

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094192.D
 Acq On : 6 Oct 2017 23:07
 Operator : SJ/JU
 Sample : I5571-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 07 01:15:49 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	1678	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8367	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4789	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11851	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11181	0.40	ng	0.00
34) Perylene-d12	23.90	264	9960	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	317288	56.74	ng	0.00
5) Phenol-d6	7.09	99	358968	44.28	ng	0.00
8) Nitrobenzene-d5	9.04	82	640022	91.87	ng	-0.02
11) 2-Methylnaphthalene-d10	12.23	152	91306	7.08	ng	-0.05
14) 2,4,6-Tribromophenol	16.00	330	230565	110.75	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	1231548	75.07	ng	0.00
25) Fluoranthene-d10	19.26	212	234	0.00	ng	0.00
29) Terphenyl-d14	19.85	244	1365931	64.69	ng	0.00

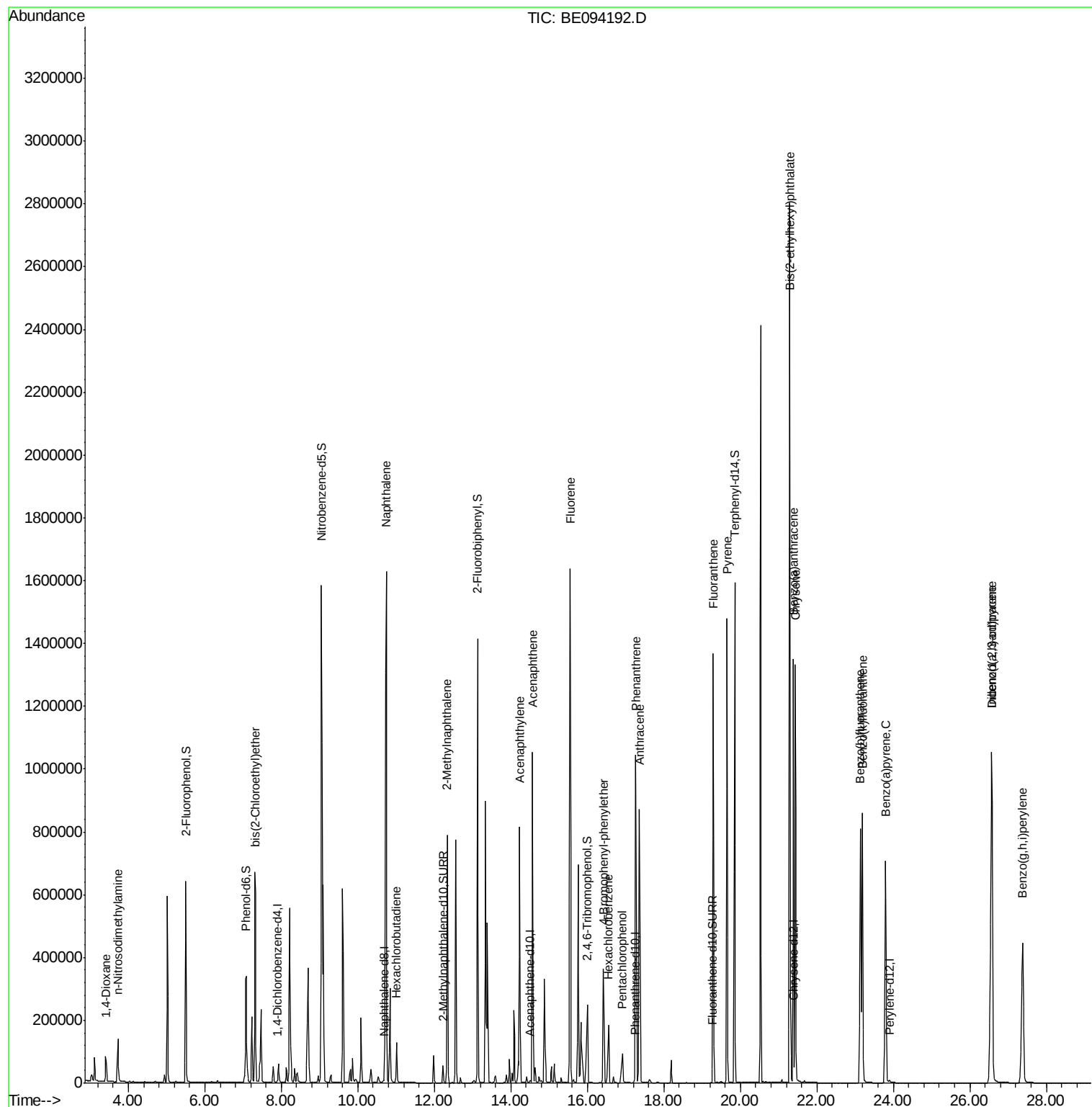
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	52666	17.322	ng	# 80
3) n-Nitrosodimethylamine	3.72	42	81658	25.041	ng	# 93
6) bis(2-Chloroethyl)ether	7.33	93	240717	36.582	ng	95
9) Naphthalene	10.74	128	3032290	32.179	ng	99
10) Hexachlorobutadiene	11.01	225	103348	28.905	ng	98
12) 2-Methylnaphthalene	12.34	142	544627	35.184	ng	98
16) Acenaphthylene	14.23	152	887094	36.579	ng	99
17) Acenaphthene	14.57	154	533671	33.316	ng	98
18) Fluorene	15.55	166	702685	33.489	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	292267	42.799	ng	# 77
21) Hexachlorobenzene	16.55	284	218050	35.543	ng	# 91
22) Pentachlorophenol	16.91	266	83572	50.273	ng	# 71
23) Phenanthrene	17.27	178	1574791	38.339	ng	99
24) Anthracene	17.37	178	1286398	41.077	ng	99
26) Fluoranthene	19.29	202	1303341	36.188	ng	99
28) Pyrene	19.65	202	1344808	34.967	ng	98
30) Benzo(a)anthracene	21.38	228	1280397	34.849	ng	98
31) Chrysene	21.44	228	1212109	33.440	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	3282482	38.793	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	1308412	36.357	ng	99
35) Benzo(b)fluoranthene	23.14	252	1221151	36.450	ng	98
36) Benzo(k)fluoranthene	23.19	252	1177266	34.571	ng	97
37) Benzo(a)pyrene	23.80	252	1146103	36.199	ng	95
38) Dibenzo(a,h)anthracene	26.58	278	1108608	37.766	ng	96
39) Benzo(g,h,i)perylene	27.38	276	1083176	36.122	ng	95

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094192.D
Acq On : 6 Oct 2017 23:07
Operator : SJ/JU
Sample : I5571-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 07 01:15:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

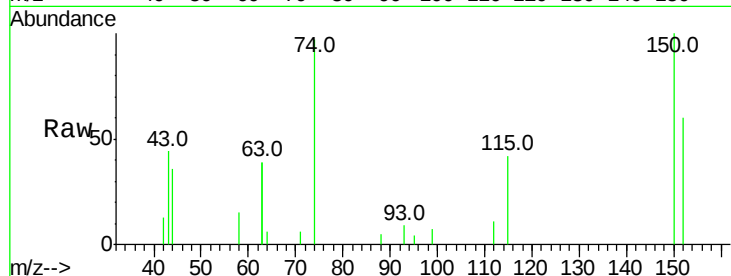
Tot Ion:152 Resp: 1678

Ion Ratio Lower Upper

152 100

150 166.2 117.2 175.8

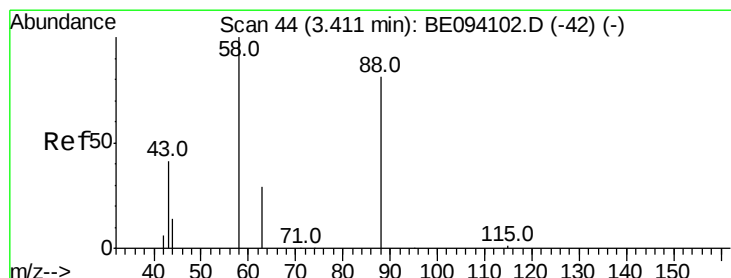
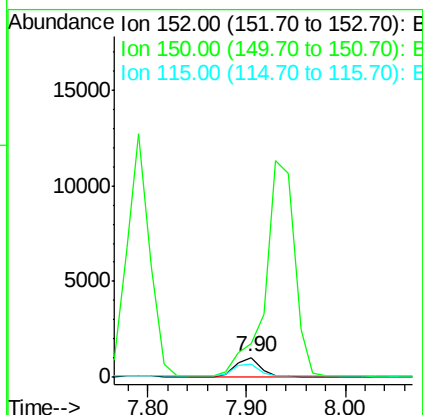
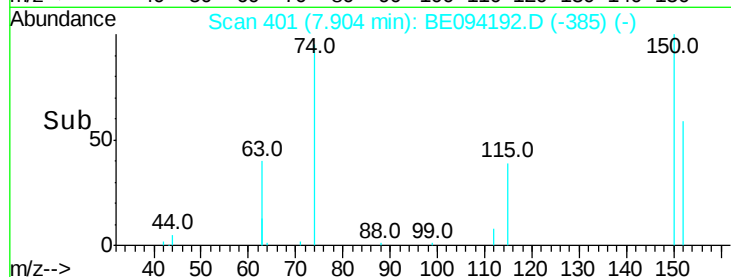
115 69.1 57.0 85.6



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: 17.322 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

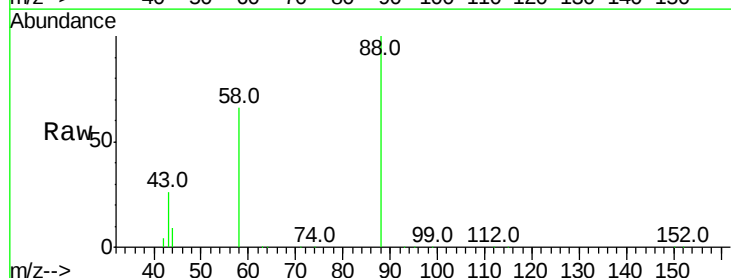
Tgt Ion: 88 Resp: 52666

Ion Ratio Lower Upper

88 100

58 95.6 63.2 94.8#

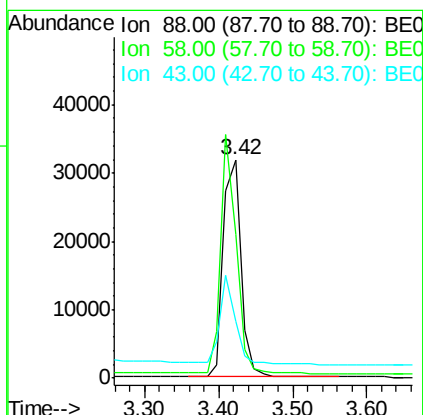
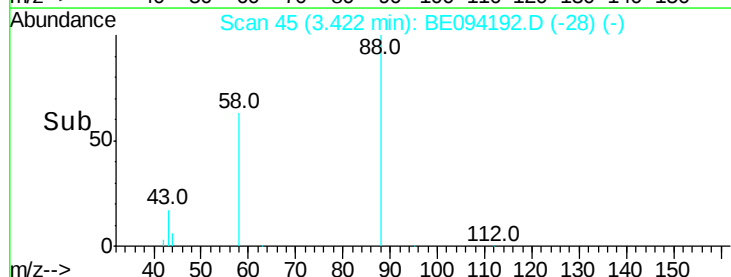
43 36.7 41.2 61.8#



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



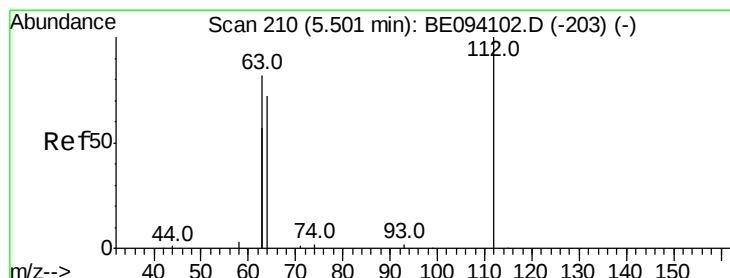
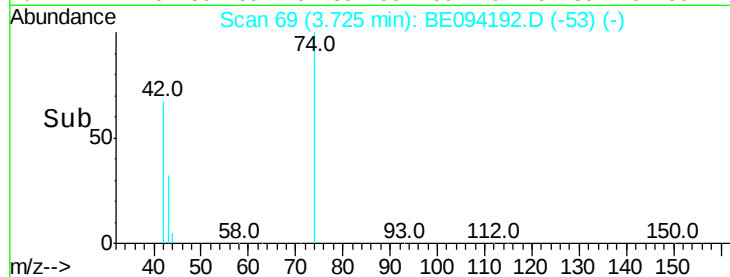
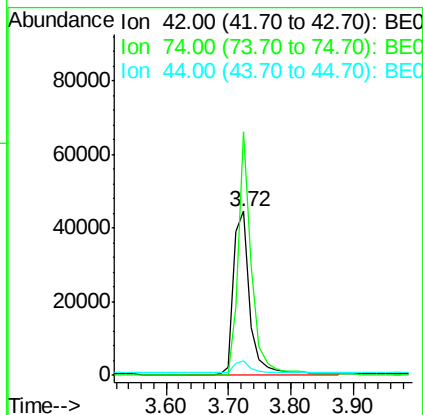
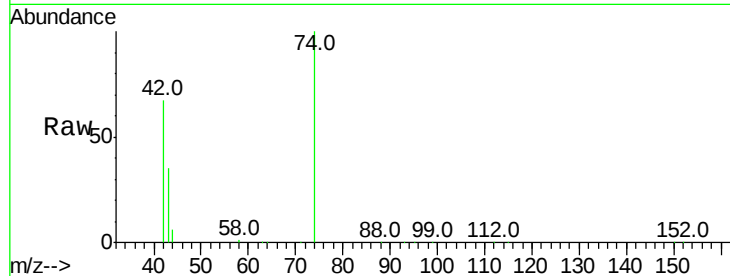


