

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094113.D
 Acq On : 25 Sep 2017 21:47
 Operator : SJ/JU
 Sample : I5340-12MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 01:37:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1454	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7221	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4647	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	18377	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15288	0.40	ng	0.00
34) Perylene-d12	23.91	264	14388	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	872	0.16	ng	0.00
5) Phenol-d6	7.09	99	1278	0.17	ng	0.00
8) Nitrobenzene-d5	9.06	82	1034	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	1596	0.14	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	321	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	2132	0.14	ng	0.00
25) Fluoranthene-d10	19.27	212	21944	0.12	ng	0.00
29) Terphenyl-d14	19.85	244	3445	0.12	ng	0.00

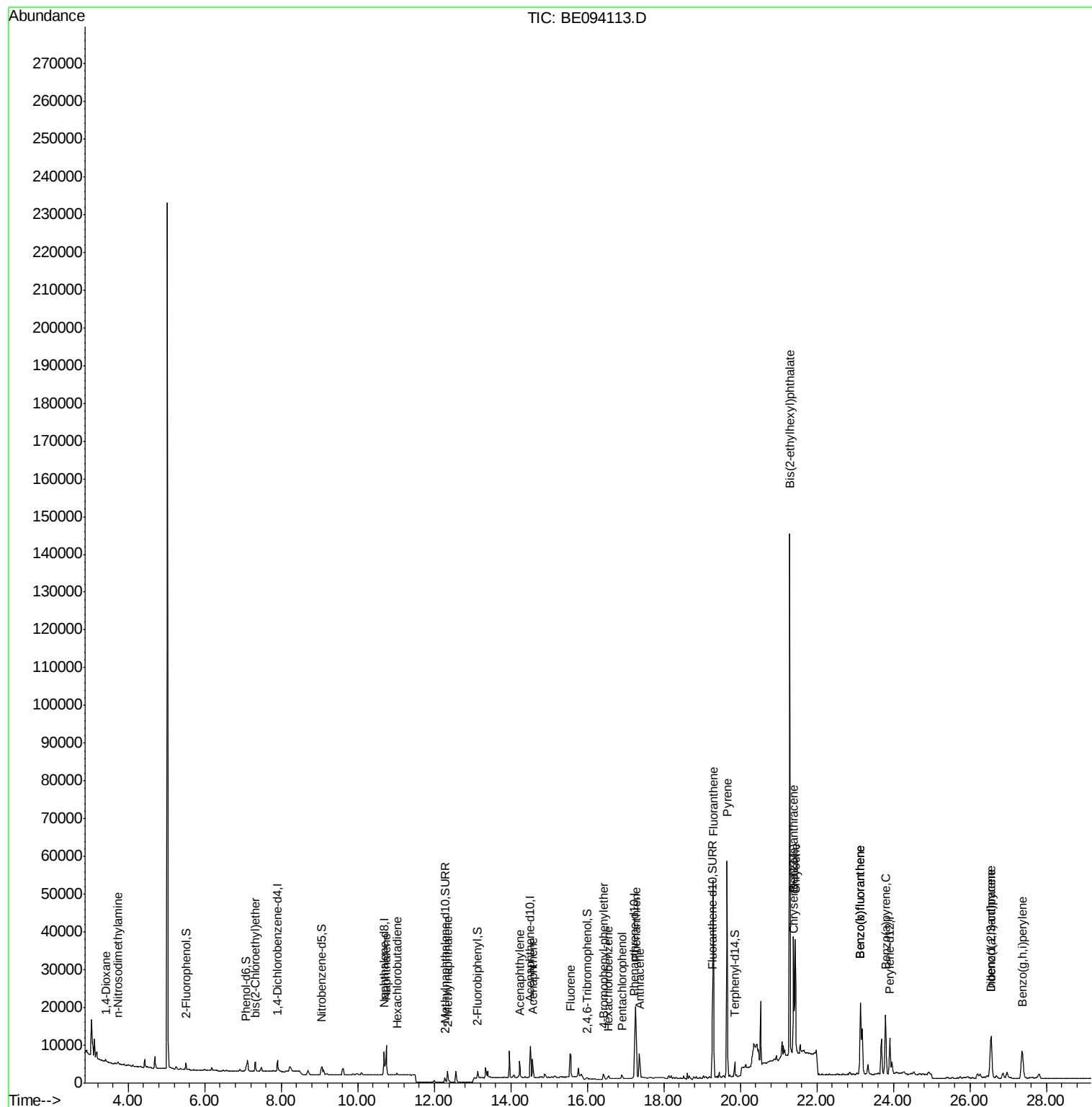
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	462	0.163	ng	# 21
3) n-Nitrosodimethylamine	3.73	42	574	0.159	ng	# 77
6) bis(2-Chloroethyl)ether	7.33	93	934	0.157	ng	98
9) Naphthalene	10.74	128	12906	0.158	ng	99
10) Hexachlorobutadiene	11.03	225	393	0.129	ng	99
12) 2-Methylnaphthalene	12.35	142	2199	0.167	ng	96
16) Acenaphthylene	14.23	152	5536	0.238	ng	100
17) Acenaphthene	14.57	154	2532	0.174	ng	97
18) Fluorene	15.56	166	3681	0.186	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	1136	0.151	ng	# 89
21) Hexachlorobenzene	16.55	284	710	0.149	ng	# 85
22) Pentachlorophenol	16.91	266	857	0.197	ng	# 74
23) Phenanthrene	17.27	178	28626	0.609	ng	98
24) Anthracene	17.37	178	10261	0.208	ng	97
26) Fluoranthene	19.30	202	50251	0.954	ng	100
28) Pyrene	19.65	202	51509	1.063	ng	96
30) Benzo(a)anthracene	21.38	228	27370	0.532	ng	97
31) Chrysene	21.44	228	30293	0.610	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	152895	1.021	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	18617	0.350	ng	97
35) Benzo(b)fluoranthene	23.14	252	33059	0.637	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	33059	0.665	ng	96
37) Benzo(a)pyrene	23.79	252	25034	0.534	ng	97
38) Dibenzo(a,h)anthracene	26.56	278	7874	0.177	ng	# 85
39) Benzo(g,h,i)perylene	27.37	276	17960	0.408	ng	98

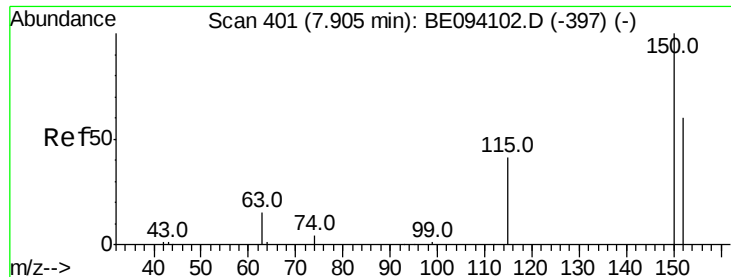
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094113.D
Acq On : 25 Sep 2017 21:47
Operator : SJ/JU
Sample : I5340-12MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 01:37:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration



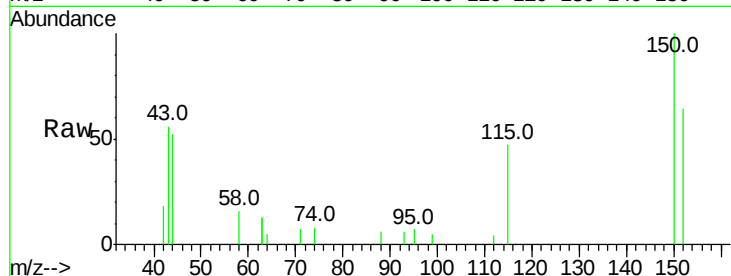


#1

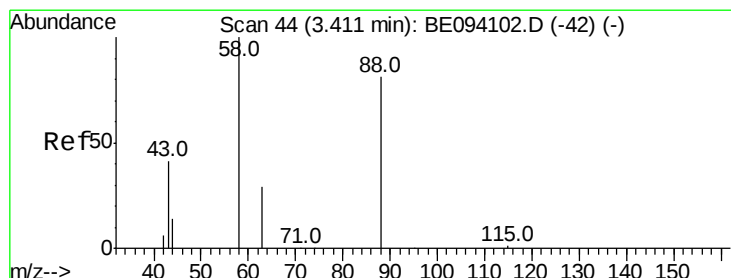
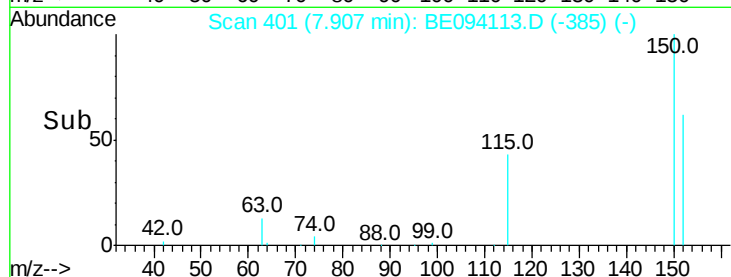
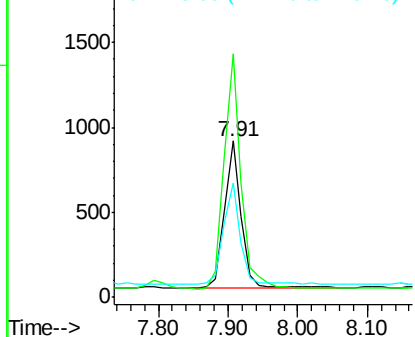
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094113.D
Acq: 25 Sep 2017 21:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1454
Ion Ratio Lower Upper
152 100
150 156.1 117.2 175.8
115 73.0 57.0 85.6



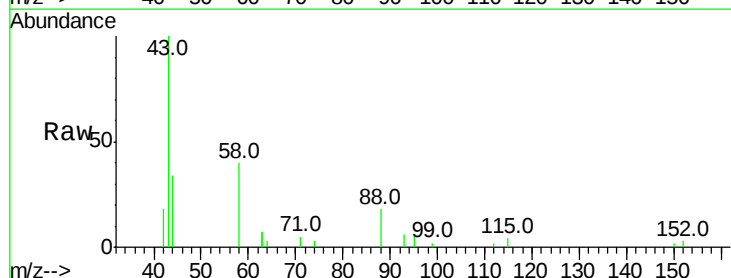
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



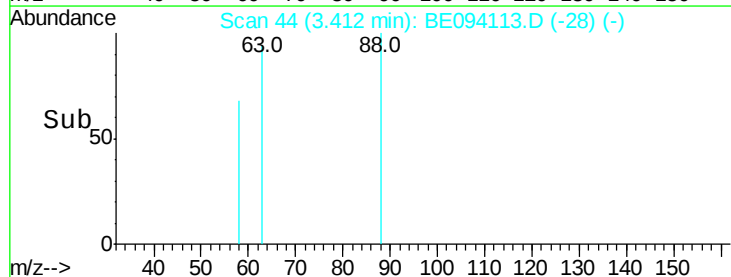
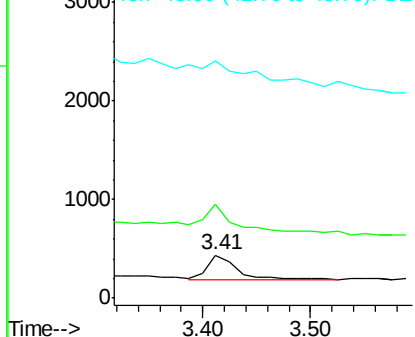
#2

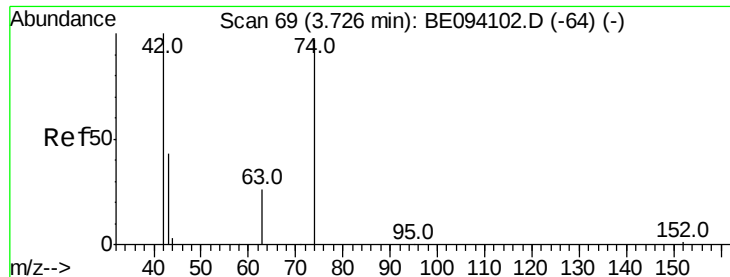
1,4-Dioxane
Concen: 0.163 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094113.D
Acq: 25 Sep 2017 21:47

Tgt Ion: 88 Resp: 462
Ion Ratio Lower Upper
88 100
58 150.6 63.2 94.8#
43 0.0 41.2 61.8#



