

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094103.D
 Acq On : 25 Sep 2017 15:32
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Sep 25 16:13:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 15:34:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1332	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6026	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3576	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13531	0.40	ng	0.00
27) Chrysene-d12	21.40	240	13519	0.40	ng	0.00
34) Perylene-d12	23.91	264	12936	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	3844	0.55	ng	0.00
5) Phenol-d6	7.09	99	5507	0.70	ng	0.00
8) Nitrobenzene-d5	9.06	82	4530	0.85	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	7480	0.73	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1473	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	9674	0.82	ng	0.00
25) Fluoranthene-d10	19.27	212	104916	0.60	ng	0.00
29) Terphenyl-d14	19.85	244	19054	0.90	ng	0.00

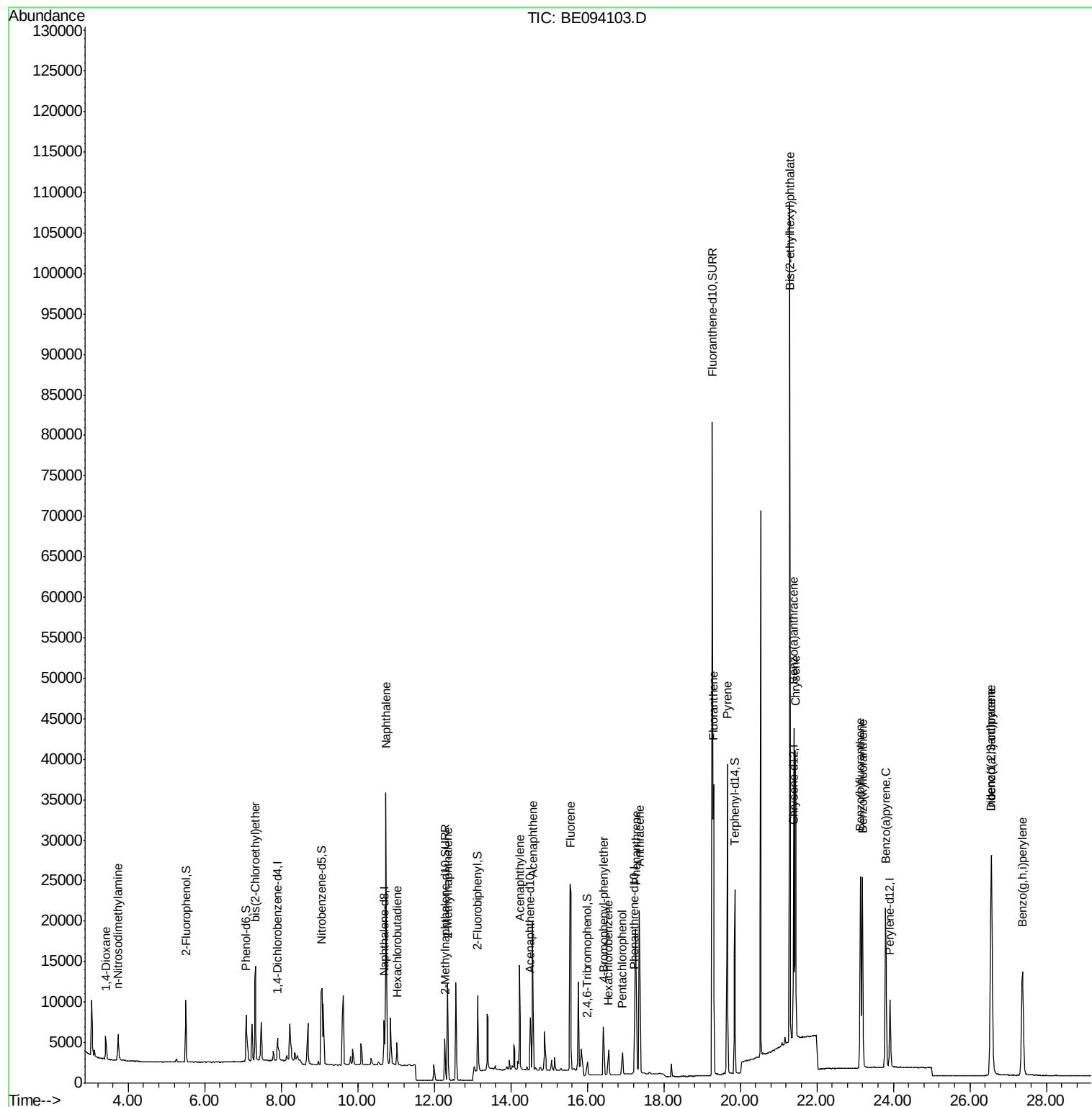
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	2001	0.720	ng	# 87
3) n-Nitrosodimethylamine	3.73	42	2351	0.683	ng	# 96
6) bis(2-Chloroethyl)ether	7.33	93	4248	0.722	ng	93
9) Naphthalene	10.74	128	54092	0.705	ng	99
10) Hexachlorobutadiene	11.02	225	2016	0.827	ng	97
12) 2-Methylnaphthalene	12.35	142	8822	0.725	ng	98
16) Acenaphthylene	14.23	152	14700	0.817	ng	100
17) Acenaphthene	14.57	154	9251	0.775	ng	98
18) Fluorene	15.56	166	12586	0.708	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	4295	0.594	ng	# 82
21) Hexachlorobenzene	16.55	284	2658	0.501	ng	# 74
22) Pentachlorophenol	16.91	266	2591	6.853	ng	# 71
23) Phenanthrene	17.27	178	26935	0.556	ng	97
24) Anthracene	17.37	178	30128	0.806	ng	97
26) Fluoranthene	19.30	202	31742	0.610	ng	100
28) Pyrene	19.66	202	33951	0.908	ng	100
30) Benzo(a)anthracene	21.39	228	36735	0.811	ng	98
31) Chrysene	21.44	228	35322	0.796	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	107740	0.886	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	35999	1.050	ng	100
35) Benzo(b)fluoranthene	23.14	252	34253	0.732	ng	99
36) Benzo(k)fluoranthene	23.19	252	34144	0.727	ng	99
37) Benzo(a)pyrene	23.80	252	32871	0.782	ng	99
38) Dibenzo(a,h)anthracene	26.57	278	30804	0.915	ng	100
39) Benzo(g,h,i)perylene	27.37	276	30775	0.915	ng	97

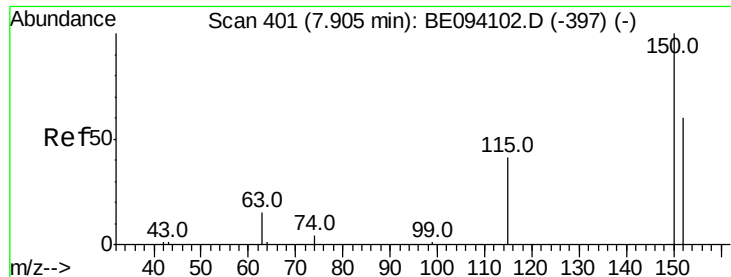
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

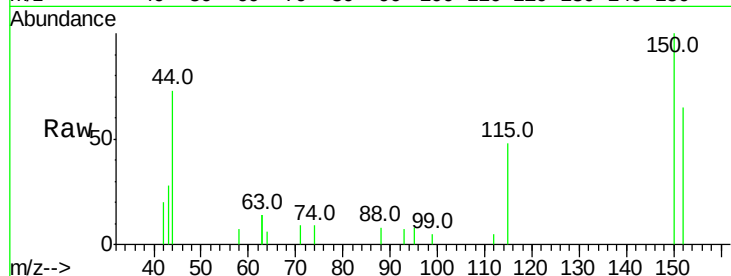
Tot Ion:152 Resp: 1332

Ion Ratio Lower Upper

152 100

150 153.6 117.2 175.8

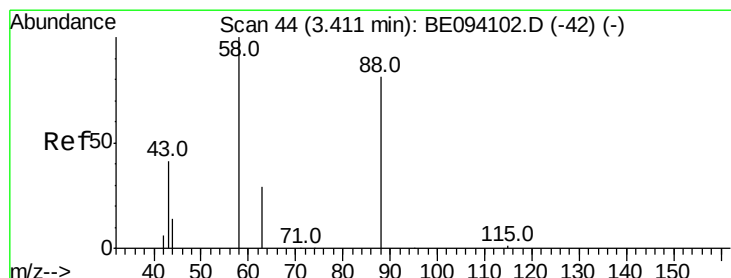
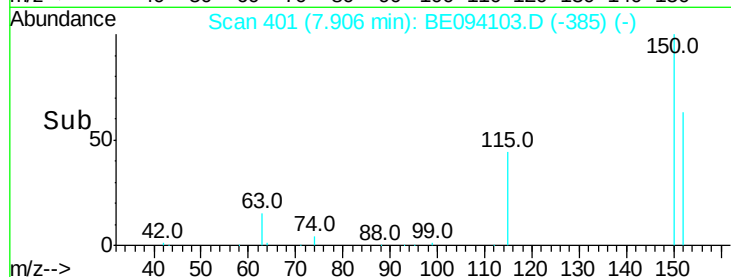
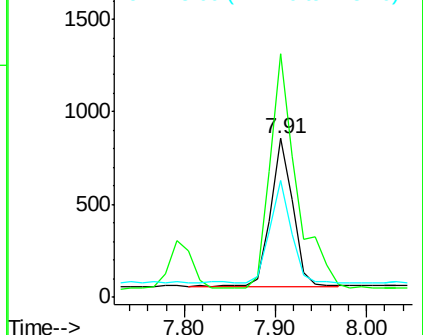
115 73.7 57.0 85.6



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: 0.720 ng

RT: 3.41 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

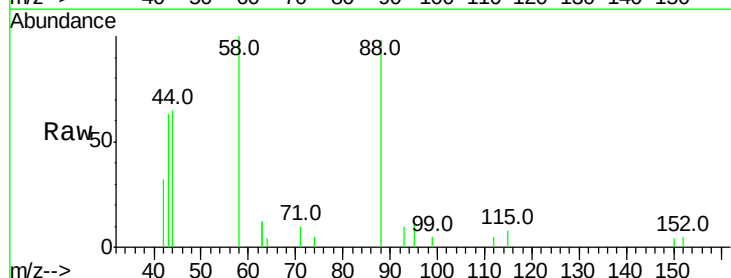
Tgt Ion: 88 Resp: 2001

Ion Ratio Lower Upper

88 100

58 85.8 63.2 94.8

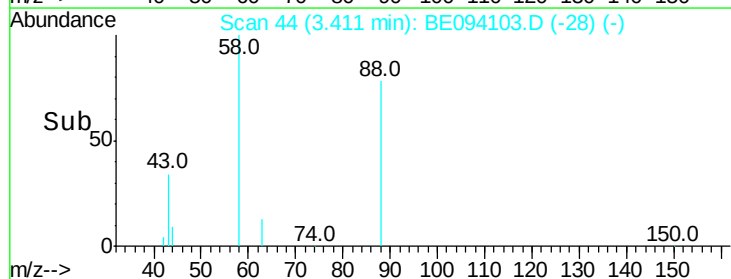
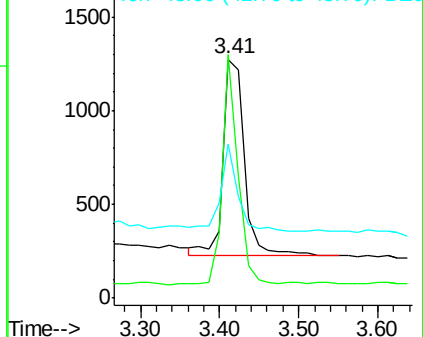
43 36.1 41.2 61.8#

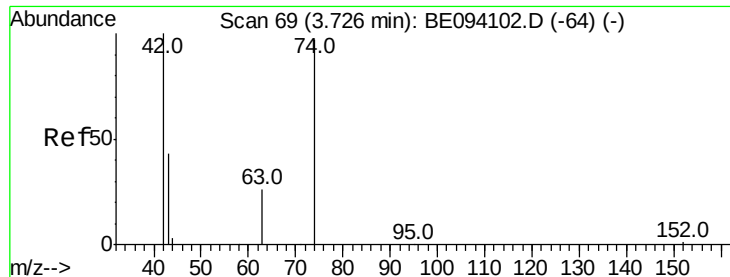


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.683 ng

RT: 3.73 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

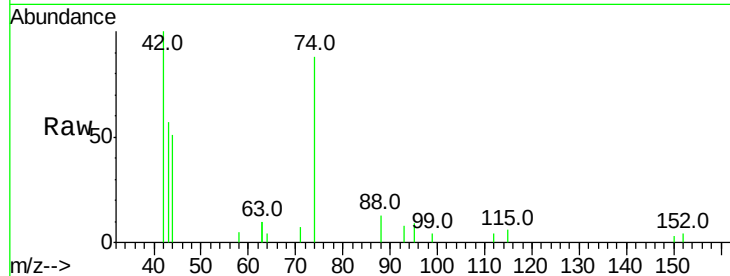
Tot Ion: 42 Resp: 2351

Ion Ratio Lower Upper

42 100

74 125.3 100.3 150.5

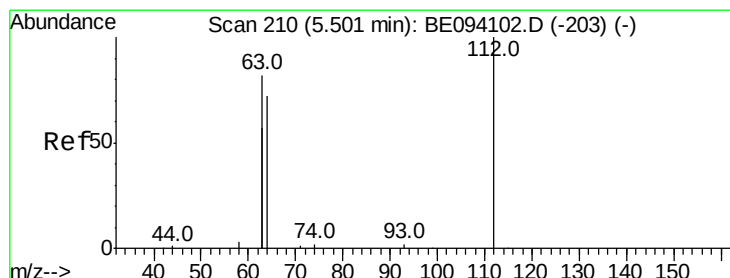
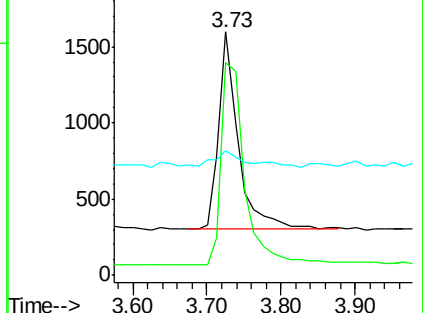
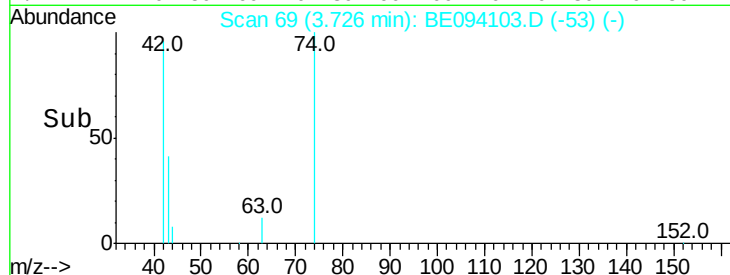
44 9.0 17.0 25.4#



