

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094896.D
 Acq On : 1 Dec 2017 8:46
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 01 14:12:30 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	8.47	152	7669	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	17459	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9248	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	23139	0.40	ng	0.00
27) Chrysene-d12	21.88	240	28390	0.40	ng	0.00
34) Perylene-d12	24.56	264	22764	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	4396	0.36	ng	0.00
5) Phenol-d6	7.59	99	6801	0.38	ng	0.00
8) Nitrobenzene-d5	9.67	82	4283	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	10873	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	577	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	16362	0.41	ng	0.00
25) Fluoranthene-d10	19.75	212	124601	0.39	ng	0.00
29) Terphenyl-d14	20.33	244	20469	0.39	ng	0.00

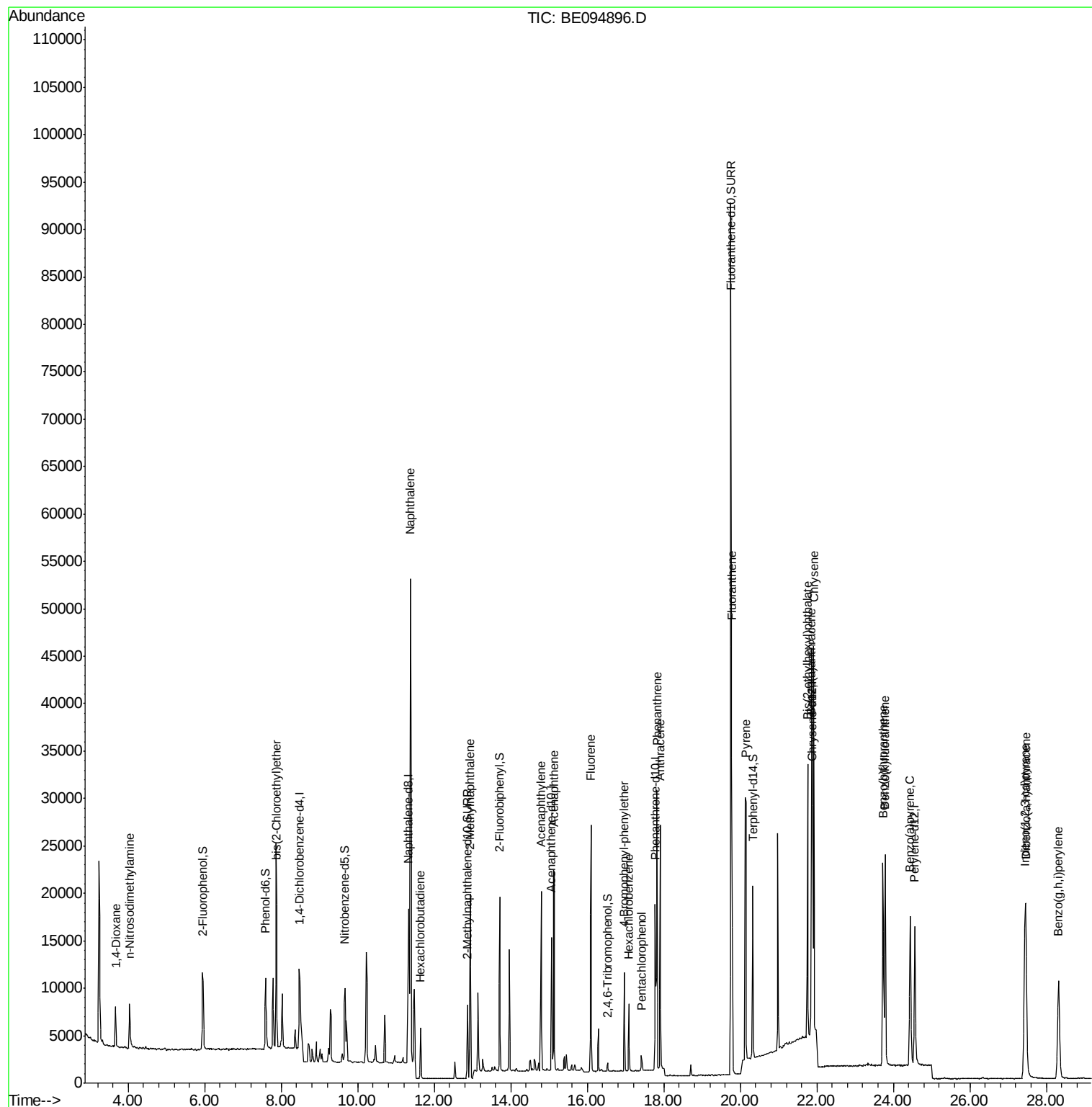
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.68	88	3199	0.399	ng	91
3) n-Nitrosodimethylamine	4.03	42	4261	0.417	ng	# 77
6) bis(2-Chloroethyl)ether	7.88	93	7352	0.412	ng	98
9) Naphthalene	11.38	128	81450	0.398	ng	99
10) Hexachlorobutadiene	11.64	225	3394	0.393	ng	98
12) 2-Methylnaphthalene	12.94	142	19654	0.386	ng	95
16) Acenaphthylene	14.79	152	20218	0.387	ng	100
17) Acenaphthene	15.13	154	13599	0.403	ng	97
18) Fluorene	16.10	166	17169	0.400	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	5067	0.393	ng	# 71
21) Hexachlorobenzene	17.09	284	5025	0.399	ng	# 80
22) Pentachlorophenol	17.41	266	883	0.345	ng	# 77
23) Phenanthrene	17.82	178	29205	0.396	ng	98
24) Anthracene	17.91	178	30252	0.387	ng	# 93
26) Fluoranthene	19.78	202	37795	0.399	ng	100
28) Pyrene	20.14	202	38067	0.388	ng	96
30) Benzo(a)anthracene	21.85	228	33682	0.387	ng	# 62
31) Chrysene	21.92	228	38895	0.404	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	33063	0.229	ng	100
33) Indeno(1,2,3-cd)pyrene	27.43	276	30555	0.388	ng	99
35) Benzo(b)fluoranthene	23.73	252	32430	0.390	ng	# 40
36) Benzo(k)fluoranthene	23.78	252	33291	0.393	ng	# 40
37) Benzo(a)pyrene	24.44	252	27782	0.381	ng	# 33
38) Dibenzo(a,h)anthracene	27.47	278	26010	0.386	ng	# 43
39) Benzo(g,h,i)perylene	28.32	276	25900	0.385	ng	# 54

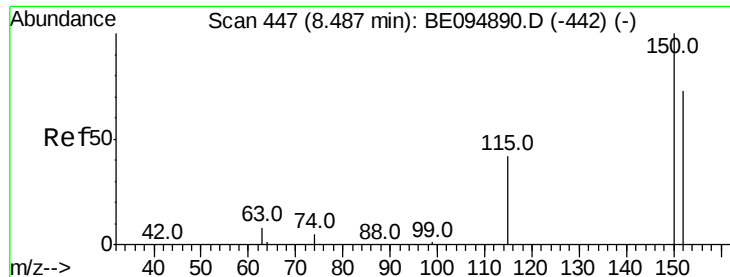
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120117\
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QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

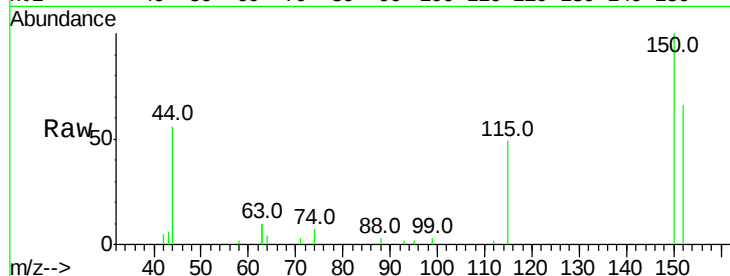
Tot Ion:152 Resp: 7669

Ion Ratio Lower Upper

152 100

150 152.1 117.2 175.8

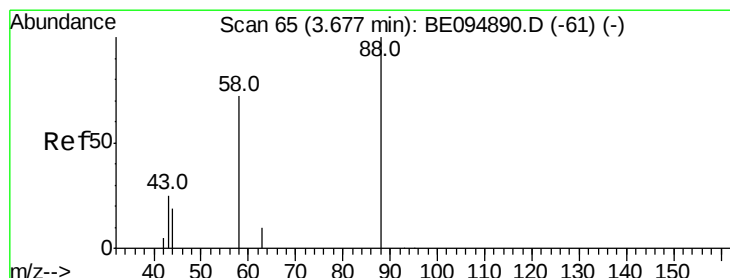
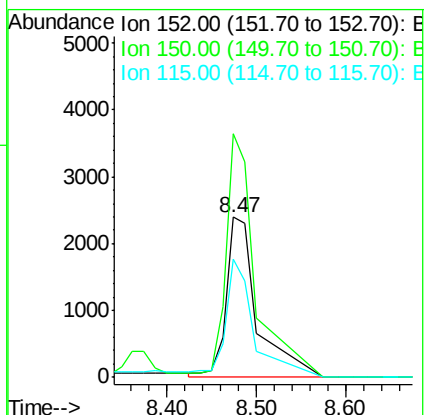
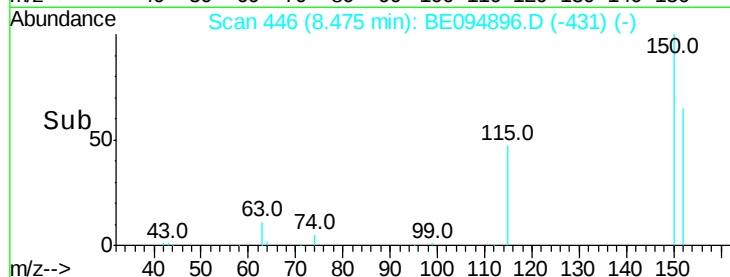
115 73.9 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.399 ng

RT: 3.68 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

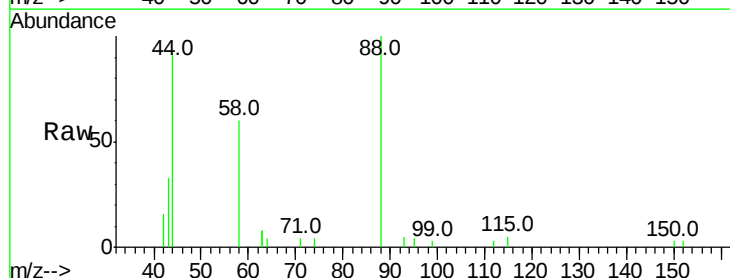
Tgt Ion: 88 Resp: 3199

Ion Ratio Lower Upper

88 100

58 85.5 63.2 94.8

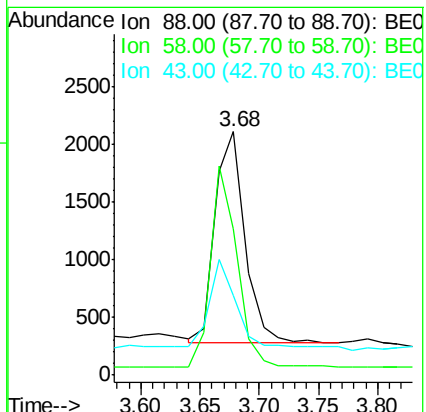
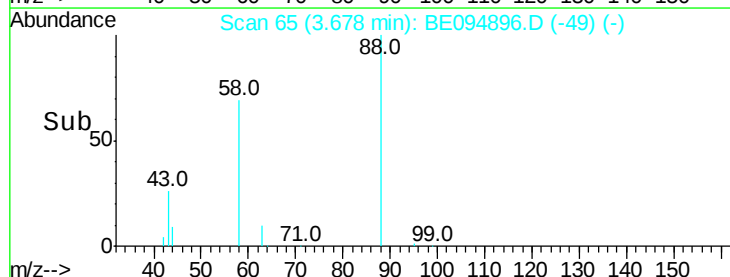
43 43.5 41.2 61.8

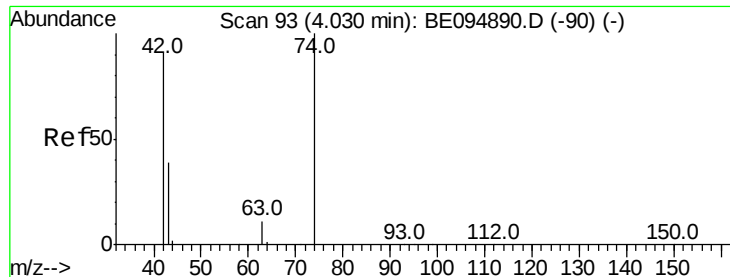


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.417 ng

RT: 4.03 min Scan# 93

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

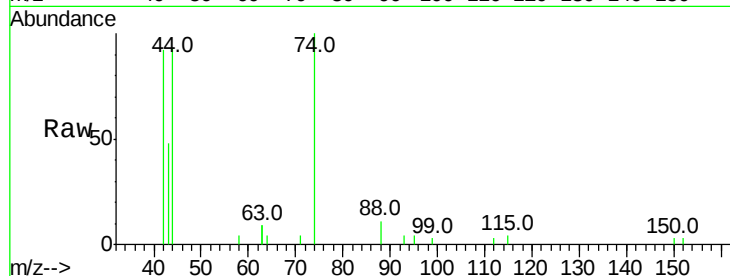
Tot Ion: 42 Resp: 4261

Ion Ratio Lower Upper

42 100

74 97.6 100.3 150.5#

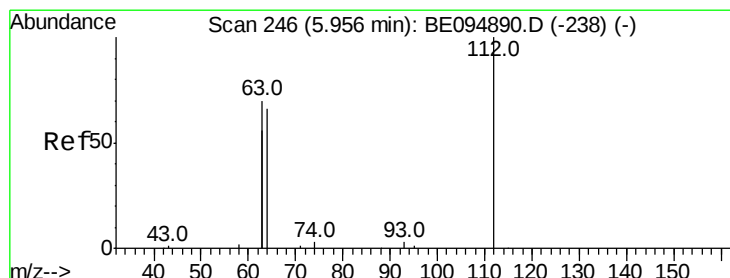
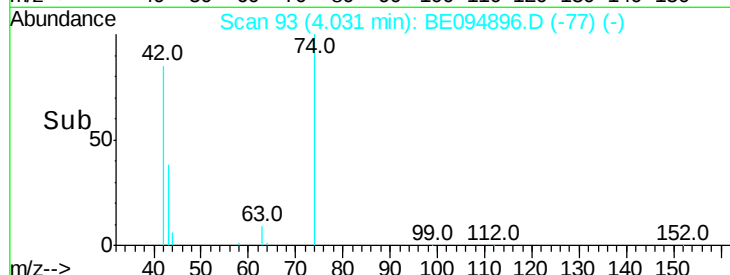
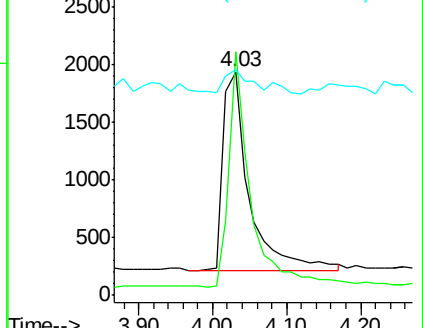
44 14.3 17.0 25.4#



