

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
 Data File : BE094890.D
 Acq On : 30 Nov 2017 13:49
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Nov 30 15:22:18 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 15:20:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8226	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	18249	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	10114	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	25427	0.40	ng	0.00
27) Chrysene-d12	21.88	240	31091	0.40	ng	0.00
34) Perylene-d12	24.57	264	24647	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	5257	0.19	ng	0.00
5) Phenol-d6	7.59	99	7747	0.18	ng	0.00
8) Nitrobenzene-d5	9.66	82	4290	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	11670	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	836	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	17554	0.49	ng	0.00
25) Fluoranthene-d10	19.76	212	137669	0.45	ng	0.00
29) Terphenyl-d14	20.33	244	22698	0.39	ng	0.00

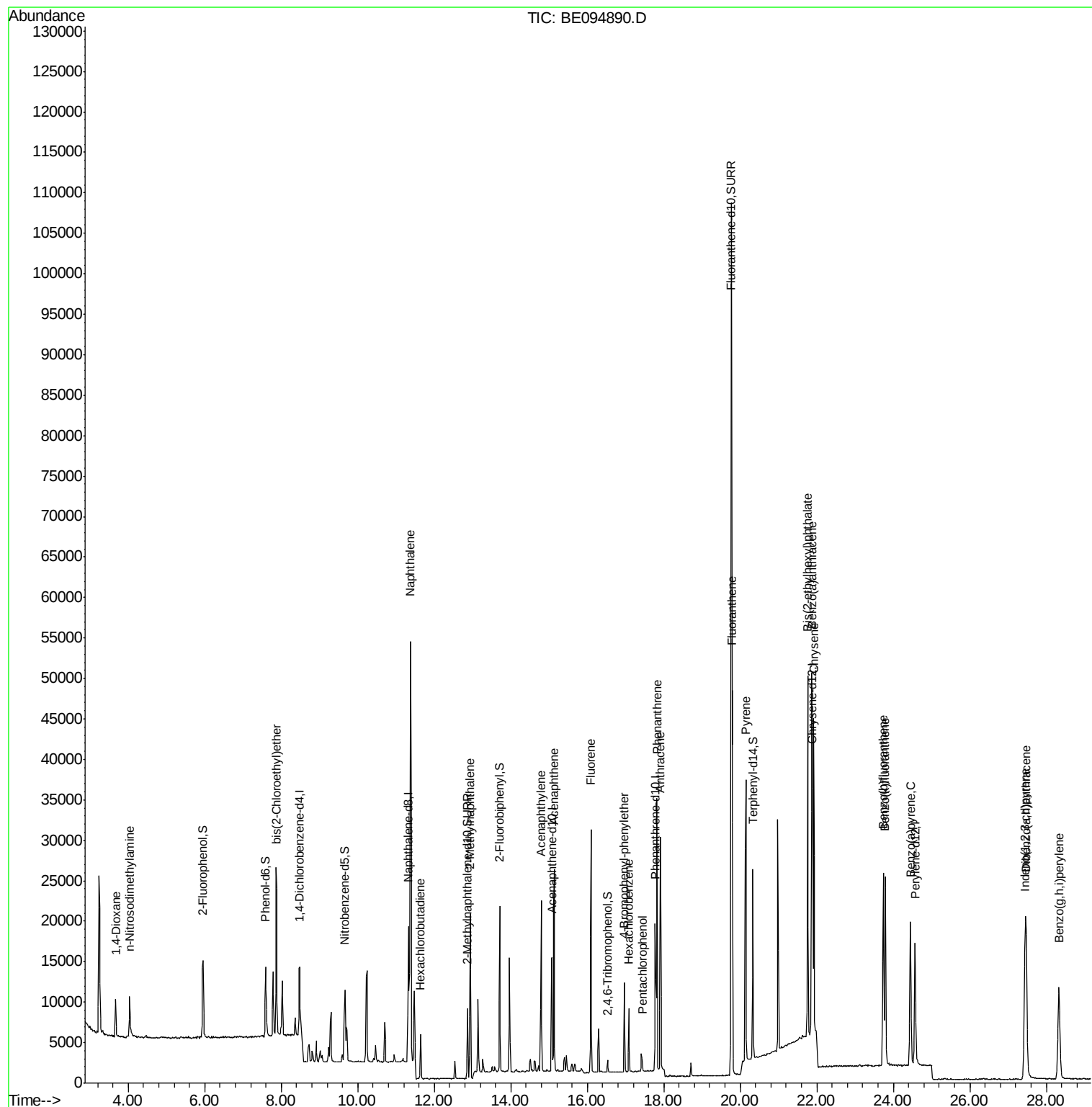
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.68	88	3662	0.263	ng	# 91
3) n-Nitrosodimethylamine	4.03	42	4311	0.323	ng	# 80
6) bis(2-Chloroethyl)ether	7.88	93	7812	0.237	ng	97
9) Naphthalene	11.38	128	86089	0.417	ng	100
10) Hexachlorobutadiene	11.64	225	3643	0.487	ng	96
12) 2-Methylnaphthalene	12.94	142	21001	0.599	ng	96
16) Acenaphthylene	14.79	152	22231	0.416	ng	99
17) Acenaphthene	15.13	154	14489	0.423	ng	95
18) Fluorene	16.10	166	19057	0.434	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	5604	0.404	ng	# 65
21) Hexachlorobenzene	17.09	284	5611	0.462	ng	# 80
22) Pentachlorophenol	17.43	266	1241	0.799	ng	# 71
23) Phenanthrene	17.82	178	32685	0.497	ng	99
24) Anthracene	17.91	178	33384	0.447	ng	# 93
26) Fluoranthene	19.79	202	41407	0.443	ng	99
28) Pyrene	20.14	202	42597	0.392	ng	# 96
30) Benzo(a)anthracene	21.87	228	37132	0.367	ng	# 61
31) Chrysene	21.92	228	42079	0.410	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	54109	0.218	ng	100
33) Indeno(1,2,3-cd)pyrene	27.44	276	33881	0.357	ng	99
35) Benzo(b)fluoranthene	23.73	252	35124	0.441	ng	# 41
36) Benzo(k)fluoranthene	23.79	252	35569	0.419	ng	# 40
37) Benzo(a)pyrene	24.44	252	30594	0.395	ng	# 33
38) Dibenzo(a,h)anthracene	27.47	278	28371	0.408	ng	# 44
39) Benzo(g,h,i)perylene	28.33	276	28521	0.439	ng	# 53

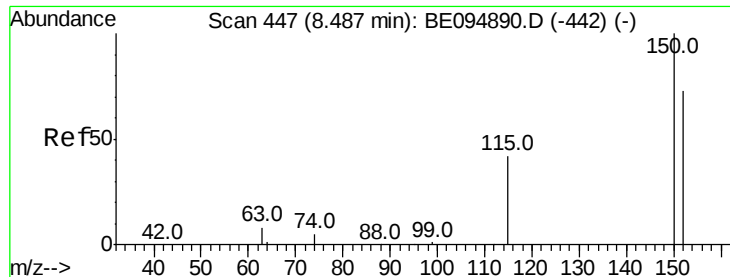
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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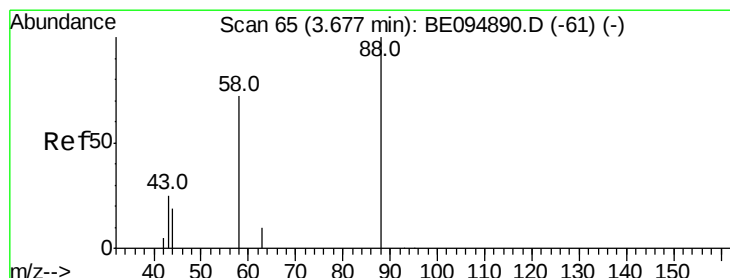
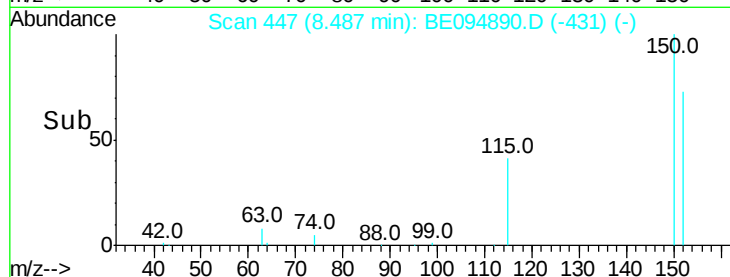
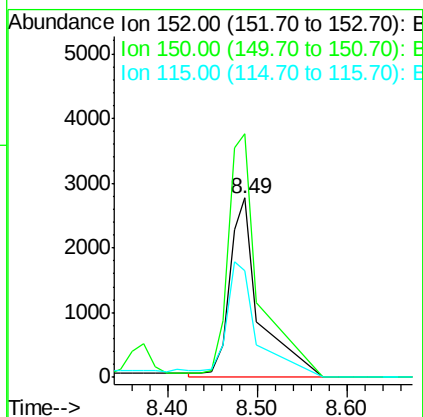
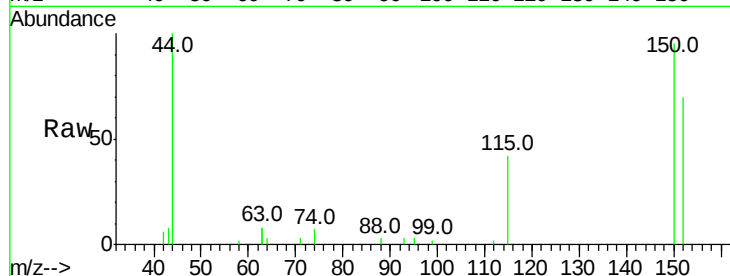


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.49 min Scan# 447
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

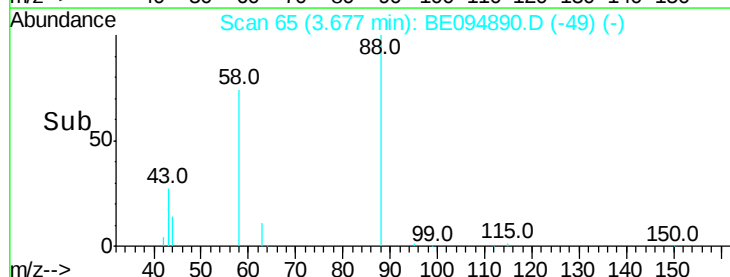
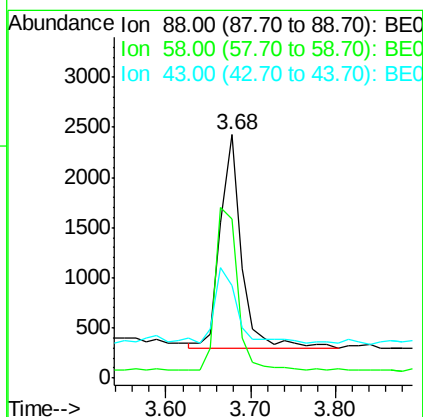
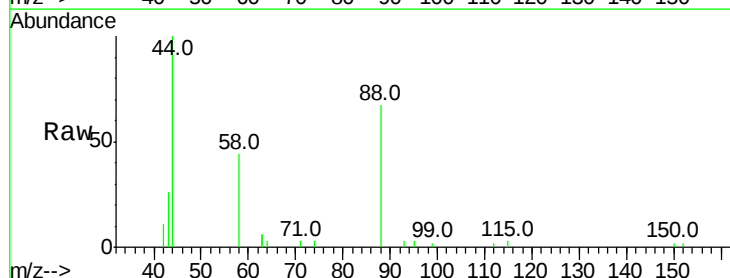
Tot Ion:152 Resp: 8226
Ion Ratio Lower Upper
152 100
150 135.7 117.2 175.8
115 59.5 57.0 85.6

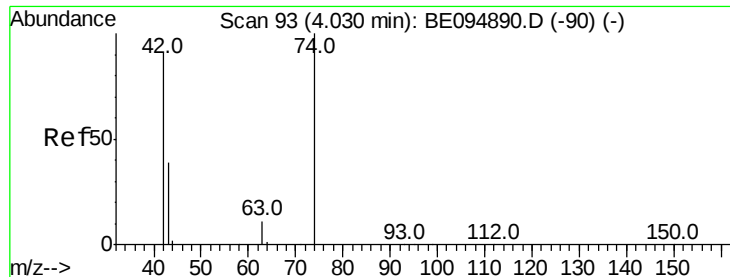


#2

1,4-Dioxane
Concen: 0.263 ng
RT: 3.68 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion: 88 Resp: 3662
Ion Ratio Lower Upper
88 100
58 79.6 63.2 94.8
43 36.4 41.2 61.8#



