

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094102.D
 Acq On : 25 Sep 2017 14:53
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 15:43:22 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	1282	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	5986	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3396	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13501	0.40	ng	0.00
27) Chrysene-d12	21.40	240	13250	0.40	ng	0.00
34) Perylene-d12	23.92	264	12866	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1968	0.29	ng	0.00
5) Phenol-d6	7.09	99	2724	0.36	ng	0.00
8) Nitrobenzene-d5	9.06	82	2192	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3622	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	743	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4694	0.42	ng	0.00
25) Fluoranthene-d10	19.27	212	49707	0.29	ng	0.00
29) Terphenyl-d14	19.85	244	9162	0.44	ng	0.00

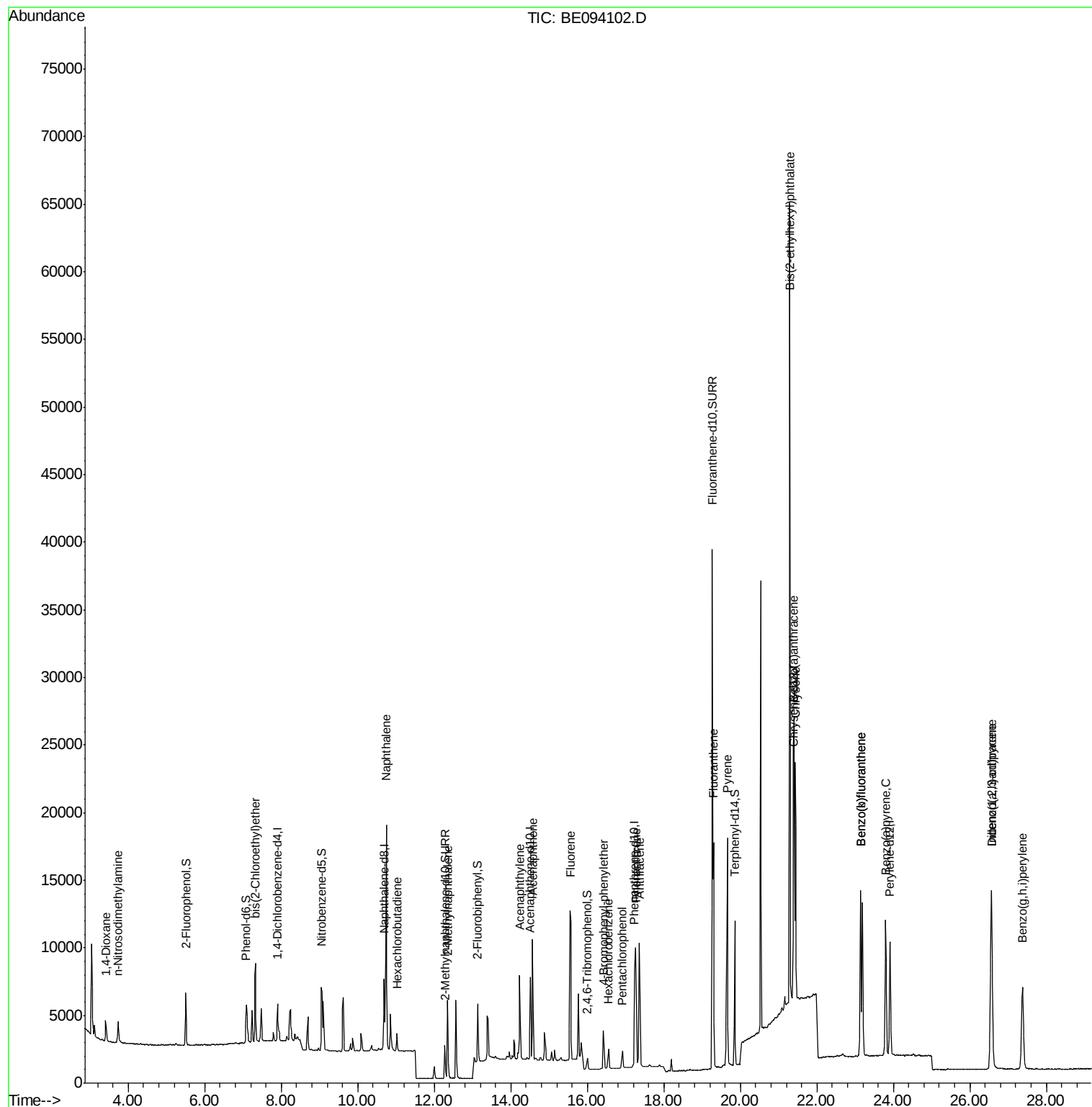
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	1035	0.387	ng	# 88
3) n-Nitrosodimethylamine	3.73	42	1271	0.383	ng	# 88
6) bis(2-Chloroethyl)ether	7.33	93	2135	0.377	ng	96
9) Naphthalene	10.74	128	26814	0.352	ng	100
10) Hexachlorobutadiene	11.03	225	969	0.400	ng	98
12) 2-Methylnaphthalene	12.35	142	4264	0.353	ng	99
16) Acenaphthylene	14.23	152	6999	0.409	ng	99
17) Acenaphthene	14.57	154	4563	0.402	ng	99
18) Fluorene	15.56	166	5955	0.353	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2153	0.298	ng	# 91
21) Hexachlorobenzene	16.55	284	1379	0.260	ng	# 82
22) Pentachlorophenol	16.91	266	1240	3.287	ng	# 73
23) Phenanthrene	17.27	178	13243	0.274	ng	98
24) Anthracene	17.37	178	13672	0.367	ng	98
26) Fluoranthene	19.30	202	15006	0.289	ng	100
28) Pyrene	19.66	202	16145	0.440	ng	99
30) Benzo(a)anthracene	21.38	228	17769	0.400	ng	98
31) Chrysene	21.44	228	17142	0.394	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	63454	0.532	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	17654	0.525	ng	100
35) Benzo(b)fluoranthene	23.14	252	16724	0.359	ng	# 94
36) Benzo(k)fluoranthene	23.14	252	16724	0.358	ng	95
37) Benzo(a)pyrene	23.80	252	16126	0.386	ng	# 95
38) Dibenzo(a,h)anthracene	26.57	278	15124	0.452	ng	94
39) Benzo(g,h,i)perylene	27.37	276	15106	0.451	ng	99

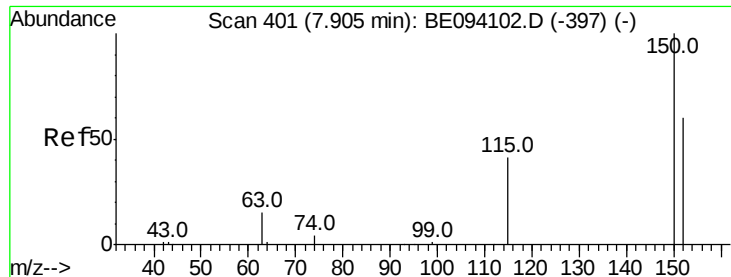
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094102.D
Acq On : 25 Sep 2017 14:53
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 25 15:43:22 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

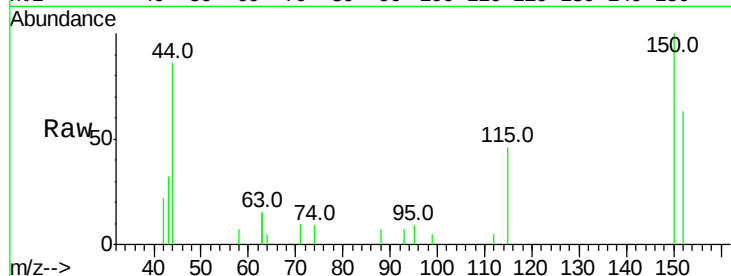
Tot Ion:152 Resp: 1282

Ion Ratio Lower Upper

152 100

150 158.9 117.2 175.8

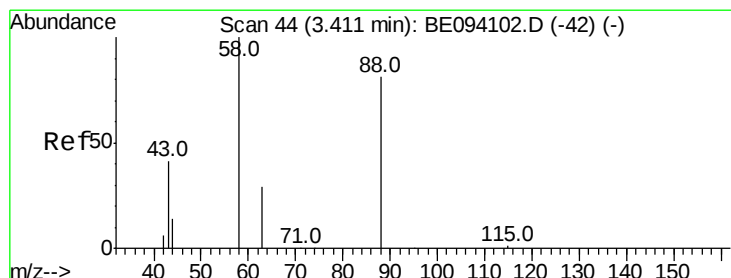
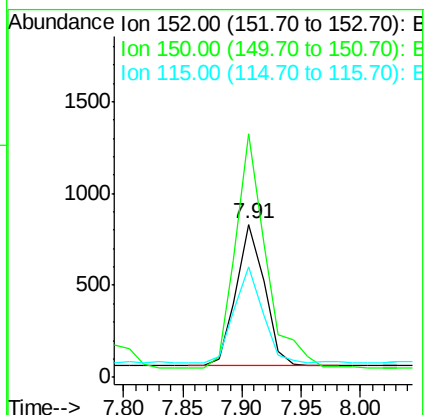
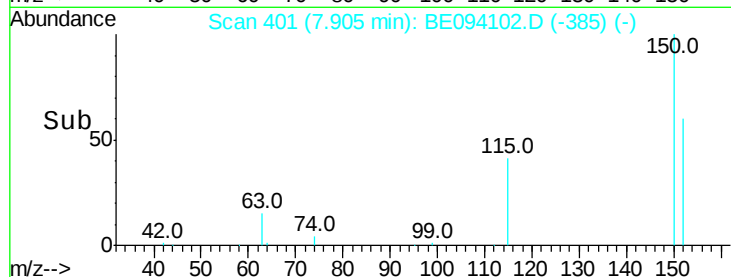
115 72.5 57.0 85.6



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: 0.387 ng

RT: 3.41 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

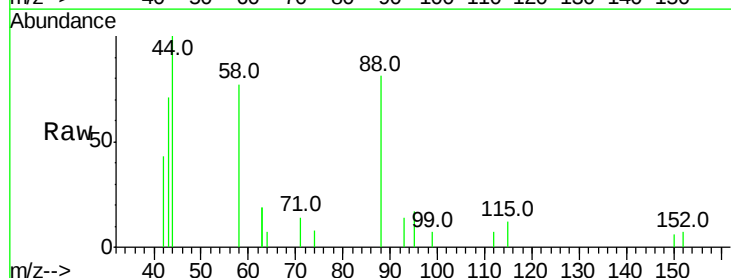
Tgt Ion: 88 Resp: 1035

Ion Ratio Lower Upper

88 100

58 84.5 63.2 94.8

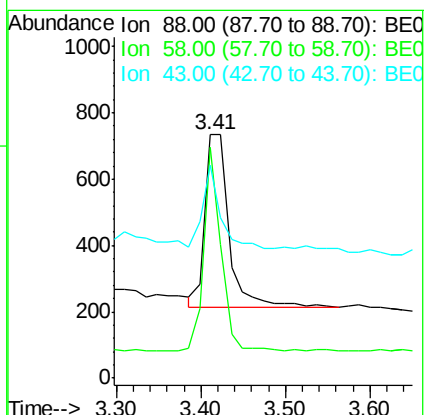
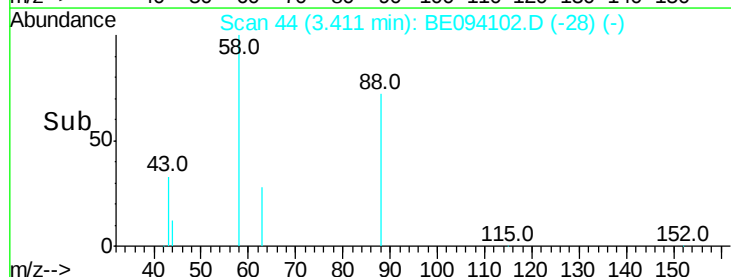
43 37.4 41.2 61.8#

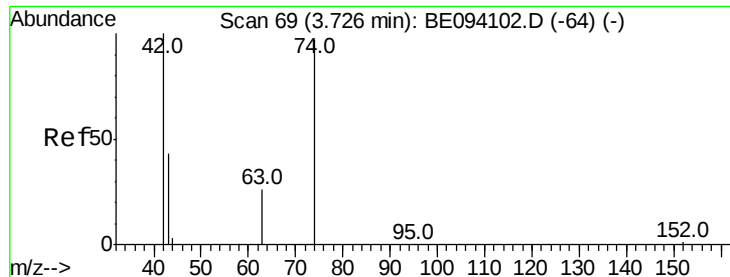


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



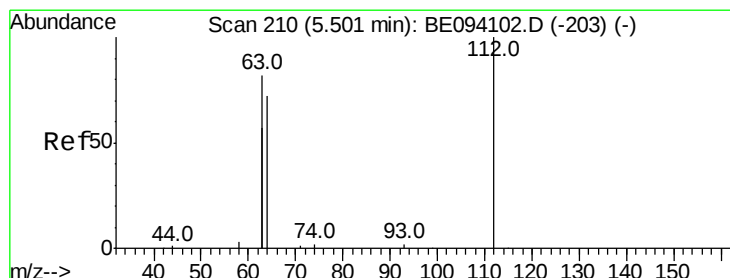
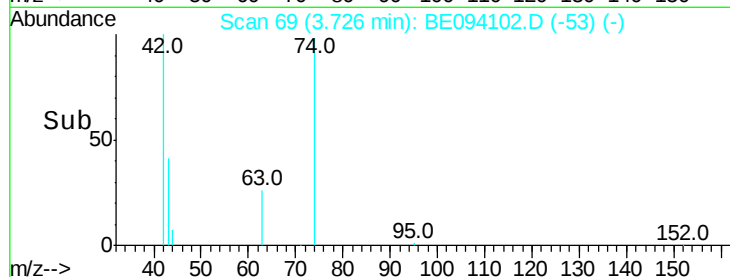
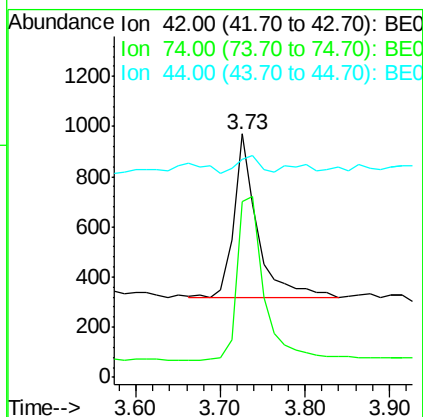
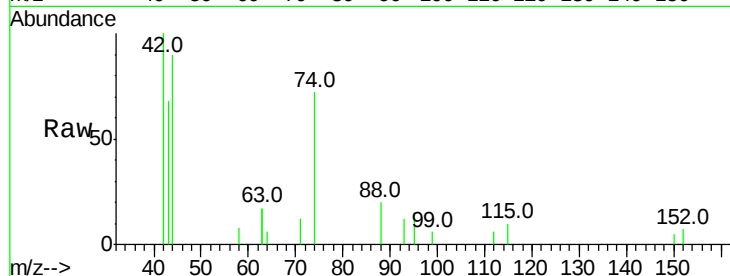


