

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094105.D
 Acq On : 25 Sep 2017 16:46
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 17:23:57 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	1296	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	5984	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3580	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13465	0.40	ng	0.00
27) Chrysene-d12	21.40	240	13636	0.40	ng	0.00
34) Perylene-d12	23.91	264	12819	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	14559	2.14	ng	0.00
5) Phenol-d6	7.09	99	21184	2.76	ng	0.00
8) Nitrobenzene-d5	9.04	82	17863	3.36	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	29250	2.88	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	6087	2.24	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	37596	3.20	ng	0.00
25) Fluoranthene-d10	19.27	212	409003	2.37	ng	0.00
29) Terphenyl-d14	19.85	244	73423	3.44	ng	0.00

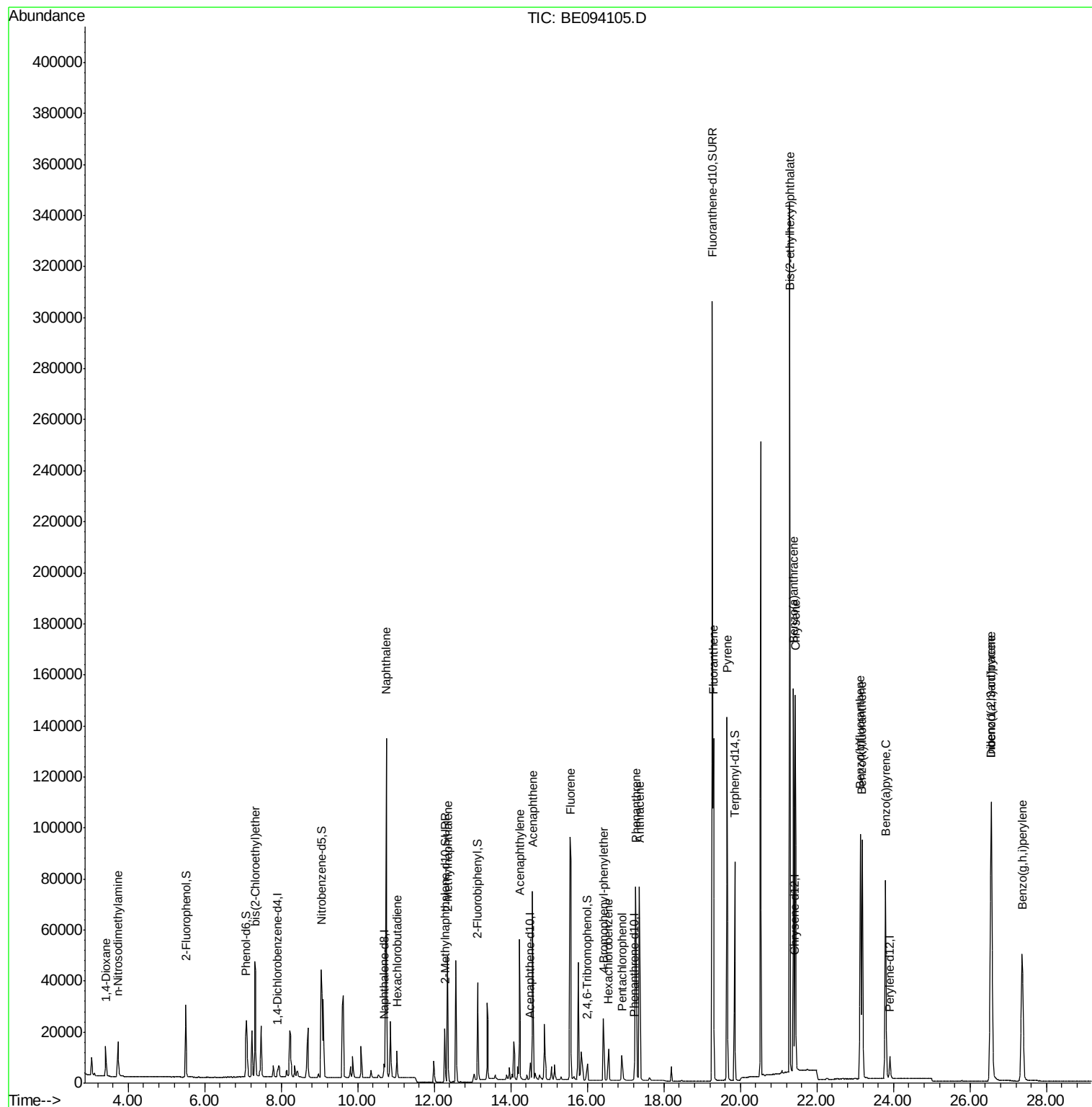
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	6859	2.535	ng	# 83
3) n-Nitrosodimethylamine	3.73	42	9158	2.733	ng	# 94
6) bis(2-Chloroethyl)ether	7.33	93	16414	2.868	ng	93
9) Naphthalene	10.74	128	212917	2.793	ng	99
10) Hexachlorobutadiene	11.02	225	7677	3.170	ng	97
12) 2-Methylnaphthalene	12.35	142	35021	2.898	ng	98
16) Acenaphthylene	14.23	152	59309	3.291	ng	100
17) Acenaphthene	14.57	154	36497	3.053	ng	98
18) Fluorene	15.56	166	49750	2.794	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	18468	2.565	ng	95
21) Hexachlorobenzene	16.55	284	11856	2.245	ng	# 87
22) Pentachlorophenol	16.91	266	9036	24.016	ng	# 70
23) Phenanthrene	17.27	178	113069	2.344	ng	98
24) Anthracene	17.36	178	112873	3.035	ng	98
26) Fluoranthene	19.30	202	122913	2.375	ng	99
28) Pyrene	19.65	202	131712	3.491	ng	100
30) Benzo(a)anthracene	21.38	228	140939	3.086	ng	98
31) Chrysene	21.44	228	134914	3.015	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	364666	2.972	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	142180	4.110	ng	99
35) Benzo(b)fluoranthene	23.14	252	135997	2.931	ng	98
36) Benzo(k)fluoranthene	23.19	252	134759	2.895	ng	97
37) Benzo(a)pyrene	23.80	252	128783	3.091	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	121941	3.655	ng	97
39) Benzo(g,h,i)perylene	27.37	276	120673	3.620	ng	96

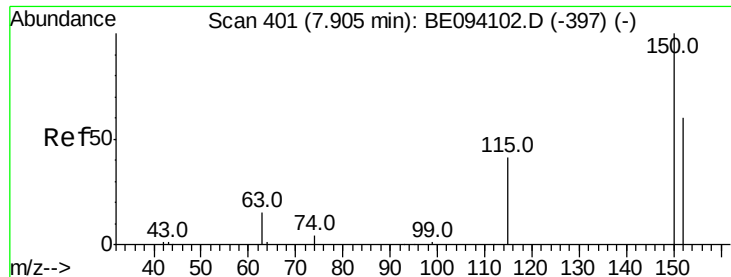
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

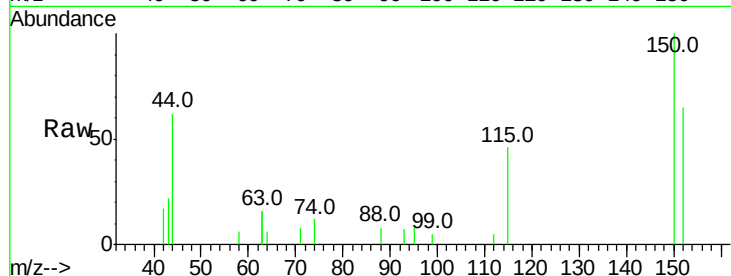
Tot Ion:152 Resp: 1296

Ion Ratio Lower Upper

152 100

150 153.6 117.2 175.8

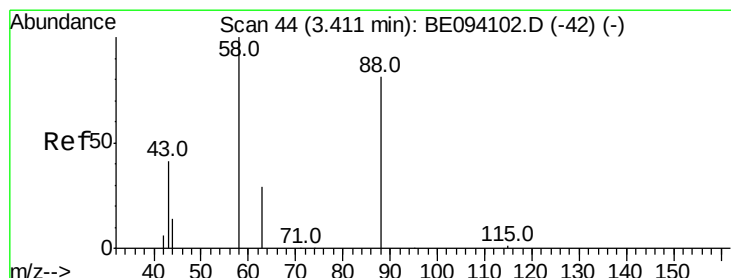
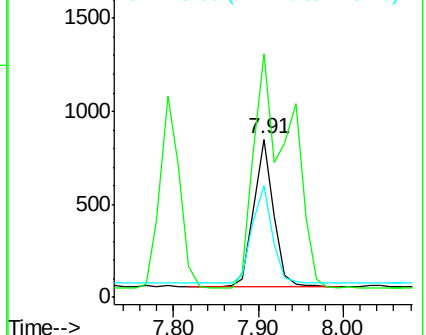
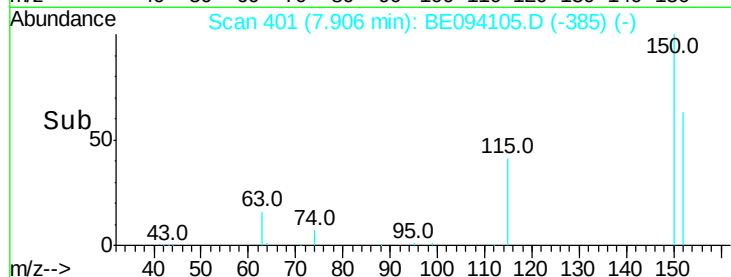
115 70.2 57.0 85.6



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: 2.535 ng

RT: 3.41 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

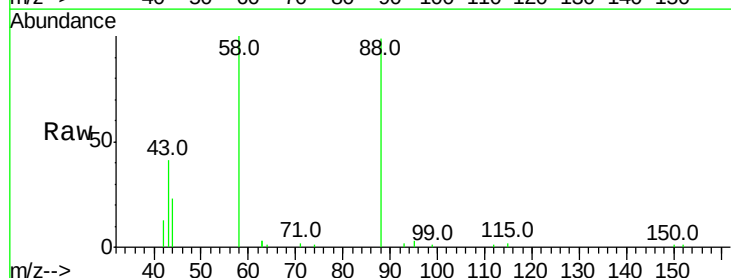
Tgt Ion: 88 Resp: 6859

Ion Ratio Lower Upper

88 100

58 91.3 63.2 94.8

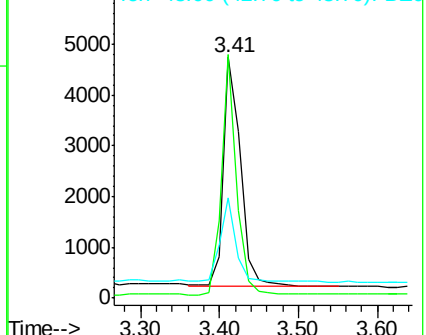
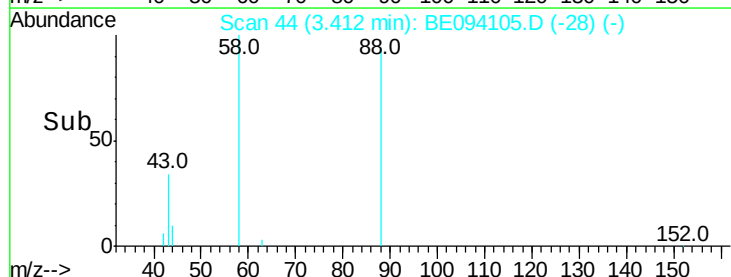
43 35.7 41.2 61.8#

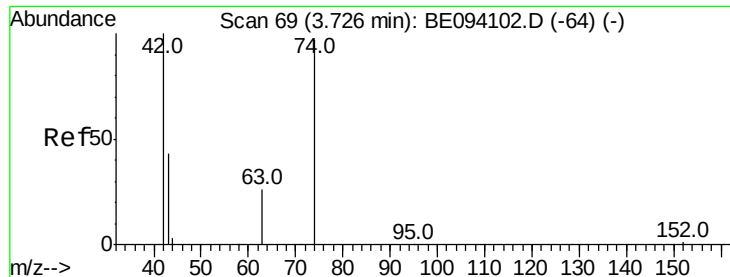


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



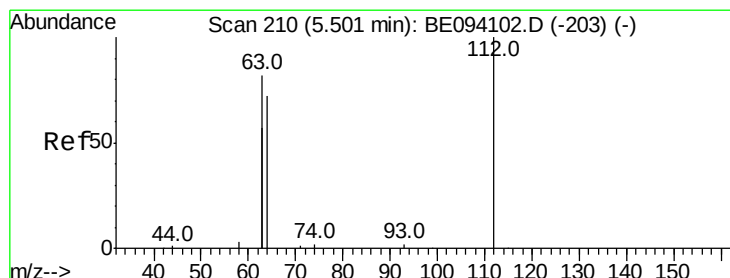
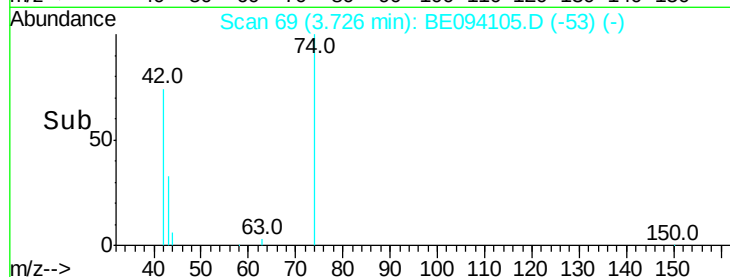
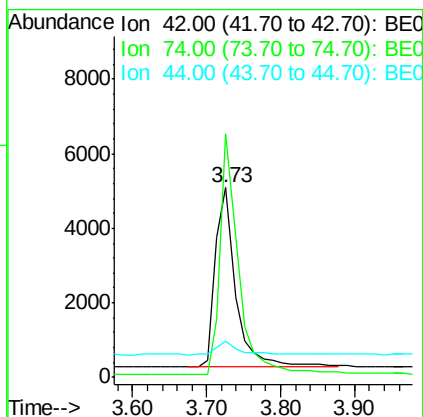
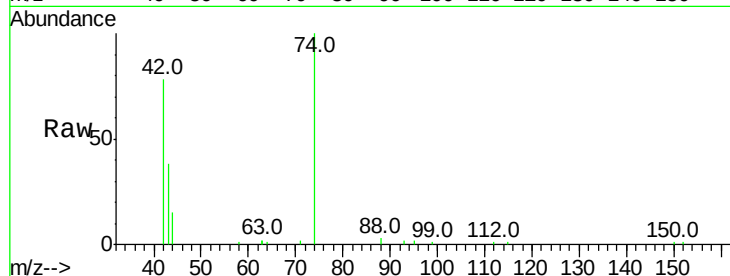


