

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094187.D
 Acq On : 6 Oct 2017 20:02
 Operator : SJ/JU
 Sample : I5571-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-CMS

Quant Time: Oct 07 01:13:53 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	7.90	152	1585	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8196	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4841	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	10693	0.40	ng	0.00
27) Chrysene-d12	21.39	240	11728	0.40	ng	-0.01
34) Perylene-d12	23.90	264	10561	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	14561	2.76	ng	0.00
5) Phenol-d6	7.09	99	18318	2.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	57421	8.41	ng	-0.02
11) 2-Methylnaphthalene-d10	12.22	152	467	0.04	ng	-0.05
14) 2,4,6-Tribromophenol	16.00	330	8249	3.92	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	115454	6.96	ng	0.00
25) Fluoranthene-d10	19.27	212	37	0.00	ng	0.00
29) Terphenyl-d14	19.84	244	119840	5.41	ng	0.00

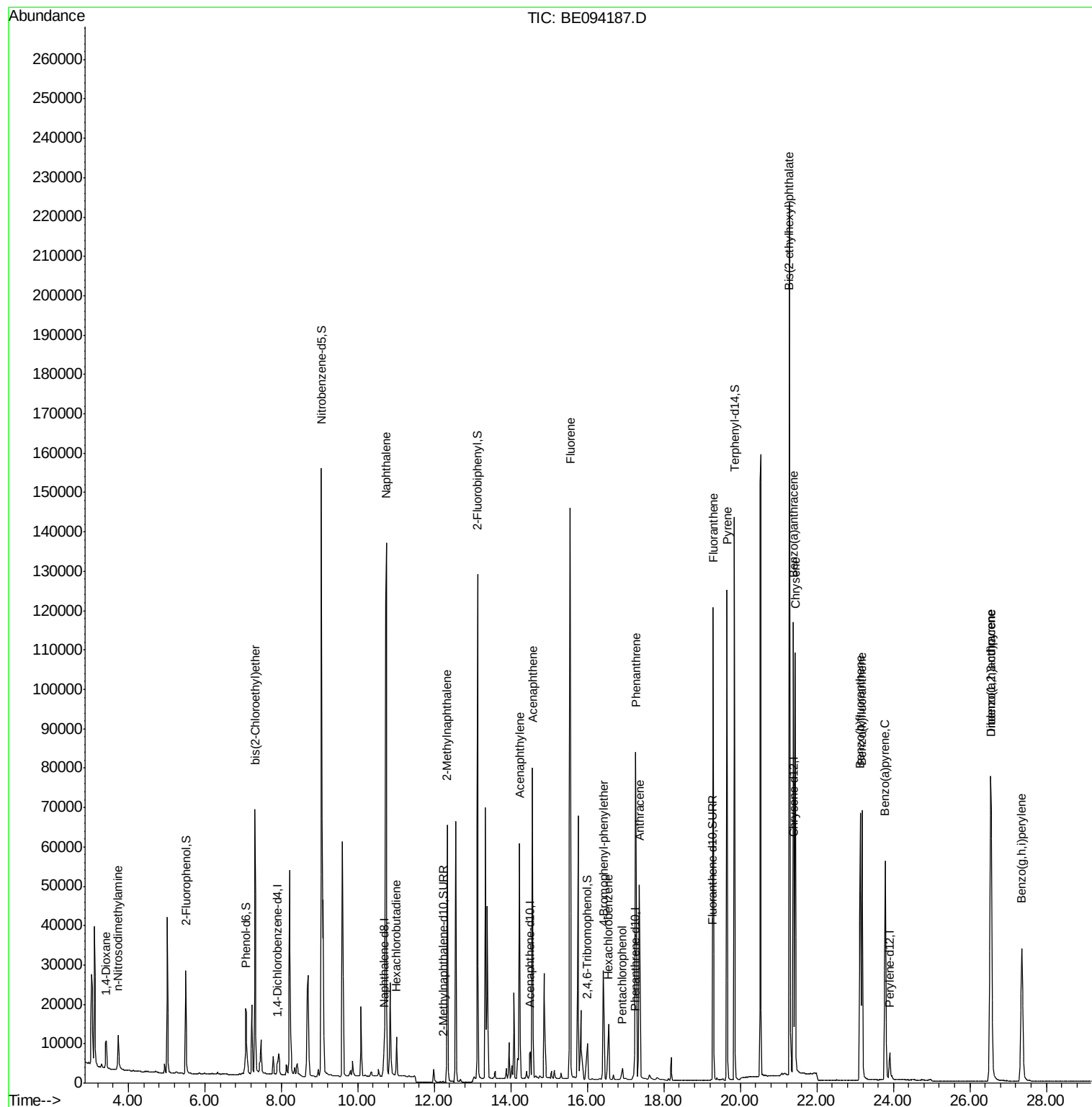
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	5547	1.931	ng	# 84
3) n-Nitrosodimethylamine	3.73	42	7127	2.314	ng	# 93
6) bis(2-Chloroethyl)ether	7.31	93	21790	3.506	ng	90
9) Naphthalene	10.74	128	268381	2.908	ng	99
10) Hexachlorobutadiene	11.01	225	7951	2.270	ng	97
12) 2-Methylnaphthalene	12.34	142	46366	3.058	ng	98
16) Acenaphthylene	14.23	152	77693	3.169	ng	100
17) Acenaphthene	14.57	154	46504	2.872	ng	98
18) Fluorene	15.55	166	61580	2.903	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	22095	3.586	ng	# 62
21) Hexachlorobenzene	16.55	284	19280	3.483	ng	# 63
22) Pentachlorophenol	16.91	266	2581	1.721	ng	# 73
23) Phenanthrene	17.27	178	130917	3.532	ng	98
24) Anthracene	17.37	178	74300	2.629	ng	96
26) Fluoranthene	19.29	202	108033	3.324	ng	100
28) Pyrene	19.65	202	113064	2.803	ng	99
30) Benzo(a)anthracene	21.38	228	103600	2.688	ng	99
31) Chrysene	21.44	228	101375	2.666	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	272708	3.073	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	103056	2.730	ng	100
35) Benzo(b)fluoranthene	23.13	252	96448	2.715	ng	98
36) Benzo(k)fluoranthene	23.18	252	98638	2.732	ng	97
37) Benzo(a)pyrene	23.79	252	92739	2.762	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	86735	2.787	ng	97
39) Benzo(g,h,i)perylene	27.36	276	85962	2.704	ng	95

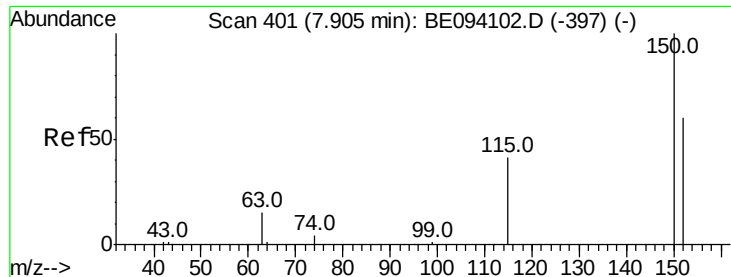
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

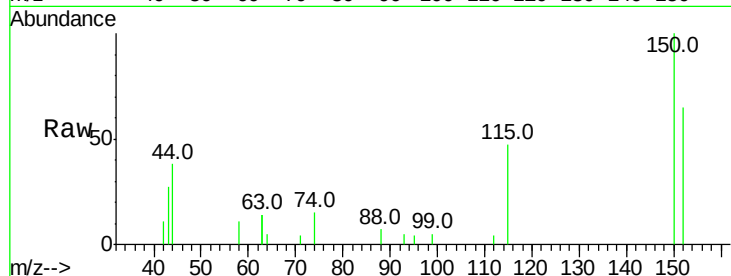
Tot Ion:152 Resp: 1585

Ion Ratio Lower Upper

152 100

150 153.0 117.2 175.8

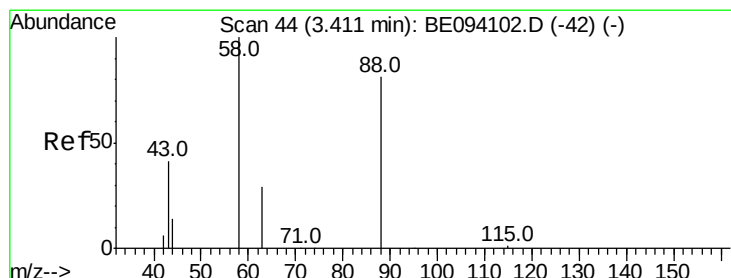
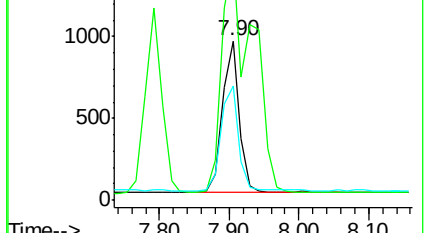
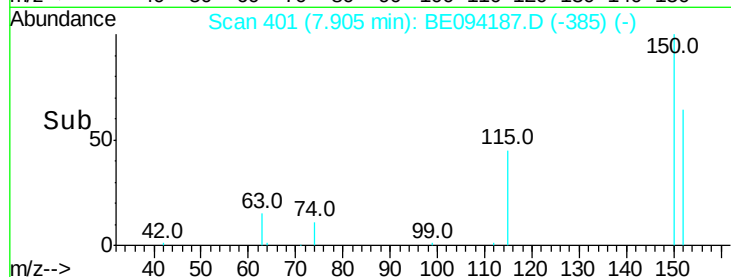
115 72.1 57.0 85.6



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: 1.931 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

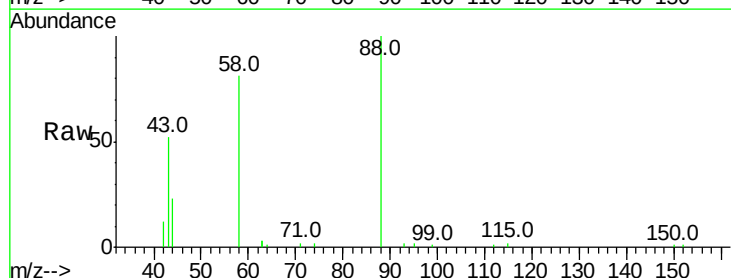
Tgt Ion: 88 Resp: 5547

Ion Ratio Lower Upper

88 100

58 96.1 63.2 94.8#

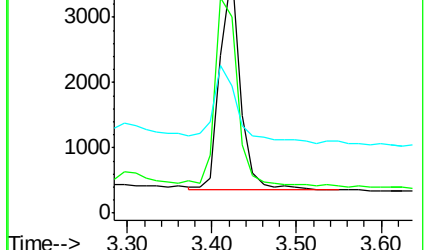
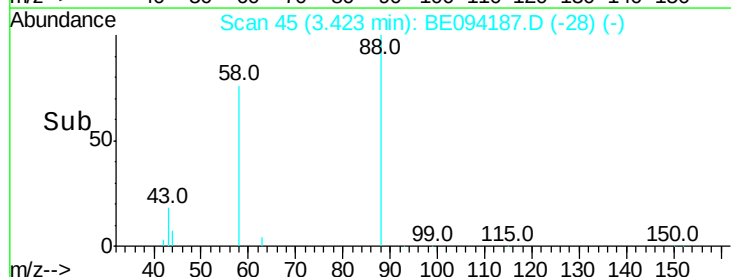
43 43.4 41.2 61.8

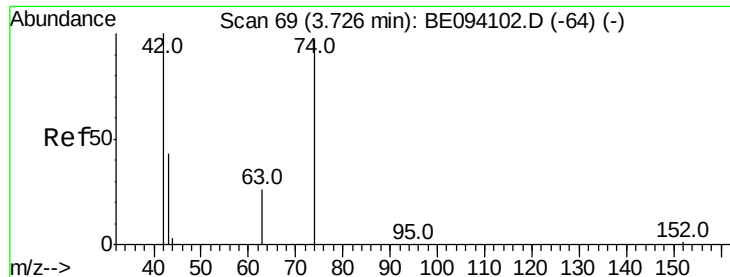


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



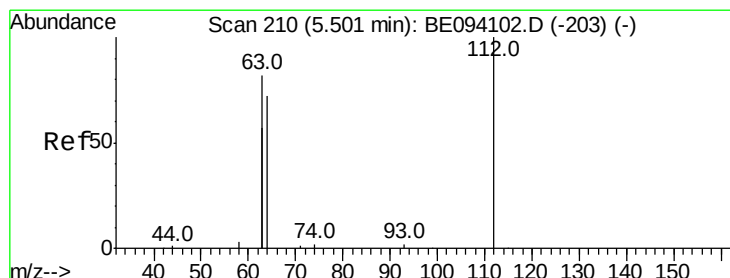
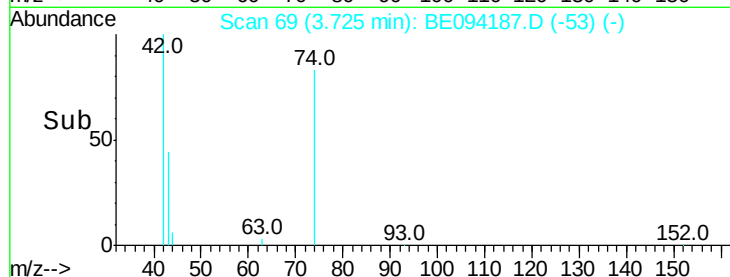
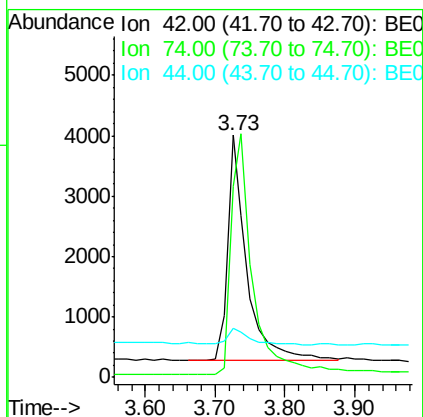
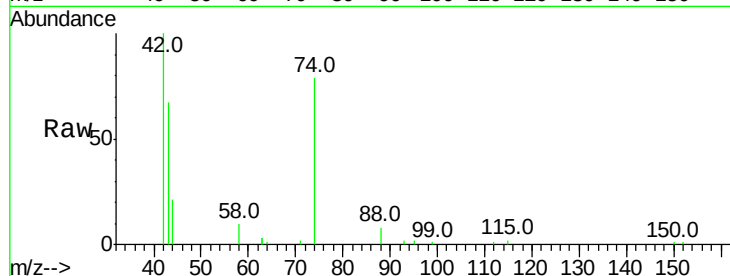