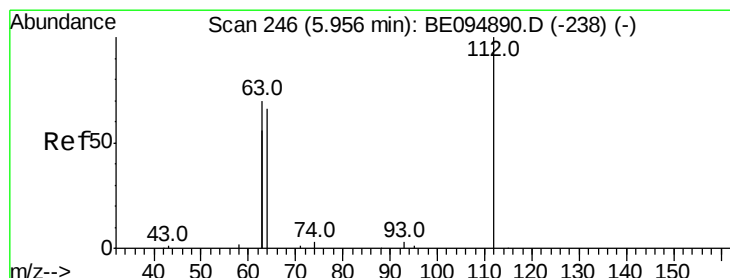
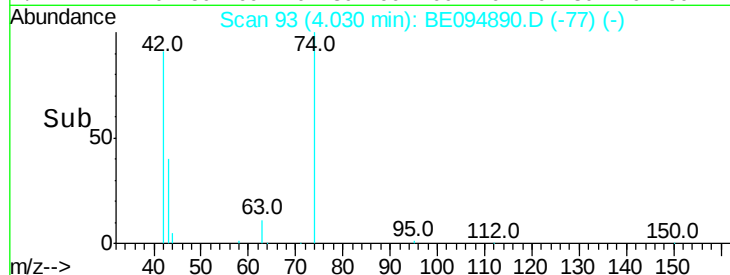
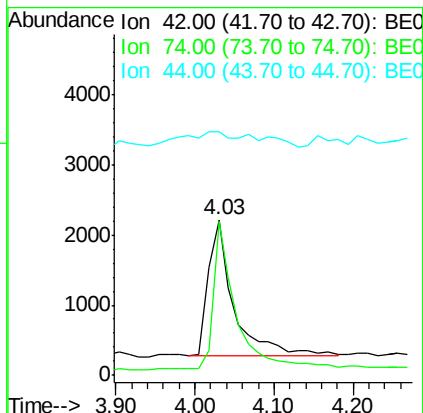
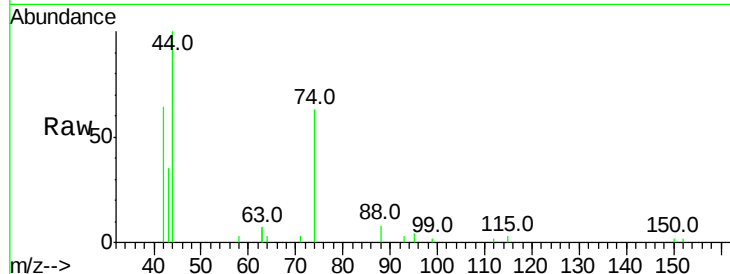


#3

n-Nitrosodimethylamine
 Concen: 0.323 ng
 RT: 4.03 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BE094890.D
 Acq: 30 Nov 2017 13:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

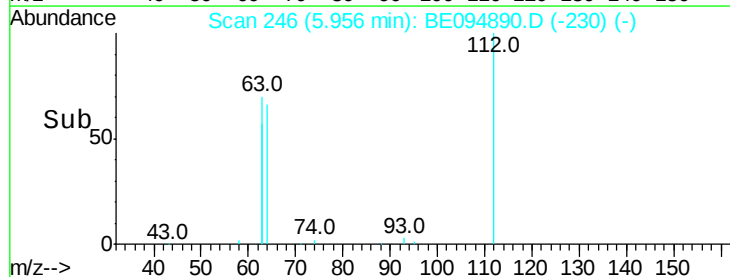
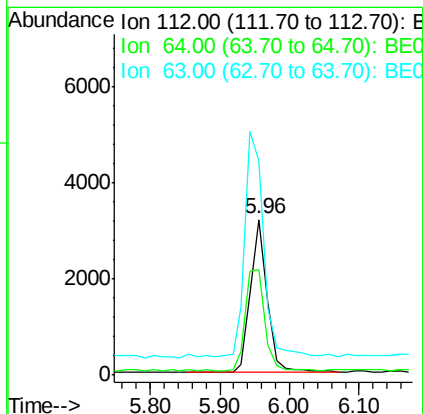
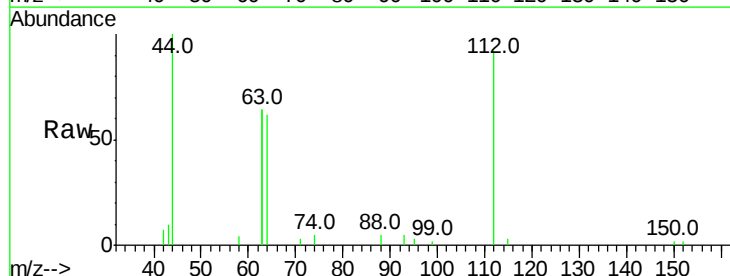
Tot Ion: 42 Resp: 4311
 Ion Ratio Lower Upper
 42 100
 74 99.1 100.3 150.5#
 44 19.3 17.0 25.4

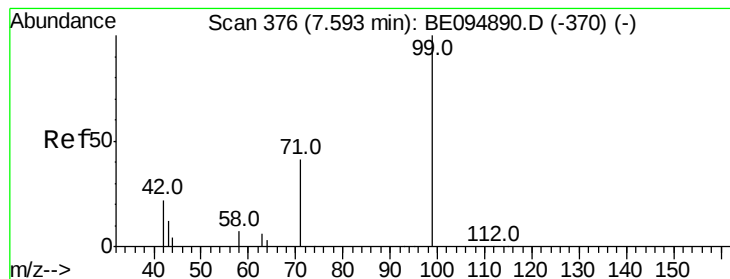


#4

2-Fluorophenol
 Concen: 0.187 ng
 RT: 5.96 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE094890.D
 Acq: 30 Nov 2017 13:49

Tgt Ion: 112 Resp: 5257
 Ion Ratio Lower Upper
 112 100
 64 76.0 60.1 90.1
 63 165.1 116.8 175.2





#5

Phenol-d6

Concen: 0.182 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

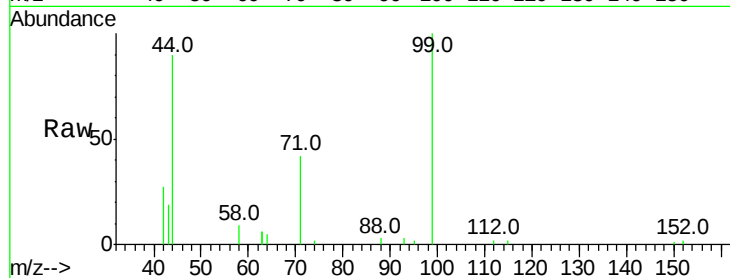
Tot Ion: 99 Resp: 7747

Ion Ratio Lower Upper

99 100

42 25.9 20.2 30.2

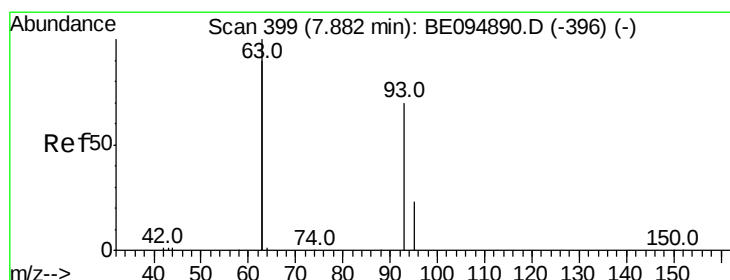
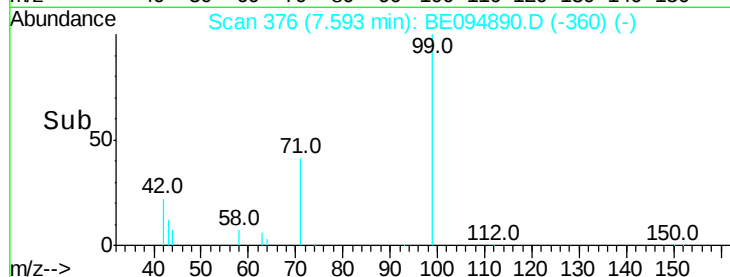
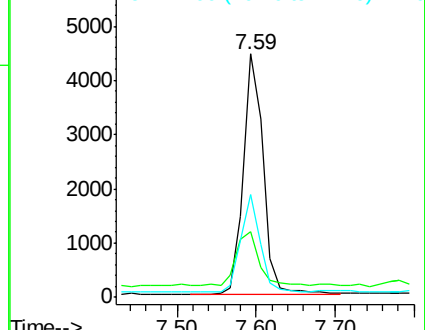
71 40.1 28.4 42.6



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: 0.237 ng

RT: 7.88 min Scan# 399

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

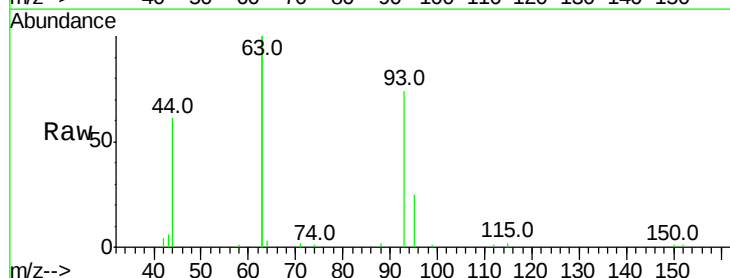
Tgt Ion: 93 Resp: 7812

Ion Ratio Lower Upper

93 100

63 336.7 275.3 412.9

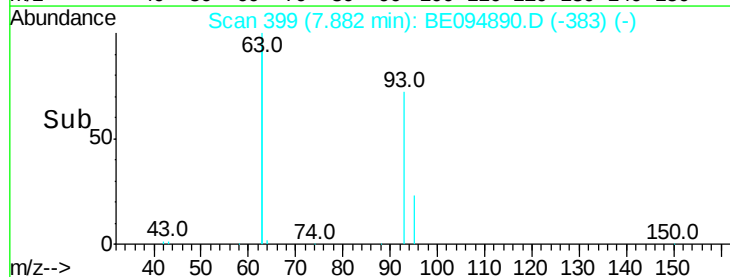
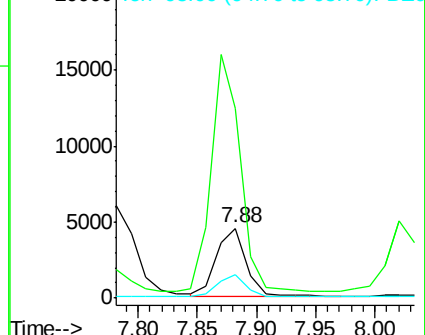
95 31.2 25.2 37.8

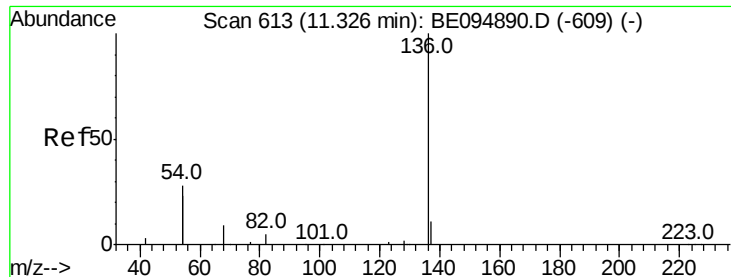


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 18249

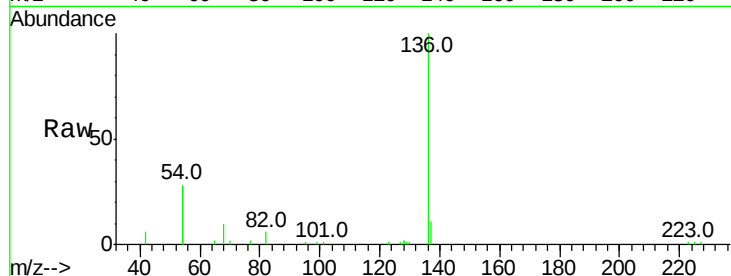
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 55.0 29.1 43.7#

68 10.1 6.2 9.2#

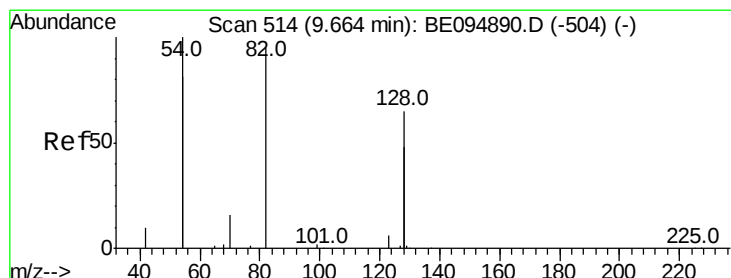
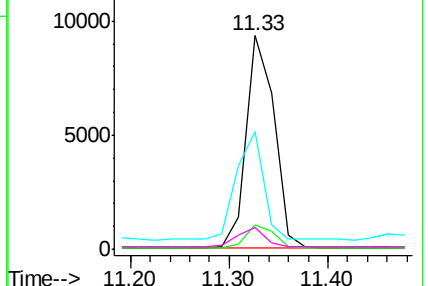
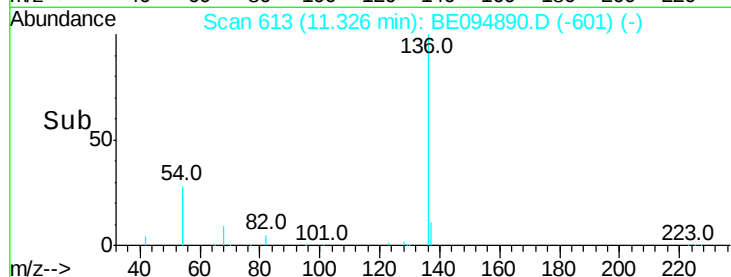


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.294 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

