

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094190.D
 Acq On : 6 Oct 2017 21:52
 Operator : SJ/JU
 Sample : I5571-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-C-D

Quant Time: Oct 07 01:15:01 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	1631	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7703	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4493	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12287	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11100	0.40	ng	0.00
34) Perylene-d12	23.90	264	10205	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	126660	23.30	ng	0.00
5) Phenol-d6	7.07	99	118127	14.99	ng	-0.01
8) Nitrobenzene-d5	9.05	82	370472	57.77	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	1	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	126023	64.52	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	733811	47.68	ng	0.00
25) Fluoranthene-d10	19.29	212	176	0.00	ng	0.02
29) Terphenyl-d14	19.84	244	1036702	49.46	ng	0.00

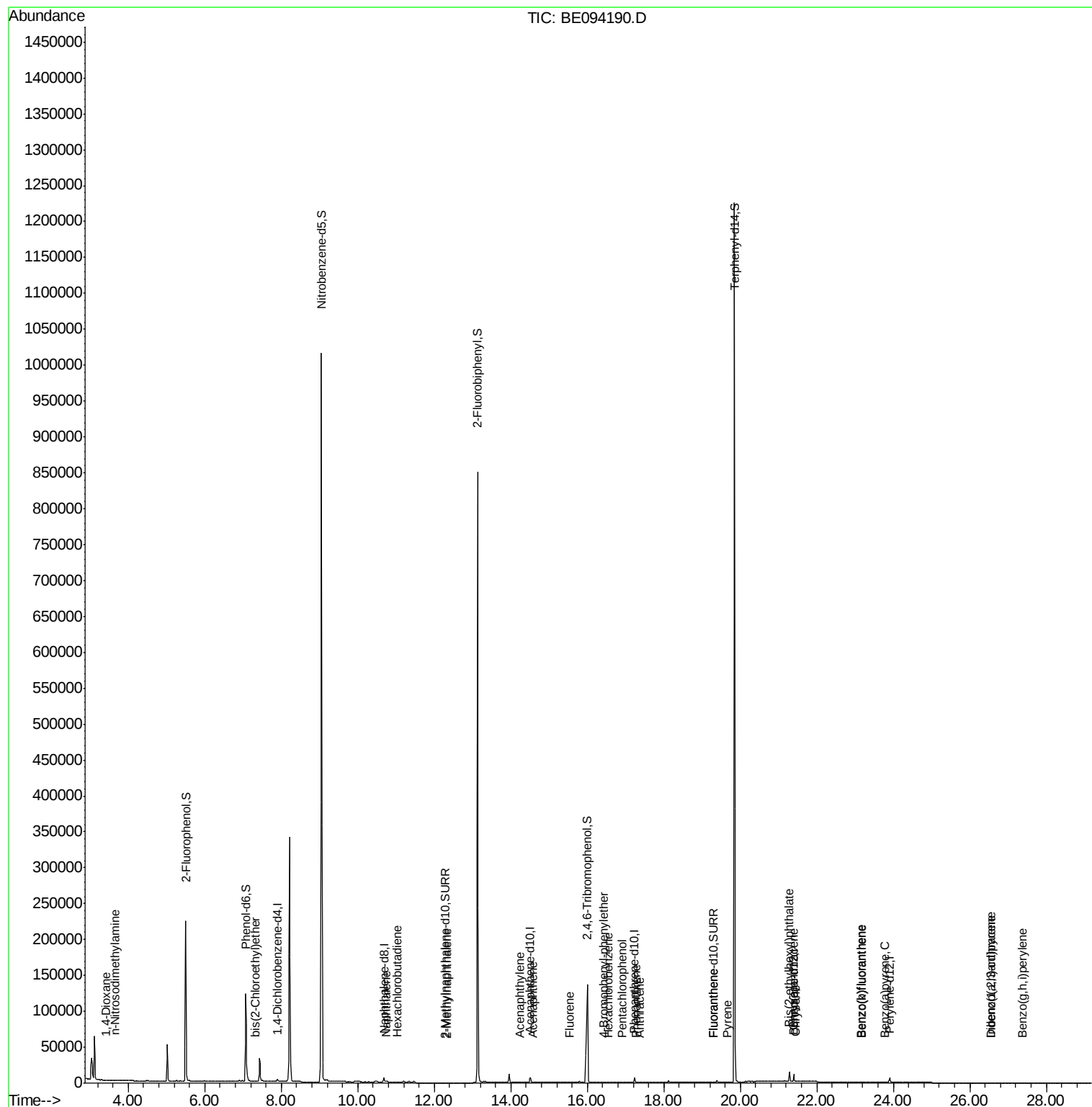
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	202	0.068	ng	# 47
3) n-Nitrosodimethylamine	3.66	42	245	0.077	ng	# 1
6) bis(2-Chloroethyl)ether	7.31	93	23	0.004	ng	# 1
9) Naphthalene	10.74	128	558	0.006	ng	# 73
10) Hexachlorobutadiene	11.03	225	5	0.002	ng	# 50
12) 2-Methylnaphthalene	12.35	142	69	0.005	ng	# 71
16) Acenaphthylene	14.23	152	70	0.003	ng	# 33
17) Acenaphthene	14.57	154	63	0.004	ng	# 69
18) Fluorene	15.55	166	98	0.005	ng	# 15
20) 4-Bromophenyl-phenylether	16.42	248	20	0.003	ng	# 3
21) Hexachlorobenzene	16.55	284	8	0.001	ng	# 1
22) Pentachlorophenol	16.91	266	16	0.009	ng	95
23) Phenanthrene	17.27	178	620	0.015	ng	# 68
24) Anthracene	17.37	178	149	0.005	ng	# 80
26) Fluoranthene	19.29	202	421	0.011	ng	# 1
28) Pyrene	19.65	202	534	0.014	ng	# 90
30) Benzo(a)anthracene	21.38	228	230	0.006	ng	# 38
31) Chrysene	21.44	228	280	0.008	ng	# 52
32) Bis(2-ethylhexyl)phthalate	21.28	149	18251	0.217	ng	99
33) Indeno(1,2,3-cd)pyrene	26.56	276	179	0.005	ng	# 74
35) Benzo(b)fluoranthene	23.14	252	339	0.010	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	187	0.005	ng	# 1
37) Benzo(a)pyrene	23.79	252	167	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.57	278	139	0.005	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	147	0.005	ng	# 1

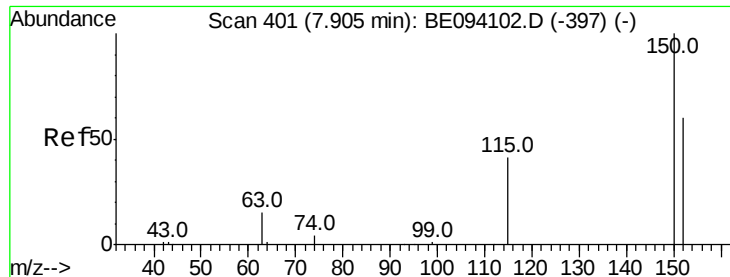
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

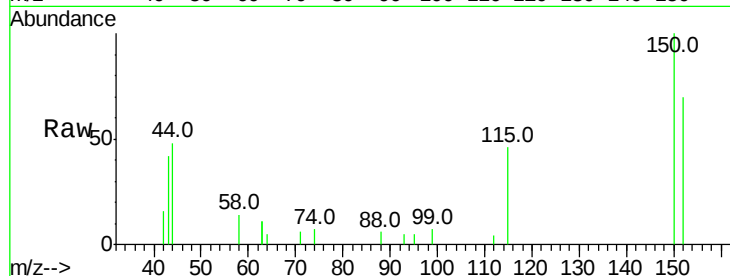
Tot Ion:152 Resp: 1631

Ion Ratio Lower Upper

152 100

150 143.3 117.2 175.8

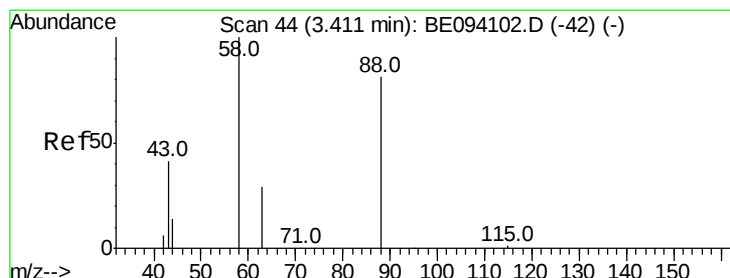
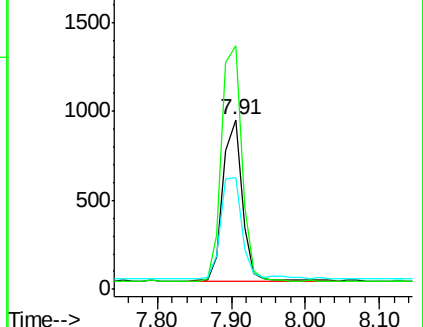
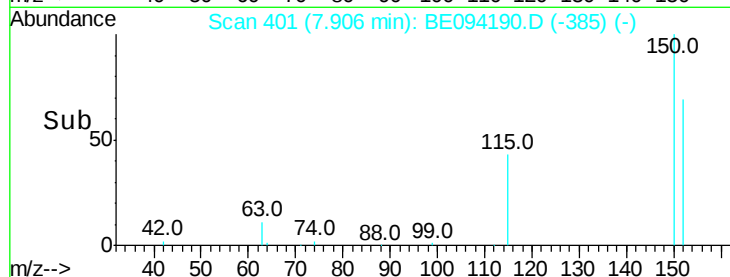
115 65.9 57.0 85.6



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: 0.068 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

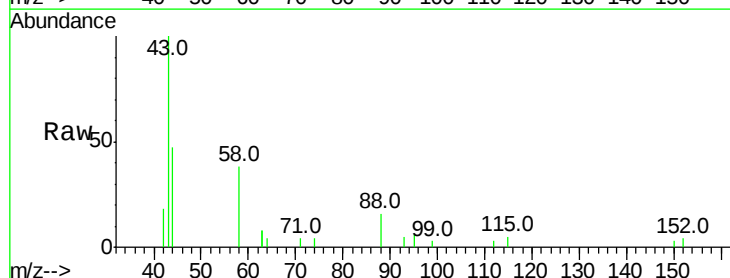
Tgt Ion: 88 Resp: 202

Ion Ratio Lower Upper

88 100

58 113.9 63.2 94.8#

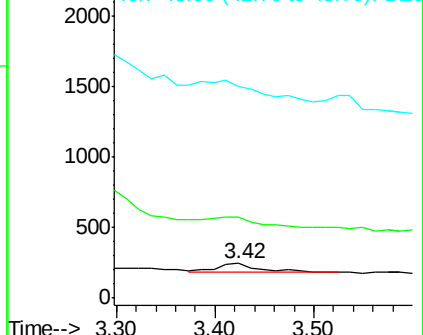
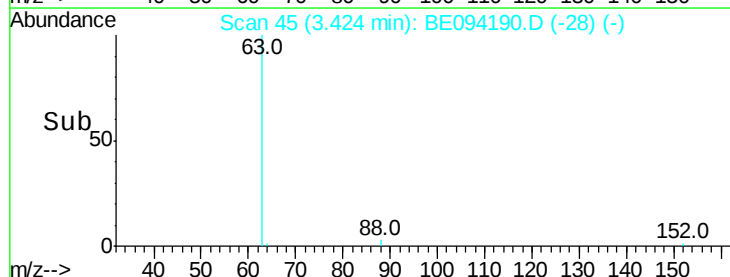
43 0.0 41.2 61.8#

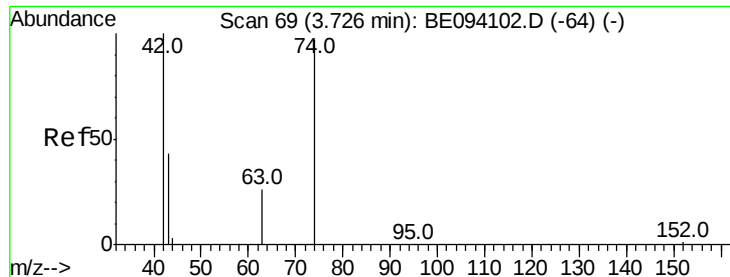


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.077 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.06 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

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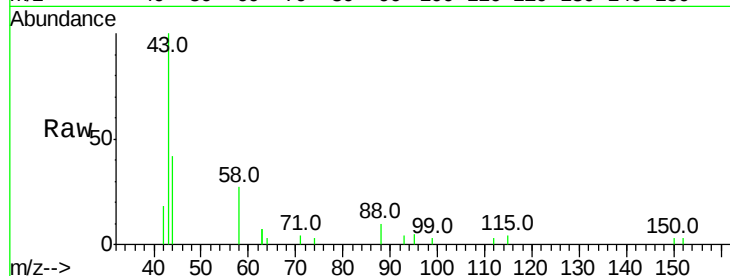
Tot Ion: 42 Resp: 245