#3

n-Nitrosodimethylamine
 Concen: 2.733 ng
 RT: 3.73 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE094105.D
 Acq: 25 Sep 2017 16:46

Instrument :
 BNA_E
 ClientSampleId :

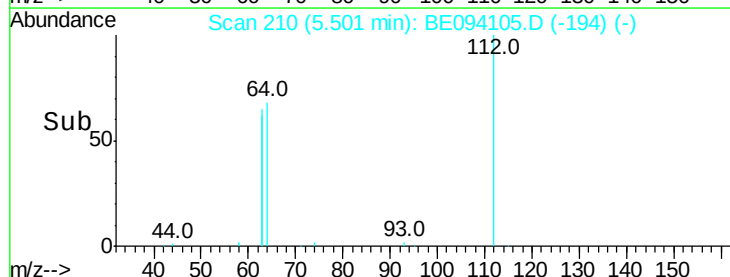
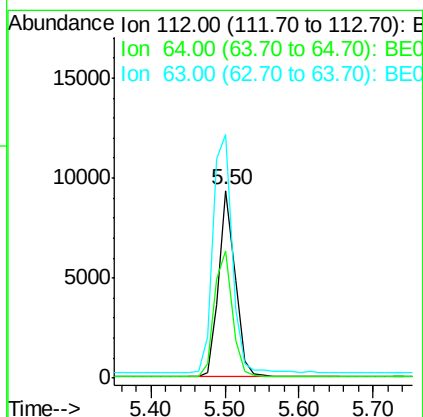
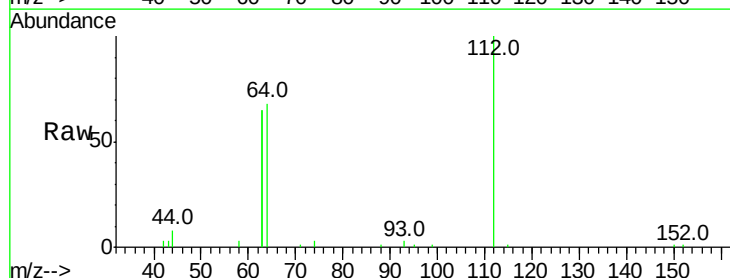
Tot Ion	Ratio	Lower	Upper
42	100		
74	122.9	100.3	150.5
44	7.9	17.0	25.4#

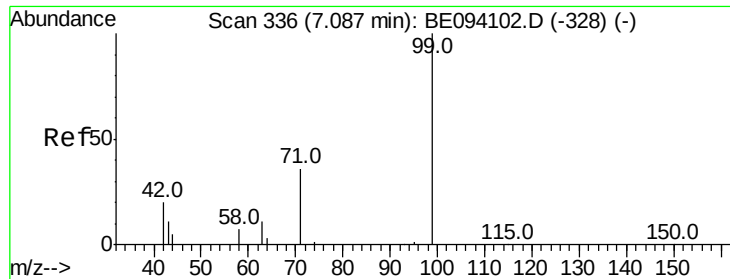


#4

2-Fluorophenol
 Concen: 2.140 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094105.D
 Acq: 25 Sep 2017 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	60.1	90.1
63	148.3	116.8	175.2





#5

Phenol-d6

Concen: 2.764 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

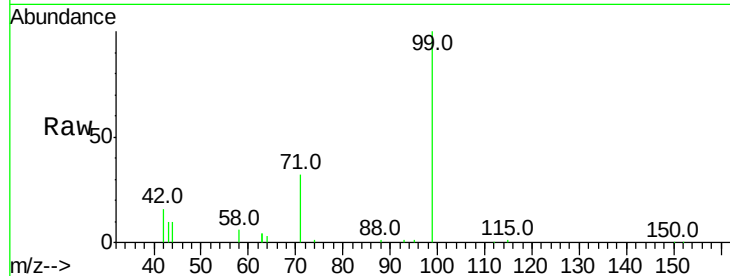
Tot Ion: 99 Resp: 21184

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

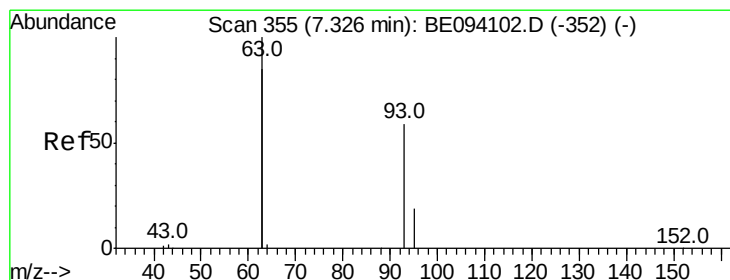
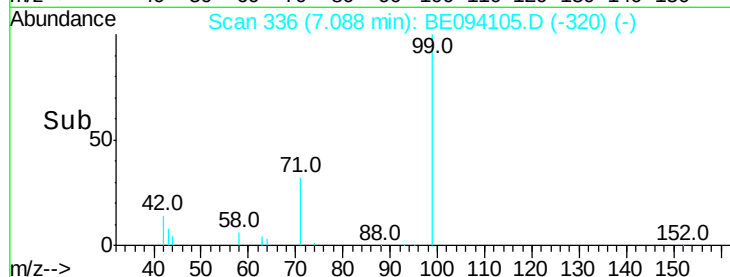
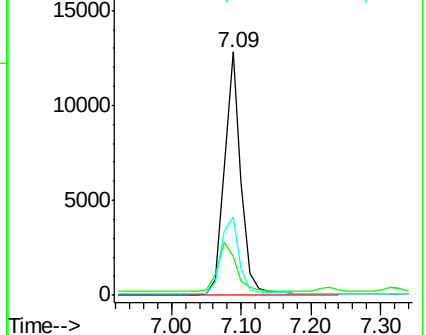
71 35.0 28.4 42.6



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: 2.868 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

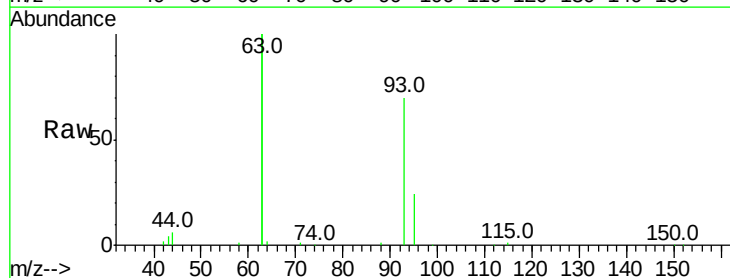
Tgt Ion: 93 Resp: 16414

Ion Ratio Lower Upper

93 100

63 360.7 275.3 412.9

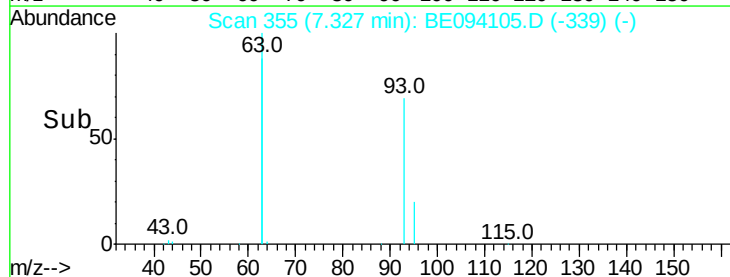
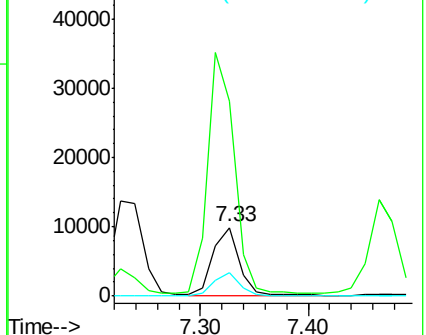
95 32.0 25.2 37.8

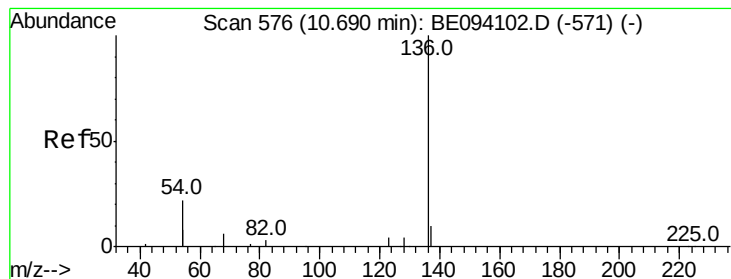


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 5984

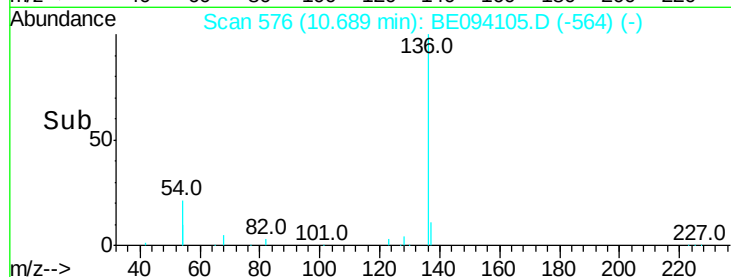
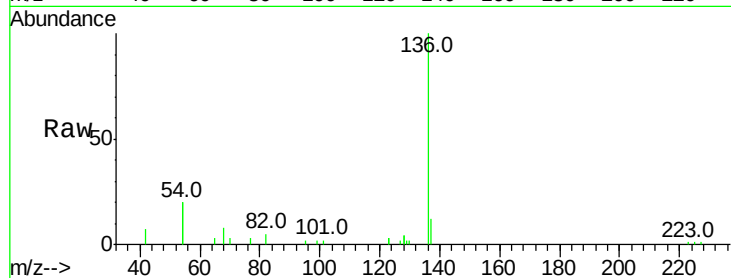
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 41.0 29.1 43.7

68 7.9 6.2 9.2

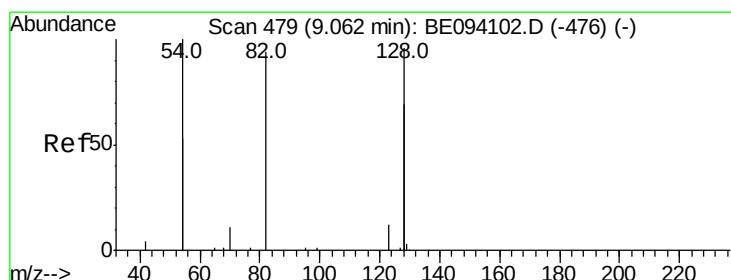
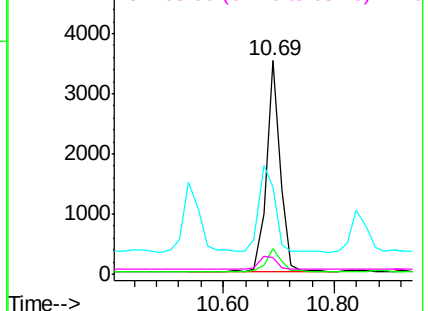


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.357 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

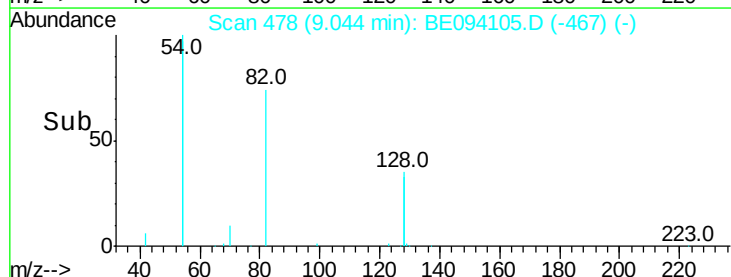
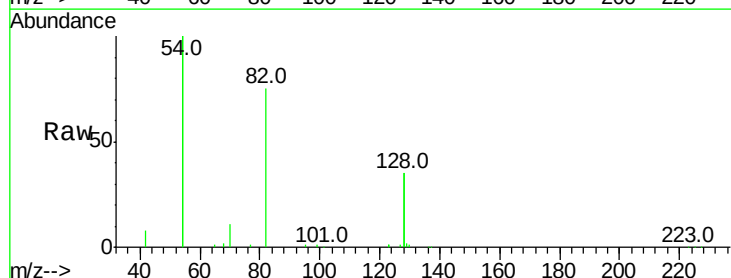
Tgt Ion: 82 Resp: 17863

