

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094950.D
 Acq On : 8 Dec 2017 14:34
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 09 00:25:39 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

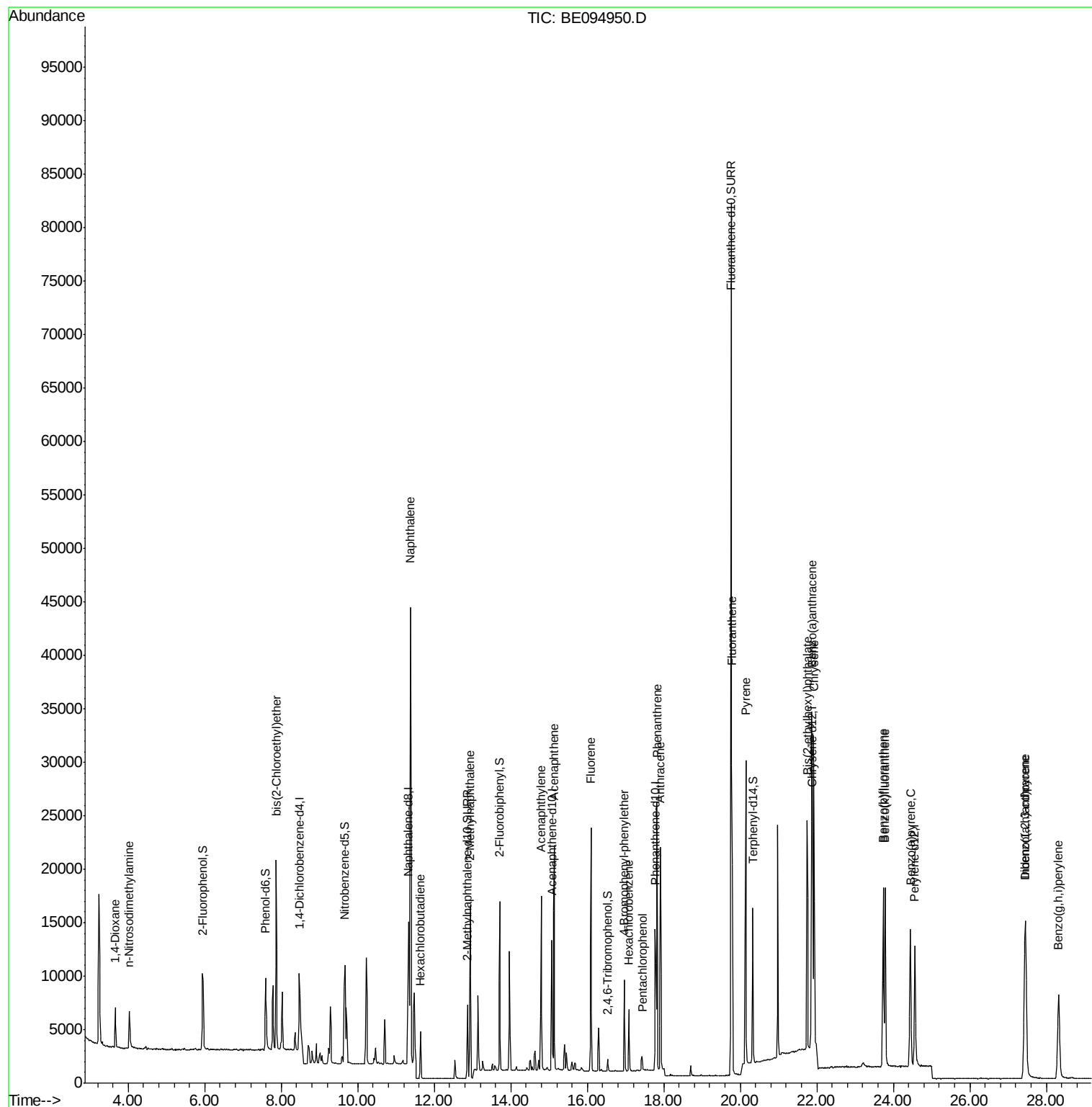
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	6221	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	14453	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	8334	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	19926	0.40	ng	0.00
27) Chrysene-d12	21.88	240	22610	0.40	ng	0.00
34) Perylene-d12	24.57	264	17662	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	4109	0.42	ng	0.00
5) Phenol-d6	7.59	99	6270	0.43	ng	0.00
8) Nitrobenzene-d5	9.67	82	3948	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	9226	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	714	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	14238	0.40	ng	0.00
25) Fluoranthene-d10	19.76	212	102086	0.37	ng	0.00
29) Terphenyl-d14	20.33	244	16332	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.67	88	2418	0.371	ng	Qvalue # 87
3) n-Nitrosodimethylamine	4.02	42	3312	0.399	ng	# 81
6) bis(2-Chloroethyl)ether	7.87	93	5814	0.402	ng	99
9) Naphthalene	11.38	128	67076	0.396	ng	99
10) Hexachlorobutadiene	11.64	225	2918	0.408	ng	97
12) 2-Methylnaphthalene	12.94	142	16619	0.395	ng	95
16) Acenaphthylene	14.79	152	17295	0.367	ng	100
17) Acenaphthene	15.14	154	11579	0.380	ng	95
18) Fluorene	16.10	166	14659	0.379	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	4384	0.394	ng	# 67
21) Hexachlorobenzene	17.09	284	4560	0.421	ng	# 82
22) Pentachlorophenol	17.43	266	863	0.374	ng	# 68
23) Phenanthrene	17.82	178	25050	0.395	ng	98
24) Anthracene	17.91	178	25373	0.377	ng	# 94
26) Fluoranthene	19.79	202	30406	0.373	ng	99
28) Pyrene	20.14	202	30839	0.395	ng	98
30) Benzo(a)anthracene	21.87	228	26004	0.375	ng	# 61
31) Chrysene	21.92	228	30096	0.393	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.74	149	31607	0.275	ng	100
33) Indeno(1,2,3-cd)pyrene	27.43	276	23663	0.377	ng	99
35) Benzo(b)fluoranthene	23.73	252	24498	0.380	ng	# 40
36) Benzo(k)fluoranthene	23.78	252	25149	0.383	ng	# 40
37) Benzo(a)pyrene	24.44	252	21692	0.384	ng	# 34
38) Dibenzo(a,h)anthracene	27.46	278	19907	0.381	ng	# 44
39) Benzo(g,h,i)perylene	28.32	276	20127	0.386	ng	# 53

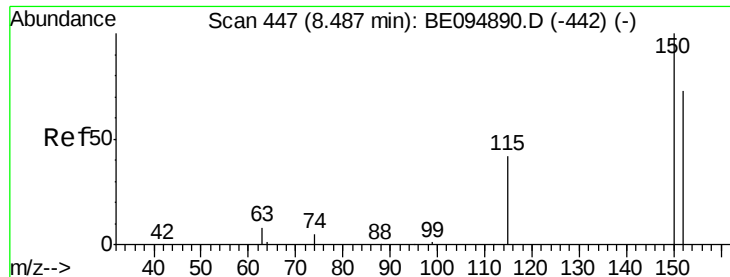
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.48 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

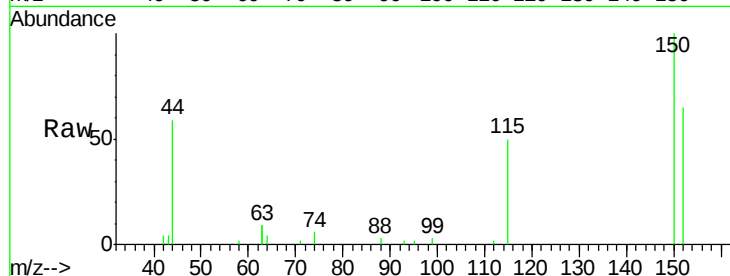
Tot Ion:152 Resp: 6221

Ion Ratio Lower Upper

152 100

150 154.6 117.2 175.8

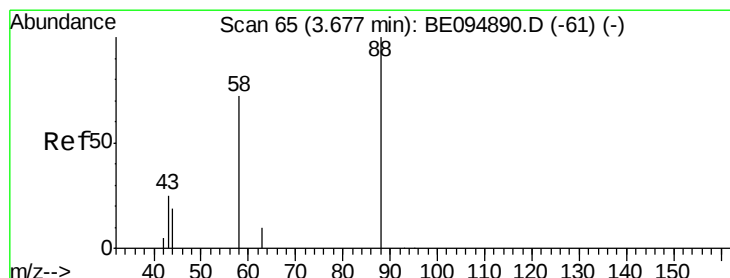
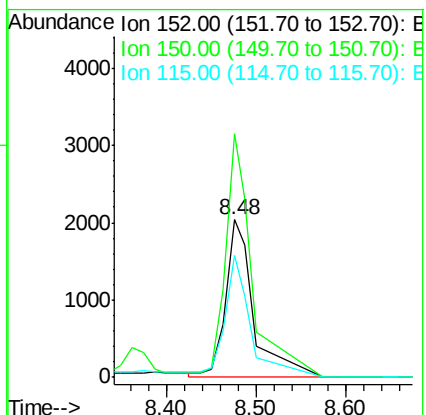
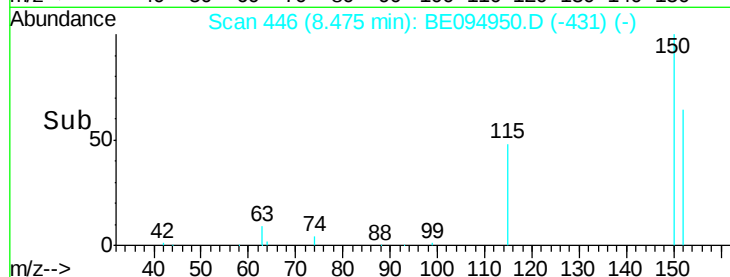
115 77.3 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.371 ng

RT: 3.67 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

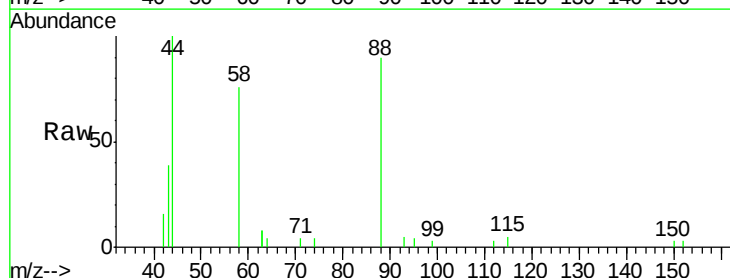
Tgt Ion: 88 Resp: 2418

Ion Ratio Lower Upper

88 100

58 87.0 63.2 94.8

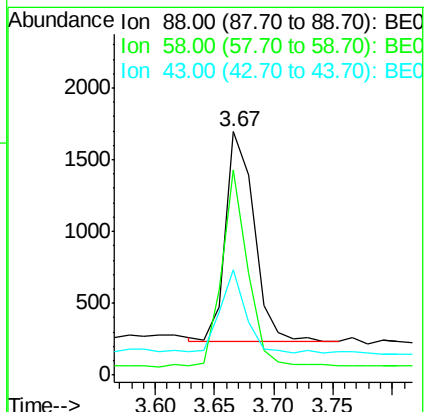
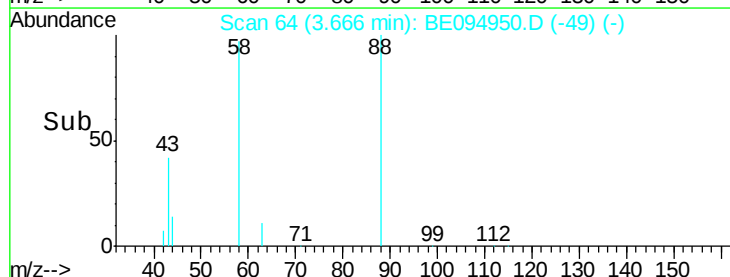
43 37.3 41.2 61.8#

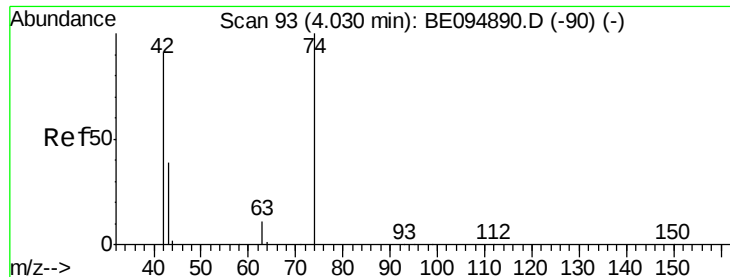


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



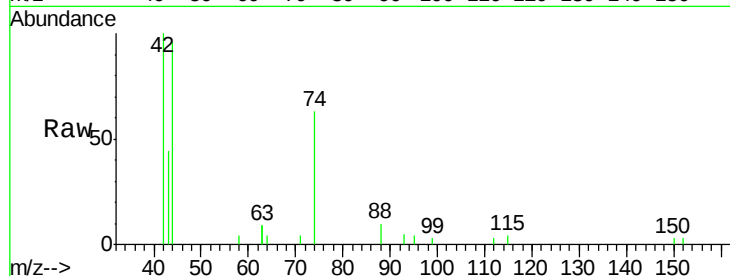


#3

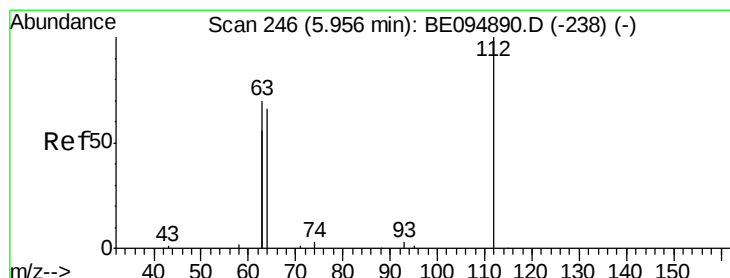
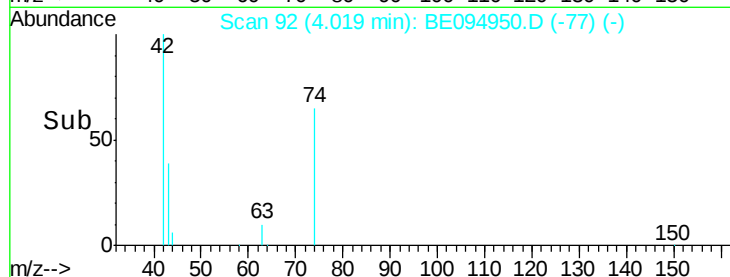
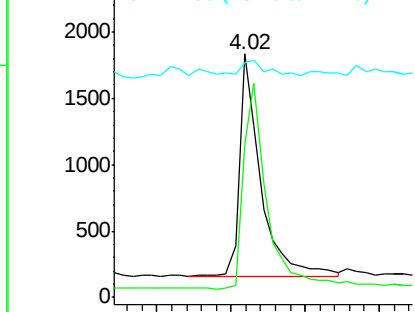
n-Nitrosodimethylamine
 Concen: 0.399 ng
 RT: 4.02 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BE094950.D
 Acq: 8 Dec 2017 14:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 3312
 Ion Ratio Lower Upper
 42 100
 74 105.1 100.3 150.5
 44 8.5 17.0 25.4#