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: 0.550 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

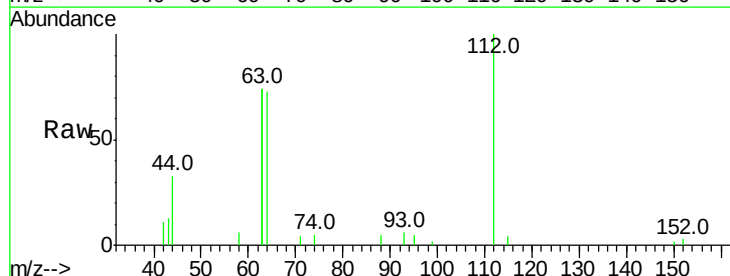
Tgt Ion: 112 Resp: 3844

Ion Ratio Lower Upper

112 100

64 75.8 60.1 90.1

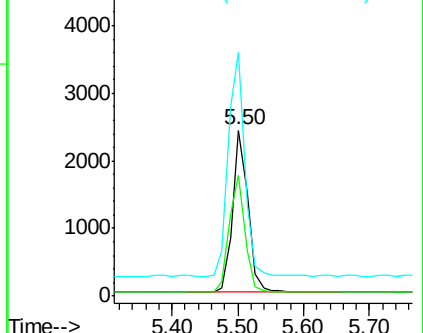
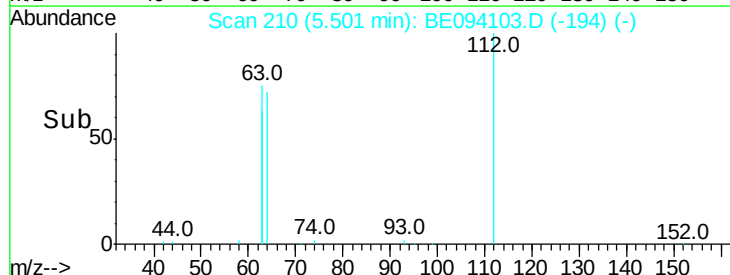
63 147.3 116.8 175.2

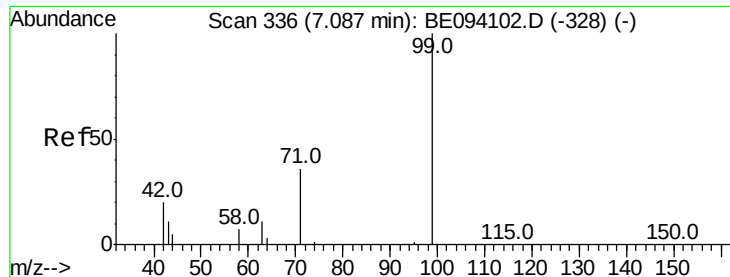


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.699 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

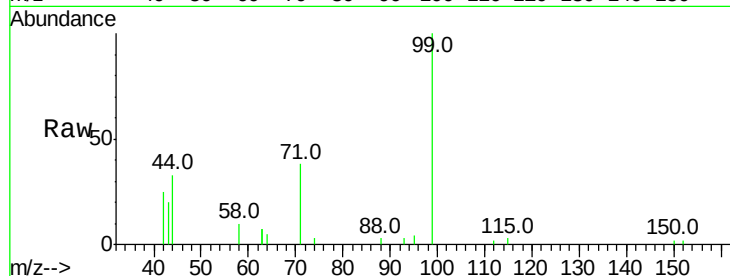
Tot Ion: 99 Resp: 5507

Ion Ratio Lower Upper

99 100

42 22.5 20.2 30.2

71 36.4 28.4 42.6

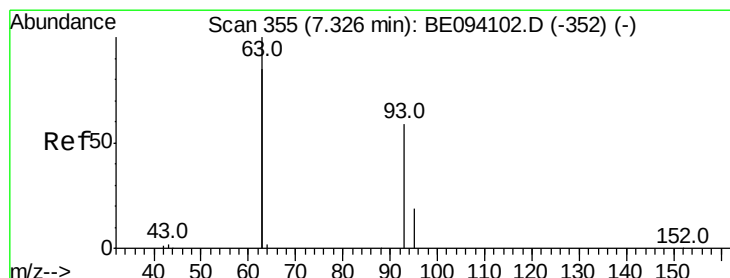
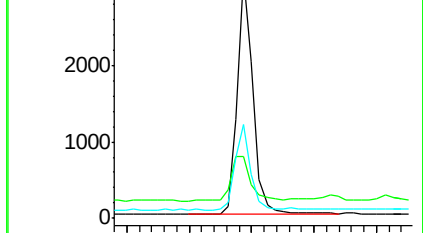
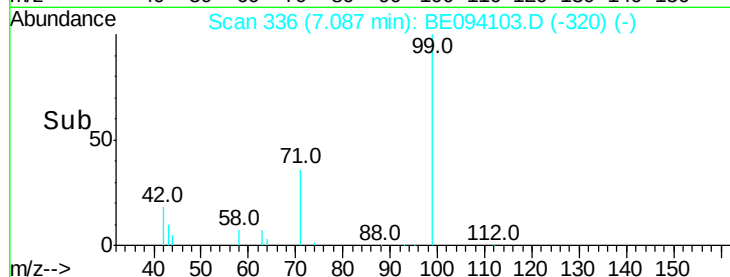


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.722 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

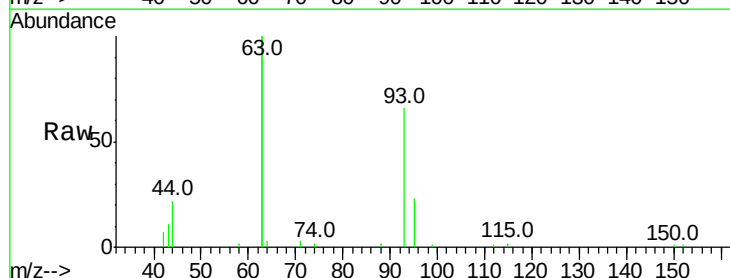
Tgt Ion: 93 Resp: 4248

Ion Ratio Lower Upper

93 100

63 360.3 275.3 412.9

95 32.9 25.2 37.8

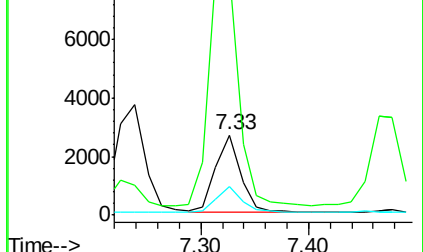
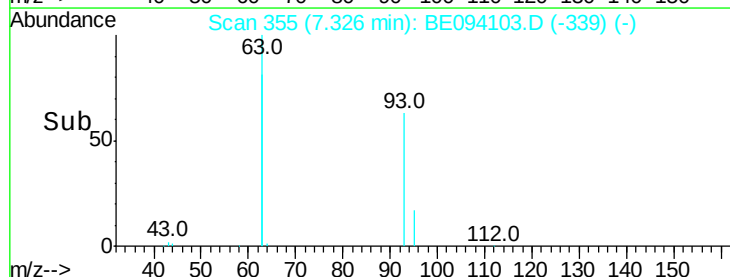


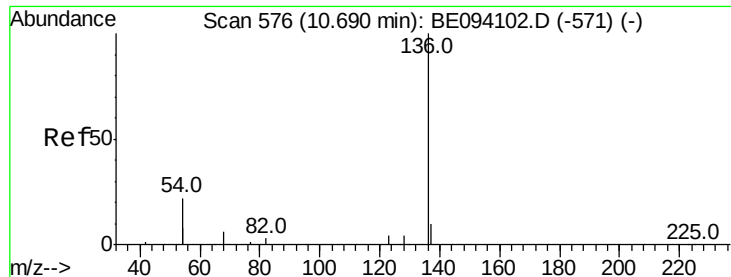
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 6026

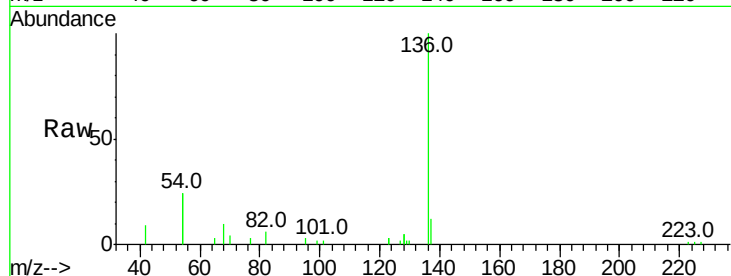
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 47.6 29.1 43.7#

68 9.6 6.2 9.2#

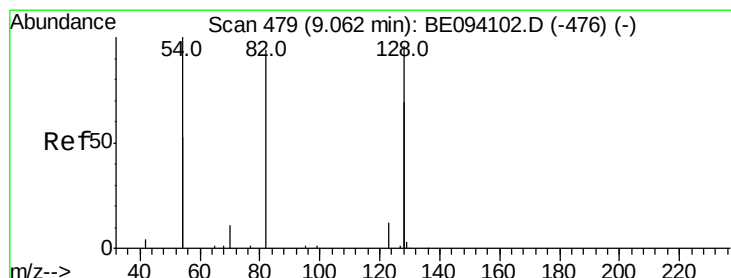
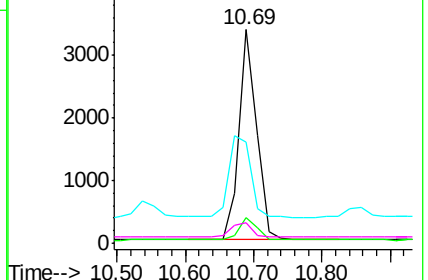
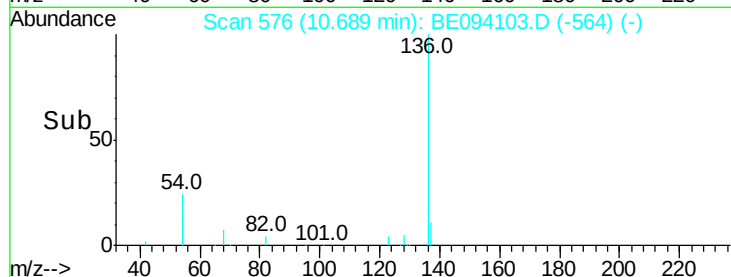


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.845 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

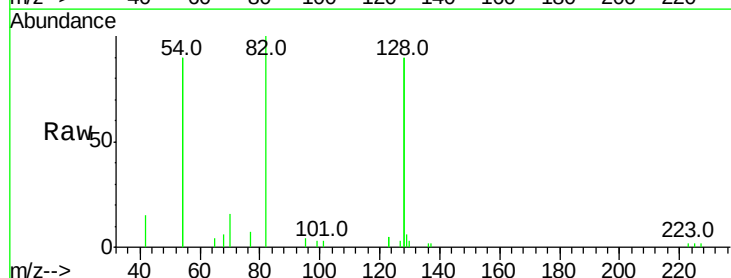
Tgt Ion: 82 Resp: 4530

Ion Ratio Lower Upper

82 100

128 179.4 150.0 225.0

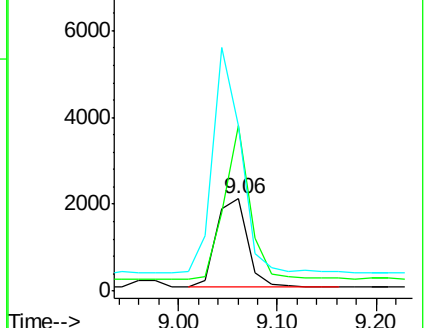
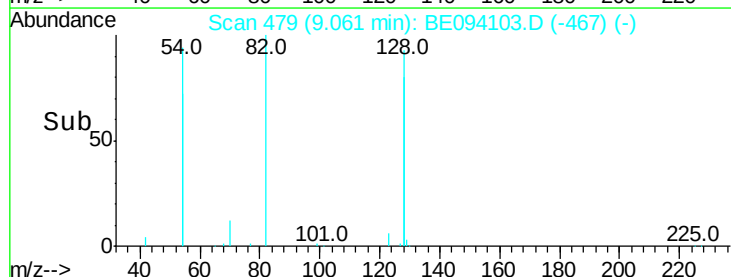
54 179.8 154.2 231.4