Ion Ratio Lower Upper

82 100

128 93.9 150.0 225.0#

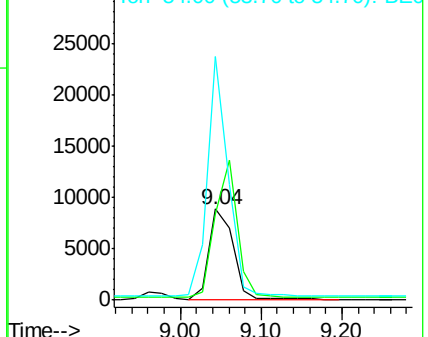
54 267.1 154.2 231.4#

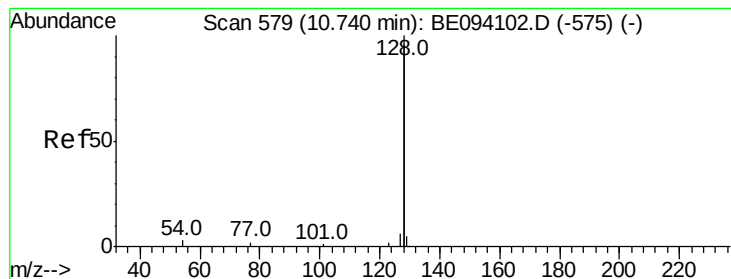


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 2.793 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

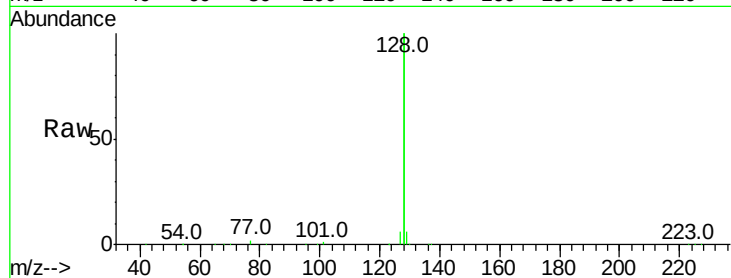
Tot Ion:128 Resp: 212917

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

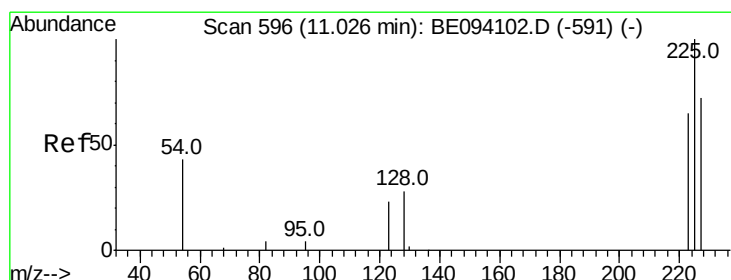
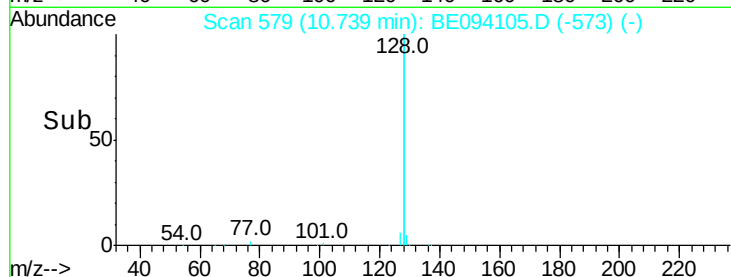
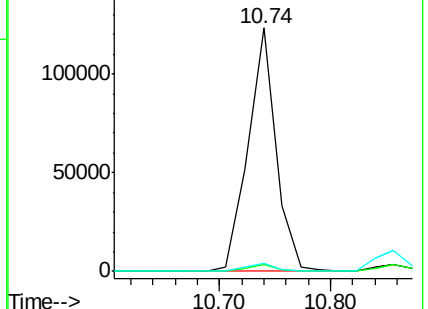
127 3.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.170 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

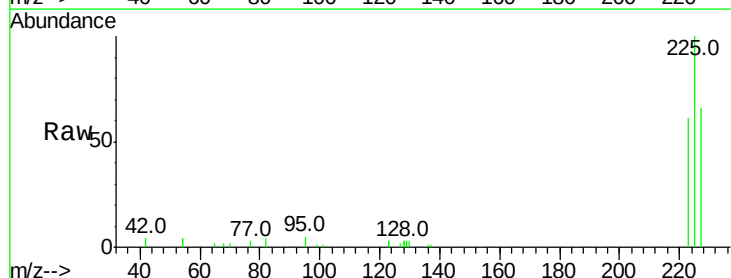
Tgt Ion:225 Resp: 7677

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

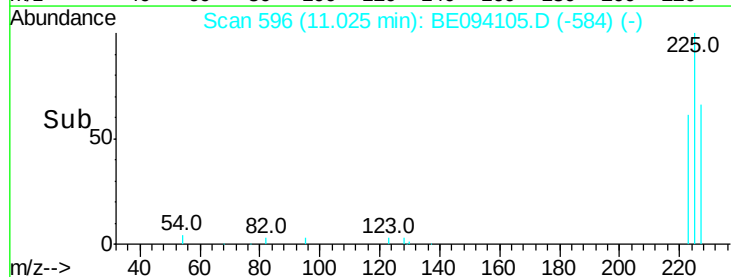
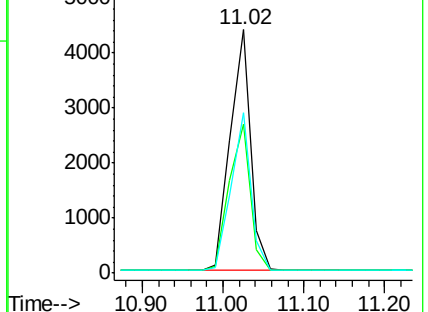
227 63.5 51.4 77.2

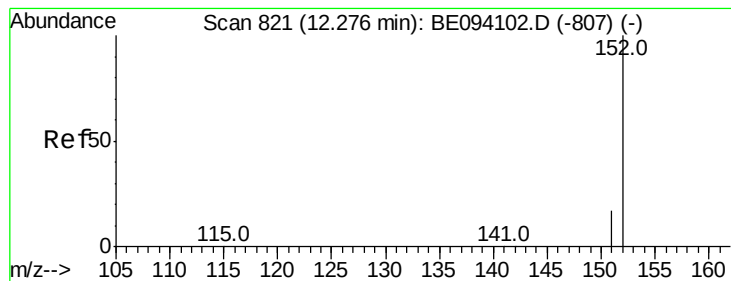


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 2.885 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

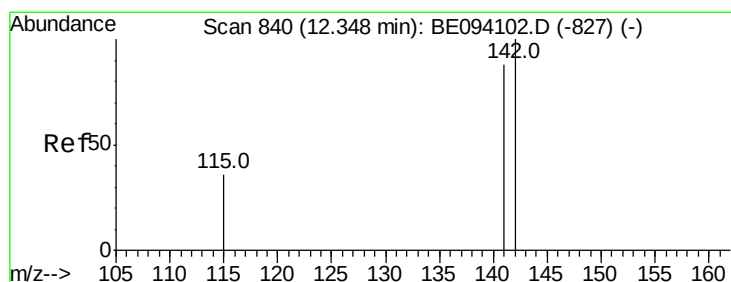
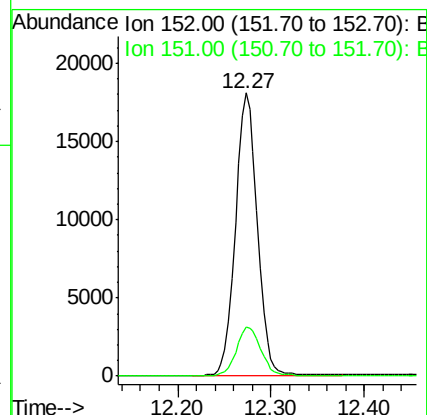
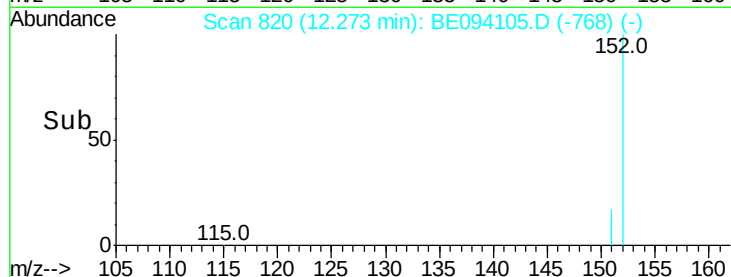
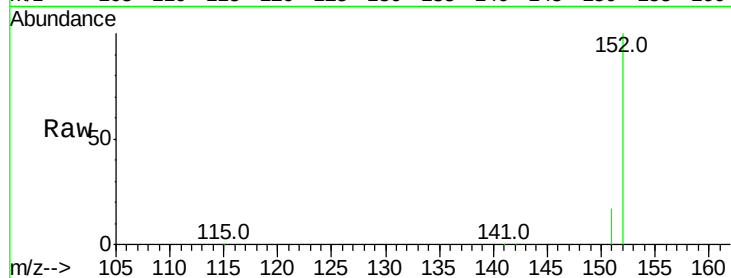
ClientSampleId :

Tot Ion:152 Resp: 29250

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



#12

2-Methylnaphthalene

Concen: 2.898 ng

RT: 12.35 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

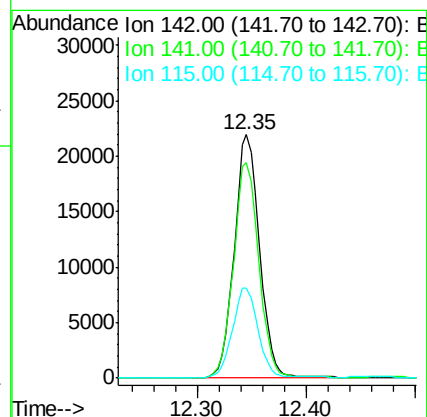
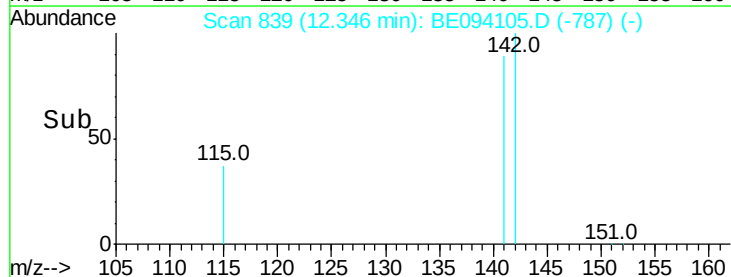
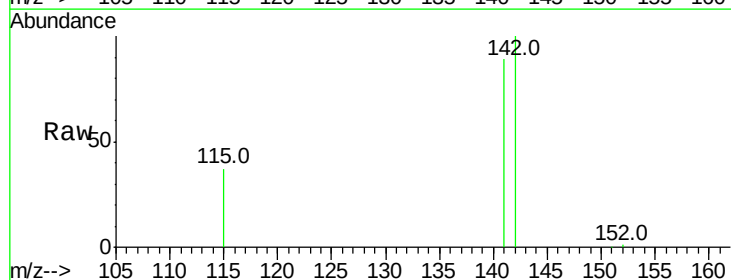
Tgt Ion:142 Resp: 35021

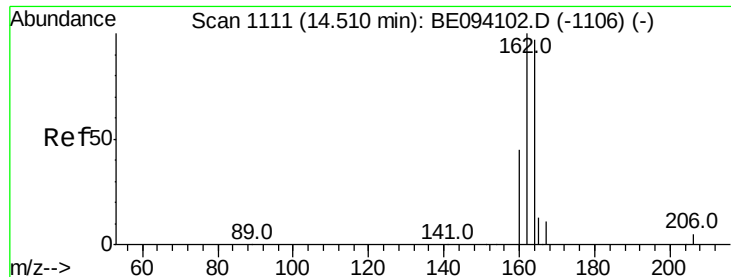
Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

115 37.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

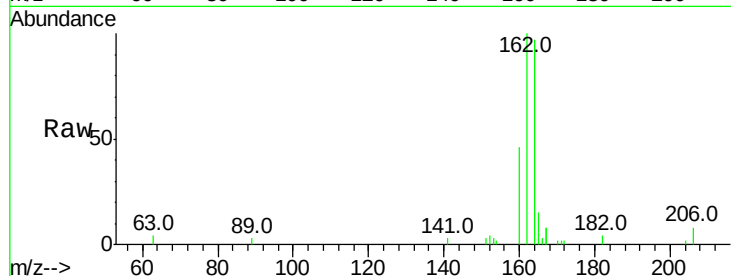
Tot Ion:164 Resp: 3580

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

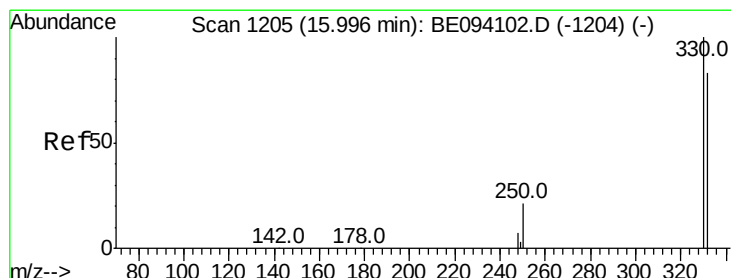
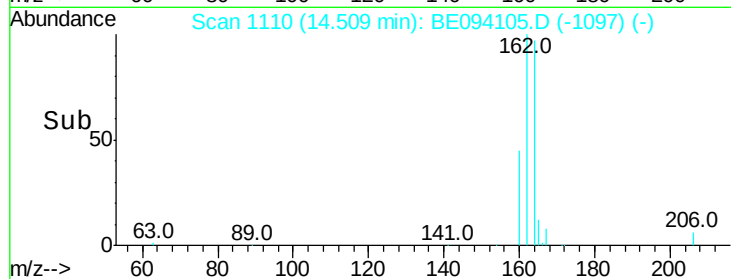
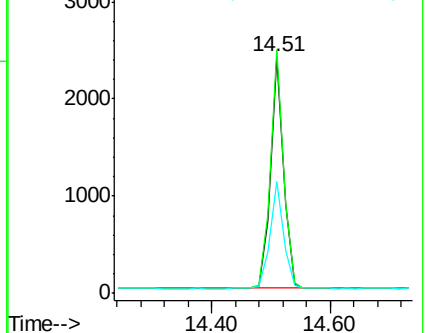
160 47.3 37.1 55.7



