

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094099.D
 Acq On : 25 Sep 2017 12:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 25 14:44:01 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 13:07:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2286	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12715	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	7774	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	24439	0.40	ng	0.00
27) Chrysene-d12	21.41	240	13966	0.40	ng	0.00
34) Perylene-d12	23.91	264	13238	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	3042	0.16	ng	0.00
5) Phenol-d6	7.09	99	4992	0.37	ng	0.00
8) Nitrobenzene-d5	9.06	82	4235	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	8224	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	921	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10691	0.42	ng	0.02
25) Fluoranthene-d10	19.27	212	72513	0.23	ng	0.00
29) Terphenyl-d14	19.85	244	12465	0.57	ng	0.00

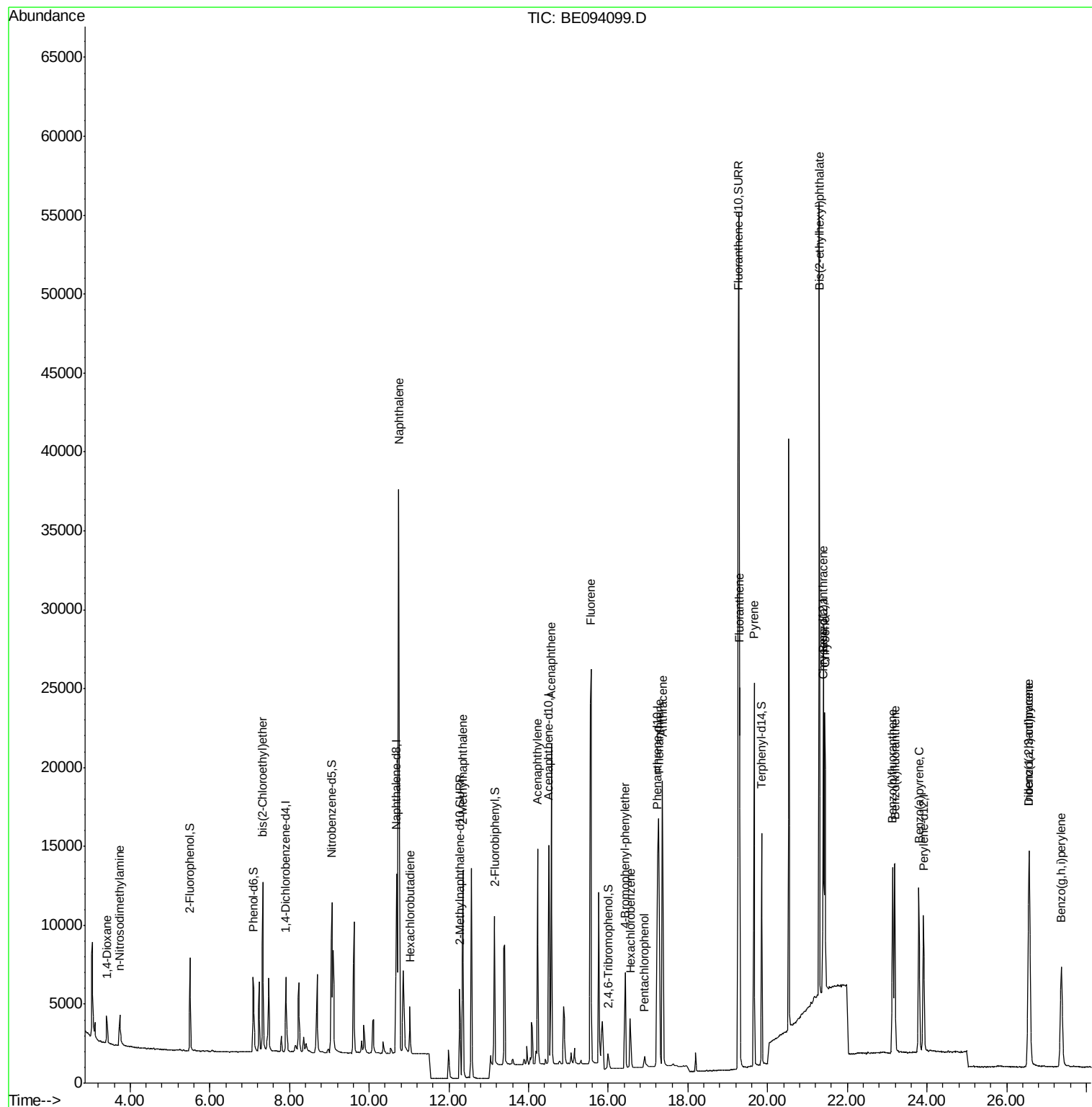
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	1450	0.260	ng	# 88
3) n-Nitrosodimethylamine	3.74	42	1631	0.276	ng	# 96
6) bis(2-Chloroethyl)ether	7.33	93	3719	0.368	ng	95
9) Naphthalene	10.74	128	57622	0.356	ng	99
10) Hexachlorobutadiene	11.03	225	2067	0.402	ng	97
12) 2-Methylnaphthalene	12.35	142	9786	0.381	ng	98
16) Acenaphthylene	14.23	152	15951	0.408	ng	100
17) Acenaphthene	14.57	154	10371	0.399	ng	98
18) Fluorene	15.56	166	13126	0.340	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	4435	0.339	ng	# 75
21) Hexachlorobenzene	16.55	284	2586	0.270	ng	# 64
22) Pentachlorophenol	16.91	266	880	1.289	ng	# 79
23) Phenanthrene	17.27	178	23857	0.273	ng	96
24) Anthracene	17.37	178	27440	0.407	ng	96
26) Fluoranthene	19.30	202	21753	0.232	ng	100
28) Pyrene	19.66	202	21870	0.566	ng	100
30) Benzo(a)anthracene	21.38	228	18912	0.404	ng	98
31) Chrysene	21.44	228	17974	0.392	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	54317	0.432	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	18173	0.513	ng	100
35) Benzo(b)fluoranthene	23.14	252	16962	0.354	ng	# 95
36) Benzo(k)fluoranthene	23.19	252	17533	0.365	ng	95
37) Benzo(a)pyrene	23.80	252	16449	0.382	ng	# 94
38) Dibenzo(a,h)anthracene	26.57	278	15354	0.446	ng	96
39) Benzo(g,h,i)perylene	27.37	276	15599	0.453	ng	99

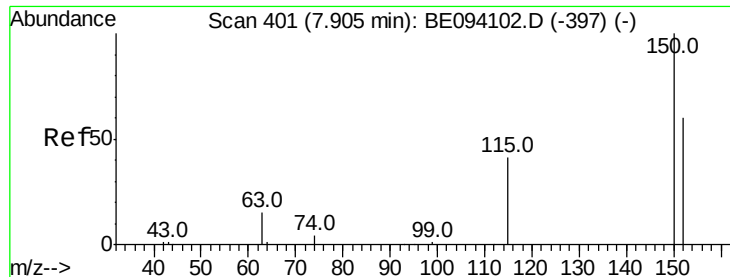
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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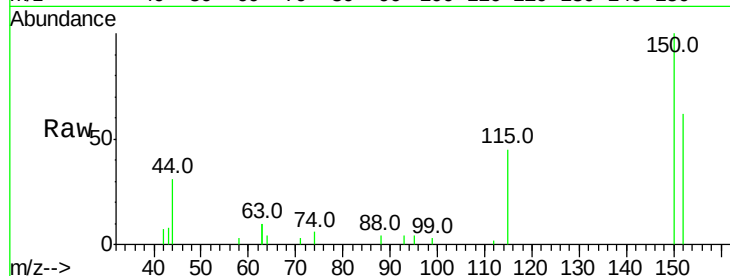


#1

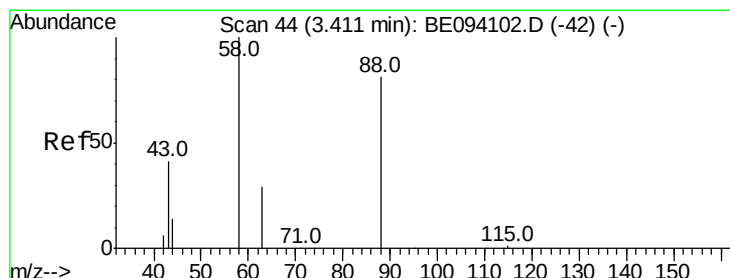
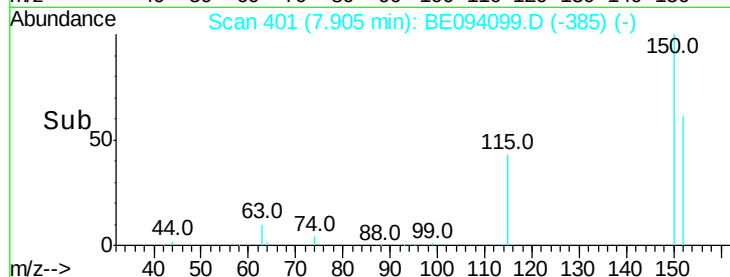
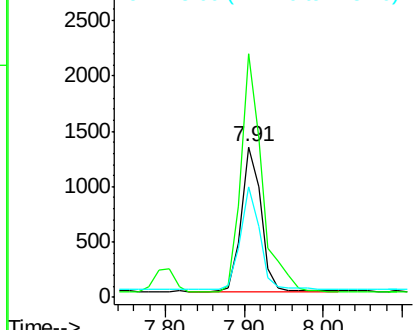
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094099.D
Acq: 25 Sep 2017 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2286
Ion Ratio Lower Upper
152 100
150 162.0 117.2 175.8
115 73.6 57.0 85.6



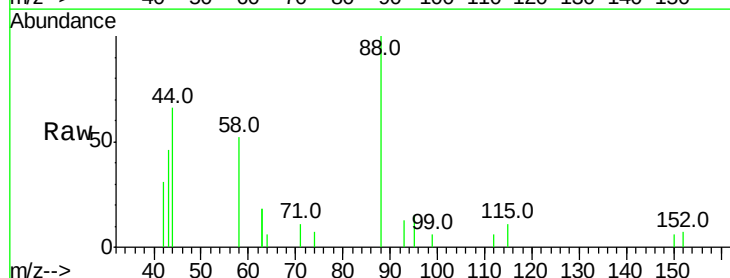
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



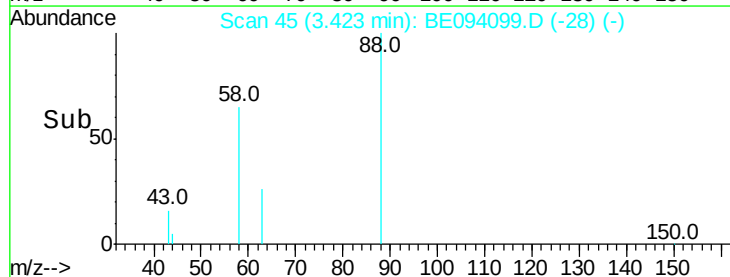
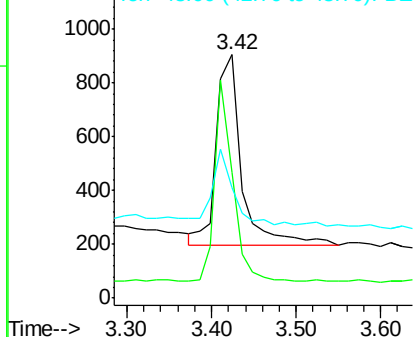
#2

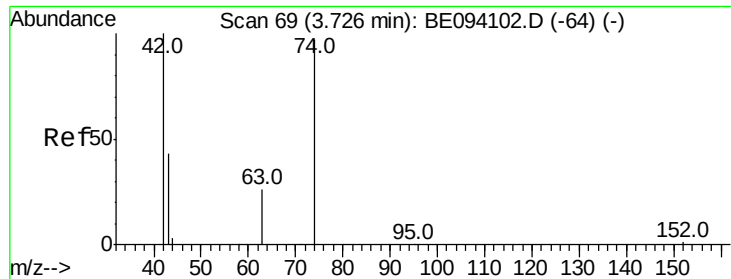
1,4-Dioxane
Concen: 0.260 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094099.D
Acq: 25 Sep 2017 12:58

Tgt Ion: 88 Resp: 1450
Ion Ratio Lower Upper
88 100
58 74.9 63.2 94.8
43 35.4 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: 0.276 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

