

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
 Data File : BE094993.D
 Acq On : 15 Dec 2017 00:56
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 15 08:14:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6090	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	14412	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8575	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	20461	0.40	ng	0.00
27) Chrysene-d12	21.87	240	24548	0.40	ng	0.00
34) Perylene-d12	24.54	264	19985	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.95	112	4273	0.45	ng	0.00
5) Phenol-d6	7.59	99	6549	0.47	ng	0.00
8) Nitrobenzene-d5	9.65	82	5495	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9553	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1248	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	14630	0.39	ng	0.00
25) Fluoranthene-d10	19.75	212	111048	0.42	ng	0.00
29) Terphenyl-d14	20.31	244	18863	0.41	ng	0.00

Target Compounds

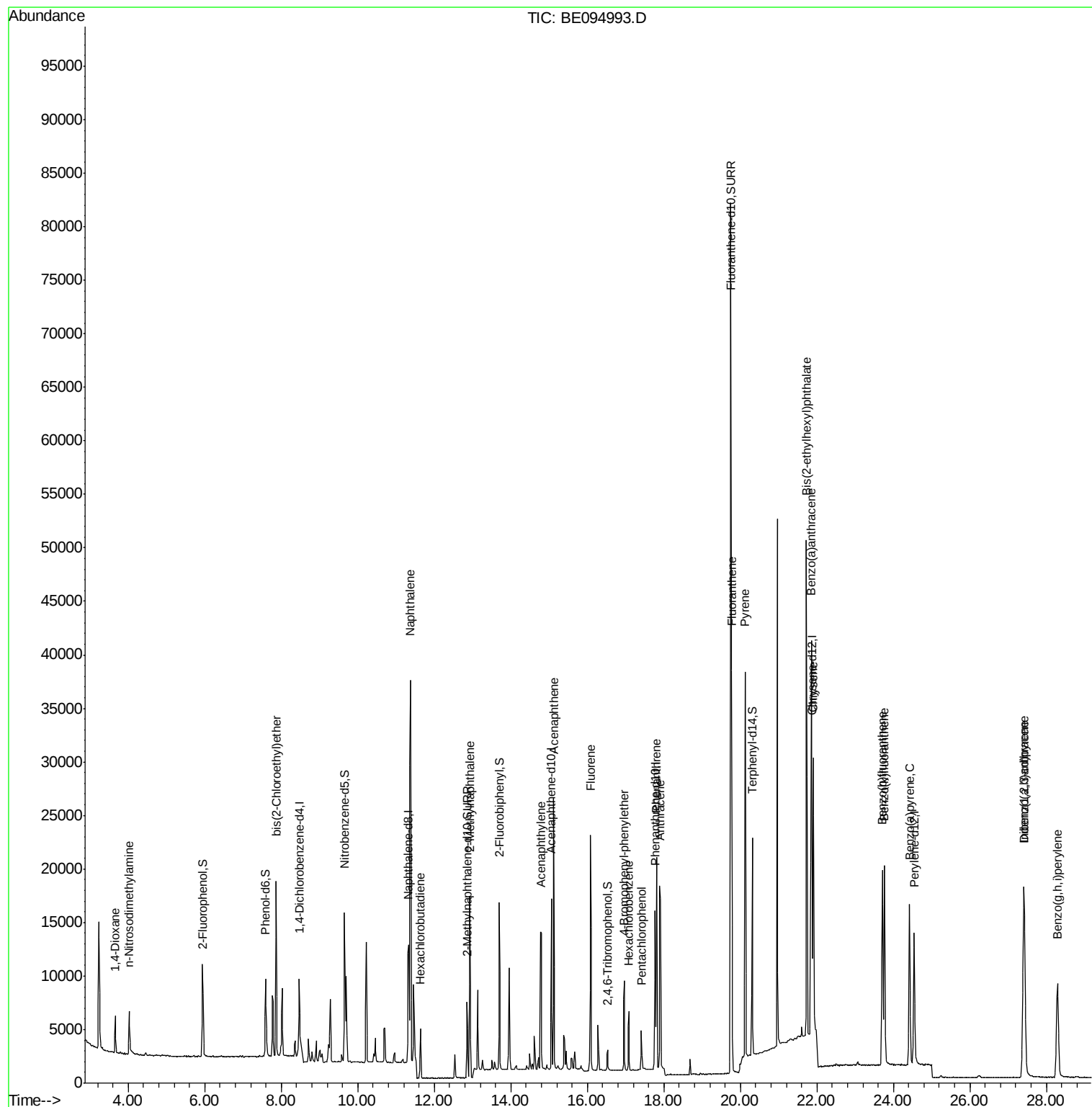
						Qvalue
2) 1,4-Dioxane	3.66	88	2462	0.410	ng	# 89
3) n-Nitrosodimethylamine	4.02	42	3173	0.447	ng	# 89
6) bis(2-Chloroethyl)ether	7.87	93	5694	0.415	ng	95
9) Naphthalene	11.38	128	67221	0.397	ng	99
10) Hexachlorobutadiene	11.64	225	3091	0.402	ng	98
12) 2-Methylnaphthalene	12.93	142	16916	0.401	ng	98
16) Acenaphthylene	14.79	152	18400	0.401	ng	99
17) Acenaphthene	15.12	154	12236	0.402	ng	97
18) Fluorene	16.08	166	15481	0.410	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	4801	0.401	ng	# 69
21) Hexachlorobenzene	17.09	284	4740	0.387	ng	# 82
22) Pentachlorophenol	17.41	266	1737	0.652	ng	# 73
23) Phenanthrene	17.80	178	24988	0.392	ng	98
24) Anthracene	17.89	178	26412	0.404	ng	# 93
26) Fluoranthene	19.78	202	32323	0.411	ng	99
28) Pyrene	20.13	202	33639	0.404	ng	97
30) Benzo(a)anthracene	21.85	228	30635	0.427	ng	# 61
31) Chrysene	21.90	228	30650	0.380	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.73	149	63096	0.690	ng	100
33) Indeno(1,2,3-cd)pyrene	27.40	276	27822	0.423	ng	98
35) Benzo(b)fluoranthene	23.71	252	27150	0.370	ng	# 91
36) Benzo(k)fluoranthene	23.77	252	27763	0.373	ng	94
37) Benzo(a)pyrene	24.42	252	25231	0.387	ng	94
38) Dibenzo(a,h)anthracene	27.43	278	23117	0.383	ng	98
39) Benzo(g,h,i)perylene	28.29	276	22746	0.378	ng	# 95

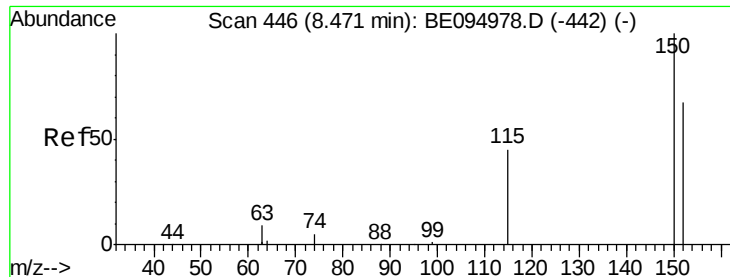
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

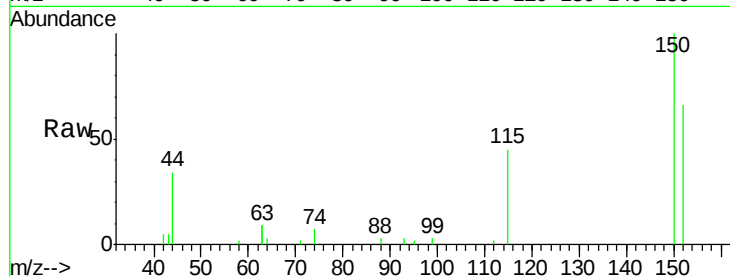
Tgt Ion:152 Resp: 6090

Ion Ratio Lower Upper

152 100

150 151.1 117.2 175.8

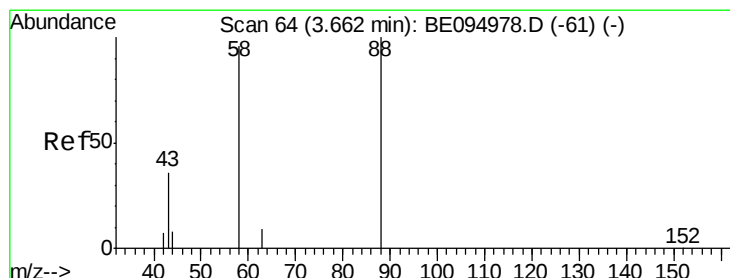
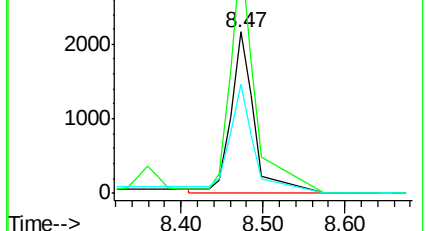
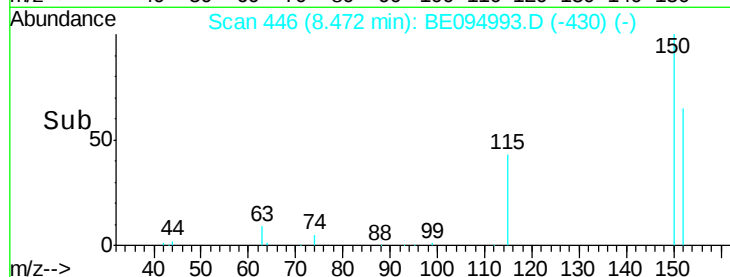
115 67.7 57.0 85.6



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: 0.410 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

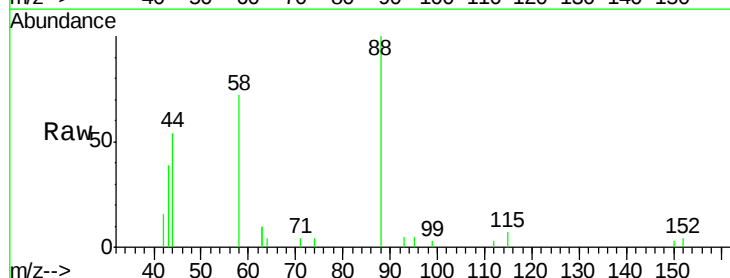
Tgt Ion: 88 Resp: 2462

Ion Ratio Lower Upper

88 100

58 78.1 63.2 94.8

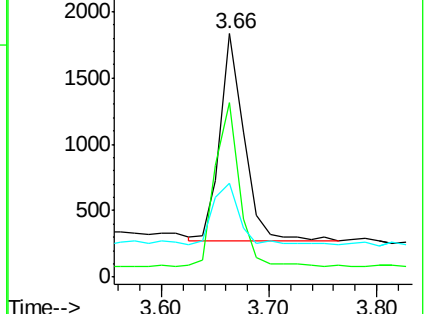
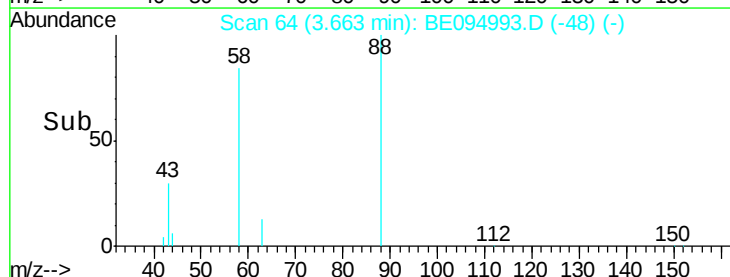
43 33.9 41.2 61.8#

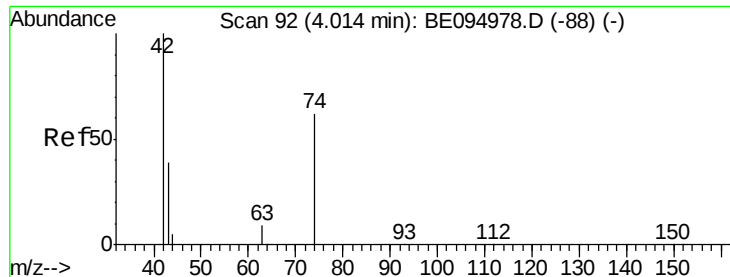


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.447 ng

RT: 4.02 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

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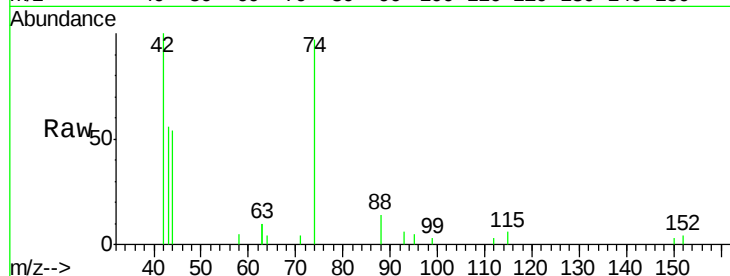
Tgt Ion: 42 Resp: 3173

