

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094502.D
 Acq On : 23 Oct 2017 19:09
 Operator : SJ/JU
 Sample : PB103539BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103539BS

Quant Time: Oct 23 22:28:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 19:31:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1062	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	5447	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3456	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	6941	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9069	0.40	ng	0.00
34) Perylene-d12	23.95	264	8370	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1329	0.37	ng	0.00
5) Phenol-d6	7.14	99	1965	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	104	0.02	ng	-0.12
11) 2-Methylnaphthalene-d10	12.29	152	3440	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	346	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4528	0.37	ng	0.00
25) Fluoranthene-d10	19.28	212	38982	0.47	ng	0.00
29) Terphenyl-d14	19.86	244	6367	0.37	ng	0.00

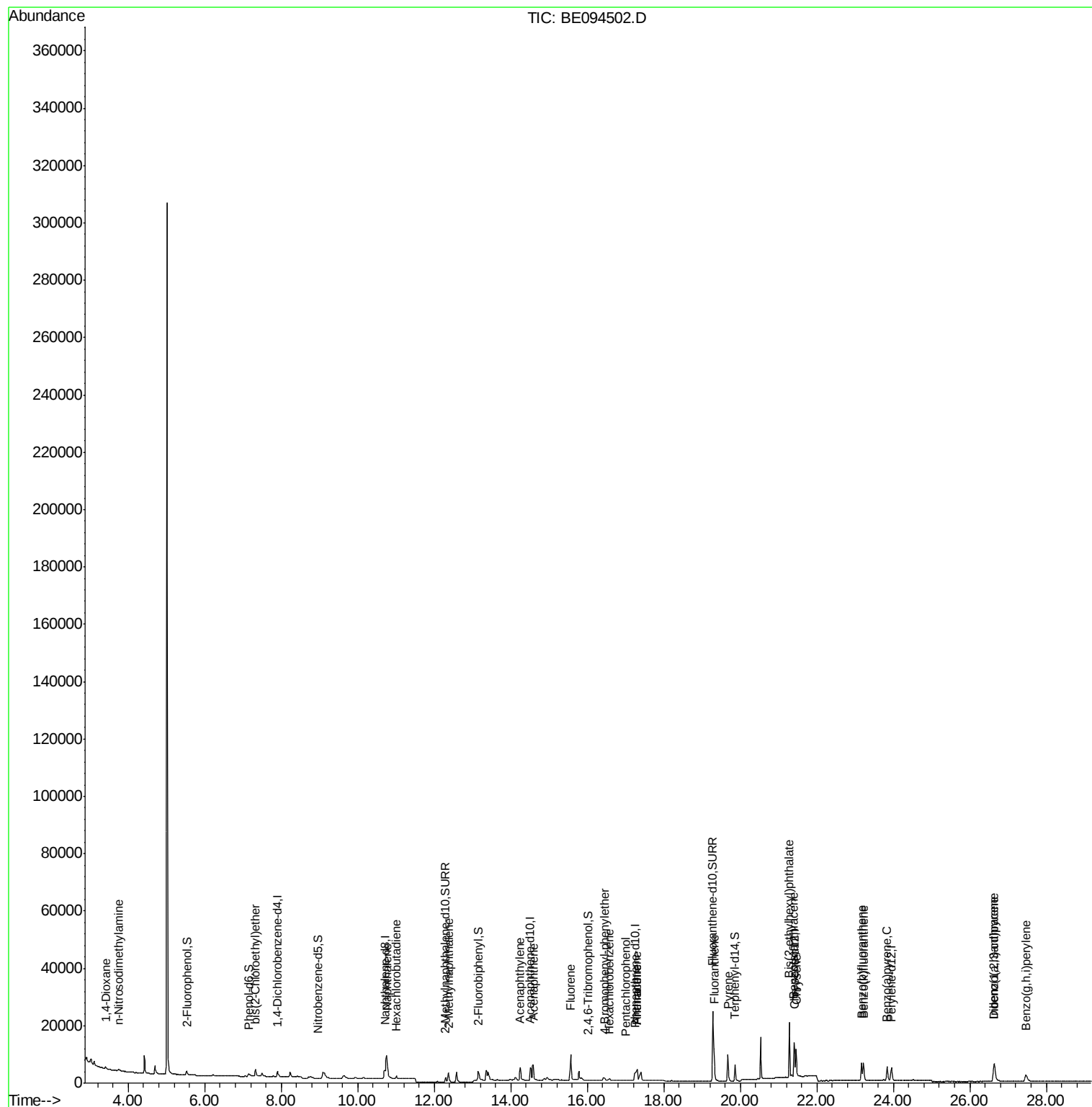
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	594	0.33	ng	# 1
3) n-Nitrosodimethylamine	3.74	42	739	0.43	ng	# 88
6) bis(2-Chloroethyl)ether	7.33	93	1505	0.35	ng	81
9) Naphthalene	10.76	128	20987	0.34	ng	100
10) Hexachlorobutadiene	11.01	225	786	0.35	ng	96
12) 2-Methylnaphthalene	12.37	142	3699	0.35	ng	98
16) Acenaphthylene	14.24	152	5989	0.33	ng	99
17) Acenaphthene	14.59	154	3872	0.33	ng	97
18) Fluorene	15.56	166	5141	0.34	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1254	0.33	ng	# 62
21) Hexachlorobenzene	16.58	284	1353	0.41	ng	# 38
22) Pentachlorophenol	17.01	266	127	0.30	ng	92
23) Phenanthrene	17.30	178	9284	0.52	ng	# 93
24) Anthracene	17.30	178	9269	0.45	ng	97
26) Fluoranthene	19.31	202	10342	0.40	ng	100
28) Pyrene	19.67	202	10573	0.33	ng	99
30) Benzo(a)anthracene	21.40	228	10425	0.35	ng	# 62
31) Chrysene	21.46	228	9819	0.33	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.28	149	24198	0.33	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	9846	0.36	ng	99
35) Benzo(b)fluoranthene	23.17	252	9477	0.35	ng	# 41
36) Benzo(k)fluoranthene	23.22	252	10297	0.36	ng	# 41
37) Benzo(a)pyrene	23.83	252	9288	0.35	ng	# 35
38) Dibenzo(a,h)anthracene	26.64	278	8355	0.35	ng	# 47
39) Benzo(g,h,i)perylene	27.46	276	7863	0.36	ng	# 57

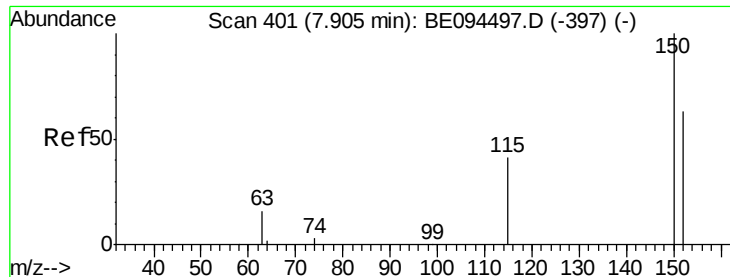
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094502.D
Acq On : 23 Oct 2017 19:09
Operator : SJ/JU
Sample : PB103539BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB103539BS

Quant Time: Oct 23 22:28:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 19:31:26 2017
Response via : Initial Calibration



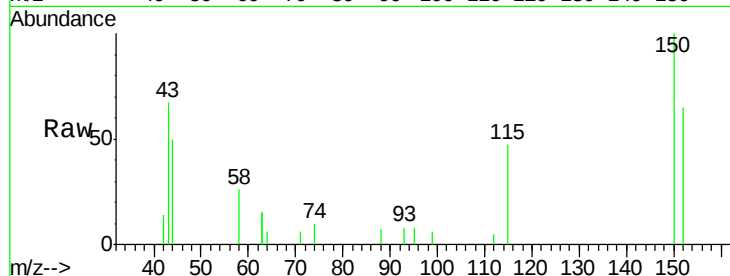


#1

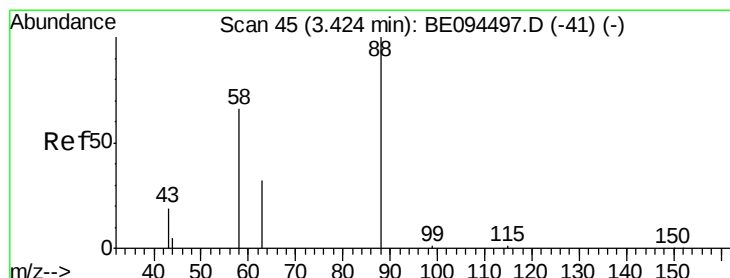
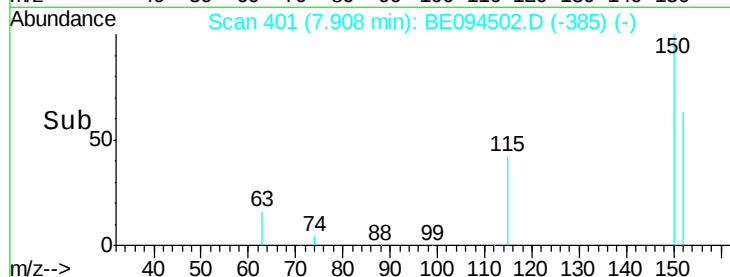
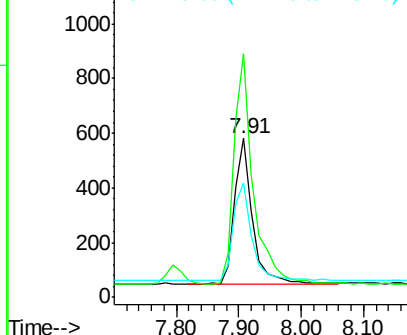
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

Instrument :
BNA_E
ClientSampleId :
PB103539BS

Tot Ion:152 Resp: 1062
Ion Ratio Lower Upper
152 100
150 153.2 117.2 175.8
115 71.6 57.0 85.6



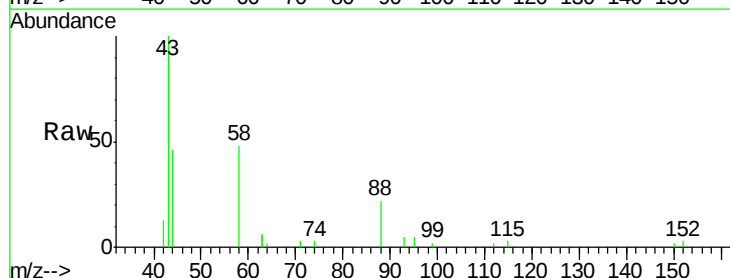
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



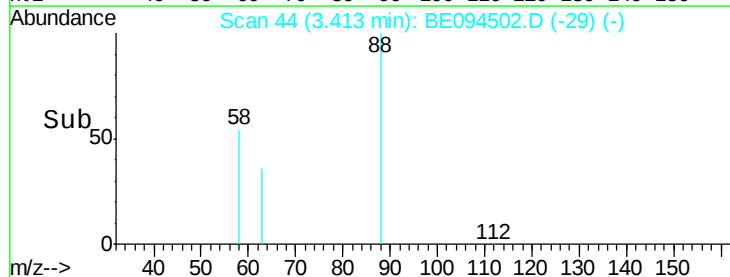
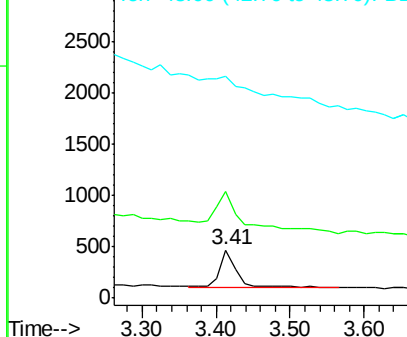
#2

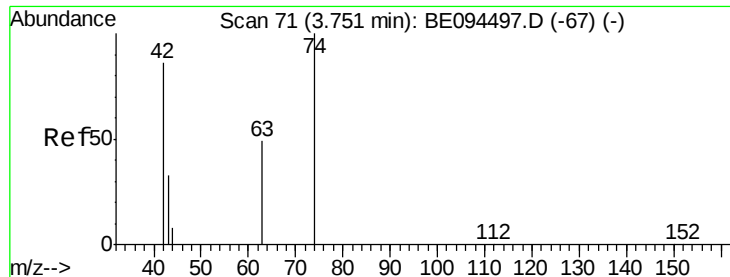
1,4-Dioxane
Concen: 0.33 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

Tgt Ion: 88 Resp: 594
Ion Ratio Lower Upper
88 100
58 190.7 63.2 94.8#
43 0.0 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: 0.43 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