#3

n-Nitrosodimethylamine
 Concen: 25.041 ng
 RT: 3.72 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: BE094192.D
 Acq: 6 Oct 2017 23:07

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

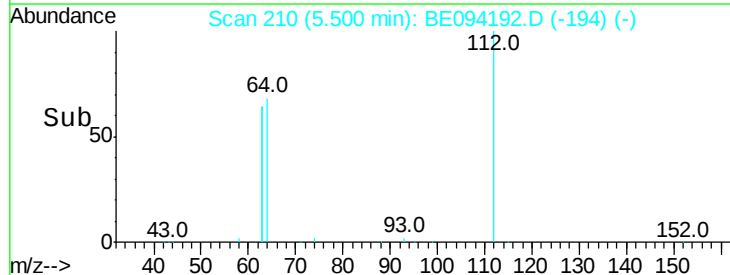
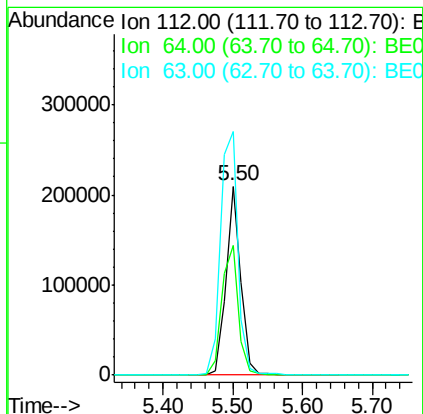
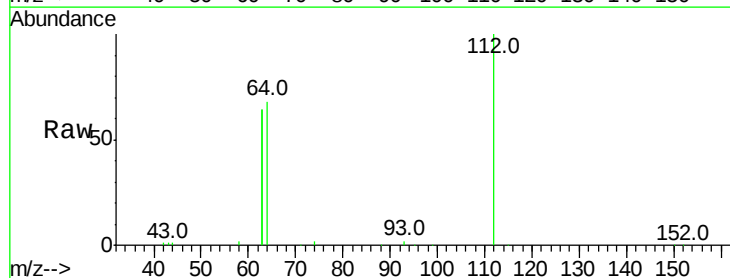
Tot Ion: 42 Resp: 81658
 Ion Ratio Lower Upper
 42 100
 74 122.2 100.3 150.5
 44 7.1 17.0 25.4#



#4

2-Fluorophenol
 Concen: 56.742 ng
 RT: 5.50 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BE094192.D
 Acq: 6 Oct 2017 23:07

Tgt Ion: 112 Resp: 317288
 Ion Ratio Lower Upper
 112 100
 64 75.6 60.1 90.1
 63 150.6 116.8 175.2





#5

Phenol-d6

Concen: 44.281 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

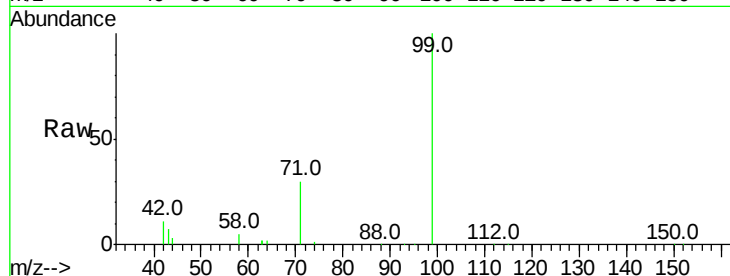
Tot Ion: 99 Resp: 358968

Ion Ratio Lower Upper

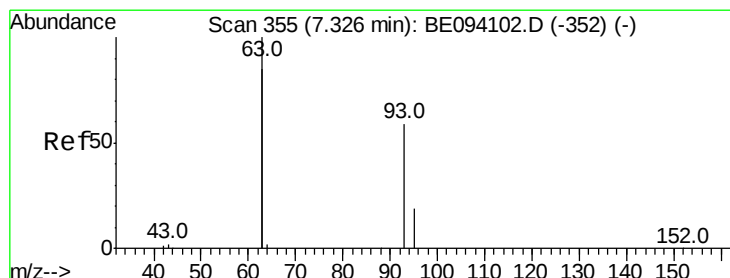
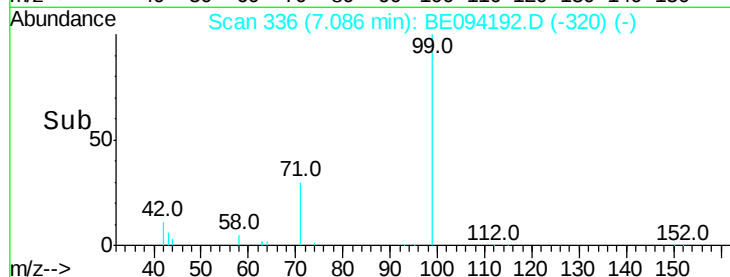
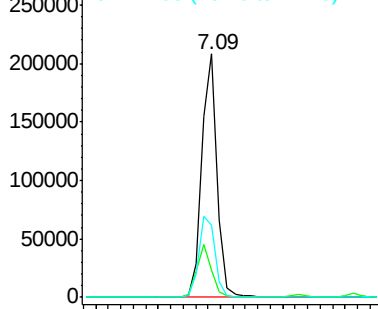
99 100

42 21.1 20.2 30.2

71 35.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 36.582 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

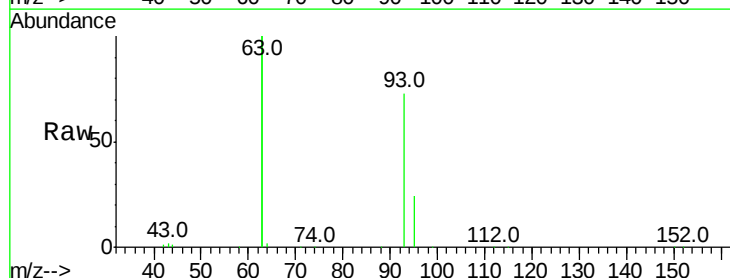
Tgt Ion: 93 Resp: 240717

Ion Ratio Lower Upper

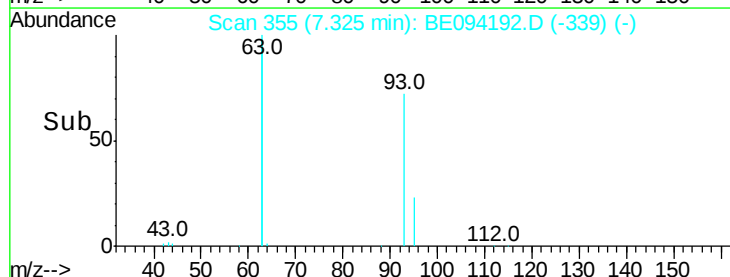
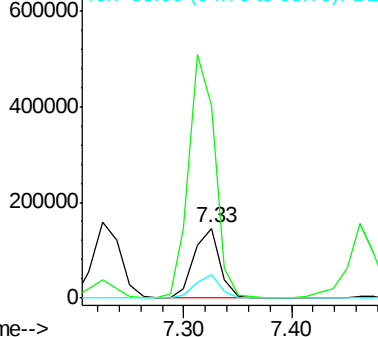
93 100

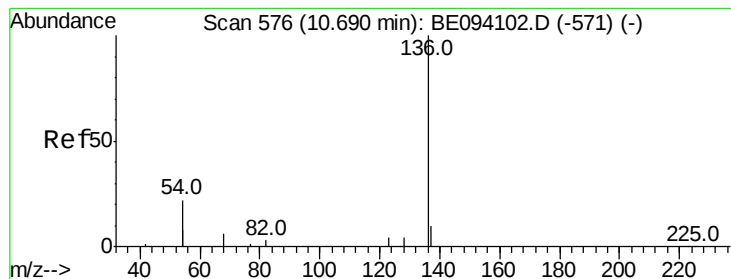
63 355.6 275.3 412.9

95 32.0 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: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

Tot Ion:136 Resp: 8367

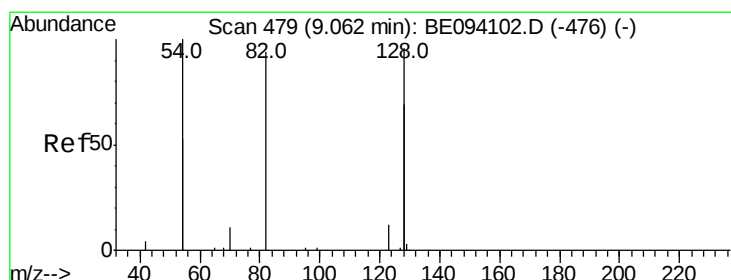
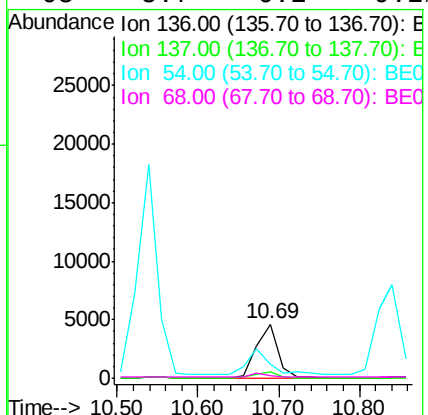
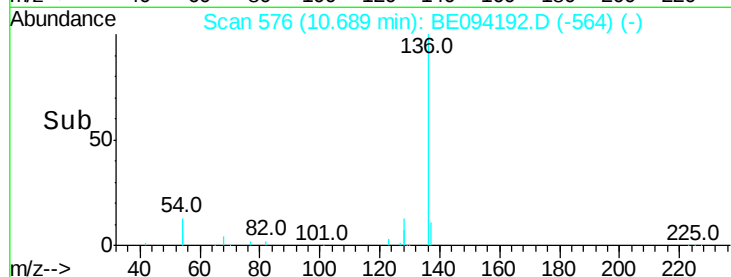
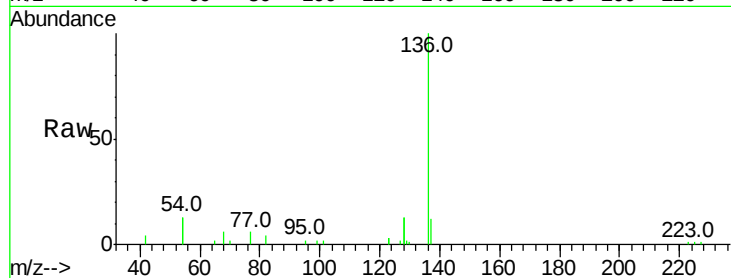
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 25.0 29.1 43.7#

68 5.7 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 91.875 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

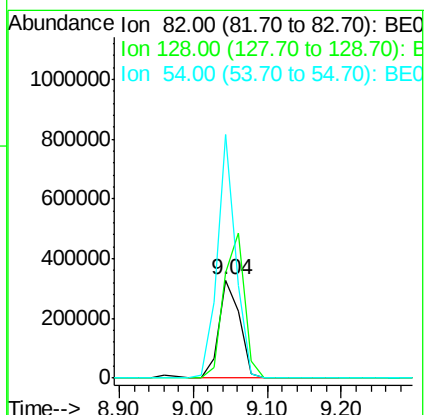
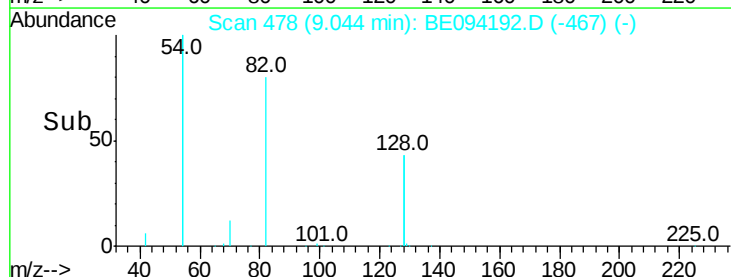
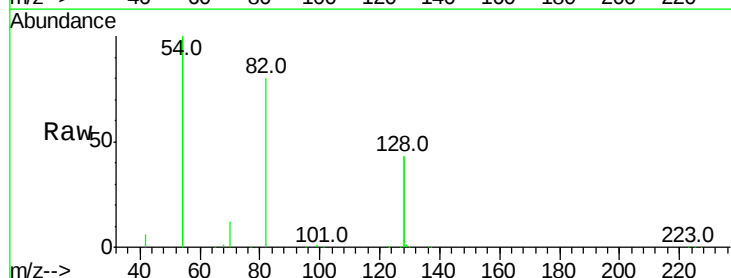
Tgt Ion: 82 Resp: 640022