Ion Ratio Lower Upper

42 100

74 107.8 96.0 144.0

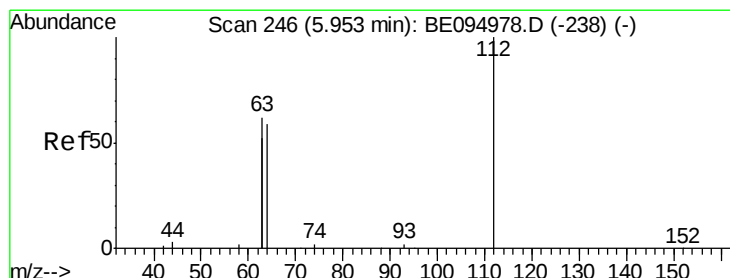
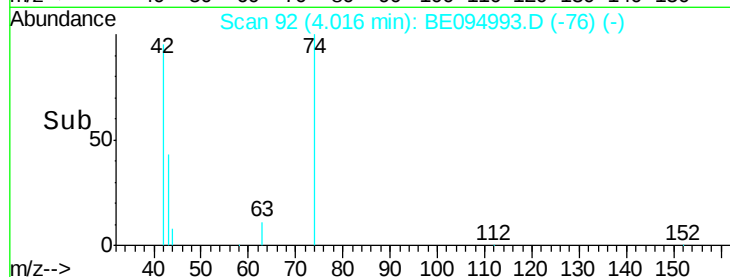
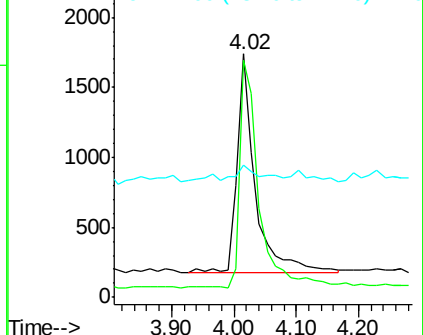
44 8.9 12.0 18.0#



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: 0.452 ng

RT: 5.95 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

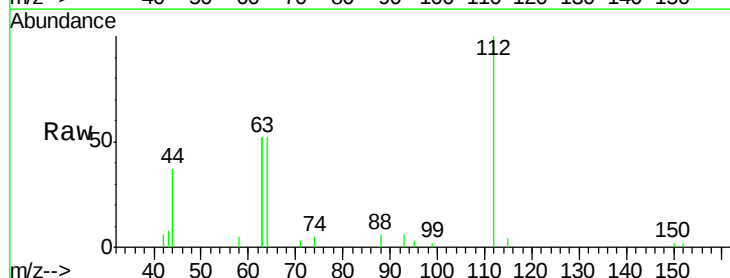
Tgt Ion: 112 Resp: 4273

Ion Ratio Lower Upper

112 100

64 75.5 60.1 90.1

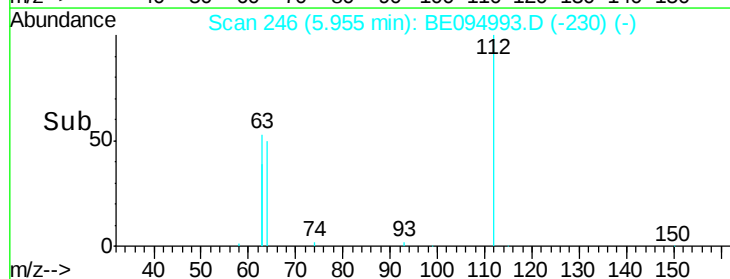
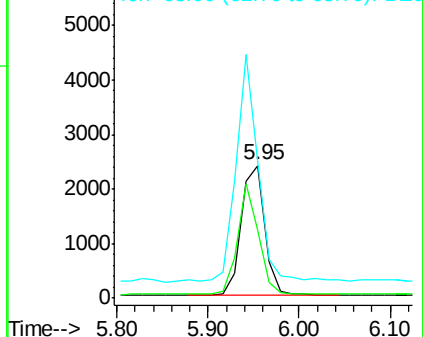
63 162.0 116.8 175.2

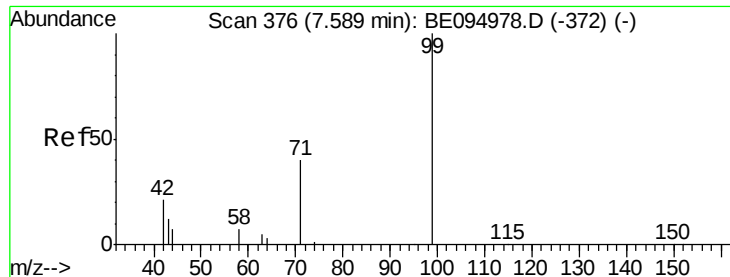


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.466 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

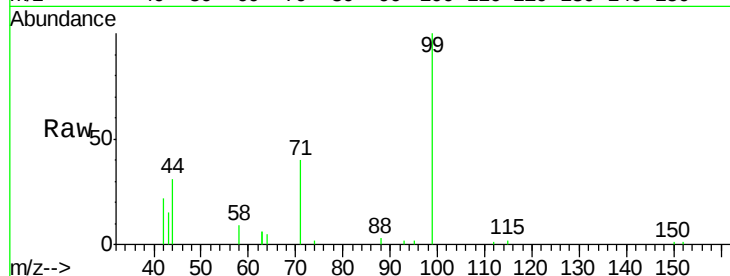
Tgt Ion: 99 Resp: 6549

Ion Ratio Lower Upper

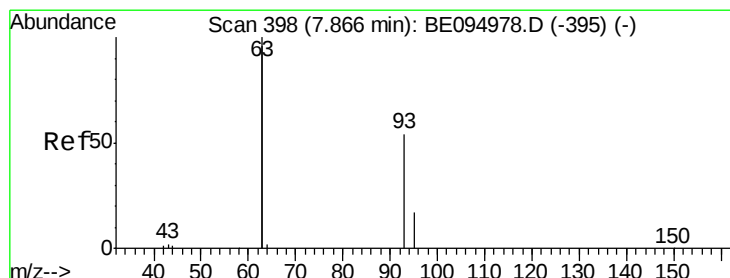
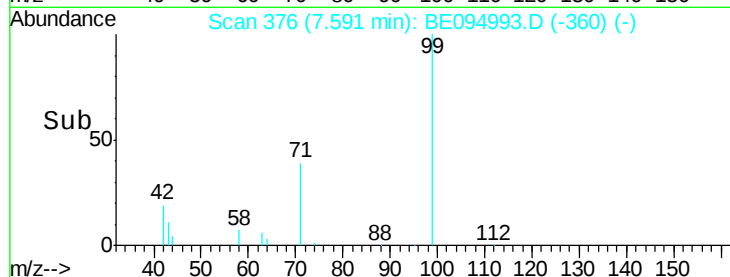
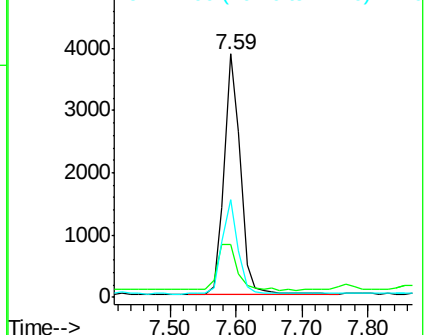
99 100

42 24.3 20.2 30.2

71 38.9 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: 0.415 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

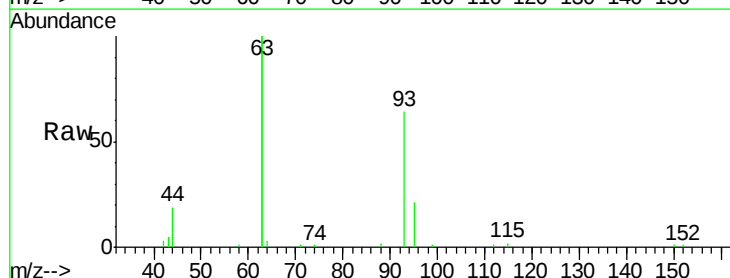
Tgt Ion: 93 Resp: 5694

Ion Ratio Lower Upper

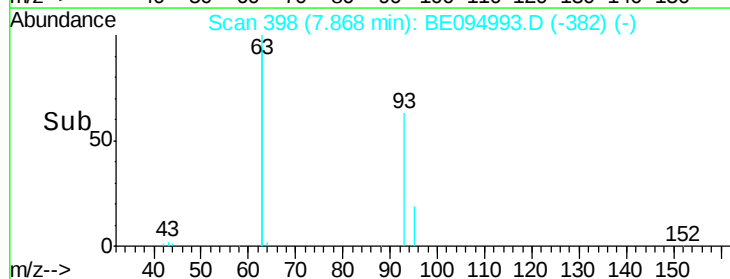
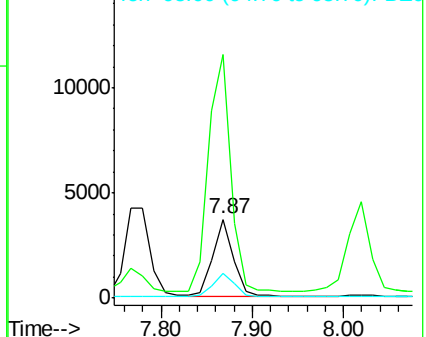
93 100

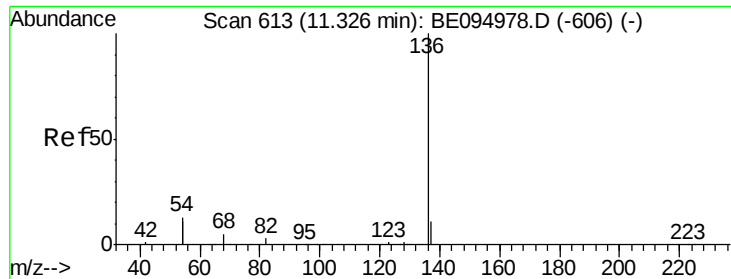
63 332.7 275.3 412.9

95 32.0 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 14412

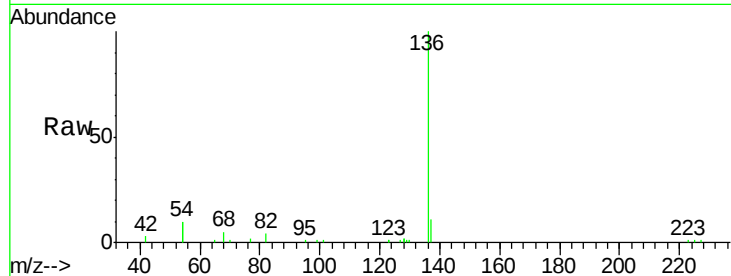
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 20.9 29.1 43.7#

68 4.7 6.2 9.2#

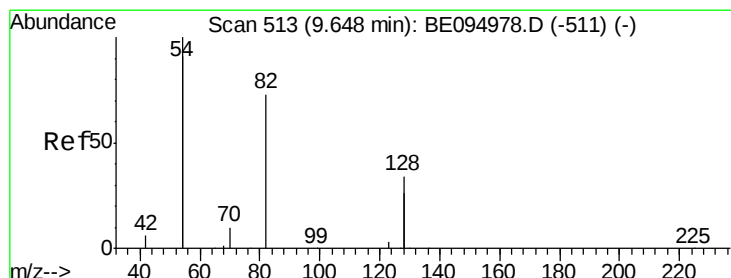
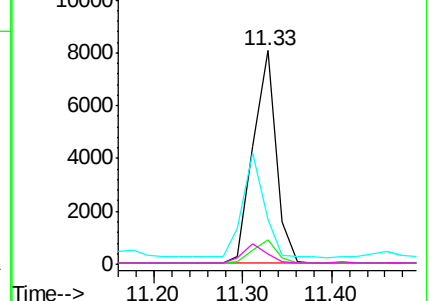
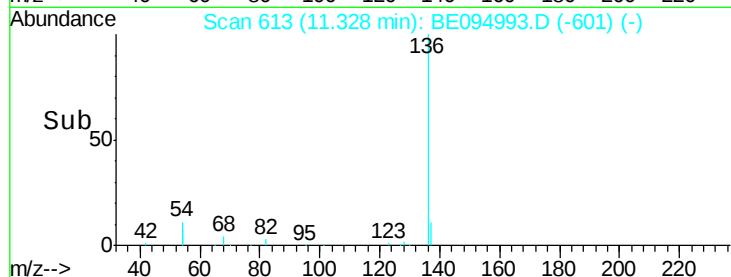


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.465 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

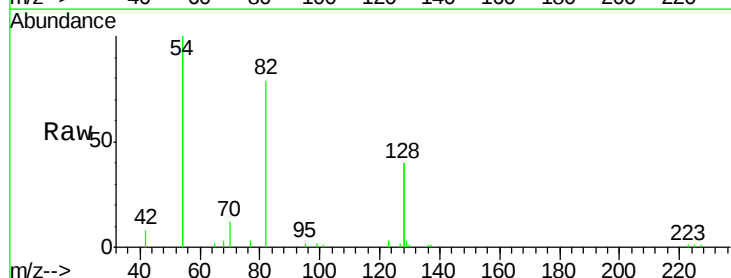
Tgt Ion: 82 Resp: 5495

Ion Ratio Lower Upper

82 100

128 100.1 150.0 225.0#

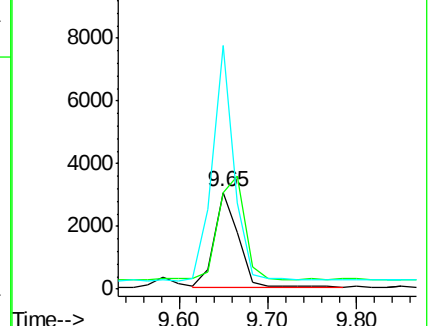
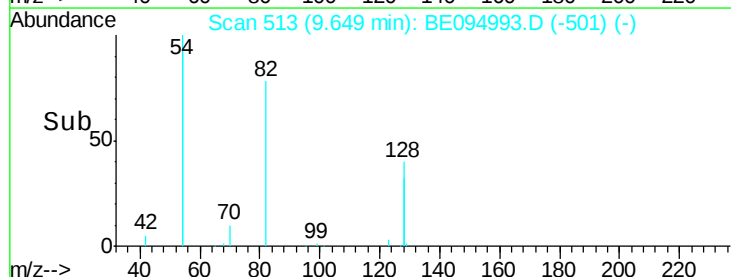
54 252.0 154.2 231.4#