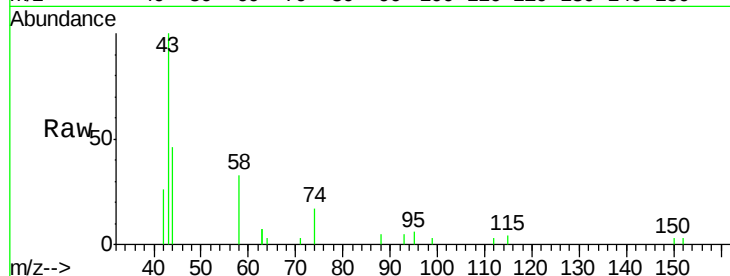
Tot Ion: 42 Resp: 739

Ion Ratio Lower Upper

42 100

74 118.4 100.3 150.5

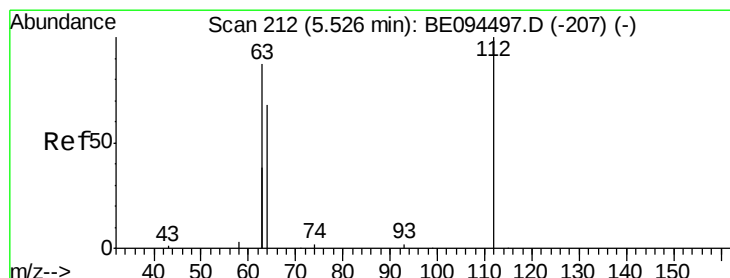
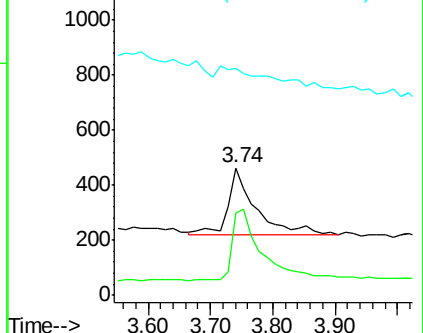
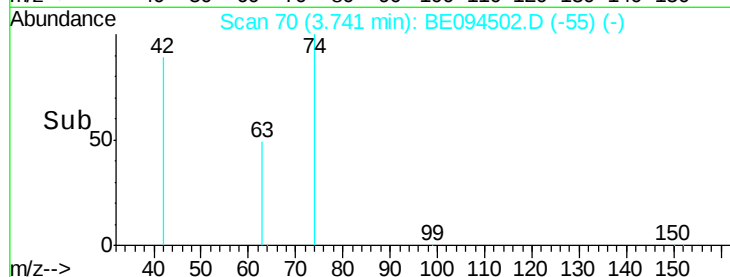
44 0.0 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.37 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

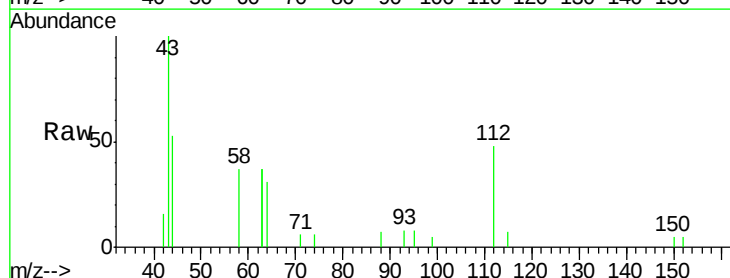
Tgt Ion: 112 Resp: 1329

Ion Ratio Lower Upper

112 100

64 71.1 60.1 90.1

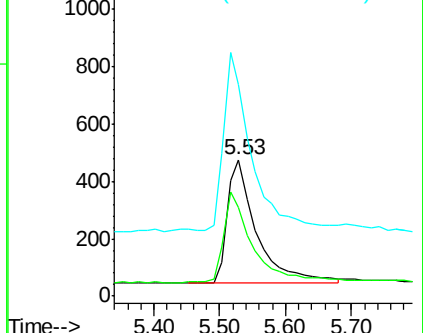
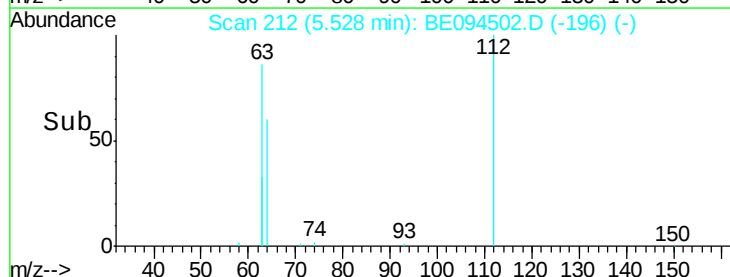
63 136.9 116.8 175.2

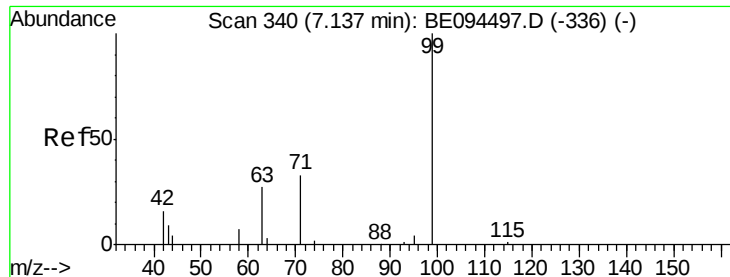


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

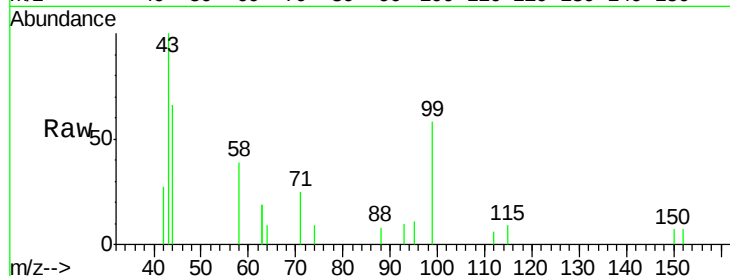
Tot Ion: 99 Resp: 1965

Ion Ratio Lower Upper

99 100

42 20.8 20.2 30.2

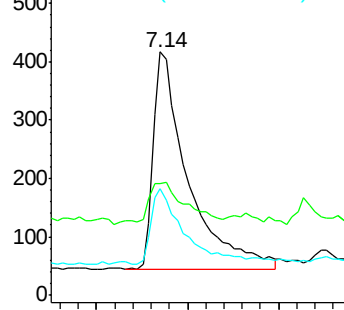
71 34.7 28.4 42.6



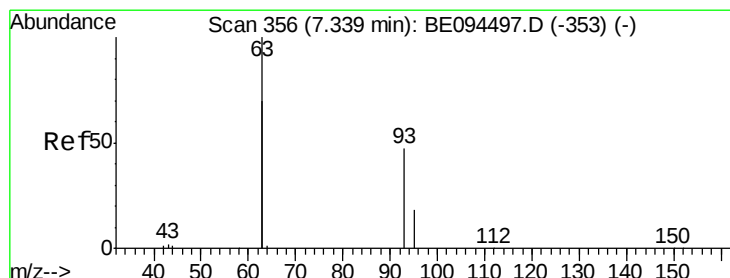
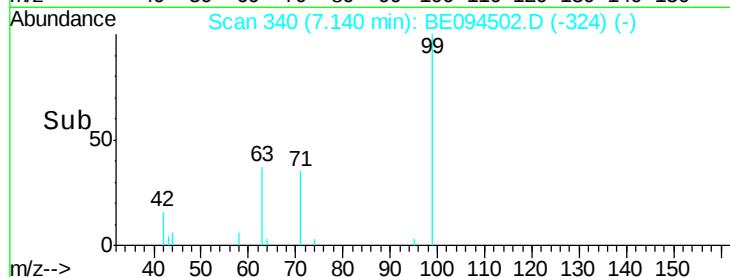
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.35 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

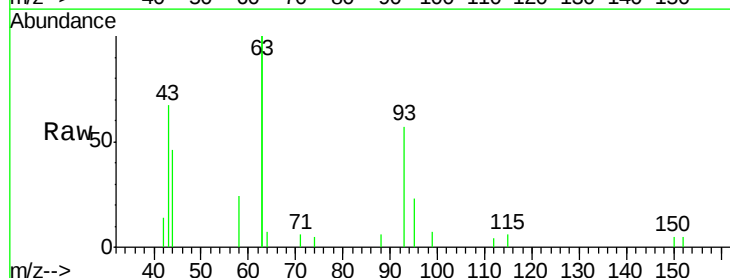
Tgt Ion: 93 Resp: 1505

Ion Ratio Lower Upper

93 100

63 300.3 275.3 412.9

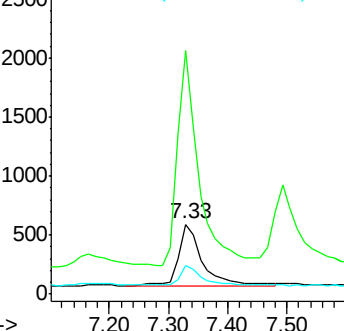
95 27.6 25.2 37.8



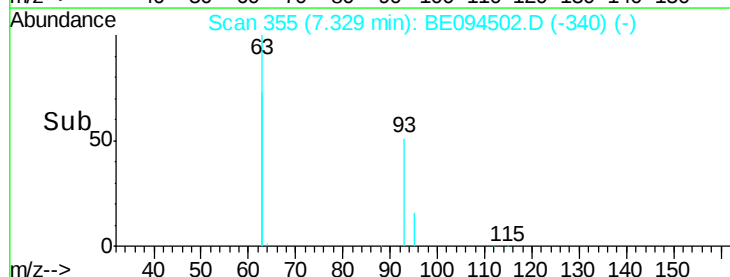
Abundance Ion 93.00 (92.70 to 93.70): BE0

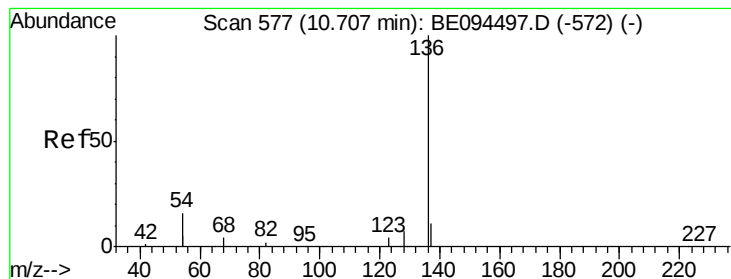
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

Tot Ion:136 Resp: 5447

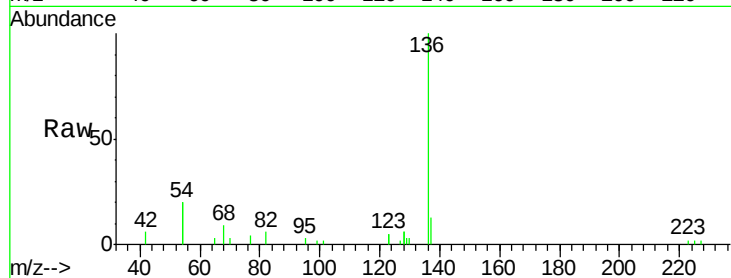
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 40.6 29.1 43.7

68 8.7 6.2 9.2

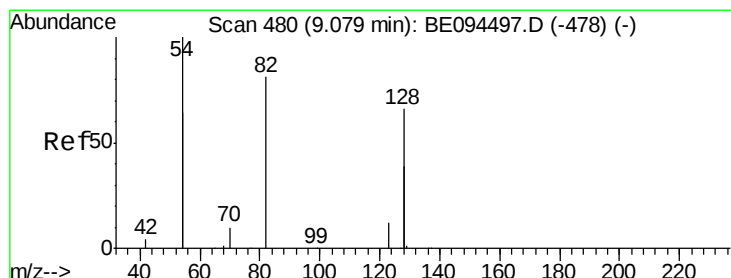
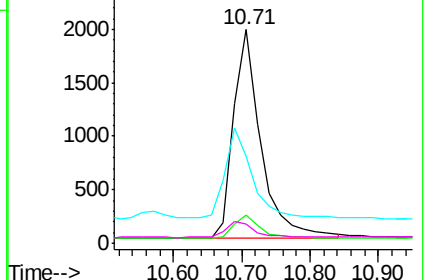
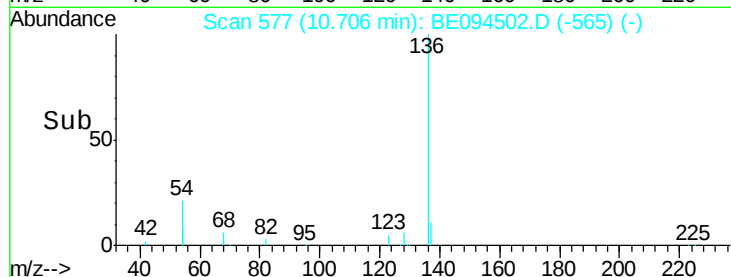


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.02 ng

RT: 8.96 min Scan# 473

Delta R.T. -0.12 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

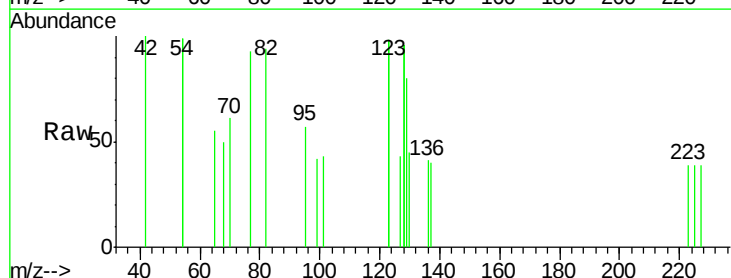
Tgt Ion: 82 Resp: 104

Ion Ratio Lower Upper

82 100

128 203.7 150.0 225.0

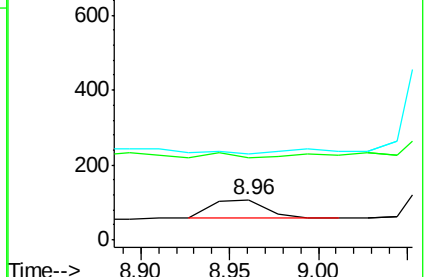
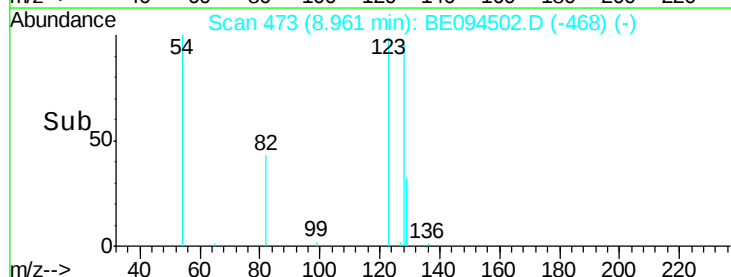
54 211.1 154.2 231.4

