

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094188.D
 Acq On : 6 Oct 2017 20:38
 Operator : SJ/JU
 Sample : I5571-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-CMSD

Quant Time: Oct 07 01:14:13 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	1667	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8322	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4945	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12612	0.40	ng	0.00
27) Chrysene-d12	21.39	240	11805	0.40	ng	-0.01
34) Perylene-d12	23.90	264	10730	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	21516	3.87	ng	0.00
5) Phenol-d6	7.08	99	24319	3.02	ng	-0.01
8) Nitrobenzene-d5	9.04	82	55146	7.96	ng	-0.02
11) 2-Methylnaphthalene-d10	12.23	152	86	0.01	ng	-0.05
14) 2,4,6-Tribromophenol	16.00	330	15929	7.41	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	105644	6.24	ng	0.00
25) Fluoranthene-d10	19.26	212	41	0.00	ng	0.00
29) Terphenyl-d14	19.84	244	97894	4.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	4599	1.523	ng	# 83
3) n-Nitrosodimethylamine	3.73	42	6036	1.863	ng	# 92
6) bis(2-Chloroethyl)ether	7.32	93	18954	2.899	ng	89
9) Naphthalene	10.74	128	228585	2.439	ng	99
10) Hexachlorobutadiene	11.01	225	6640	1.867	ng	97
12) 2-Methylnaphthalene	12.34	142	39194	2.546	ng	98
16) Acenaphthylene	14.23	152	63600	2.540	ng	100
17) Acenaphthene	14.57	154	38477	2.326	ng	98
18) Fluorene	15.55	166	51166	2.362	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	19891	2.737	ng	# 74
21) Hexachlorobenzene	16.55	284	14915	2.285	ng	# 70
22) Pentachlorophenol	16.91	266	6815	3.852	ng	# 70
23) Phenanthrene	17.27	178	112500	2.574	ng	99
24) Anthracene	17.36	178	71668	2.150	ng	97
26) Fluoranthene	19.29	202	90707	2.367	ng	100
28) Pyrene	19.65	202	93916	2.313	ng	99
30) Benzo(a)anthracene	21.38	228	86089	2.219	ng	99
31) Chrysene	21.44	228	85512	2.234	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	302044	3.381	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	85147	2.241	ng	100
35) Benzo(b)fluoranthene	23.13	252	80678	2.235	ng	98
36) Benzo(k)fluoranthene	23.18	252	81558	2.223	ng	97
37) Benzo(a)pyrene	23.79	252	75633	2.217	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	72151	2.281	ng	97
39) Benzo(g,h,i)perylene	27.35	276	70878	2.194	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

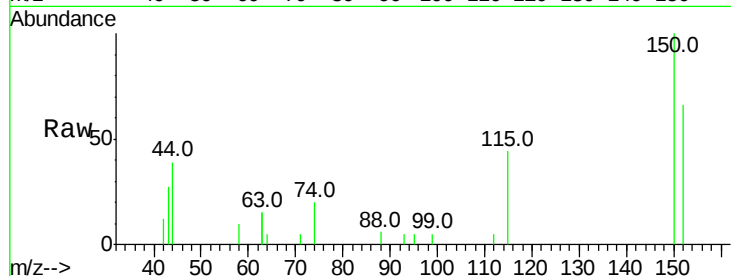
Tot Ion:152 Resp: 1667

Ion Ratio Lower Upper

152 100

150 150.7 117.2 175.8

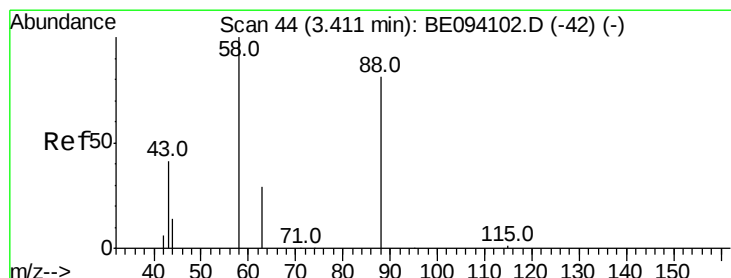
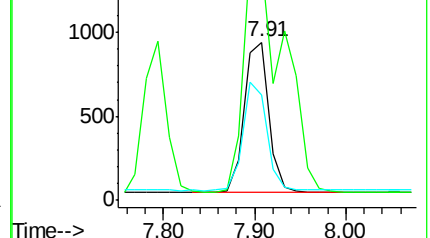
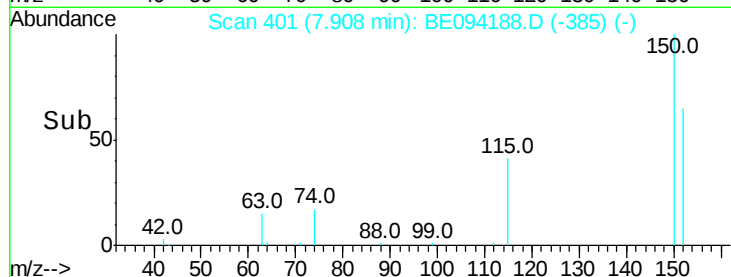
115 66.7 57.0 85.6



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: 1.523 ng

RT: 3.43 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

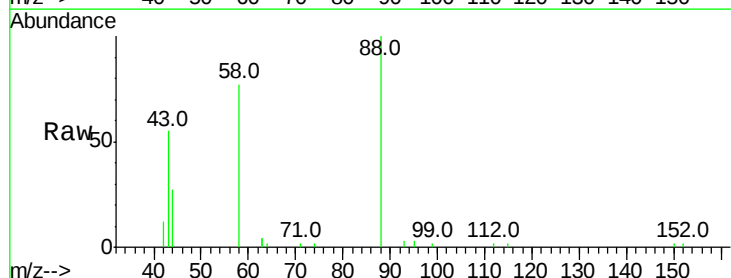
Tgt Ion: 88 Resp: 4599

Ion Ratio Lower Upper

88 100

58 93.5 63.2 94.8

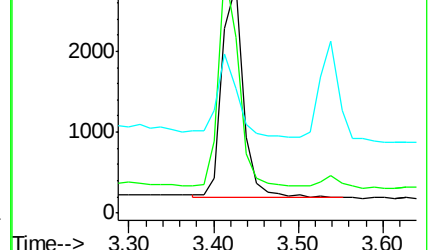
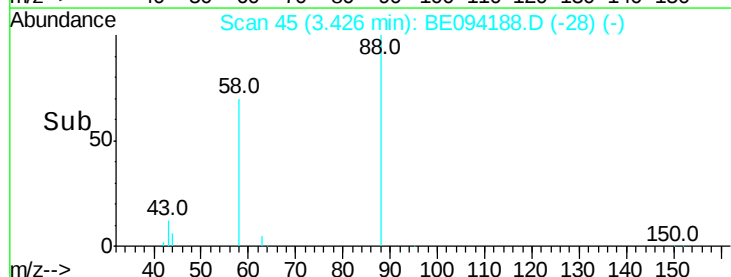
43 38.4 41.2 61.8#



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: 1.863 ng

RT: 3.73 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

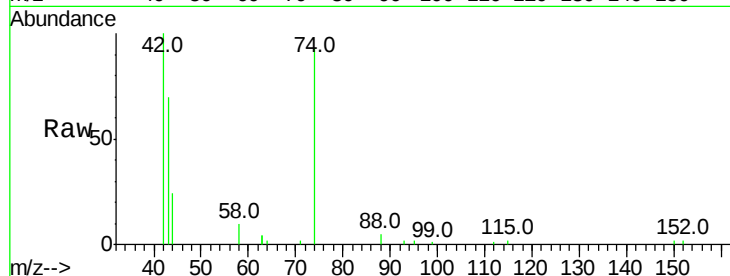
Tot Ion: 42 Resp: 6036

Ion Ratio Lower Upper

42 100

74 120.8 100.3 150.5

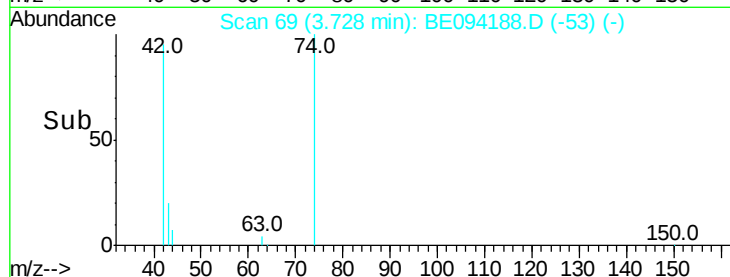
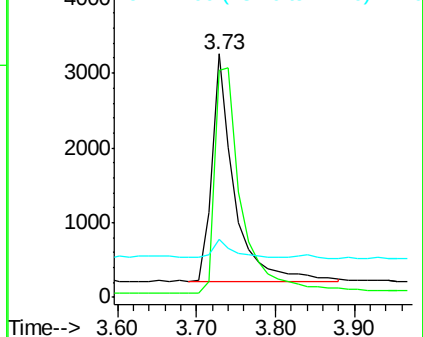
44 7.6 17.0 25.4#



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: 3.873 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

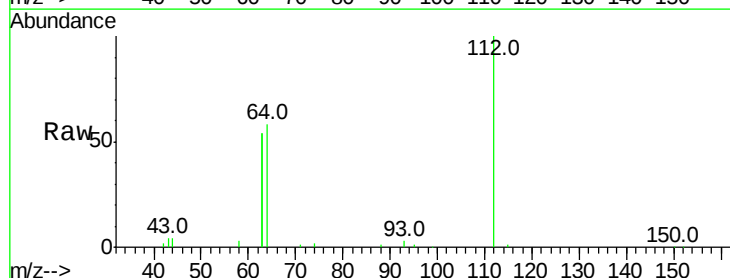
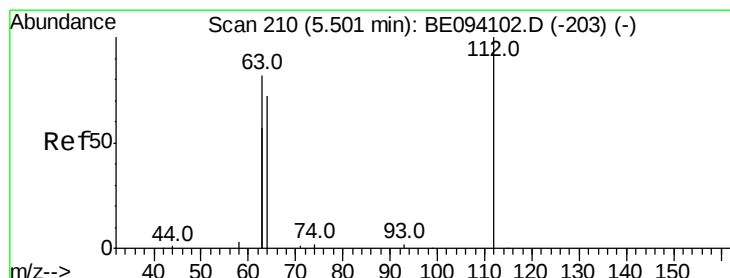
Tgt Ion: 112 Resp: 21516

Ion Ratio Lower Upper

112 100

64 76.0 60.1 90.1

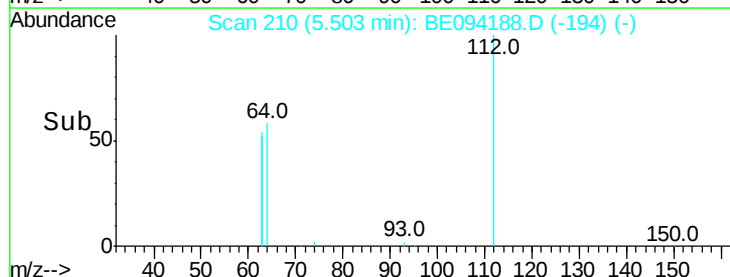
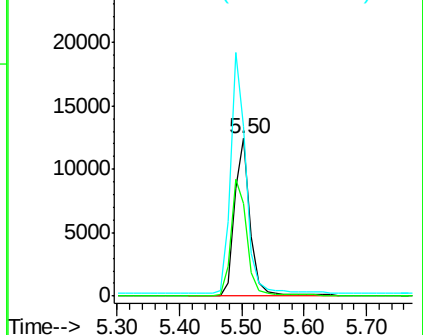
63 152.0 116.8 175.2



