

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094180.D
 Acq On : 6 Oct 2017 15:07
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100617

Quant Time: Oct 06 15:43:57 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	1363	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6547	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3924	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11480	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9864	0.40	ng	0.00
34) Perylene-d12	23.91	264	9259	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1780	0.39	ng	0.00
5) Phenol-d6	7.09	99	2568	0.39	ng	0.00
8) Nitrobenzene-d5	9.06	82	2162	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4086	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	559	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5337	0.40	ng	0.00
25) Fluoranthene-d10	19.27	212	43003	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	7421	0.40	ng	0.00

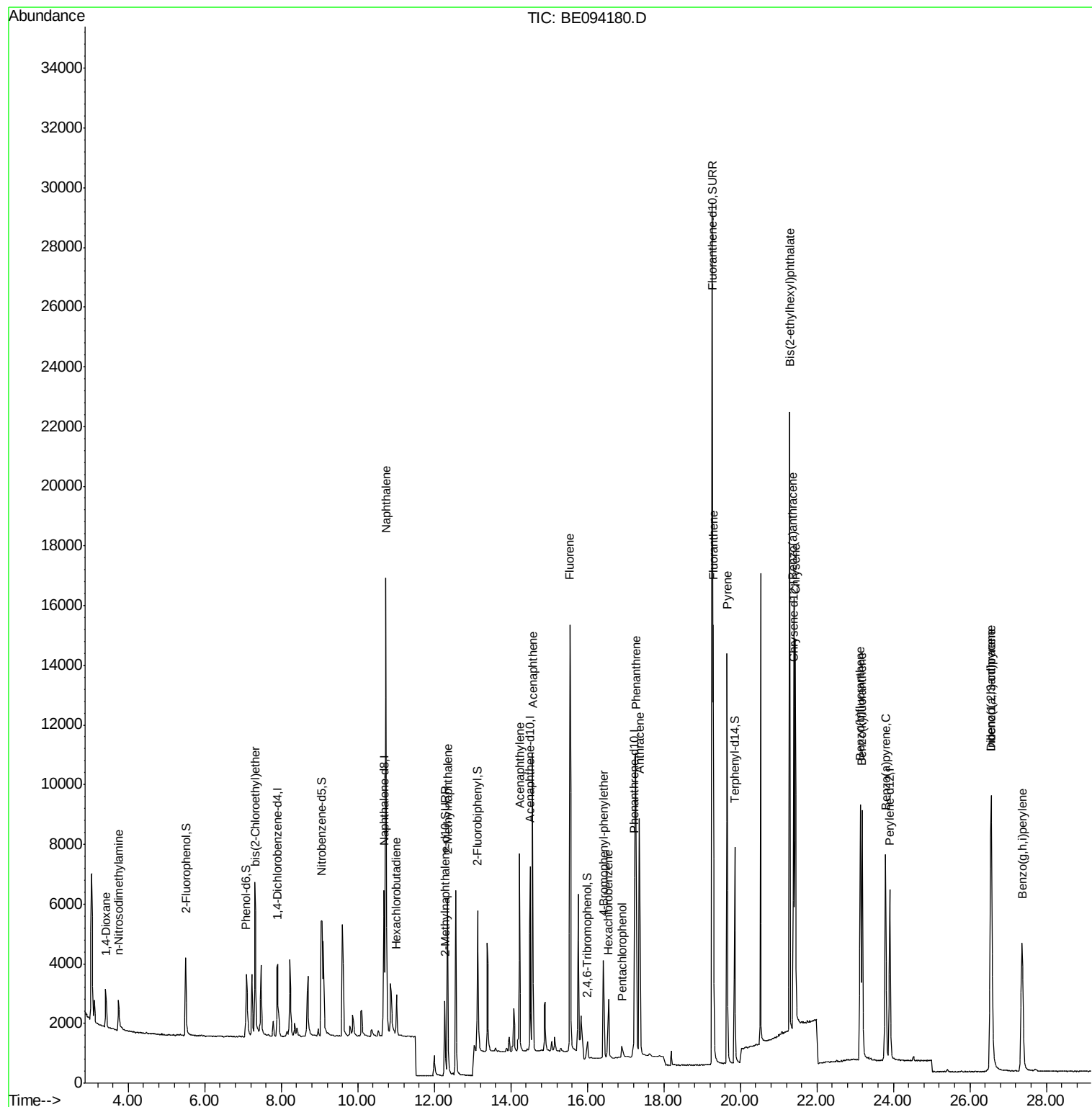
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	934	0.378	ng	# 84
3) n-Nitrosodimethylamine	3.74	42	1014	0.383	ng	# 96
6) bis(2-Chloroethyl)ether	7.33	93	2122	0.397	ng	100
9) Naphthalene	10.74	128	29840	0.405	ng	100
10) Hexachlorobutadiene	11.01	225	1138	0.407	ng	98
12) 2-Methylnaphthalene	12.34	142	4895	0.404	ng	99
16) Acenaphthylene	14.23	152	7770	0.391	ng	100
17) Acenaphthene	14.57	154	5229	0.398	ng	98
18) Fluorene	15.55	166	6778	0.394	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2570	0.389	ng	93
21) Hexachlorobenzene	16.55	284	2218	0.373	ng	92
22) Pentachlorophenol	16.91	266	514	0.319	ng	# 79
23) Phenanthrene	17.27	178	15477	0.389	ng	100
24) Anthracene	17.37	178	12417	0.409	ng	99
26) Fluoranthene	19.29	202	13127	0.376	ng	99
28) Pyrene	19.65	202	13528	0.399	ng	100
30) Benzo(a)anthracene	21.38	228	12697	0.392	ng	99
31) Chrysene	21.44	228	12972	0.406	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	26509	0.355	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	12904	0.406	ng	99
35) Benzo(b)fluoranthene	23.14	252	12578	0.404	ng	98
36) Benzo(k)fluoranthene	23.19	252	12777	0.404	ng	99
37) Benzo(a)pyrene	23.79	252	11689	0.397	ng	99
38) Dibenzo(a,h)anthracene	26.56	278	10842	0.397	ng	98
39) Benzo(g,h,i)perylene	27.36	276	11256	0.404	ng	98

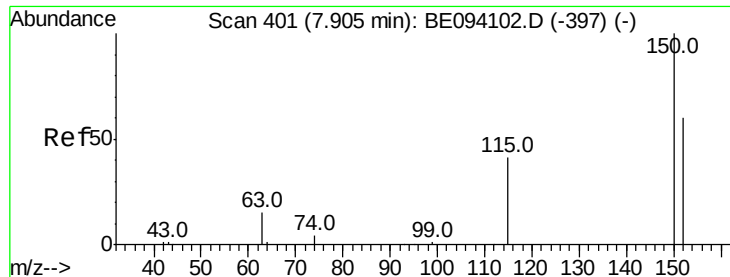
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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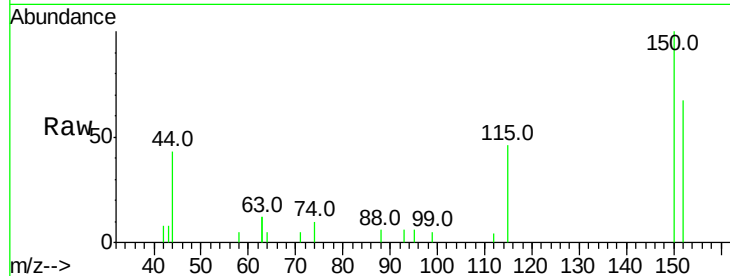


#1

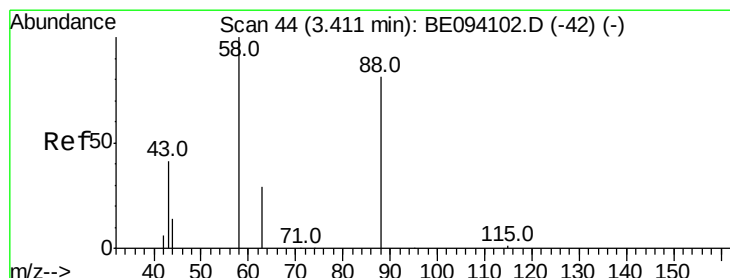
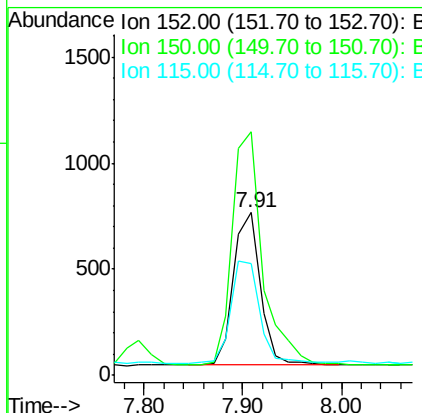
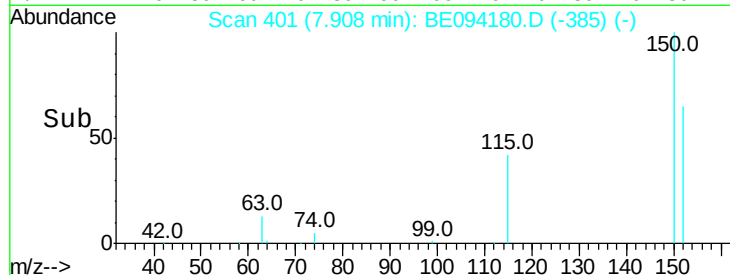
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100617

Tot Ion:152 Resp: 1363
 Ion Ratio Lower Upper
 152 100
 150 149.7 117.2 175.8
 115 68.4 57.0 85.6



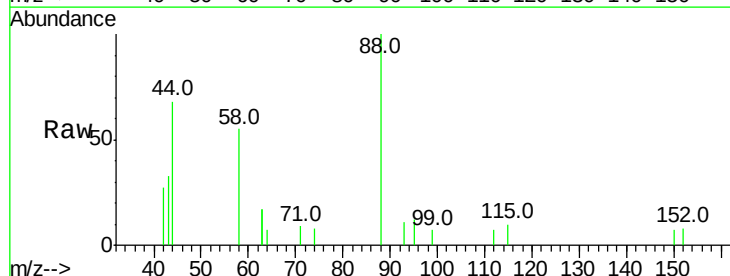
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



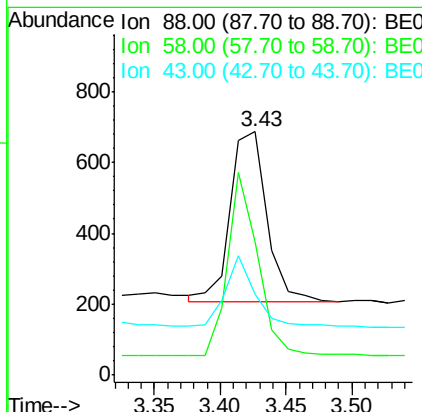
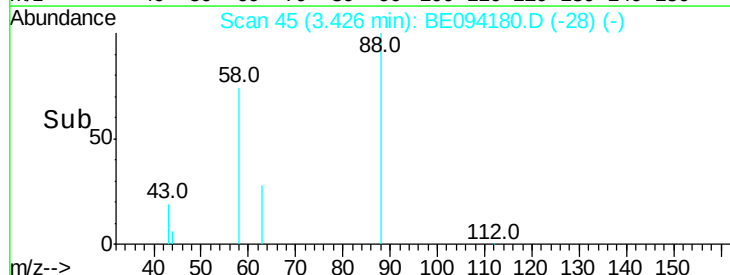
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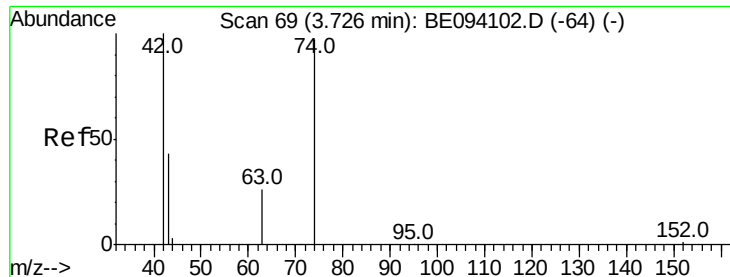
1,4-Dioxane
 Concen: 0.378 ng
 RT: 3.43 min Scan# 45
 Delta R.T. 0.02 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Tgt Ion: 88 Resp: 934
 Ion Ratio Lower Upper
 88 100
 58 90.1 63.2 94.8
 43 36.8 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