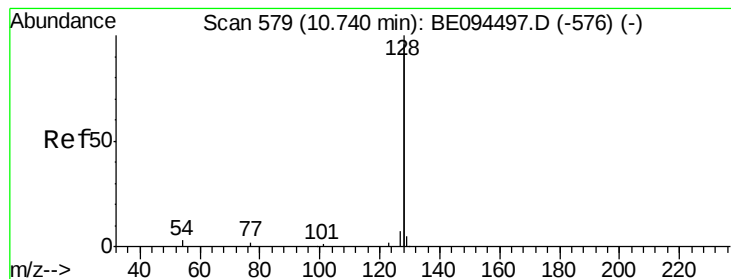


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.34 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

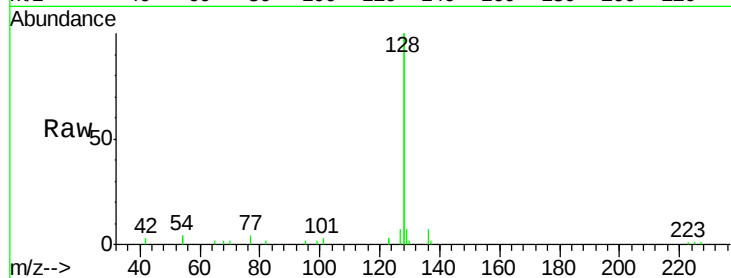
Tot Ion:128 Resp: 20987

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

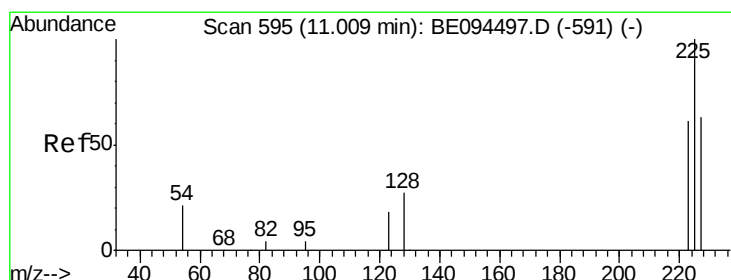
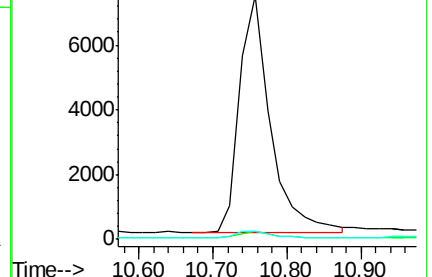
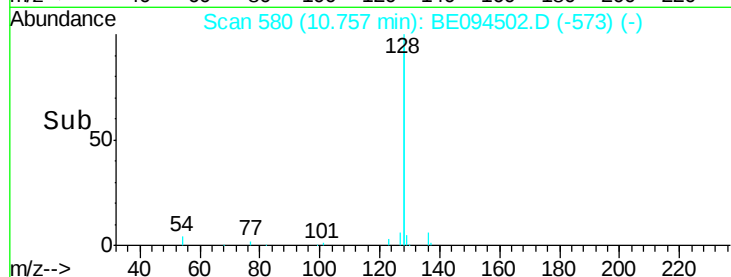
127 3.5 2.8 4.2



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: 0.35 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

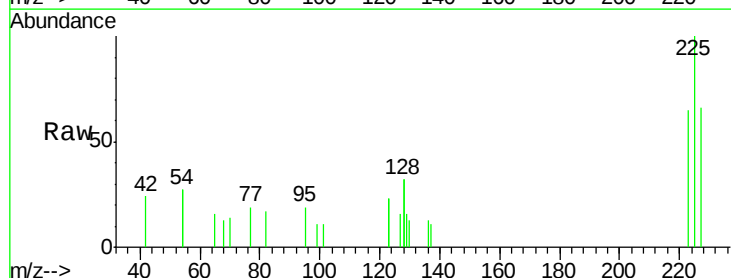
Tgt Ion:225 Resp: 786

Ion Ratio Lower Upper

225 100

223 60.2 53.0 79.6

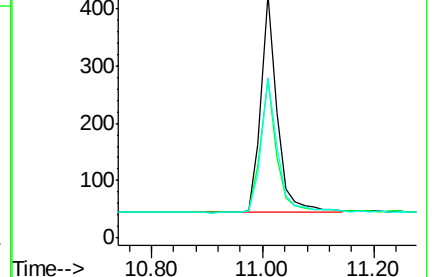
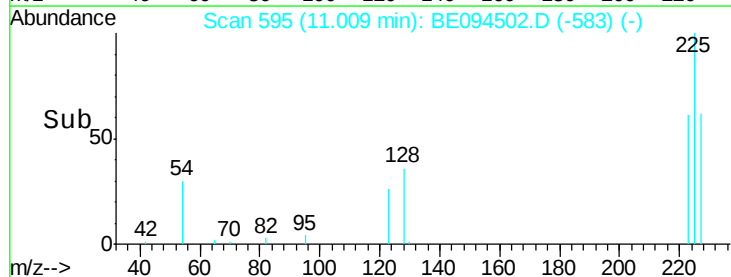
227 65.1 51.4 77.2

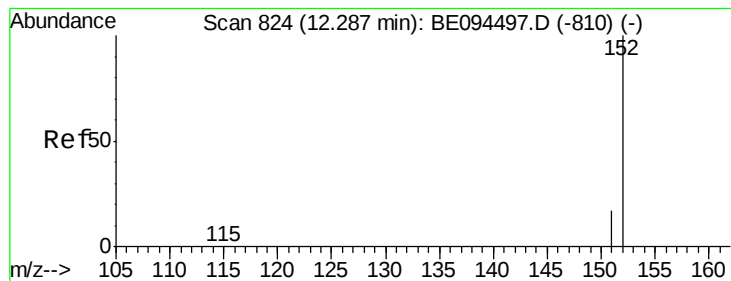


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

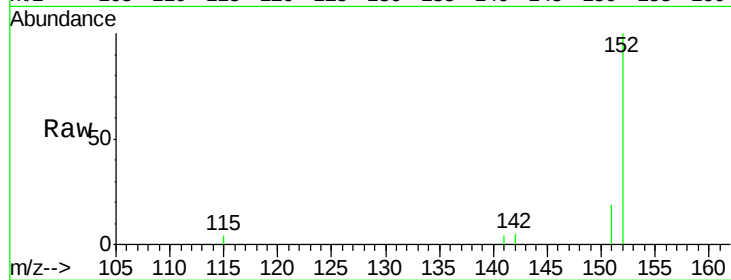
PB103539BS

Tot Ion:152 Resp: 3440

Ion Ratio Lower Upper

152 100

151 18.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

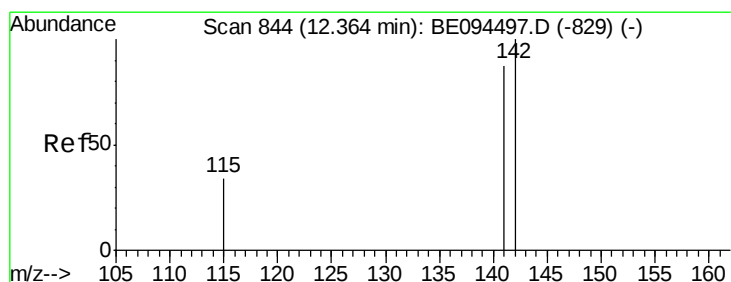
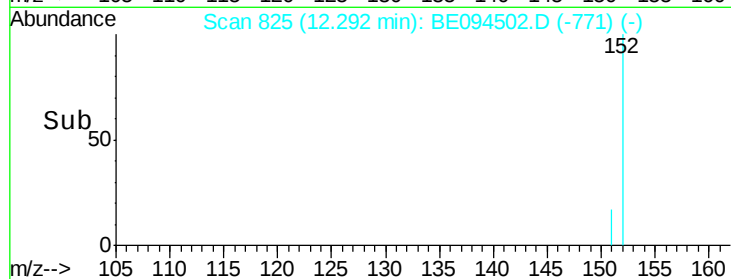
1500

1000

500

0

Time--> 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.35 ng

RT: 12.37 min Scan# 845

Delta R.T. 0.01 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

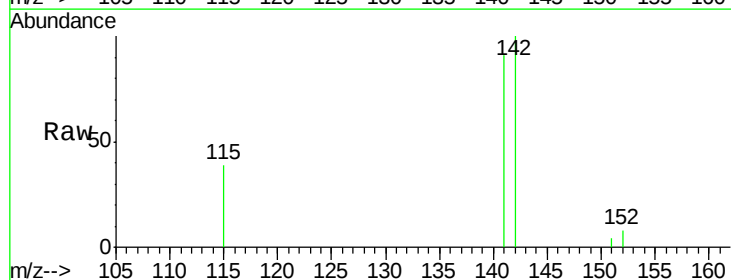
Tgt Ion:142 Resp: 3699

Ion Ratio Lower Upper

142 100

141 91.0 70.4 105.6

115 39.3 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

12.37

2000

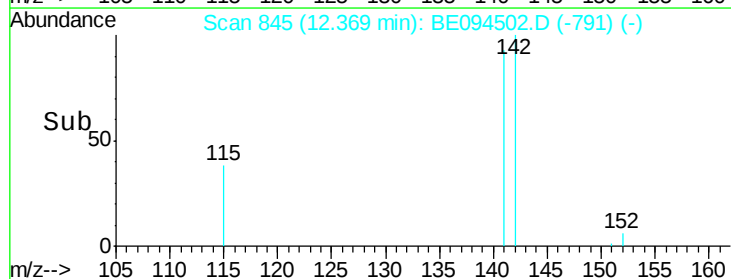
1500

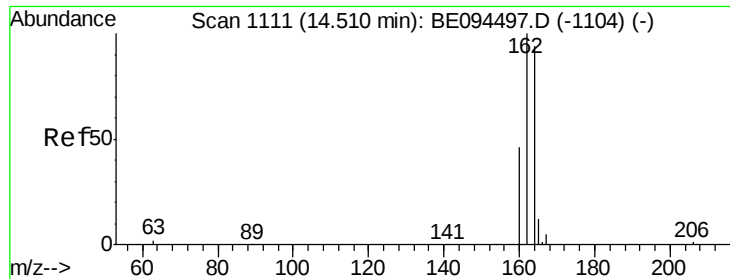
1000

500

0

Time--> 12.30 12.40 12.50

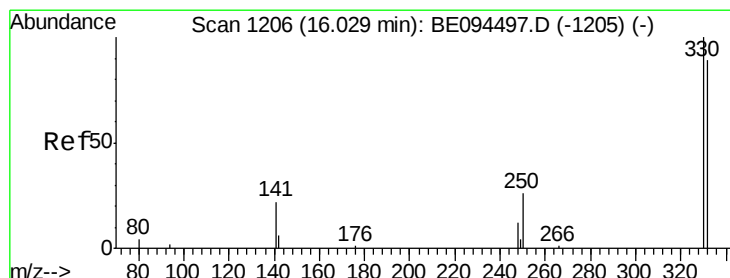
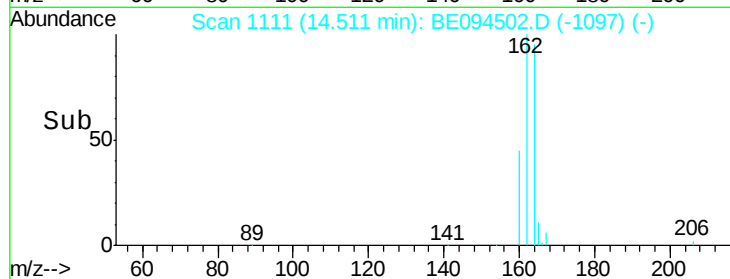
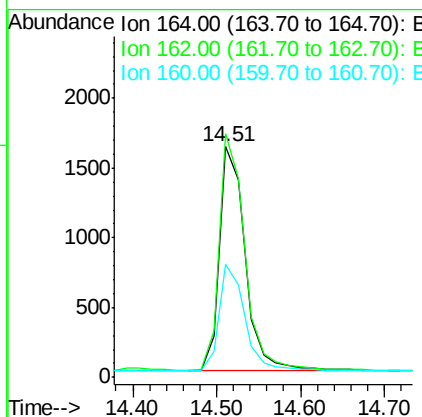
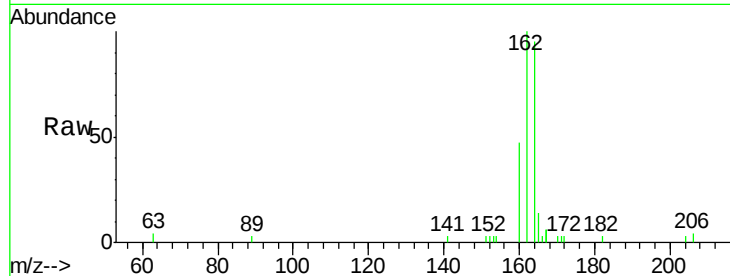