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: 3.020 ng

RT: 7.08 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

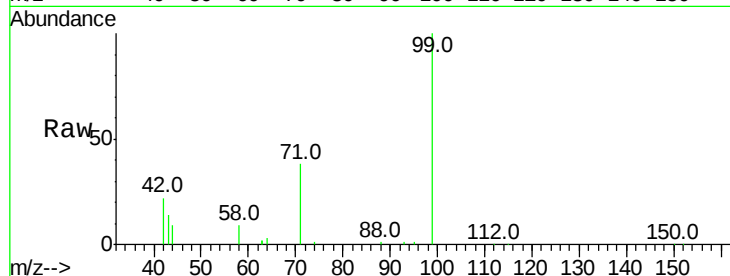
Tot Ion: 99 Resp: 24319

Ion Ratio Lower Upper

99 100

42 21.9 20.2 30.2

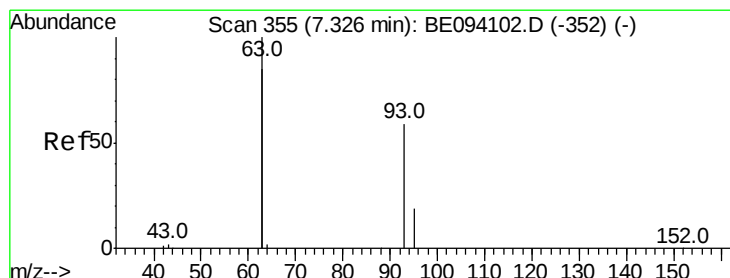
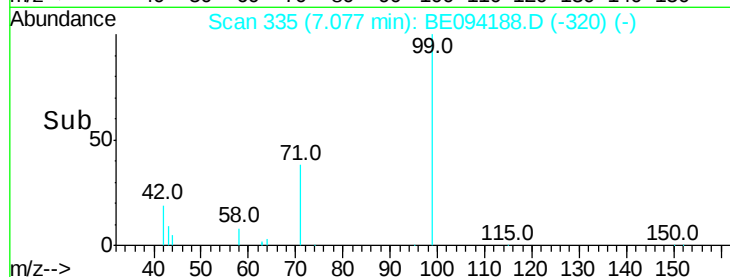
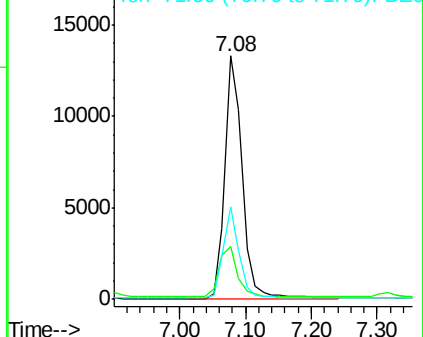
71 35.4 28.4 42.6



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: 2.899 ng

RT: 7.32 min Scan# 354

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

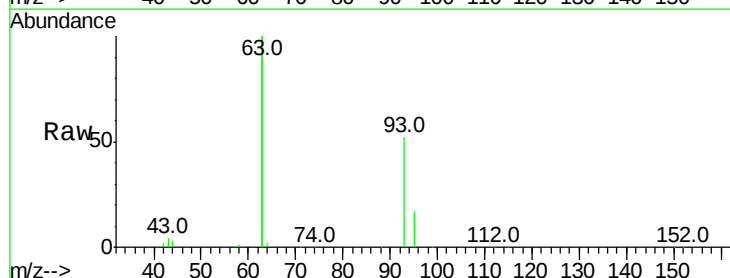
Tgt Ion: 93 Resp: 18954

Ion Ratio Lower Upper

93 100

63 369.2 275.3 412.9

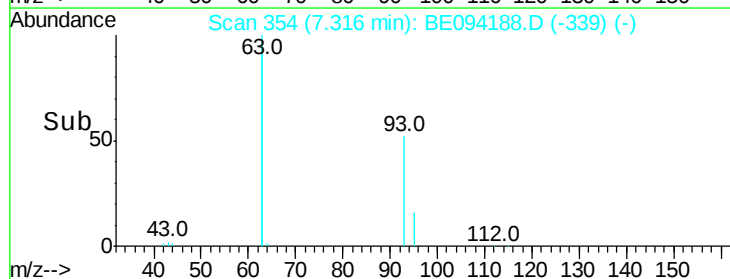
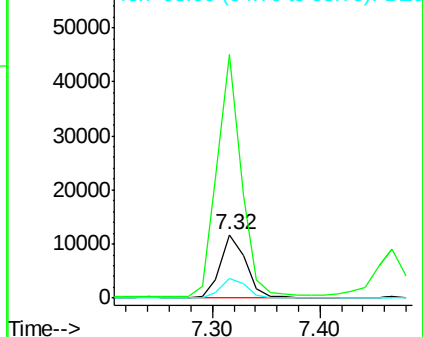
95 32.5 25.2 37.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:136 Resp: 8322

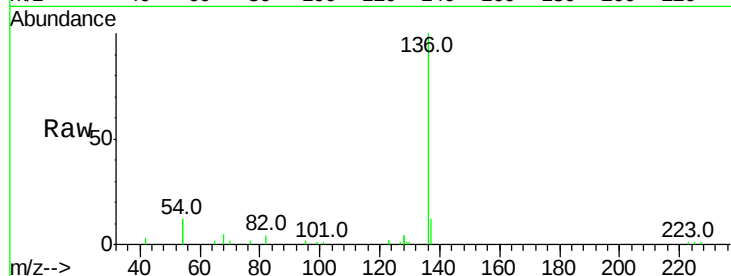
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 23.1 29.1 43.7#

68 5.2 6.2 9.2#

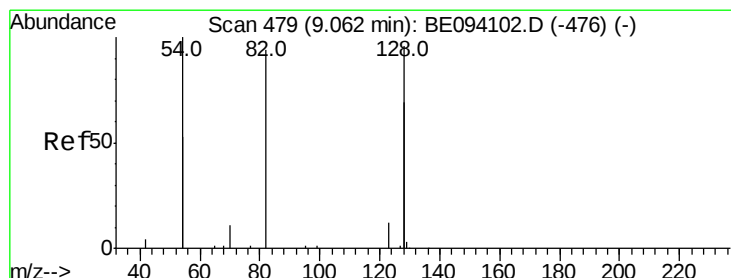
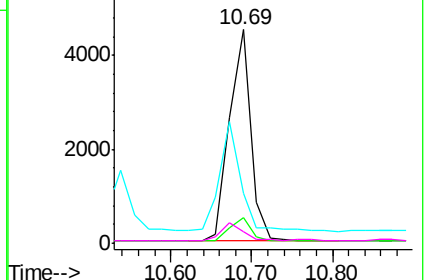
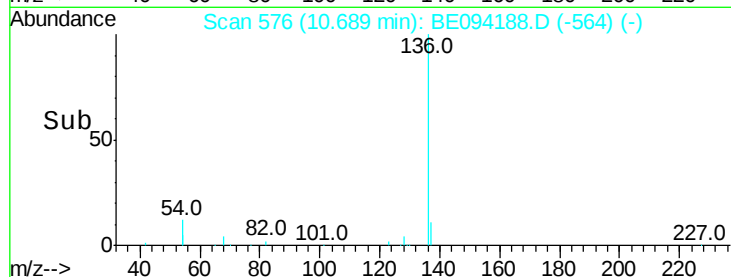


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.959 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

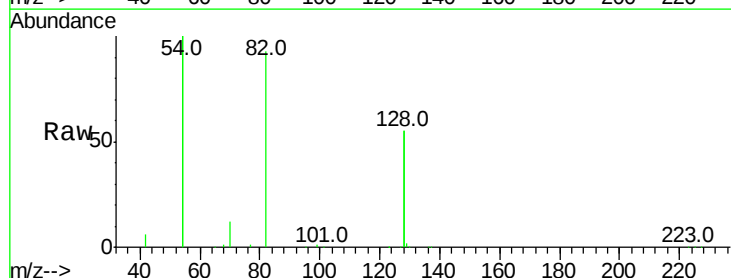
Tgt Ion: 82 Resp: 55146

Ion Ratio Lower Upper

82 100

128 117.8 150.0 225.0#

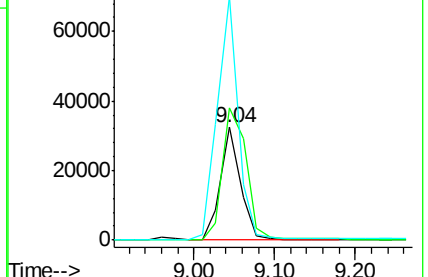
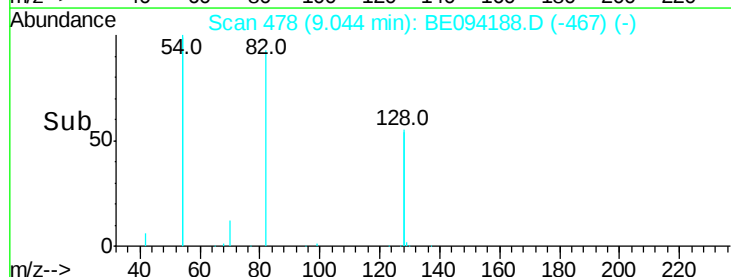
54 215.8 154.2 231.4

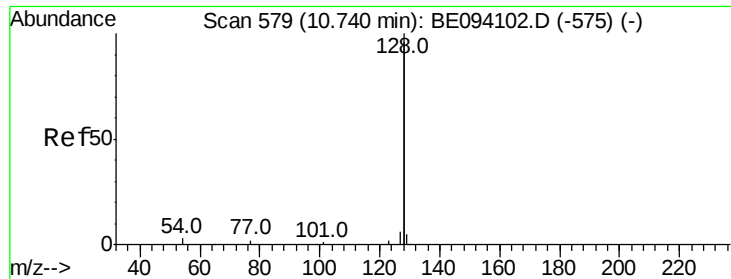


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 2.439 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

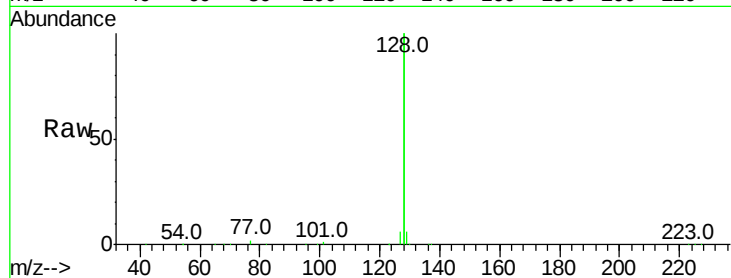
Tot Ion:128 Resp: 228585

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

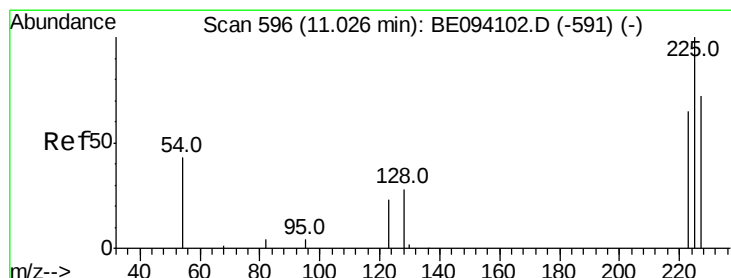
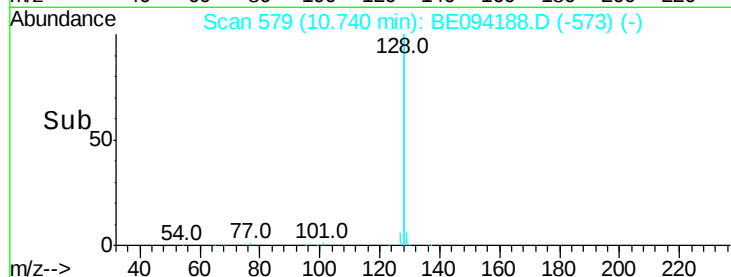
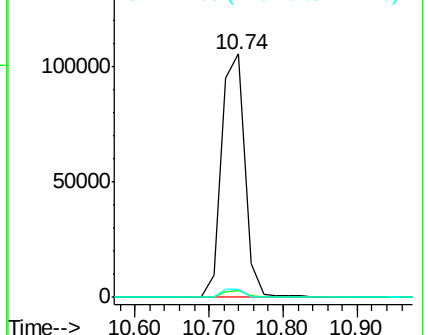
127 3.1 2.8 4.2