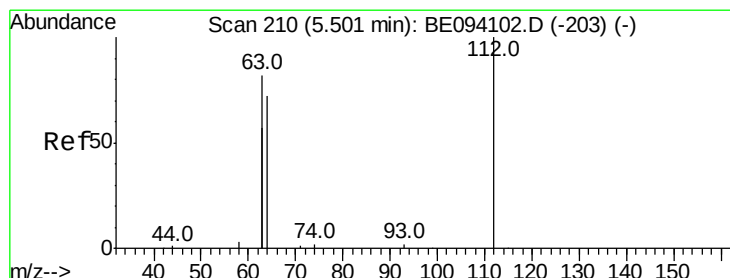
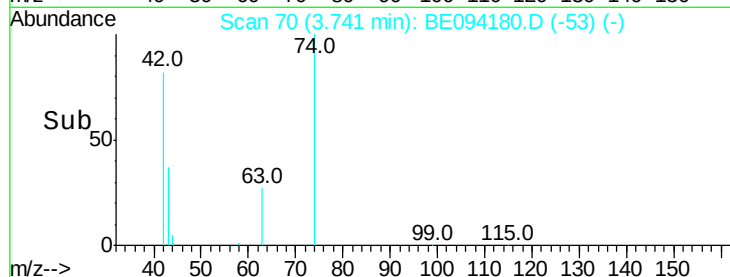
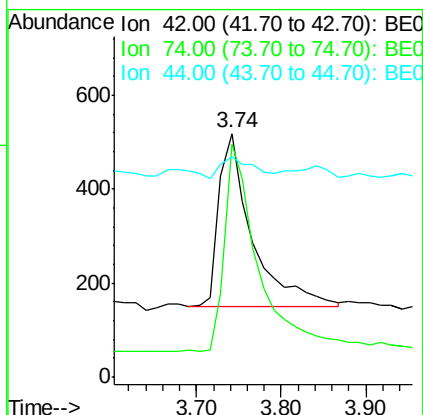
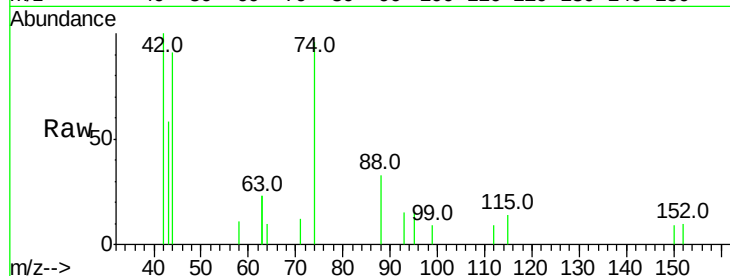


#3

n-Nitrosodimethylamine
 Concen: 0.383 ng
 RT: 3.74 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100617

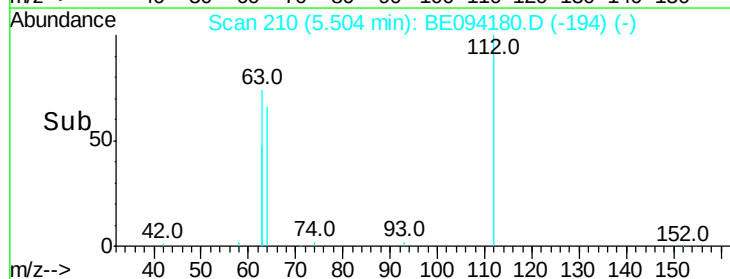
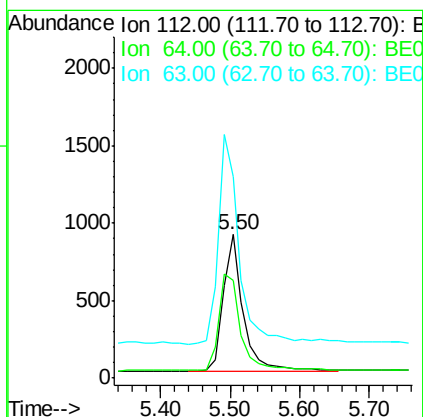
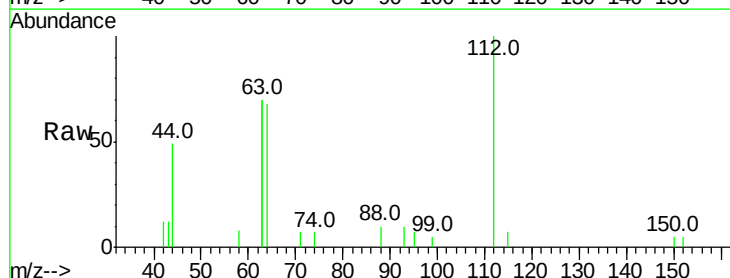
Tot Ion: 42 Resp: 1014
 Ion Ratio Lower Upper
 42 100
 74 123.3 100.3 150.5
 44 12.4 17.0 25.4#

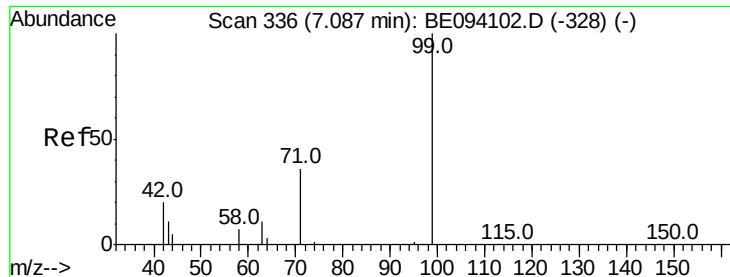


#4

2-Fluorophenol
 Concen: 0.392 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Tgt Ion: 112 Resp: 1780
 Ion Ratio Lower Upper
 112 100
 64 78.3 60.1 90.1
 63 162.4 116.8 175.2





#5

Phenol-d6

Concen: 0.390 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

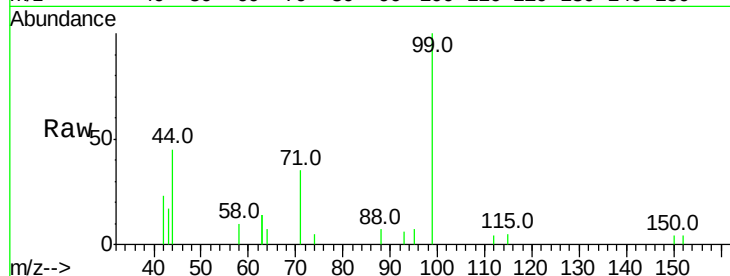
Tot Ion: 99 Resp: 2568

Ion Ratio Lower Upper

99 100

42 21.3 20.2 30.2

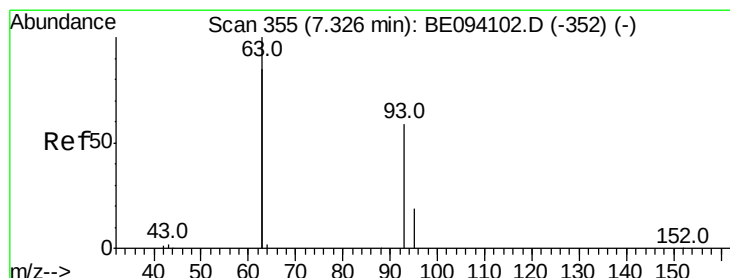
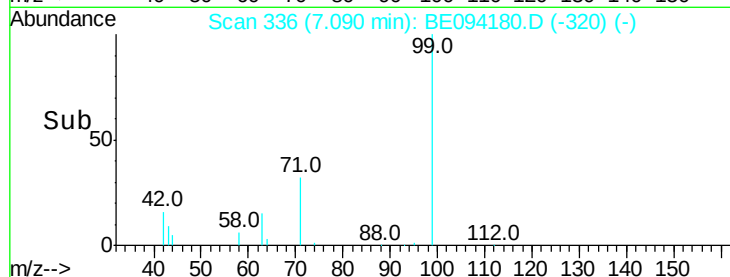
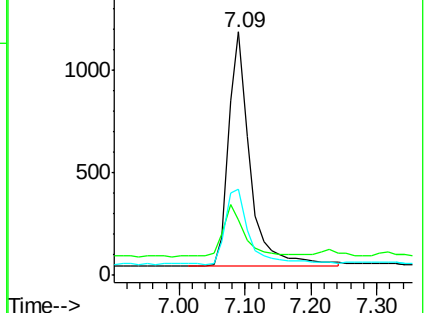
71 36.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.397 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

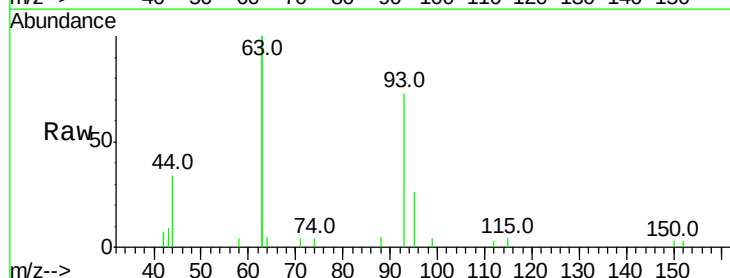
Tgt Ion: 93 Resp: 2122

Ion Ratio Lower Upper

93 100

63 344.9 275.3 412.9

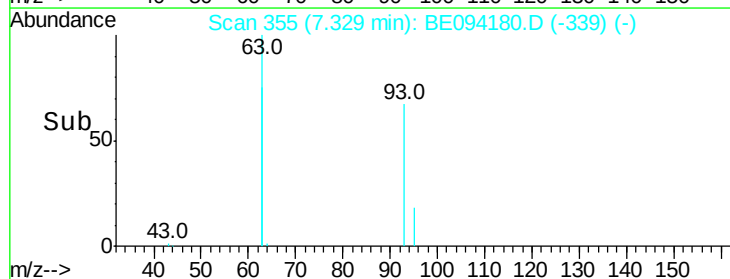
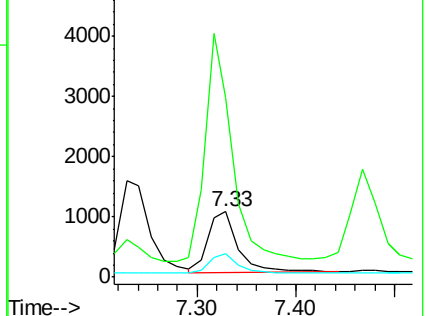
95 31.3 25.2 37.8

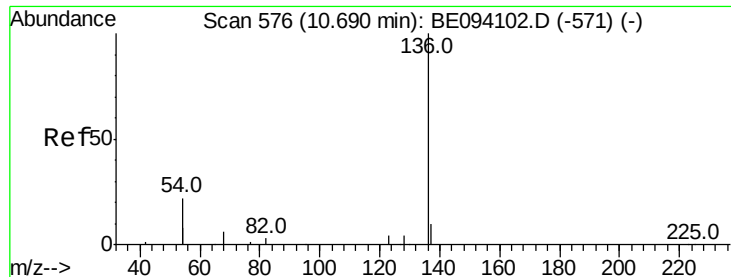


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

Tot Ion:136 Resp: 6547

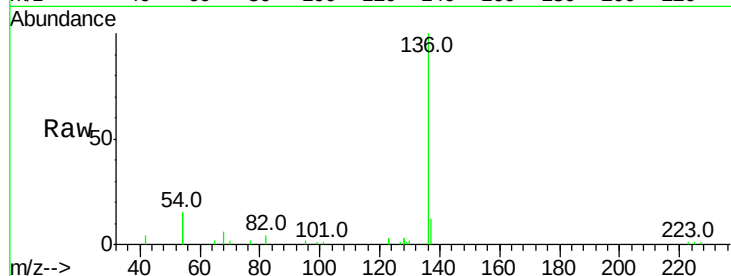
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 29.2 29.1 43.7

68 6.2 6.2 9.2

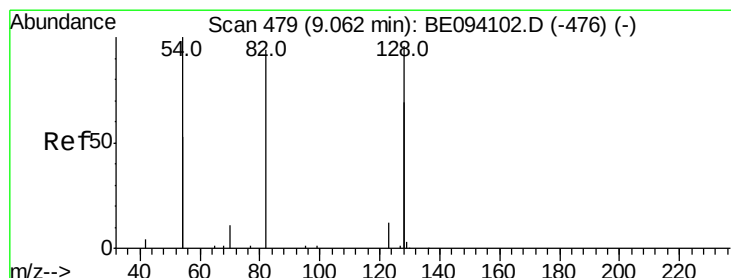
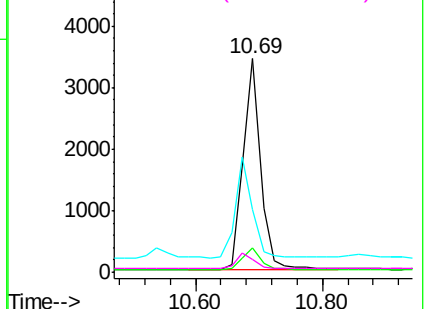
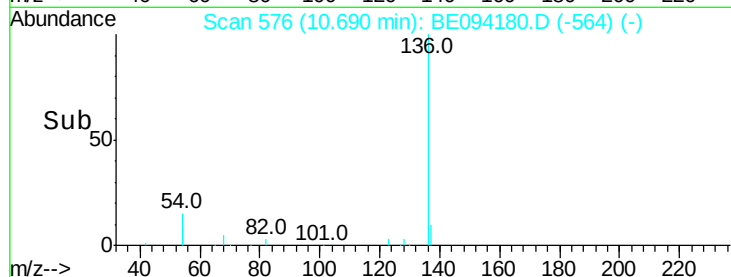


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

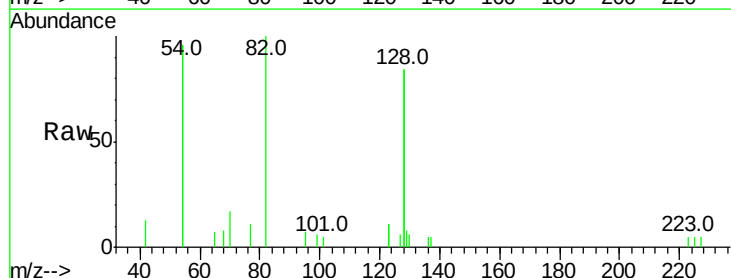
Tgt Ion: 82 Resp: 2162

Ion Ratio Lower Upper

82 100

128 167.9 150.0 225.0

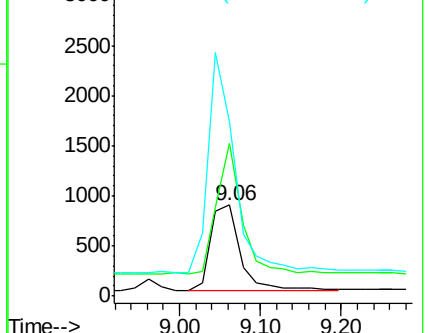
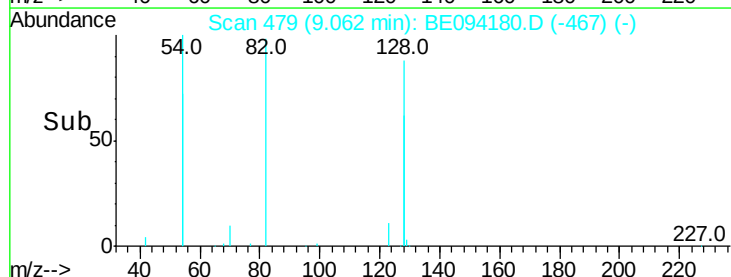
54 191.6 154.2 231.4