Ion Ratio Lower Upper

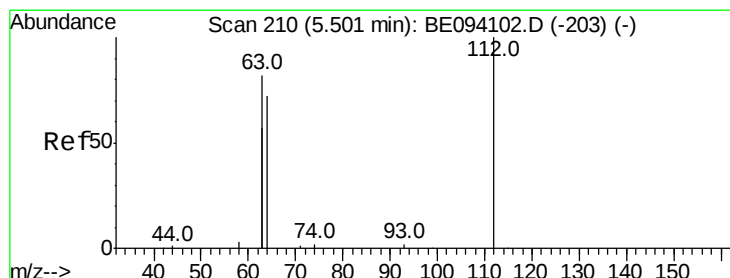
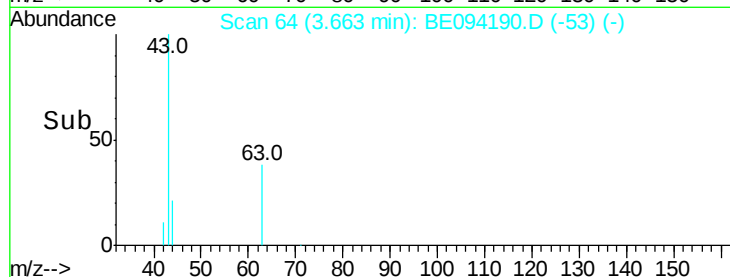
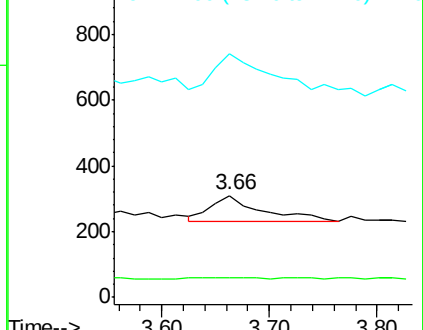
42 100

74 0.0 100.3 150.5#

44 224.9 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 23.304 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

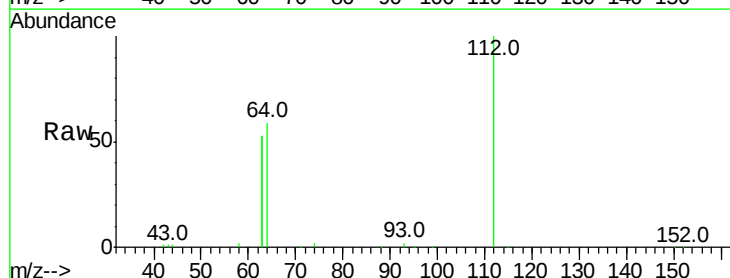
Tgt Ion: 112 Resp: 126660

Ion Ratio Lower Upper

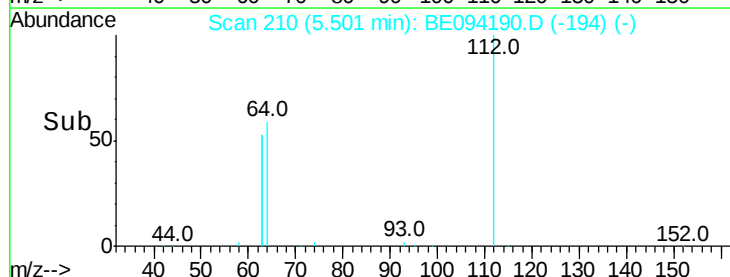
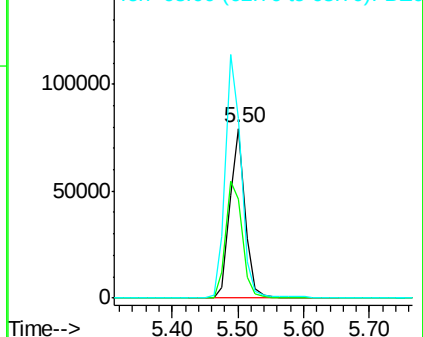
112 100

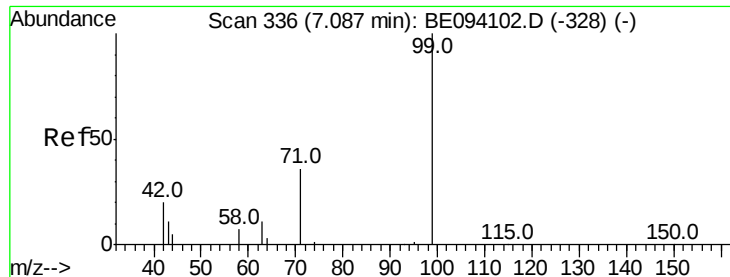
64 75.7 60.1 90.1

63 150.0 116.8 175.2



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: 14.992 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

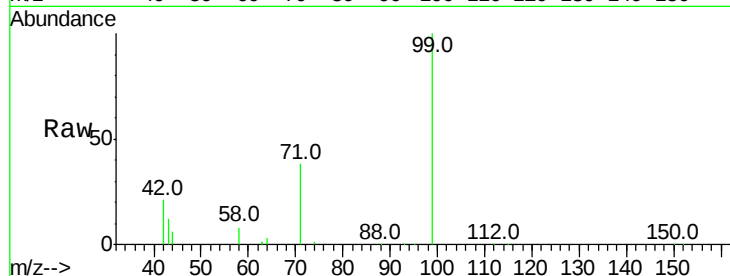
Tot Ion: 99 Resp: 118127

Ion Ratio Lower Upper

99 100

42 21.2 20.2 30.2

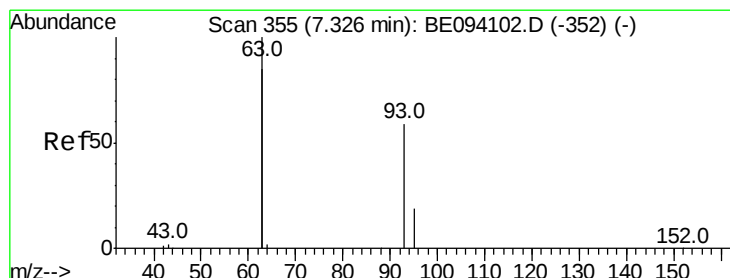
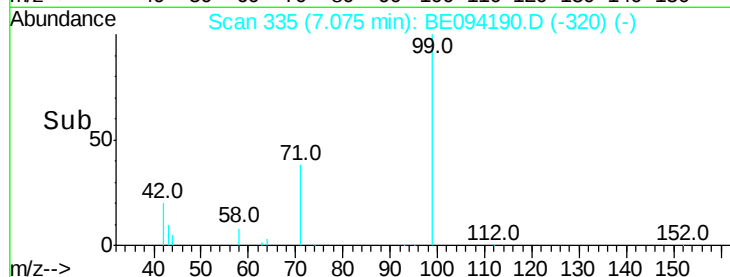
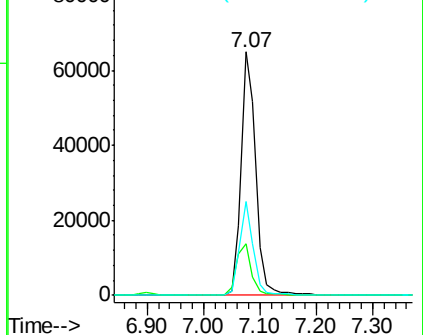
71 35.8 28.4 42.6



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: 7.31 min Scan# 354

Delta R.T. -0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

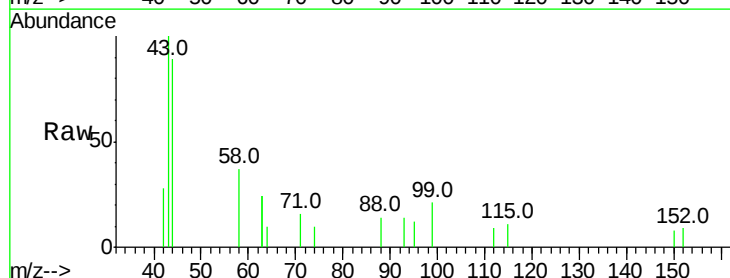
Tgt Ion: 93 Resp: 23

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

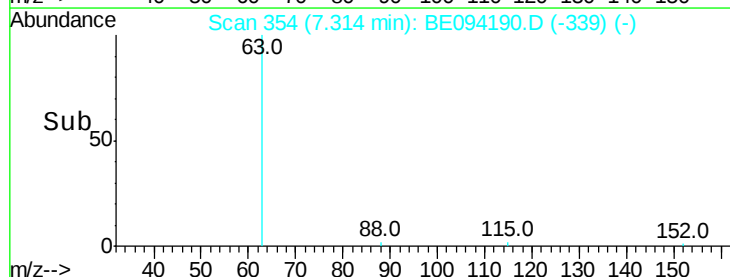
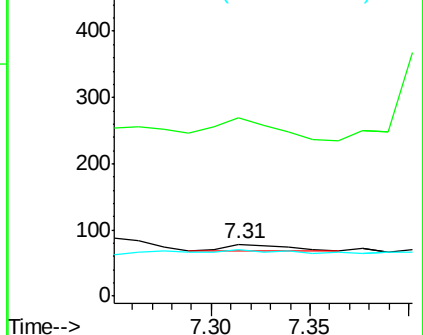
95 0.0 25.2 37.8#

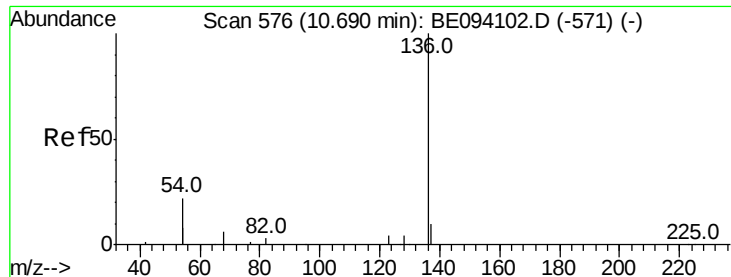


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

Tot Ion:136 Resp: 7703

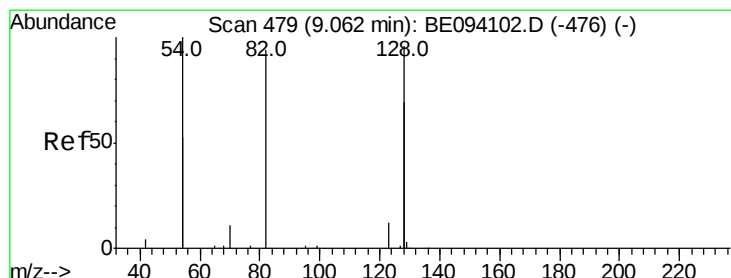
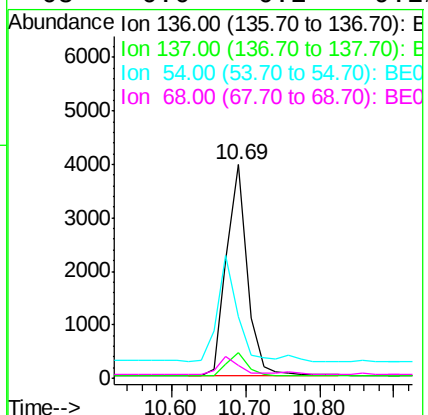
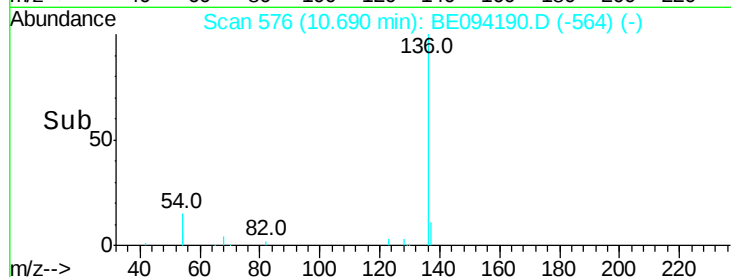
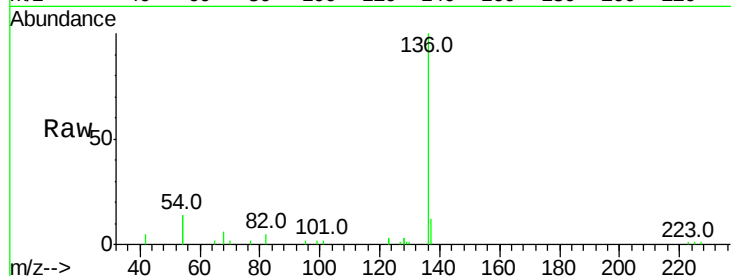
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 29.0 29.1 43.7#

68 6.0 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 57.765 ng

RT: 9.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

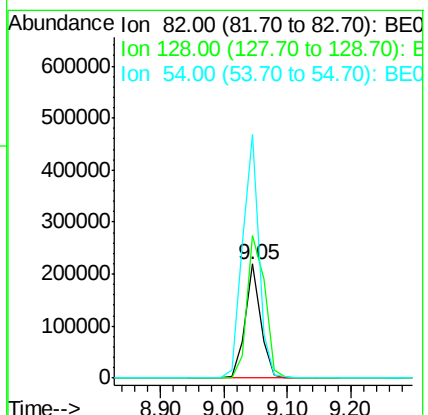
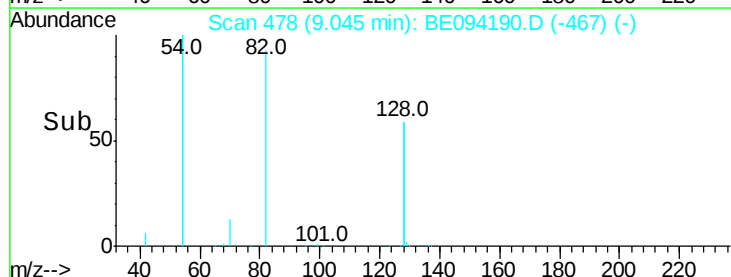
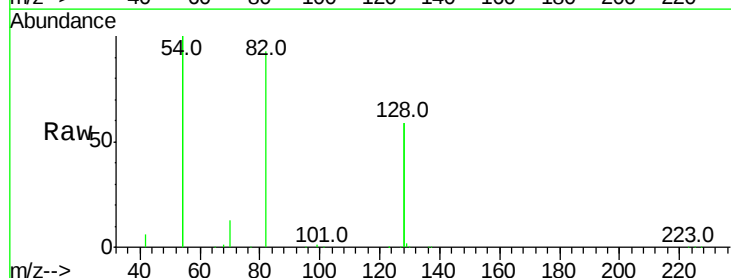
Tgt Ion: 82 Resp: 370472