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: 2.242 ng

RT: 16.00 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

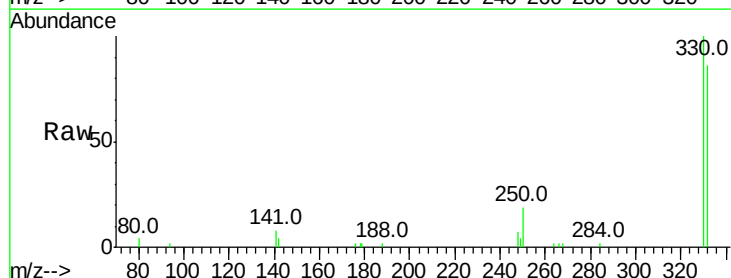
Tgt Ion:330 Resp: 6087

Ion Ratio Lower Upper

330 100

332 87.3 152.7 229.1#

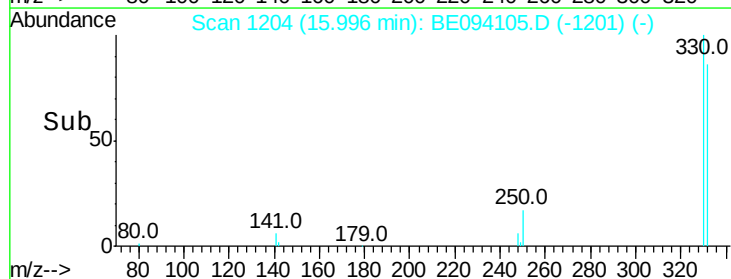
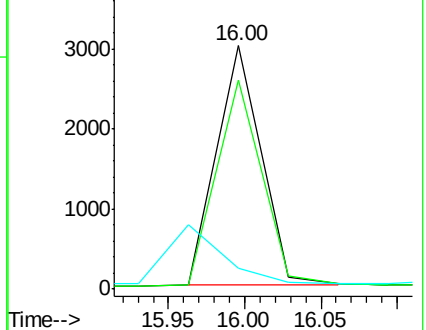
141 0.0 33.7 50.5#

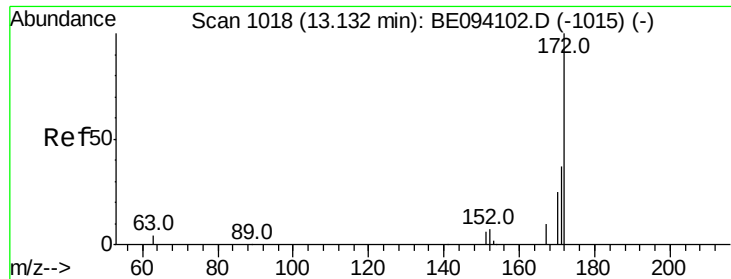


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

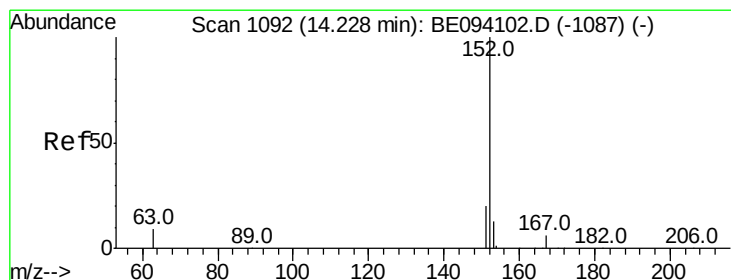
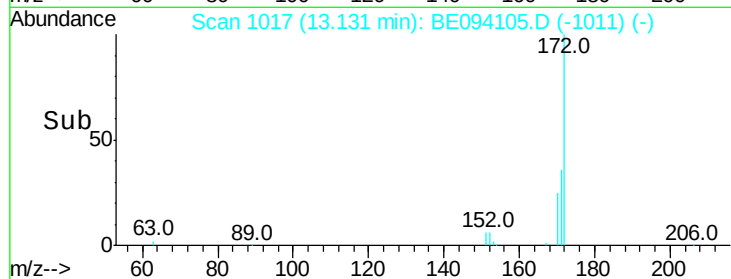
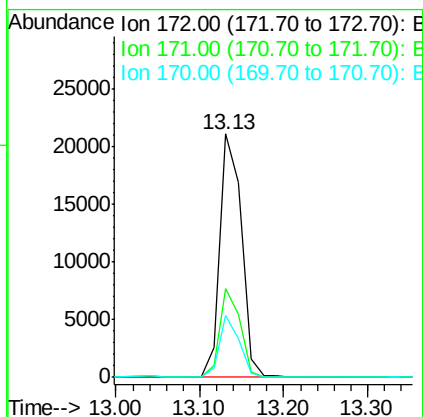
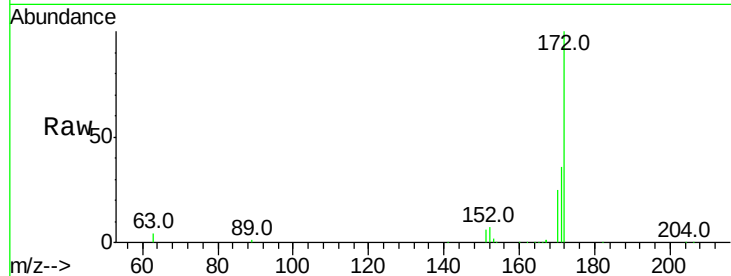




#15
2-Fluorobiphenyl
Concen: 3.197 ng
RT: 13.13 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE094105.D
Acq: 25 Sep 2017 16:46

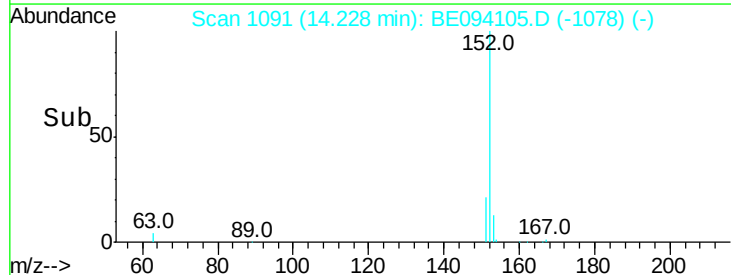
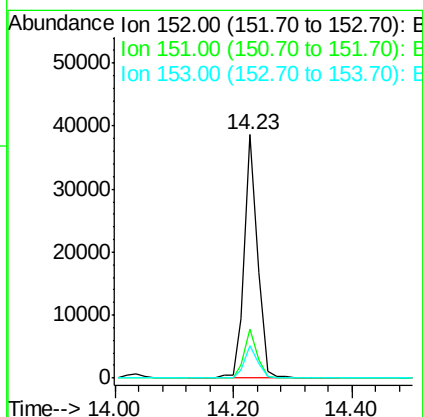
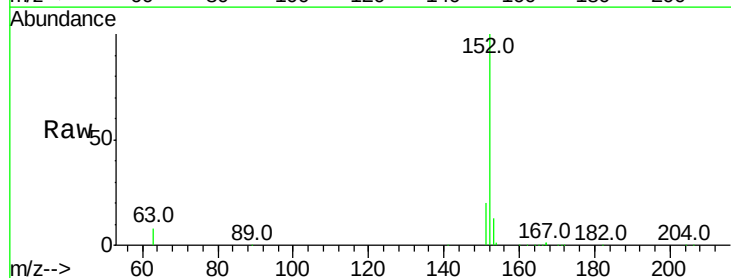
Instrument :
BNA_E
ClientSampleId :

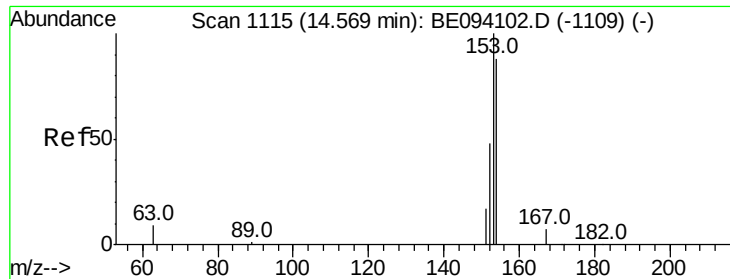
Tot Ion:172 Resp: 37596
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 25.3 21.8 32.8



#16
Acenaphthylene
Concen: 3.291 ng
RT: 14.23 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE094105.D
Acq: 25 Sep 2017 16:46

Tgt Ion:152 Resp: 59309
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 3.053 ng

RT: 14.57 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

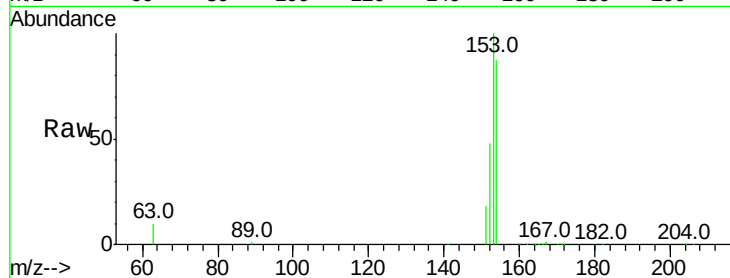
Tot Ion:154 Resp: 36497

Ion Ratio Lower Upper

154 100

153 113.6 89.2 133.8

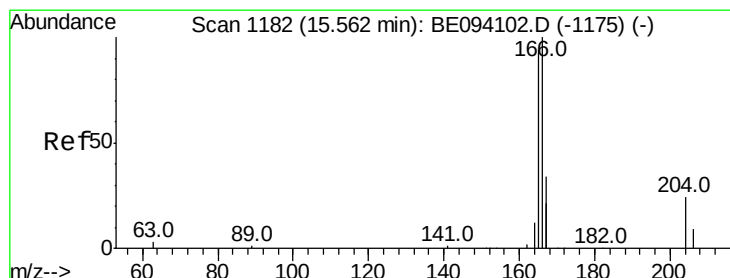
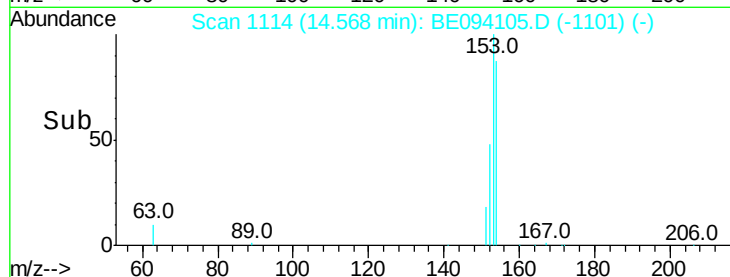
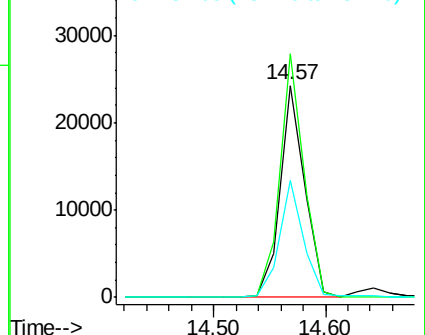
152 54.1 42.0 63.0



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: 2.794 ng

RT: 15.56 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

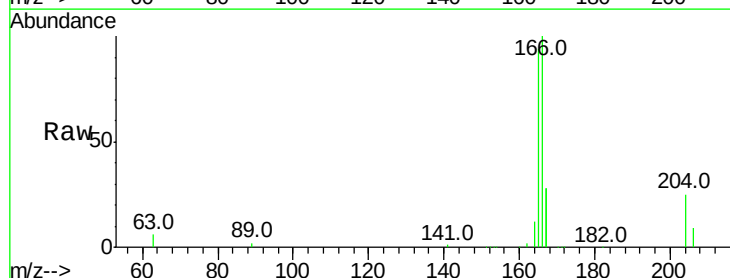
Tgt Ion:166 Resp: 49750

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

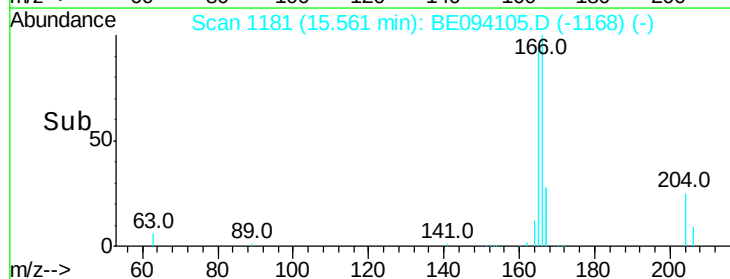
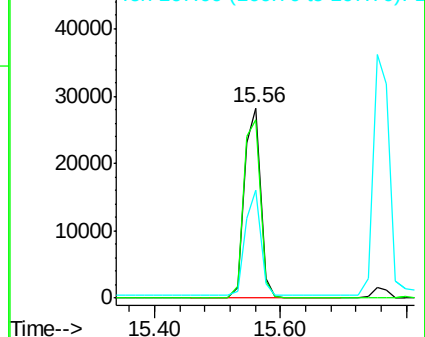
167 53.4 42.4 63.6