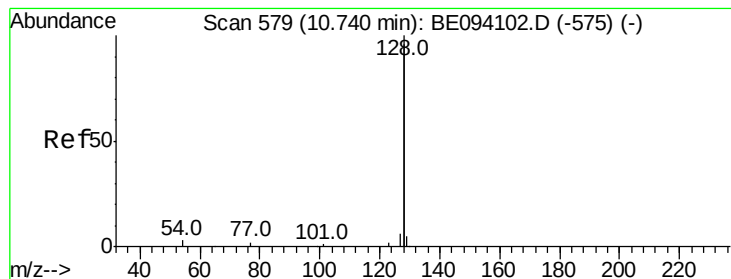


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

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ClientSampleId :

ICVBE100617

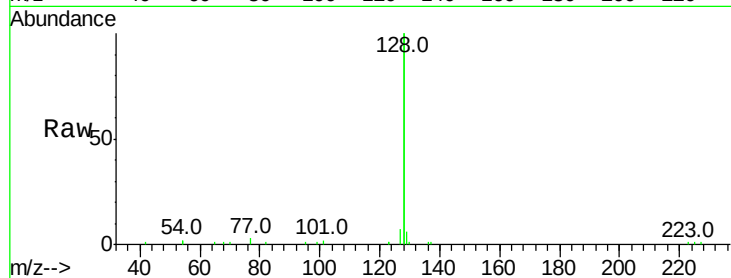
Tot Ion:128 Resp: 29840

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

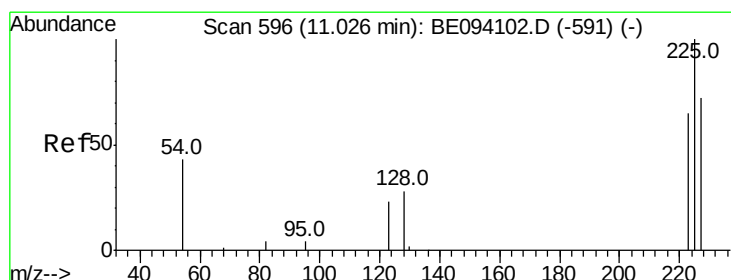
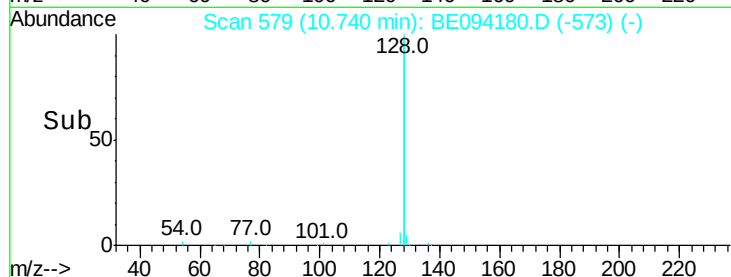
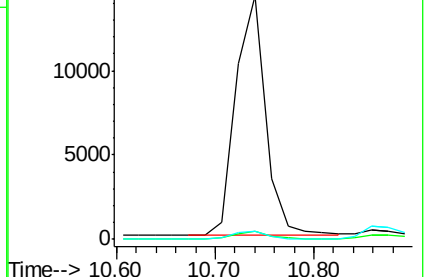
127 3.4 2.8 4.2



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: 0.407 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

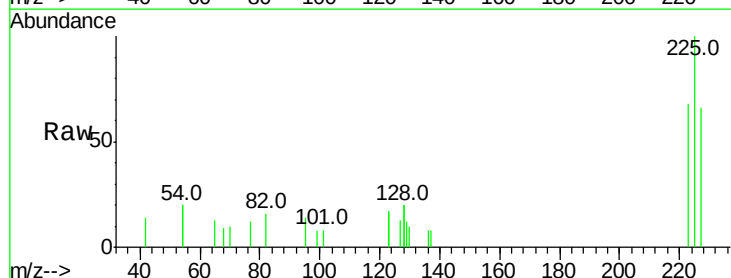
Tgt Ion:225 Resp: 1138

Ion Ratio Lower Upper

225 100

223 63.0 53.0 79.6

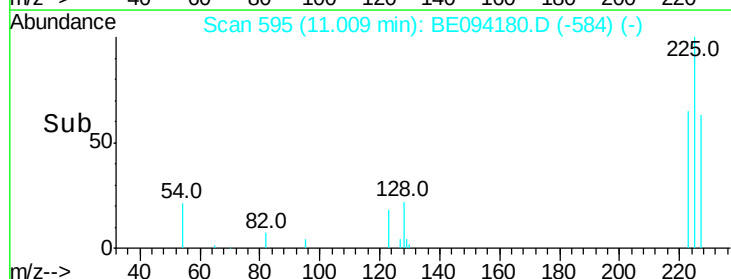
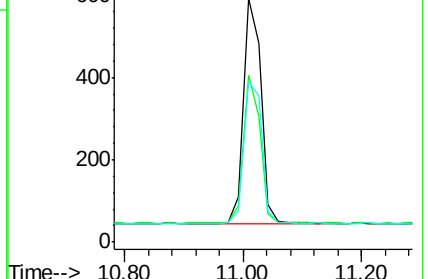
227 64.7 51.4 77.2

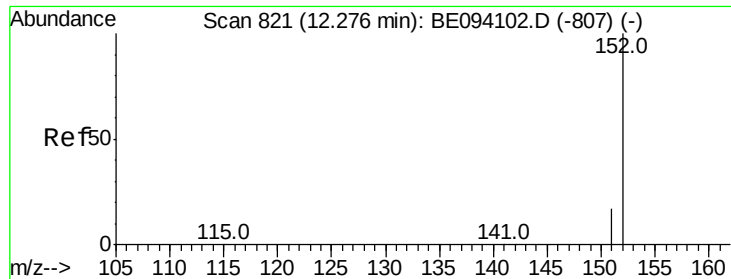


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

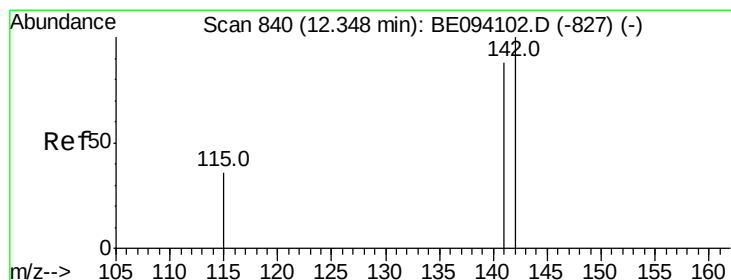
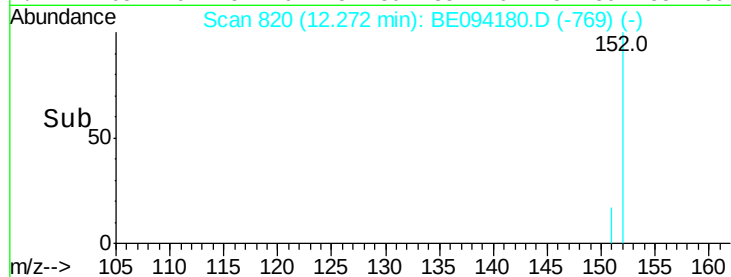
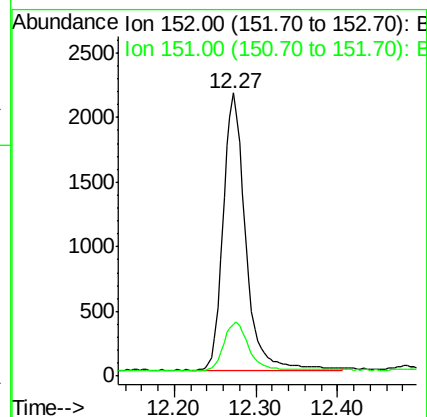
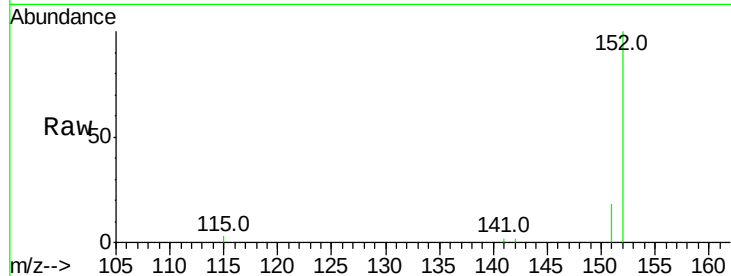




#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 12.27 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

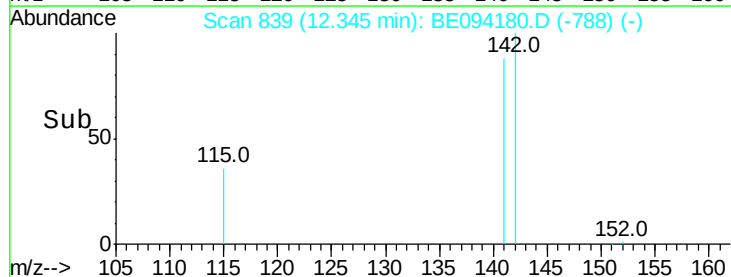
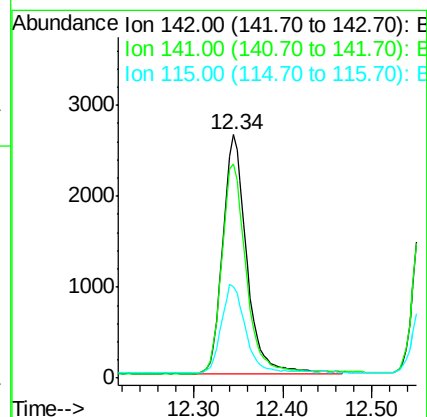
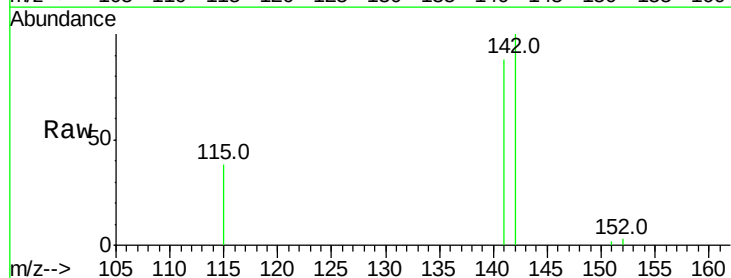
Instrument :
 BNA_E
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 ICVBE100617

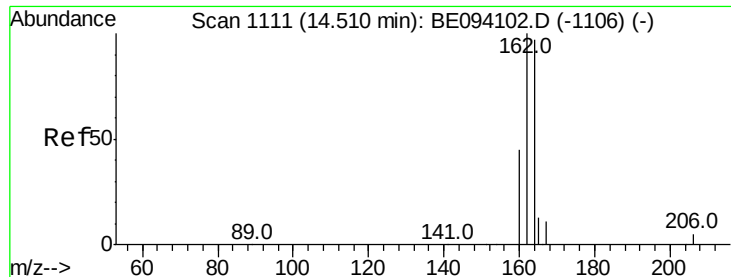
Tot Ion:152 Resp: 4086
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.404 ng
 RT: 12.34 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Tgt Ion:142 Resp: 4895
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.4 105.6
 115 37.5 31.7 47.5

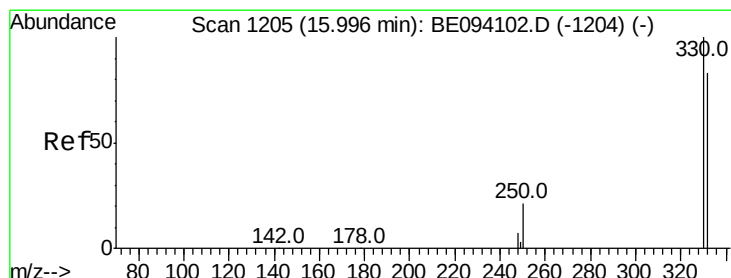
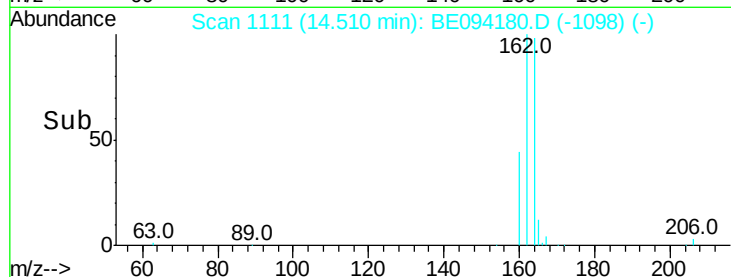
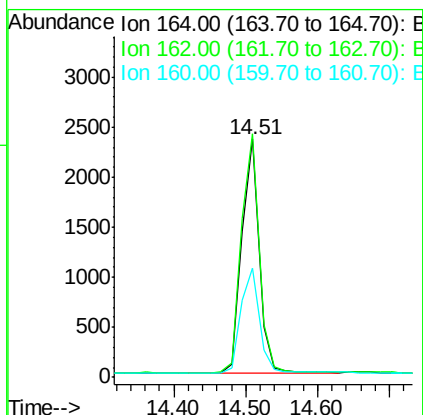
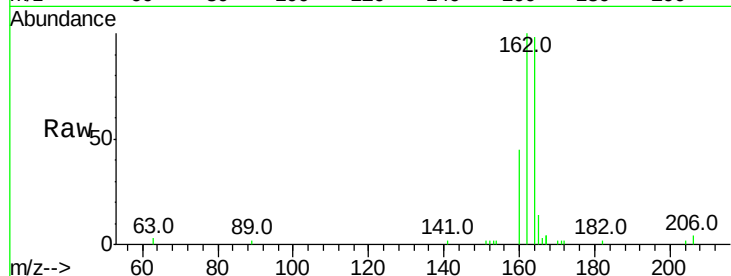