#3

n-Nitrosodimethylamine
 Concen: 0.383 ng
 RT: 3.73 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE094102.D
 Acq: 25 Sep 2017 14:53

Instrument :
 BNA_E
 ClientSampleId :

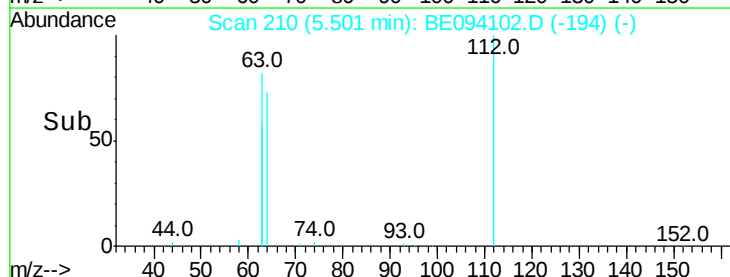
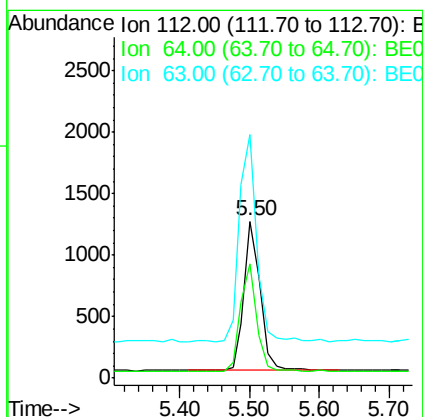
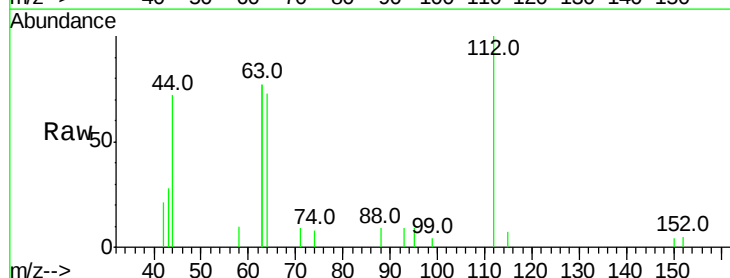
Tot Ion: 42 Resp: 1271
 Ion Ratio Lower Upper
 42 100
 74 113.9 100.3 150.5
 44 9.6 17.0 25.4#

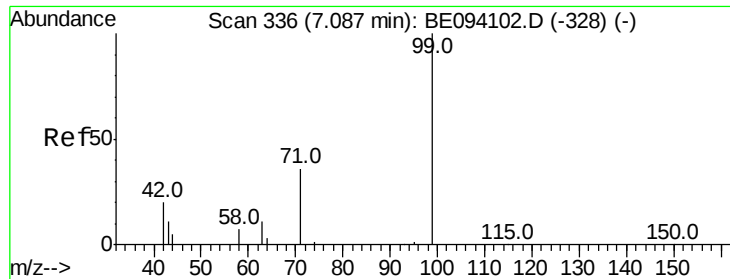


#4

2-Fluorophenol
 Concen: 0.292 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094102.D
 Acq: 25 Sep 2017 14:53

Tgt Ion: 112 Resp: 1968
 Ion Ratio Lower Upper
 112 100
 64 72.8 60.1 90.1
 63 149.4 116.8 175.2





#5

Phenol-d6

Concen: 0.359 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampled :

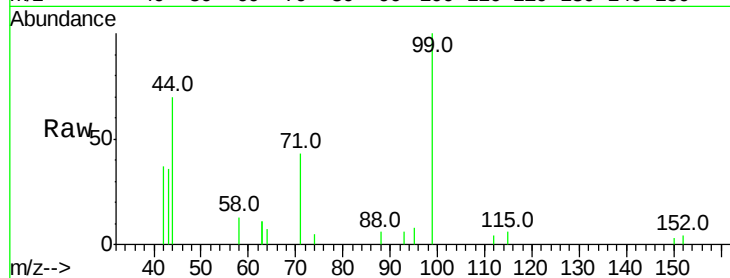
Tot Ion: 99 Resp: 2724

Ion Ratio Lower Upper

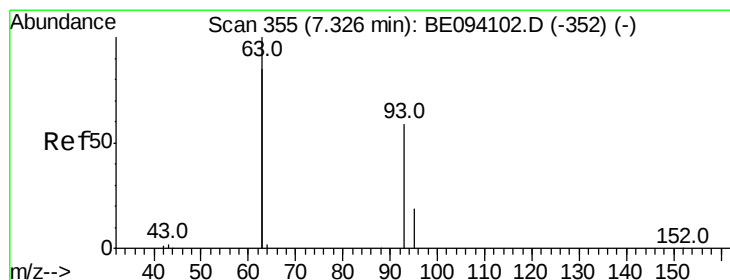
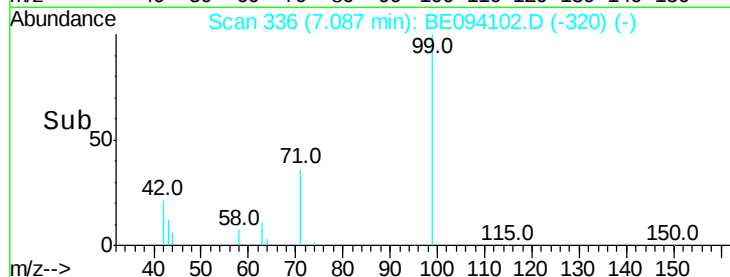
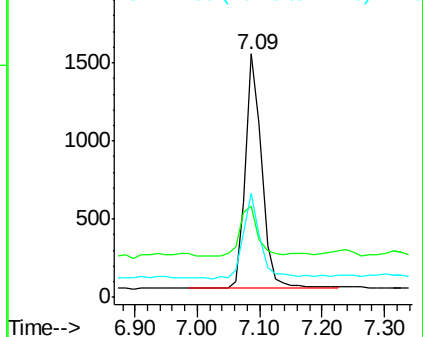
99 100

42 23.2 20.2 30.2

71 38.5 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: 0.377 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

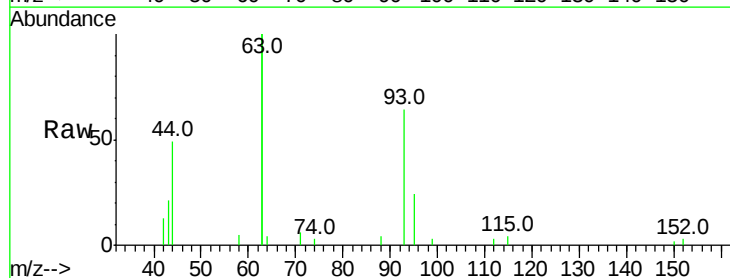
Tgt Ion: 93 Resp: 2135

Ion Ratio Lower Upper

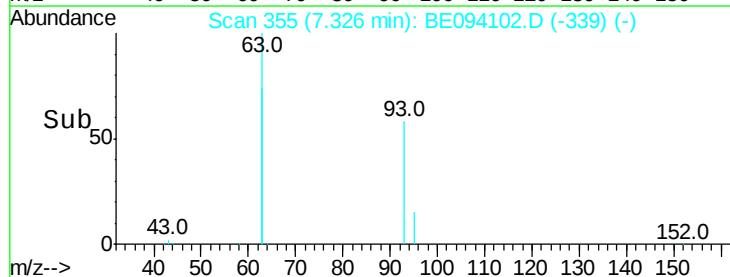
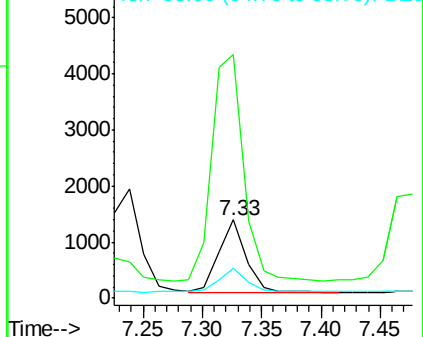
93 100

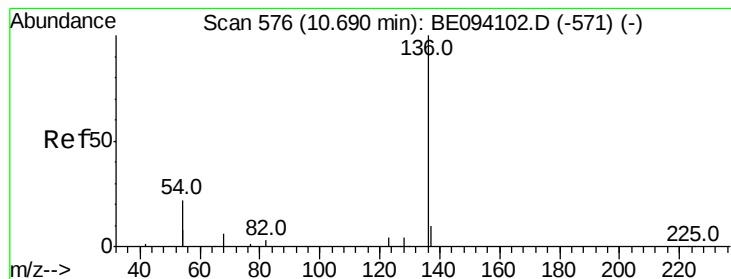
63 352.6 275.3 412.9

95 32.7 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: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5986

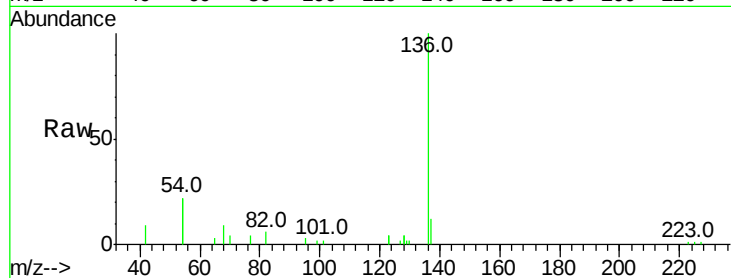
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 43.9 29.1 43.7#

68 9.4 6.2 9.2#

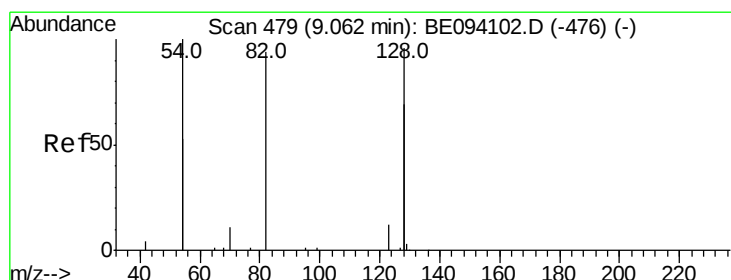
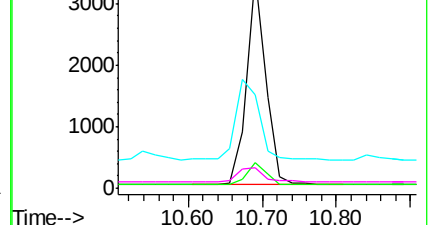
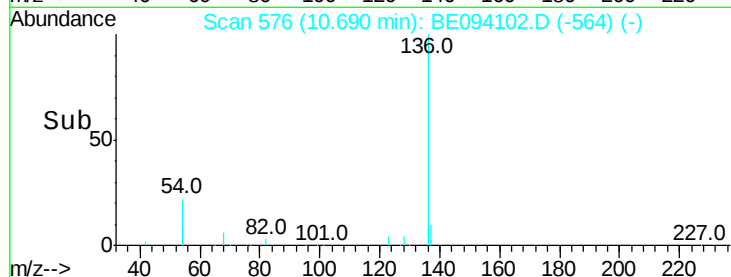


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.412 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

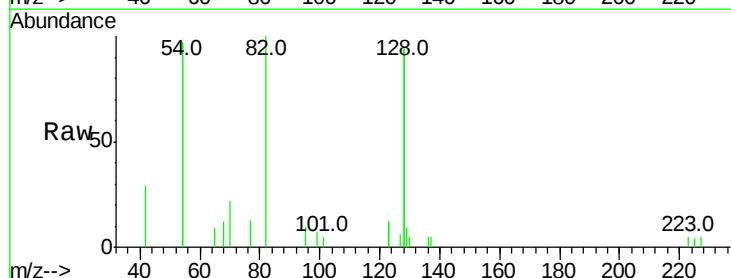
Tgt Ion: 82 Resp: 2192

Ion Ratio Lower Upper

82 100

128 187.4 150.0 225.0

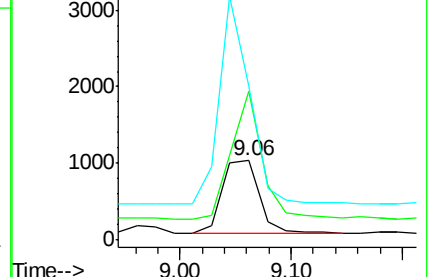
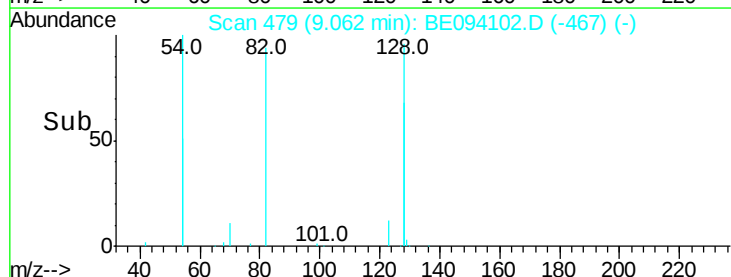
54 194.6 154.2 231.4