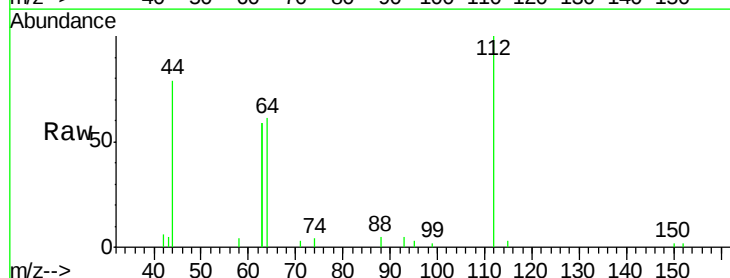
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



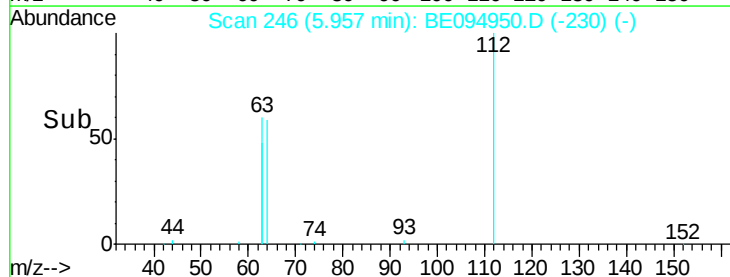
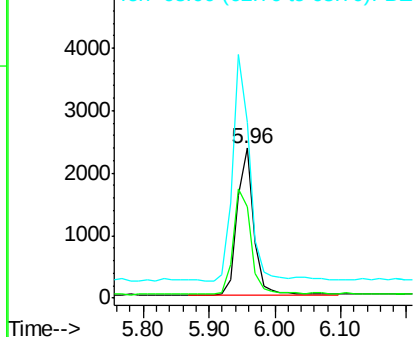
#4

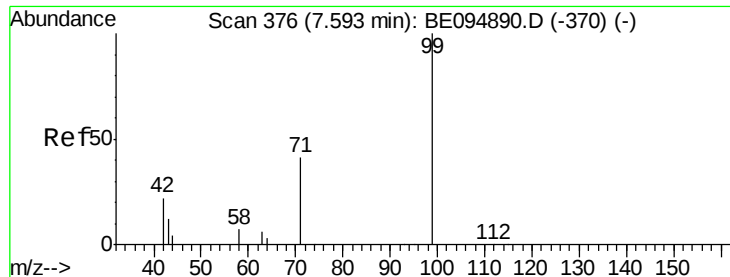
2-Fluorophenol
 Concen: 0.417 ng
 RT: 5.96 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE094950.D
 Acq: 8 Dec 2017 14:34

Tgt Ion: 112 Resp: 4109
 Ion Ratio Lower Upper
 112 100
 64 76.0 60.1 90.1
 63 154.8 116.8 175.2



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: 0.430 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

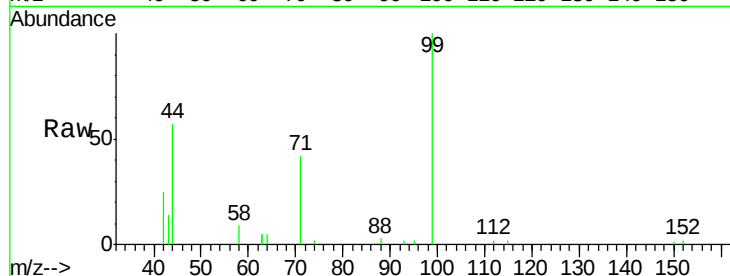
Tot Ion: 99 Resp: 6270

Ion Ratio Lower Upper

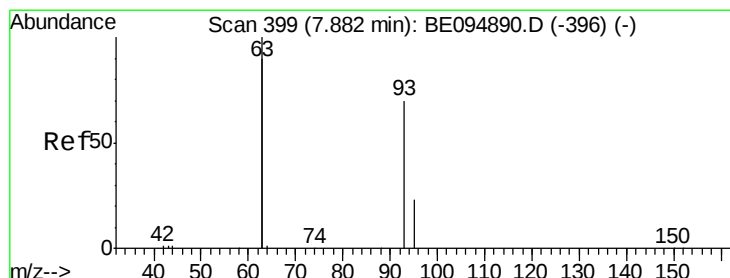
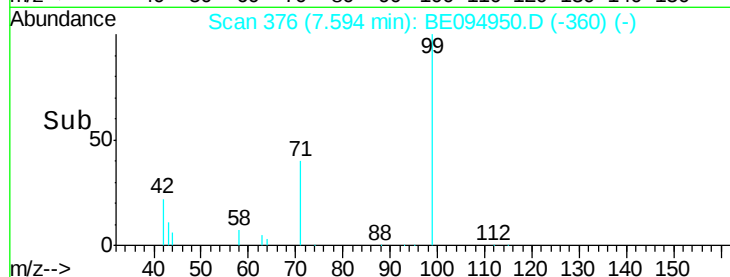
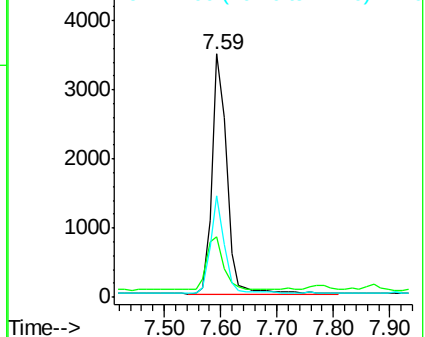
99 100

42 25.5 20.2 30.2

71 38.4 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: 0.402 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

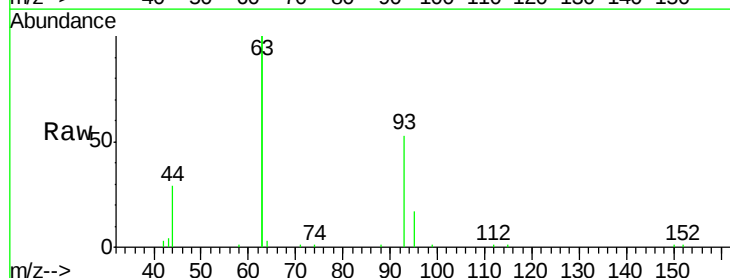
Tgt Ion: 93 Resp: 5814

Ion Ratio Lower Upper

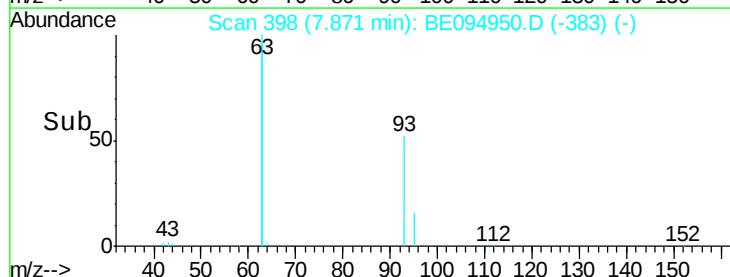
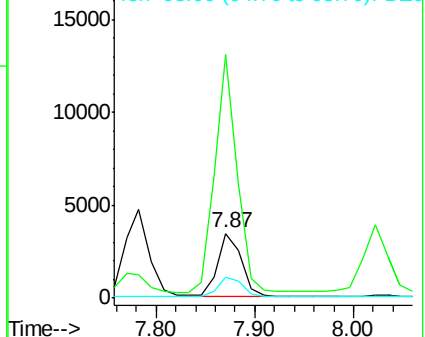
93 100

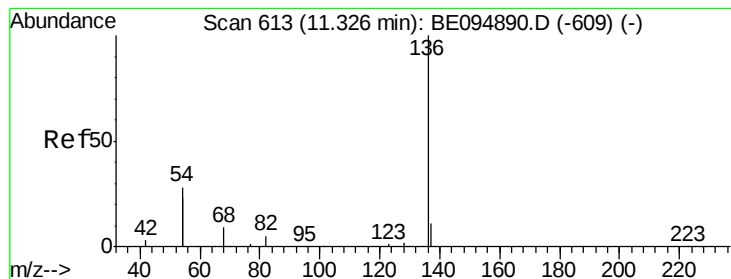
63 345.2 275.3 412.9

95 31.9 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: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 14453

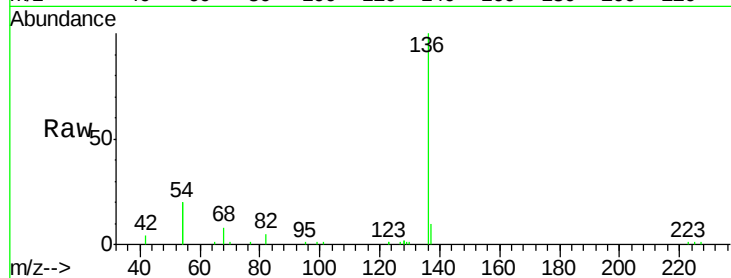
Ion Ratio Lower Upper

136 100

137 10.5 9.5 14.3

54 40.7 29.1 43.7

68 7.9 6.2 9.2

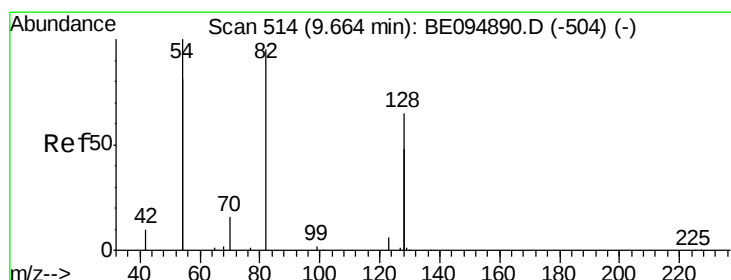
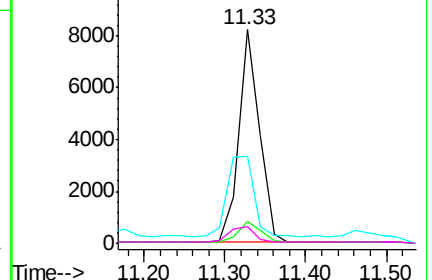
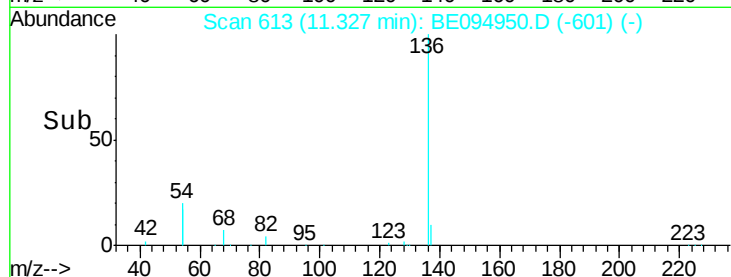


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.461 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

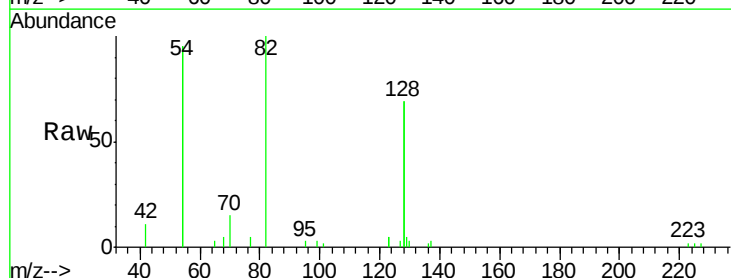
Tgt Ion: 82 Resp: 3948

Ion Ratio Lower Upper

82 100

128 137.3 150.0 225.0#

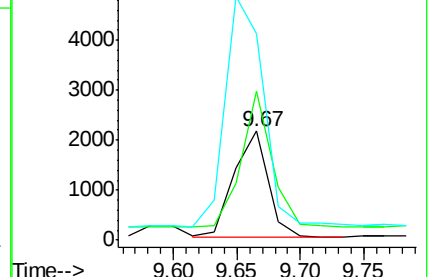
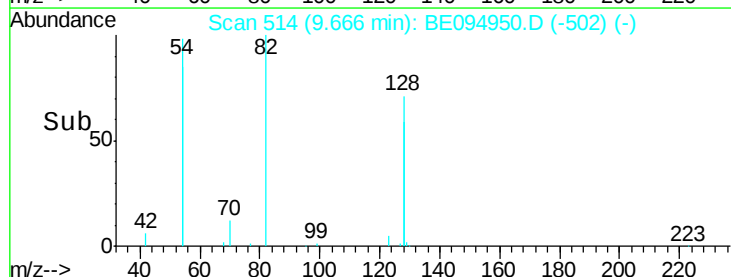
54 190.3 154.2 231.4