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



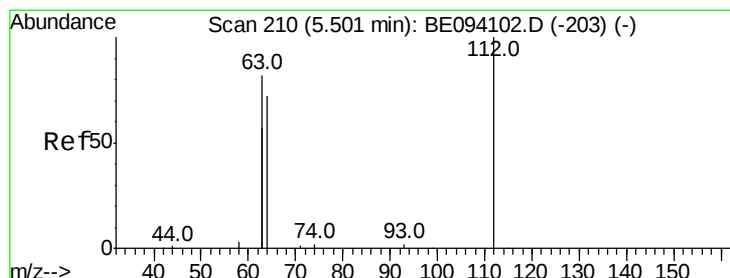
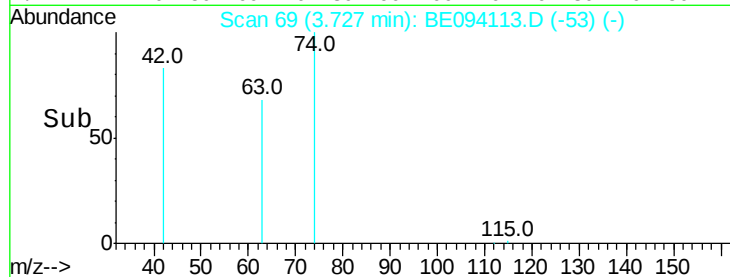
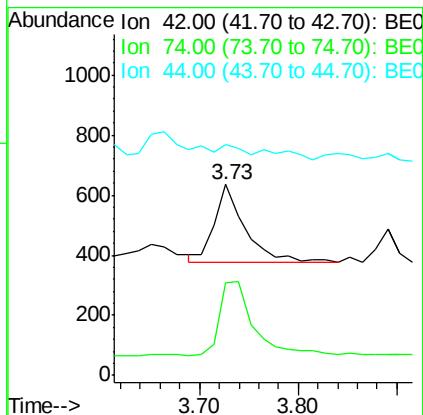
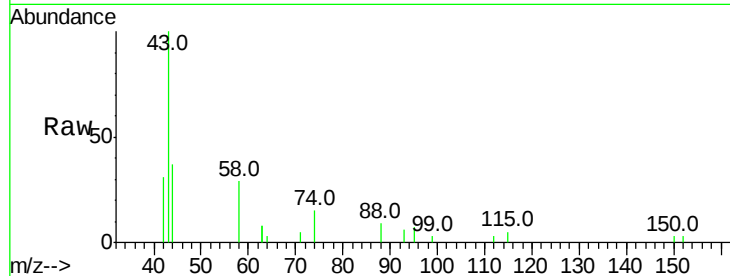


#3

n-Nitrosodimethylamine
 Concen: 0.159 ng
 RT: 3.73 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE094113.D
 Acq: 25 Sep 2017 21:47

Instrument :
 BNA_E
 ClientSampled :

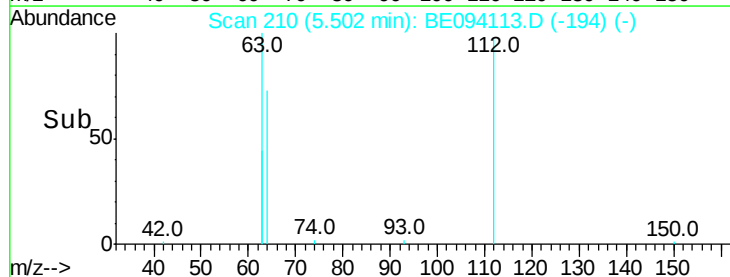
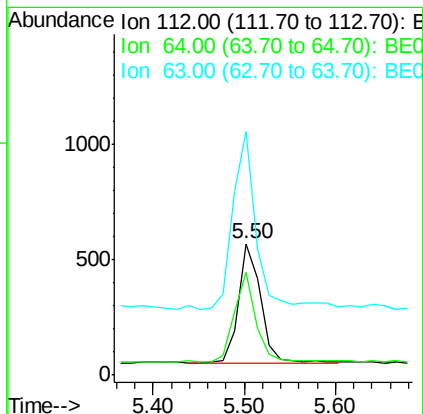
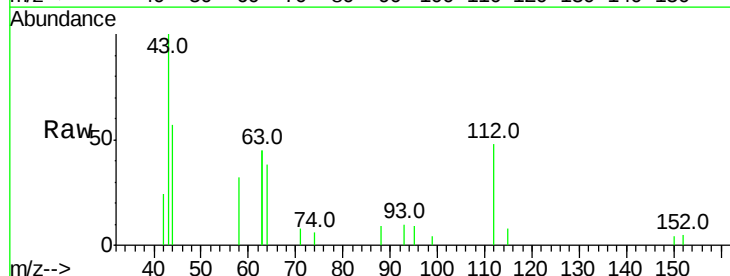
Tot Ion: 42 Resp: 574
 Ion Ratio Lower Upper
 42 100
 74 103.0 100.3 150.5
 44 0.0 17.0 25.4#

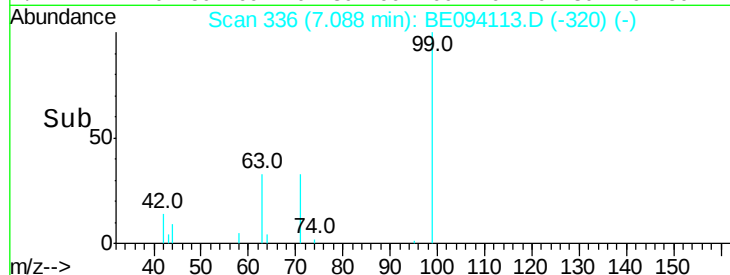
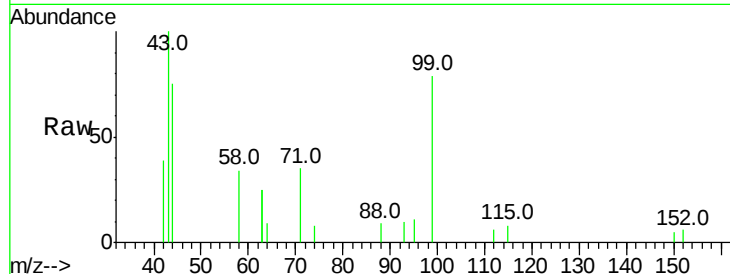
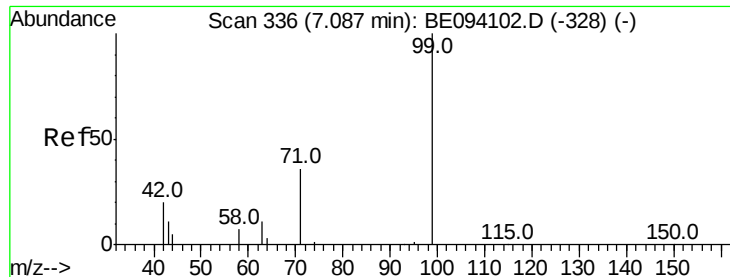


#4

2-Fluorophenol
 Concen: 0.158 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094113.D
 Acq: 25 Sep 2017 21:47

Tgt Ion: 112 Resp: 872
 Ion Ratio Lower Upper
 112 100
 64 72.4 60.1 90.1
 63 158.0 116.8 175.2





#5

Phenol-d6

Concen: 0.167 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampled :

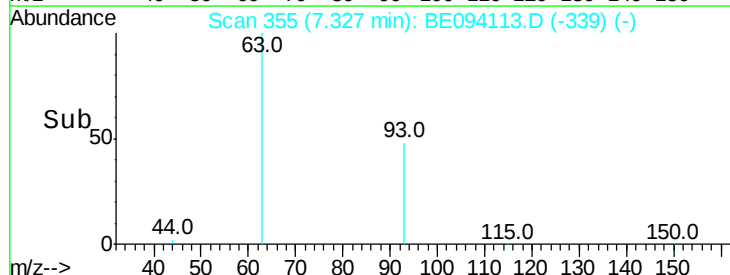
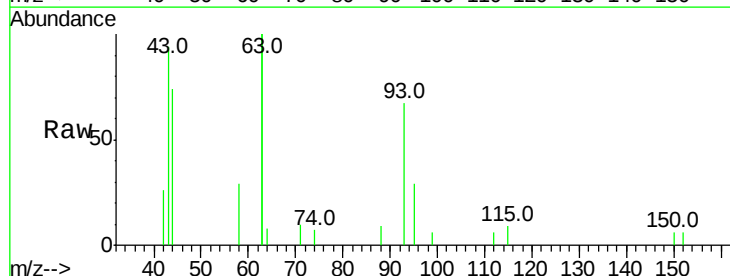
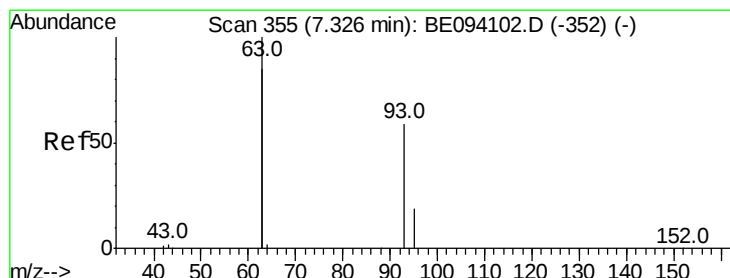
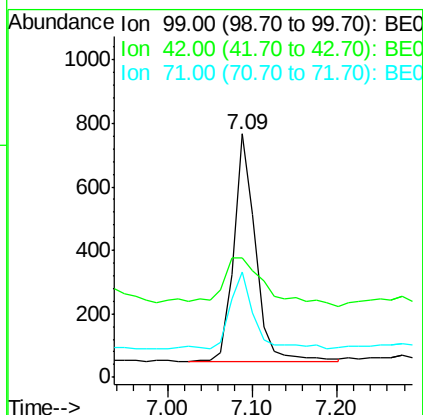
Tot Ion: 99 Resp: 1278

Ion Ratio Lower Upper

99 100

42 42.0 20.2 30.2#

71 37.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.157 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

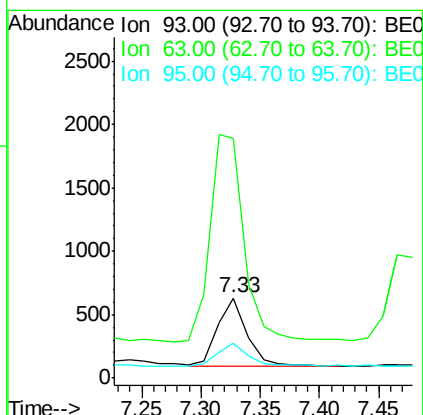
Tgt Ion: 93 Resp: 934

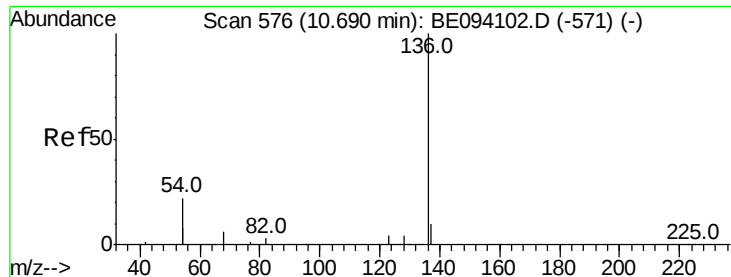
Ion Ratio Lower Upper

93 100

63 348.1 275.3 412.9

95 31.2 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7221

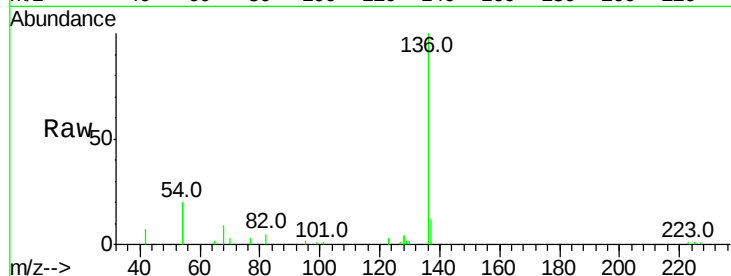
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 40.7 29.1 43.7

68 8.5 6.2 9.2

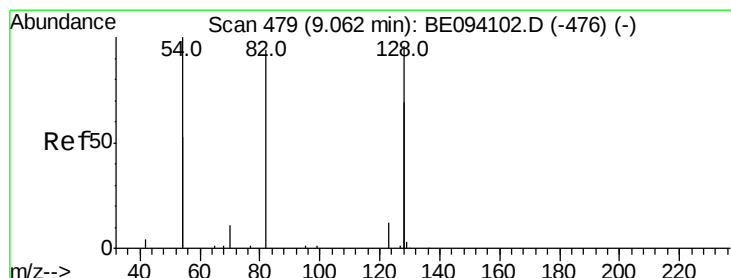
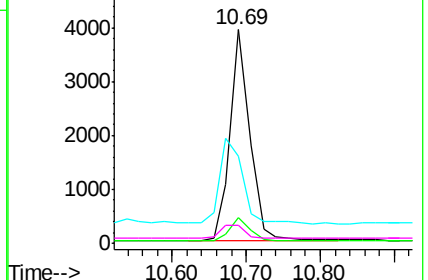
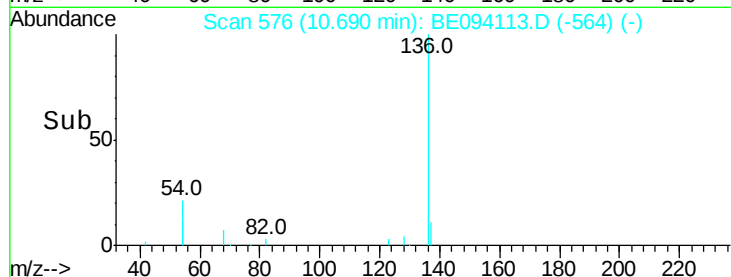


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.148 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

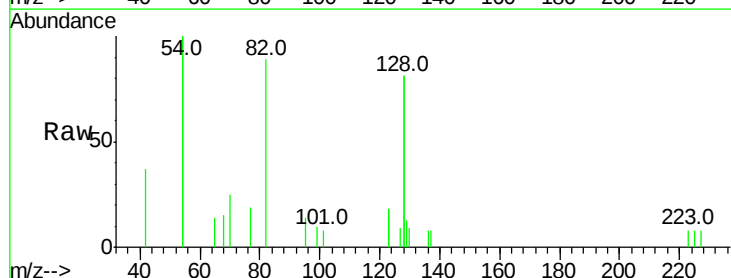
Tgt Ion: 82 Resp: 1034

Ion Ratio Lower Upper

82 100

128 181.3 150.0 225.0

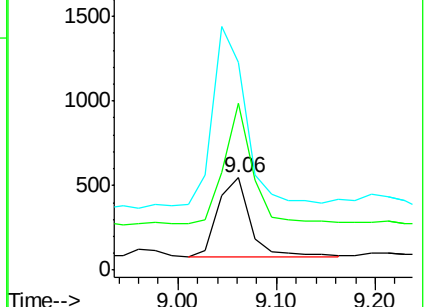
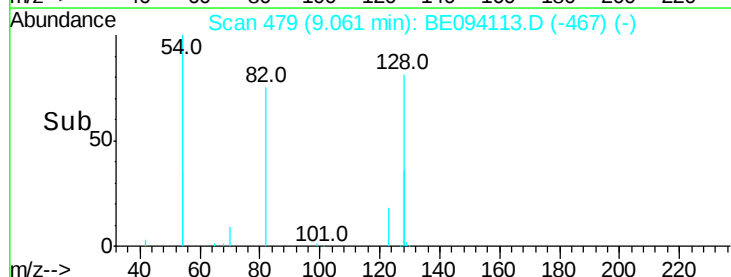
54 225.0 154.2 231.4