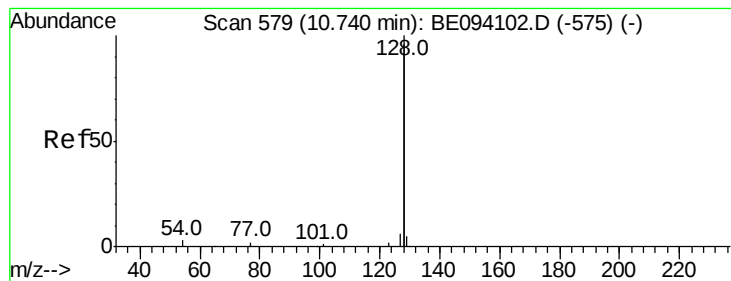


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.352 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

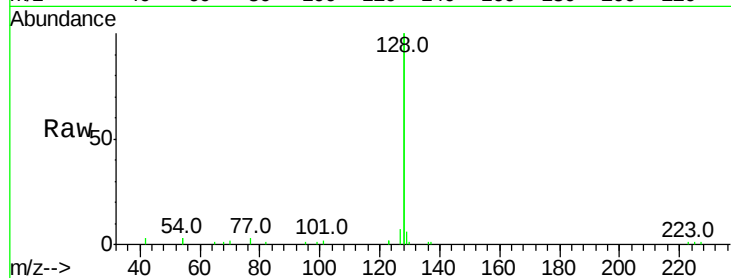
Tot Ion:128 Resp: 26814

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

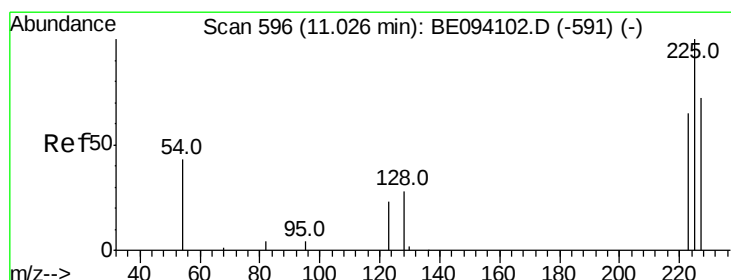
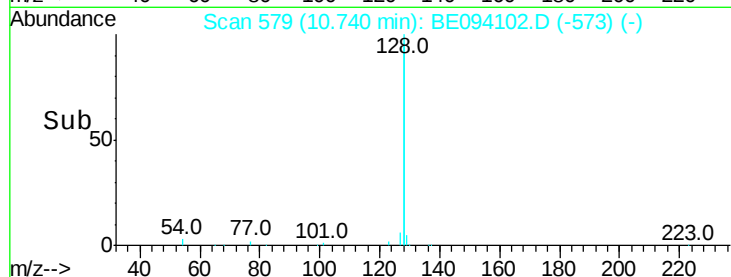
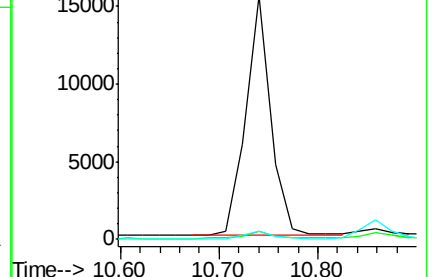
127 3.4 2.8 4.2



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: 0.400 ng

RT: 11.03 min Scan# 596

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

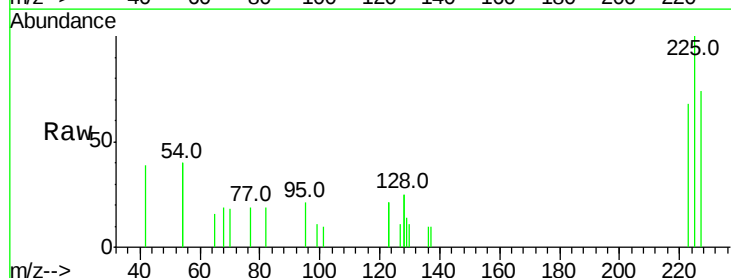
Tgt Ion:225 Resp: 969

Ion Ratio Lower Upper

225 100

223 65.7 53.0 79.6

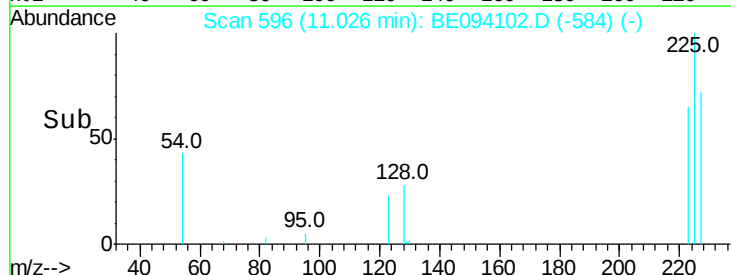
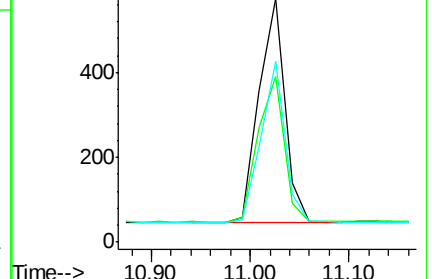
227 67.7 51.4 77.2

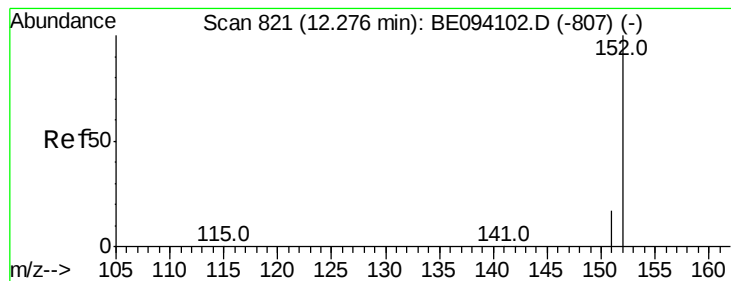


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

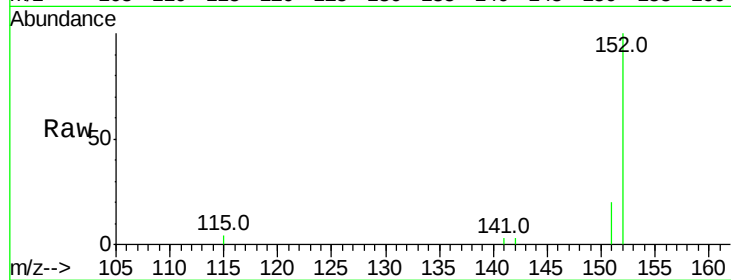
ClientSampleId :

Tot Ion:152 Resp: 3622

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

2500

2000

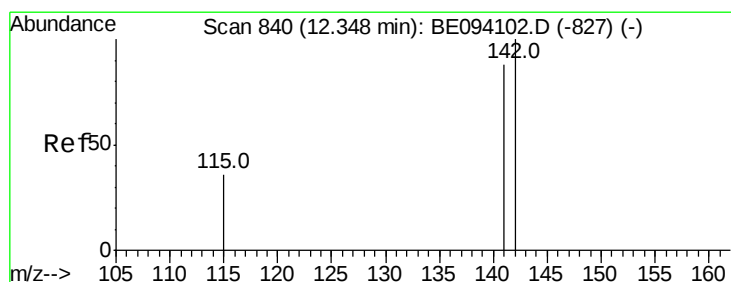
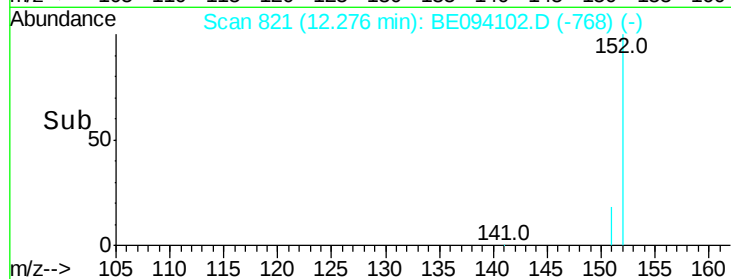
1500

1000

500

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.353 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

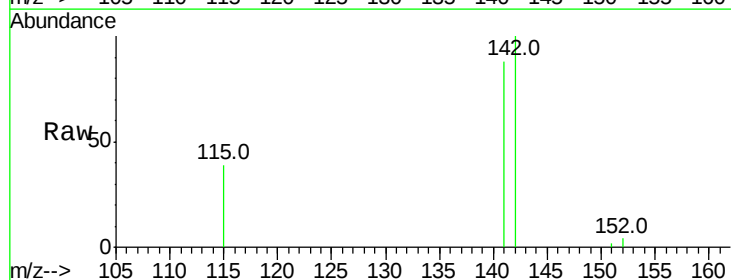
Tgt Ion:142 Resp: 4264

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6

115 38.6 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

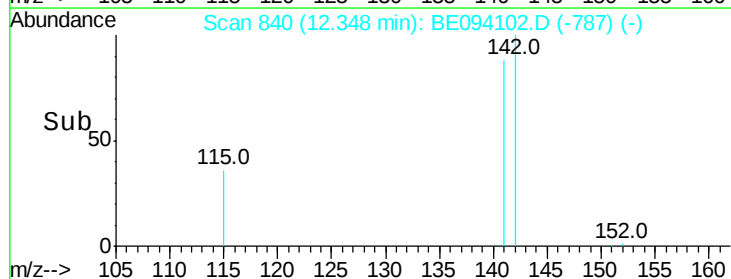
3000

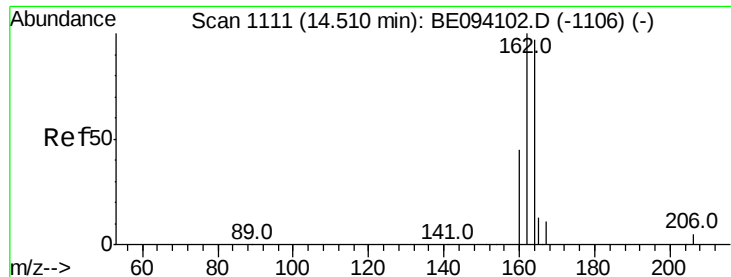
2000

1000

0

Time--> 12.25 12.30 12.35 12.40

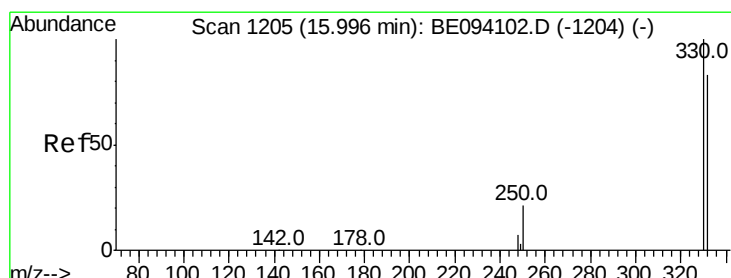
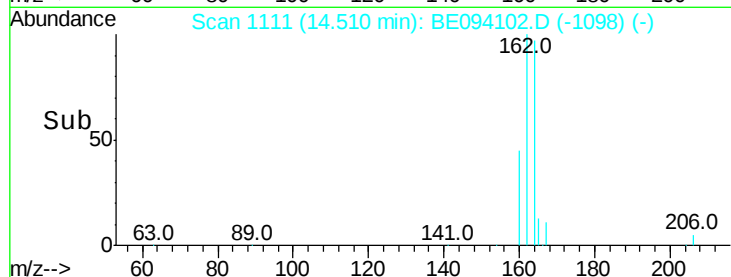
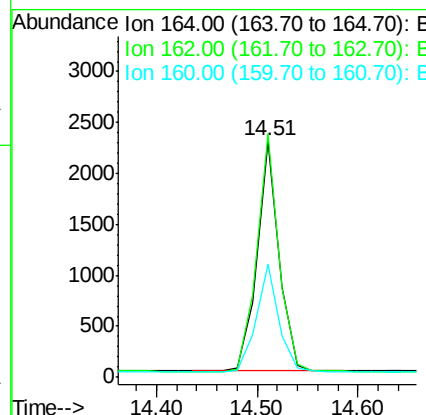
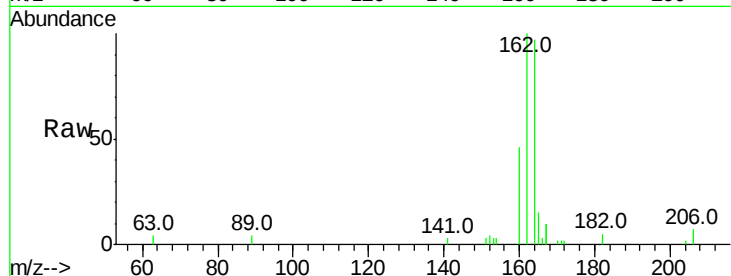




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094102.D
 Acq: 25 Sep 2017 14:53