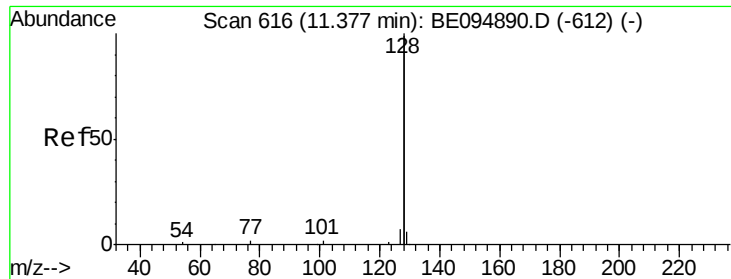


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.396 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

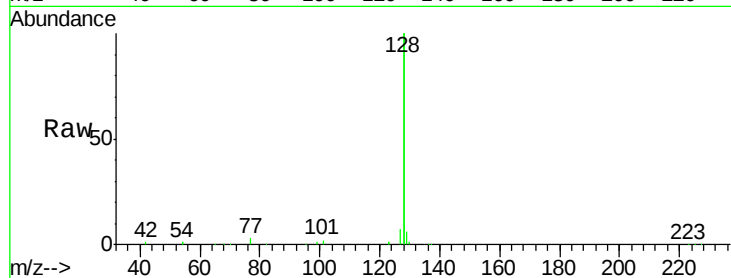
Tot Ion:128 Resp: 67076

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

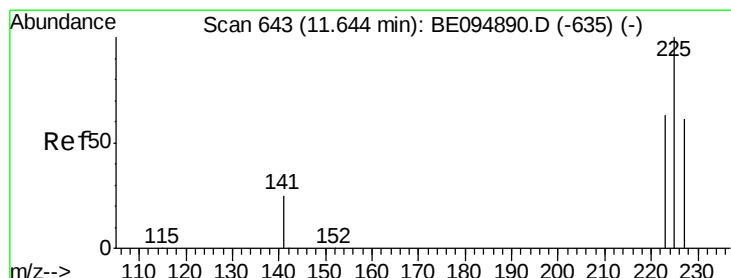
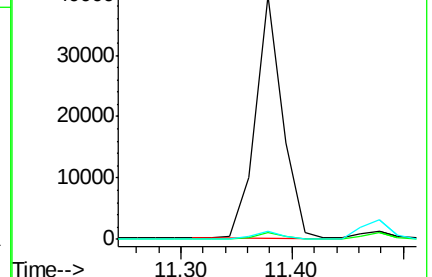
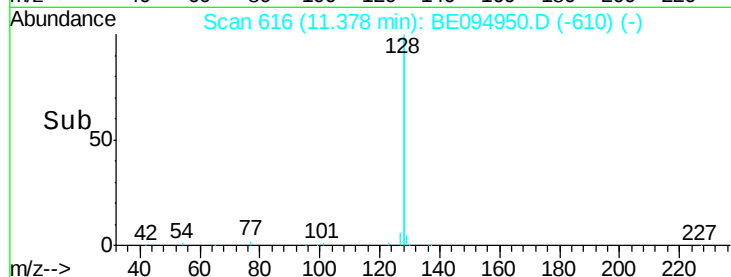
127 3.3 2.8 4.2



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: 0.408 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

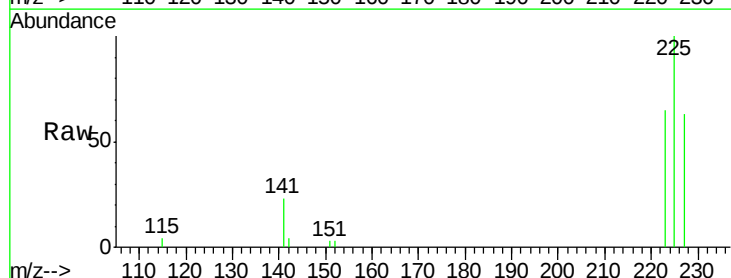
Tgt Ion:225 Resp: 2918

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

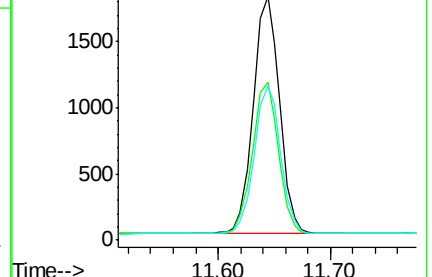
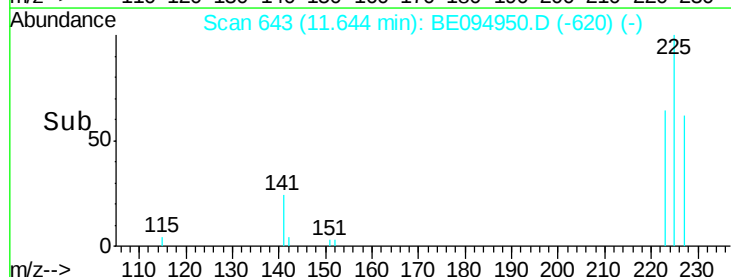
227 62.5 51.4 77.2

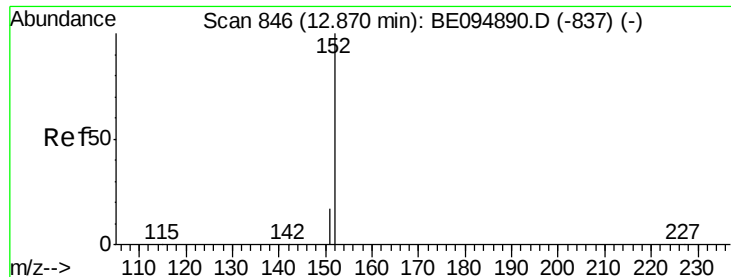


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

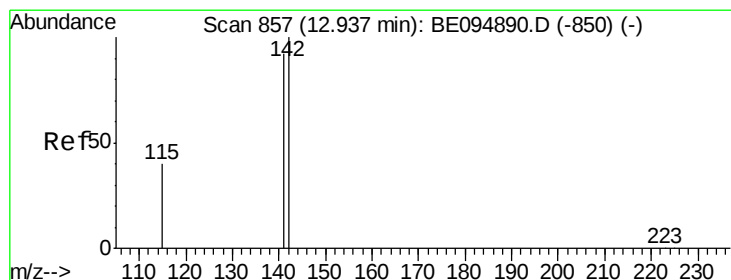
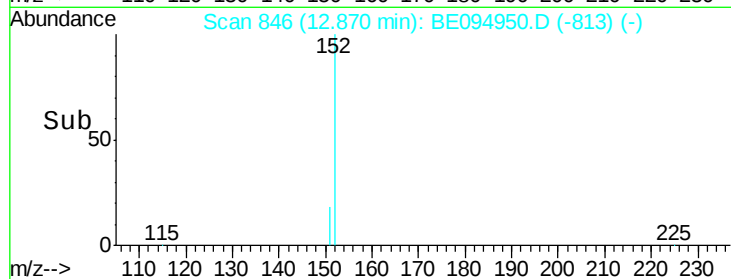
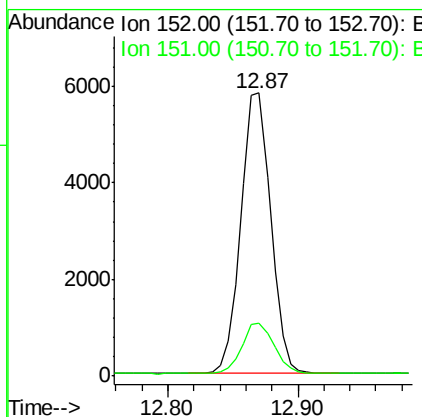
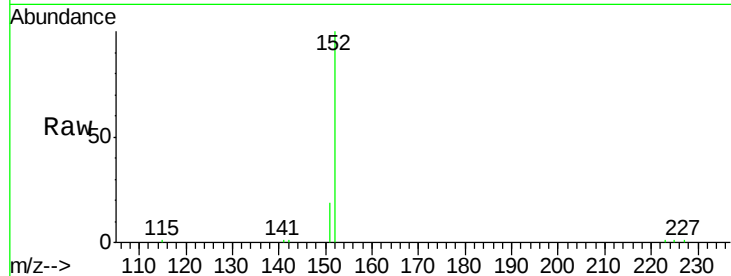




#11
 2-Methylnaphthalene-d10
 Concen: 0.400 ng
 RT: 12.87 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BE094950.D
 Acq: 8 Dec 2017 14:34

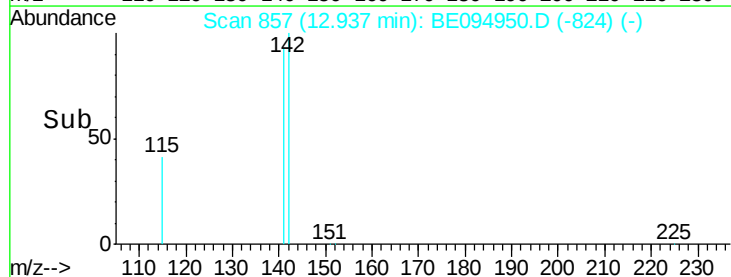
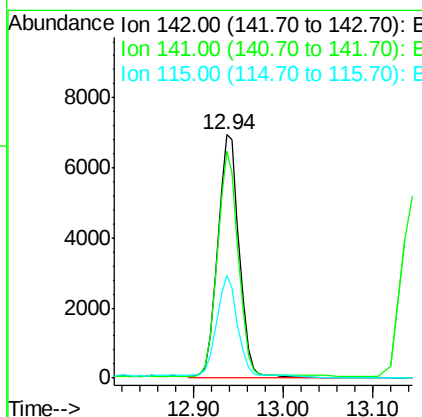
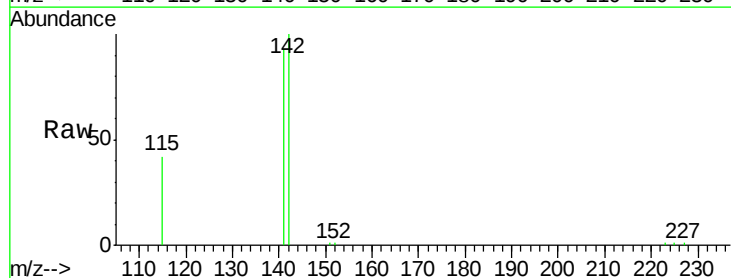
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

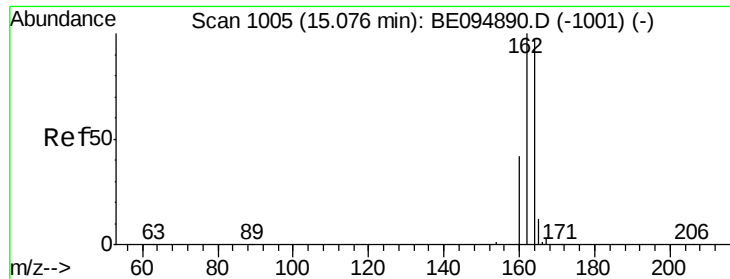
Tot Ion:152 Resp: 9226
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.395 ng
 RT: 12.94 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BE094950.D
 Acq: 8 Dec 2017 14:34

Tgt Ion:142 Resp: 16619
 Ion Ratio Lower Upper
 142 100
 141 93.1 70.4 105.6
 115 42.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.08 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

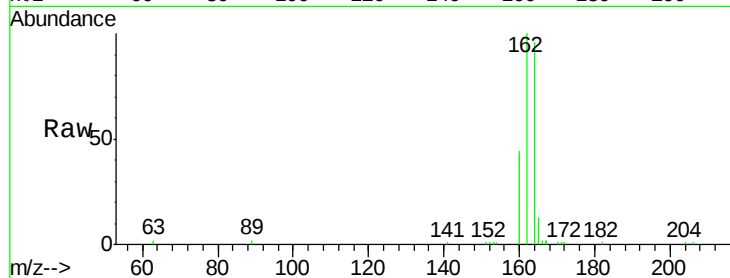
Tot Ion:164 Resp: 8334

Ion Ratio Lower Upper

164 100

162 103.7 83.1 124.7

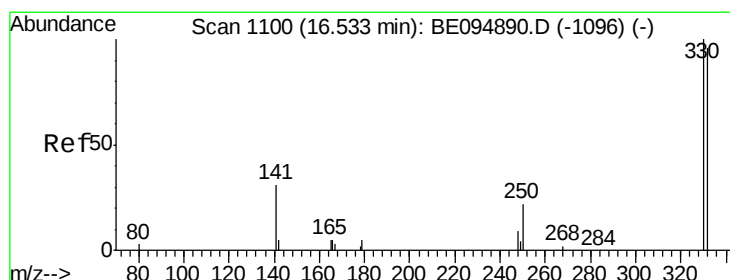
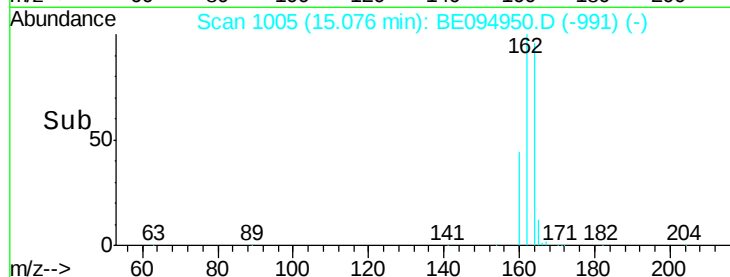
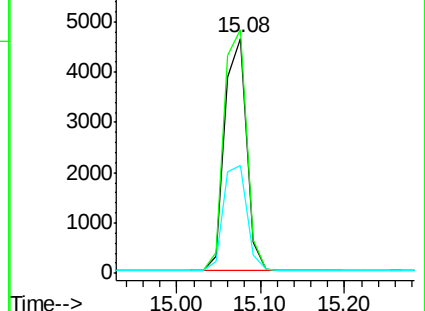
160 46.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.422 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