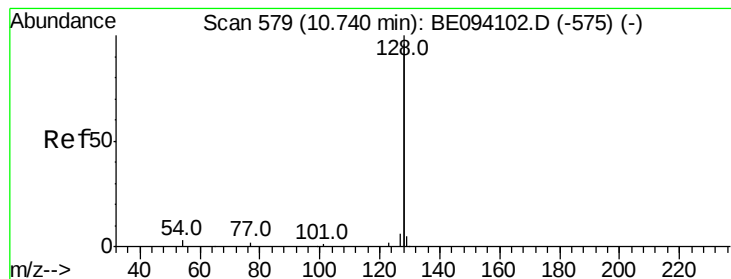


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.158 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

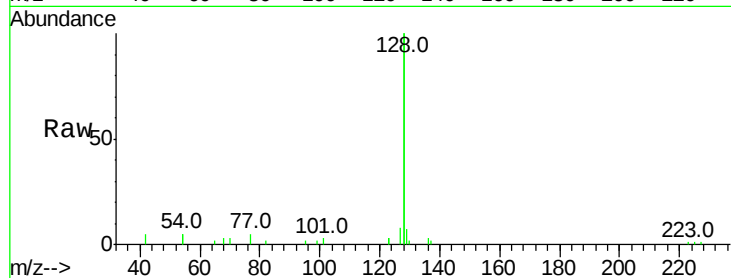
Tot Ion:128 Resp: 12906

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

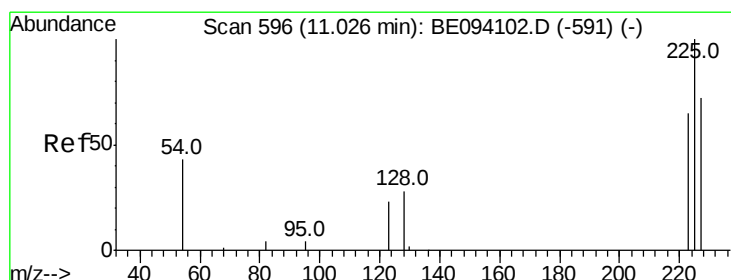
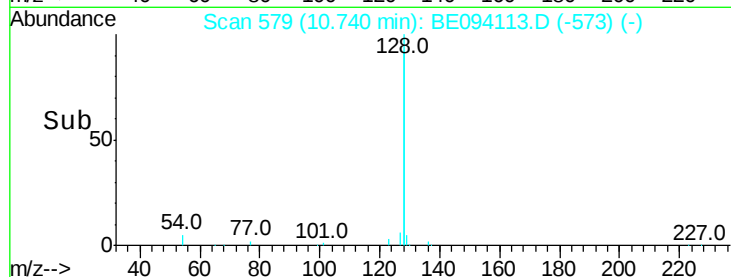
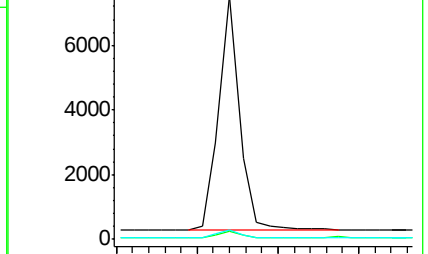
127 3.8 2.8 4.2



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: 0.129 ng

RT: 11.03 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

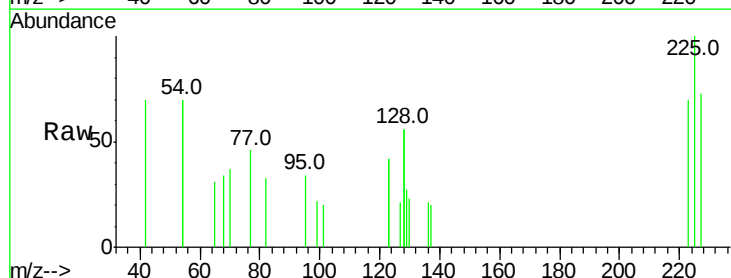
Tgt Ion:225 Resp: 393

Ion Ratio Lower Upper

225 100

223 65.9 53.0 79.6

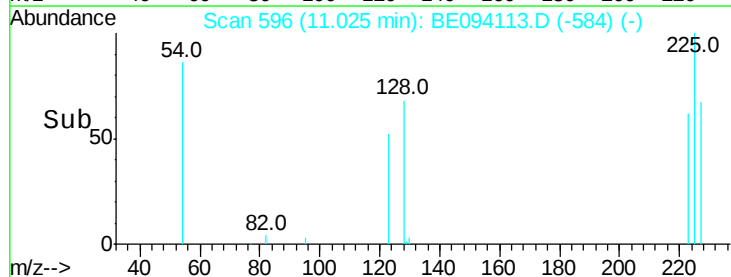
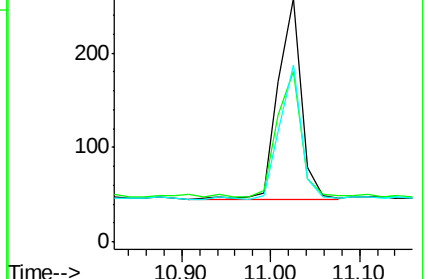
227 63.4 51.4 77.2

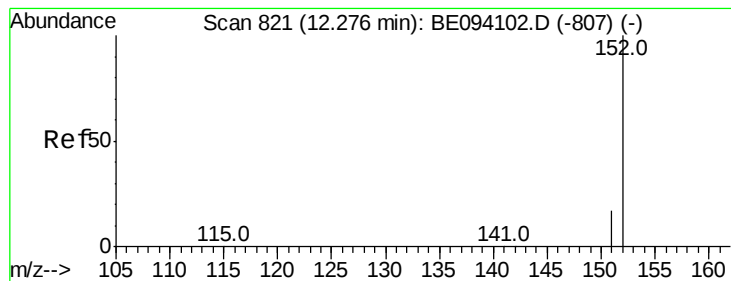


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.143 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

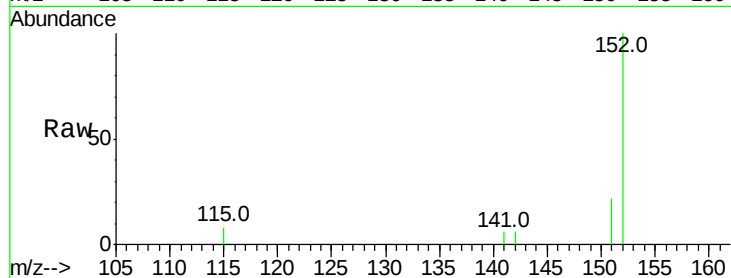
ClientSampled :

Tot Ion:152 Resp: 1596

Ion Ratio Lower Upper

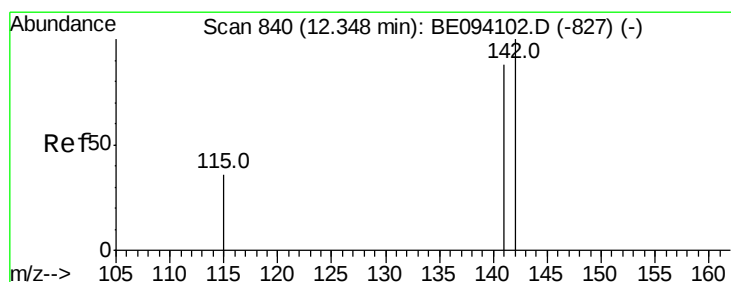
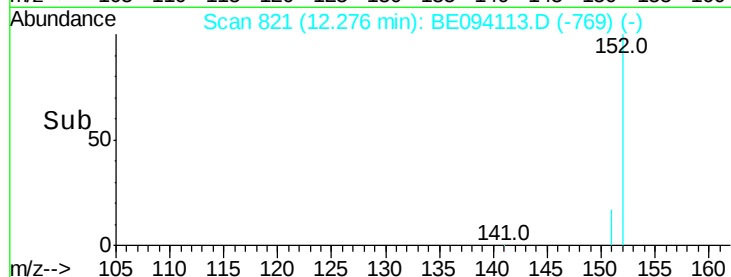
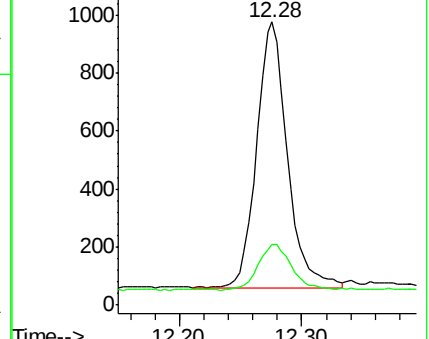
152 100

151 19.3 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: 0.167 ng

RT: 12.35 min Scan# 840

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

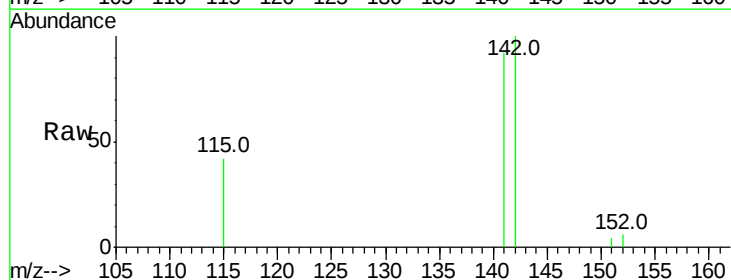
Tgt Ion:142 Resp: 2199

Ion Ratio Lower Upper

142 100

141 92.1 70.4 105.6

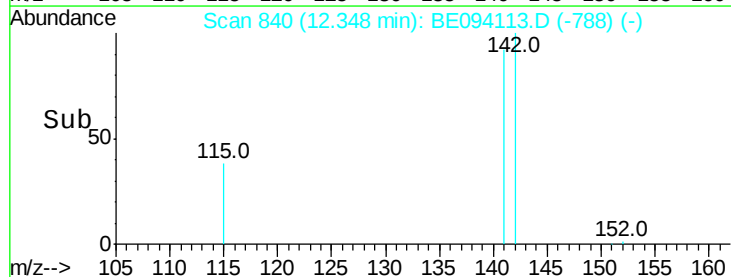
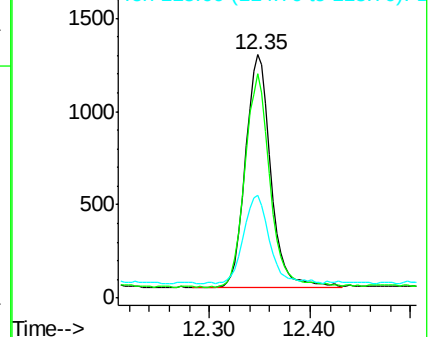
115 42.3 31.7 47.5

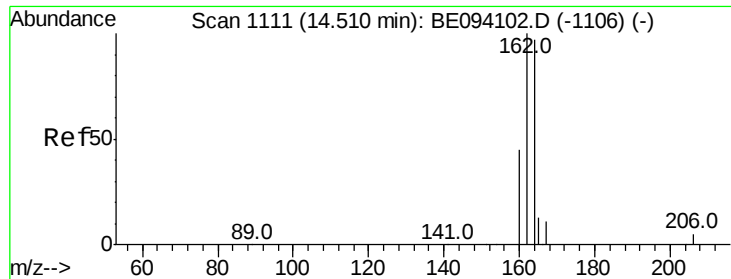


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

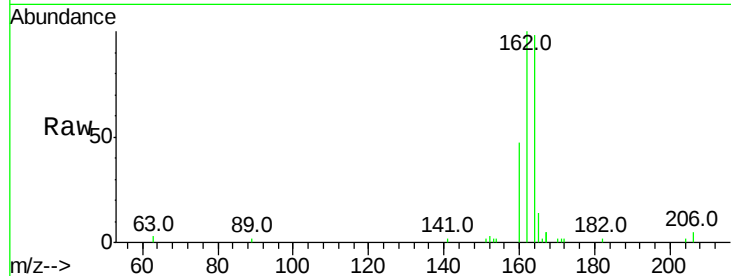
Tot Ion:164 Resp: 4647

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

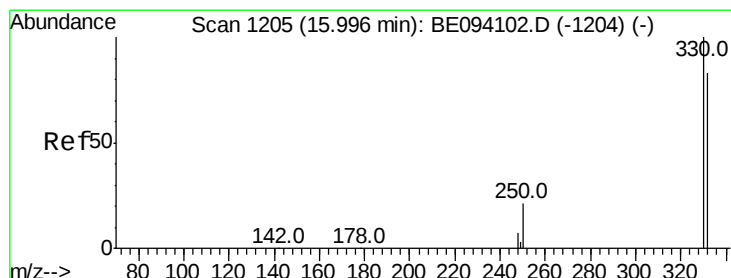
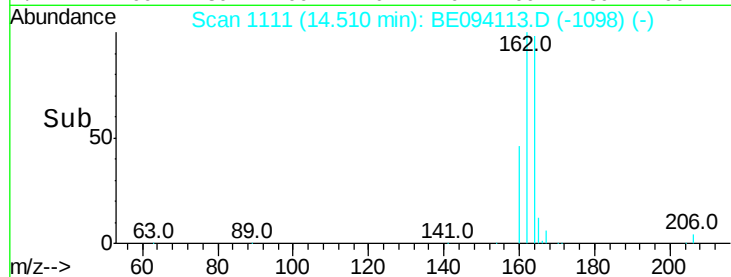
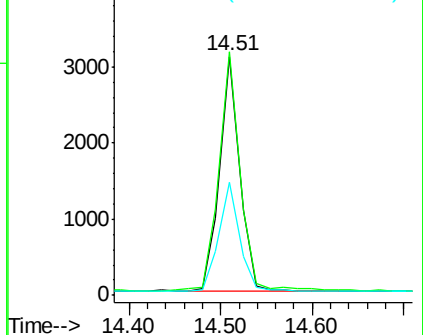
160 47.6 37.1 55.7