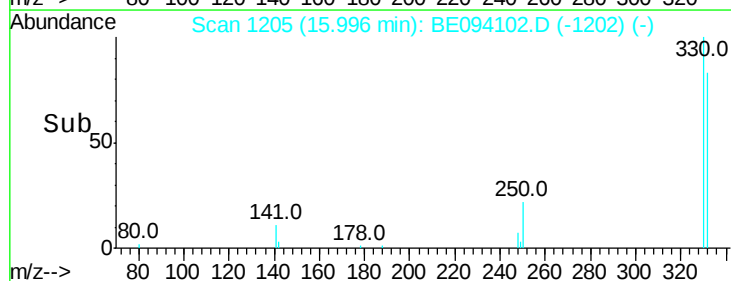
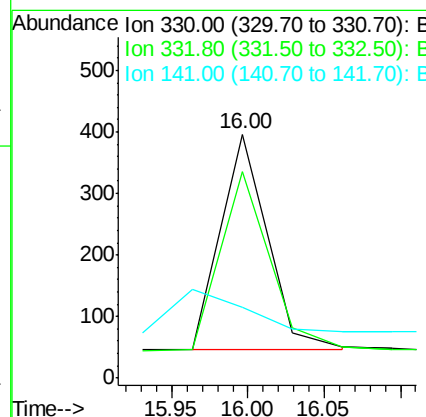
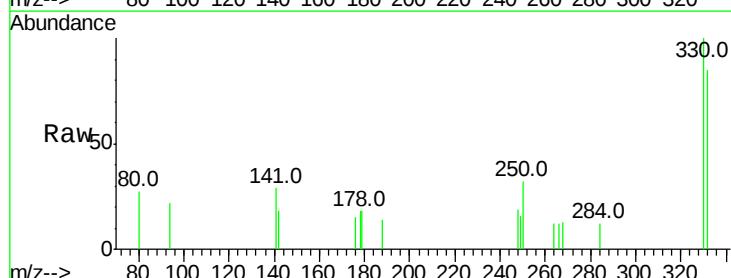
Instrument :
 BNA_E
 ClientSampleId :

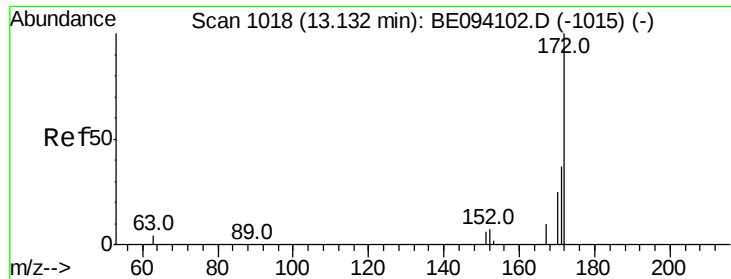
Tot Ion:164 Resp: 3396
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.1 124.7
 160 47.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.288 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094102.D
 Acq: 25 Sep 2017 14:53

Tgt Ion:330 Resp: 743
 Ion Ratio Lower Upper
 330 100
 332 86.1 152.7 229.1#
 141 0.0 33.7 50.5#

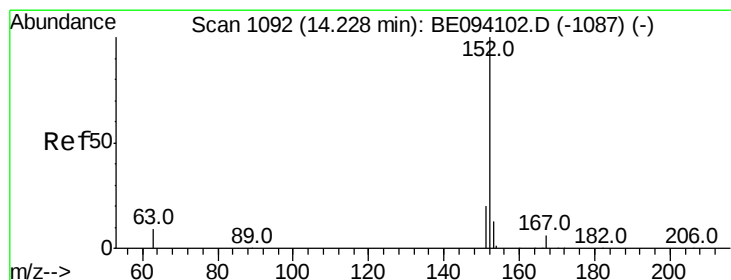
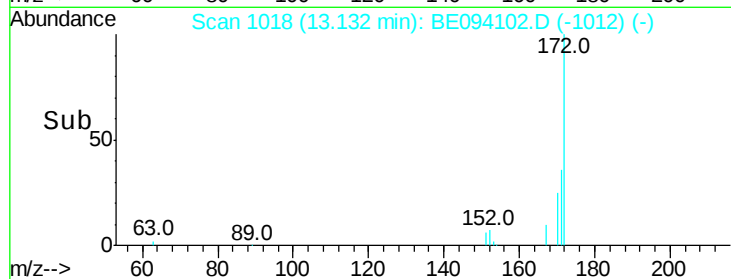
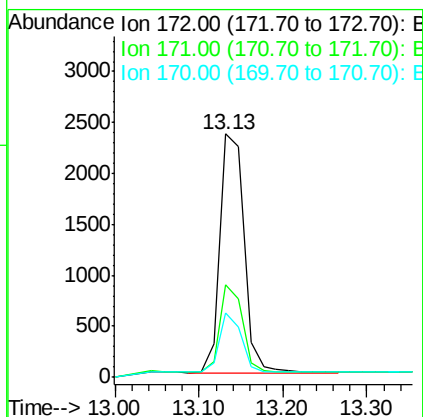
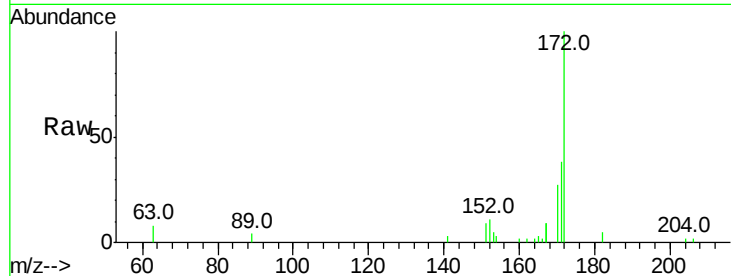




#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094102.D
Acq: 25 Sep 2017 14:53

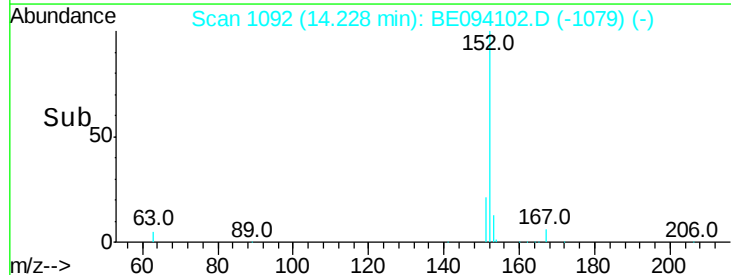
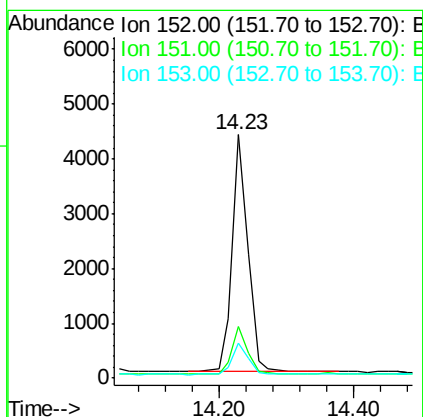
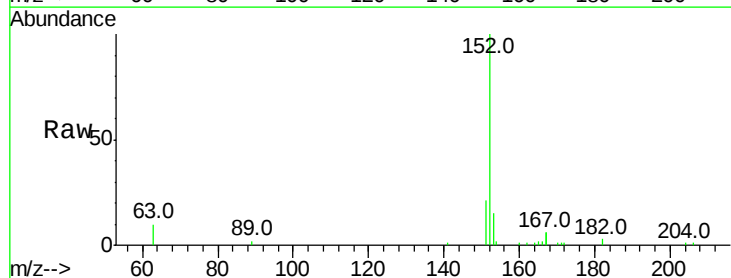
Instrument :
BNA_E
ClientSampleId :

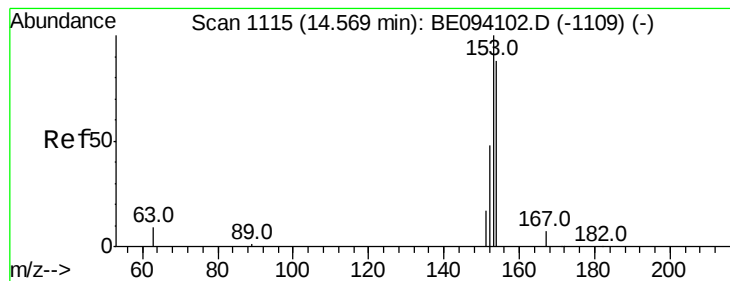
Tot Ion:172 Resp: 4694
Ion Ratio Lower Upper
172 100
171 38.1 29.9 44.9
170 26.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094102.D
Acq: 25 Sep 2017 14:53

Tgt Ion:152 Resp: 6999
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.9 10.5 15.7





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

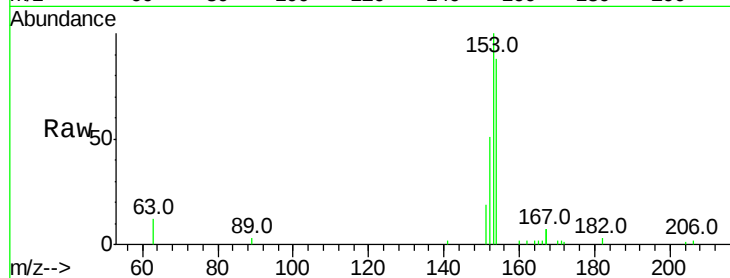
Tot Ion:154 Resp: 4563

Ion Ratio Lower Upper

154 100

153 111.2 89.2 133.8

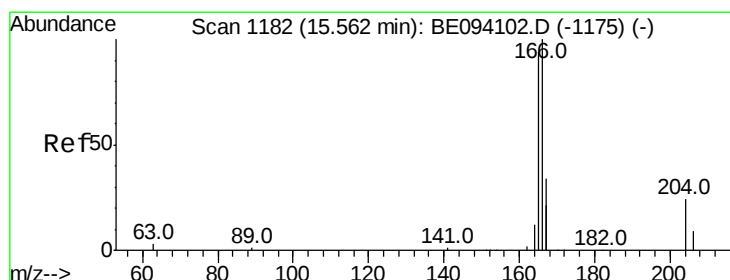
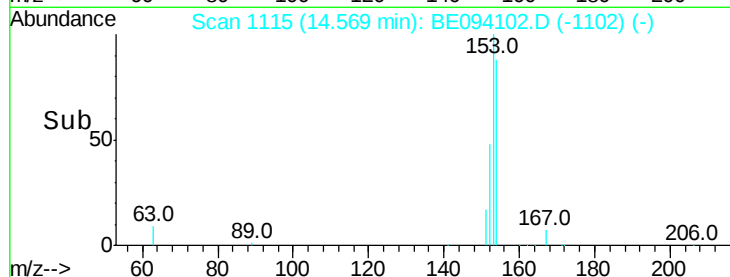
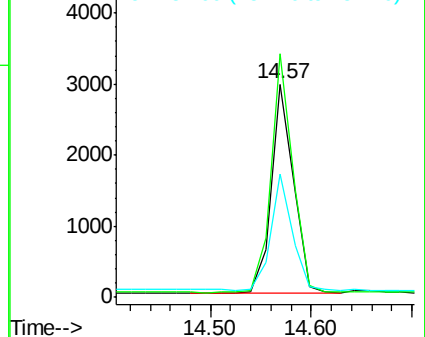
152 53.4 42.0 63.0



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: 0.353 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

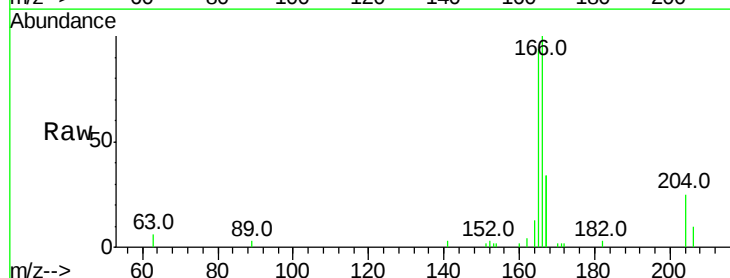
Tgt Ion:166 Resp: 5955

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

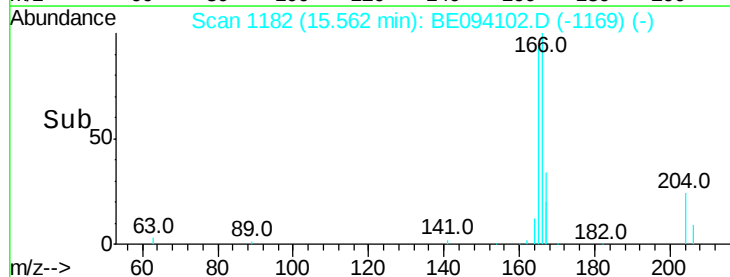
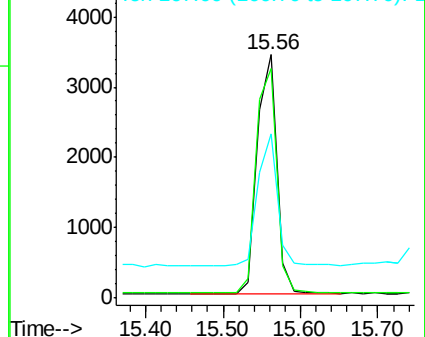
167 55.8 42.4 63.6