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: 0.362 ng

RT: 5.96 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

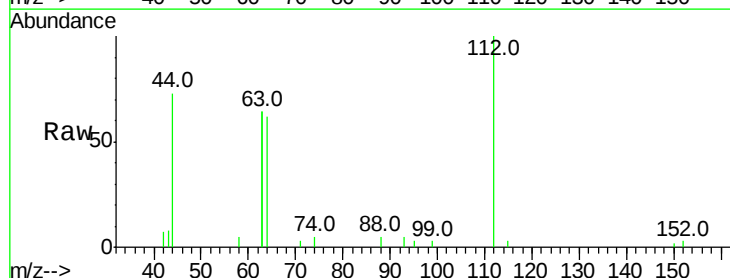
Tgt Ion: 112 Resp: 4396

Ion Ratio Lower Upper

112 100

64 81.0 60.1 90.1

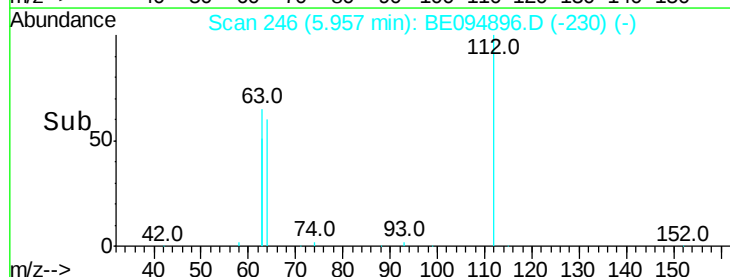
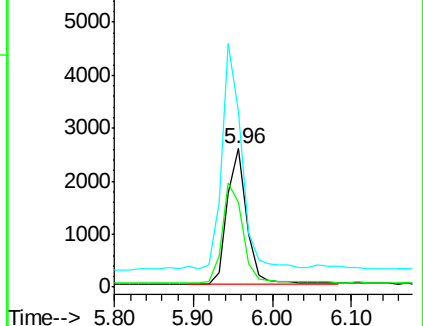
63 167.0 116.8 175.2

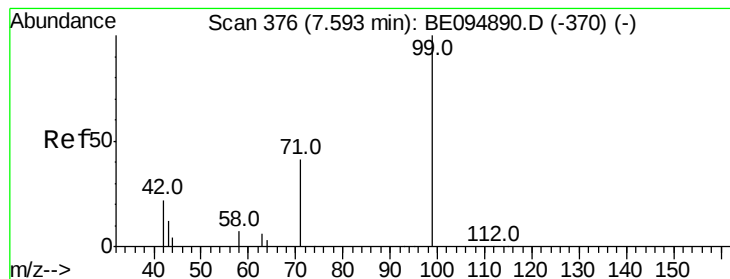


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.378 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

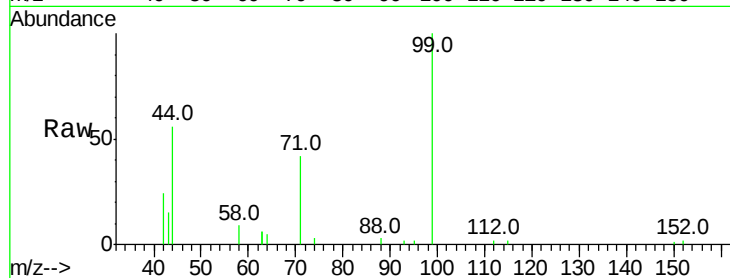
Tot Ion: 99 Resp: 6801

Ion Ratio Lower Upper

99 100

42 26.9 20.2 30.2

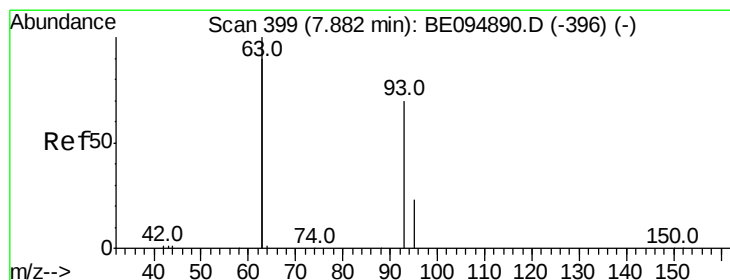
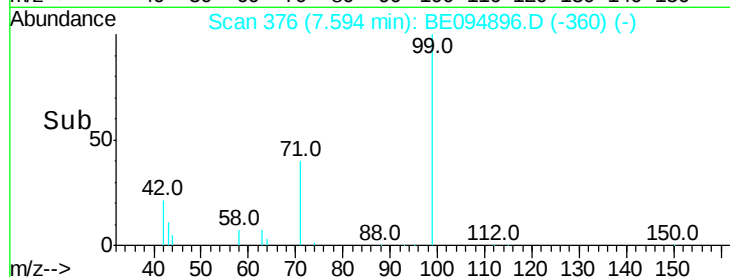
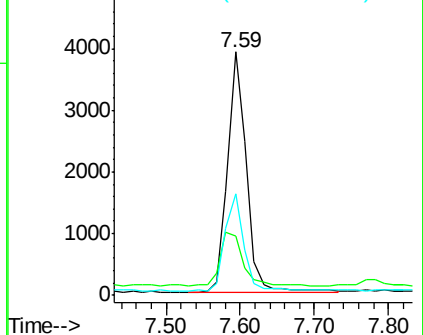
71 40.7 28.4 42.6



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: 0.412 ng

RT: 7.88 min Scan# 399

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

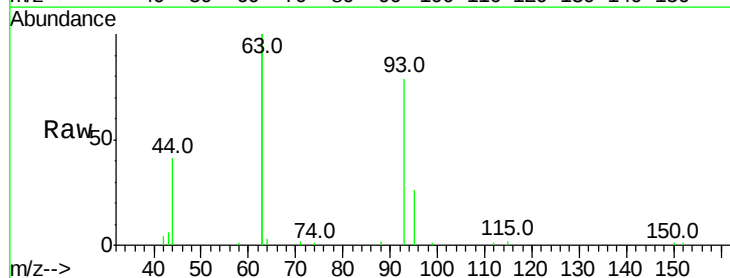
Tgt Ion: 93 Resp: 7352

Ion Ratio Lower Upper

93 100

63 348.0 275.3 412.9

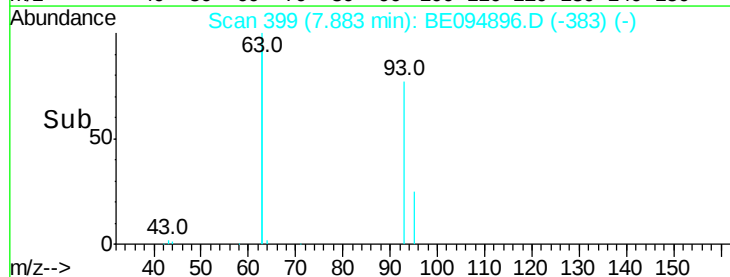
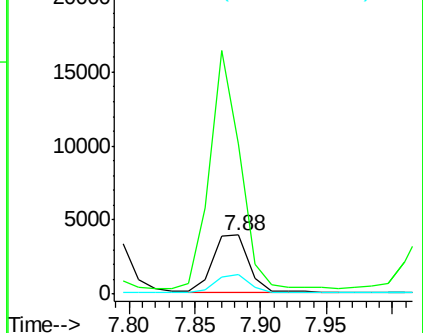
95 31.0 25.2 37.8

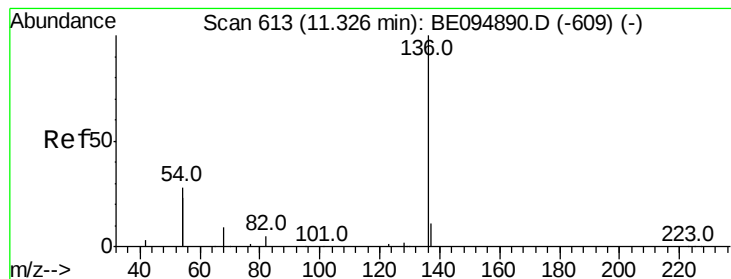


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 17459

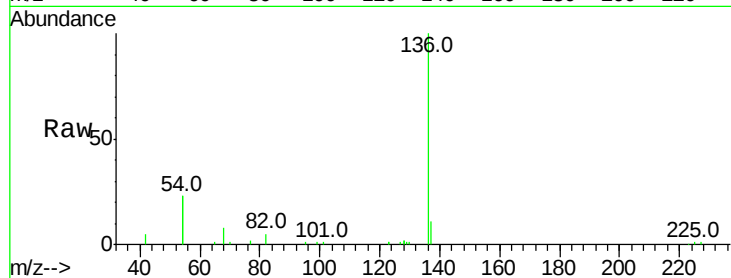
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 45.7 29.1 43.7#

68 8.4 6.2 9.2

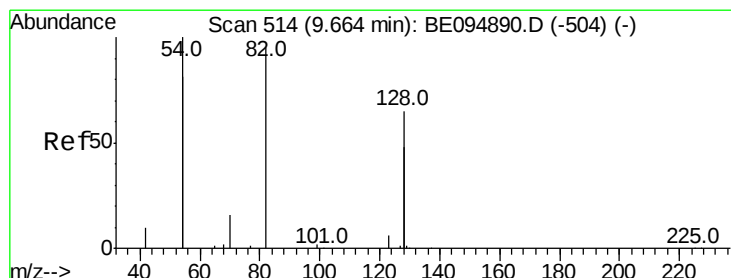
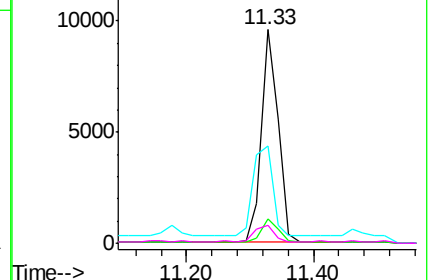
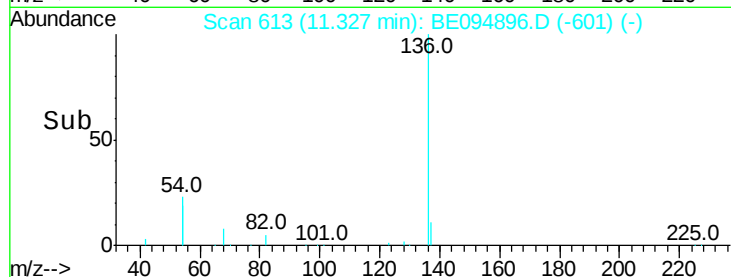


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.414 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

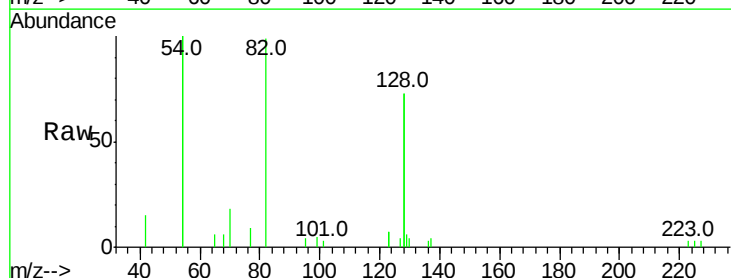
Tgt Ion: 82 Resp: 4283

Ion Ratio Lower Upper

82 100

128 148.0 150.0 225.0#

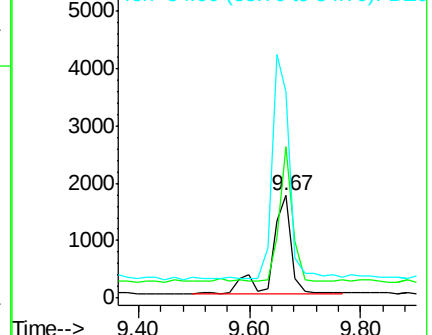
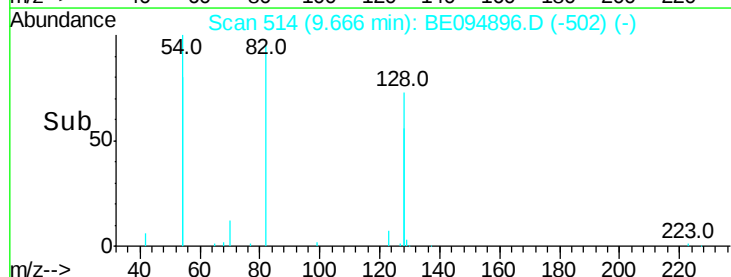
54 201.5 154.2 231.4