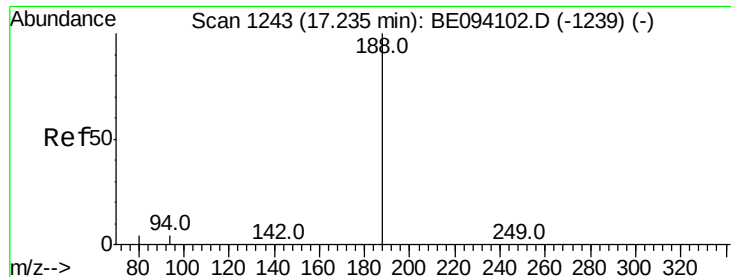


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

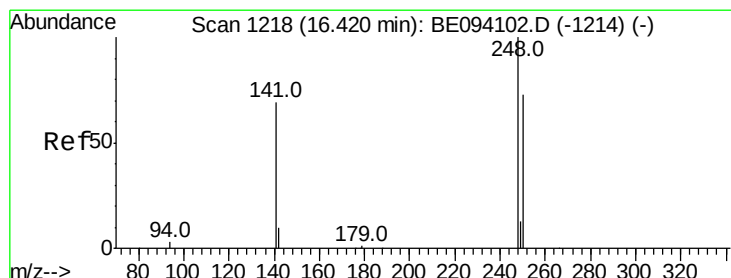
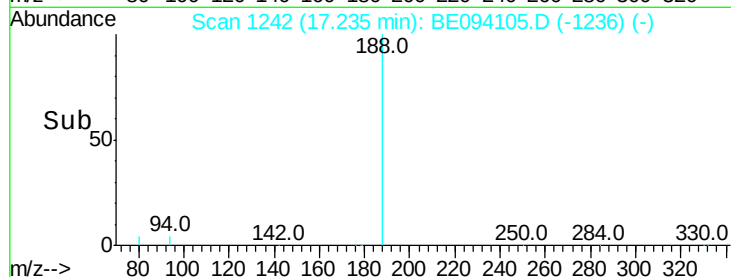
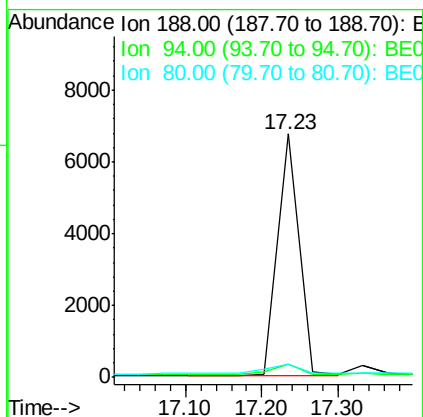
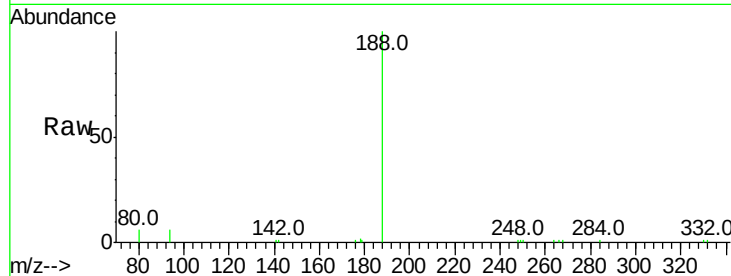




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BE094105.D
 Acq: 25 Sep 2017 16:46

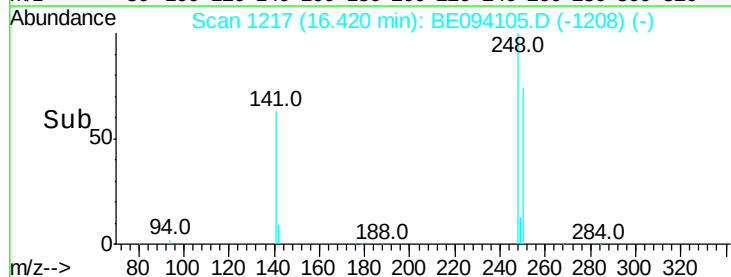
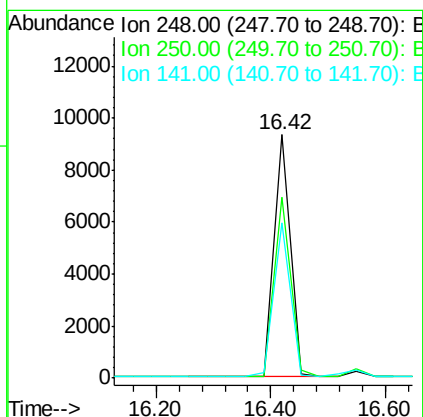
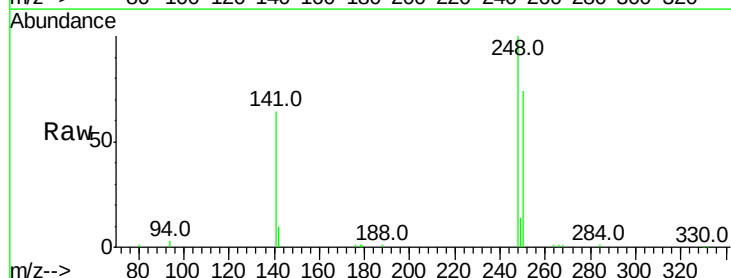
Instrument :
 BNA_E
 ClientSampleId :

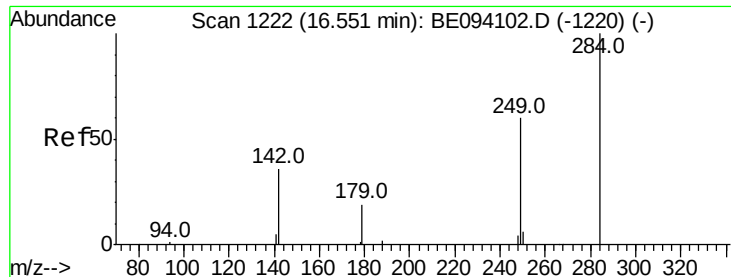
Tot Ion:188 Resp: 13465
 Ion Ratio Lower Upper
 188 100
 94 5.7 3.9 5.9
 80 5.6 3.6 5.4#



#20
 4-Bromophenyl-phenylether
 Concen: 2.565 ng
 RT: 16.42 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BE094105.D
 Acq: 25 Sep 2017 16:46

Tgt Ion:248 Resp: 18468
 Ion Ratio Lower Upper
 248 100
 250 74.1 62.7 94.1
 141 63.7 48.2 72.2

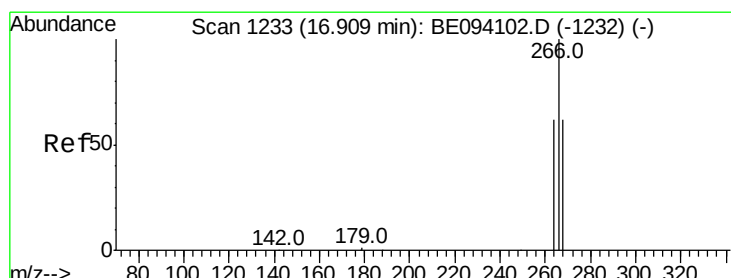
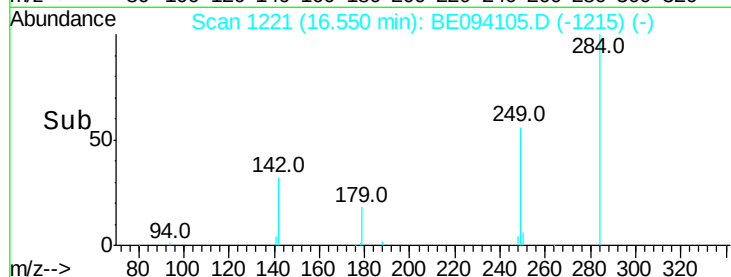
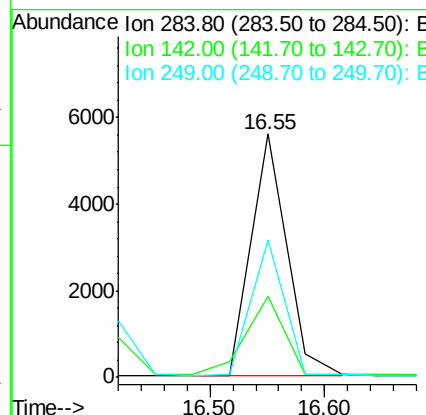
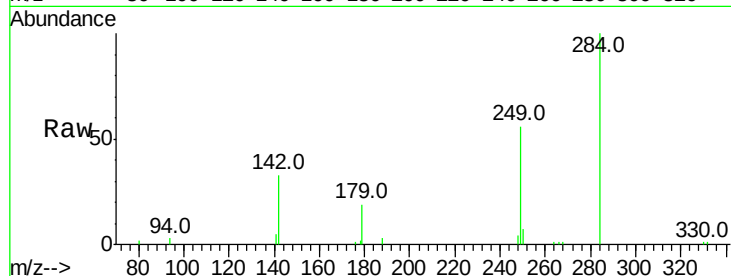




#21
Hexachlorobenzene
Concen: 2.245 ng
RT: 16.55 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BE094105.D
Acq: 25 Sep 2017 16:46

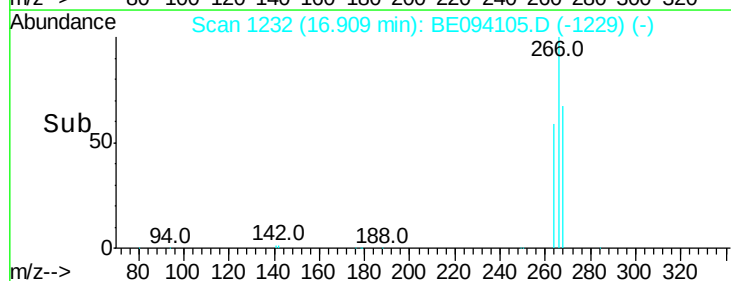
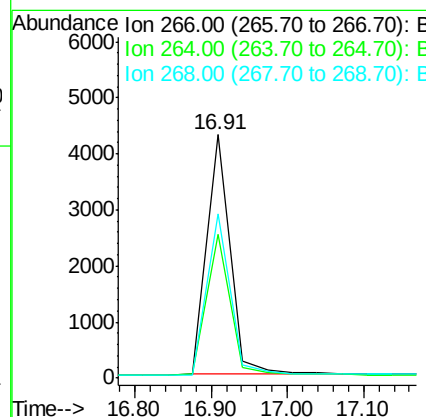
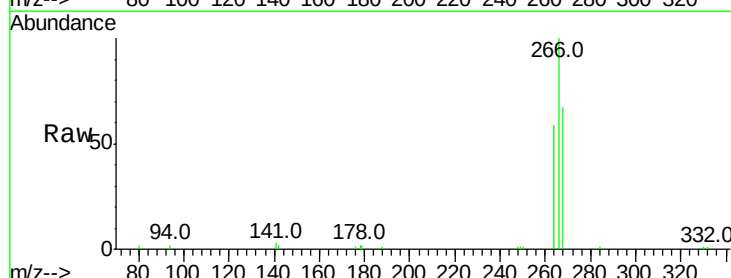
Instrument :
BNA_E
ClientSampleId :

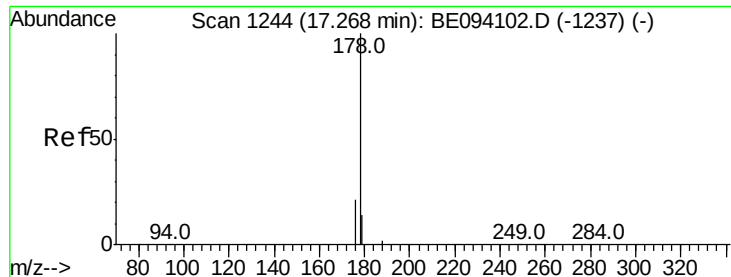
Tot Ion:284 Resp: 11856
Ion Ratio Lower Upper
284 100
142 35.0 22.1 33.1#
249 51.8 34.8 52.2



#22
Pentachlorophenol
Concen: 24.016 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE094105.D
Acq: 25 Sep 2017 16:46

Tgt Ion:266 Resp: 9036
Ion Ratio Lower Upper
266 100
264 59.2 72.5 108.7#
268 67.3 73.8 110.6#





#23

Phenanthrene

Concen: 2.344 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

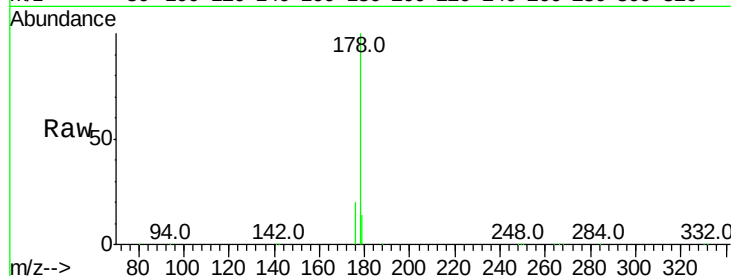
Tot Ion:178 Resp: 113069

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

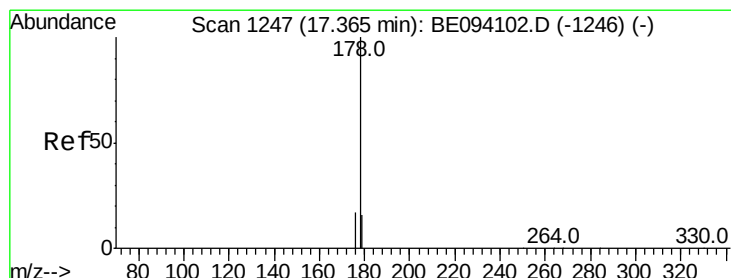
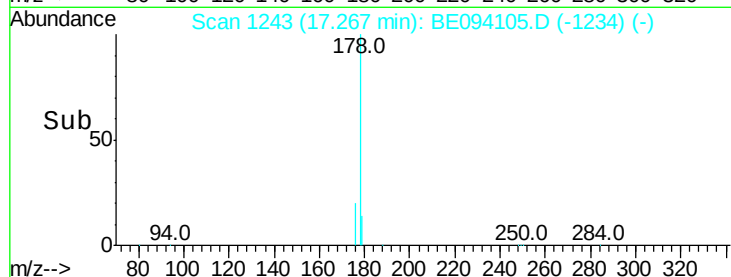
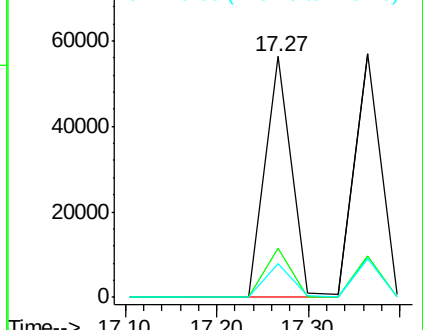
179 14.1 11.8 17.6



