

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094186.D
 Acq On : 6 Oct 2017 19:23
 Operator : SJ/JU
 Sample : I5571-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-C

Quant Time: Oct 07 01:13:22 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1574	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7651	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4621	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12613	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10915	0.40	ng	0.00
34) Perylene-d12	23.90	264	10032	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	32866	6.27	ng	0.00
5) Phenol-d6	7.07	99	38004	5.00	ng	-0.01
8) Nitrobenzene-d5	9.05	82	163907	25.73	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	1	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	20239	10.07	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	323177	20.42	ng	0.00
25) Fluoranthene-d10	19.27	212	62	0.00	ng	0.00
29) Terphenyl-d14	19.84	244	347618	16.86	ng	0.00

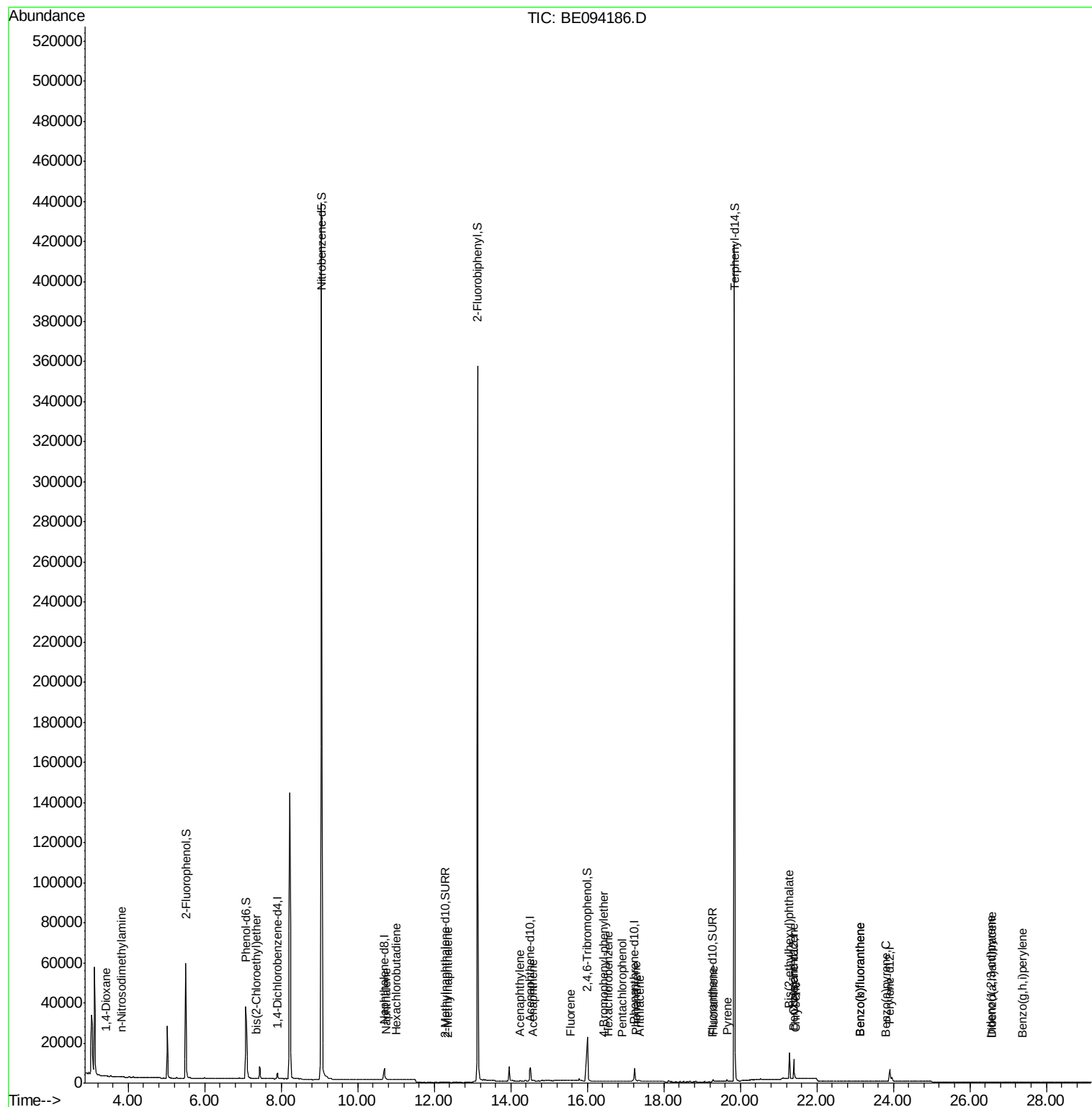
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	125	0.044	ng	# 16
3) n-Nitrosodimethylamine	3.81	42	42	0.014	ng	# 2
6) bis(2-Chloroethyl)ether	7.34	93	27	0.004	ng	# 1
9) Naphthalene	10.74	128	586	0.007	ng	# 72
10) Hexachlorobutadiene	10.99	225	7	0.002	ng	# 83
12) 2-Methylnaphthalene	12.35	142	63	0.004	ng	# 71
16) Acenaphthylene	14.23	152	52	0.002	ng	# 56
17) Acenaphthene	14.57	154	87	0.006	ng	# 62
18) Fluorene	15.56	166	152	0.008	ng	# 50
20) 4-Bromophenyl-phenylether	16.42	248	31	0.004	ng	# 31
21) Hexachlorobenzene	16.55	284	23	0.004	ng	# 79
22) Pentachlorophenol	16.91	266	10	0.006	ng	# 94
23) Phenanthrene	17.27	178	786	0.018	ng	# 88
24) Anthracene	17.37	178	301	0.009	ng	# 76
26) Fluoranthene	19.29	202	985	0.026	ng	# 95
28) Pyrene	19.65	202	1143	0.030	ng	# 94
30) Benzo(a)anthracene	21.38	228	345	0.010	ng	# 52
31) Chrysene	21.44	228	514	0.015	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.28	149	17905	0.217	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	211	0.006	ng	# 84
35) Benzo(b)fluoranthene	23.14	252	622	0.018	ng	# 15
36) Benzo(k)fluoranthene	23.14	252	622	0.018	ng	# 17
37) Benzo(a)pyrene	23.79	252	217	0.007	ng	# 1
38) Dibenzo(a,h)anthracene	26.57	278	104	0.004	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	217	0.007	ng	# 16

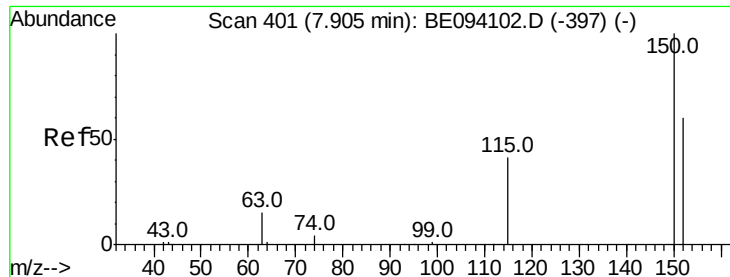
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094186.D
Acq On : 6 Oct 2017 19:23
Operator : SJ/JU
Sample : I5571-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Quant Time: Oct 07 01:13:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 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: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

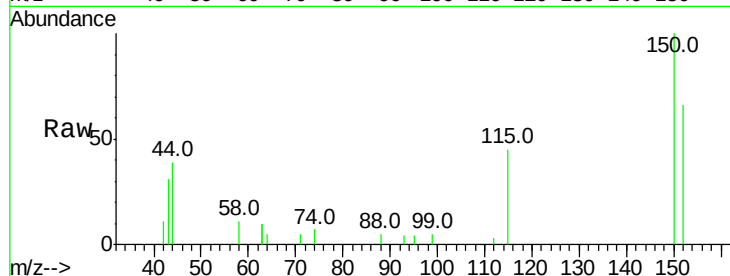
Tot Ion:152 Resp: 1574

Ion Ratio Lower Upper

152 100

150 150.6 117.2 175.8

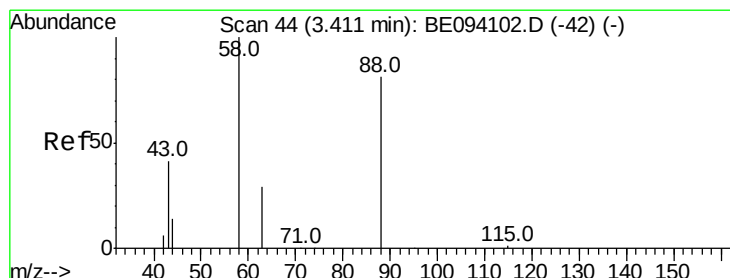
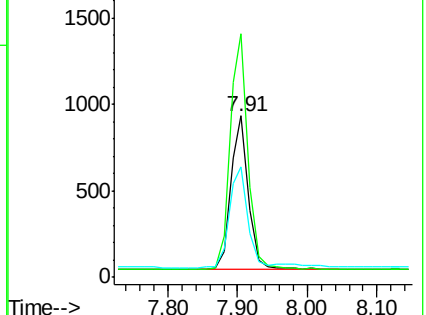
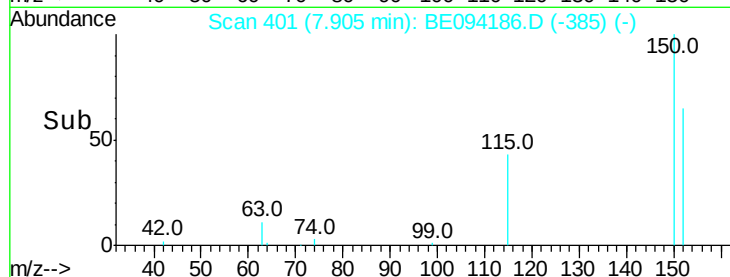
115 68.2 57.0 85.6



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: 0.044 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

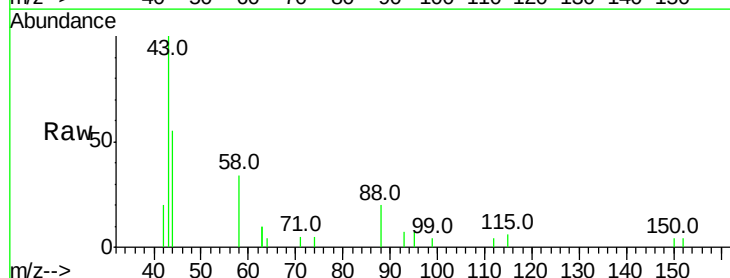
Tgt Ion: 88 Resp: 125

Ion Ratio Lower Upper

88 100

58 0.0 63.2 94.8#

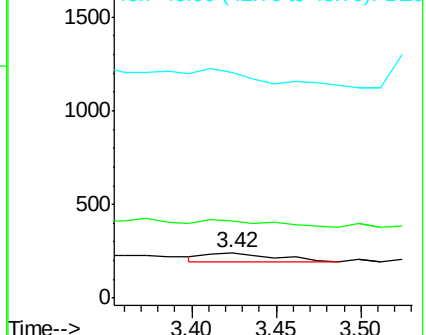
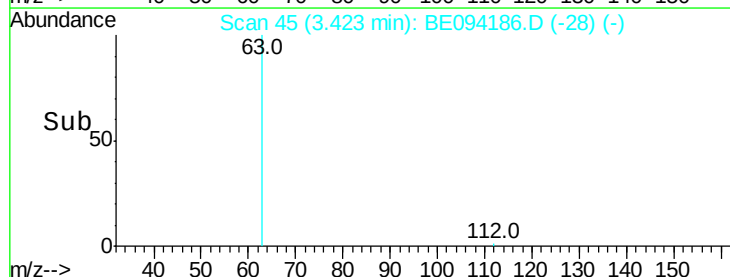
43 0.0 41.2 61.8#

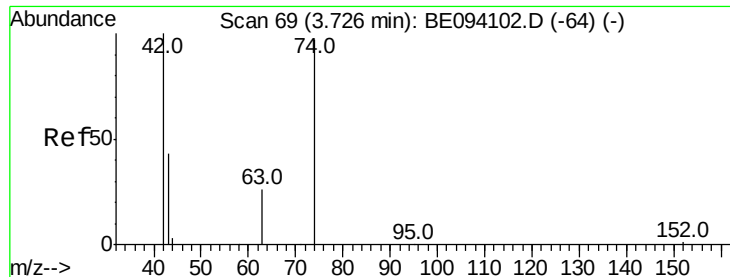


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.014 ng

RT: 3.81 min Scan# 76

Delta R.T. 0.09 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

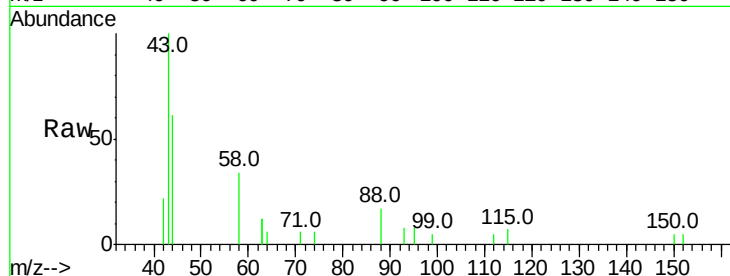
Tot Ion: 42 Resp: 42

Ion Ratio Lower Upper

42 100

74 9.5 100.3 150.5#

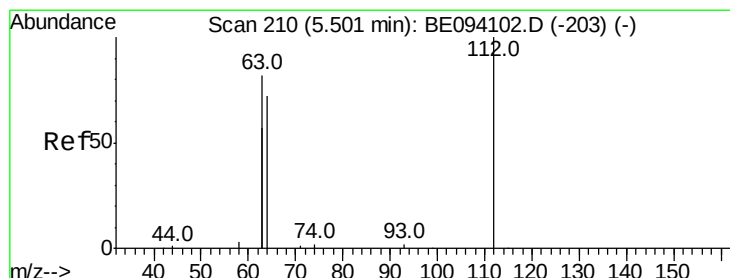
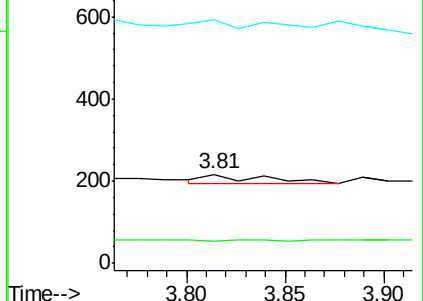
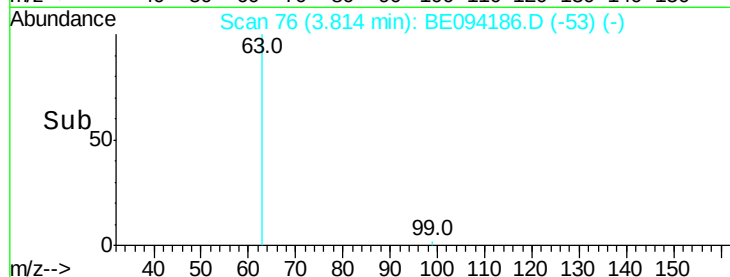
44 57.1 17.0 25.4#



