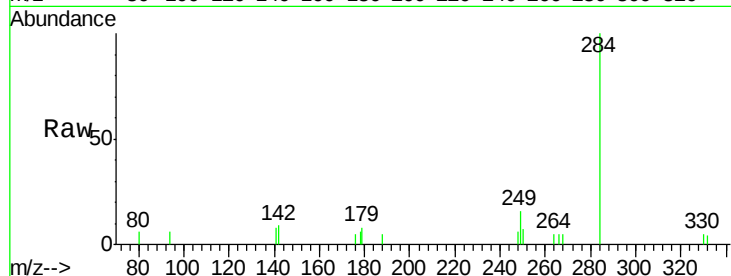




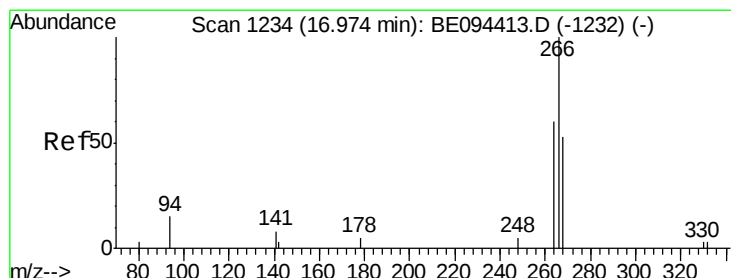
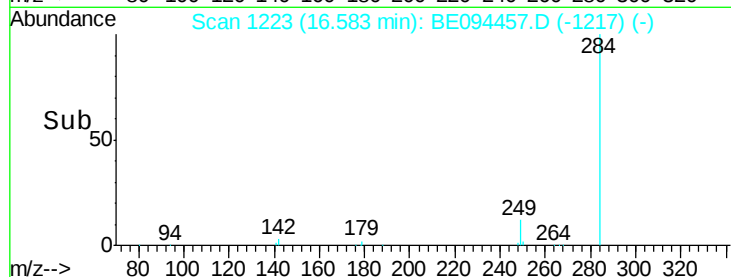
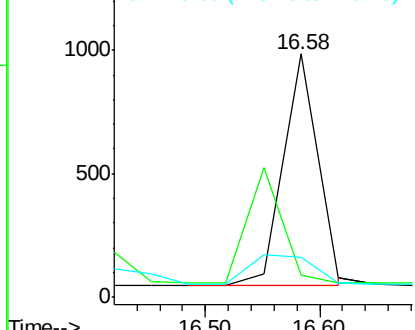
#21
Hexachlorobenzene
Concen: 0.280 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1999
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#

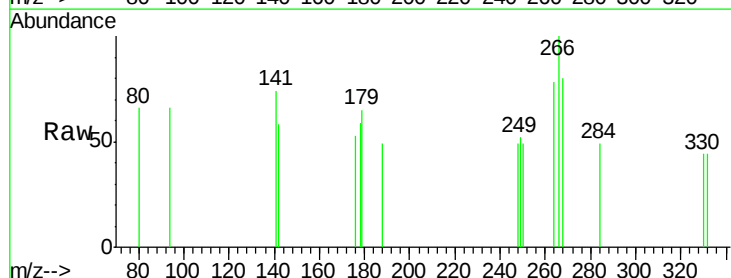


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

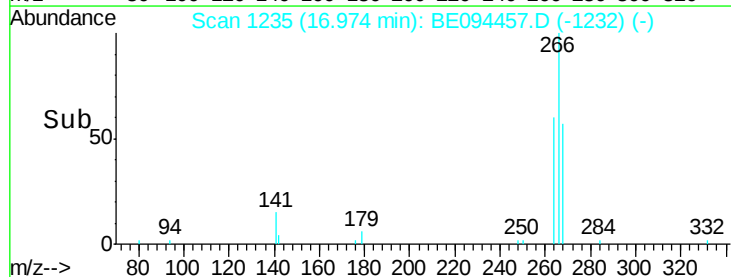
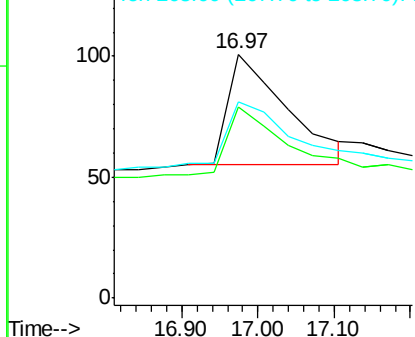


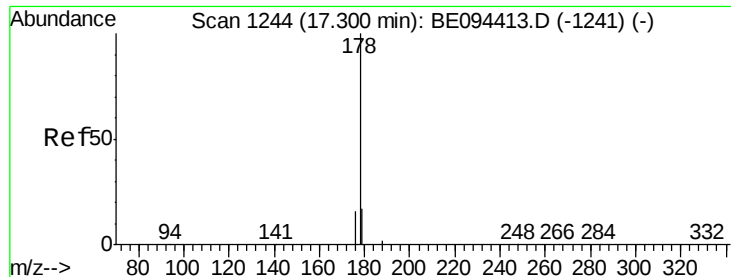
#22
Pentachlorophenol
Concen: 0.470 ng
RT: 16.97 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion: 266 Resp: 248
Ion Ratio Lower Upper
266 100
264 78.2 72.5 108.7
268 80.2 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: 0.308 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