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: 3.035 ng

RT: 17.36 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

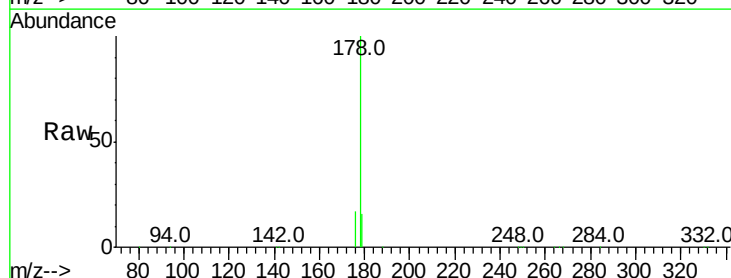
Tgt Ion:178 Resp: 112873

Ion Ratio Lower Upper

178 100

176 17.0 12.8 19.2

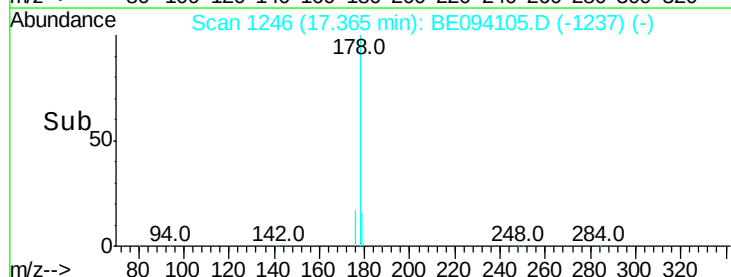
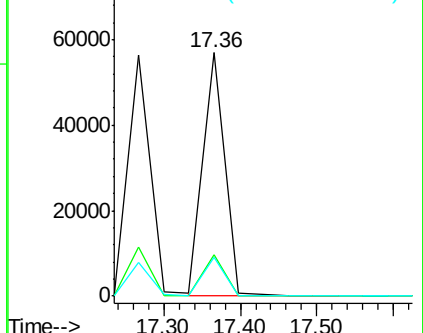
179 16.0 13.0 19.6

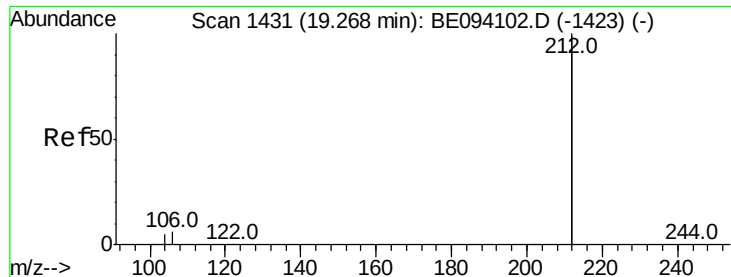


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 2.367 ng

RT: 19.27 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

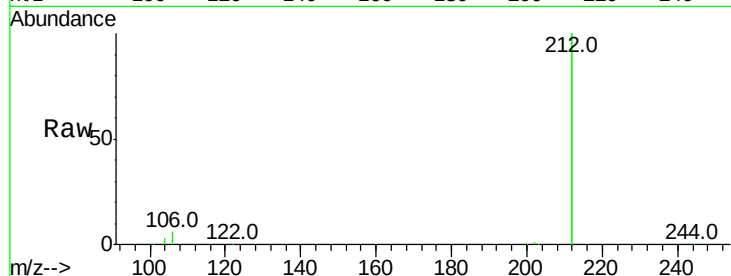
Tot Ion:212 Resp: 409003

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

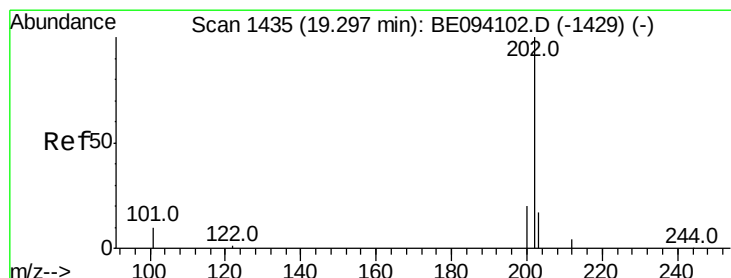
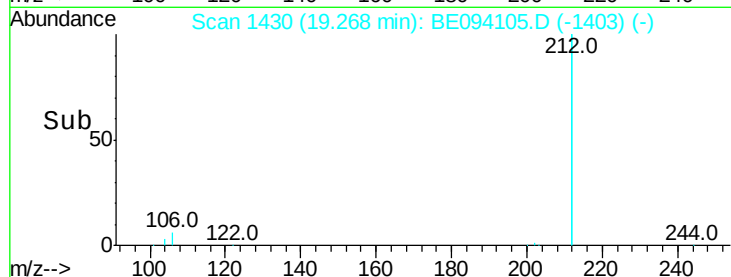
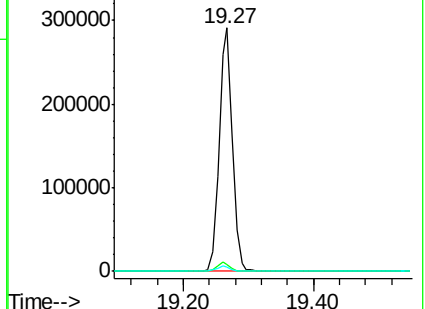
104 2.0 1.6 2.4



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: 2.375 ng

RT: 19.30 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

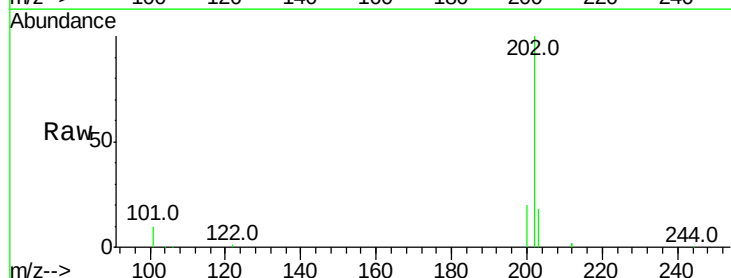
Tgt Ion:202 Resp: 122913

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

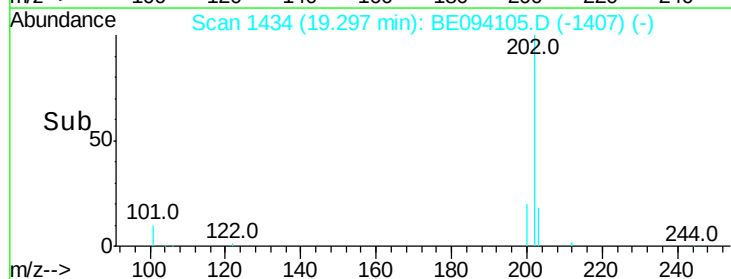
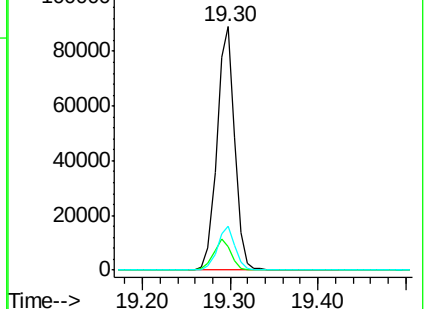
203 17.4 13.7 20.5

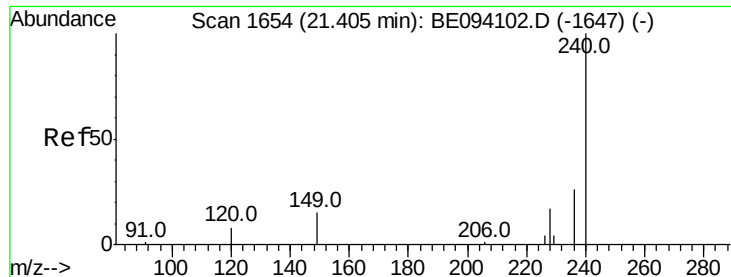


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

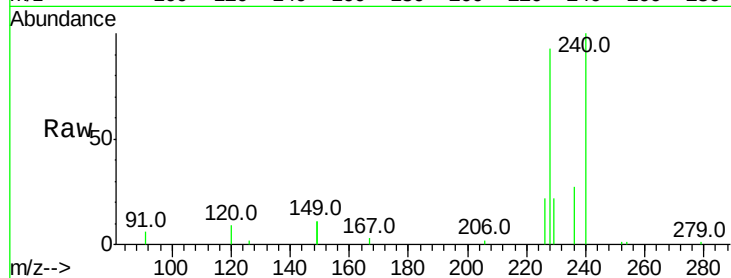
Tot Ion:240 Resp: 13636

Ion Ratio Lower Upper

240 100

120 8.9 5.5 8.3#

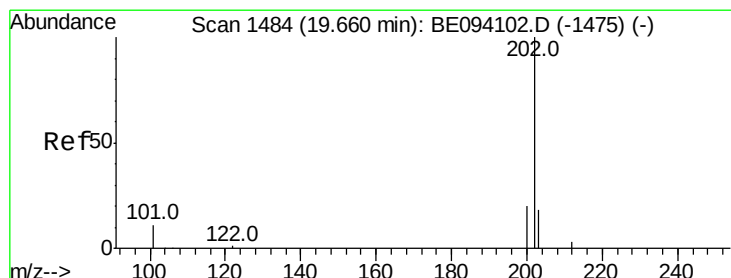
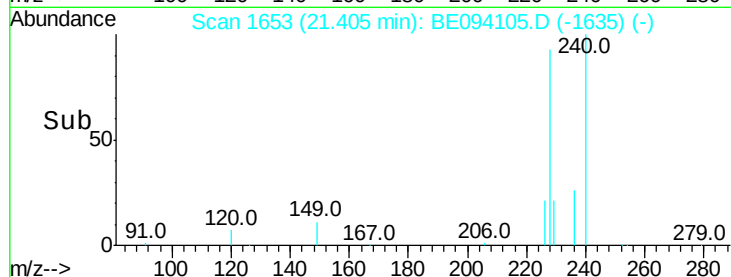
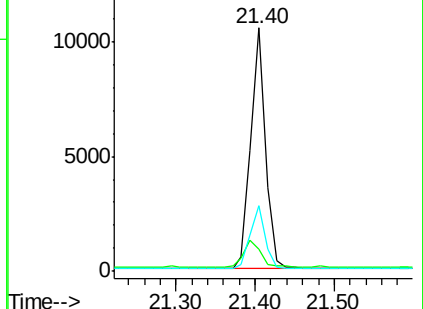
236 26.9 20.7 31.1



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: 3.491 ng

RT: 19.65 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

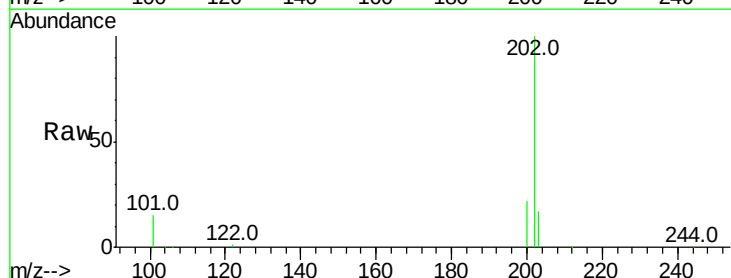
Tgt Ion:202 Resp: 131712

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

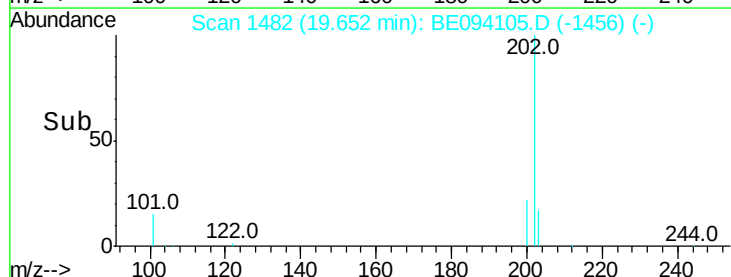
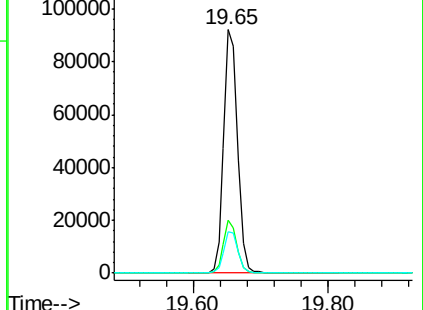
203 17.5 13.8 20.8