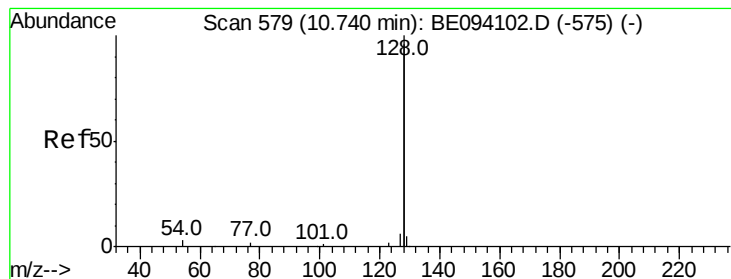
Ion Ratio Lower Upper

82 100

128 125.7 150.0 225.0#

54 214.0 154.2 231.4





#9

Naphthalene

Concen: 0.006 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

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ClientSampleId :

PAMT-COMP-C-D

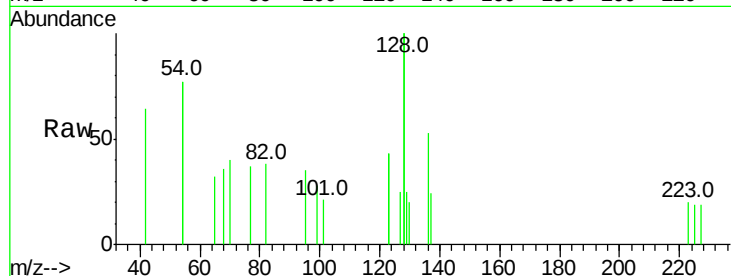
Tot Ion:128 Resp: 558

Ion Ratio Lower Upper

128 100

129 12.3 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

10.74

600

500

400

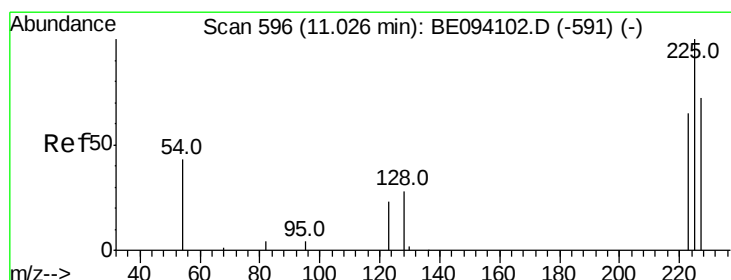
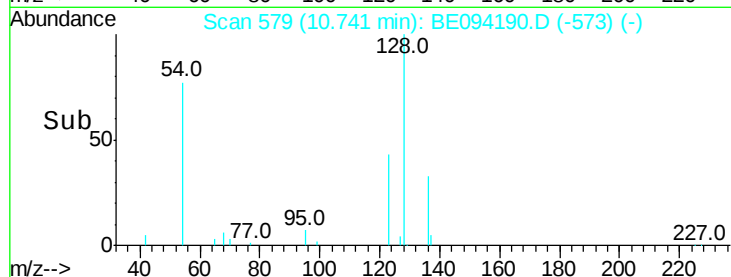
300

200

100

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 11.03 min Scan# 596

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

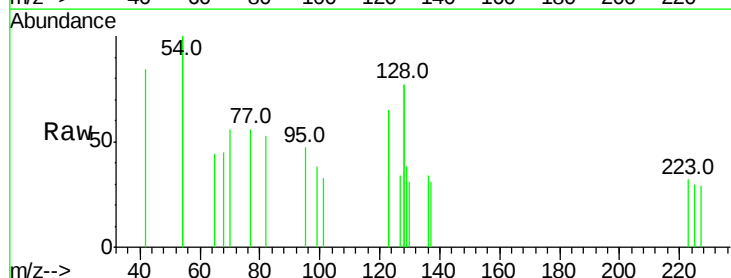
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 140.0 53.0 79.6#

227 60.0 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

11.03

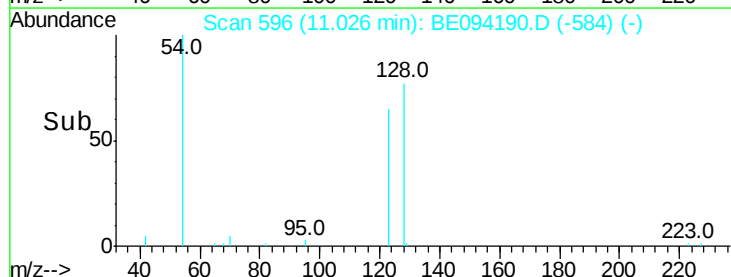
60

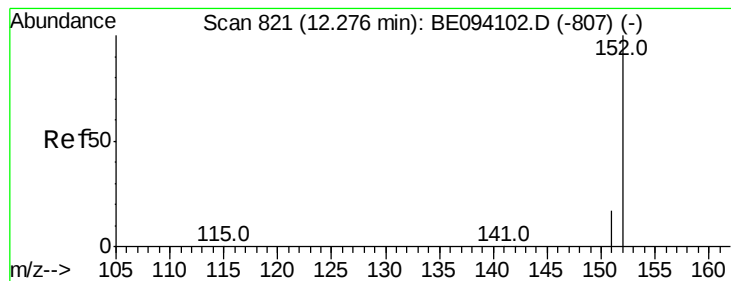
40

20

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.00 min

Lab File: BE094190.D

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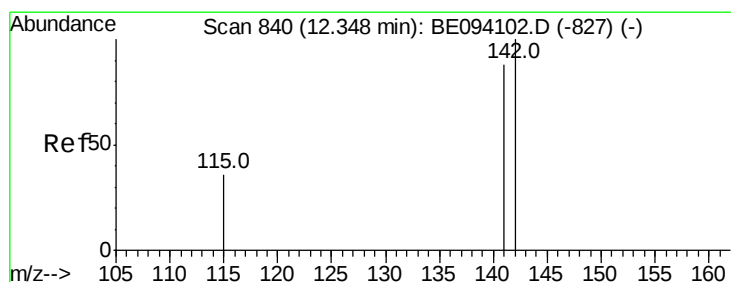
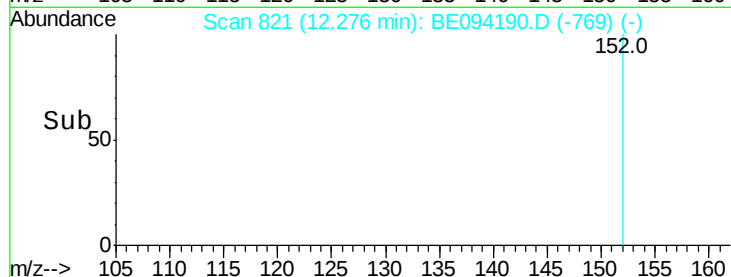
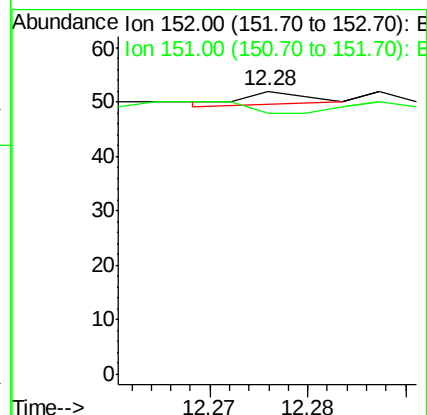
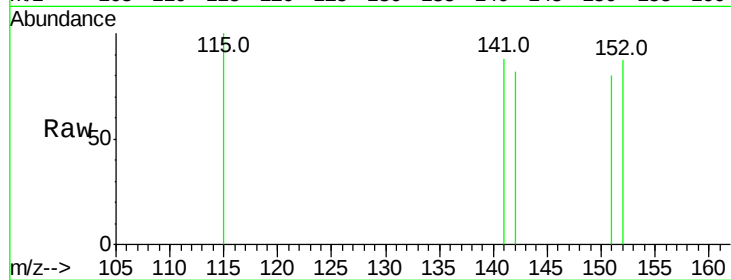
PAMT-COMP-C-D

Tot Ion:152 Resp: 1

Ion Ratio Lower Upper

152 100

151 100.0 15.4 23.0#



#12

2-Methylnaphthalene

Concen: 0.005 ng

RT: 12.35 min Scan# 840

Delta R.T. -0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

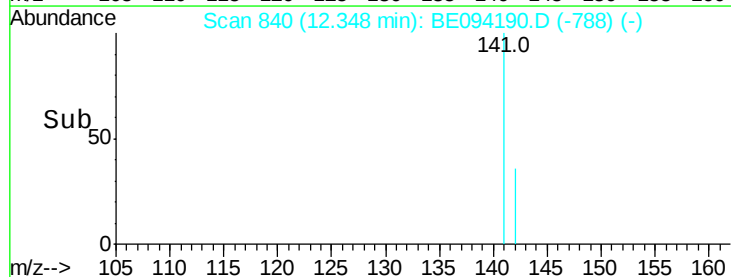
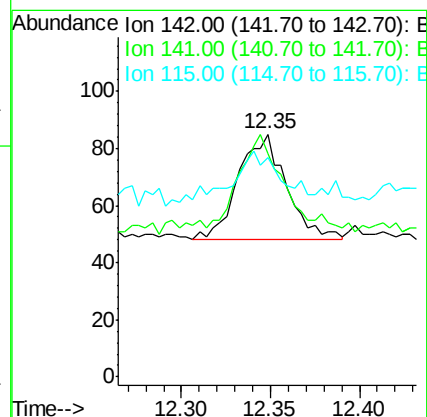
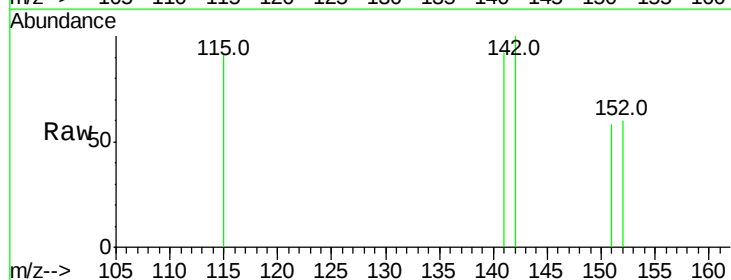
Tgt Ion:142 Resp: 69

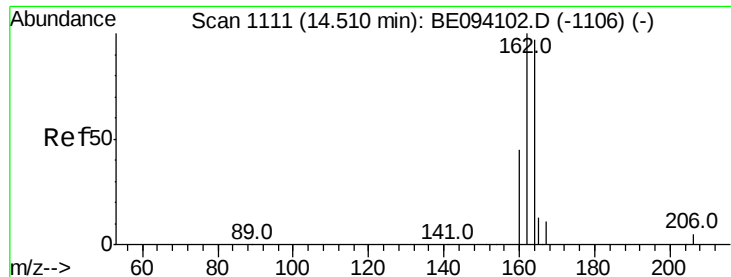
Ion Ratio Lower Upper

142 100

141 91.8 70.4 105.6

115 90.6 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: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

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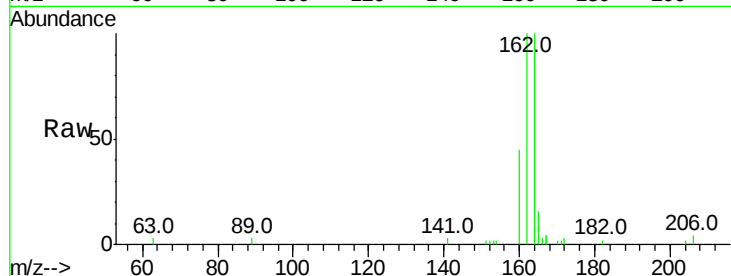
Tot Ion:164 Resp: 4493

Ion Ratio Lower Upper

164 100

162 100.4 83.1 124.7

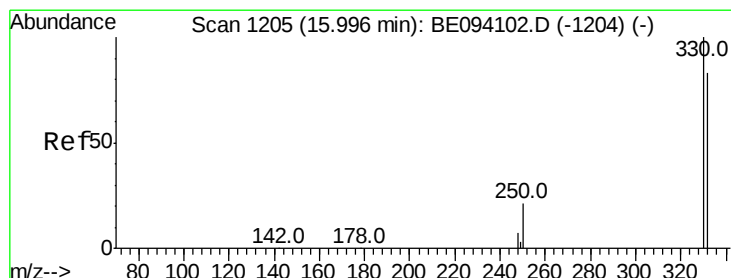
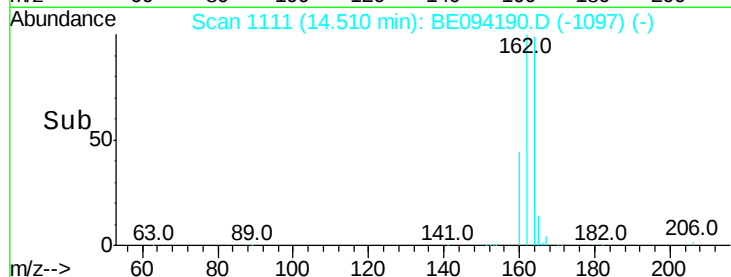
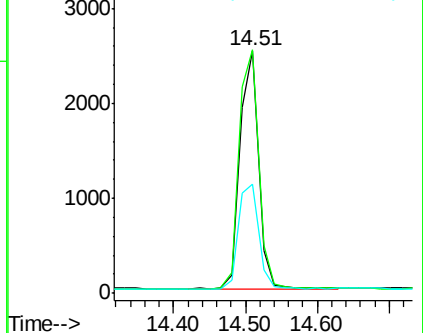
160 45.2 37.1 55.7