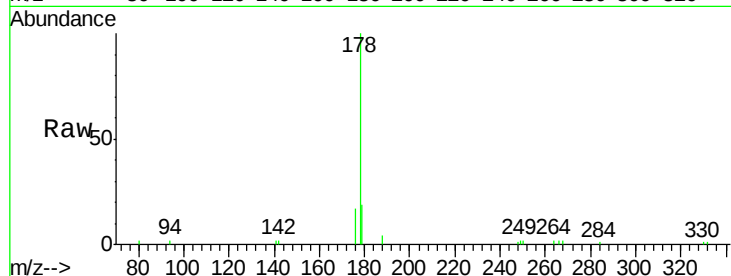
Tgt Ion:178 Resp: 9091

Ion Ratio Lower Upper

178 100

176 18.1 15.1 22.7

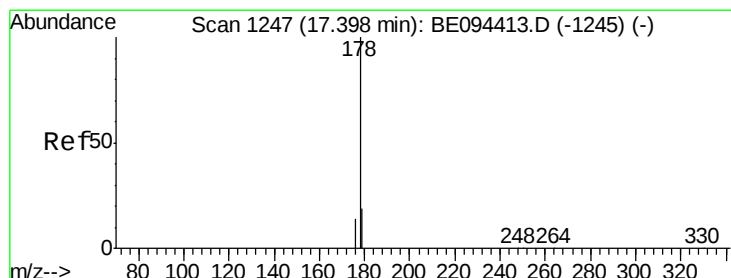
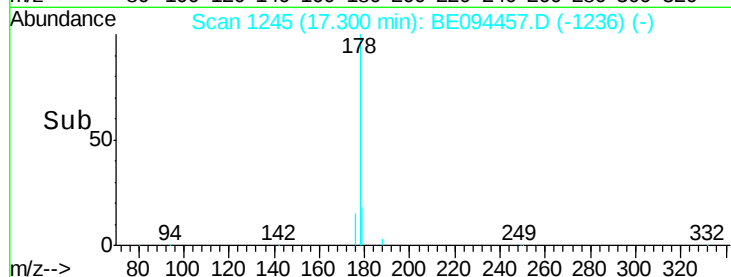
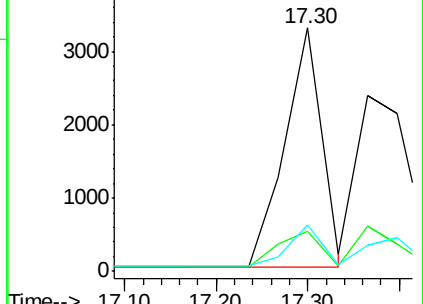
179 16.0 11.8 17.6



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: 0.398 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

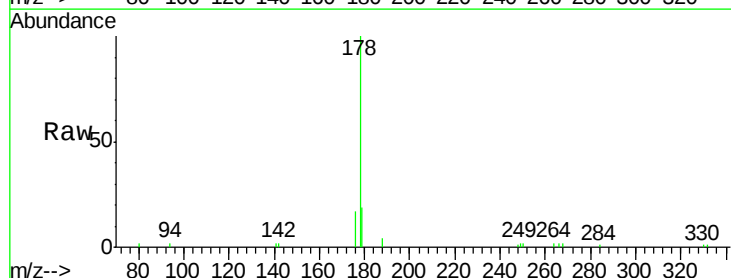
Tgt Ion:178 Resp: 9091

Ion Ratio Lower Upper

178 100

176 18.1 12.8 19.2

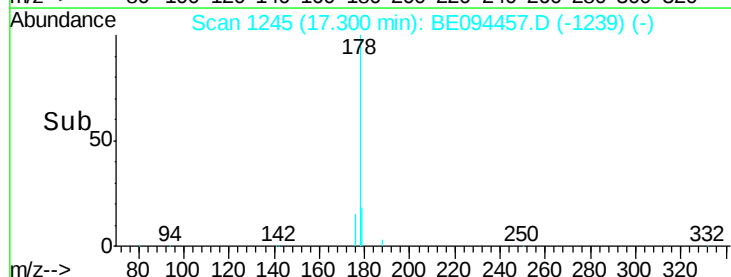
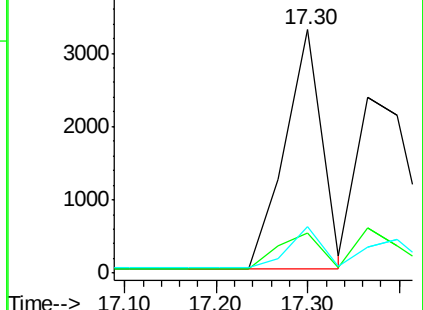
179 16.0 13.0 19.6

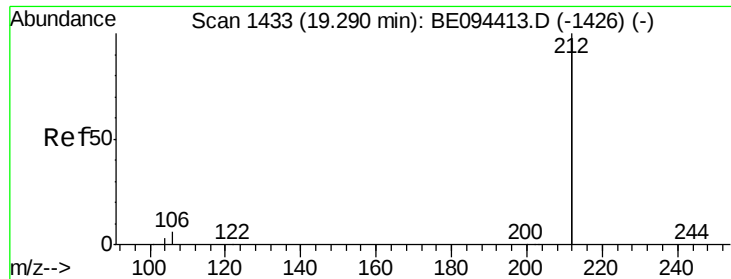


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

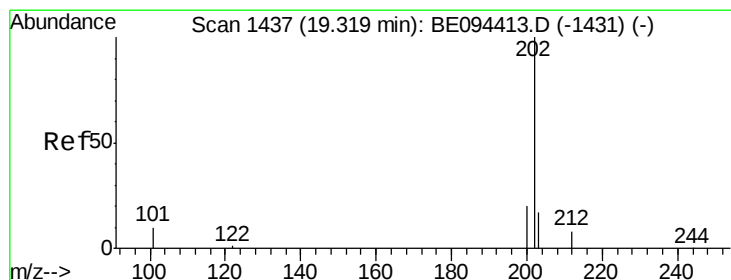
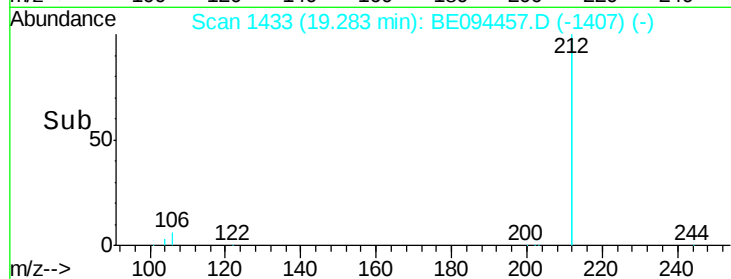
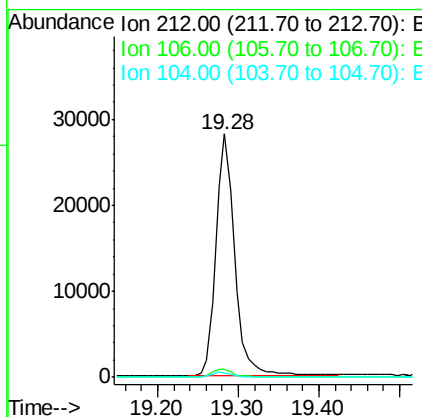
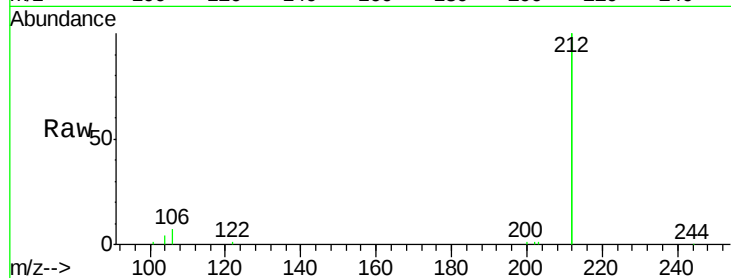