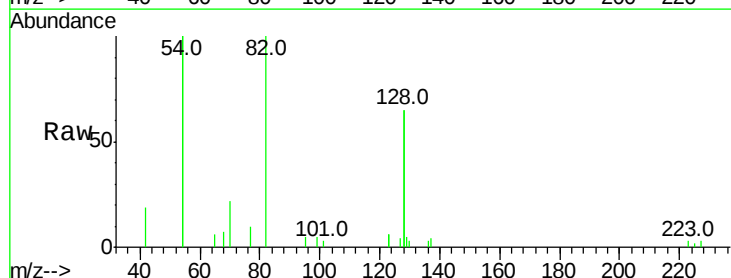
Tgt Ion: 82 Resp: 4290

Ion Ratio Lower Upper

82 100

128 129.1 150.0 225.0#

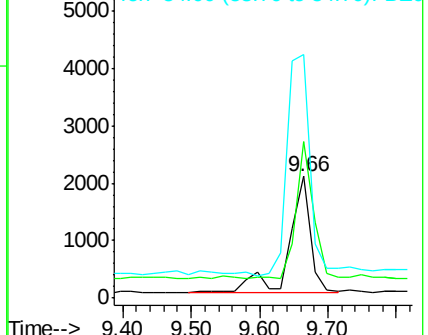
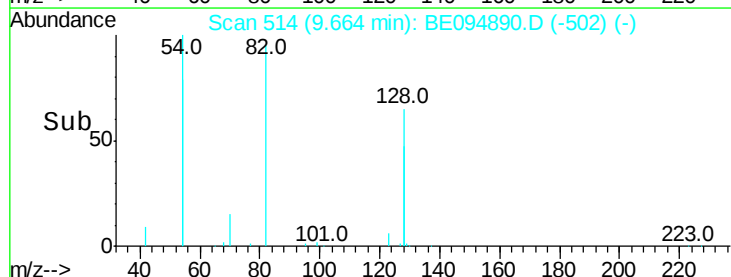
54 200.1 154.2 231.4

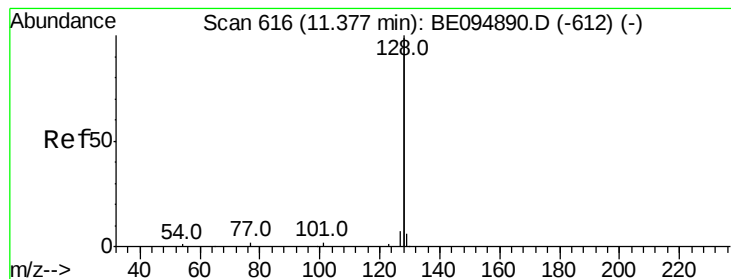


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.417 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

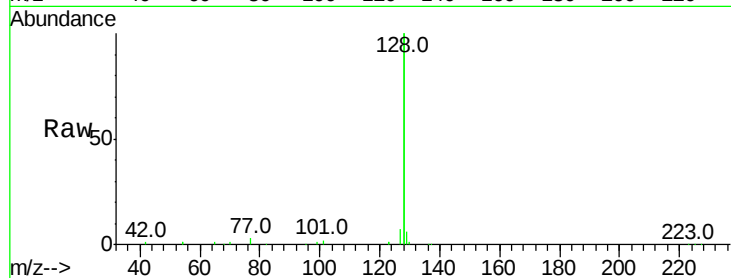
Tot Ion:128 Resp: 86089

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

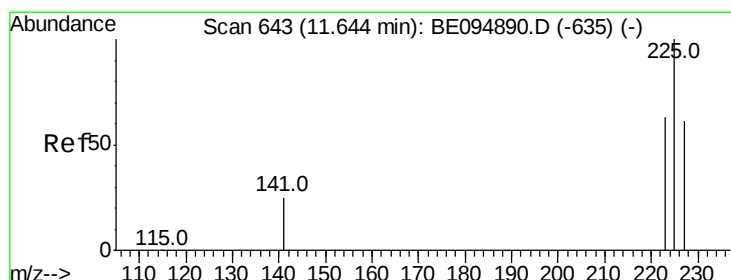
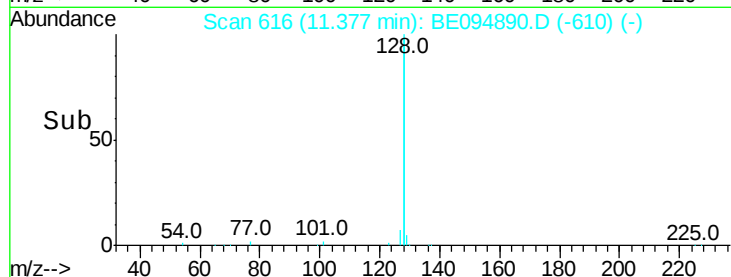
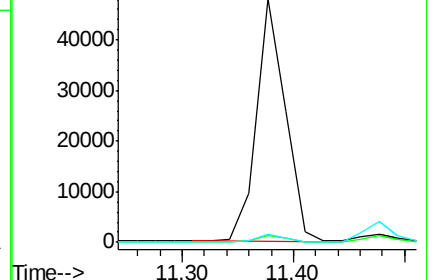
127 3.5 2.8 4.2



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: 0.487 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

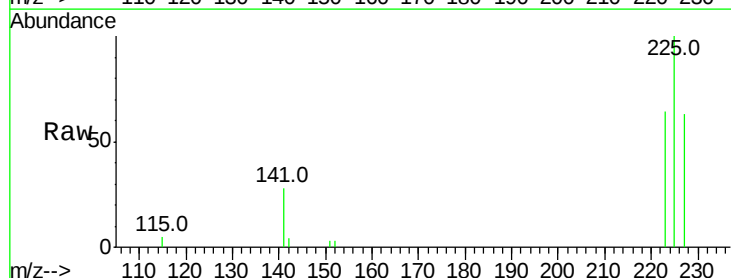
Tgt Ion:225 Resp: 3643

Ion Ratio Lower Upper

225 100

223 61.0 53.0 79.6

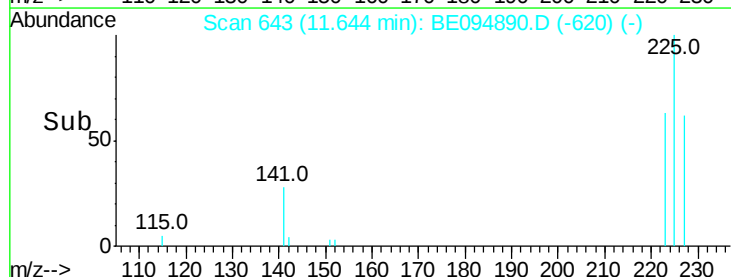
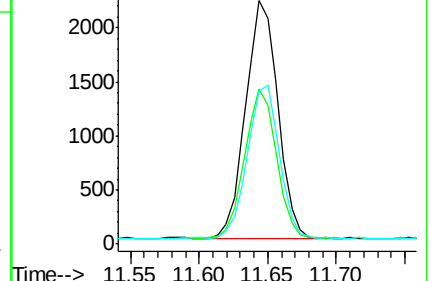
227 64.0 51.4 77.2

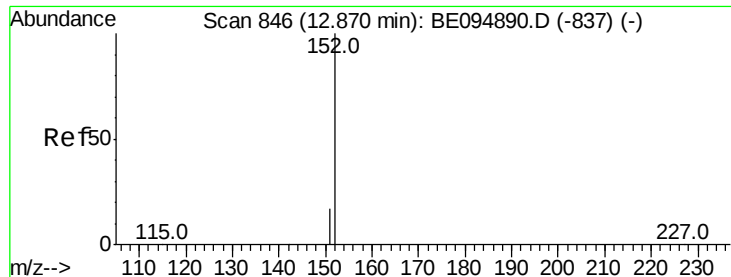


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.87 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

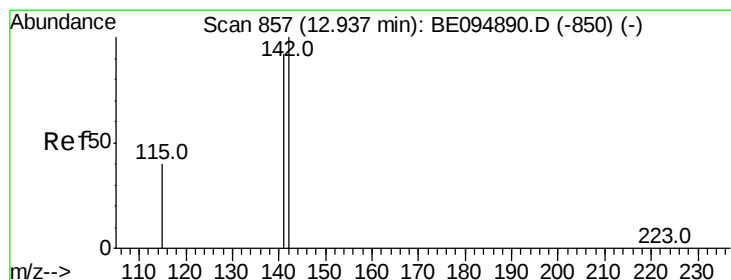
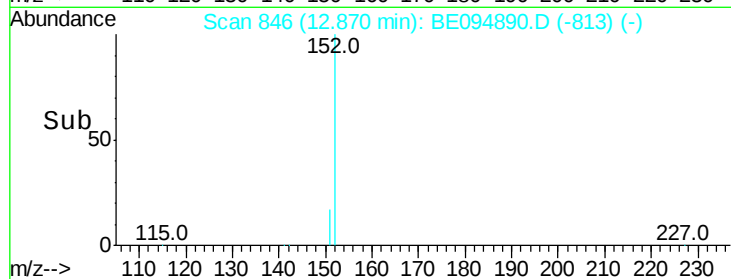
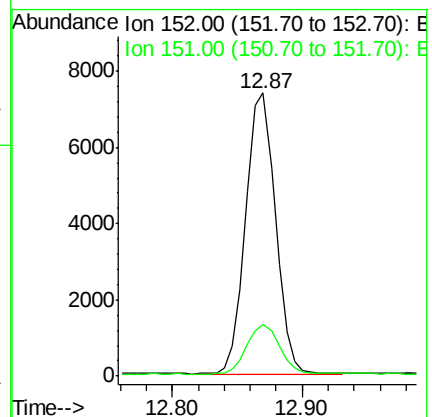
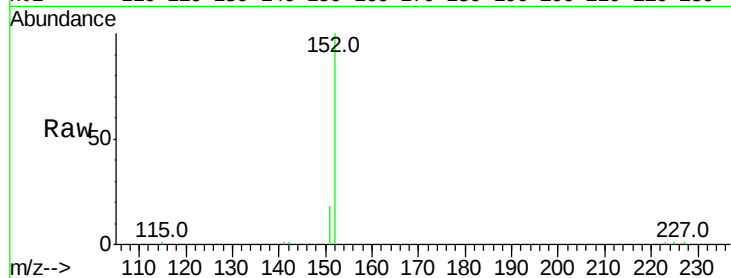
SSTDICCC0.4

Tot Ion:152 Resp: 11670

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.599 ng

RT: 12.94 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

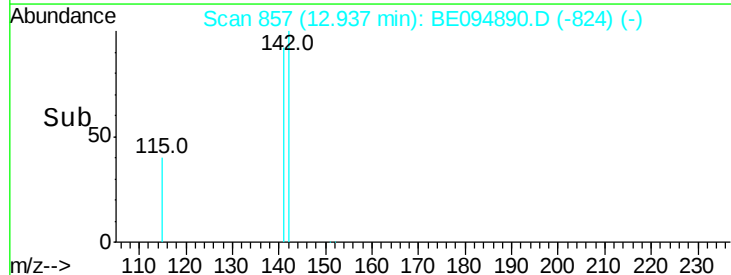
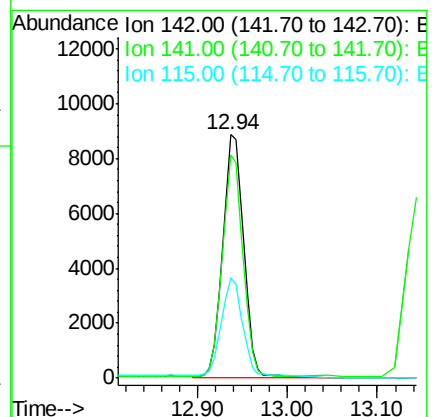
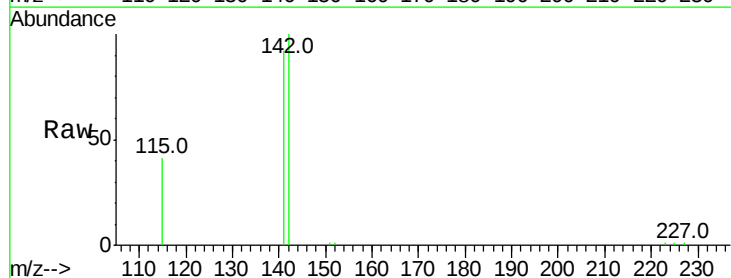
Tgt Ion:142 Resp: 21001

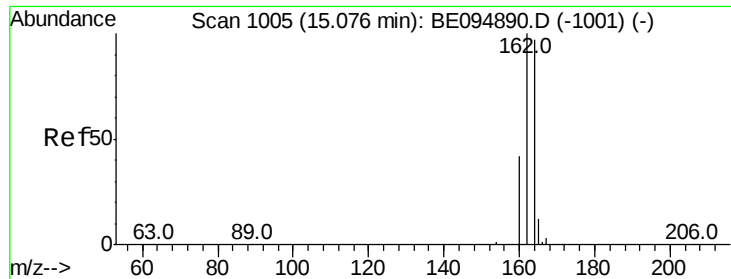
Ion Ratio Lower Upper

142 100

141 91.8 70.4 105.6

115 41.0 31.7 47.5

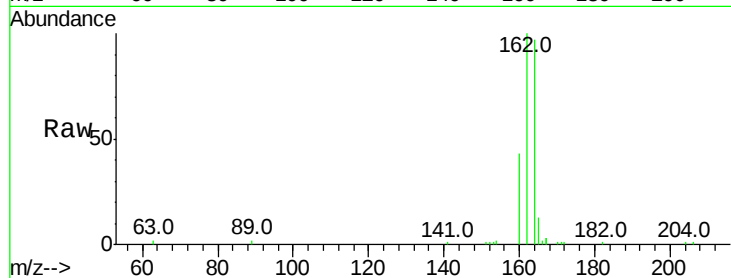




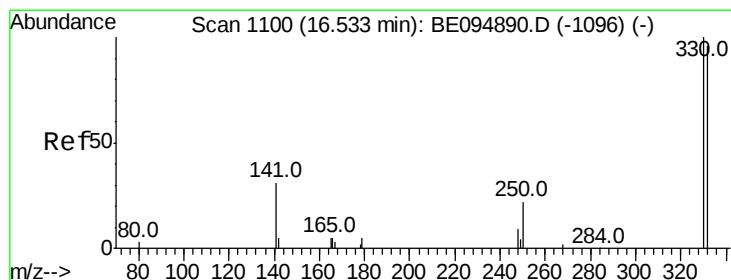
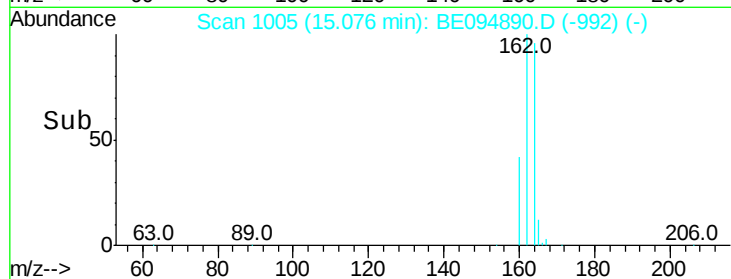
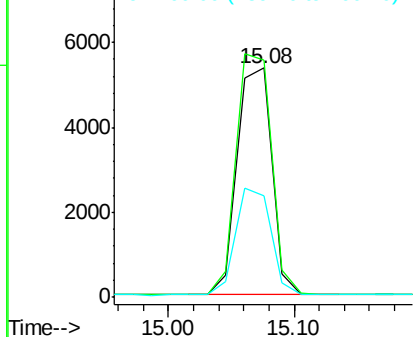
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.08 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BE094890.D
 Acq: 30 Nov 2017 13:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:164 Resp: 10114
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.1 124.7
 160 44.3 37.1 55.7