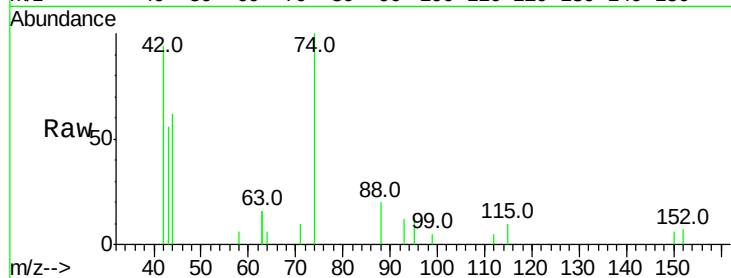
Tot Ion: 42 Resp: 1631

Ion Ratio Lower Upper

42 100

74 127.0 100.3 150.5

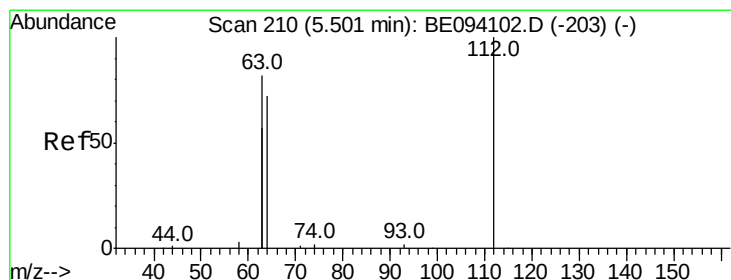
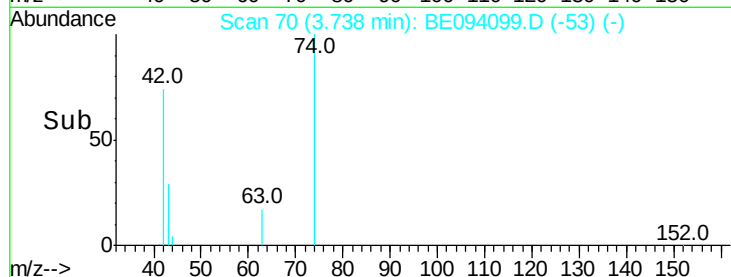
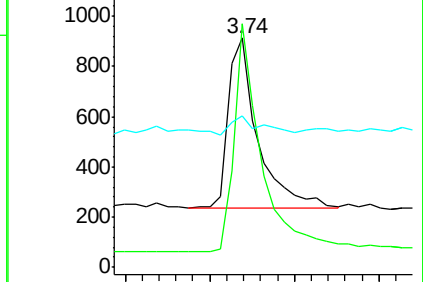
44 11.9 17.0 25.4#



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: 0.165 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

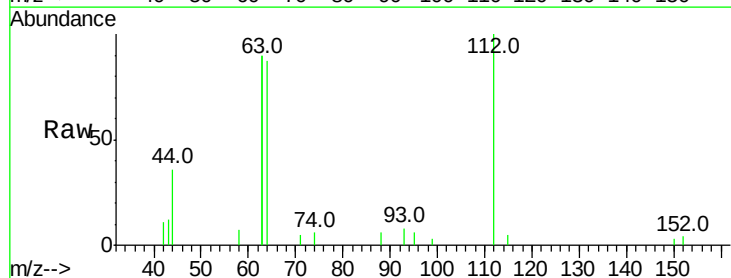
Tgt Ion: 112 Resp: 3042

Ion Ratio Lower Upper

112 100

64 75.8 60.1 90.1

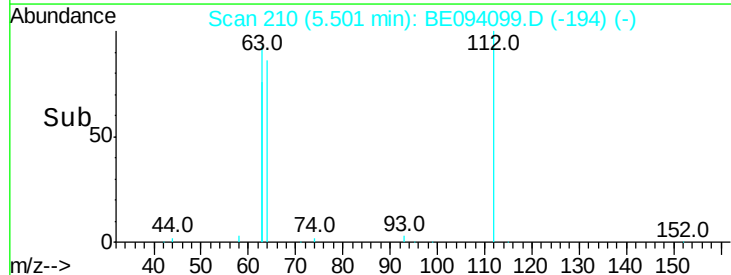
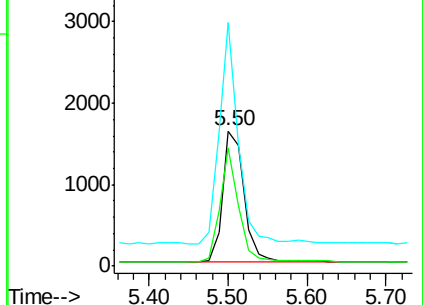
63 150.6 116.8 175.2

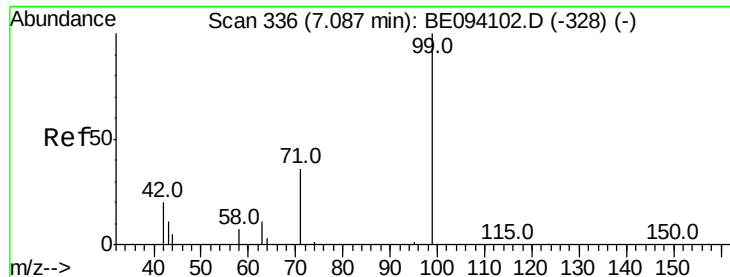


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.369 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

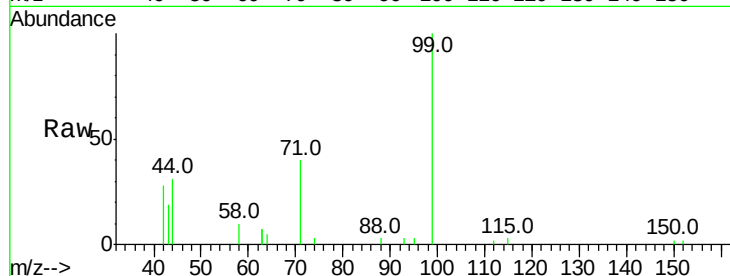
Tot Ion: 99 Resp: 4992

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

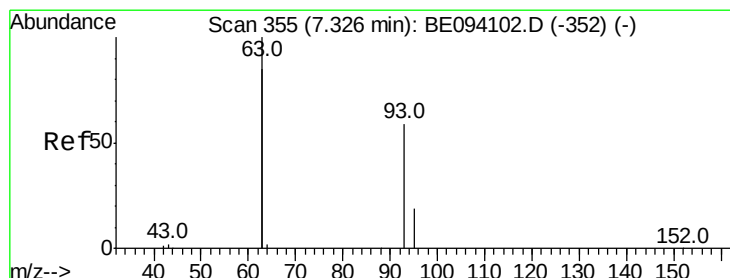
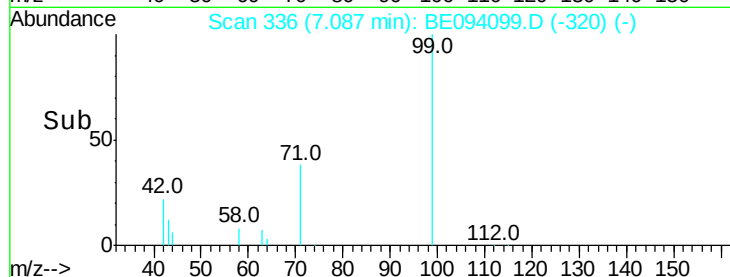
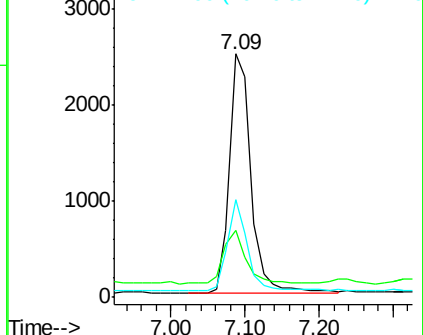
71 35.3 28.4 42.6



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: 0.368 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

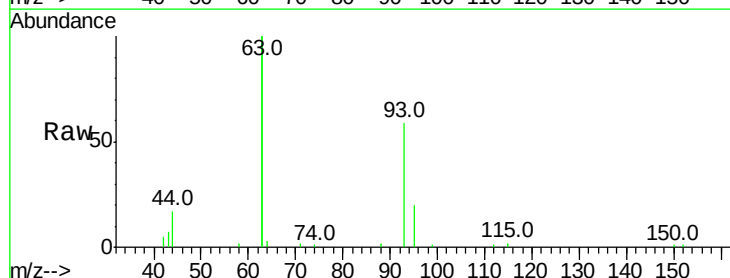
Tgt Ion: 93 Resp: 3719

Ion Ratio Lower Upper

93 100

63 356.4 275.3 412.9

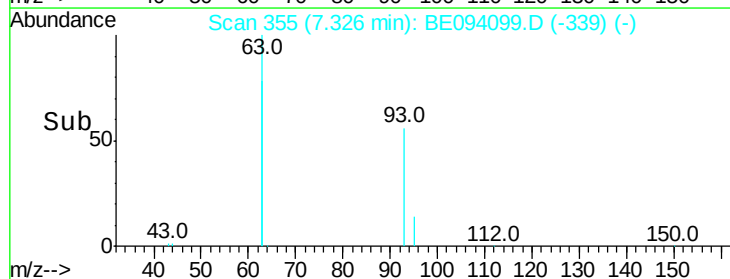
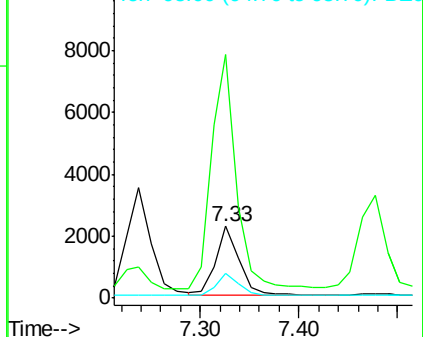
95 31.1 25.2 37.8

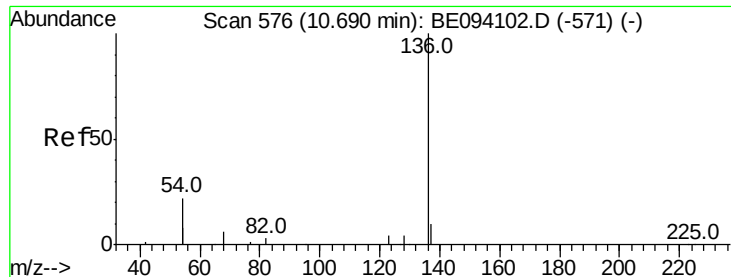


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12715

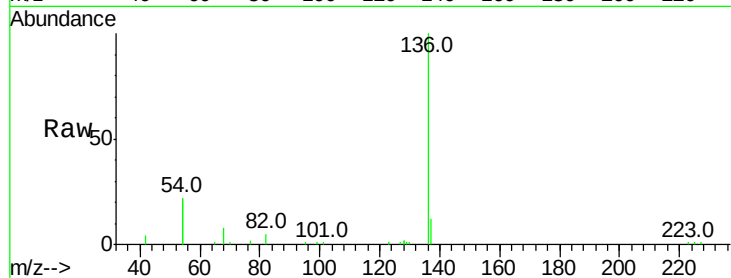
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 43.1 29.1 43.7

68 8.2 6.2 9.2

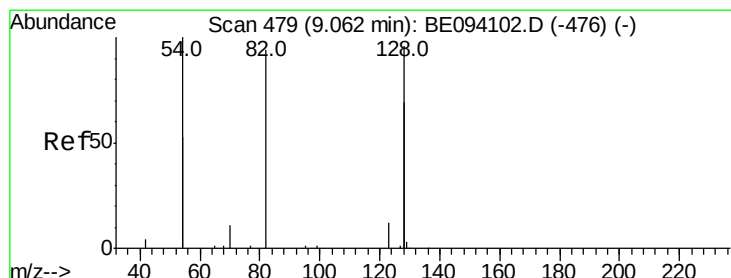
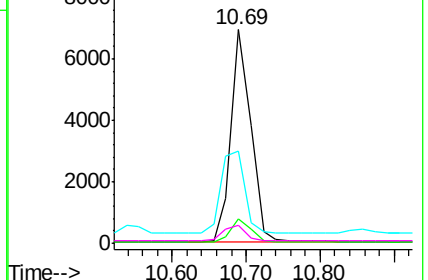
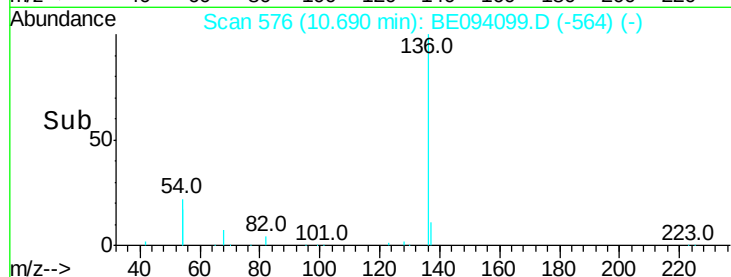


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

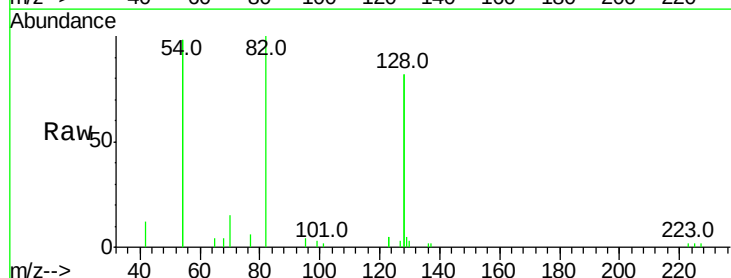
Tgt Ion: 82 Resp: 4235

Ion Ratio Lower Upper

82 100

128 164.0 150.0 225.0

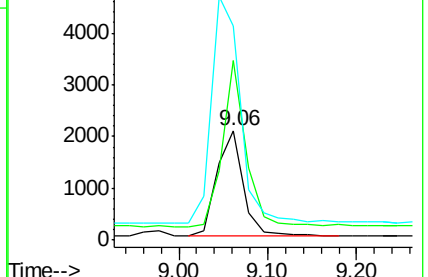
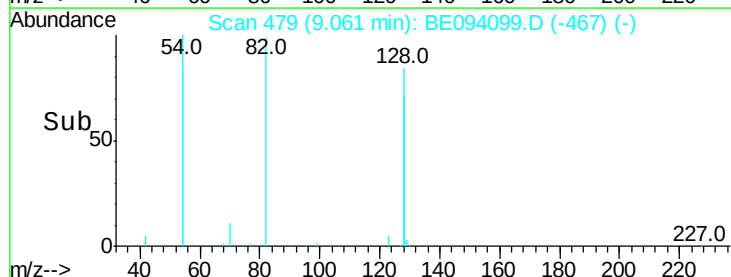
54 195.9 154.2 231.4