#3

n-Nitrosodimethylamine
 Concen: 2.314 ng
 RT: 3.73 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: BE094187.D
 Acq: 6 Oct 2017 20:02

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-CMS

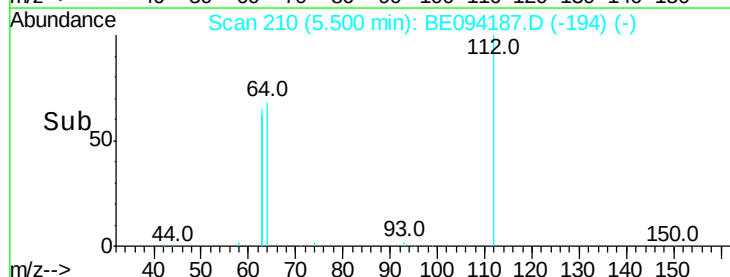
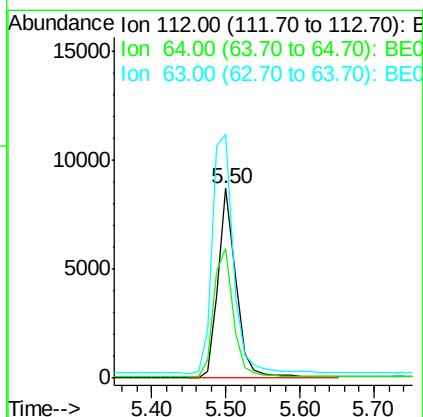
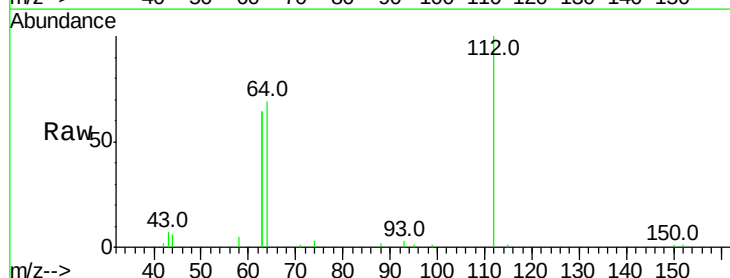
Tot Ion: 42 Resp: 7127
 Ion Ratio Lower Upper
 42 100
 74 121.5 100.3 150.5
 44 8.5 17.0 25.4#

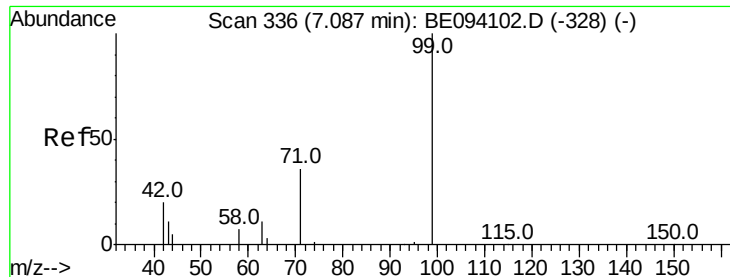


#4

2-Fluorophenol
 Concen: 2.757 ng
 RT: 5.50 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BE094187.D
 Acq: 6 Oct 2017 20:02

Tgt Ion: 112 Resp: 14561
 Ion Ratio Lower Upper
 112 100
 64 75.6 60.1 90.1
 63 149.8 116.8 175.2





#5

Phenol-d6

Concen: 2.392 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

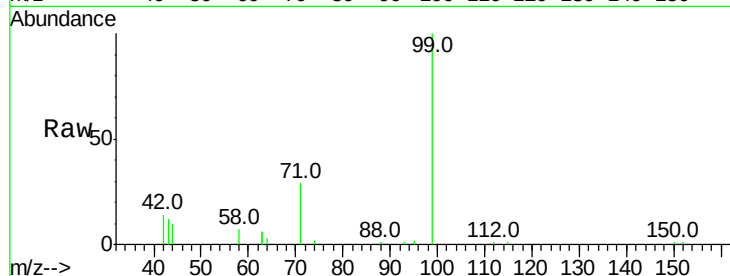
Tot Ion: 99 Resp: 18318

Ion Ratio Lower Upper

99 100

42 21.4 20.2 30.2

71 35.8 28.4 42.6

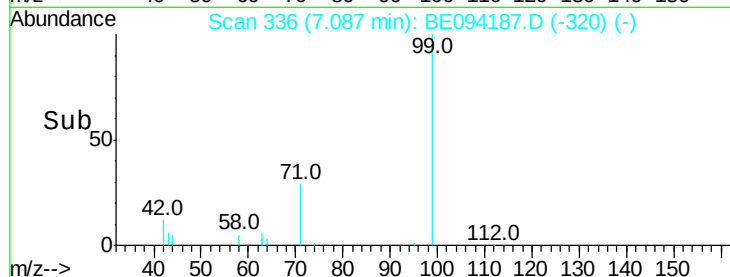


Abundance Ion 99.00 (98.70 to 99.70): BE0

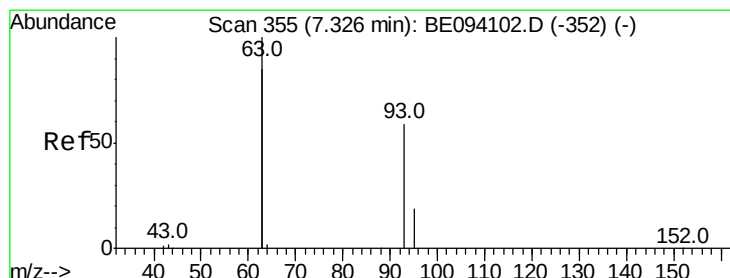
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 3.506 ng

RT: 7.31 min Scan# 354

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

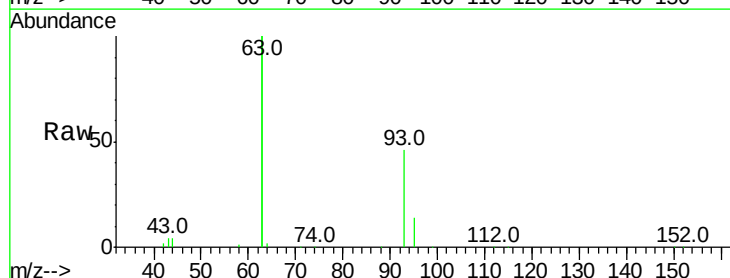
Tgt Ion: 93 Resp: 21790

Ion Ratio Lower Upper

93 100

63 367.3 275.3 412.9

95 32.5 25.2 37.8

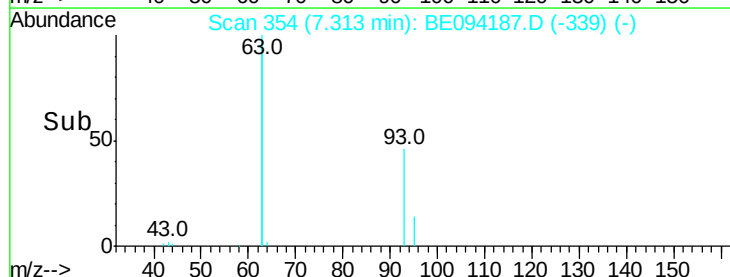


Abundance Ion 93.00 (92.70 to 93.70): BE0

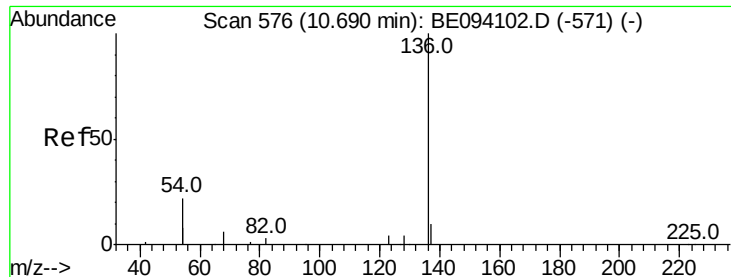
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

Tot Ion:136 Resp: 8196

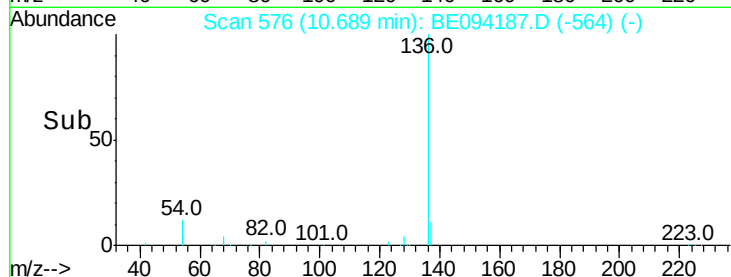
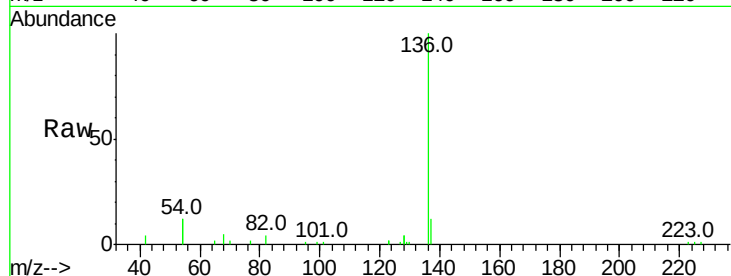
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 23.2 29.1 43.7#

68 5.0 6.2 9.2#

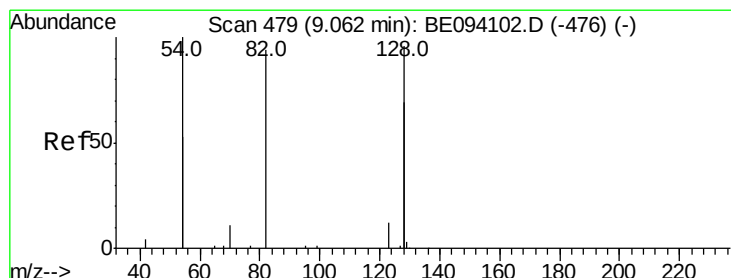
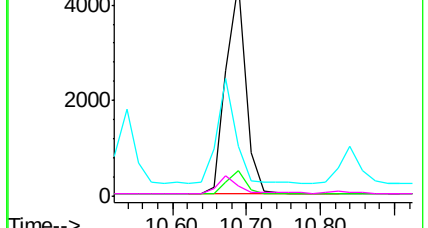


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.415 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

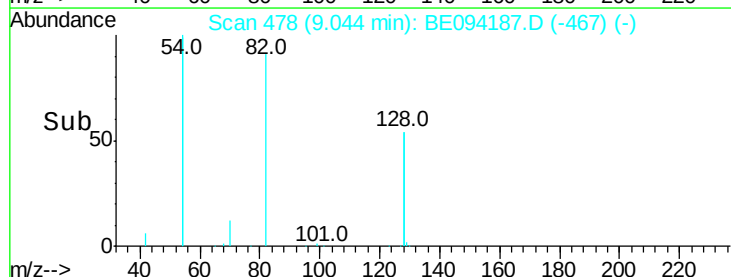
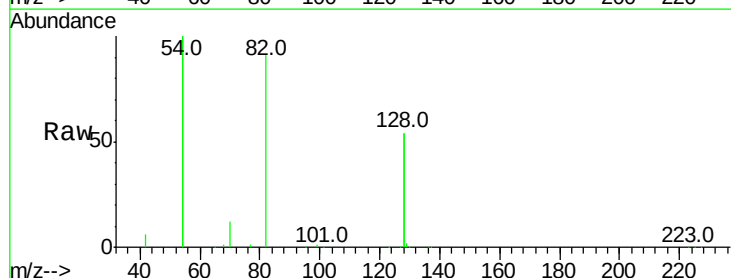
Tgt Ion: 82 Resp: 57421

Ion Ratio Lower Upper

82 100

128 119.9 150.0 225.0#

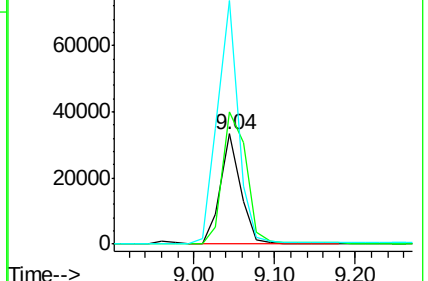
54 220.5 154.2 231.4

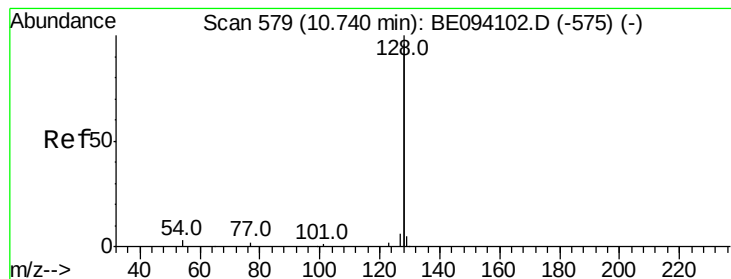


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 2.908 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