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: 64.520 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

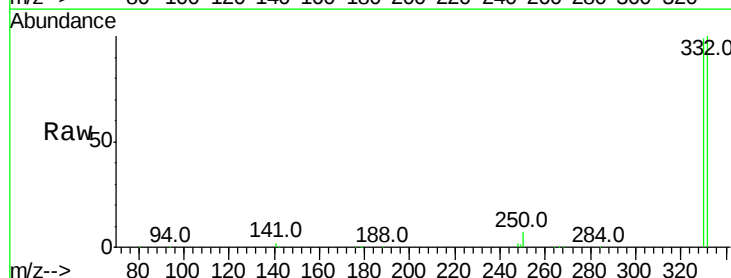
Tgt Ion:330 Resp: 126023

Ion Ratio Lower Upper

330 100

332 101.1 152.7 229.1#

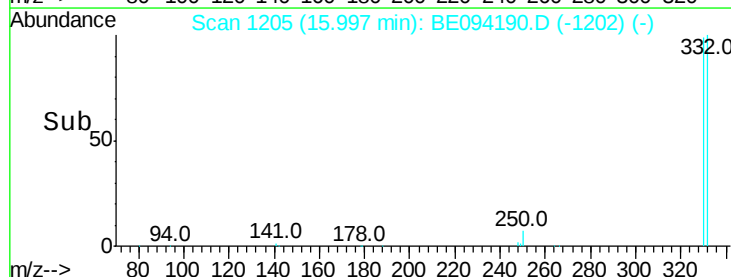
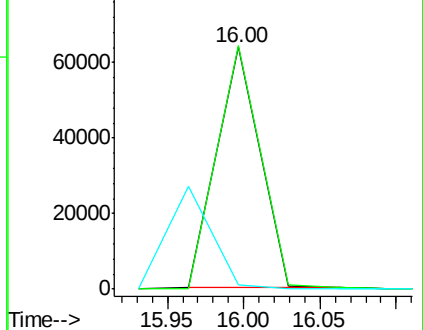
141 0.0 33.7 50.5#

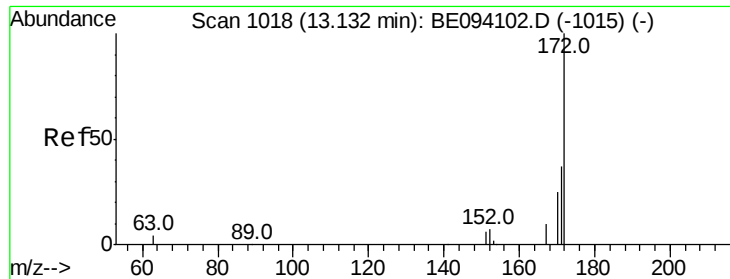


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

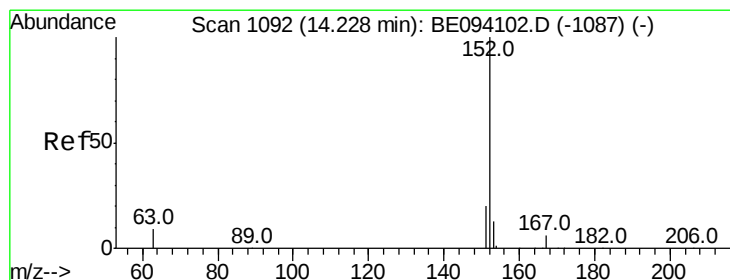
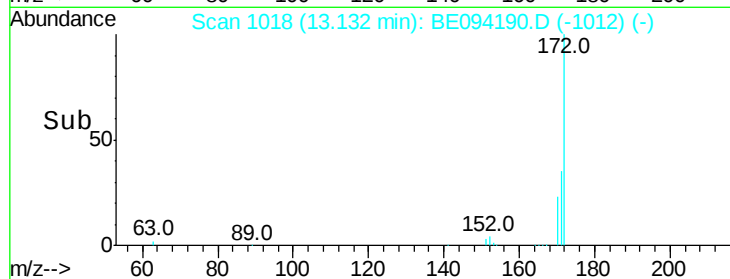
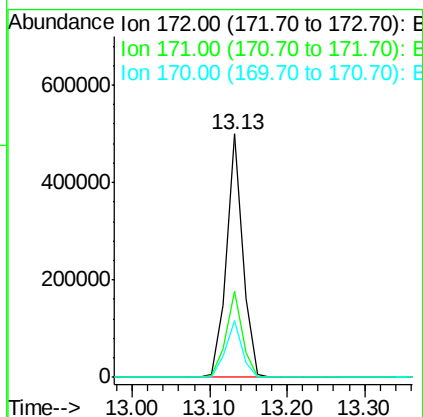
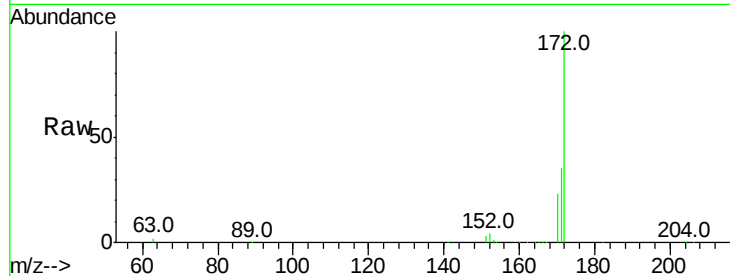




#15
 2-Fluorobiphenyl
 Concen: 47.676 ng
 RT: 13.13 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE094190.D
 Acq: 6 Oct 2017 21:52

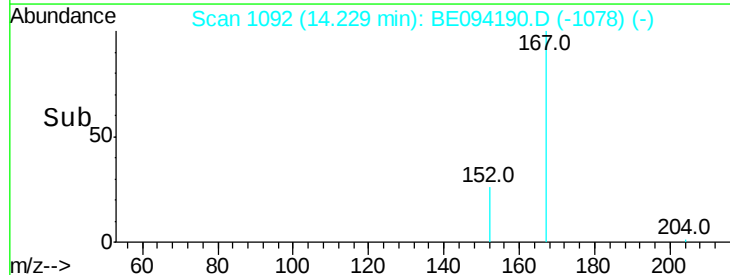
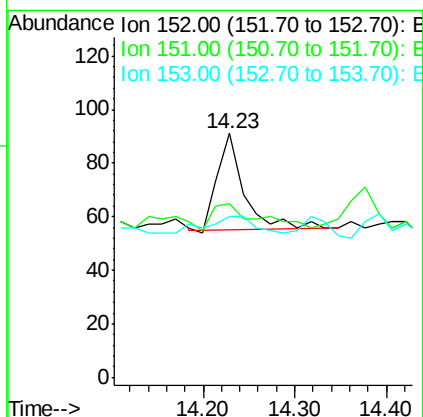
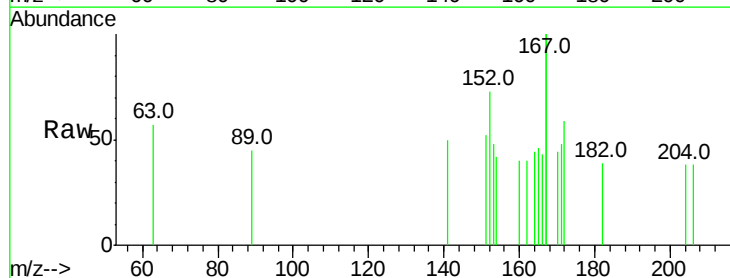
Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-C-D

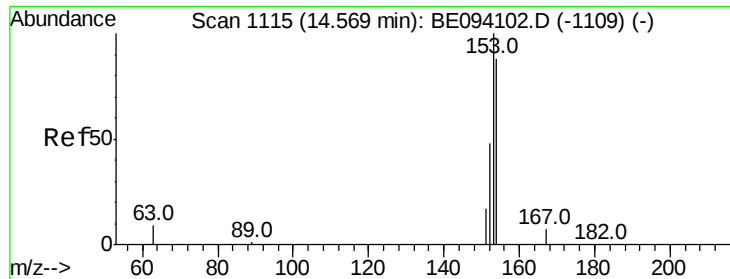
Tot Ion:172 Resp: 733811
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 23.4 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.003 ng
 RT: 14.23 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BE094190.D
 Acq: 6 Oct 2017 21:52

Tgt Ion:152 Resp: 70
 Ion Ratio Lower Upper
 152 100
 151 50.0 15.7 23.5#
 153 40.0 10.5 15.7#

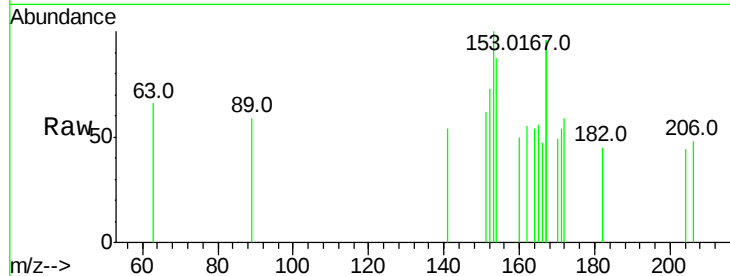




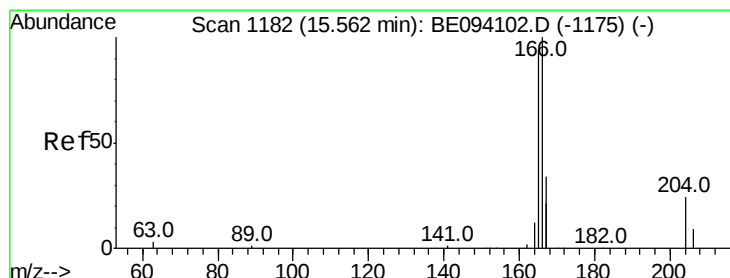
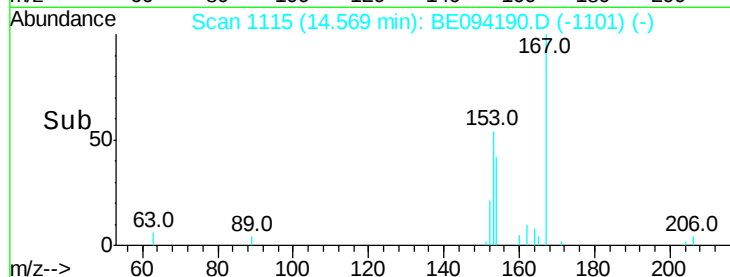
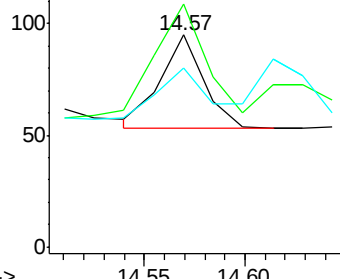
#17
Acenaphthene
Concen: 0.004 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tot Ion:154 Resp: 63
Ion Ratio Lower Upper
154 100
153 149.2 89.2 133.8#
152 68.3 42.0 63.0#

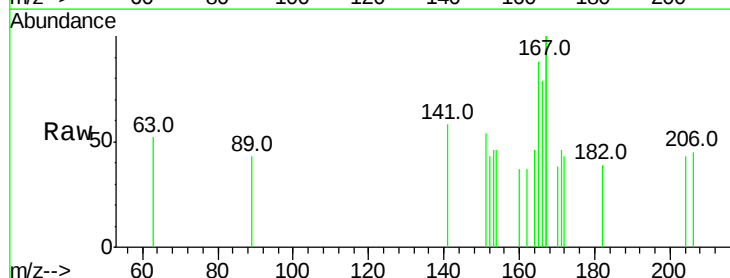


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

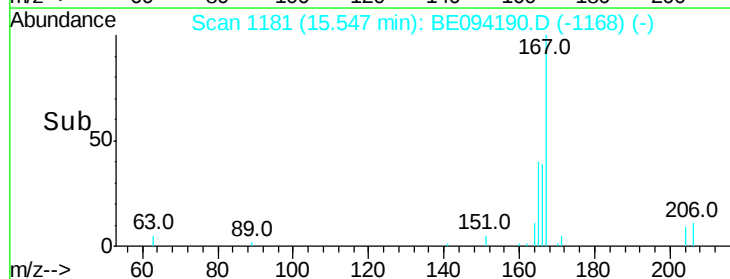
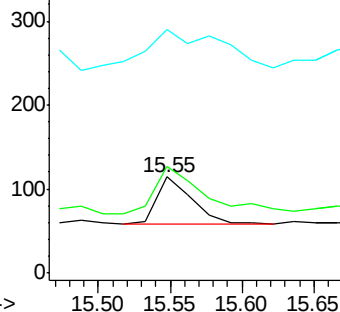


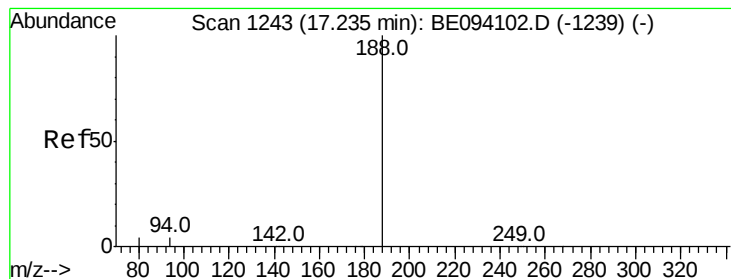
#18
Fluorene
Concen: 0.005 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:166 Resp: 98
Ion Ratio Lower Upper
166 100
165 142.9 77.8 116.6#
167 163.3 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: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