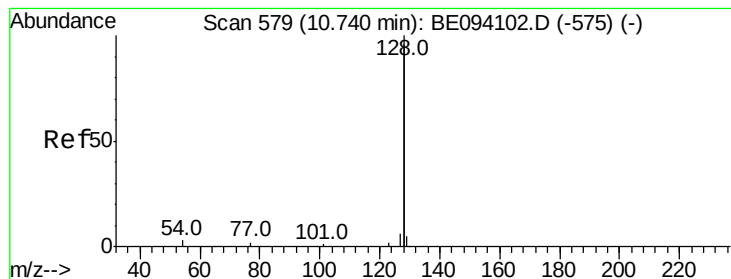


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.356 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

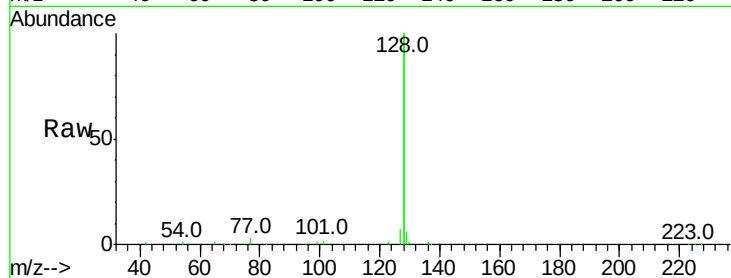
Tot Ion:128 Resp: 57622

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

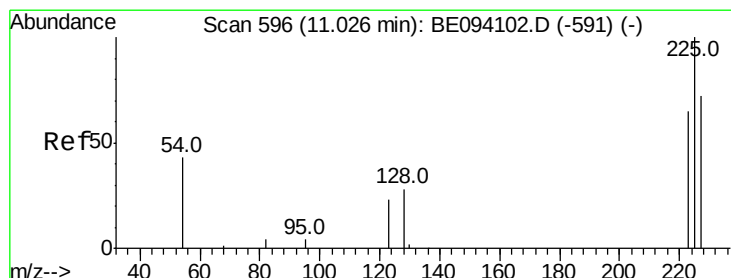
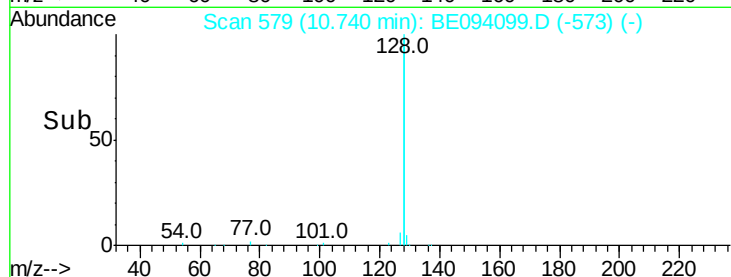
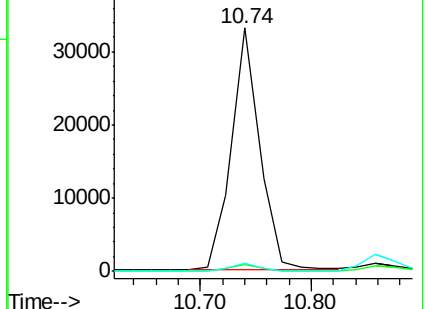
127 3.3 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.402 ng

RT: 11.03 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

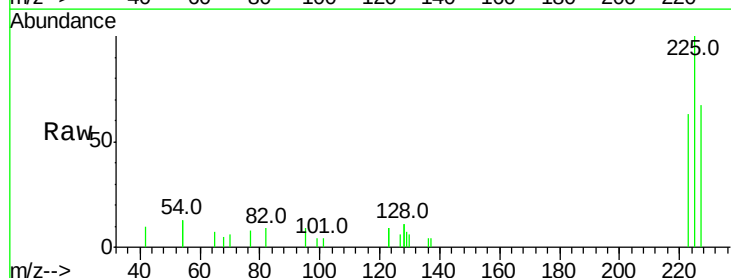
Tgt Ion:225 Resp: 2067

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

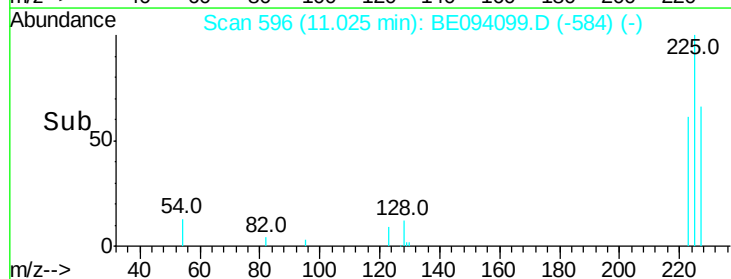
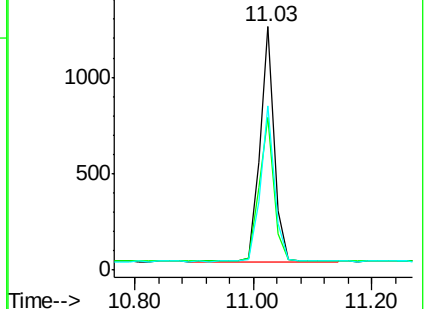
227 65.9 51.4 77.2

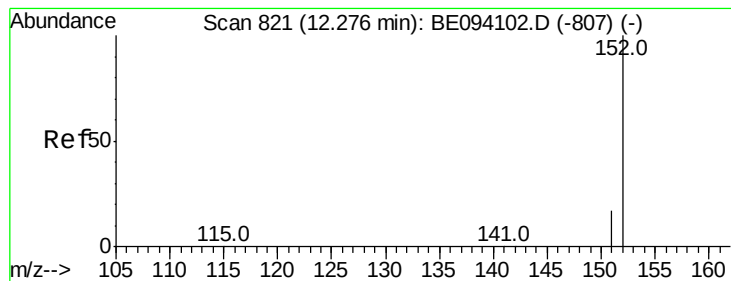


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

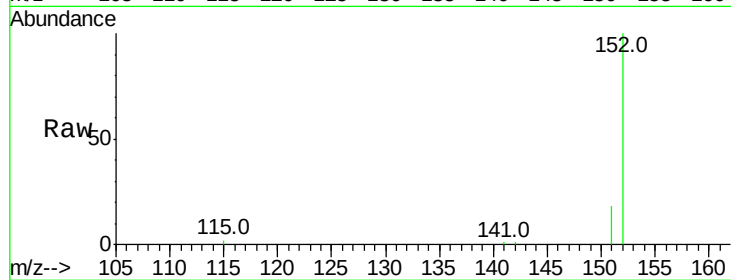
SSTDCCC0.4

Tot Ion:152 Resp: 8224

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

5000

4000

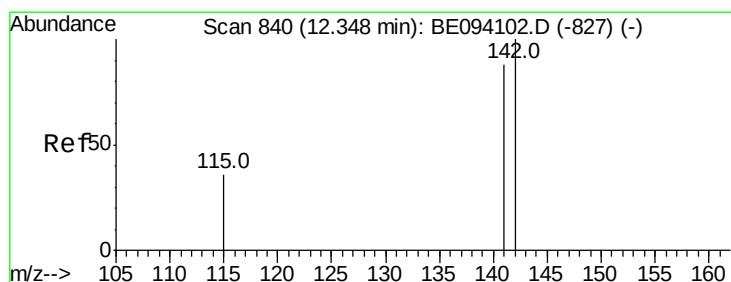
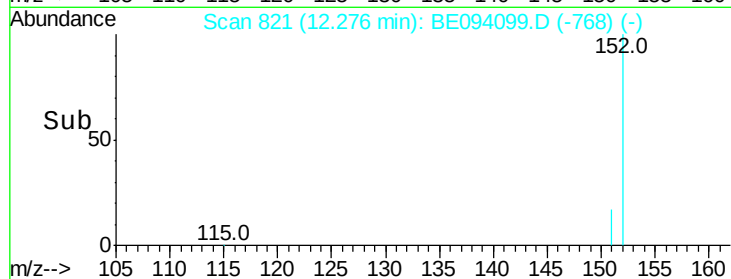
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

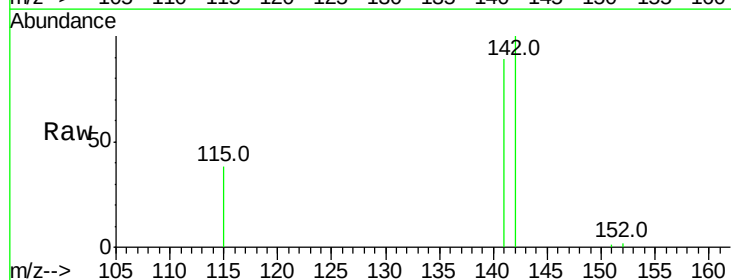
Tgt Ion:142 Resp: 9786

Ion Ratio Lower Upper

142 100

141 89.5 70.4 105.6

115 37.6 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

12.35

8000

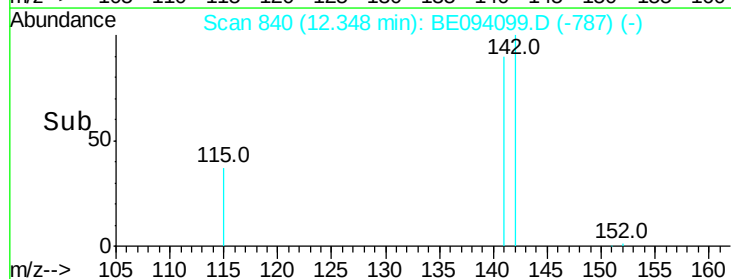
6000

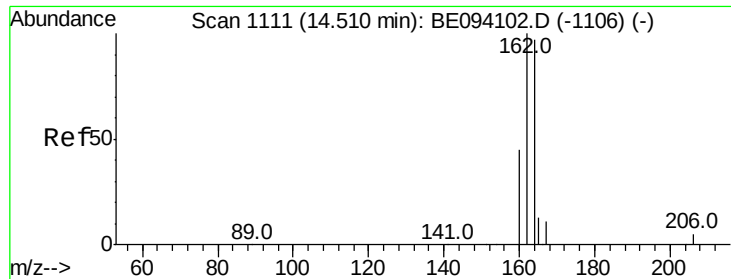
4000

2000

0

Time--> 12.30 12.40 12.50

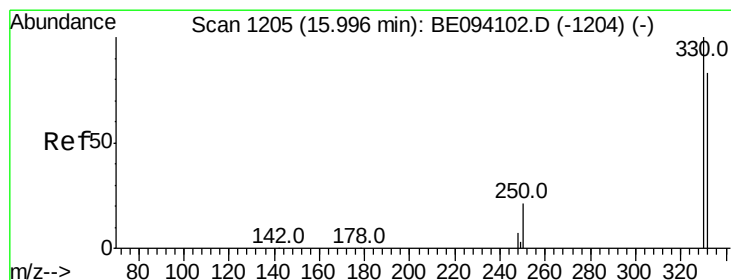
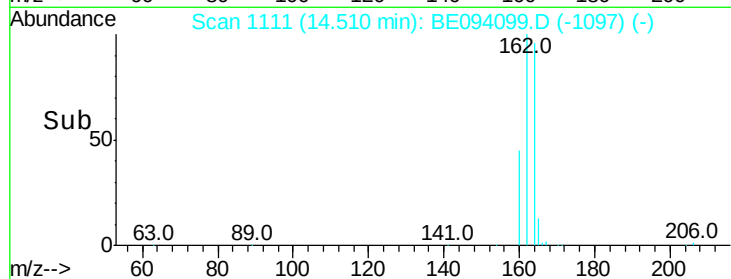
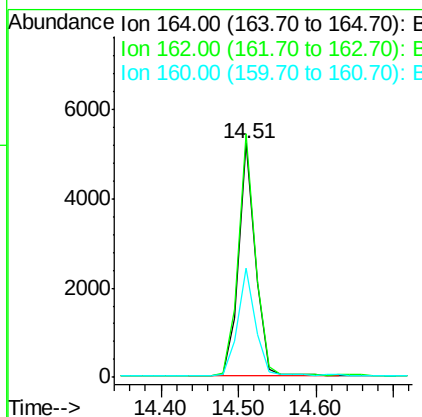
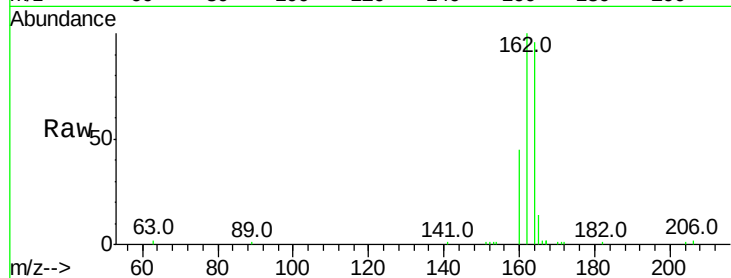




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094099.D
Acq: 25 Sep 2017 12:58