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: 0.091 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

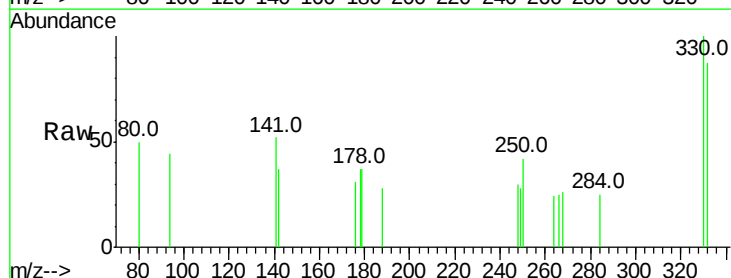
Tgt Ion:330 Resp: 321

Ion Ratio Lower Upper

330 100

332 89.1 152.7 229.1#

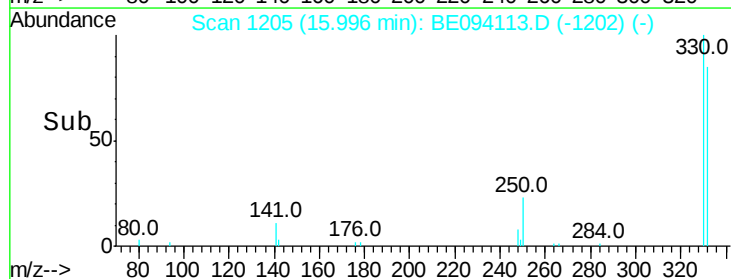
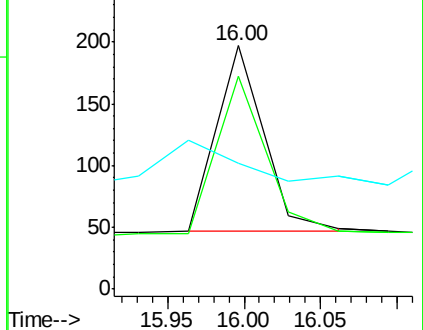
141 0.0 33.7 50.5#

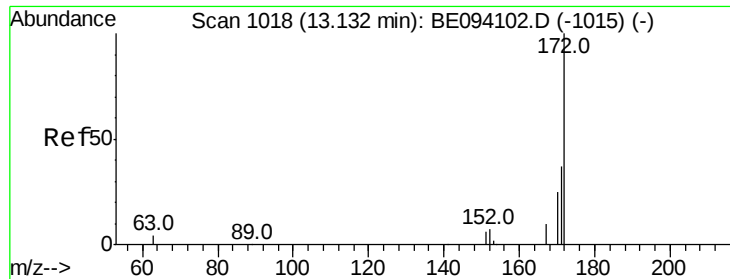


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

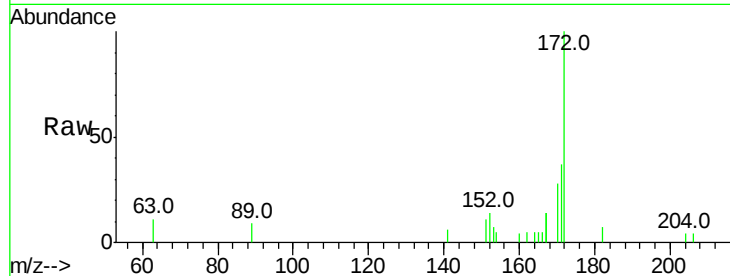




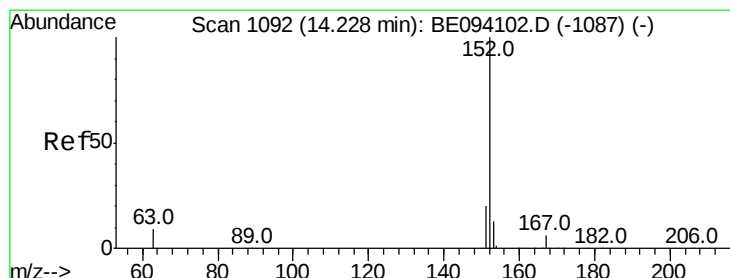
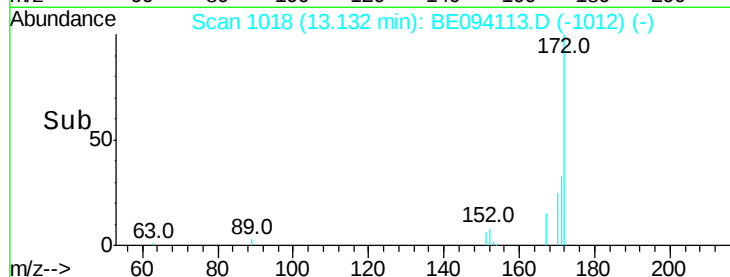
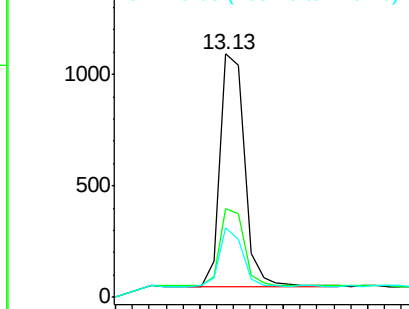
#15
2-Fluorobiphenyl
Concen: 0.139 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094113.D
Acq: 25 Sep 2017 21:47

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 2132
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 28.5 21.8 32.8

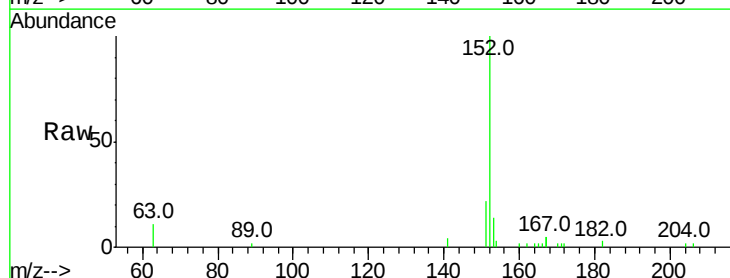


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

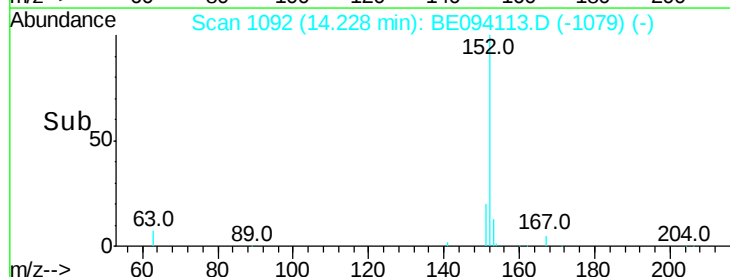
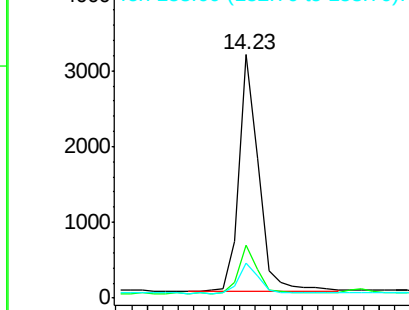


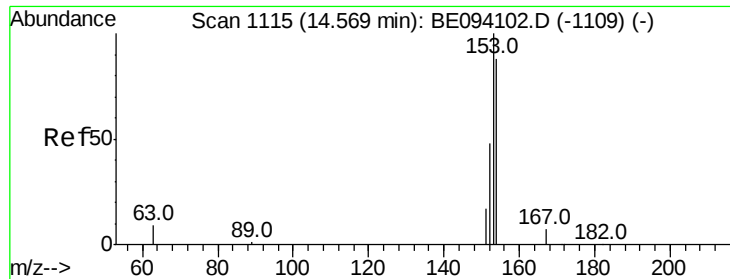
#16
Acenaphthylene
Concen: 0.238 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094113.D
Acq: 25 Sep 2017 21:47

Tgt Ion:152 Resp: 5536
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 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: 0.174 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

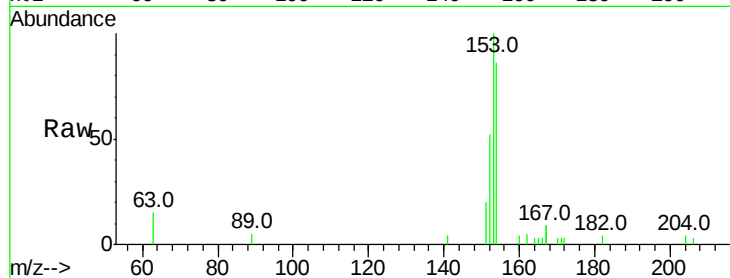
Tot Ion:154 Resp: 2532

Ion Ratio Lower Upper

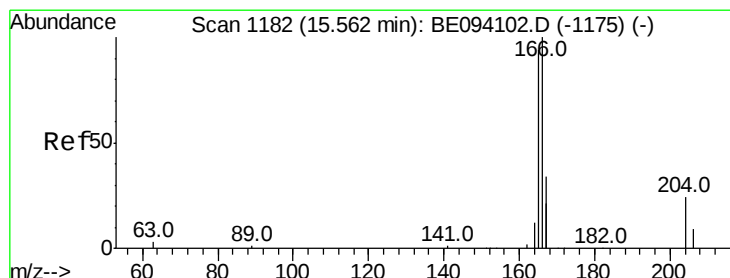
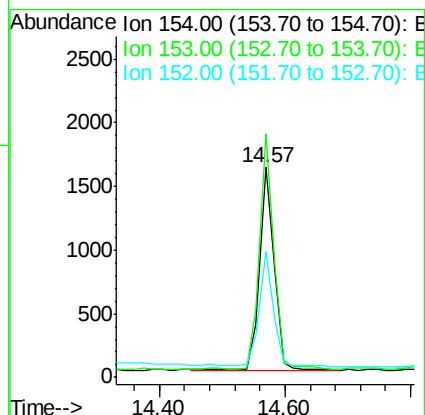
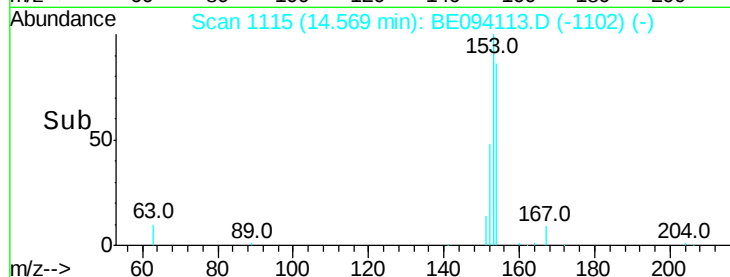
154 100

153 114.8 89.2 133.8

152 55.0 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: 0.186 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

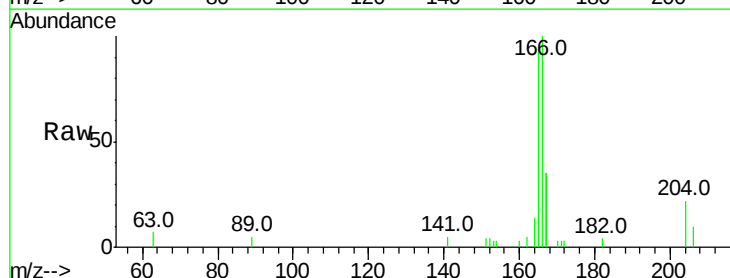
Tgt Ion:166 Resp: 3681

Ion Ratio Lower Upper

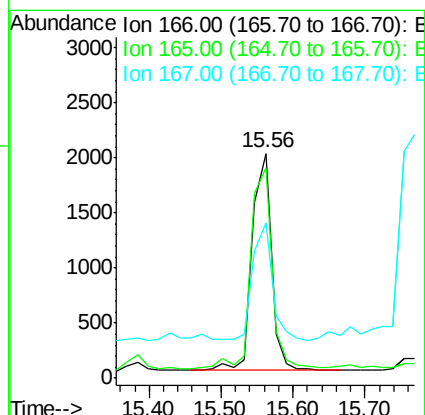
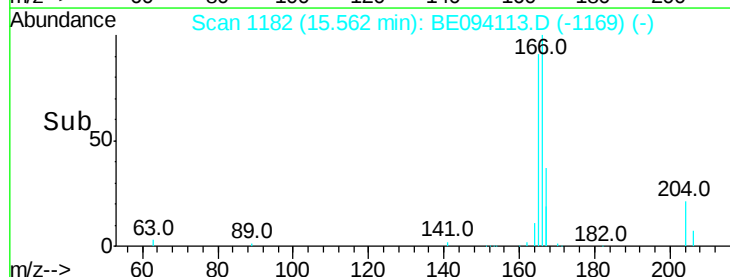
166 100