#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

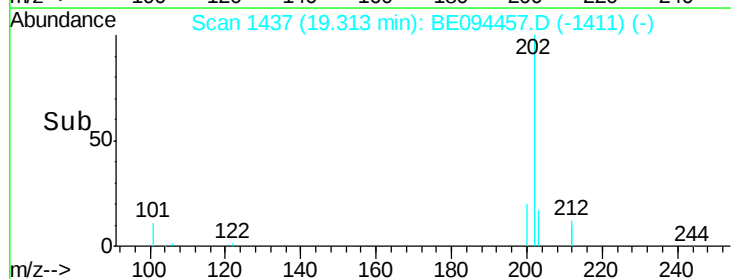
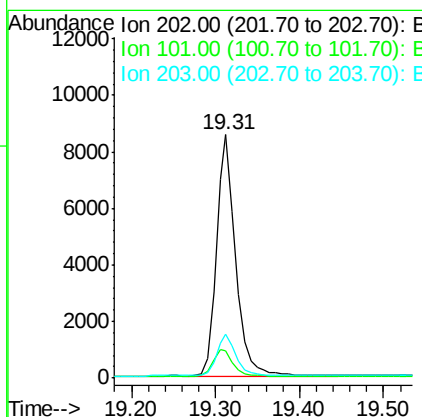
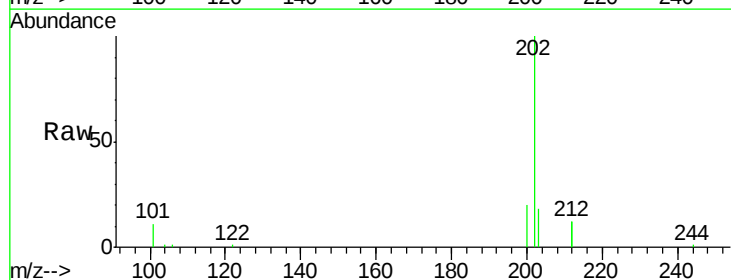
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:212 Resp: 45084
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.372 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion:202 Resp: 13640
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.8
 203 17.4 13.7 20.5

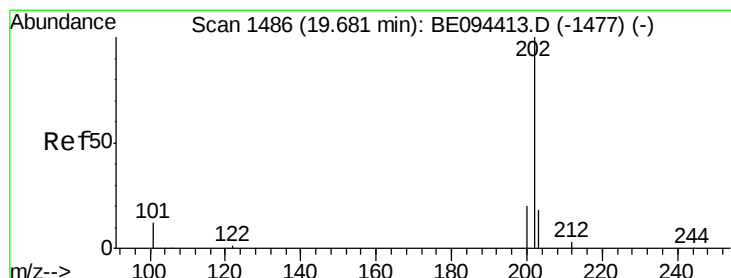
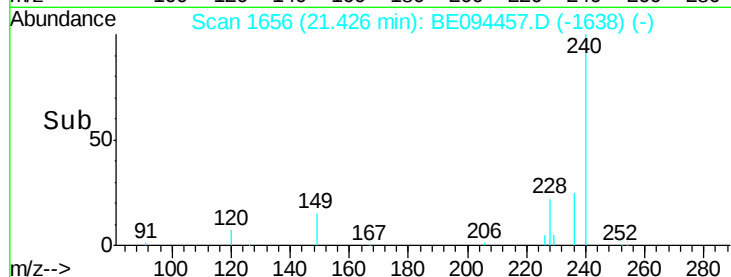
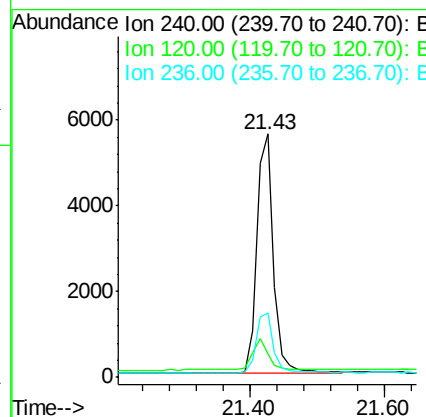
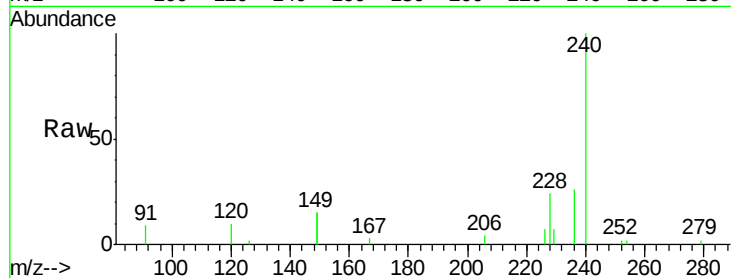