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

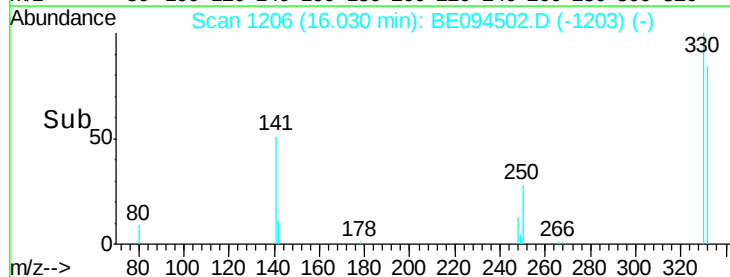
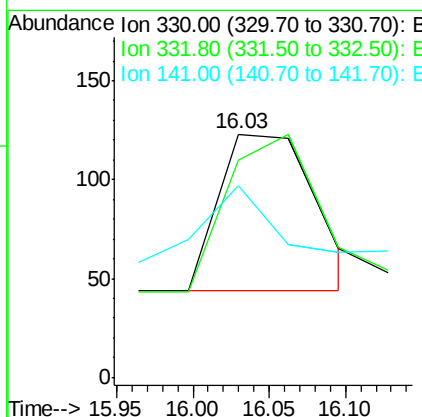
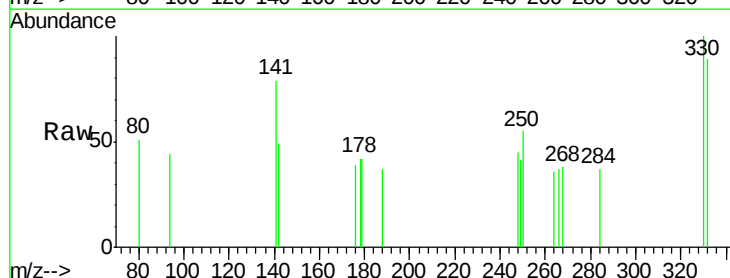
Instrument :
BNA_E
ClientSampleId :
PB103539BS

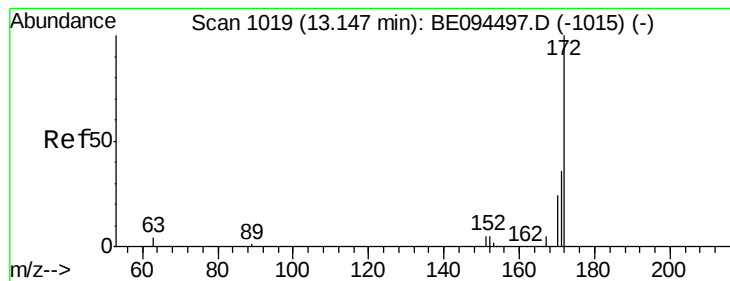
Tot Ion:164 Resp: 3456
Ion Ratio Lower Upper
164 100
162 105.5 83.1 124.7
160 49.2 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

Tgt Ion:330 Resp: 346
Ion Ratio Lower Upper
330 100
332 0.0 152.7 229.1#
141 21.4 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.15 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

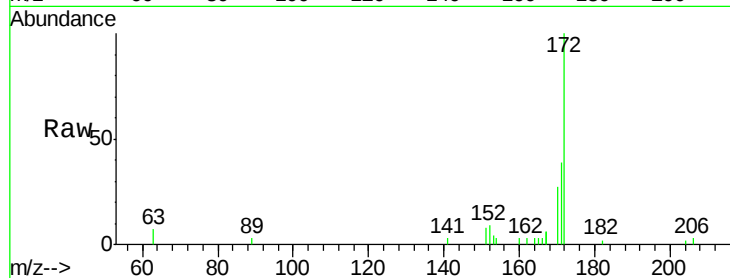
Tot Ion:172 Resp: 4528

Ion Ratio Lower Upper

172 100

171 38.7 29.9 44.9

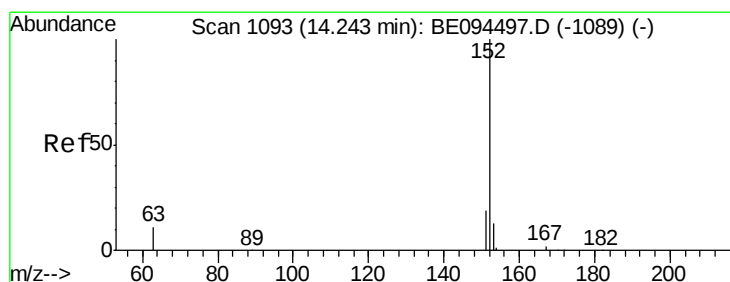
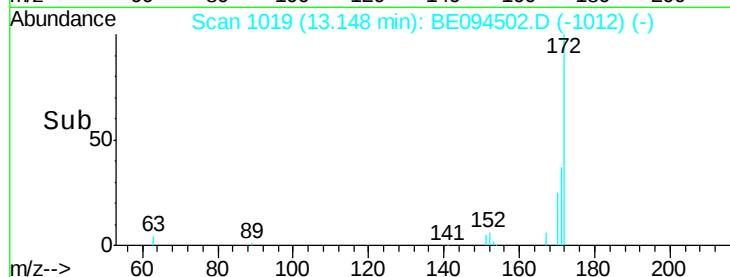
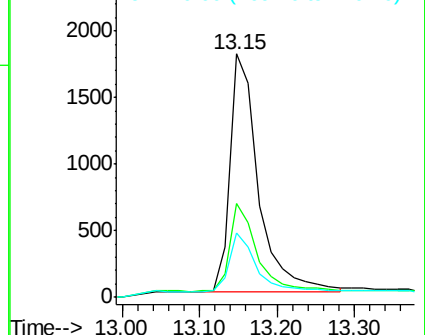
170 26.7 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.33 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

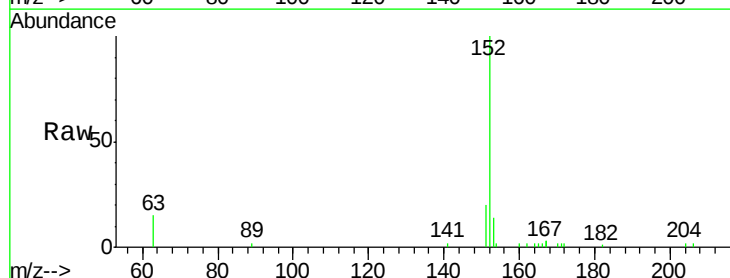
Tgt Ion:152 Resp: 5989

Ion Ratio Lower Upper

152 100

151 19.1 15.7 23.5

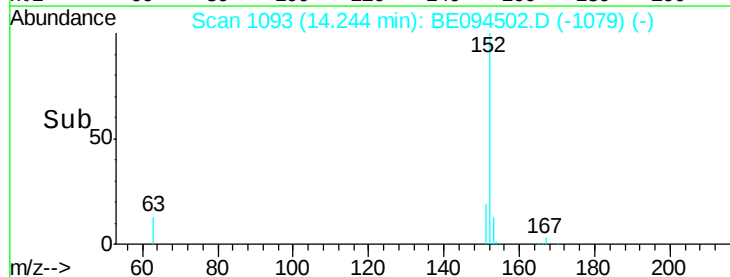
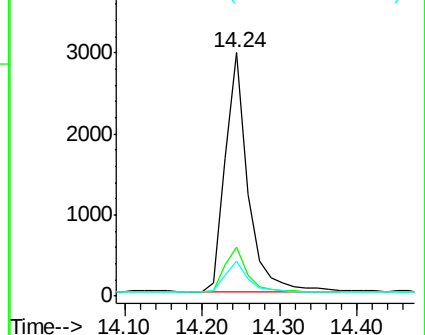
153 12.8 10.5 15.7

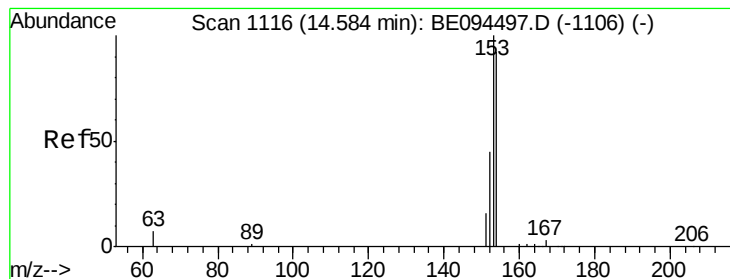


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.33 ng

RT: 14.59 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

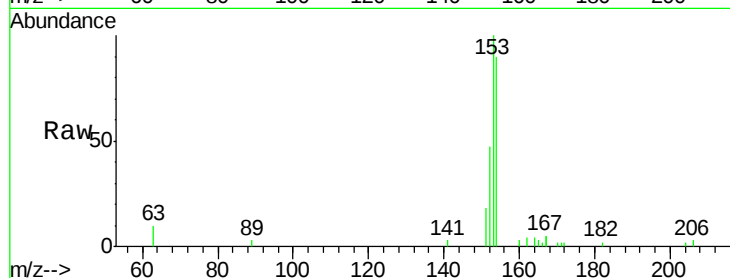
Tot Ion:154 Resp: 3872

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

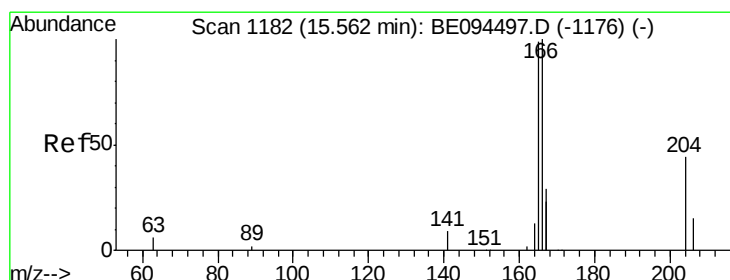
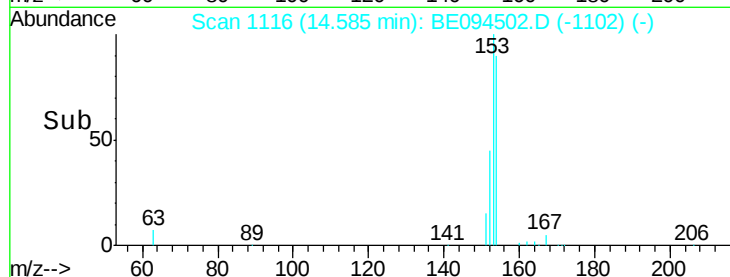
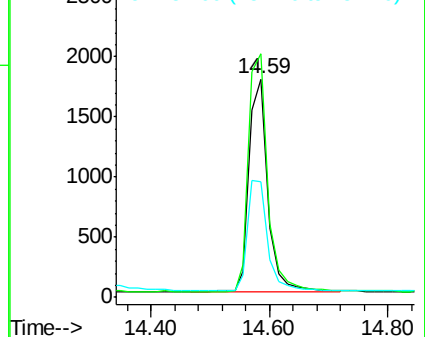
152 54.5 42.0 63.0



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: 0.34 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

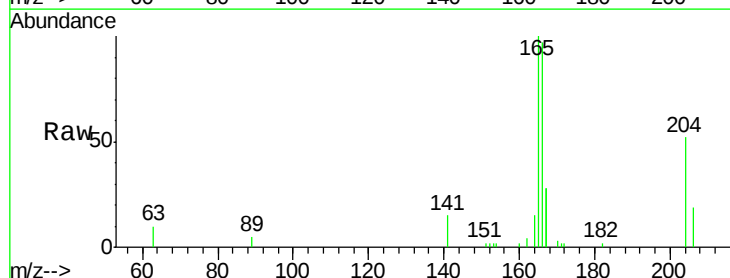
Tgt Ion:166 Resp: 5141

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.6

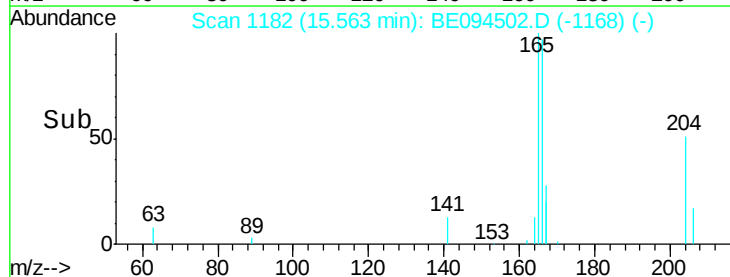
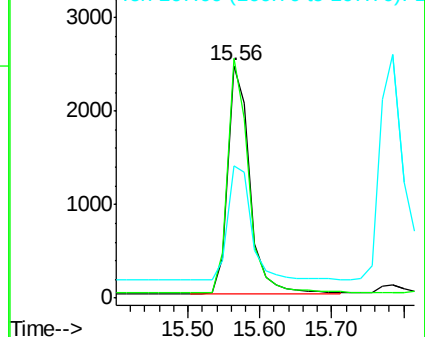
167 54.9 42.4 63.6