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ClientSampleId :

PAMT-COMP-CMS

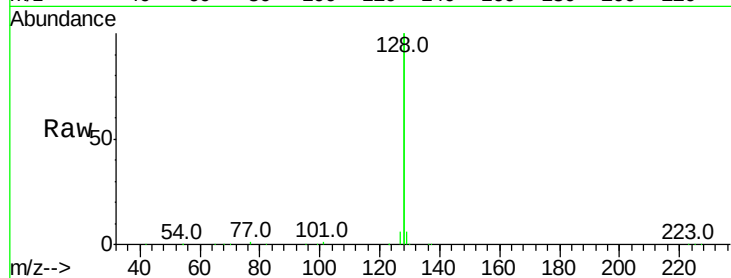
Tot Ion:128 Resp: 268381

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

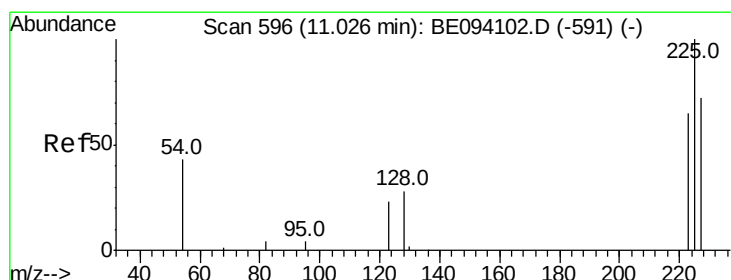
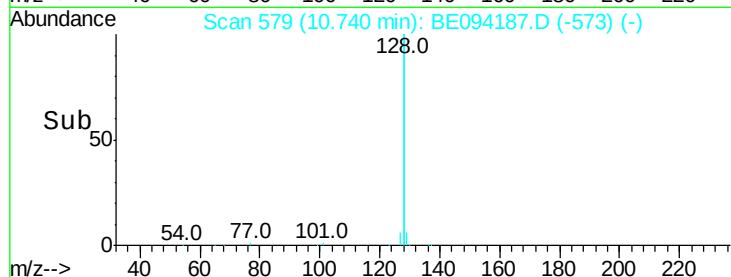
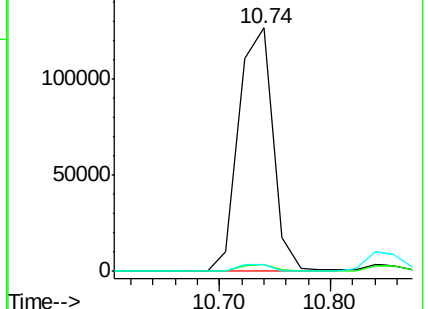
127 3.0 2.8 4.2



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: 2.270 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

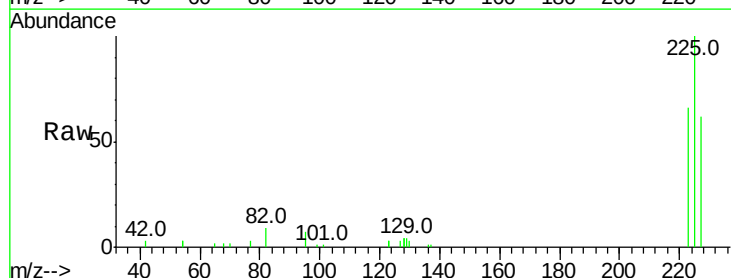
Tgt Ion:225 Resp: 7951

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

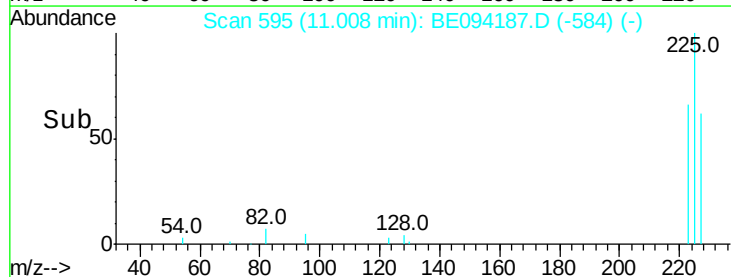
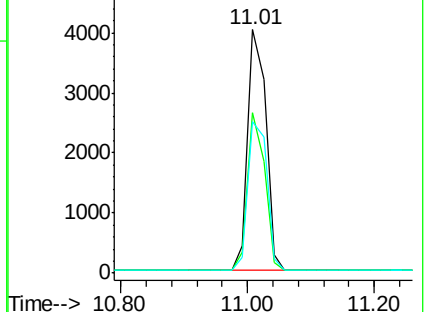
227 64.8 51.4 77.2

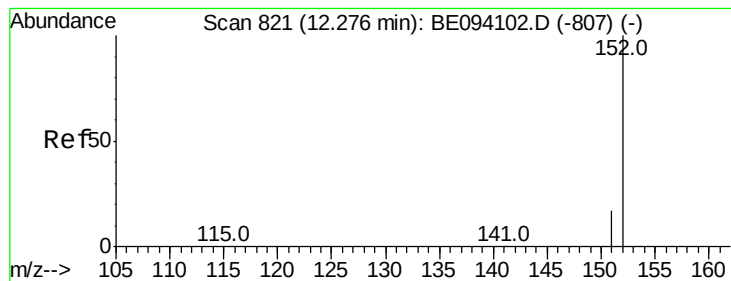


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.037 ng

RT: 12.22 min Scan# 807

Delta R.T. -0.05 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

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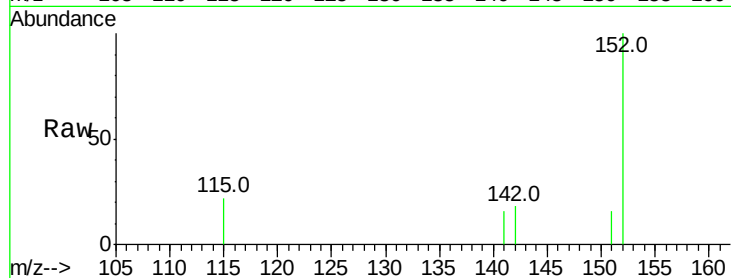
PAMT-COMP-CMS

Tot Ion:152 Resp: 467

Ion Ratio Lower Upper

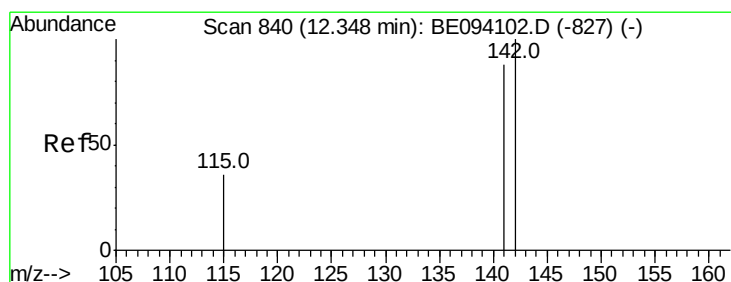
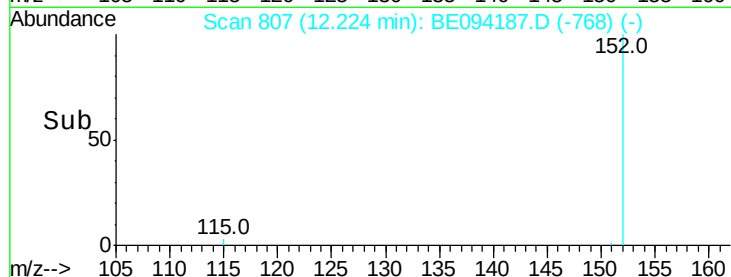
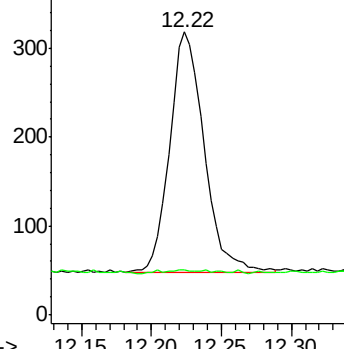
152 100

151 0.4 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.058 ng

RT: 12.34 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

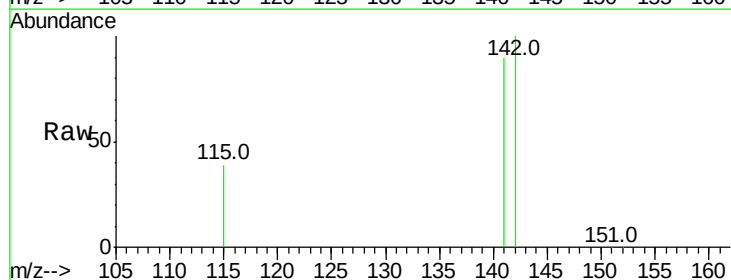
Tgt Ion:142 Resp: 46366

Ion Ratio Lower Upper

142 100

141 90.4 70.4 105.6

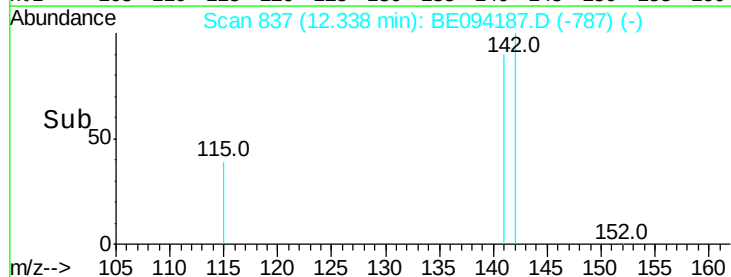
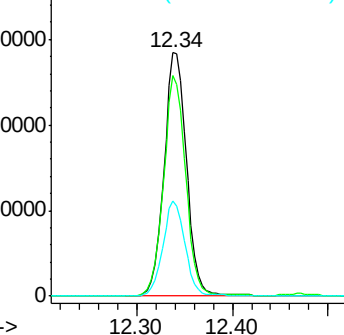
115 39.2 31.7 47.5

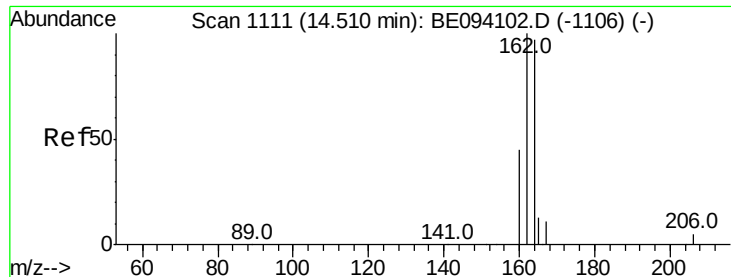


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

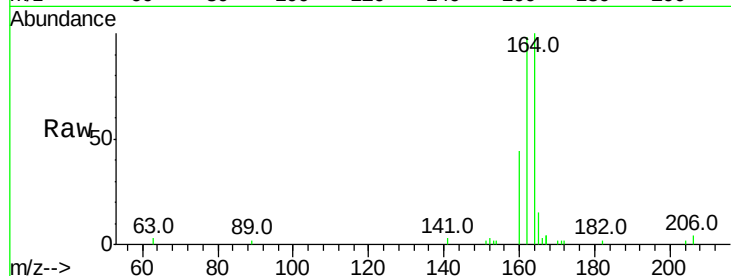
Tot Ion:164 Resp: 4841

Ion Ratio Lower Upper

164 100

162 98.4 83.1 124.7

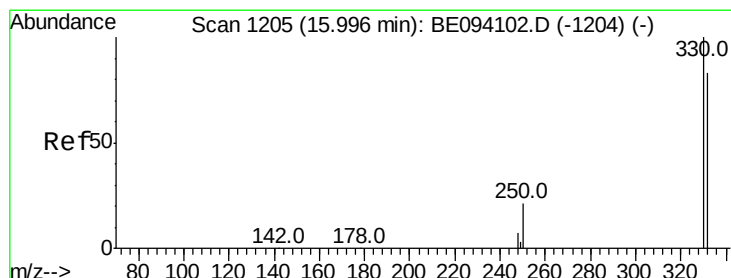
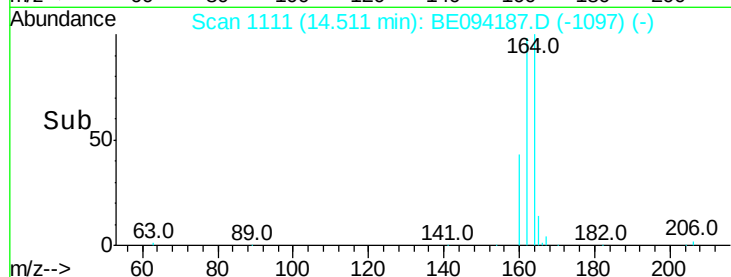
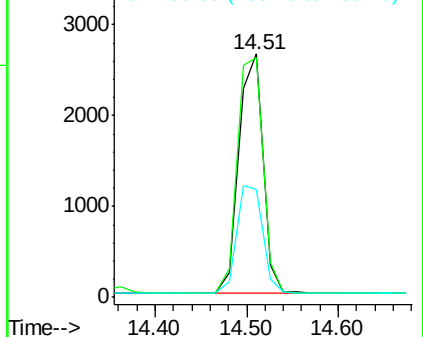
160 44.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 3.920 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