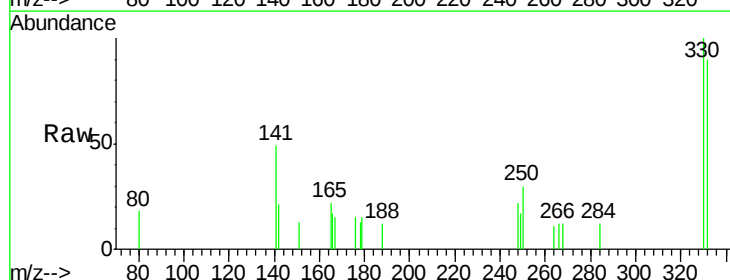
Tgt Ion:330 Resp: 714

Ion Ratio Lower Upper

330 100

332 93.1 152.7 229.1#

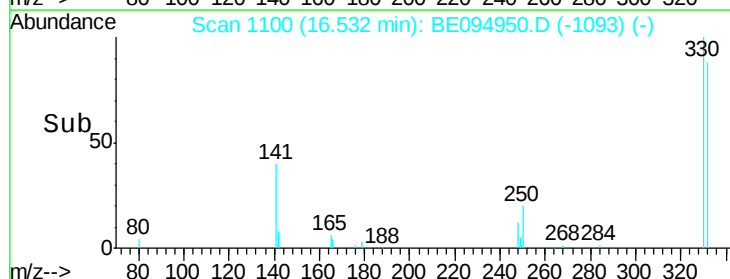
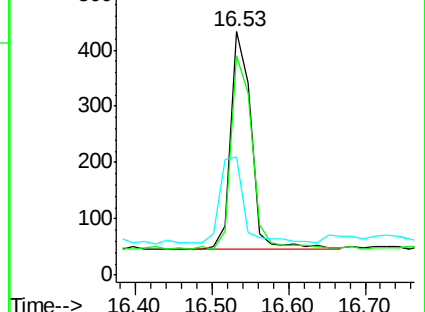
141 46.1 33.7 50.5

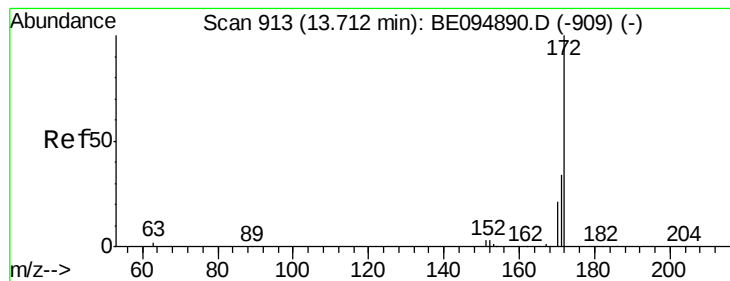


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.399 ng

RT: 13.71 min Scan# 913

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

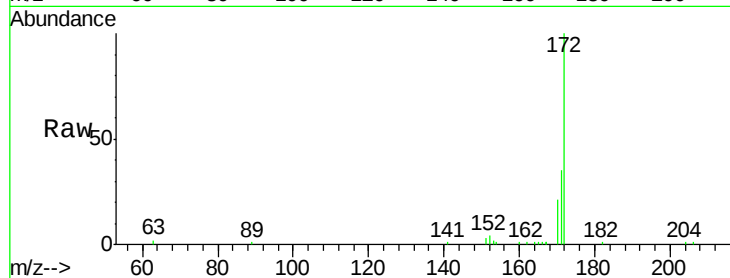
Tot Ion:172 Resp: 14238

Ion Ratio Lower Upper

172 100

171 34.6 29.9 44.9

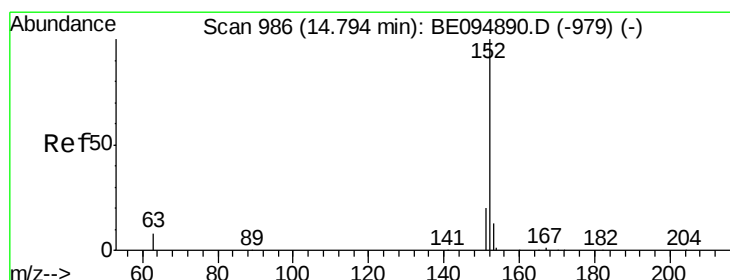
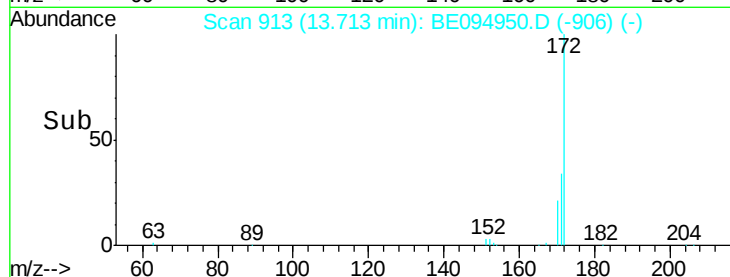
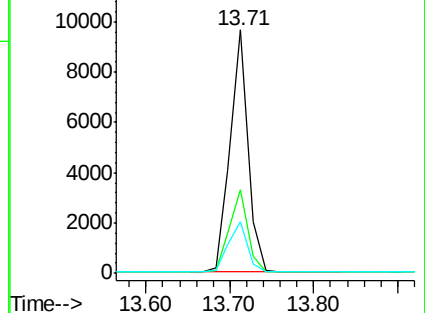
170 21.3 21.8 32.8#



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: 0.367 ng

RT: 14.79 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

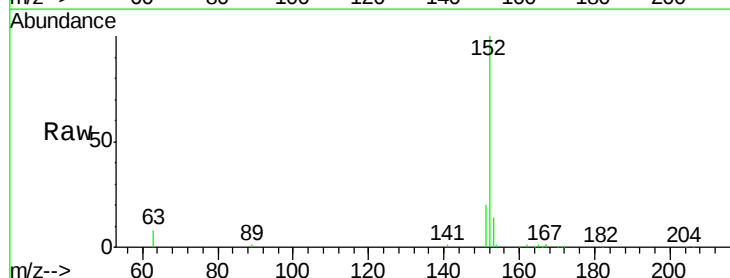
Tgt Ion:152 Resp: 17295

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

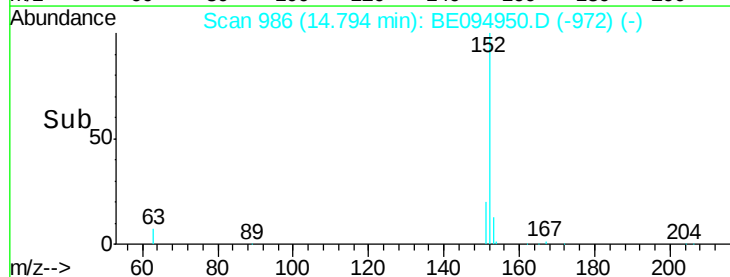
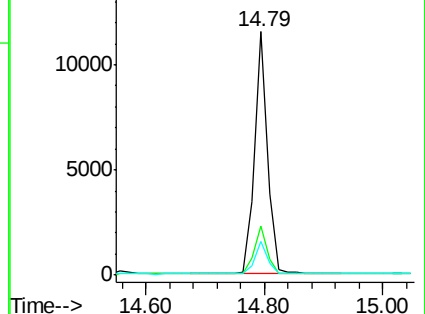
153 13.3 10.5 15.7

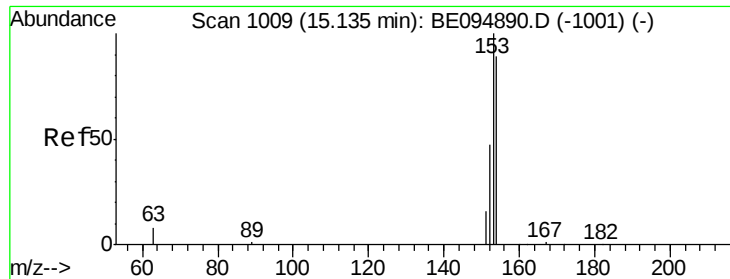


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.380 ng

RT: 15.14 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

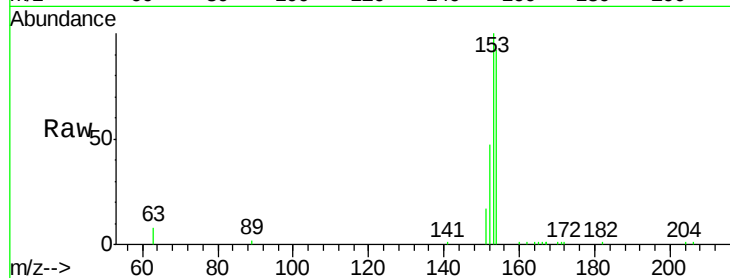
Tot Ion:154 Resp: 11579

Ion Ratio Lower Upper

154 100

153 115.4 89.2 133.8

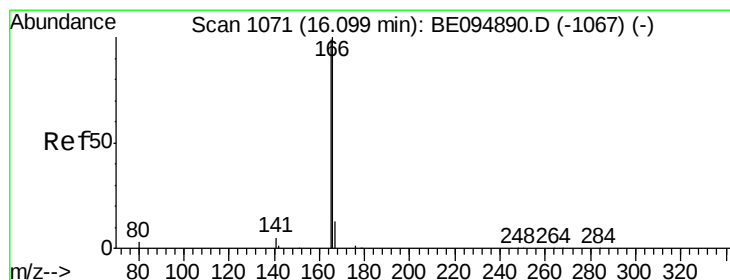
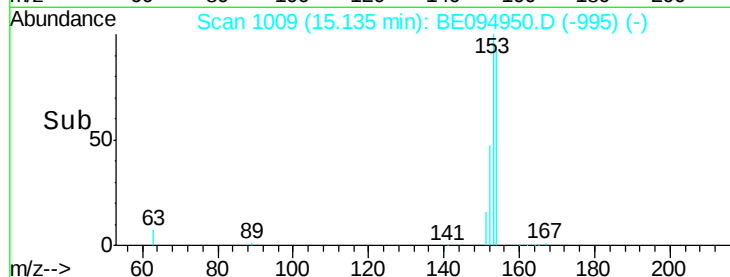
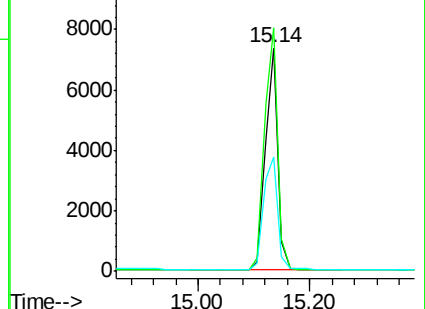
152 57.5 42.0 63.0



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: 0.379 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

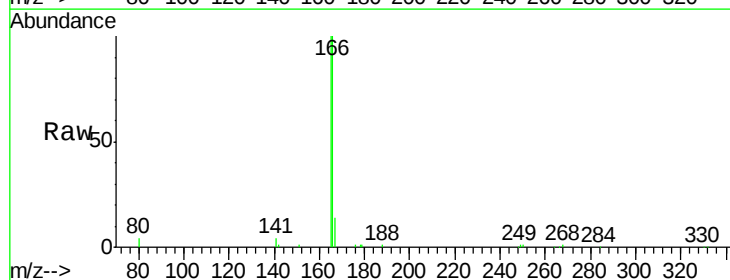
Tgt Ion:166 Resp: 14659

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

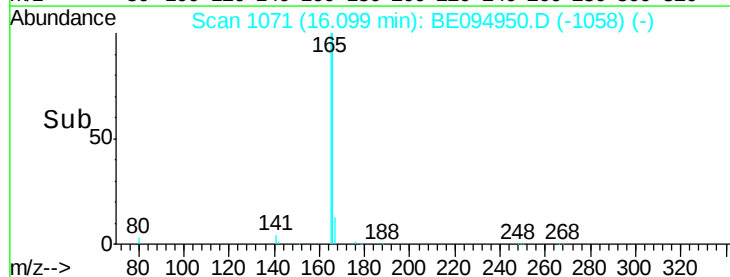
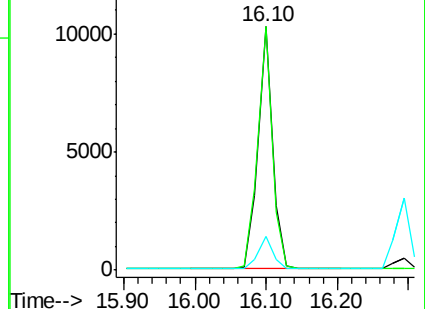
167 13.6 42.4 63.6#

