

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
 Data File : BE094127.D
 Acq On : 26 Sep 2017 11:36
 Operator : SJ/JU
 Sample : I5340-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 15:50:12 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	7.90	152	465	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	2359	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	1524	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	5930	0.40	ng	0.00
27) Chrysene-d12	21.40	240	4456	0.40	ng	0.00
34) Perylene-d12	23.91	264	4127	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	622	0.35	ng	0.00
5) Phenol-d6	7.10	99	745	0.30	ng	0.01
8) Nitrobenzene-d5	9.06	82	729	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	867	0.24	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	147	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1226	0.24	ng	0.01
25) Fluoranthene-d10	19.27	212	10517	0.18	ng	0.00
29) Terphenyl-d14	19.85	244	1663	0.20	ng	0.00

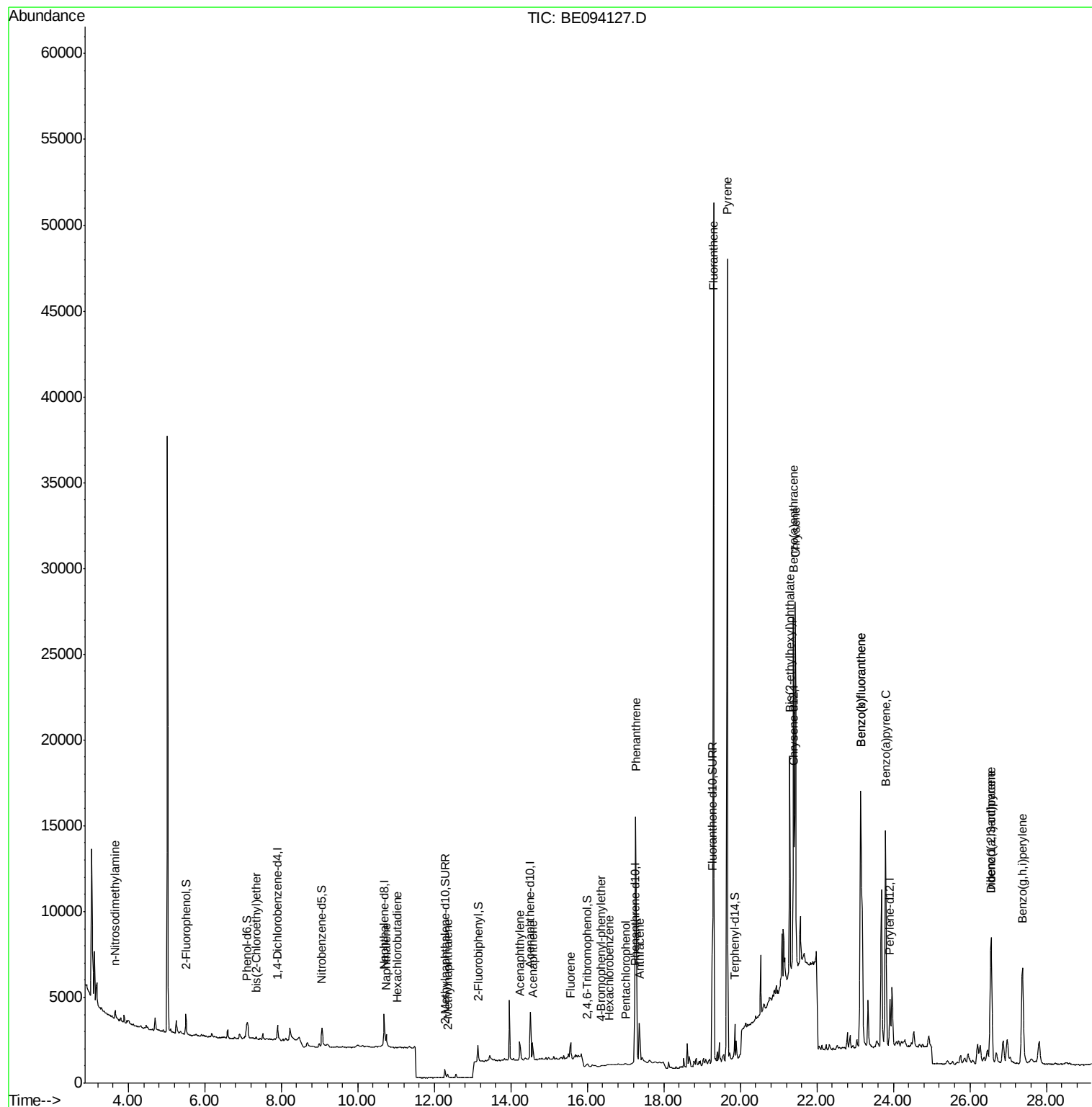
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.66	42	205	0.177	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	166	0.087	ng	# 1
9) Naphthalene	10.74	128	1237	0.046	ng	# 83
10) Hexachlorobutadiene	11.03	225	12	0.012	ng	# 33
12) 2-Methylnaphthalene	12.35	142	167	0.039	ng	# 79
16) Acenaphthylene	14.23	152	1643	0.215	ng	97
17) Acenaphthene	14.57	154	561	0.118	ng	93
18) Fluorene	15.56	166	750	0.116	ng	# 85
20) 4-Bromophenyl-phenylether	16.36	248	8	0.003	ng	# 18
21) Hexachlorobenzene	16.58	284	14	0.009	ng	# 38
22) Pentachlorophenol	17.01	266	4	0.003	ng	91
23) Phenanthrene	17.27	178	21816	1.438	ng	98
24) Anthracene	17.37	178	3925	0.247	ng	# 89
26) Fluoranthene	19.30	202	46835	2.755	ng	100
28) Pyrene	19.66	202	44259	3.135	ng	# 95
30) Benzo(a)anthracene	21.38	228	21172	1.411	ng	96
31) Chrysene	21.44	228	21150	1.461	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	15369	0.161	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	13292	0.858	ng	96
35) Benzo(b)fluoranthene	23.14	252	29672	1.993	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	29672	2.081	ng	96
37) Benzo(a)pyrene	23.80	252	19930	1.481	ng	95
38) Dibenzo(a,h)anthracene	26.56	278	3200	0.251	ng	# 62
39) Benzo(g,h,i)perylene	27.38	276	13628	1.080	ng	97