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: 1.867 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

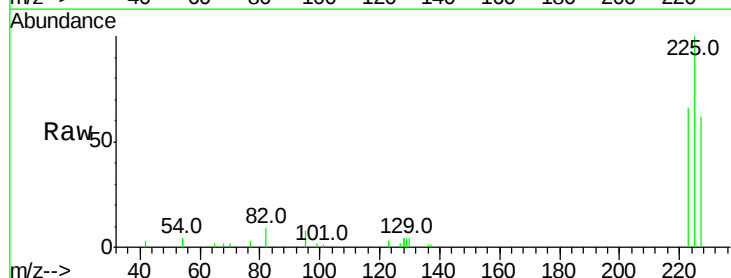
Tgt Ion:225 Resp: 6640

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

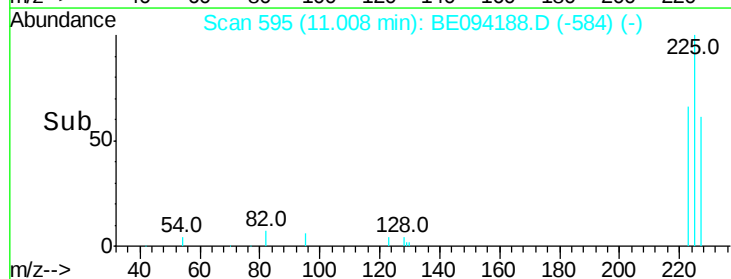
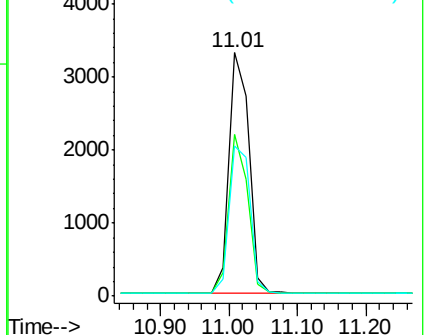
227 64.1 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.007 ng

RT: 12.23 min Scan# 808

Delta R.T. -0.05 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

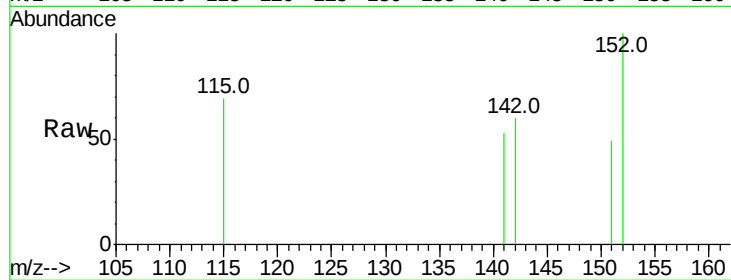
PAMT-COMP-CMSD

Tot Ion:152 Resp: 86

Ion Ratio Lower Upper

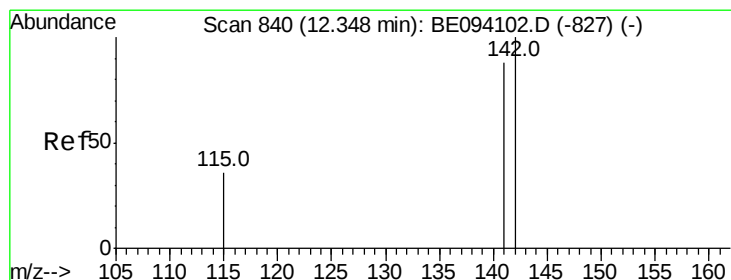
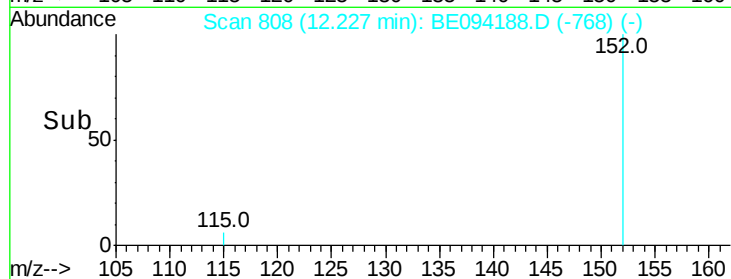
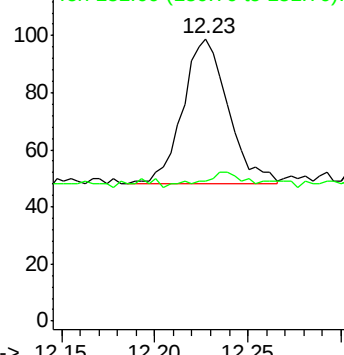
152 100

151 4.7 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 2.546 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

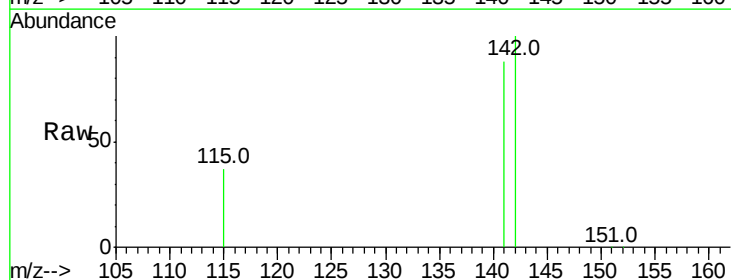
Tgt Ion:142 Resp: 39194

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

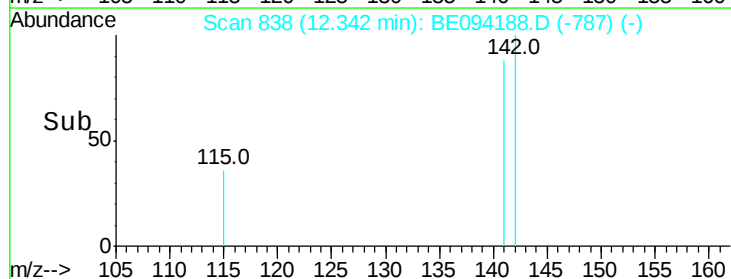
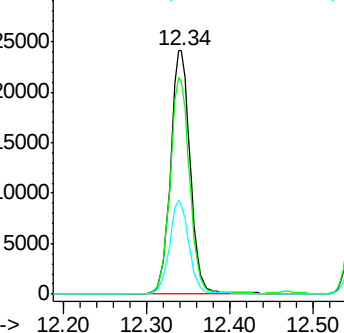
115 36.6 31.7 47.5

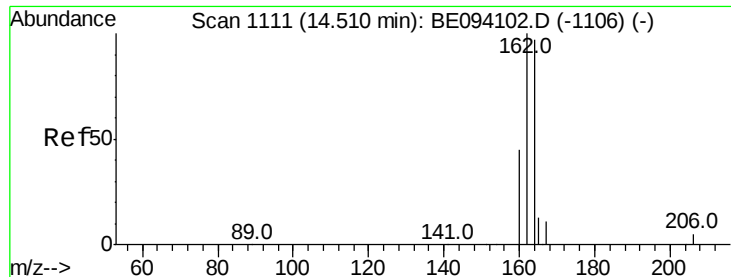


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

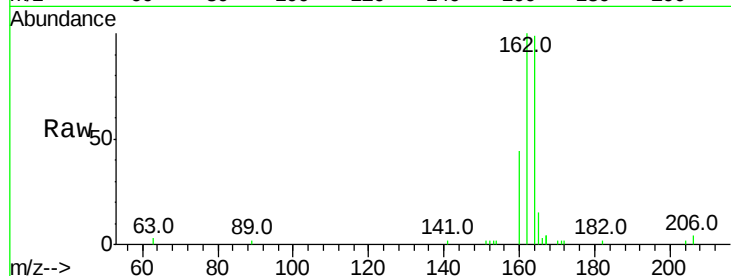
Tot Ion:164 Resp: 4945

Ion Ratio Lower Upper

164 100

162 100.7 83.1 124.7

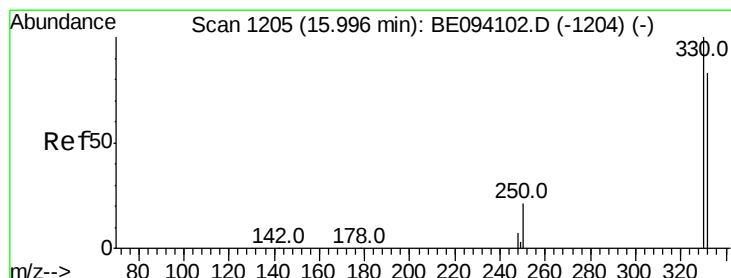
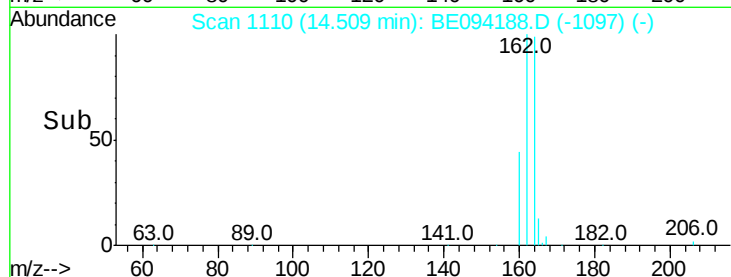
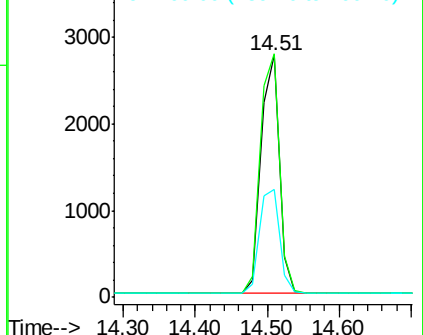
160 44.7 37.1 55.7



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: 7.410 ng

RT: 16.00 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

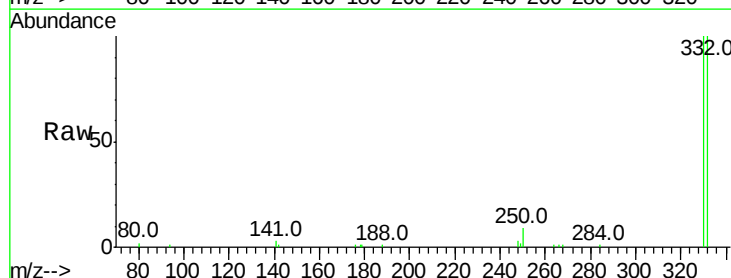
Tgt Ion:330 Resp: 15929

Ion Ratio Lower Upper

330 100

332 101.2 152.7 229.1#

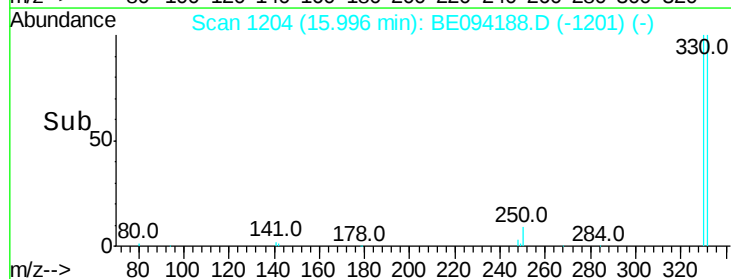
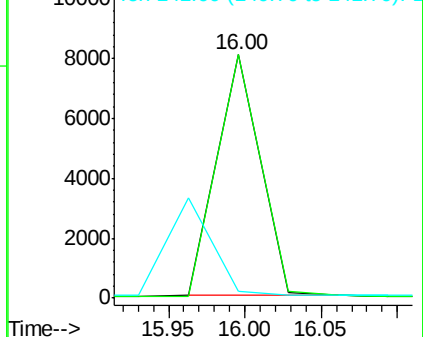
141 0.0 33.7 50.5#