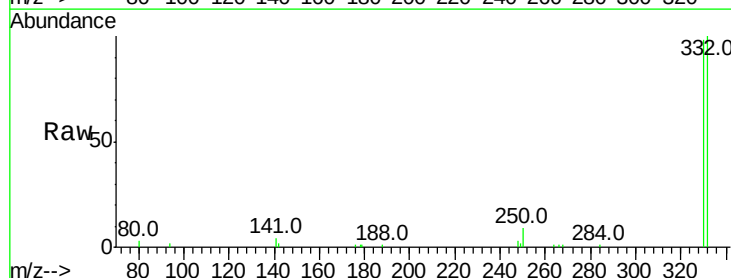
Tgt Ion:330 Resp: 8249

Ion Ratio Lower Upper

330 100

332 102.8 152.7 229.1#

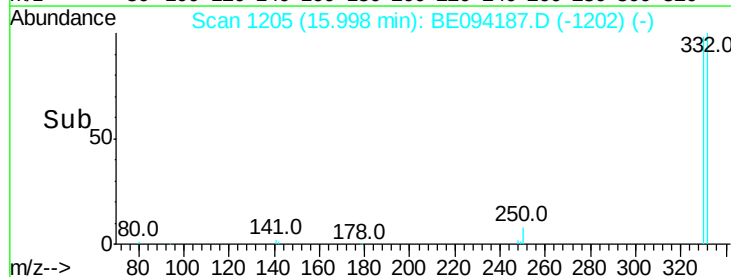
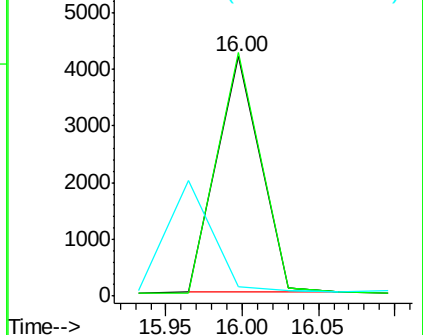
141 0.0 33.7 50.5#

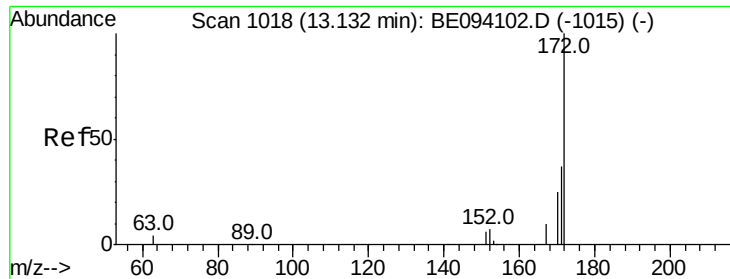


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

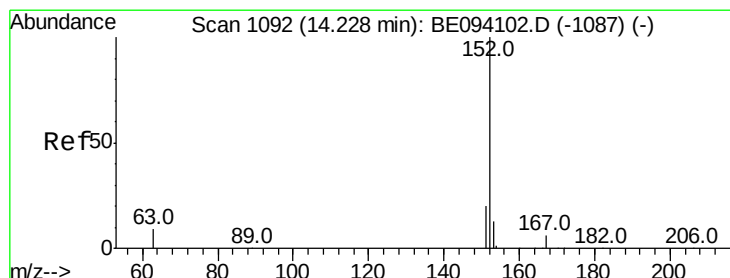
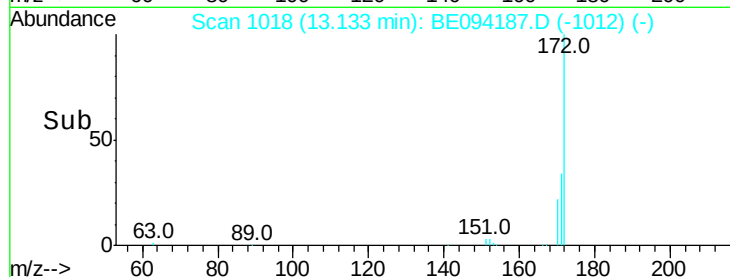
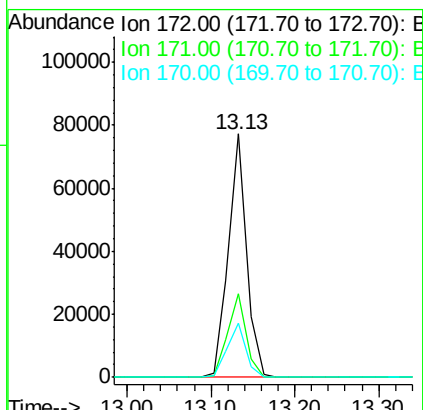
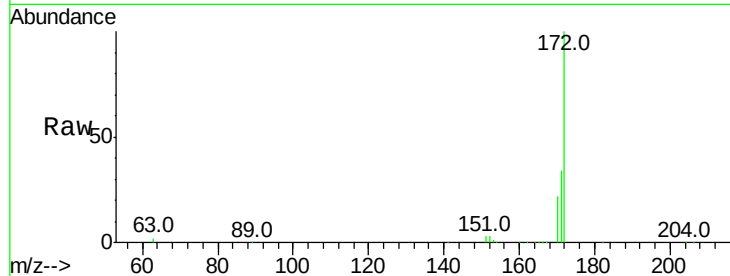




#15
2-Fluorobiphenyl
Concen: 6.962 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094187.D
Acq: 6 Oct 2017 20:02

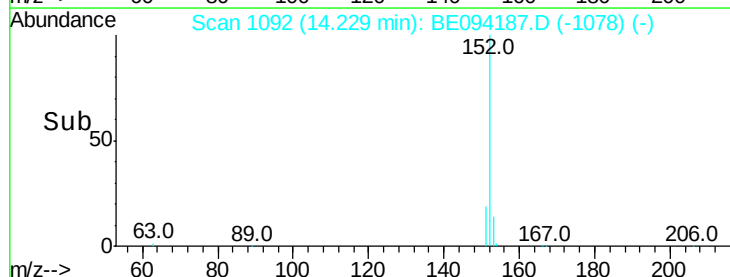
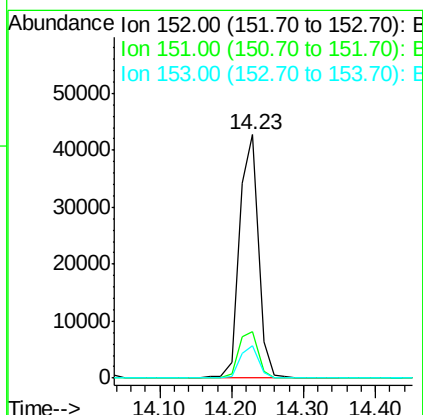
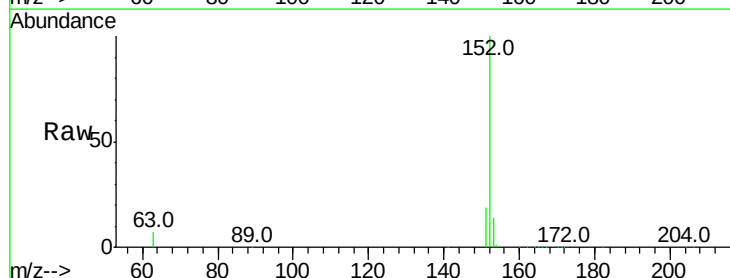
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-CMS

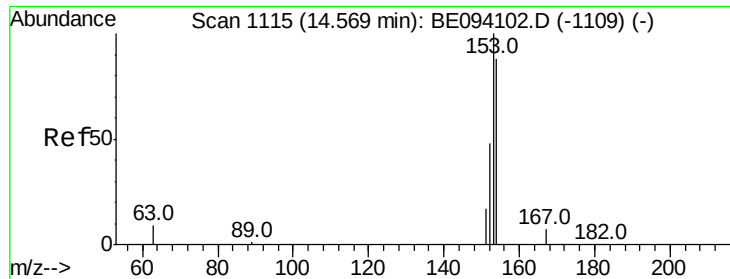
Tot Ion:172 Resp: 115454
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 22.2 21.8 32.8



#16
Acenaphthylene
Concen: 3.169 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094187.D
Acq: 6 Oct 2017 20:02

Tgt Ion:152 Resp: 77693
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 2.872 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

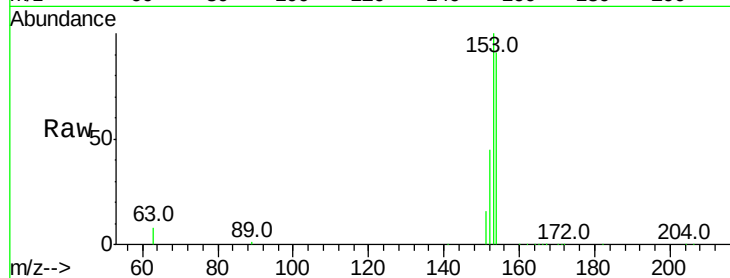
Tot Ion:154 Resp: 46504

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

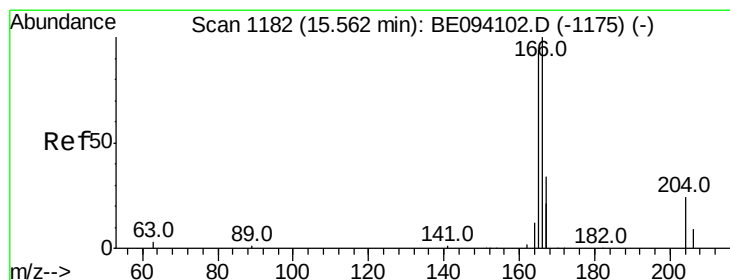
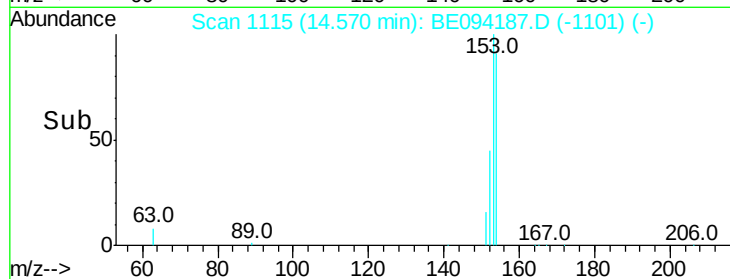
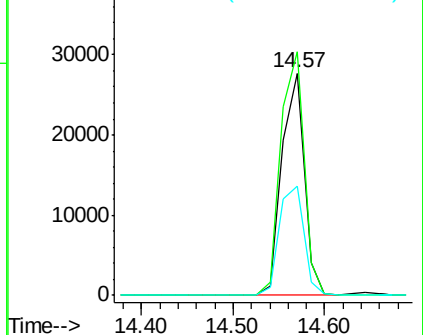
152 54.0 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 2.903 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

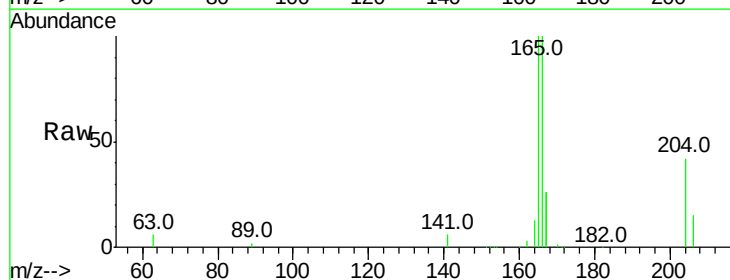
Tgt Ion:166 Resp: 61580

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.6

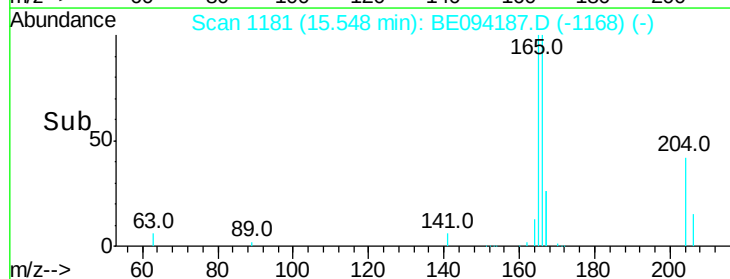
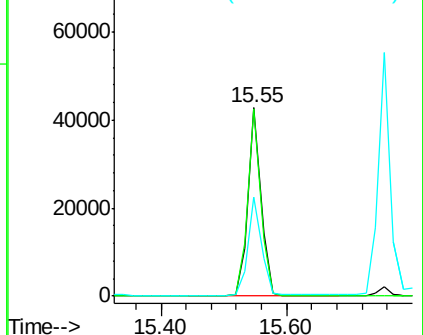
167 53.4 42.4 63.6