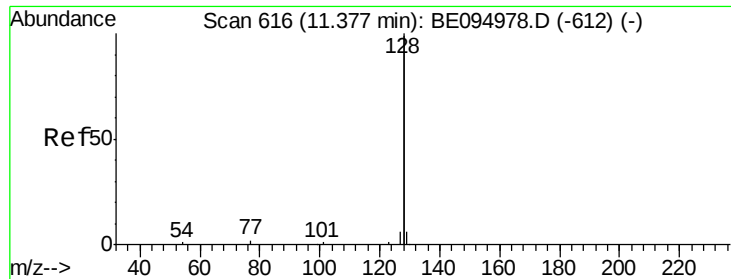


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.397 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

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BNA_E

ClientSampleId :

SSTDCCC0.4EC

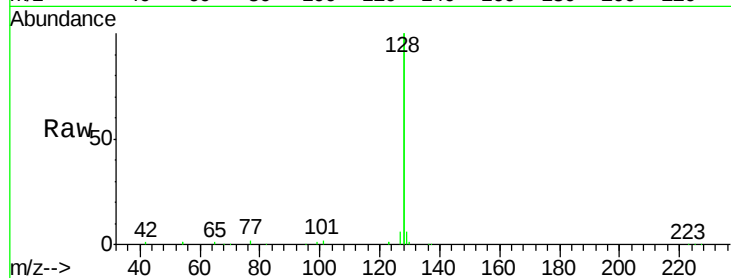
Tgt Ion:128 Resp: 67221

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

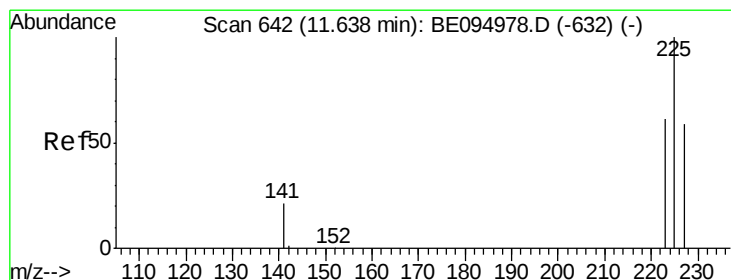
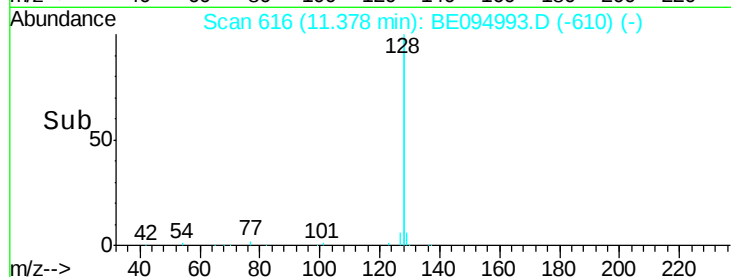
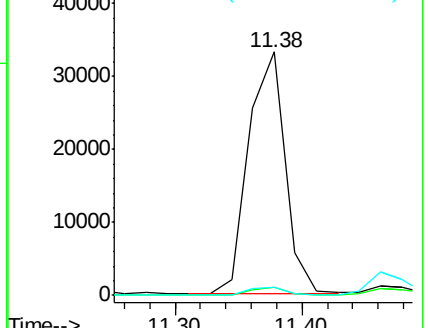
127 3.1 2.8 4.2



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: 0.402 ng

RT: 11.64 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

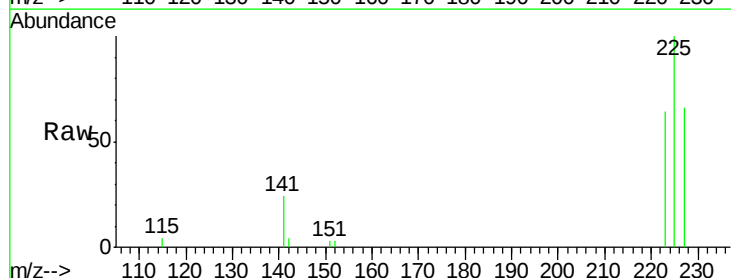
Tgt Ion:225 Resp: 3091

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

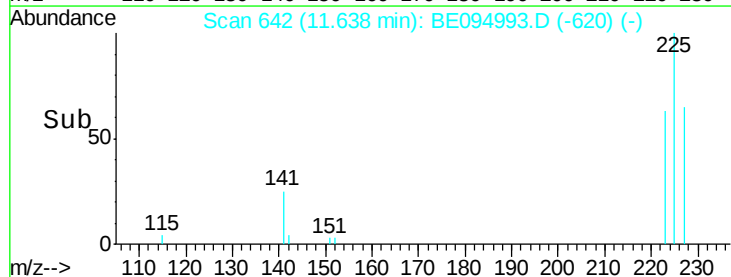
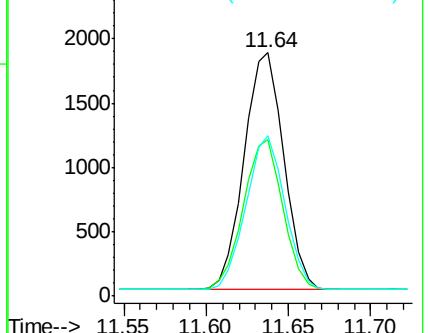
227 64.0 51.4 77.2

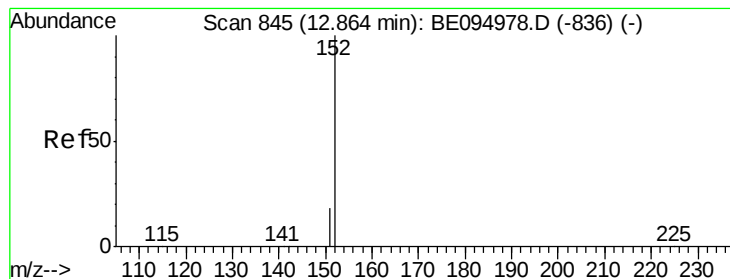


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.86 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

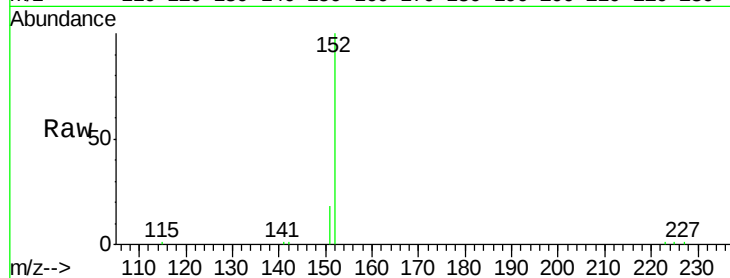
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9553

Ion Ratio Lower Upper

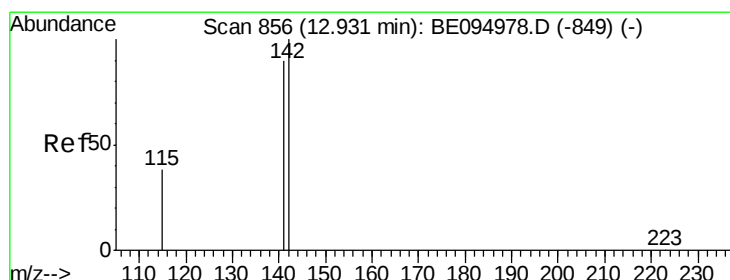
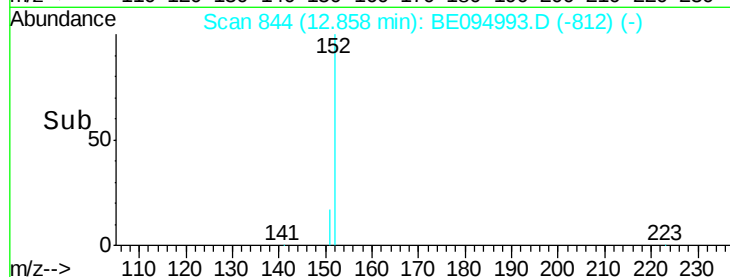
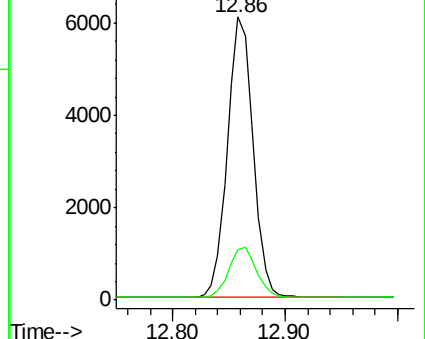
152 100

151 19.7 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: 0.401 ng

RT: 12.93 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

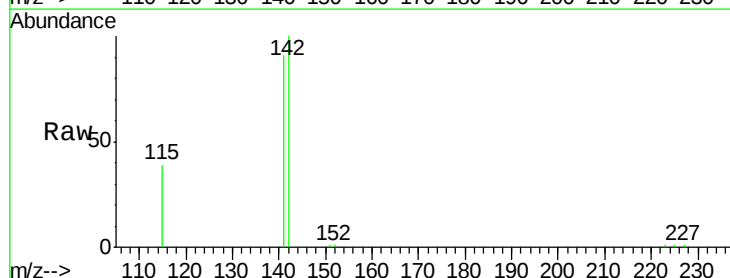
Tgt Ion:142 Resp: 16916

Ion Ratio Lower Upper

142 100

141 90.5 70.4 105.6

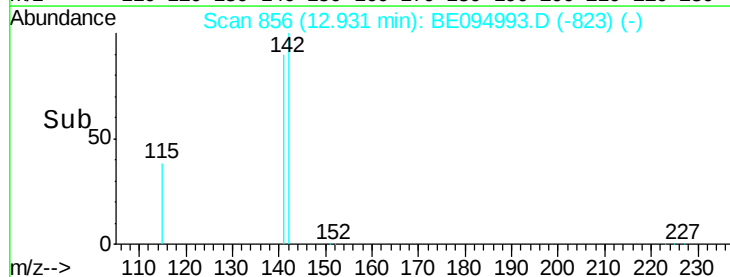
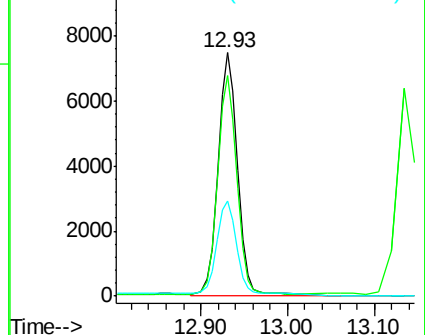
115 38.9 31.7 47.5

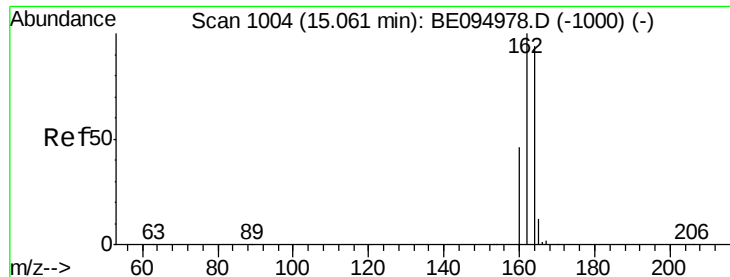


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

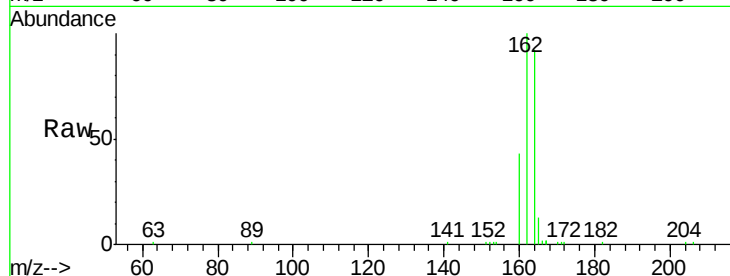
Tgt Ion:164 Resp: 8575

Ion Ratio Lower Upper

164 100

162 108.8 83.1 124.7

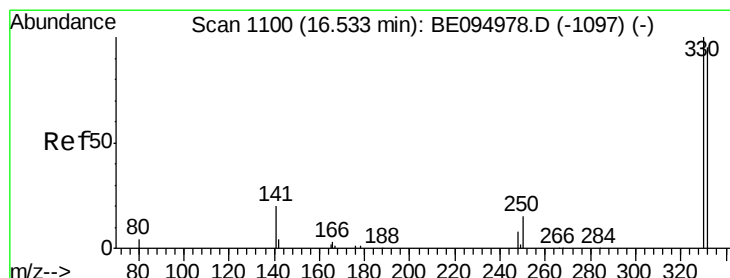
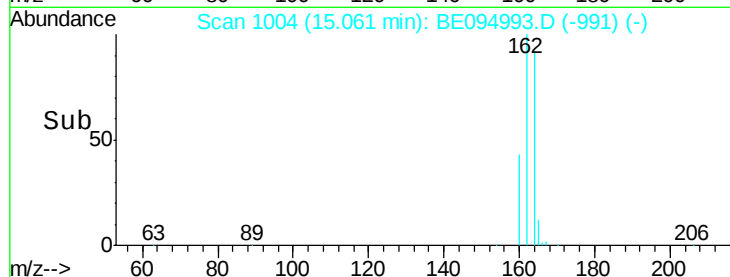
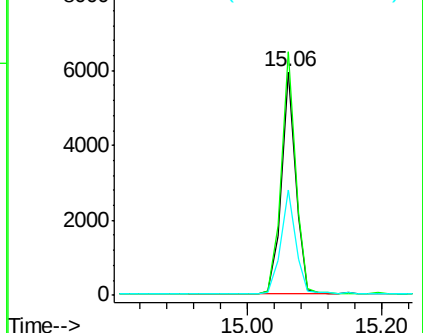
160 47.0 37.1 55.7