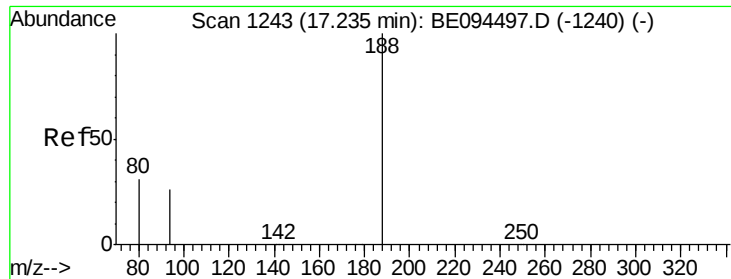


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

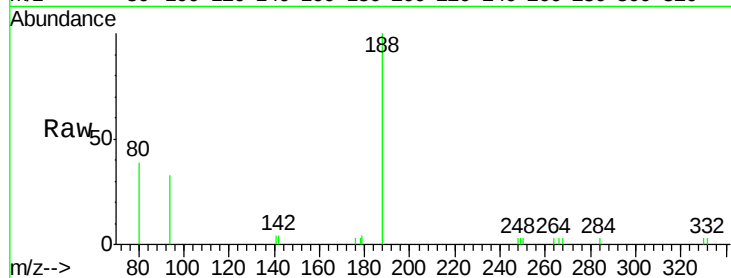
Tot Ion:188 Resp: 6941

Ion Ratio Lower Upper

188 100

94 33.1 3.9 5.9#

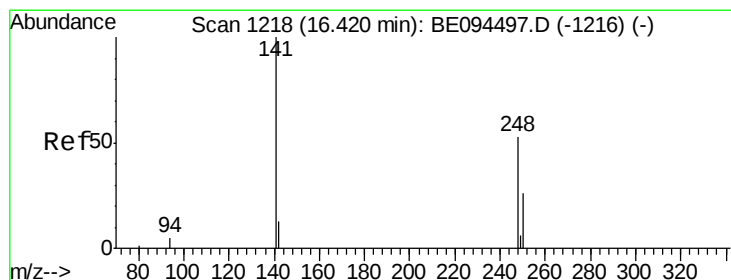
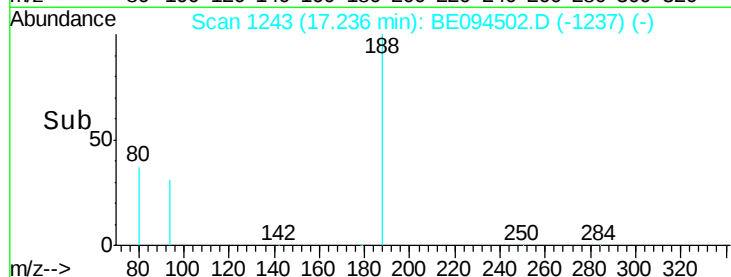
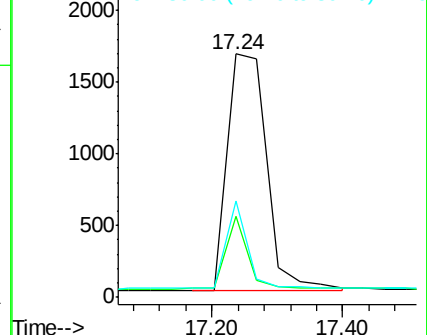
80 39.4 3.6 5.4#



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: 0.33 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.03 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

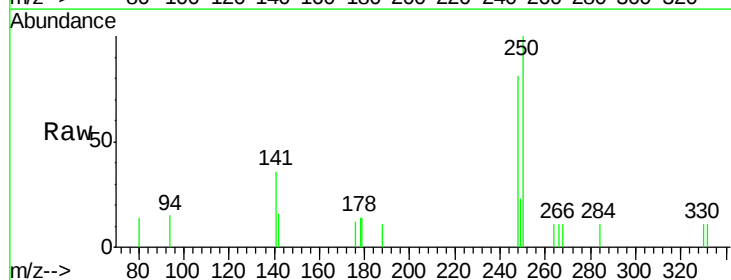
Tgt Ion:248 Resp: 1254

Ion Ratio Lower Upper

248 100

250 123.0 62.7 94.1#

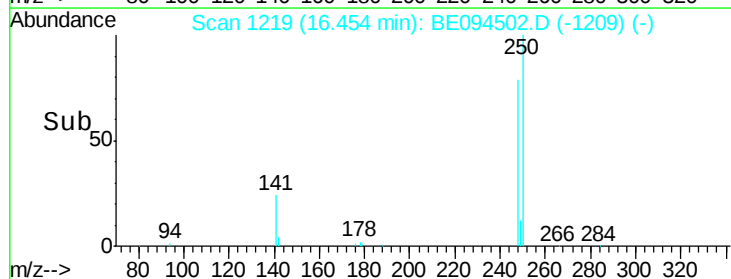
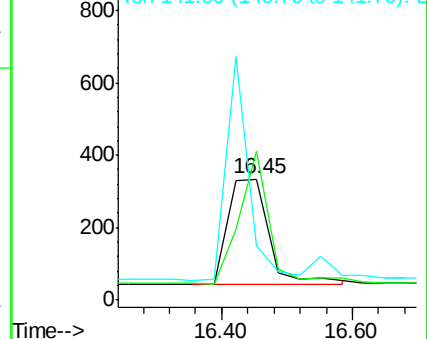
141 44.8 48.2 72.2#

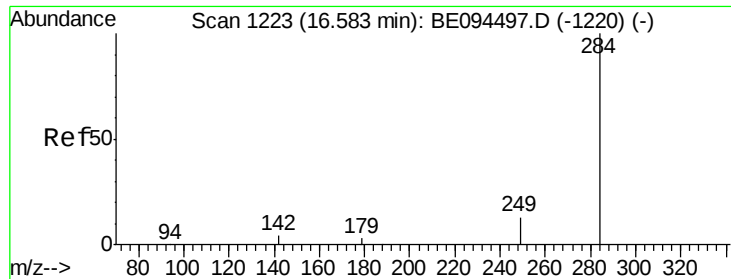


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

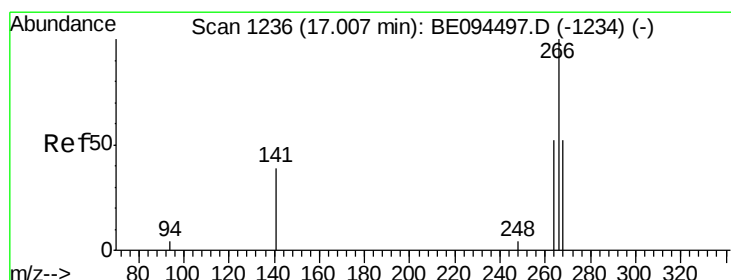
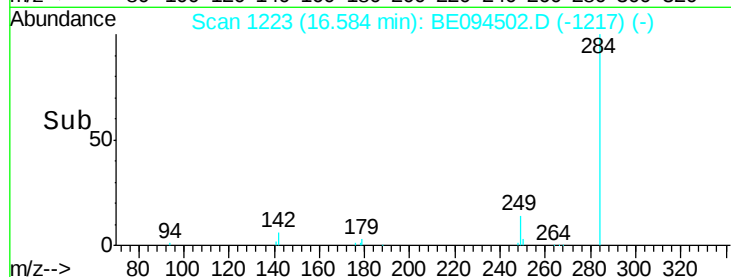
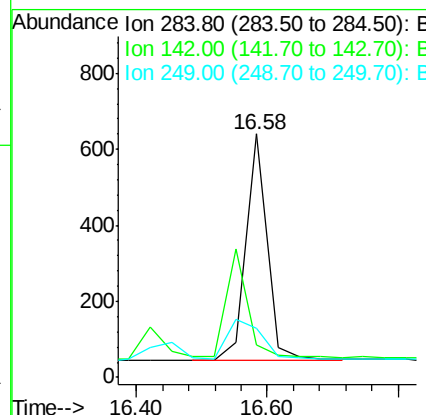
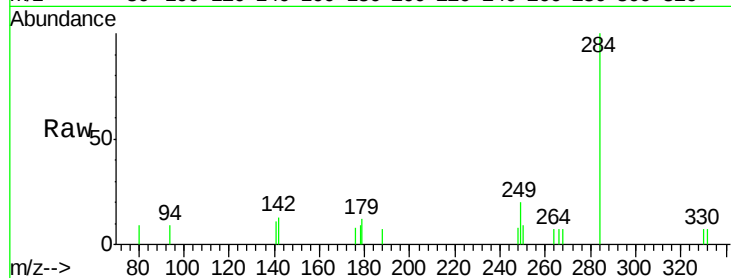




#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

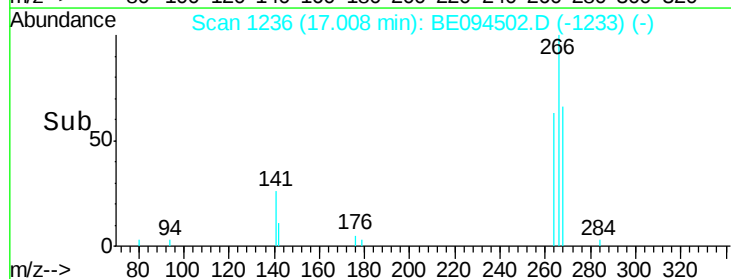
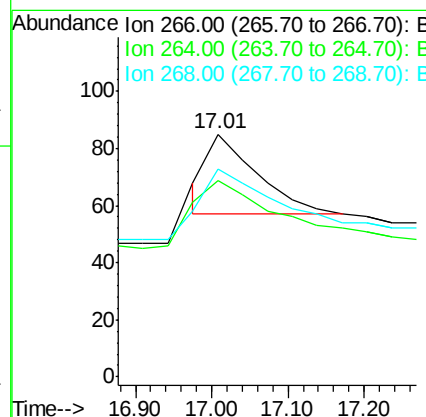
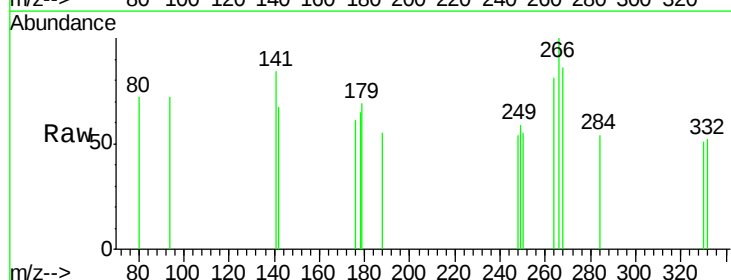
Instrument :
BNA_E
ClientSampleId :
PB103539BS

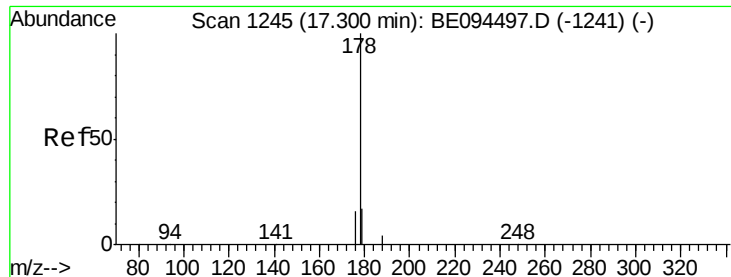
Tot Ion:284 Resp: 1353
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.30 ng
RT: 17.01 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

Tgt Ion:266 Resp: 127
Ion Ratio Lower Upper
266 100
264 81.2 72.5 108.7
268 85.9 73.8 110.6





#23

Phenanthrene

Concen: 0.52 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

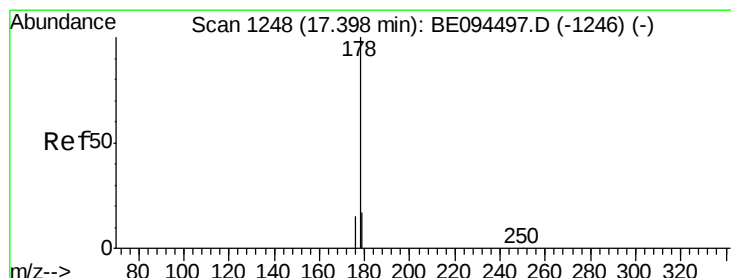
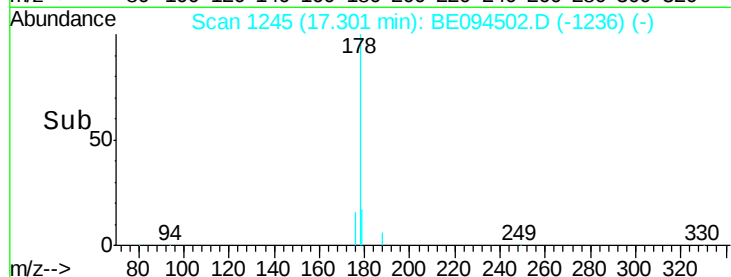
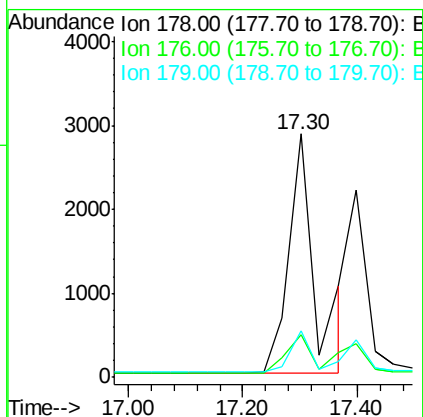
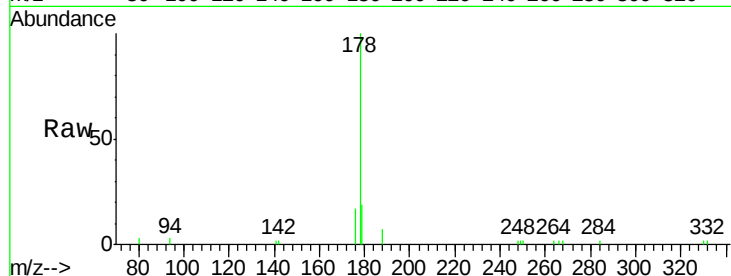
Tot Ion:178 Resp: 9284