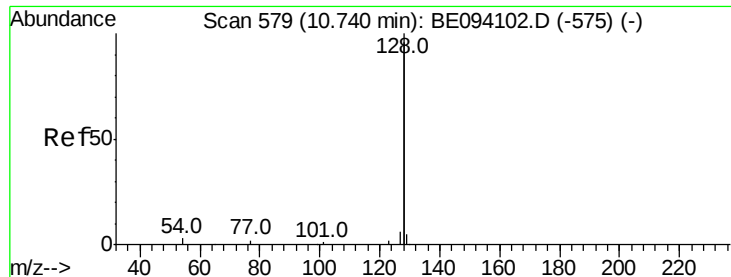
Ion Ratio Lower Upper

82 100

128 107.6 150.0 225.0#

54 248.7 154.2 231.4#





#9

Naphthalene

Concen: 32.179 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

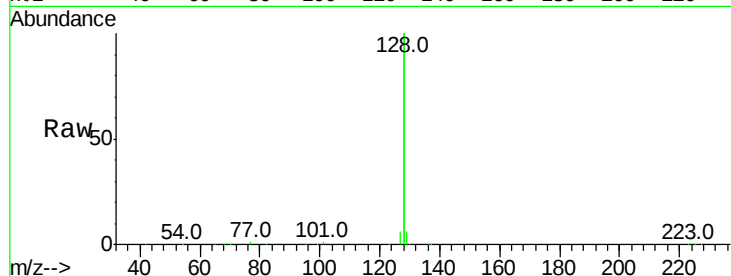
Tot Ion:128 Resp: 3032290

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

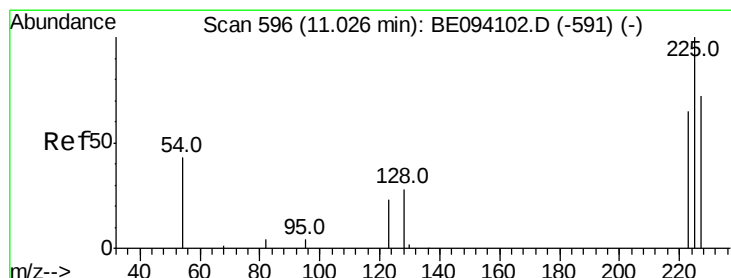
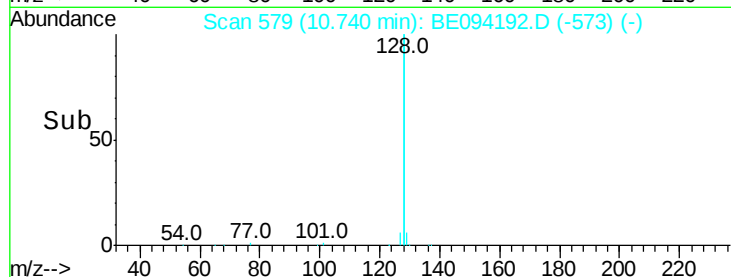
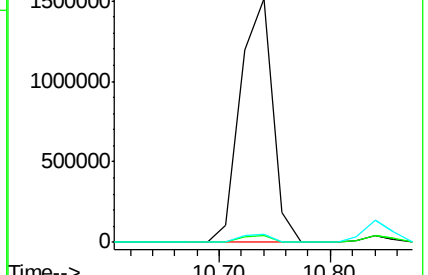
127 3.1 2.8 4.2



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: 28.905 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

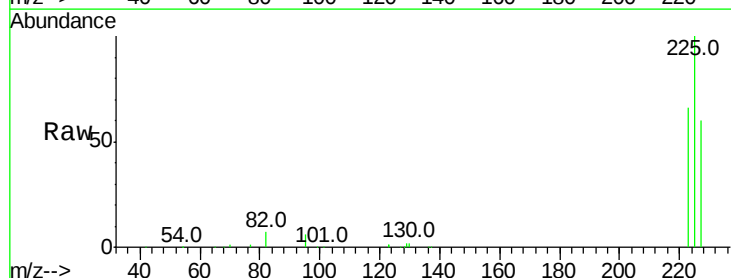
Tgt Ion:225 Resp: 103348

Ion Ratio Lower Upper

225 100

223 62.5 53.0 79.6

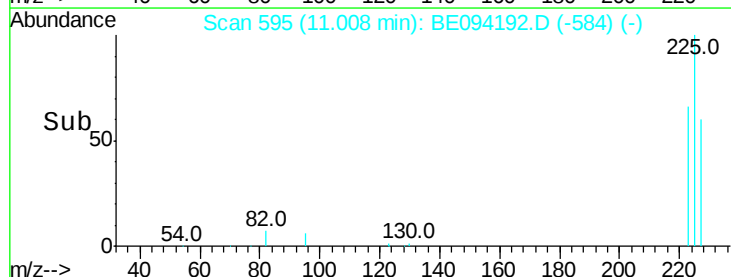
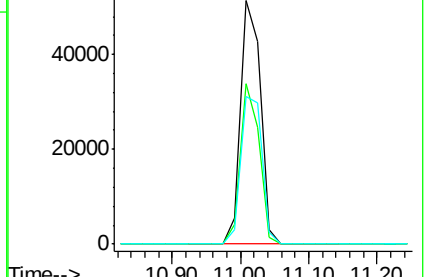
227 64.4 51.4 77.2

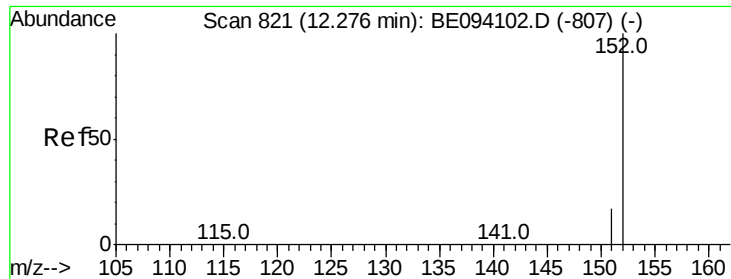


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 7.082 ng

RT: 12.23 min Scan# 808

Delta R.T. -0.05 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

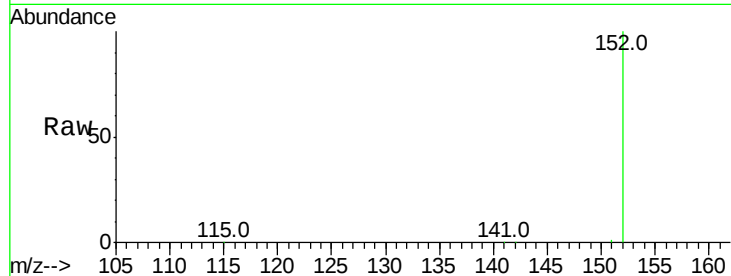
PAMT-COMP-C-DMSD

Tot Ion:152 Resp: 91306

Ion Ratio Lower Upper

152 100

151 0.8 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.23

60000

50000

40000

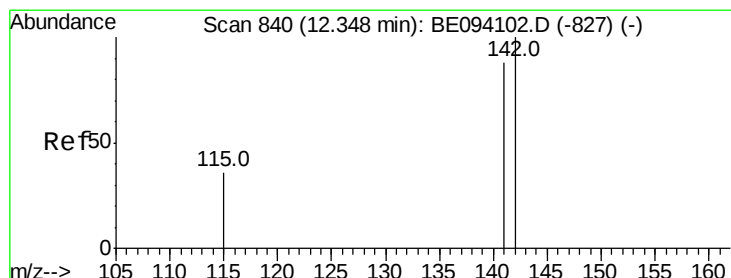
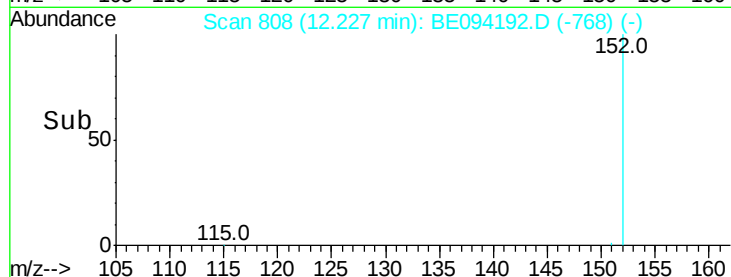
30000

20000

10000

0

Time--> 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 35.184 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

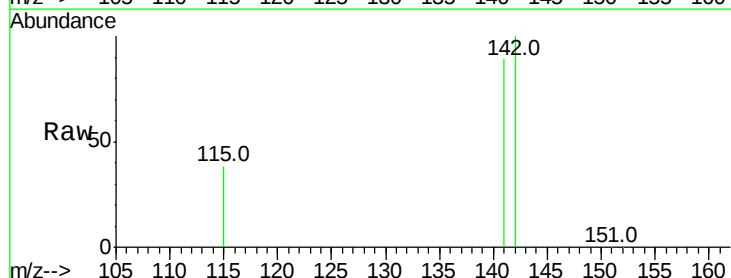
Tgt Ion:142 Resp: 544627

Ion Ratio Lower Upper

142 100

141 89.4 70.4 105.6

115 37.9 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.34

400000

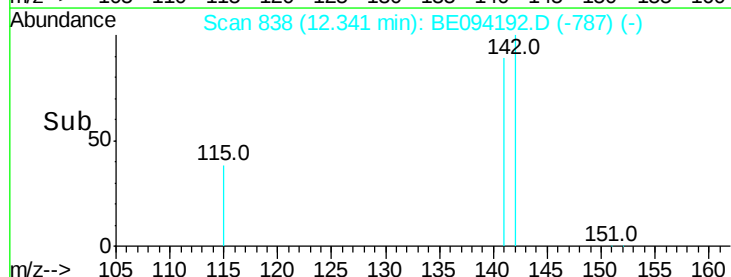
300000

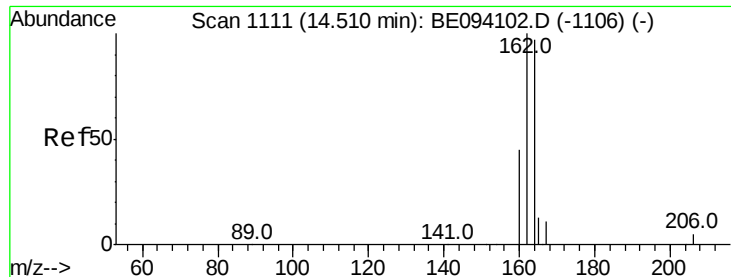
200000

100000

0

Time--> 12.20 12.30 12.40

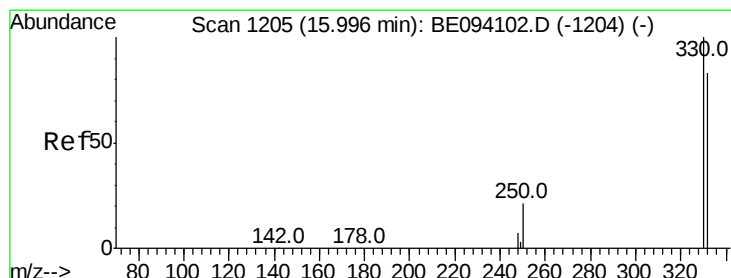
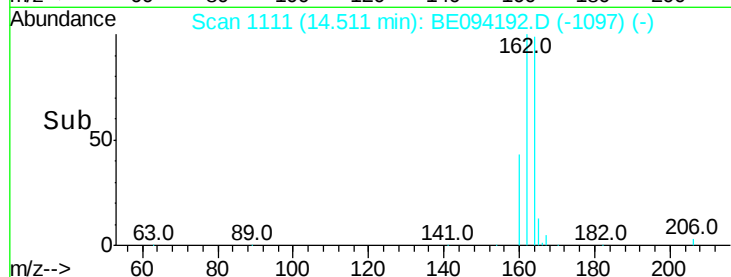
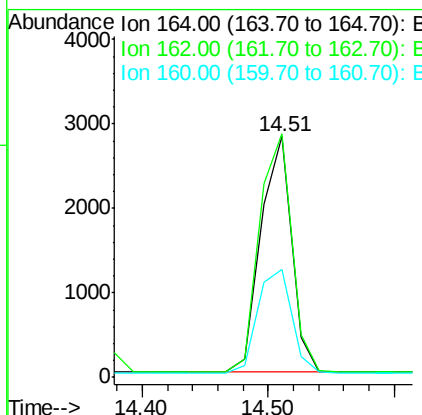
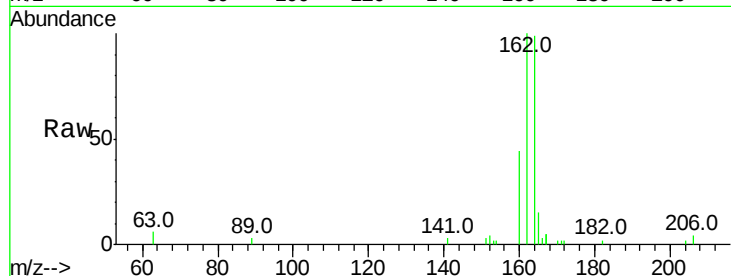