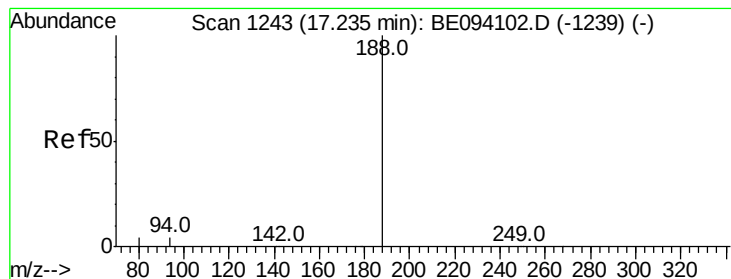


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

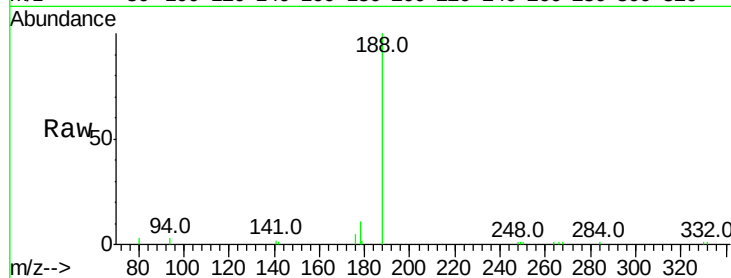
Tot Ion:188 Resp: 10693

Ion Ratio Lower Upper

188 100

94 3.4 3.9 5.9#

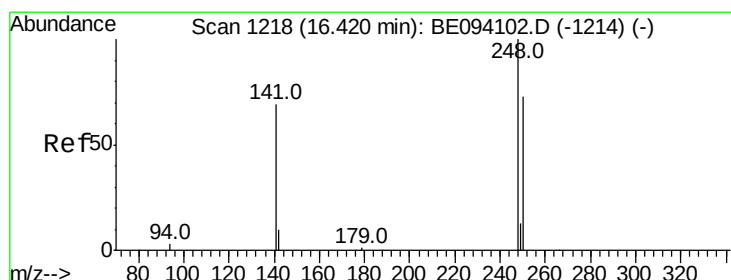
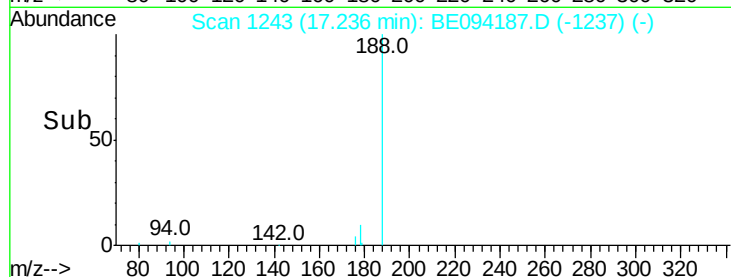
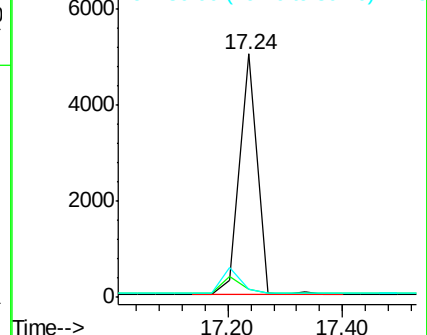
80 3.2 3.6 5.4#



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: 3.586 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

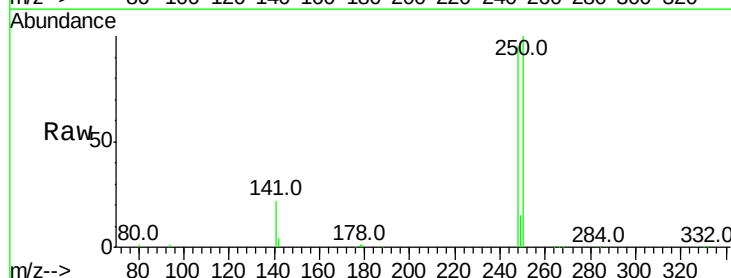
Tgt Ion:248 Resp: 22095

Ion Ratio Lower Upper

248 100

250 105.1 62.7 94.1#

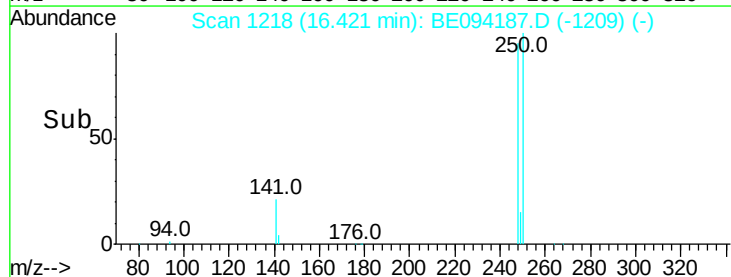
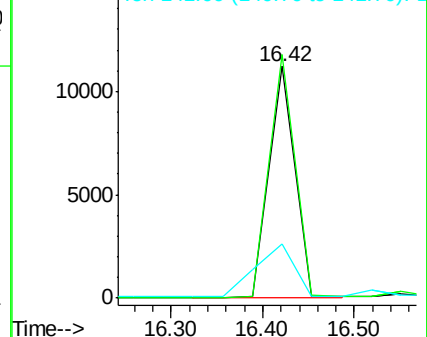
141 23.3 48.2 72.2#

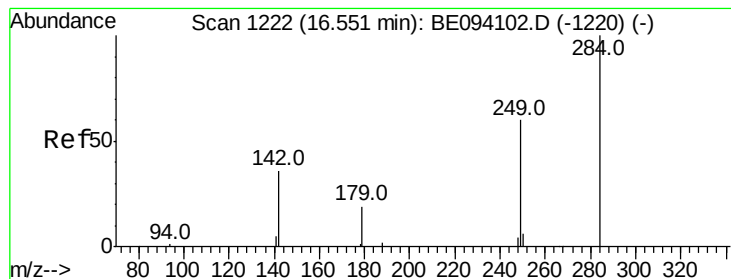


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.483 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

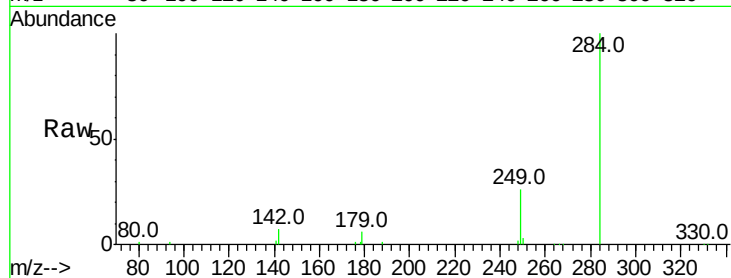
Tot Ion:284 Resp: 19280

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

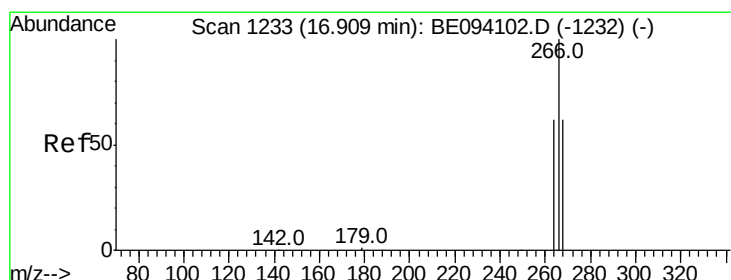
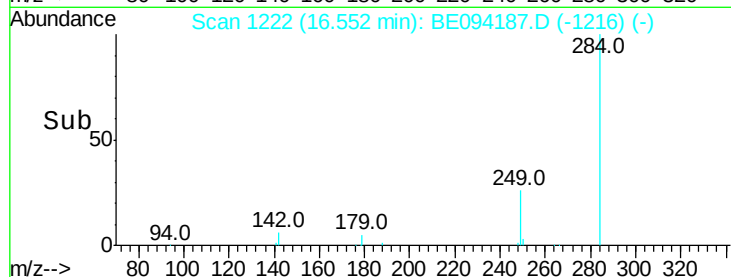
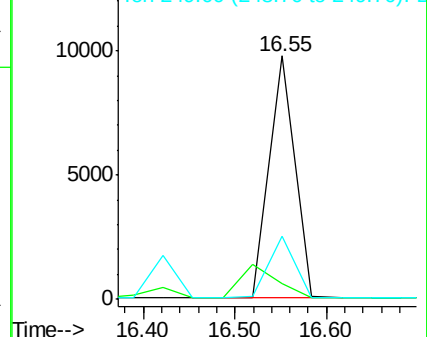
249 26.2 34.8 52.2#



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: 1.721 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

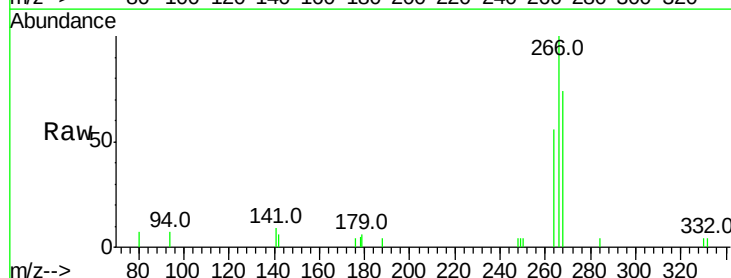
Tgt Ion:266 Resp: 2581

Ion Ratio Lower Upper

266 100

264 56.5 72.5 108.7#

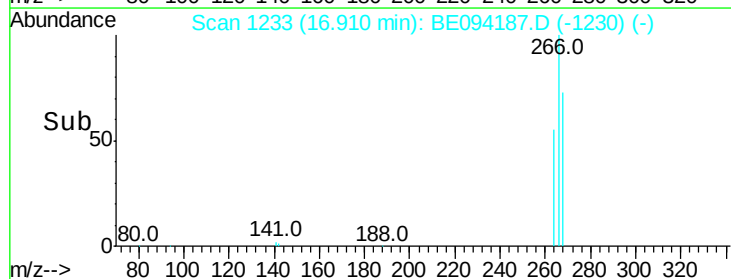
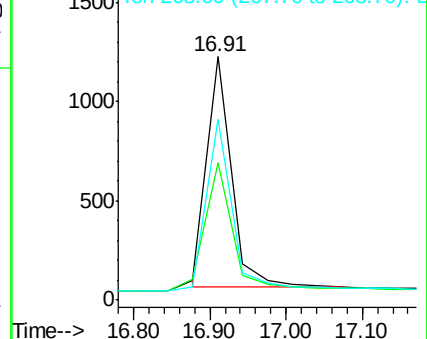
268 74.1 73.8 110.6

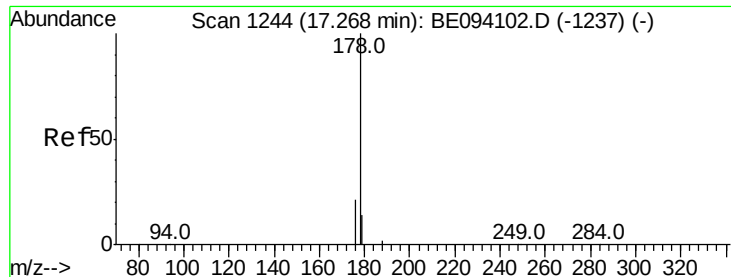


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.532 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

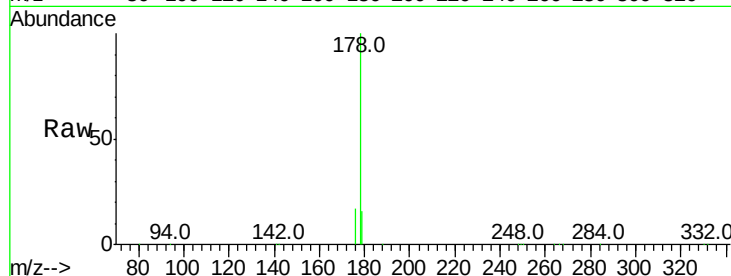
BNA_E

ClientSampleId :

PAMT-COMP-CMS

Tot Ion:178 Resp: 130917

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.1	22.7
179	15.5	11.8	17.6

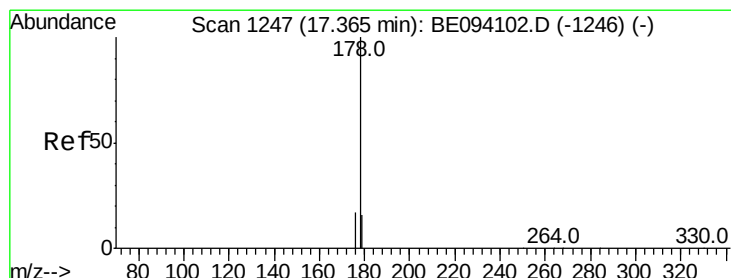
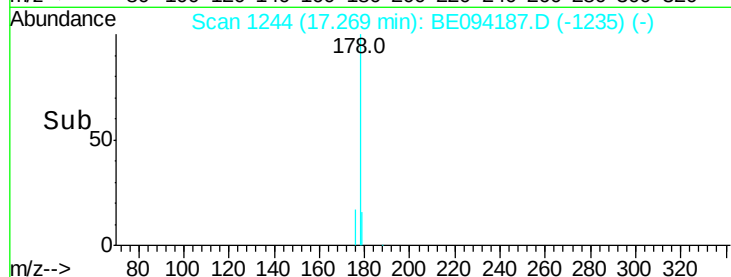
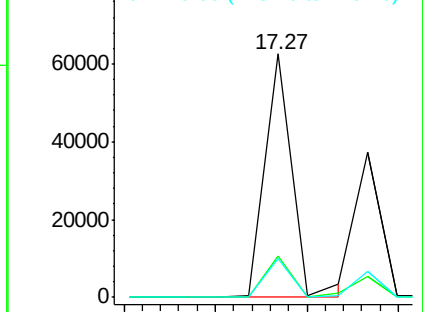


Abundance

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: 2.629 ng

RT: 17.37 min Scan# 1247

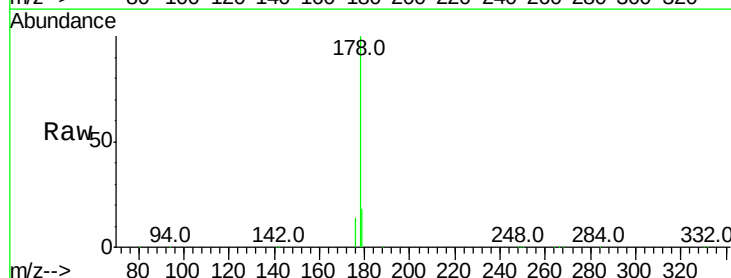
Delta R.T. 0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Tgt Ion:178 Resp: 74300