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094180.D
Acq: 6 Oct 2017 15:07

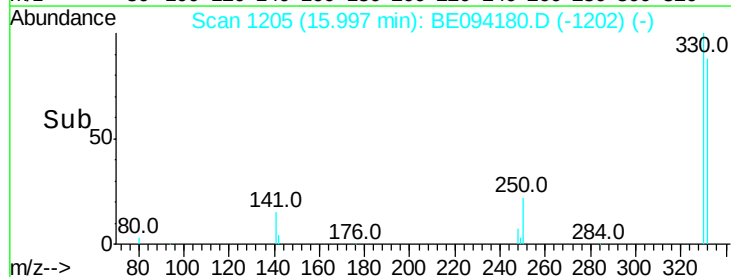
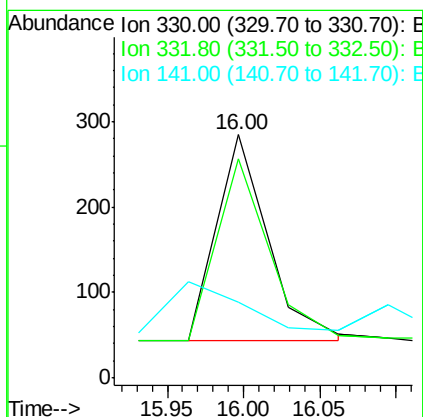
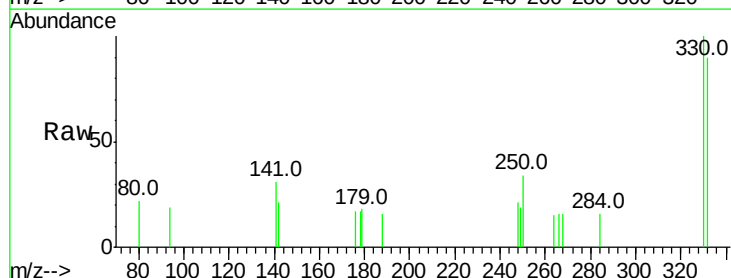
Instrument :
BNA_E
ClientSampleId :
ICVBE100617

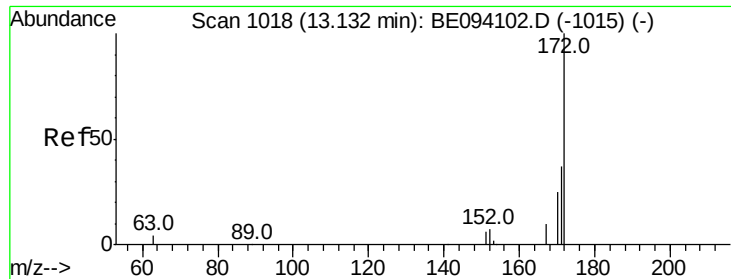
Tot Ion:164 Resp: 3924
Ion Ratio Lower Upper
164 100
162 102.3 83.1 124.7
160 46.0 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094180.D
Acq: 6 Oct 2017 15:07

Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 92.3 152.7 229.1#
141 0.0 33.7 50.5#

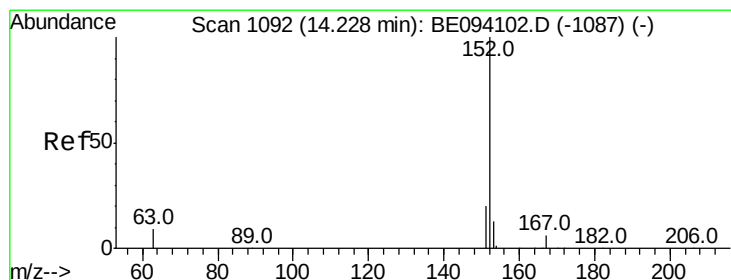
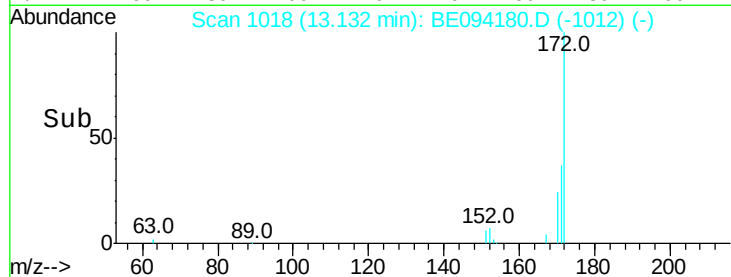
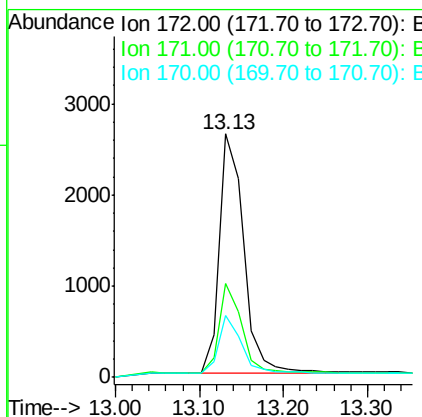
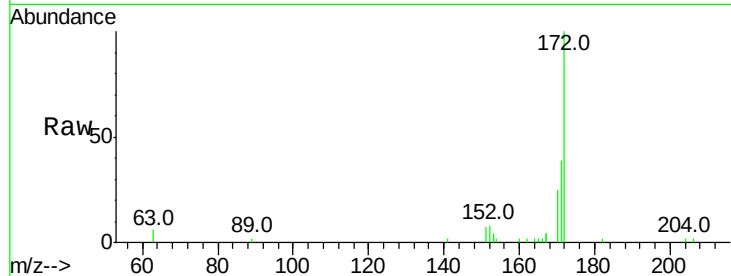




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094180.D
Acq: 6 Oct 2017 15:07

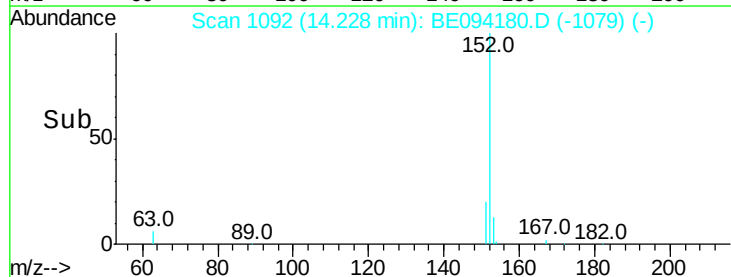
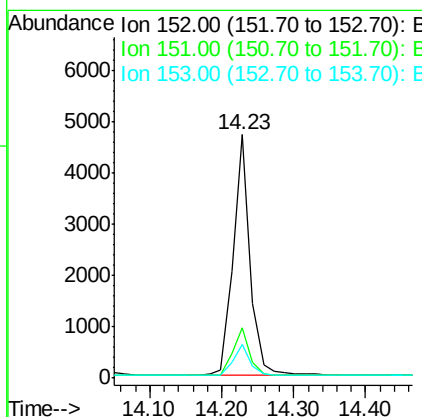
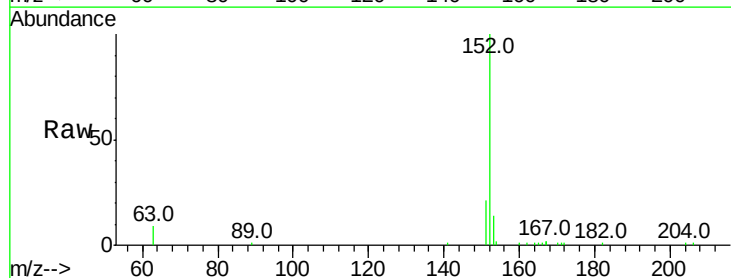
Instrument :
BNA_E
ClientSampleId :
ICVBE100617

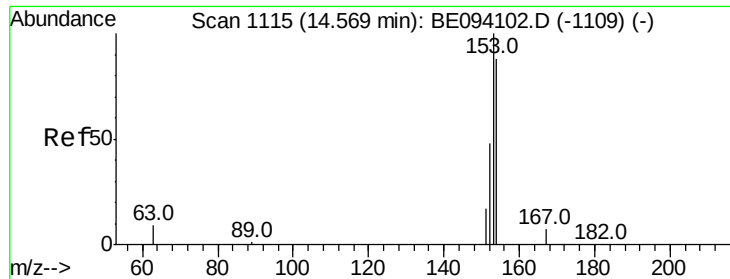
Tot Ion:172 Resp: 5337
Ion Ratio Lower Upper
172 100
171 38.5 29.9 44.9
170 25.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094180.D
Acq: 6 Oct 2017 15:07

Tgt Ion:152 Resp: 7770
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

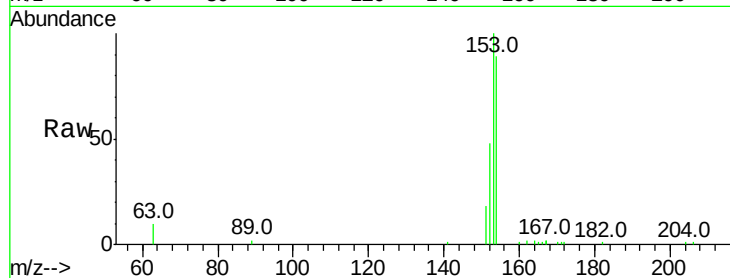
Tot Ion:154 Resp: 5229

Ion Ratio Lower Upper

154 100

153 112.8 89.2 133.8

152 55.5 42.0 63.0

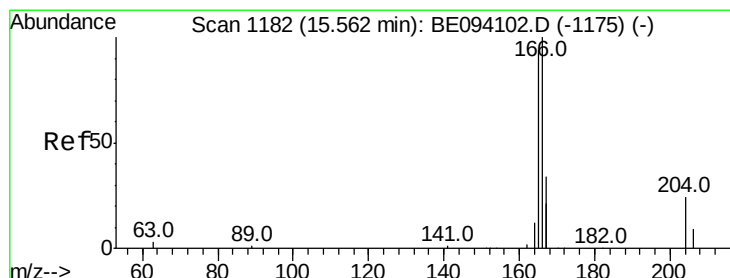
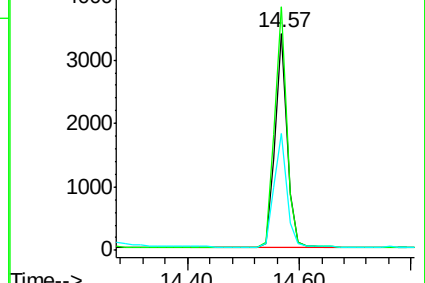
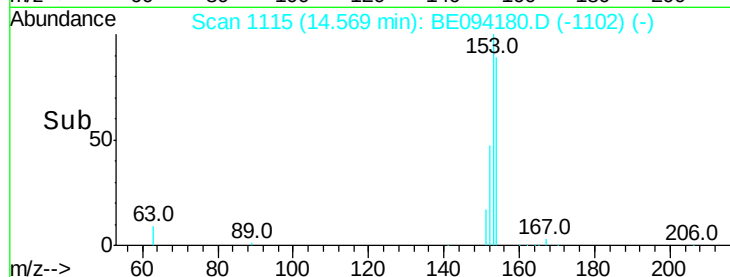


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#18

Fluorene

Concen: 0.394 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

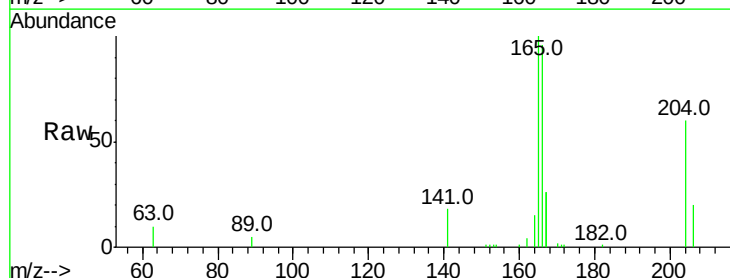
Tgt Ion:166 Resp: 6778

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

167 51.9 42.4 63.6

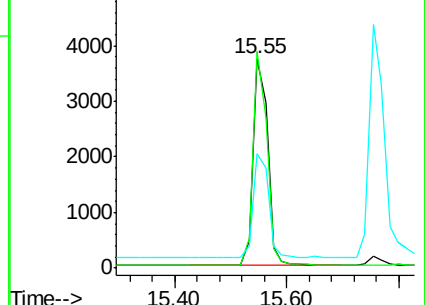
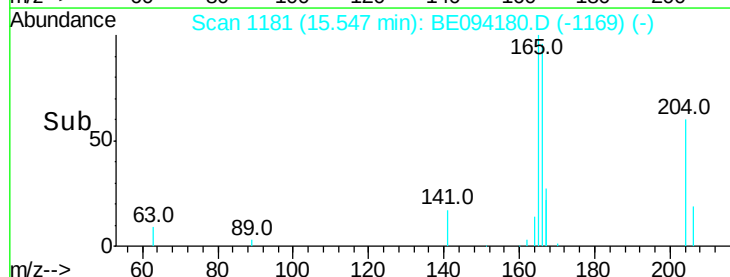