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094192.D
Acq: 6 Oct 2017 23:07

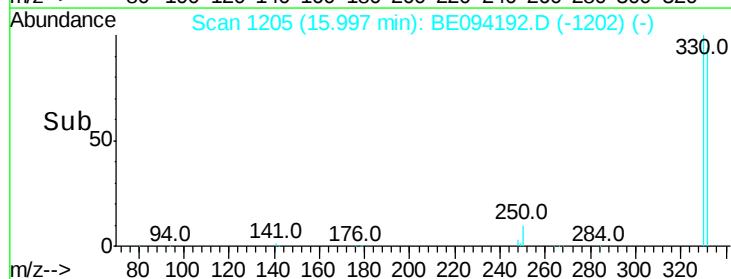
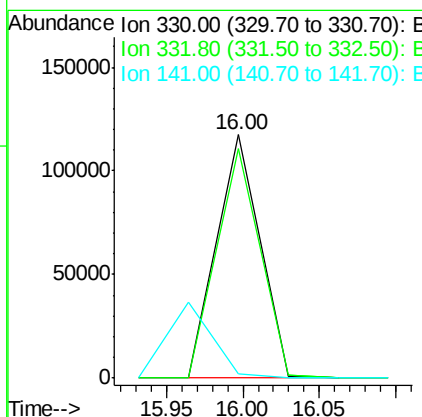
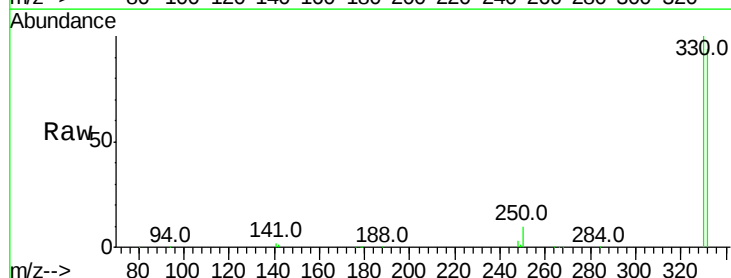
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-DMSD

Tot Ion:164 Resp: 4789
Ion Ratio Lower Upper
164 100
162 101.2 83.1 124.7
160 44.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 110.747 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094192.D
Acq: 6 Oct 2017 23:07

Tgt Ion:330 Resp: 230565
Ion Ratio Lower Upper
330 100
332 94.8 152.7 229.1#
141 0.0 33.7 50.5#

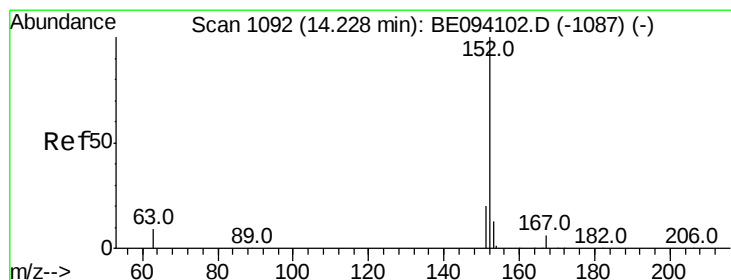
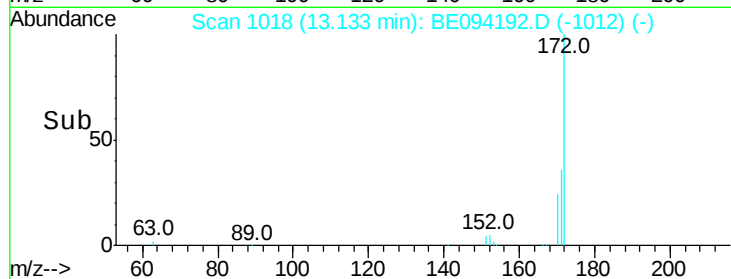
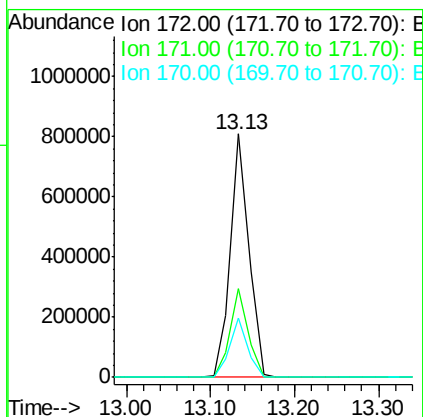
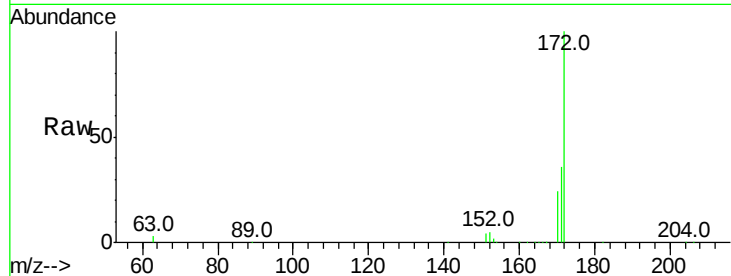




#15
2-Fluorobiphenyl
Concen: 75.069 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094192.D
Acq: 6 Oct 2017 23:07

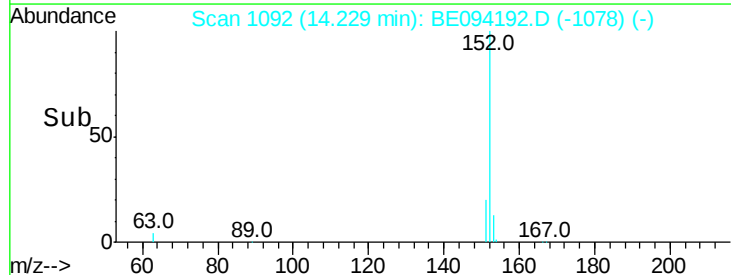
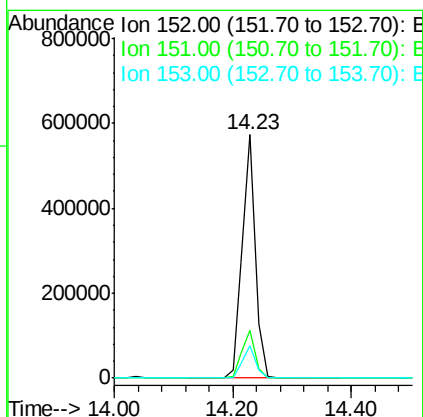
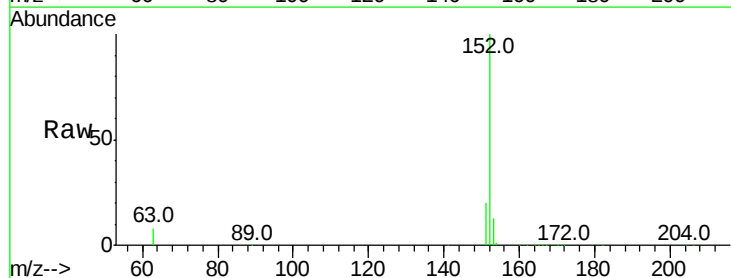
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-DMSD

Tot Ion:172 Resp: 1231548
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 24.5 21.8 32.8



#16
Acenaphthylene
Concen: 36.579 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094192.D
Acq: 6 Oct 2017 23:07

Tgt Ion:152 Resp: 887094
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 33.316 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

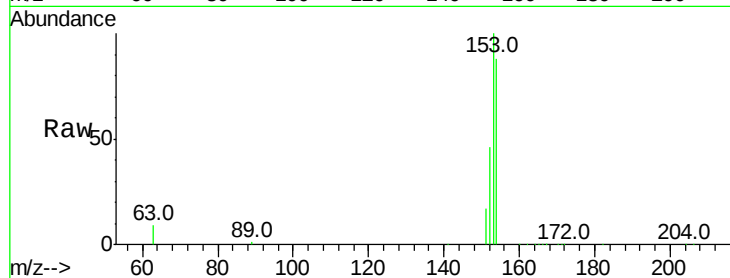
Tot Ion:154 Resp: 533671

Ion Ratio Lower Upper

154 100

153 113.3 89.2 133.8

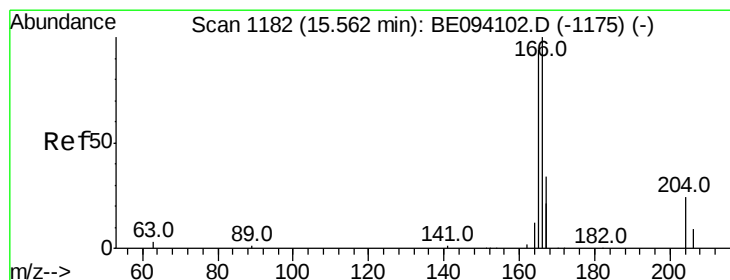
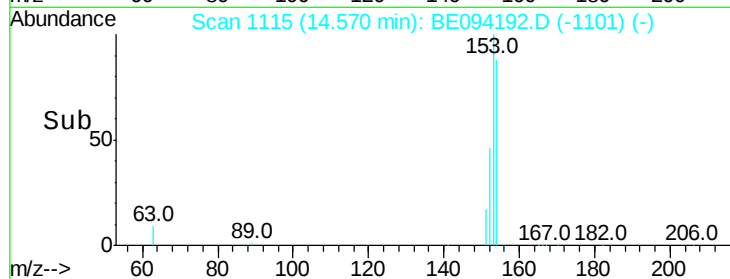
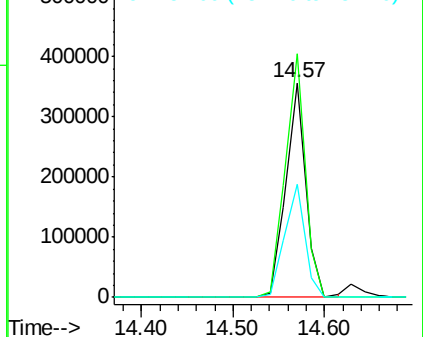
152 53.4 42.0 63.0



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: 33.489 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

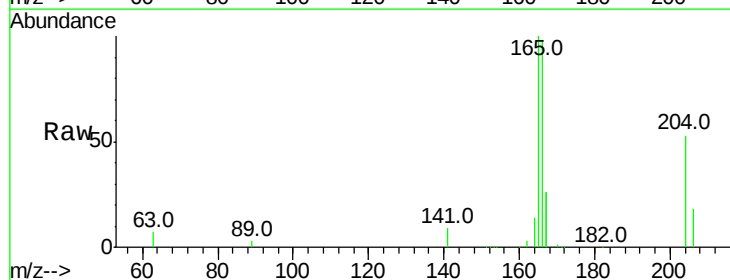
Tgt Ion:166 Resp: 702685

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

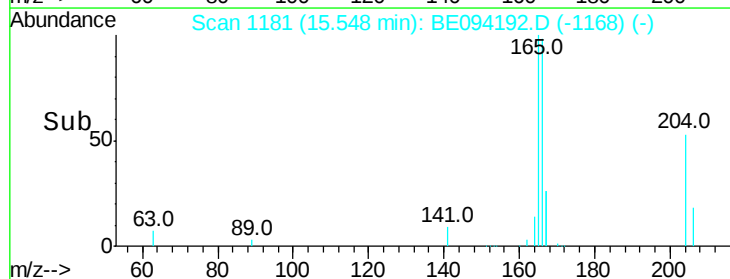
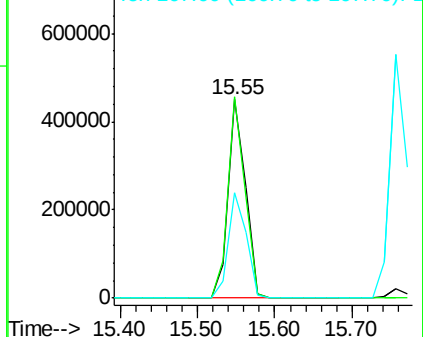
167 54.9 42.4 63.6