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

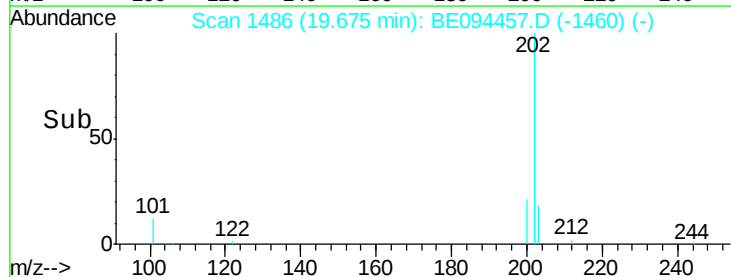
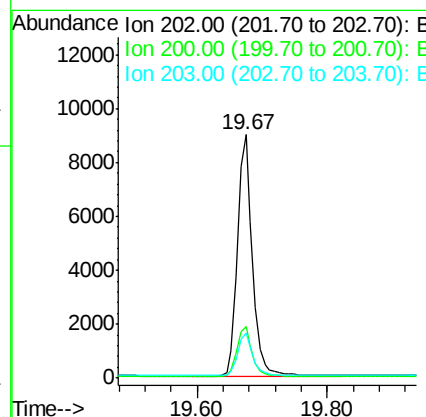
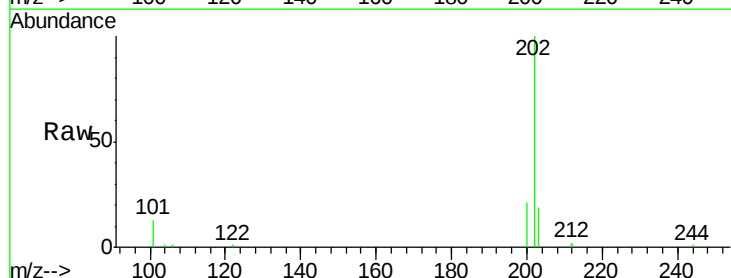
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

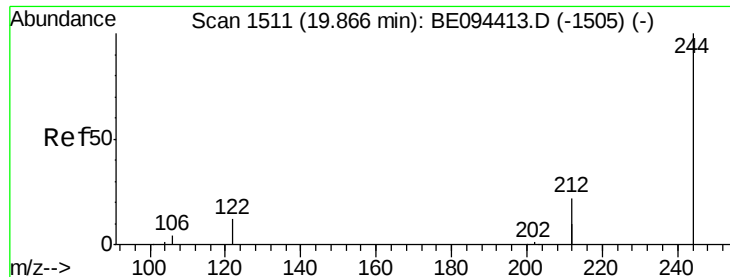
Tgt Ion:240 Resp: 9652
 Ion Ratio Lower Upper
 240 100
 120 9.7 5.5 8.3#
 236 26.4 20.7 31.1



#28
 Pyrene
 Concen: 0.392 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion:202 Resp: 14274
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 17.9 13.8 20.8





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

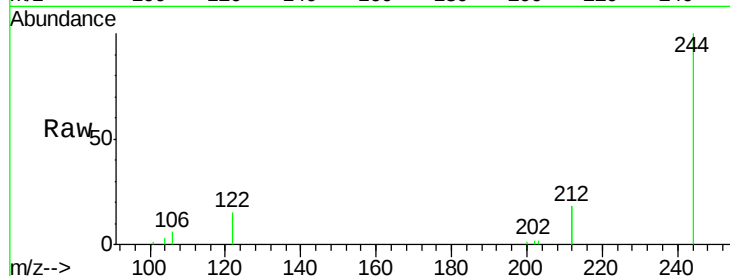
Tgt Ion:244 Resp: 7735

Ion Ratio Lower Upper

244 100

212 36.5 25.4 38.0

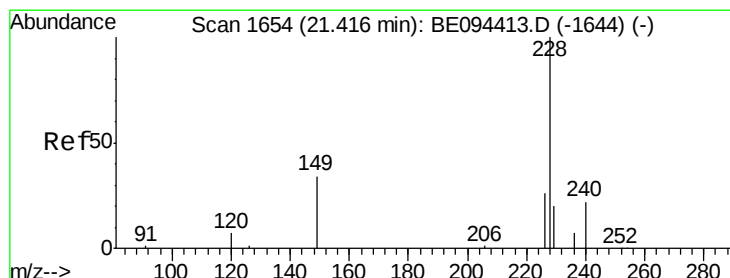
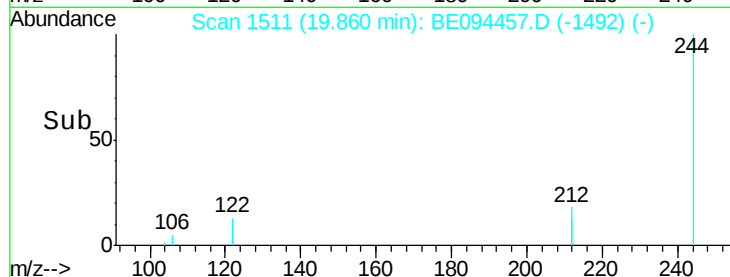
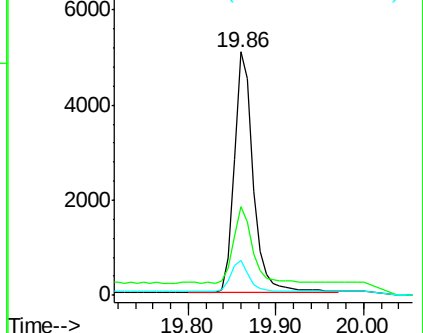
122 14.5 8.1 12.1#



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: 0.408 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