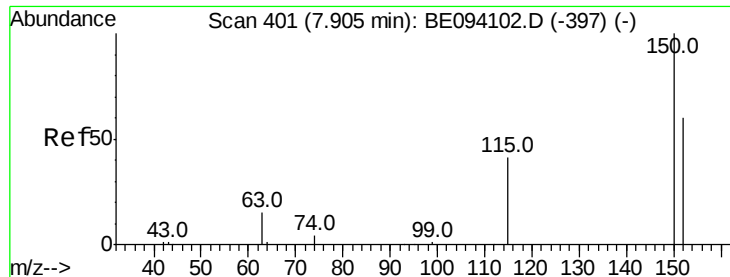
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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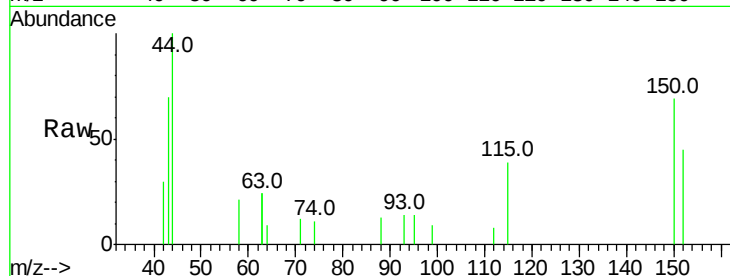