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

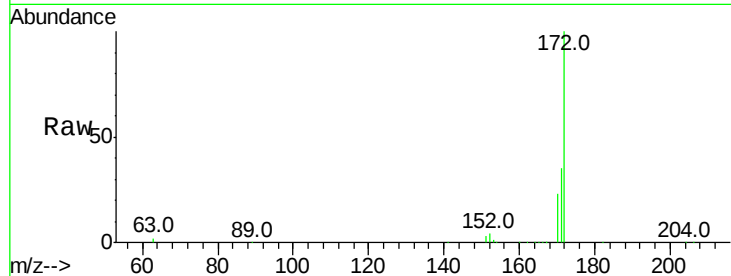




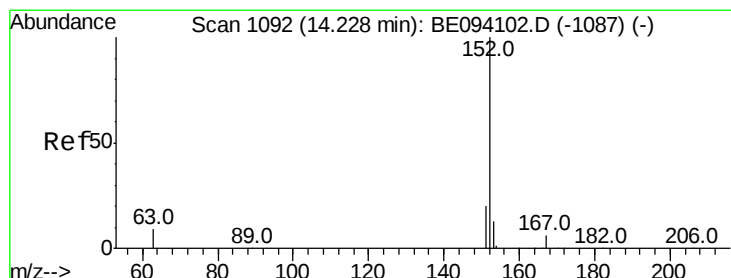
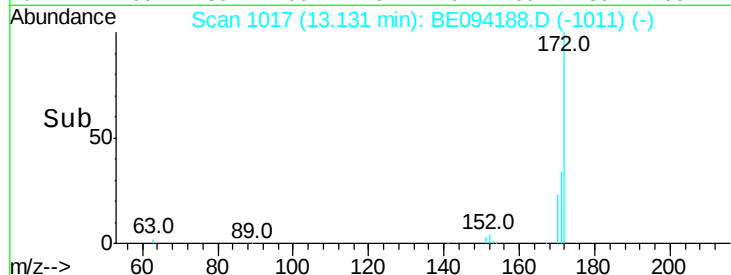
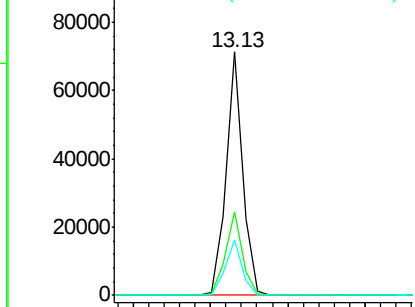
#15
2-Fluorobiphenyl
Concen: 6.236 ng
RT: 13.13 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE094188.D
Acq: 6 Oct 2017 20:38

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion:172 Resp: 105644
Ion Ratio Lower Upper
172 100
171 34.6 29.9 44.9
170 22.9 21.8 32.8

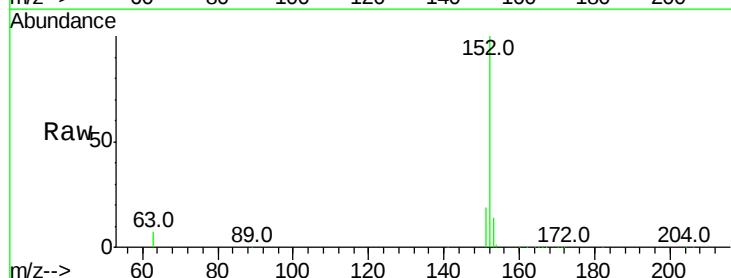


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

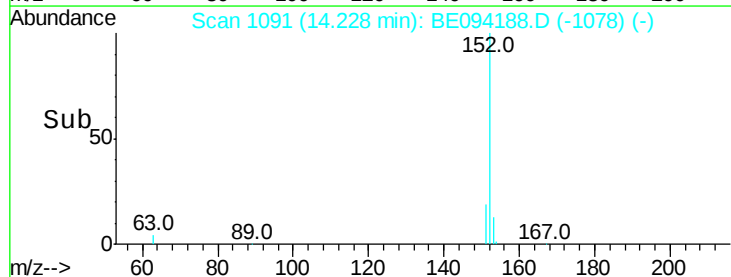
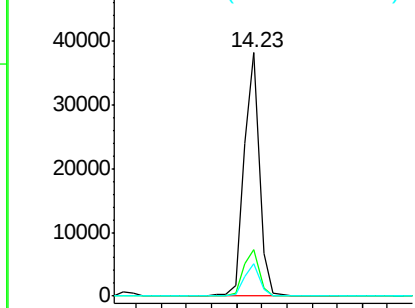


#16
Acenaphthylene
Concen: 2.540 ng
RT: 14.23 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE094188.D
Acq: 6 Oct 2017 20:38

Tgt Ion:152 Resp: 63600
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 2.326 ng

RT: 14.57 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

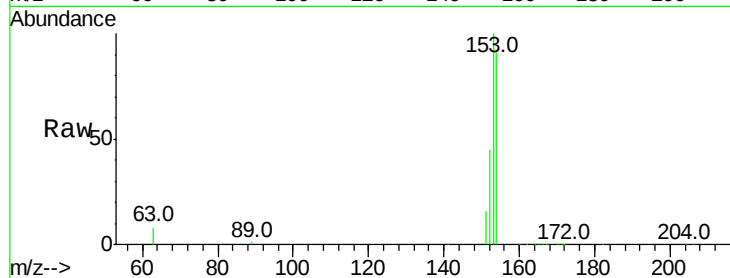
Tot Ion:154 Resp: 38477

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

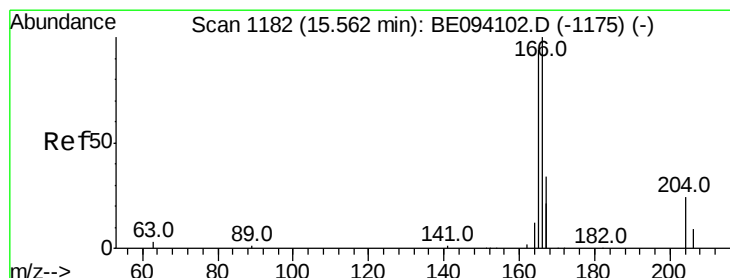
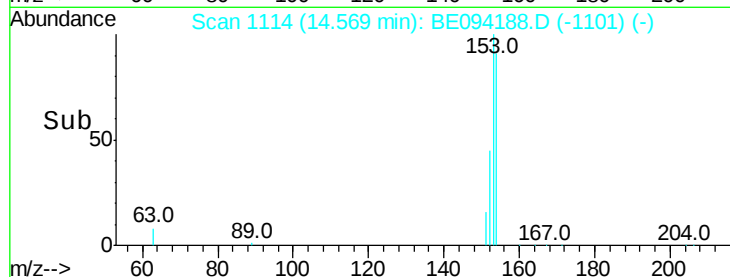
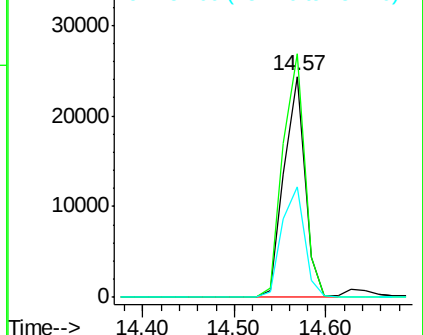
152 54.0 42.0 63.0



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: 2.362 ng

RT: 15.55 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

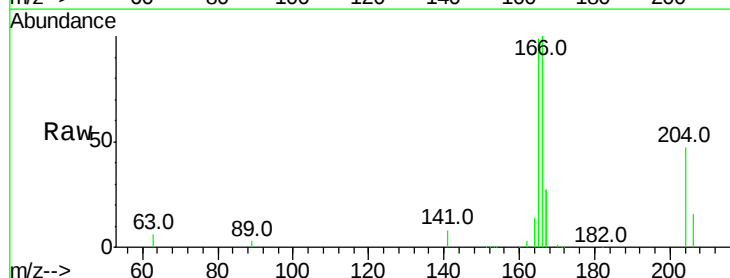
Tgt Ion:166 Resp: 51166

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

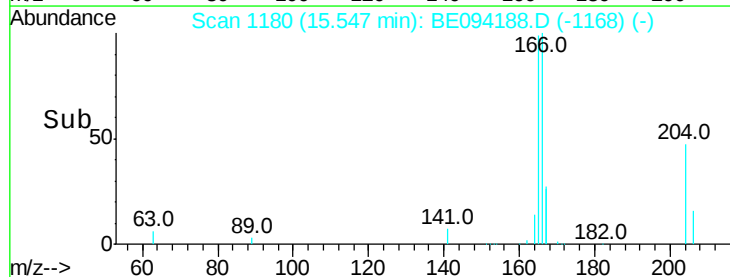
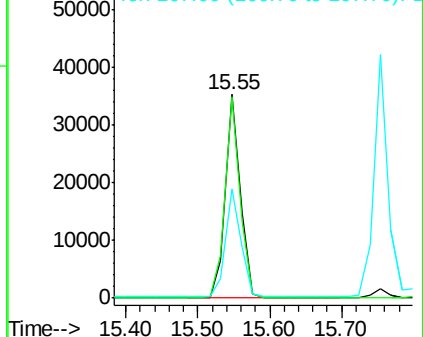
167 54.2 42.4 63.6

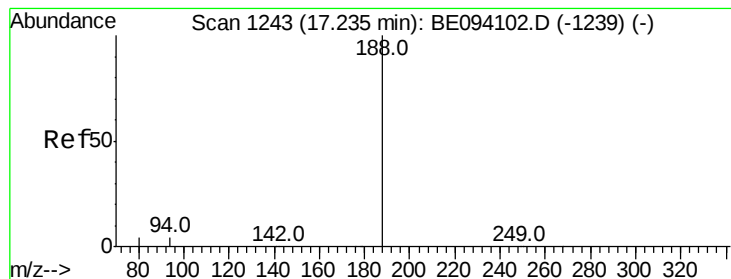


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

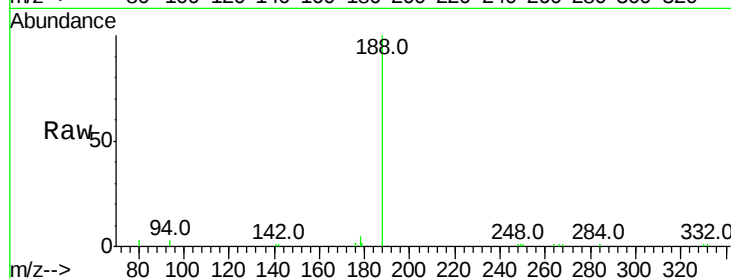
Tot Ion:188 Resp: 12612

Ion Ratio Lower Upper

188 100

94 3.5 3.9 5.9#

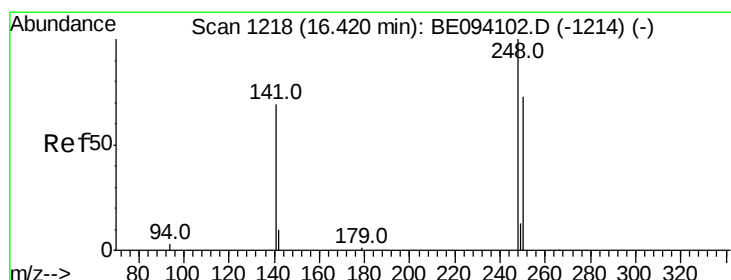
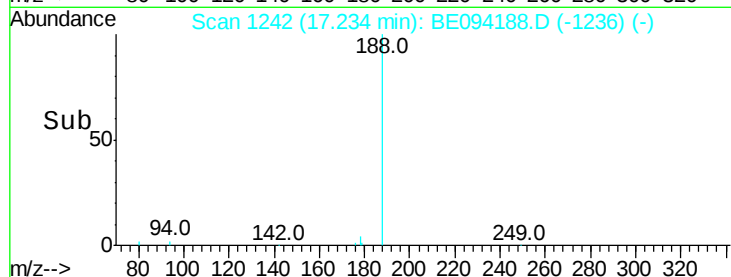
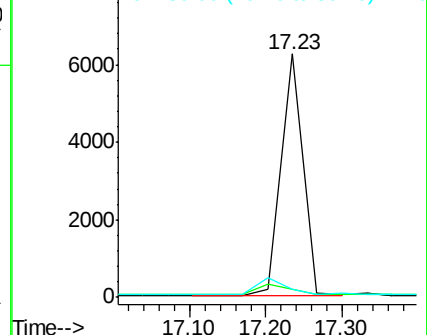
80 3.2 3.6 5.4#