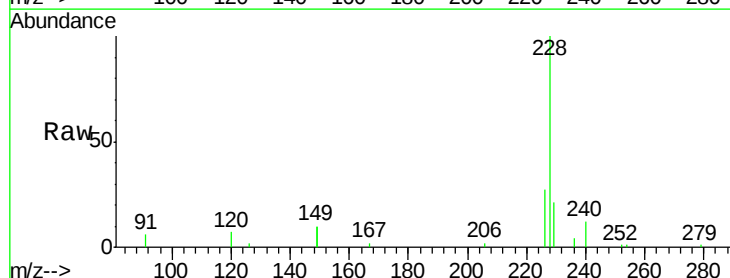
Tgt Ion:228 Resp: 13631

Ion Ratio Lower Upper

228 100

226 27.4 40.0 60.0#

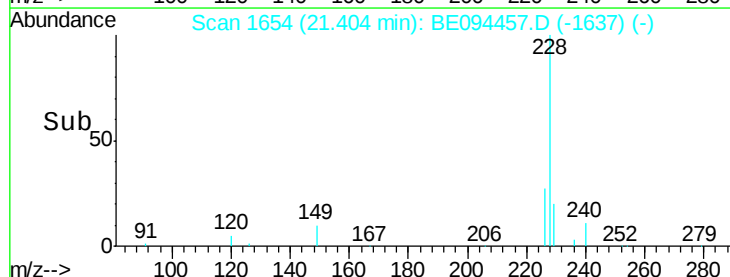
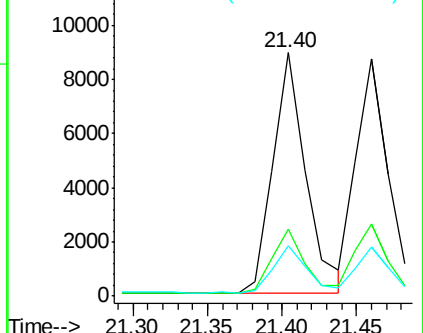
229 20.8 40.0 60.0#

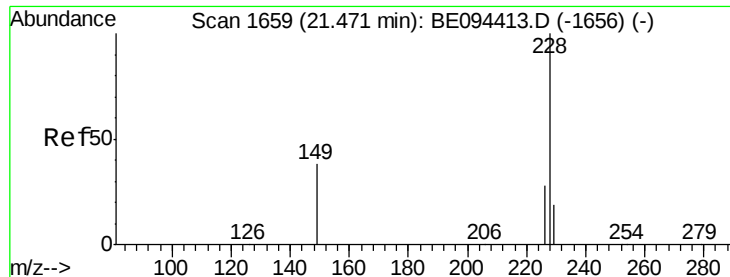


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.410 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

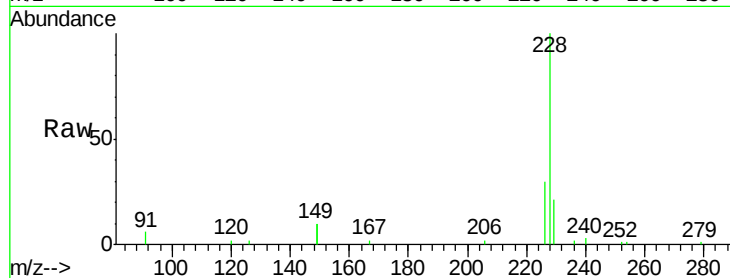
Tgt Ion:228 Resp: 13183

Ion Ratio Lower Upper

228 100

226 30.5 40.0 60.0#

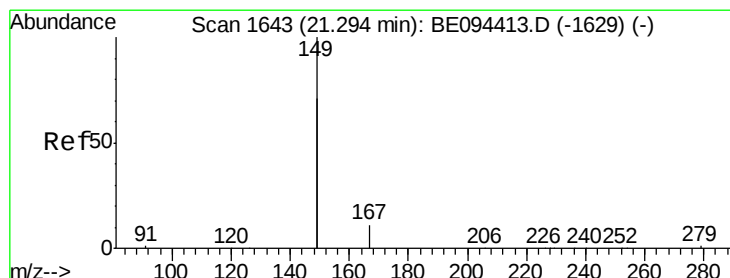
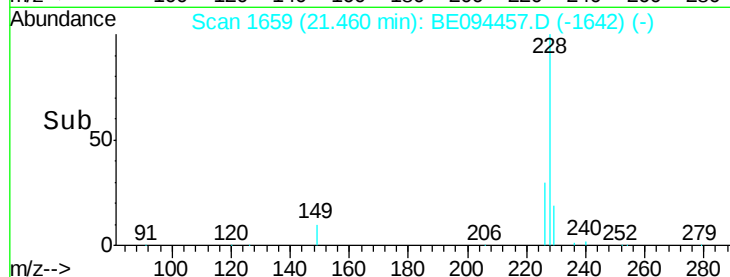
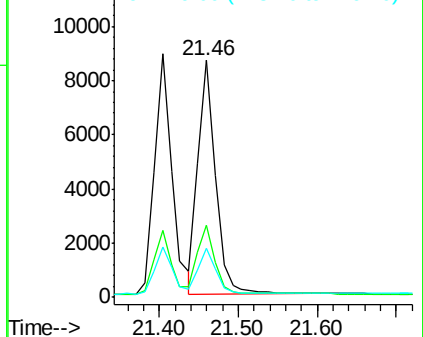
229 20.8 40.0 60.0#



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: 0.355 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

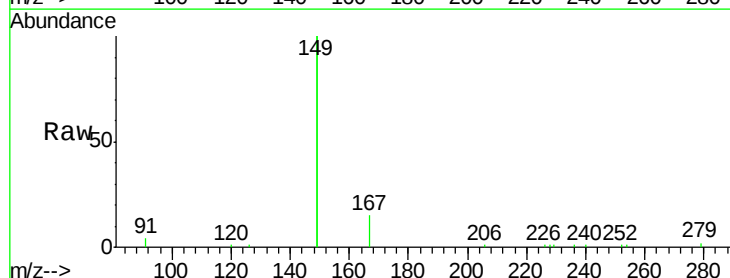
Tgt Ion:149 Resp: 34141

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

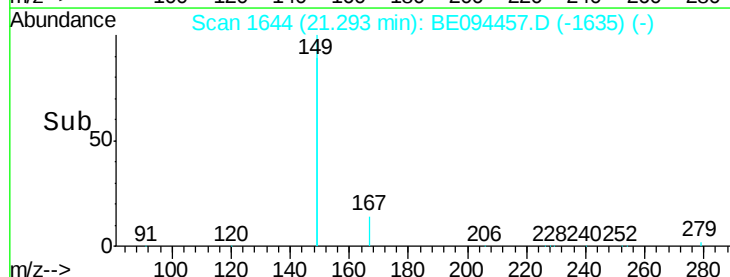
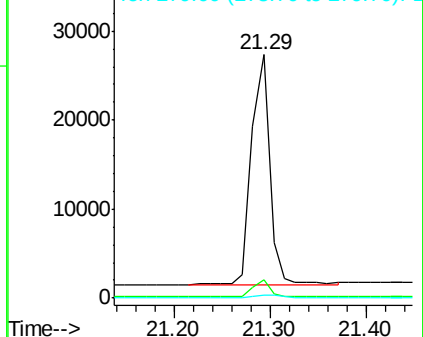
279 0.9 0.7 1.1