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: 0.626 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

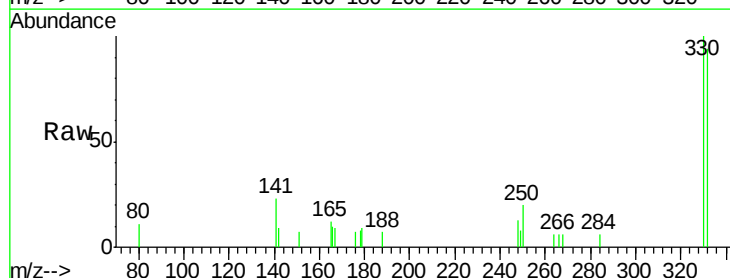
Tgt Ion:330 Resp: 1248

Ion Ratio Lower Upper

330 100

332 96.2 152.7 229.1#

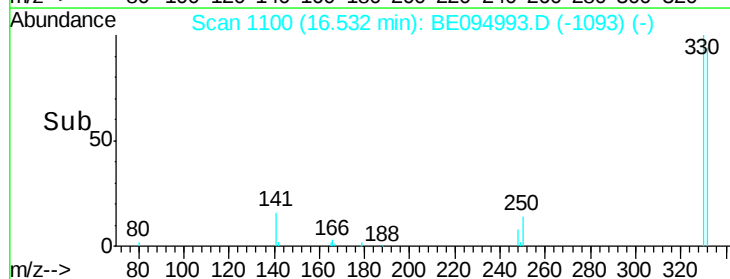
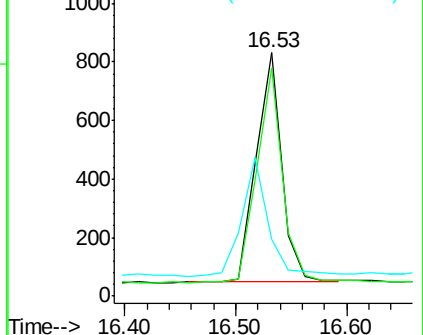
141 54.6 33.7 50.5#

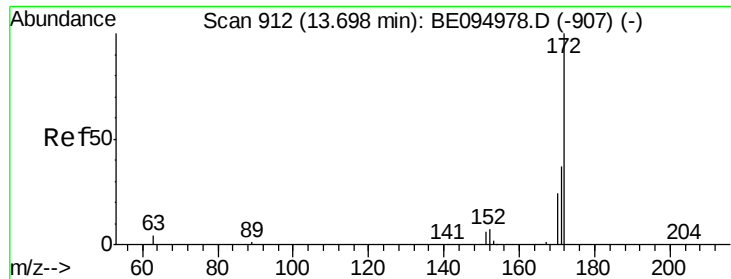


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

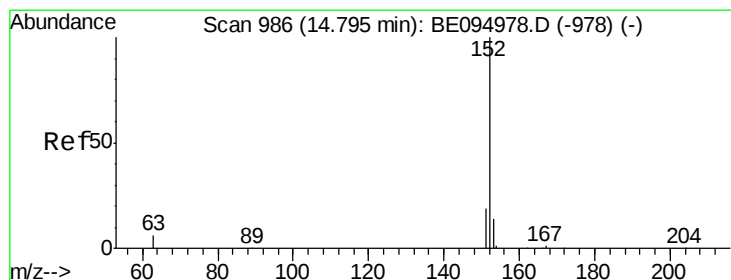
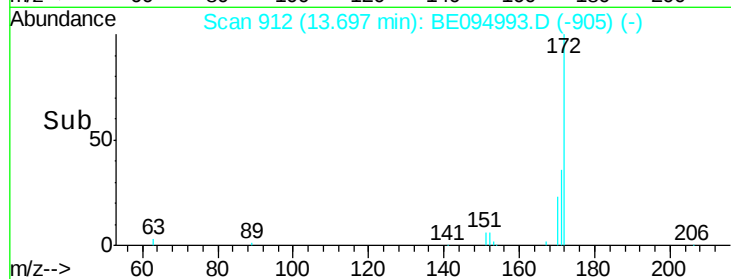
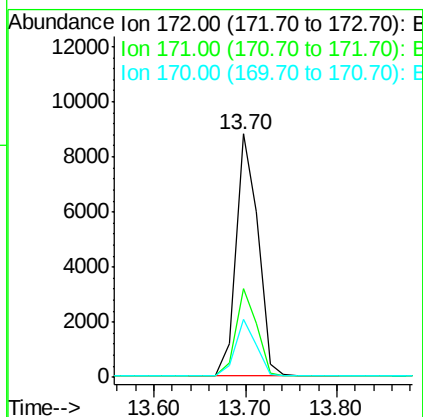
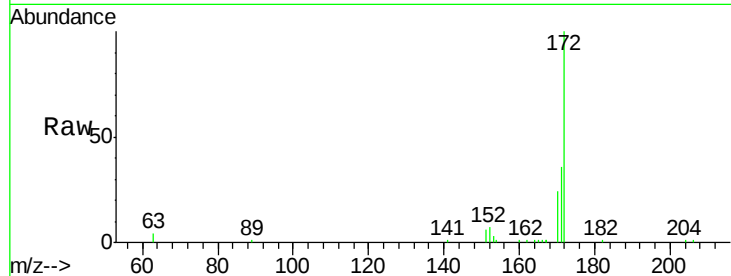




#15
 2-Fluorobiphenyl
 Concen: 0.385 ng
 RT: 13.70 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE094993.D
 Acq: 15 Dec 2017 00:56

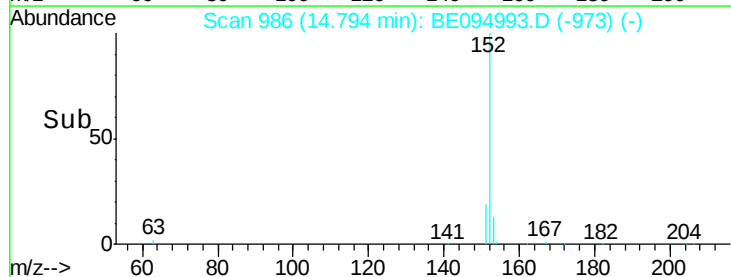
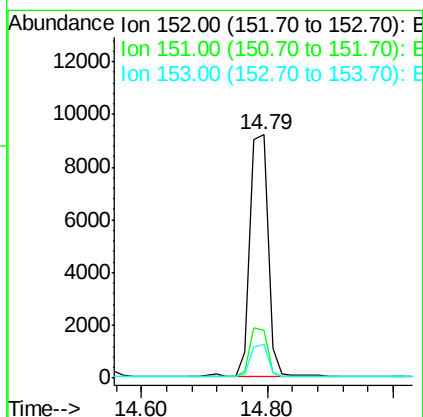
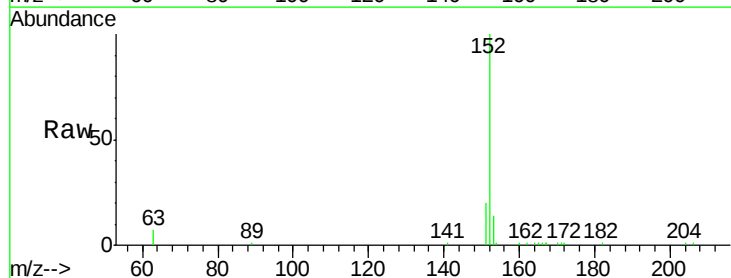
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

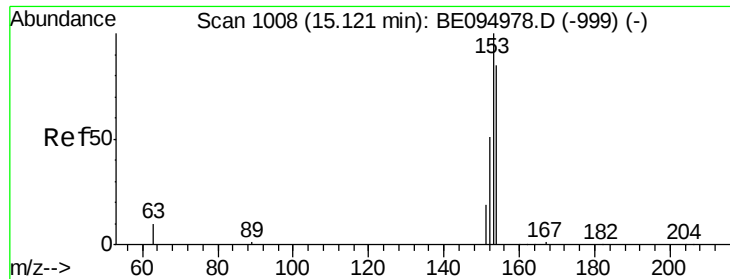
Tgt Ion:172 Resp: 14630
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.9 44.9
 170 24.0 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.401 ng
 RT: 14.79 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BE094993.D
 Acq: 15 Dec 2017 00:56

Tgt Ion:152 Resp: 18400
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.7 23.5
 153 13.3 10.5 15.7

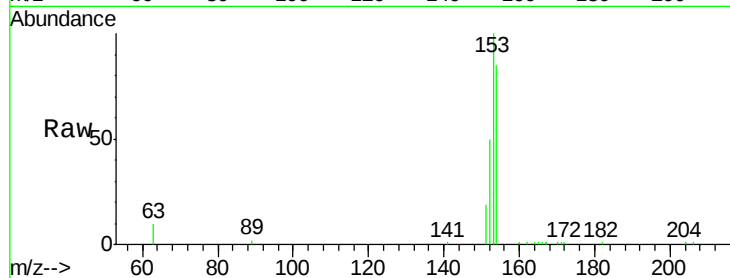




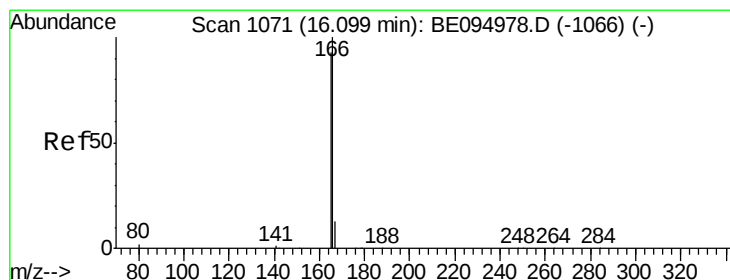
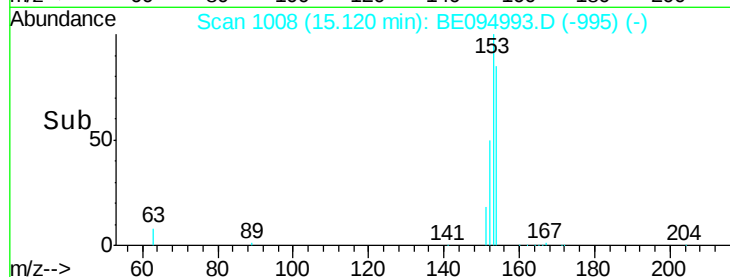
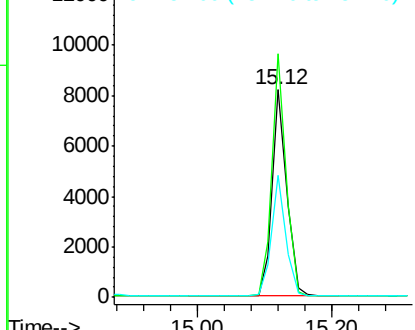
#17
Acenaphthene
Concen: 0.402 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 12236
Ion Ratio Lower Upper
154 100
153 112.8 89.2 133.8
152 56.7 42.0 63.0

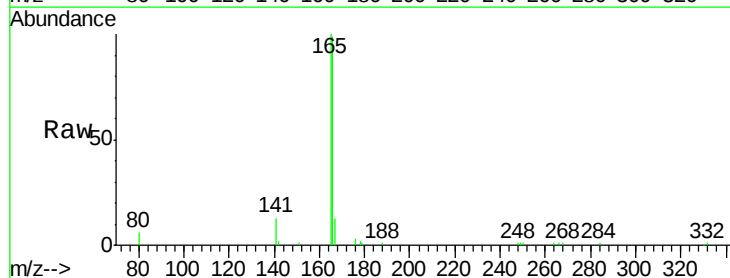


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

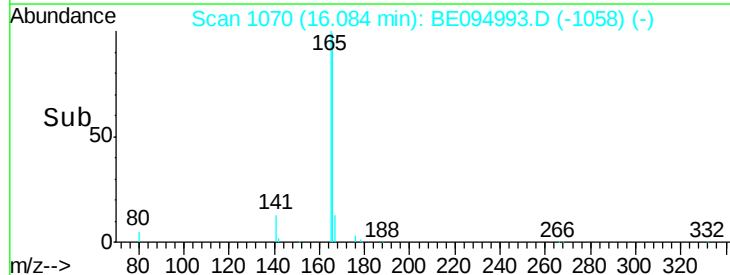
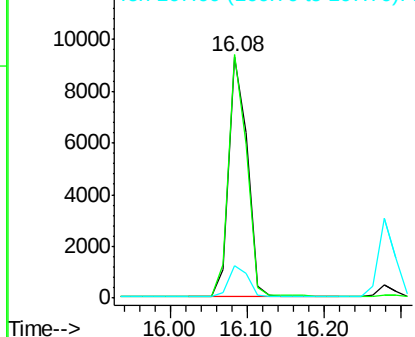


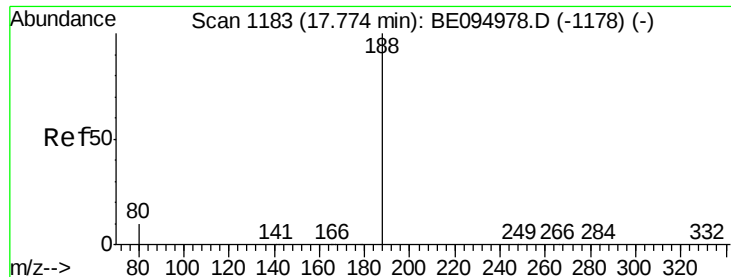
#18
Fluorene
Concen: 0.410 ng
RT: 16.08 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:166 Resp: 15481
Ion Ratio Lower Upper
166 100
165 98.5 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: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