Ion	Ratio	Lower	Upper
178	100		
176	14.4	12.8	19.2
179	18.2	13.0	19.6

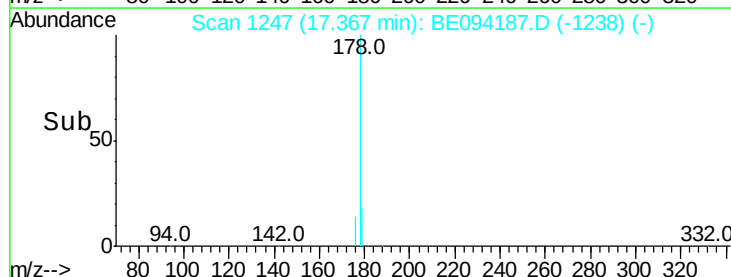
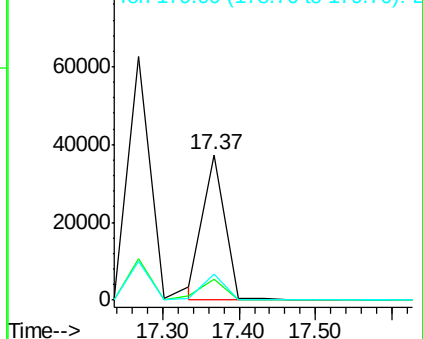


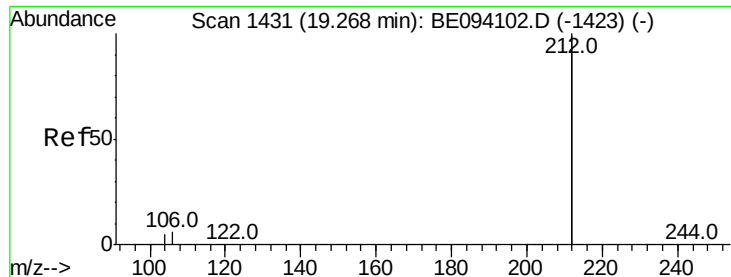
Abundance

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: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

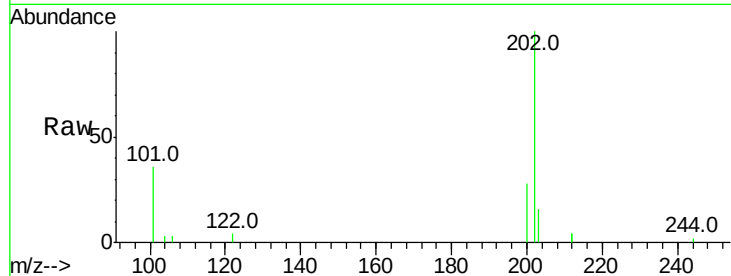
Tot Ion:212 Resp: 37

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

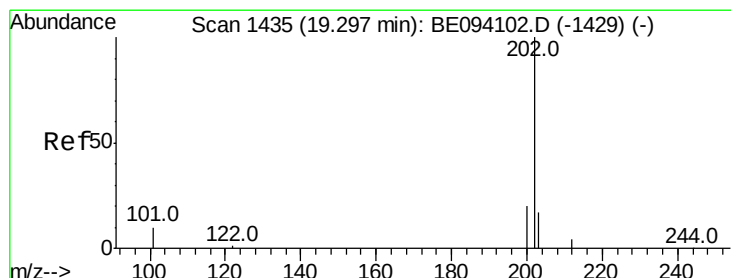
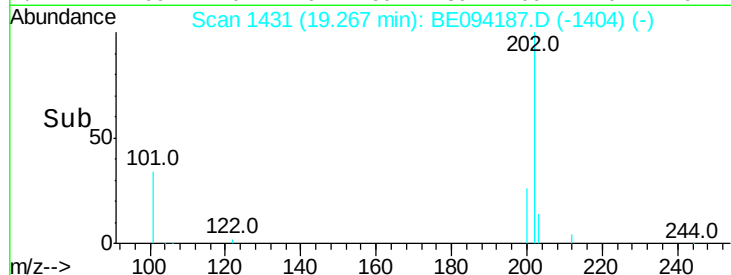
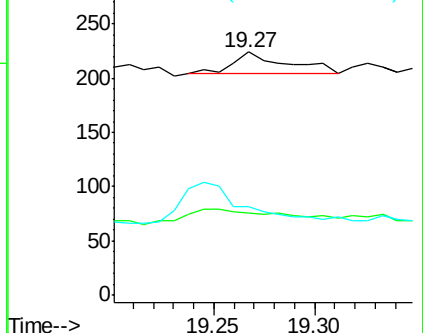
104 0.0 1.6 2.4#



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: 3.324 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

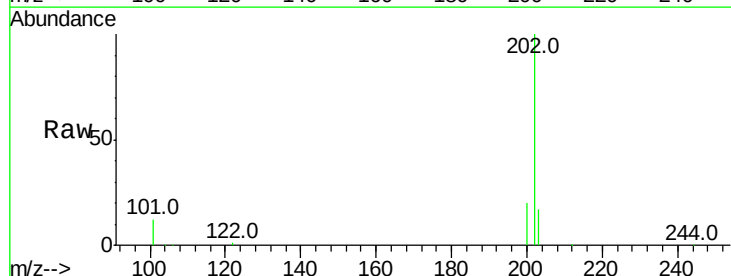
Tgt Ion:202 Resp: 108033

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.8

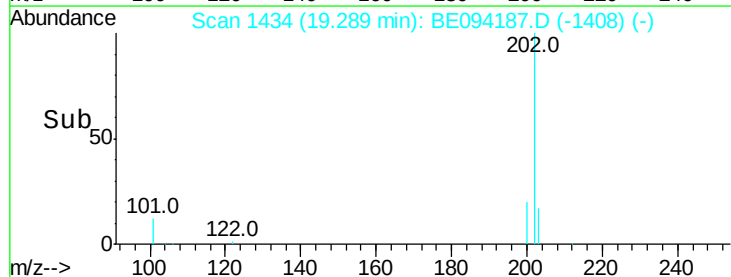
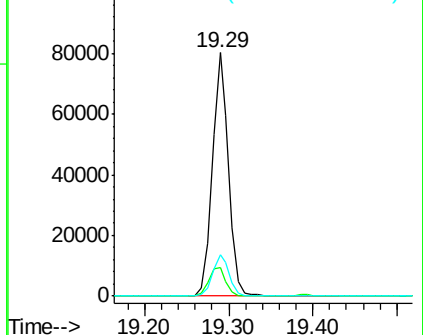
203 17.3 13.7 20.5

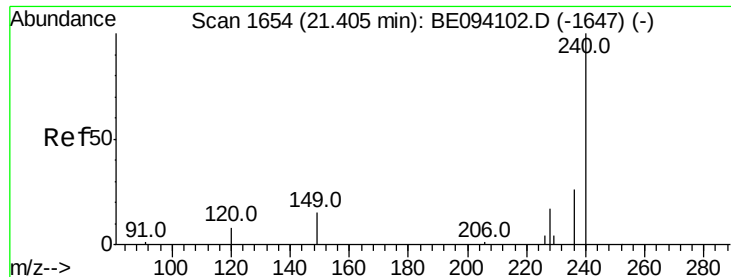


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

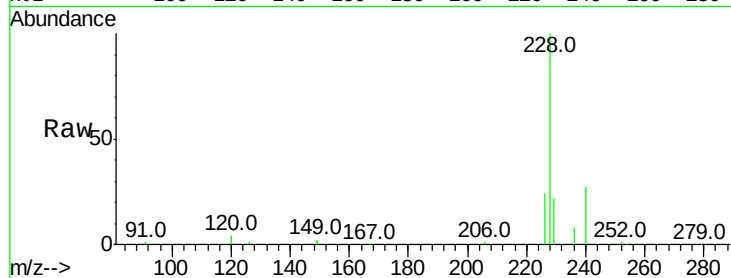
Tot Ion:240 Resp: 11728

Ion Ratio Lower Upper

240 100

120 15.4 5.5 8.3#

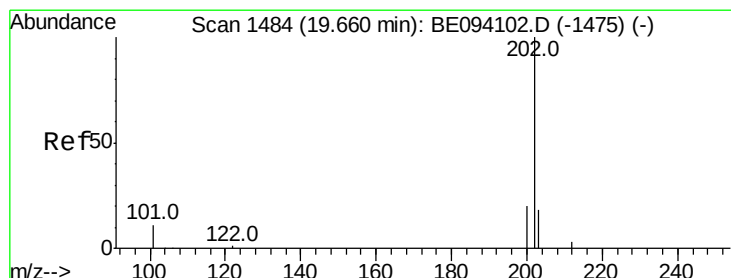
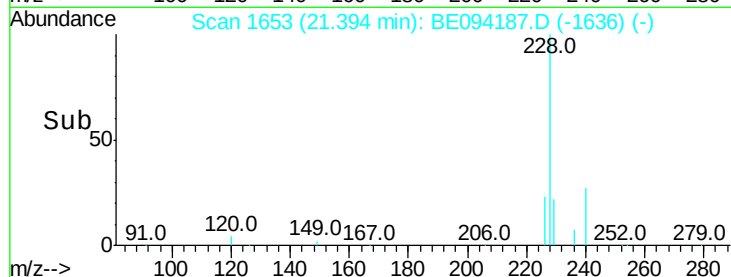
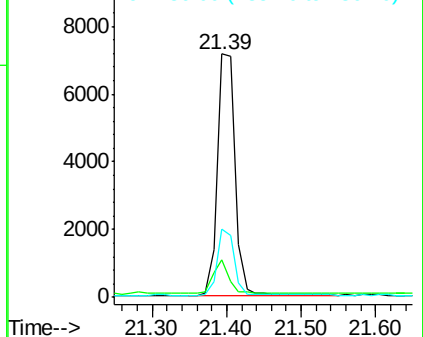
236 28.1 20.7 31.1



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: 2.803 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

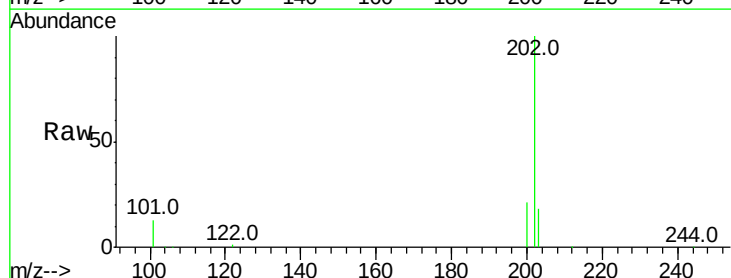
Tgt Ion:202 Resp: 113064

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

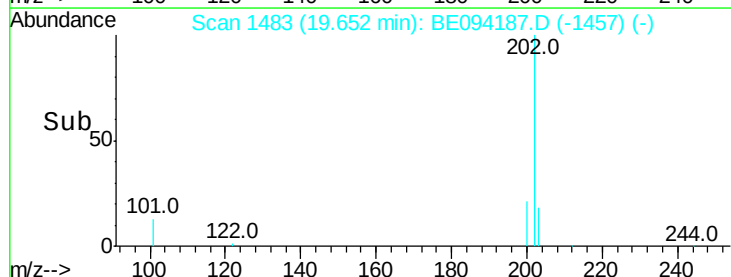
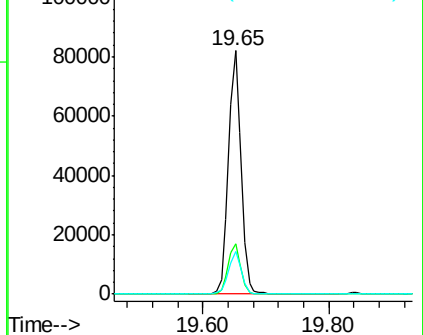
203 18.0 13.8 20.8

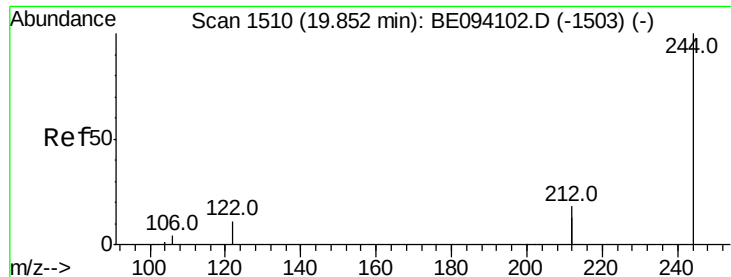


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.411 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

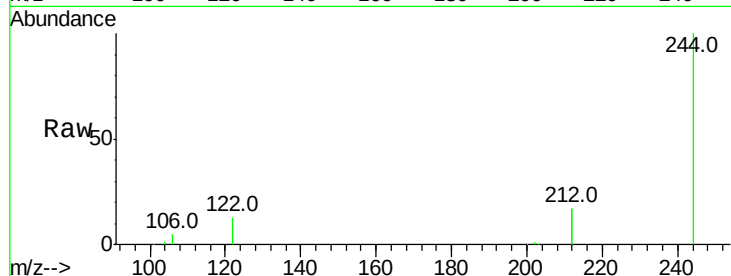
Tot Ion:244 Resp: 119840

Ion Ratio Lower Upper

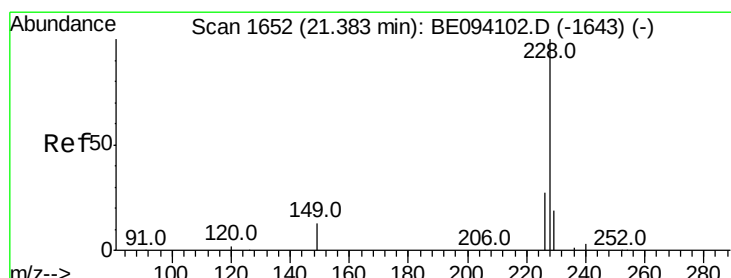
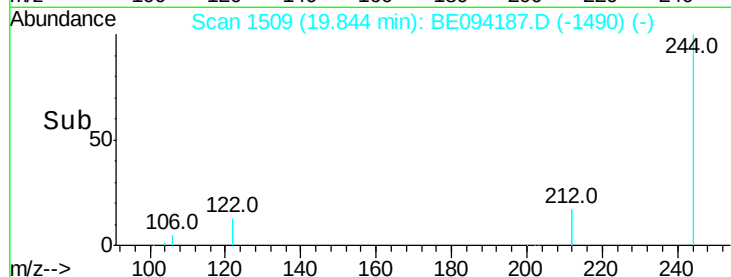
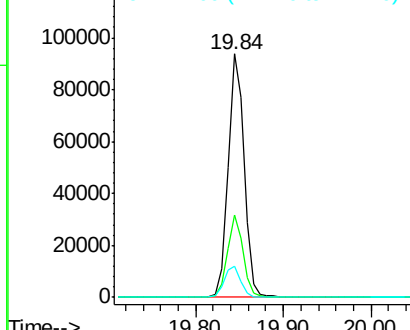
244 100