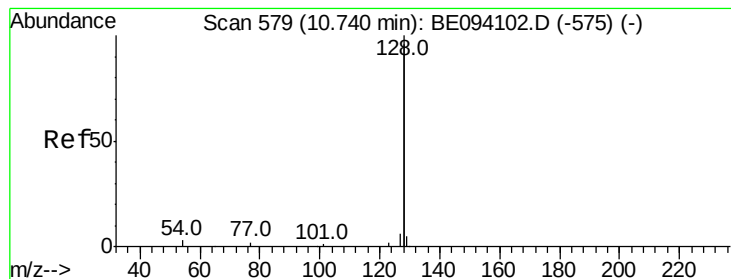


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.705 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

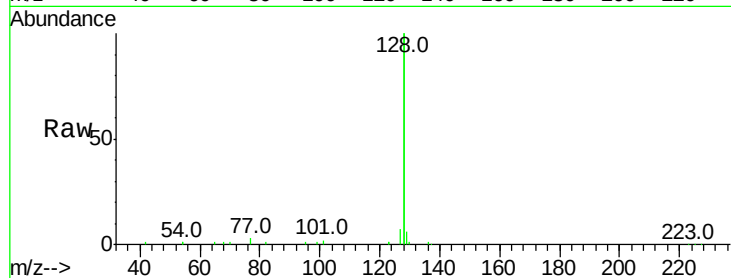
Tot Ion:128 Resp: 54092

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

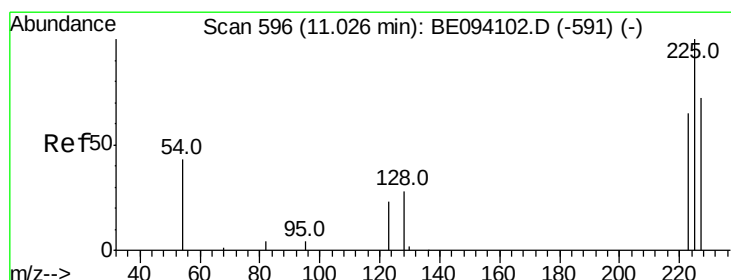
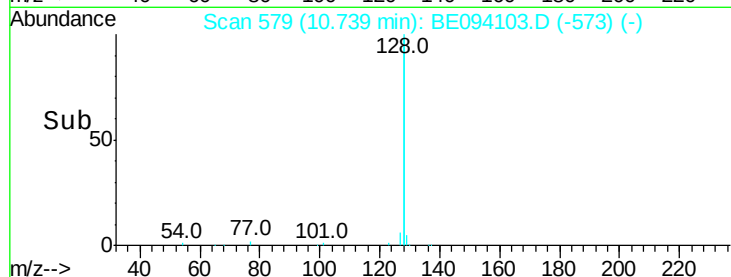
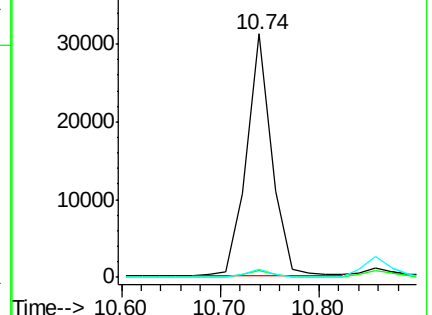
127 3.4 2.8 4.2



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: 0.827 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

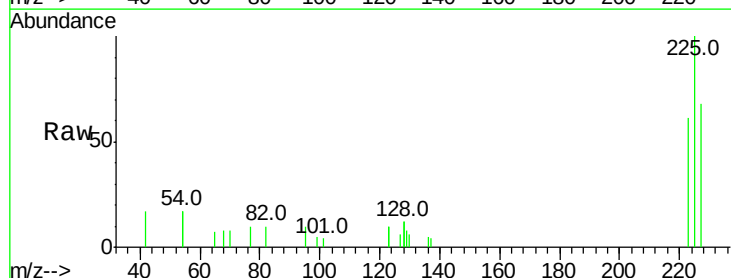
Tgt Ion:225 Resp: 2016

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

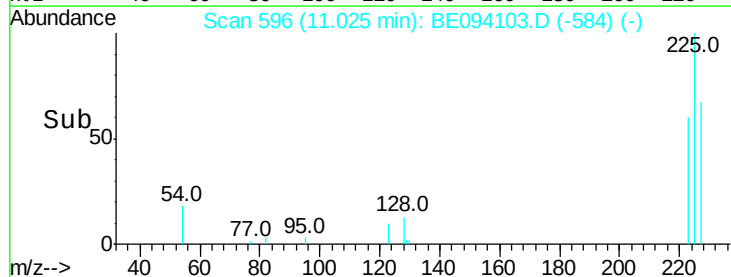
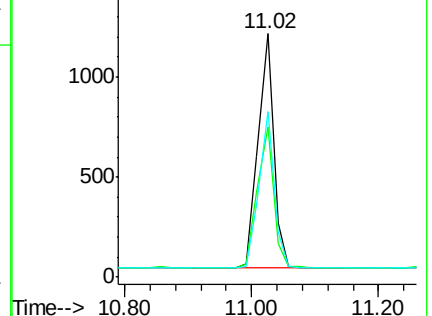
227 64.6 51.4 77.2

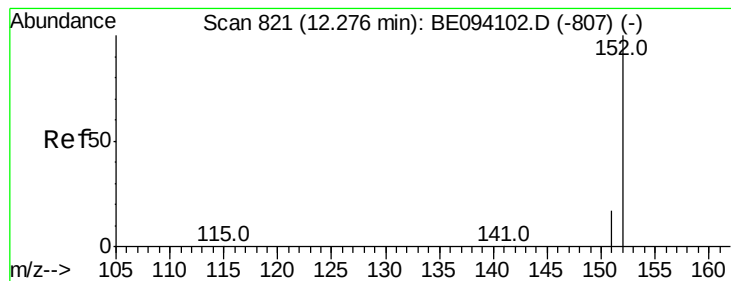


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.733 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

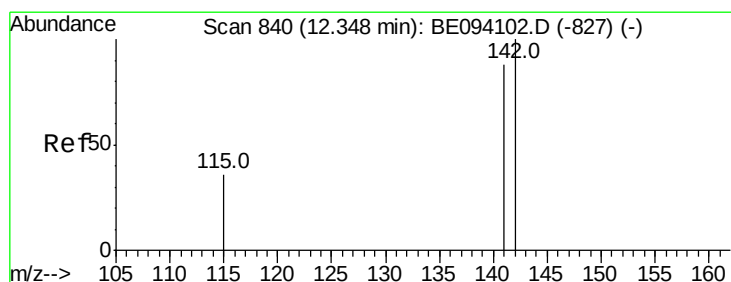
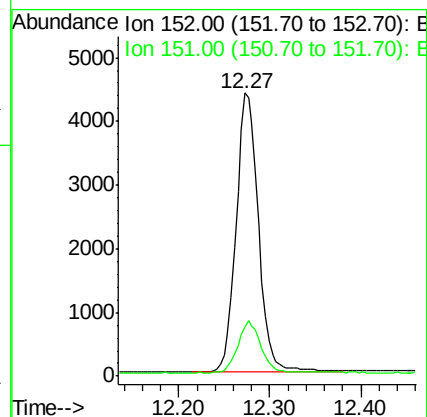
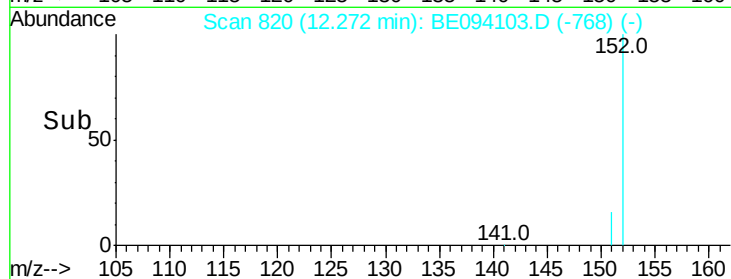
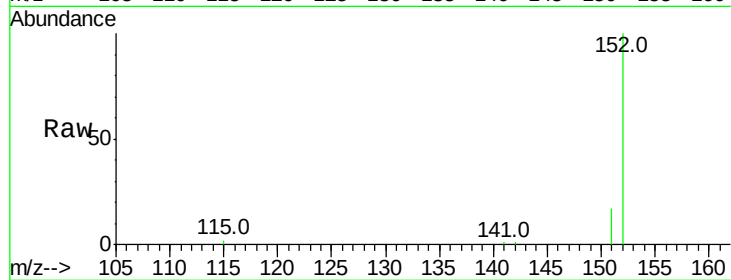
SSTDIC0.8

Tot Ion:152 Resp: 7480

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.725 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

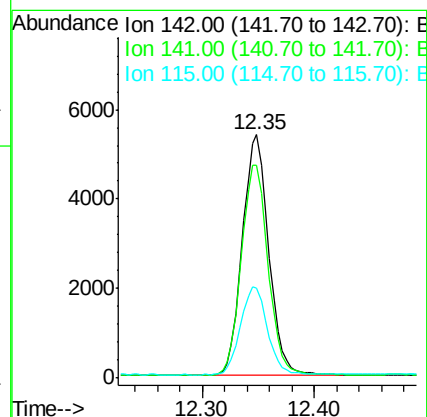
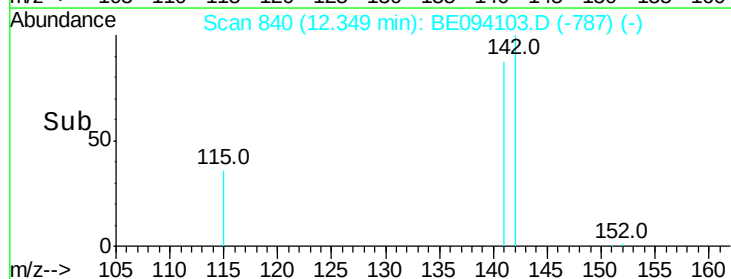
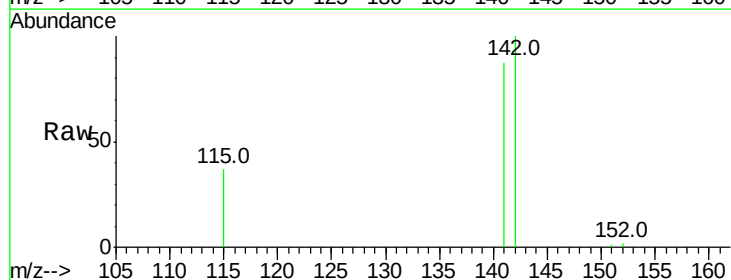
Tgt Ion:142 Resp: 8822

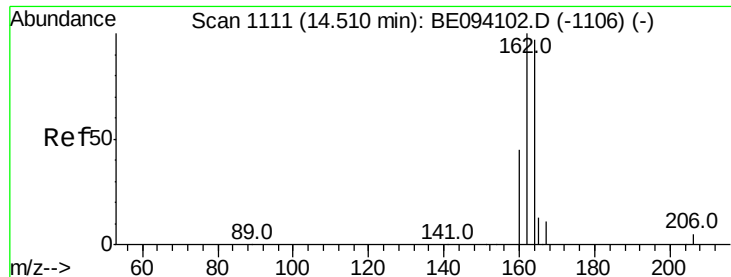
Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6

115 36.8 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

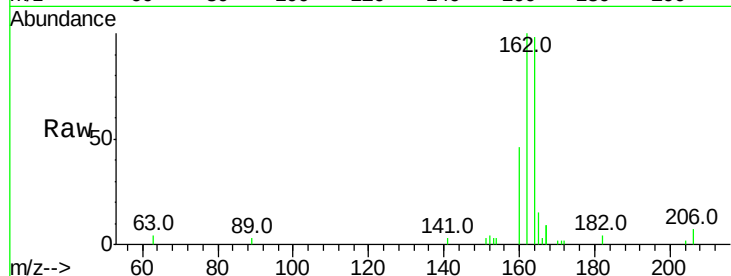
Tot Ion:164 Resp: 3576

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

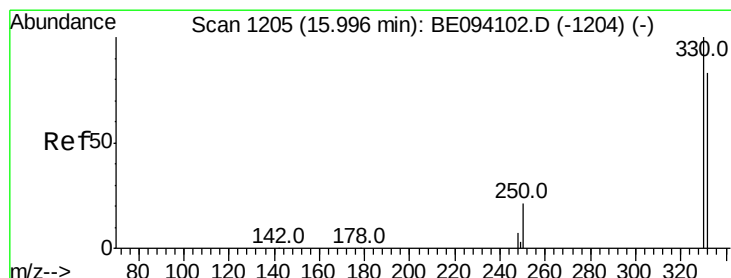
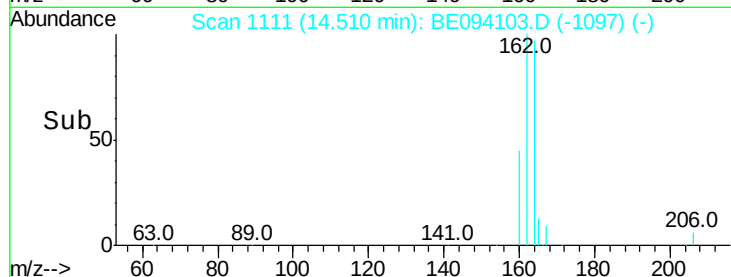
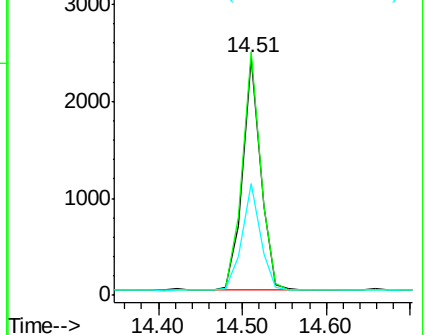
160 47.3 37.1 55.7