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: 6.266 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

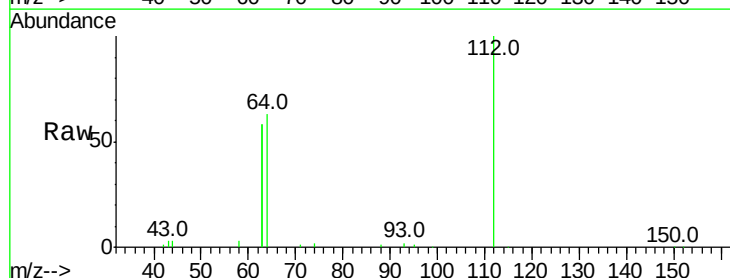
Tgt Ion: 112 Resp: 32866

Ion Ratio Lower Upper

112 100

64 75.5 60.1 90.1

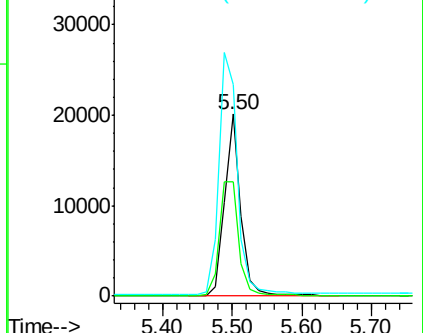
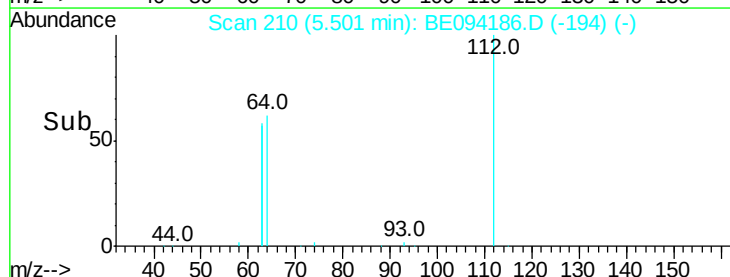
63 150.3 116.8 175.2

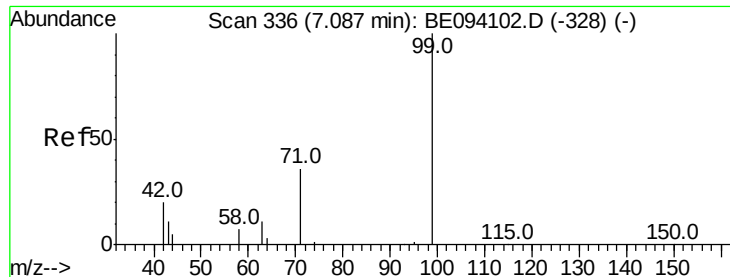


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.998 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

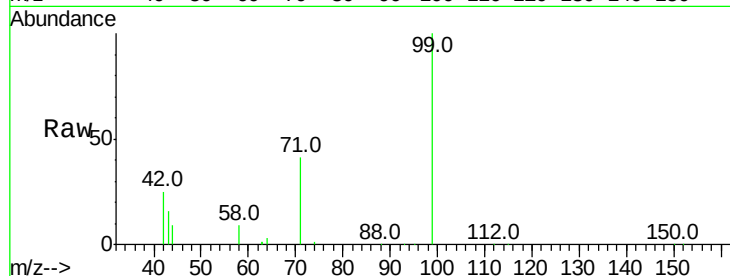
Tot Ion: 99 Resp: 38004

Ion Ratio Lower Upper

99 100

42 21.1 20.2 30.2

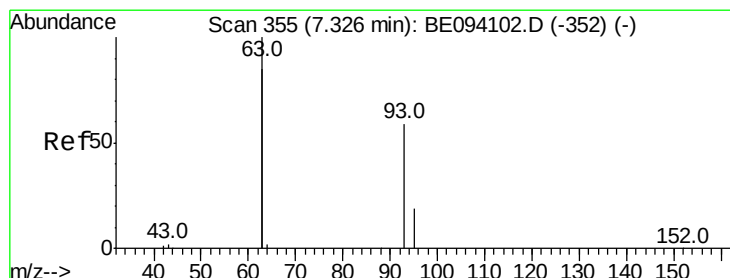
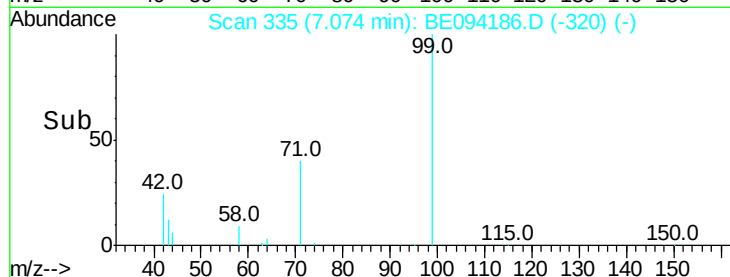
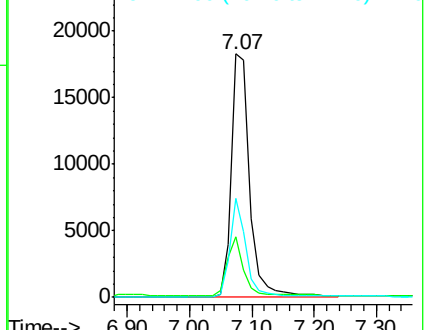
71 34.8 28.4 42.6



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: 0.004 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

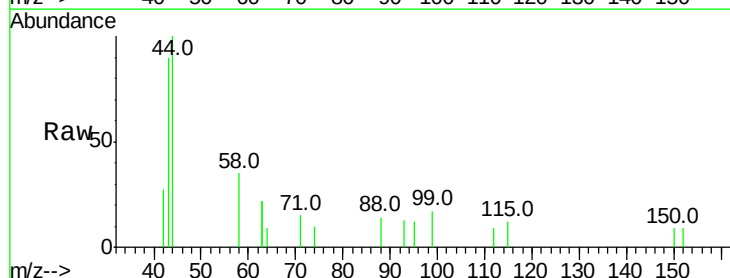
Tgt Ion: 93 Resp: 27

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

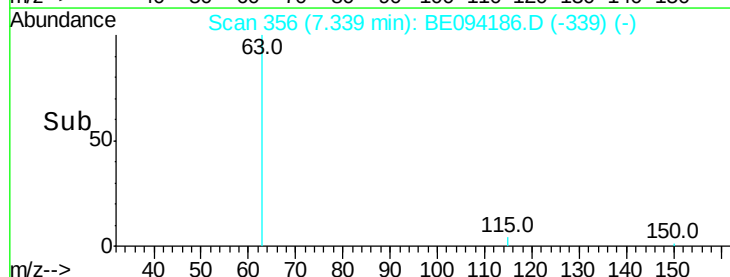
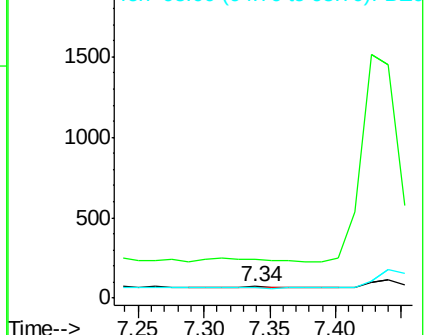
95 0.0 25.2 37.8#

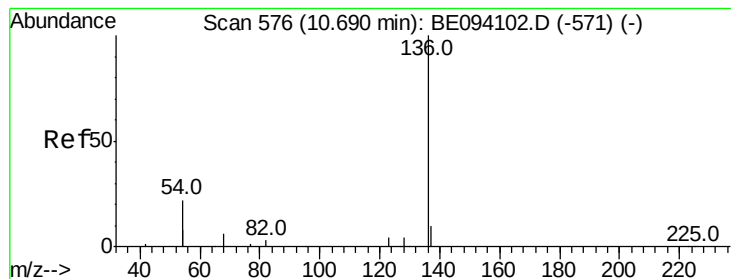


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

Tot Ion:136 Resp: 7651

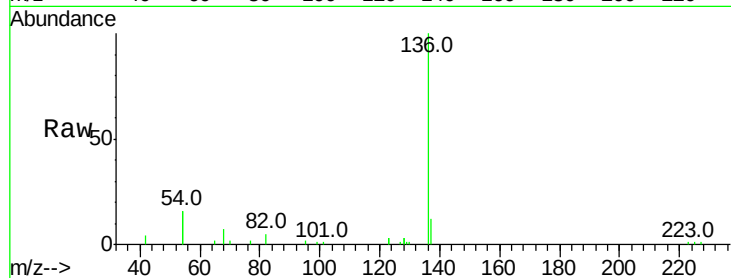
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 32.8 29.1 43.7

68 6.8 6.2 9.2

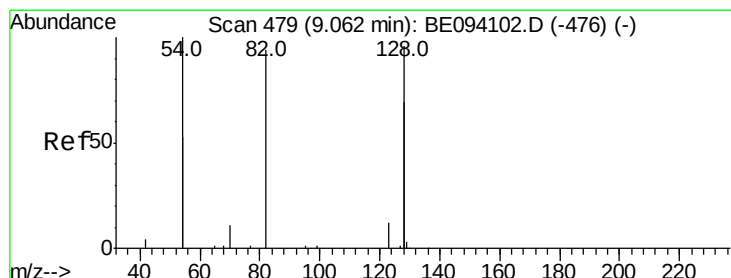
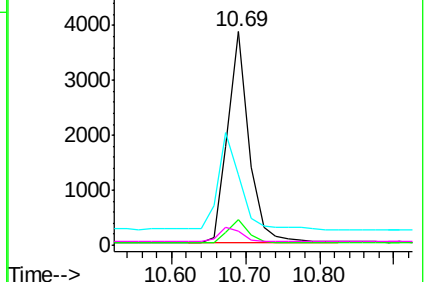
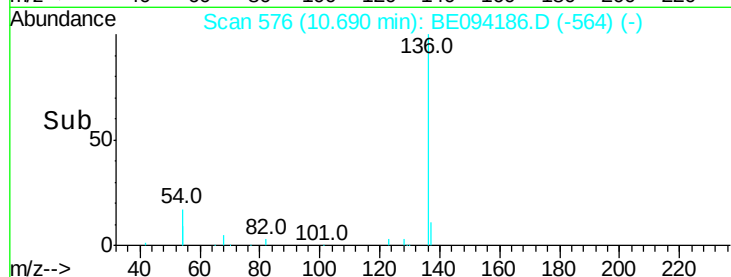


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.731 ng

RT: 9.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

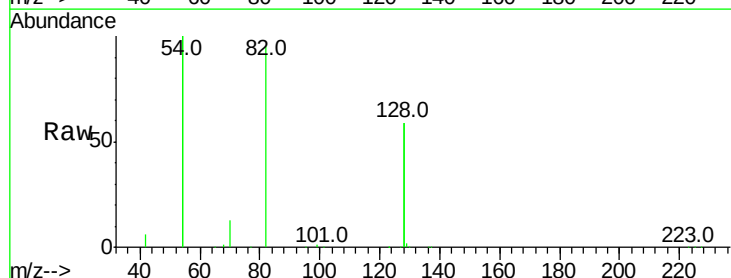
Tgt Ion: 82 Resp: 163907

Ion Ratio Lower Upper

82 100

128 124.8 150.0 225.0#

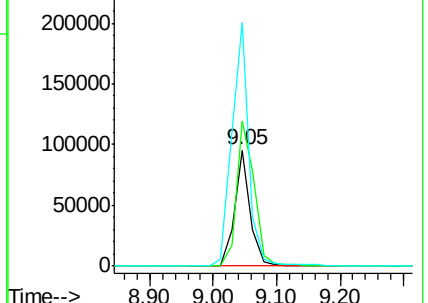
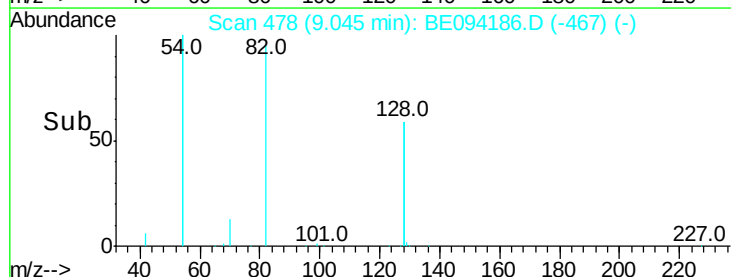
54 209.8 154.2 231.4