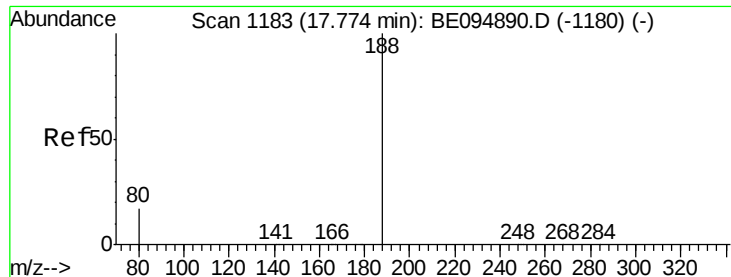


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

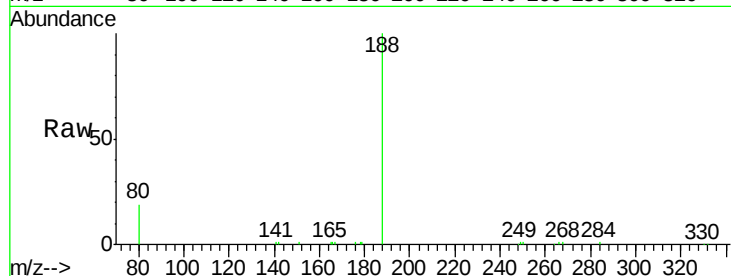
Tot Ion:188 Resp: 19926

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

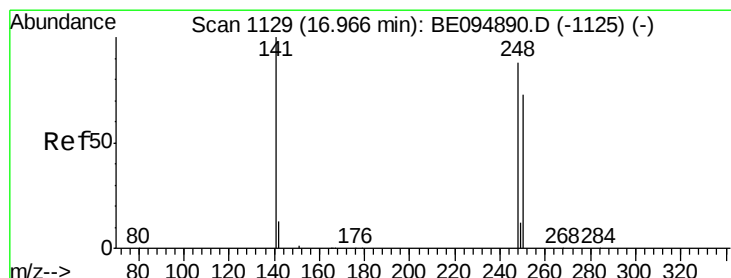
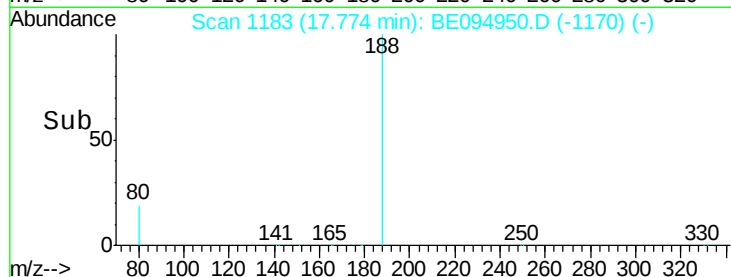
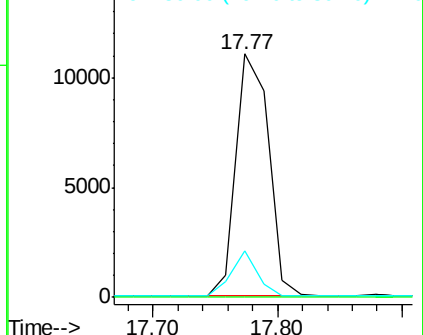
80 19.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

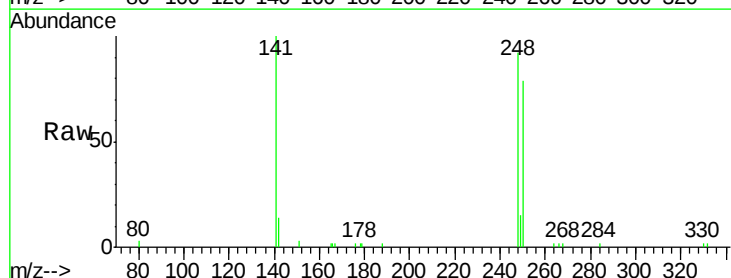
Tgt Ion:248 Resp: 4384

Ion Ratio Lower Upper

248 100

250 86.6 62.7 94.1

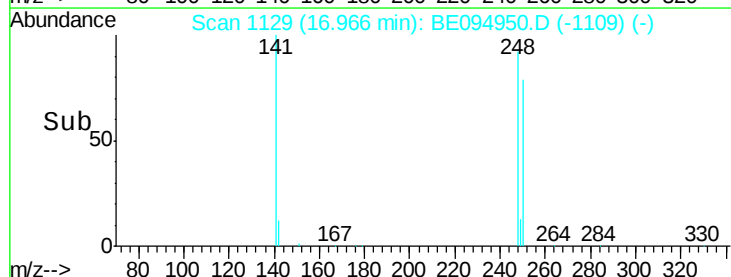
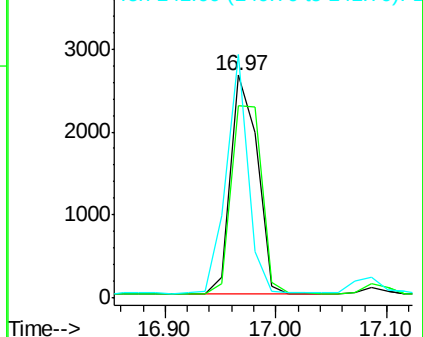
141 109.3 48.2 72.2#

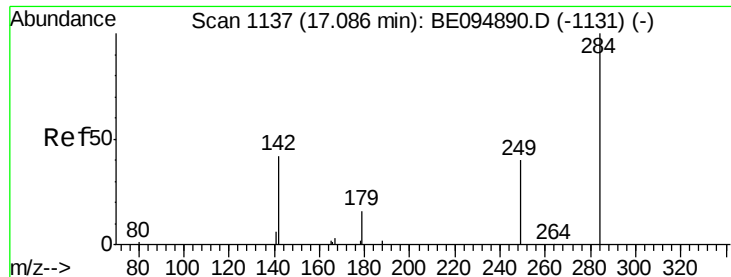


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.421 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

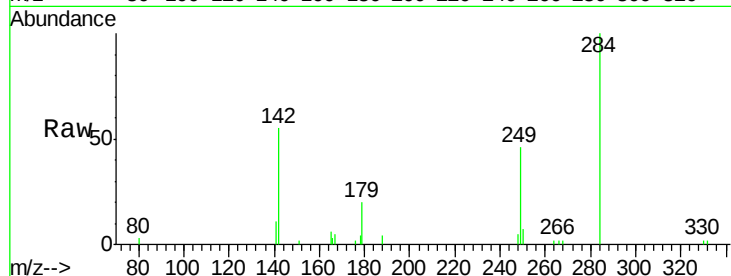
Tot Ion:284 Resp: 4560

Ion Ratio Lower Upper

284 100

142 43.2 22.1 33.1#

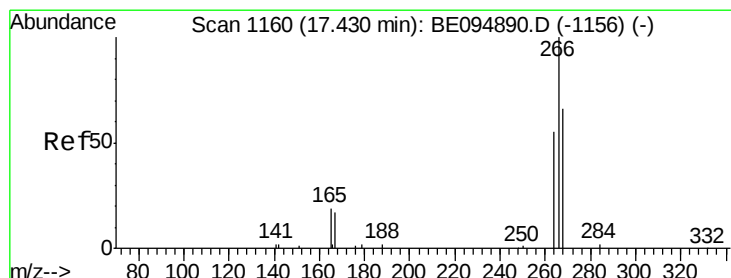
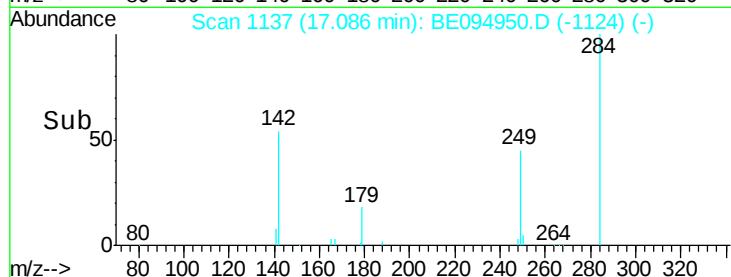
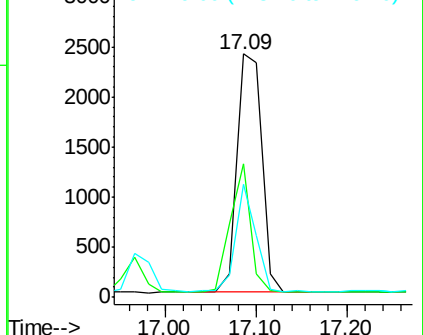
249 36.4 34.8 52.2



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: 0.374 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

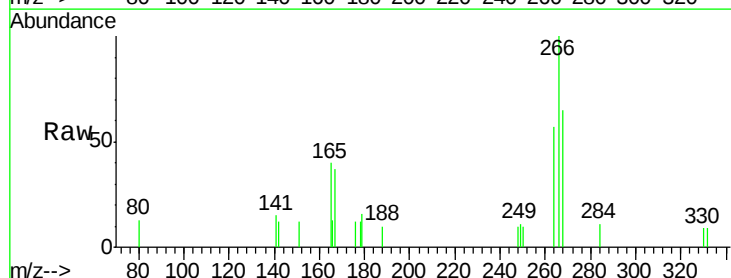
Tgt Ion:266 Resp: 863

Ion Ratio Lower Upper

266 100

264 57.1 72.5 108.7#

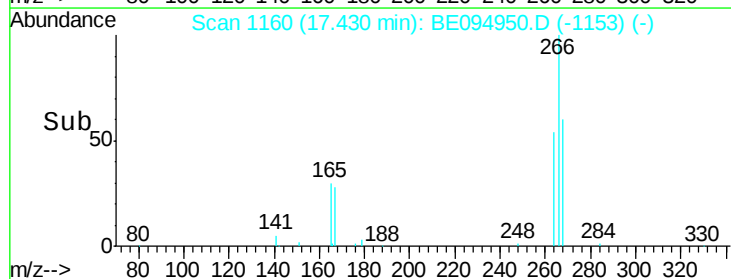
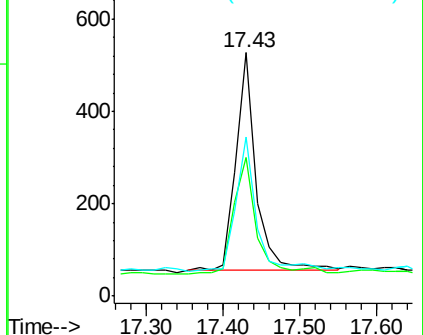
268 65.5 73.8 110.6#

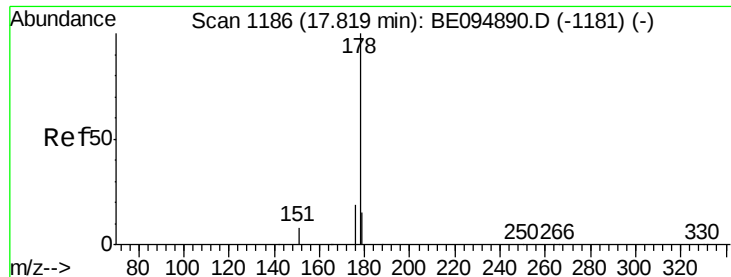


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

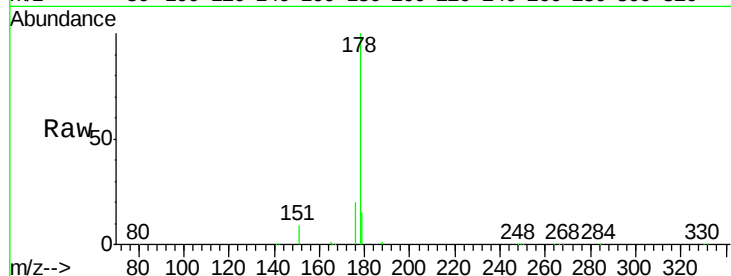
Tot Ion:178 Resp: 25050

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

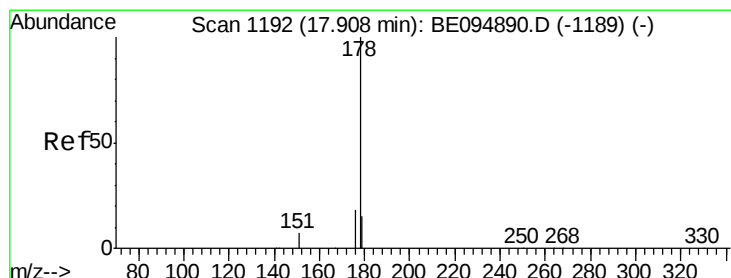
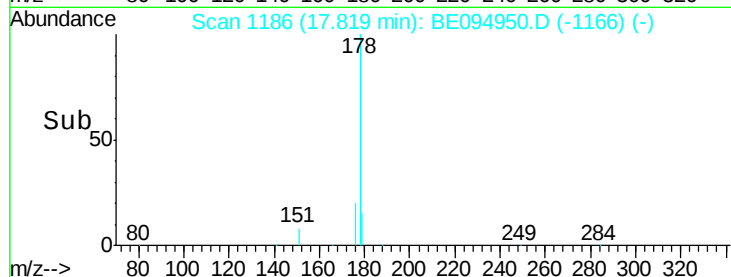
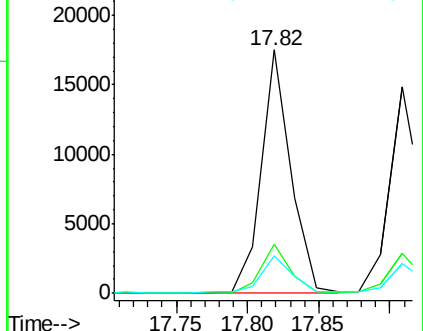
179 15.7 11.8 17.6