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: 2.737 ng

RT: 16.42 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

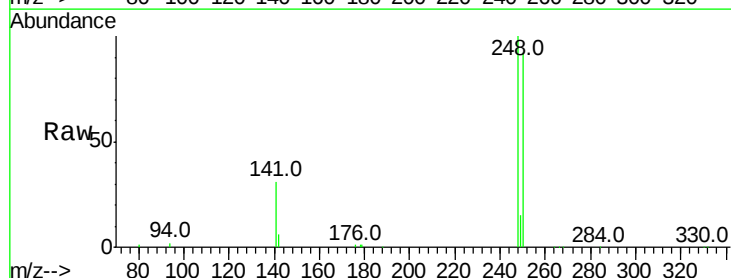
Tgt Ion:248 Resp: 19891

Ion Ratio Lower Upper

248 100

250 92.1 62.7 94.1

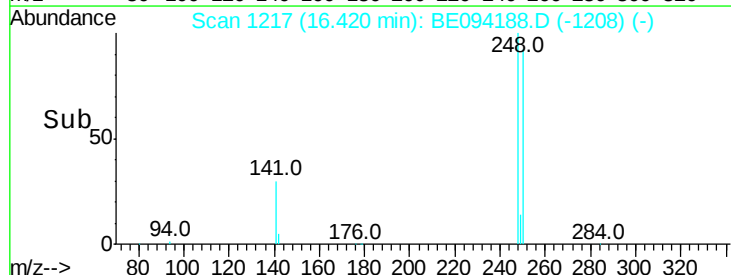
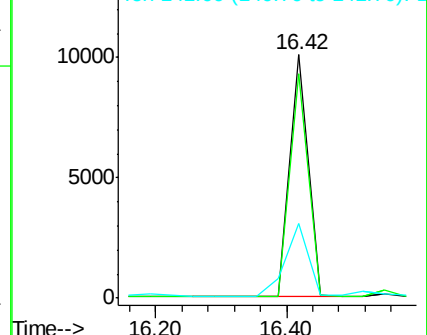
141 30.8 48.2 72.2#

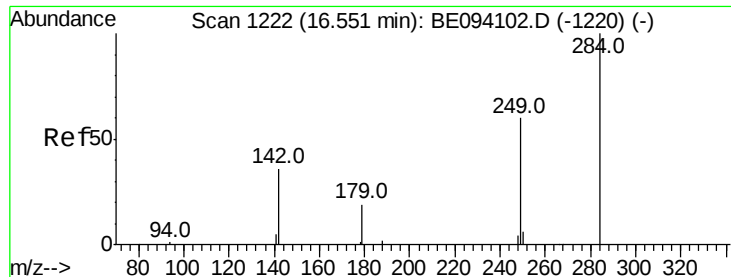


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.285 ng

RT: 16.55 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

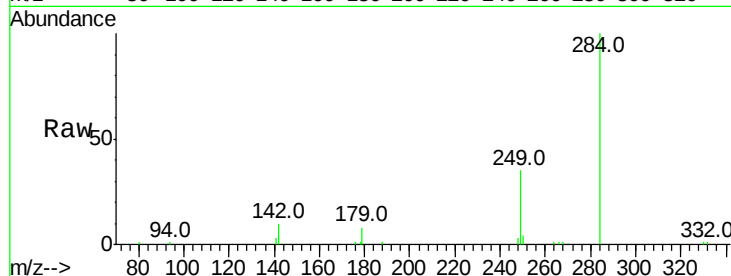
Tot Ion:284 Resp: 14915

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

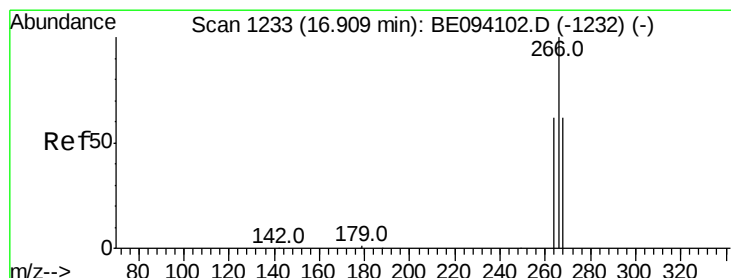
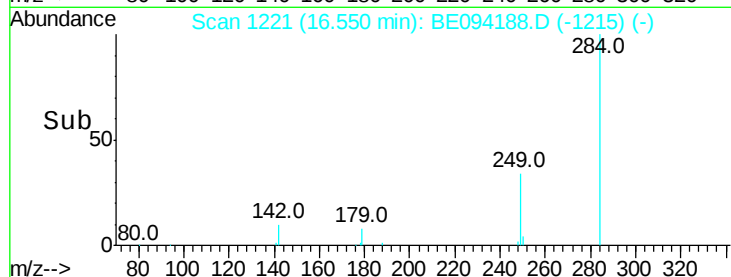
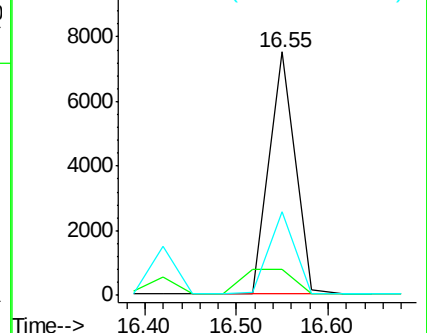
249 34.0 34.8 52.2#



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: 3.852 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

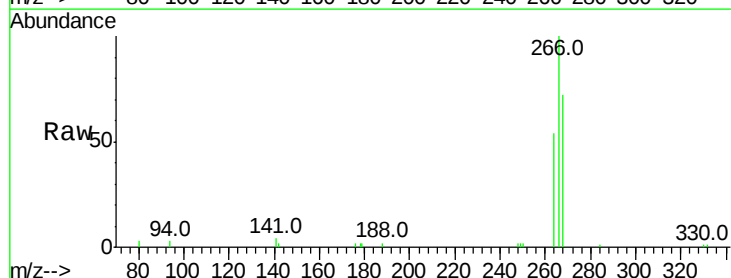
Tgt Ion:266 Resp: 6815

Ion Ratio Lower Upper

266 100

264 54.4 72.5 108.7#

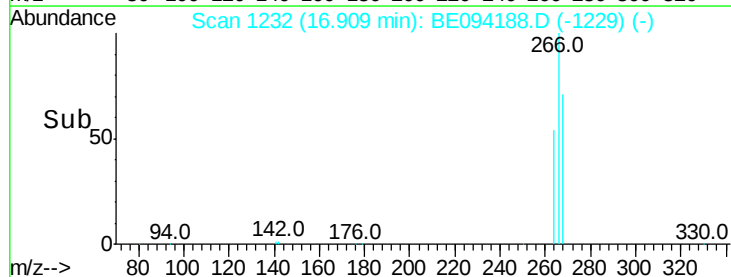
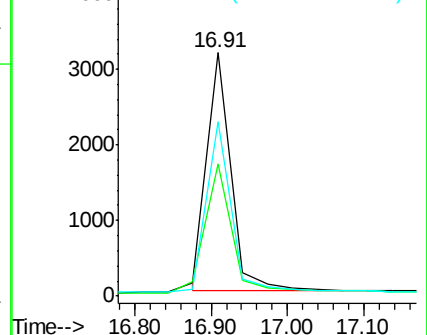
268 71.6 73.8 110.6#



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: 2.574 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

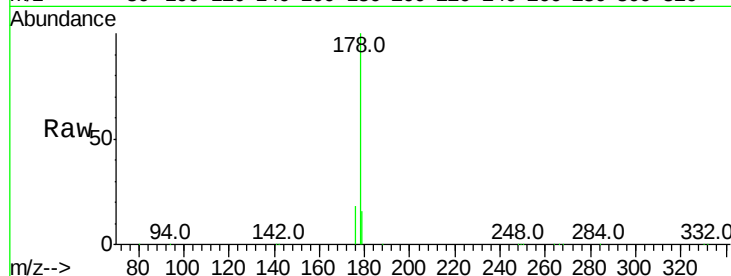
BNA_E

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:178 Resp: 112500

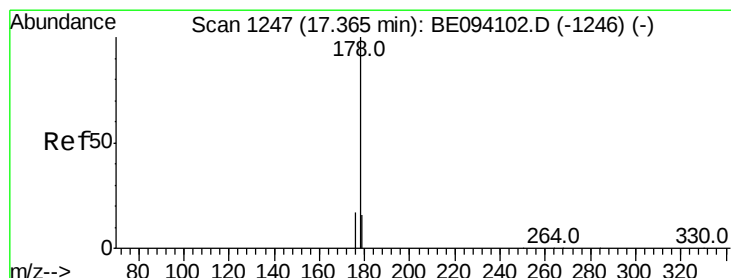
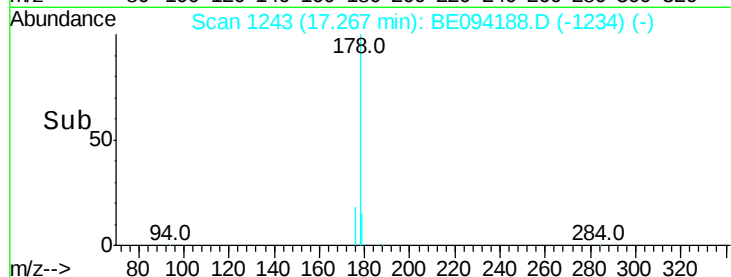
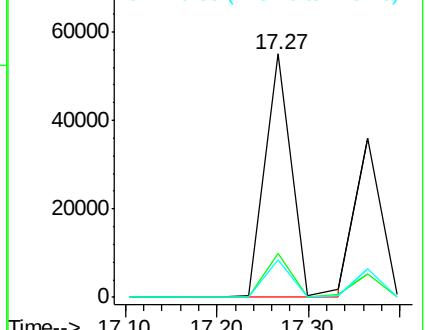
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.3	11.8	17.6



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: 2.150 ng

RT: 17.36 min Scan# 1246

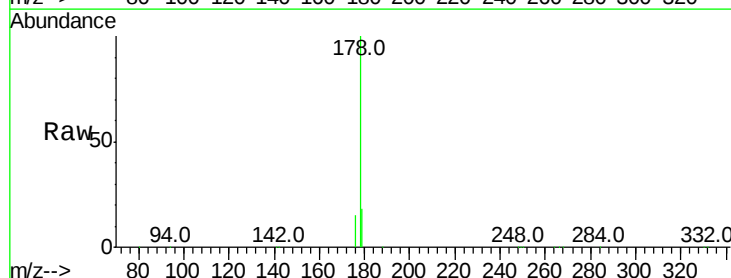
Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Tgt Ion:178 Resp: 71668