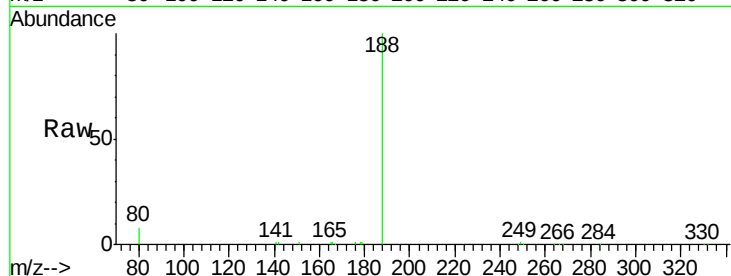
Tgt Ion:188 Resp: 20461

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

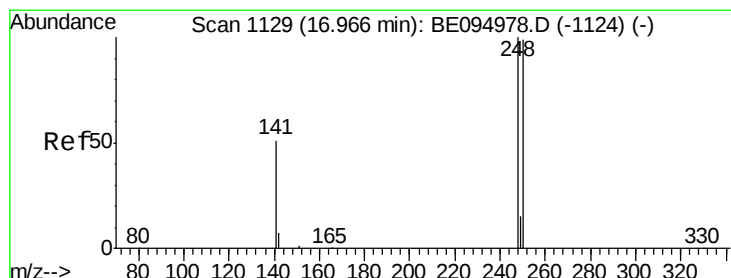
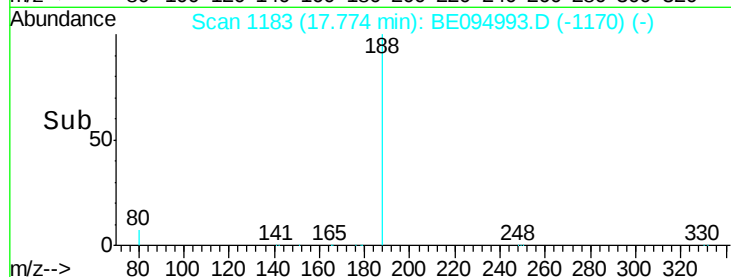
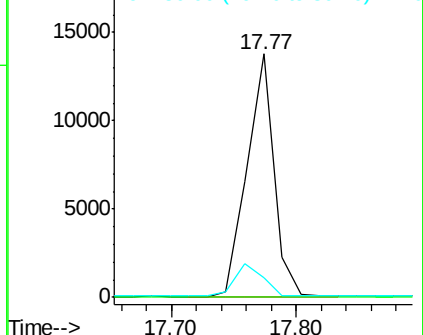
80 7.8 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.401 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

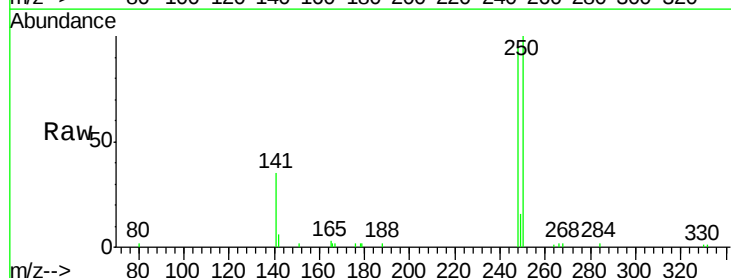
Tgt Ion:248 Resp: 4801

Ion Ratio Lower Upper

248 100

250 105.5 62.7 94.1#

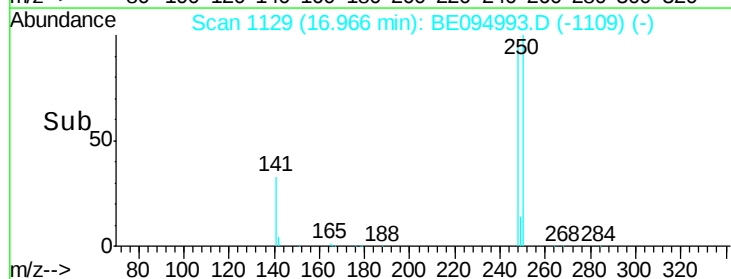
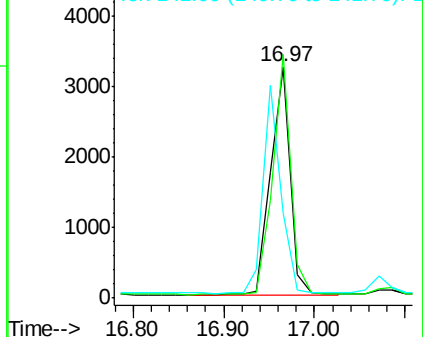
141 36.7 48.2 72.2#

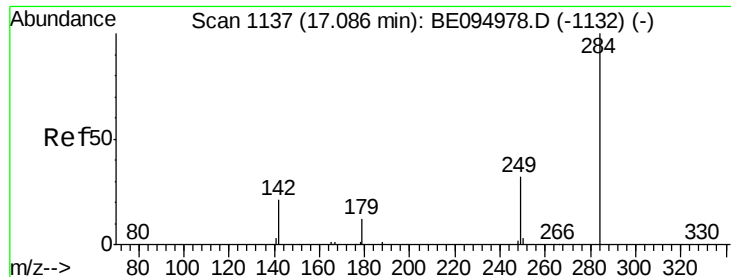


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

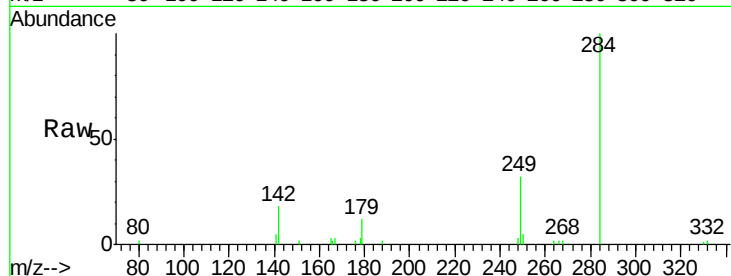
Tgt Ion:284 Resp: 4740

Ion Ratio Lower Upper

284 100

142 40.4 22.1 33.1#

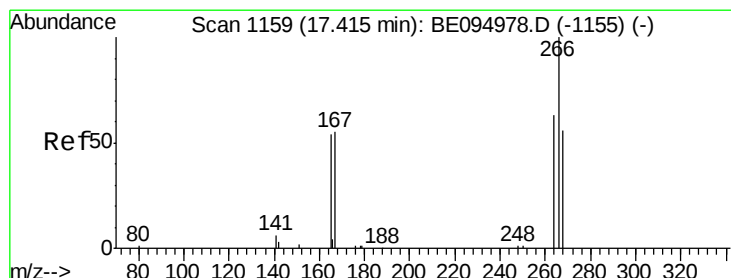
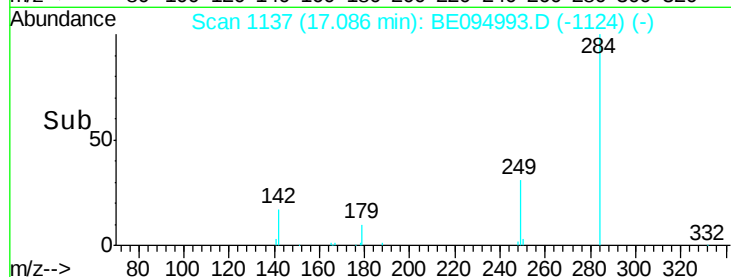
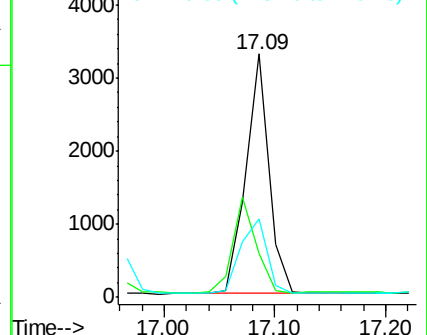
249 35.0 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.652 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

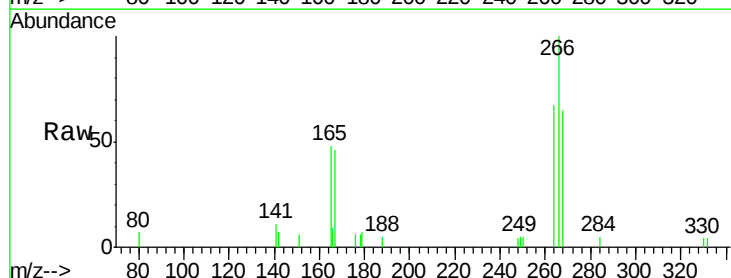
Tgt Ion:266 Resp: 1737

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

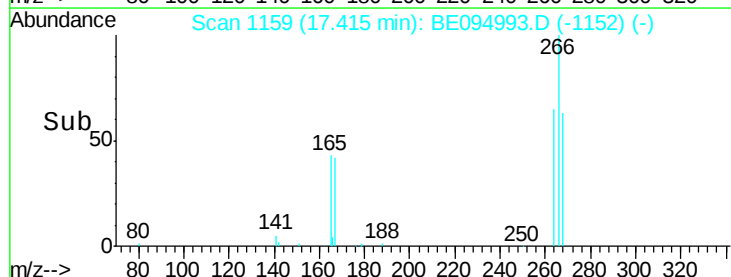
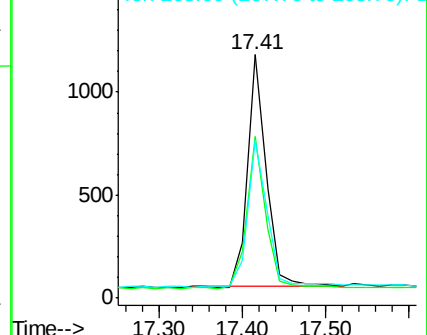
268 65.0 73.8 110.6#

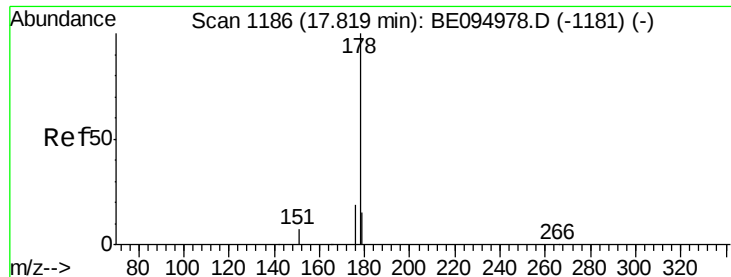


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.392 ng

RT: 17.80 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

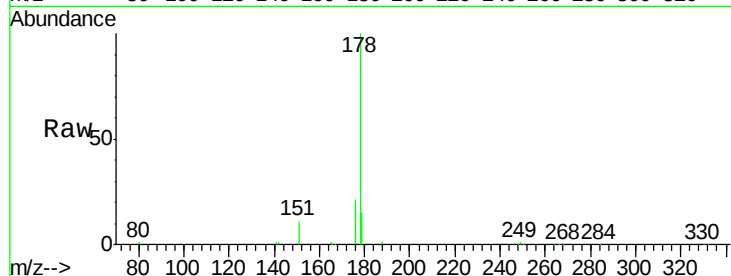
Tgt Ion:178 Resp: 24988

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

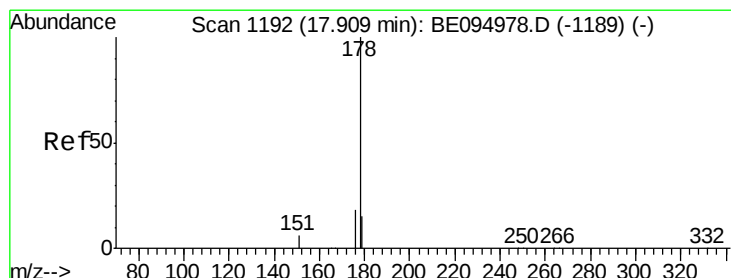
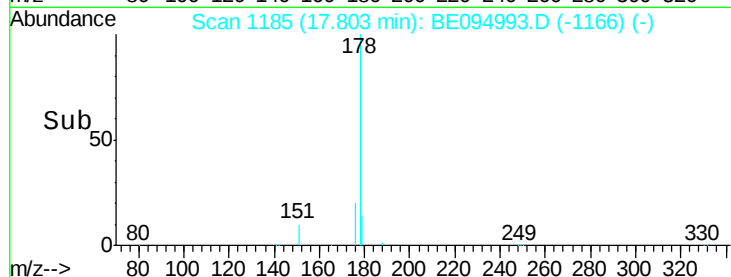
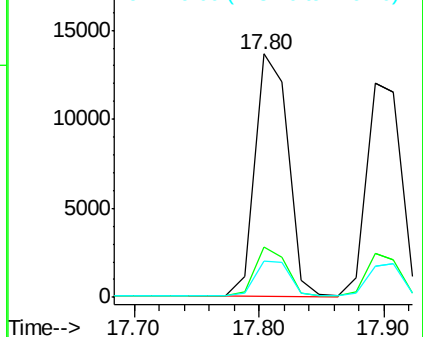
179 15.7 11.8 17.6