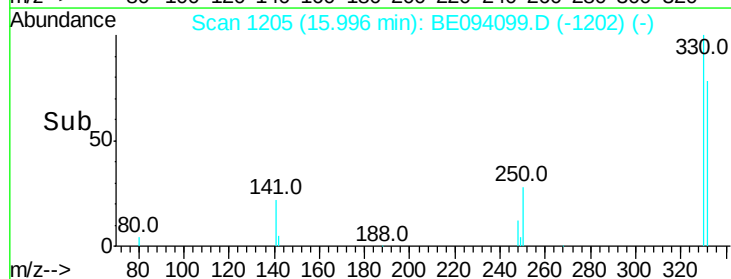
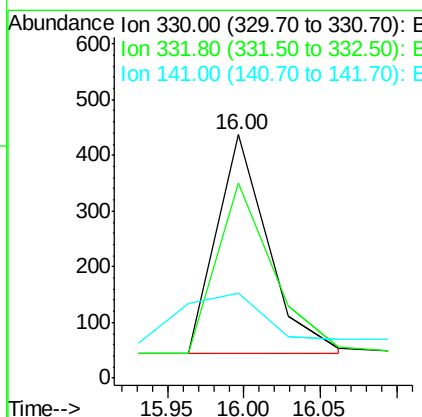
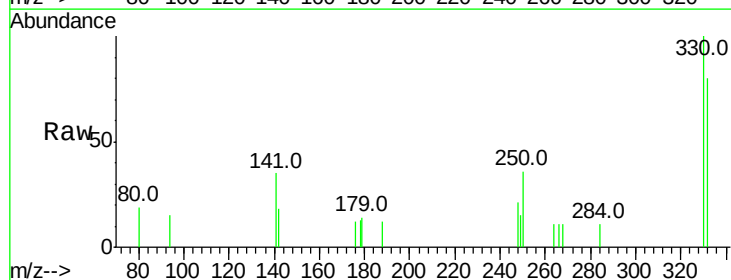
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

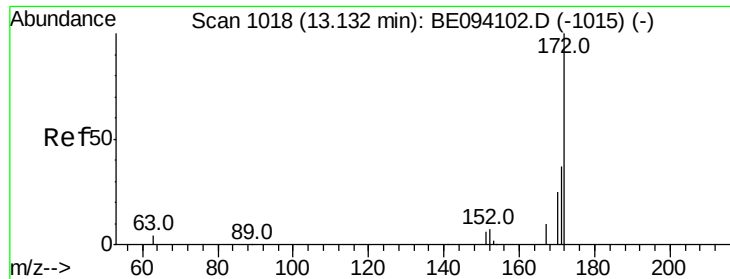
Tot Ion:164 Resp: 7774
Ion Ratio Lower Upper
164 100
162 104.0 83.1 124.7
160 46.9 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.156 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094099.D
Acq: 25 Sep 2017 12:58

Tgt Ion:330 Resp: 921
Ion Ratio Lower Upper
330 100
332 85.3 152.7 229.1#
141 0.0 33.7 50.5#

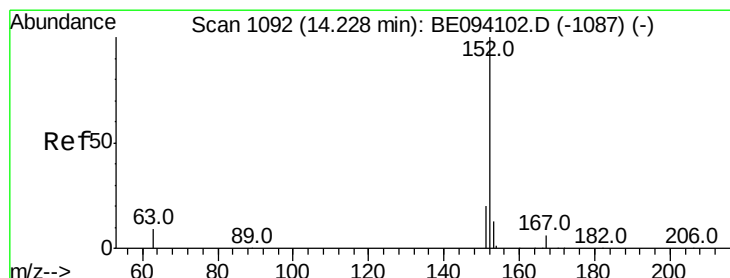
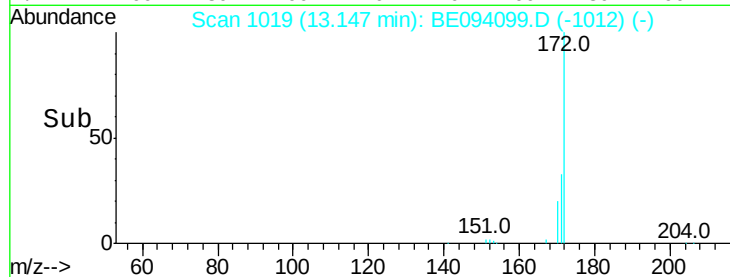
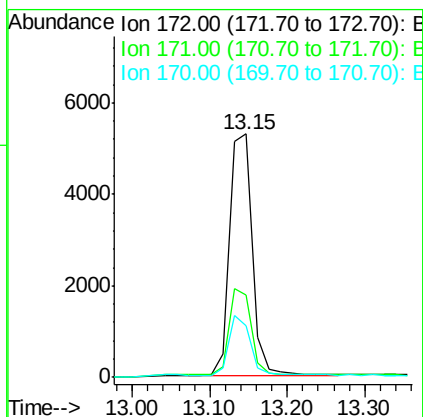
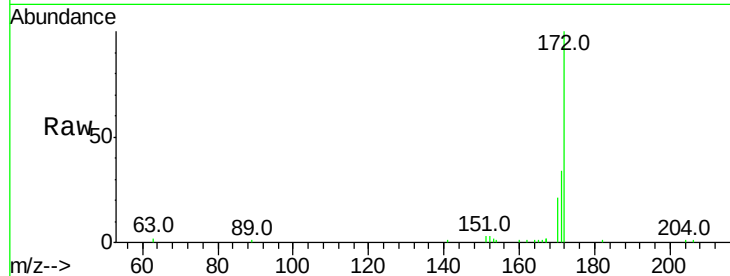




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094099.D
Acq: 25 Sep 2017 12:58

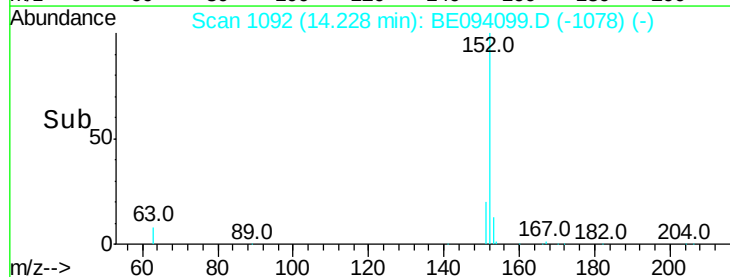
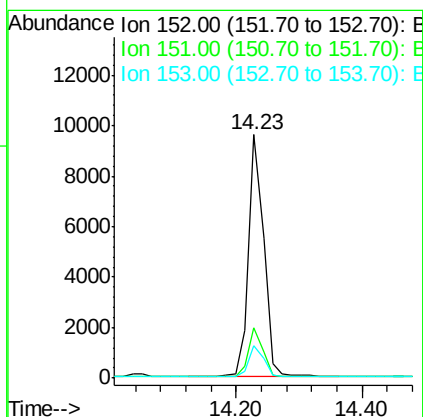
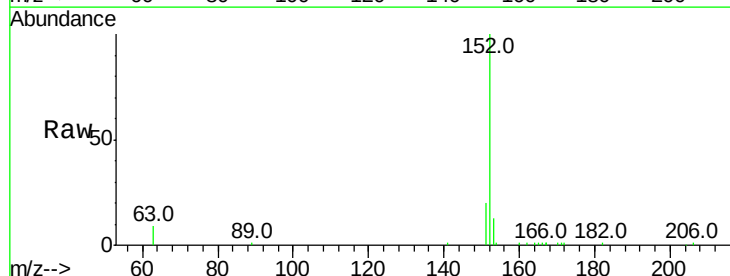
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

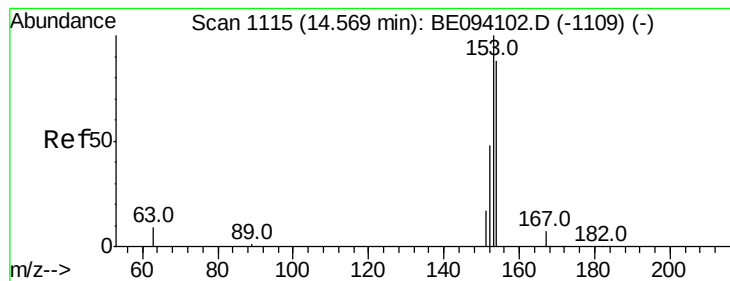
Tot Ion:172 Resp: 10691
Ion Ratio Lower Upper
172 100
171 33.8 29.9 44.9
170 21.0 21.8 32.8#



#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094099.D
Acq: 25 Sep 2017 12:58

Tgt Ion:152 Resp: 15951
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

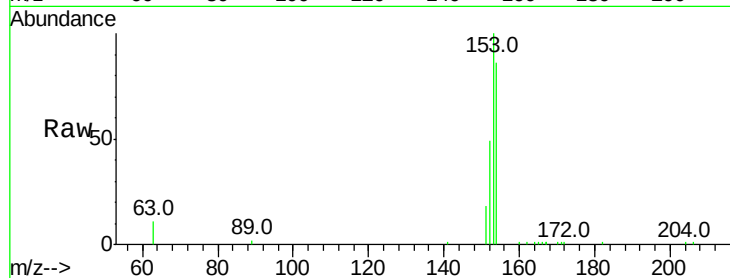
Tot Ion:154 Resp: 10371

Ion Ratio Lower Upper

154 100

153 112.6 89.2 133.8

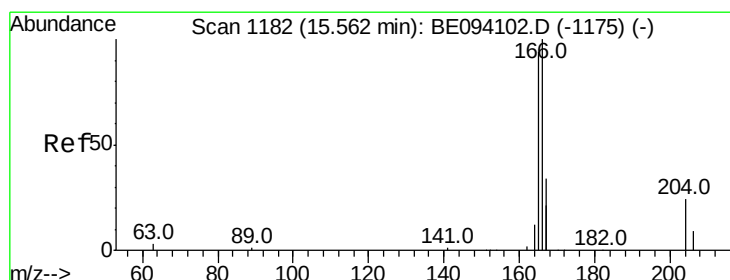
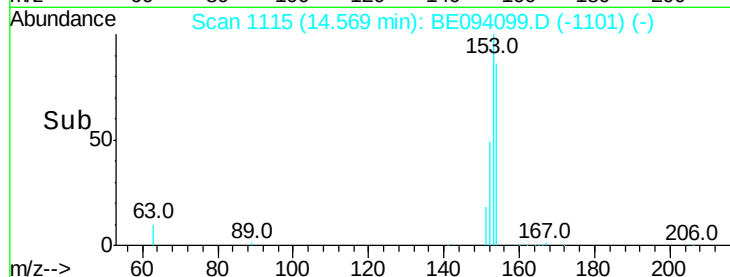
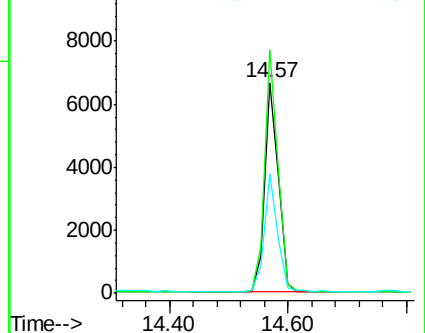
152 54.3 42.0 63.0



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: 0.340 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.02 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

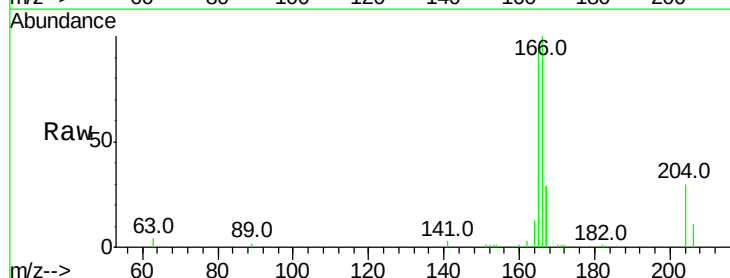
Tgt Ion:166 Resp: 13126

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

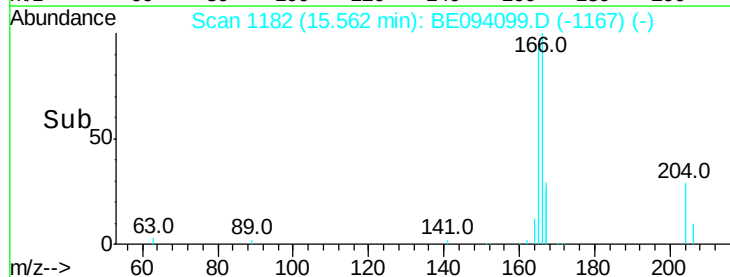
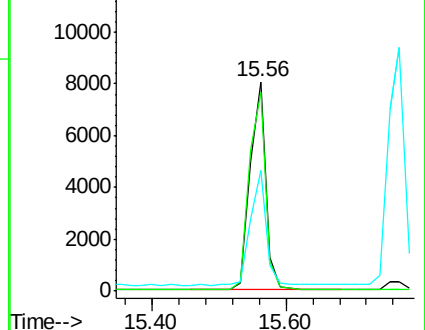
167 55.0 42.4 63.6