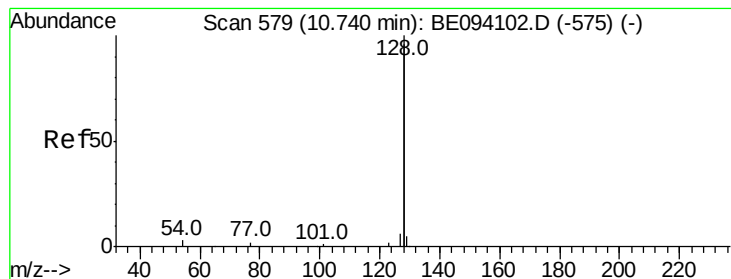


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.007 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

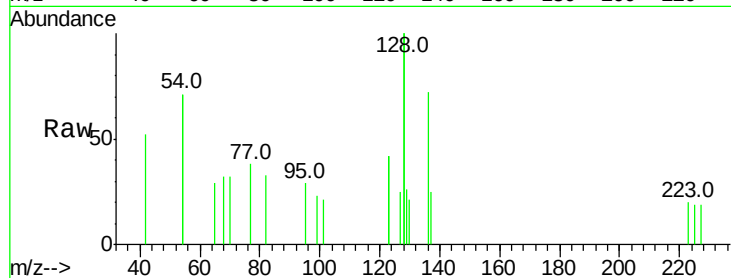
Tot Ion:128 Resp: 586

Ion Ratio Lower Upper

128 100

129 13.0 2.6 3.8#

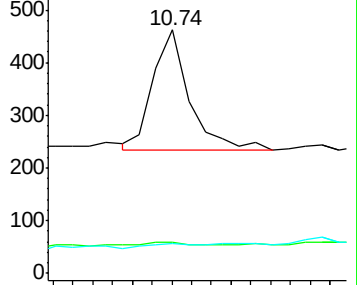
127 12.3 2.8 4.2#



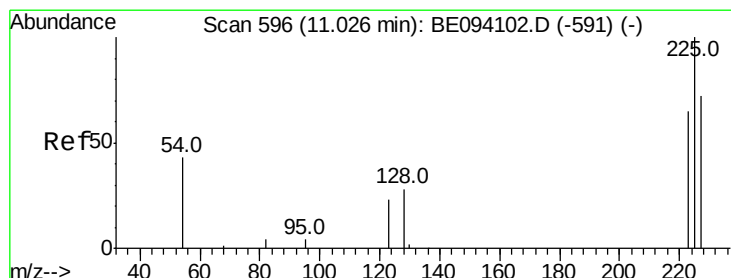
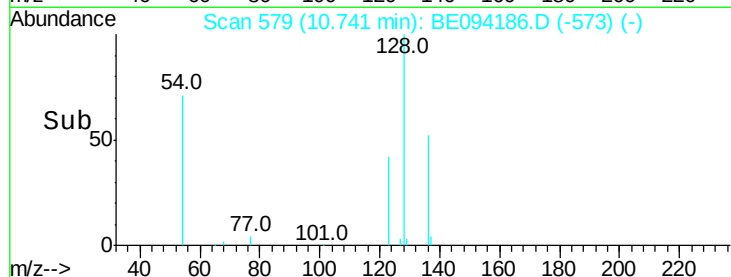
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 10.99 min Scan# 594

Delta R.T. -0.03 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

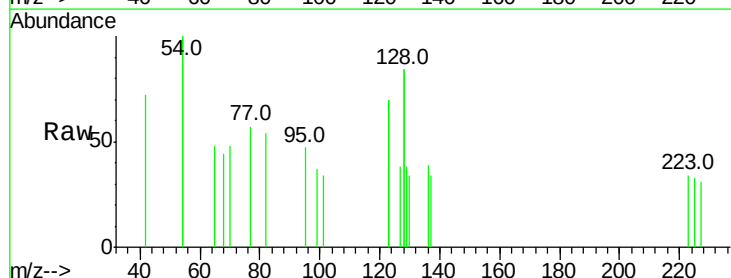
Tgt Ion:225 Resp: 7

Ion Ratio Lower Upper

225 100

223 71.4 53.0 79.6

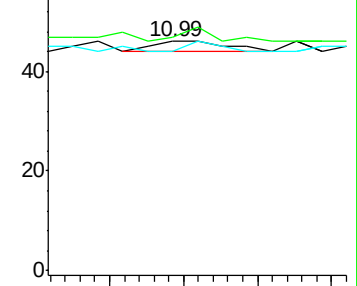
227 42.9 51.4 77.2#



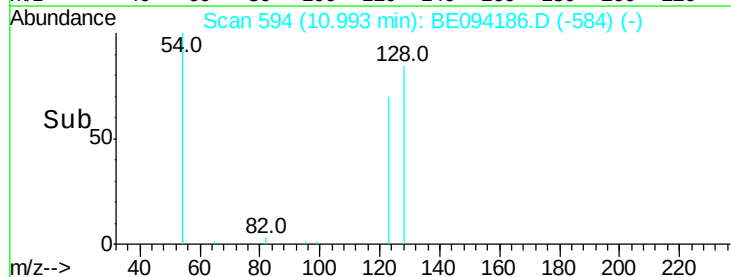
Abundance Ion 225.00 (224.70 to 225.70): E

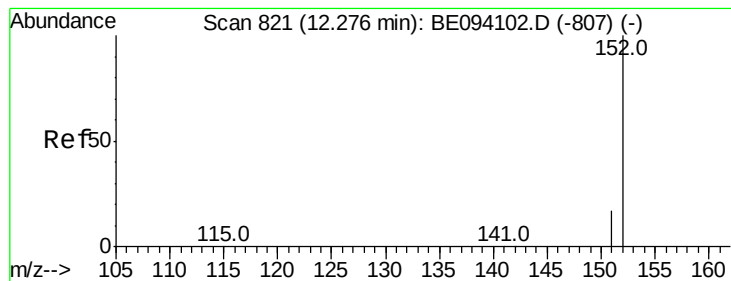
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.28 min Scan# 823

Delta R.T. 0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

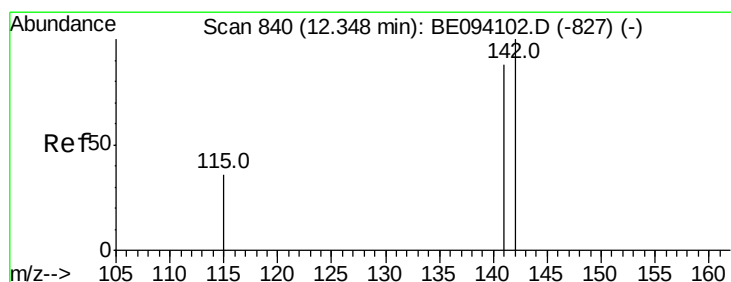
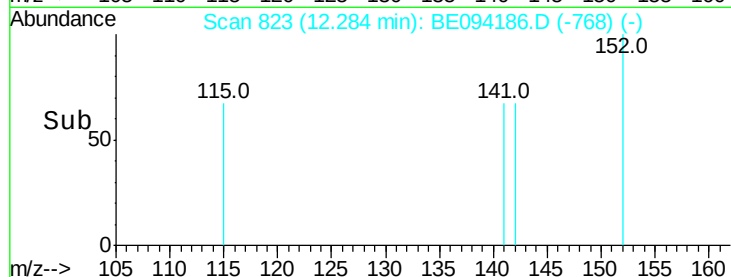
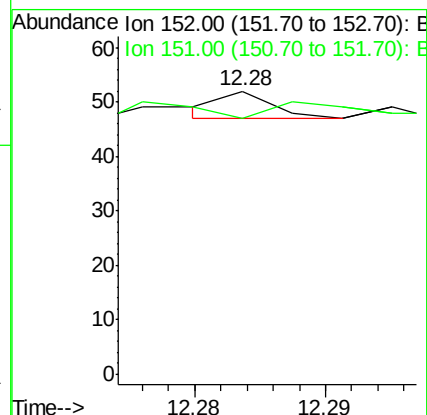
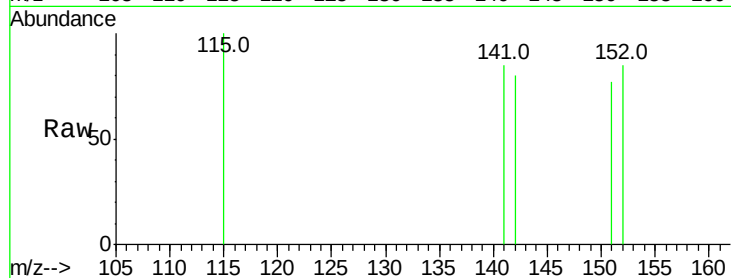
PAMT-COMP-C

Tot Ion:152 Resp: 1

Ion Ratio Lower Upper

152 100

151 100.0 15.4 23.0#



#12

2-Methylnaphthalene

Concen: 0.004 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

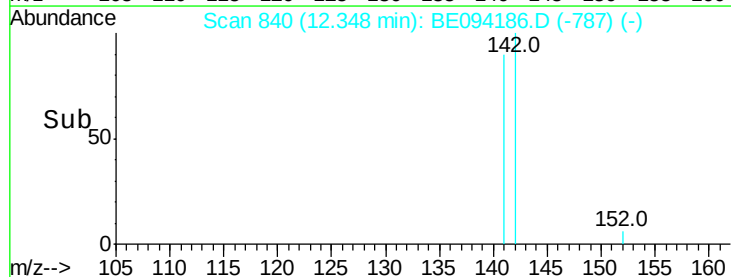
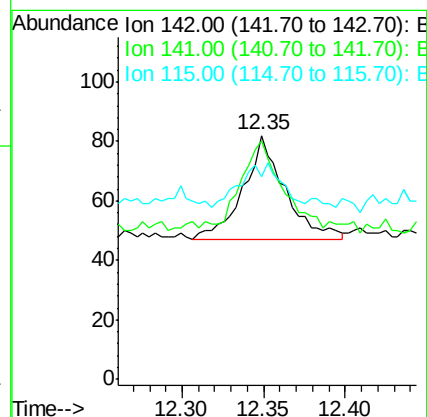
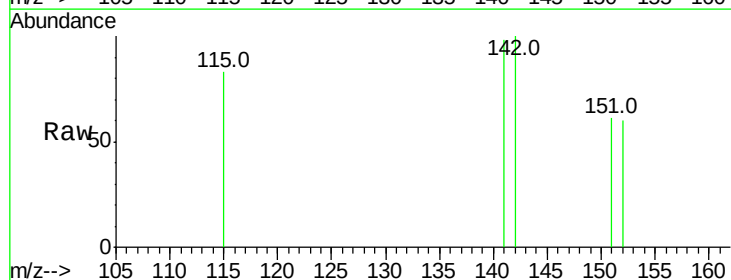
Tgt Ion:142 Resp: 63

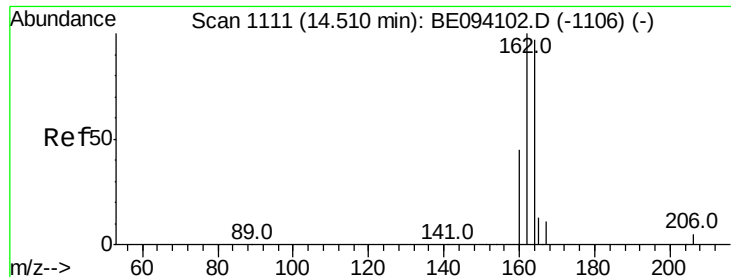
Ion Ratio Lower Upper

142 100

141 97.6 70.4 105.6

115 82.9 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

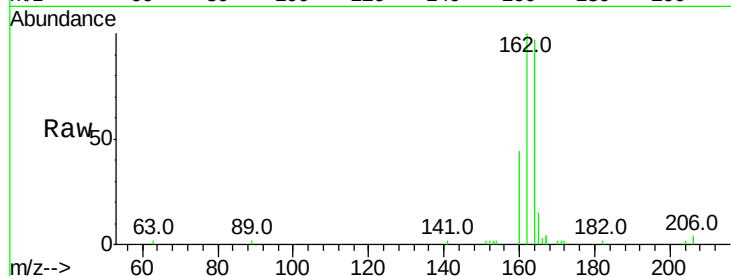
Tot Ion:164 Resp: 4621

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

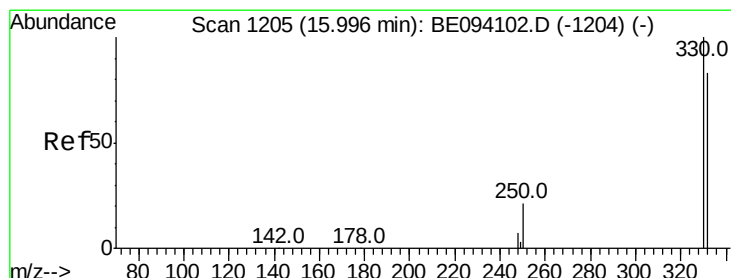
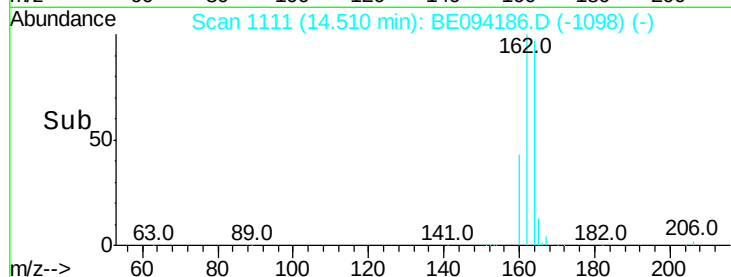
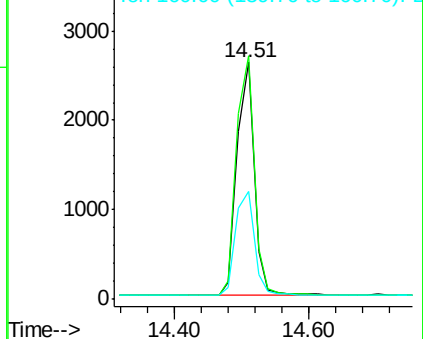
160 45.7 37.1 55.7