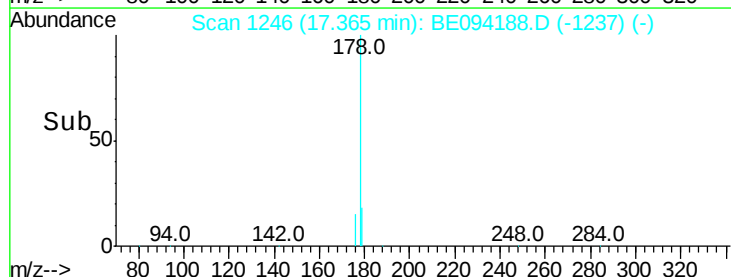
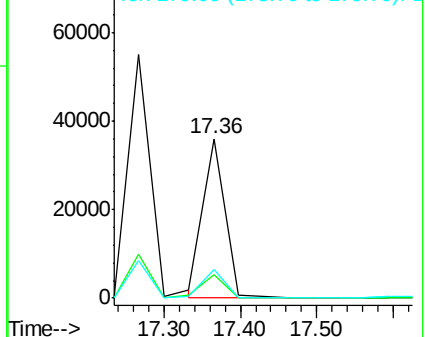
Ion	Ratio	Lower	Upper
178	100		
176	14.9	12.8	19.2
179	17.5	13.0	19.6



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: 19.26 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

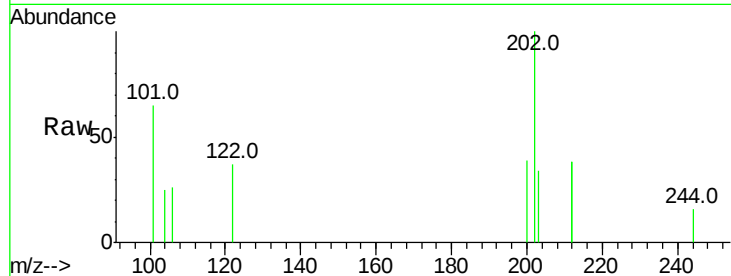
Tot Ion:212 Resp: 41

Ion Ratio Lower Upper

212 100

106 75.6 2.8 4.2#

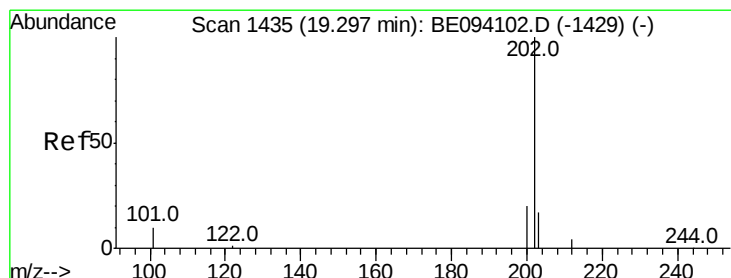
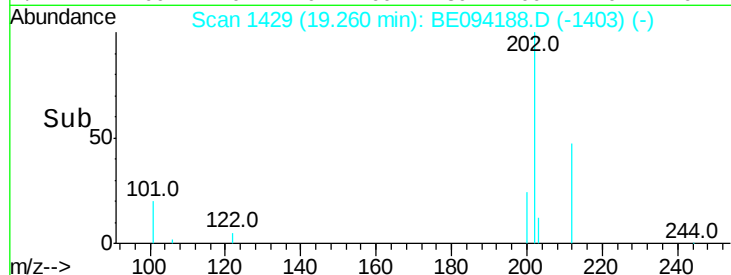
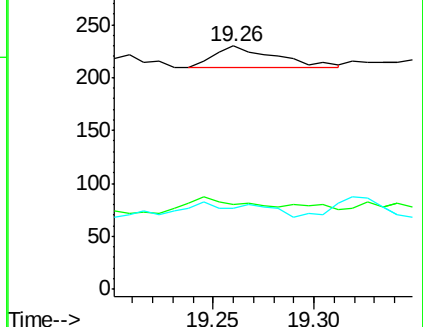
104 70.7 1.6 2.4#



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: 2.367 ng

RT: 19.29 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

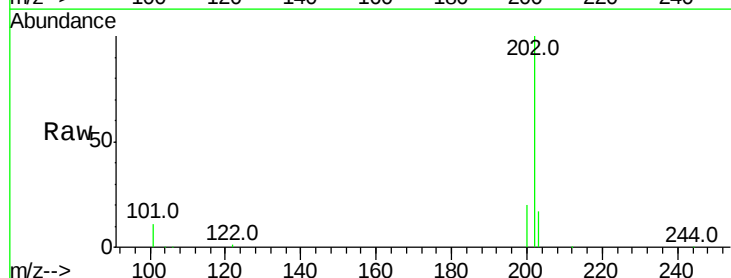
Tgt Ion:202 Resp: 90707

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

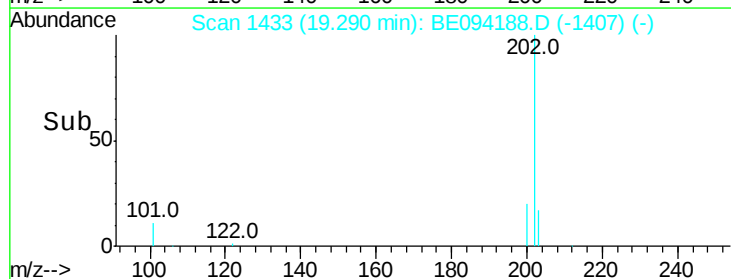
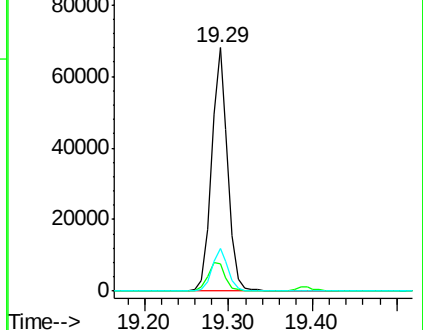
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

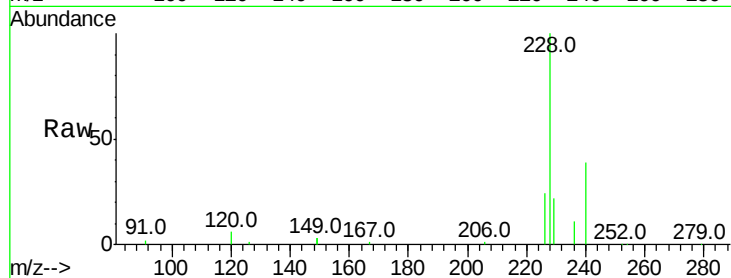
Tot Ion:240 Resp: 11805

Ion Ratio Lower Upper

240 100

120 14.6 5.5 8.3#

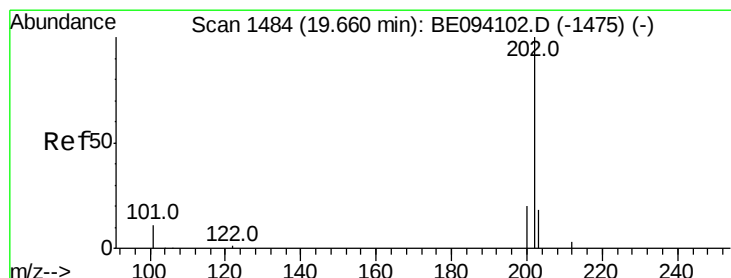
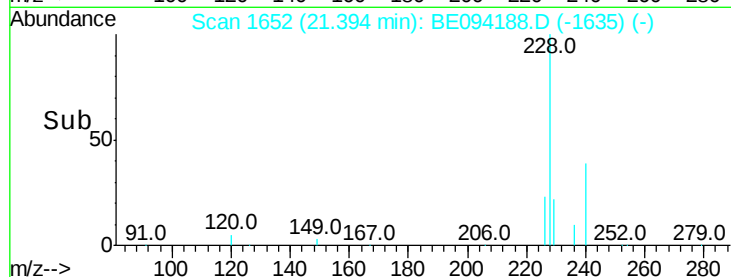
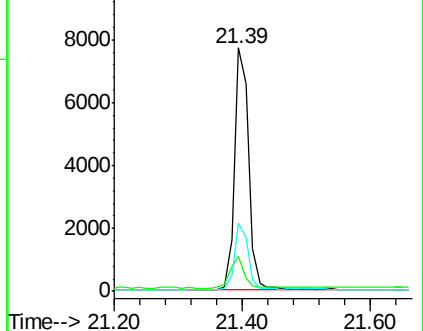
236 27.8 20.7 31.1



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: 2.313 ng

RT: 19.65 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

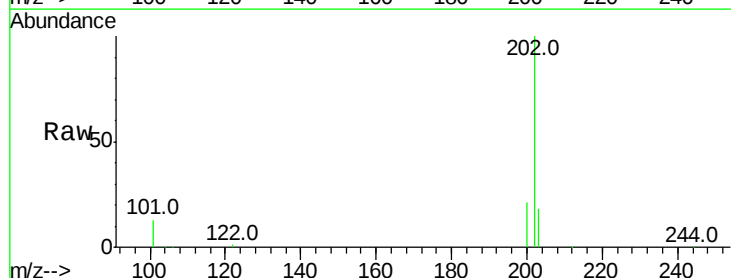
Tgt Ion:202 Resp: 93916

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

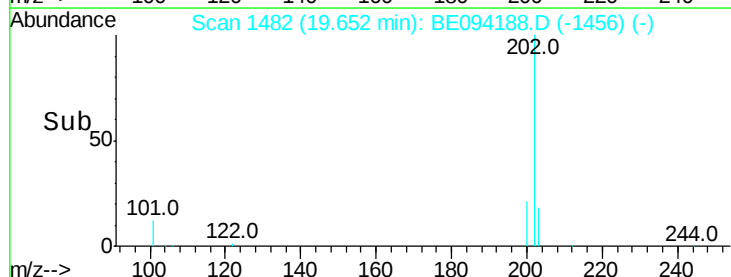
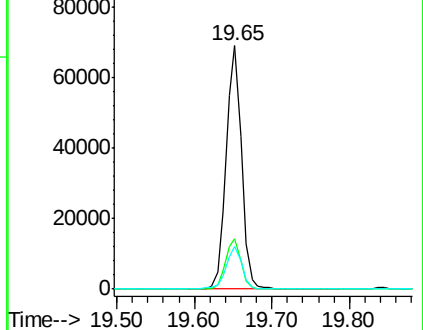
203 18.1 13.8 20.8

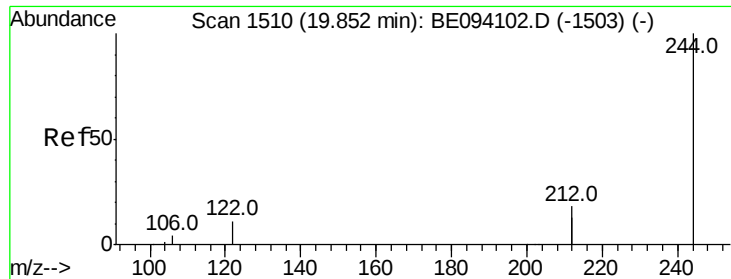


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.391 ng

RT: 19.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

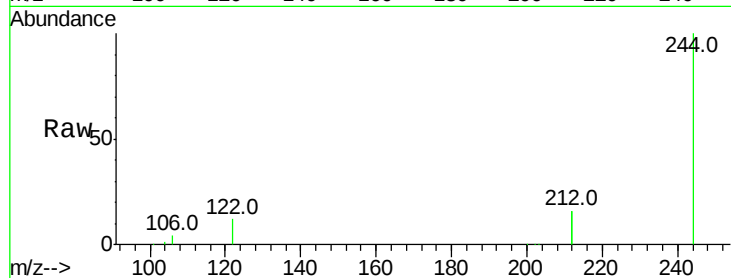
Tot Ion:244 Resp: 97894

Ion Ratio Lower Upper

244 100

212 32.6 25.4 38.0

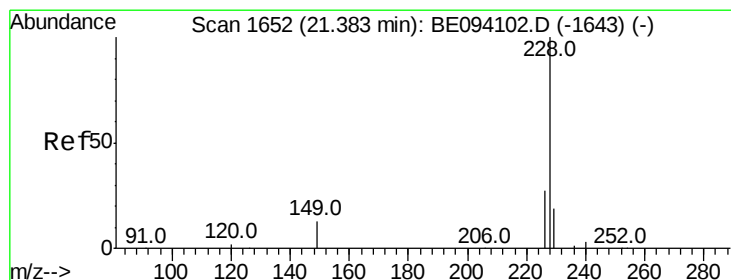
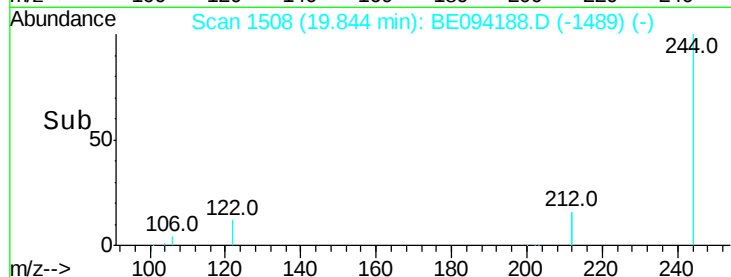
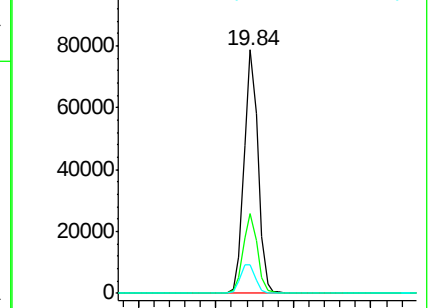
122 12.0 8.1 12.1