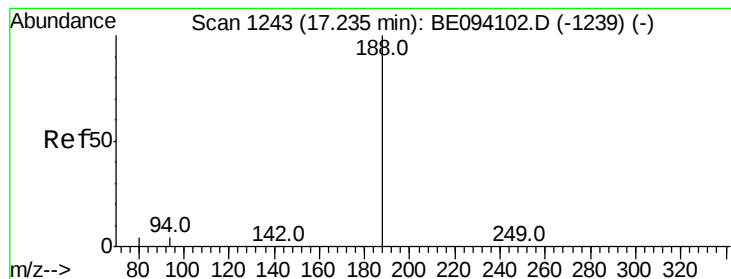
165 100.7 77.8 116.6

167 54.7 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# 1243

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

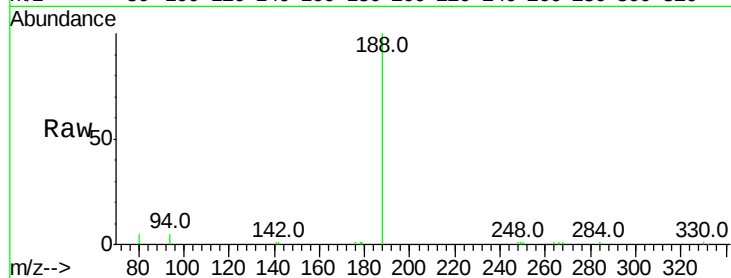
Tot Ion:188 Resp: 18377

Ion Ratio Lower Upper

188 100

94 5.3 3.9 5.9

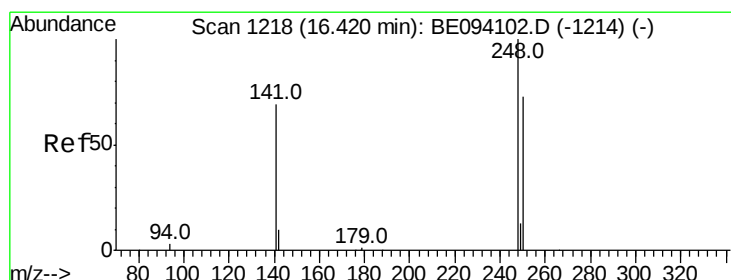
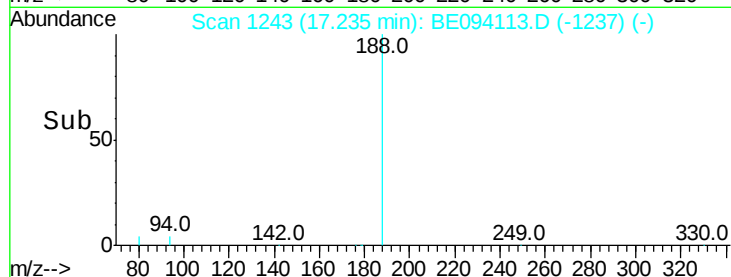
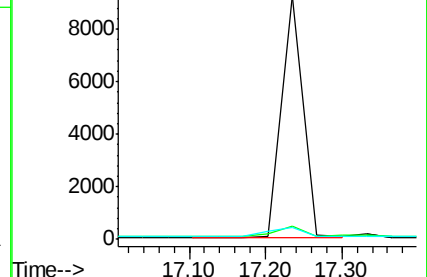
80 4.9 3.6 5.4



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: 0.151 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

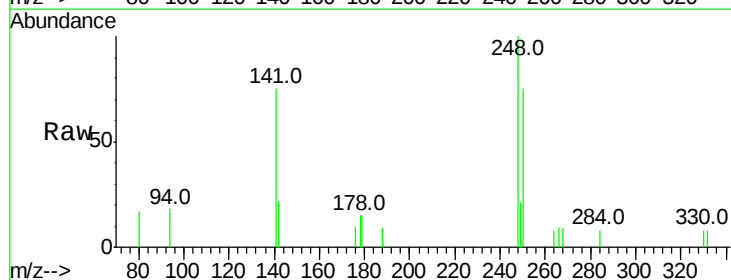
Tgt Ion:248 Resp: 1136

Ion Ratio Lower Upper

248 100

250 74.6 62.7 94.1

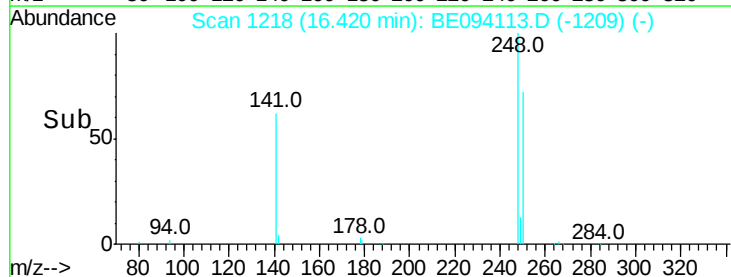
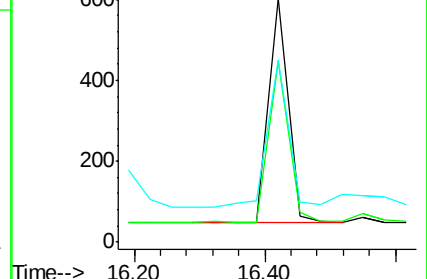
141 74.8 48.2 72.2#

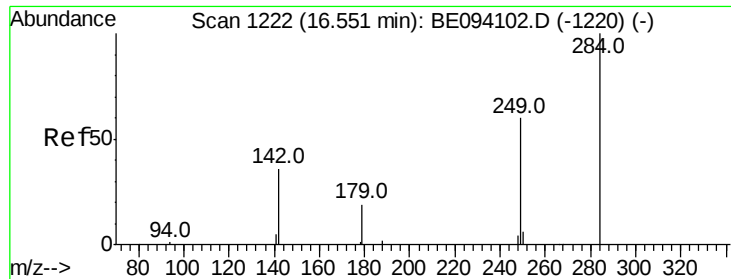


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.149 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampled :

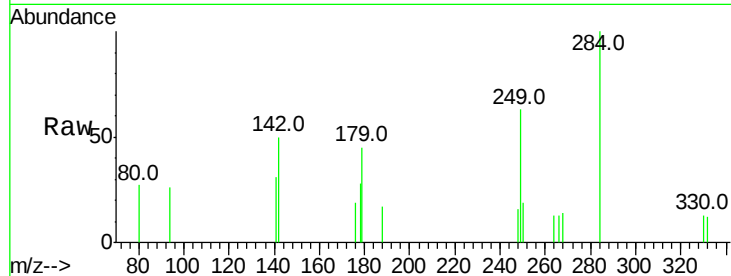
Tot Ion:284 Resp: 710

Ion Ratio Lower Upper

284 100

142 39.7 22.1 33.1#

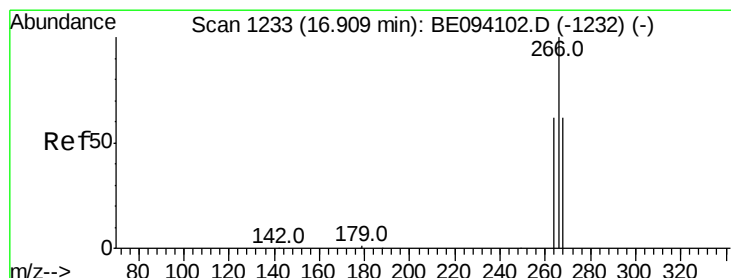
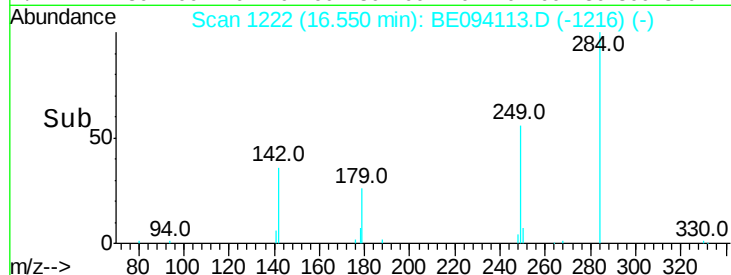
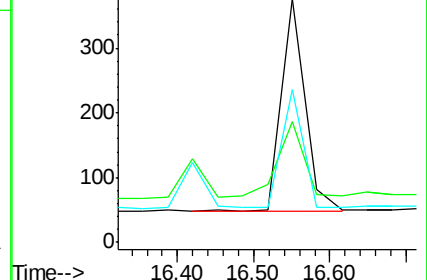
249 49.3 34.8 52.2



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: 0.197 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

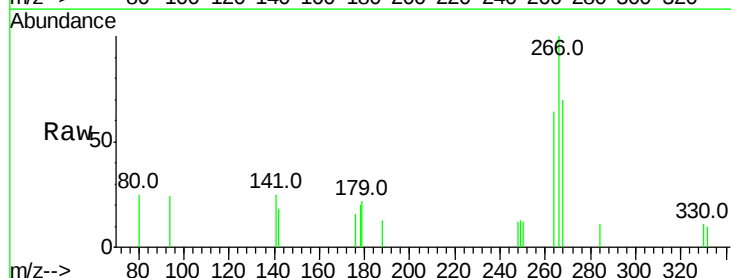
Tgt Ion:266 Resp: 857

Ion Ratio Lower Upper

266 100

264 63.9 72.5 108.7#

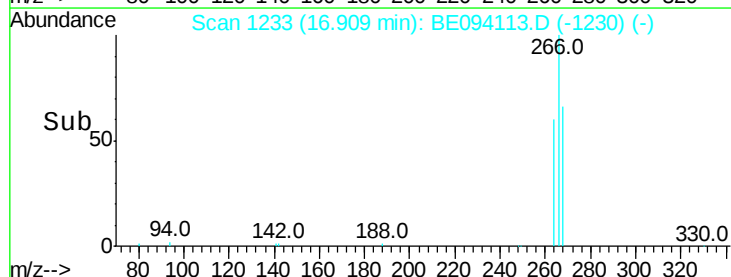
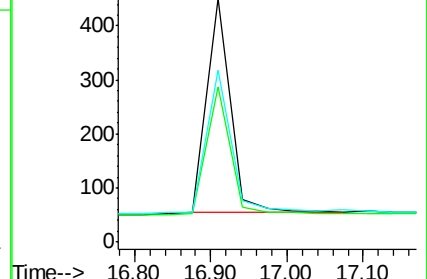
268 70.3 73.8 110.6#

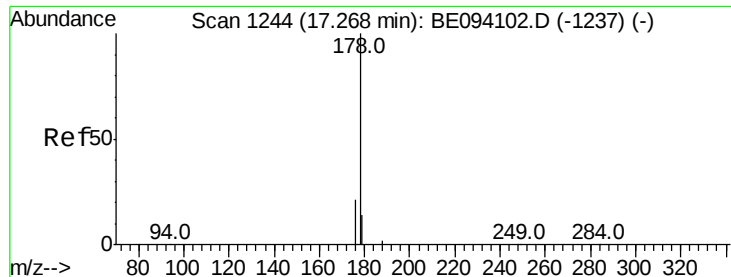


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.609 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

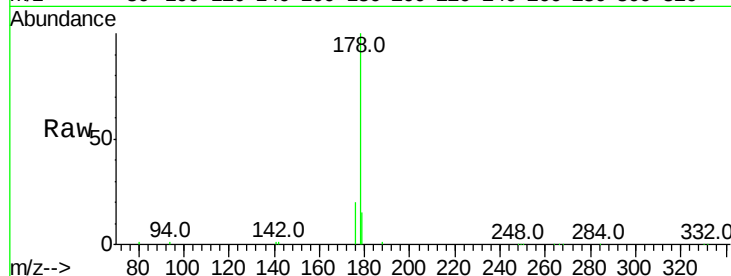
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 28626

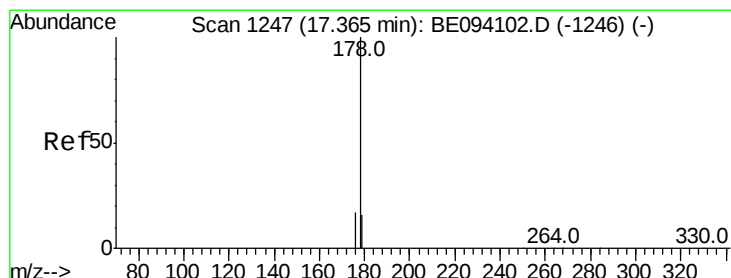
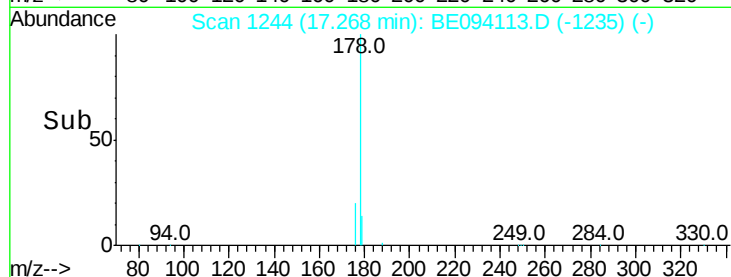
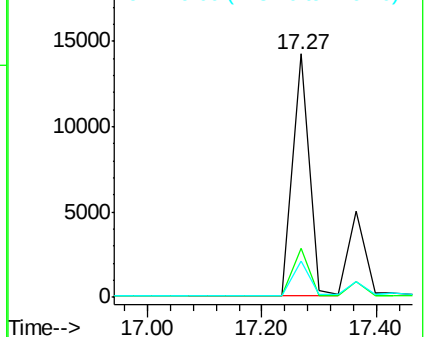
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.2	11.8	17.6