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: 10.075 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

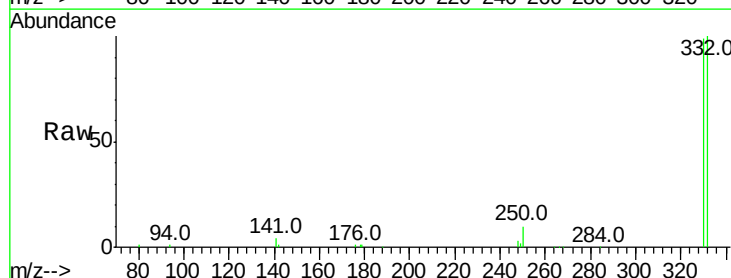
Tgt Ion:330 Resp: 20239

Ion Ratio Lower Upper

330 100

332 102.9 152.7 229.1#

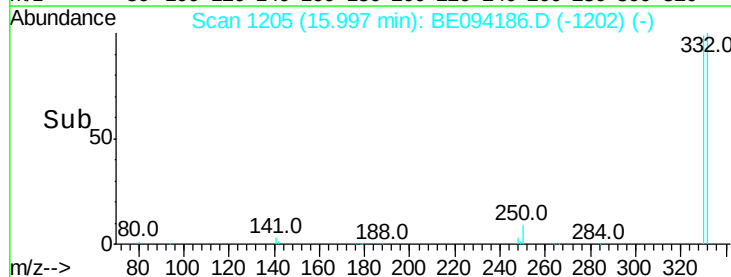
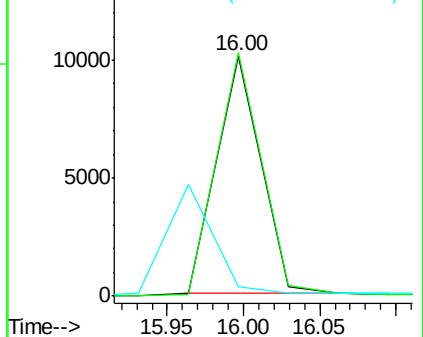
141 0.0 33.7 50.5#

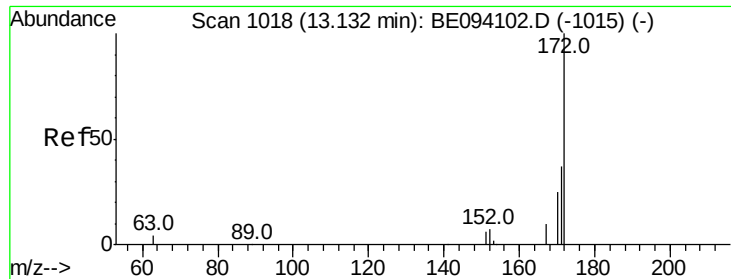


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

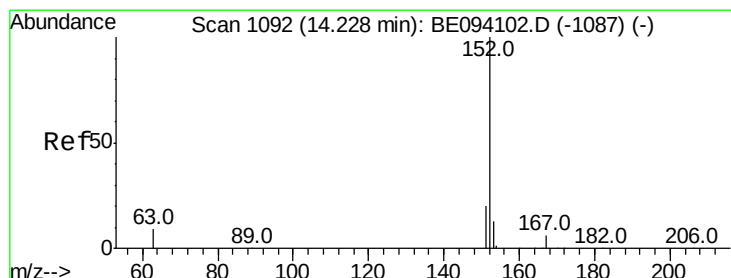
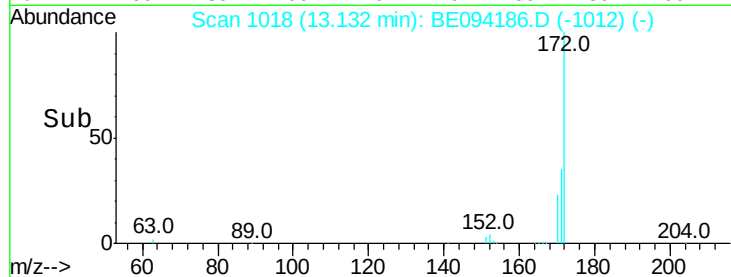
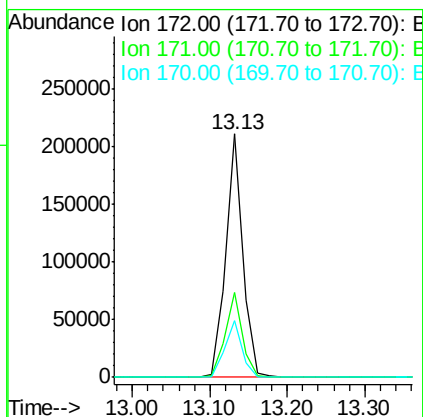
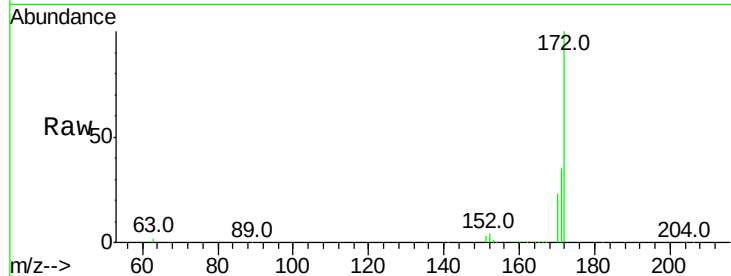




#15
2-Fluorobiphenyl
Concen: 20.415 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

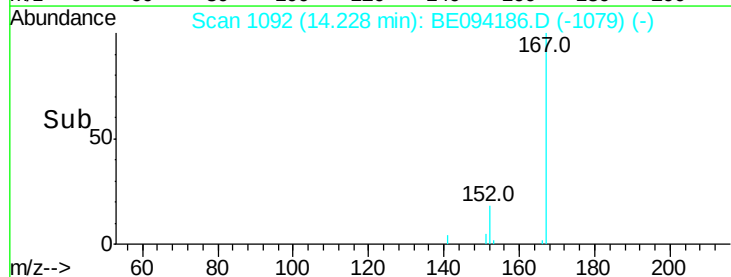
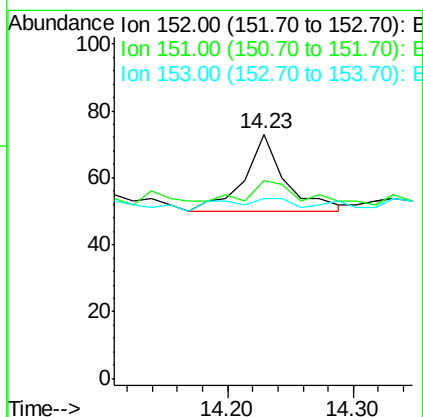
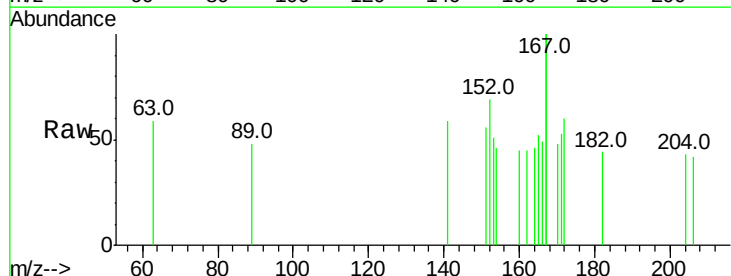
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

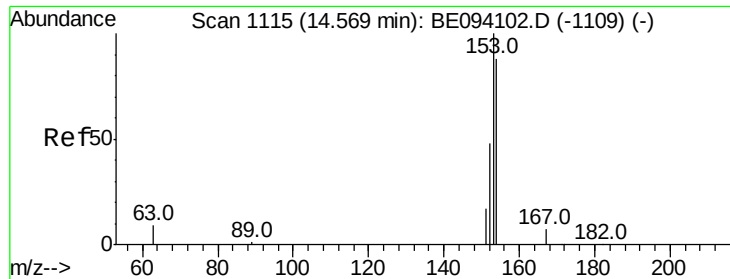
Tot Ion:172 Resp: 323177
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:152 Resp: 52
Ion Ratio Lower Upper
152 100
151 38.5 15.7 23.5#
153 32.7 10.5 15.7#

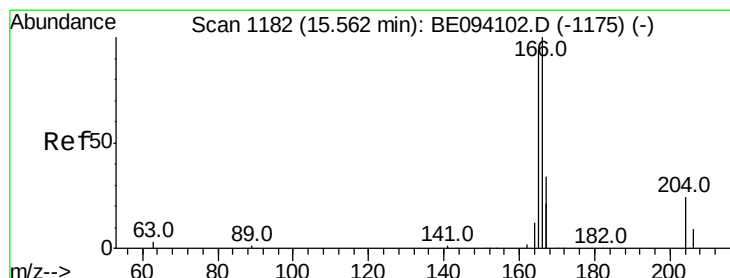
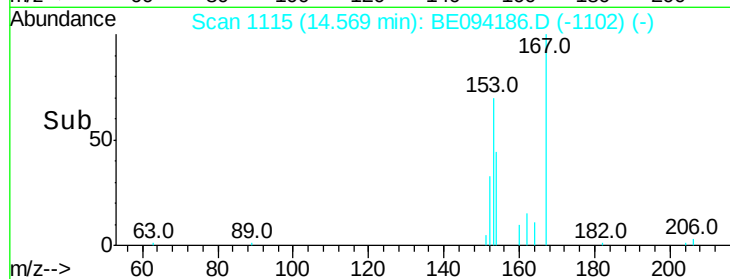
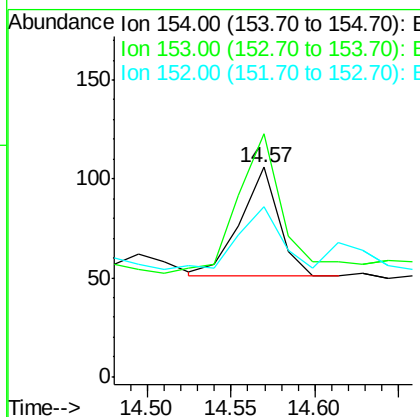
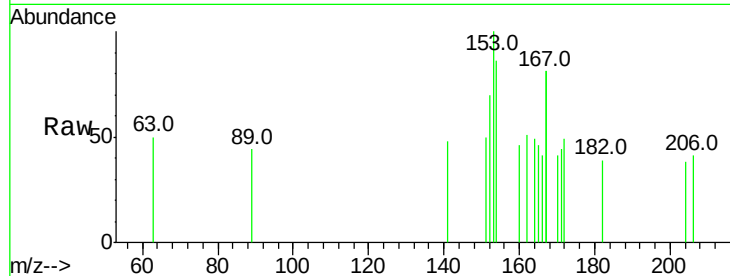




#17
Acenaphthene
Concen: 0.006 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

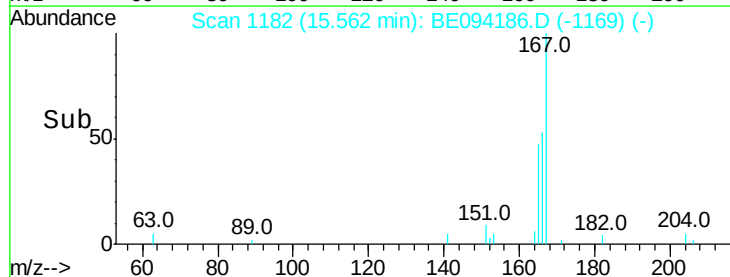
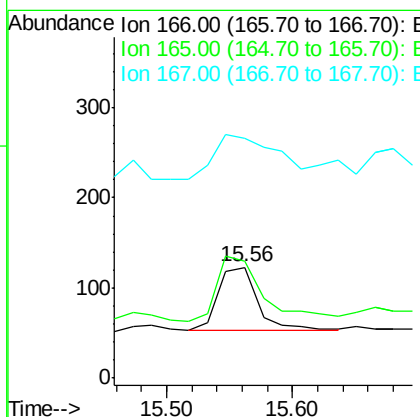
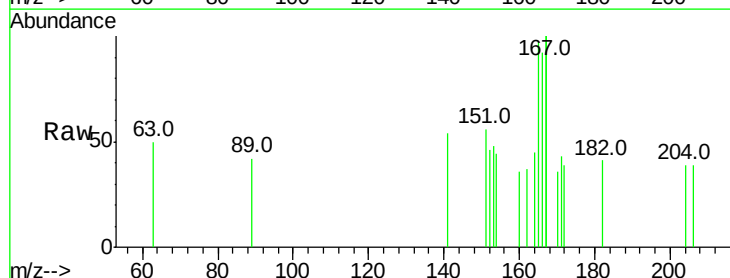
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