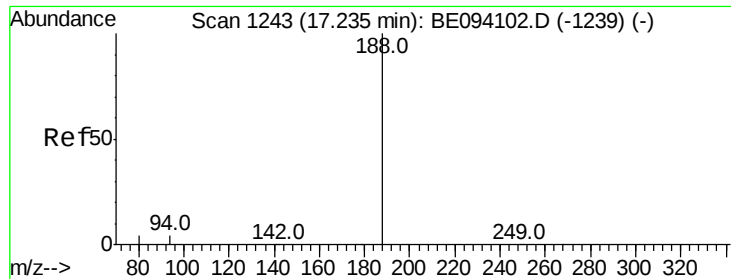


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

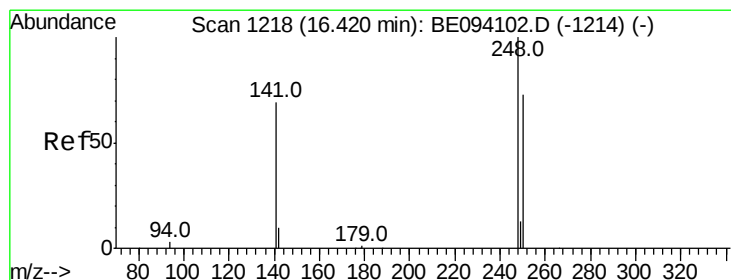
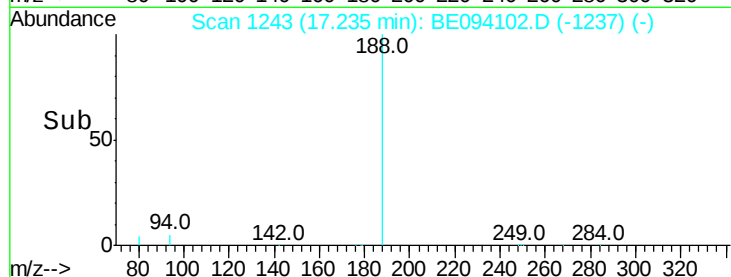
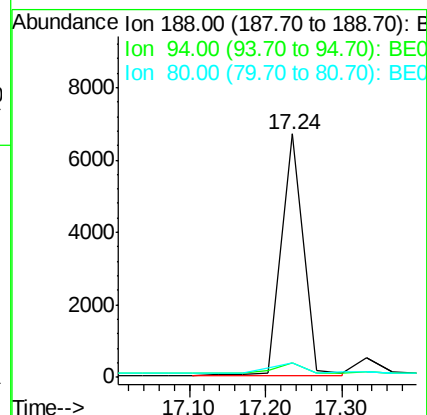
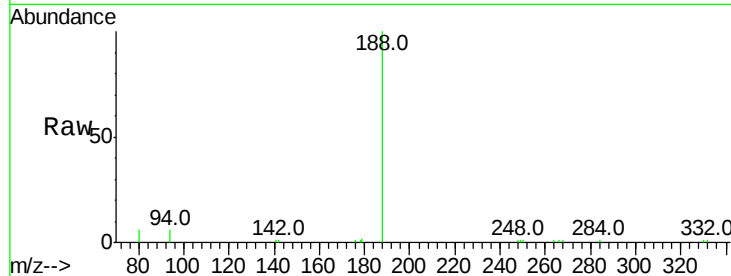




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094102.D
Acq: 25 Sep 2017 14:53

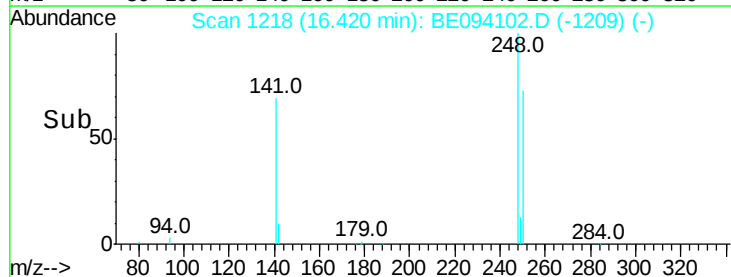
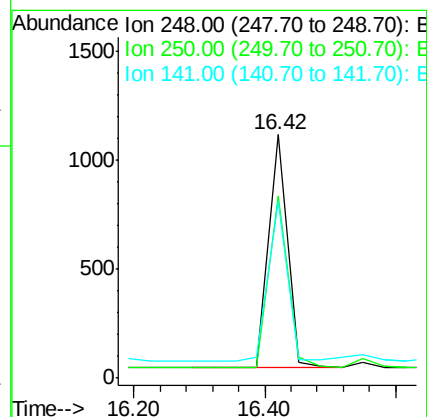
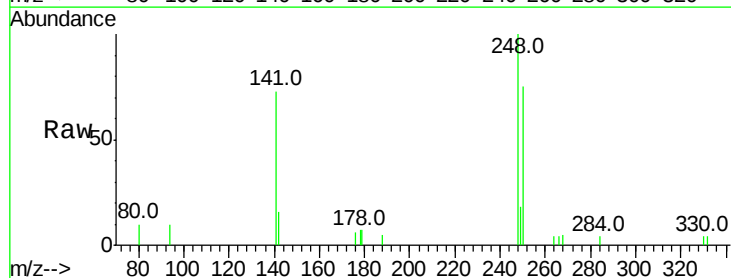
Instrument :
BNA_E
ClientSampleId :

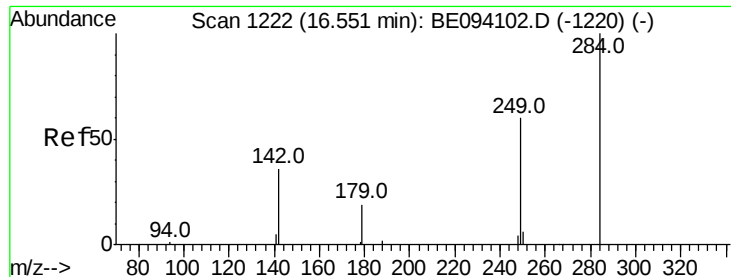
Tot Ion:188 Resp: 13501
Ion Ratio Lower Upper
188 100
94 6.0 3.9 5.9#
80 5.9 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.298 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094102.D
Acq: 25 Sep 2017 14:53

Tgt Ion:248 Resp: 2153
Ion Ratio Lower Upper
248 100
250 74.8 62.7 94.1
141 72.6 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.260 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampled :

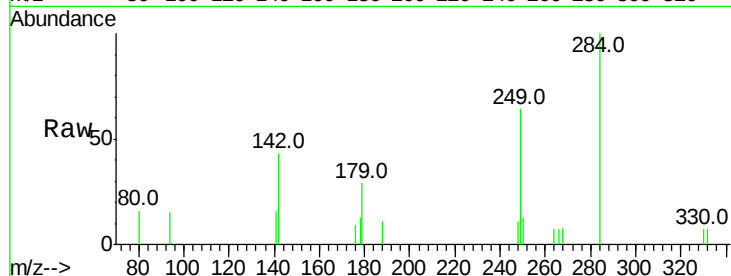
Tot Ion:284 Resp: 1379

Ion Ratio Lower Upper

284 100

142 38.7 22.1 33.1#

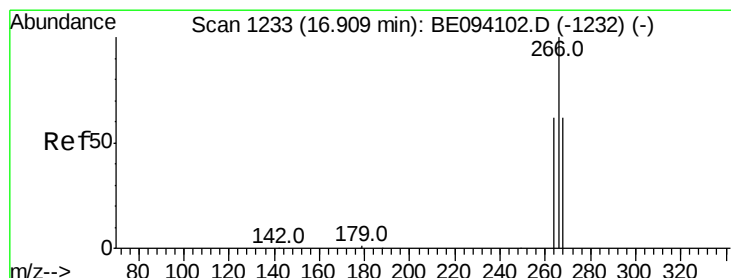
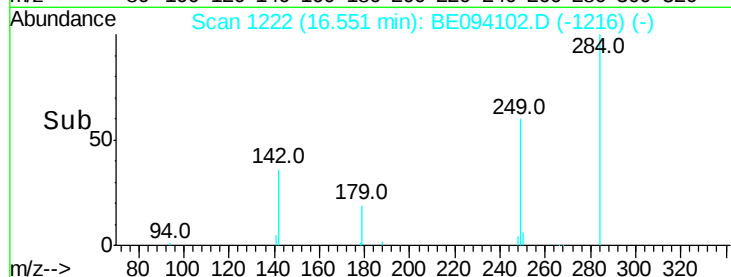
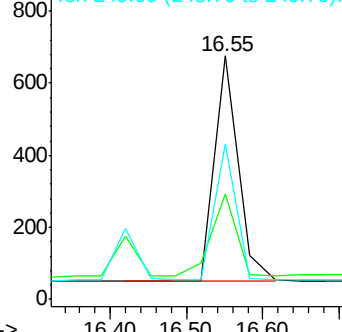
249 53.4 34.8 52.2#



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: 3.287 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

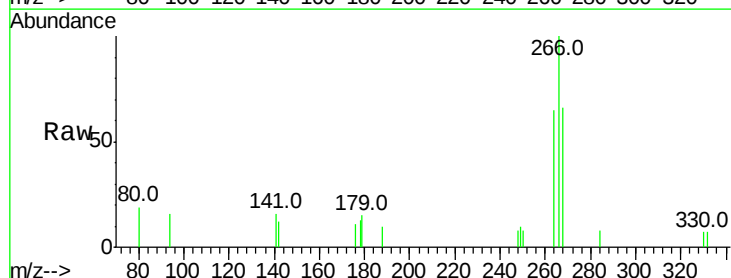
Tgt Ion:266 Resp: 1240

Ion Ratio Lower Upper

266 100

264 65.2 72.5 108.7#

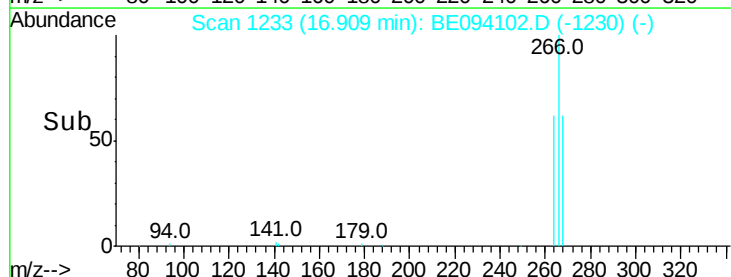
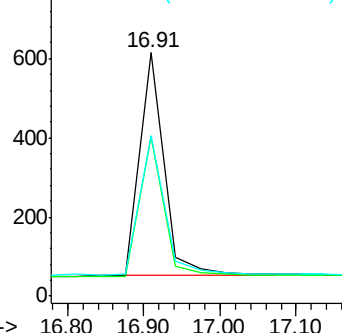
268 65.9 73.8 110.6#

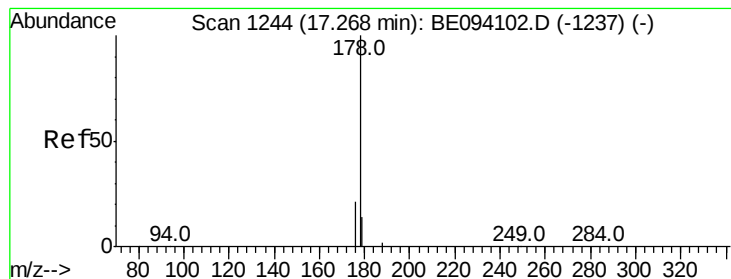


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.274 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

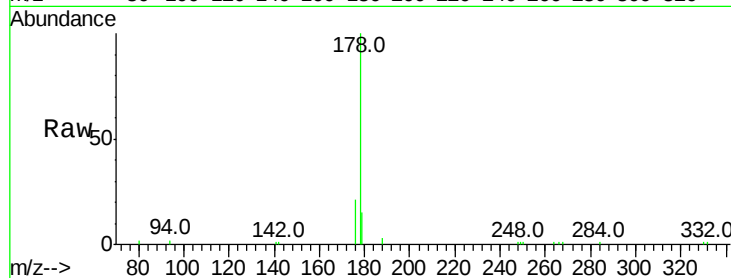
Tot Ion:178 Resp: 13243

Ion Ratio Lower Upper

178 100

176 20.6 15.1 22.7

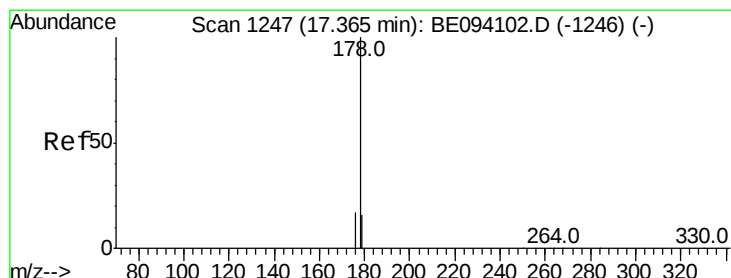
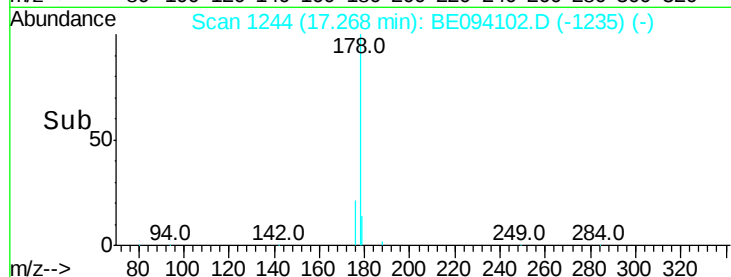
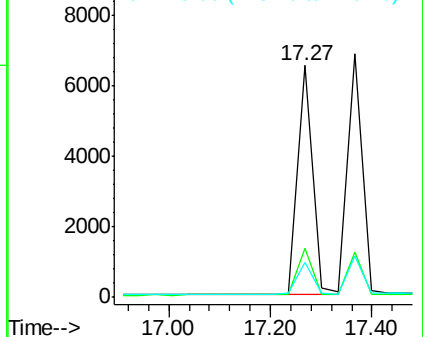
179 14.7 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.367 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