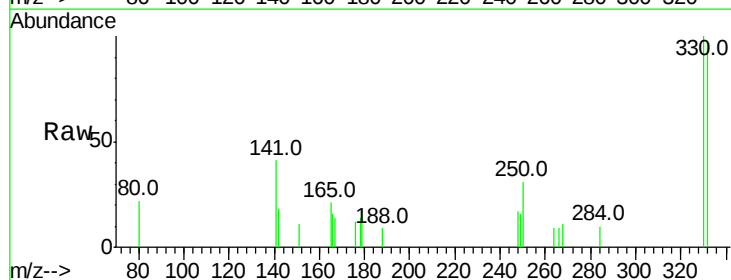


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

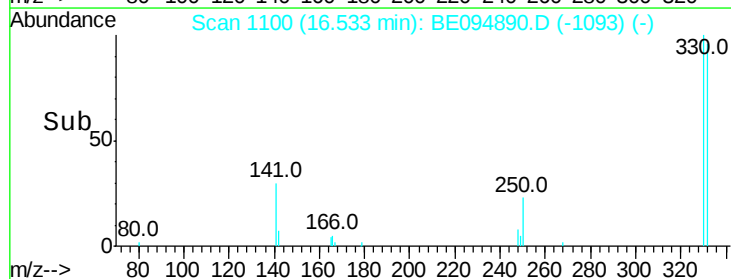
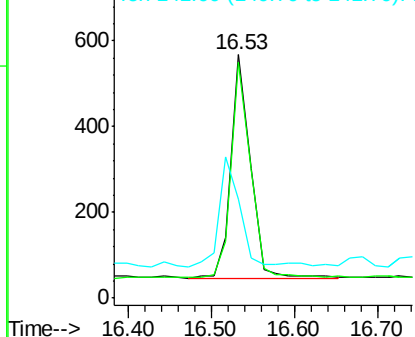


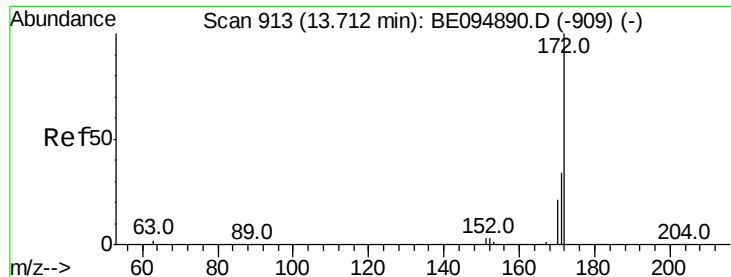
#14
 2,4,6-Tribromophenol
 Concen: 0.300 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094890.D
 Acq: 30 Nov 2017 13:49

Tgt Ion:330 Resp: 836
 Ion Ratio Lower Upper
 330 100
 332 95.8 152.7 229.1#
 141 52.8 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

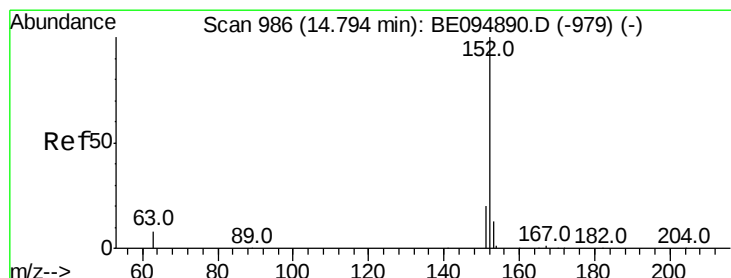
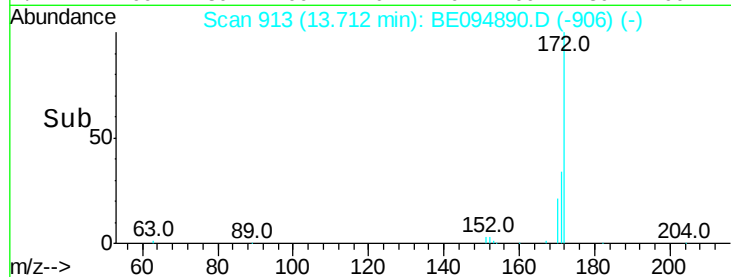
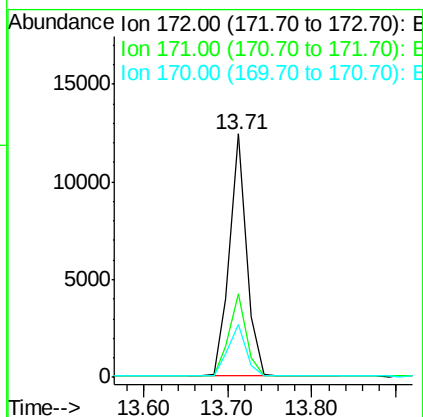
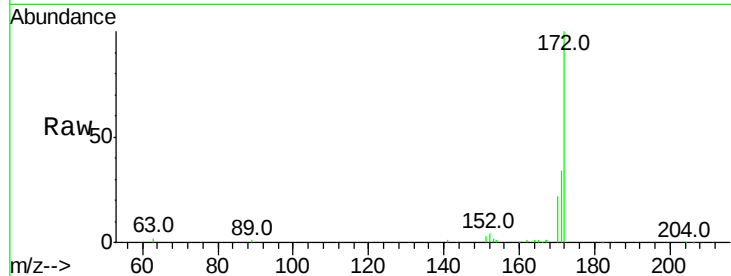




#15
2-Fluorobiphenyl
Concen: 0.492 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

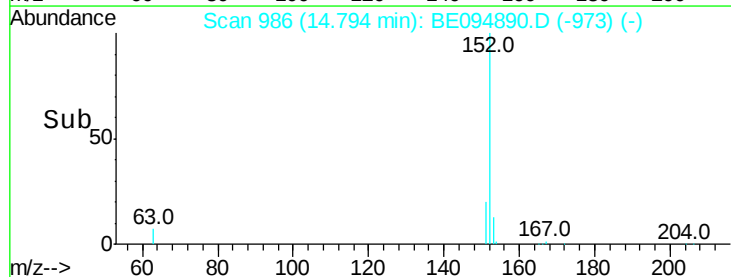
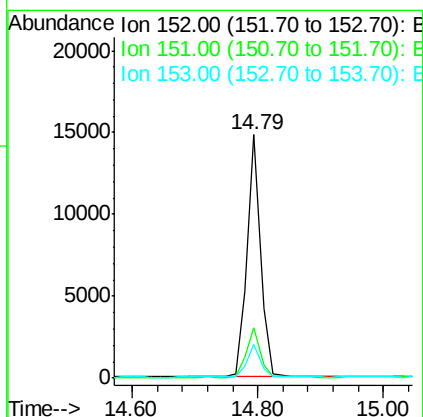
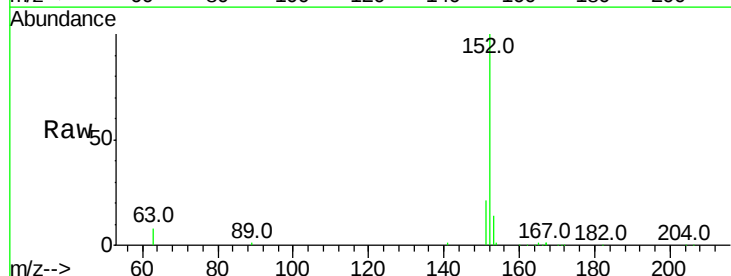
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

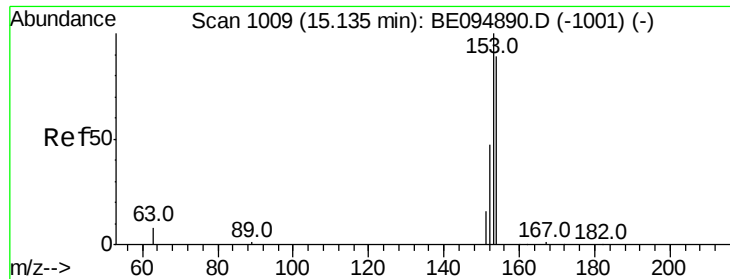
Tot Ion:172 Resp: 17554
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 21.7 21.8 32.8#



#16
Acenaphthylene
Concen: 0.416 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:152 Resp: 22231
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.423 ng

RT: 15.13 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

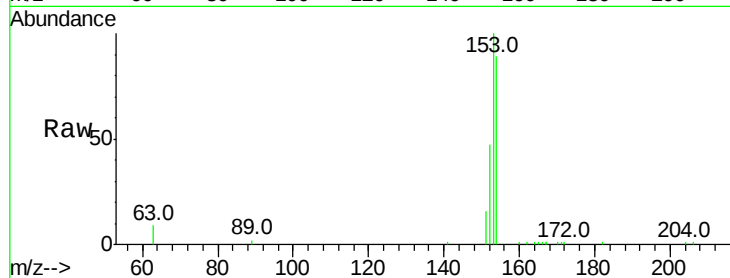
Tot Ion:154 Resp: 14489

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

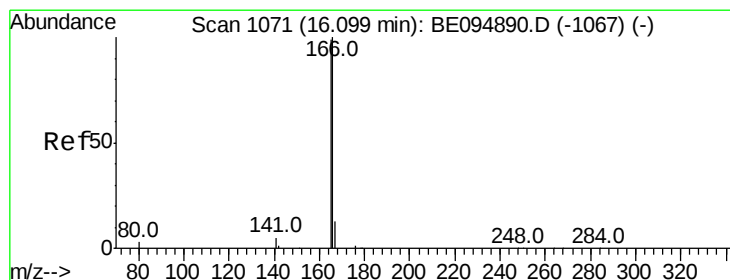
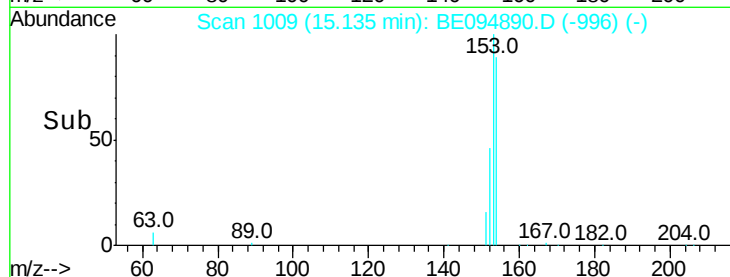
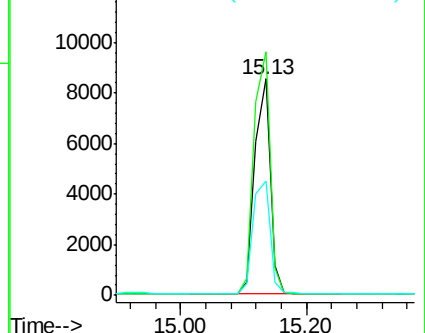
152 57.4 42.0 63.0



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: 0.434 ng

RT: 16.10 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

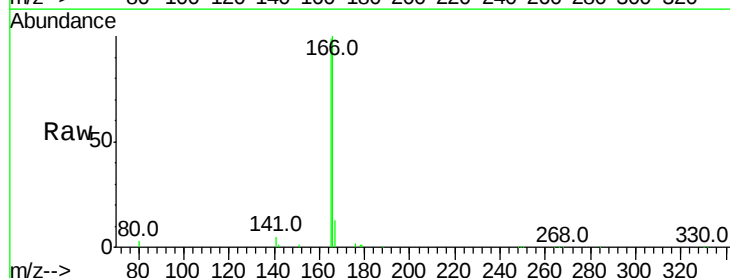
Tgt Ion:166 Resp: 19057

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.6

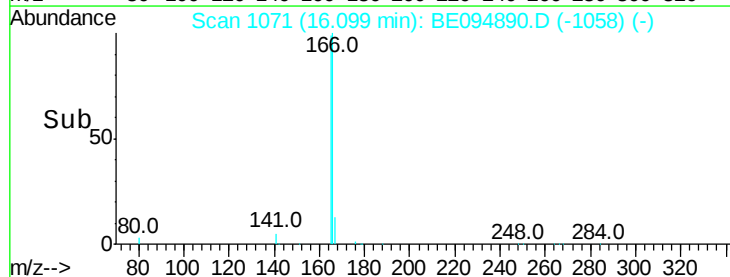
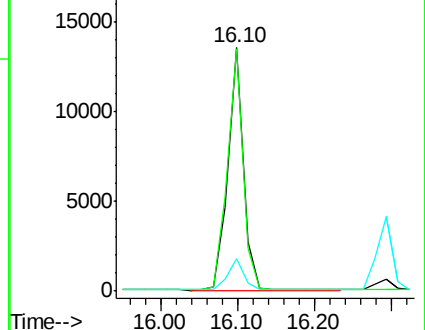
167 13.4 42.4 63.6#