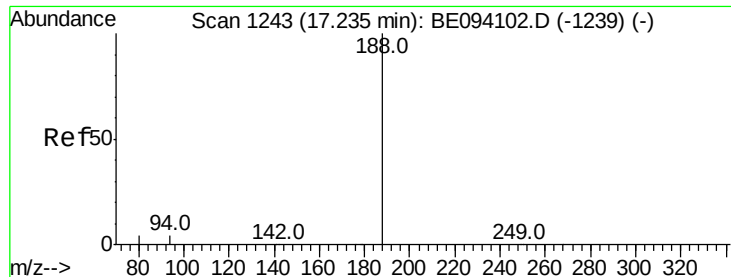
Tot Ion:154 Resp: 87
Ion Ratio Lower Upper
154 100
153 158.6 89.2 133.8#
152 69.0 42.0 63.0#



#18
Fluorene
Concen: 0.008 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:166 Resp: 152
Ion Ratio Lower Upper
166 100
165 121.7 77.8 116.6#
167 121.7 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

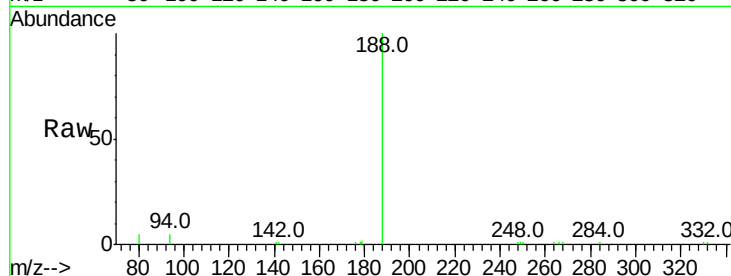
Tot Ion:188 Resp: 12613

Ion Ratio Lower Upper

188 100

94 4.8 3.9 5.9

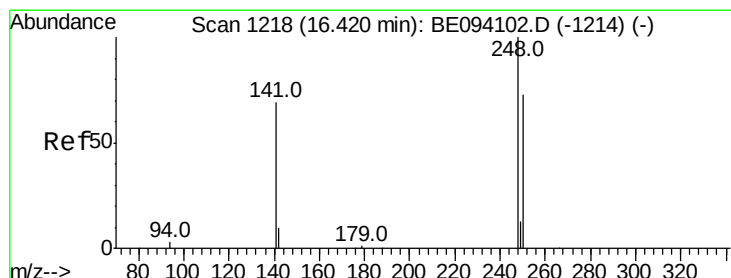
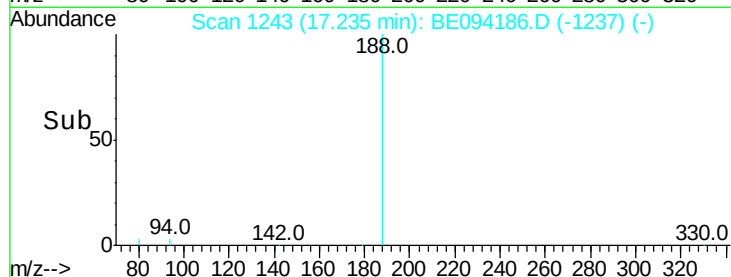
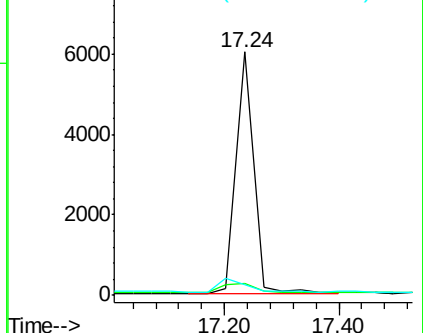
80 4.5 3.6 5.4



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: 0.004 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

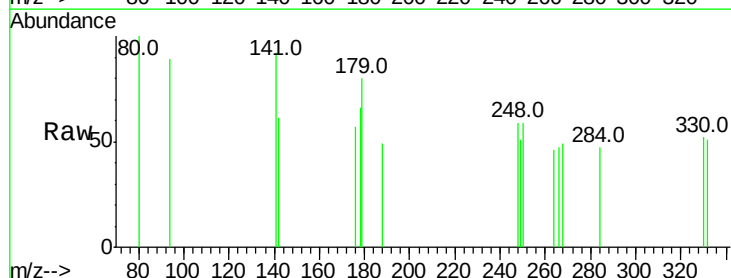
Tgt Ion:248 Resp: 31

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

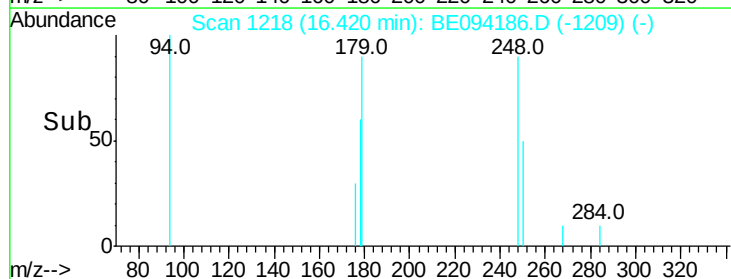
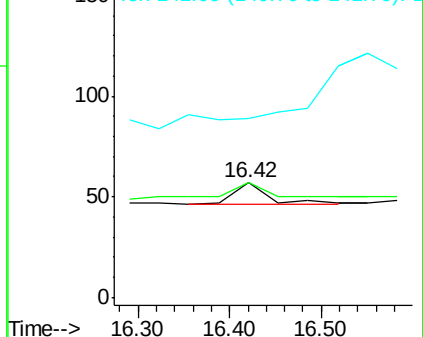
141 156.1 48.2 72.2#

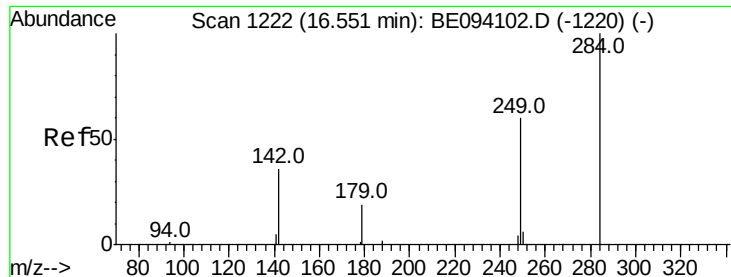


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.004 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

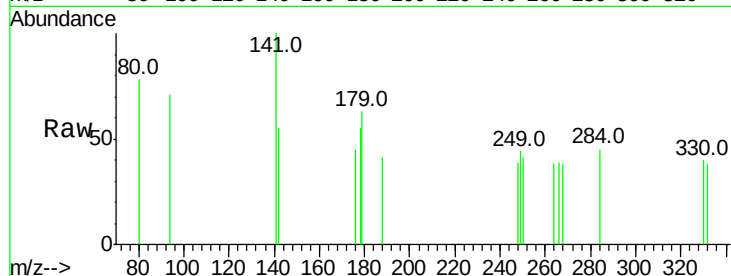
Tot Ion:284 Resp: 23

Ion Ratio Lower Upper

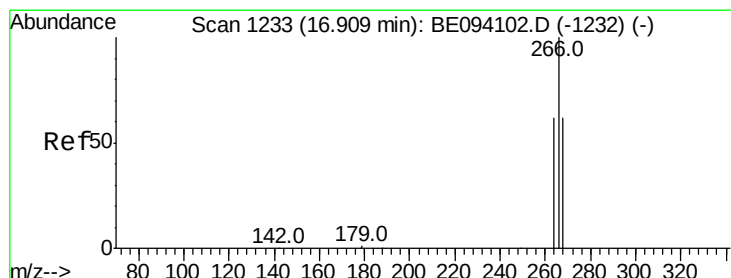
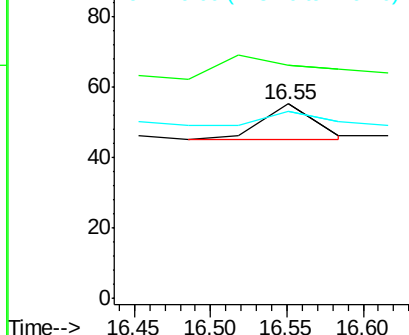
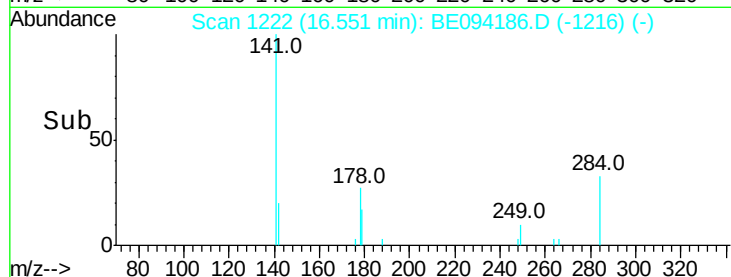
284 100

142 0.0 22.1 33.1#

249 43.5 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.006 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

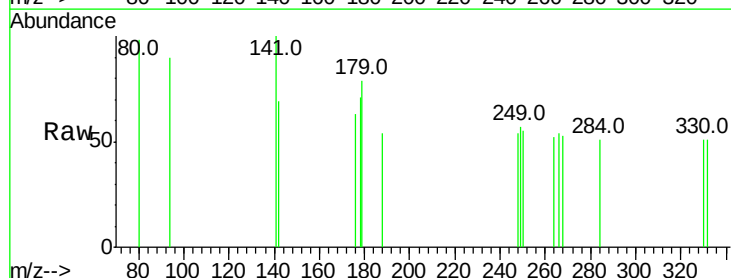
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

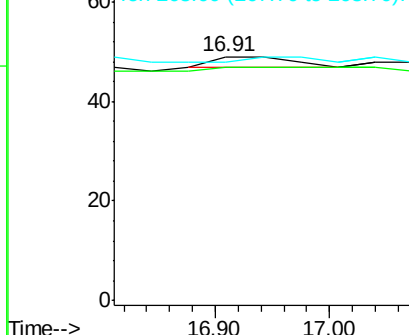
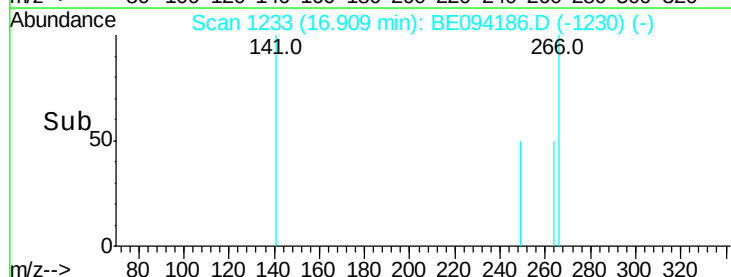
266 100

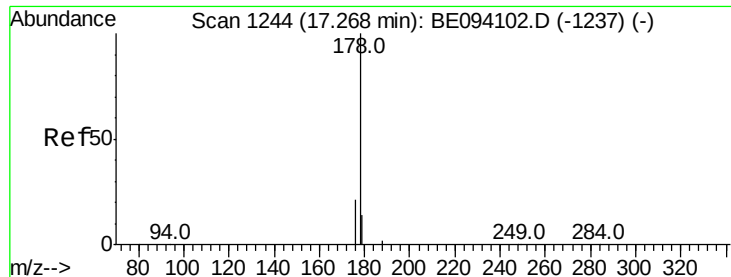
264 95.9 72.5 108.7

268 98.0 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: 0.018 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

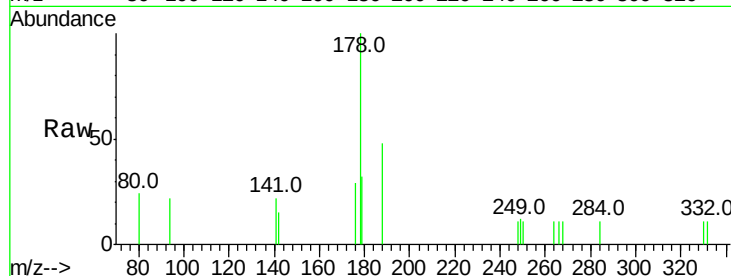
Tot Ion:178 Resp: 786

Ion Ratio Lower Upper

178 100

176 20.9 15.1 22.7

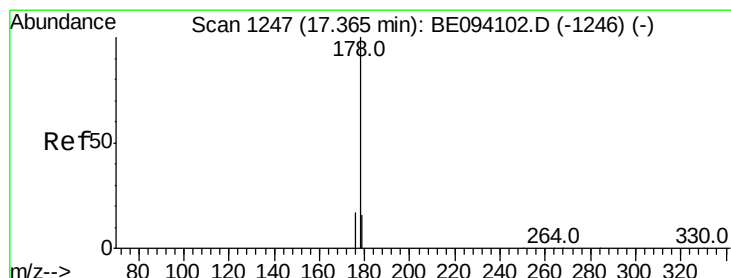
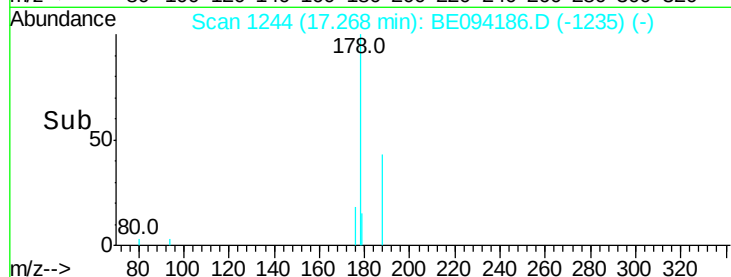
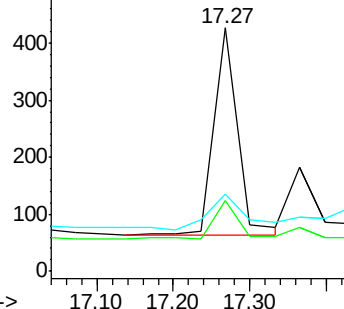
179 24.2 11.8 17.6#