Ion Ratio Lower Upper

178 100

176 14.2 15.1 22.7#

179 15.4 11.8 17.6



#24

Anthracene

Concen: 0.45 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

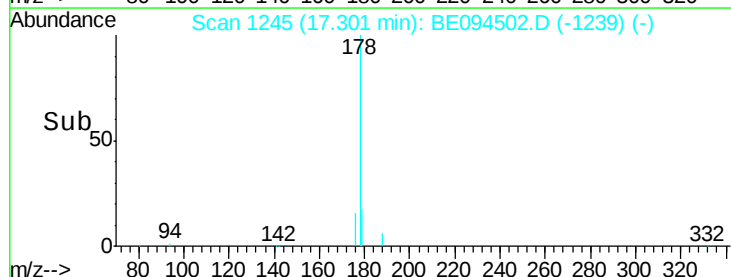
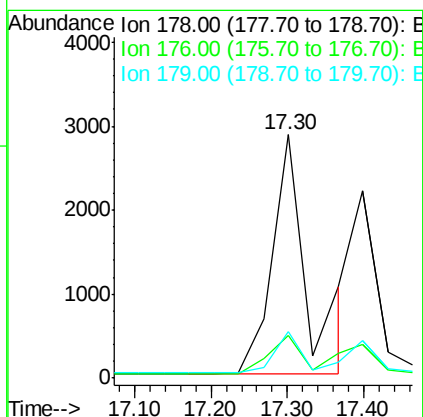
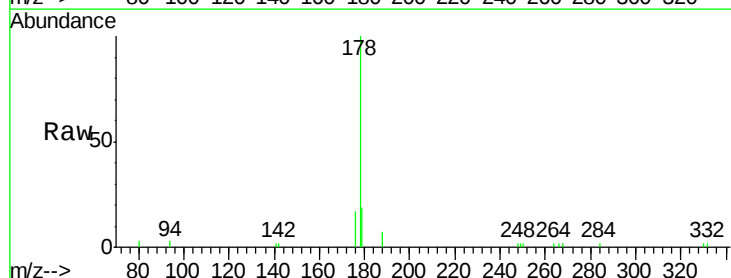
Tgt Ion:178 Resp: 9269

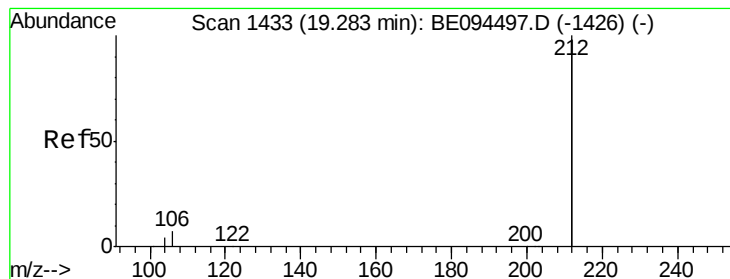
Ion Ratio Lower Upper

178 100

176 14.2 12.8 19.2

179 15.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.47 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

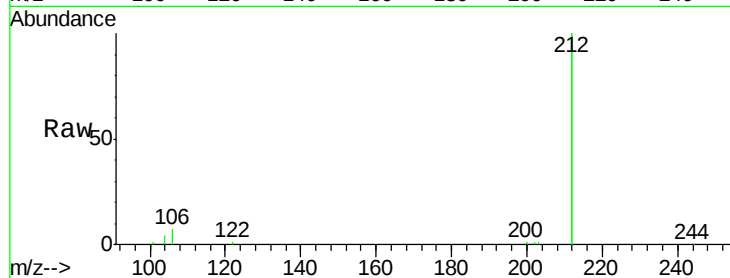
Tot Ion:212 Resp: 38982

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

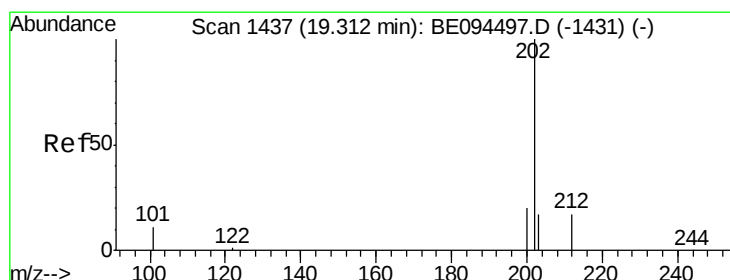
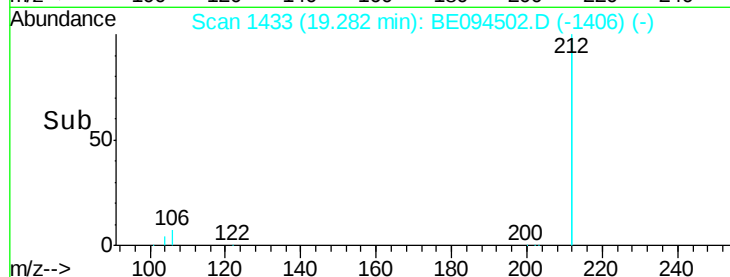
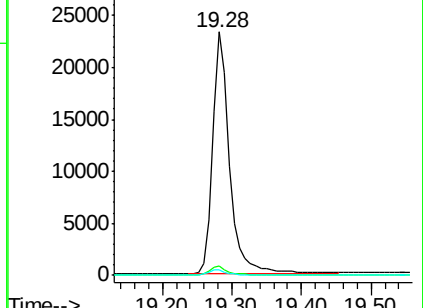
104 2.0 1.6 2.4



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: 0.40 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

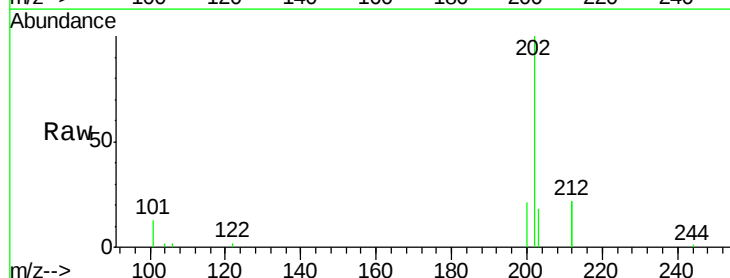
Tgt Ion:202 Resp: 10342

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.8

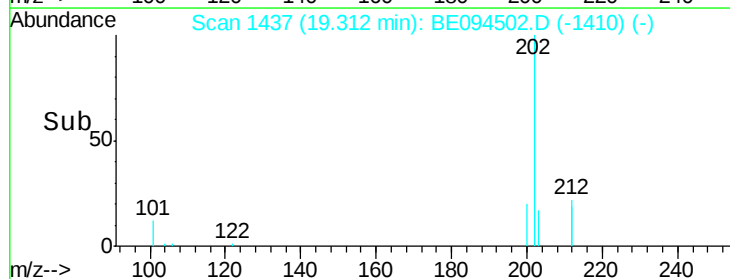
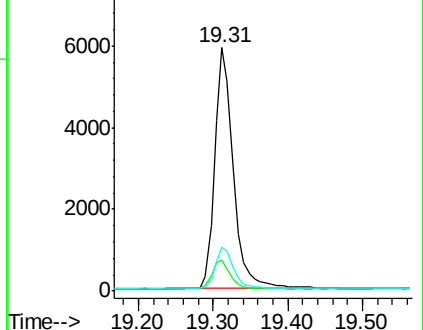
203 17.2 13.7 20.5

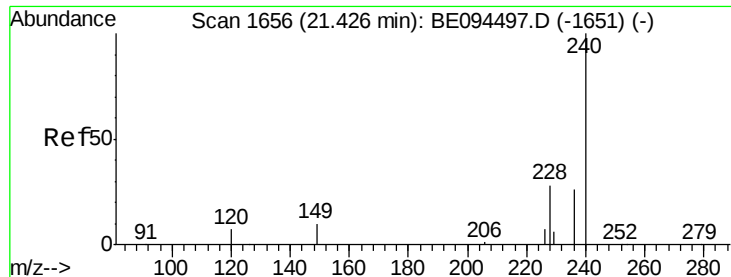


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

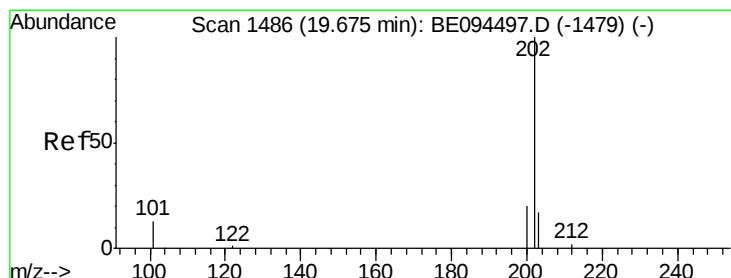
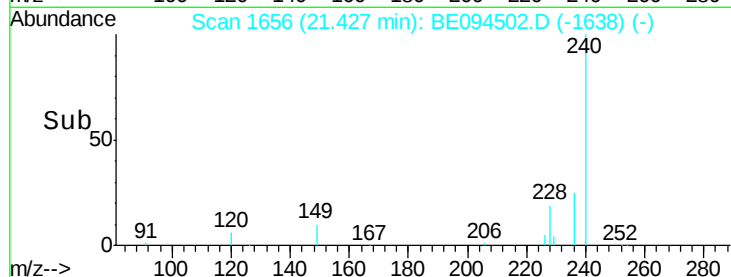
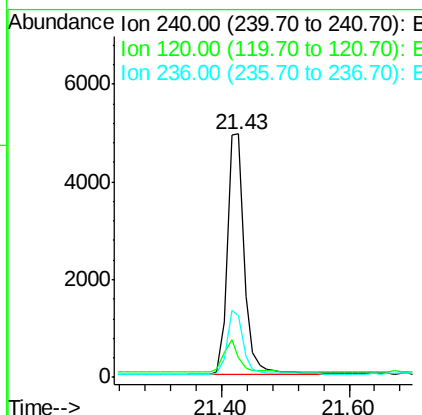
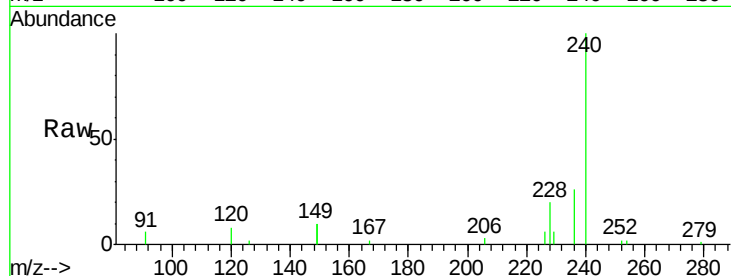




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

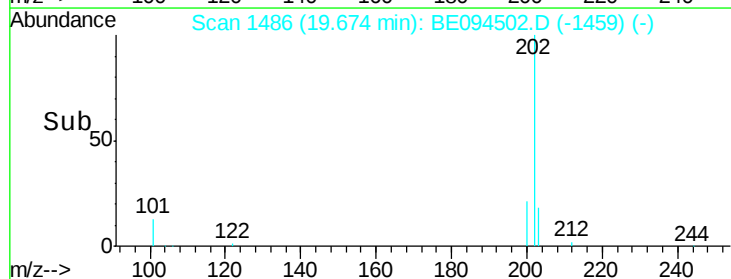
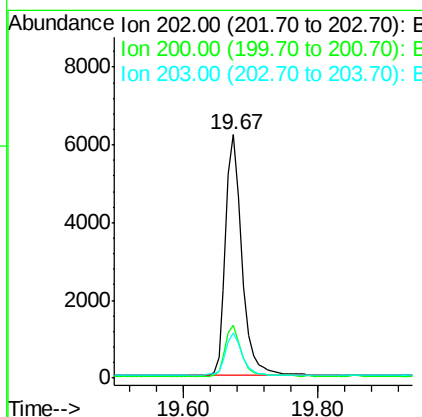
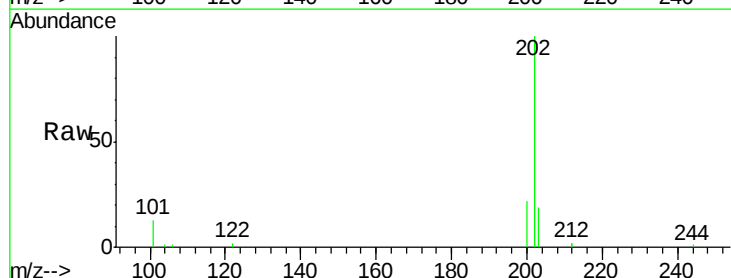
Instrument :
BNA_E
ClientSampleId :
PB103539BS

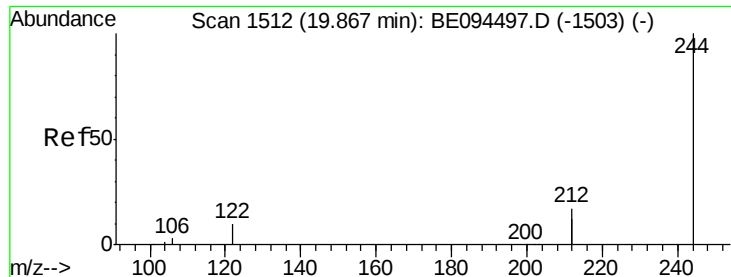
Tot Ion:240 Resp: 9069
Ion Ratio Lower Upper
240 100
120 8.2 5.5 8.3
236 25.6 20.7 31.1



#28
Pyrene
Concen: 0.33 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

Tgt Ion:202 Resp: 10573
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 18.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.37 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