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: 0.543 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

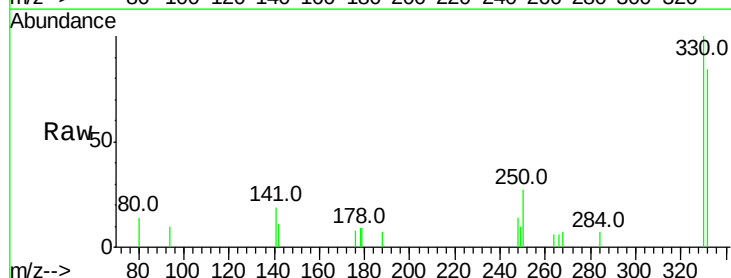
Tgt Ion:330 Resp: 1473

Ion Ratio Lower Upper

330 100

332 85.6 152.7 229.1#

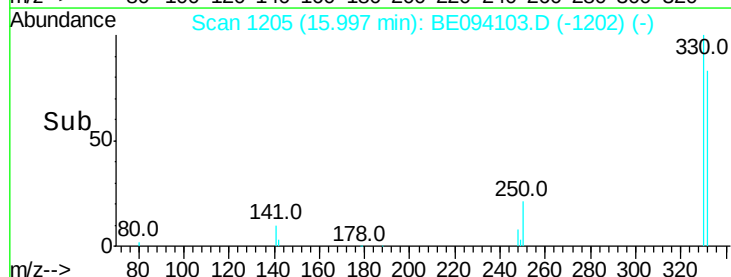
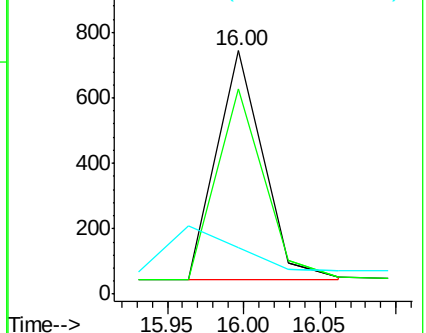
141 0.0 33.7 50.5#

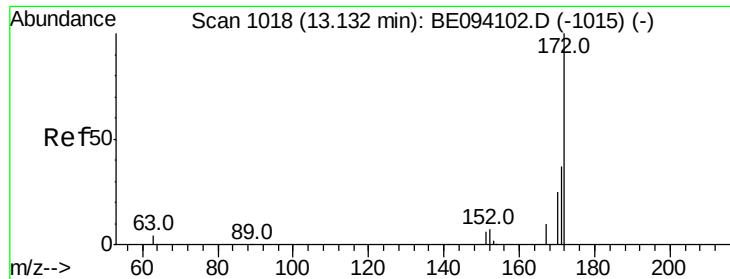


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

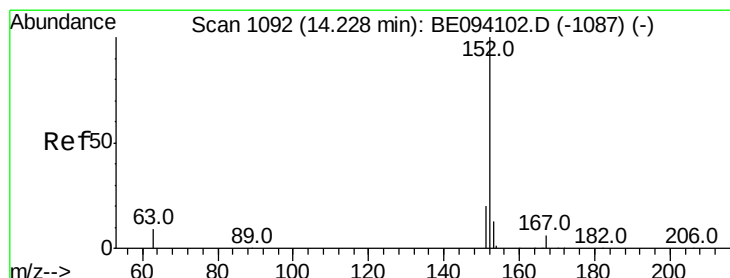
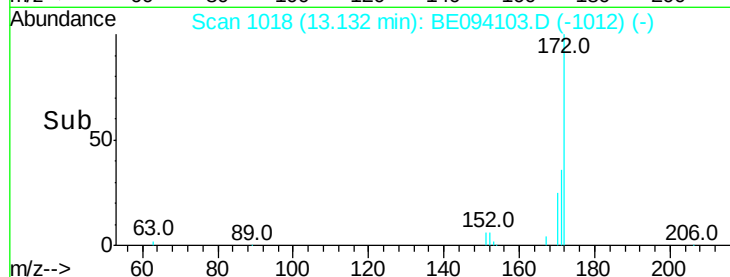
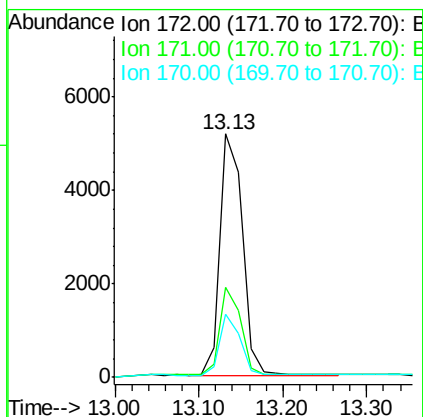
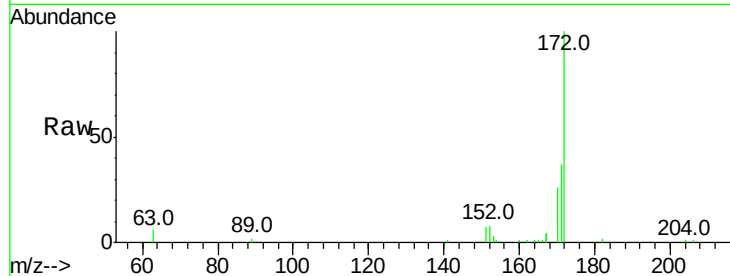




#15
2-Fluorobiphenyl
Concen: 0.823 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094103.D
Acq: 25 Sep 2017 15:32

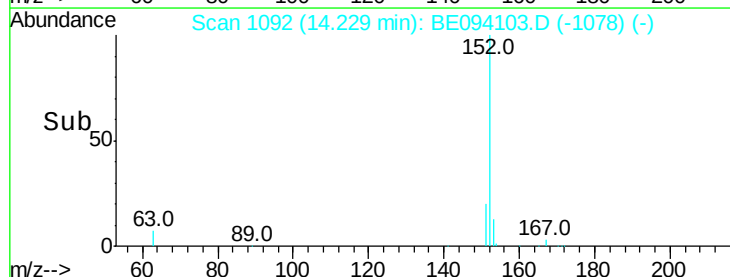
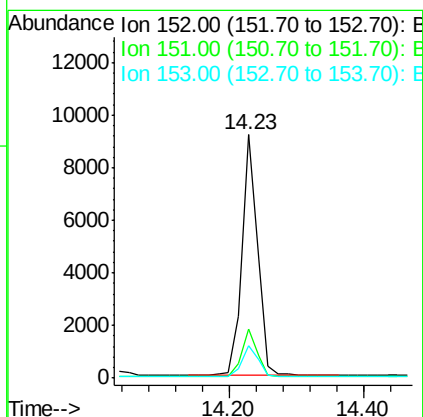
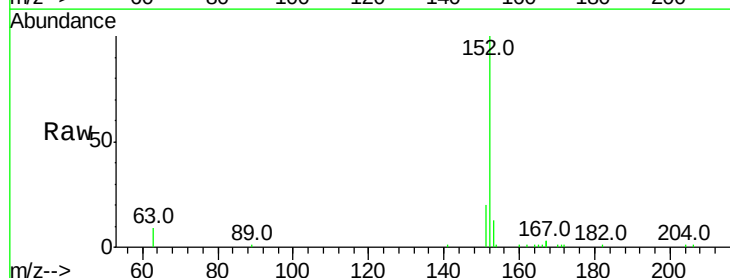
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

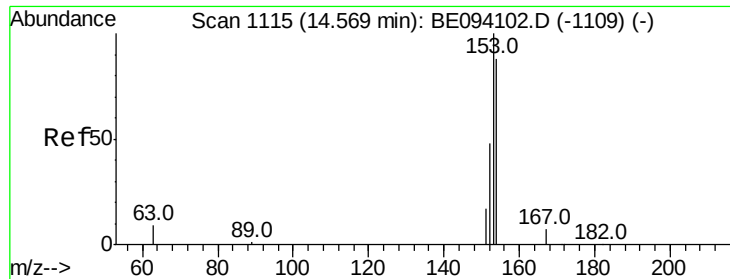
Tot Ion:172 Resp: 9674
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 25.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.817 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094103.D
Acq: 25 Sep 2017 15:32

Tgt Ion:152 Resp: 14700
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.1 10.5 15.7

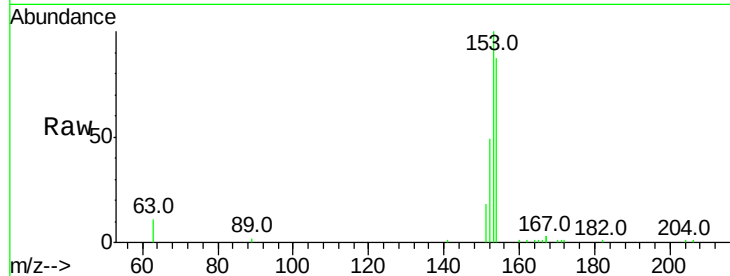




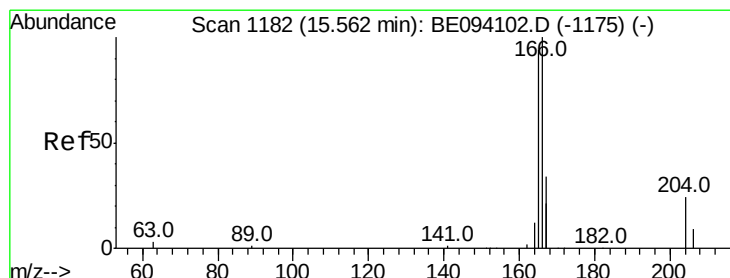
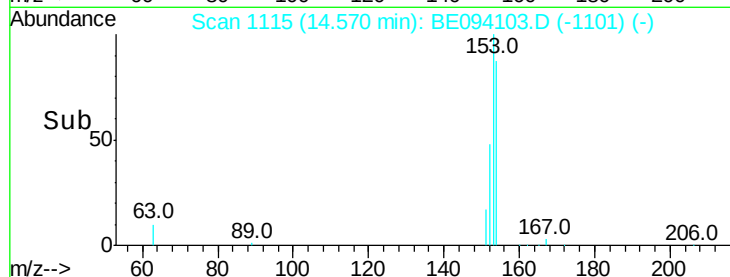
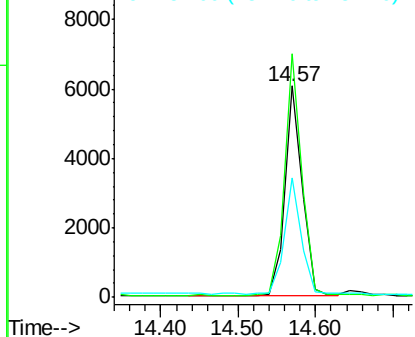
#17
Acenaphthene
Concen: 0.775 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094103.D
Acq: 25 Sep 2017 15:32

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:154 Resp: 9251
Ion Ratio Lower Upper
154 100
153 113.8 89.2 133.8
152 54.2 42.0 63.0

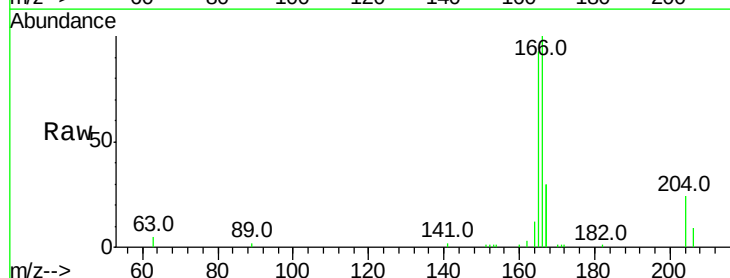


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

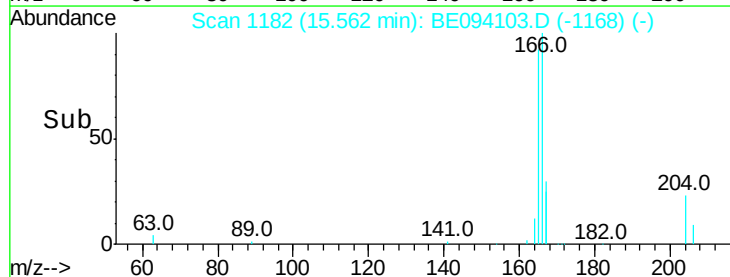
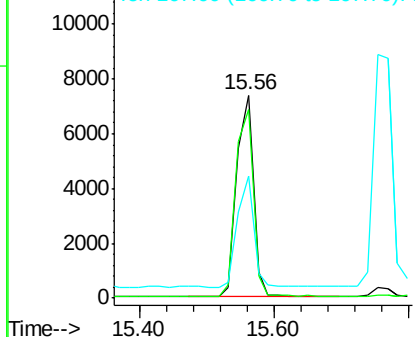