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: 0.208 ng

RT: 17.37 min Scan# 1247

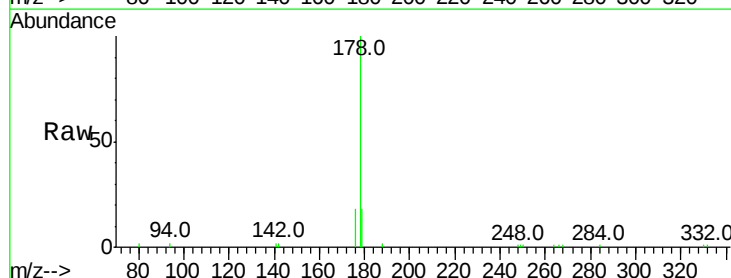
Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Tgt Ion:178 Resp: 10261

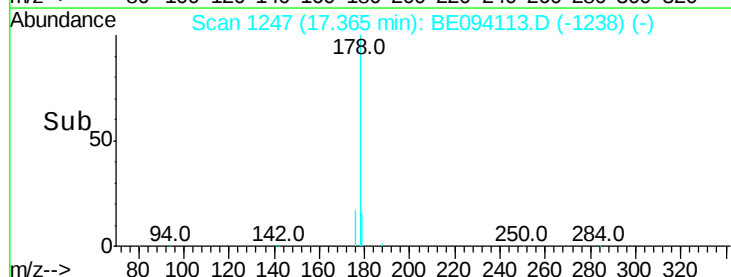
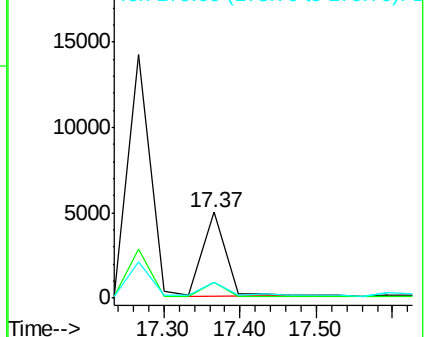
Ion	Ratio	Lower	Upper
178	100		
176	16.9	12.8	19.2
179	18.4	13.0	19.6

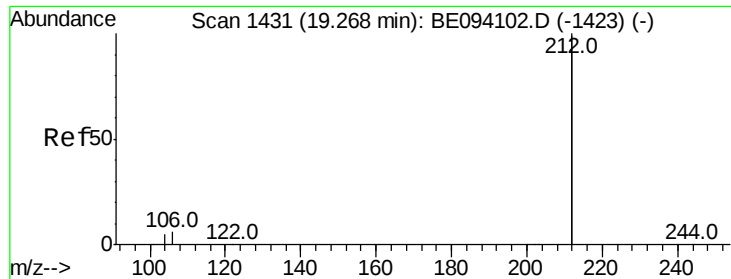


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.123 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

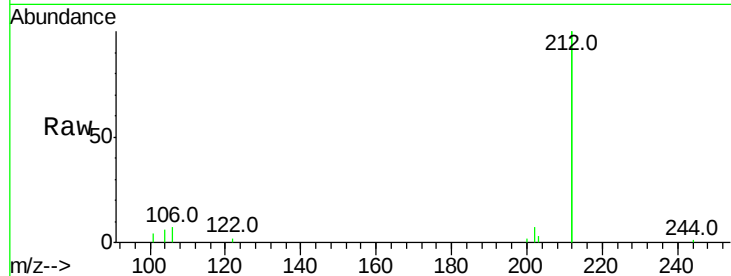
Tot Ion:212 Resp: 21944

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

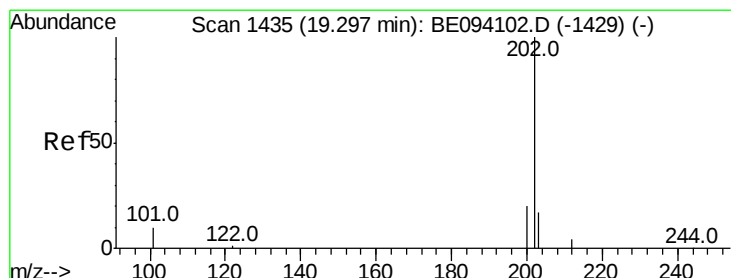
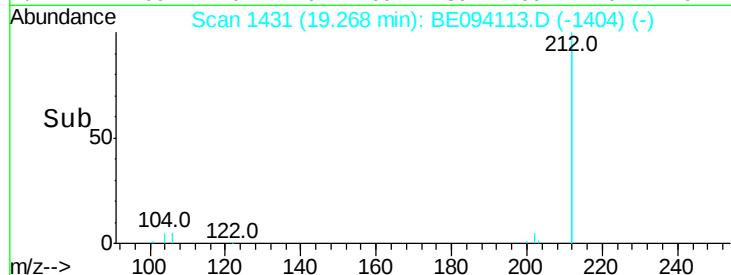
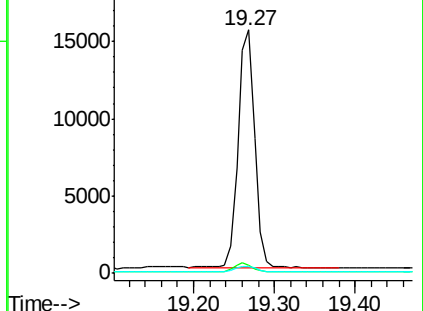
104 2.9 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.954 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

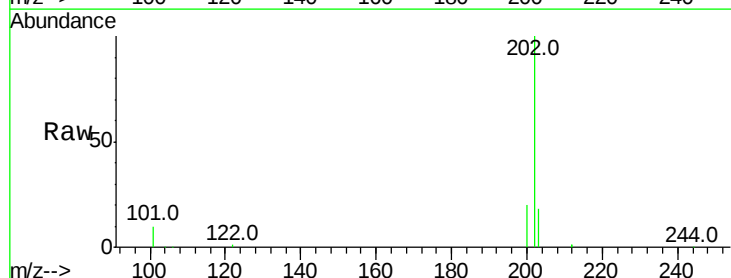
Tgt Ion:202 Resp: 50251

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.8

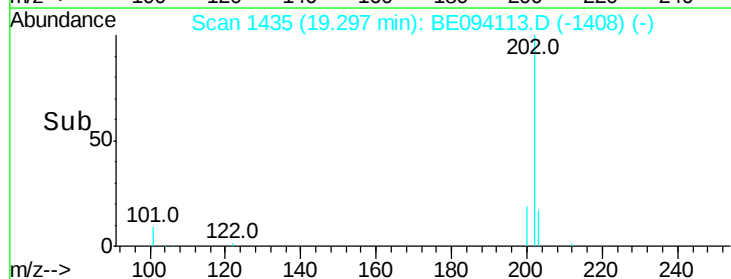
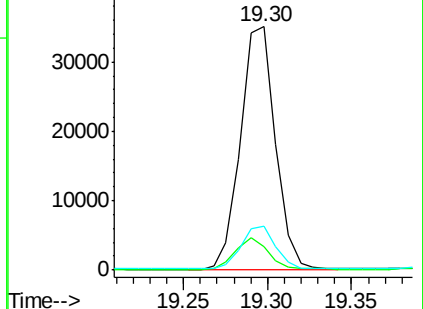
203 17.2 13.7 20.5

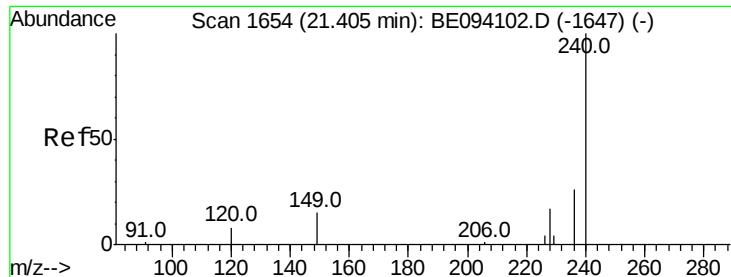


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

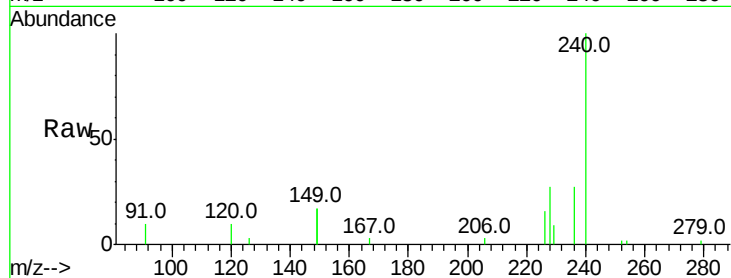
Tot Ion:240 Resp: 15288

Ion Ratio Lower Upper

240 100

120 10.0 5.5 8.3#

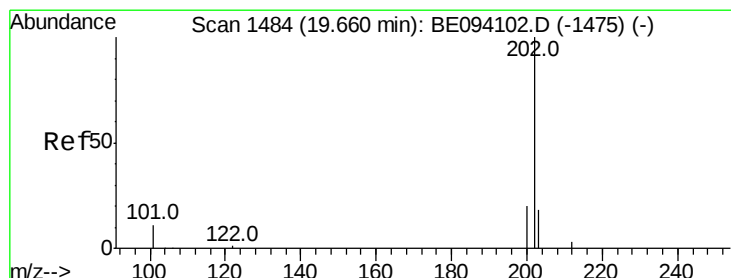
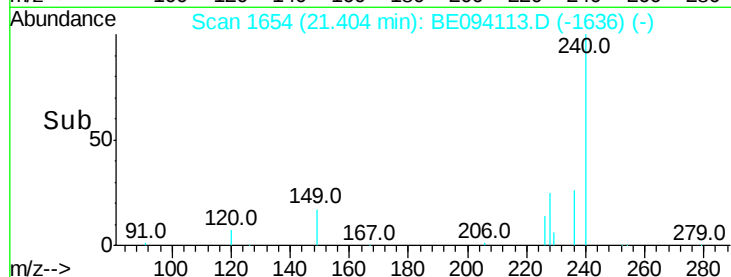
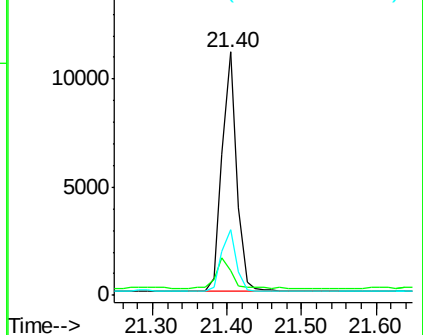
236 27.2 20.7 31.1



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: 1.063 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

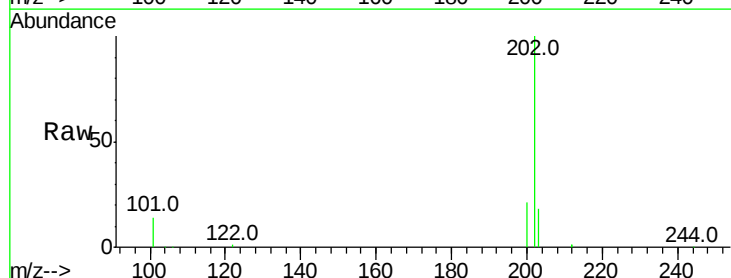
Tgt Ion:202 Resp: 51509

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

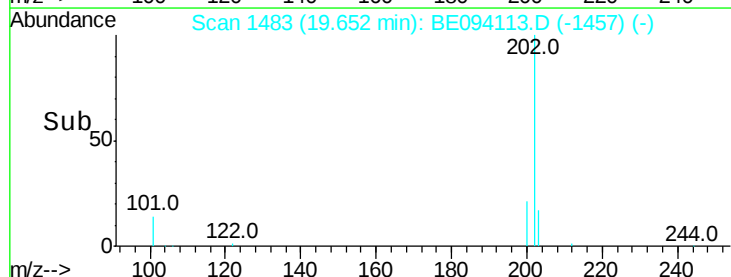
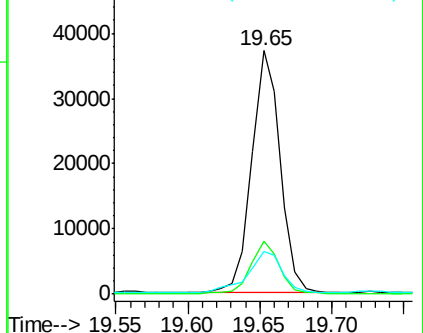
203 20.7 13.8 20.8

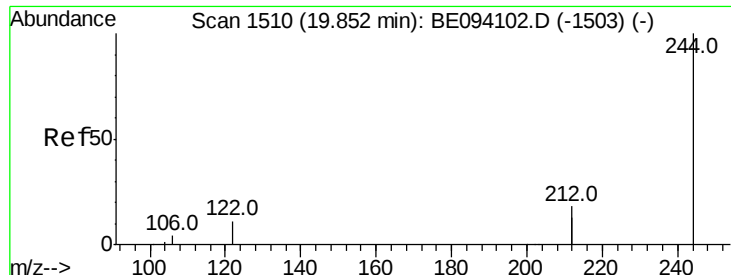


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.124 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