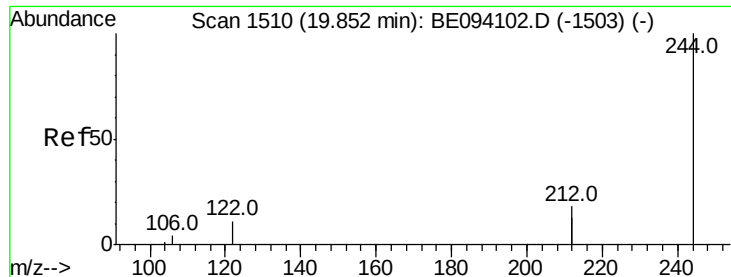


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.437 ng

RT: 19.85 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

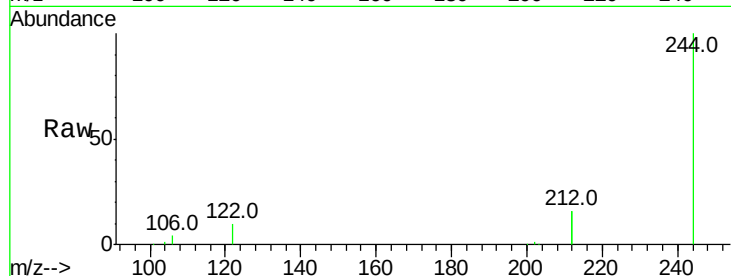
Tot Ion:244 Resp: 73423

Ion Ratio Lower Upper

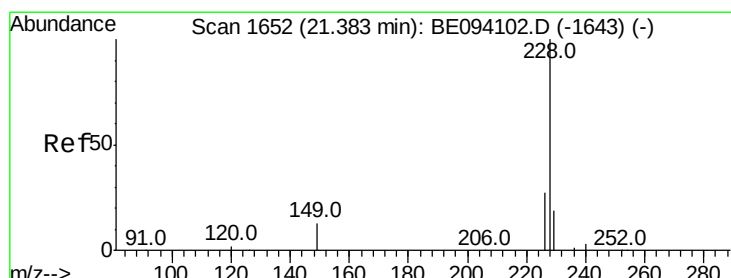
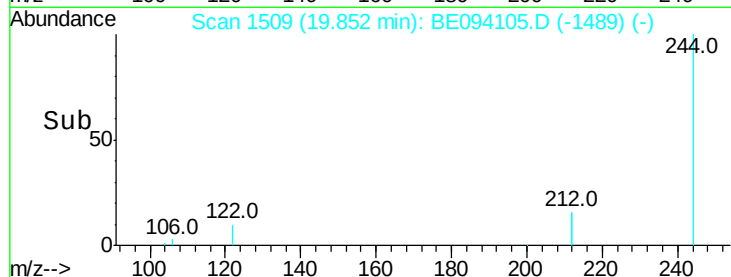
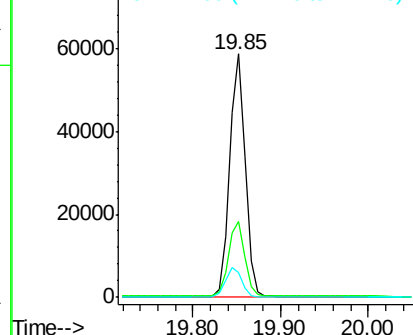
244 100

212 31.4 25.4 38.0

122 10.3 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: 3.086 ng

RT: 21.38 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

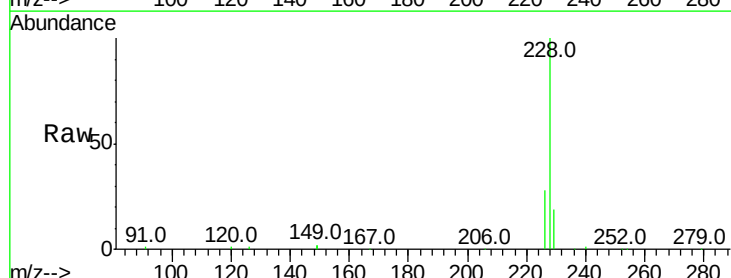
Tgt Ion:228 Resp: 140939

Ion Ratio Lower Upper

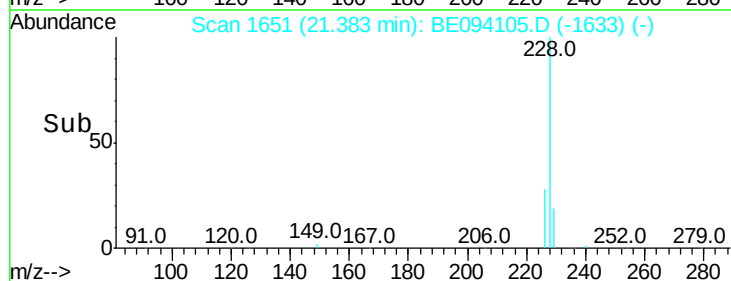
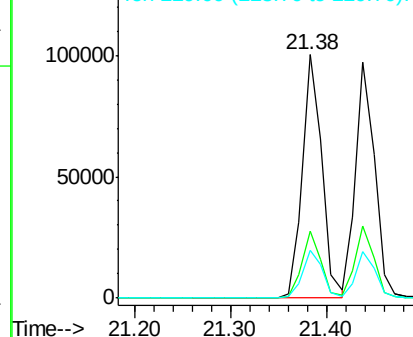
228 100

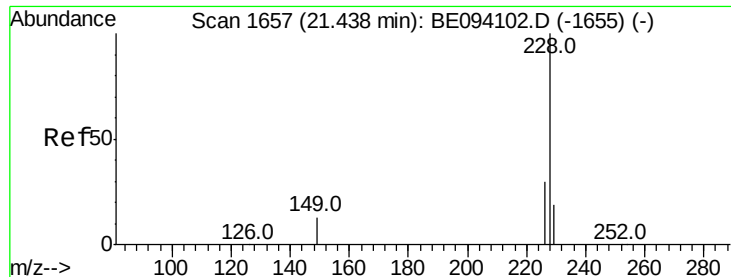
226 27.7 21.4 32.0

229 19.5 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





#31

Chrysene

Concen: 3.015 ng

RT: 21.44 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampled :

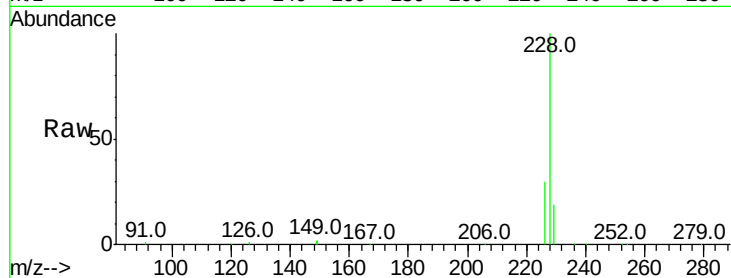
Tot Ion:228 Resp: 134914

Ion Ratio Lower Upper

228 100

226 30.4 23.6 35.4

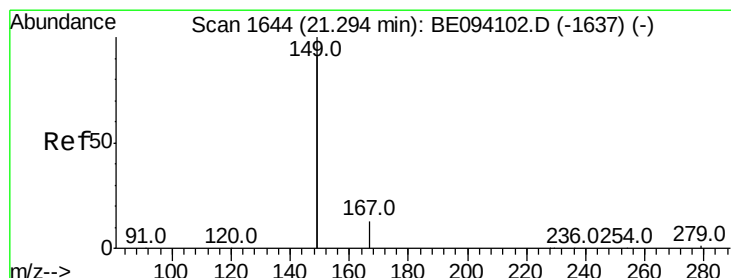
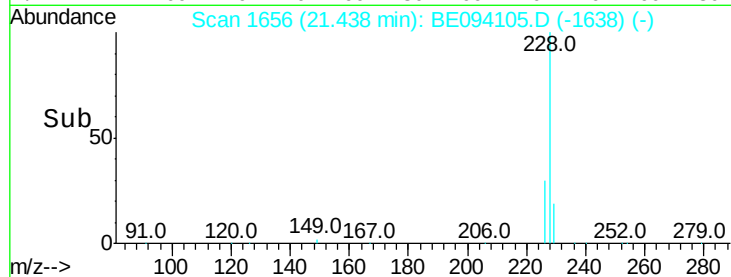
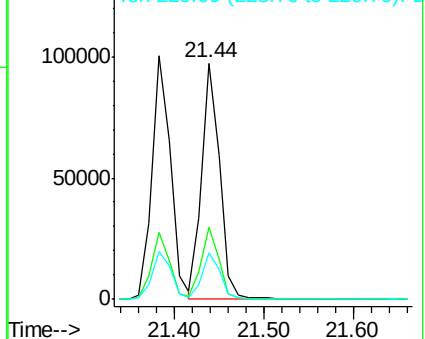
229 19.5 16.4 24.6



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: 2.972 ng

RT: 21.29 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

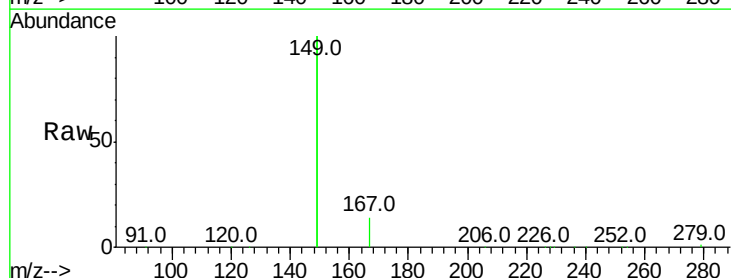
Tgt Ion:149 Resp: 364666

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

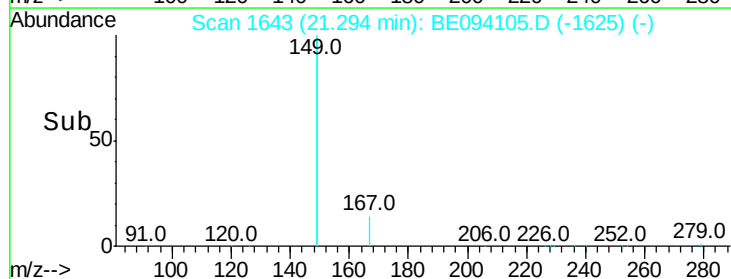
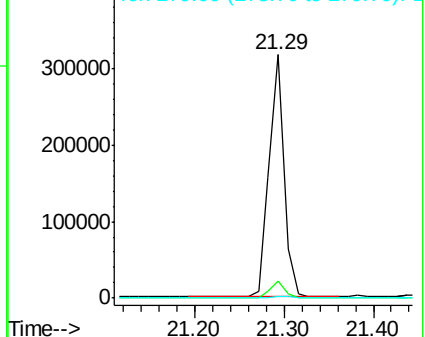
279 0.9 0.7 1.1

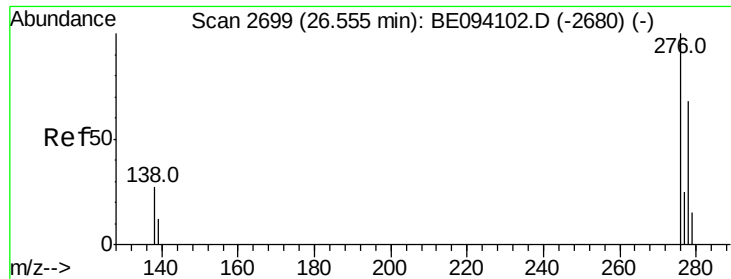


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.110 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

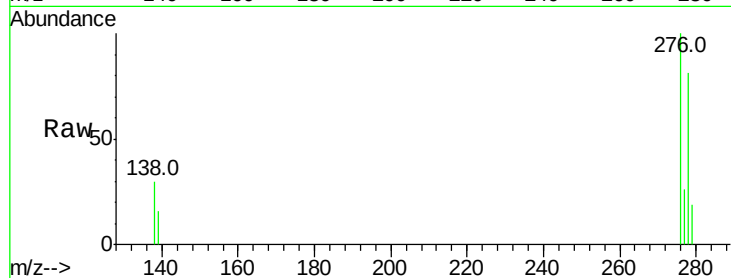
Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :



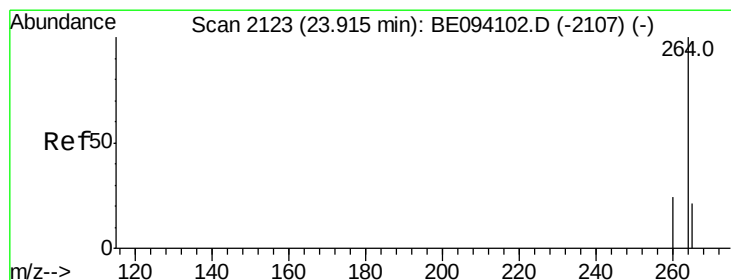
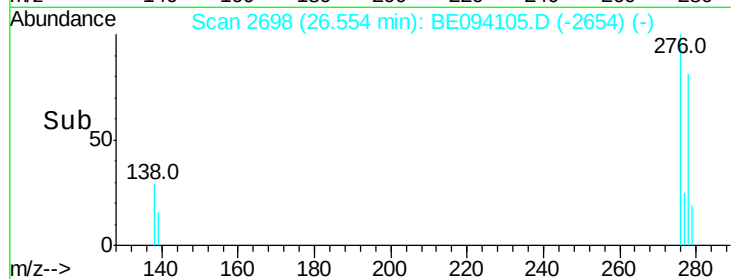
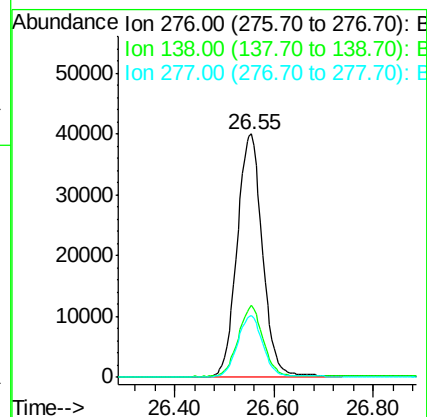
Tot Ion:276 Resp: 142180