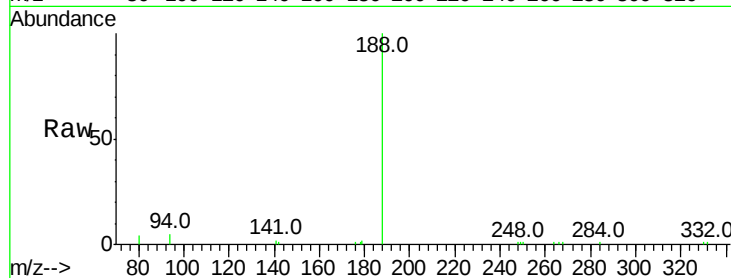
Tot Ion:188 Resp: 12287

Ion Ratio Lower Upper

188 100

94 4.5 3.9 5.9

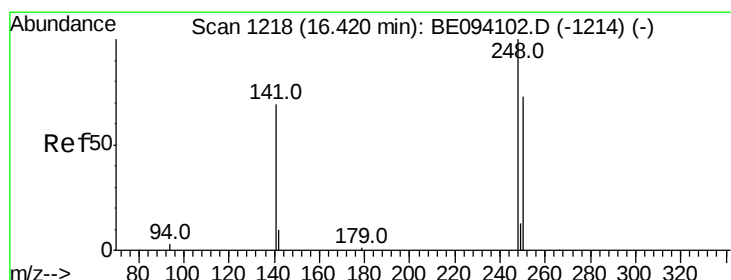
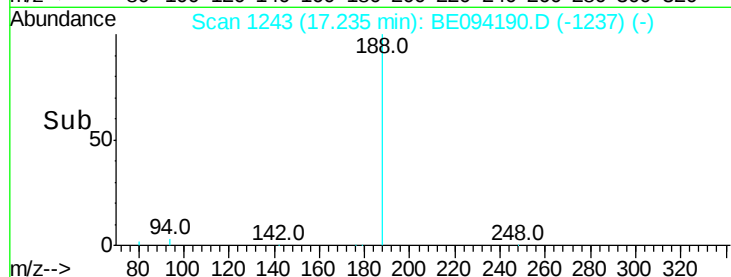
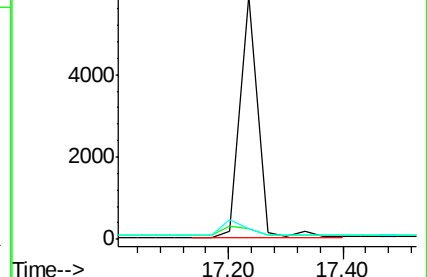
80 4.3 3.6 5.4



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: 0.003 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

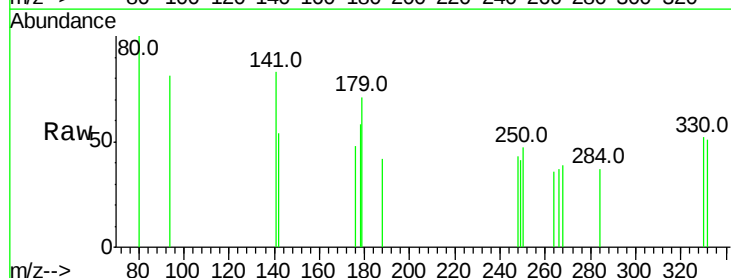
Tgt Ion:248 Resp: 20

Ion Ratio Lower Upper

248 100

250 109.4 62.7 94.1#

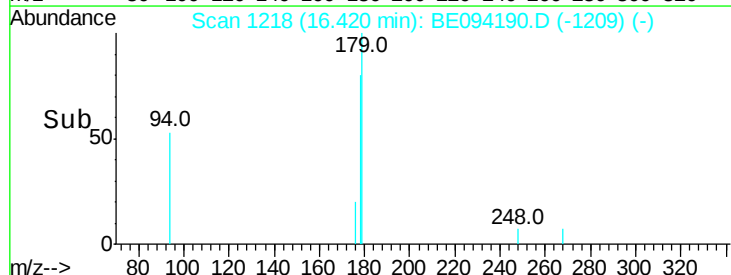
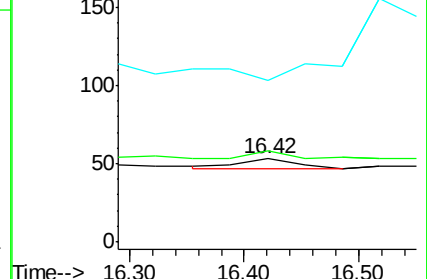
141 194.3 48.2 72.2#

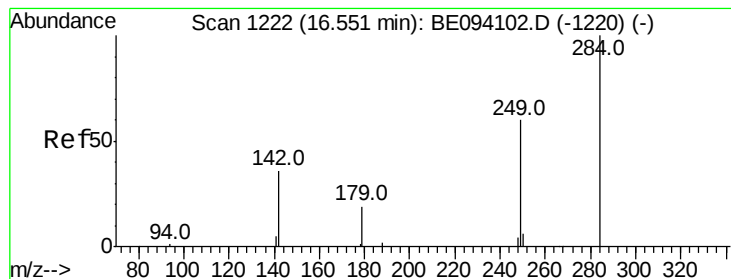


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

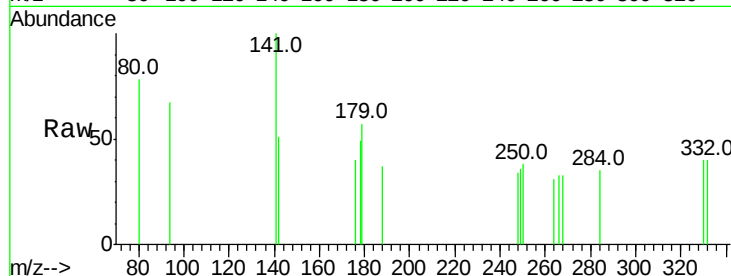
Tot Ion:284 Resp: 8

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

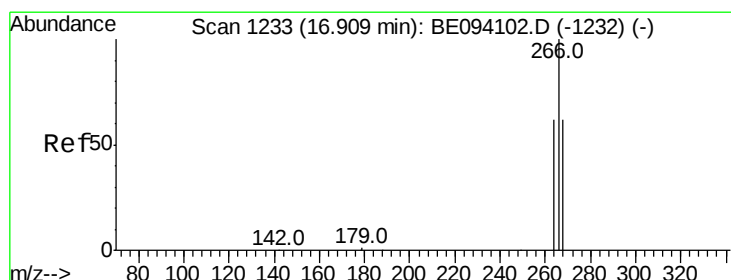
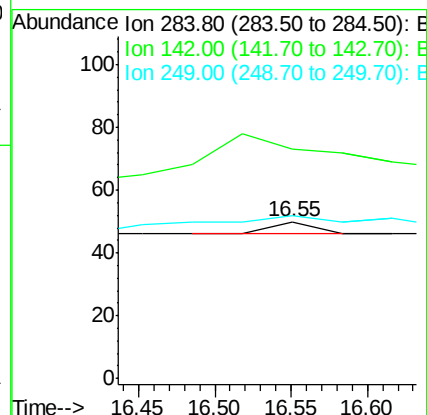
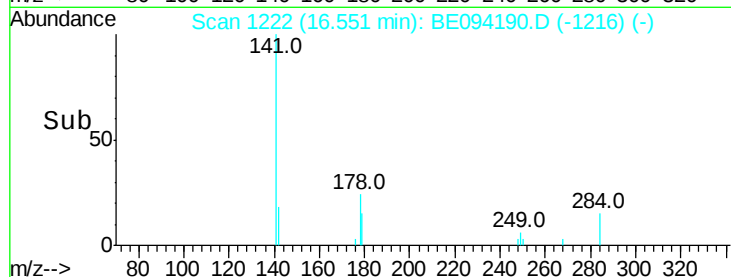
249 150.0 34.8 52.2#



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: 0.009 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

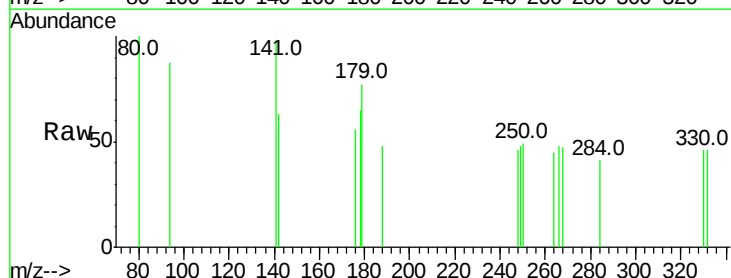
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 94.3 72.5 108.7

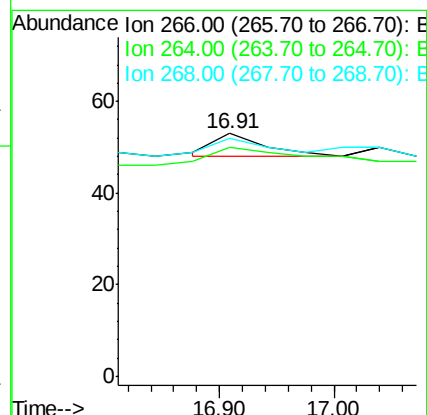
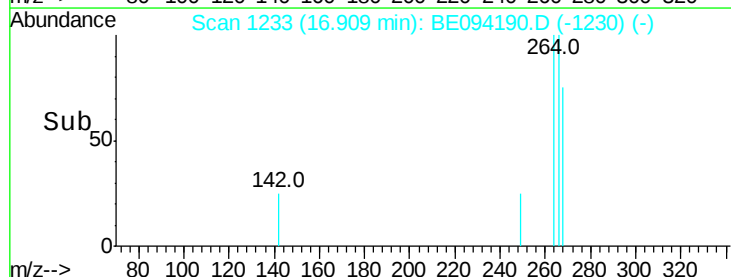
268 98.1 73.8 110.6

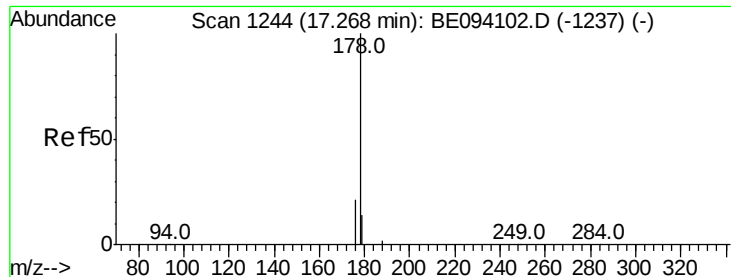


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.015 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

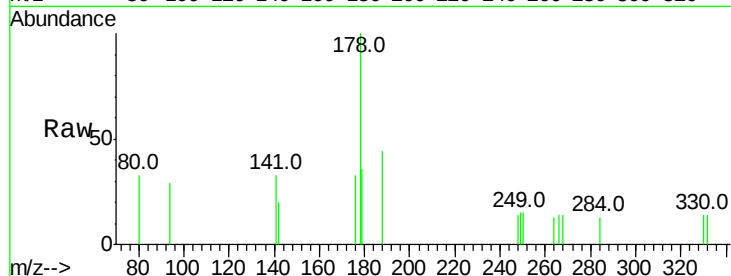
Tot Ion:178 Resp: 620

Ion Ratio Lower Upper

178 100

176 29.7 15.1 22.7#

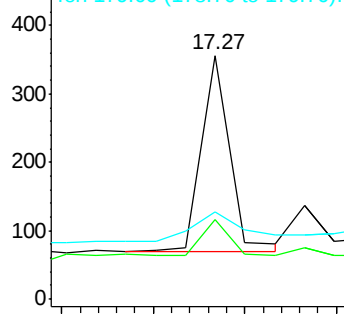
179 32.1 11.8 17.6#



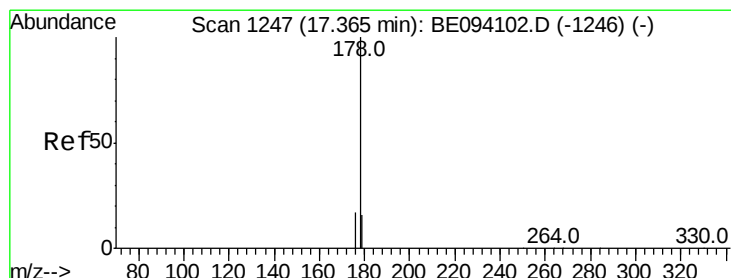
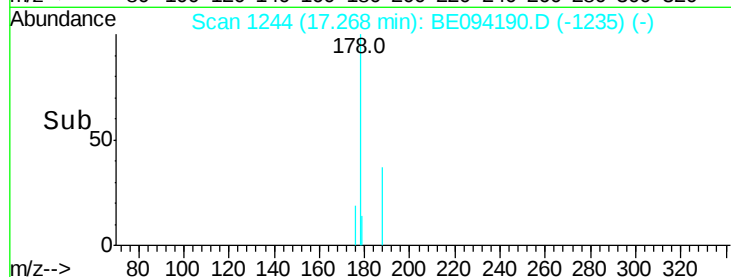
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.10 17.20 17.30