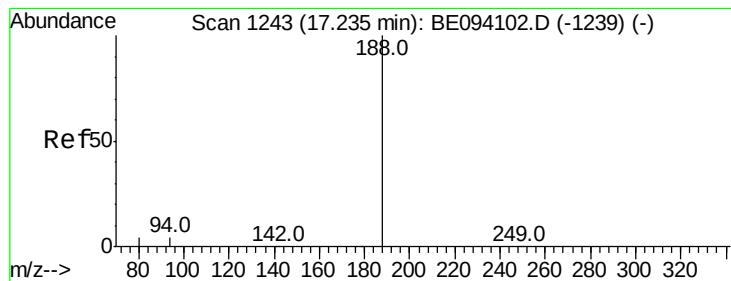
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

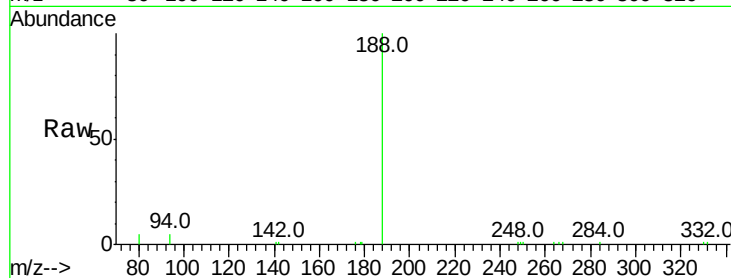
Tot Ion:188 Resp: 11480

Ion Ratio Lower Upper

188 100

94 4.9 3.9 5.9

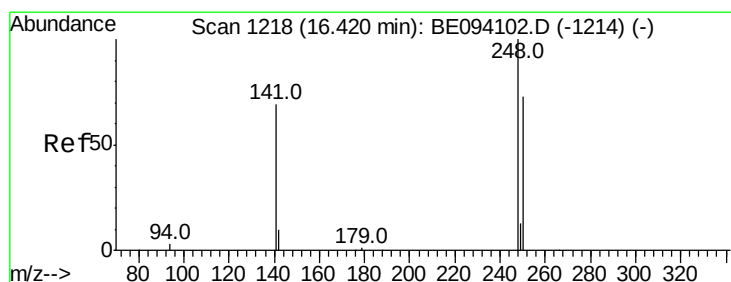
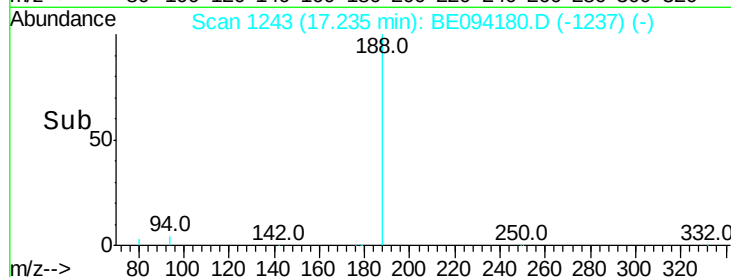
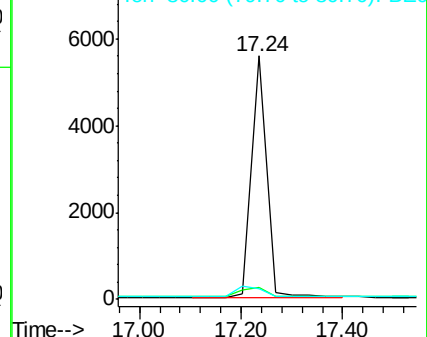
80 4.6 3.6 5.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.389 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

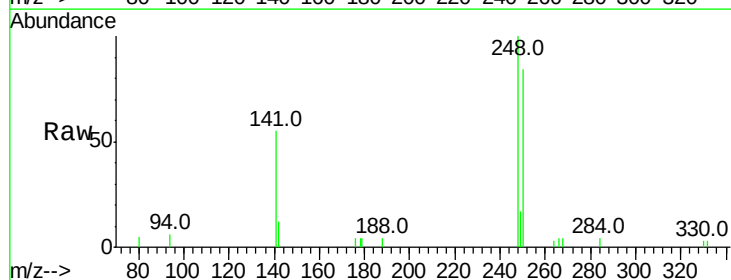
Tgt Ion:248 Resp: 2570

Ion Ratio Lower Upper

248 100

250 84.4 62.7 94.1

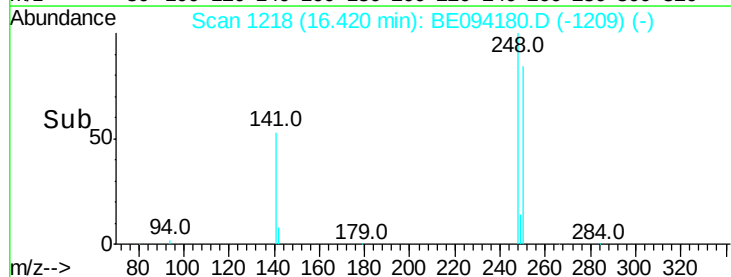
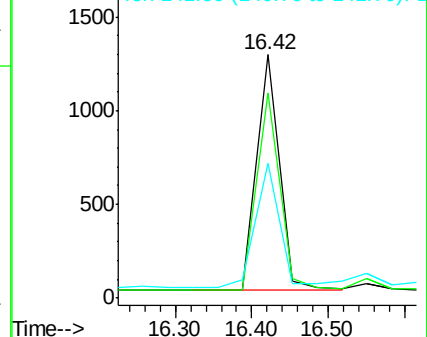
141 55.3 48.2 72.2

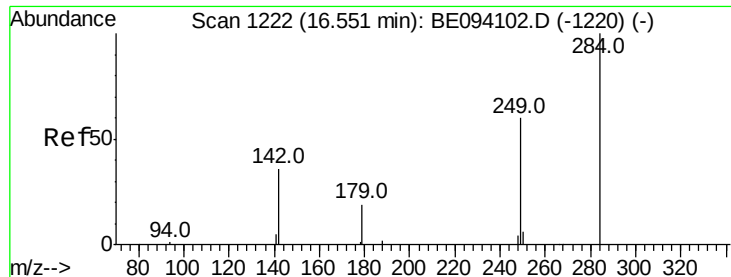


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

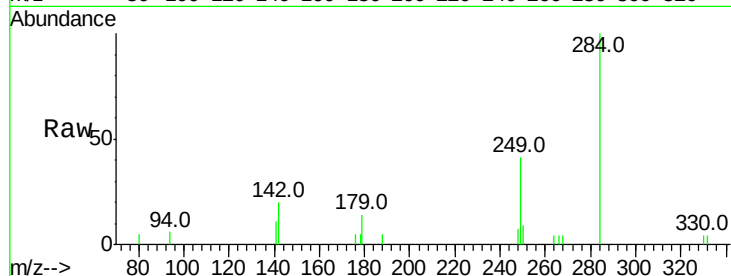




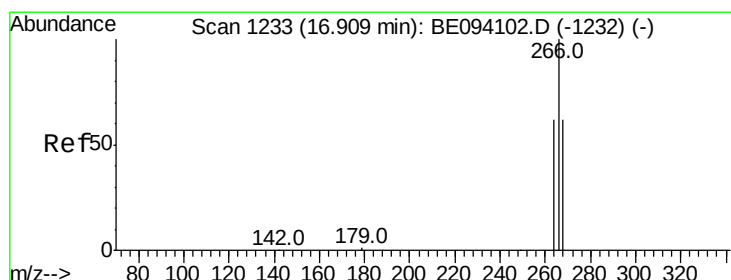
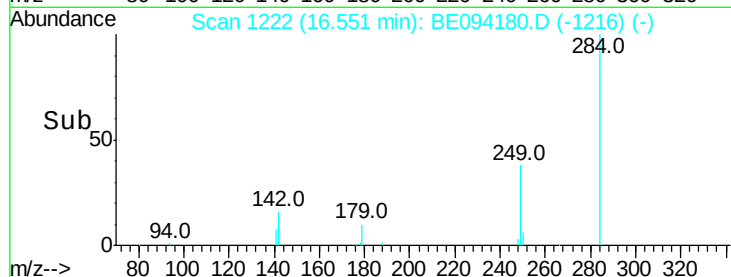
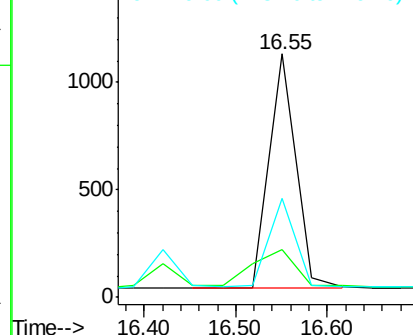
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094180.D
Acq: 6 Oct 2017 15:07

Instrument :
BNA_E
ClientSampleId :
ICVBE100617

Tot Ion:284 Resp: 2218
Ion Ratio Lower Upper
284 100
142 24.3 22.1 33.1
249 37.2 34.8 52.2

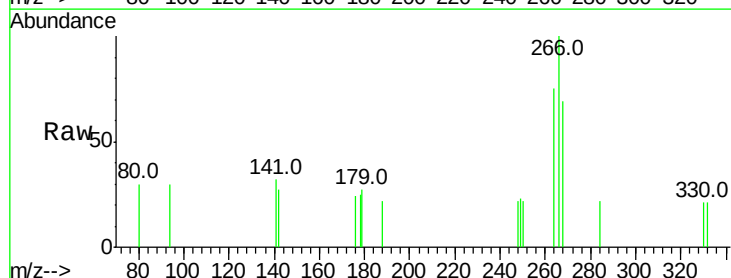


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

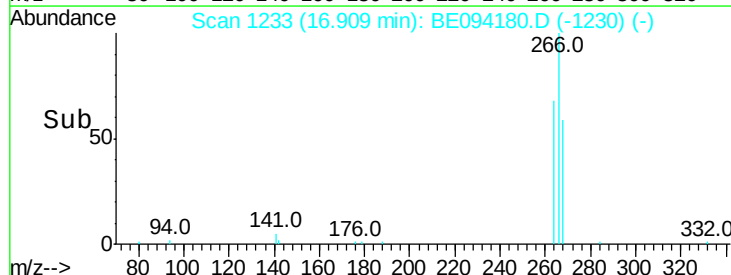
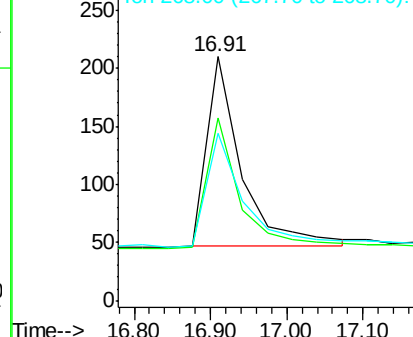


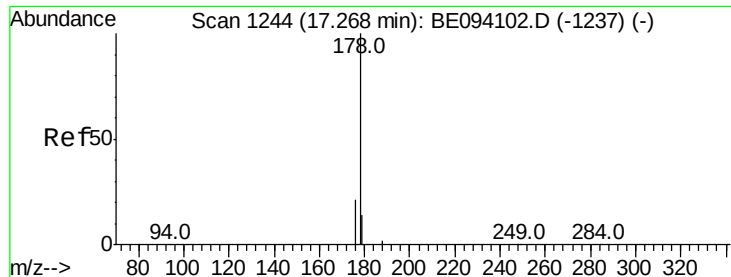
#22
Pentachlorophenol
Concen: 0.319 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094180.D
Acq: 6 Oct 2017 15:07

Tgt Ion:266 Resp: 514
Ion Ratio Lower Upper
266 100
264 74.8 72.5 108.7
268 68.6 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: 0.389 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

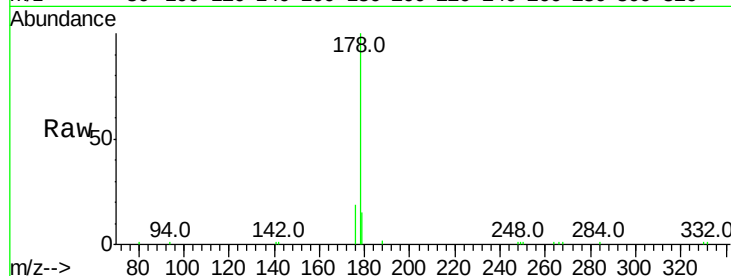
Tot Ion:178 Resp: 15477

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

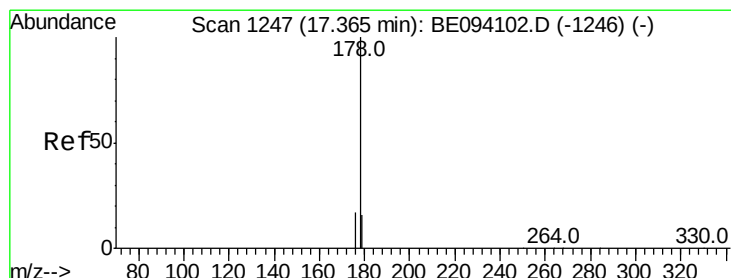
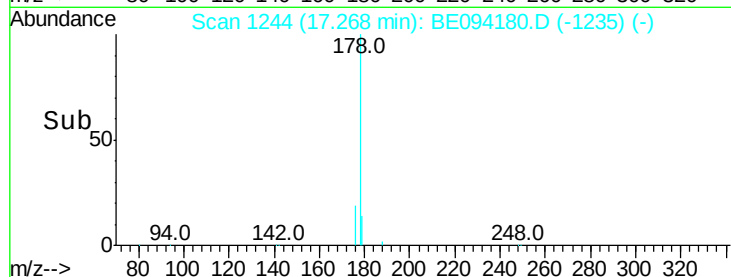
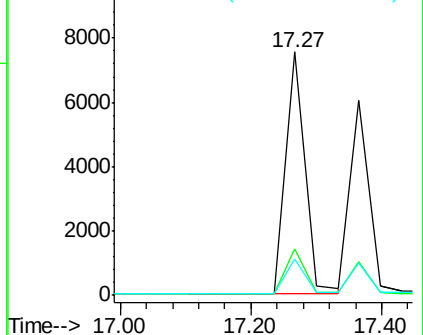
179 14.7 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.409 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