212 33.7 25.4 38.0

122 12.7 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: 2.688 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

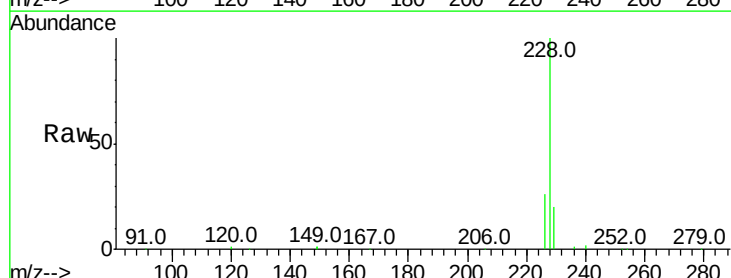
Tgt Ion:228 Resp: 103600

Ion Ratio Lower Upper

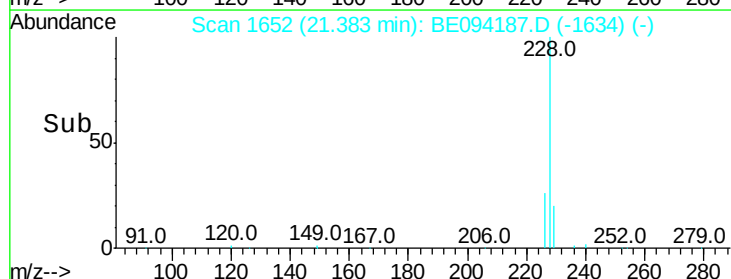
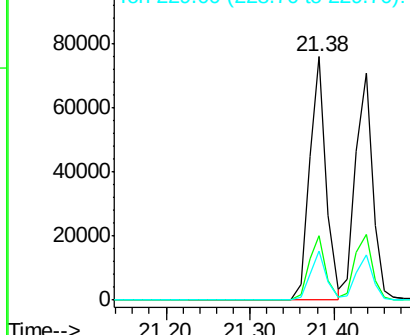
228 100

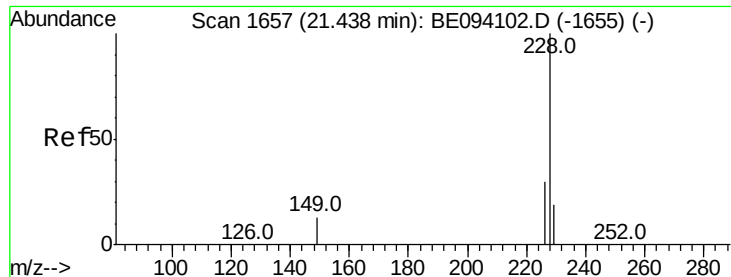
226 26.3 21.4 32.0

229 20.0 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: 2.666 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

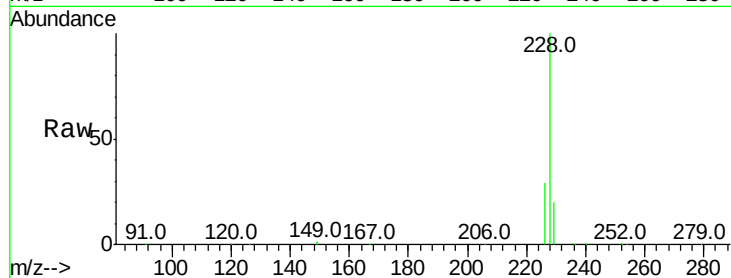
Tot Ion:228 Resp: 101375

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

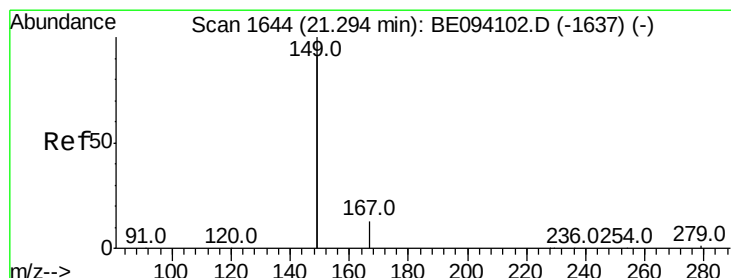
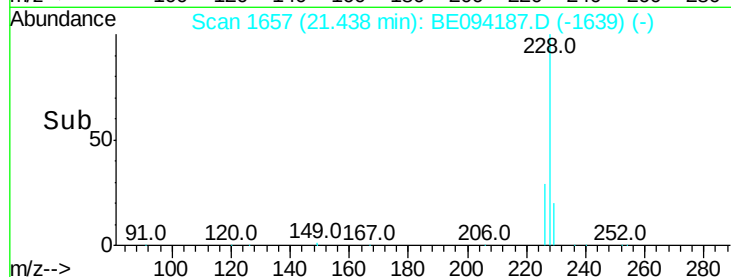
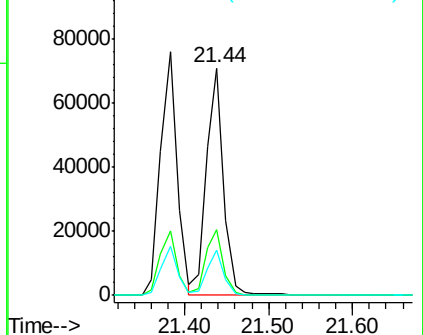
229 20.2 16.4 24.6



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: 3.073 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

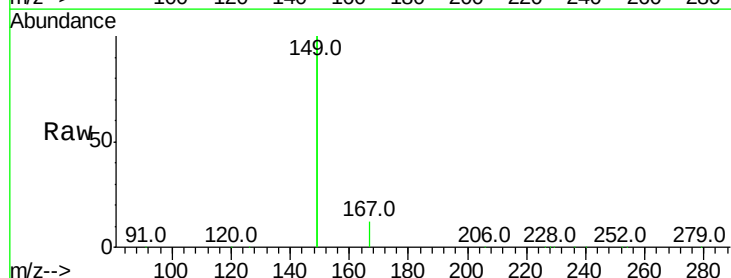
Tgt Ion:149 Resp: 272708

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

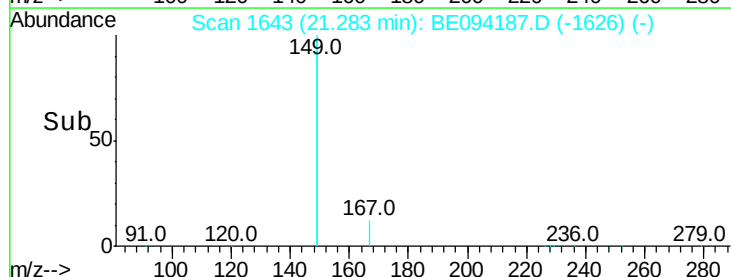
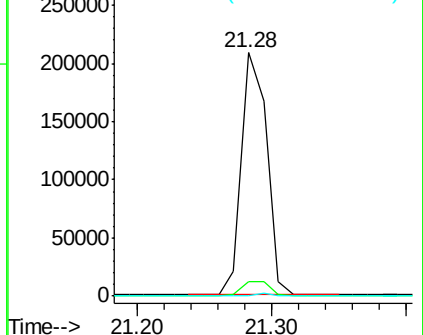
279 0.8 0.7 1.1

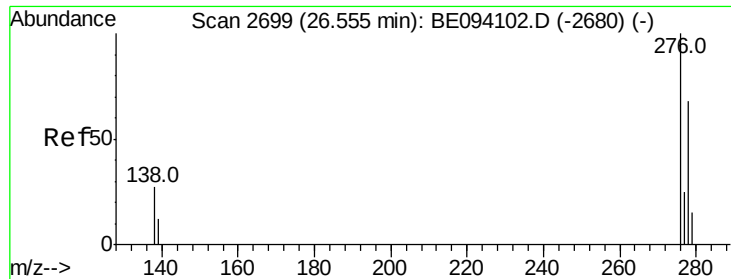


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 2.730 ng

RT: 26.54 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

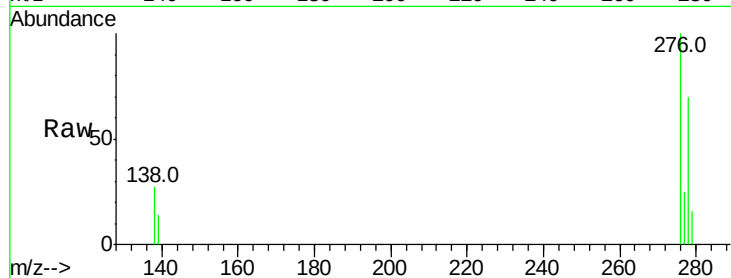
Tot Ion:276 Resp: 103056

Ion Ratio Lower Upper

276 100

138 28.2 22.5 33.7

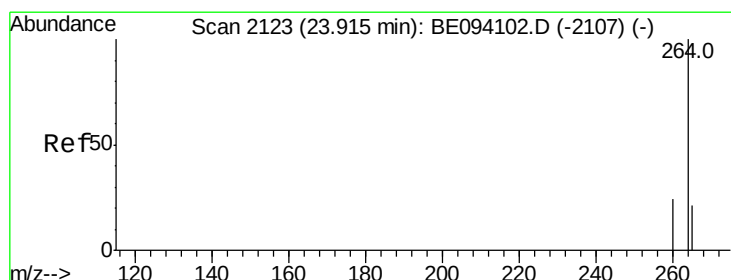
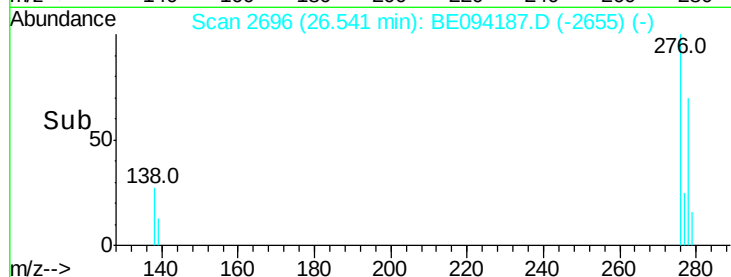
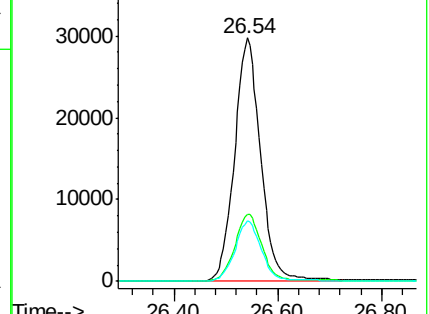
277 25.0 19.9 29.9



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: BE094187.D

Acq: 6 Oct 2017 20:02

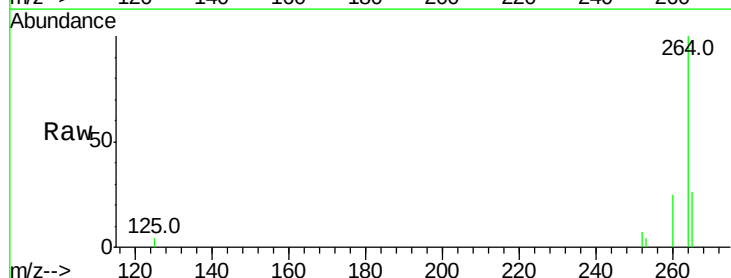
Tgt Ion:264 Resp: 10561

Ion Ratio Lower Upper

264 100

260 24.8 20.5 30.7

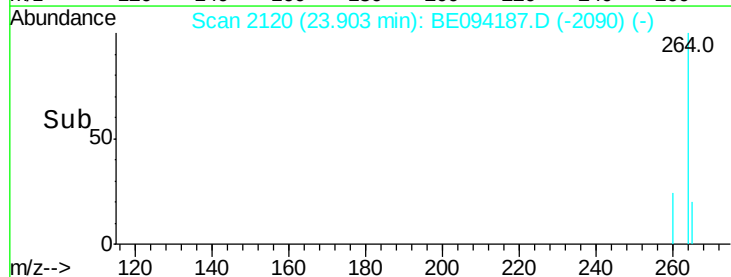
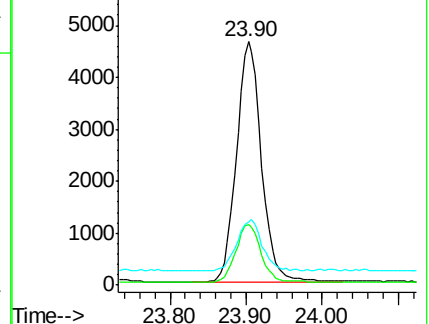
265 26.2 22.8 34.2