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: 0.377 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

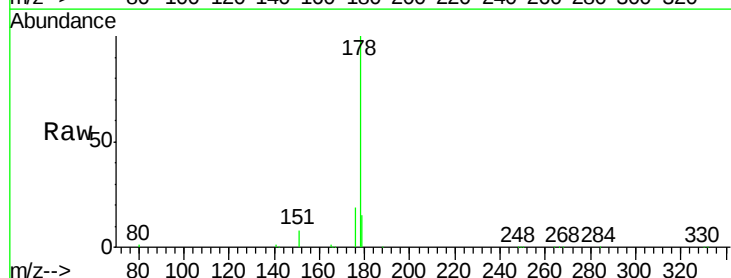
Tgt Ion:178 Resp: 25373

Ion Ratio Lower Upper

178 100

176 20.6 12.8 19.2#

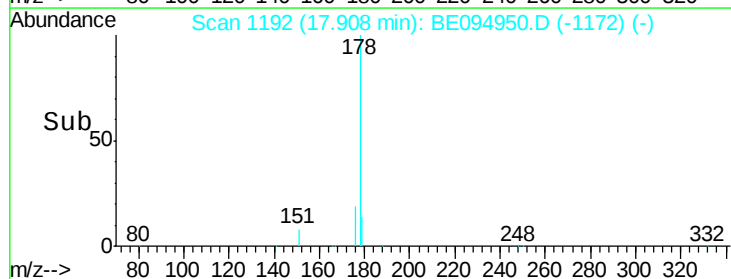
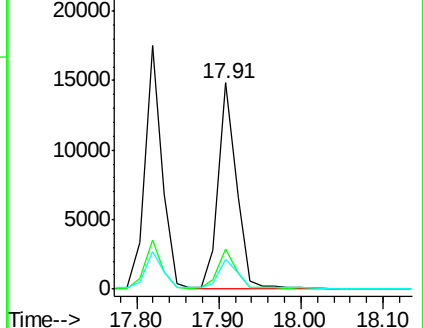
179 16.8 13.0 19.6

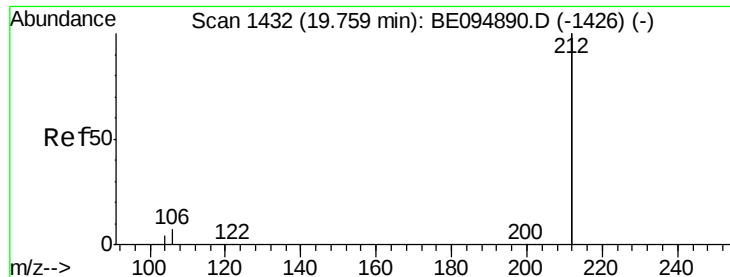


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

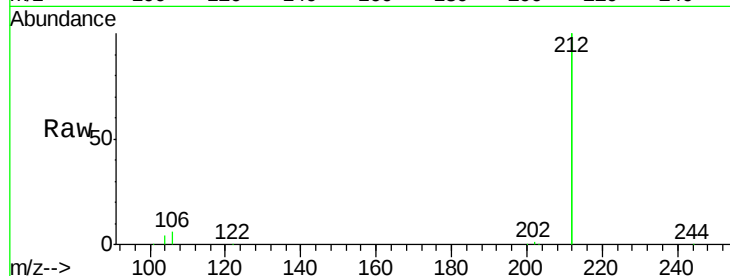
Tot Ion:212 Resp: 102086

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

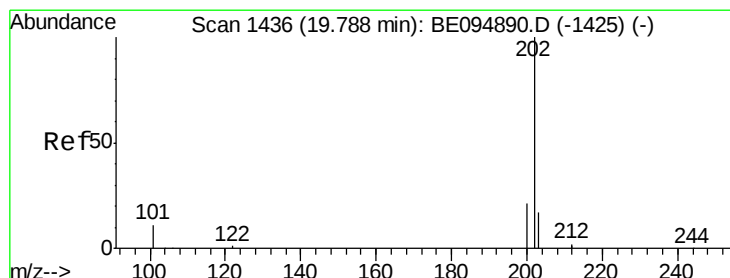
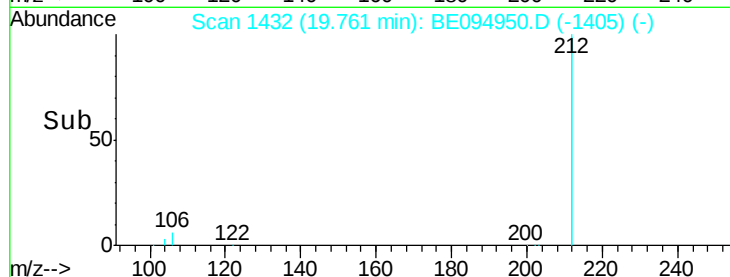
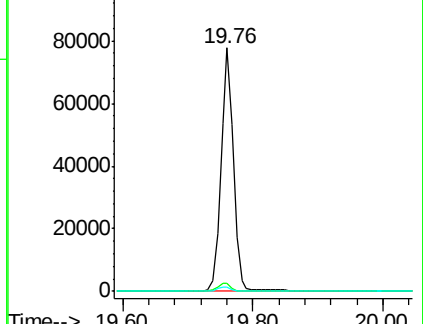
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.373 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

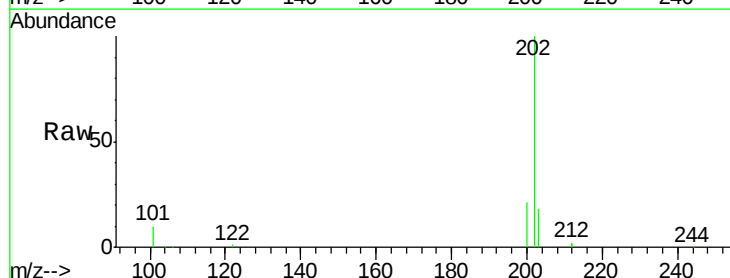
Tgt Ion:202 Resp: 30406

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

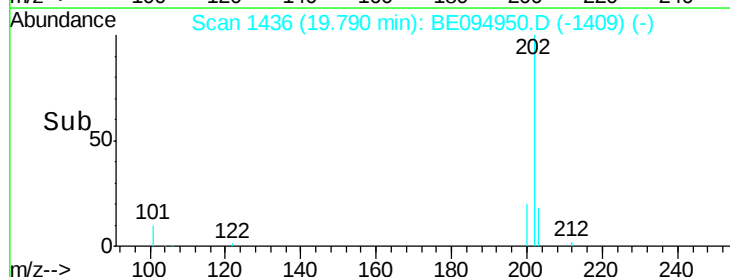
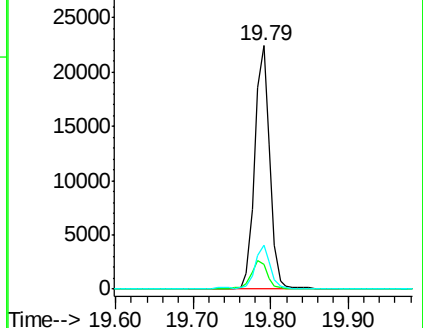
203 17.2 13.7 20.5

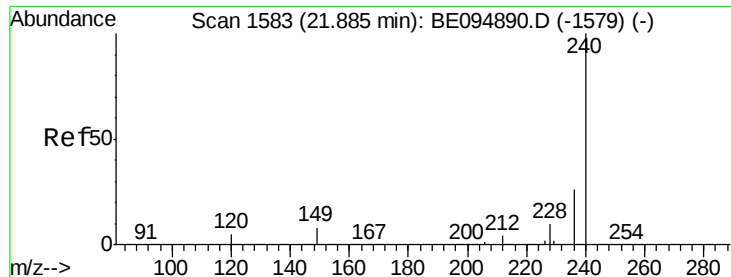


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

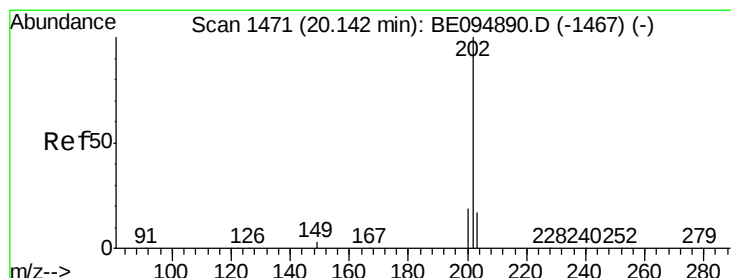
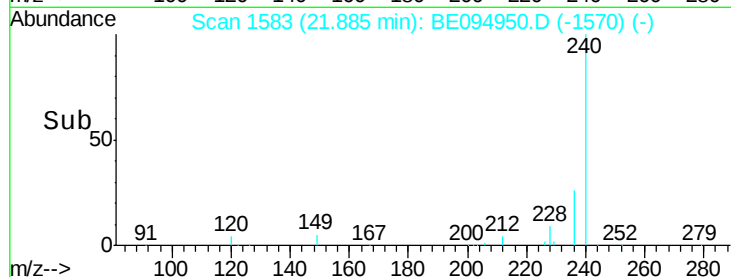
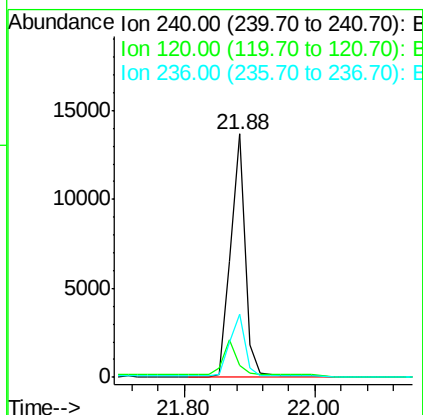
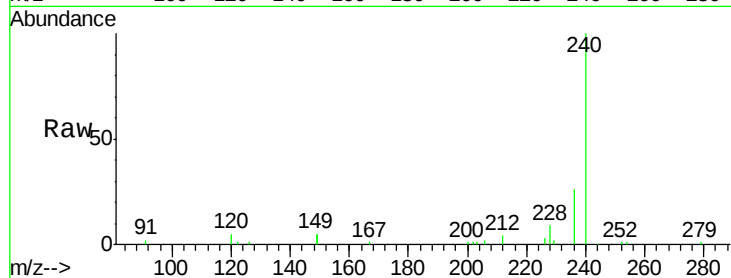




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.88 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BE094950.D
 Acq: 8 Dec 2017 14:34

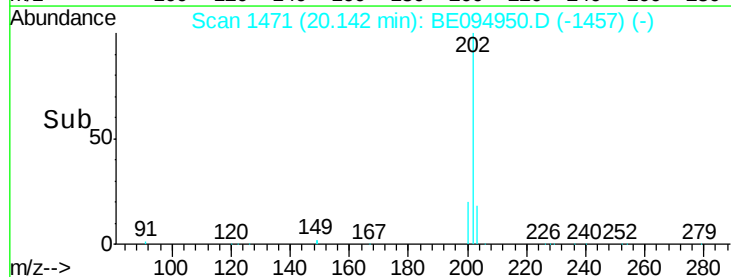
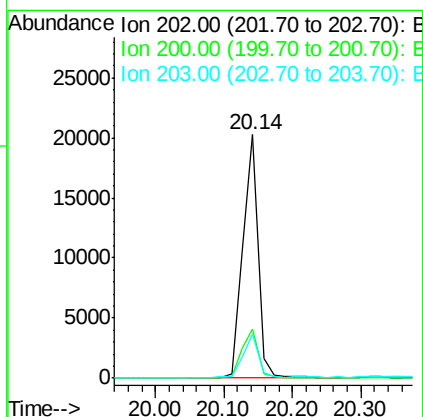
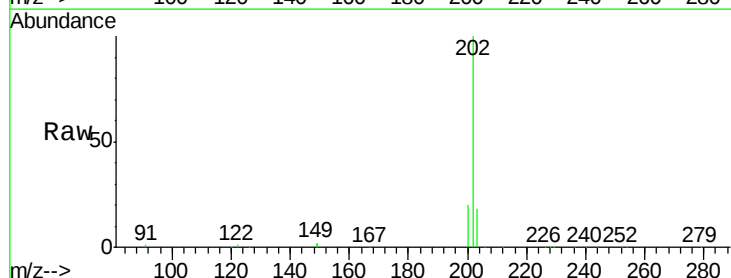
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

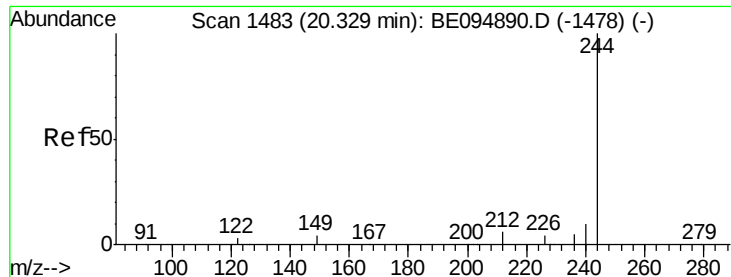
Tot Ion:240 Resp: 22610
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.5 8.3#
 236 26.1 20.7 31.1



#28
 Pyrene
 Concen: 0.395 ng
 RT: 20.14 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BE094950.D
 Acq: 8 Dec 2017 14:34

Tgt Ion:202 Resp: 30839
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 25.0
 203 18.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