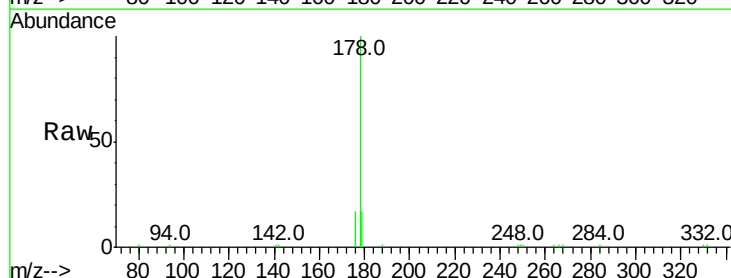
Tgt Ion:178 Resp: 12417

Ion Ratio Lower Upper

178 100

176 16.6 12.8 19.2

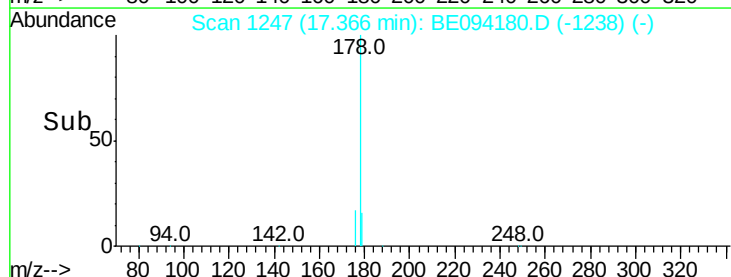
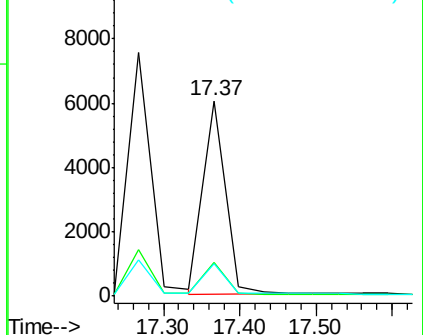
179 16.1 13.0 19.6

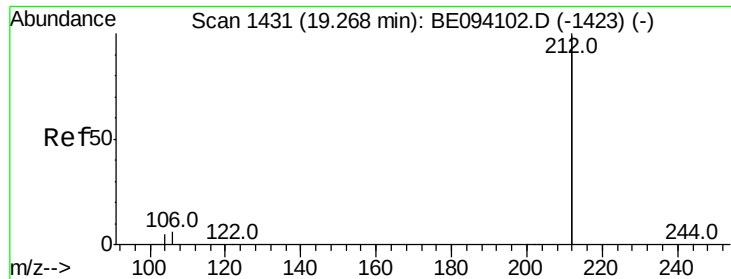


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

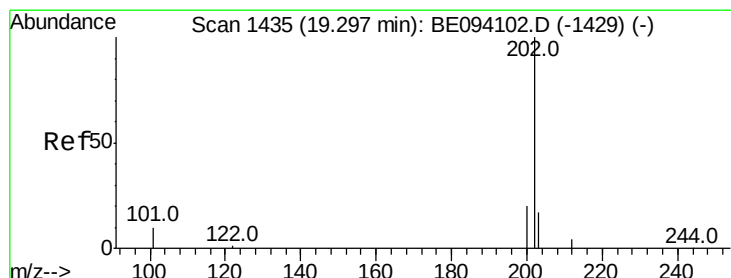
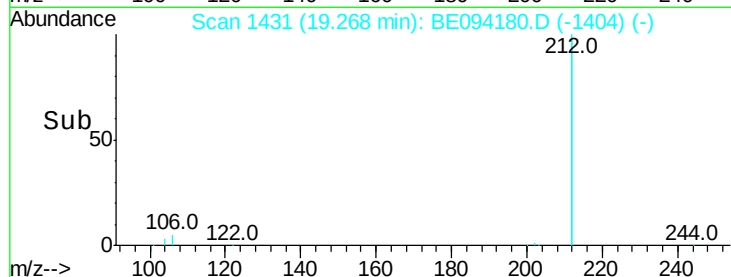
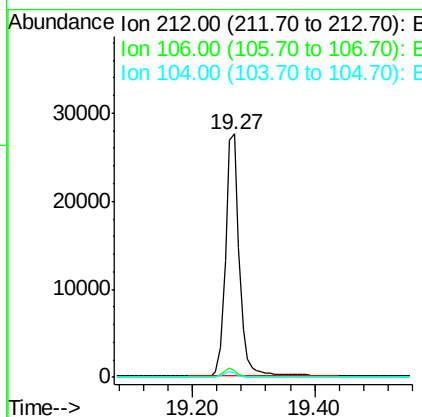
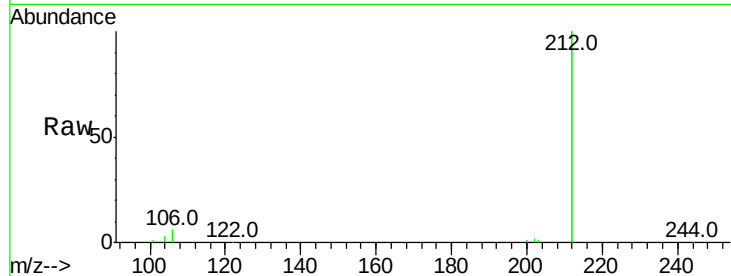




#25
 Fluoranthene-d10
 Concen: 0.375 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

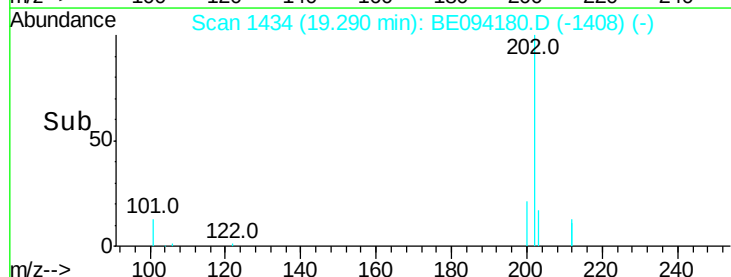
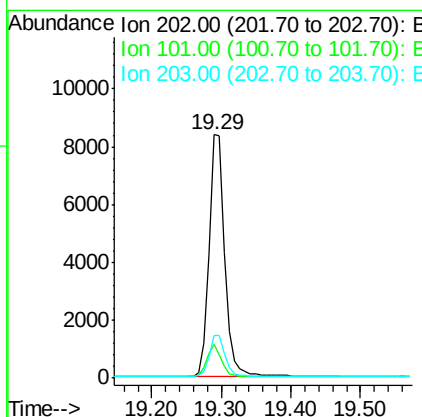
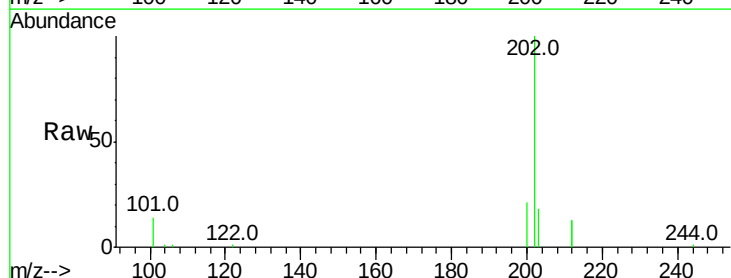
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100617

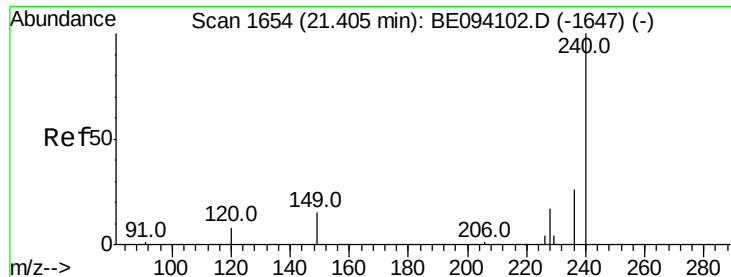
Tot Ion:212 Resp: 43003
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.376 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Tgt Ion:202 Resp: 13127
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.8 14.8
 203 17.0 13.7 20.5

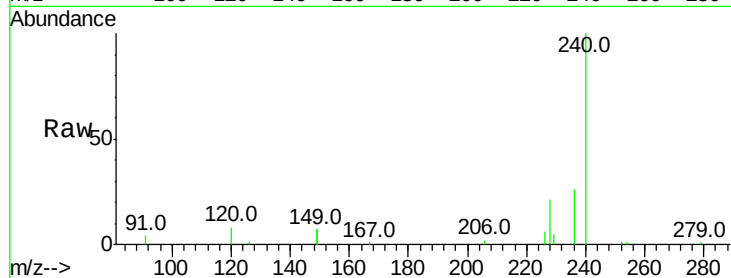




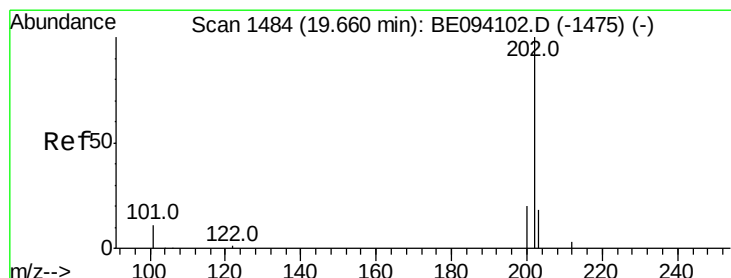
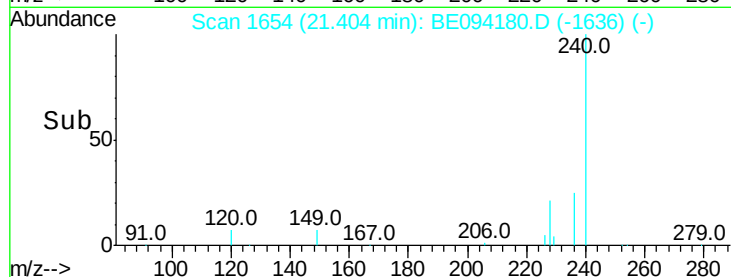
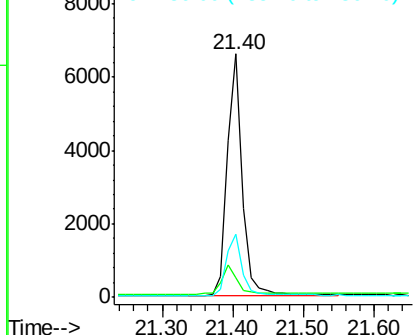
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100617

Tot Ion:240 Resp: 9864
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.5 8.3
 236 25.9 20.7 31.1

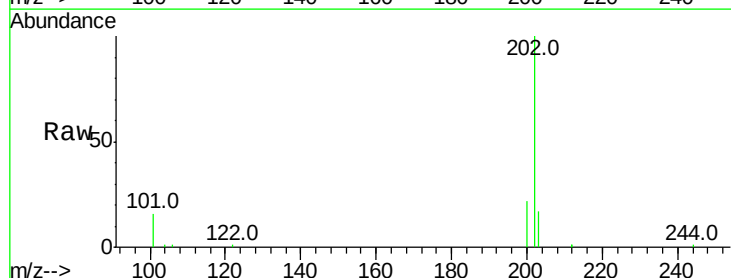


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

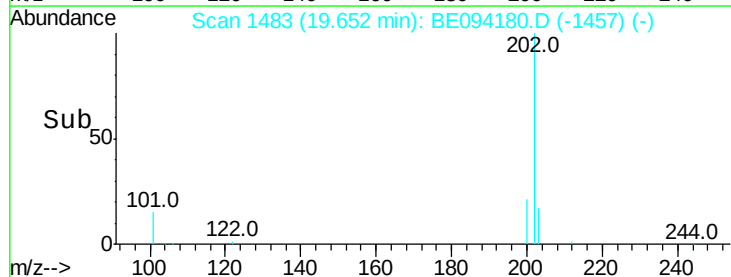
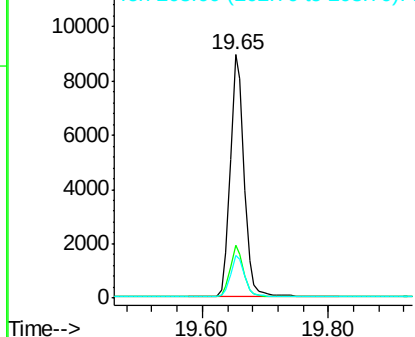


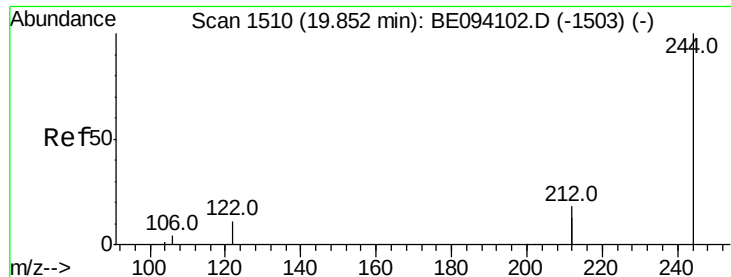
#28
 Pyrene
 Concen: 0.399 ng
 RT: 19.65 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BE094180.D
 Acq: 6 Oct 2017 15:07