#24

Anthracene

Concen: 0.005 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

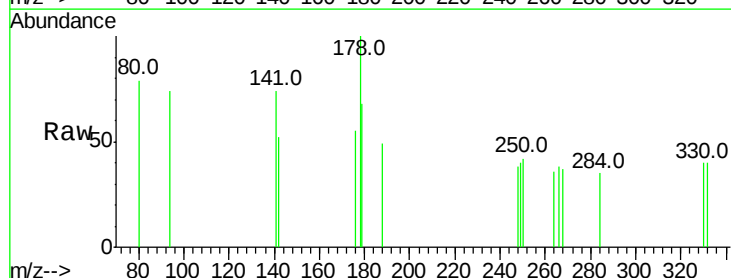
Tgt Ion:178 Resp: 149

Ion Ratio Lower Upper

178 100

176 15.4 12.8 19.2

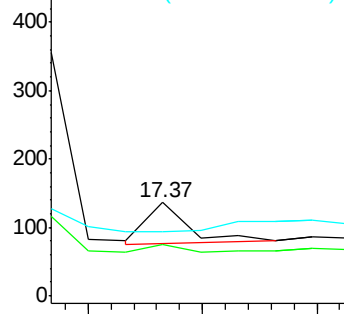
179 0.0 13.0 19.6#



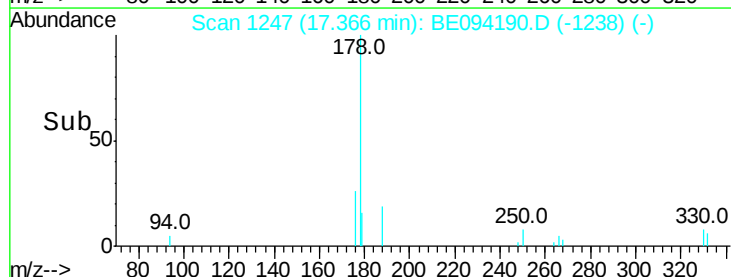
Abundance Ion 178.00 (177.70 to 178.70): E

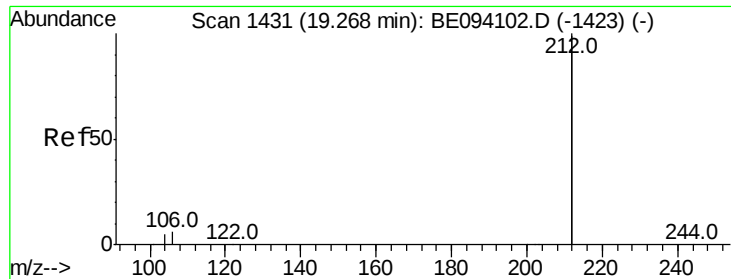
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.30 17.40 17.50





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.02 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

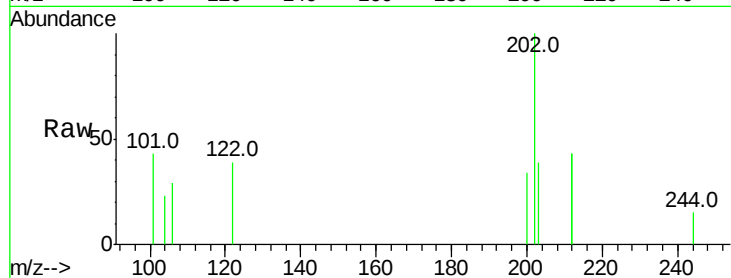
Tot Ion:212 Resp: 176

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

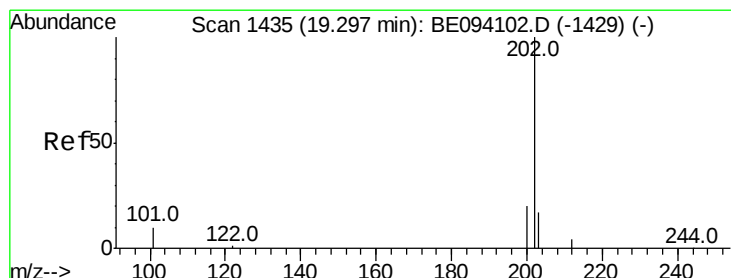
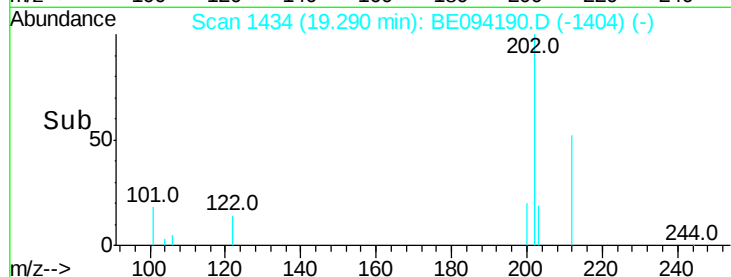
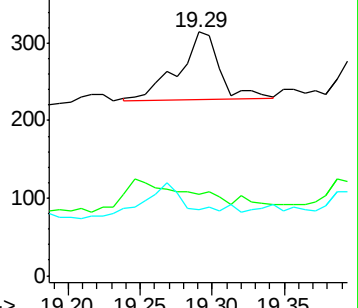
104 0.0 1.6 2.4#



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: 0.011 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

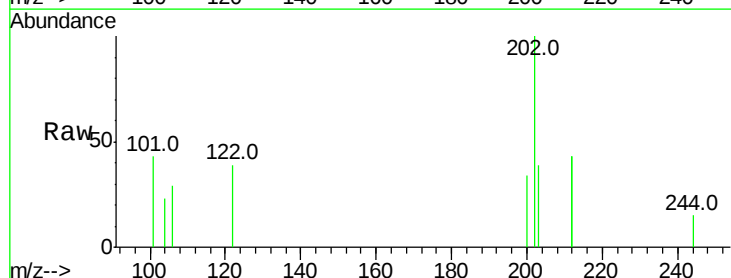
Tgt Ion:202 Resp: 421

Ion Ratio Lower Upper

202 100

101 97.9 9.8 14.8#

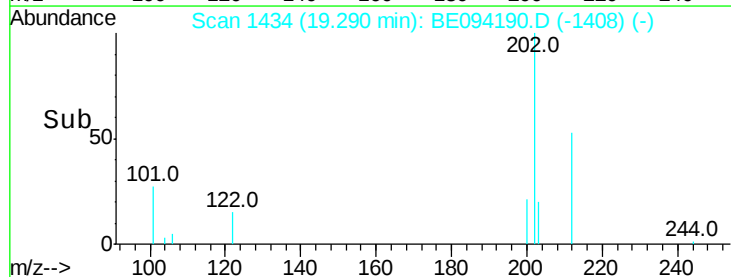
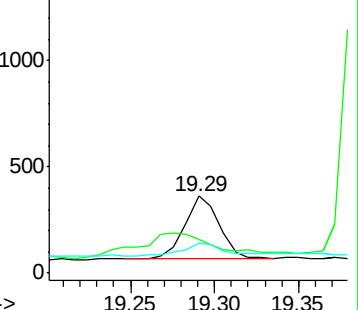
203 30.2 13.7 20.5#

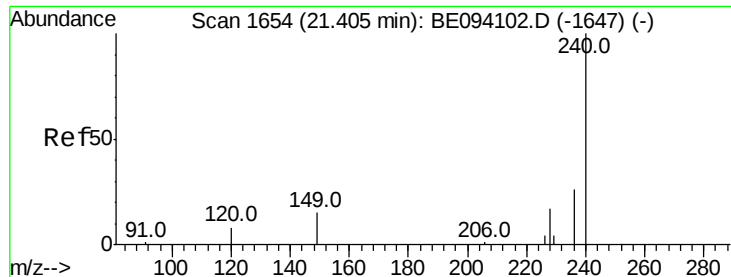


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

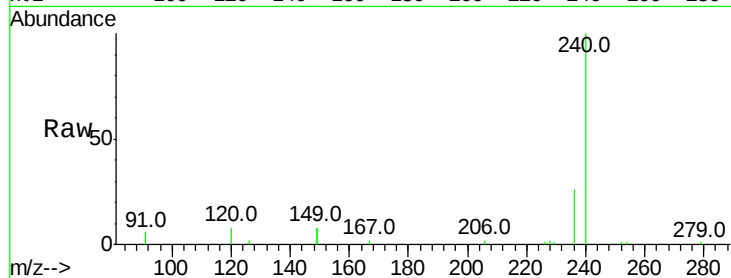
Tot Ion:240 Resp: 11100

Ion Ratio Lower Upper

240 100

120 8.1 5.5 8.3

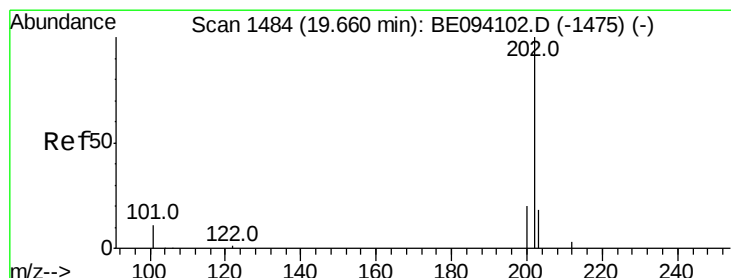
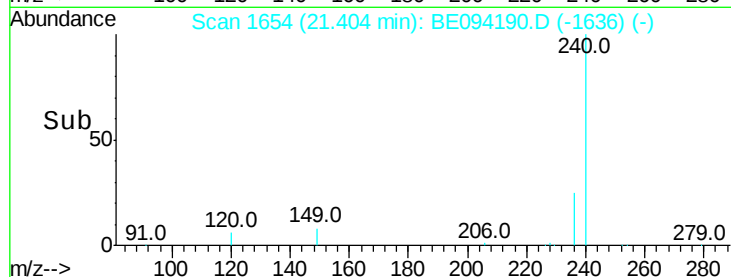
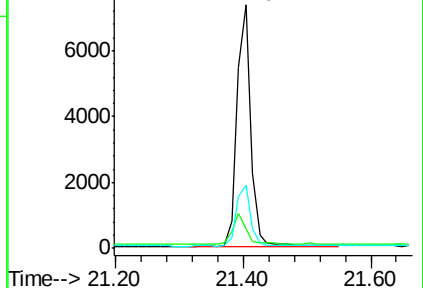
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.014 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

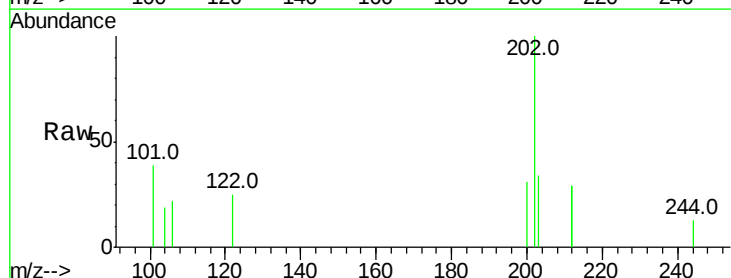
Tgt Ion:202 Resp: 534

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

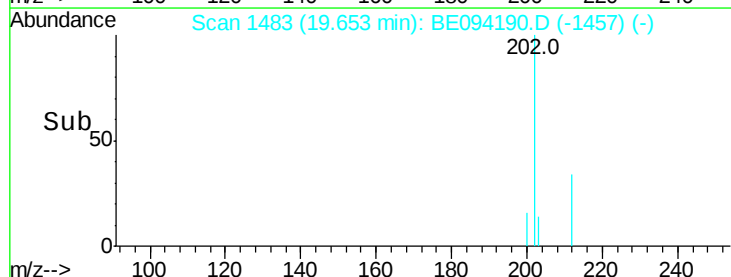
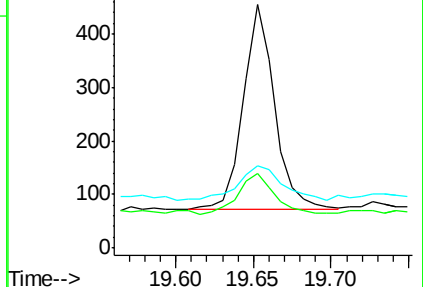
203 25.1 13.8 20.8#

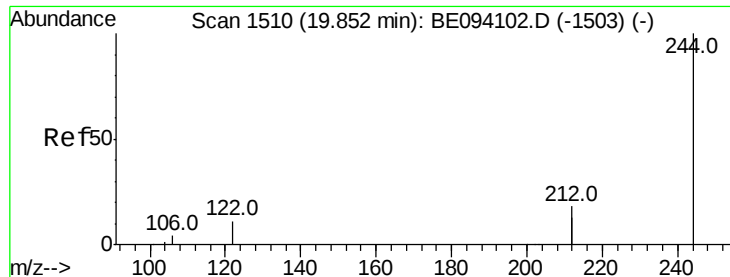


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 49.458 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