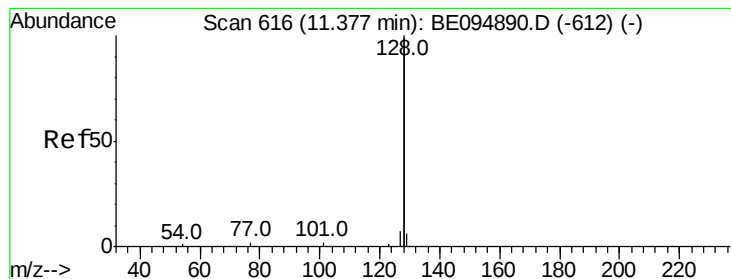


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.398 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

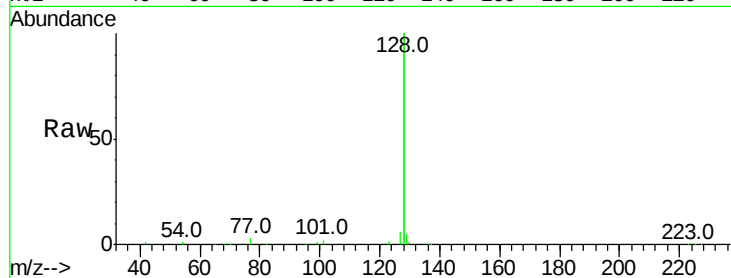
Tot Ion:128 Resp: 81450

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

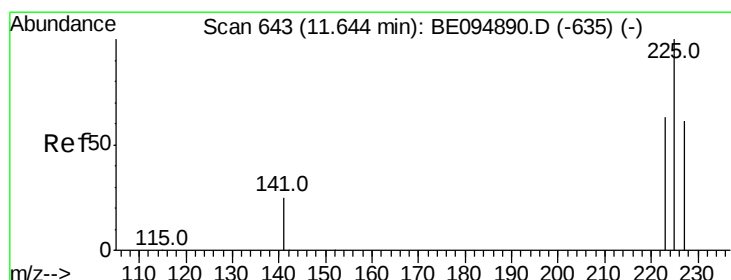
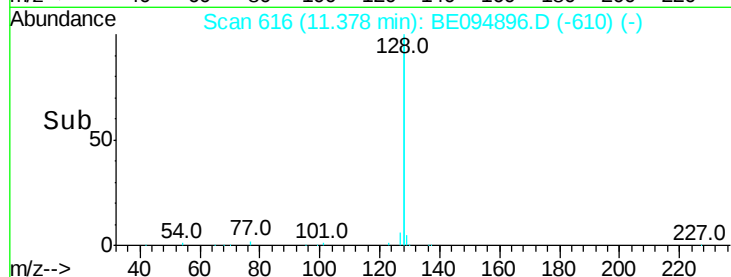
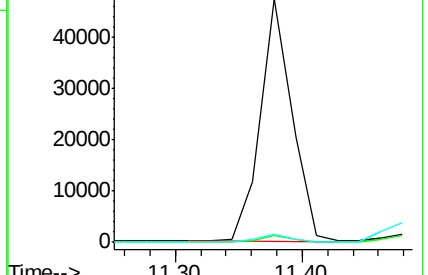
127 3.2 2.8 4.2



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: 0.393 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

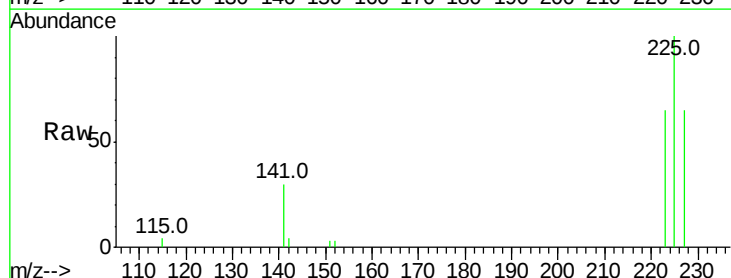
Tgt Ion:225 Resp: 3394

Ion Ratio Lower Upper

225 100

223 63.7 53.0 79.6

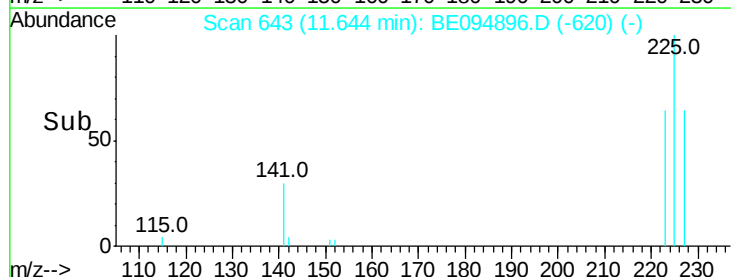
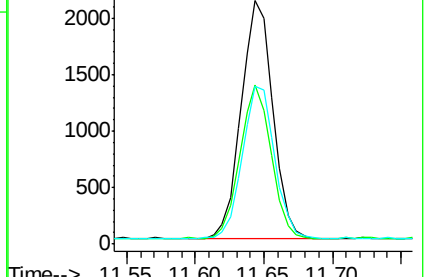
227 65.3 51.4 77.2

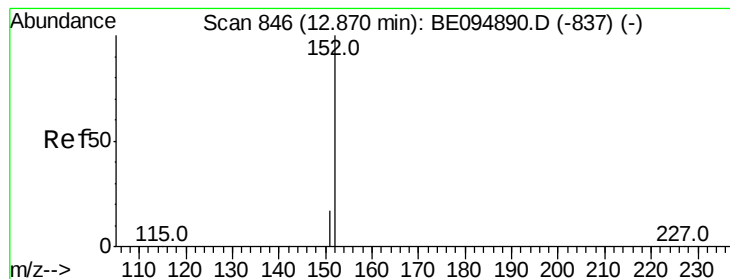


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

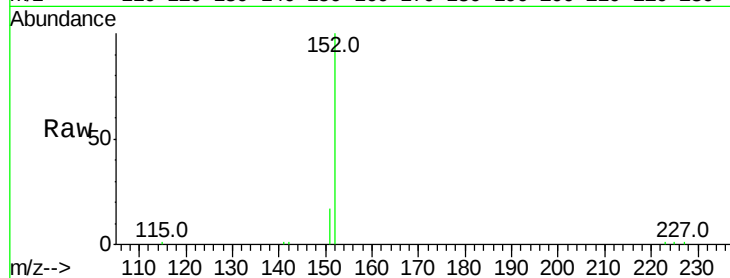
SSTDCCC0.4

Tot Ion:152 Resp: 10873

Ion Ratio Lower Upper

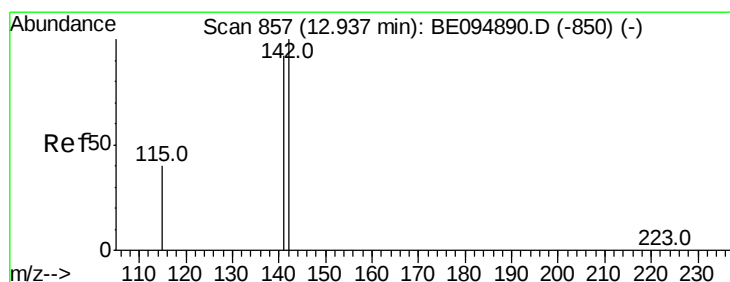
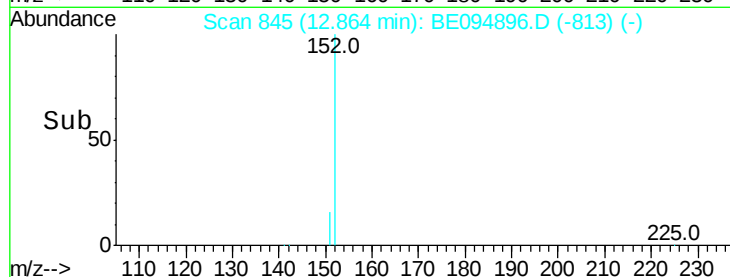
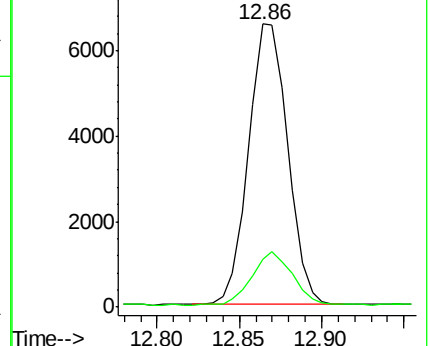
152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 12.94 min Scan# 857

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

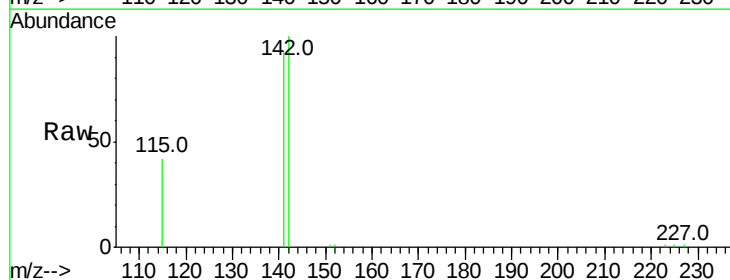
Tgt Ion:142 Resp: 19654

Ion Ratio Lower Upper

142 100

141 93.3 70.4 105.6

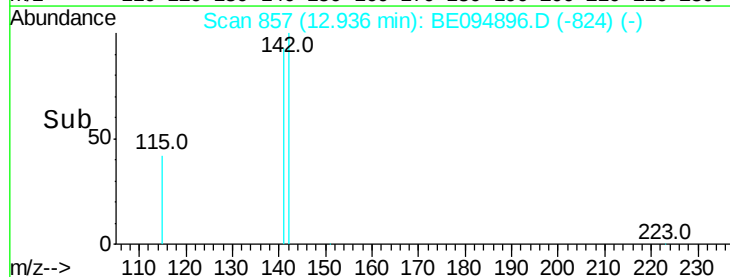
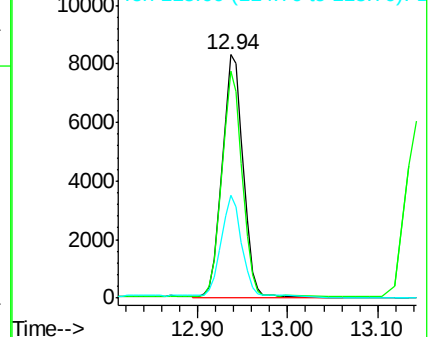
115 42.4 31.7 47.5

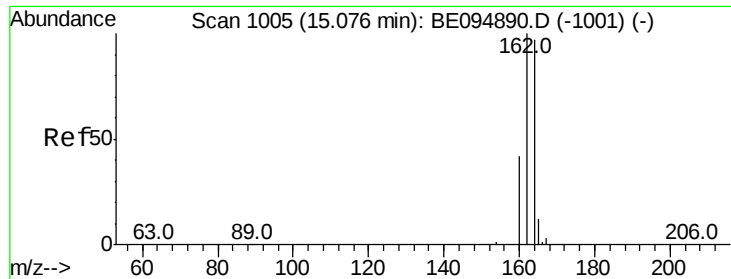


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

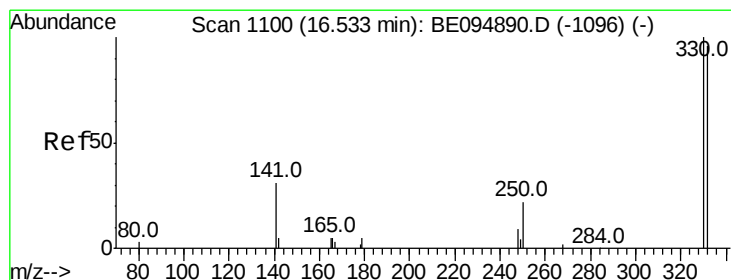
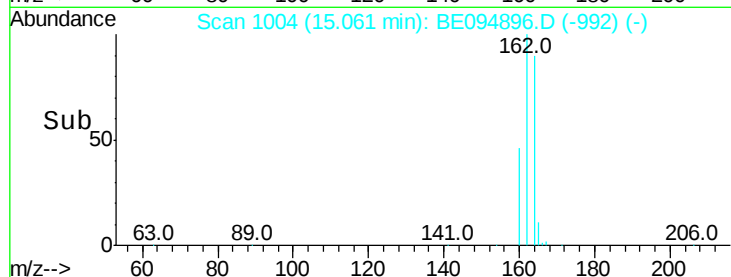
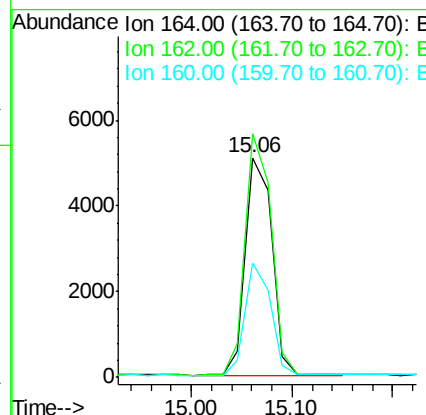
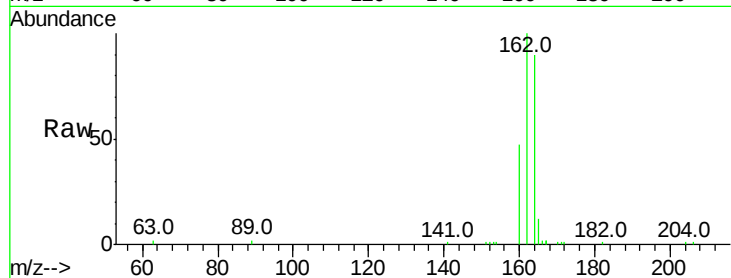