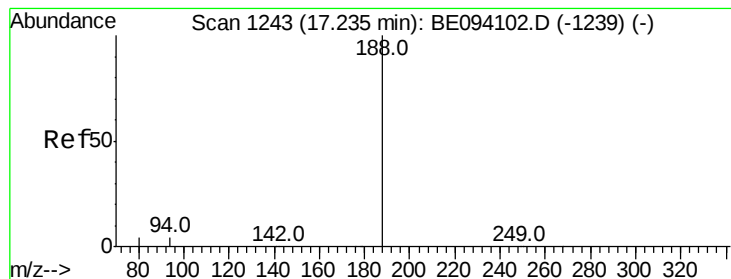


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

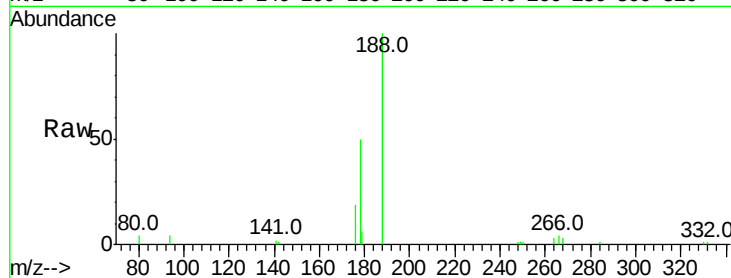
Tot Ion:188 Resp: 11851

Ion Ratio Lower Upper

188 100

94 4.0 3.9 5.9

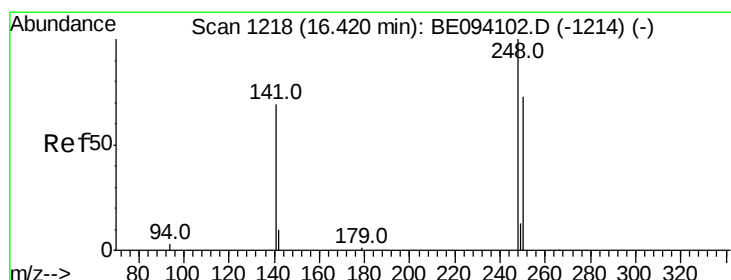
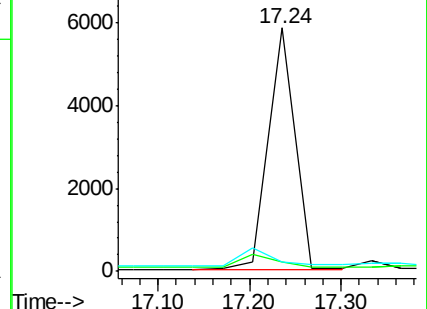
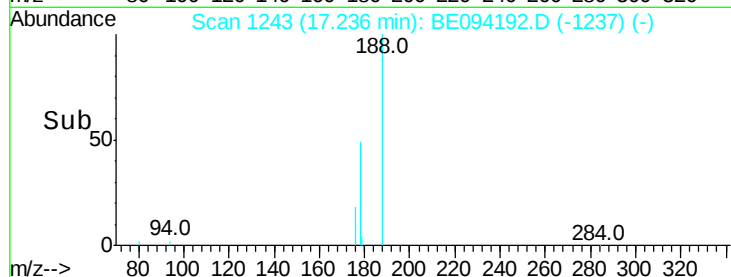
80 3.9 3.6 5.4



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: 42.799 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

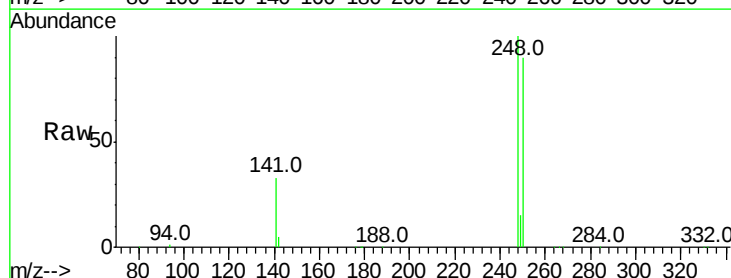
Tgt Ion:248 Resp: 292267

Ion Ratio Lower Upper

248 100

250 89.7 62.7 94.1

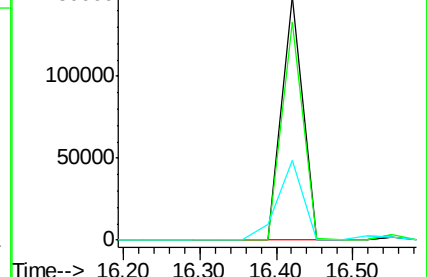
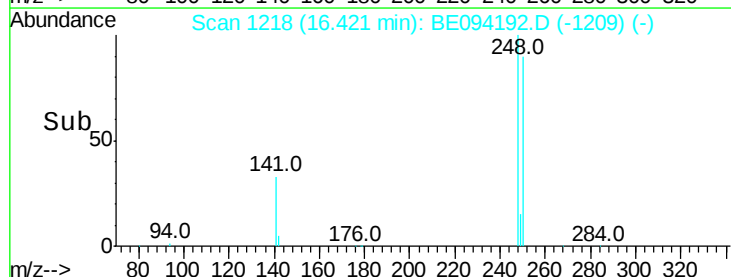
141 32.9 48.2 72.2#

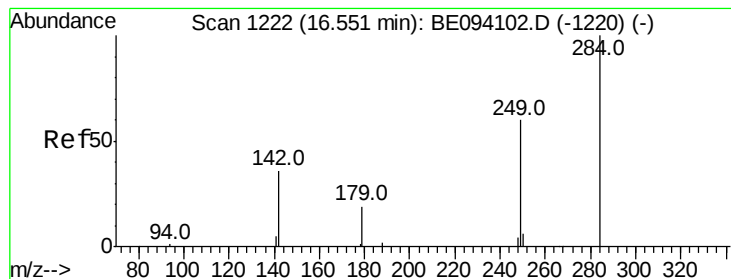


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 35.543 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

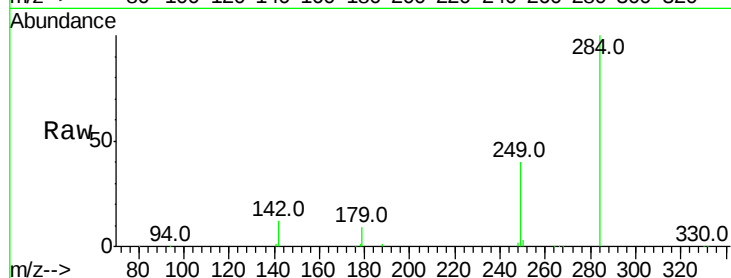
Tot Ion:284 Resp: 218050

Ion Ratio Lower Upper

284 100

142 20.4 22.1 33.1#

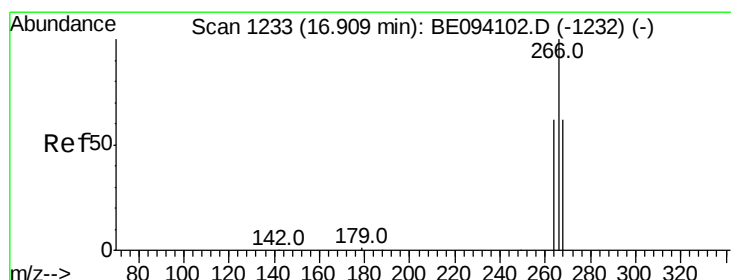
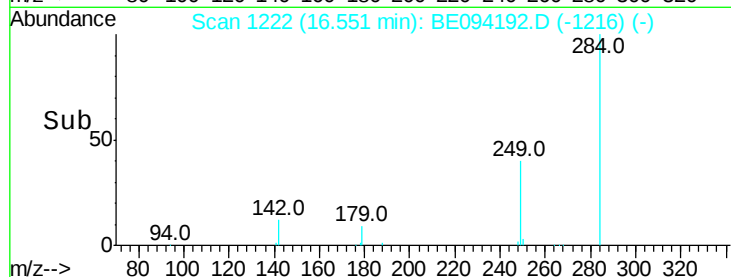
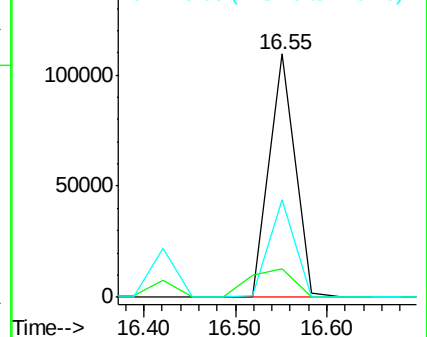
249 39.6 34.8 52.2



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: 50.273 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

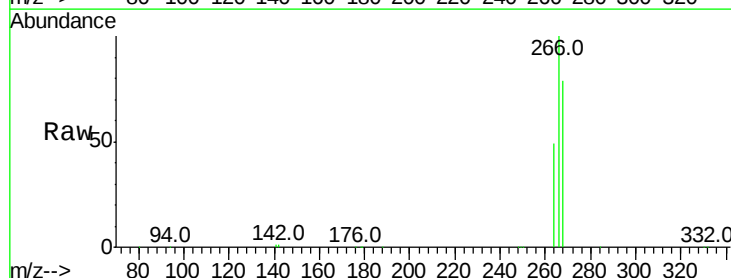
Tgt Ion:266 Resp: 83572

Ion Ratio Lower Upper

266 100

264 49.0 72.5 108.7#

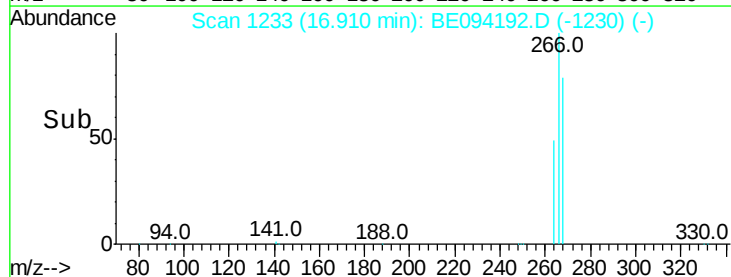
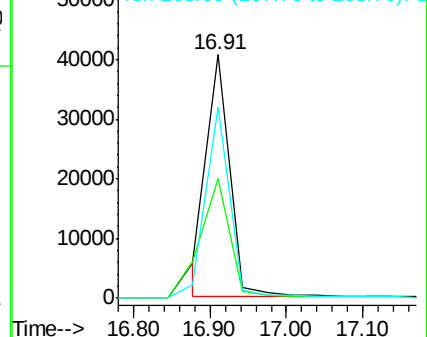
268 78.7 73.8 110.6



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: 38.339 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

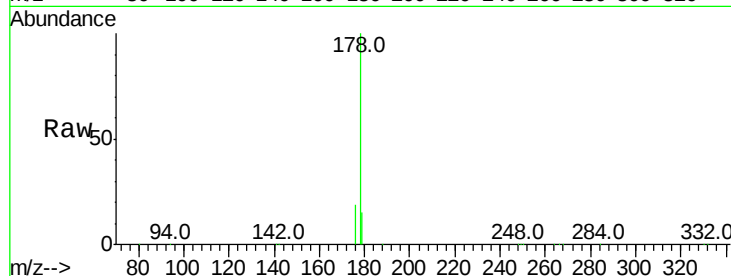
BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

Tot Ion:178 Resp: 1574791

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	14.8	11.8	17.6

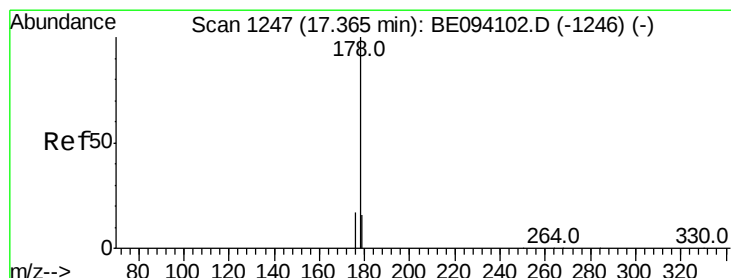
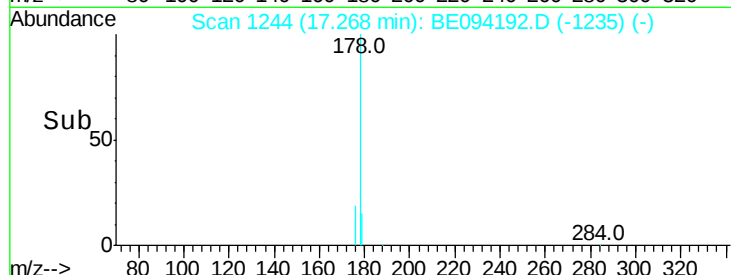
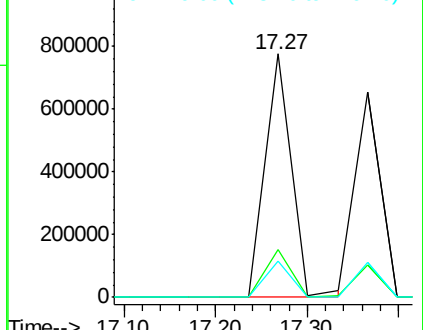