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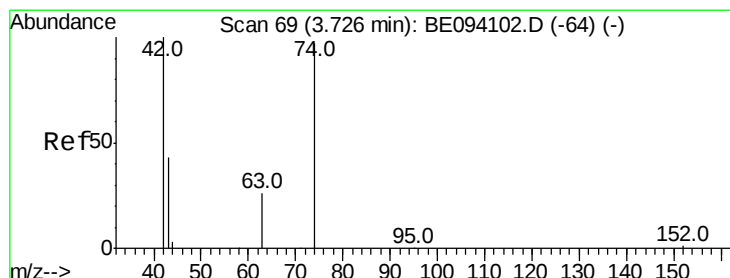
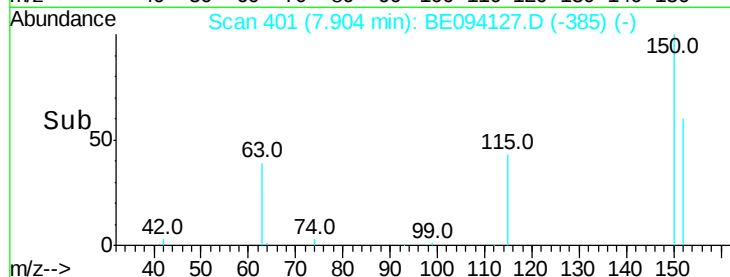
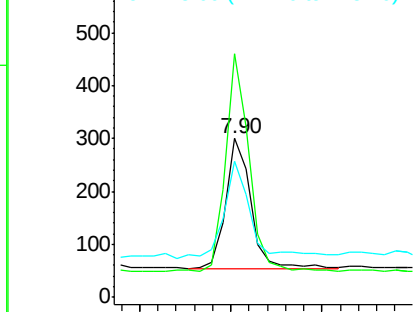
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 465
Ion Ratio Lower Upper
152 100
150 153.3 117.2 175.8
115 85.7 57.0 85.6#



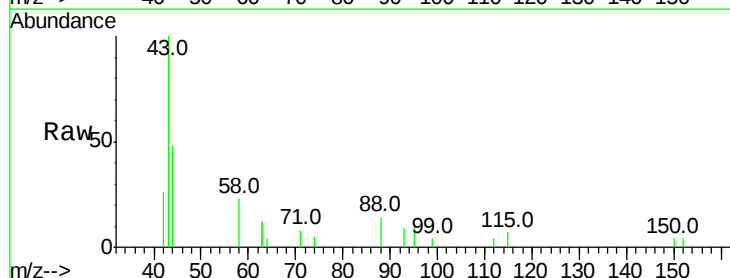
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



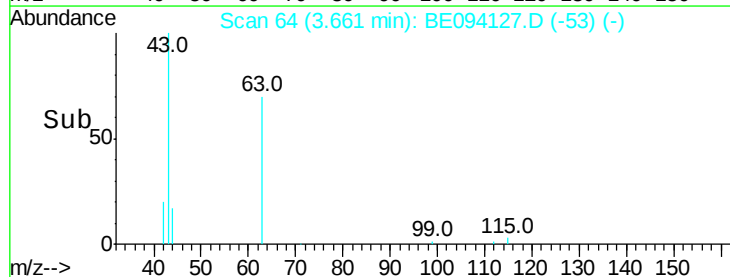
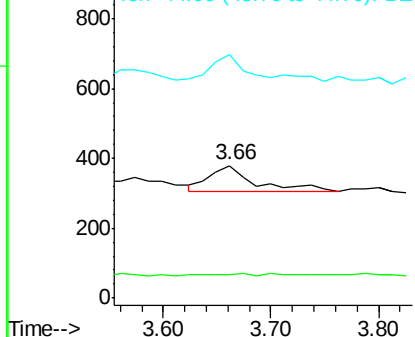
#3