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: 0.009 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

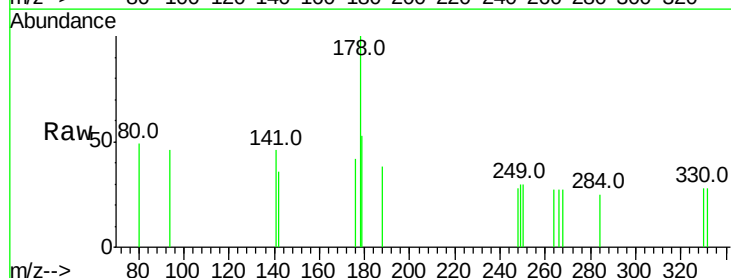
Tgt Ion:178 Resp: 301

Ion Ratio Lower Upper

178 100

176 12.3 12.8 19.2#

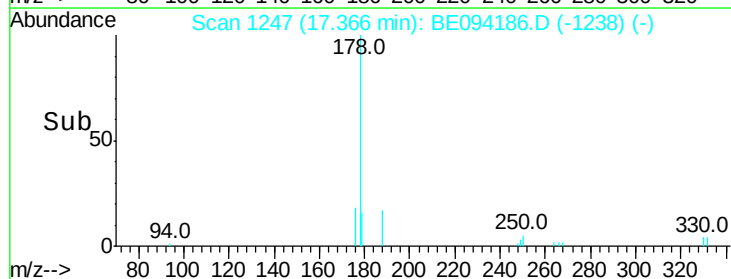
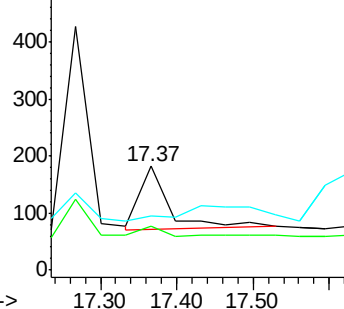
179 0.0 13.0 19.6#

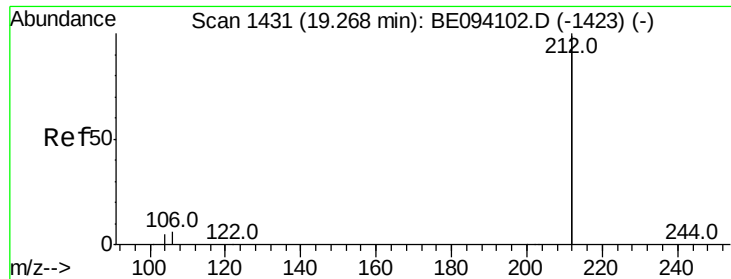


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

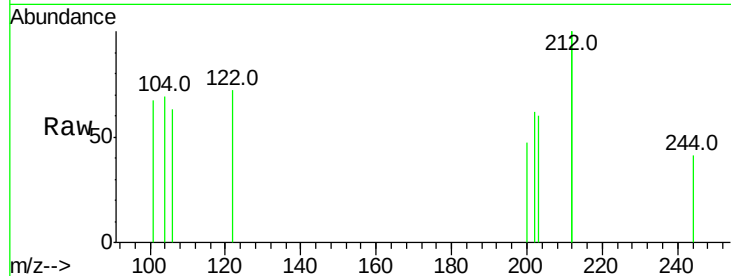
Tot Ion:212 Resp: 62

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

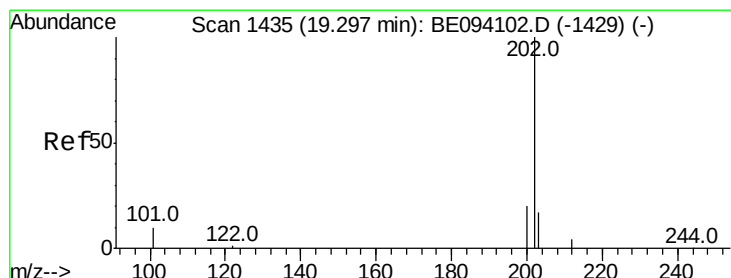
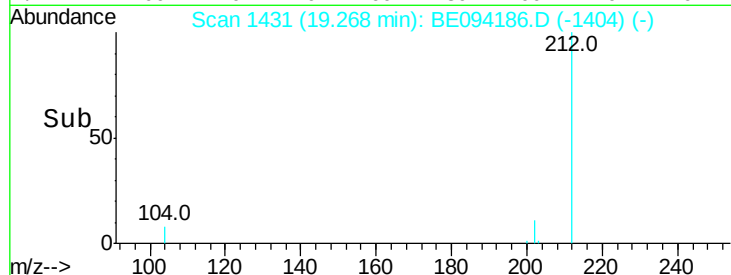
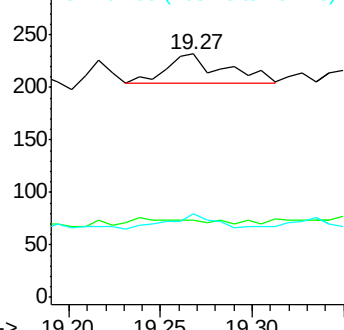
104 43.5 1.6 2.4#



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: 0.026 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

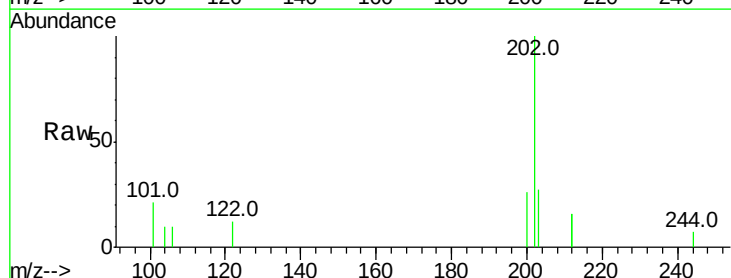
Tgt Ion:202 Resp: 985

Ion Ratio Lower Upper

202 100

101 16.0 9.8 14.8#

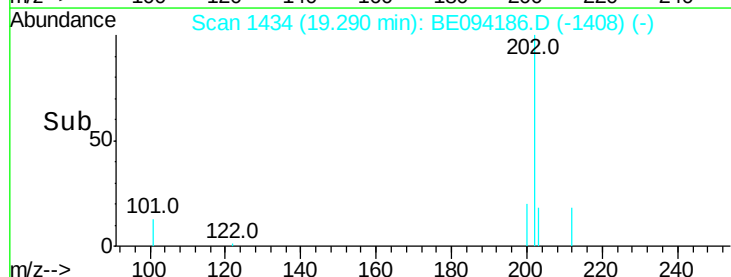
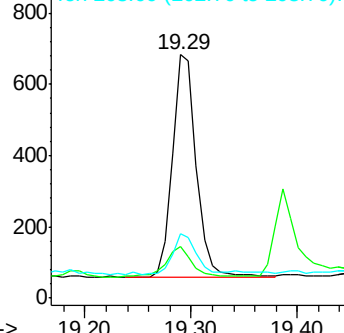
203 17.7 13.7 20.5

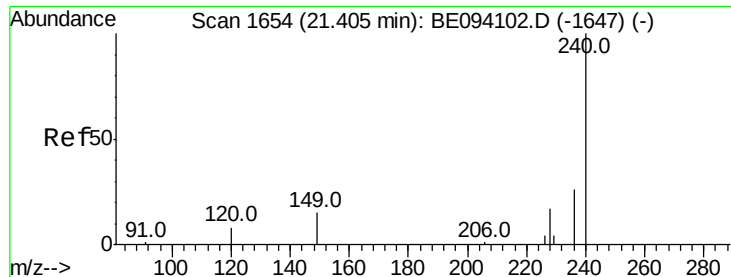


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

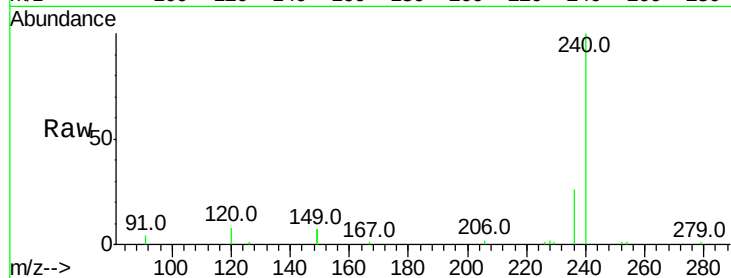
Tot Ion:240 Resp: 10915

Ion Ratio Lower Upper

240 100

120 8.3 5.5 8.3#

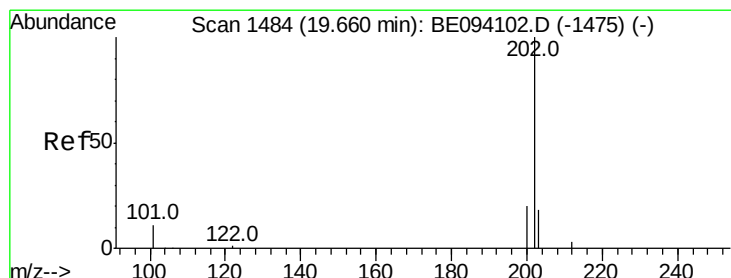
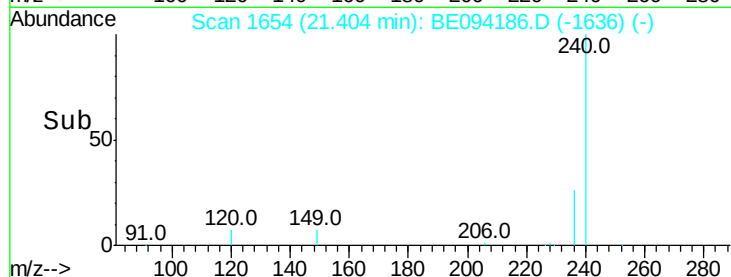
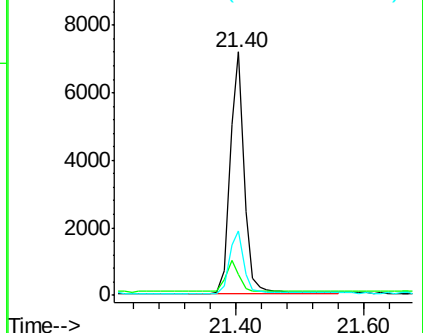
236 26.2 20.7 31.1



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: 0.030 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

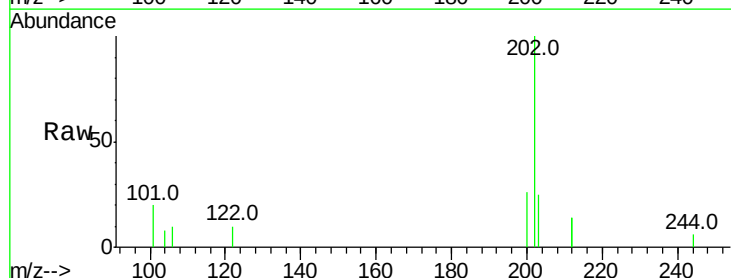
Tgt Ion:202 Resp: 1143

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

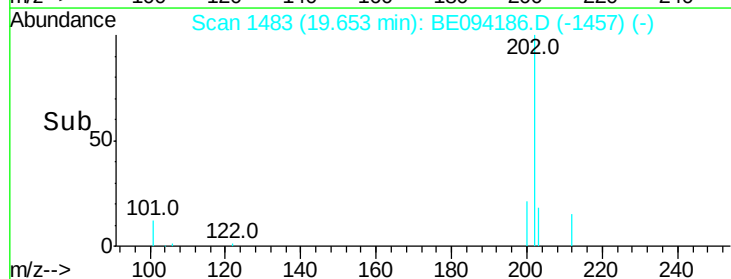
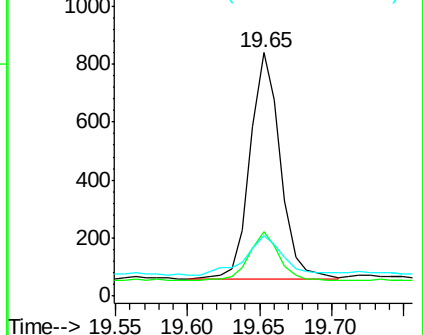
203 22.1 13.8 20.8#

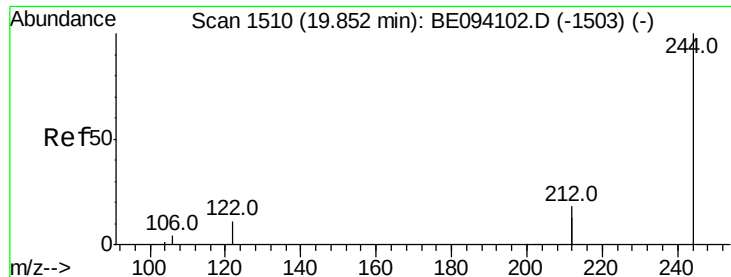


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 16.865 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