Abundance

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: 41.077 ng

RT: 17.37 min Scan# 1247

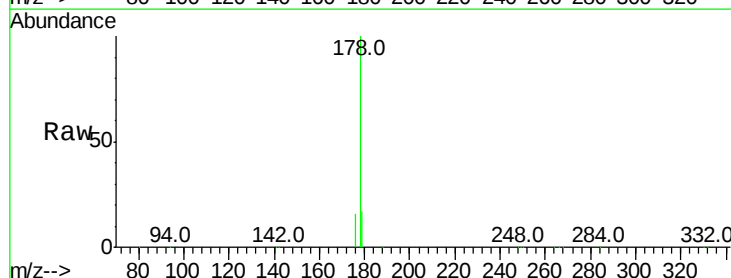
Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Tgt Ion:178 Resp: 1286398

Ion	Ratio	Lower	Upper
178	100		
176	16.0	12.8	19.2
179	17.0	13.0	19.6

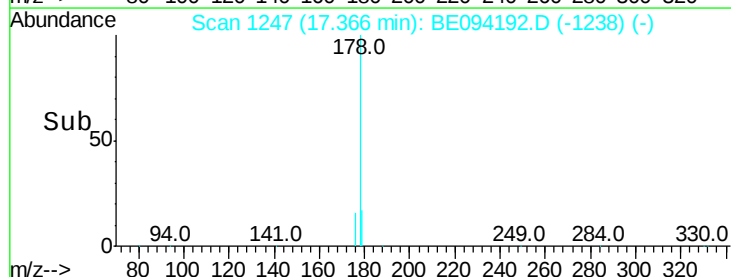
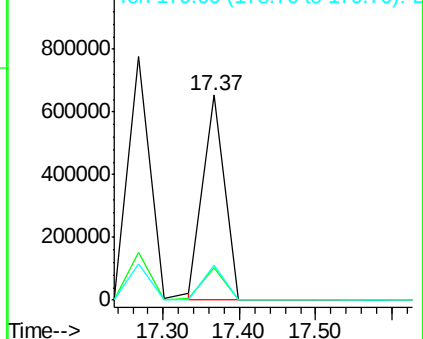


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.26 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

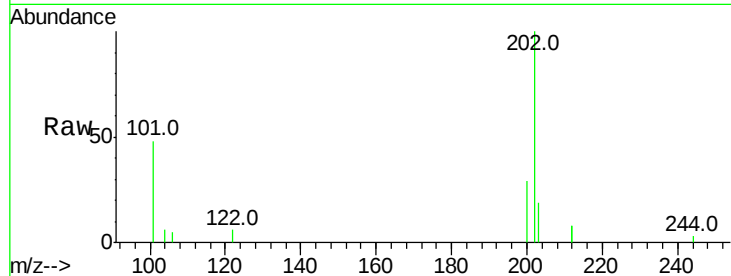
Tot Ion:212 Resp: 234

Ion Ratio Lower Upper

212 100

106 14.5 2.8 4.2#

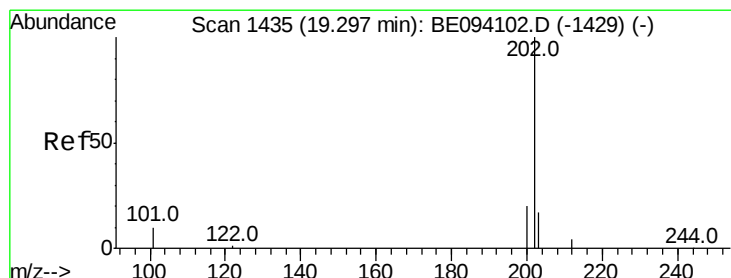
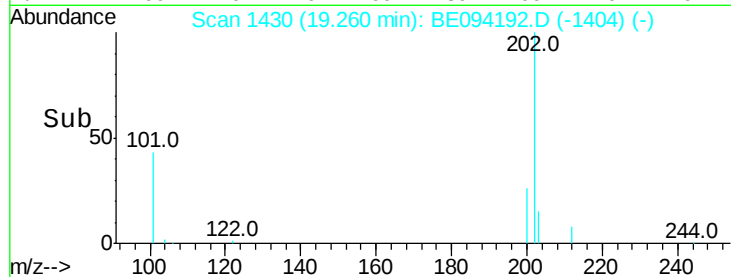
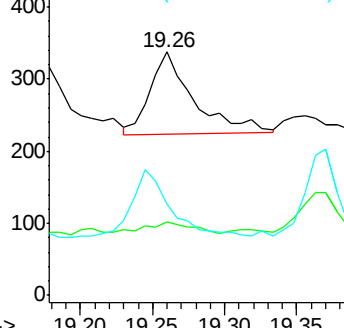
104 74.8 1.6 2.4#



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: 36.188 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

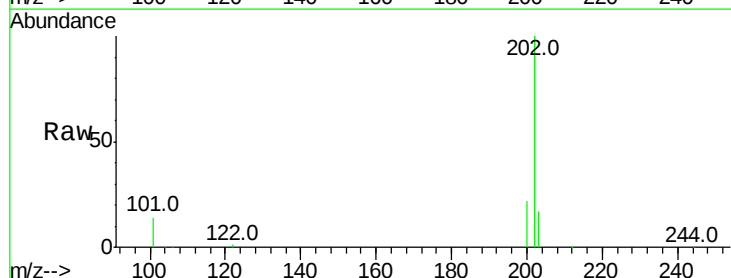
Tgt Ion:202 Resp: 1303341

Ion Ratio Lower Upper

202 100

101 12.7 9.8 14.8

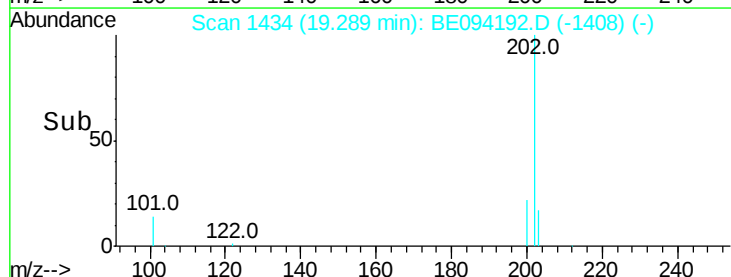
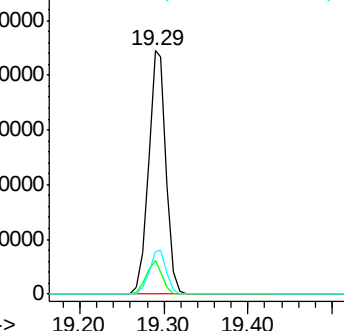
203 17.6 13.7 20.5

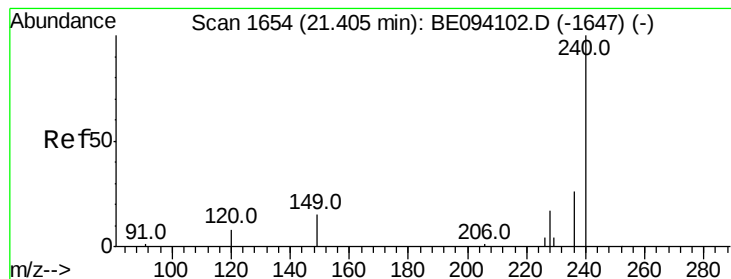


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

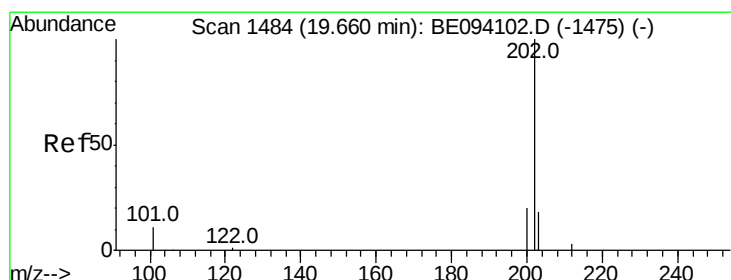
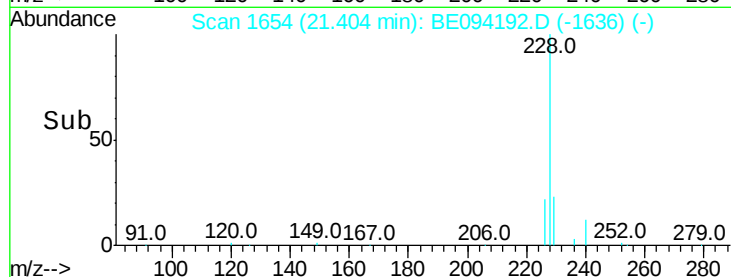
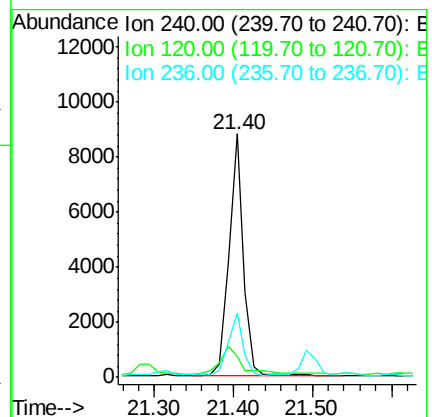
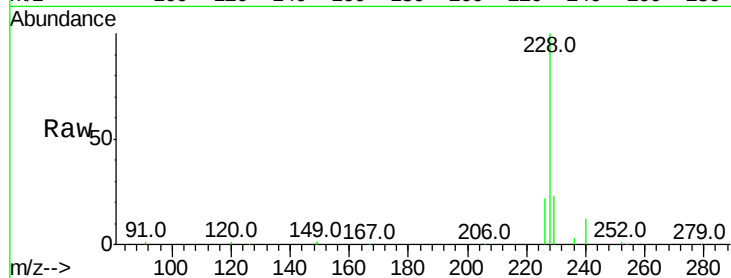
Tot Ion:240 Resp: 11181

Ion Ratio Lower Upper

240 100

120 8.6 5.5 8.3#

236 26.4 20.7 31.1



#28

Pyrene

Concen: 34.967 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

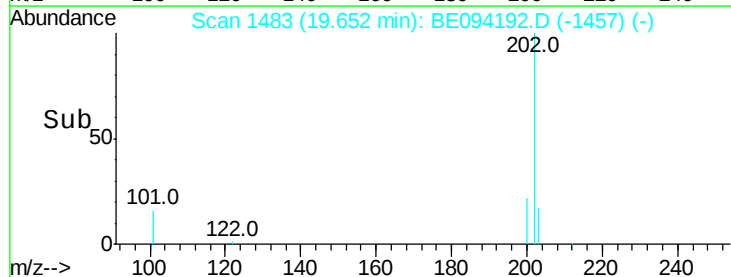
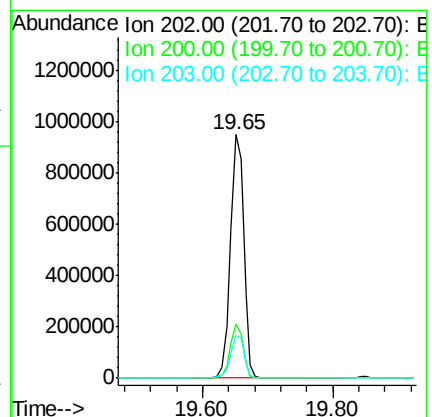
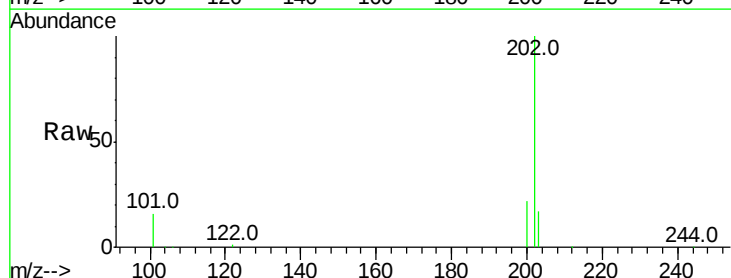
Tgt Ion:202 Resp: 1344808

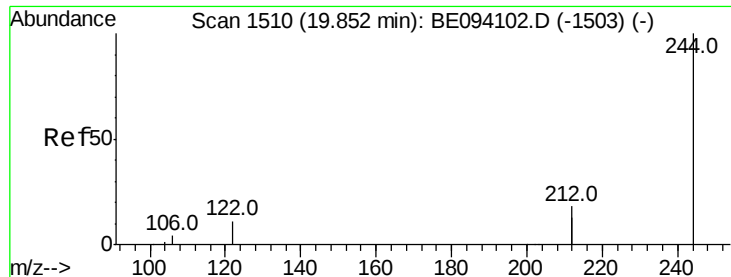
Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