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BE094896.D
 Acq: 1 Dec 2017 8:46

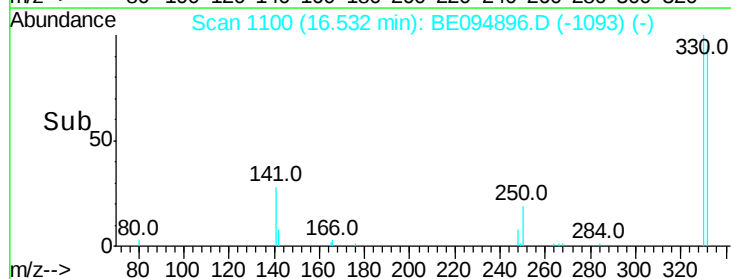
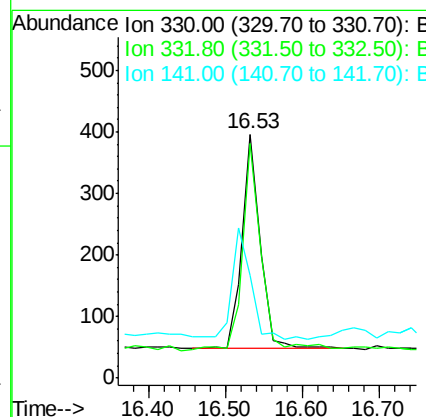
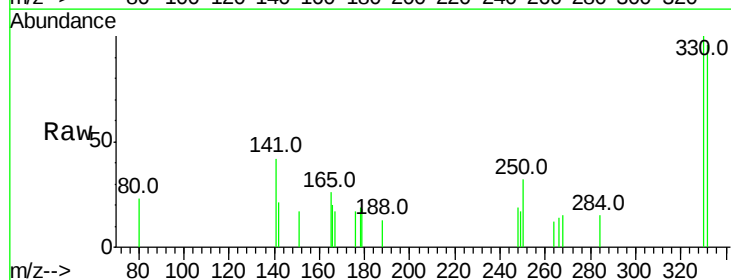
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

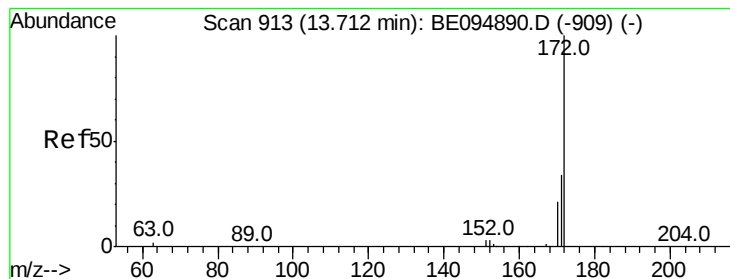
Tot Ion:164 Resp: 9248
 Ion Ratio Lower Upper
 164 100
 162 110.8 83.1 124.7
 160 52.1 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.337 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094896.D
 Acq: 1 Dec 2017 8:46

Tgt Ion:330 Resp: 577
 Ion Ratio Lower Upper
 330 100
 332 97.6 152.7 229.1#
 141 53.9 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.413 ng

RT: 13.71 min Scan# 913

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

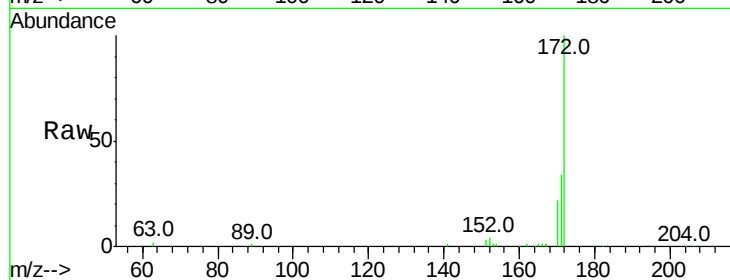
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:172 Resp: 16362

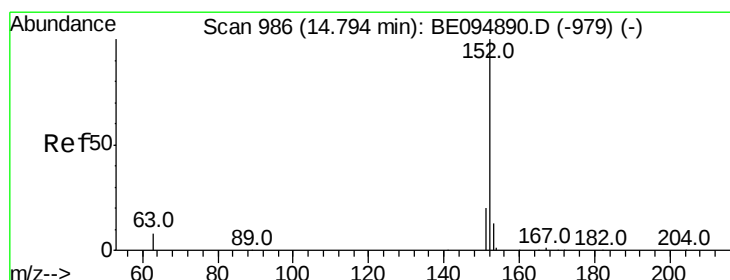
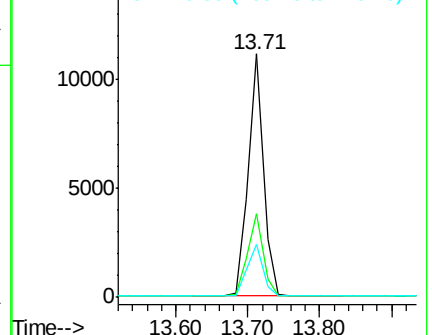
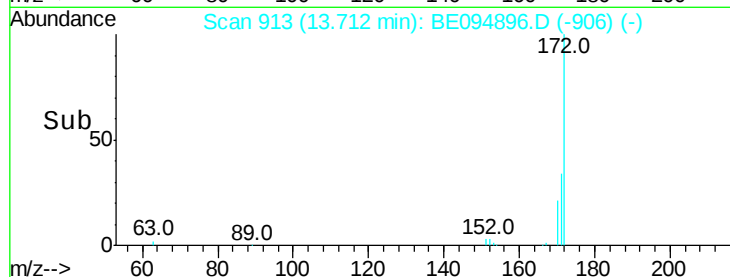
Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	21.9	21.8	32.8



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: 0.387 ng

RT: 14.79 min Scan# 986

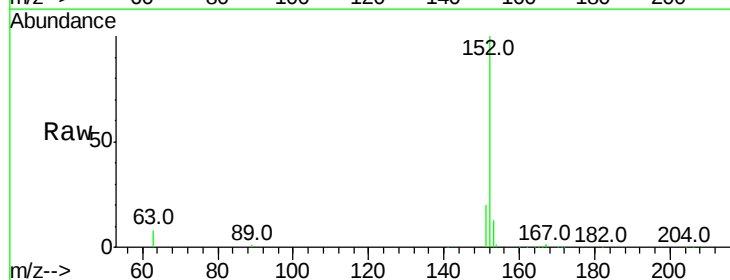
Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Tgt Ion:152 Resp: 20218

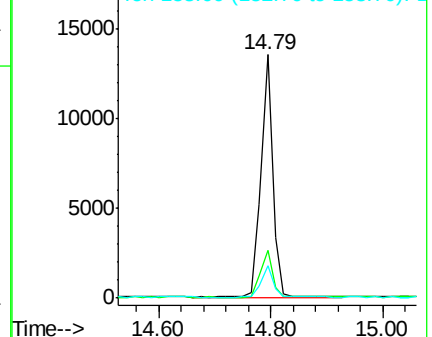
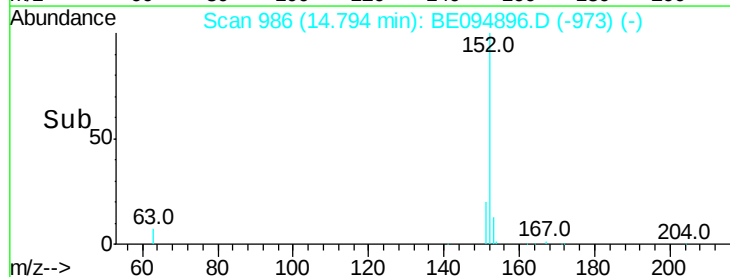
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7

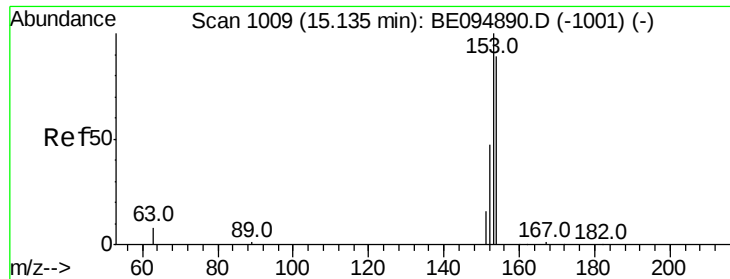


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.403 ng

RT: 15.13 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

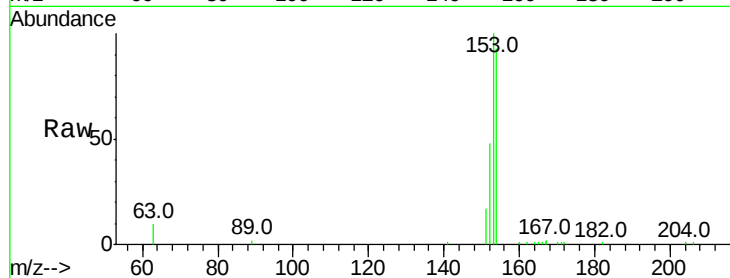
Tot Ion:154 Resp: 13599

Ion Ratio Lower Upper

154 100

153 112.9 89.2 133.8

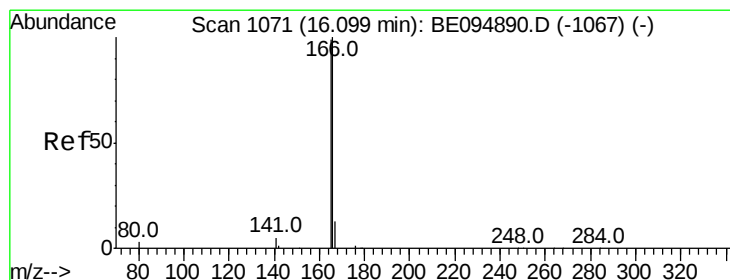
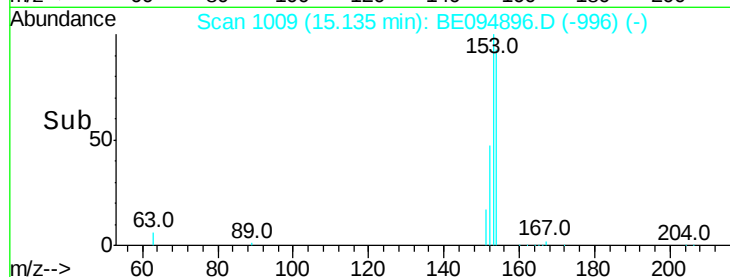
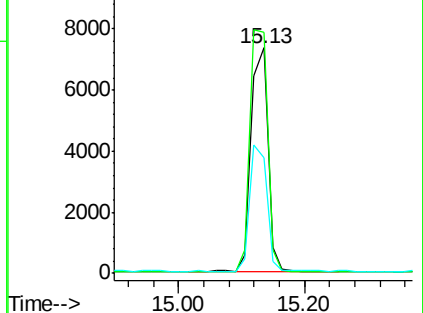
152 57.2 42.0 63.0



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: 0.400 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

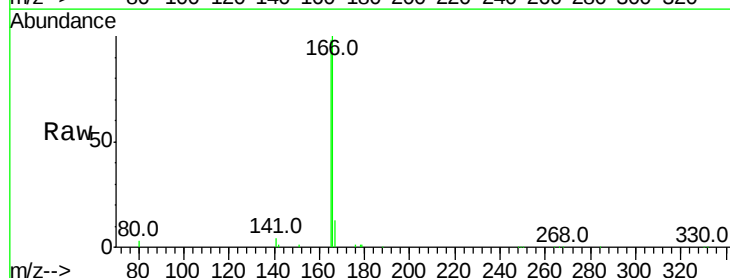
Tgt Ion:166 Resp: 17169

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

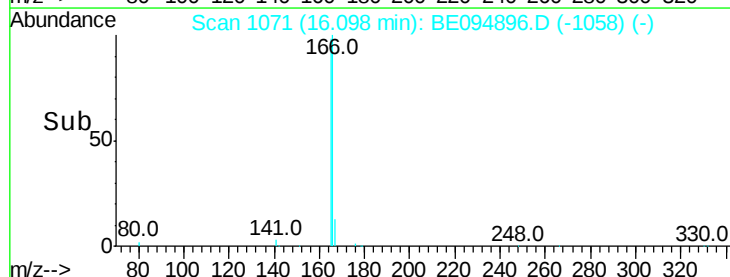
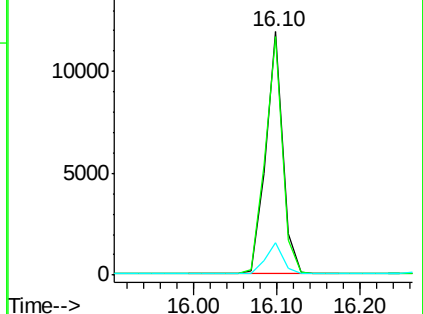
167 13.3 42.4 63.6#