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

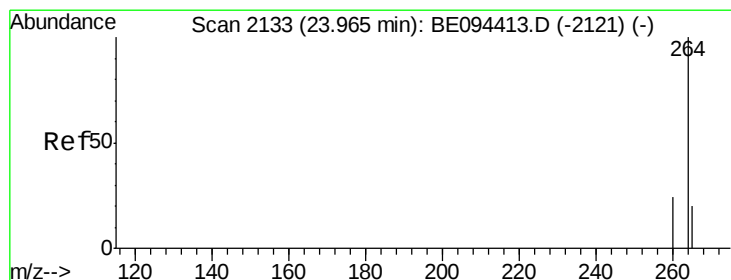
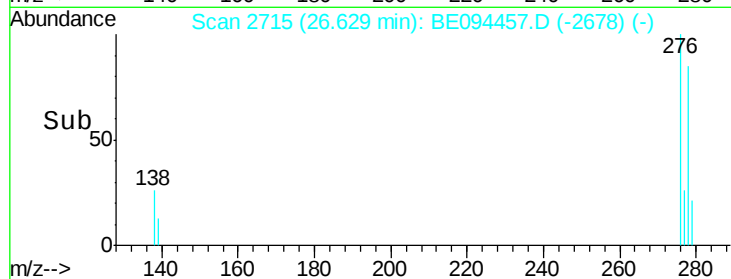
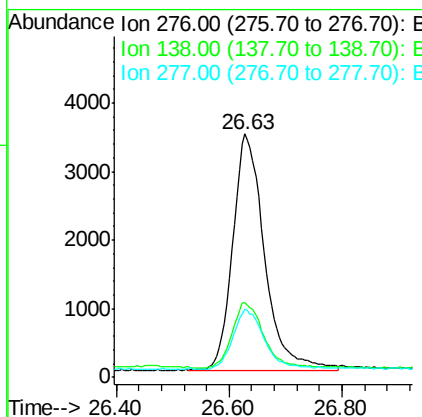
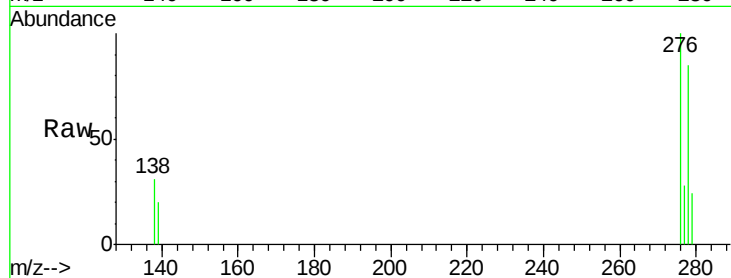




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.406 ng
 RT: 26.63 min Scan# 2715
 Delta R.T. -0.03 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

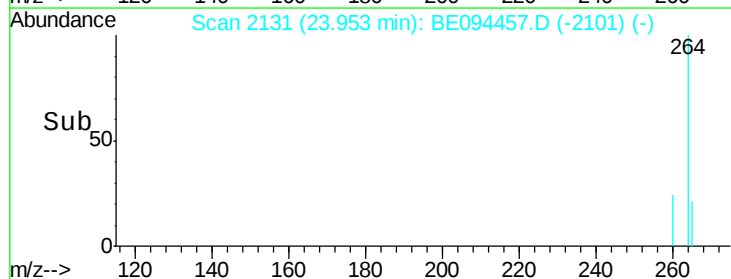
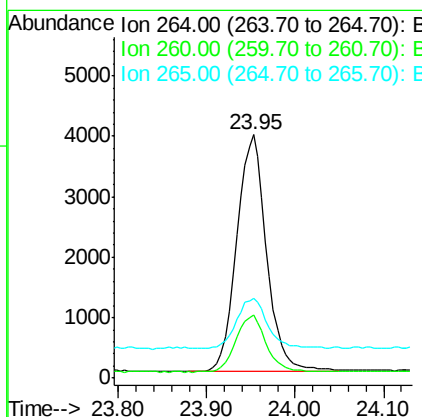
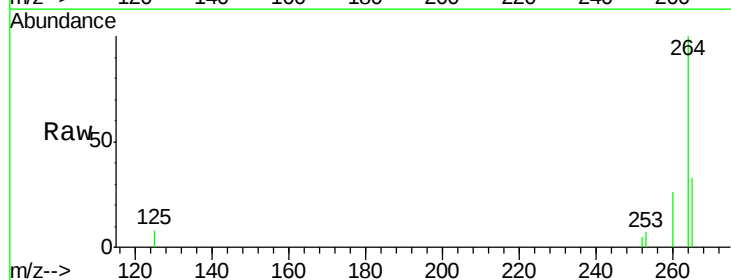
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

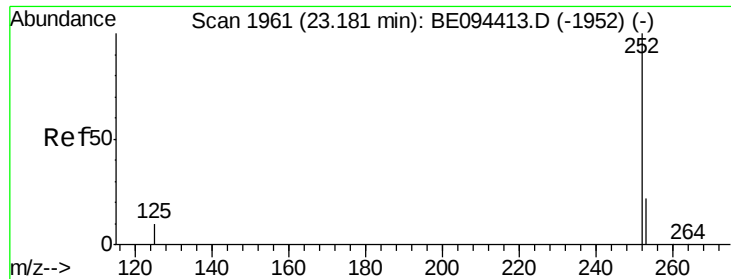
Tgt Ion:276 Resp: 13144
 Ion Ratio Lower Upper
 276 100
 138 26.8 22.5 33.7
 277 25.1 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BE094457.D
 Acq: 19 Oct 2017 21:30