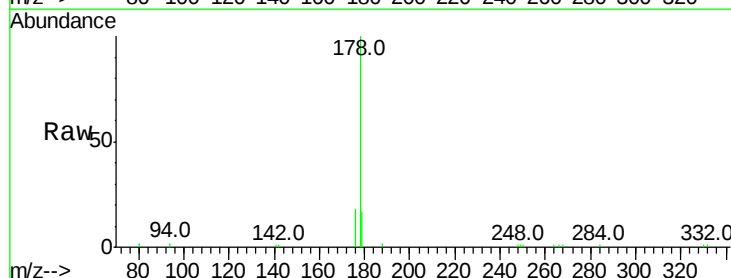
Tgt Ion:178 Resp: 13672

Ion Ratio Lower Upper

178 100

176 17.6 12.8 19.2

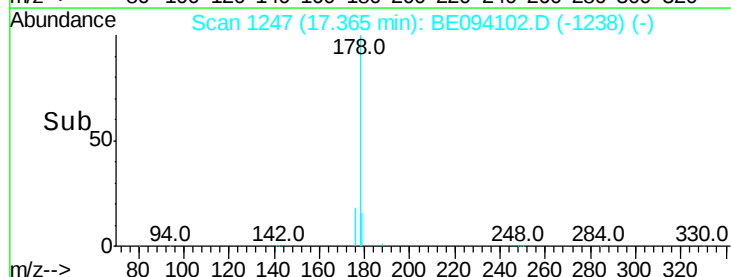
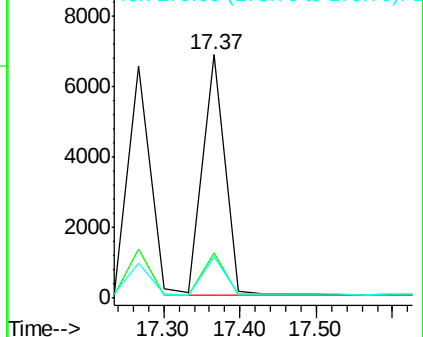
179 16.1 13.0 19.6

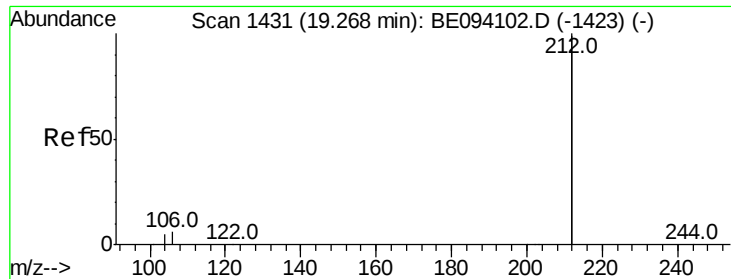


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.287 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

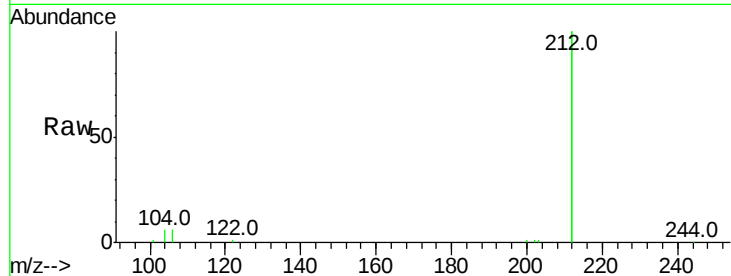
Tot Ion:212 Resp: 49707

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

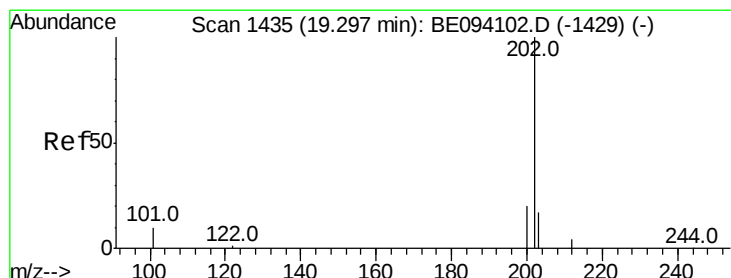
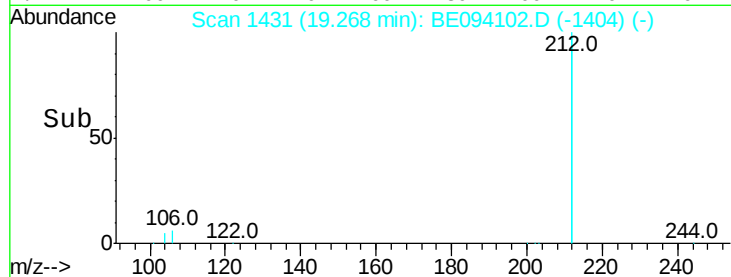
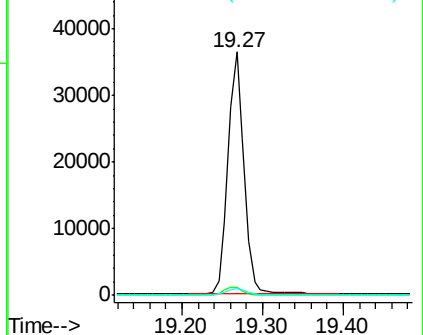
104 3.6 1.6 2.4#



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: 0.289 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

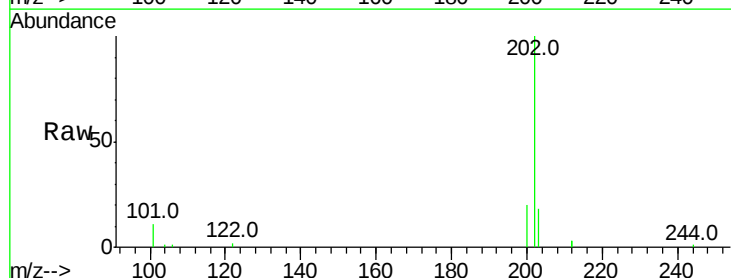
Tgt Ion:202 Resp: 15006

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.8

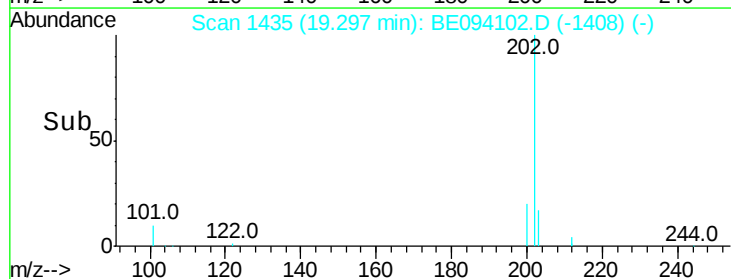
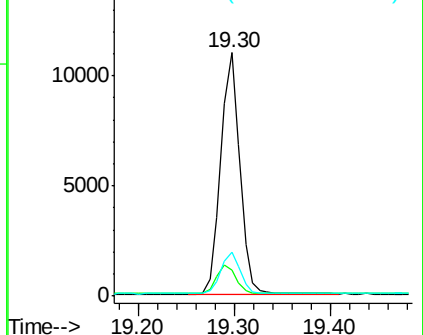
203 17.1 13.7 20.5

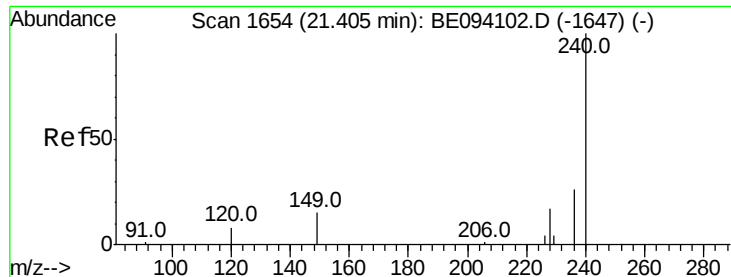


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

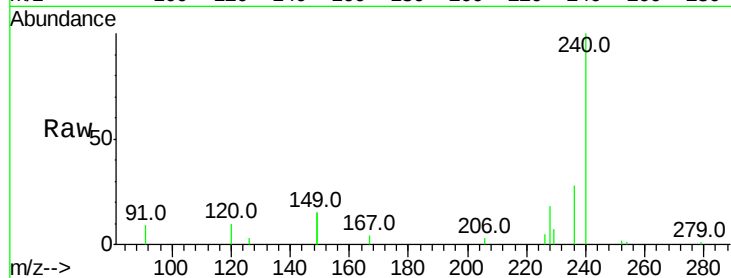
Tot Ion:240 Resp: 13250

Ion Ratio Lower Upper

240 100

120 10.3 5.5 8.3#

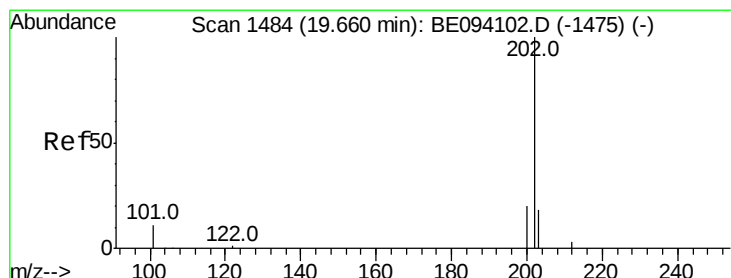
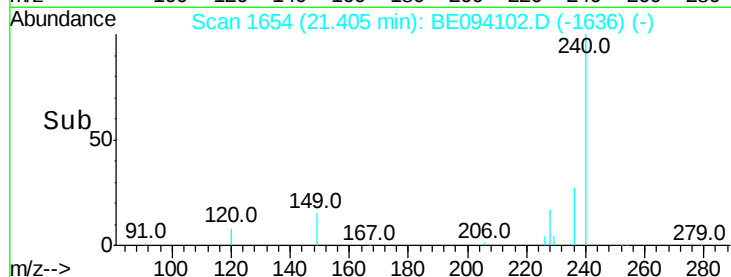
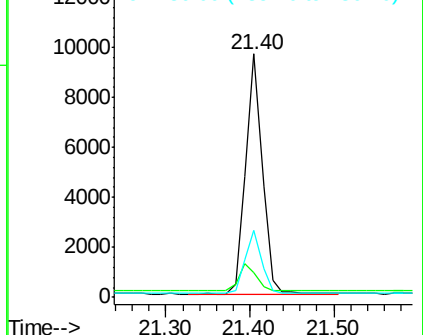
236 27.7 20.7 31.1



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: 0.440 ng

RT: 19.66 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

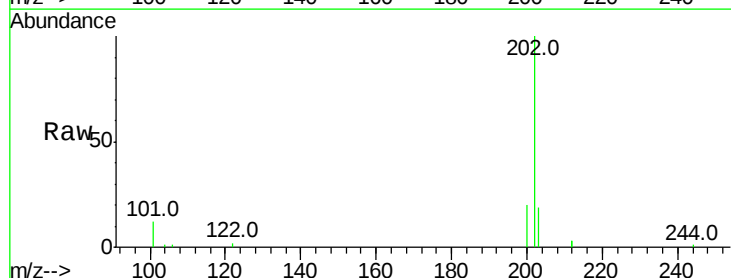
Tgt Ion:202 Resp: 16145

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

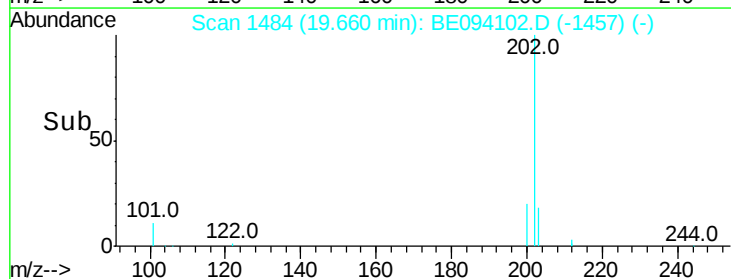
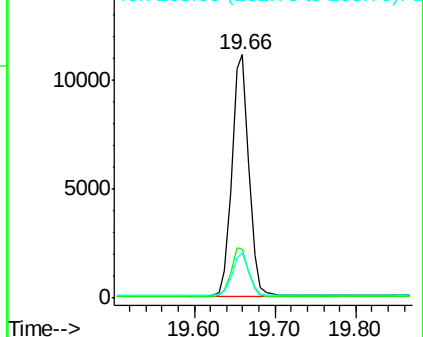
203 17.8 13.8 20.8

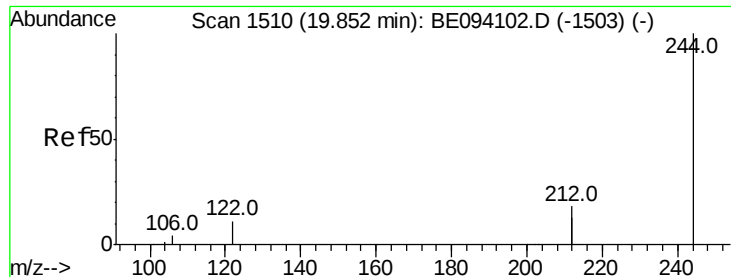


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.441 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