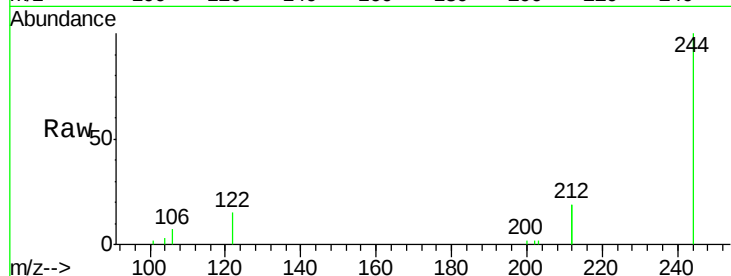
Tot Ion:244 Resp: 6367

Ion Ratio Lower Upper

244 100

212 38.8 25.4 38.0#

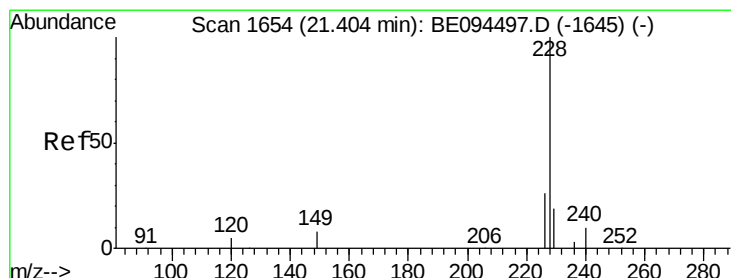
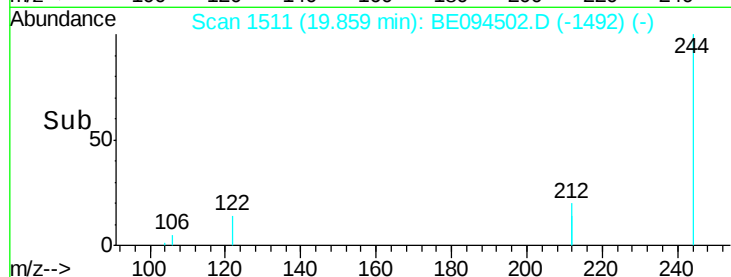
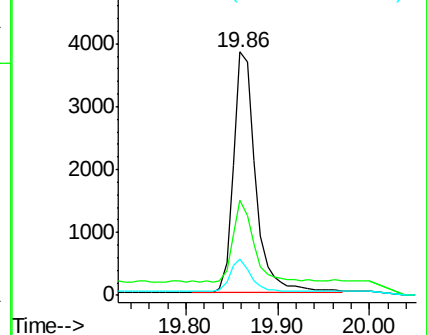
122 14.9 8.1 12.1#



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: 0.35 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

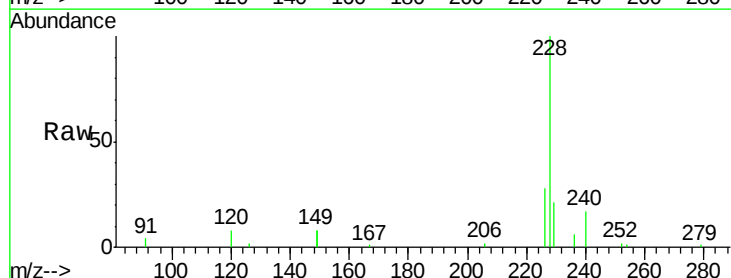
Tgt Ion:228 Resp: 10425

Ion Ratio Lower Upper

228 100

226 27.6 40.0 60.0#

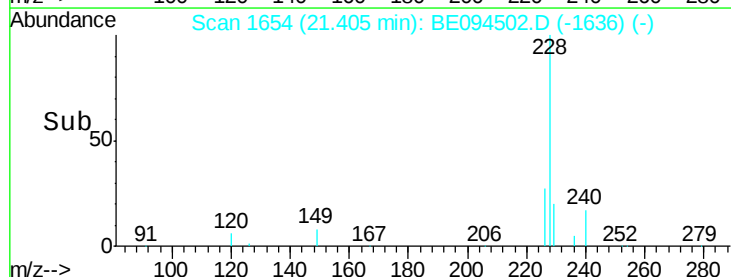
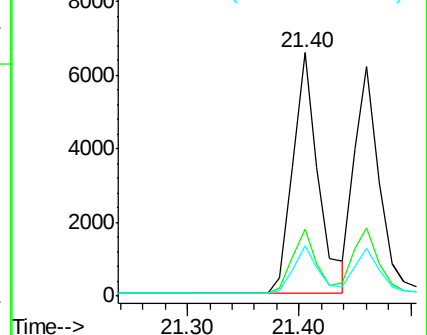
229 20.6 40.0 60.0#

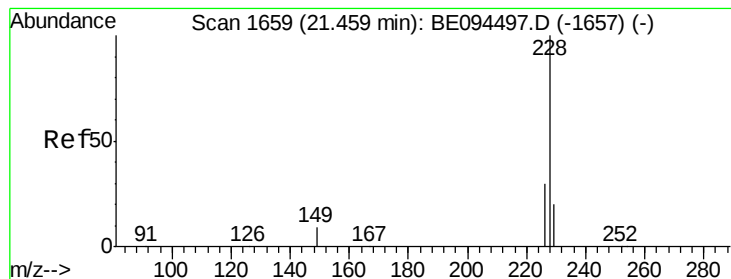


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.33 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

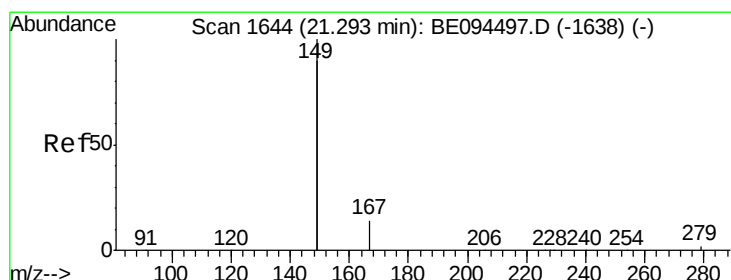
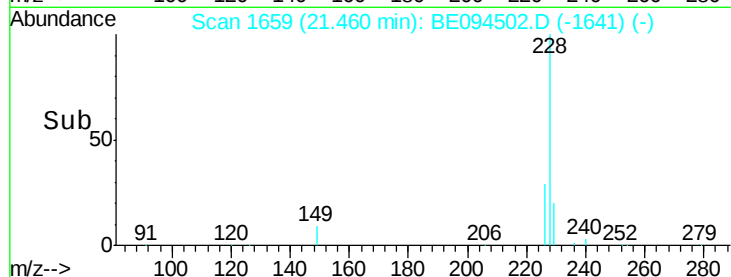
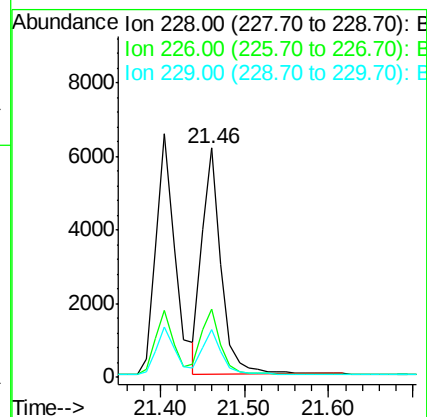
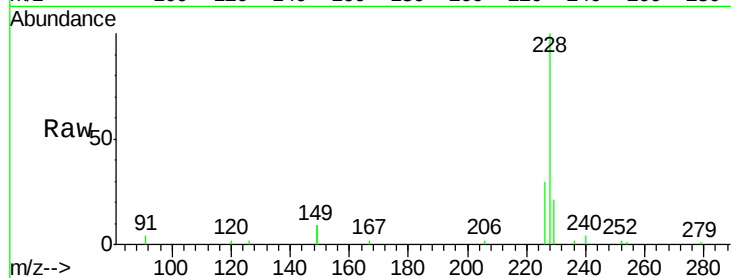
Tot Ion:228 Resp: 9819

Ion Ratio Lower Upper

228 100

226 29.7 40.0 60.0#

229 20.8 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

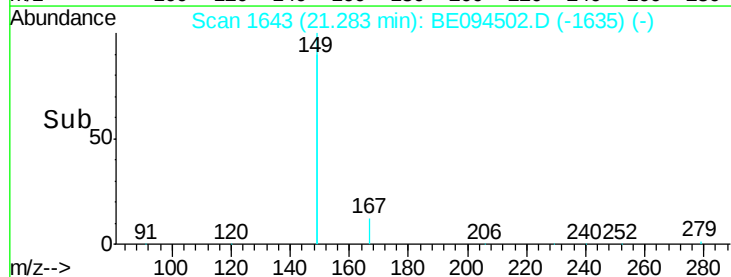
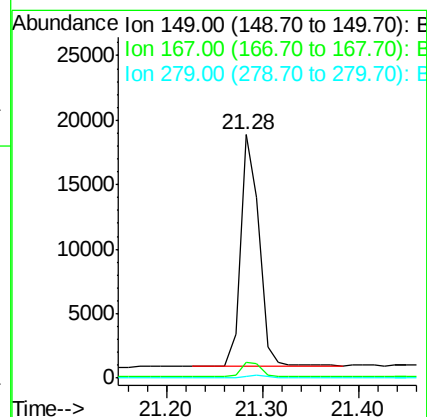
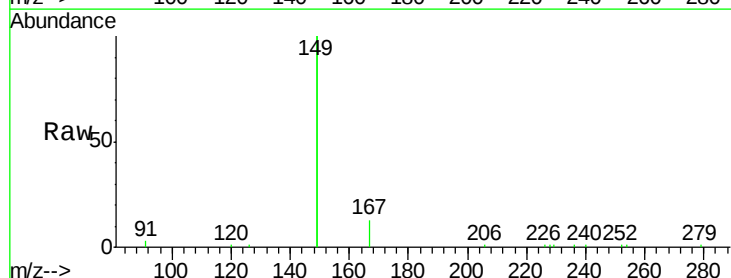
Tgt Ion:149 Resp: 24198

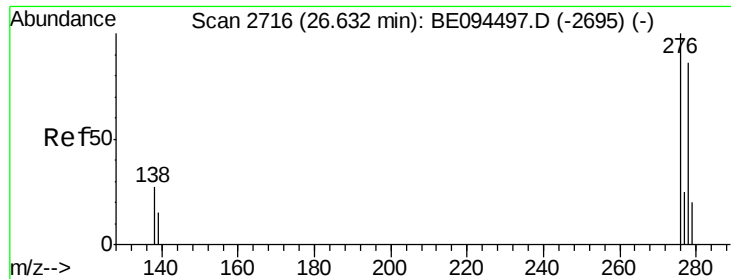
Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.9 0.7 1.1

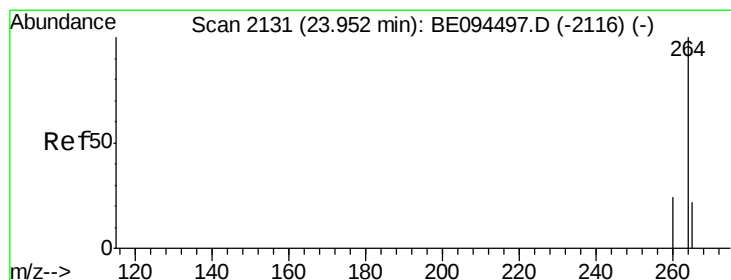
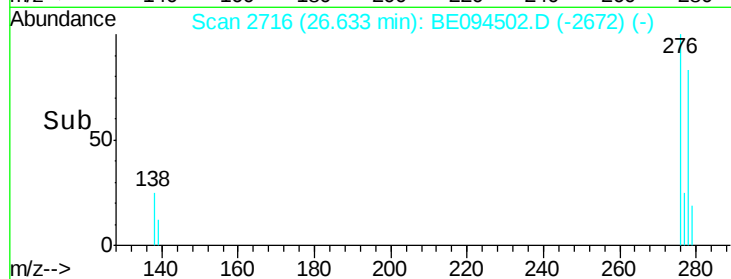
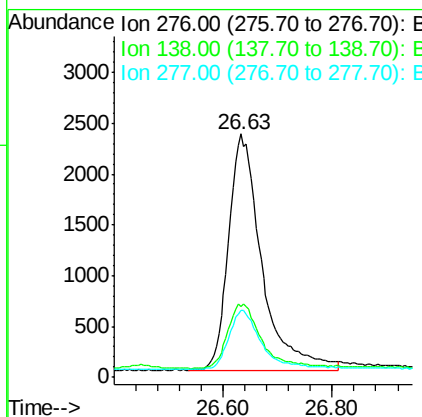
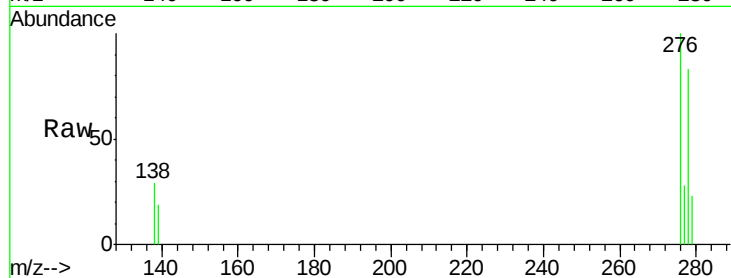




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

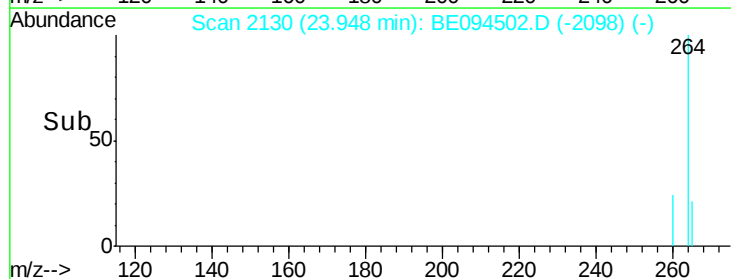
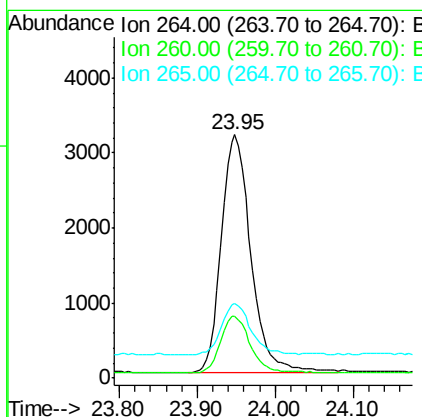
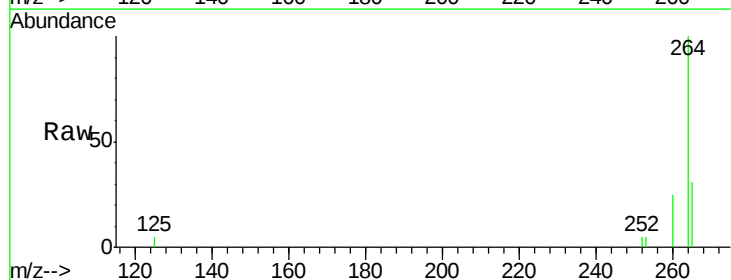
Instrument :
BNA_E
ClientSampleId :
PB103539BS