203 18.4 13.8 20.8





#29

Terphenyl-d14

Concen: 64.692 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

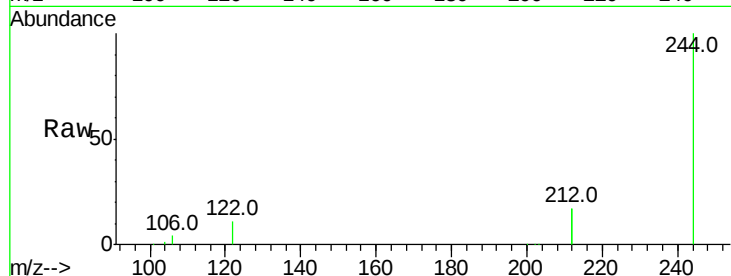
Tot Ion:244 Resp: 1365931

Ion Ratio Lower Upper

244 100

212 33.9 25.4 38.0

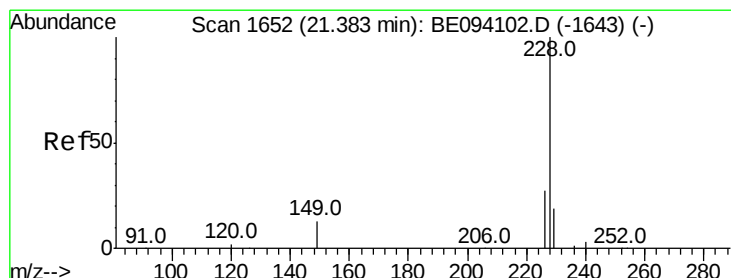
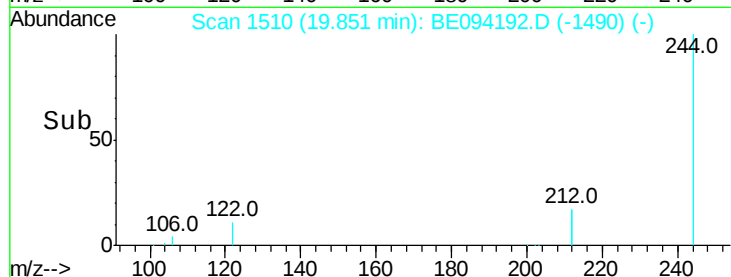
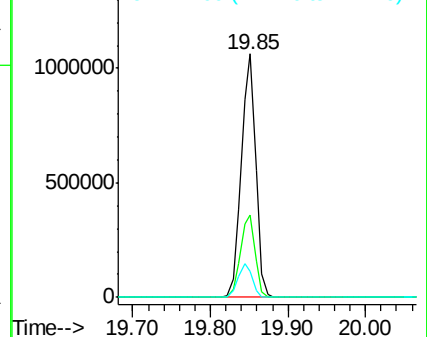
122 10.7 8.1 12.1



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: 34.849 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

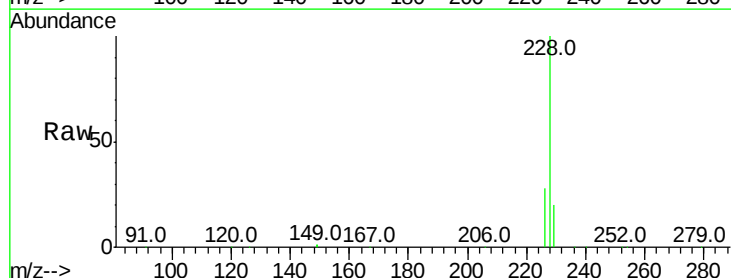
Tgt Ion:228 Resp: 1280397

Ion Ratio Lower Upper

228 100

226 28.2 21.4 32.0

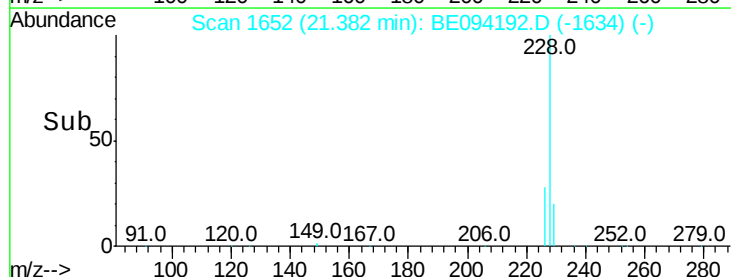
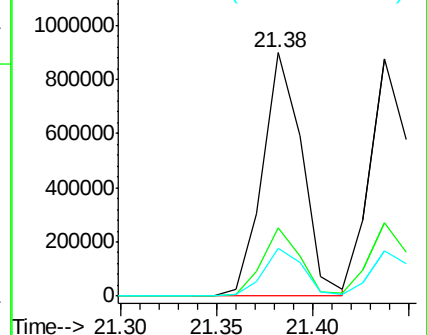
229 19.7 16.4 24.6



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: 33.440 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

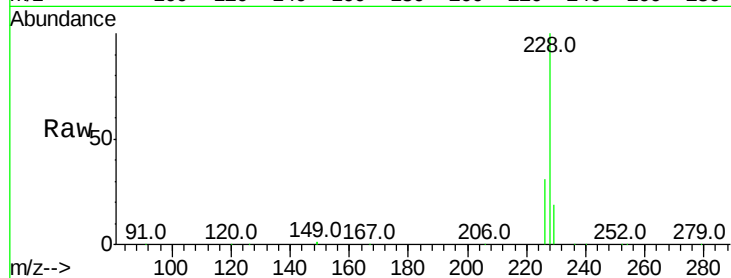
Tot Ion:228 Resp: 1212109

Ion Ratio Lower Upper

228 100

226 30.8 23.6 35.4

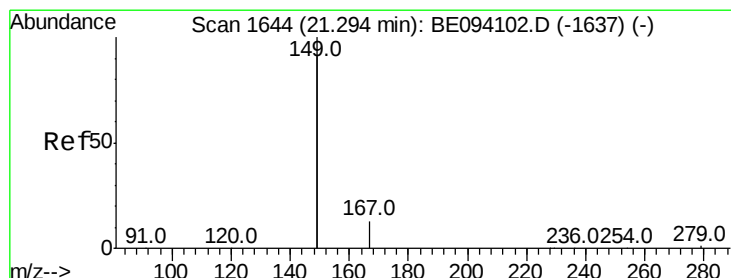
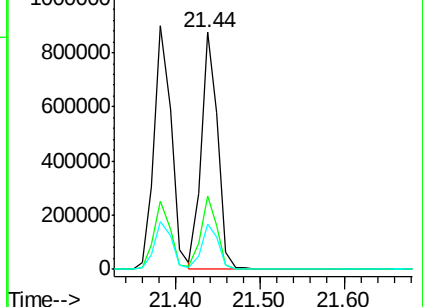
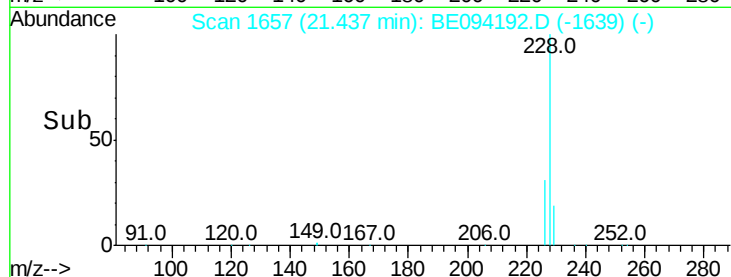
229 19.3 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 38.793 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

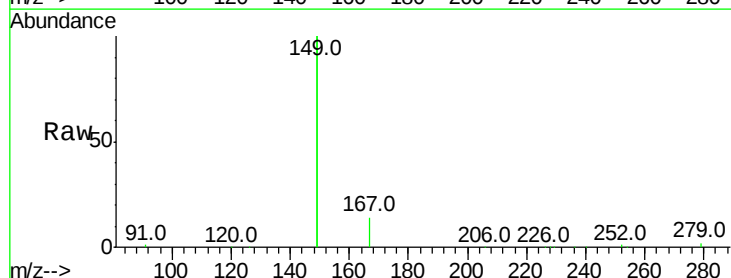
Tgt Ion:149 Resp: 3282482

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

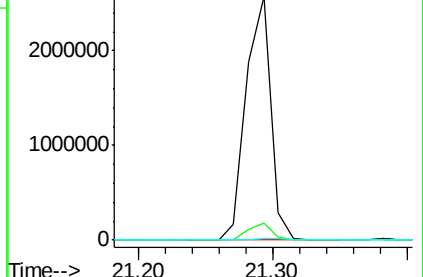
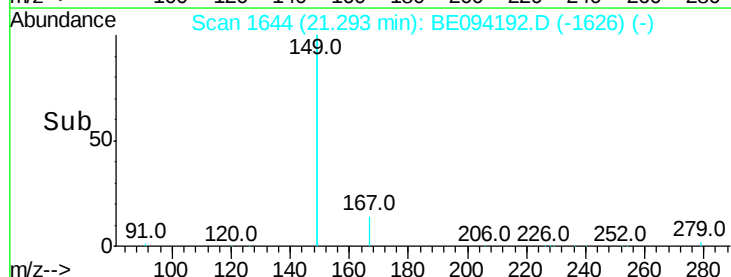
279 0.9 0.7 1.1



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

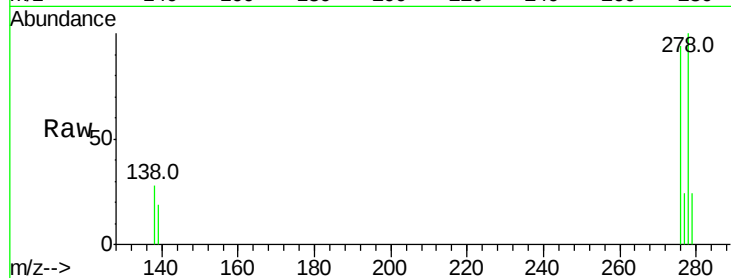




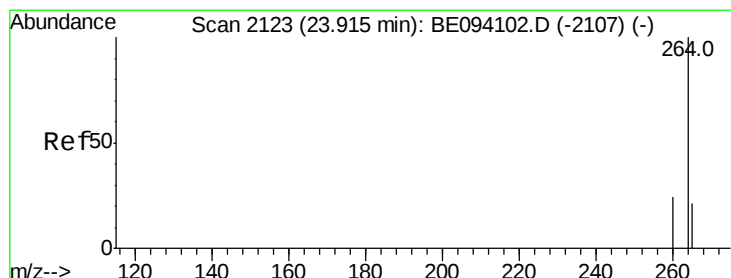
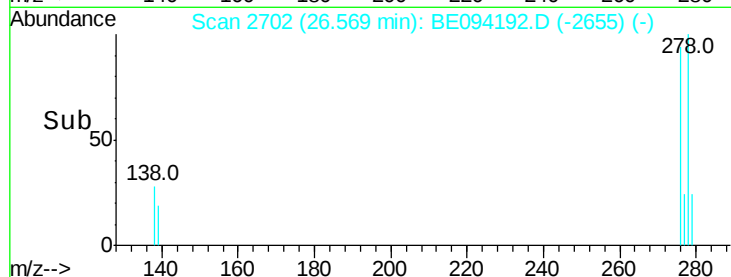
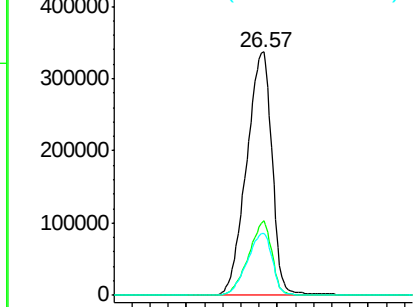
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 36.357 ng
 RT: 26.57 min Scan# 2702
 Delta R.T. 0.01 min
 Lab File: BE094192.D
 Acq: 6 Oct 2017 23:07

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

Tot Ion:276 Resp: 1308412
 Ion Ratio Lower Upper
 276 100
 138 28.2 22.5 33.7
 277 25.4 19.9 29.9