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: 0.404 ng

RT: 17.89 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

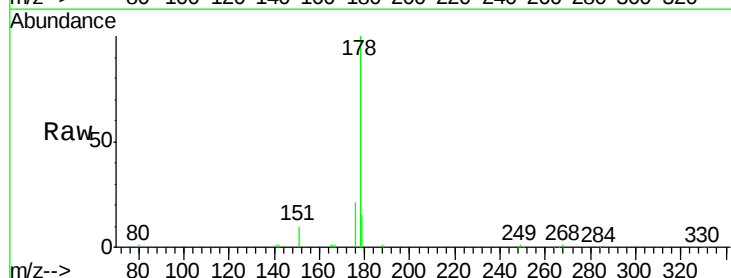
Tgt Ion:178 Resp: 26412

Ion Ratio Lower Upper

178 100

176 20.8 12.8 19.2#

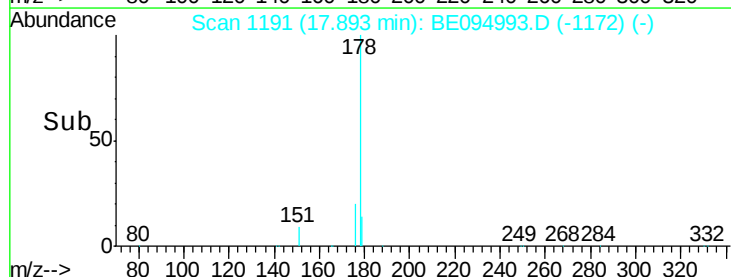
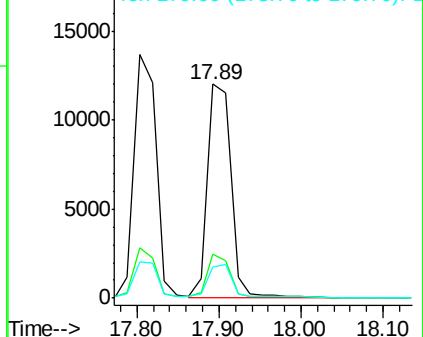
179 17.6 13.0 19.6

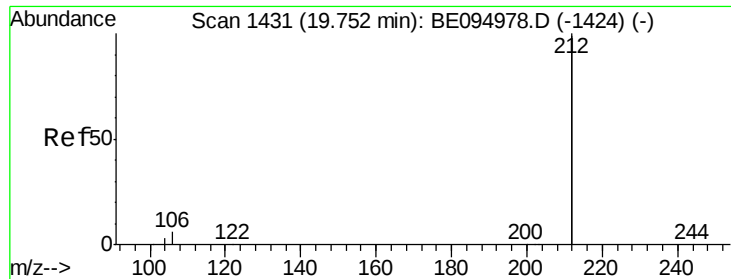


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.418 ng

RT: 19.75 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

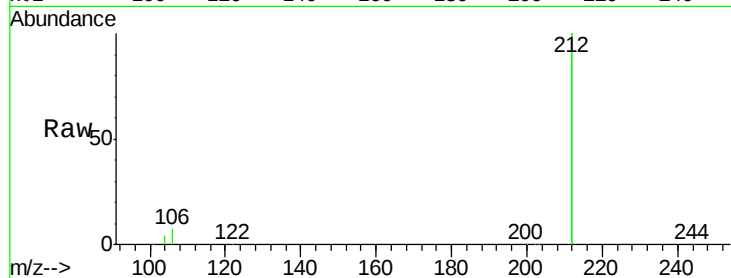
Tgt Ion:212 Resp: 111048

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

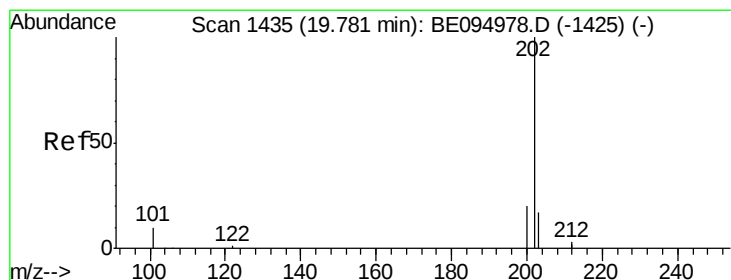
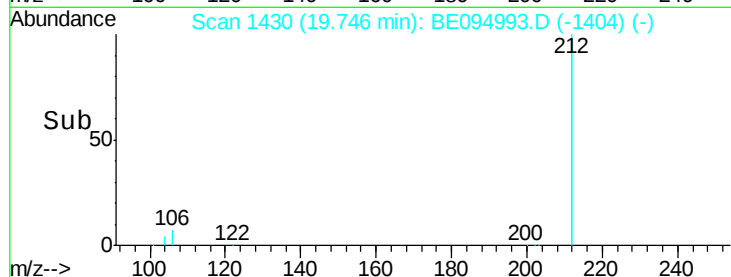
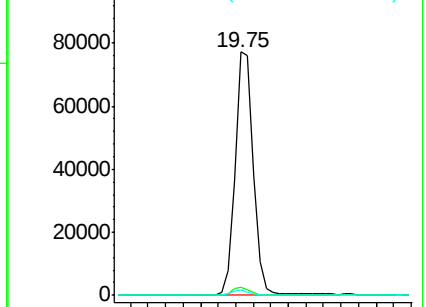
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.411 ng

RT: 19.78 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

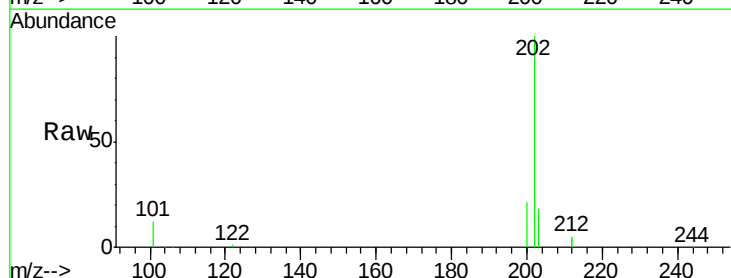
Tgt Ion:202 Resp: 32323

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

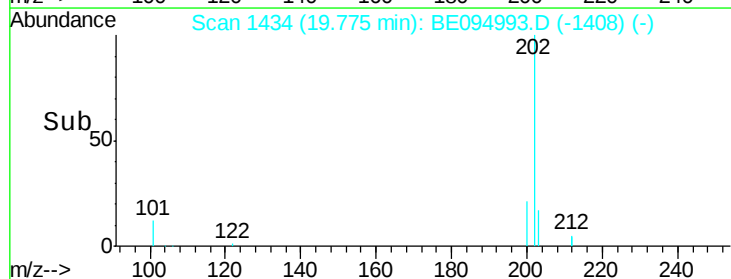
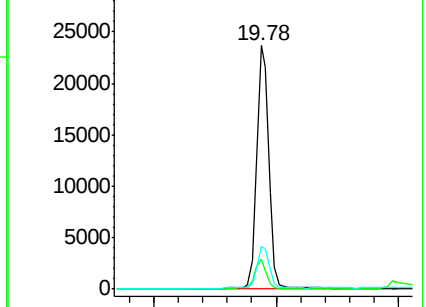
203 17.3 13.7 20.5

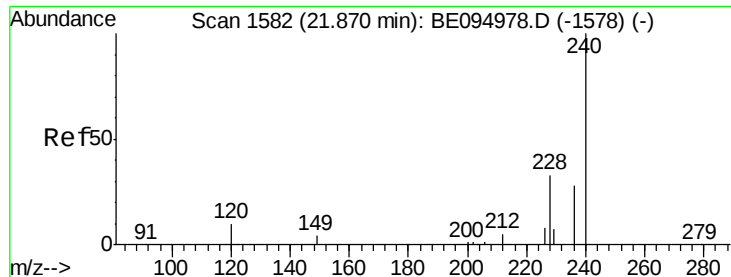


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

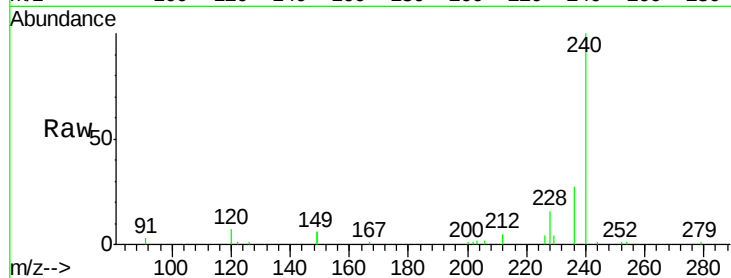
Tgt Ion:240 Resp: 24548

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

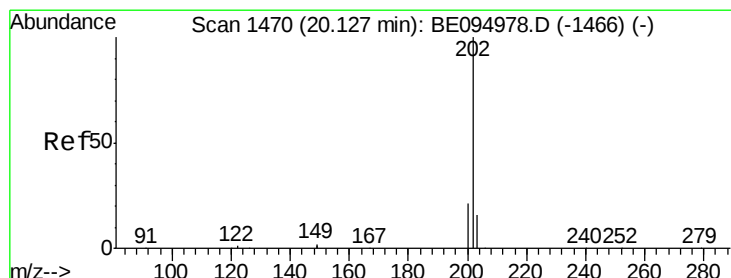
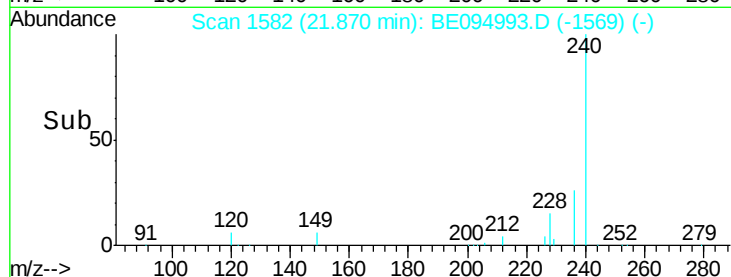
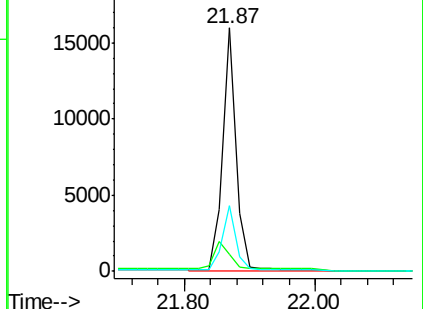
236 26.8 20.7 31.1



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: 0.404 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

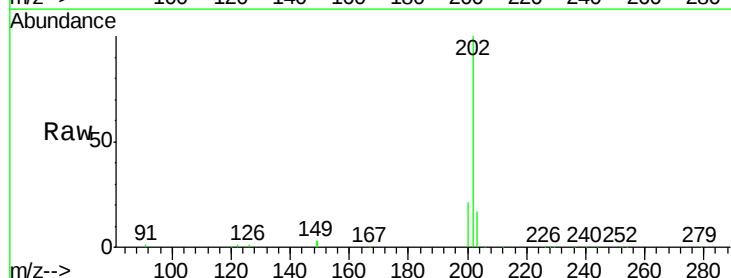
Tgt Ion:202 Resp: 33639

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

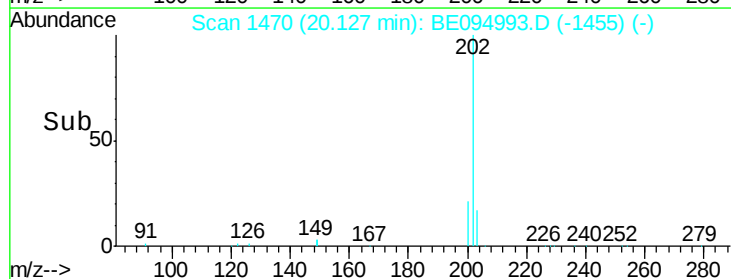
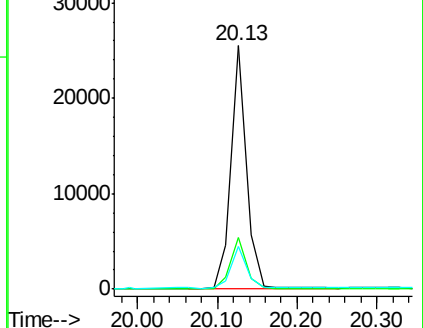
203 19.4 13.8 20.8