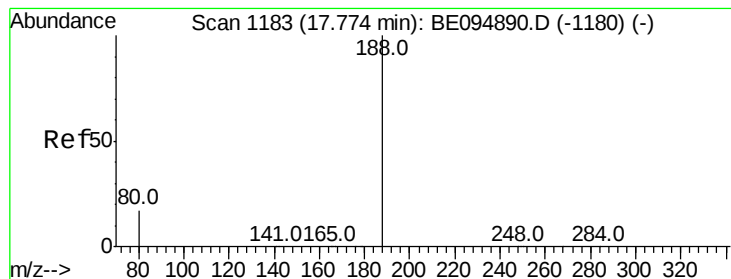


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

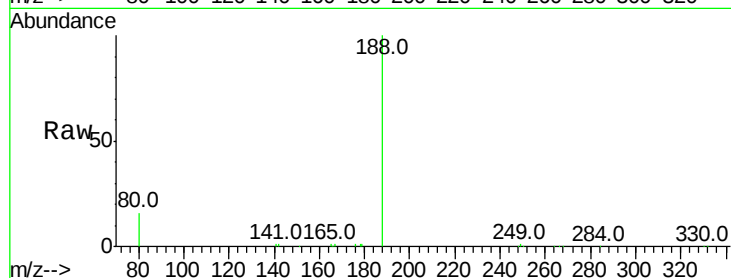
Tot Ion:188 Resp: 23139

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

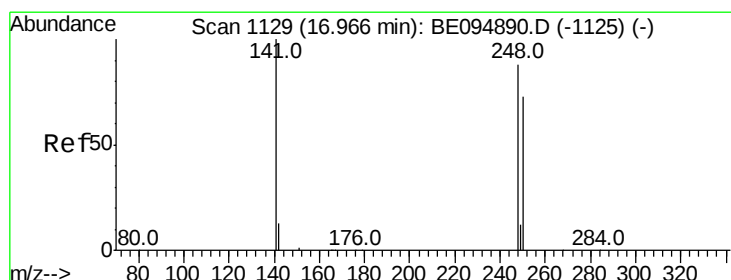
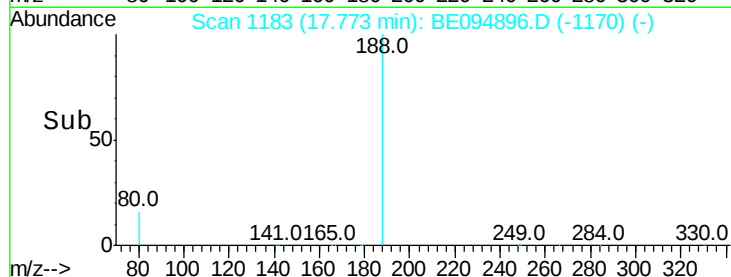
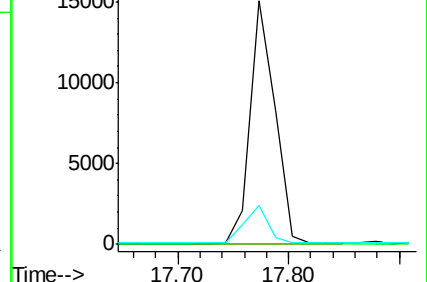
80 16.1 3.6 5.4#



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: 0.393 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

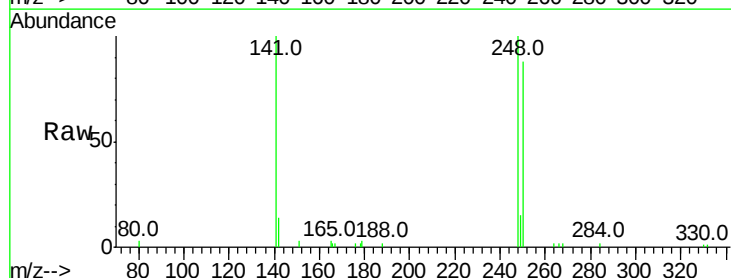
Tgt Ion:248 Resp: 5067

Ion Ratio Lower Upper

248 100

250 88.0 62.7 94.1

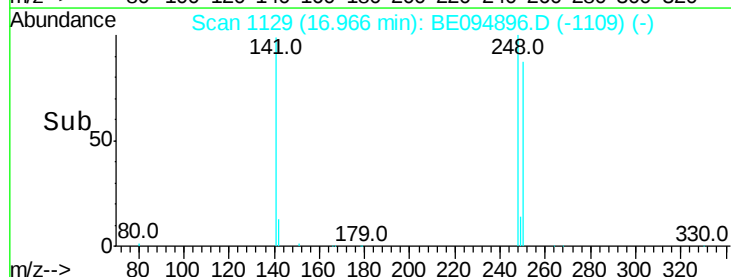
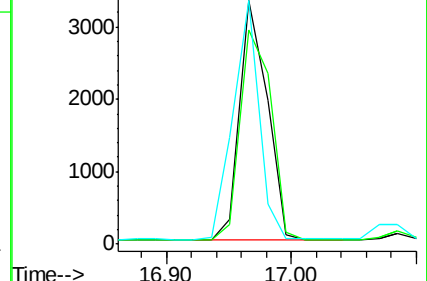
141 100.1 48.2 72.2#

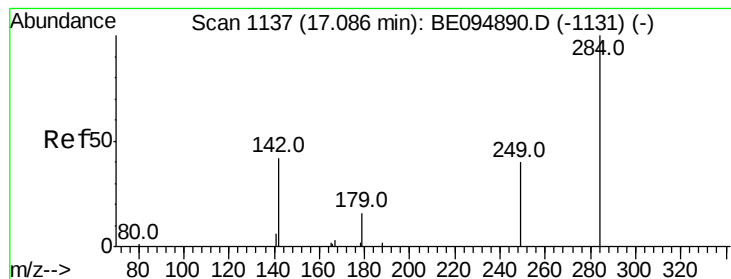


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

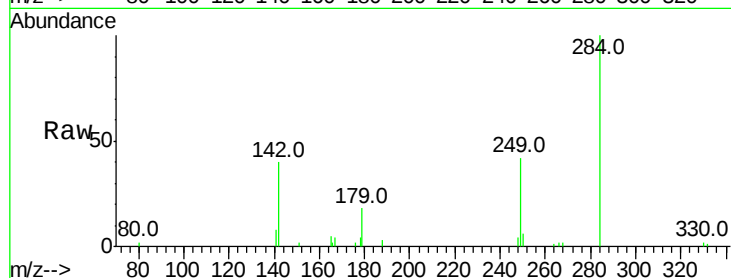
Tot Ion:284 Resp: 5025

Ion Ratio Lower Upper

284 100

142 46.9 22.1 33.1#

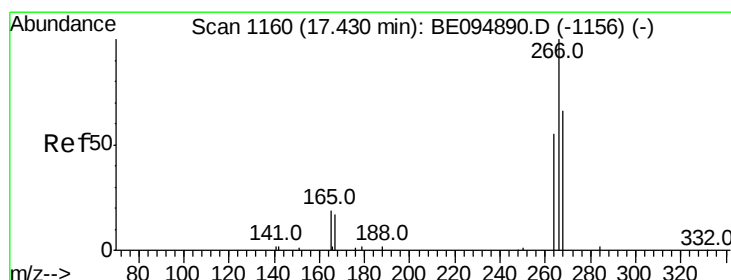
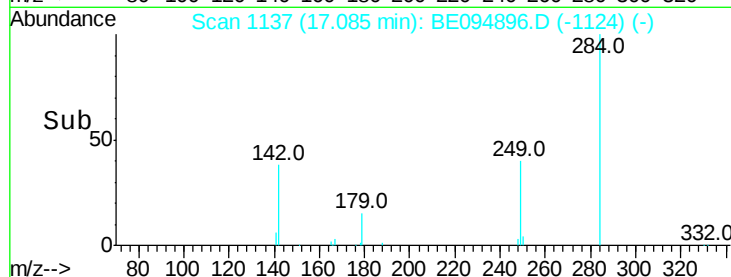
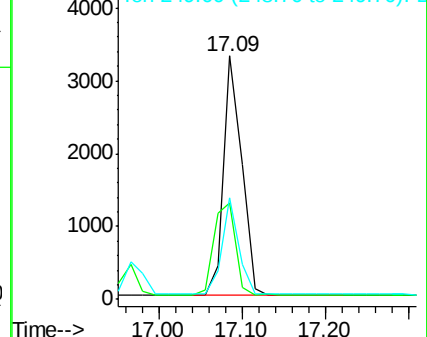
249 37.3 34.8 52.2



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: 0.345 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

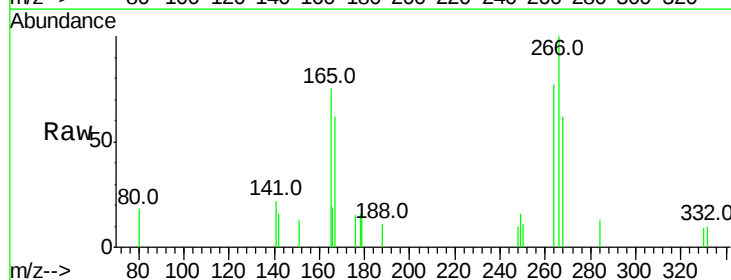
Tgt Ion:266 Resp: 883

Ion Ratio Lower Upper

266 100

264 76.8 72.5 108.7

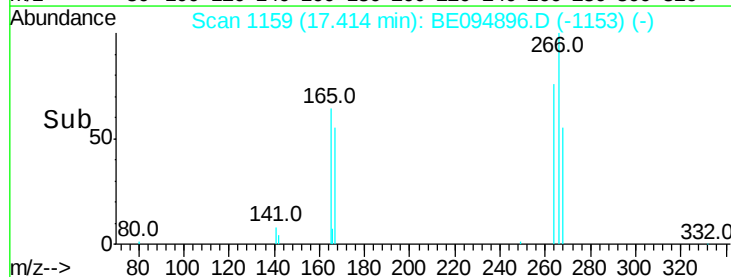
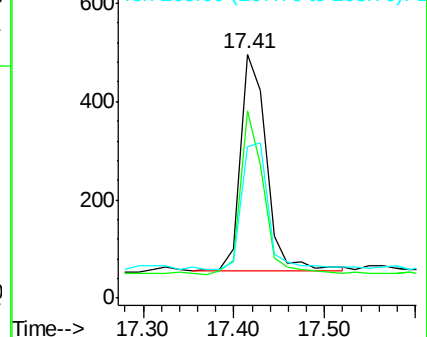
268 61.9 73.8 110.6#

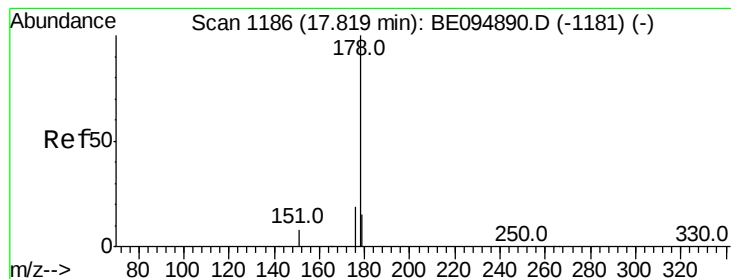


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

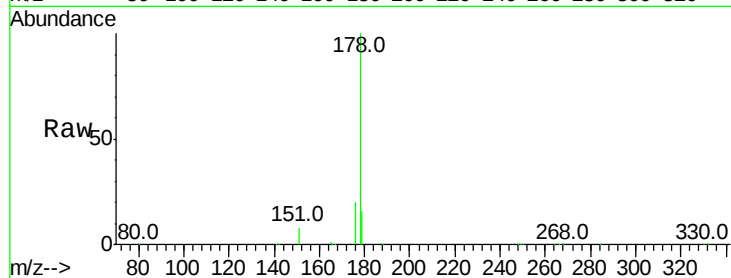
Tot Ion:178 Resp: 29205

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

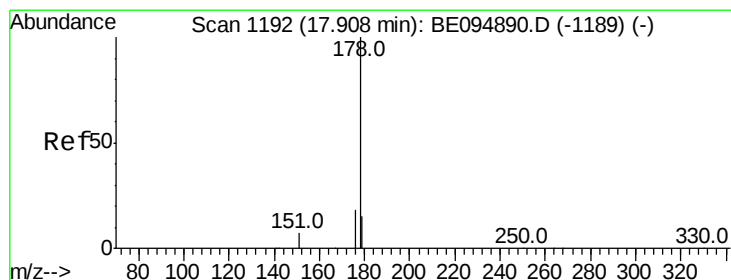
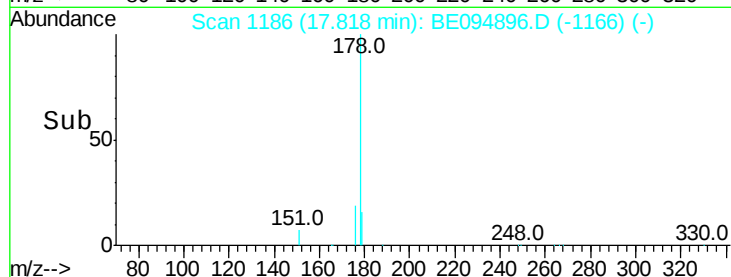
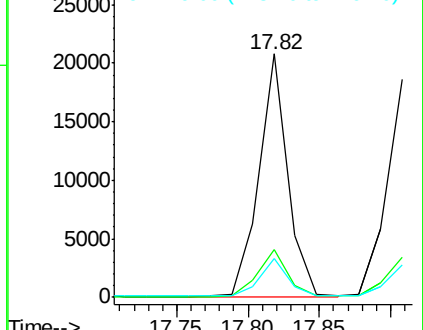
179 15.6 11.8 17.6



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: 0.387 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