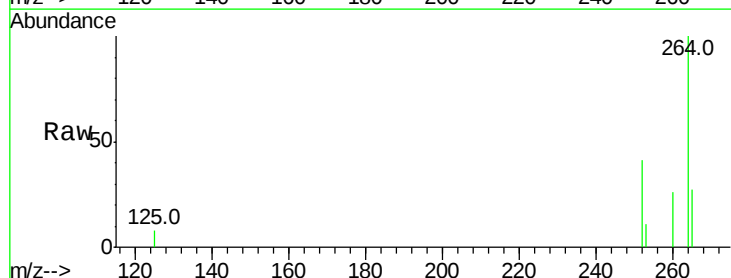


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

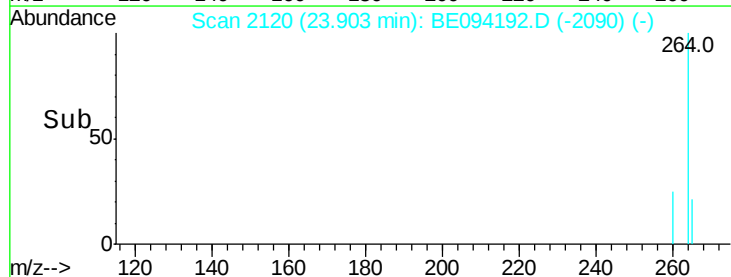
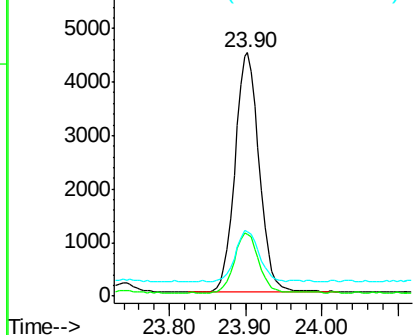


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE094192.D
 Acq: 6 Oct 2017 23:07

Tgt Ion:264 Resp: 9960
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 26.7 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: 36.450 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

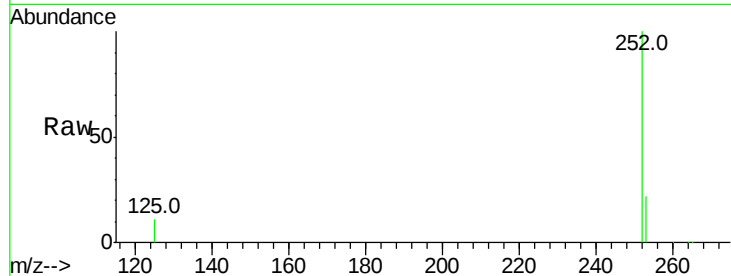
Tot Ion:252 Resp: 1221151

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

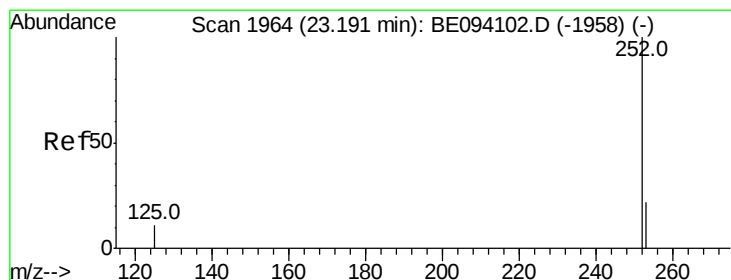
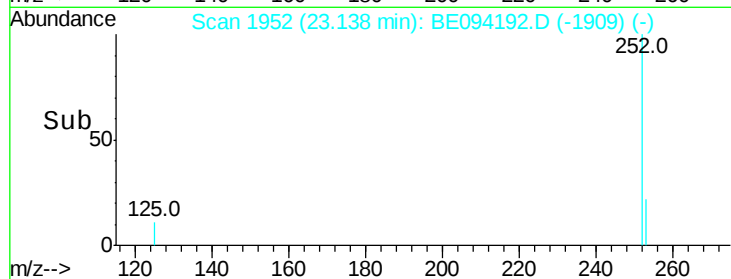
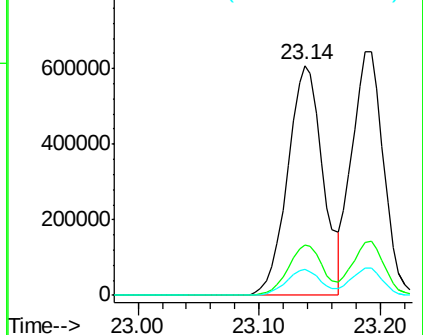
125 11.3 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 34.571 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

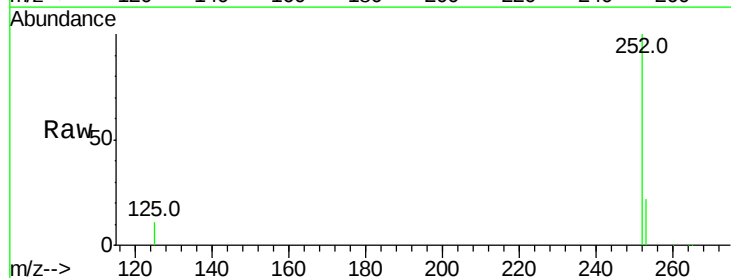
Tgt Ion:252 Resp: 1177266

Ion Ratio Lower Upper

252 100

253 22.4 18.6 27.8

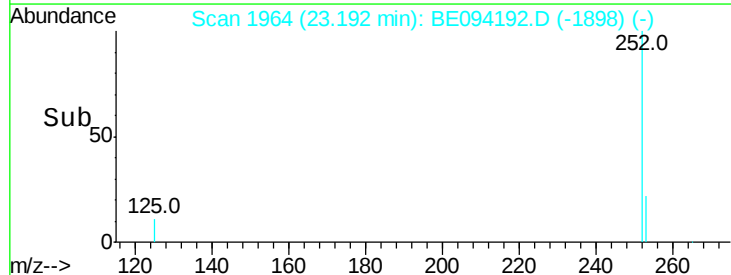
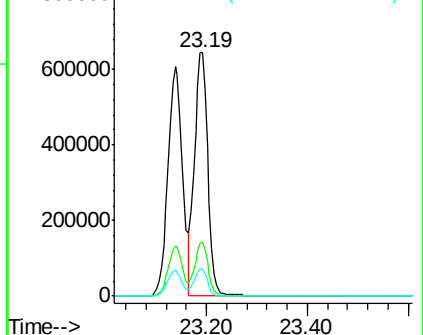
125 11.0 10.7 16.1

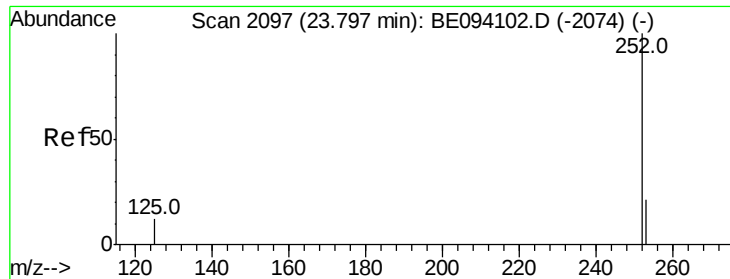


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 36.199 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD

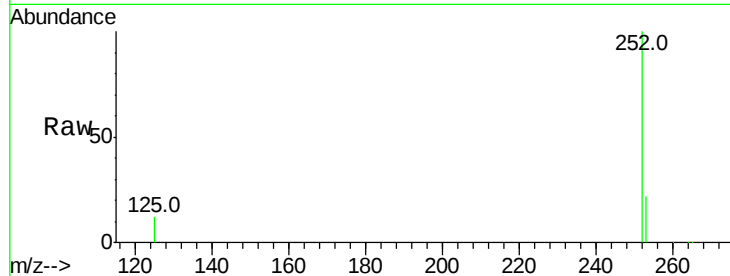
Tot Ion:252 Resp: 1146103

Ion Ratio Lower Upper

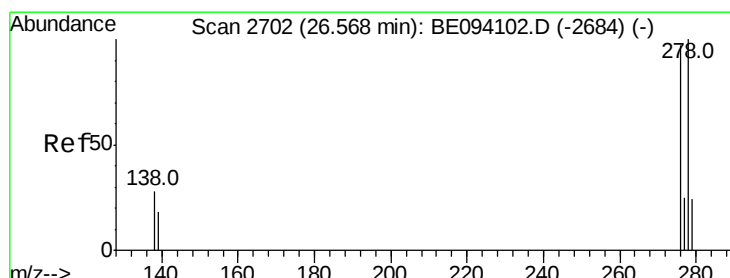
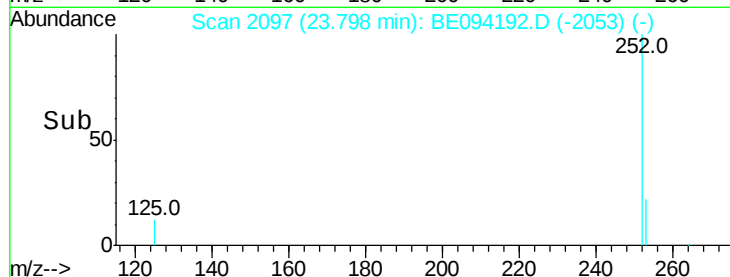
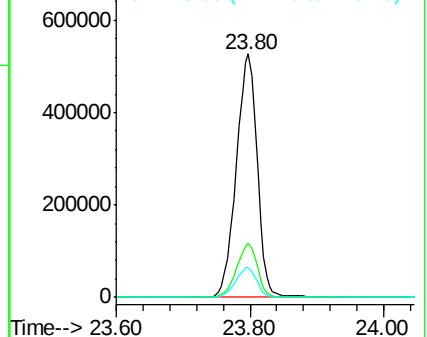
252 100

253 22.1 19.0 28.6

125 12.2 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: 37.766 ng

RT: 26.58 min Scan# 2704

Delta R.T. 0.01 min

Lab File: BE094192.D

Acq: 6 Oct 2017 23:07

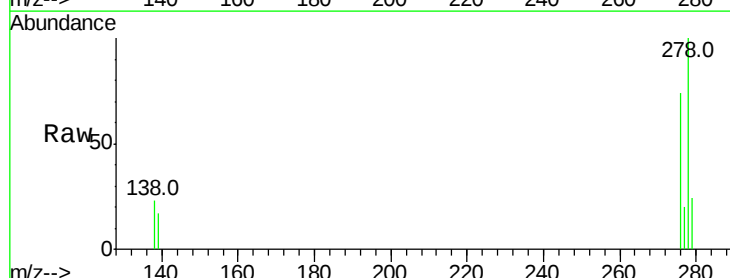
Tgt Ion:278 Resp: 1108608

Ion Ratio Lower Upper

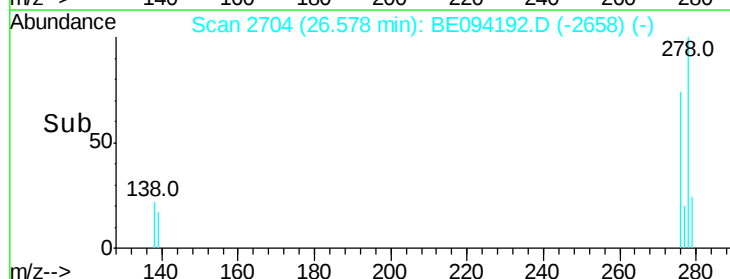
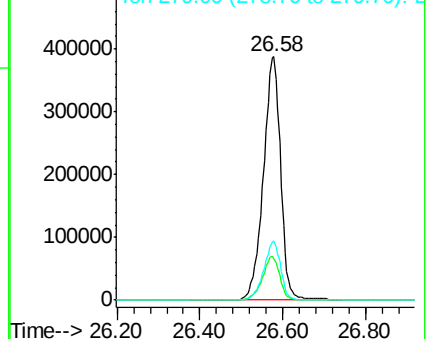
278 100

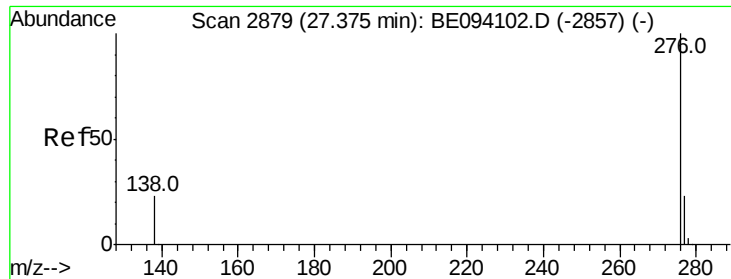
139 17.0 16.3 24.5

279 24.1 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: 36.122 ng

RT: 27.38 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BE094192.D

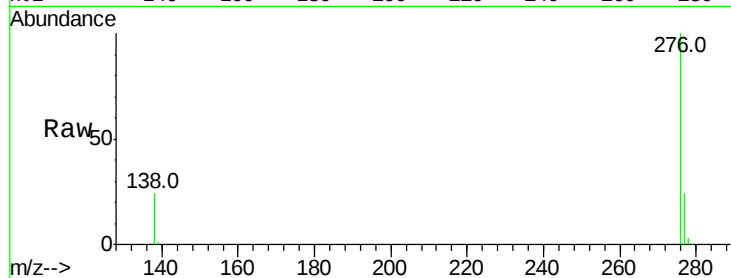
Acq: 6 Oct 2017 23:07

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMSD



Tot Ion:276 Resp: 1083176

Ion Ratio Lower Upper

276 100

277 24.0 20.8 31.2

138 23.7 21.5 32.3