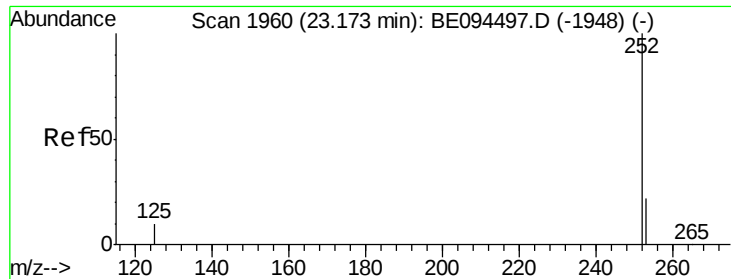
Tot Ion:276 Resp: 9846
Ion Ratio Lower Upper
276 100
138 27.9 22.5 33.7
277 24.1 19.9 29.9



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE094502.D
Acq: 23 Oct 2017 19:09

Tgt Ion:264 Resp: 8370
Ion Ratio Lower Upper
264 100
260 25.4 20.5 30.7
265 30.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

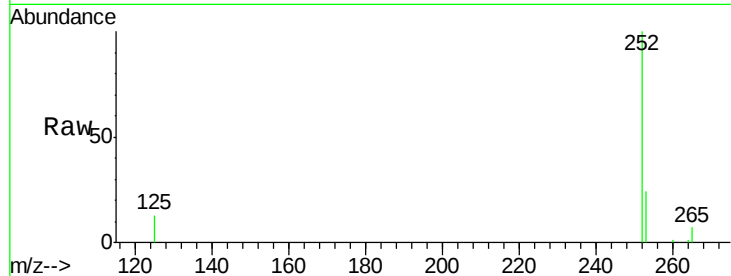
Tot Ion:252 Resp: 9477

Ion Ratio Lower Upper

252 100

253 24.5 48.0 72.0#

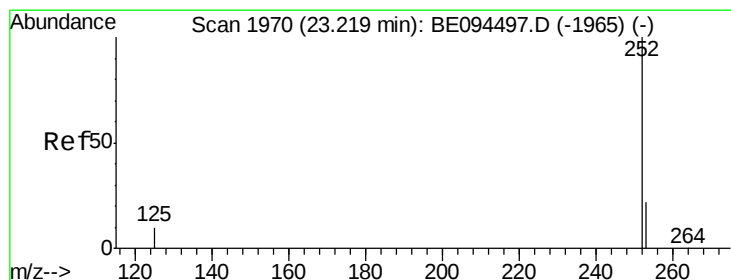
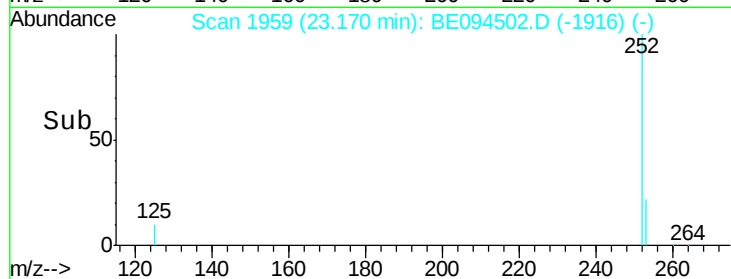
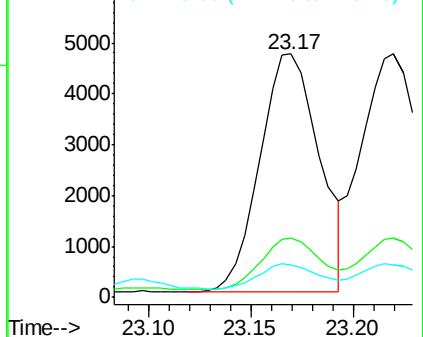
125 13.3 56.0 84.0#



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: 0.36 ng

RT: 23.22 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

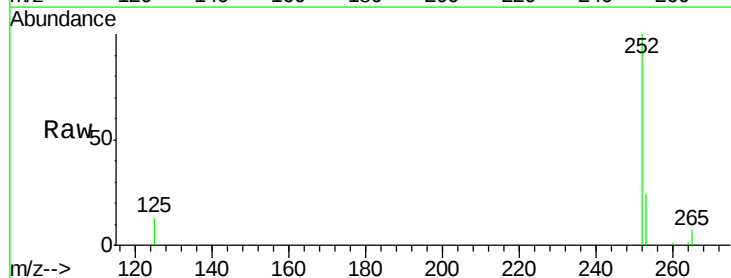
Tgt Ion:252 Resp: 10297

Ion Ratio Lower Upper

252 100

253 24.3 48.0 72.0#

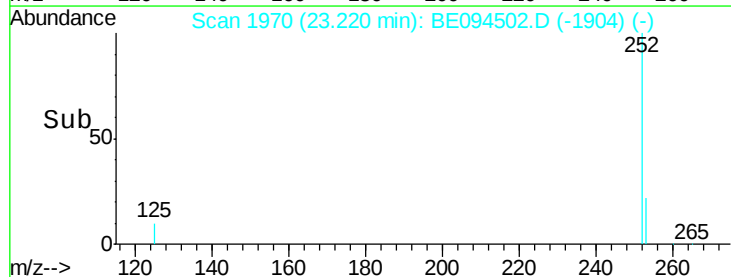
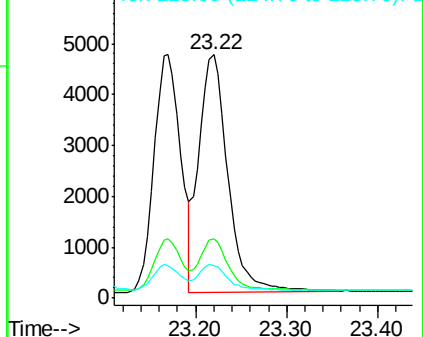
125 13.4 56.0 84.0#

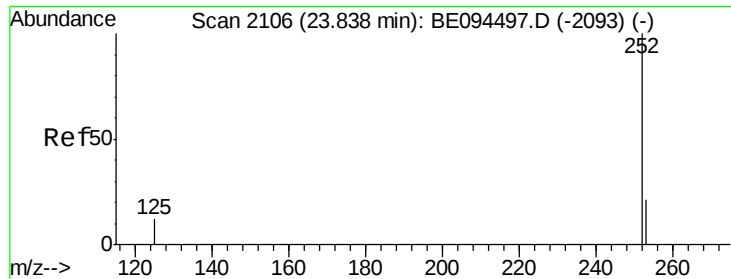


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.35 ng

RT: 23.83 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

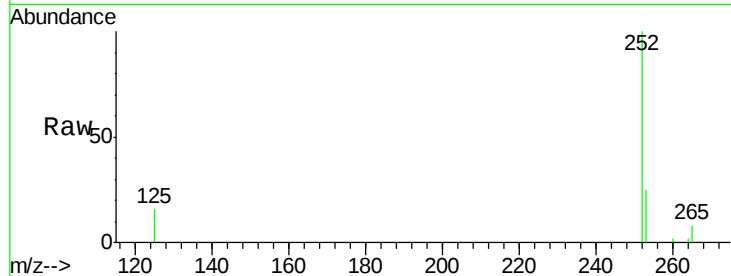
Tot Ion:252 Resp: 9288

Ion Ratio Lower Upper

252 100

253 25.2 52.0 78.0#

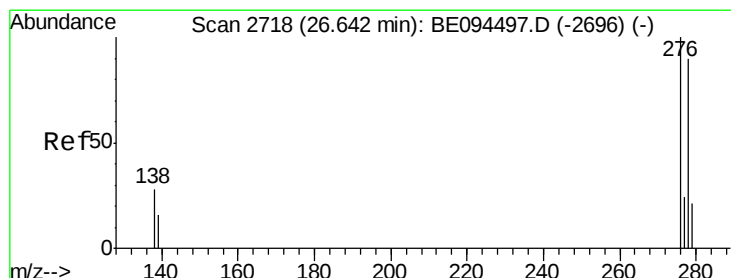
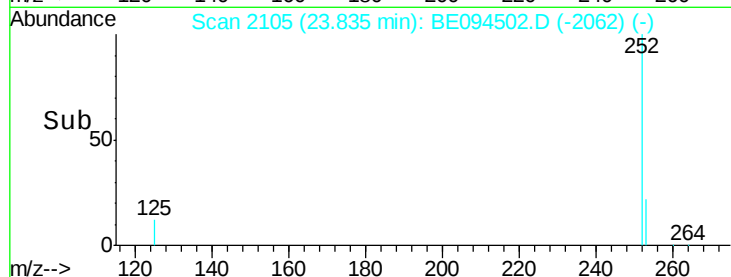
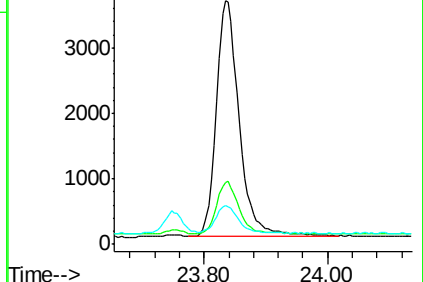
125 16.0 68.0 102.0#



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: 0.35 ng

RT: 26.64 min Scan# 2718

Delta R.T. 0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

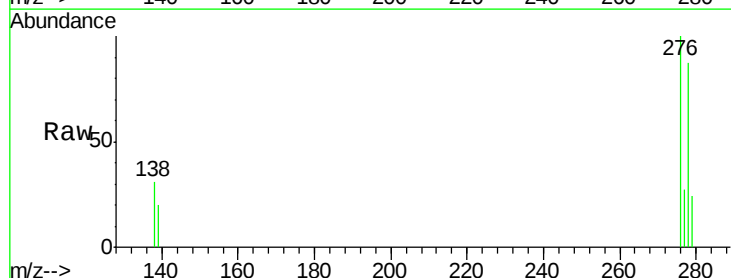
Tgt Ion:278 Resp: 8355

Ion Ratio Lower Upper

278 100

139 22.8 56.0 84.0#

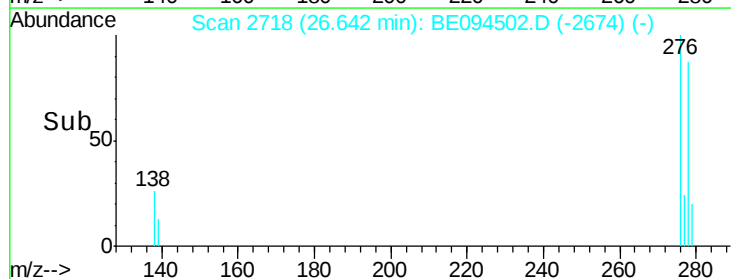
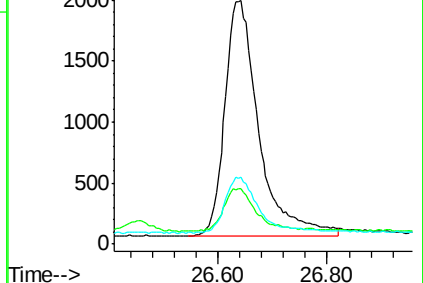
279 27.3 52.0 78.0#

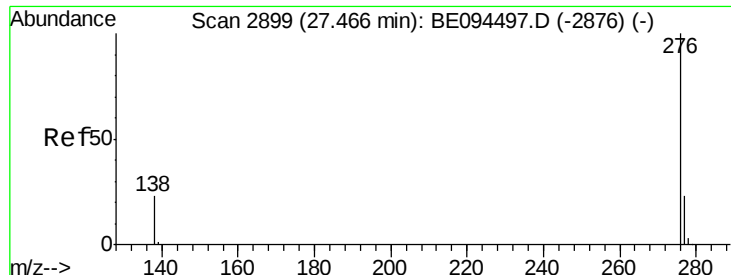


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.36 ng

RT: 27.46 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BE094502.D

Acq: 23 Oct 2017 19:09

Instrument :

BNA_E

ClientSampleId :

PB103539BS

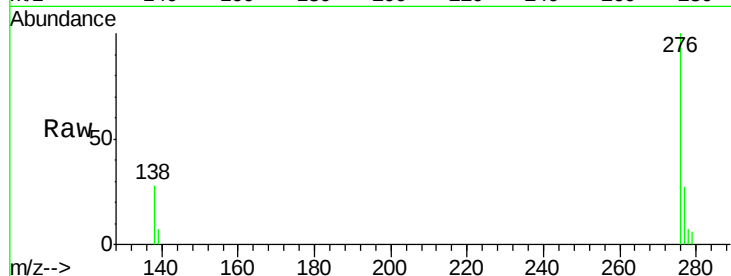
Tot Ion:276 Resp: 7863

Ion Ratio Lower Upper

276 100

277 27.5 52.0 78.0#

138 28.2 44.0 66.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