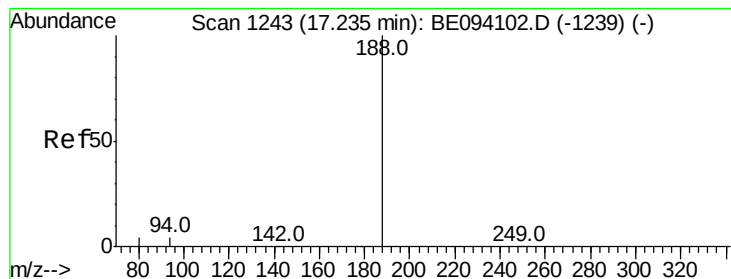


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

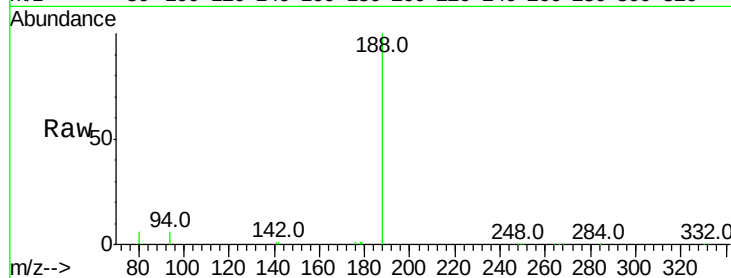
Tot Ion:188 Resp: 24439

Ion Ratio Lower Upper

188 100

94 6.2 3.9 5.9#

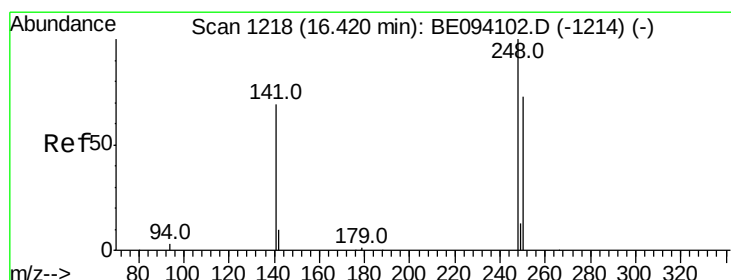
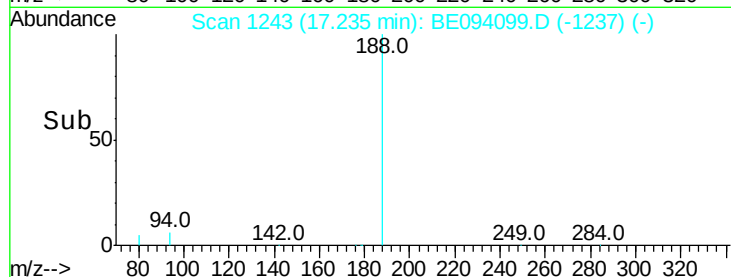
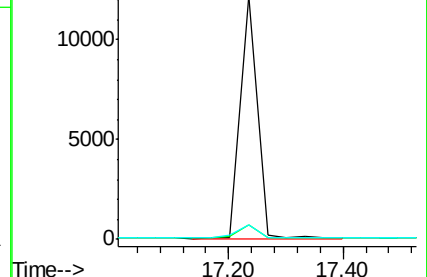
80 5.8 3.6 5.4#



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: 0.339 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

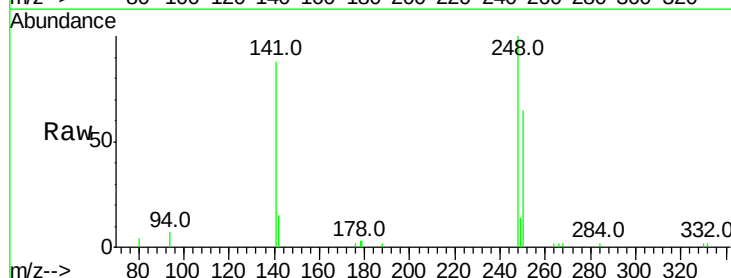
Tgt Ion:248 Resp: 4435

Ion Ratio Lower Upper

248 100

250 65.0 62.7 94.1

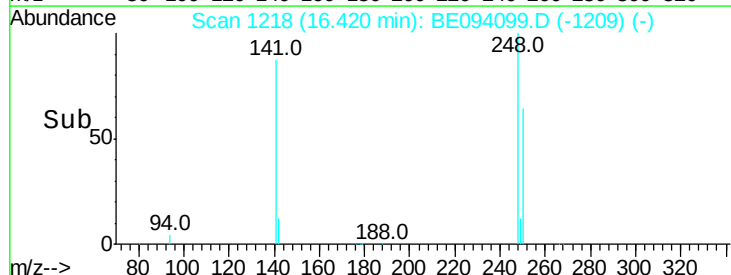
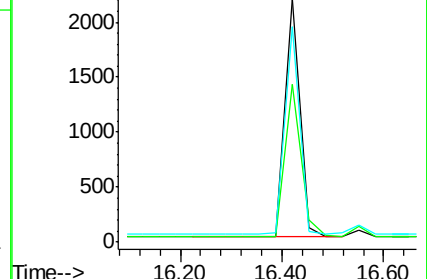
141 88.4 48.2 72.2#

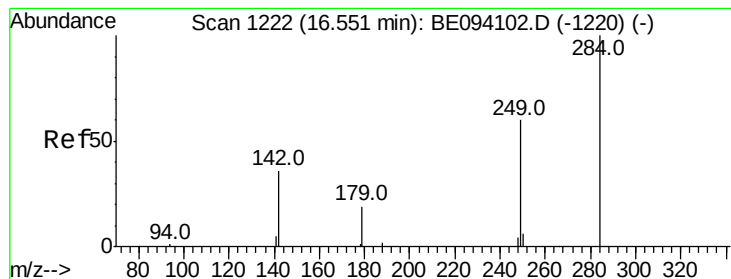


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.270 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

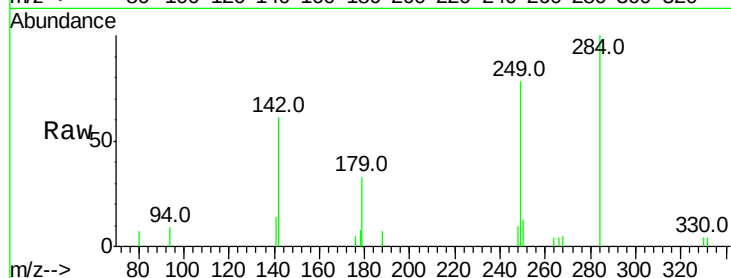
Tot Ion:284 Resp: 2586

Ion Ratio Lower Upper

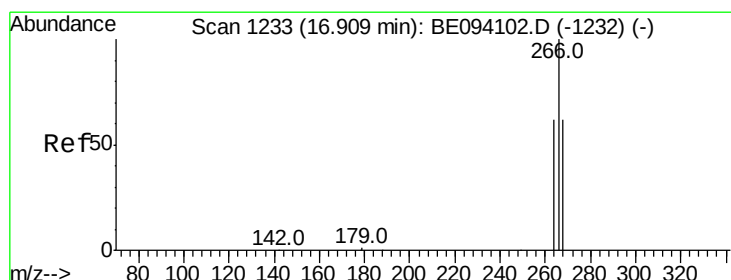
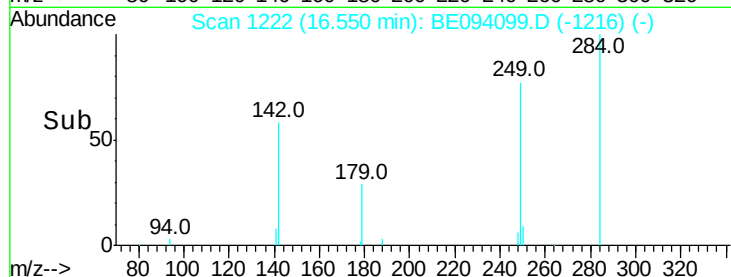
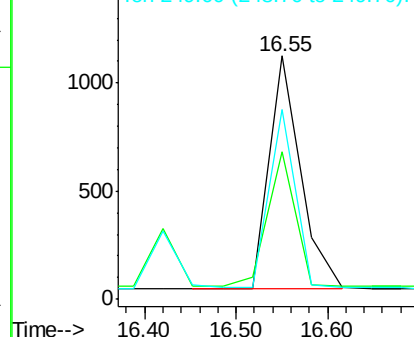
284 100

142 50.2 22.1 33.1#

249 63.5 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: 1.289 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

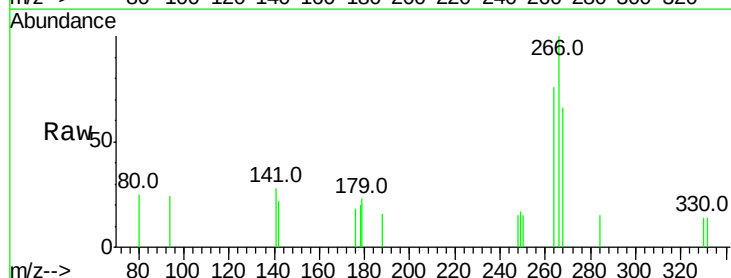
Tgt Ion:266 Resp: 880

Ion Ratio Lower Upper

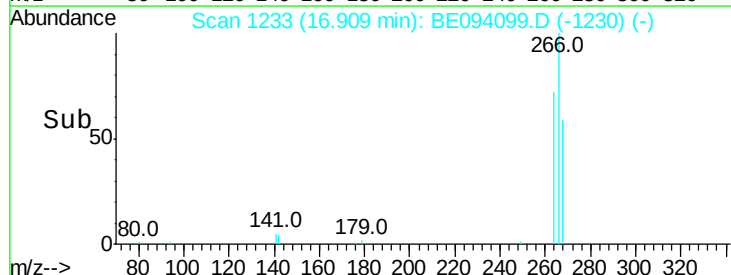
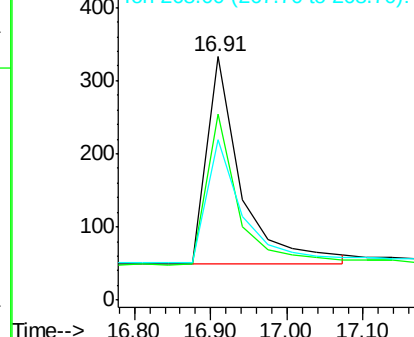
266 100

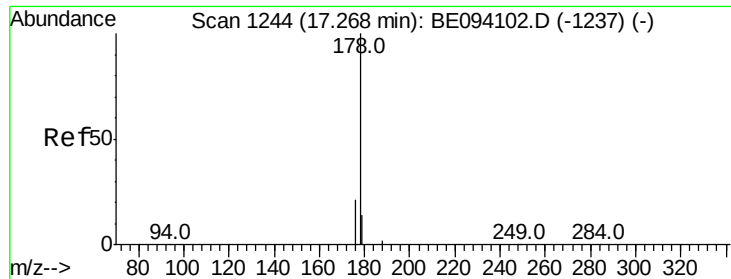
264 76.3 72.5 108.7

268 65.8 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: 0.273 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

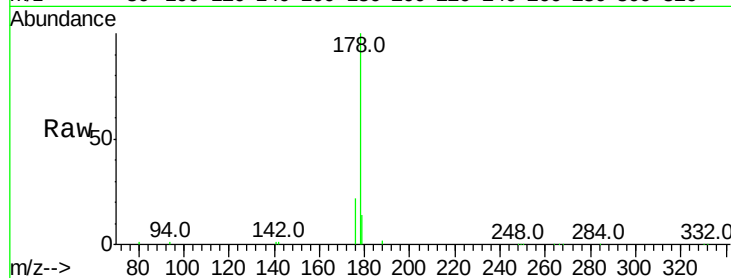
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 23857

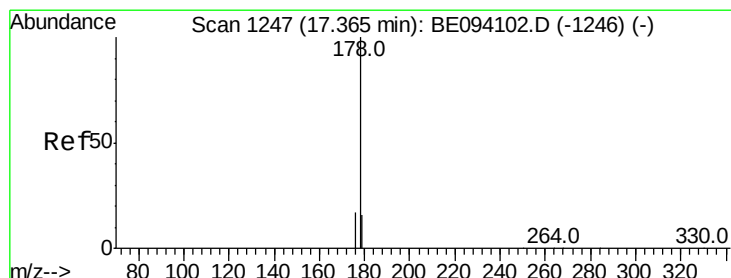
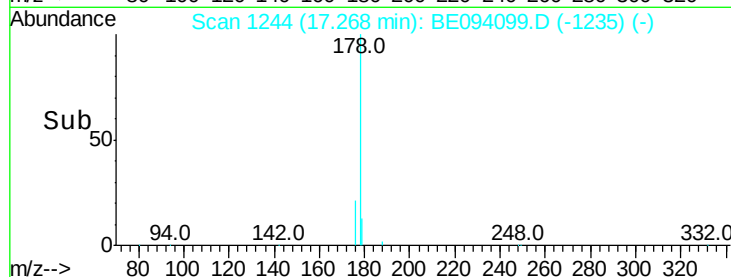
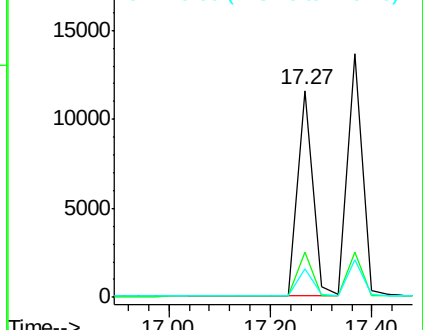
Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.1	22.7
179	13.6	11.8	17.6



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: 0.407 ng

RT: 17.37 min Scan# 1247

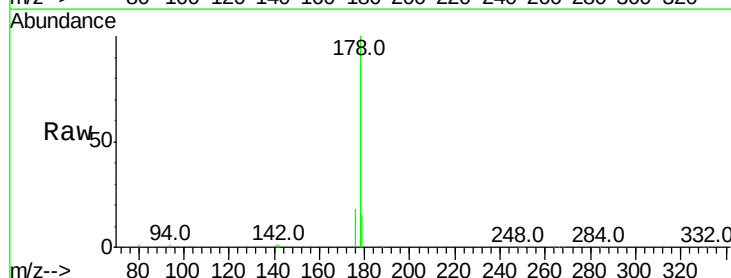
Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Tgt Ion:178 Resp: 27440