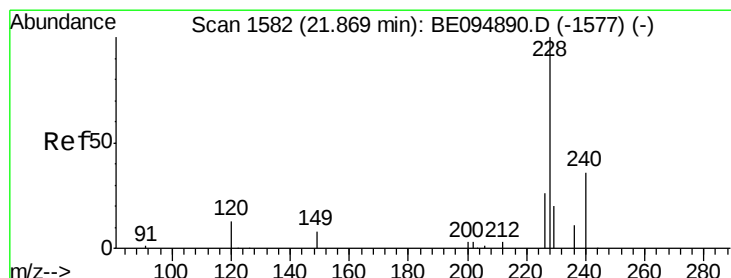
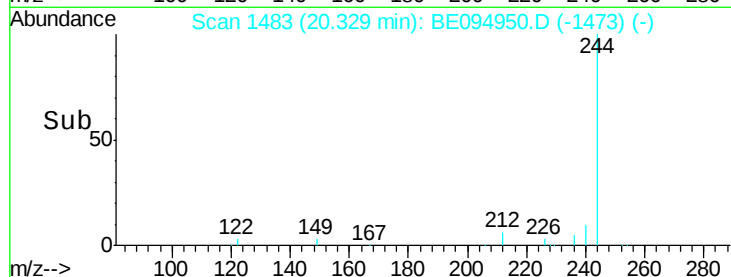
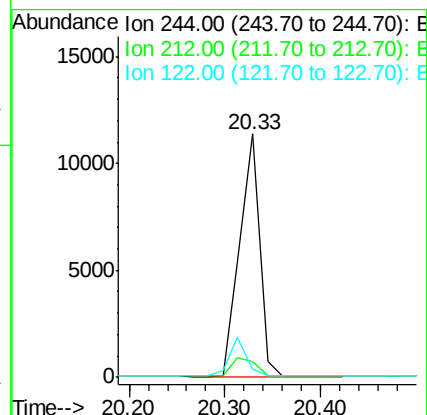
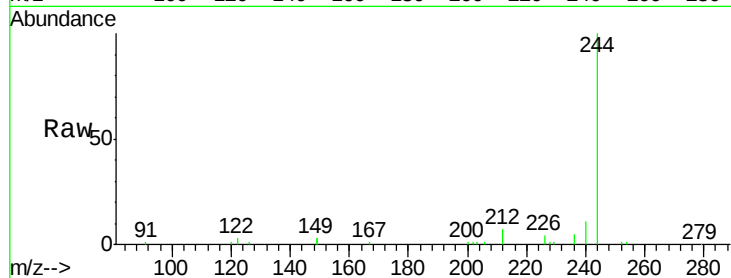
Tot Ion:244 Resp: 16332

Ion Ratio Lower Upper

244 100

212 6.5 25.4 38.0#

122 3.3 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.375 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

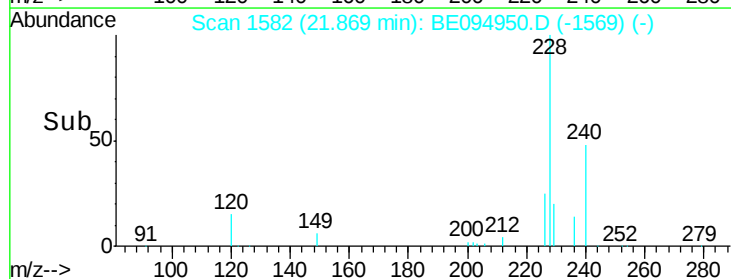
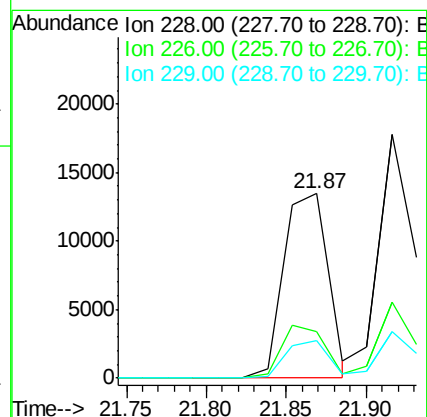
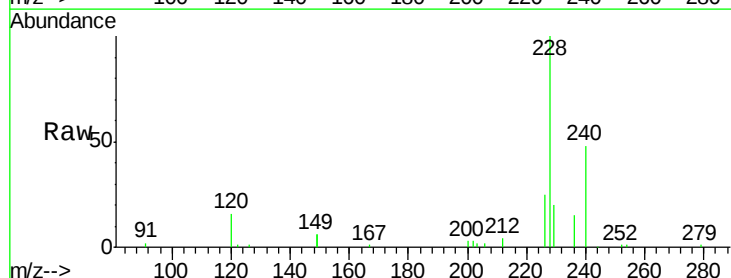
Tgt Ion:228 Resp: 26004

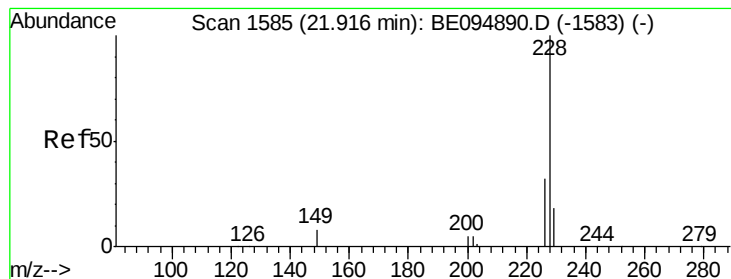
Ion Ratio Lower Upper

228 100

226 25.4 40.0 60.0#

229 20.5 40.0 60.0#





#31

Chrysene

Concen: 0.393 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

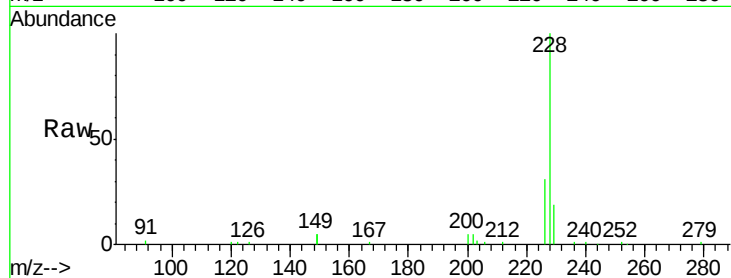
Tot Ion:228 Resp: 30096

Ion Ratio Lower Upper

228 100

226 31.3 40.0 60.0#

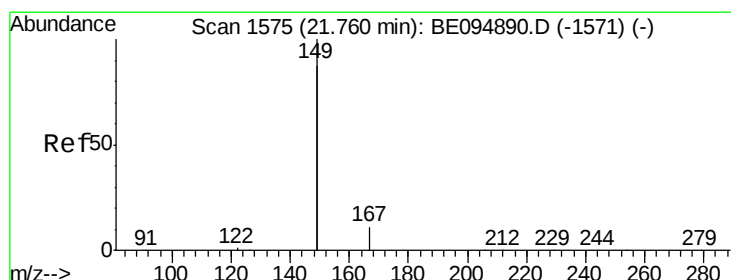
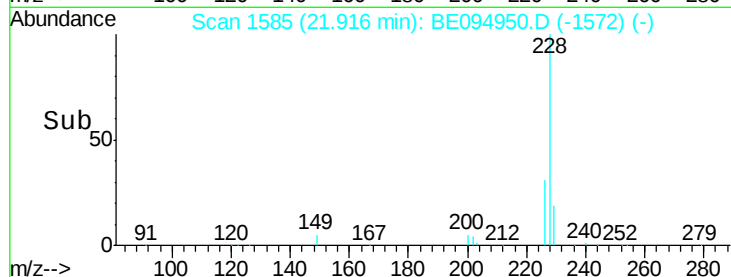
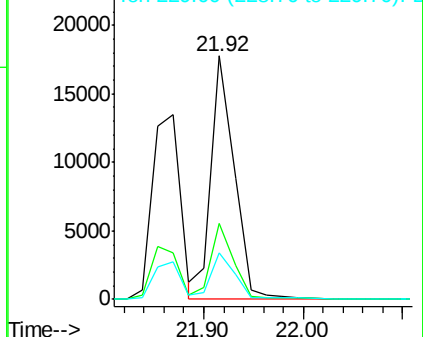
229 19.1 40.0 60.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.275 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

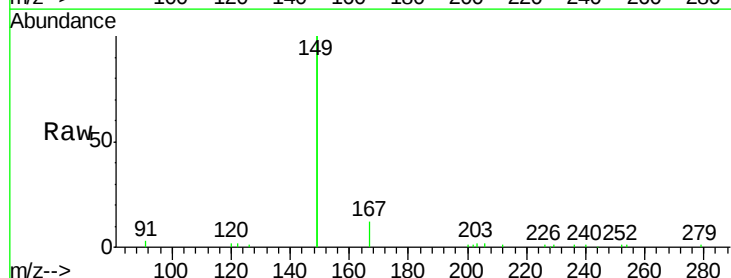
Tgt Ion:149 Resp: 31607

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

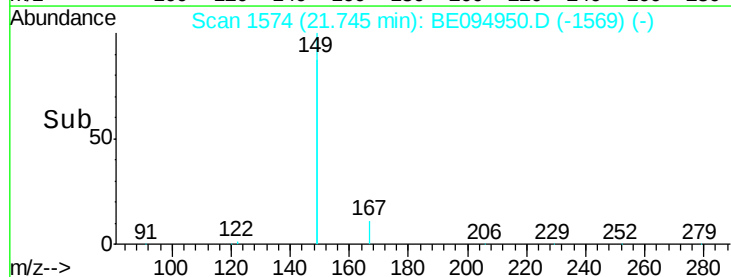
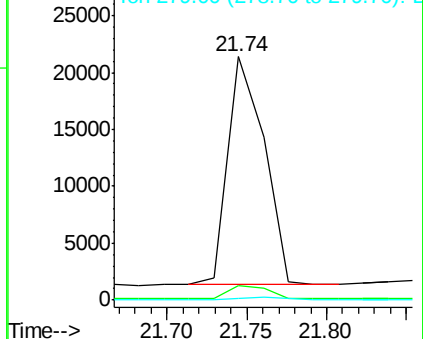
279 0.8 0.7 1.1

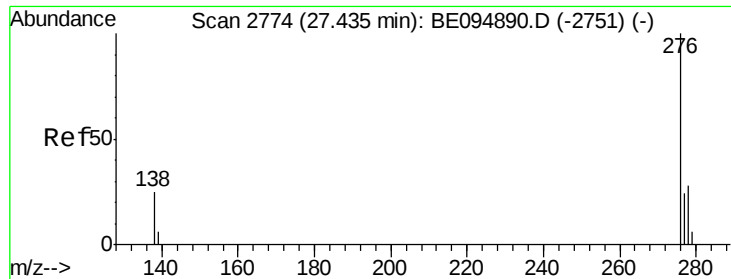


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

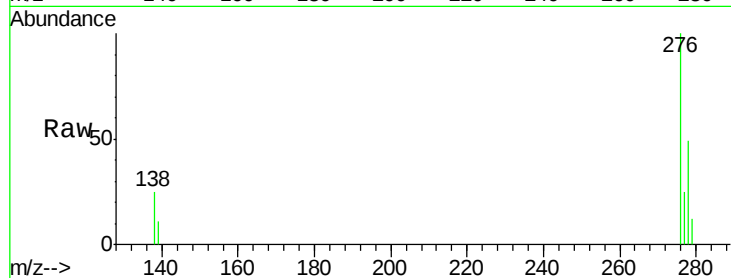




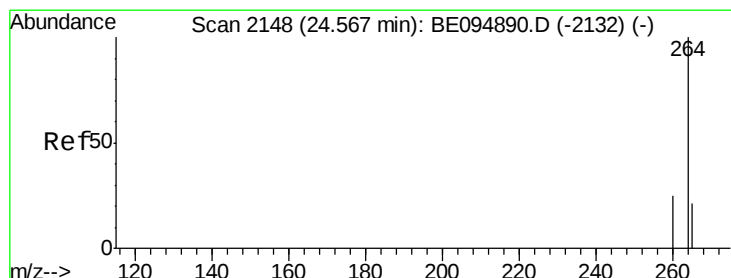
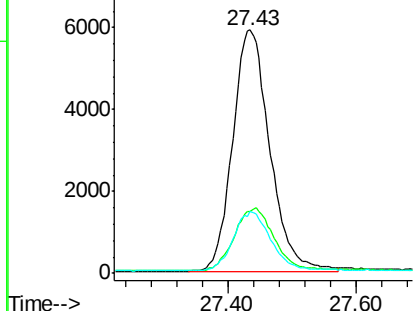
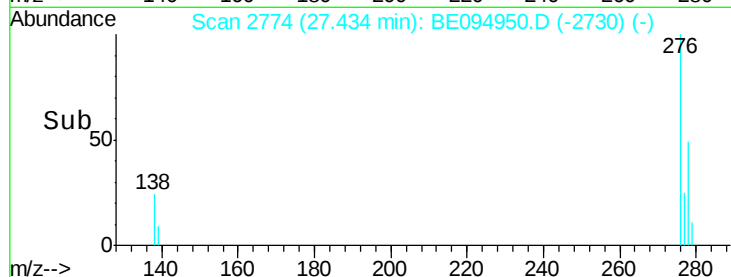
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:276 Resp: 23663
Ion Ratio Lower Upper
276 100
138 27.6 22.5 33.7
277 24.9 19.9 29.9