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: 2.219 ng

RT: 21.38 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

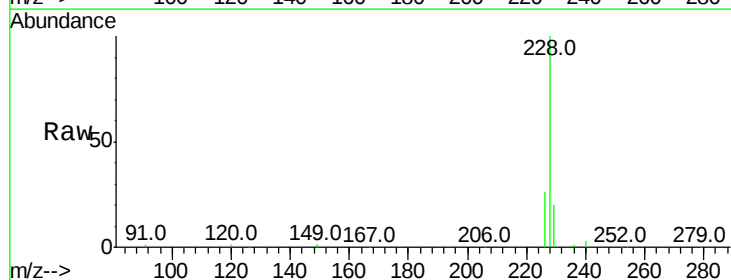
Tgt Ion:228 Resp: 86089

Ion Ratio Lower Upper

228 100

226 26.0 21.4 32.0

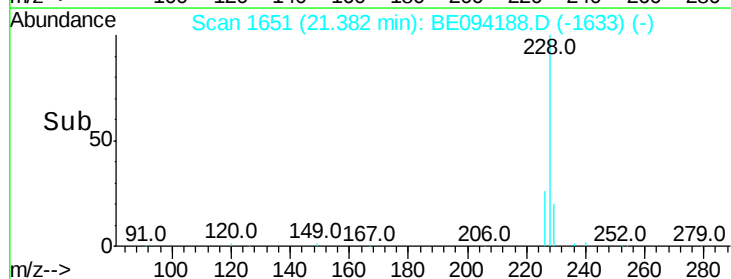
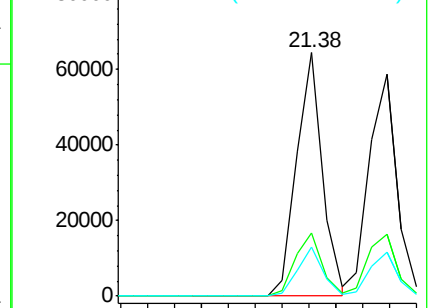
229 20.3 16.4 24.6



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: 2.234 ng

RT: 21.44 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

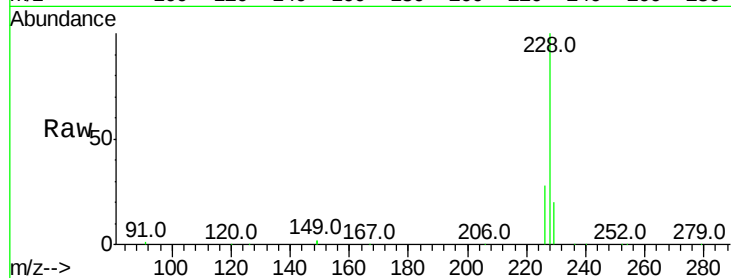
Tot Ion:228 Resp: 85512

Ion Ratio Lower Upper

228 100

226 28.1 23.6 35.4

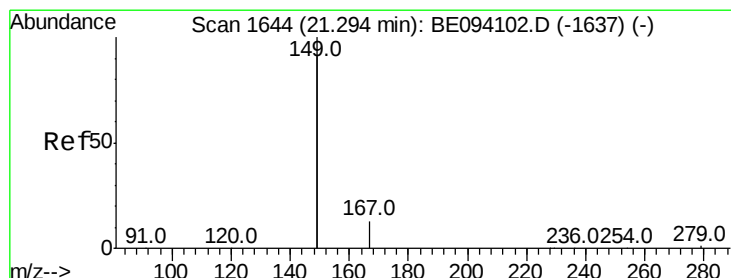
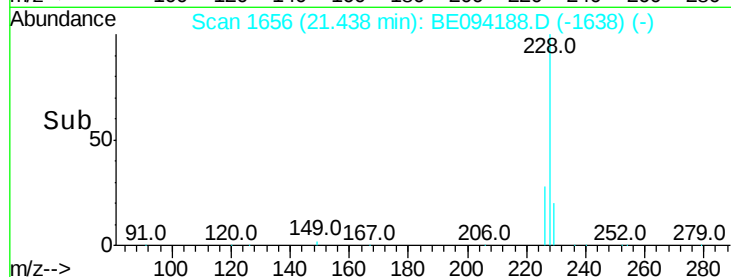
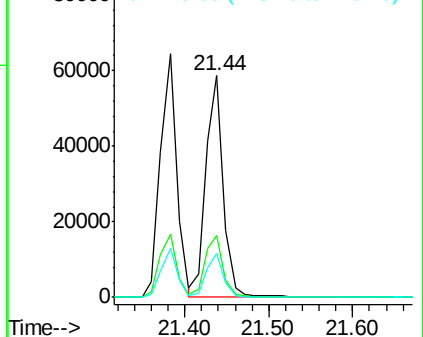
229 20.0 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.381 ng

RT: 21.28 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

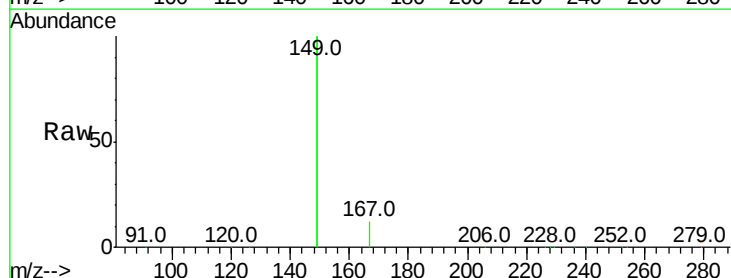
Tgt Ion:149 Resp: 302044

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

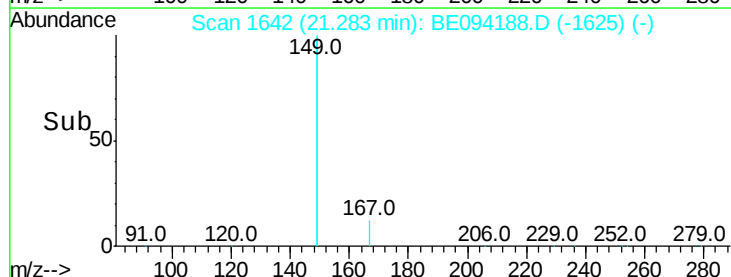
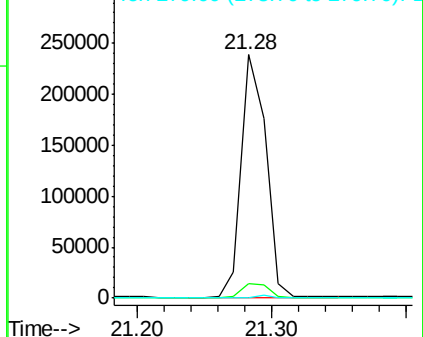
279 0.9 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 2.241 ng

RT: 26.54 min Scan# 2693

Delta R.T. -0.02 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

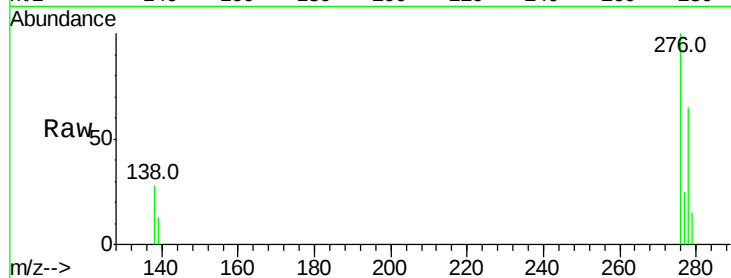
Tot Ion:276 Resp: 85147

Ion Ratio Lower Upper

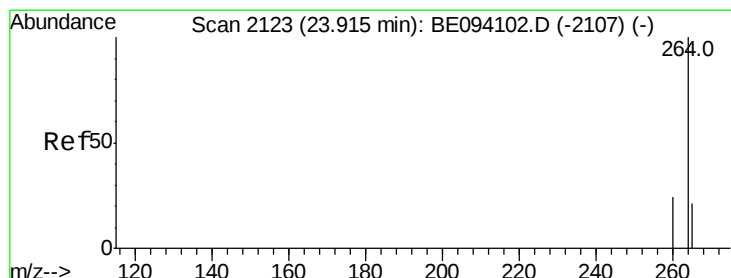
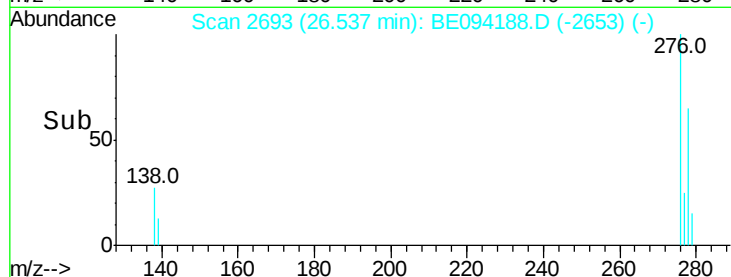
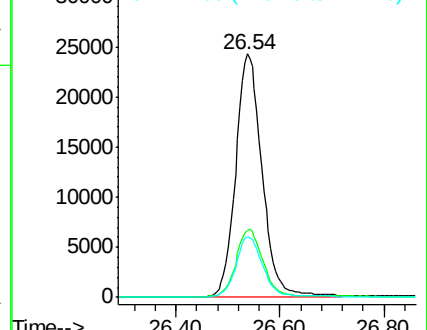
276 100

138 28.3 22.5 33.7

277 25.1 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# 2119

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

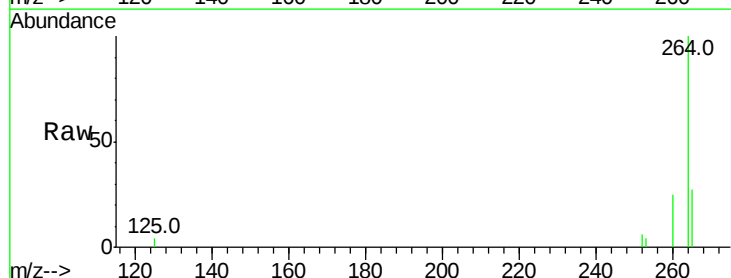
Tgt Ion:264 Resp: 10730

Ion Ratio Lower Upper

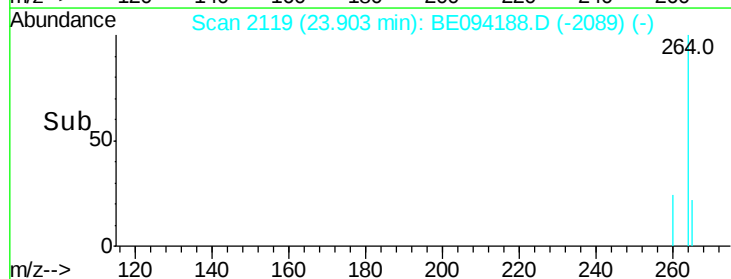
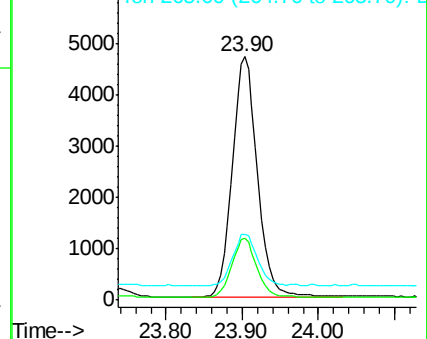
264 100