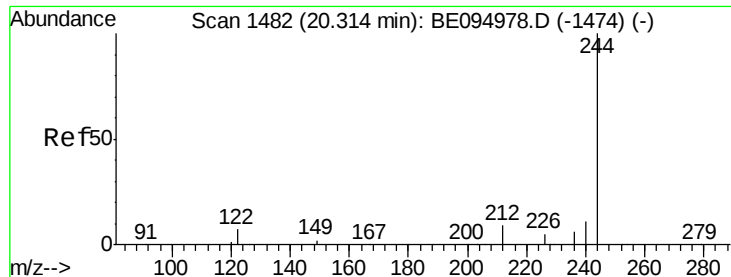


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

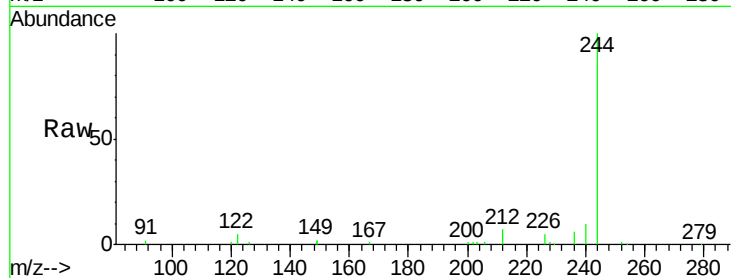
Tgt Ion:244 Resp: 18863

Ion Ratio Lower Upper

244 100

212 7.0 25.4 38.0#

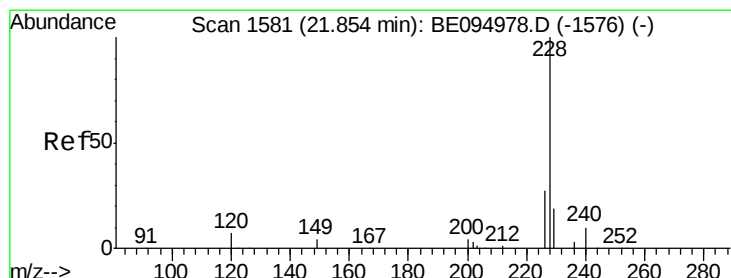
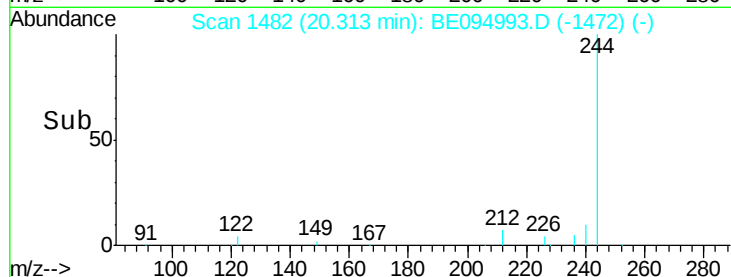
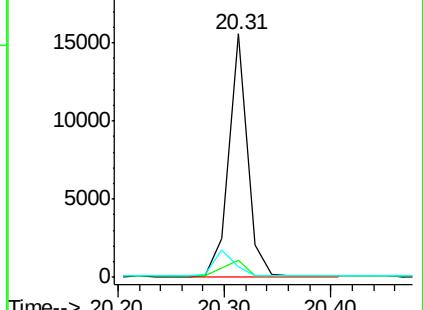
122 4.6 8.1 12.1#



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: 0.427 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

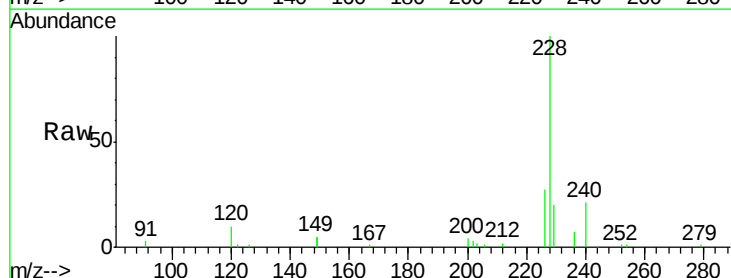
Tgt Ion:228 Resp: 30635

Ion Ratio Lower Upper

228 100

226 26.5 40.0 60.0#

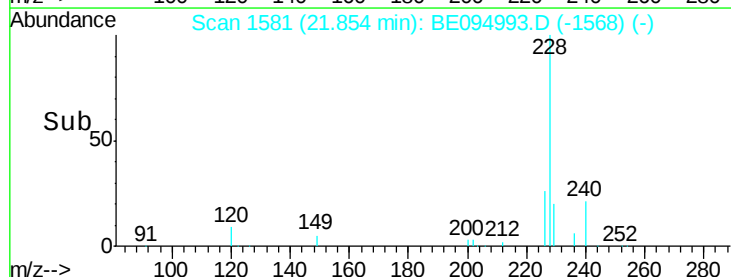
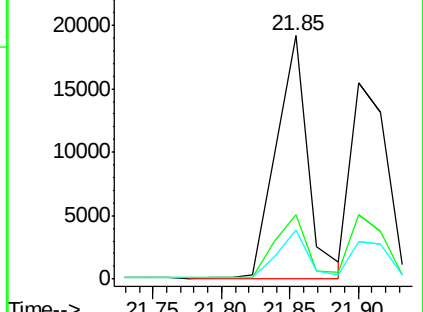
229 20.3 40.0 60.0#

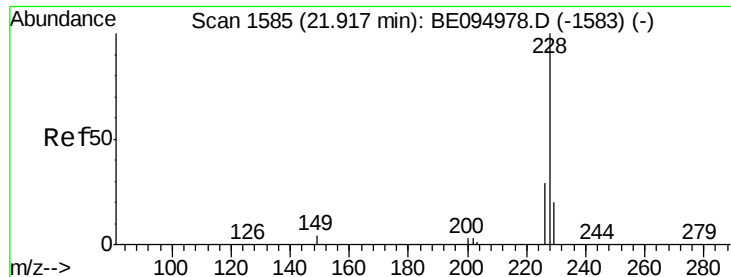


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.380 ng

RT: 21.90 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

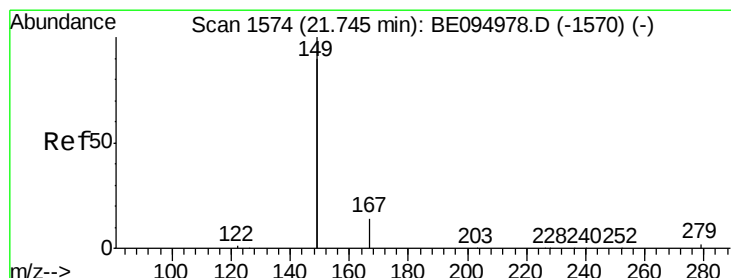
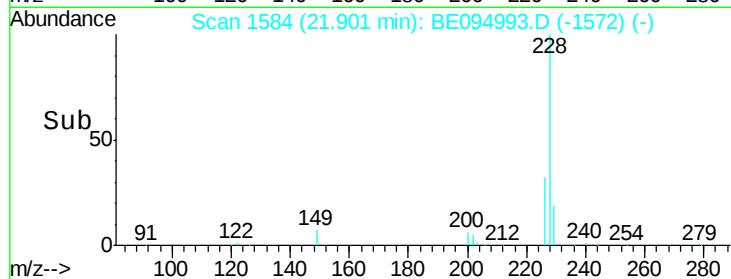
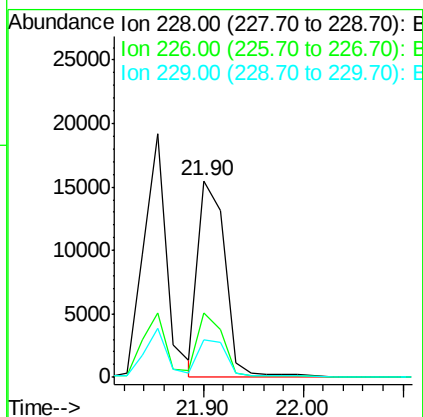
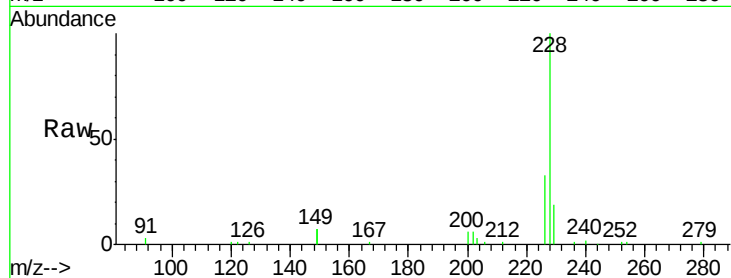
Tgt Ion:228 Resp: 30650

Ion Ratio Lower Upper

228 100

226 32.7 40.0 60.0#

229 19.3 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.690 ng

RT: 21.73 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

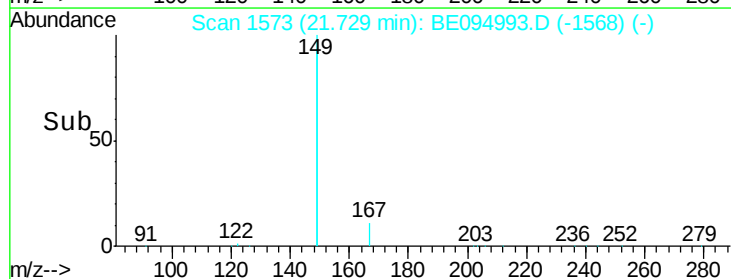
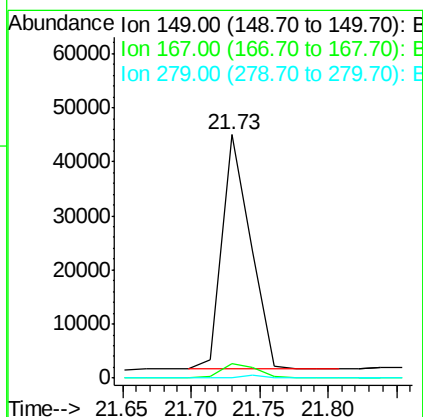
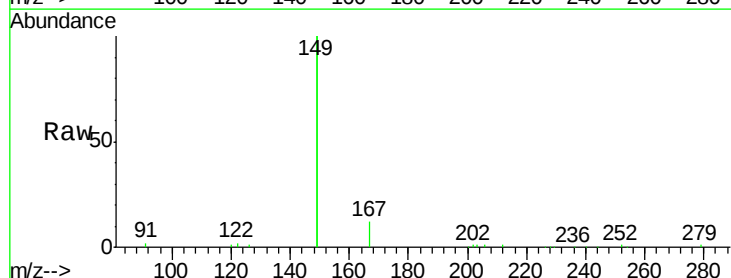
Tgt Ion:149 Resp: 63096

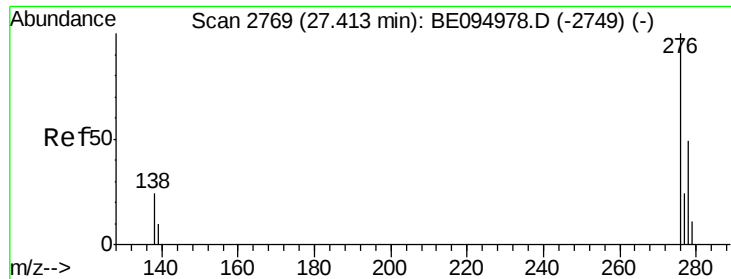
Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng

RT: 27.40 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

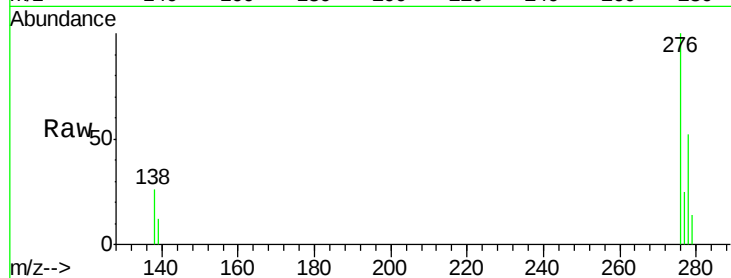
Tgt Ion:276 Resp: 27822

Ion Ratio Lower Upper

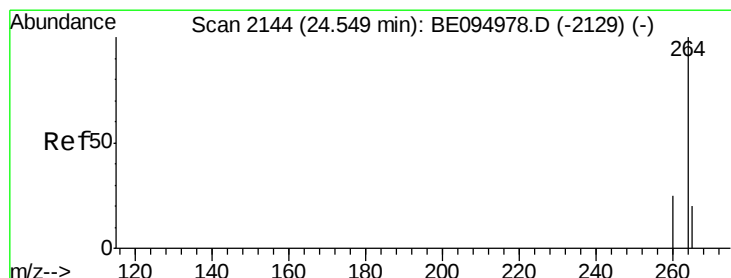
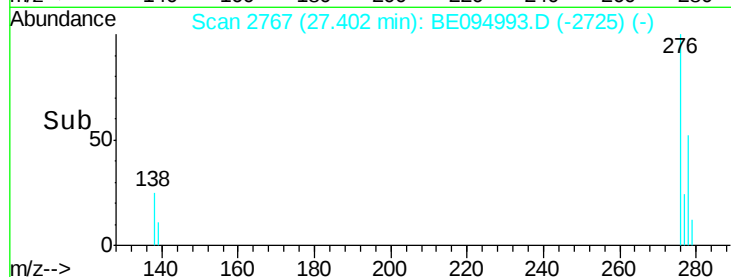
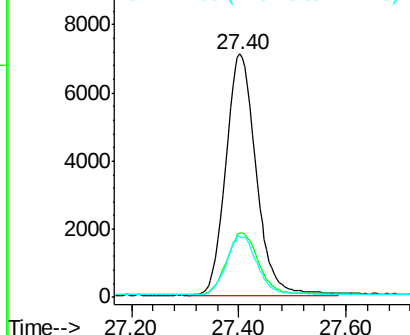
276 100

138 26.7 22.5 33.7

277 25.1 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: 24.54 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

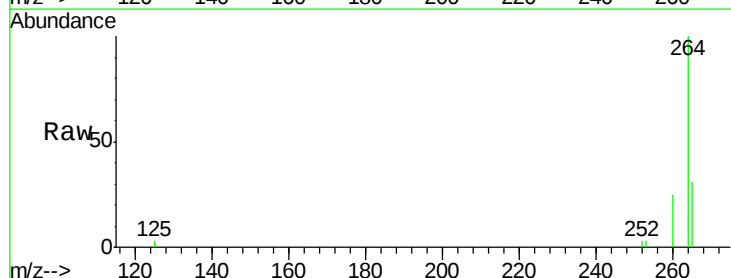
Tgt Ion:264 Resp: 19985

Ion Ratio Lower Upper

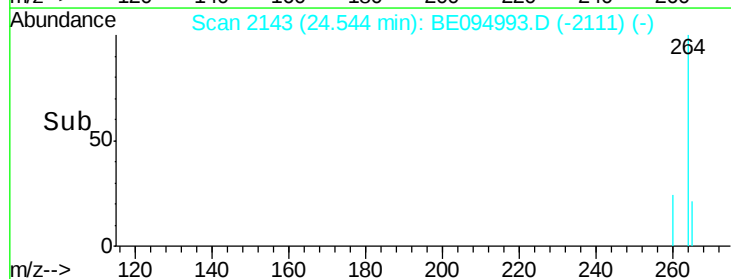
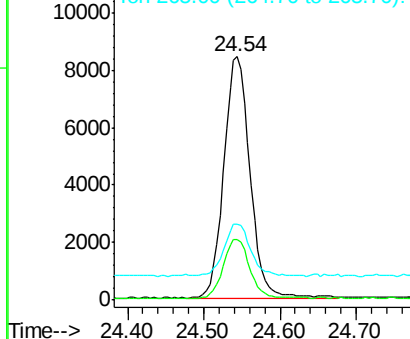
264 100