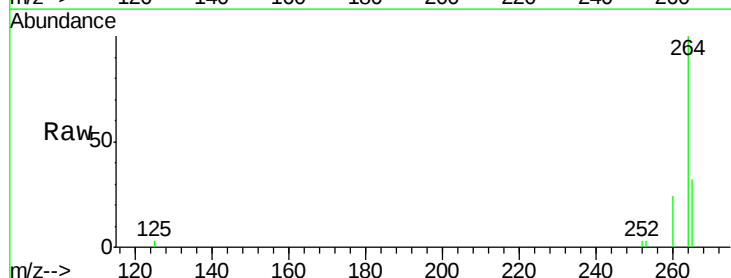


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

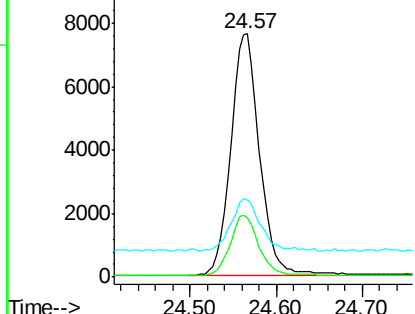
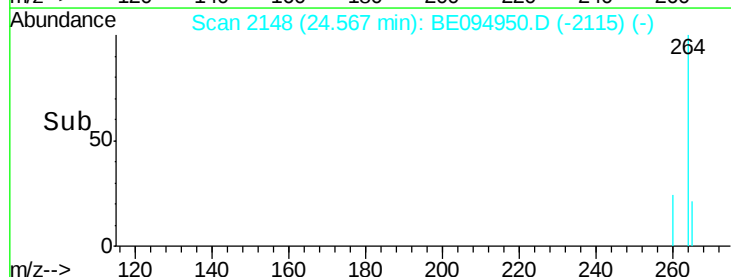


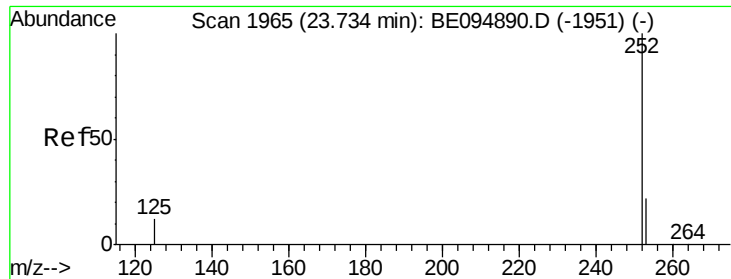
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:264 Resp: 17662
Ion Ratio Lower Upper
264 100
260 24.5 20.5 30.7
265 31.9 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: 0.380 ng

RT: 23.73 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

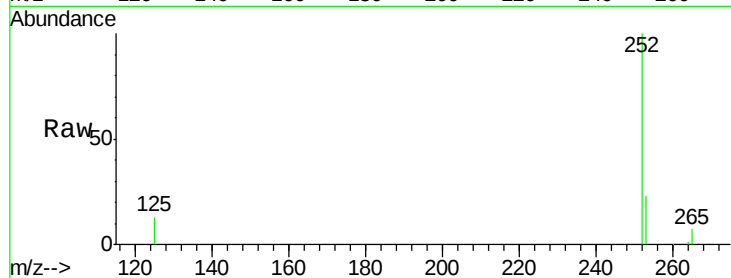
Tot Ion:252 Resp: 24498

Ion Ratio Lower Upper

252 100

253 23.0 48.0 72.0#

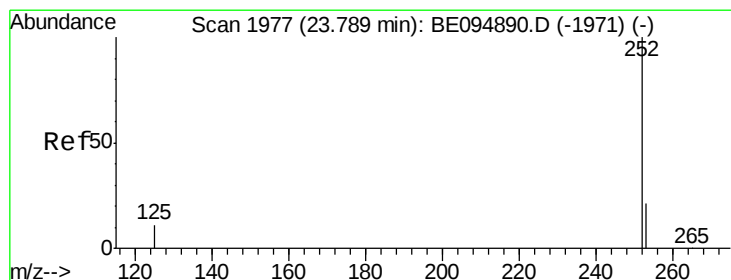
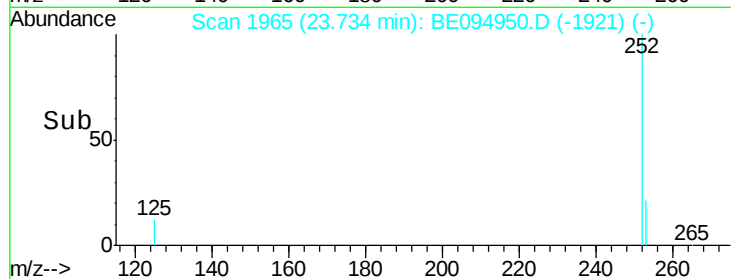
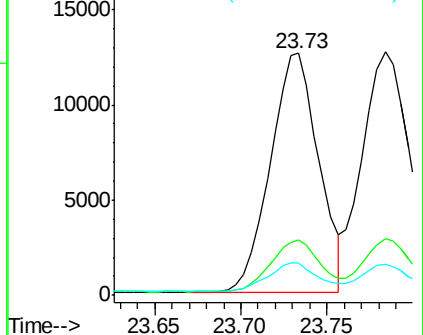
125 13.3 56.0 84.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 23.78 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

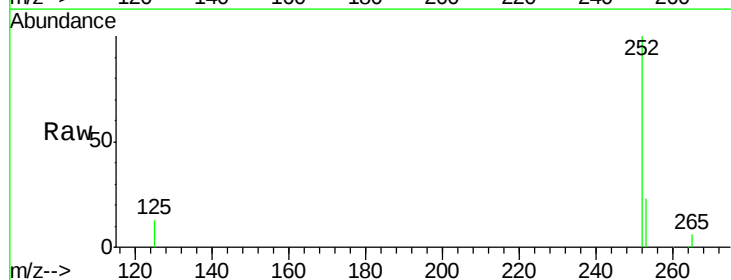
Tgt Ion:252 Resp: 25149

Ion Ratio Lower Upper

252 100

253 23.4 48.0 72.0#

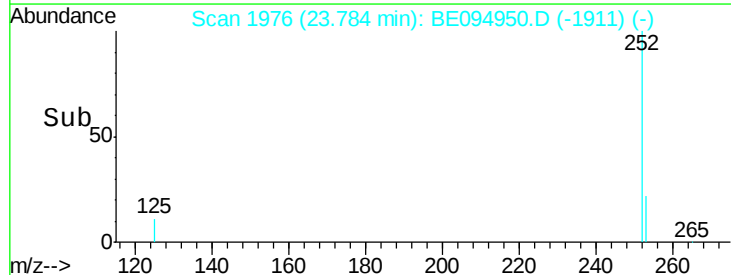
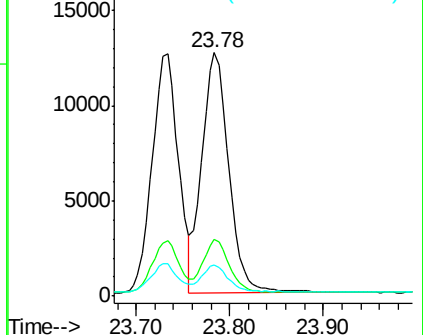
125 12.6 56.0 84.0#

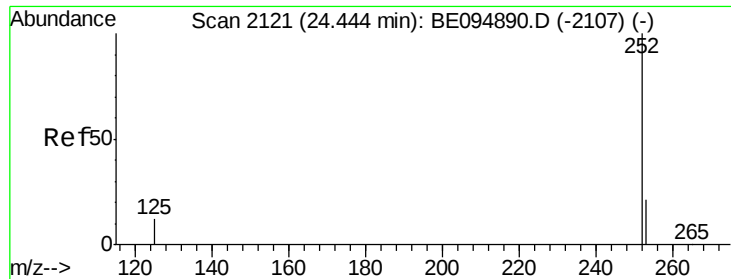


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 24.44 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

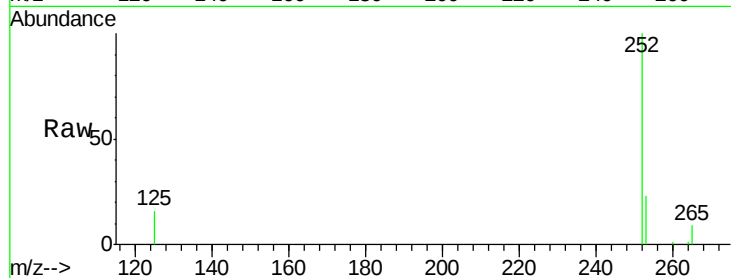
Tot Ion:252 Resp: 21692

Ion Ratio Lower Upper

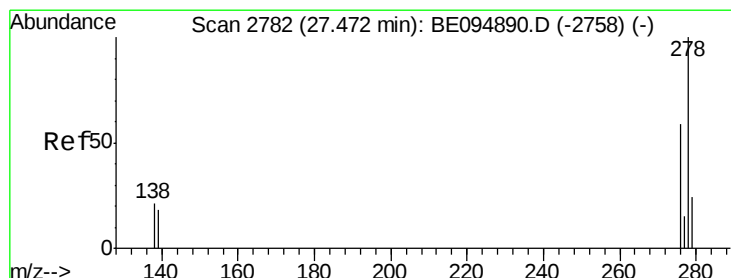
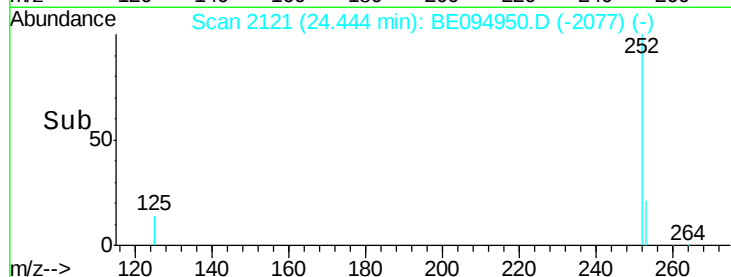
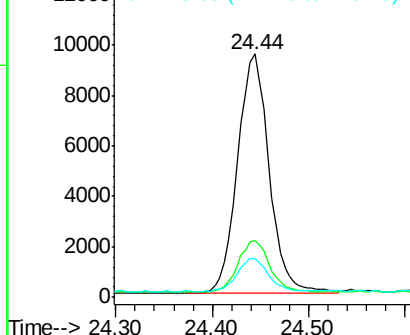
252 100

253 23.1 52.0 78.0#

125 15.9 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: 0.381 ng

RT: 27.46 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

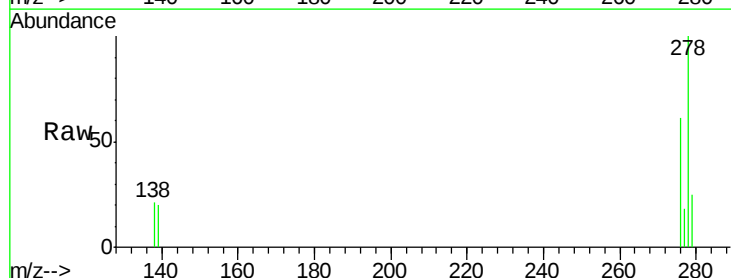
Tgt Ion:278 Resp: 19907

Ion Ratio Lower Upper

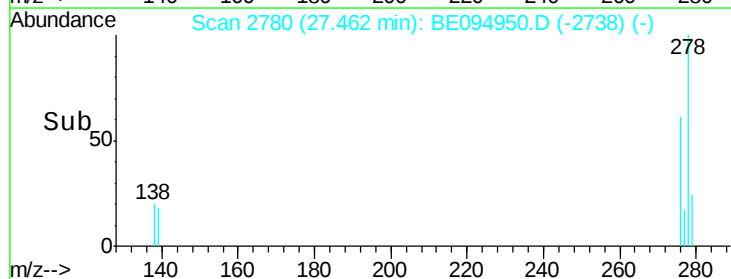
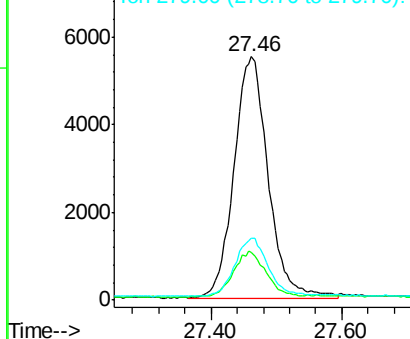
278 100

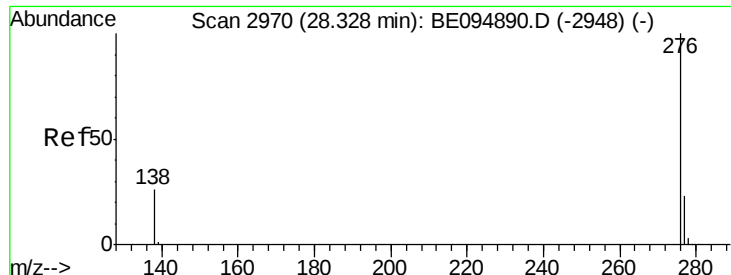
139 19.6 56.0 84.0#

279 25.4 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: 0.386 ng

RT: 28.32 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BE094950.D

Acq: 8 Dec 2017 14:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

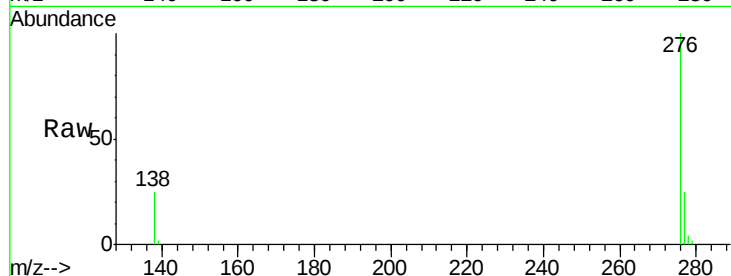
Tot Ion: 276 Resp: 20127

Ion Ratio Lower Upper

276 100

277 24.8 52.0 78.0#

138 24.8 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