Tgt Ion:264 Resp: 9134
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 32.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

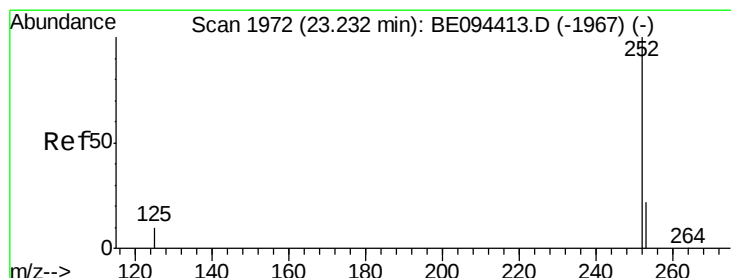
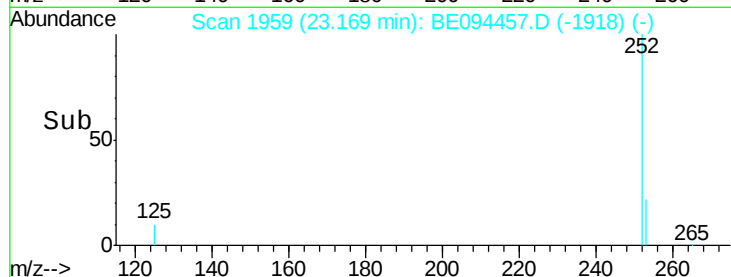
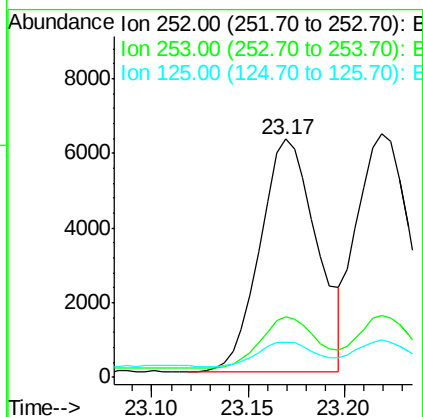
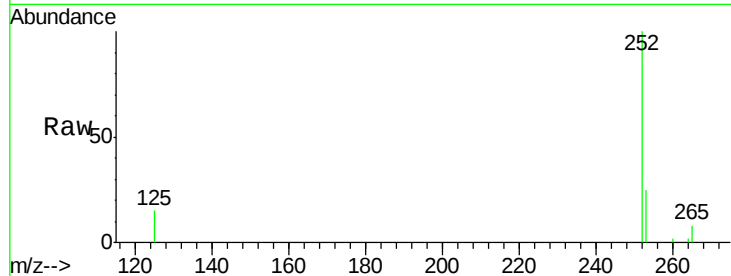
Tgt Ion:252 Resp: 12725

Ion Ratio Lower Upper

252 100

253 25.4 48.0 72.0#

125 14.7 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.419 ng

RT: 23.22 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

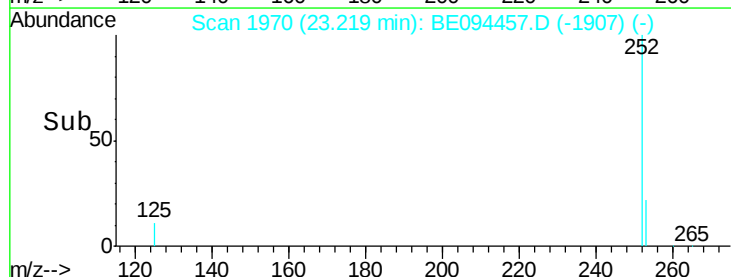
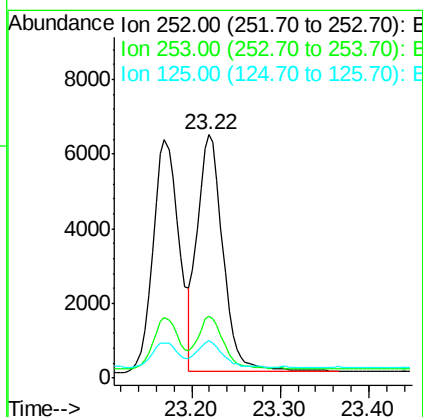
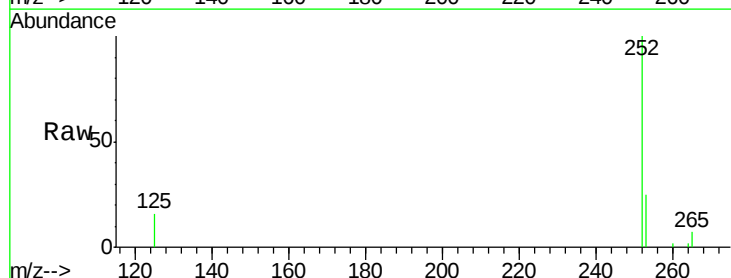
Tgt Ion:252 Resp: 12795

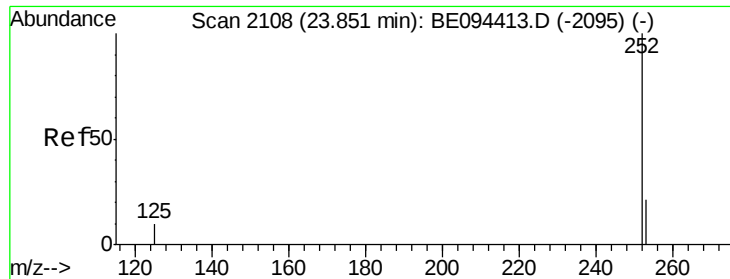
Ion Ratio Lower Upper

252 100

253 25.3 48.0 72.0#

125 15.5 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.84 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