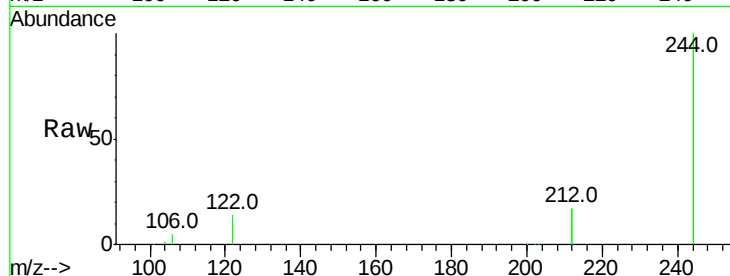
Tot Ion:244 Resp: 1036702

Ion Ratio Lower Upper

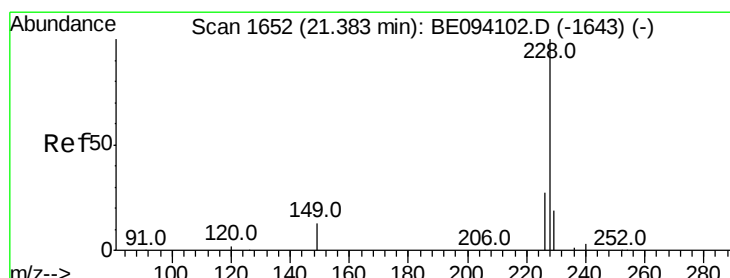
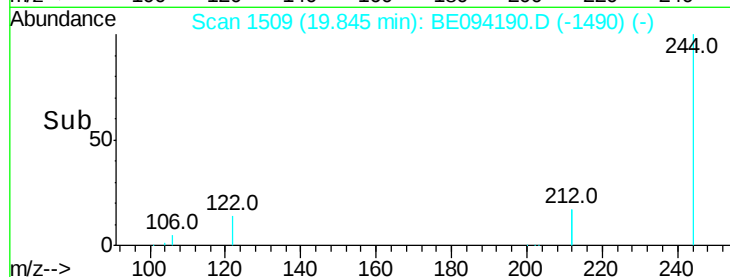
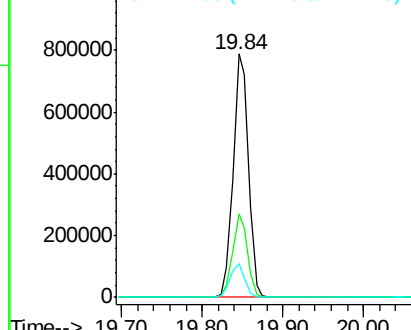
244 100

212 34.3 25.4 38.0

122 13.9 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: 0.006 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

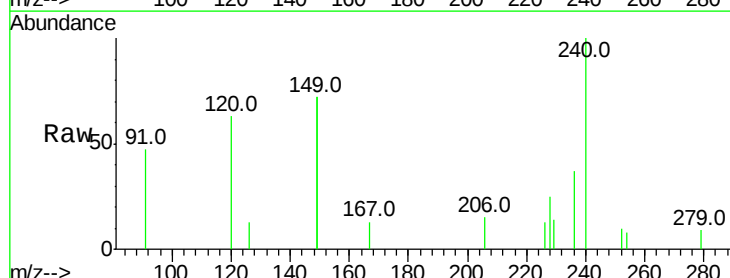
Tgt Ion:228 Resp: 230

Ion Ratio Lower Upper

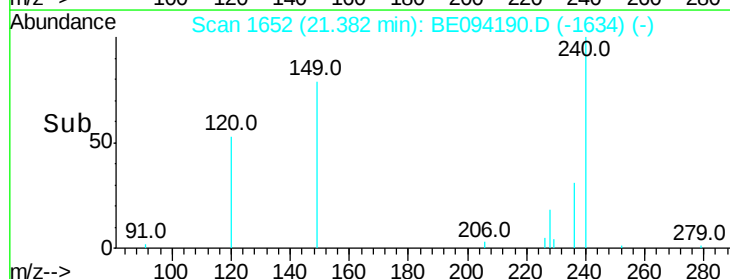
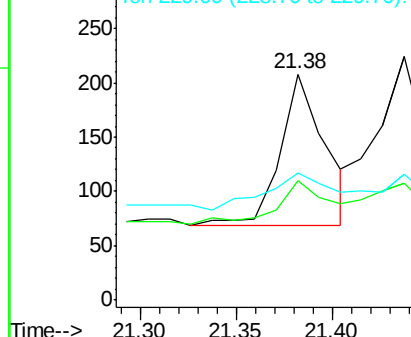
228 100

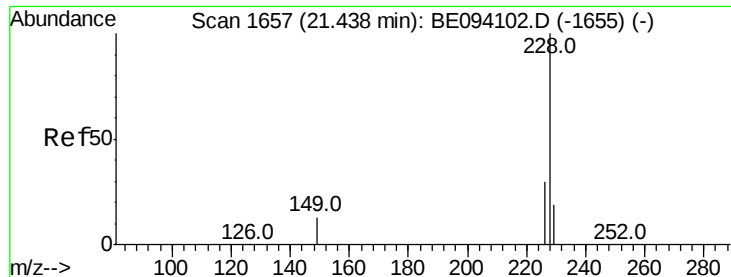
226 52.9 21.4 32.0#

229 56.3 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: 0.008 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

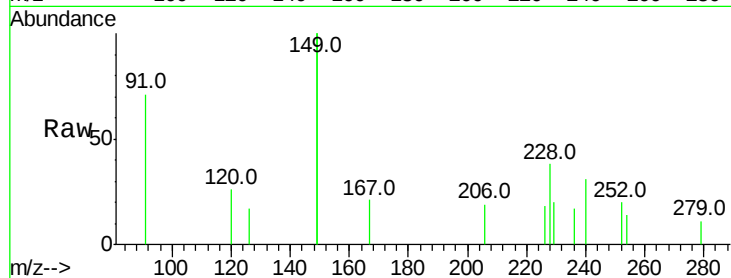
Tot Ion:228 Resp: 280

Ion Ratio Lower Upper

228 100

226 48.2 23.6 35.4#

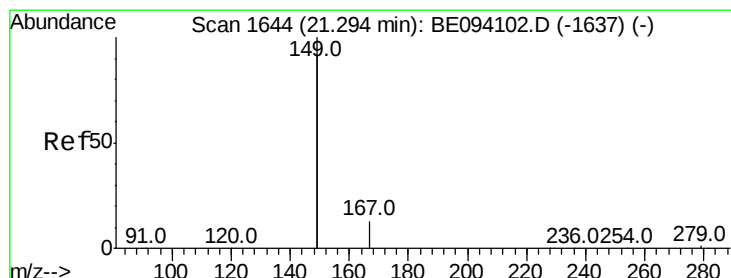
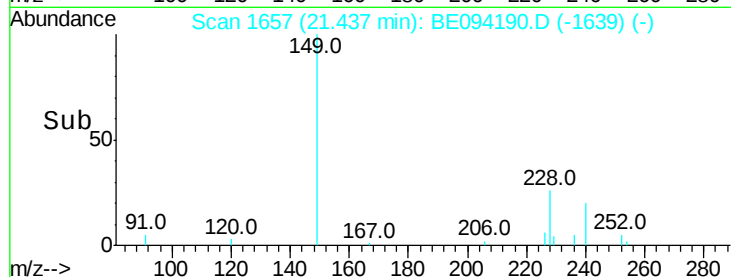
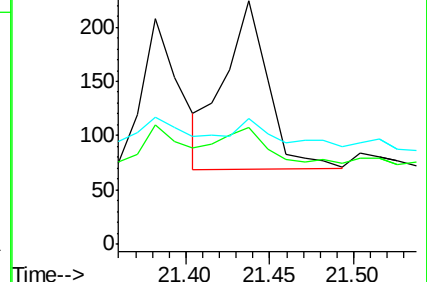
229 51.8 16.4 24.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.217 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

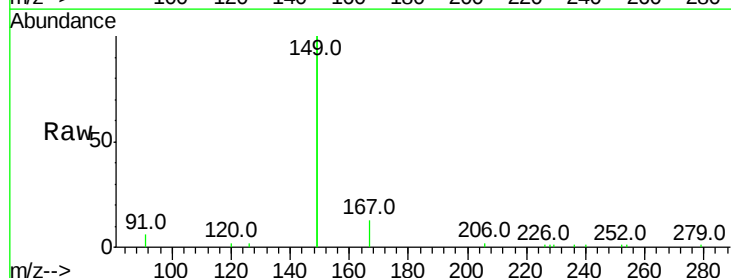
Tgt Ion:149 Resp: 18251

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

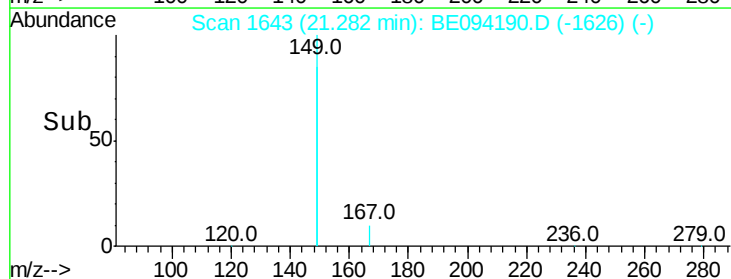
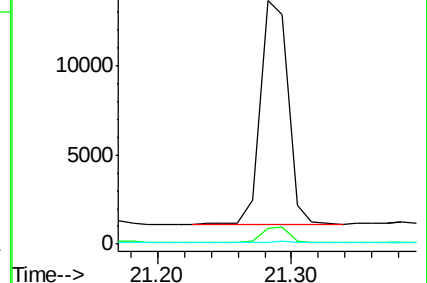
279 1.0 0.7 1.1

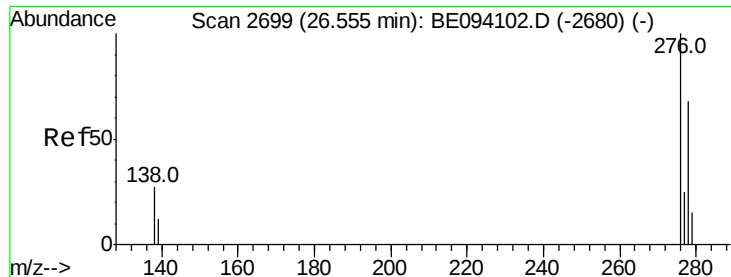


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.005 ng

RT: 26.56 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

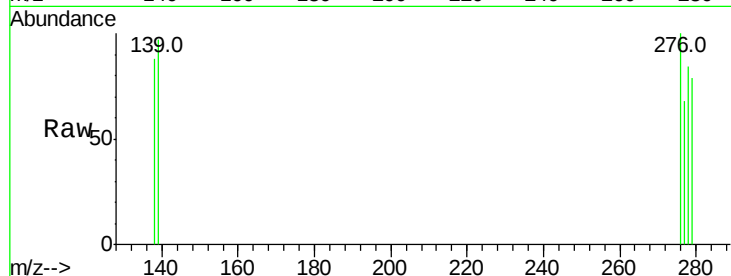
Tot Ion:276 Resp: 179

Ion Ratio Lower Upper

276 100

138 3.9 22.5 33.7#

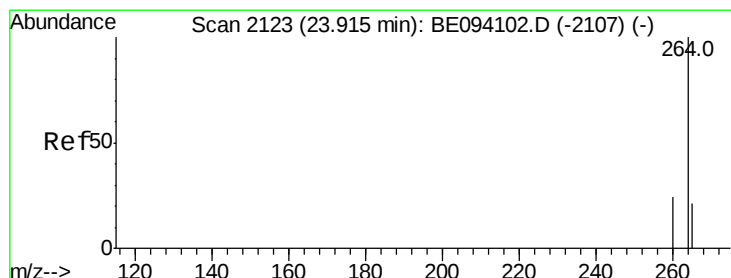
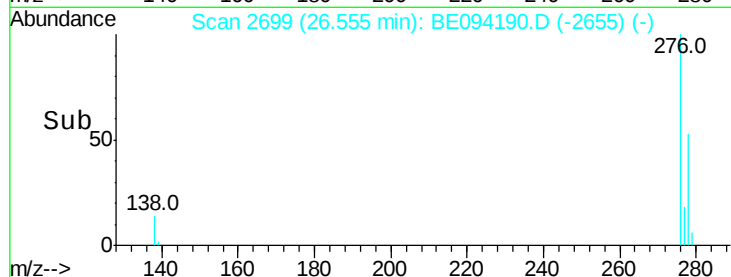
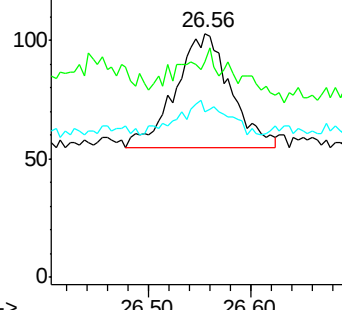
277 26.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

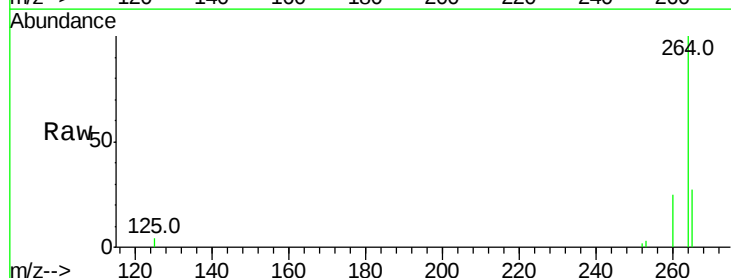
Tgt Ion:264 Resp: 10205

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

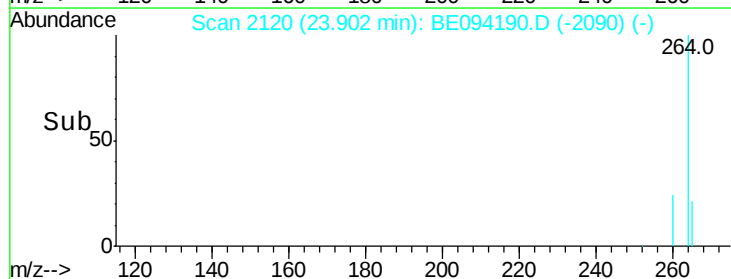
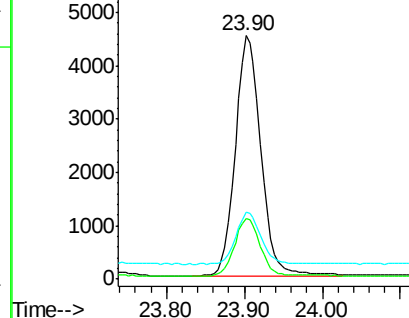
265 27.3 22.8 34.2