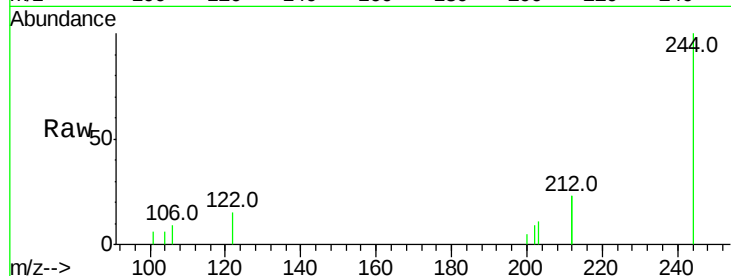
Tot Ion:244 Resp: 3445

Ion Ratio Lower Upper

244 100

212 45.2 25.4 38.0#

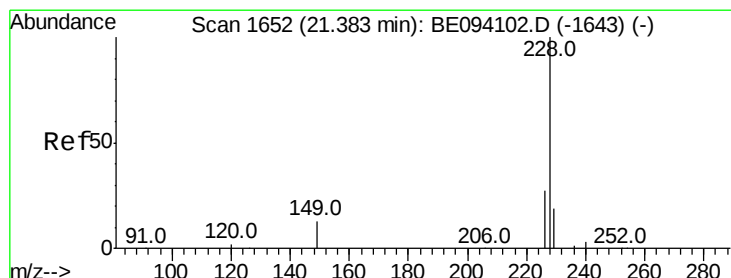
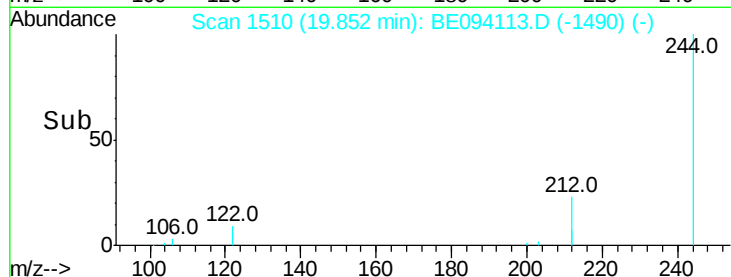
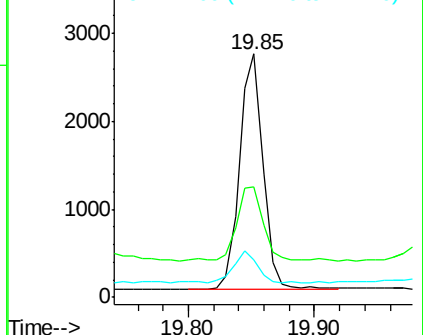
122 15.3 8.1 12.1#



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: 0.532 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

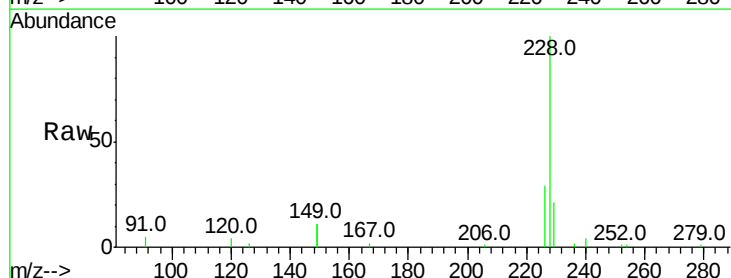
Tgt Ion:228 Resp: 27370

Ion Ratio Lower Upper

228 100

226 28.5 21.4 32.0

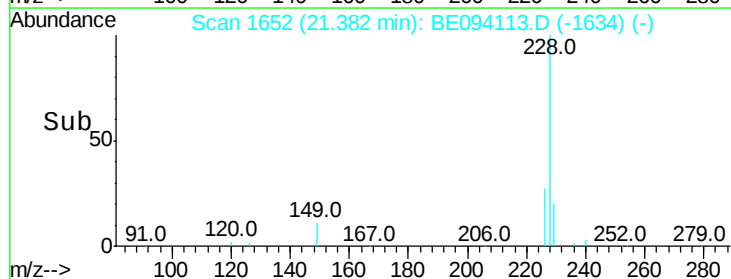
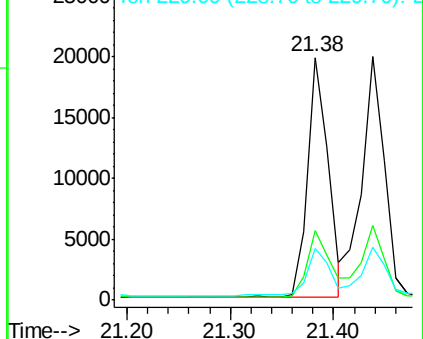
229 21.4 16.4 24.6

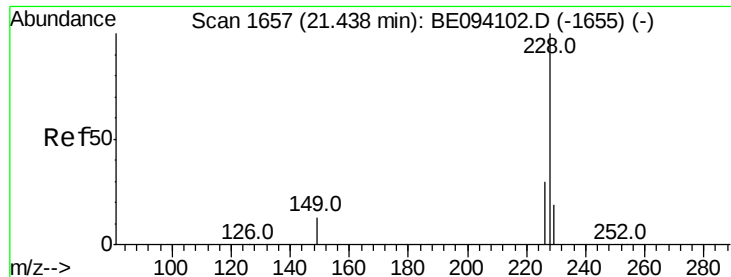


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.610 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

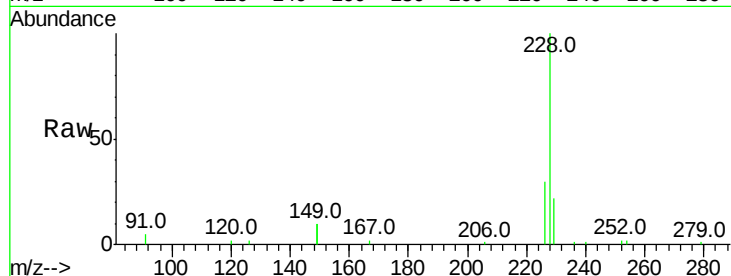
Tot Ion:228 Resp: 30293

Ion Ratio Lower Upper

228 100

226 30.4 23.6 35.4

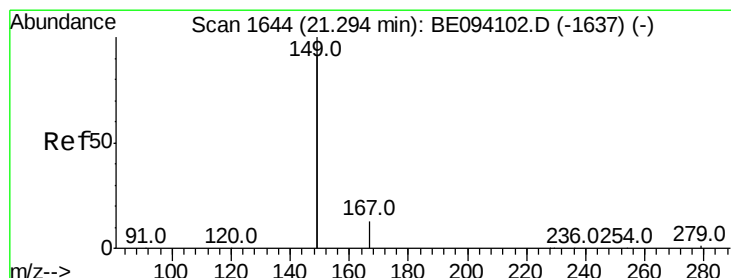
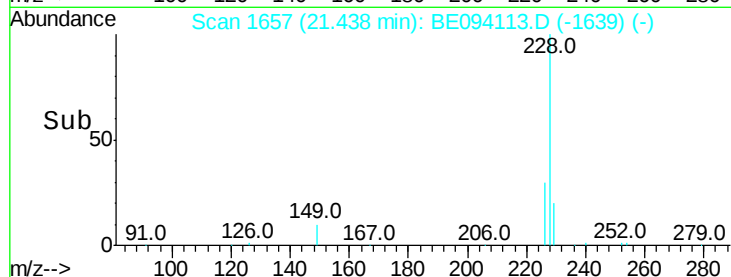
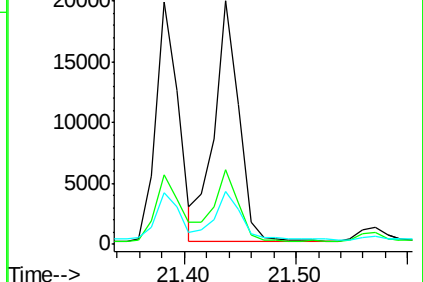
229 21.7 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.021 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

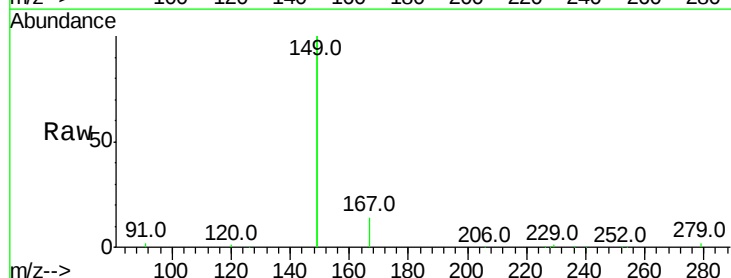
Tgt Ion:149 Resp: 152895

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

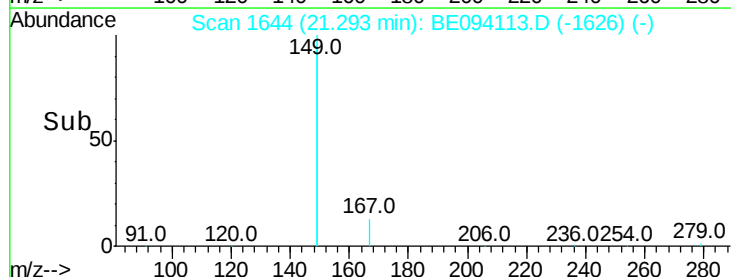
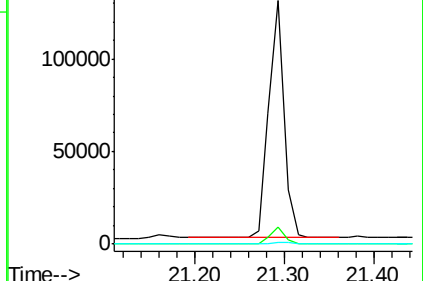
279 1.0 0.7 1.1

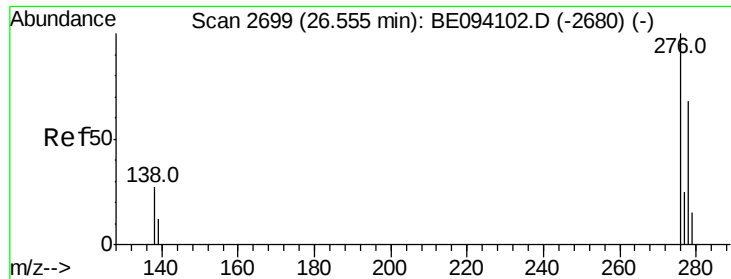


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.01 min

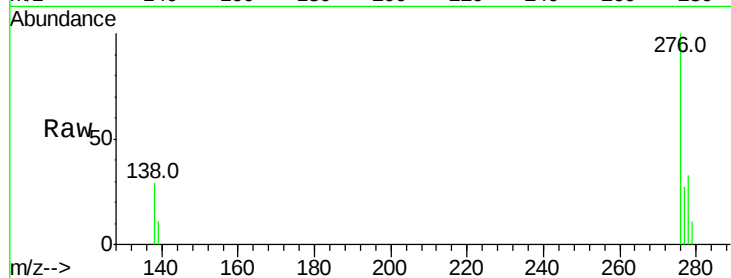
Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :



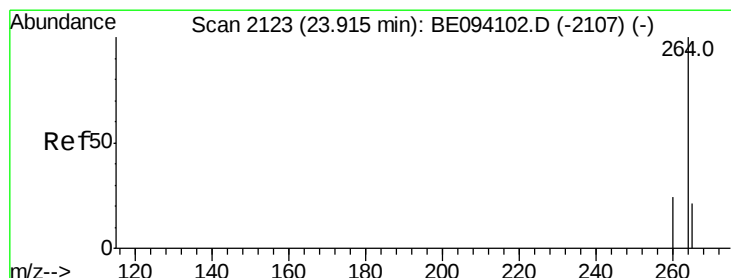
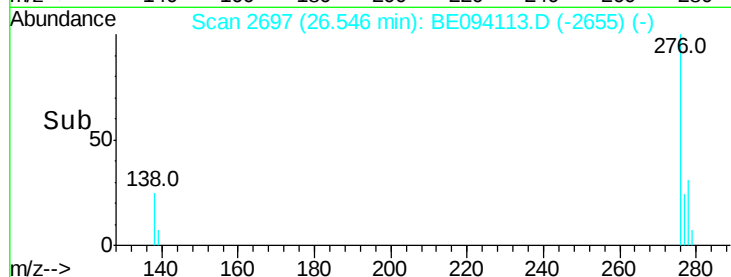
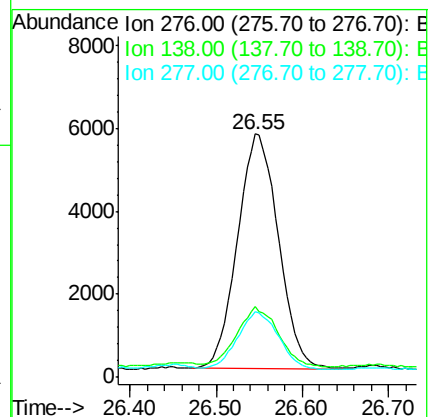
Tot Ion:276 Resp: 18617