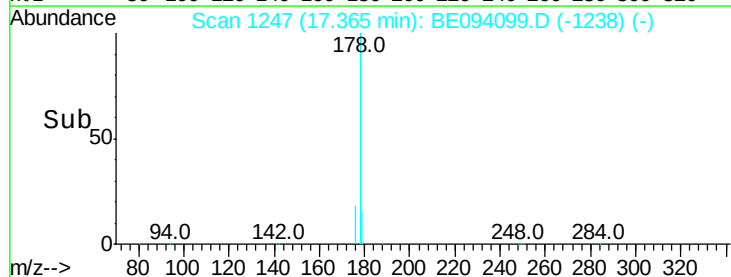
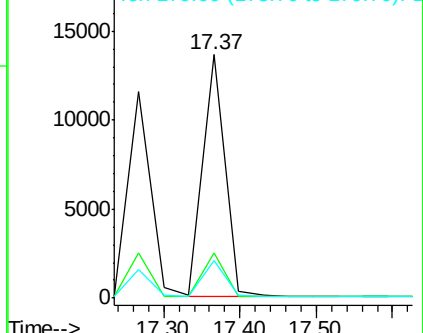
Ion	Ratio	Lower	Upper
178	100		
176	18.0	12.8	19.2
179	15.1	13.0	19.6

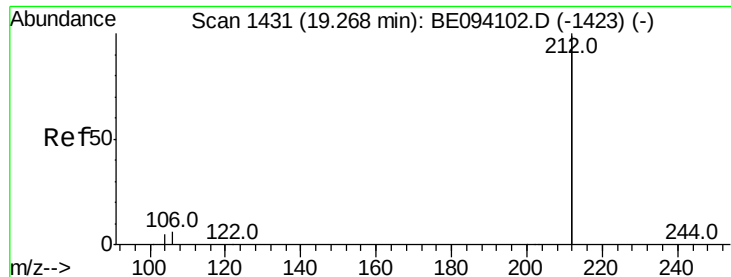


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.231 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

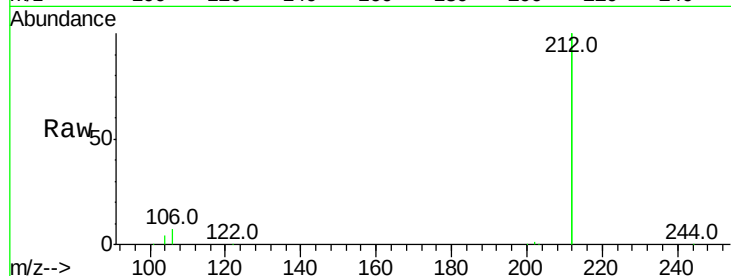
Tot Ion:212 Resp: 72513

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

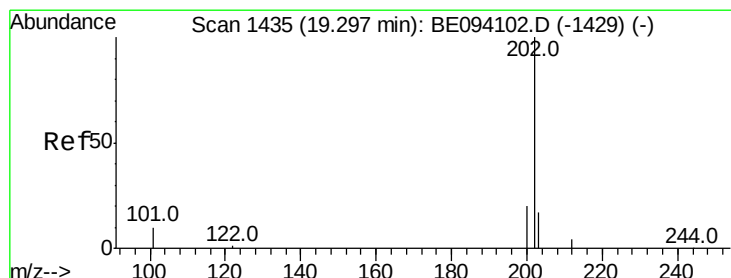
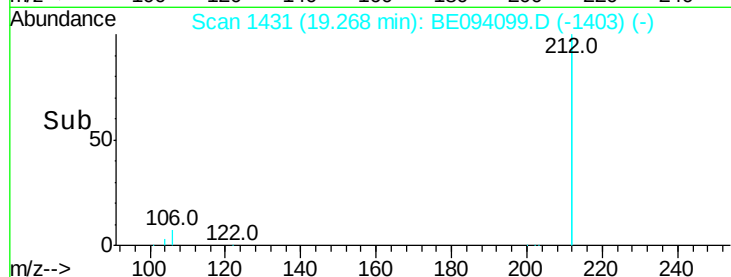
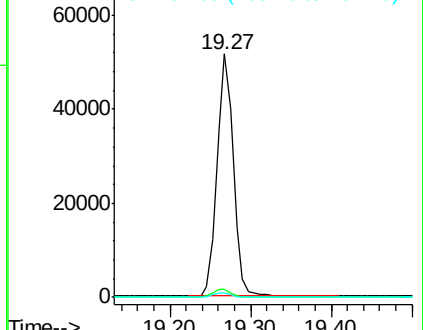
104 1.9 1.6 2.4



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: 0.232 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

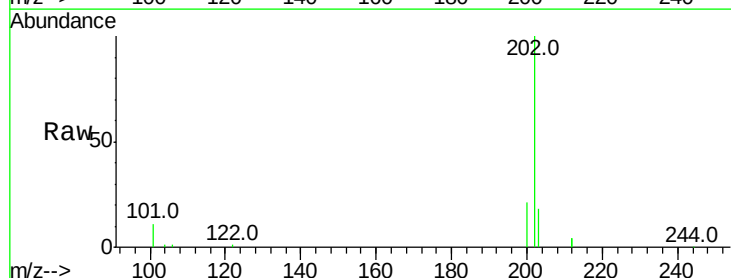
Tgt Ion:202 Resp: 21753

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

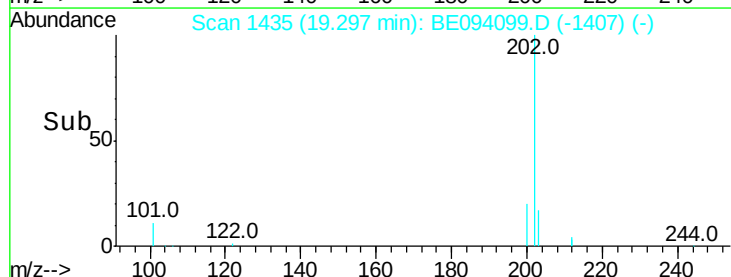
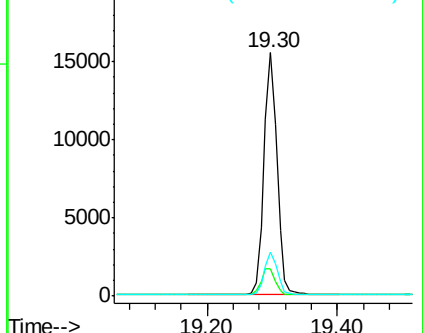
203 17.2 13.7 20.5

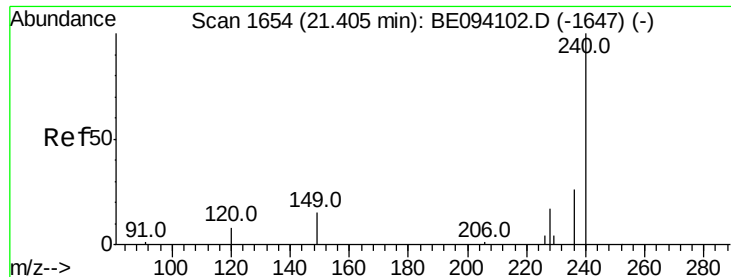


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

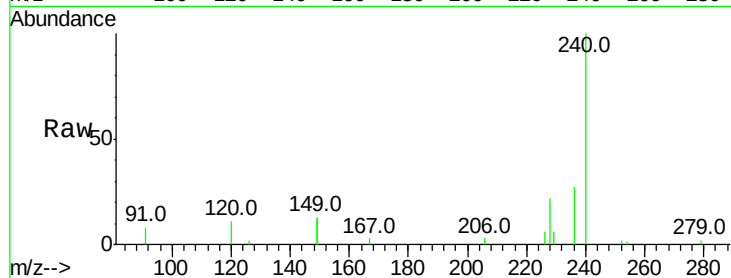
Tot Ion:240 Resp: 13966

Ion Ratio Lower Upper

240 100

120 11.1 5.5 8.3#

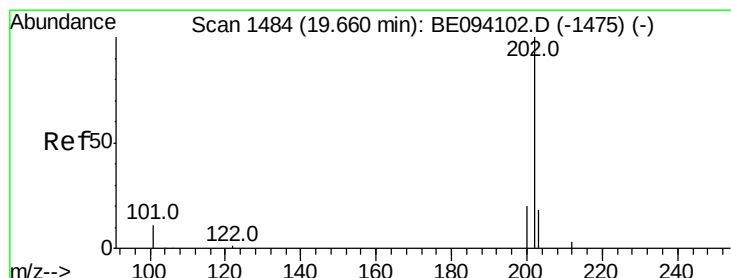
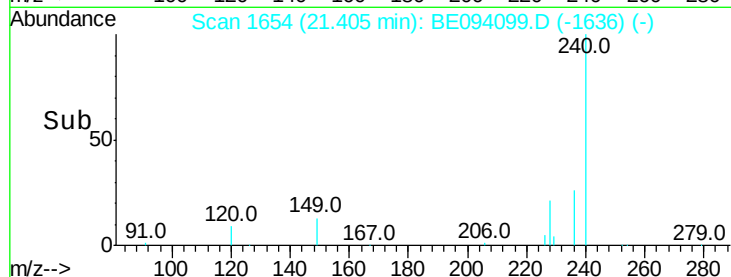
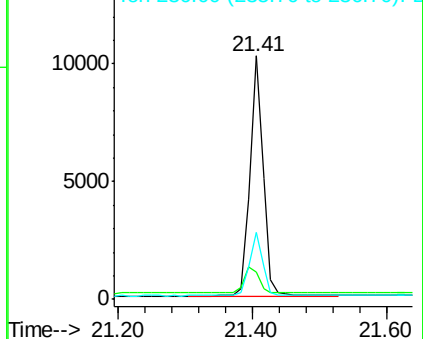
236 27.4 20.7 31.1



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: 0.566 ng

RT: 19.66 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

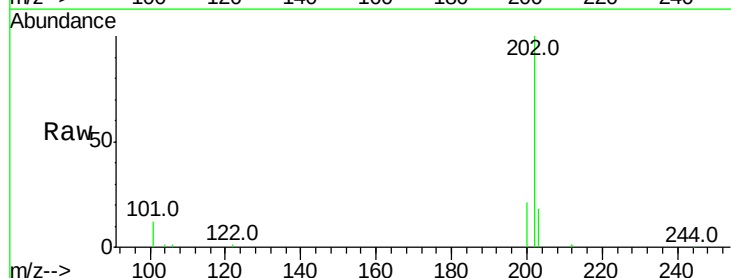
Tgt Ion:202 Resp: 21870

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

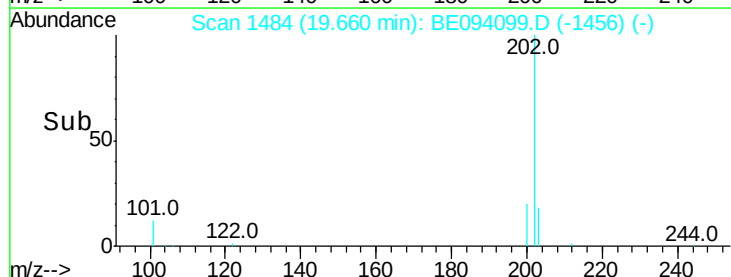
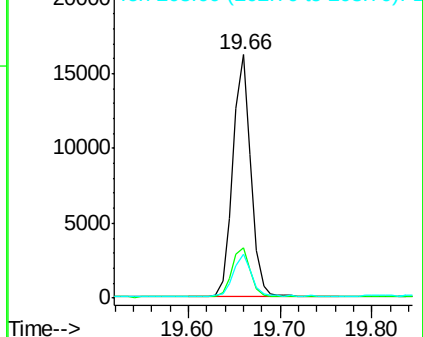
203 17.7 13.8 20.8

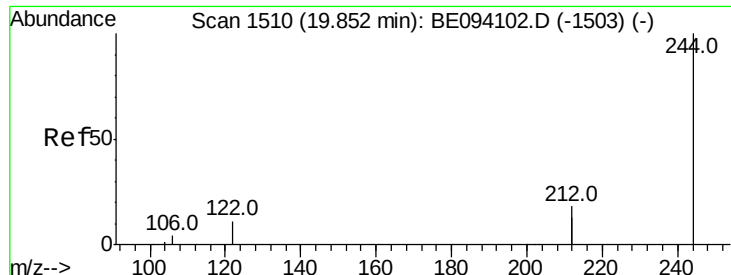


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.570 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