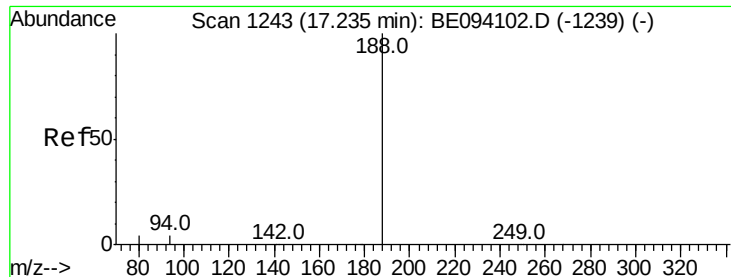
#18
Fluorene
Concen: 0.708 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094103.D
Acq: 25 Sep 2017 15:32

Tgt Ion:166 Resp: 12586
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.6
167 54.2 42.4 63.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

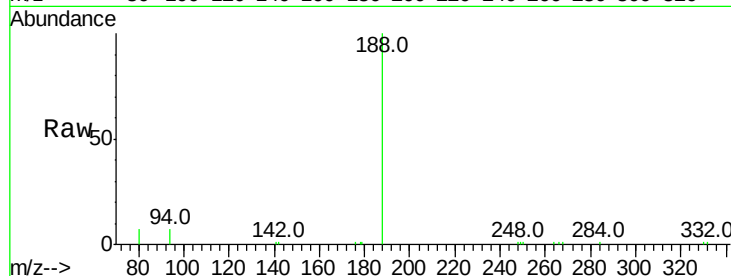
Tot Ion:188 Resp: 13531

Ion Ratio Lower Upper

188 100

94 6.8 3.9 5.9#

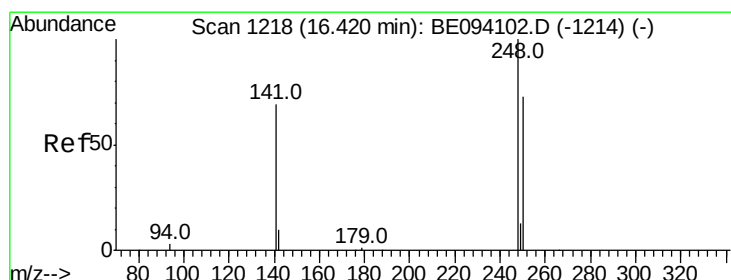
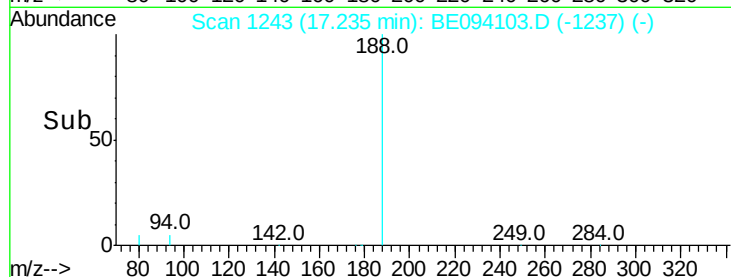
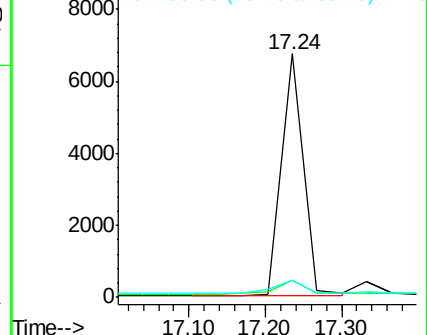
80 6.8 3.6 5.4#



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: 0.594 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

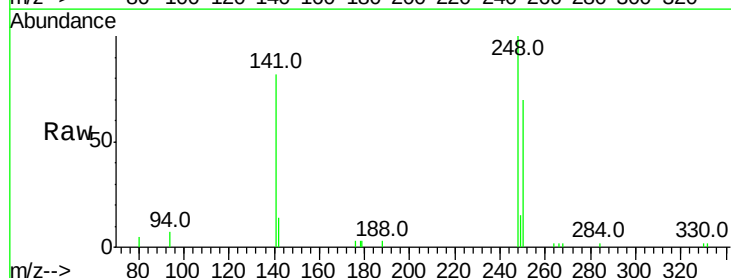
Tgt Ion:248 Resp: 4295

Ion Ratio Lower Upper

248 100

250 69.5 62.7 94.1

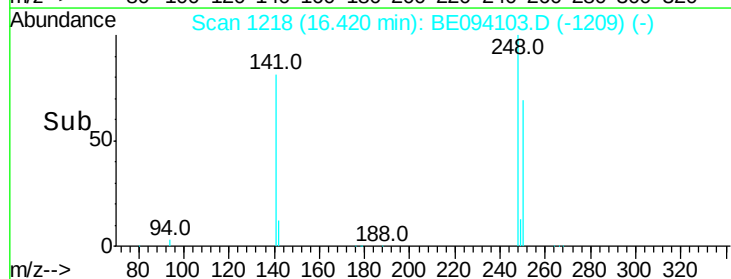
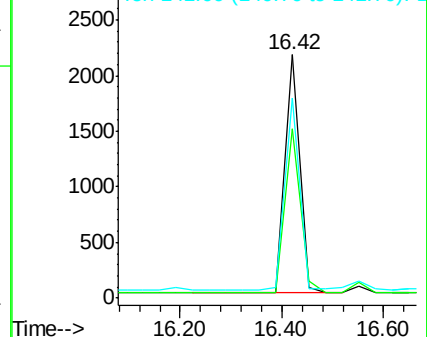
141 82.1 48.2 72.2#

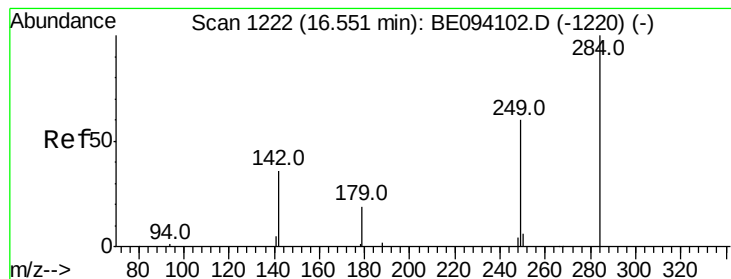


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.501 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

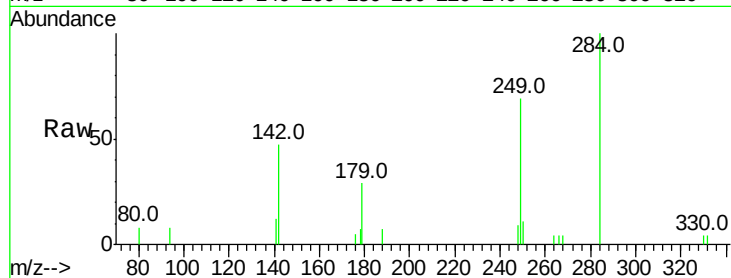
Tot Ion:284 Resp: 2658

Ion Ratio Lower Upper

284 100

142 42.4 22.1 33.1#

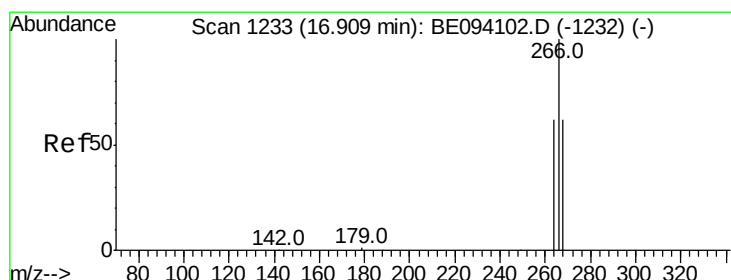
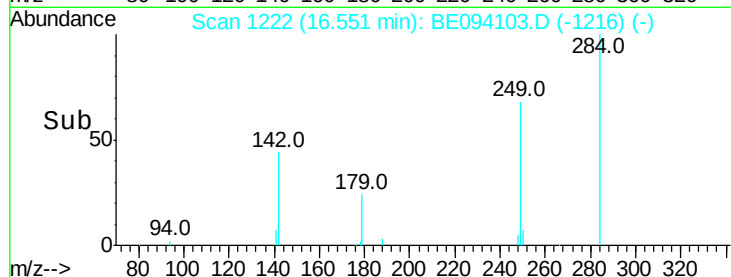
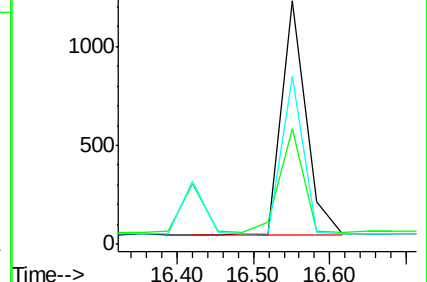
249 59.0 34.8 52.2#



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: 6.853 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

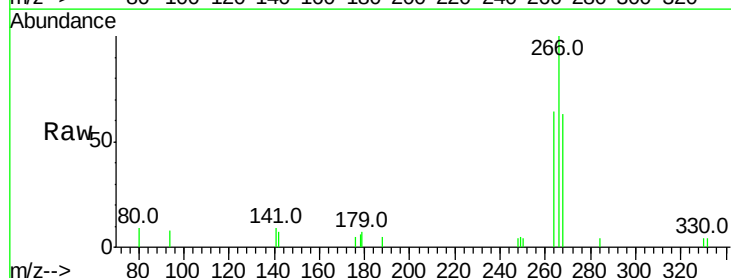
Tgt Ion:266 Resp: 2591

Ion Ratio Lower Upper

266 100

264 63.7 72.5 108.7#

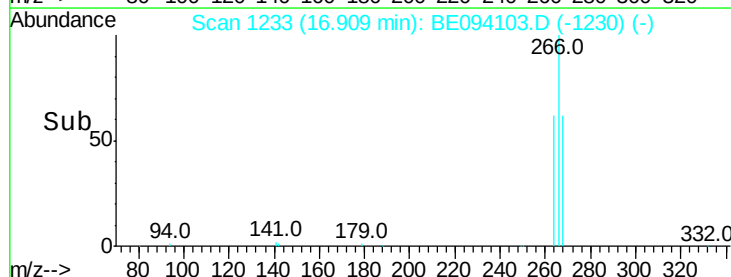
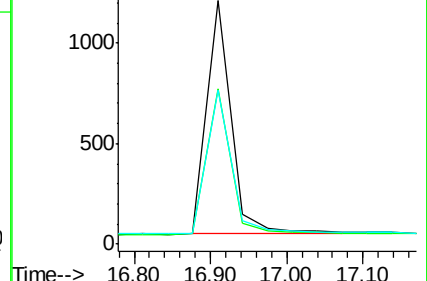
268 63.3 73.8 110.6#

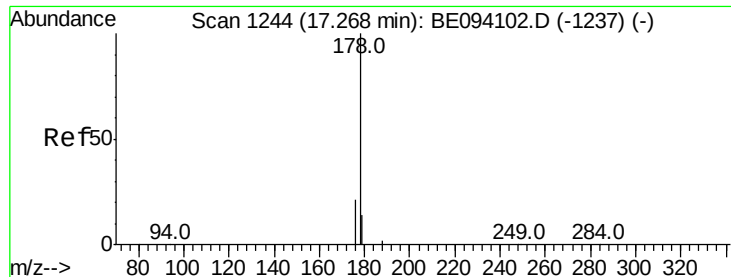


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.556 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

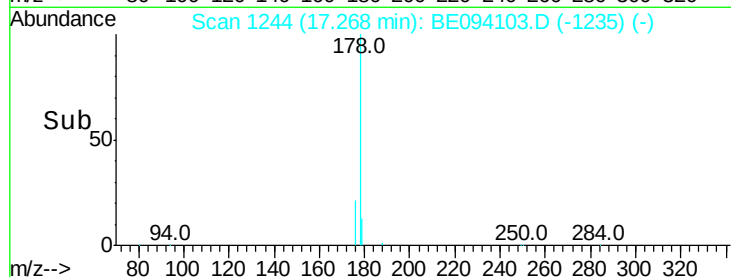
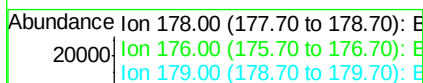
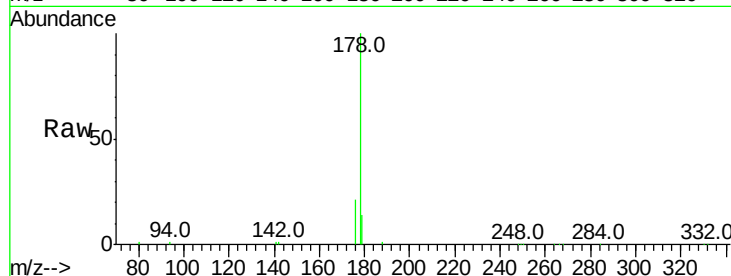
Tot Ion:178 Resp: 26935