Ion Ratio Lower Upper

276 100

138 25.6 22.5 33.7

277 24.6 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

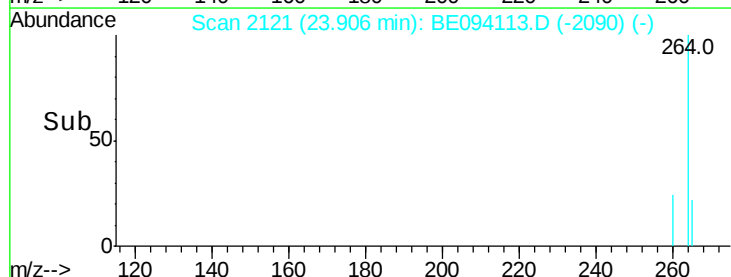
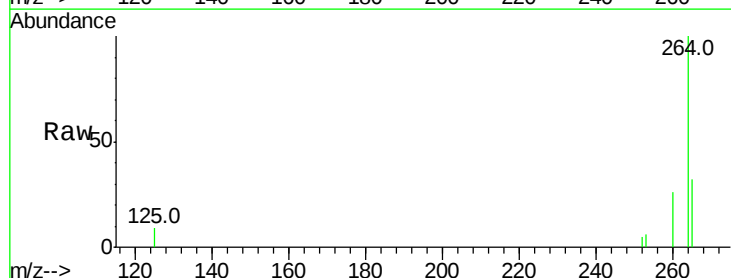
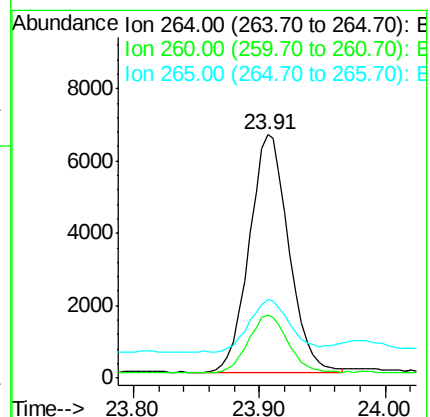
Tgt Ion:264 Resp: 14388

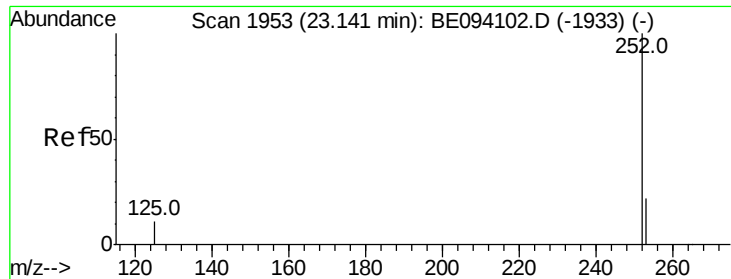
Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 32.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.637 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

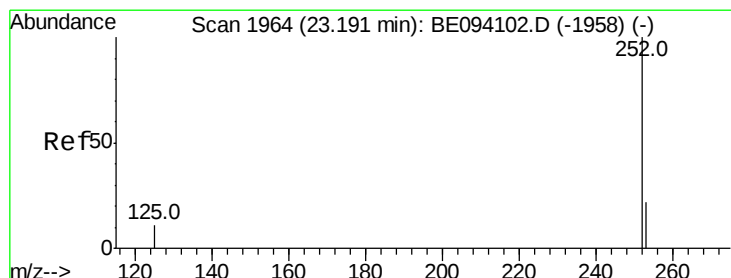
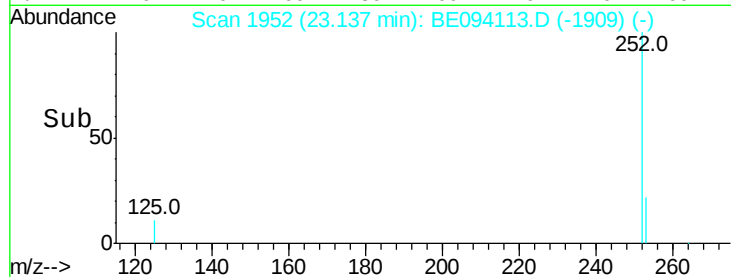
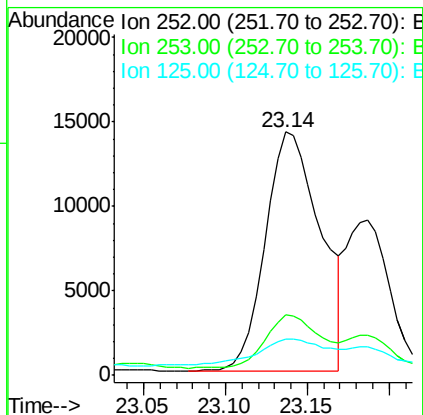
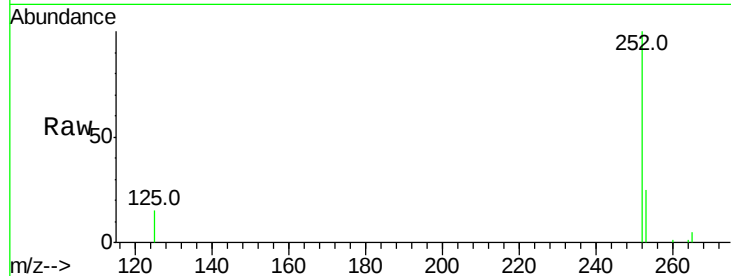
Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 33059

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	15.2	10.1	15.1#



#36

Benzo(k)fluoranthene

Concen: 0.665 ng

RT: 23.14 min Scan# 1952

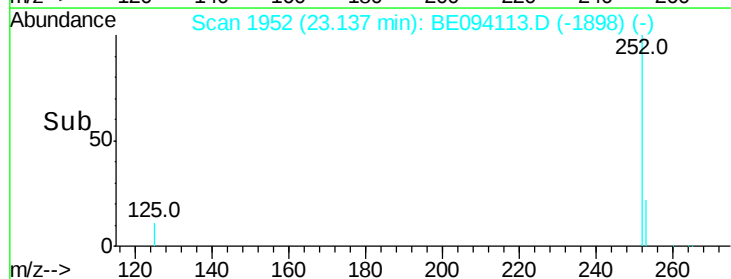
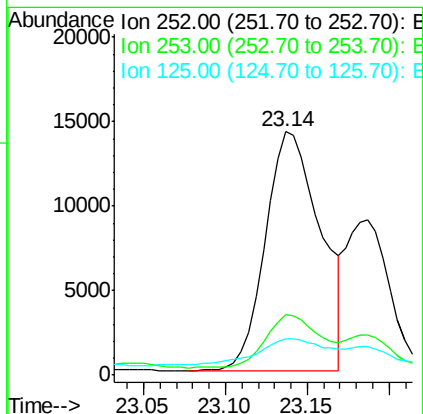
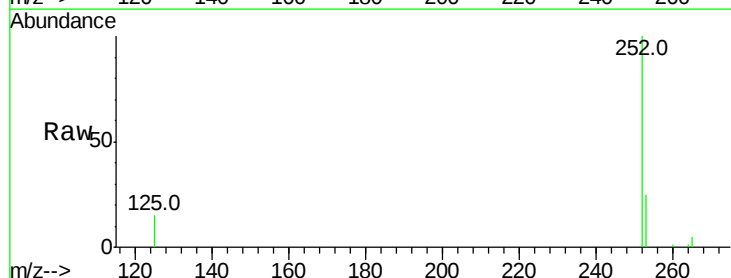
Delta R.T. -0.05 min

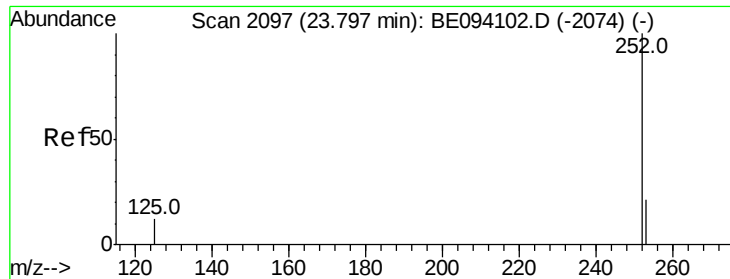
Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Tgt Ion:252 Resp: 33059

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.6	27.8
125	15.2	10.7	16.1





#37

Benzo(a)pyrene

Concen: 0.534 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :

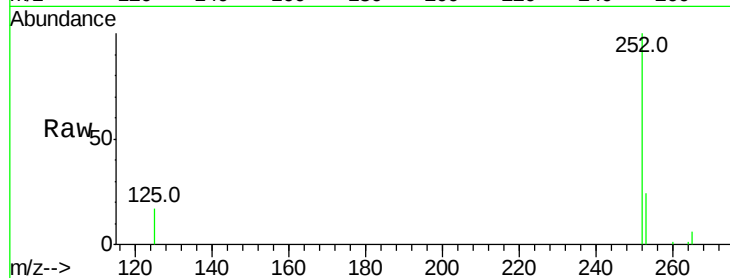
Tot Ion:252 Resp: 25034

Ion Ratio Lower Upper

252 100

253 24.3 19.0 28.6

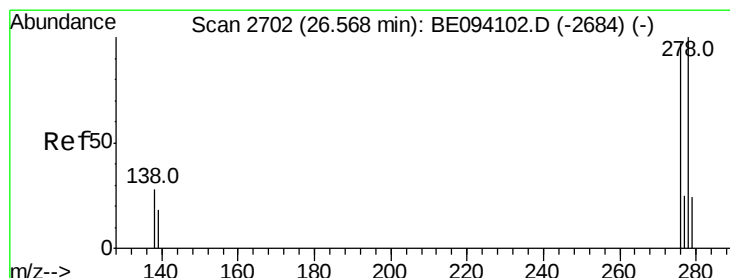
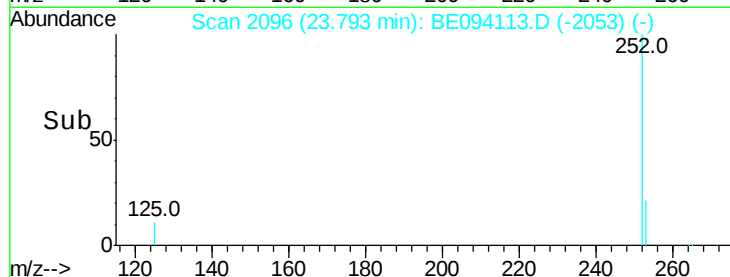
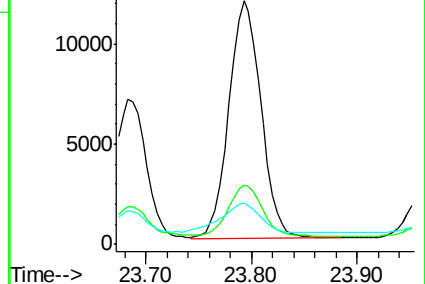
125 16.9 11.8 17.8



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: 0.177 ng

RT: 26.56 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

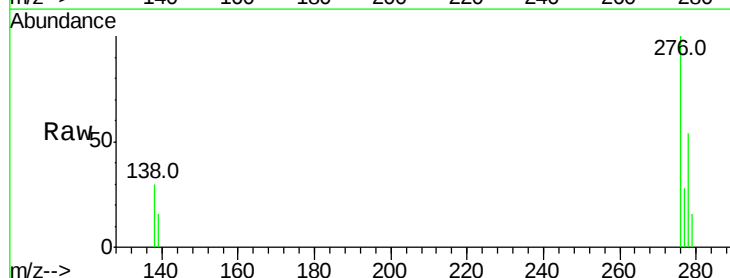
Tgt Ion:278 Resp: 7874

Ion Ratio Lower Upper

278 100

139 29.9 16.3 24.5#

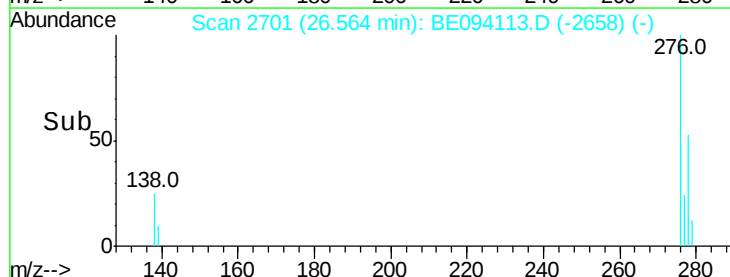
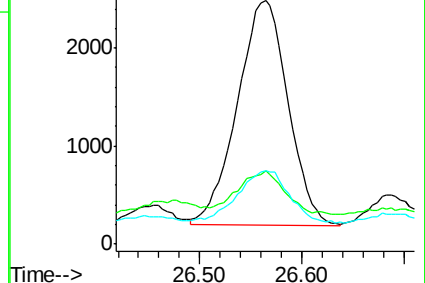
279 30.4 19.9 29.9#

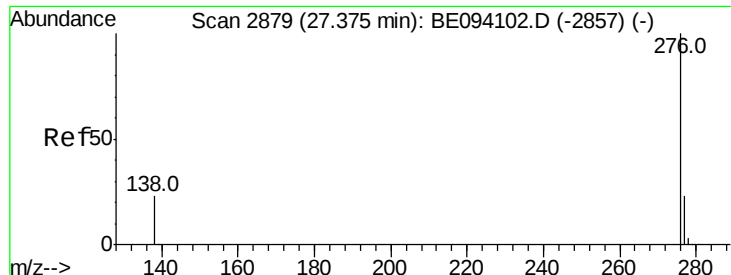


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.408 ng

RT: 27.37 min Scan# 2877

Delta R.T. -0.01 min

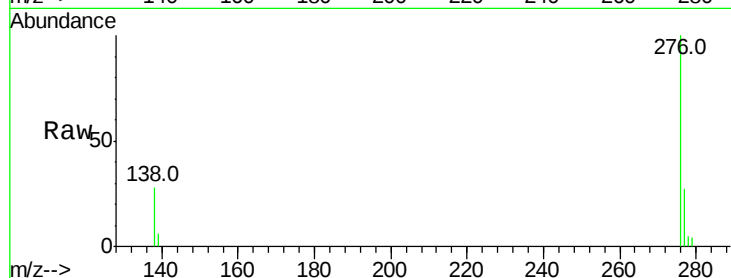
Lab File: BE094113.D

Acq: 25 Sep 2017 21:47

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 17960

Ion Ratio Lower Upper

276 100

277 26.8 20.8 31.2

138 27.7 21.5 32.3

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