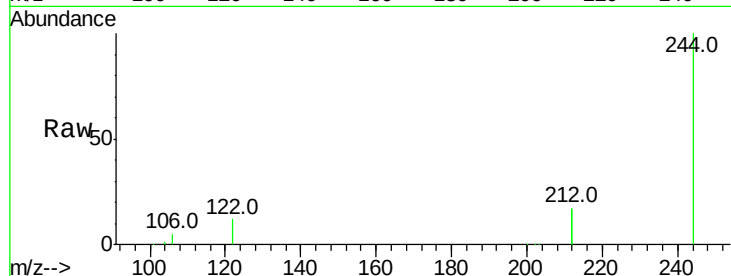
Tot Ion:244 Resp: 347618

Ion Ratio Lower Upper

244 100

212 33.1 25.4 38.0

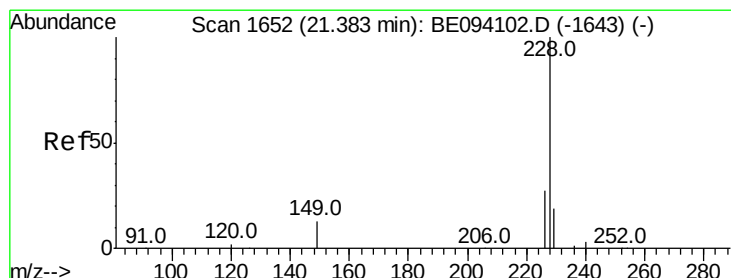
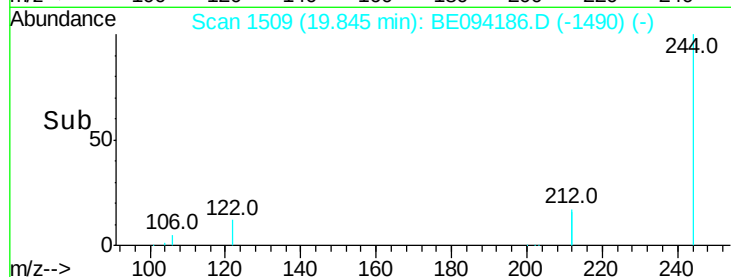
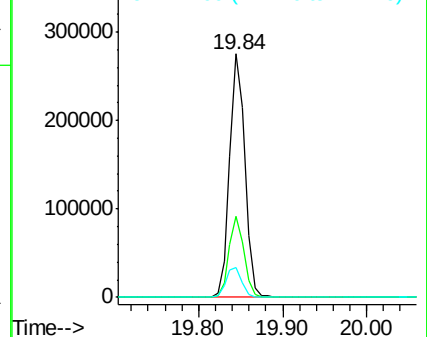
122 12.4 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.010 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

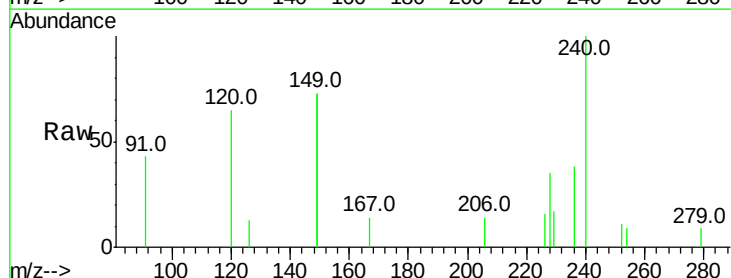
Tgt Ion:228 Resp: 345

Ion Ratio Lower Upper

228 100

226 46.2 21.4 32.0#

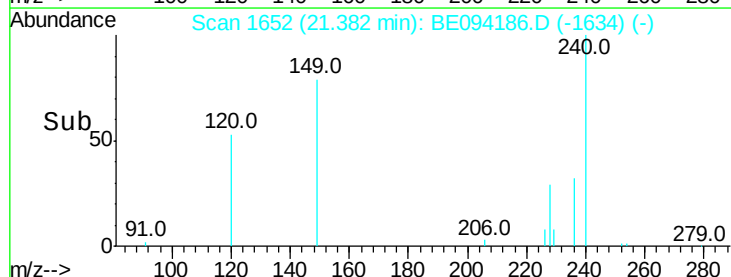
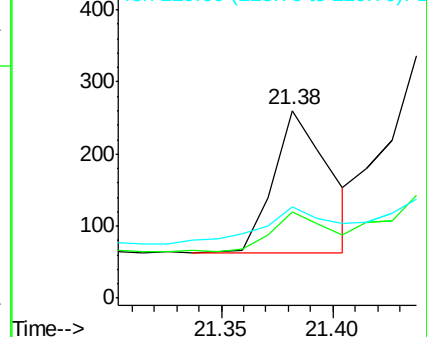
229 48.5 16.4 24.6#

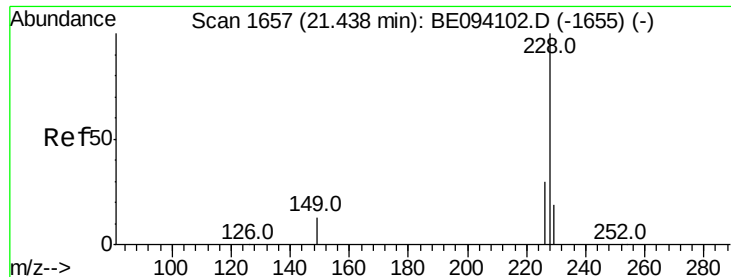


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.015 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

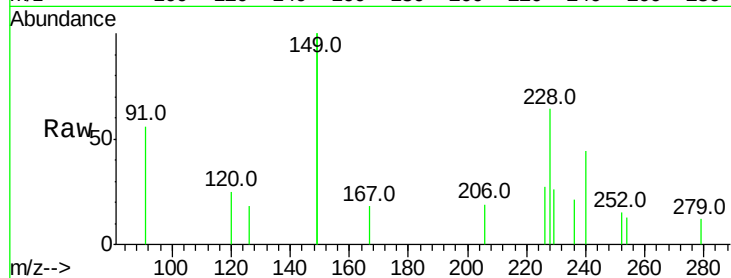
Tot Ion:228 Resp: 514

Ion Ratio Lower Upper

228 100

226 42.6 23.6 35.4#

229 40.8 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

21.44

300

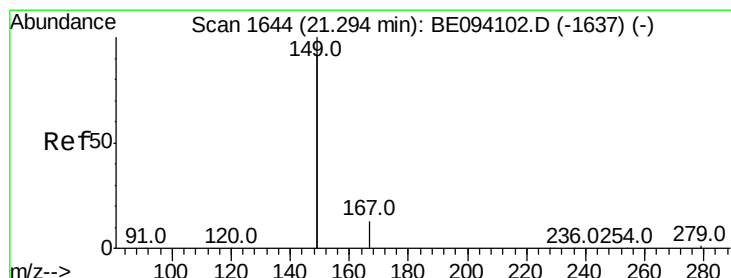
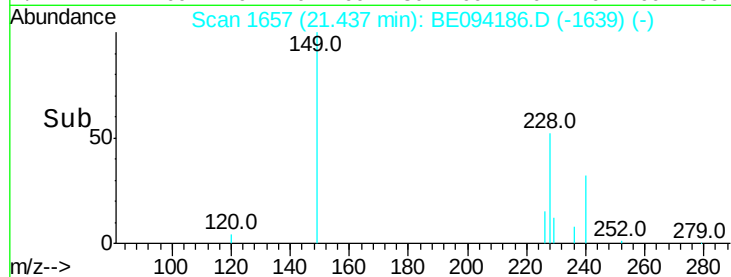
200

100

0

21.40 21.50

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.217 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

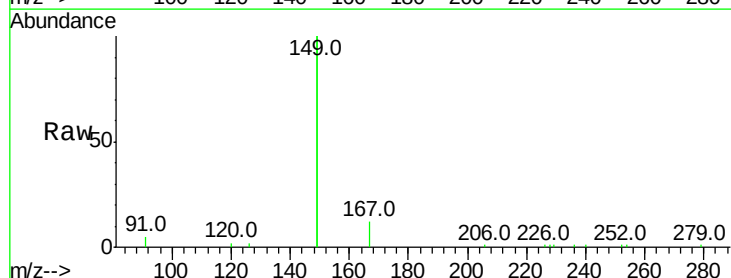
Tgt Ion:149 Resp: 17905

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.8 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

21.28

15000

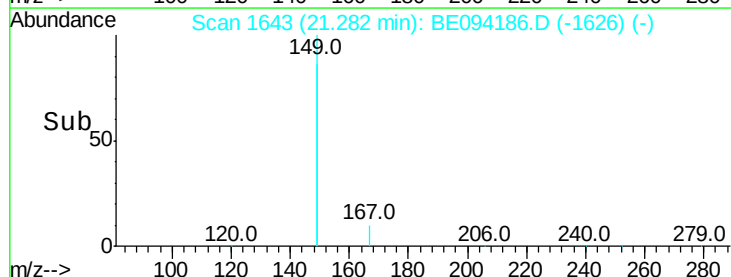
10000

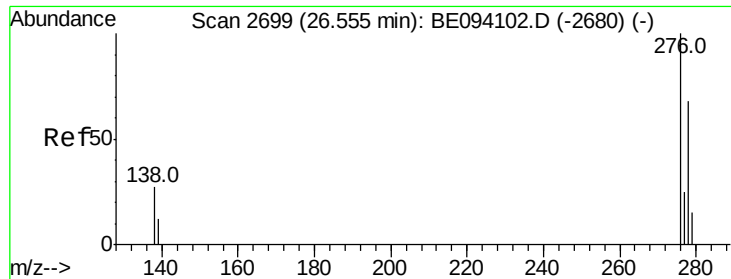
5000

0

21.20 21.30

Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.006 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

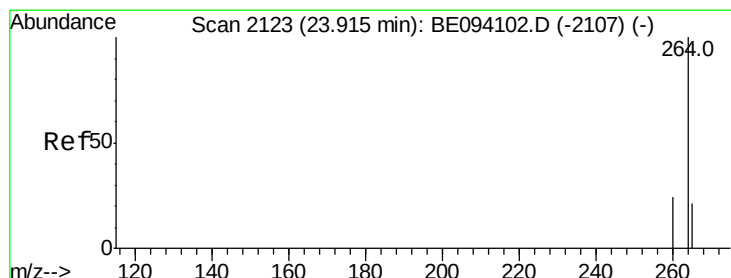
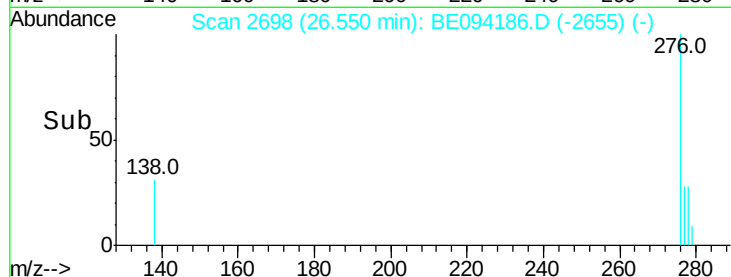
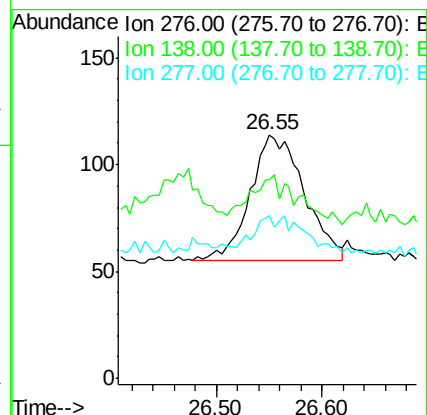
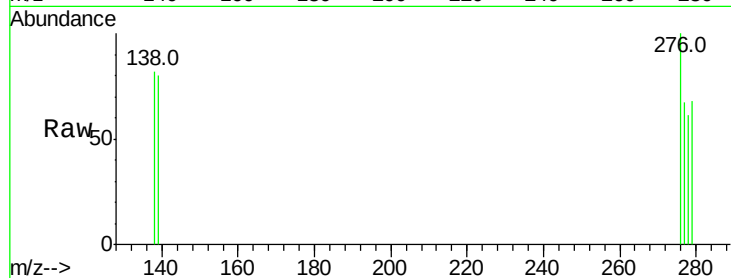
Tot Ion:276 Resp: 211

Ion Ratio Lower Upper

276 100

138 27.0 22.5 33.7

277 9.5 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

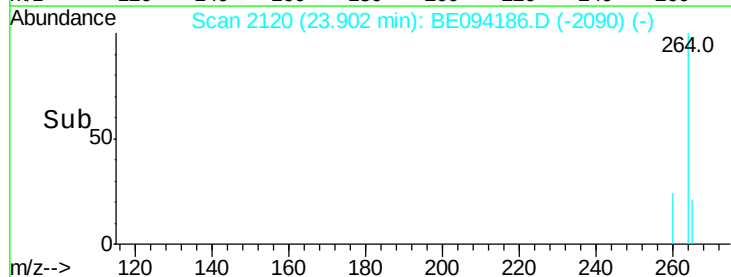
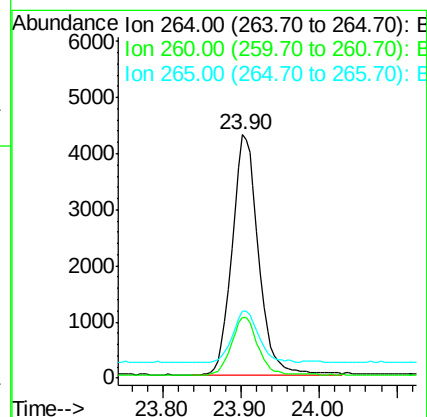
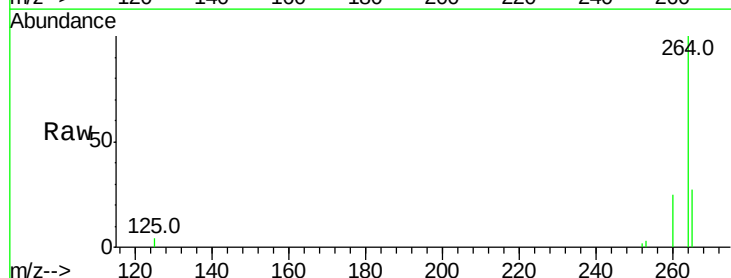
Tgt Ion:264 Resp: 10032