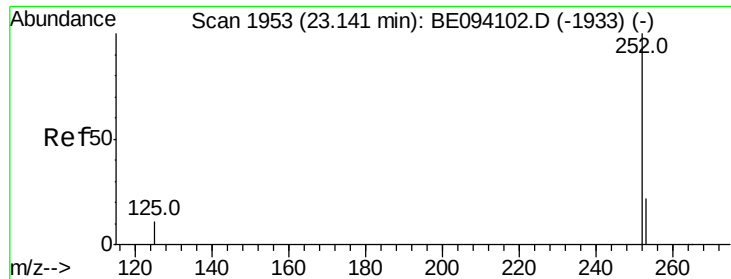


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

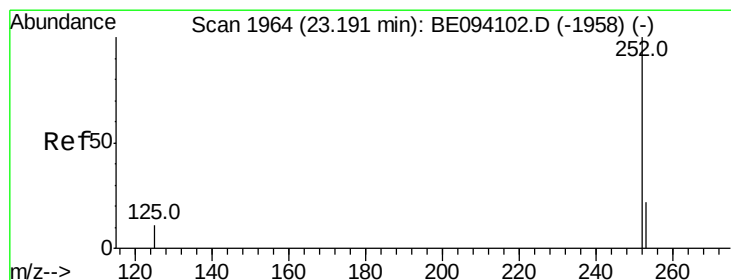
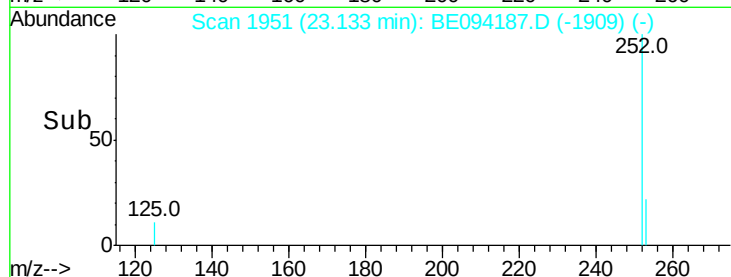
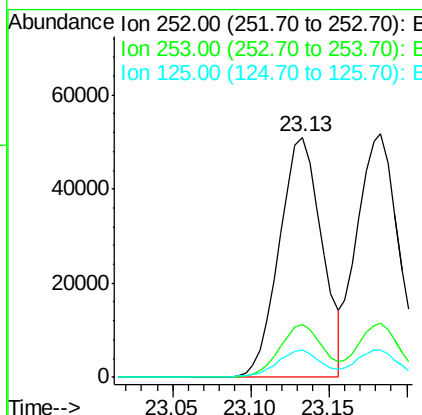
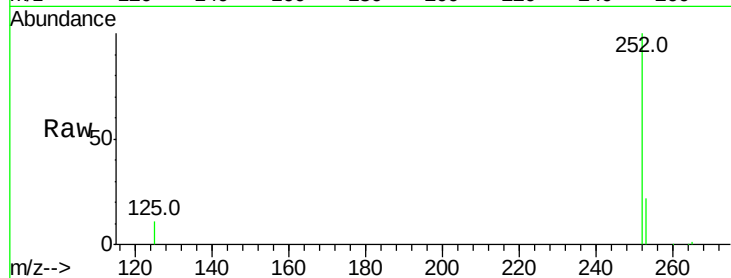




#35
Benzo(b)fluoranthene
Concen: 2.715 ng
RT: 23.13 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BE094187.D
Acq: 6 Oct 2017 20:02

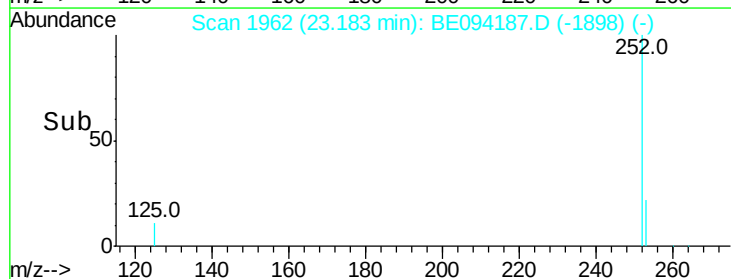
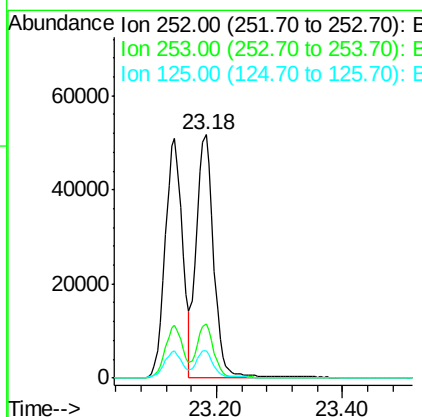
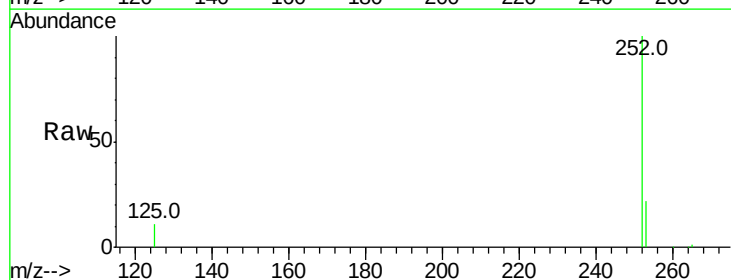
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-CMS

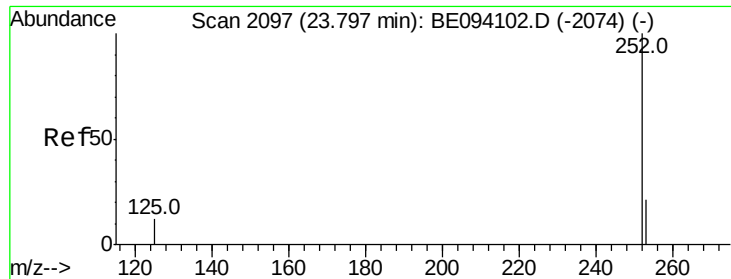
Tot Ion:252 Resp: 96448
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.4 10.1 15.1



#36
Benzo(k)fluoranthene
Concen: 2.732 ng
RT: 23.18 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE094187.D
Acq: 6 Oct 2017 20:02

Tgt Ion:252 Resp: 98638
Ion Ratio Lower Upper
252 100
253 22.1 18.6 27.8
125 11.2 10.7 16.1





#37

Benzo(a)pyrene

Concen: 2.762 ng

RT: 23.79 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS

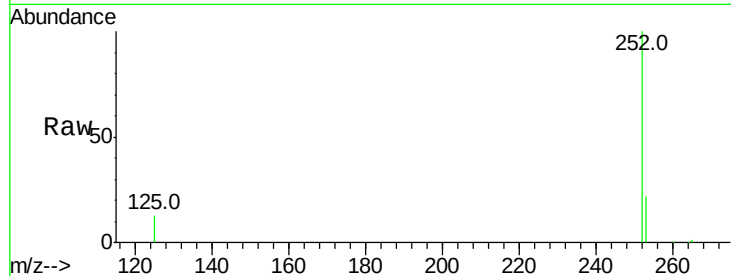
Tot Ion:252 Resp: 92739

Ion Ratio Lower Upper

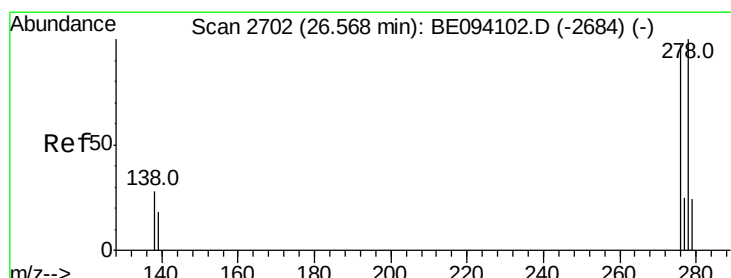
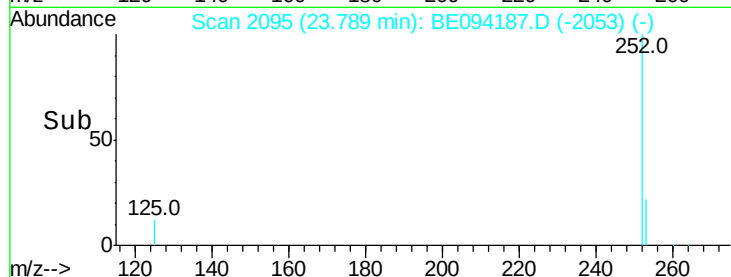
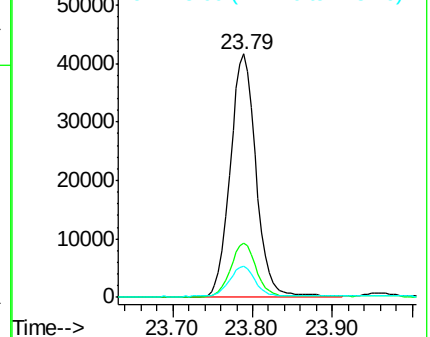
252 100

253 22.3 19.0 28.6

125 12.6 11.8 17.8



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



#38

Dibenzo(a,h)anthracene

Concen: 2.787 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.01 min

Lab File: BE094187.D

Acq: 6 Oct 2017 20:02

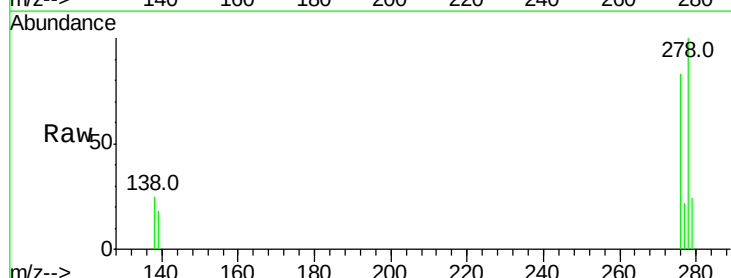
Tgt Ion:278 Resp: 86735

Ion Ratio Lower Upper

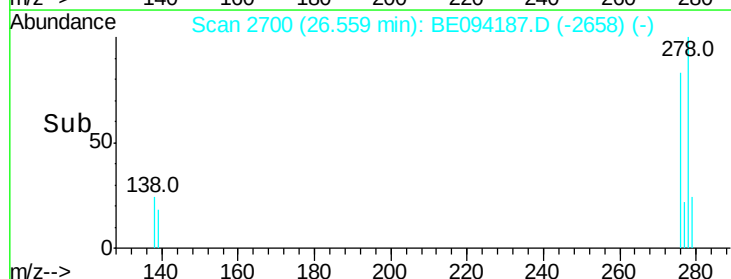
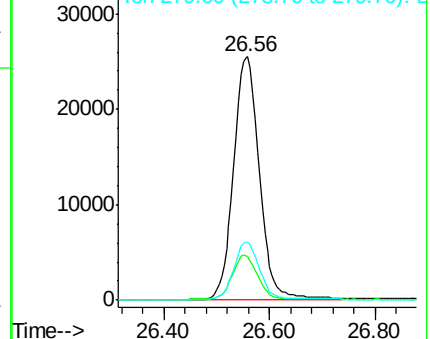
278 100

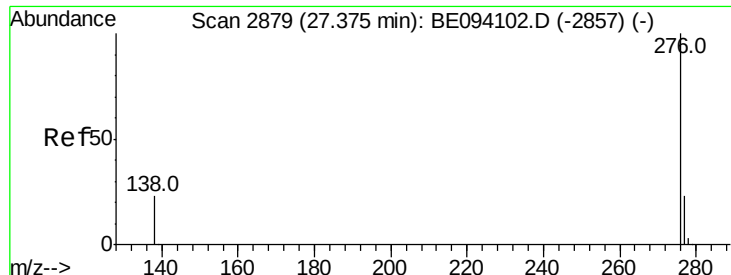
139 18.0 16.3 24.5

279 23.9 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 2.704 ng

RT: 27.36 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BE094187.D

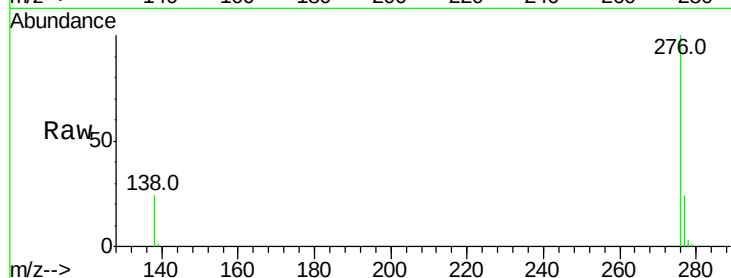
Acq: 6 Oct 2017 20:02

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMS



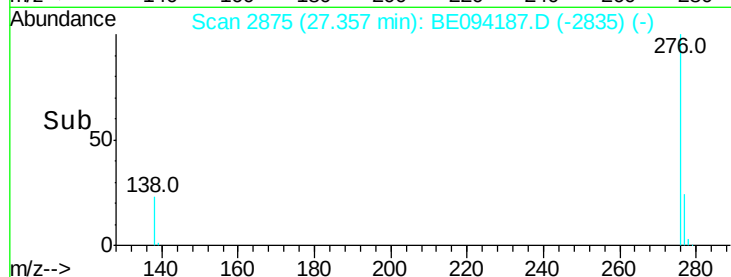
Tot Ion:276 Resp: 85962

Ion Ratio Lower Upper

276 100

277 24.0 20.8 31.2

138 23.6 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