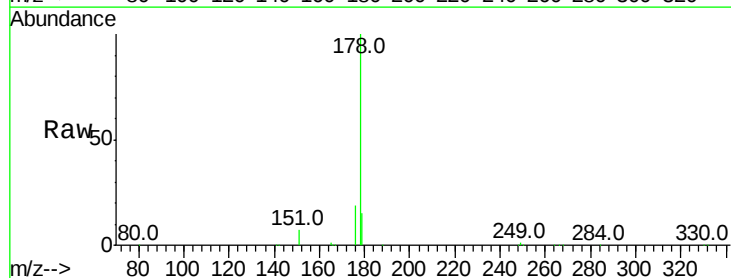
Tgt Ion:178 Resp: 30252

Ion Ratio Lower Upper

178 100

176 20.6 12.8 19.2#

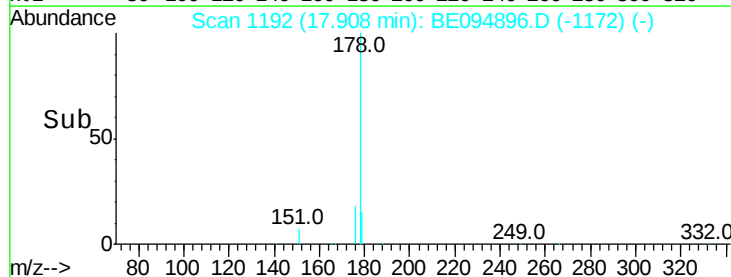
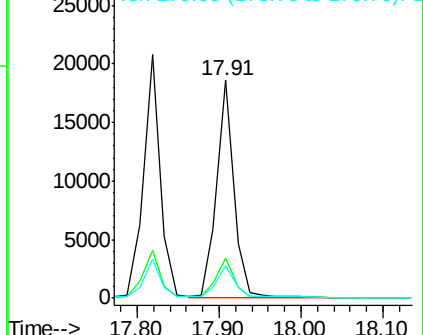
179 17.8 13.0 19.6

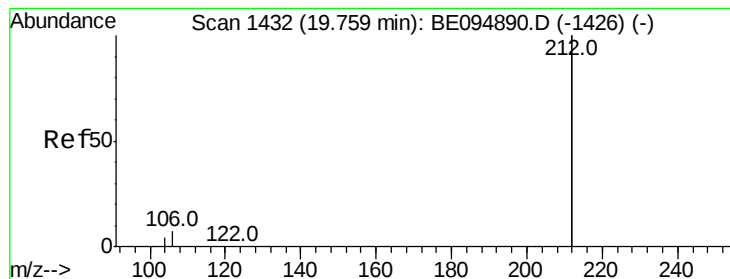


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

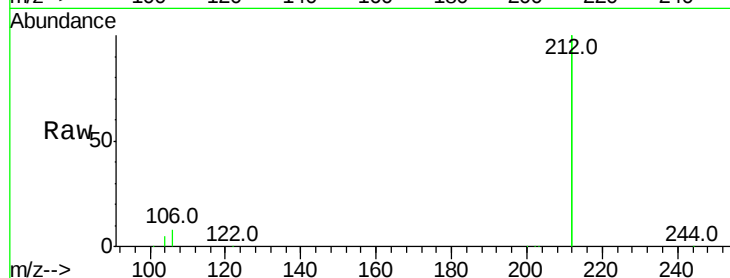
Tot Ion:212 Resp: 124601

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

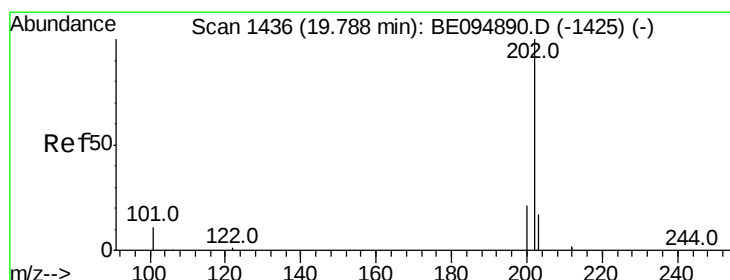
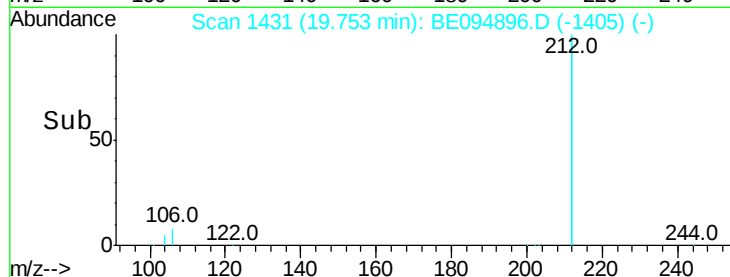
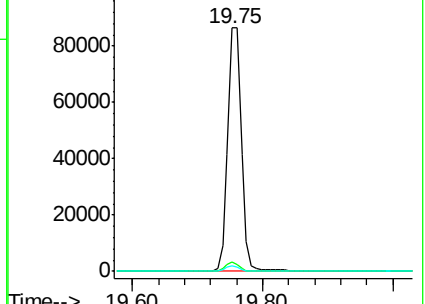
104 2.1 1.6 2.4



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: 0.399 ng

RT: 19.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

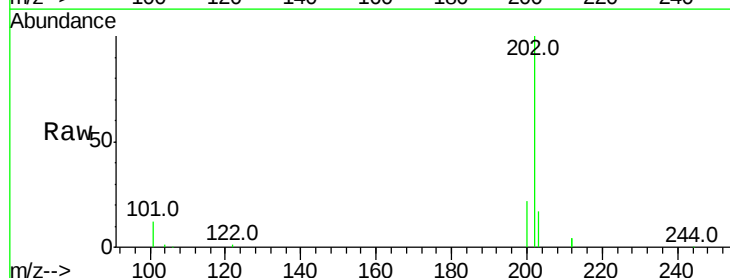
Tgt Ion:202 Resp: 37795

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

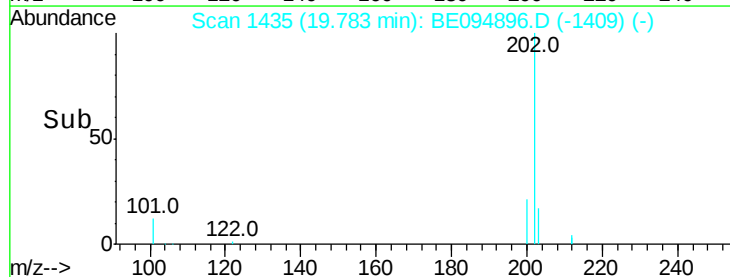
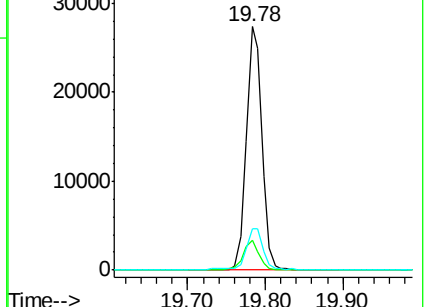
203 17.1 13.7 20.5

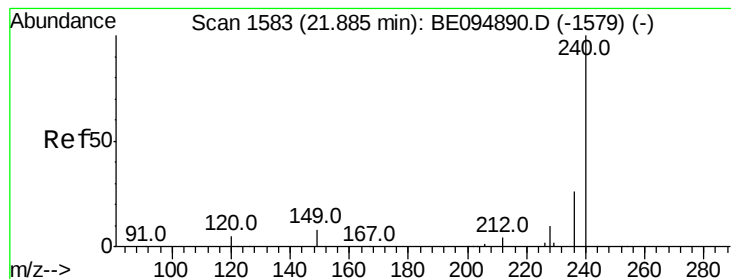


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

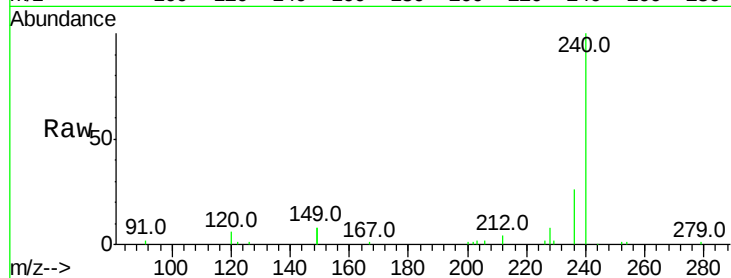
Tot Ion:240 Resp: 28390

Ion Ratio Lower Upper

240 100

120 5.6 5.5 8.3

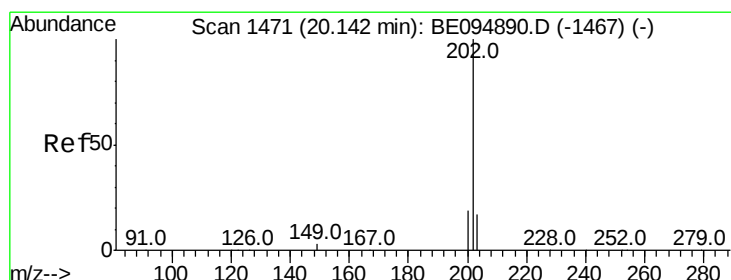
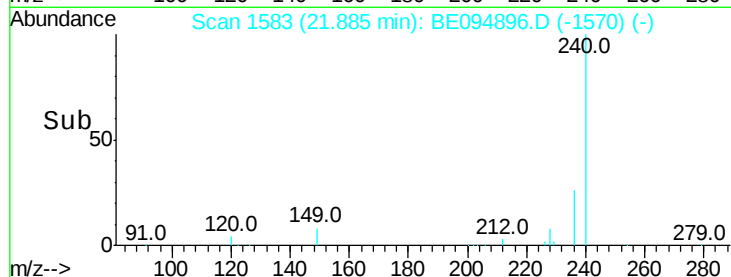
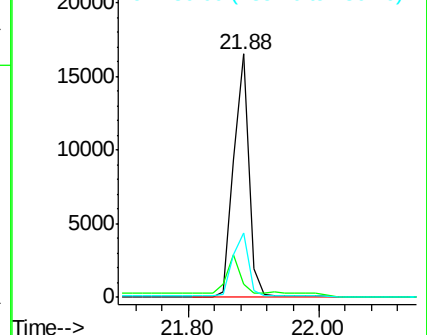
236 26.3 20.7 31.1



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: 0.388 ng

RT: 20.14 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

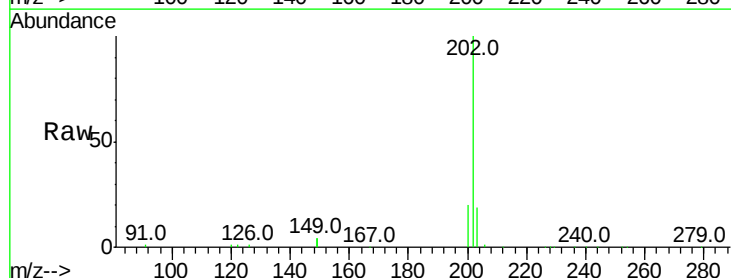
Tgt Ion:202 Resp: 38067

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

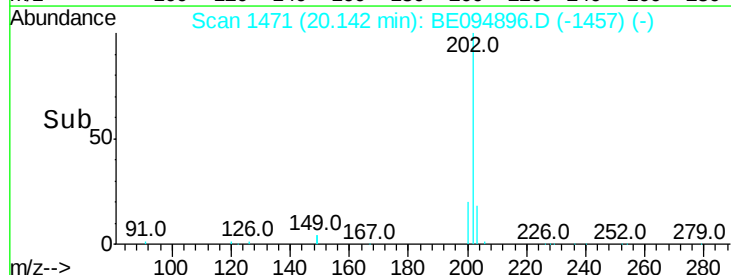
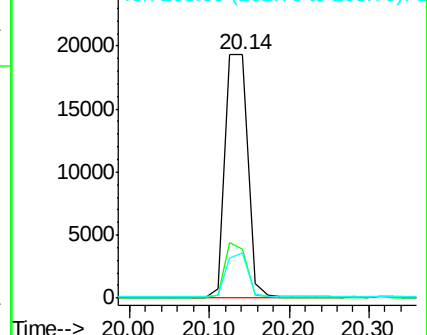
203 20.4 13.8 20.8