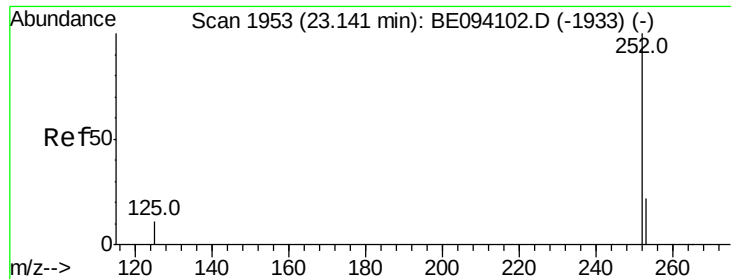
Ion Ratio Lower Upper

264 100

260 24.6 20.5 30.7

265 27.4 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.018 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

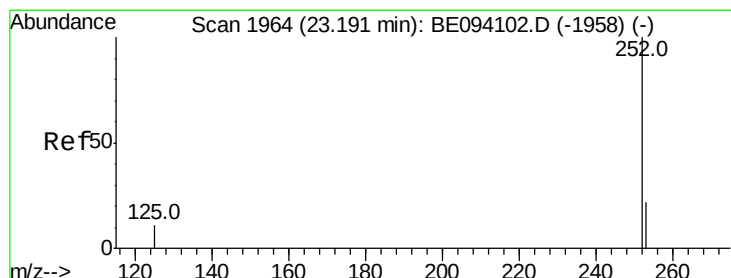
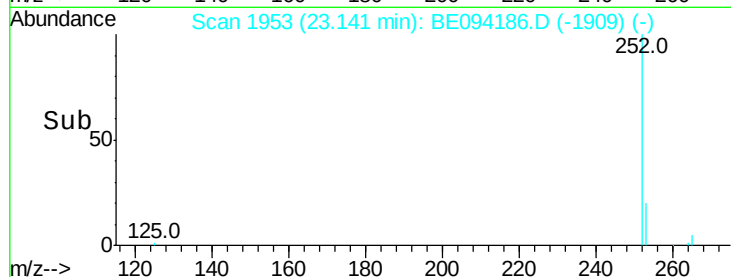
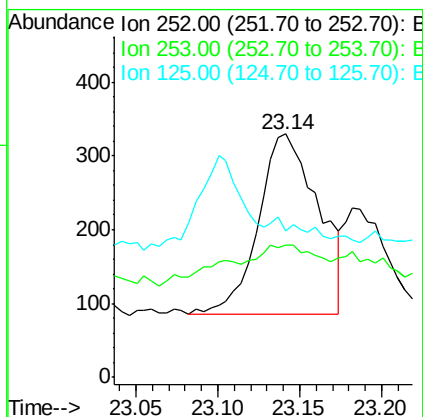
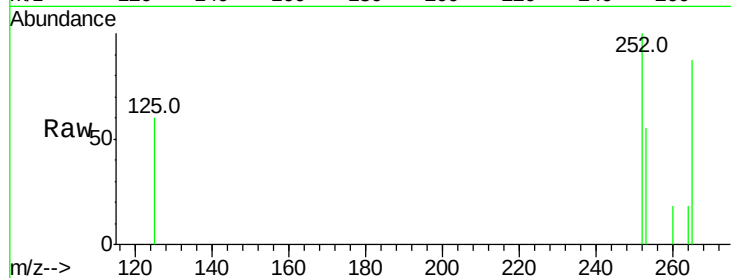
Tot Ion:252 Resp: 622

Ion Ratio Lower Upper

252 100

253 54.5 18.2 27.2#

125 60.0 10.1 15.1#



#36

Benzo(k)fluoranthene

Concen: 0.018 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

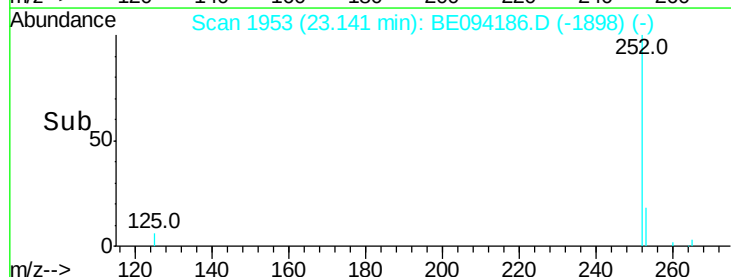
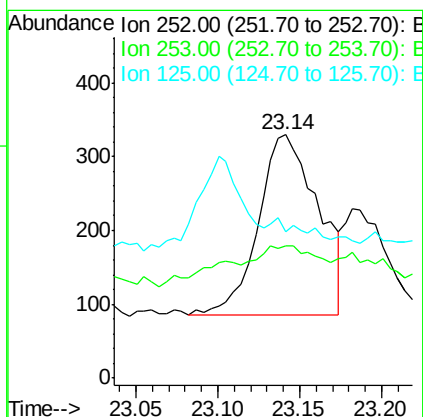
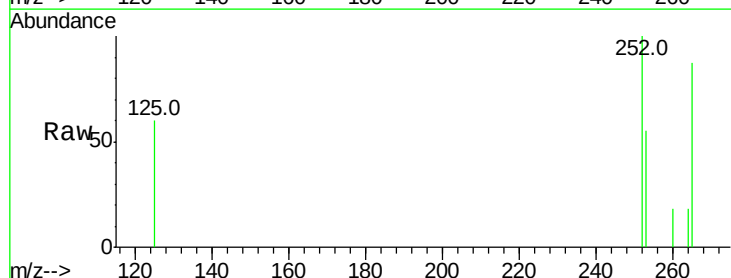
Tgt Ion:252 Resp: 622

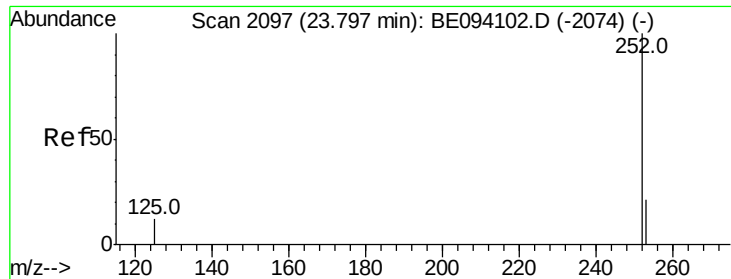
Ion Ratio Lower Upper

252 100

253 54.5 18.6 27.8#

125 60.0 10.7 16.1#





#37

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.79 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

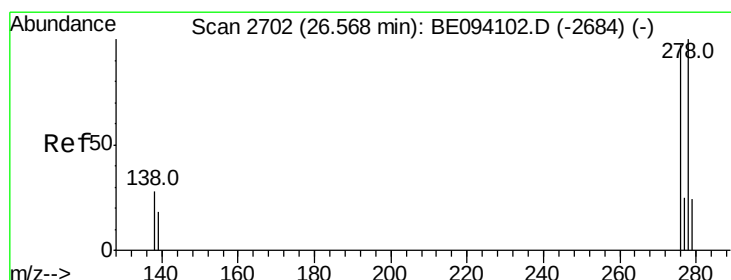
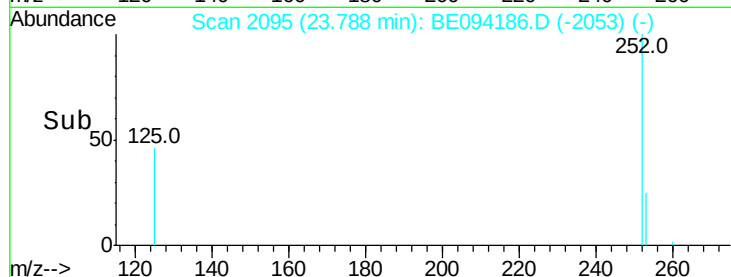
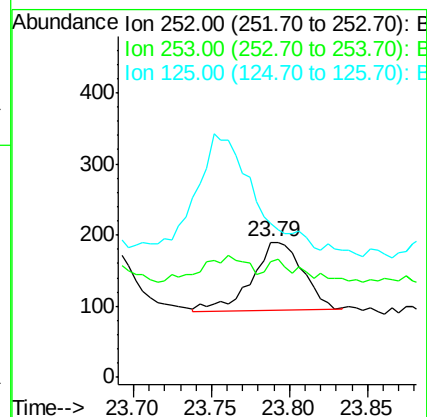
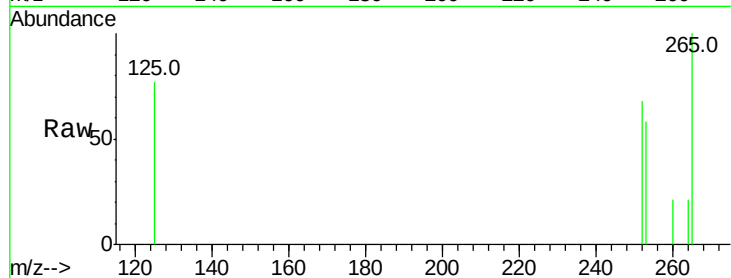
Tot Ion:252 Resp: 217

Ion Ratio Lower Upper

252 100

253 85.3 19.0 28.6#

125 113.7 11.8 17.8#



#38

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 26.57 min Scan# 2702

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

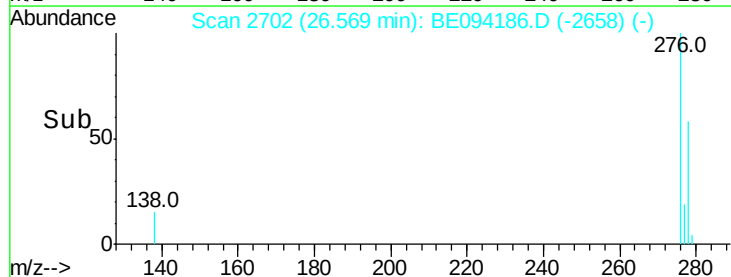
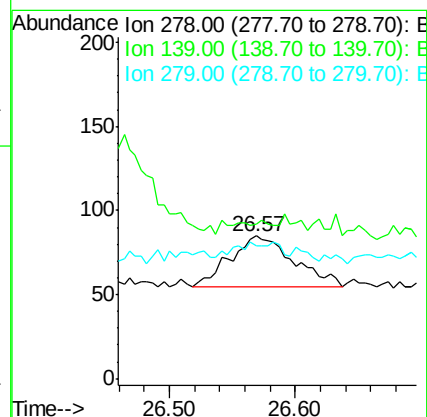
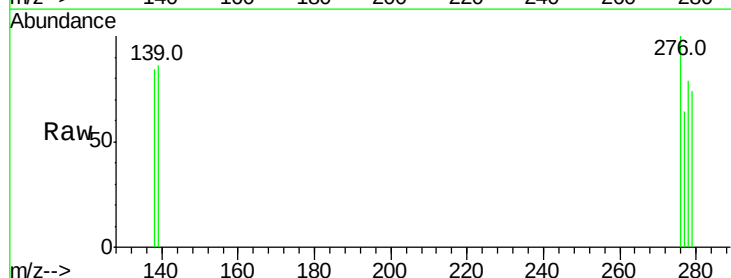
Tgt Ion:278 Resp: 104

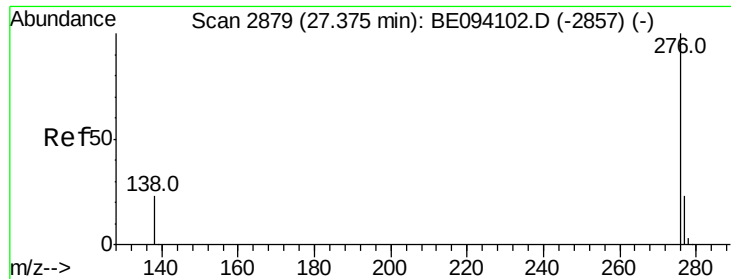
Ion Ratio Lower Upper

278 100

139 108.2 16.3 24.5#

279 92.9 19.9 29.9#





#39

Benzo(a,h,i)perylene

Concen: 0.007 ng

RT: 27.37 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BE094186.D

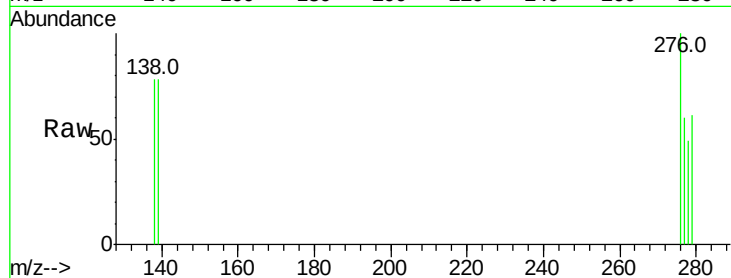
Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C



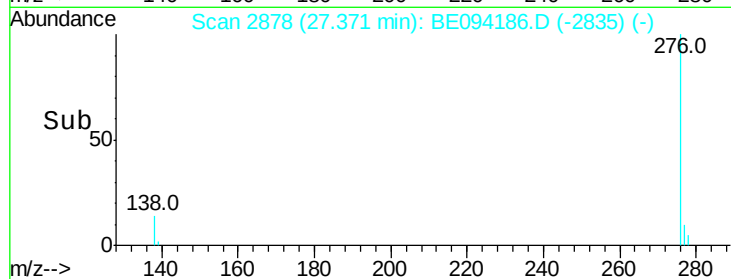
Tot Ion:276 Resp: 217

Ion Ratio Lower Upper

276 100

277 60.4 20.8 31.2#

138 78.4 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

27.37

100

50

0

Time-->

27.30 27.40