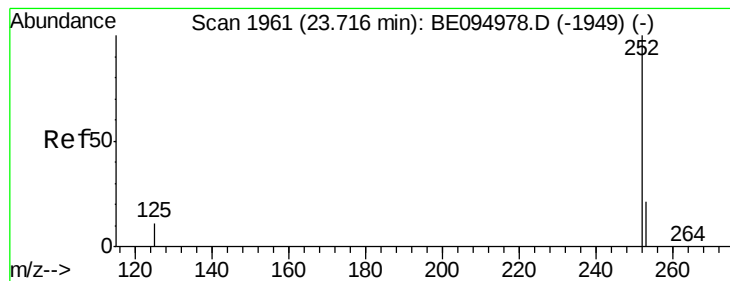
260 25.1 20.5 30.7

265 31.1 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: 0.370 ng

RT: 23.71 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

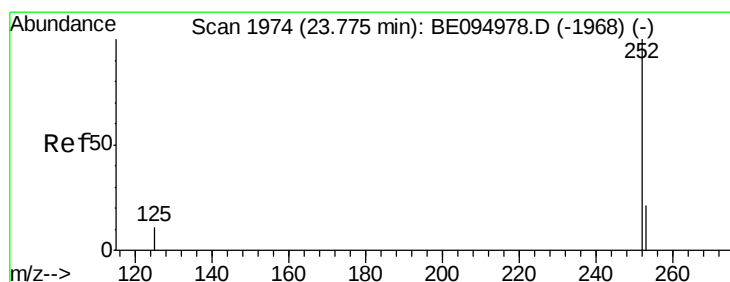
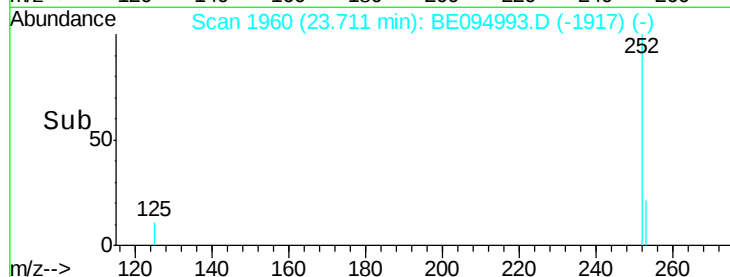
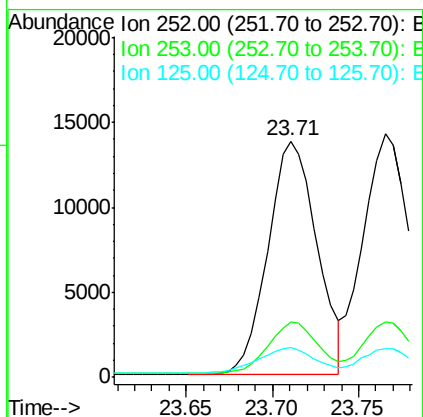
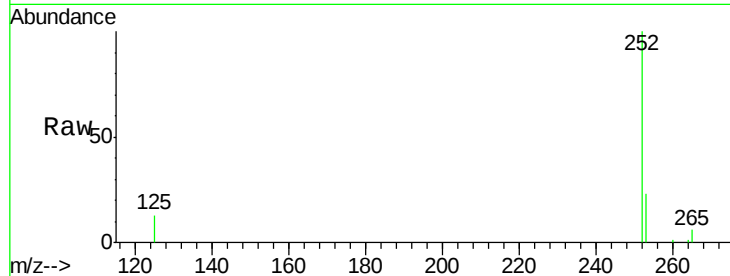
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	252	Resp:	27150
Ion Ratio		Lower	Upper
252	100		
253	23.2	20.0	30.0
125	12.8	16.0	24.0#



#36

Benzo(k)fluoranthene

Concen: 0.373 ng

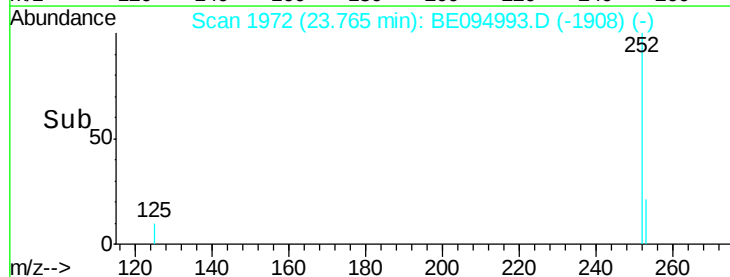
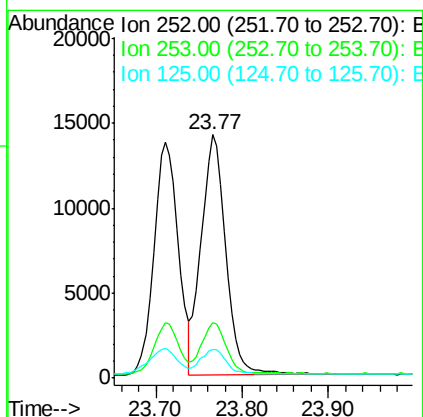
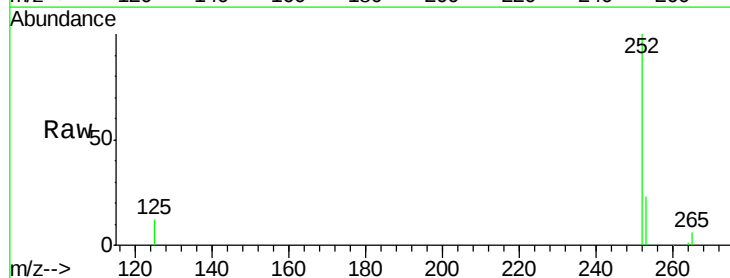
RT: 23.77 min Scan# 1972

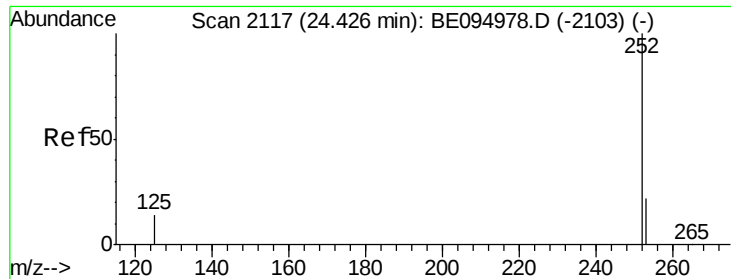
Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Tgt Ion:	252	Resp:	27763
Ion Ratio		Lower	Upper
252	100		
253	23.0	16.0	24.0
125	11.8	8.0	12.0





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 24.42 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

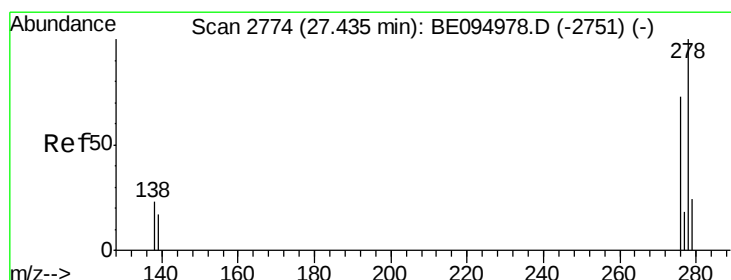
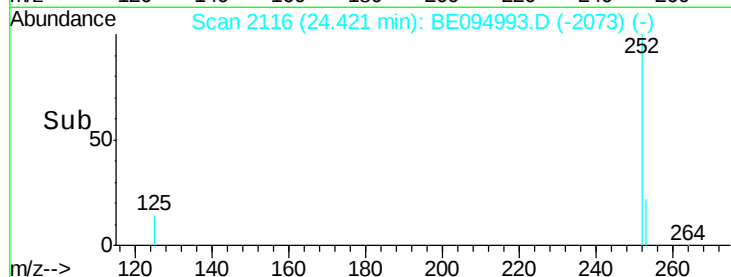
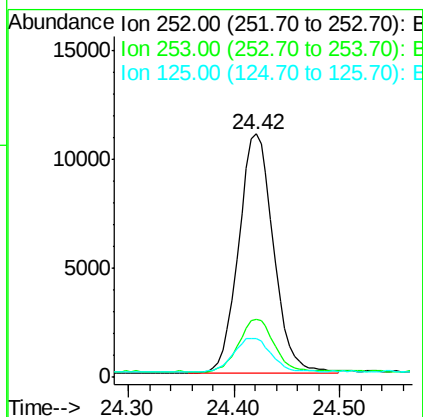
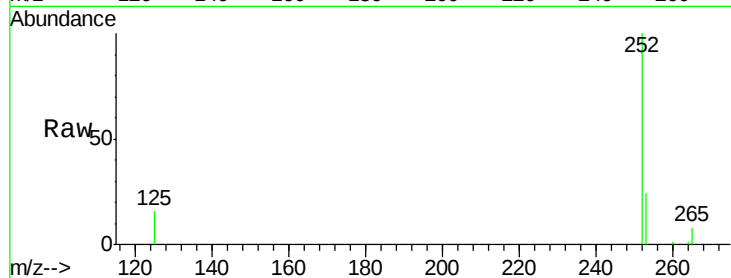
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	252	Resp:	25231
Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	16.0	12.0	18.0



#38

Dibenzo(a,h)anthracene

Concen: 0.383 ng

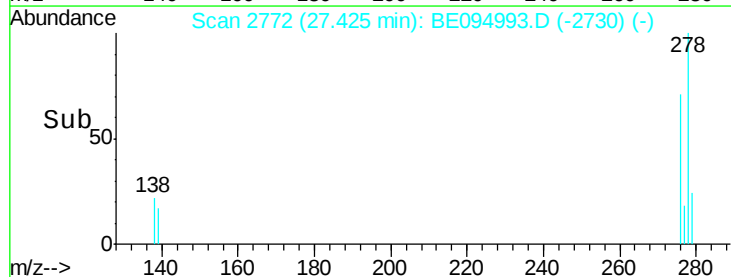
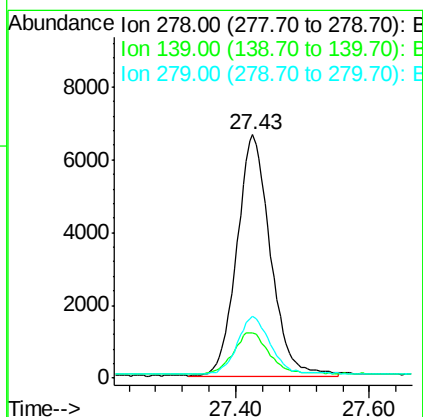
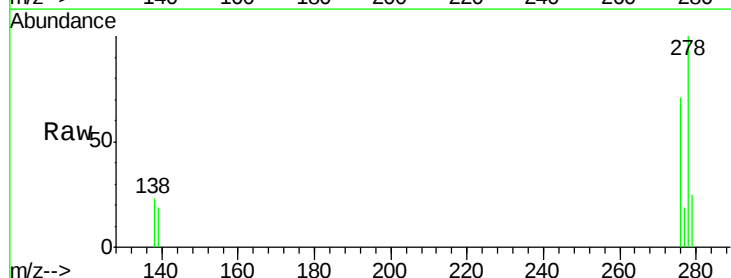
RT: 27.43 min Scan# 2772

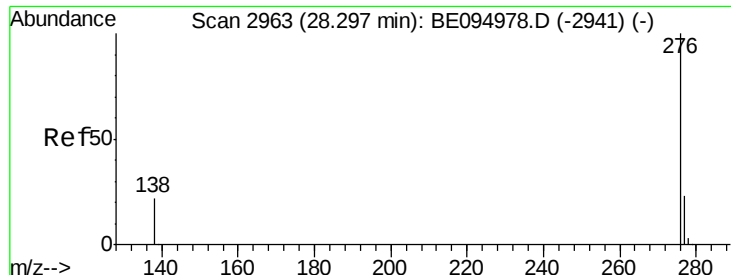
Delta R.T. -0.01 min

Lab File: BE094993.D

Acq: 15 Dec 2017 00:56

Tgt Ion:	278	Resp:	23117
Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.0	24.0
279	25.3	20.0	30.0





#39

Benzo(g,h,i)perylene

Concen: 0.378 ng

RT: 28.29 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BE094993.D

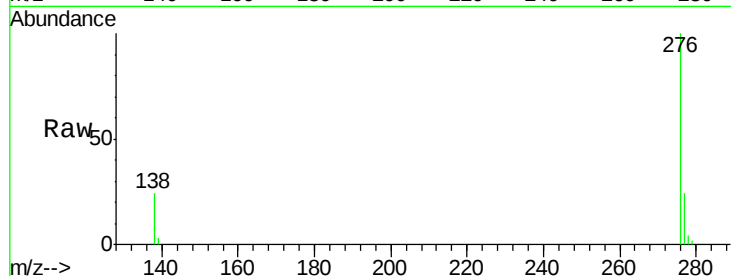
Acq: 15 Dec 2017 00:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 22746

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 23.8 20.0 30.0

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