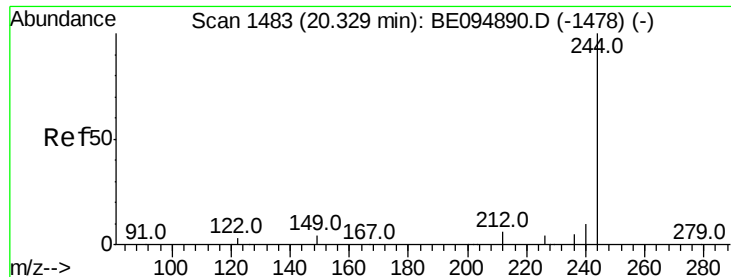


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

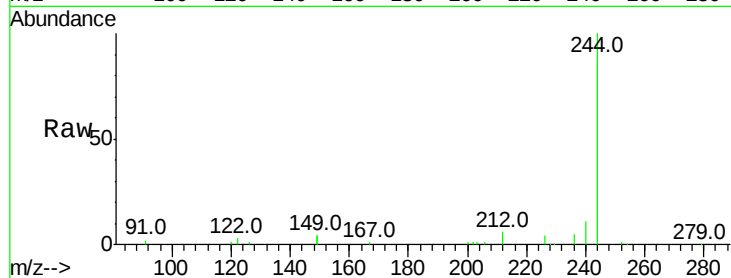
Tot Ion:244 Resp: 20469

Ion Ratio Lower Upper

244 100

212 6.0 25.4 38.0#

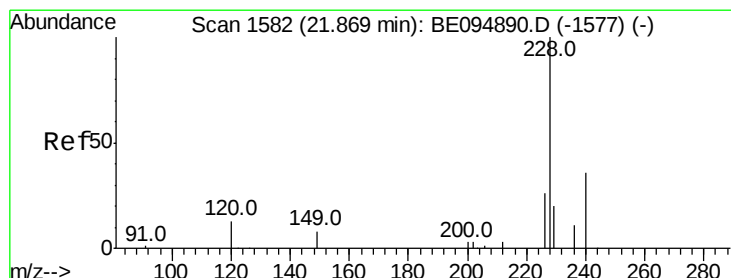
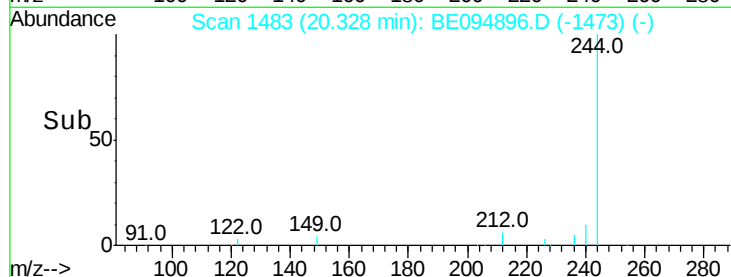
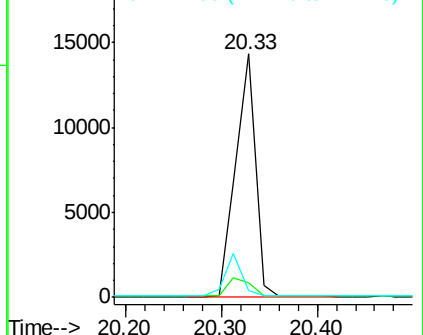
122 3.0 8.1 12.1#



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: 0.387 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

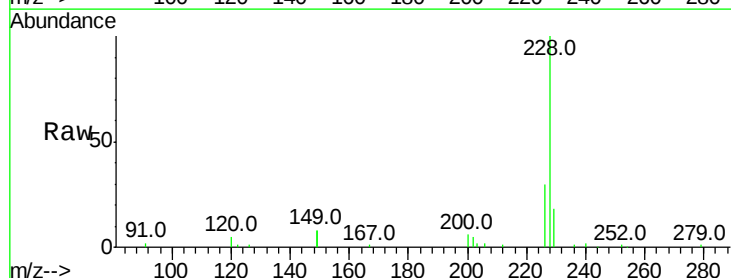
Tgt Ion:228 Resp: 33682

Ion Ratio Lower Upper

228 100

226 29.8 40.0 60.0#

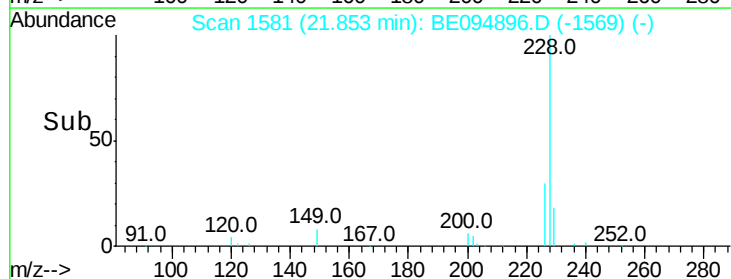
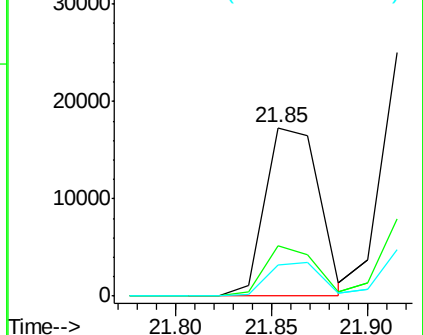
229 18.4 40.0 60.0#

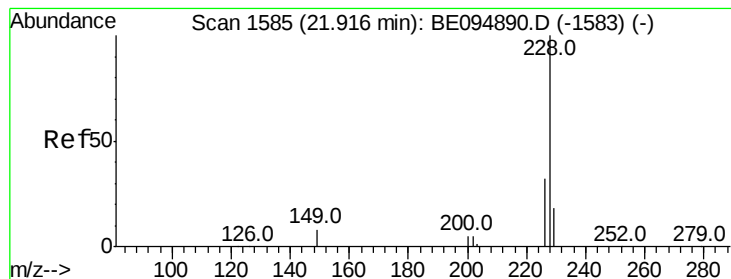


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

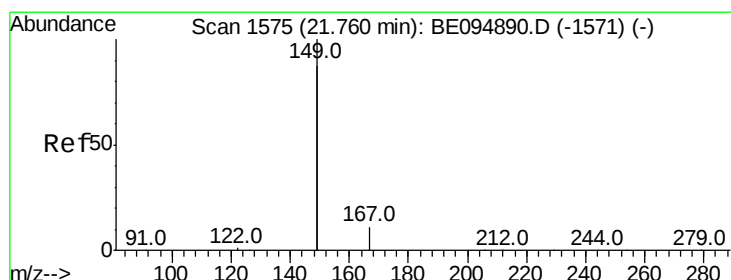
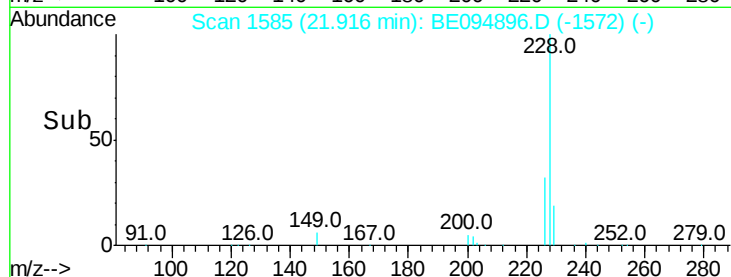
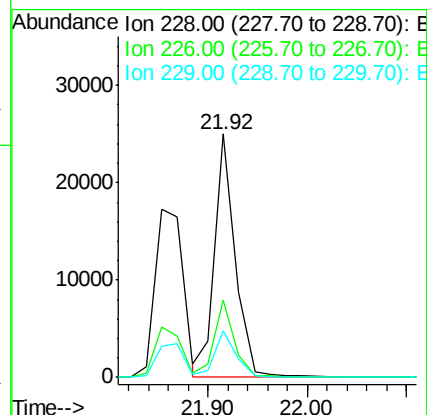
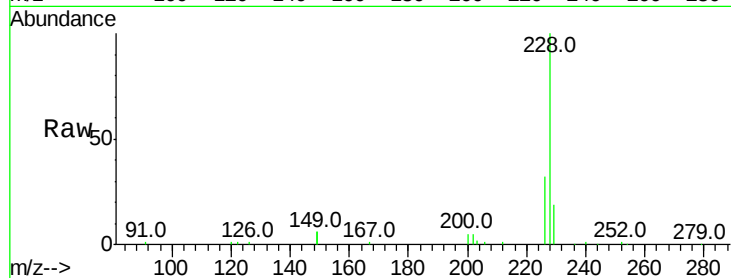
Tot Ion:228 Resp: 38895

Ion Ratio Lower Upper

228 100

226 31.7 40.0 60.0#

229 18.9 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.229 ng

RT: 21.76 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

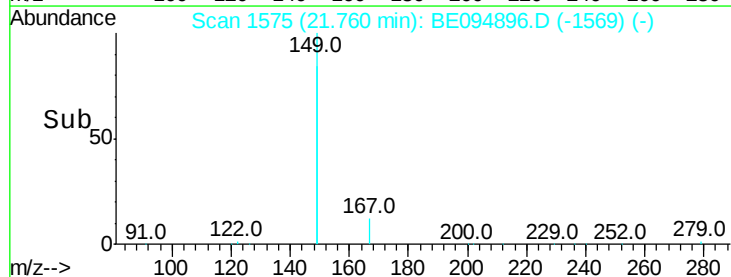
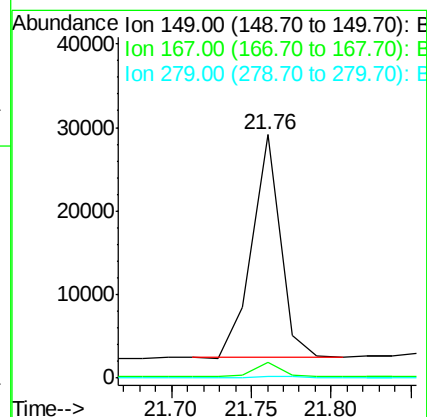
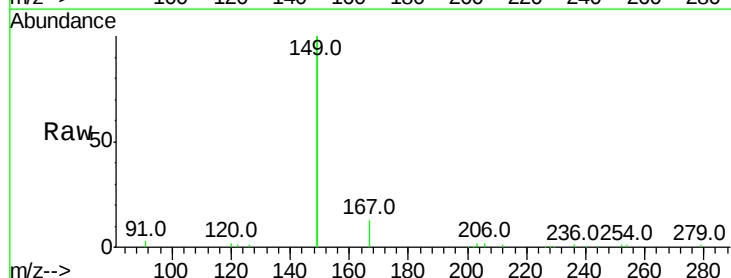
Tgt Ion:149 Resp: 33063

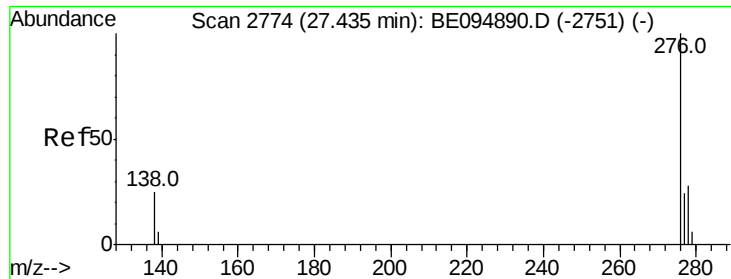
Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.9 0.7 1.1

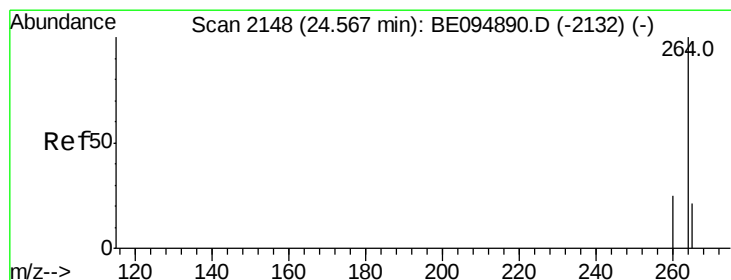
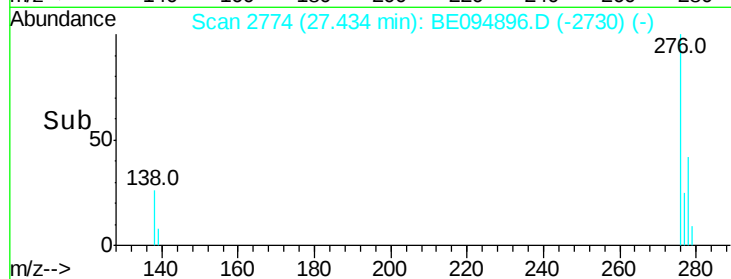
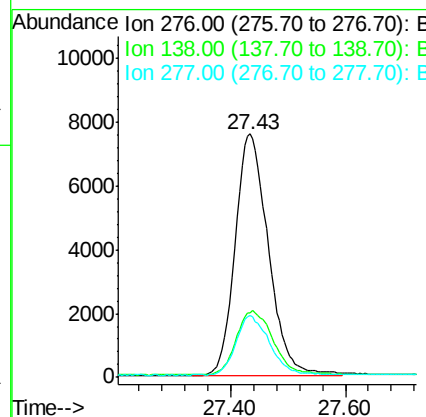
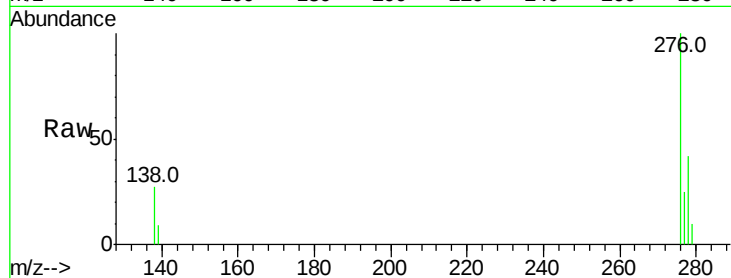




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.388 ng
 RT: 27.43 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: BE094896.D
 Acq: 1 Dec 2017 8:46