260 25.2 20.5 30.7

265 27.2 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

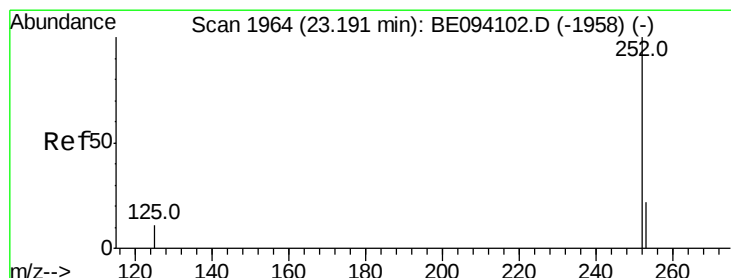
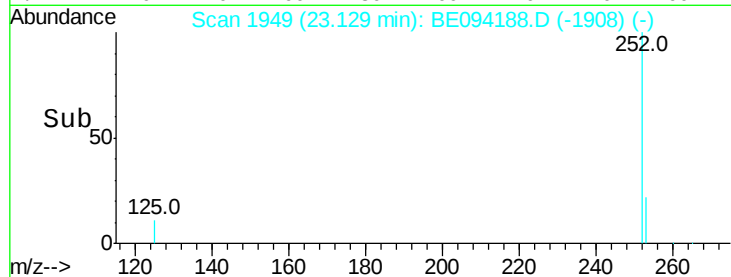
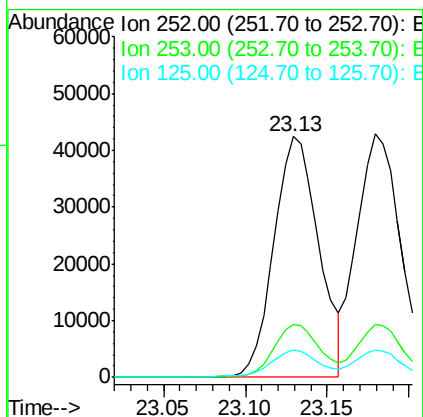
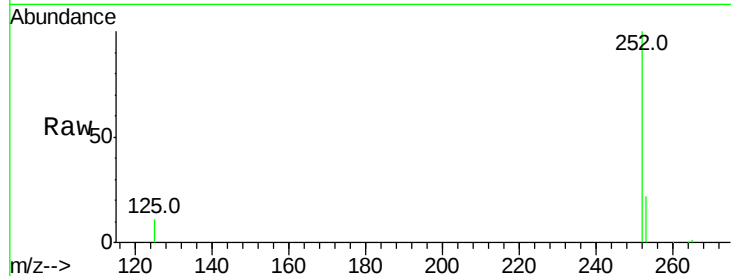




#35
Benzo(b)fluoranthene
Concen: 2.235 ng
RT: 23.13 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BE094188.D
Acq: 6 Oct 2017 20:38

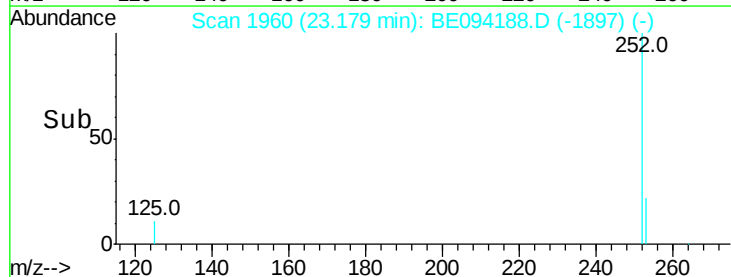
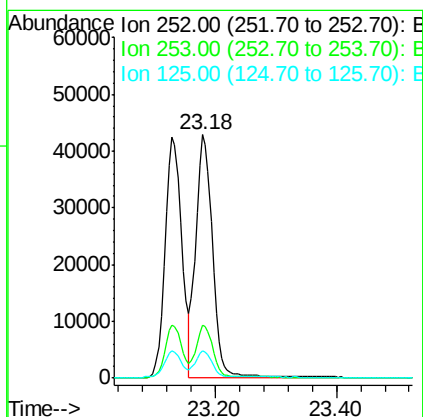
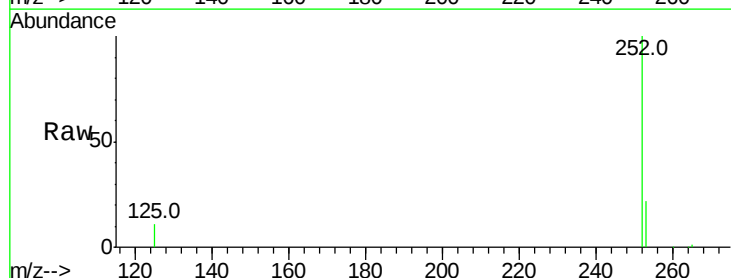
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion:252 Resp: 80678
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 11.5 10.1 15.1



#36
Benzo(k)fluoranthene
Concen: 2.223 ng
RT: 23.18 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BE094188.D
Acq: 6 Oct 2017 20:38

Tgt Ion:252 Resp: 81558
Ion Ratio Lower Upper
252 100
253 22.0 18.6 27.8
125 11.3 10.7 16.1





#37

Benzo(a)pyrene

Concen: 2.217 ng

RT: 23.79 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD

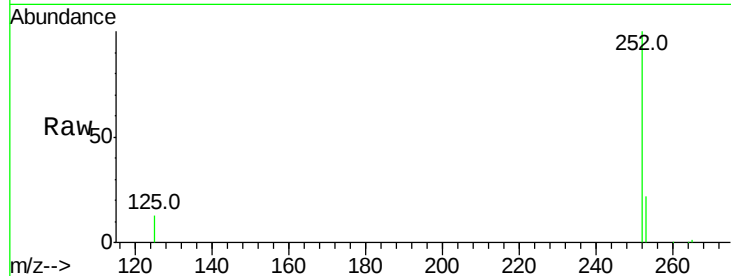
Tot Ion:252 Resp: 75633

Ion Ratio Lower Upper

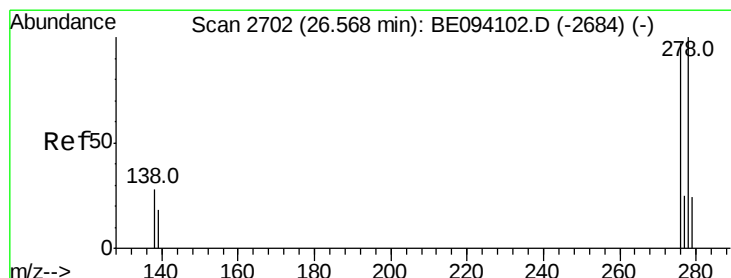
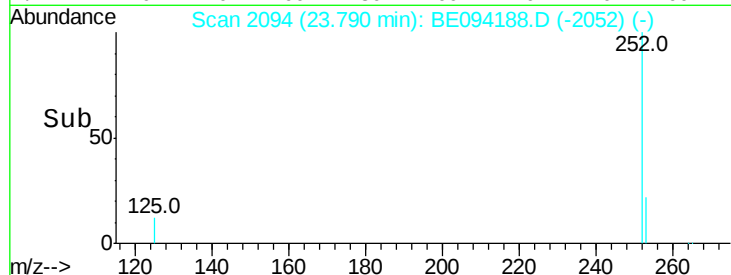
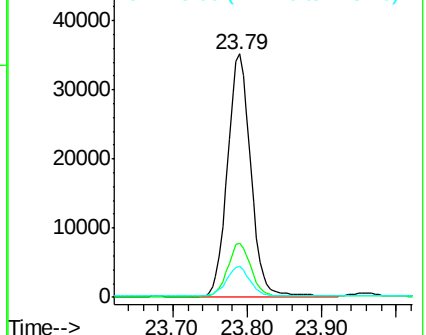
252 100

253 22.4 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: 2.281 ng

RT: 26.56 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BE094188.D

Acq: 6 Oct 2017 20:38

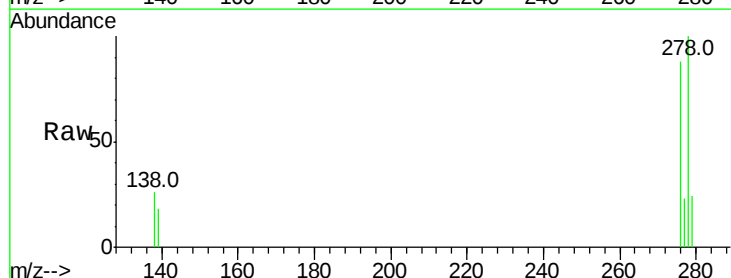
Tgt Ion:278 Resp: 72151

Ion Ratio Lower Upper

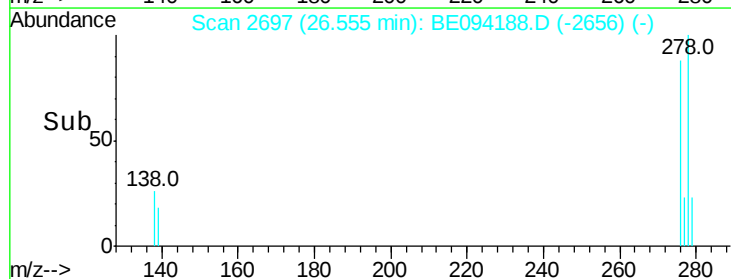
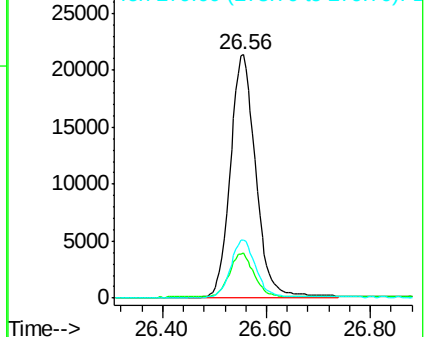
278 100

139 18.3 16.3 24.5

279 23.7 19.9 29.9



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





#39

Benzo(a,h,i)perylene

Concen: 2.194 ng

RT: 27.35 min Scan# 2872

Delta R.T. -0.02 min

Lab File: BE094188.D

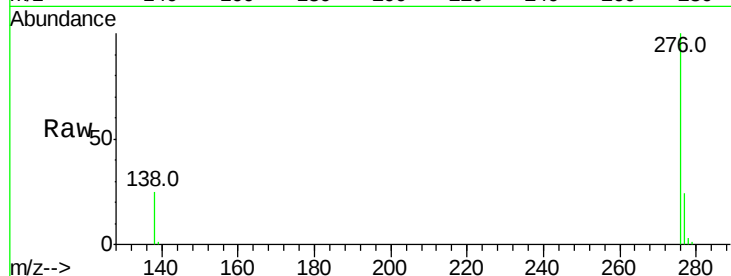
Acq: 6 Oct 2017 20:38

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-CMSD



Tot Ion: 276 Resp: 70878

Ion Ratio Lower Upper

276 100

277 23.8 20.8 31.2

138 24.7 21.5 32.3