Ion Ratio Lower Upper

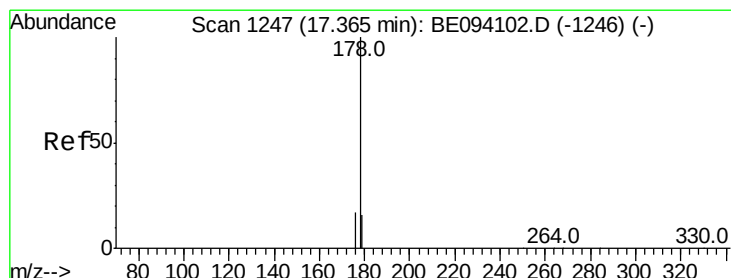
178 100

176 20.6 15.1 22.7

179 13.9 11.8 17.6



Time-->



#24

Anthracene

Concen: 0.806 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

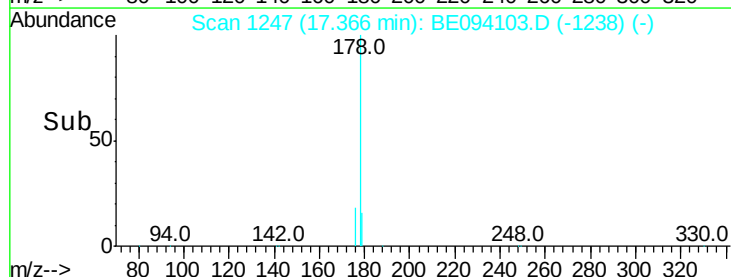
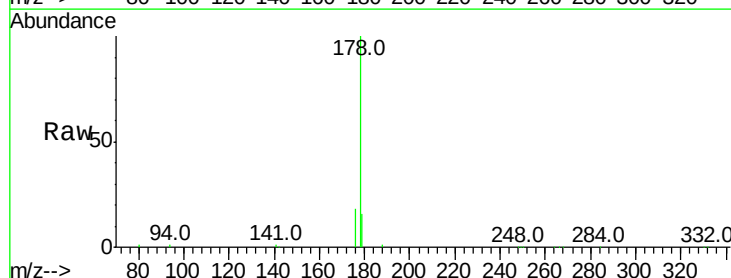
Tgt Ion:178 Resp: 30128

Ion Ratio Lower Upper

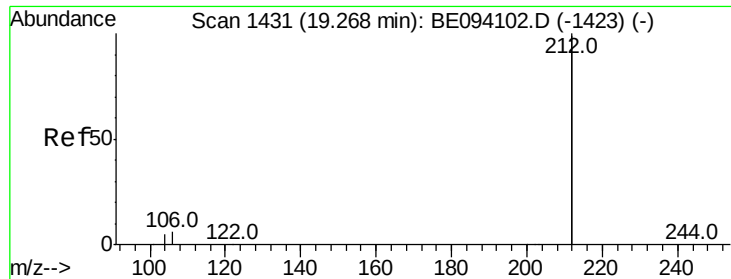
178 100

176 17.5 12.8 19.2

179 15.6 13.0 19.6



Time-->



#25

Fluoranthene-d10

Concen: 0.604 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

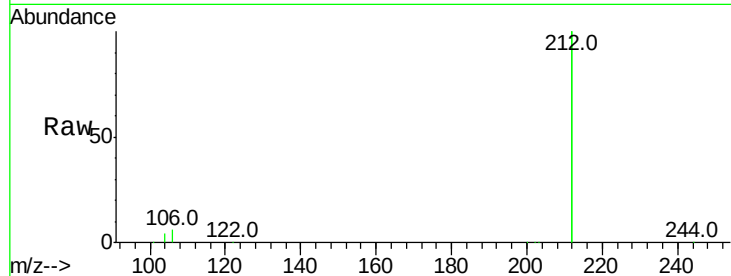
Tot Ion:212 Resp: 104916

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

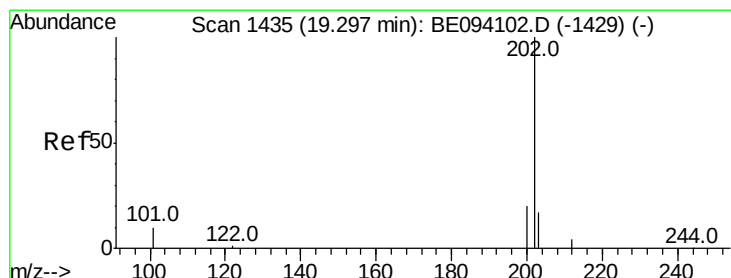
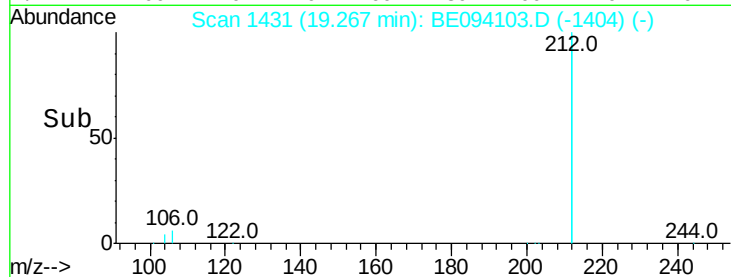
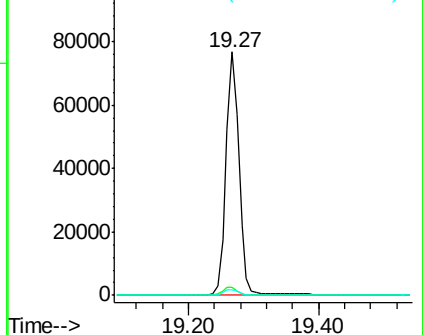
104 2.6 1.6 2.4#



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: 0.610 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

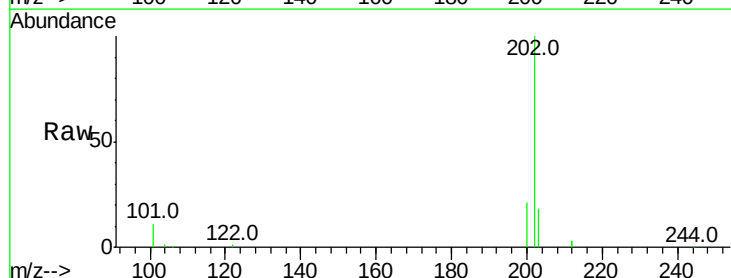
Tgt Ion:202 Resp: 31742

Ion Ratio Lower Upper

202 100

101 12.2 9.8 14.8

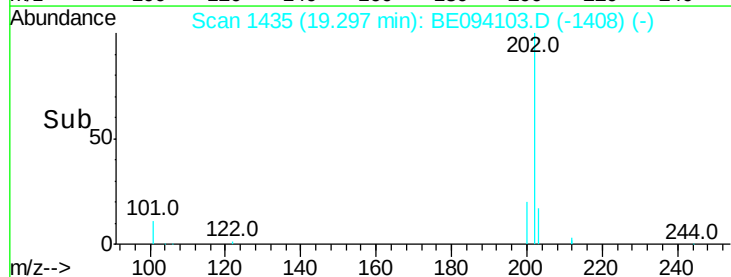
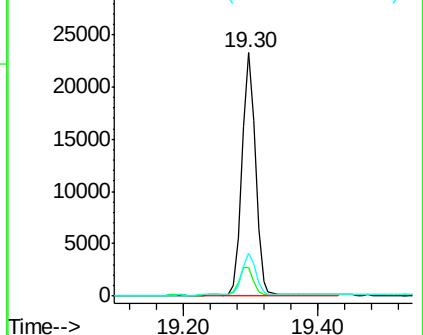
203 17.2 13.7 20.5

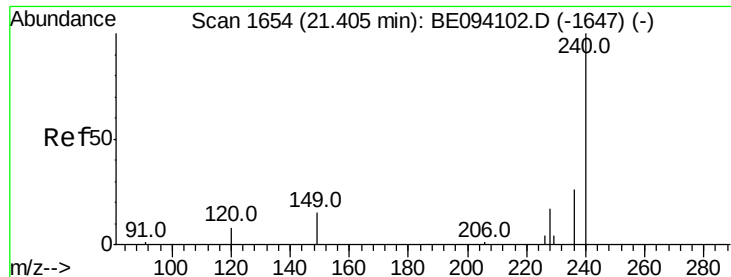


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

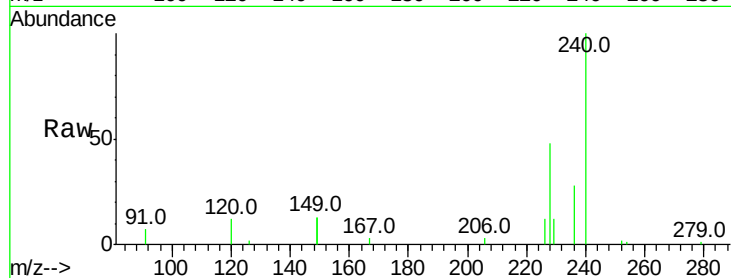




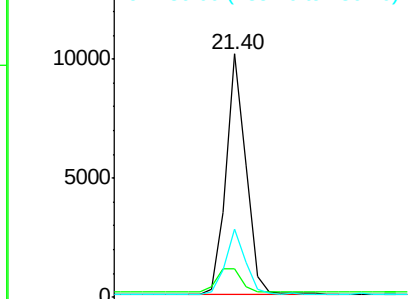
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094103.D
 Acq: 25 Sep 2017 15:32

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

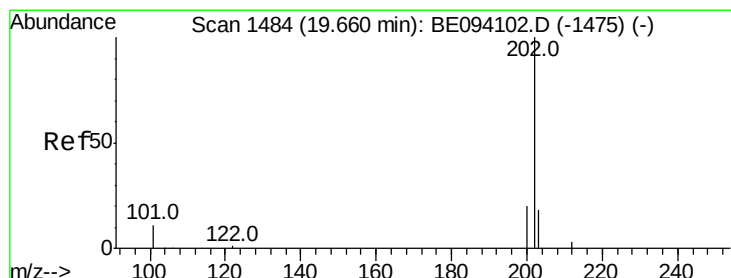
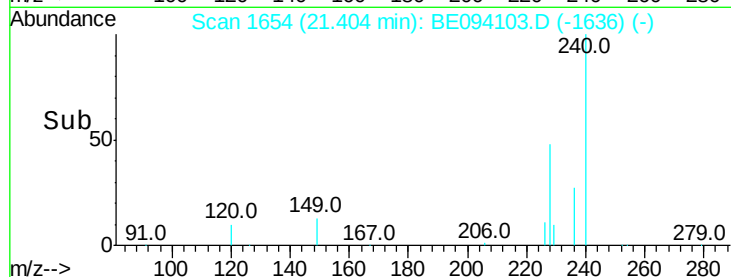
Tot Ion:240 Resp: 13519
 Ion Ratio Lower Upper
 240 100
 120 11.9 5.5 8.3#
 236 28.1 20.7 31.1



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

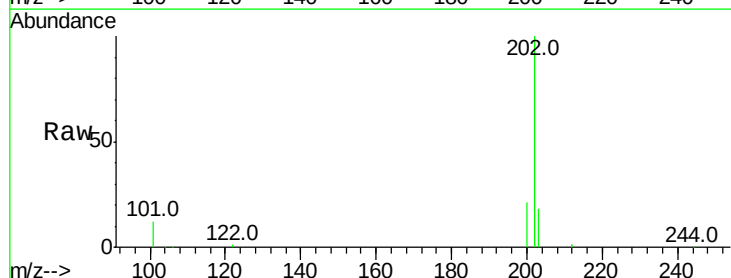


Time--> 21.30 21.40 21.50

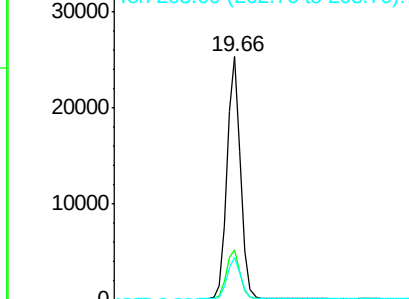


#28
 Pyrene
 Concen: 0.908 ng
 RT: 19.66 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BE094103.D
 Acq: 25 Sep 2017 15:32

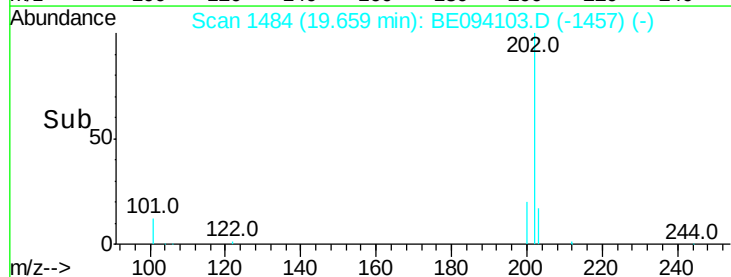
Tgt Ion:202 Resp: 33951
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 25.0
 203 17.5 13.8 20.8