Ion Ratio Lower Upper

276 100

138 28.5 22.5 33.7

277 25.1 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

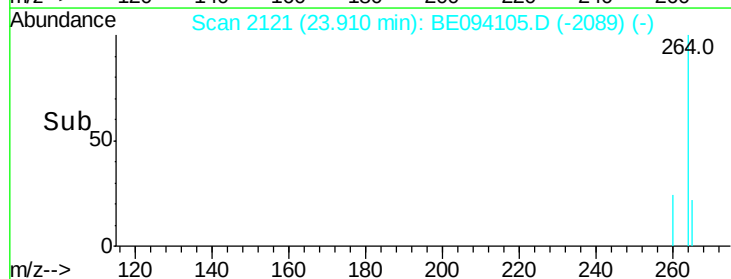
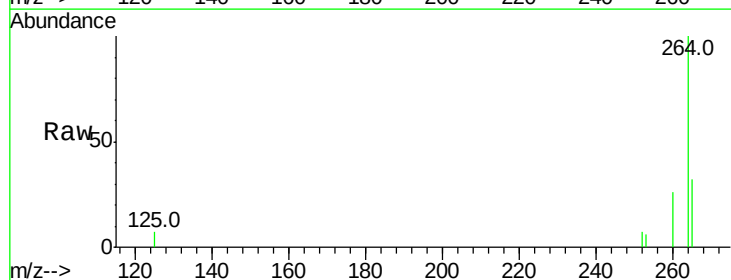
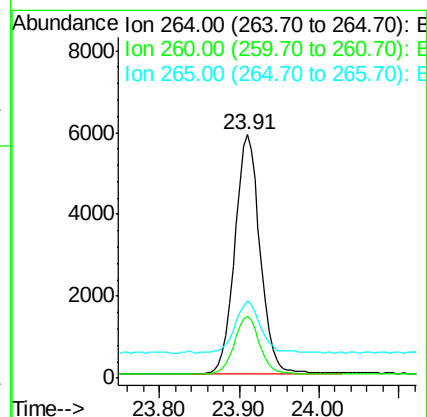
Tgt Ion:264 Resp: 12819

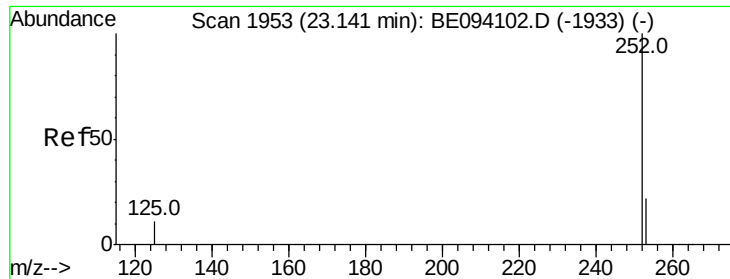
Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 31.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 2.931 ng

RT: 23.14 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

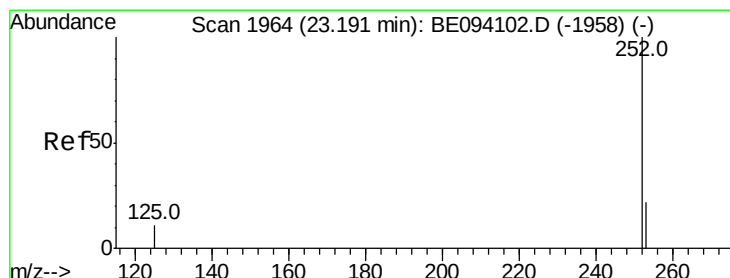
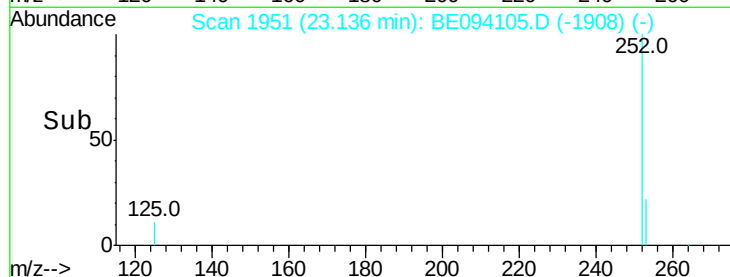
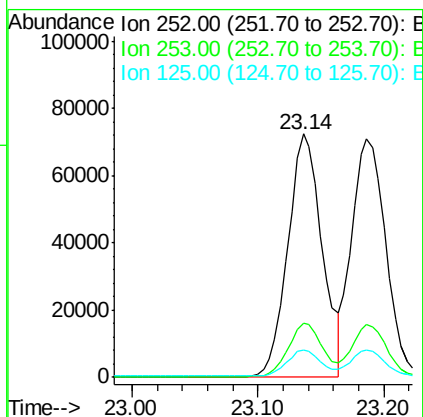
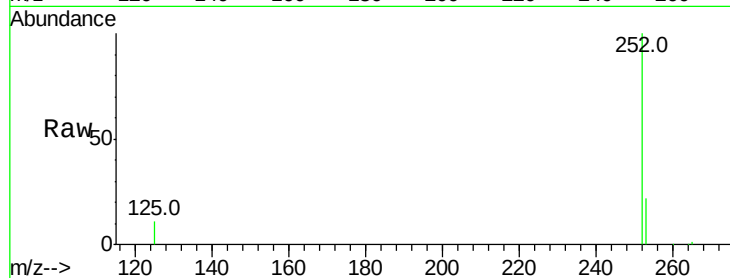
Tot Ion:252 Resp: 135997

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 11.4 10.1 15.1



#36

Benzo(k)fluoranthene

Concen: 2.895 ng

RT: 23.19 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

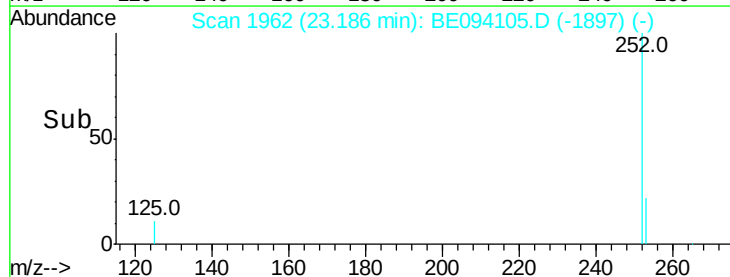
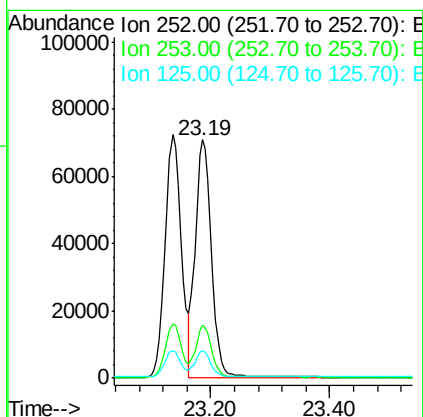
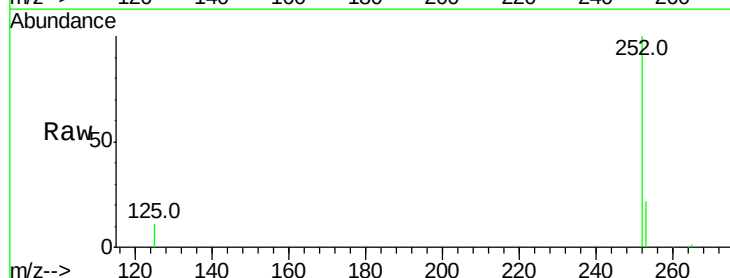
Tgt Ion:252 Resp: 134759

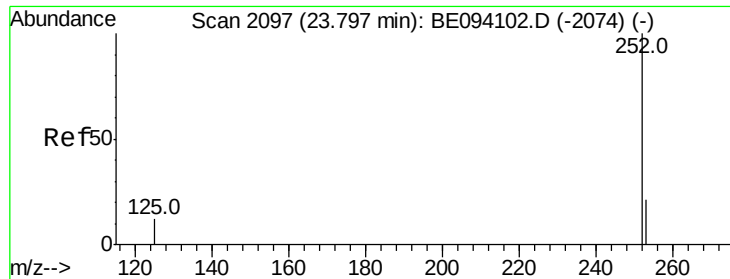
Ion Ratio Lower Upper

252 100

253 22.3 18.6 27.8

125 11.5 10.7 16.1





#37

Benzo(a)pyrene

Concen: 3.091 ng

RT: 23.80 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :

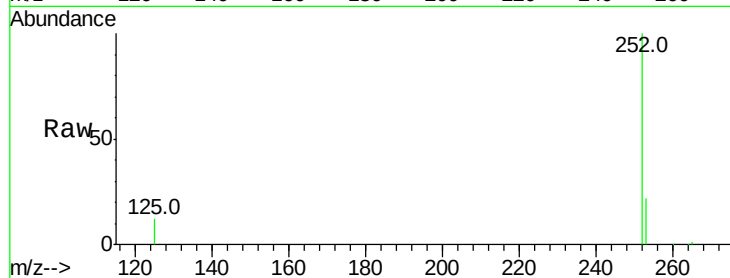
Tot Ion:252 Resp: 128783

Ion Ratio Lower Upper

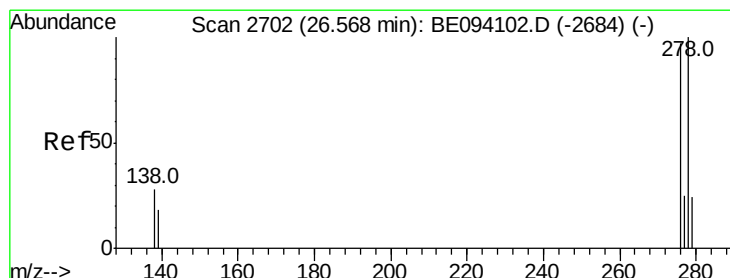
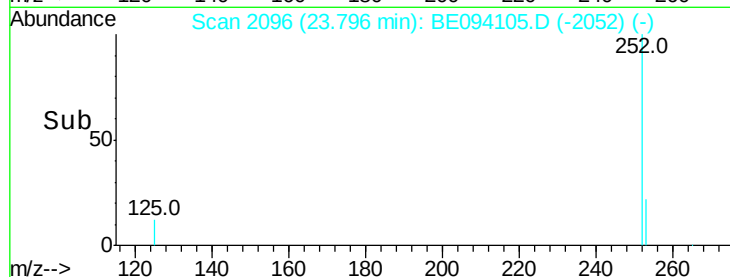
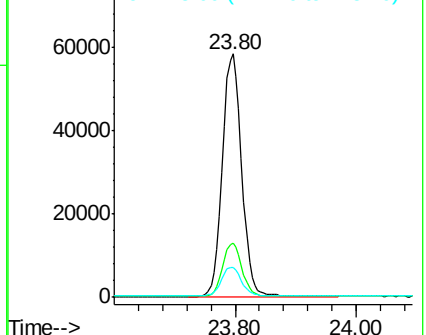
252 100

253 22.4 19.0 28.6

125 12.4 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: 3.655 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.00 min

Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

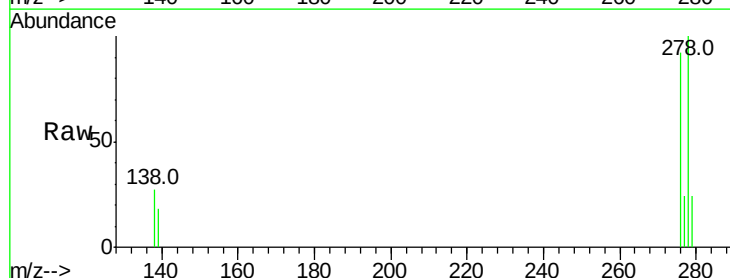
Tgt Ion:278 Resp: 121941

Ion Ratio Lower Upper

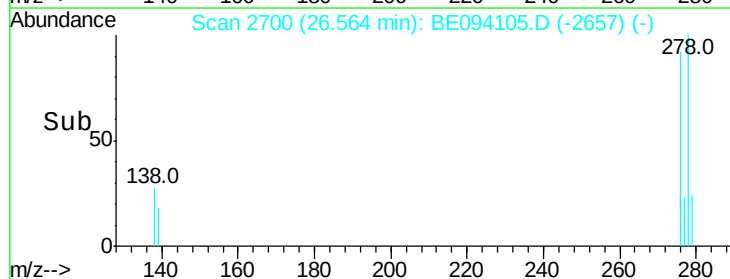
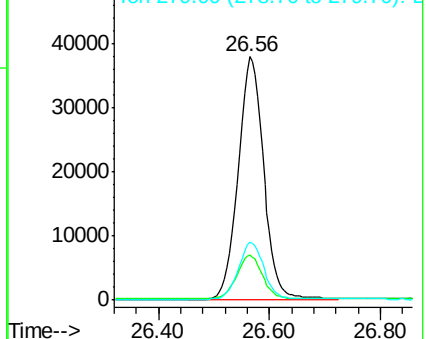
278 100

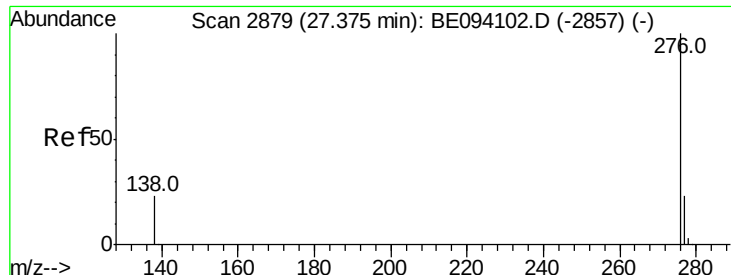
139 18.4 16.3 24.5

279 23.9 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: 3.620 ng

RT: 27.37 min Scan# 2876

Delta R.T. -0.01 min

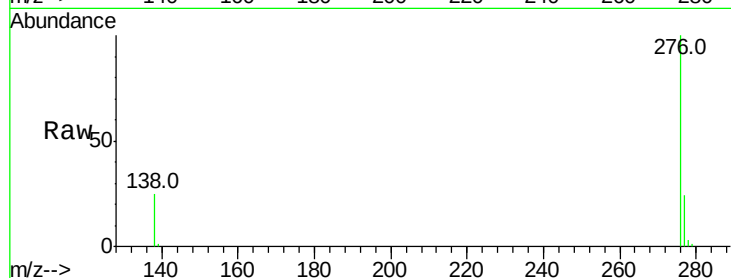
Lab File: BE094105.D

Acq: 25 Sep 2017 16:46

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 120673

Ion Ratio Lower Upper

276 100

277 24.2 20.8 31.2

138 24.7 21.5 32.3