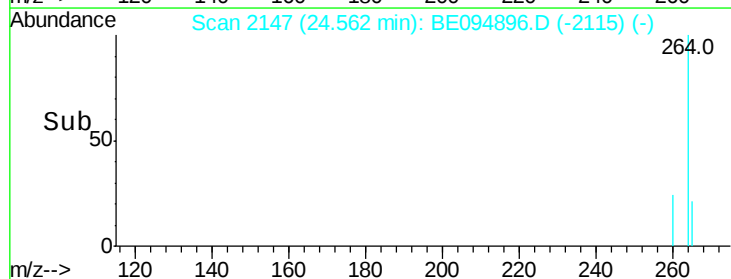
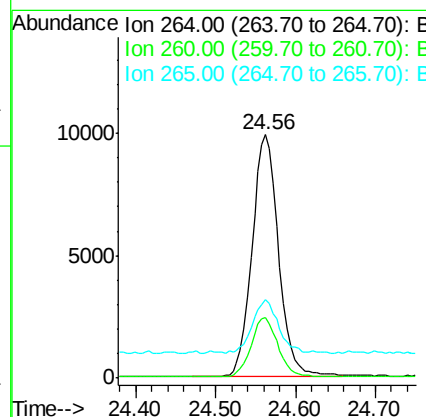
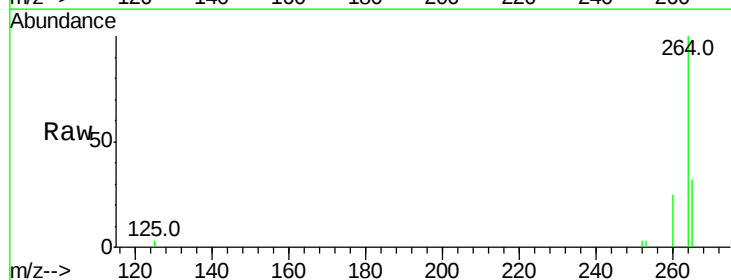
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

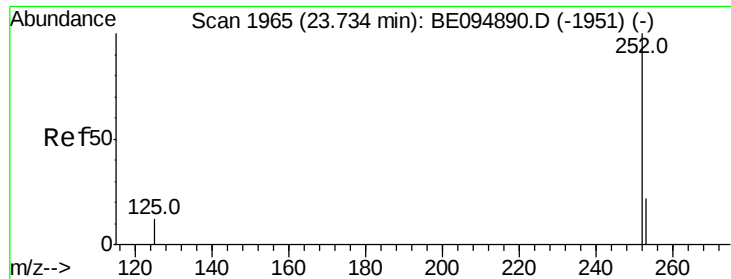
Tot Ion:276 Resp: 30555
 Ion Ratio Lower Upper
 276 100
 138 29.2 22.5 33.7
 277 24.6 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.56 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BE094896.D
 Acq: 1 Dec 2017 8:46

Tgt Ion:264 Resp: 22764
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.5 30.7
 265 32.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

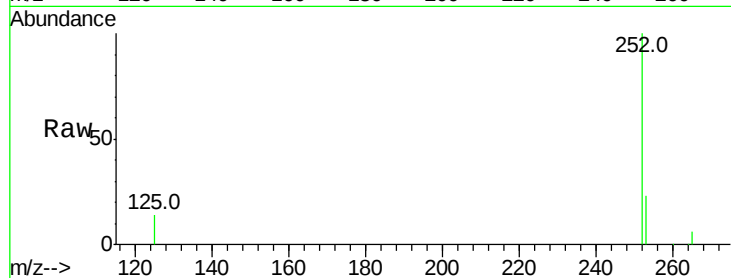
Tot Ion:252 Resp: 32430

Ion Ratio Lower Upper

252 100

253 22.5 48.0 72.0#

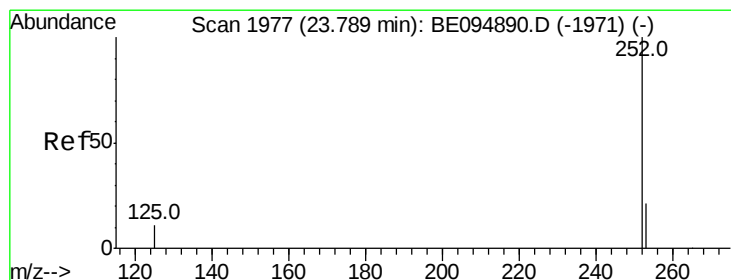
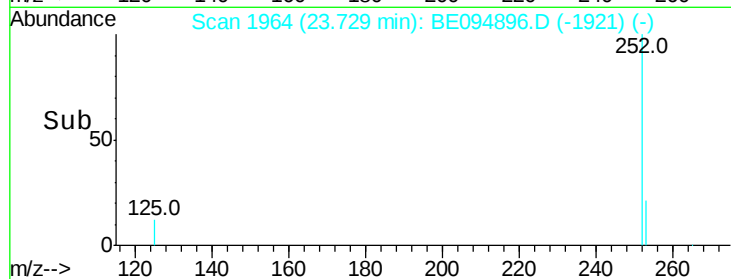
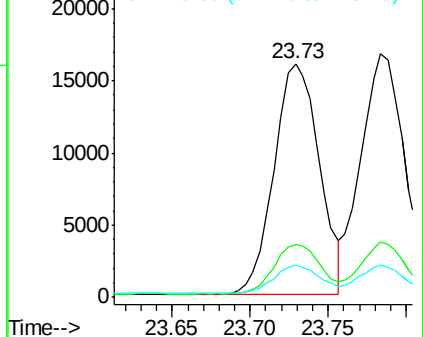
125 13.8 56.0 84.0#



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: 0.393 ng

RT: 23.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

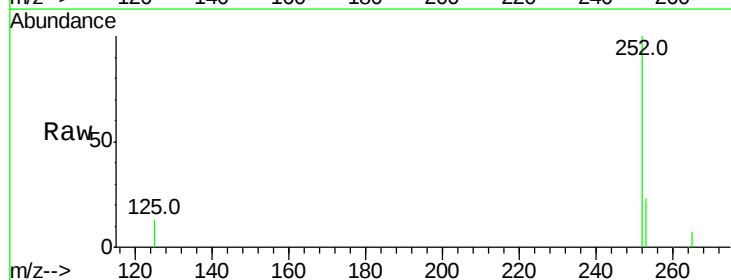
Tgt Ion:252 Resp: 33291

Ion Ratio Lower Upper

252 100

253 22.7 48.0 72.0#

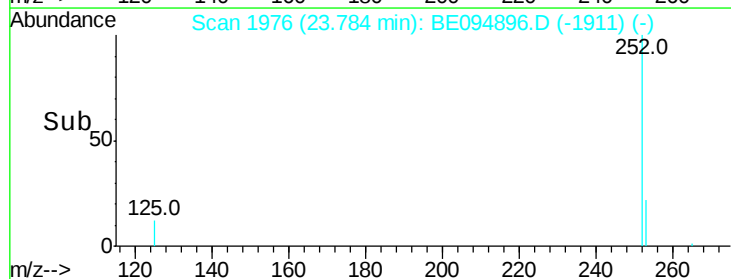
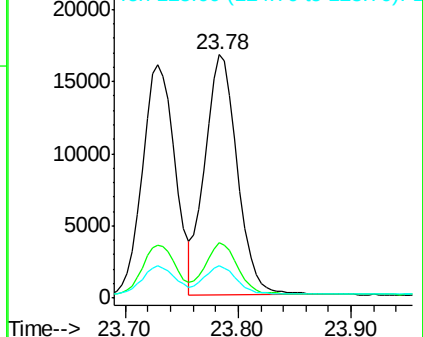
125 13.1 56.0 84.0#

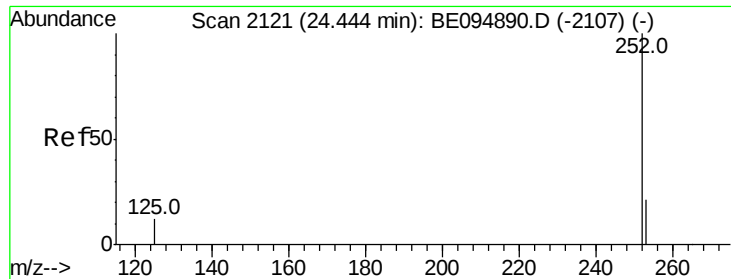


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 24.44 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

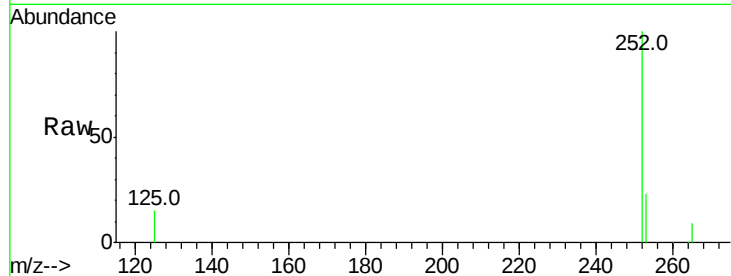
Tot Ion:252 Resp: 27782

Ion Ratio Lower Upper

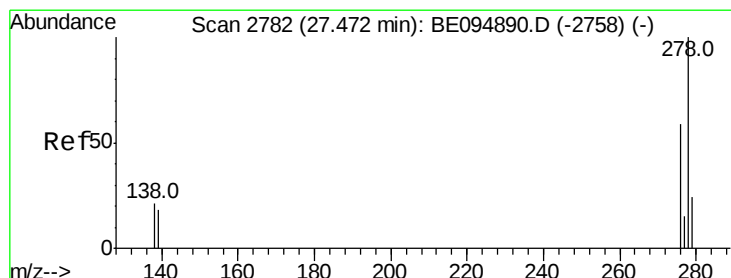
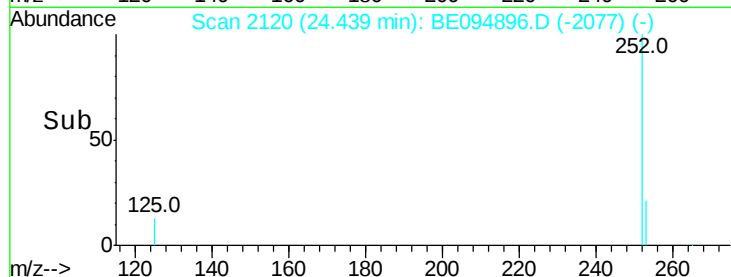
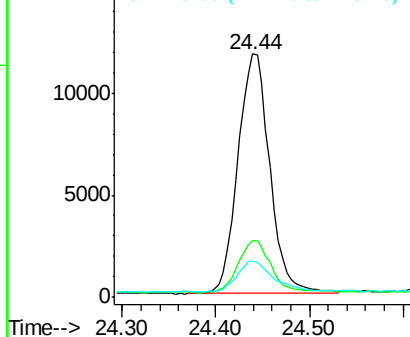
252 100

253 23.2 52.0 78.0#

125 14.9 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: 0.386 ng

RT: 27.47 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

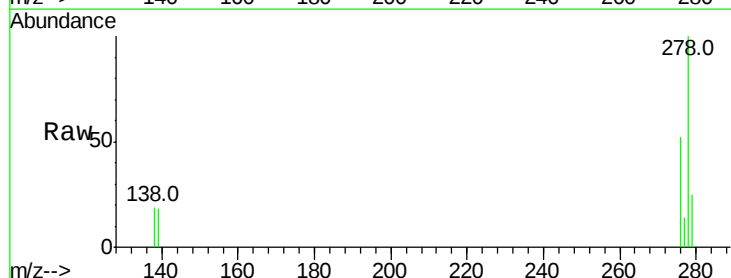
Tgt Ion:278 Resp: 26010

Ion Ratio Lower Upper

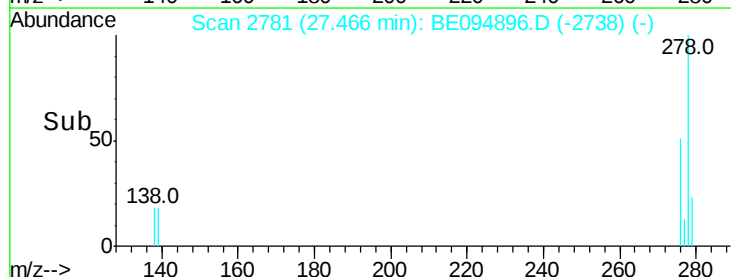
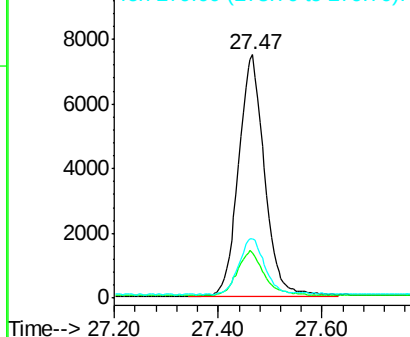
278 100

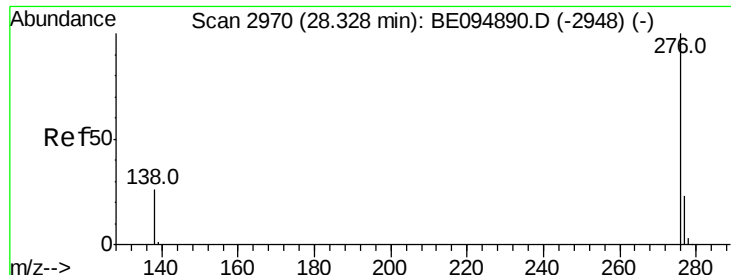
139 18.4 56.0 84.0#

279 24.5 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: 0.385 ng

RT: 28.32 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BE094896.D

Acq: 1 Dec 2017 8:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

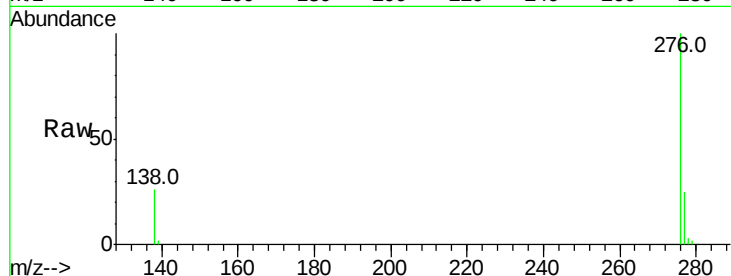
Tot Ion:276 Resp: 25900

Ion Ratio Lower Upper

276 100

277 24.6 52.0 78.0#

138 25.9 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