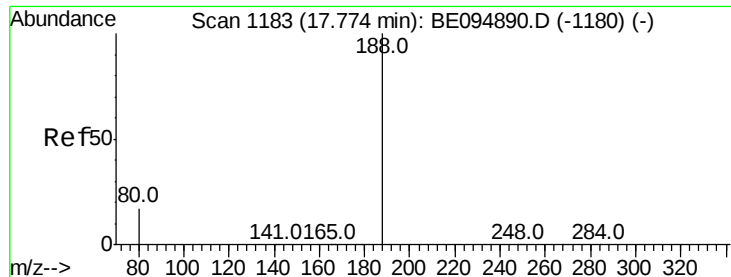


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

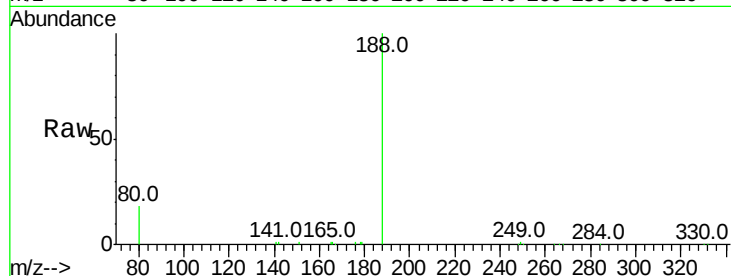
Tot Ion:188 Resp: 25427

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

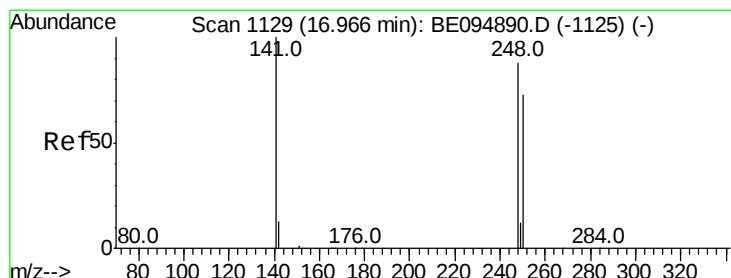
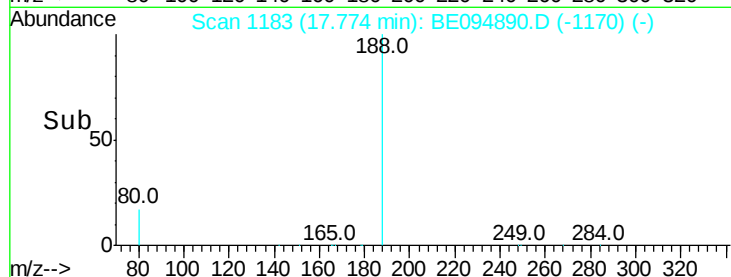
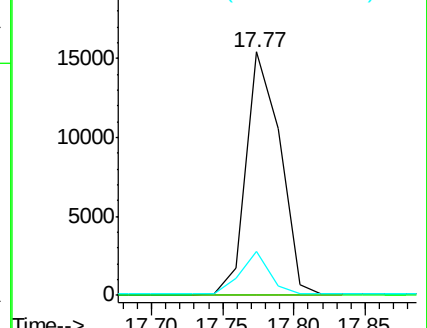
80 18.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 16.97 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

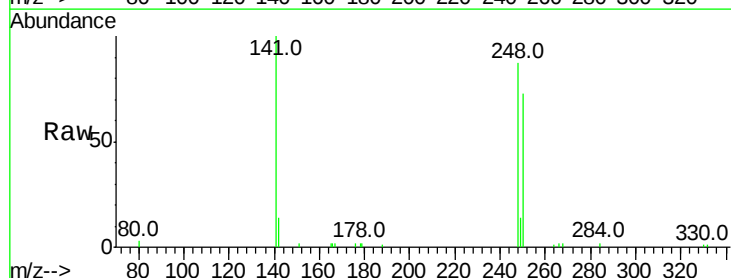
Tgt Ion:248 Resp: 5604

Ion Ratio Lower Upper

248 100

250 83.8 62.7 94.1

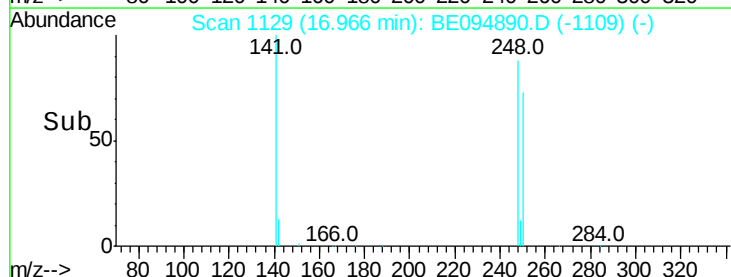
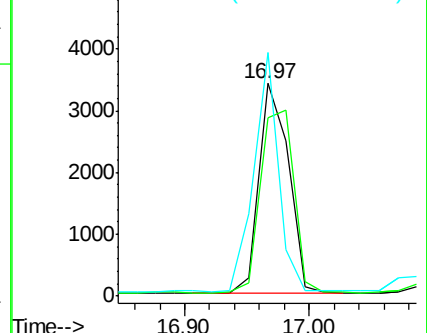
141 114.6 48.2 72.2#

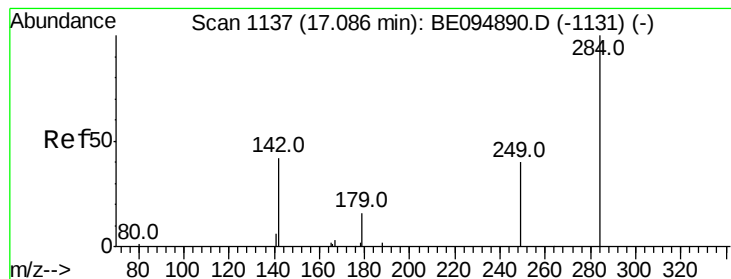


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.462 ng

RT: 17.09 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

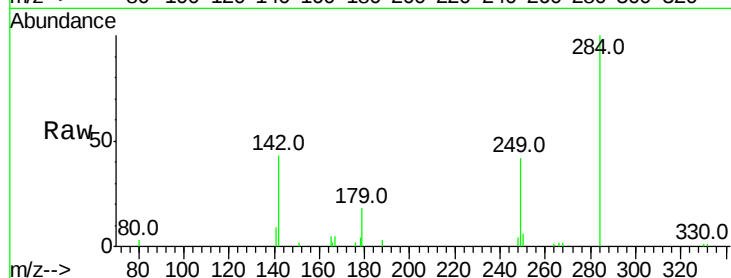
Tot Ion:284 Resp: 5611

Ion Ratio Lower Upper

284 100

142 45.6 22.1 33.1#

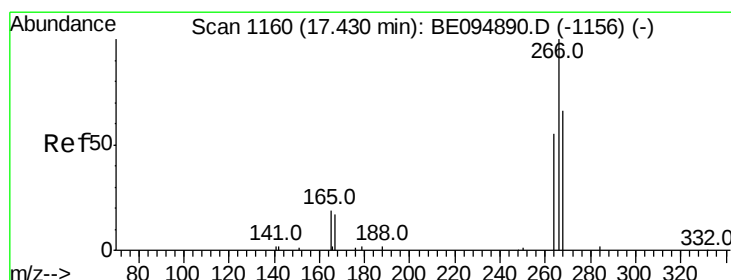
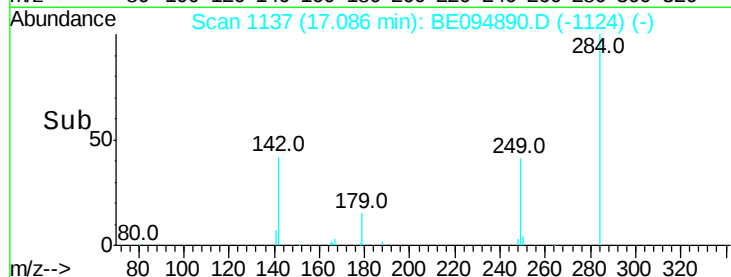
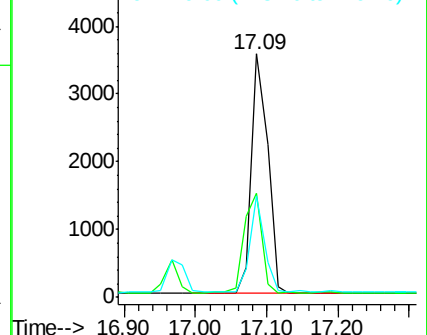
249 36.4 34.8 52.2



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: 0.799 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

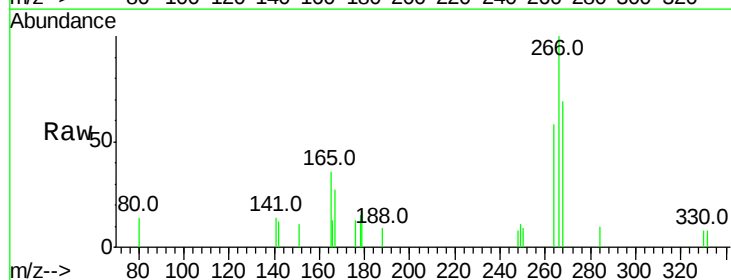
Tgt Ion:266 Resp: 1241

Ion Ratio Lower Upper

266 100

264 58.1 72.5 108.7#

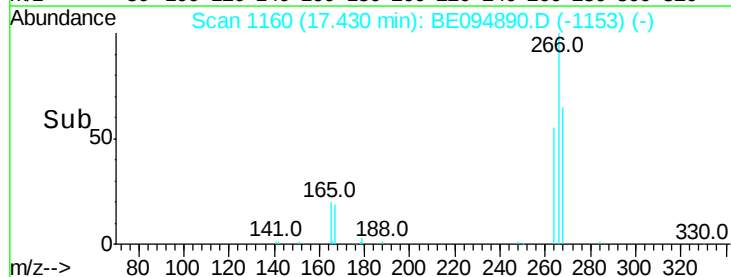
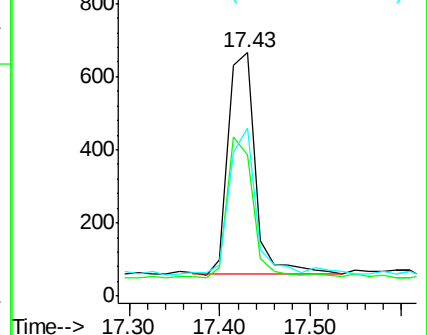
268 69.2 73.8 110.6#

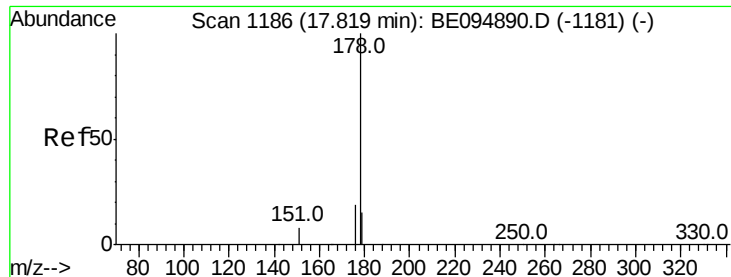


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.497 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

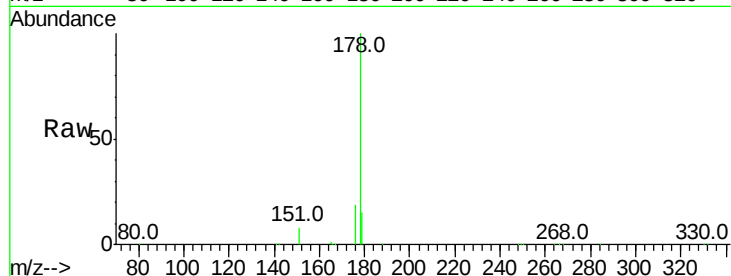
Tot Ion:178 Resp: 32685

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

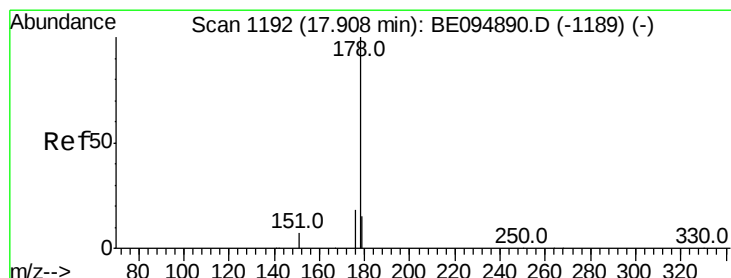
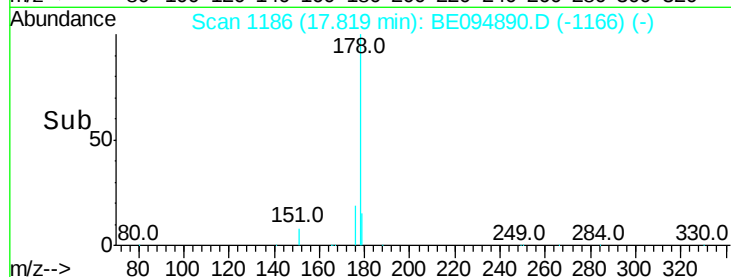
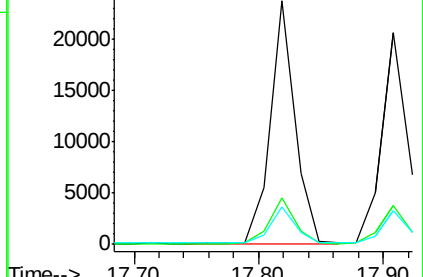
179 15.4 11.8 17.6