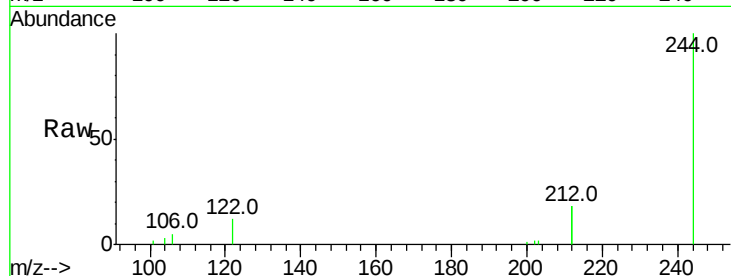
Tot Ion:244 Resp: 9162

Ion Ratio Lower Upper

244 100

212 35.3 25.4 38.0

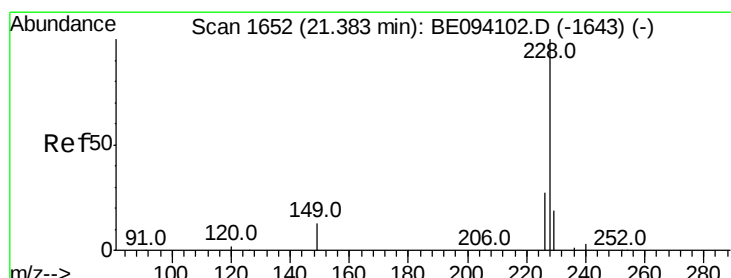
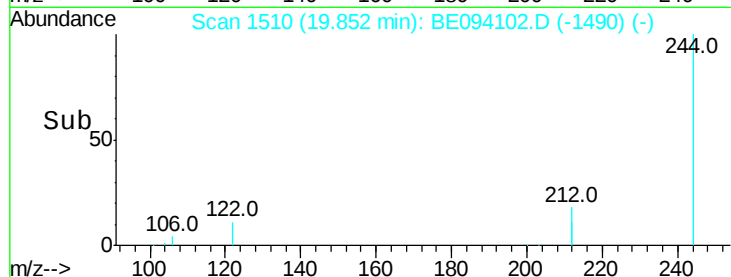
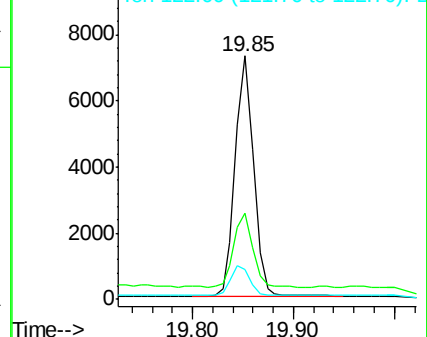
122 12.2 8.1 12.1#



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: 0.400 ng

RT: 21.38 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

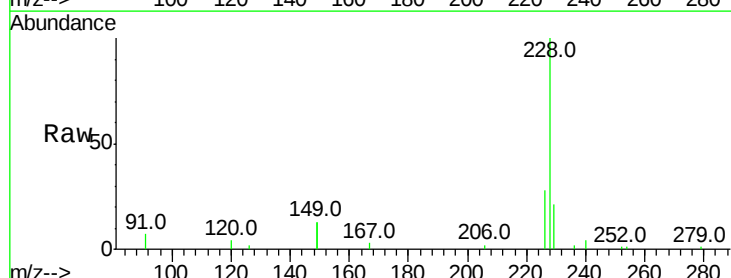
Tgt Ion:228 Resp: 17769

Ion Ratio Lower Upper

228 100

226 28.3 21.4 32.0

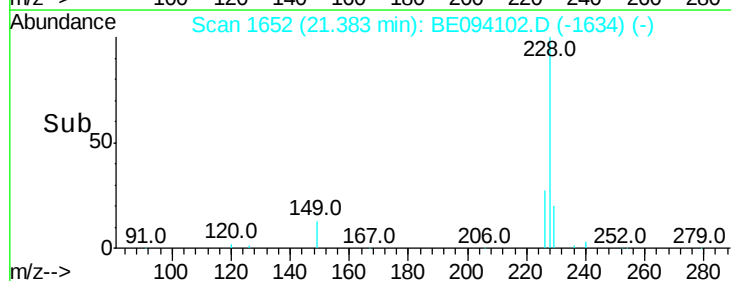
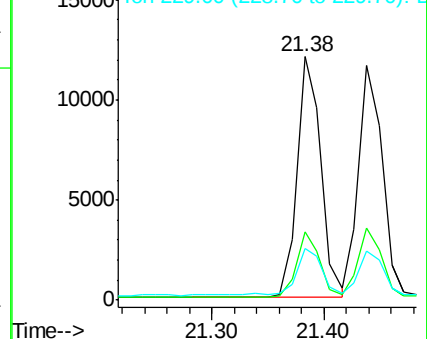
229 21.3 16.4 24.6

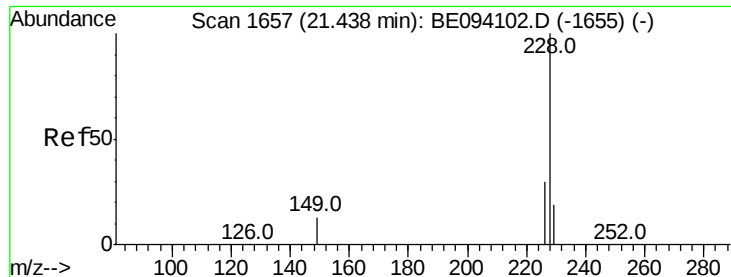


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

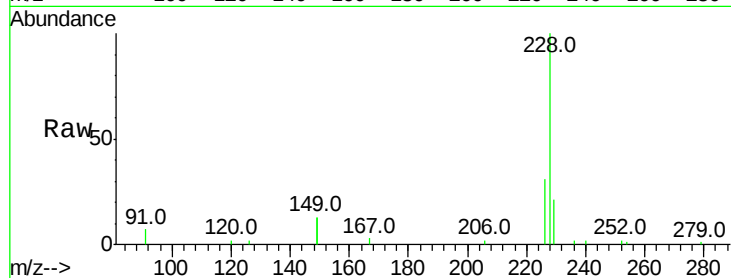
Tot Ion:228 Resp: 17142

Ion Ratio Lower Upper

228 100

226 30.9 23.6 35.4

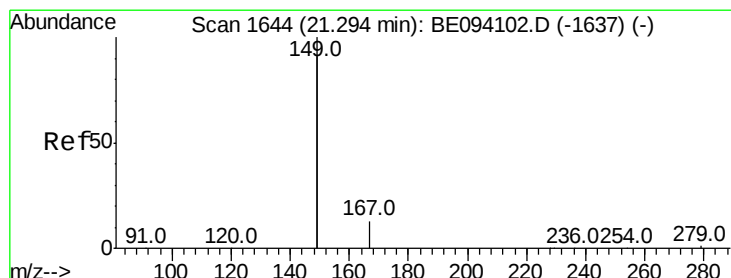
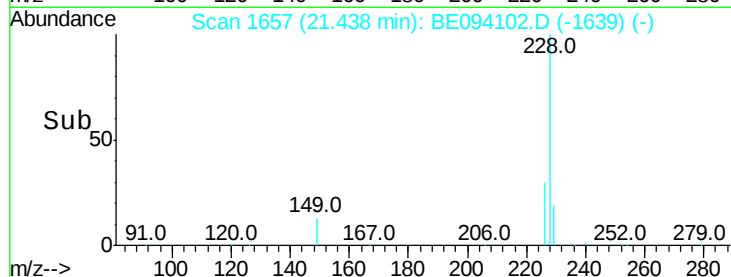
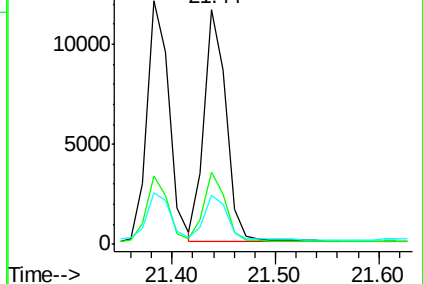
229 20.9 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.532 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

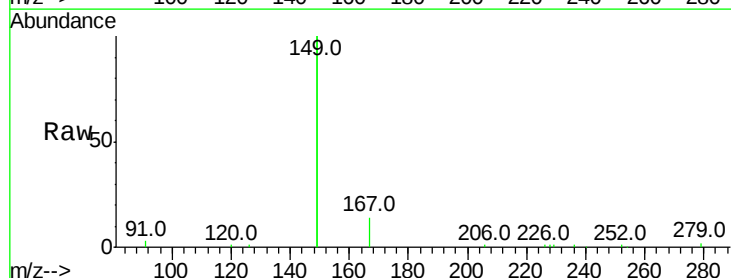
Tgt Ion:149 Resp: 63454

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

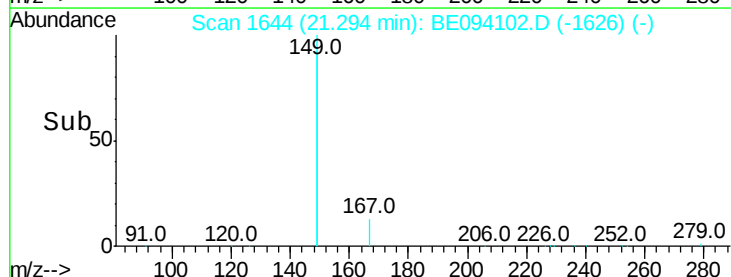
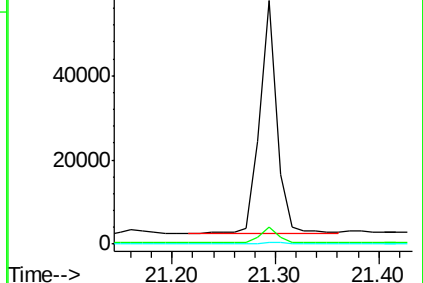
279 0.9 0.7 1.1

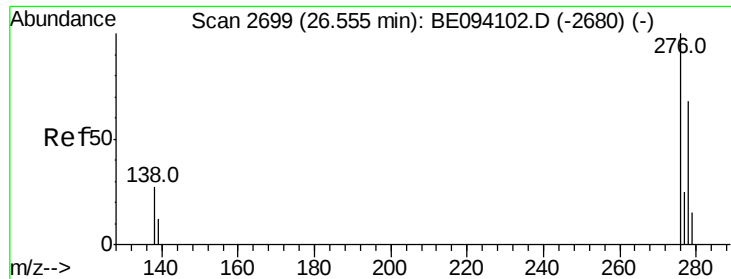


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.525 ng

RT: 26.55 min Scan# 2699

Delta R.T. 0.00 min

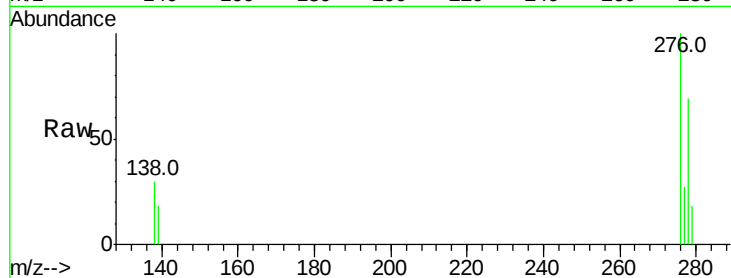
Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :



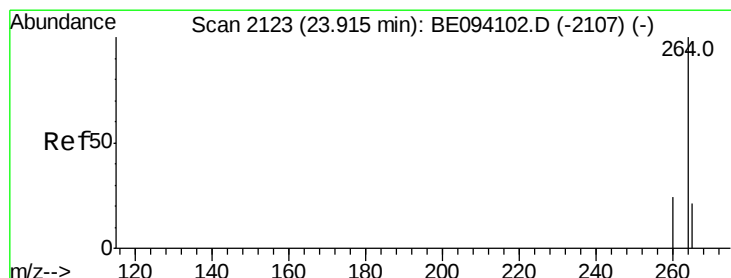
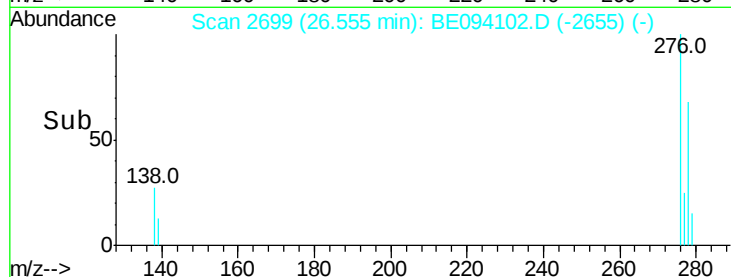
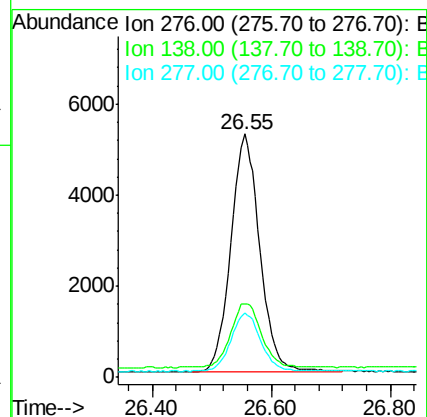
Tot Ion:276 Resp: 17654

Ion Ratio Lower Upper

276 100

138 27.7 22.5 33.7

277 24.8 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

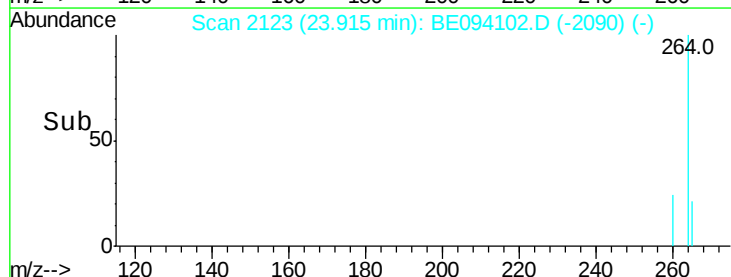
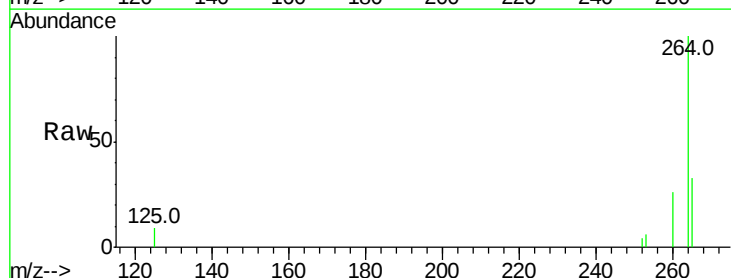
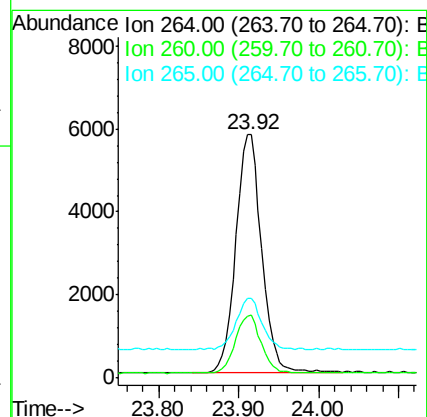
Tgt Ion:264 Resp: 12866