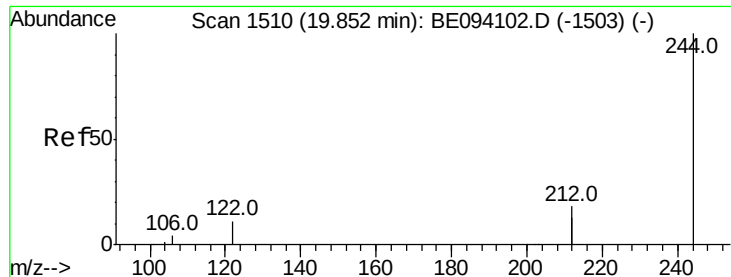


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



Time--> 19.50 19.60 19.70 19.80





#29

Terphenyl-d14

Concen: 0.900 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

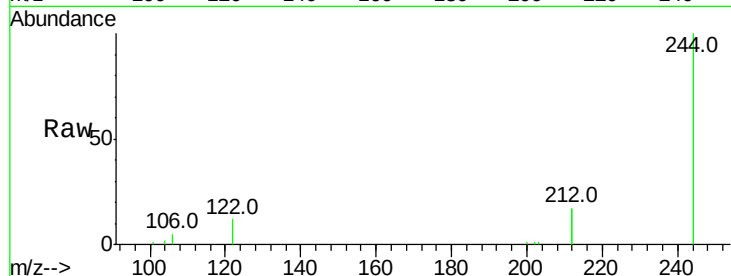
Tot Ion:244 Resp: 19054

Ion Ratio Lower Upper

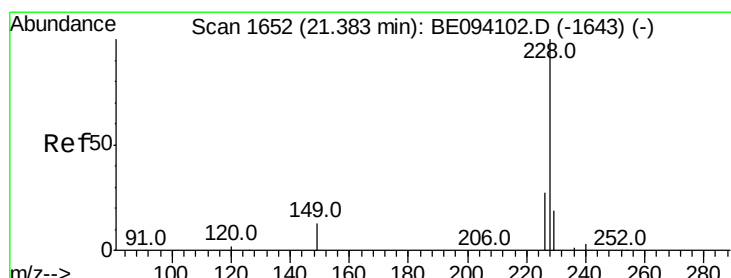
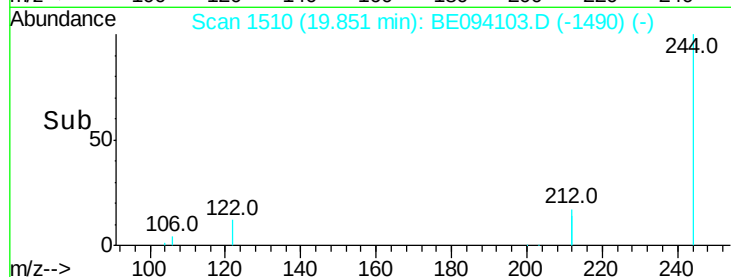
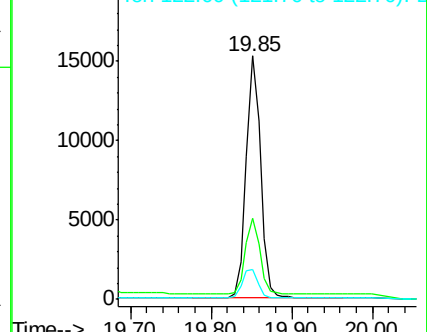
244 100

212 33.4 25.4 38.0

122 12.4 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: 0.811 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

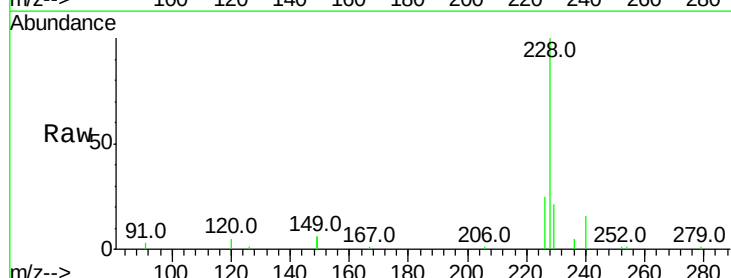
Tgt Ion:228 Resp: 36735

Ion Ratio Lower Upper

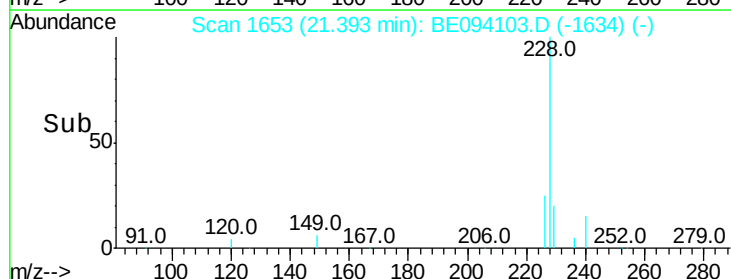
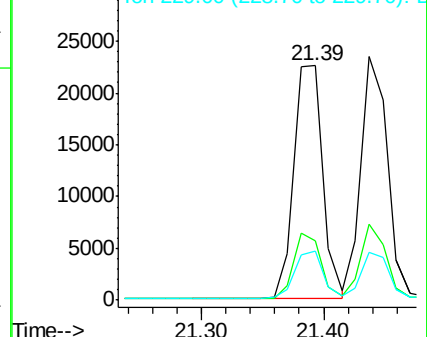
228 100

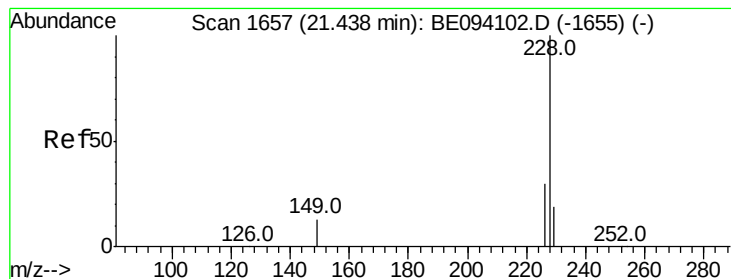
226 25.4 21.4 32.0

229 20.9 16.4 24.6



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: 0.796 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

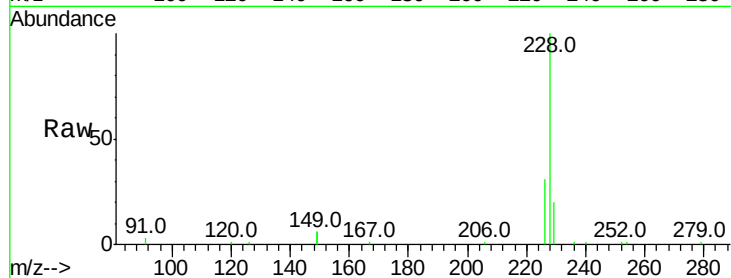
Tot Ion:228 Resp: 35322

Ion Ratio Lower Upper

228 100

226 31.2 23.6 35.4

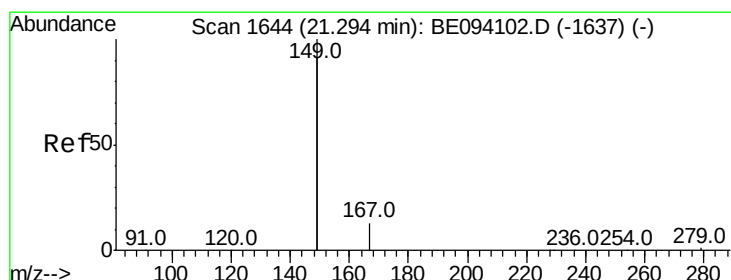
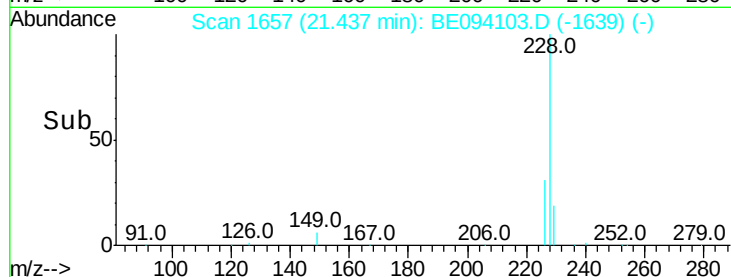
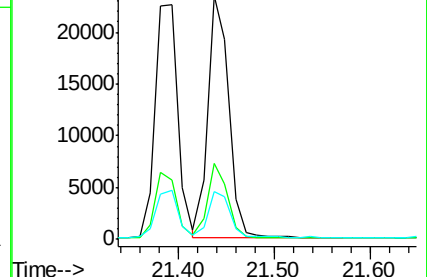
229 19.7 16.4 24.6



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: 0.886 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

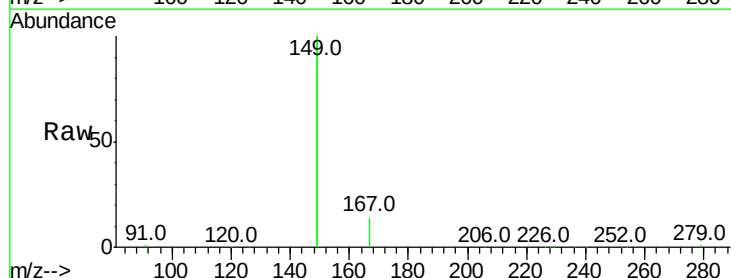
Tgt Ion:149 Resp: 107740

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

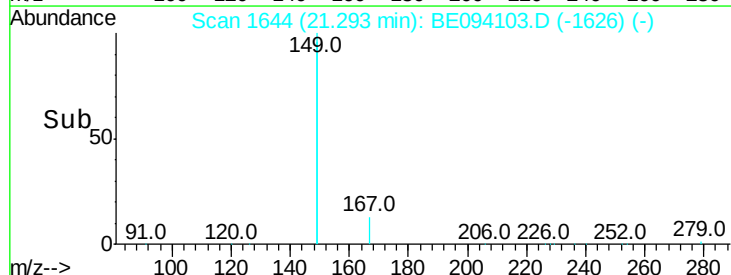
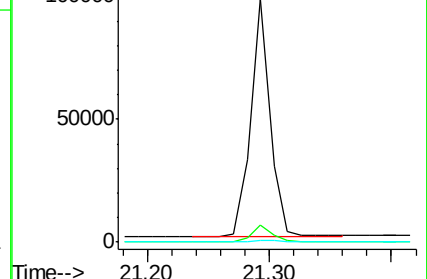
279 0.9 0.7 1.1

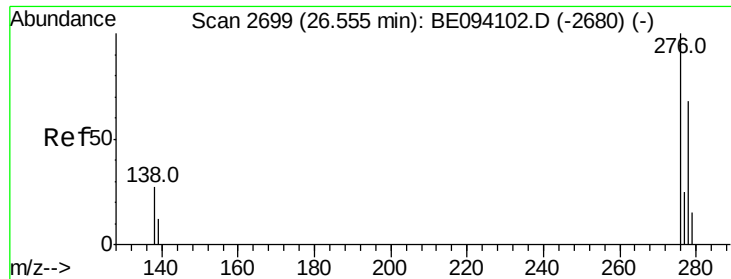


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.050 ng

RT: 26.56 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

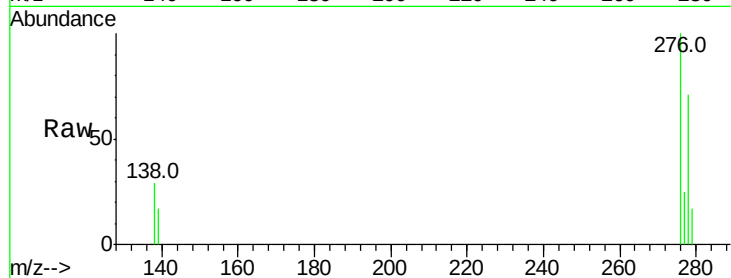
Tot Ion:276 Resp: 35999

Ion Ratio Lower Upper

276 100

138 28.0 22.5 33.7

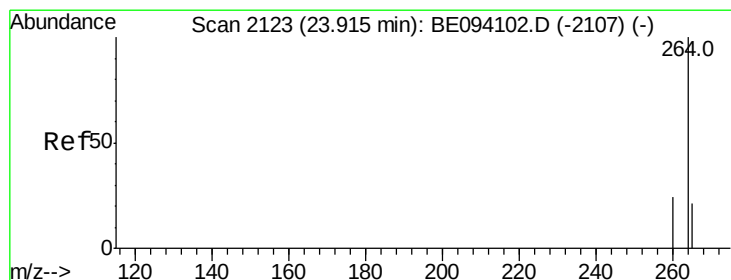
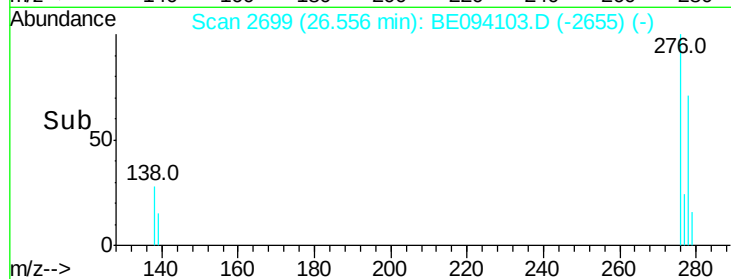
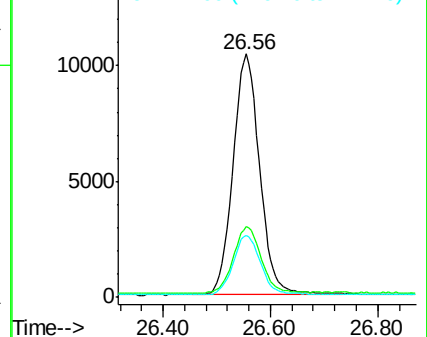
277 25.0 19.9 29.9



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: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

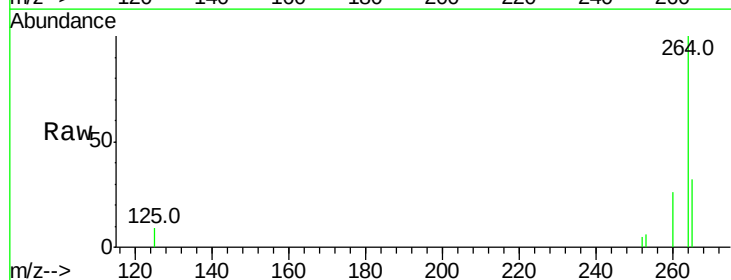
Tgt Ion:264 Resp: 12936

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

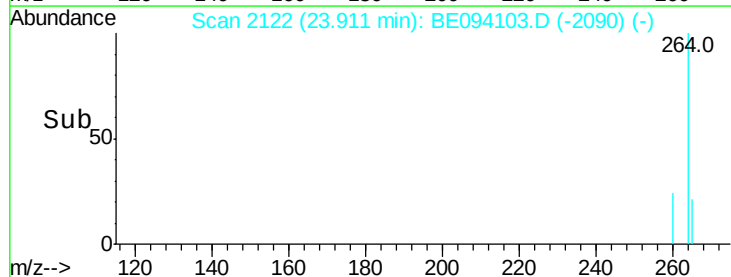
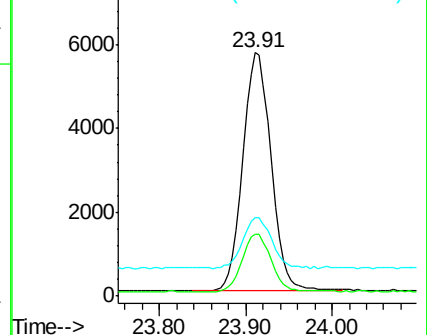
265 32.0 22.8 34.2