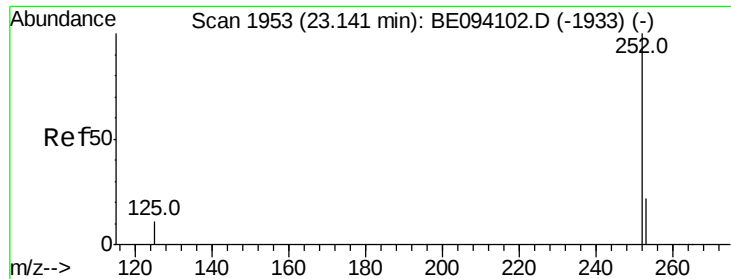


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

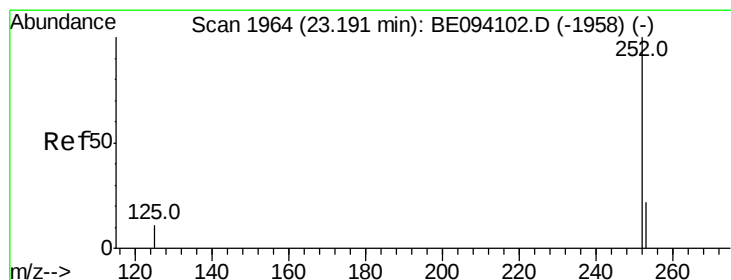
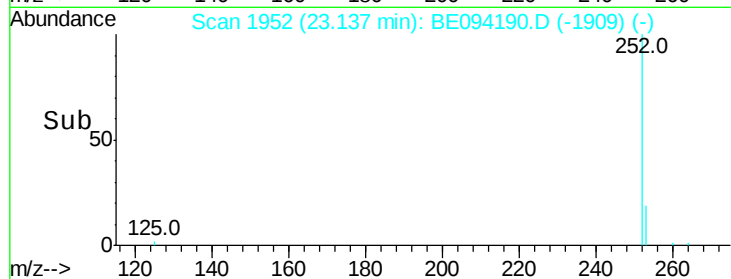
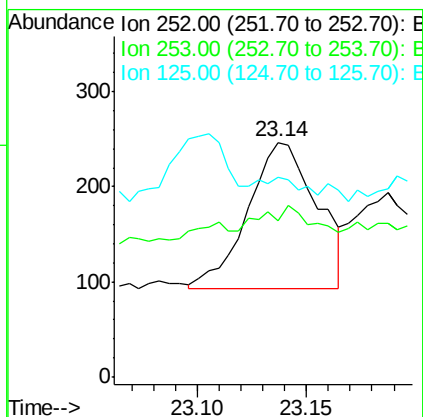
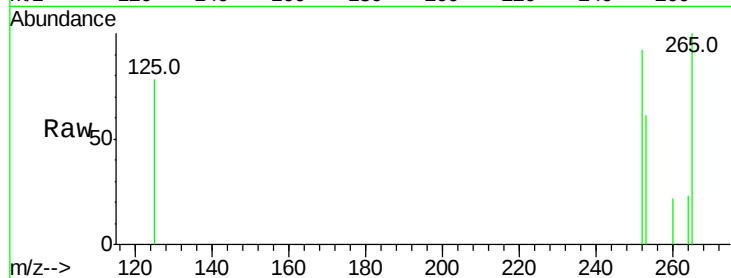
Tot Ion:252 Resp: 339

Ion Ratio Lower Upper

252 100

253 66.4 18.2 27.2#

125 85.0 10.1 15.1#



#36

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

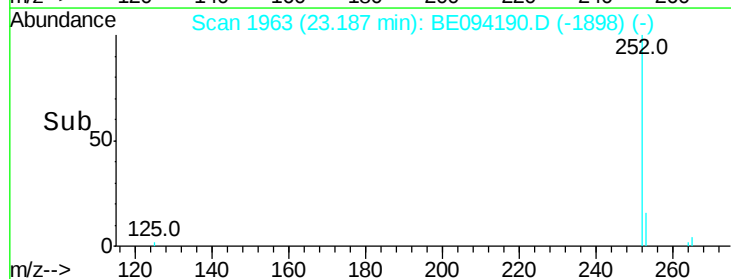
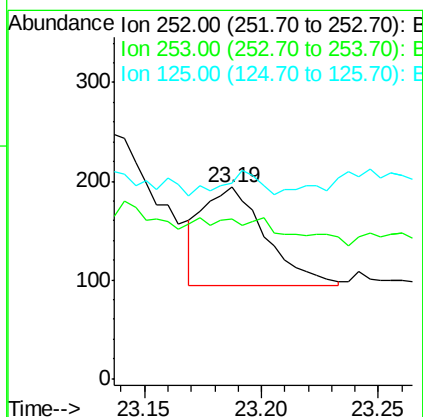
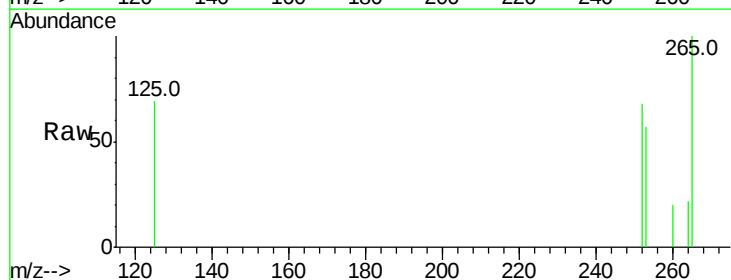
Tgt Ion:252 Resp: 187

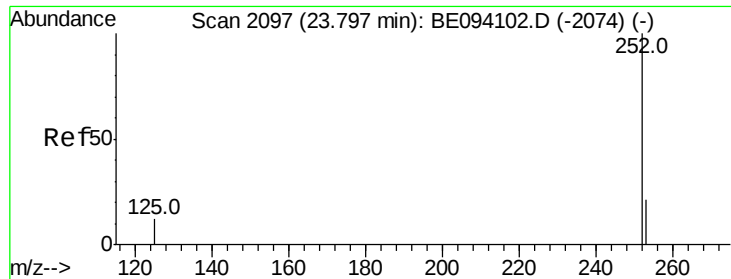
Ion Ratio Lower Upper

252 100

253 83.5 18.6 27.8#

125 102.1 10.7 16.1#





#37

Benzo(a)pyrene

Concen: 0.005 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D

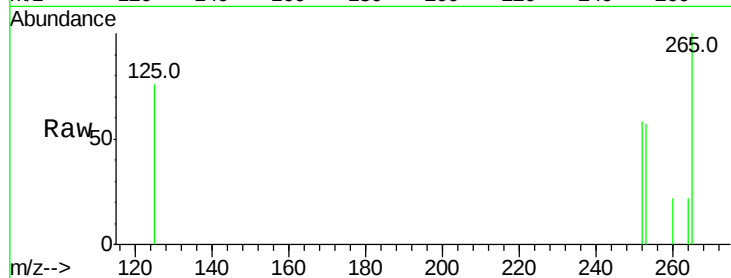
Tot Ion:252 Resp: 167

Ion Ratio Lower Upper

252 100

253 98.2 19.0 28.6#

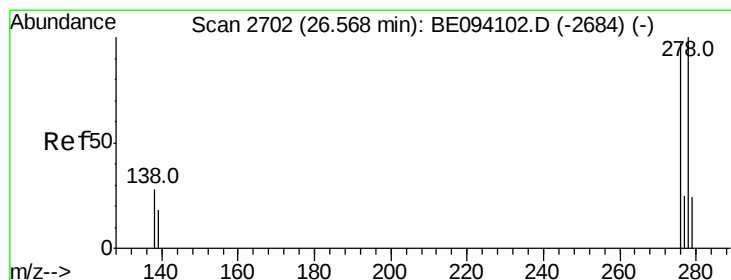
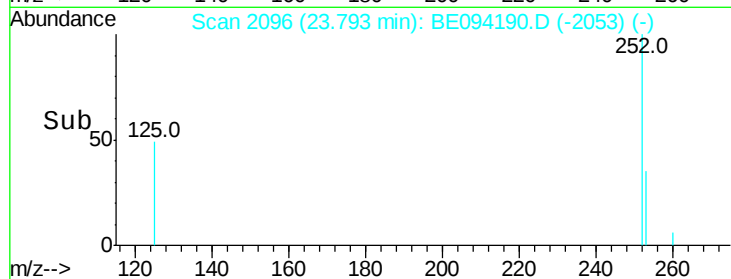
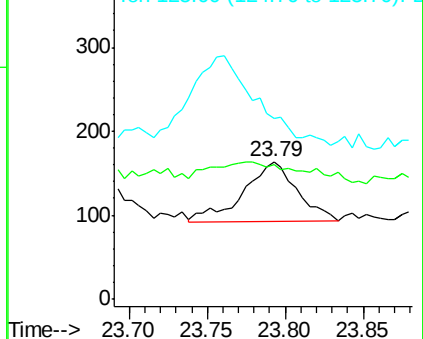
125 131.1 11.8 17.8#



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: 0.005 ng

RT: 26.57 min Scan# 2702

Delta R.T. 0.00 min

Lab File: BE094190.D

Acq: 6 Oct 2017 21:52

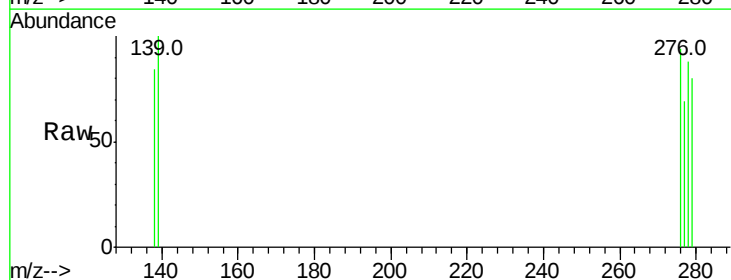
Tgt Ion:278 Resp: 139

Ion Ratio Lower Upper

278 100

139 113.5 16.3 24.5#

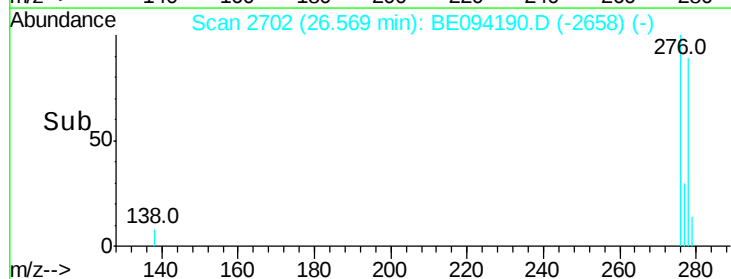
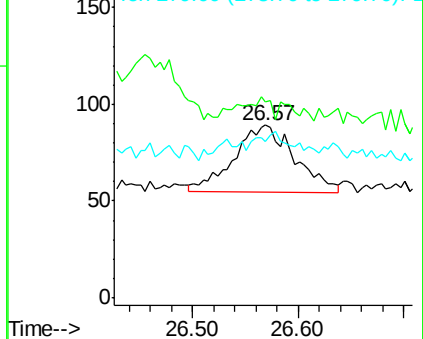
279 91.0 19.9 29.9#

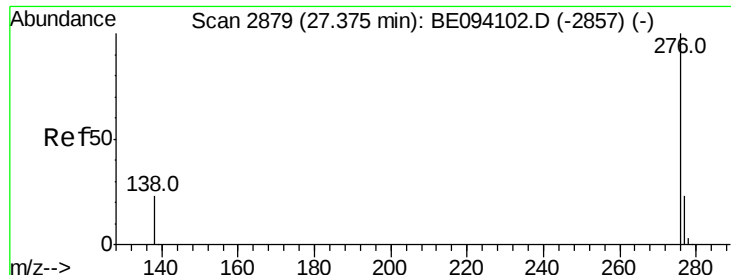


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.005 ng

RT: 27.37 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BE094190.D

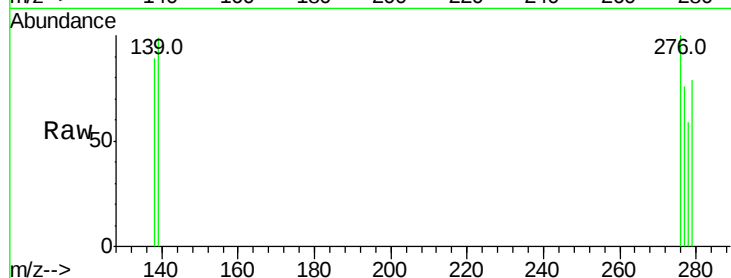
Acq: 6 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-D



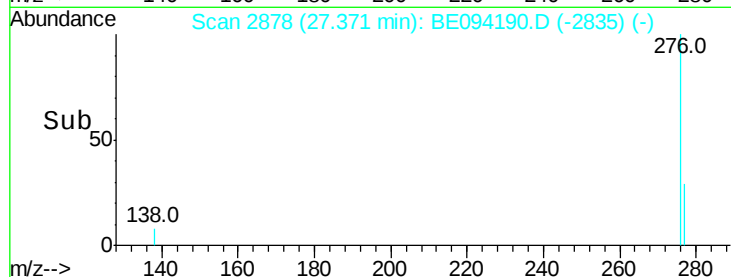
Tot Ion:276 Resp: 147

Ion Ratio Lower Upper

276 100

277 75.8 20.8 31.2#

138 89.5 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

Time-->