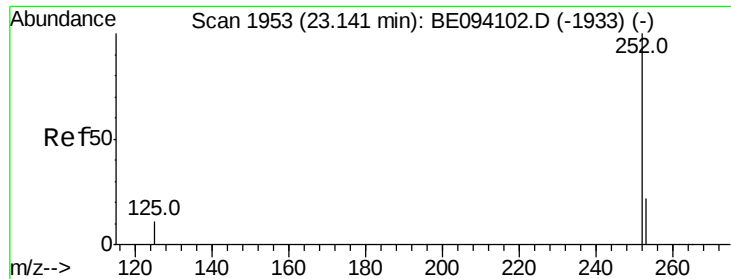
Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 32.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.359 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

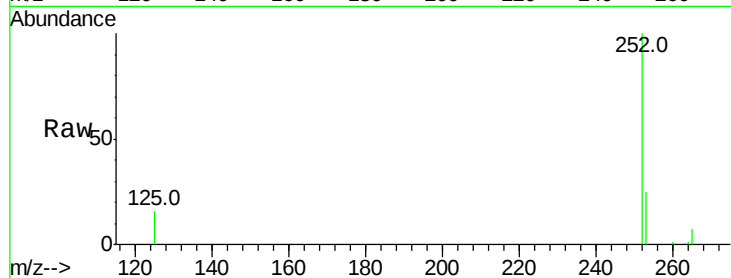
Tot Ion:252 Resp: 16724

Ion Ratio Lower Upper

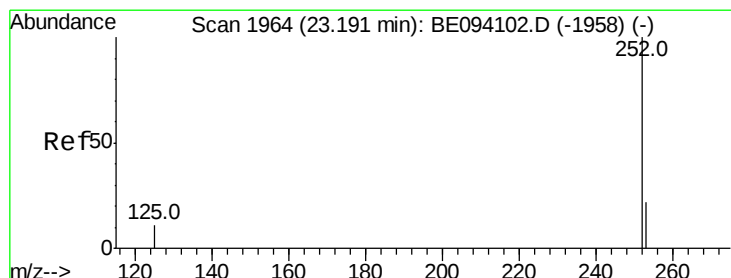
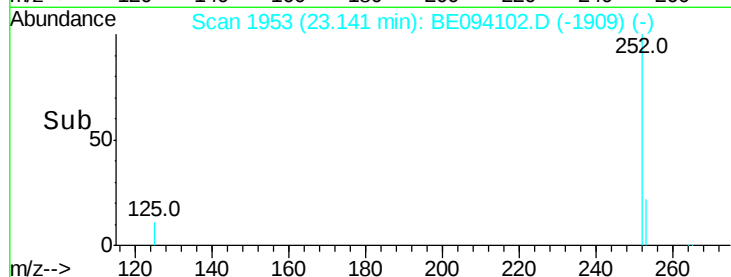
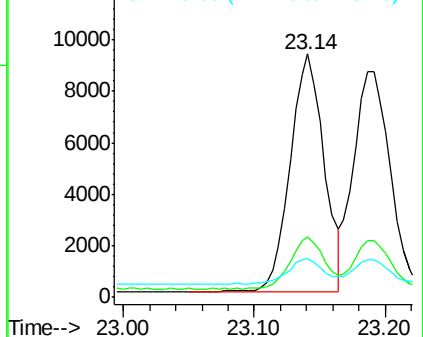
252 100

253 25.1 18.2 27.2

125 15.9 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.358 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

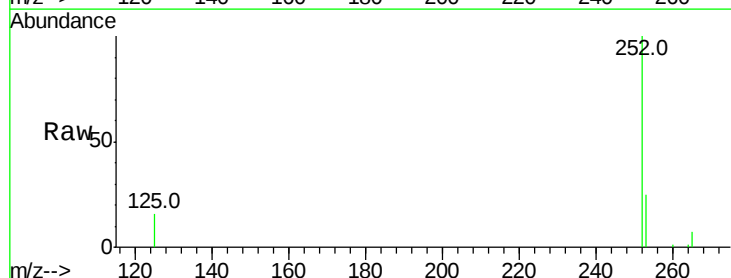
Tgt Ion:252 Resp: 16724

Ion Ratio Lower Upper

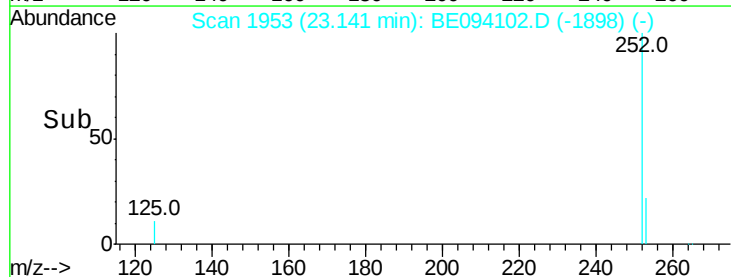
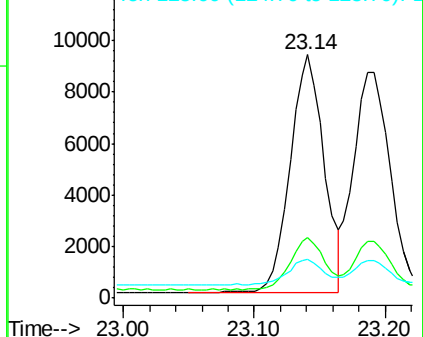
252 100

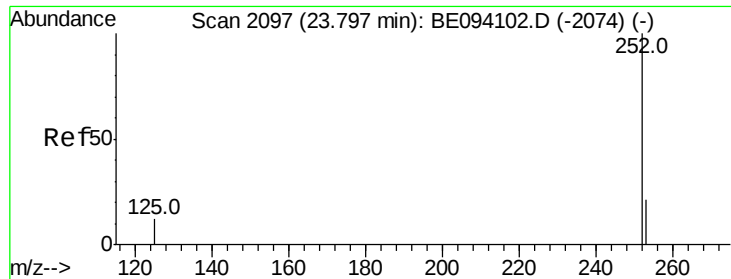
253 25.1 18.6 27.8

125 15.9 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :

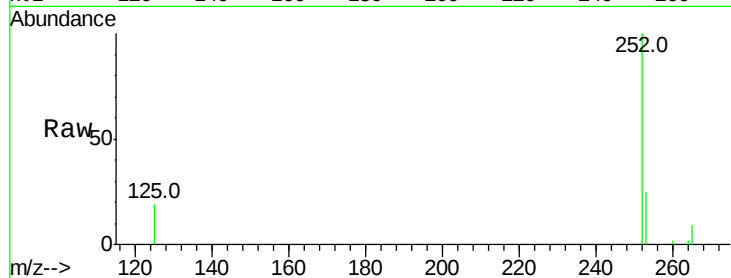
Tot Ion:252 Resp: 16126

Ion Ratio Lower Upper

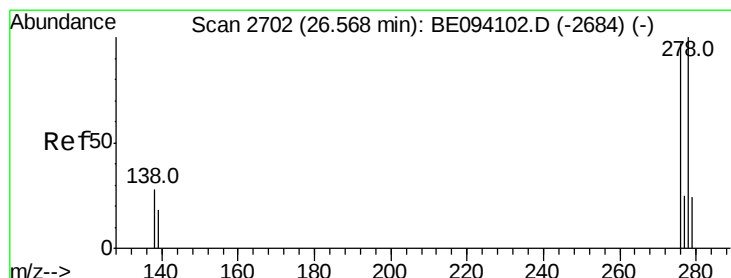
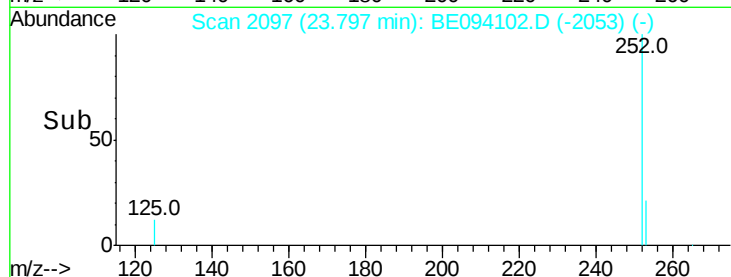
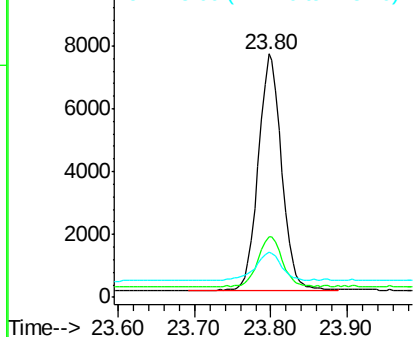
252 100

253 25.1 19.0 28.6

125 18.6 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: 0.452 ng

RT: 26.57 min Scan# 2702

Delta R.T. 0.00 min

Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

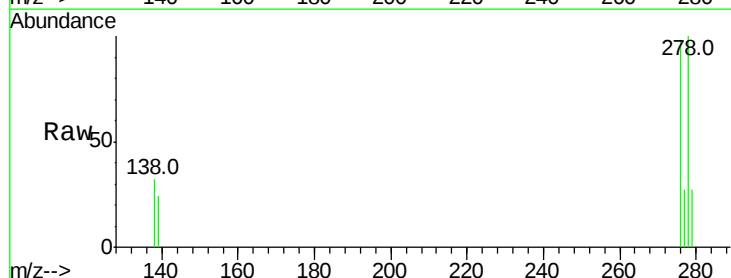
Tgt Ion:278 Resp: 15124

Ion Ratio Lower Upper

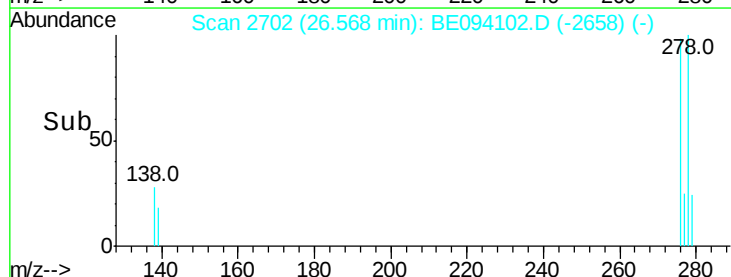
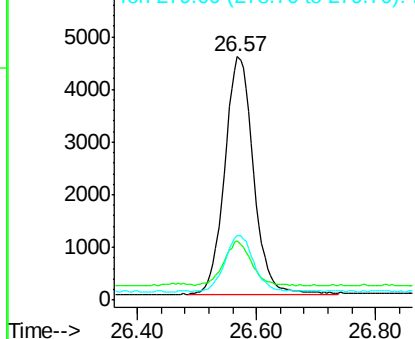
278 100

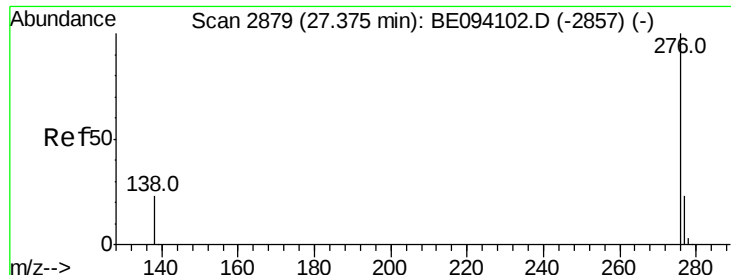
139 24.1 16.3 24.5

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: 0.451 ng

RT: 27.37 min Scan# 2879

Delta R.T. 0.00 min

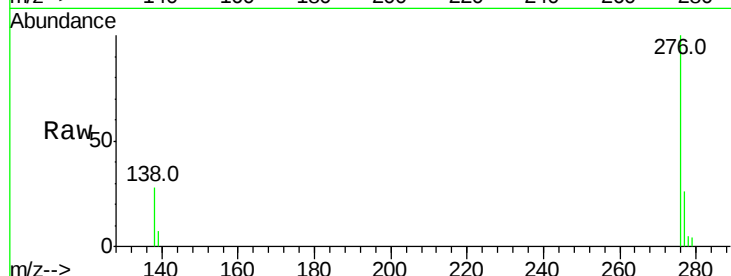
Lab File: BE094102.D

Acq: 25 Sep 2017 14:53

Instrument :

BNA_E

ClientSampleId :



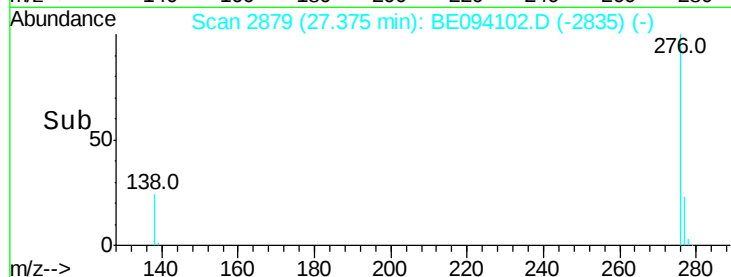
Tot Ion:276 Resp: 15106

Ion Ratio Lower Upper

276 100

277 26.0 20.8 31.2

138 28.2 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