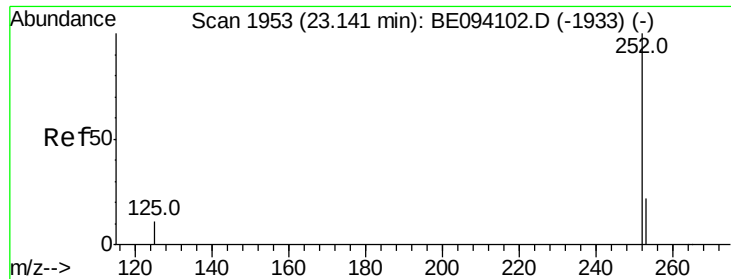


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.732 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

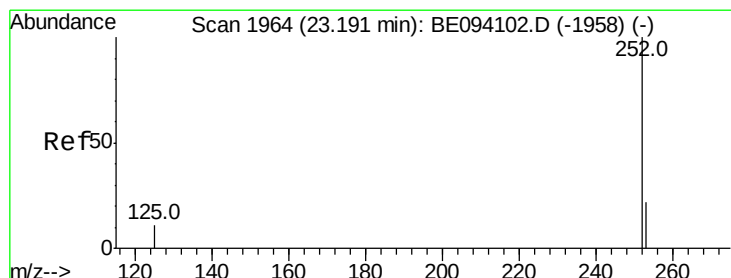
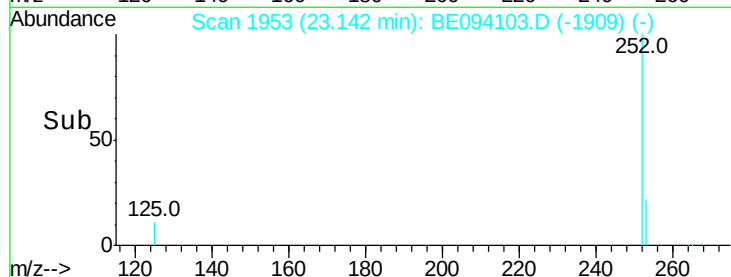
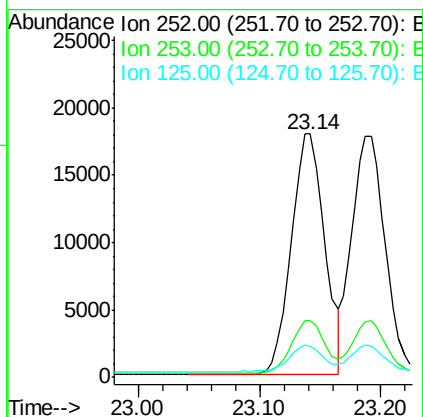
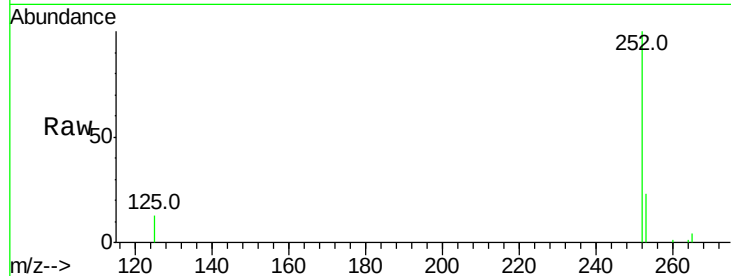
Tot Ion:252 Resp: 34253

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

125 13.0 10.1 15.1



#36

Benzo(k)fluoranthene

Concen: 0.727 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

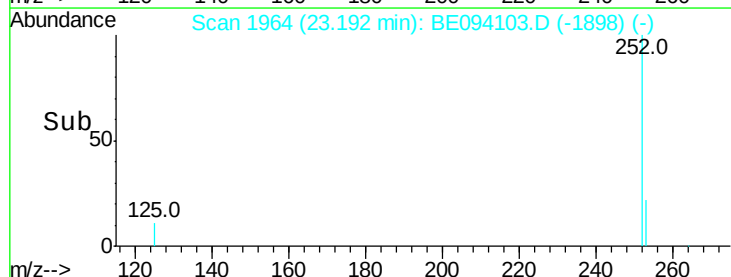
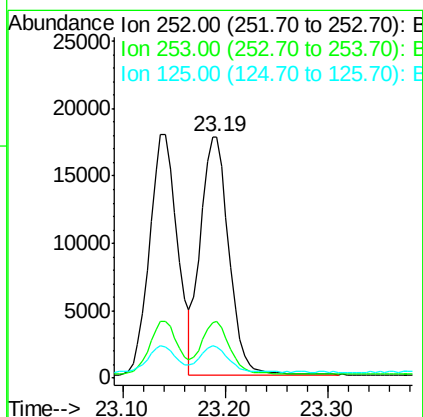
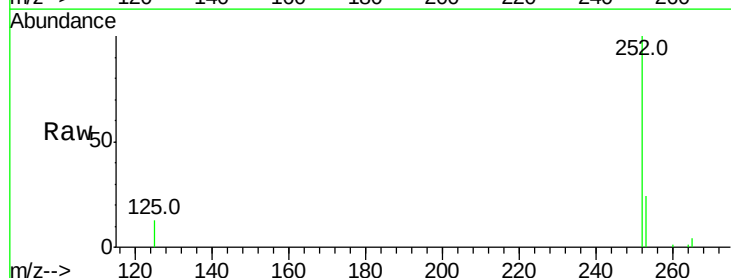
Tgt Ion:252 Resp: 34144

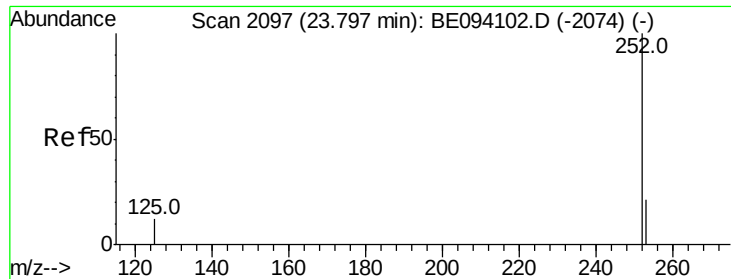
Ion Ratio Lower Upper

252 100

253 23.7 18.6 27.8

125 13.1 10.7 16.1





#37

Benzo(a)pyrene

Concen: 0.782 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

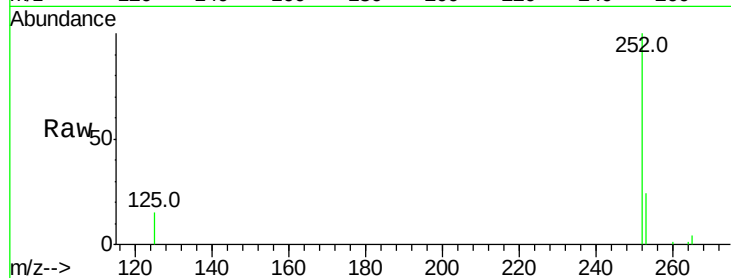
Tot Ion:252 Resp: 32871

Ion Ratio Lower Upper

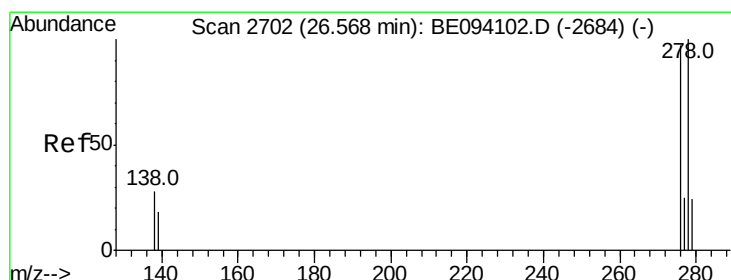
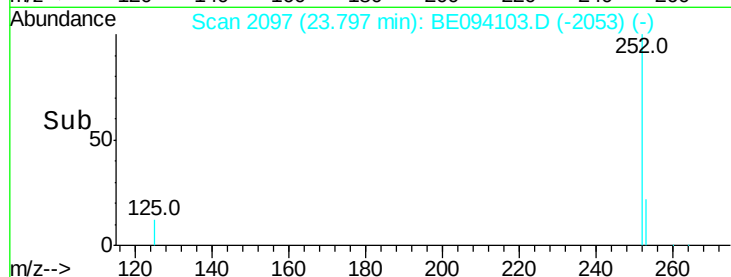
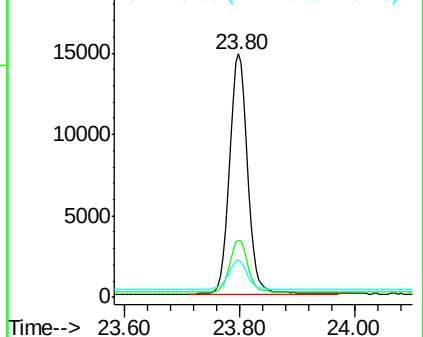
252 100

253 23.5 19.0 28.6

125 15.2 11.8 17.8



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: 0.915 ng

RT: 26.57 min Scan# 2702

Delta R.T. 0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

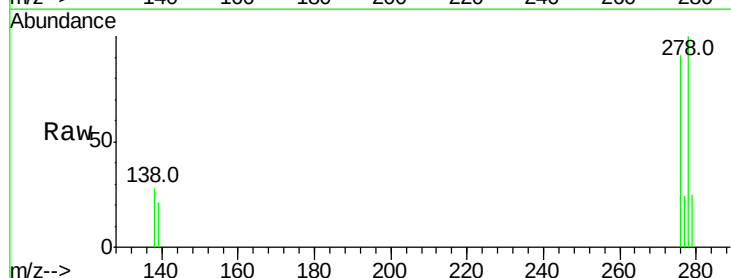
Tgt Ion:278 Resp: 30804

Ion Ratio Lower Upper

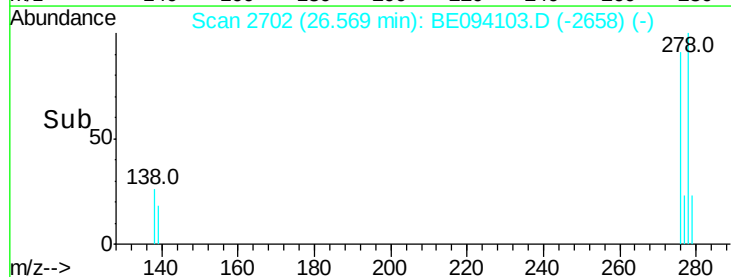
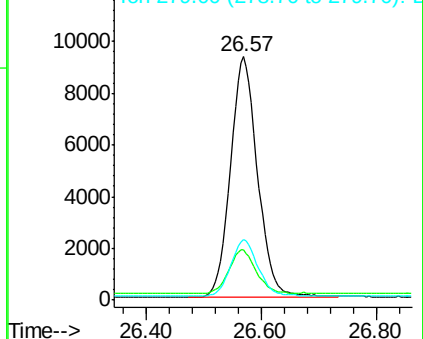
278 100

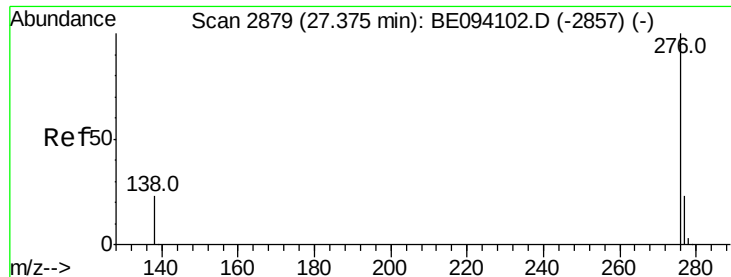
139 20.7 16.3 24.5

279 24.9 19.9 29.9



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: 0.915 ng

RT: 27.37 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BE094103.D

Acq: 25 Sep 2017 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

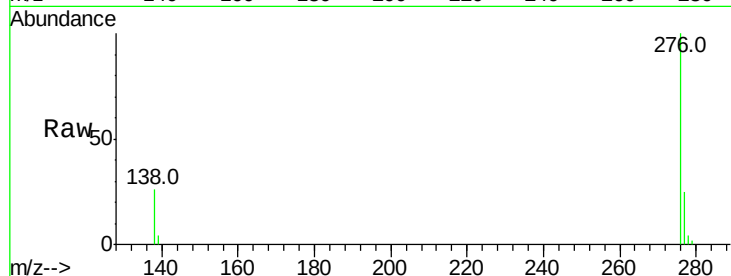
Tot Ion: 276 Resp: 30775

Ion Ratio Lower Upper

276 100

277 24.5 20.8 31.2

138 25.7 21.5 32.3



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