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: 0.447 ng

RT: 17.91 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

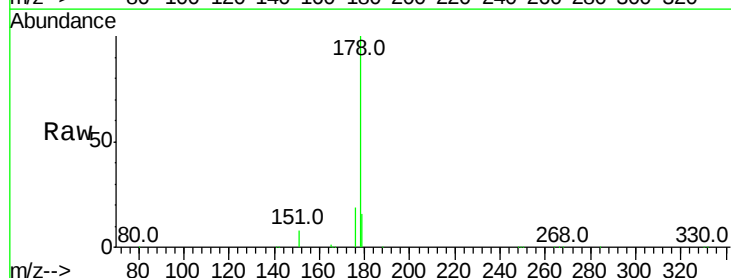
Tgt Ion:178 Resp: 33384

Ion Ratio Lower Upper

178 100

176 20.2 12.8 19.2#

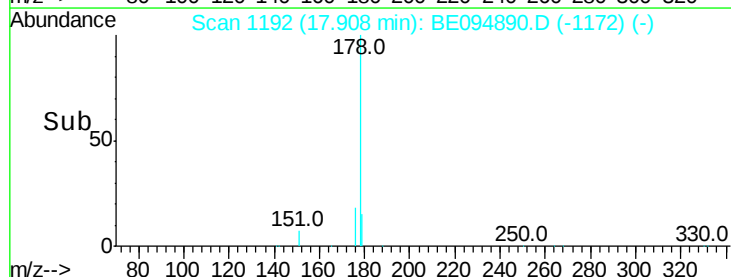
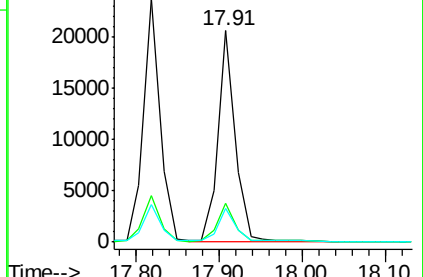
179 18.0 13.0 19.6

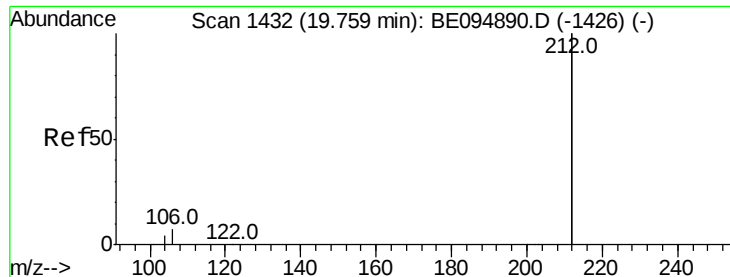


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.450 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

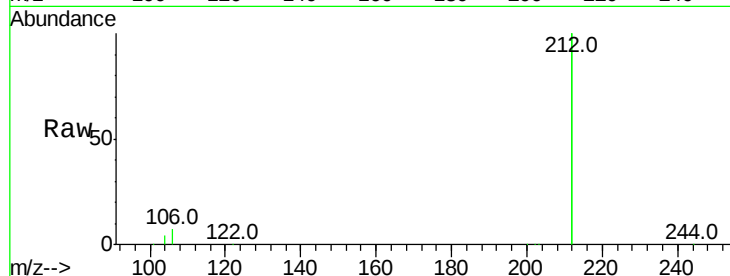
Tot Ion:212 Resp: 137669

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

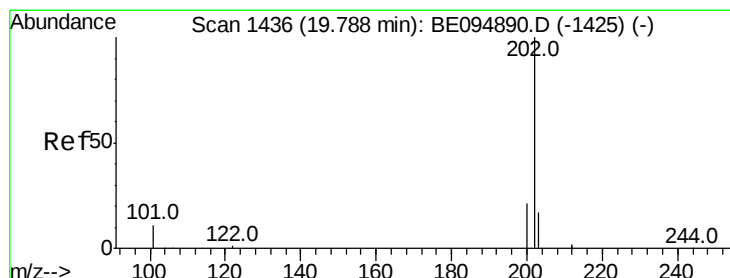
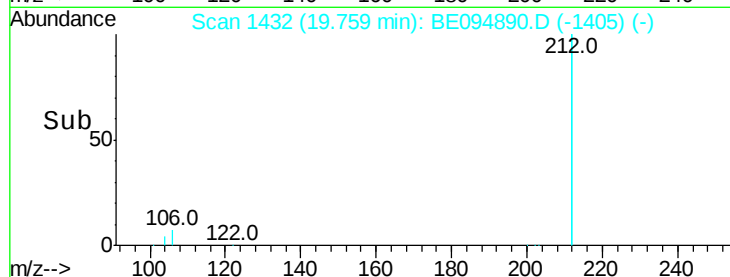
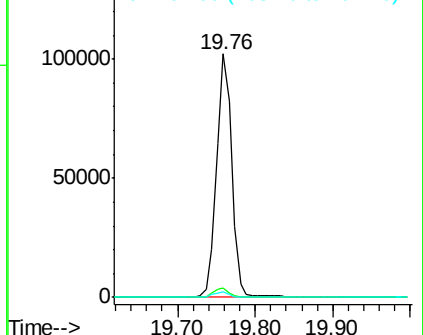
104 2.1 1.6 2.4



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: 0.443 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

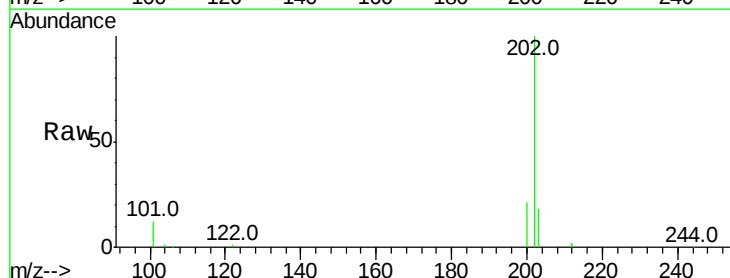
Tgt Ion:202 Resp: 41407

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

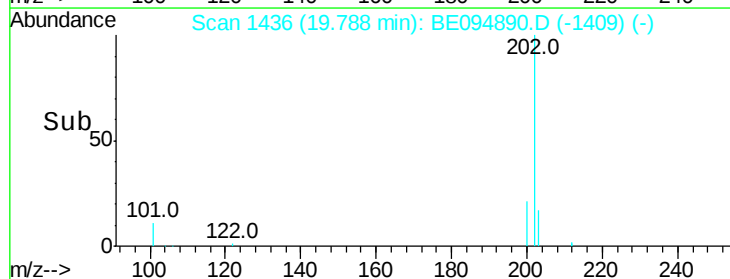
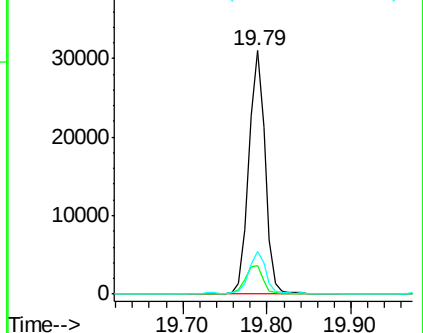
203 17.4 13.7 20.5

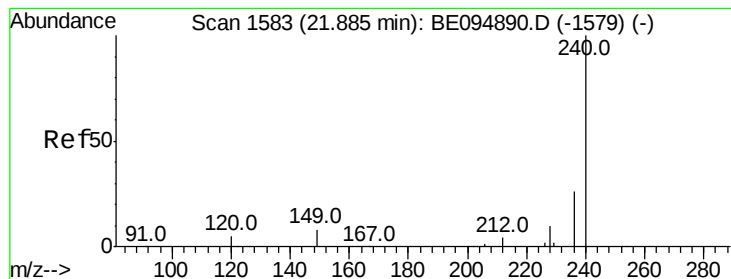


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.88 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

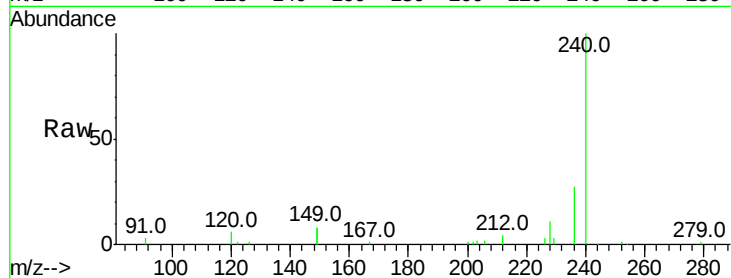
Tot Ion:240 Resp: 31091

Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

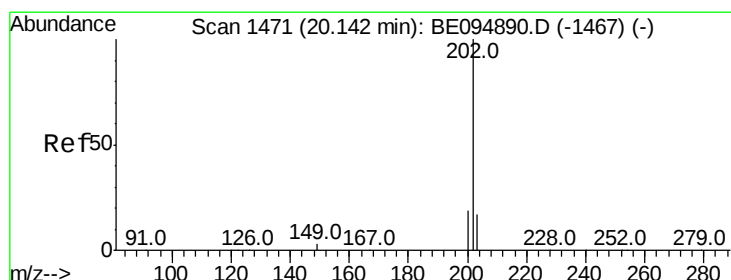
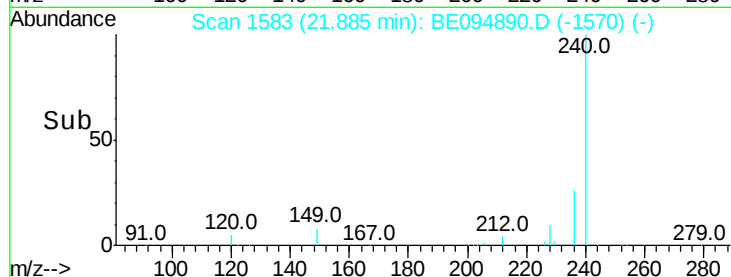
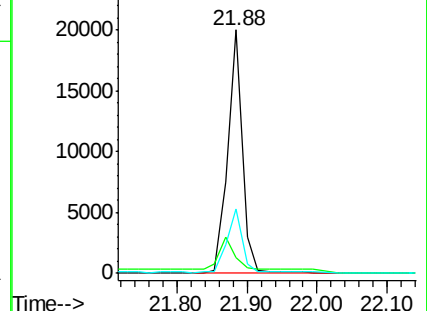
236 26.6 20.7 31.1



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: 0.392 ng

RT: 20.14 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

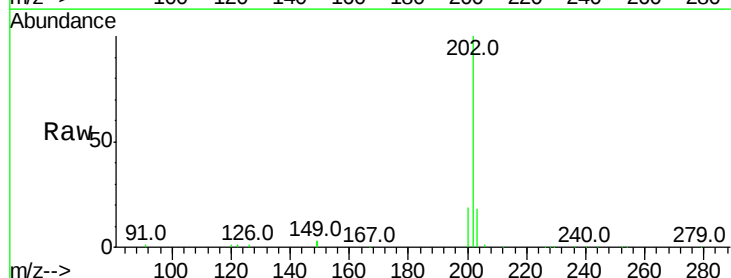
Tgt Ion:202 Resp: 42597

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

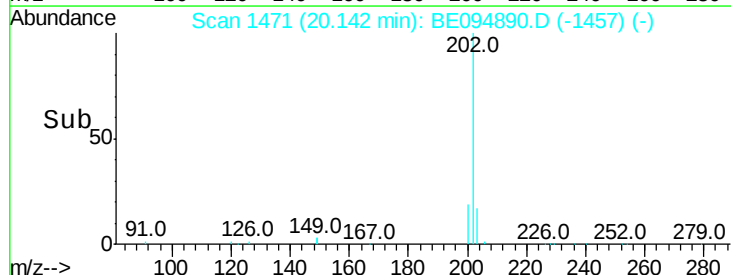
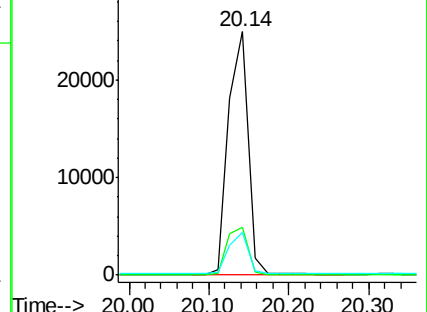
203 21.3 13.8 20.8#