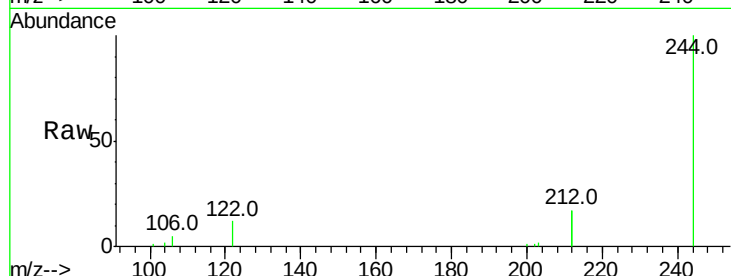
Tot Ion:244 Resp: 12465

Ion Ratio Lower Upper

244 100

212 33.7 25.4 38.0

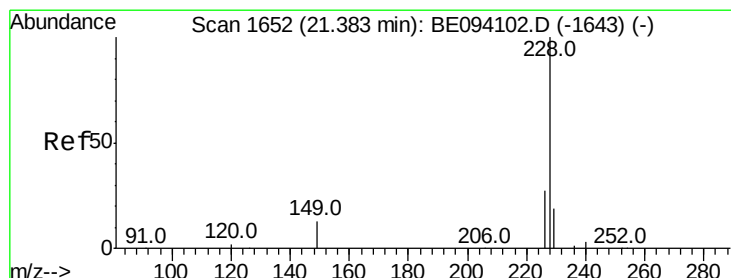
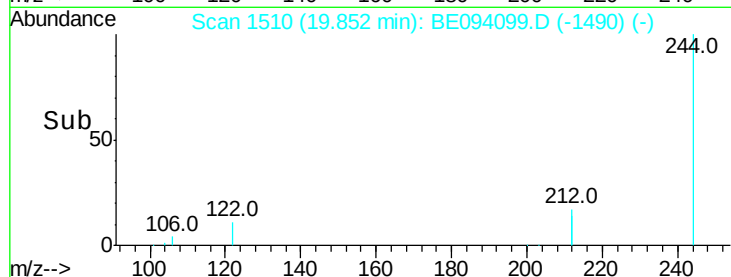
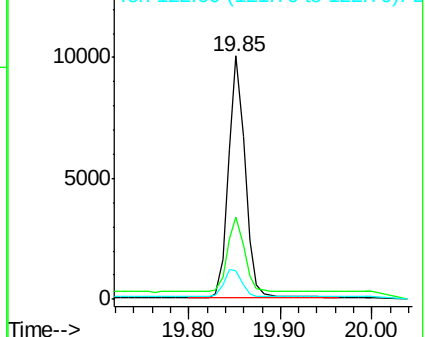
122 11.5 8.1 12.1



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: 0.404 ng

RT: 21.38 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

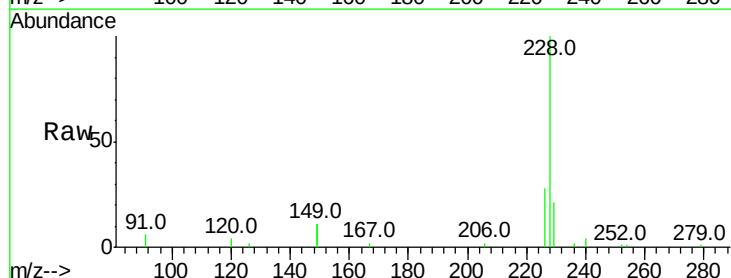
Tgt Ion:228 Resp: 18912

Ion Ratio Lower Upper

228 100

226 28.5 21.4 32.0

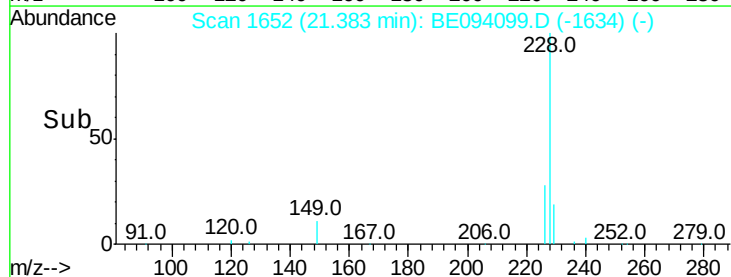
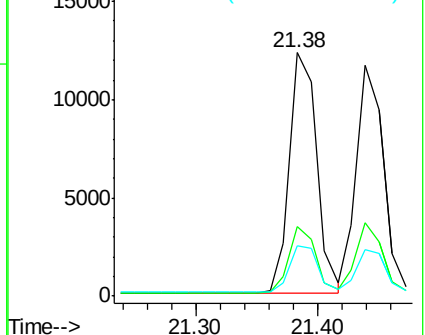
229 20.6 16.4 24.6

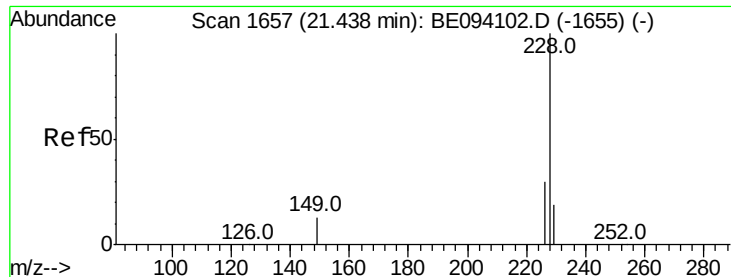


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.392 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

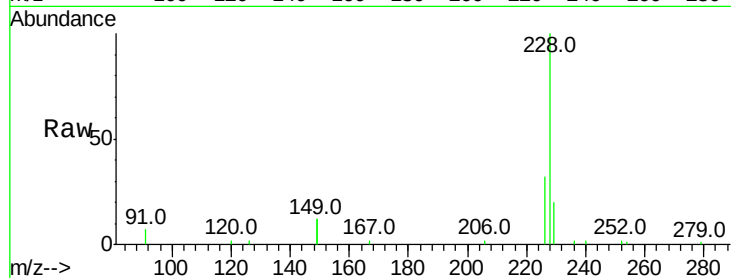
Tot Ion:228 Resp: 17974

Ion Ratio Lower Upper

228 100

226 32.0 23.6 35.4

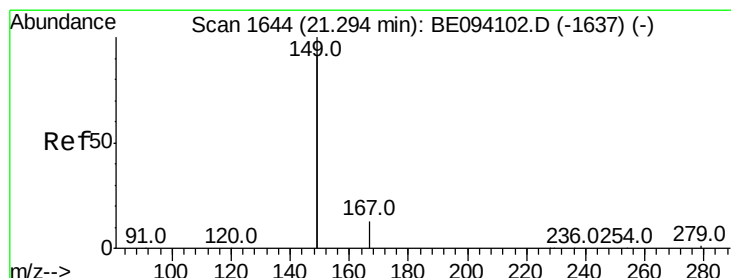
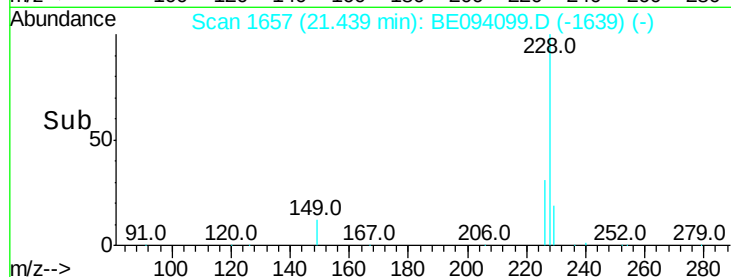
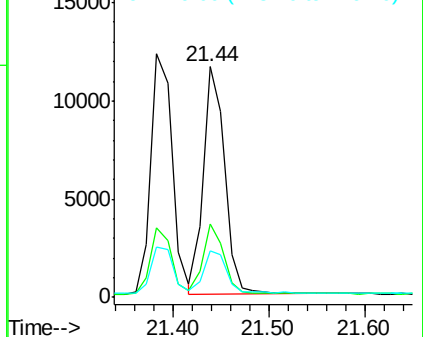
229 20.5 16.4 24.6



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: 0.432 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

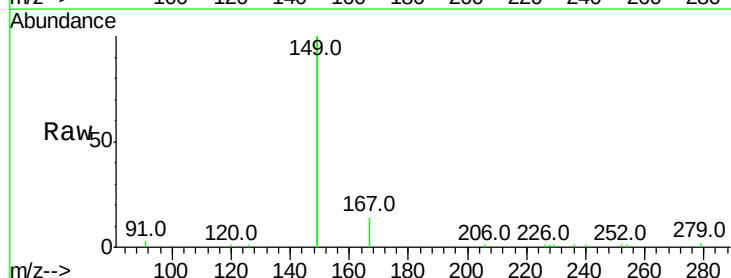
Tgt Ion:149 Resp: 54317

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

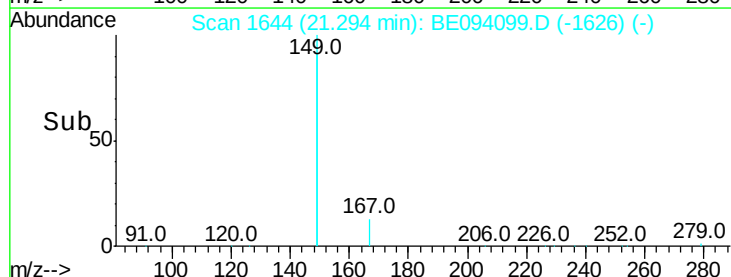
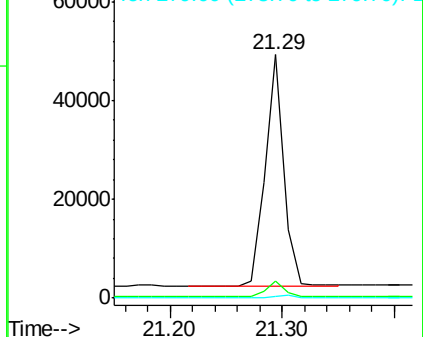
279 0.9 0.7 1.1

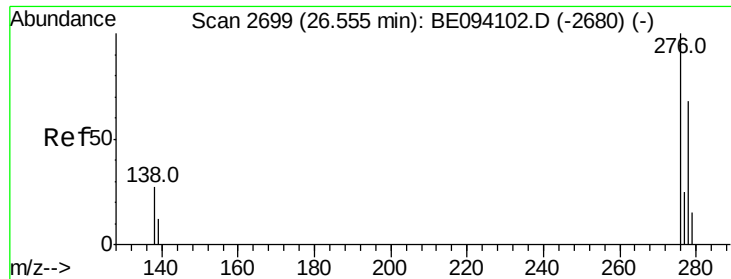


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.513 ng

RT: 26.55 min Scan# 2699

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

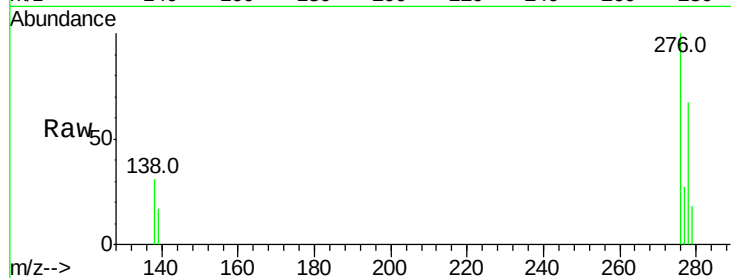
Tot Ion:276 Resp: 18173

Ion Ratio Lower Upper

276 100

138 28.0 22.5 33.7

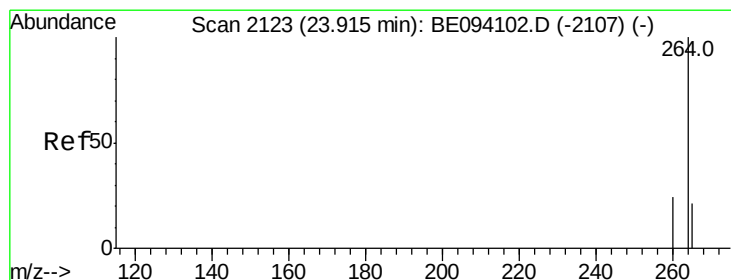
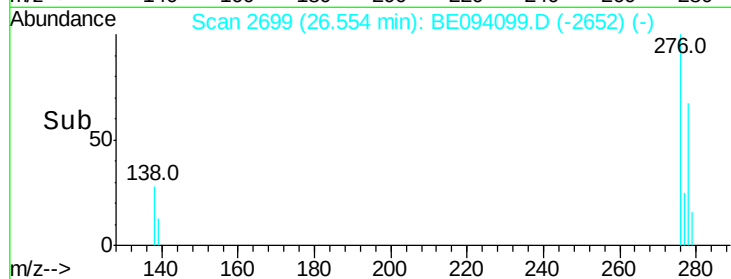
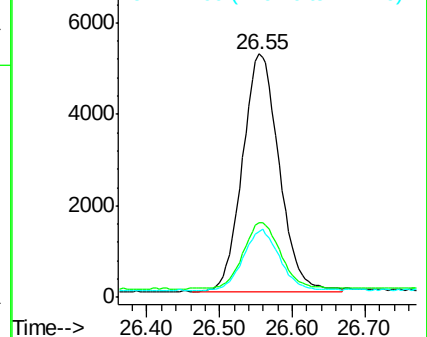
277 25.4 19.9 29.9