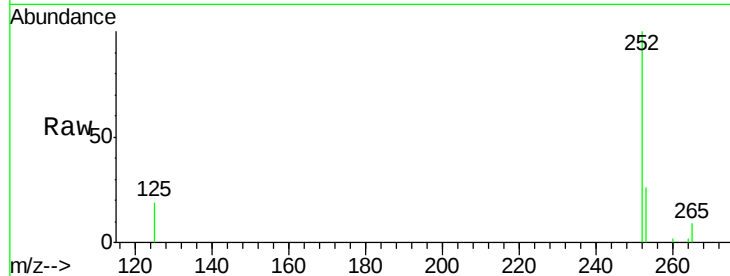
Tgt Ion:252 Resp: 11974

Ion Ratio Lower Upper

252 100

253 25.8 52.0 78.0#

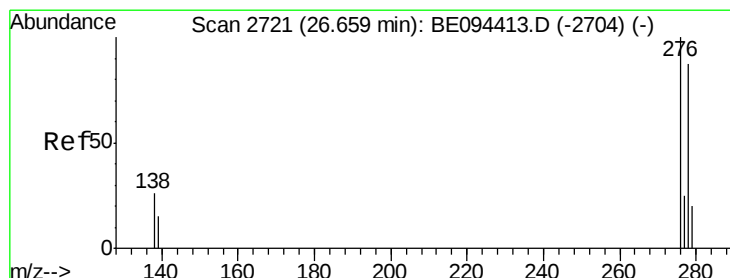
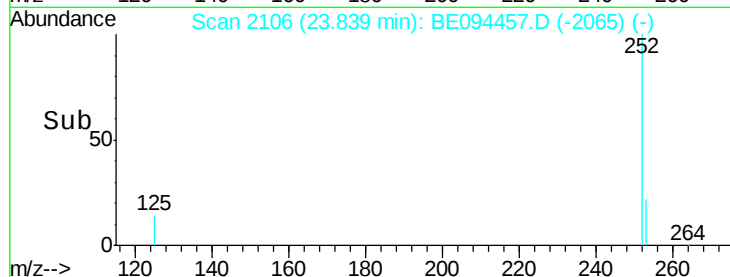
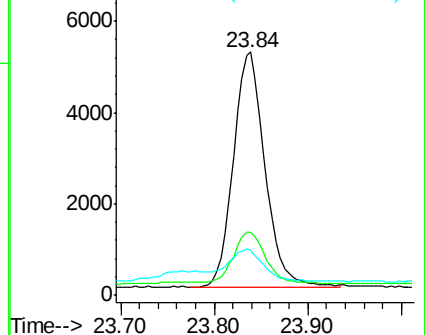
125 18.7 68.0 102.0#



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: 0.415 ng

RT: 26.63 min Scan# 2716

Delta R.T. -0.03 min

Lab File: BE094457.D

Acq: 19 Oct 2017 21:30

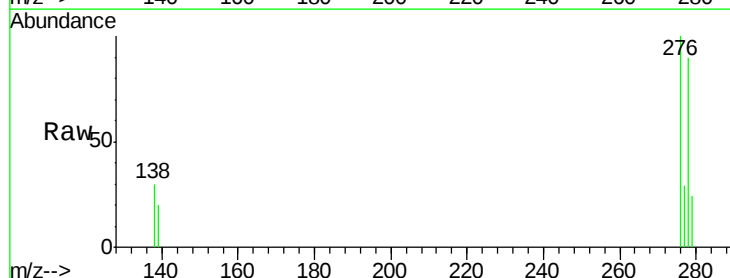
Tgt Ion:278 Resp: 11450

Ion Ratio Lower Upper

278 100

139 22.5 56.0 84.0#

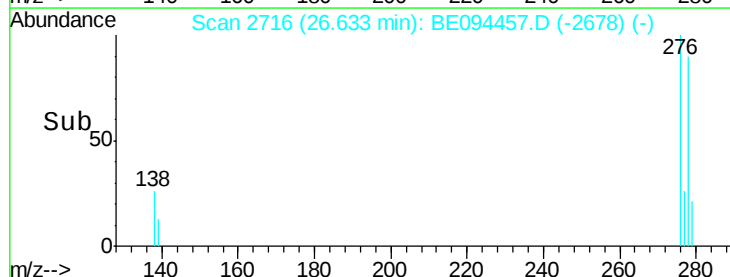
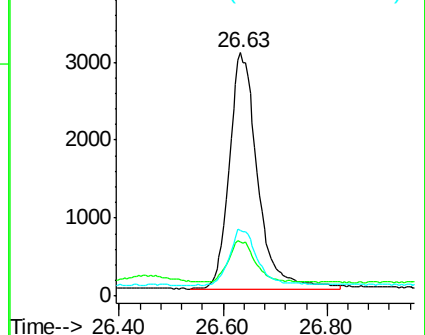
279 26.8 52.0 78.0#

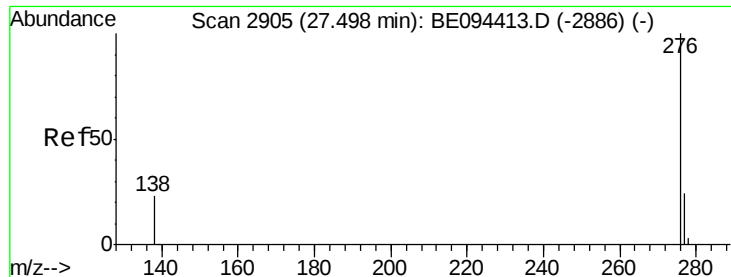


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.416 ng

RT: 27.47 min Scan# 2899

Delta R.T. -0.03 min

Lab File: BE094457.D

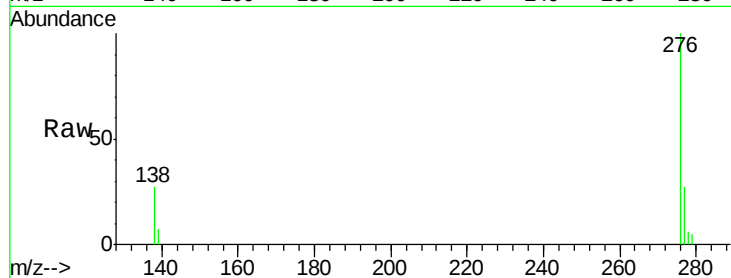
Acq: 19 Oct 2017 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 11028

Ion Ratio Lower Upper

276 100

277 26.9 52.0 78.0#

138 26.7 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