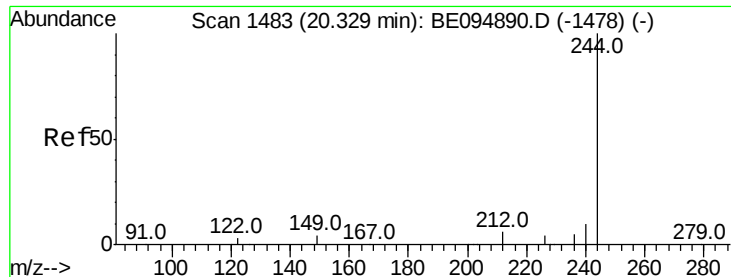


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

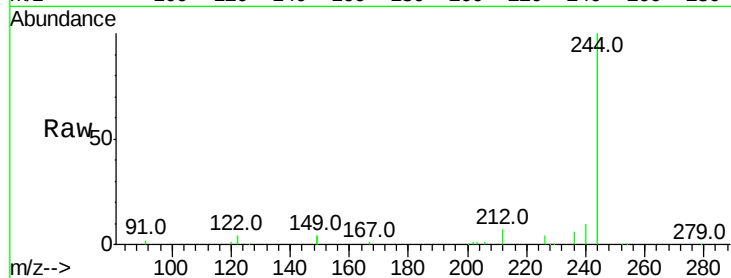
Tot Ion:244 Resp: 22698

Ion Ratio Lower Upper

244 100

212 6.9 25.4 38.0#

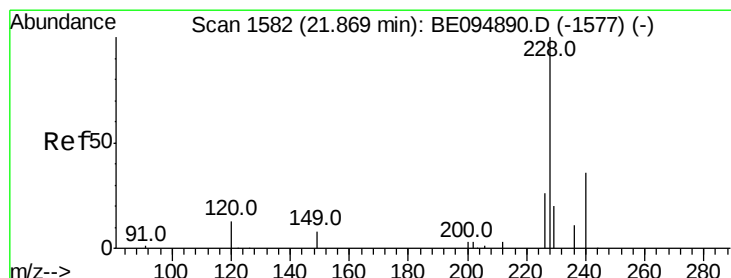
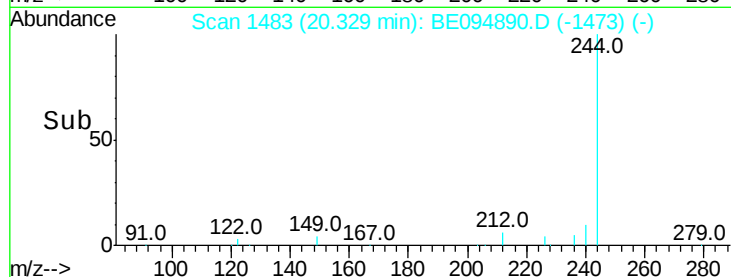
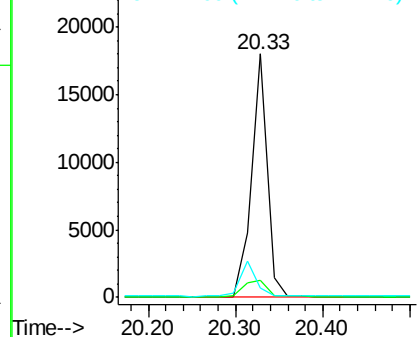
122 3.8 8.1 12.1#



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: 0.367 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

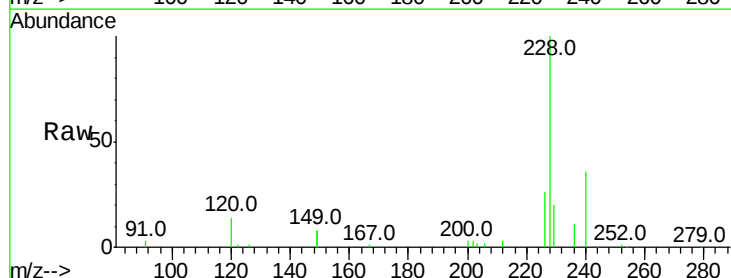
Tgt Ion:228 Resp: 37132

Ion Ratio Lower Upper

228 100

226 26.1 40.0 60.0#

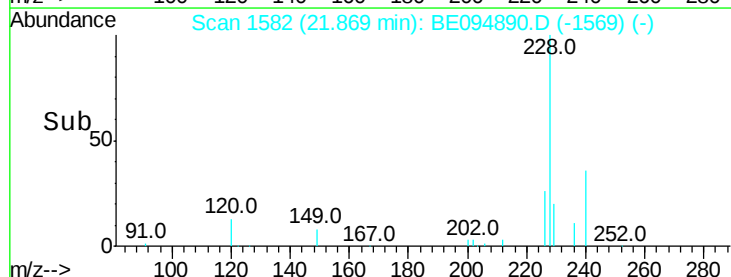
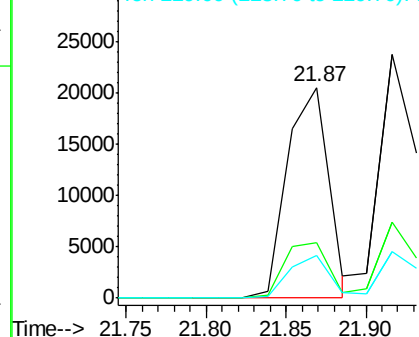
229 20.4 40.0 60.0#

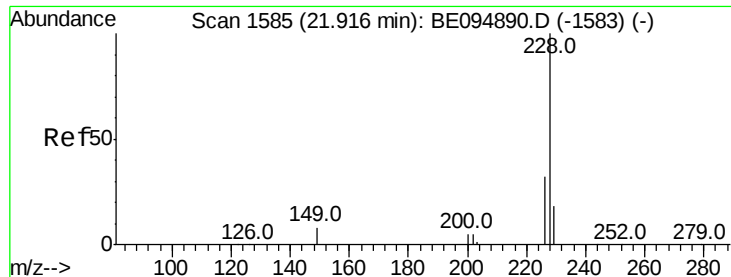


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

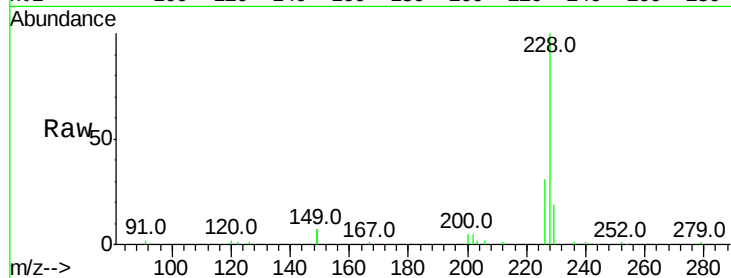
Tot Ion:228 Resp: 42079

Ion Ratio Lower Upper

228 100

226 31.3 40.0 60.0#

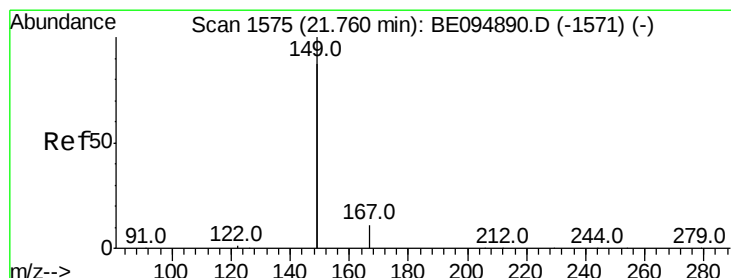
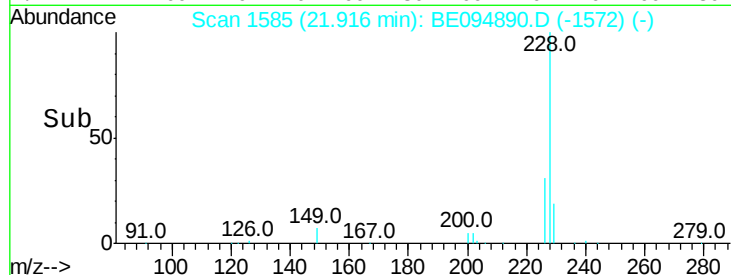
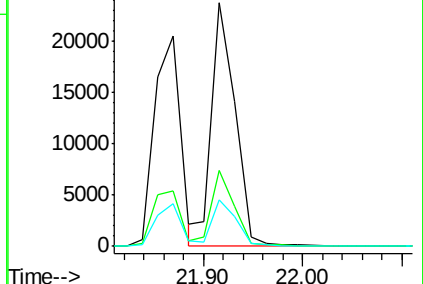
229 18.9 40.0 60.0#



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: 0.218 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

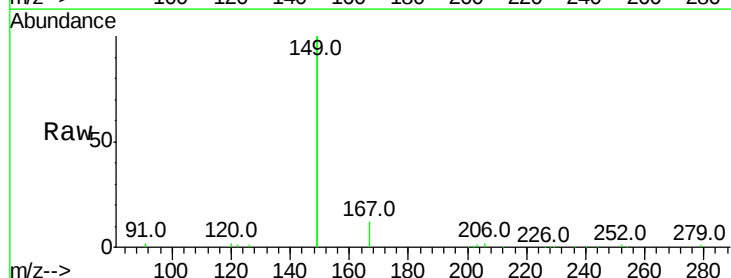
Tgt Ion:149 Resp: 54109

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

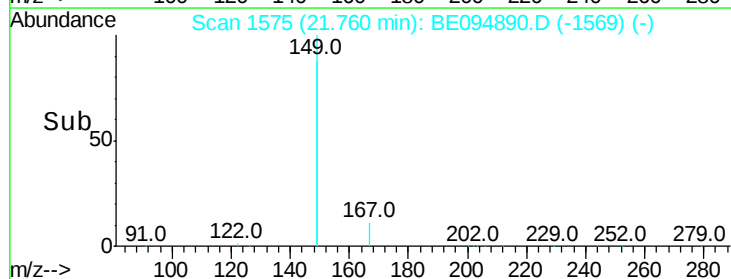
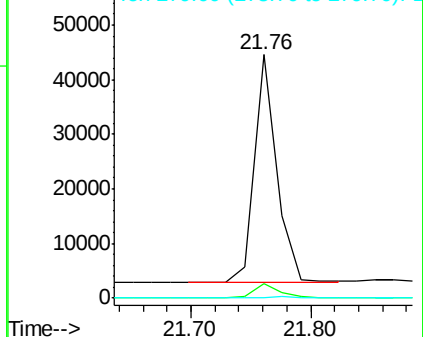
279 0.8 0.7 1.1

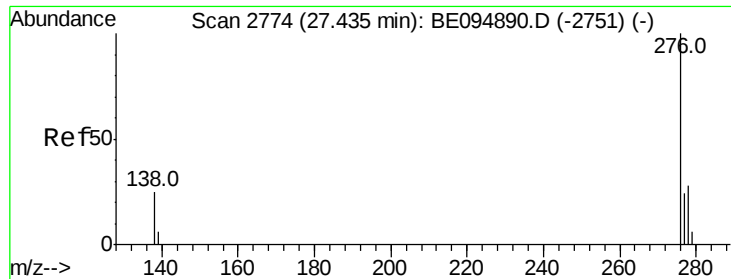


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.357 ng

RT: 27.44 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

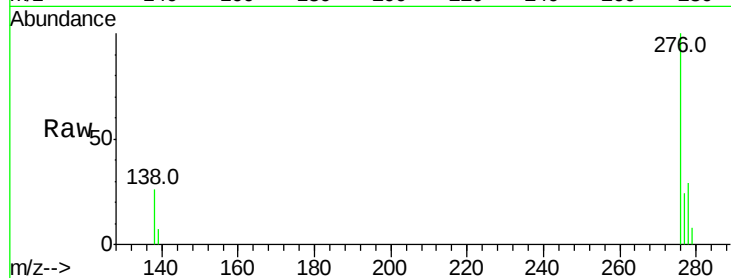
Tot Ion:276 Resp: 33881

Ion Ratio Lower Upper

276 100

138 28.7 22.5 33.7

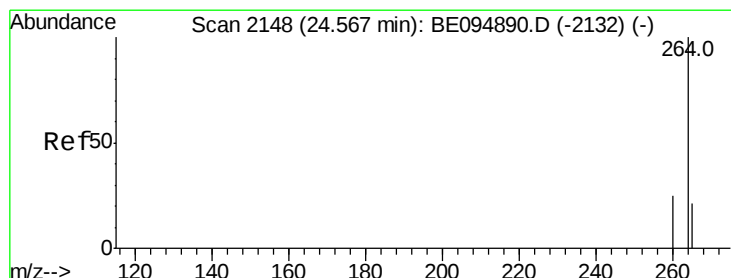
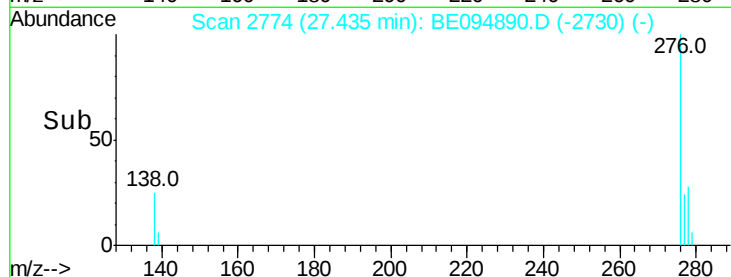
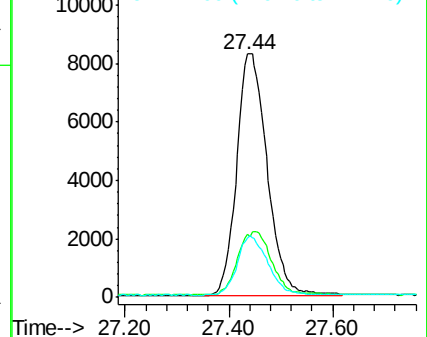
277 24.6 19.9 29.9