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: BE094099.D

Acq: 25 Sep 2017 12:58

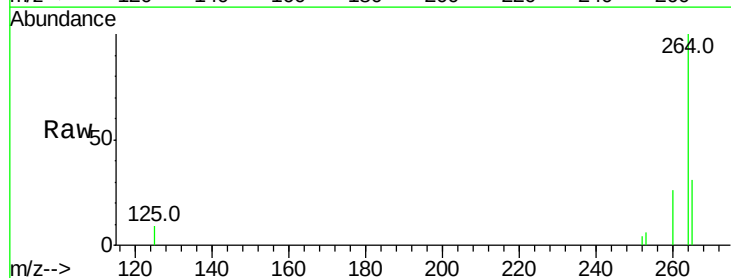
Tgt Ion:264 Resp: 13238

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

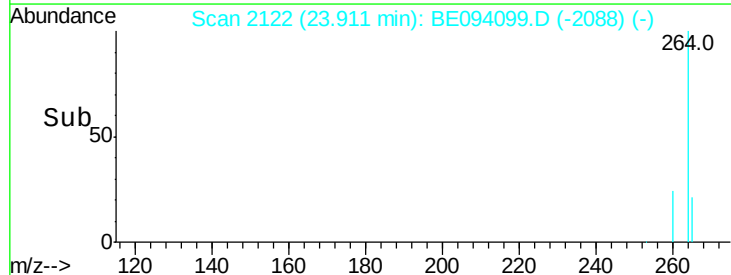
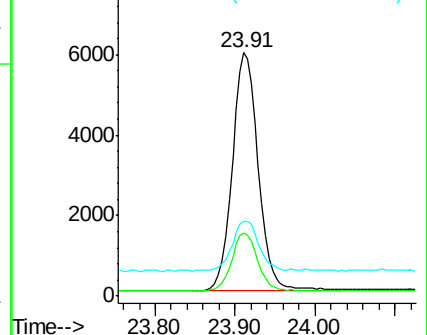
265 30.8 22.8 34.2

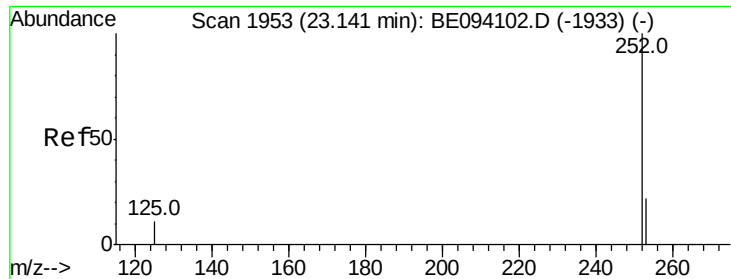


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.354 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

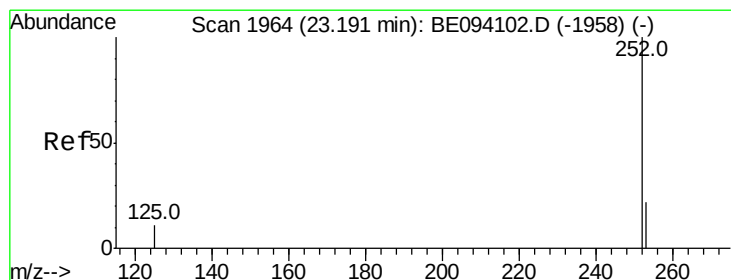
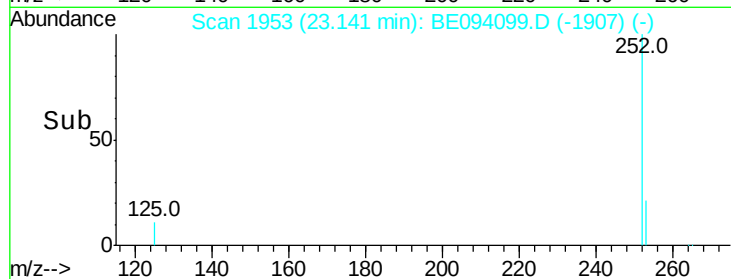
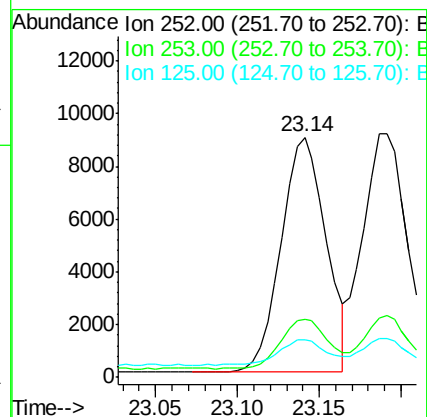
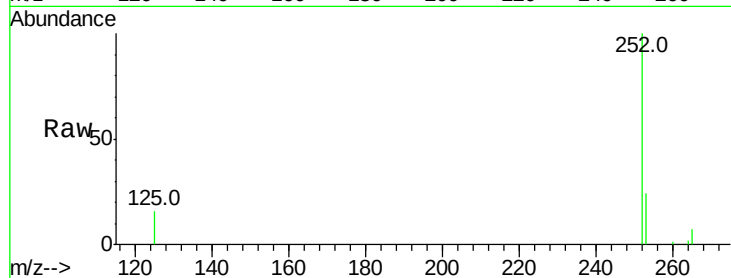
Tot Ion:252 Resp: 16962

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

125 15.8 10.1 15.1#



#36

Benzo(k)fluoranthene

Concen: 0.365 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

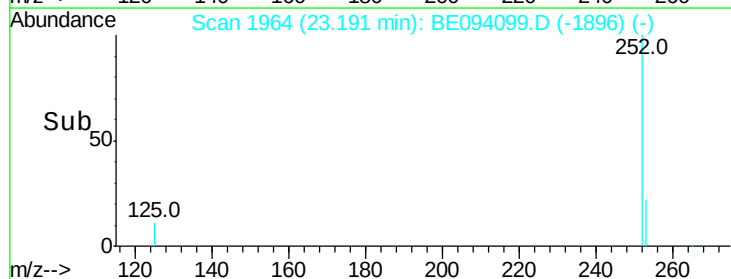
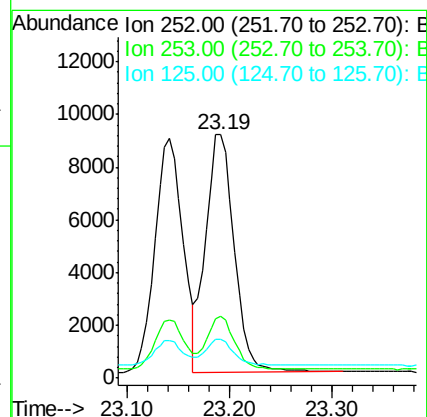
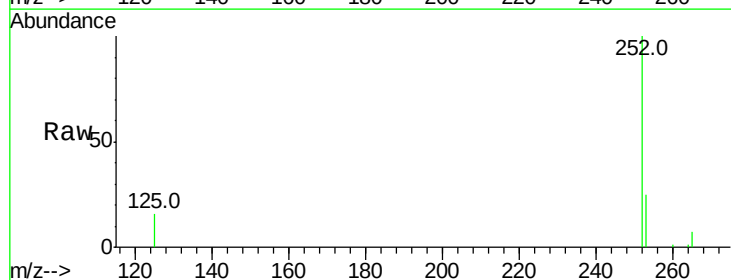
Tgt Ion:252 Resp: 17533

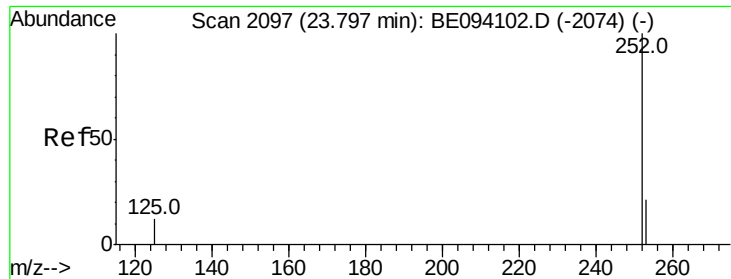
Ion Ratio Lower Upper

252 100

253 25.2 18.6 27.8

125 15.8 10.7 16.1





#37

Benzo(a)pyrene

Concen: 0.382 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

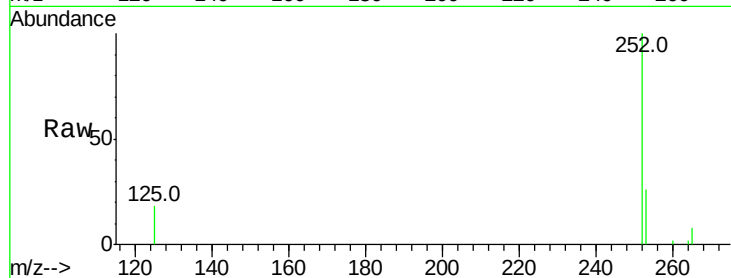
Tot Ion:252 Resp: 16449

Ion Ratio Lower Upper

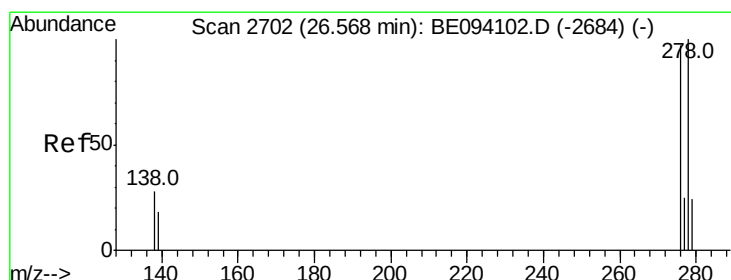
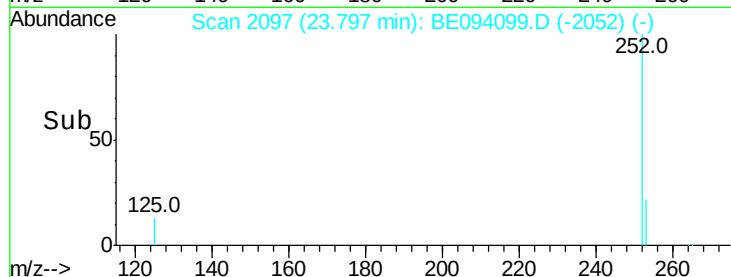
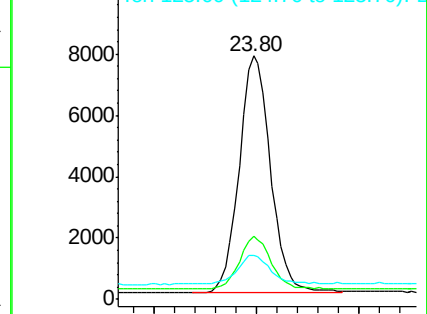
252 100

253 26.1 19.0 28.6

125 18.2 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: 0.446 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

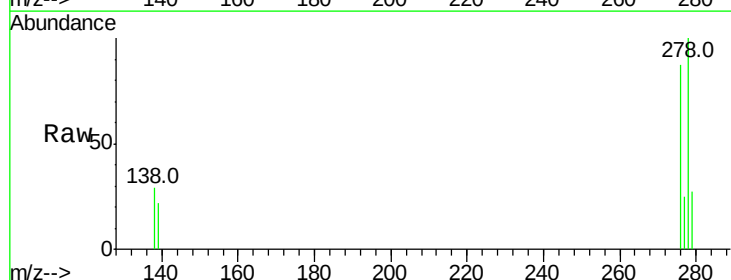
Tgt Ion:278 Resp: 15354

Ion Ratio Lower Upper

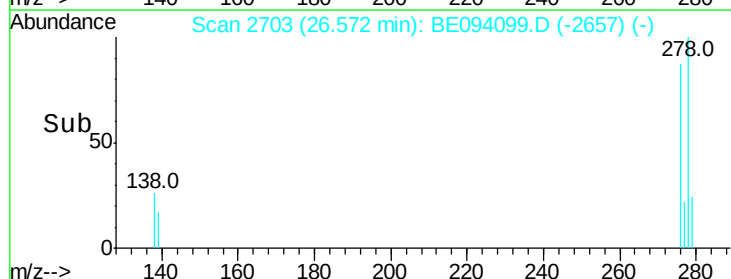
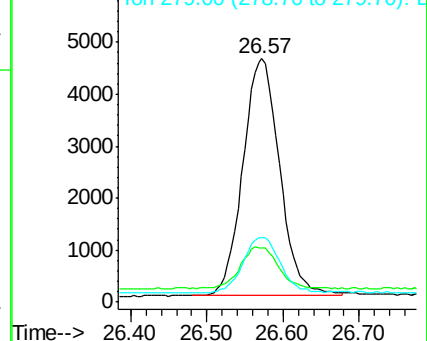
278 100

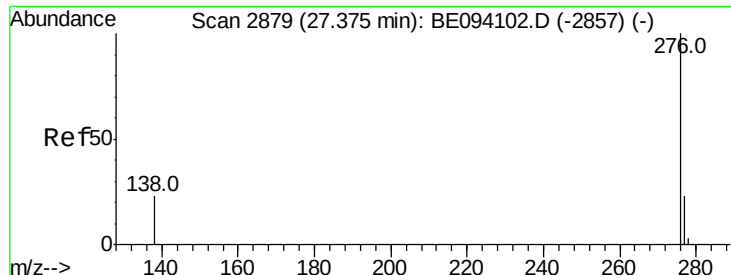
139 22.4 16.3 24.5

279 26.7 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: 0.453 ng

RT: 27.37 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BE094099.D

Acq: 25 Sep 2017 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

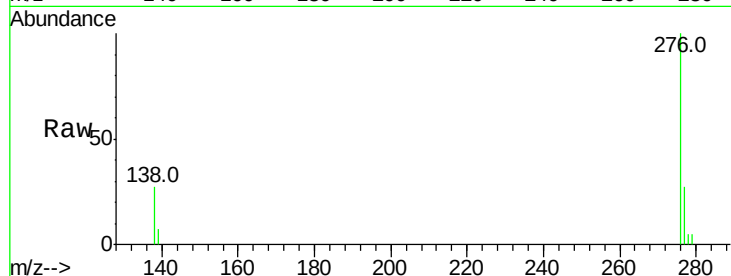
Tot Ion:276 Resp: 15599

Ion Ratio Lower Upper

276 100

277 26.7 20.8 31.2

138 27.1 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