Tgt Ion:202 Resp: 13528
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 17.2 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: 0.398 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

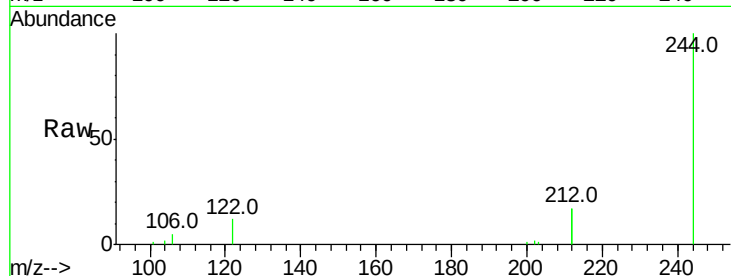
Tot Ion:244 Resp: 7421

Ion Ratio Lower Upper

244 100

212 34.3 25.4 38.0

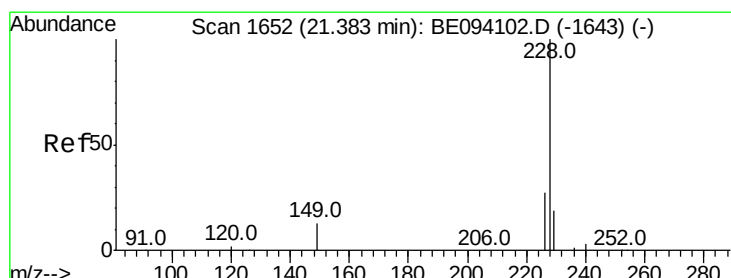
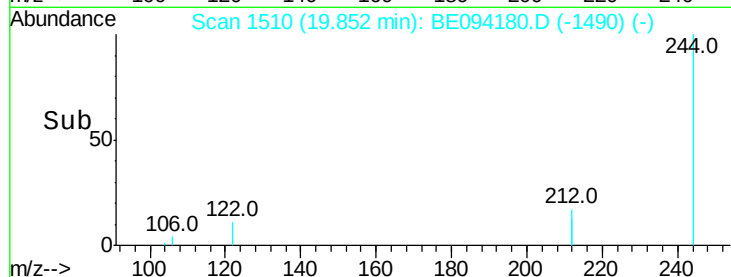
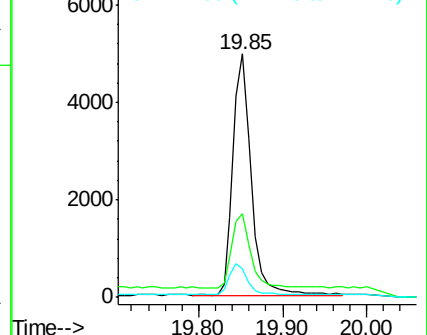
122 11.8 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.392 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

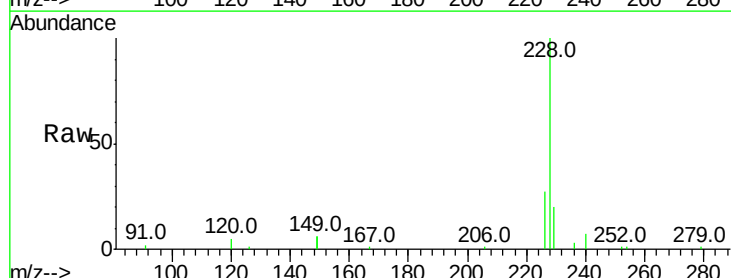
Tgt Ion:228 Resp: 12697

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

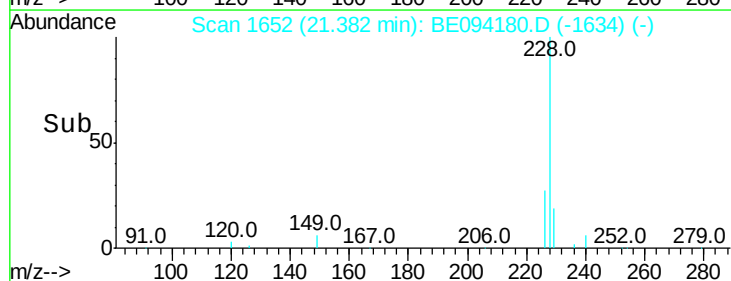
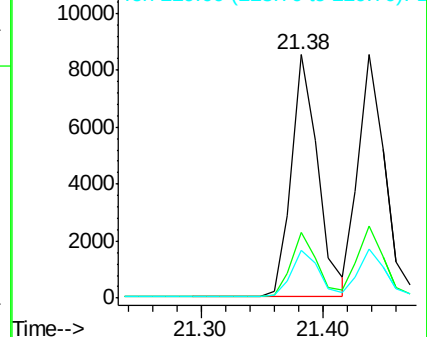
229 19.7 16.4 24.6

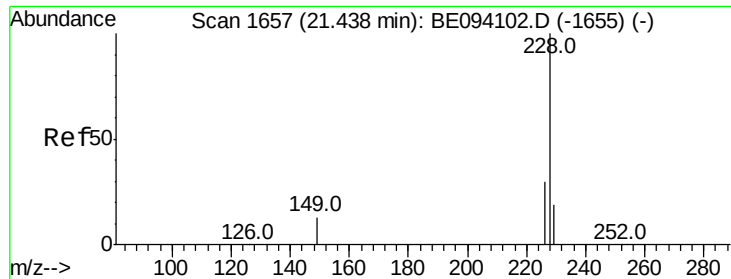


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

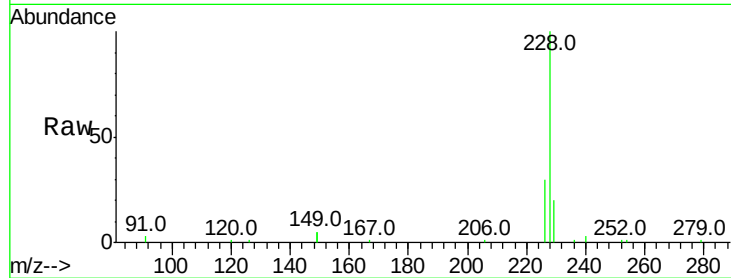
Tot Ion:228 Resp: 12972

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

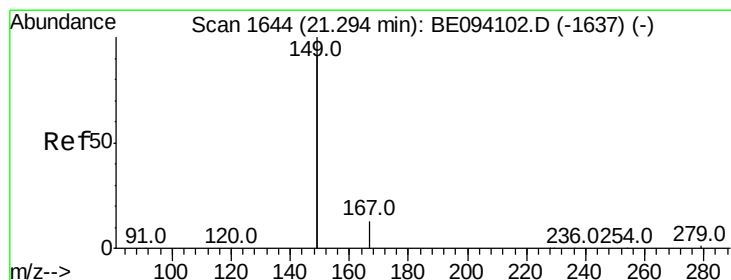
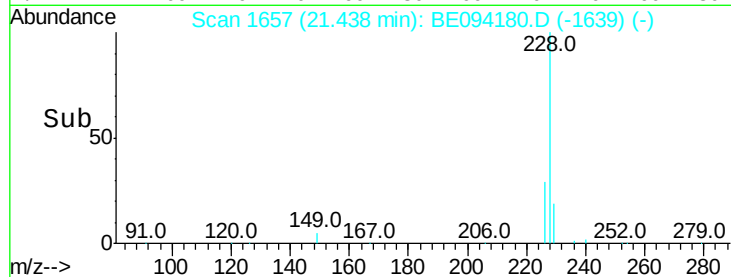
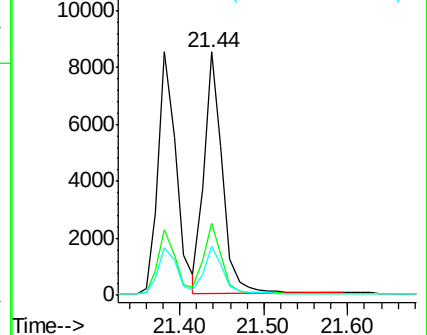
229 20.0 16.4 24.6



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: 0.355 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

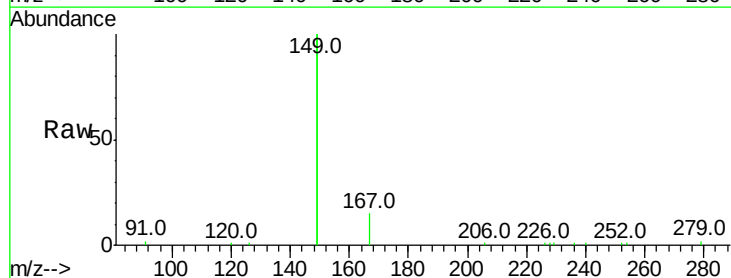
Tgt Ion:149 Resp: 26509

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

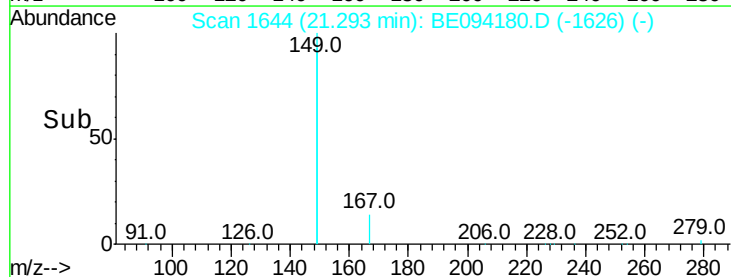
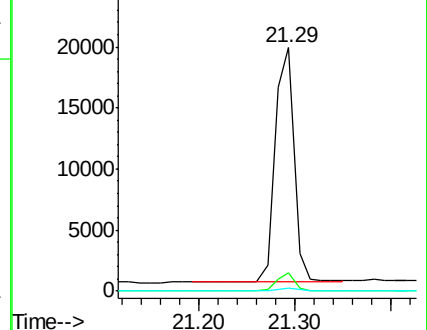
279 0.9 0.7 1.1

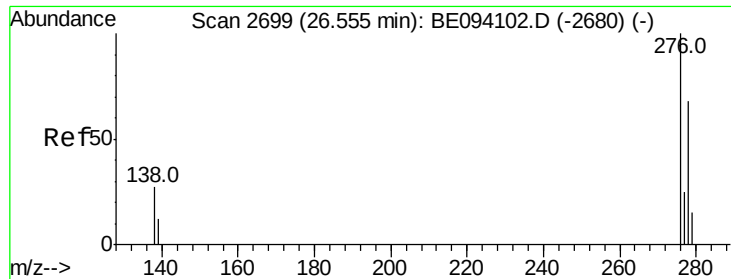


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.406 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

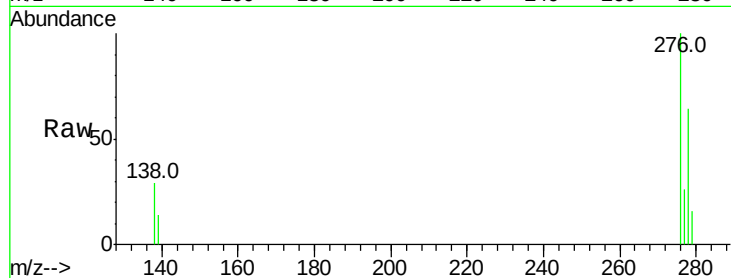
Tot Ion:276 Resp: 12904

Ion Ratio Lower Upper

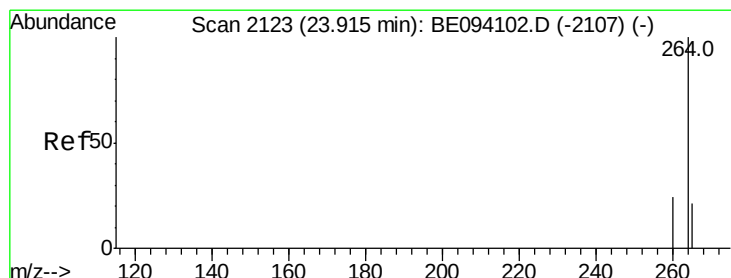
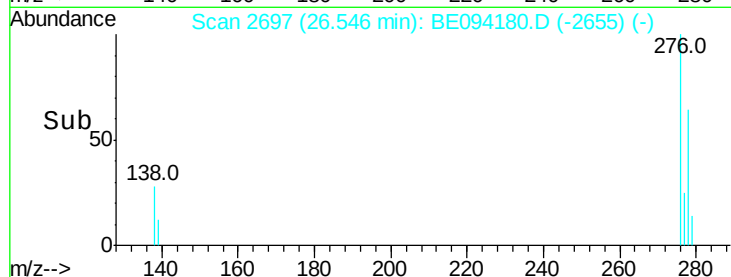
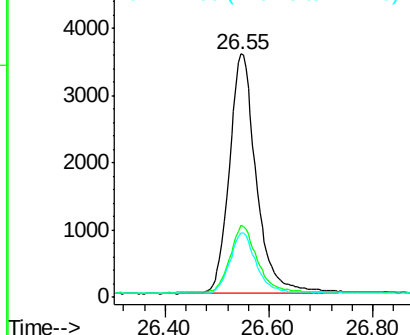
276 100

138 27.6 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: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