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: BE094890.D

Acq: 30 Nov 2017 13:49

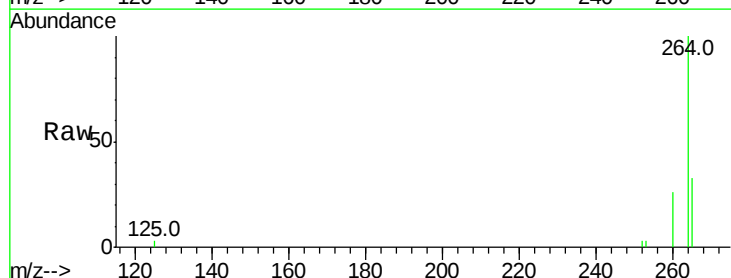
Tgt Ion:264 Resp: 24647

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

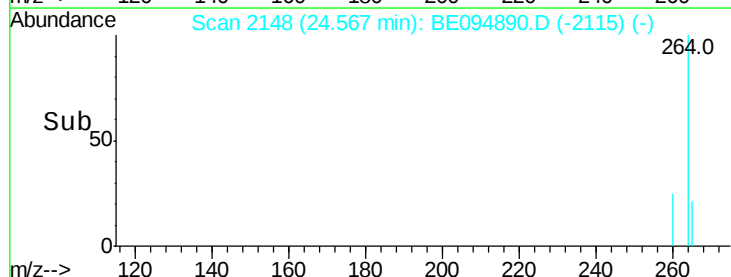
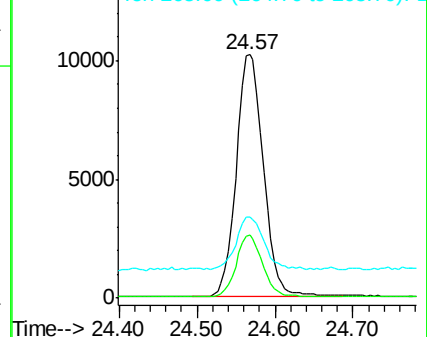
265 33.4 22.8 34.2

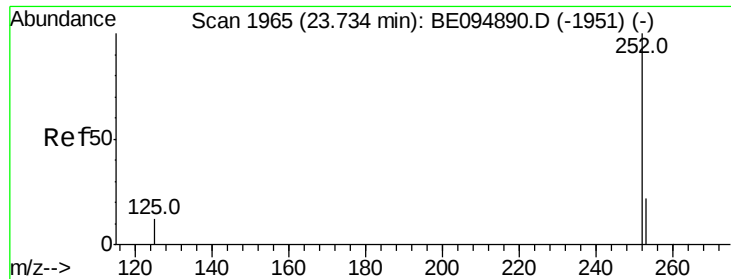


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

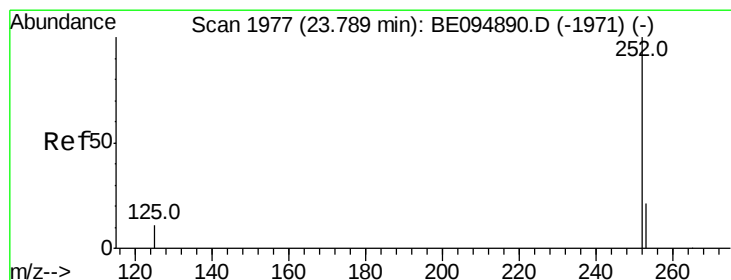
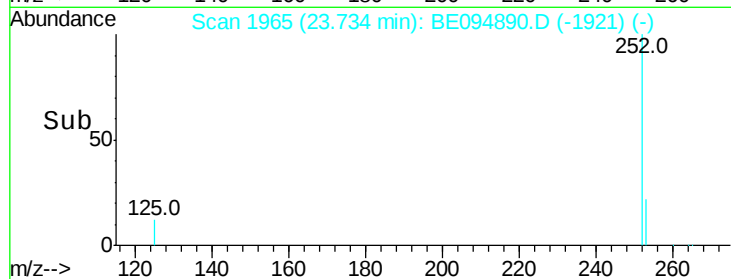
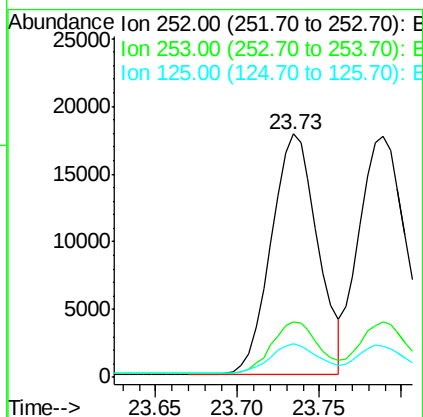
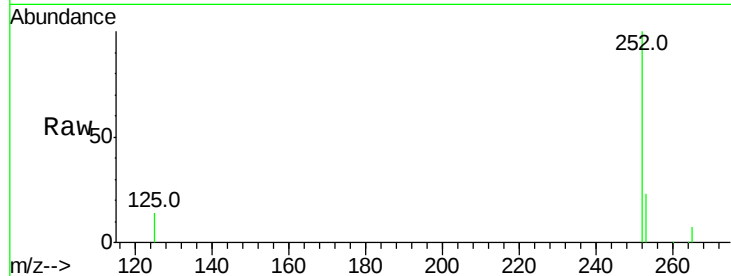




#35
Benzo(b)fluoranthene
Concen: 0.441 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

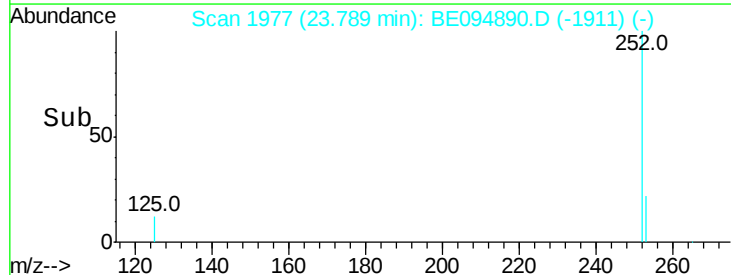
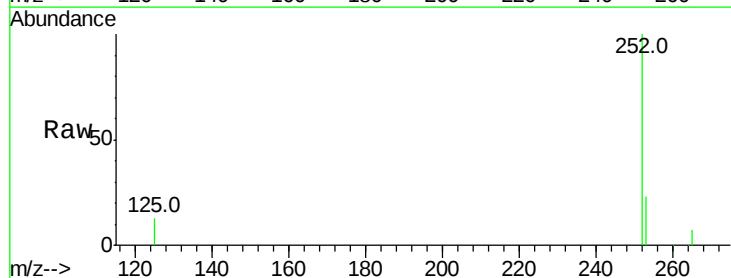
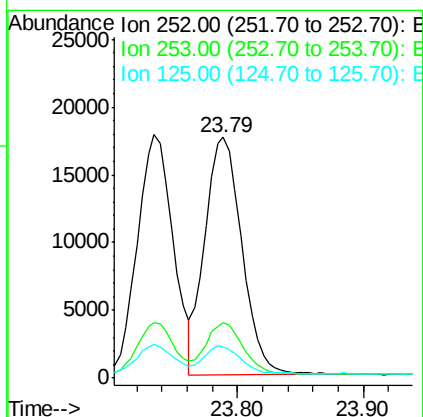
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

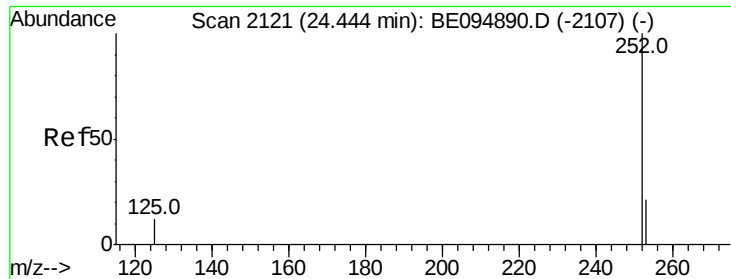
Tot Ion:252 Resp: 35124
Ion Ratio Lower Upper
252 100
253 22.9 48.0 72.0#
125 13.9 56.0 84.0#



#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:252 Resp: 35569
Ion Ratio Lower Upper
252 100
253 22.9 48.0 72.0#
125 13.2 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 24.44 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

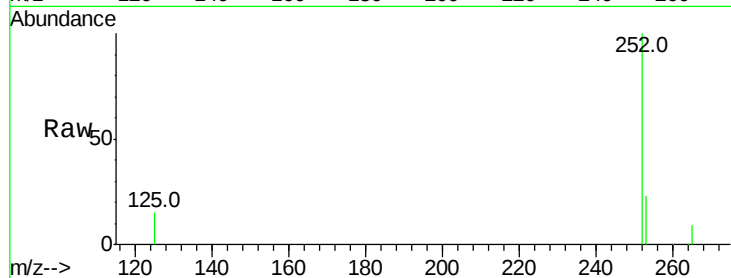
Tot Ion:252 Resp: 30594

Ion Ratio Lower Upper

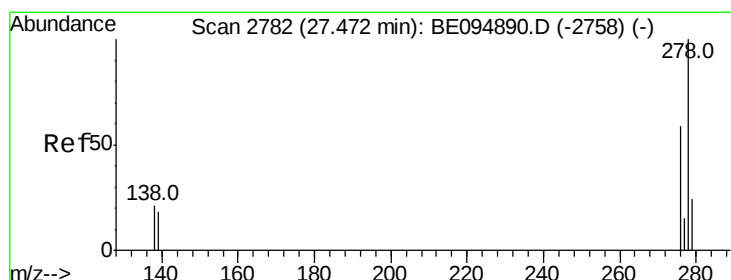
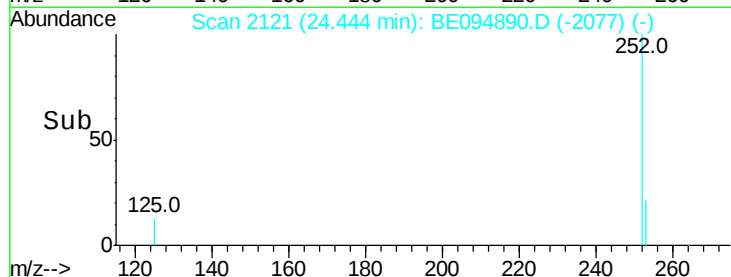
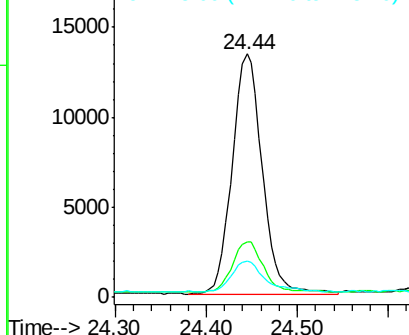
252 100

253 22.7 52.0 78.0#

125 14.7 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: 0.408 ng

RT: 27.47 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

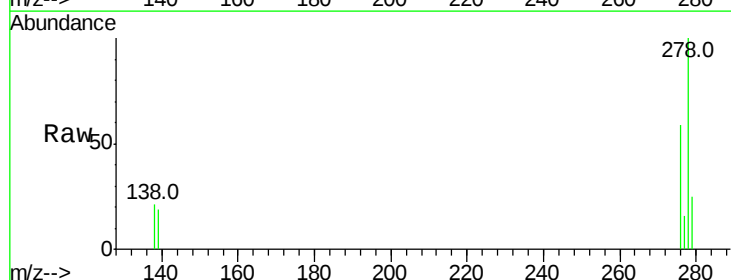
Tgt Ion:278 Resp: 28371

Ion Ratio Lower Upper

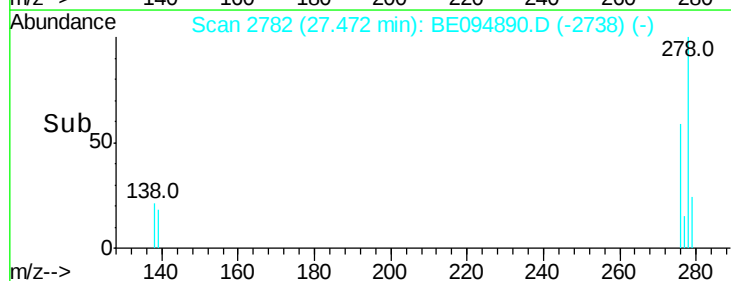
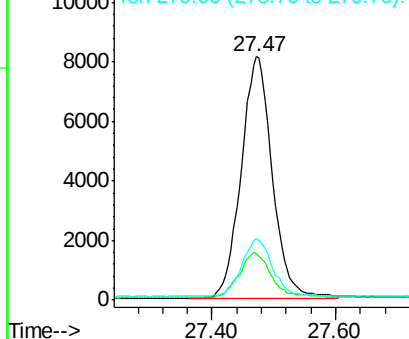
278 100

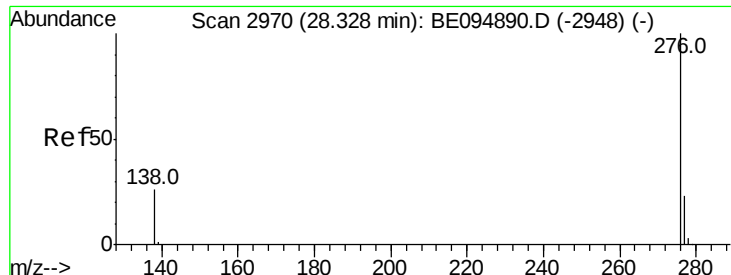
139 19.2 56.0 84.0#

279 25.3 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: 0.439 ng

RT: 28.33 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BE094890.D

Acq: 30 Nov 2017 13:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

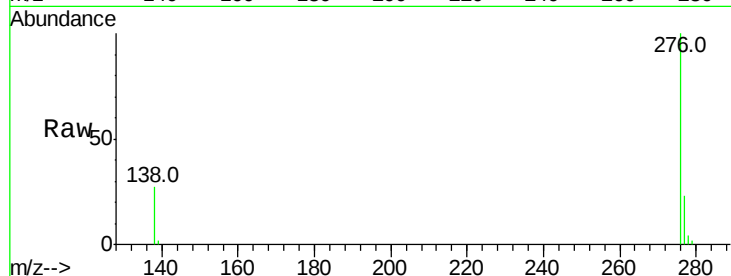
Tot Ion:276 Resp: 28521

Ion Ratio Lower Upper

276 100

277 23.4 52.0 78.0#

138 26.5 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