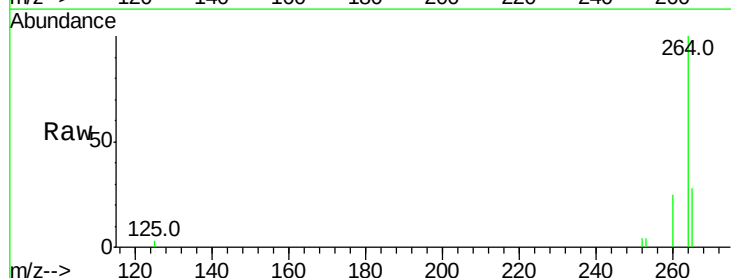
Tgt Ion:264 Resp: 9259

Ion Ratio Lower Upper

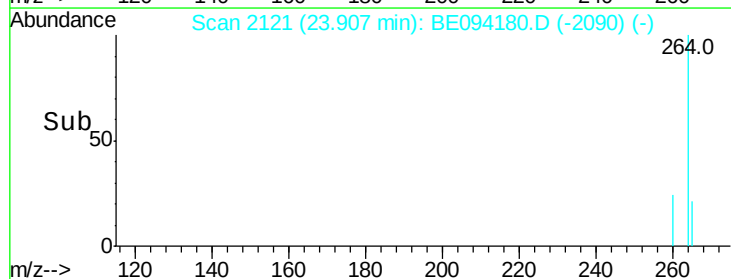
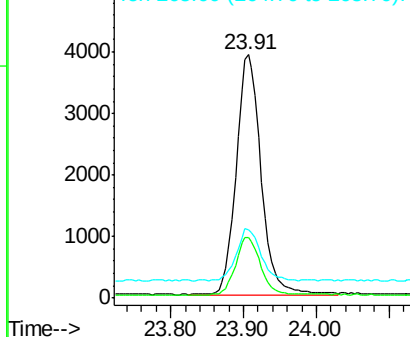
264 100

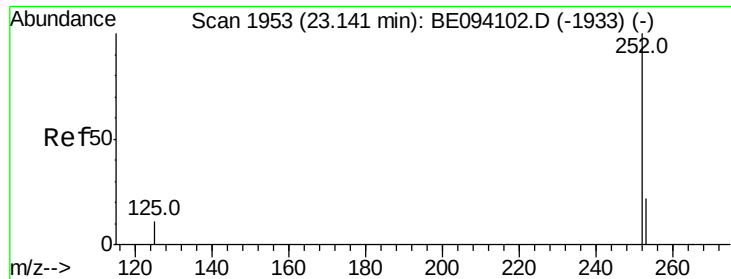
260 24.8 20.5 30.7

265 28.1 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

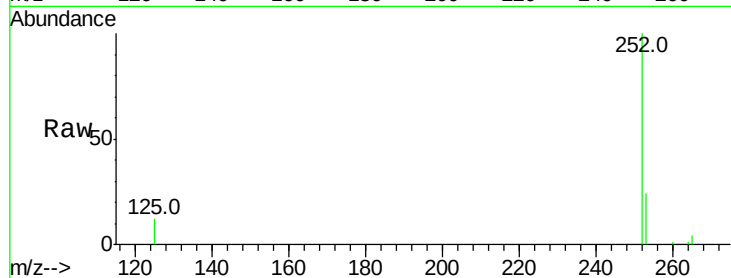
Tot Ion:252 Resp: 12578

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

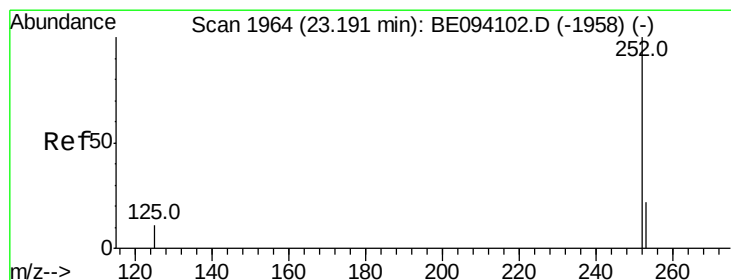
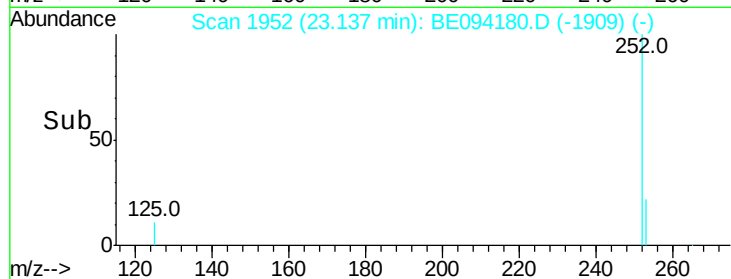
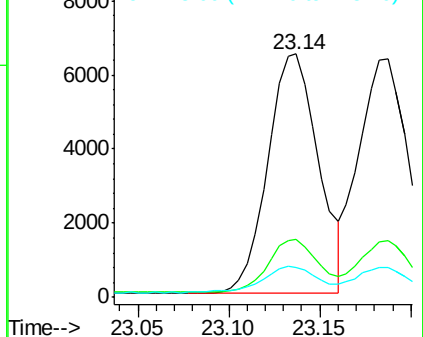
125 12.3 10.1 15.1



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: 0.404 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

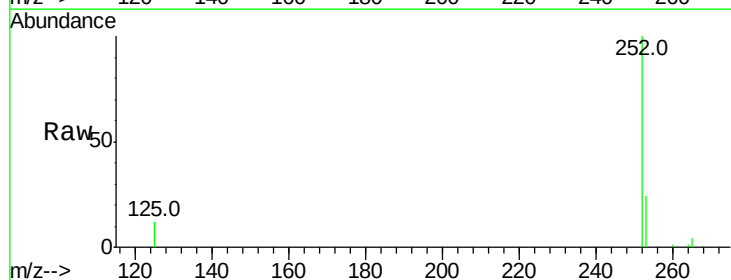
Tgt Ion:252 Resp: 12777

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

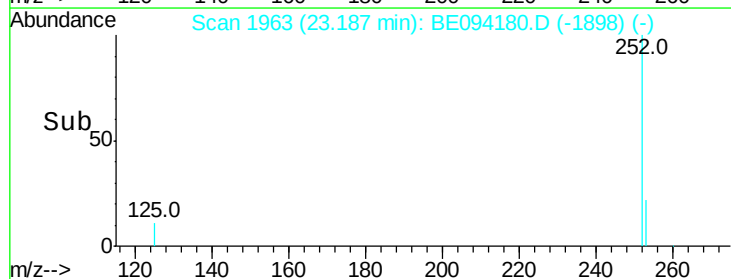
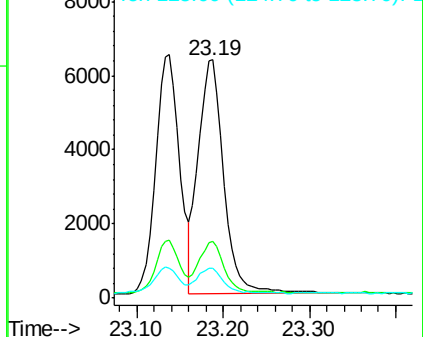
125 12.5 10.7 16.1

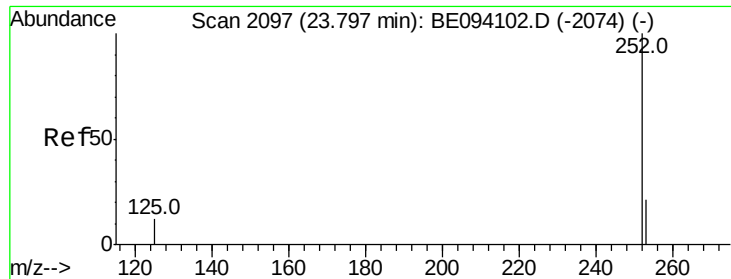


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617

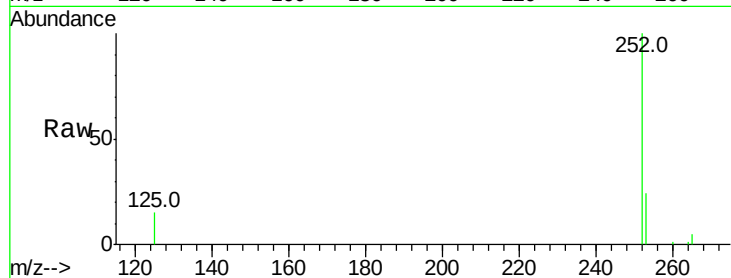
Tot Ion:252 Resp: 11689

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.6

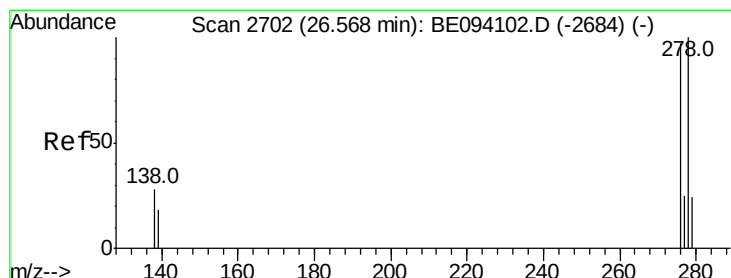
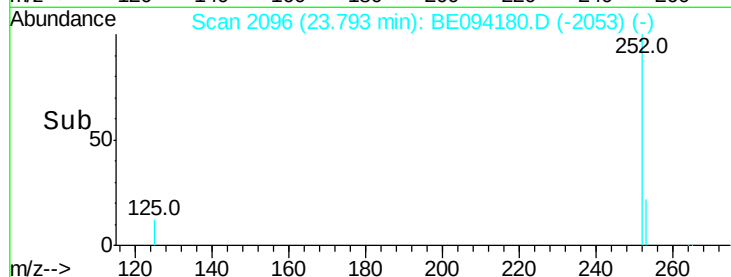
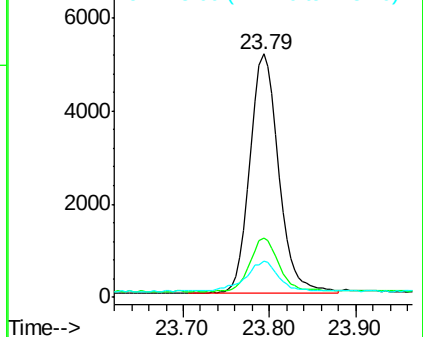
125 14.6 11.8 17.8



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: 0.397 ng

RT: 26.56 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BE094180.D

Acq: 6 Oct 2017 15:07

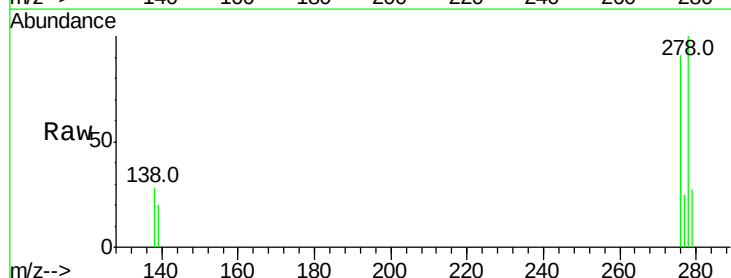
Tgt Ion:278 Resp: 10842

Ion Ratio Lower Upper

278 100

139 19.7 16.3 24.5

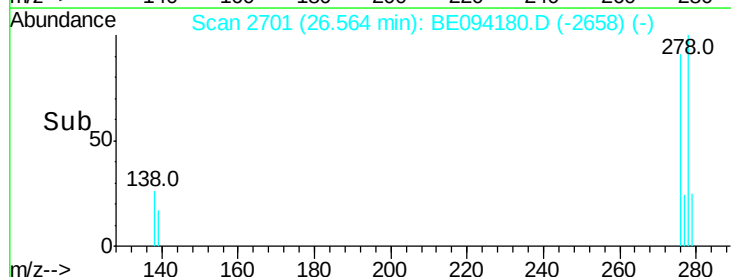
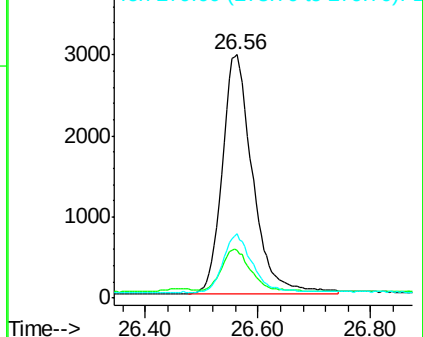
279 26.5 19.9 29.9

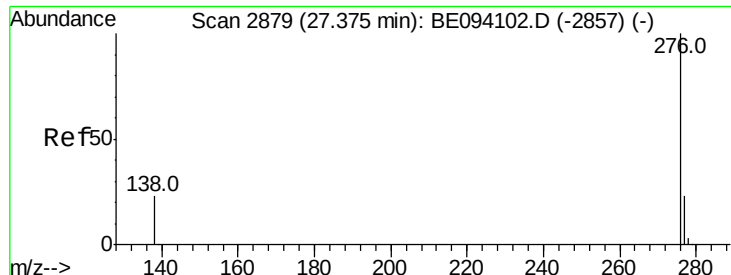


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.404 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BE094180.D

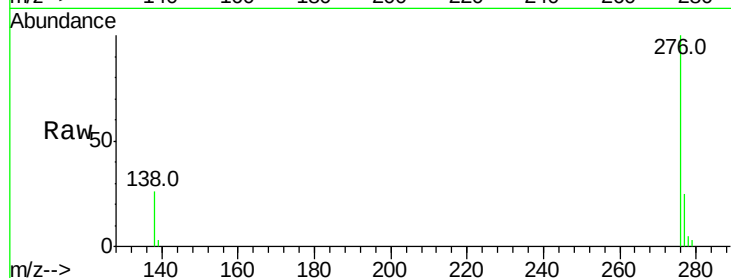
Acq: 6 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

ICVBE100617



Tot Ion:276 Resp: 11256

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 25.7 21.5 32.3