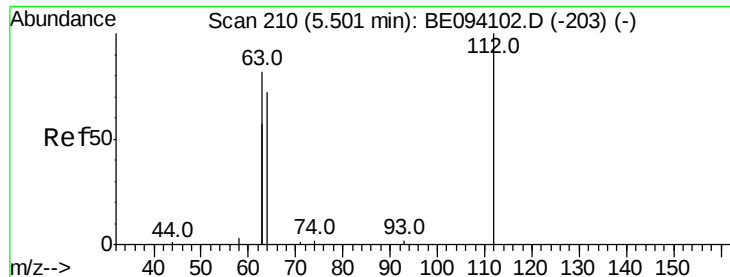
n-Nitrosodimethylamine
Concen: 0.177 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.06 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion: 42 Resp: 205
Ion Ratio Lower Upper
42 100
74 5.4 100.3 150.5#
44 70.2 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.353 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampled :

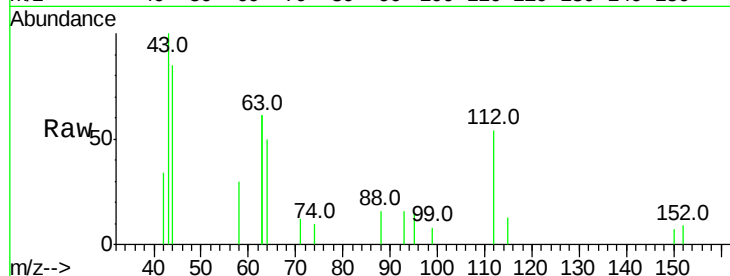
Tot Ion: 112 Resp: 622

Ion Ratio Lower Upper

112 100

64 77.3 60.1 90.1

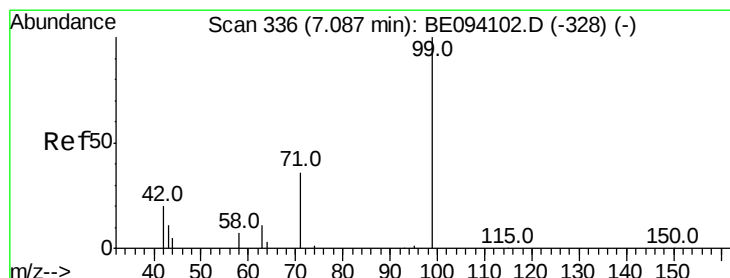
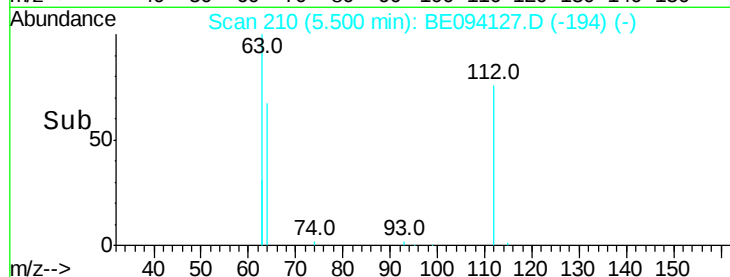
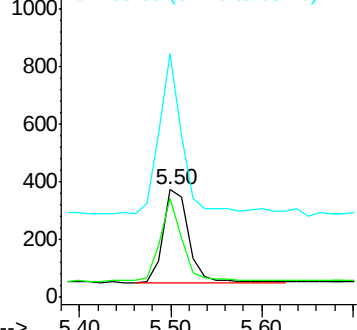
63 155.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.304 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

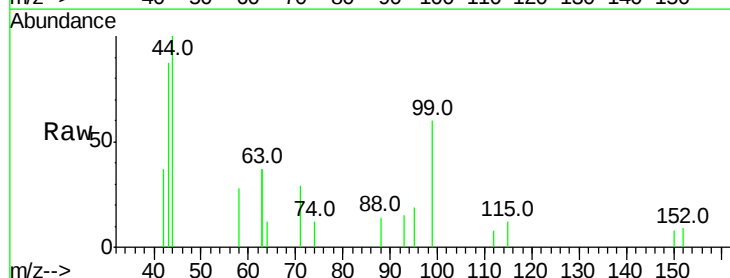
Tgt Ion: 99 Resp: 745

Ion Ratio Lower Upper

99 100

42 32.3 20.2 30.2#

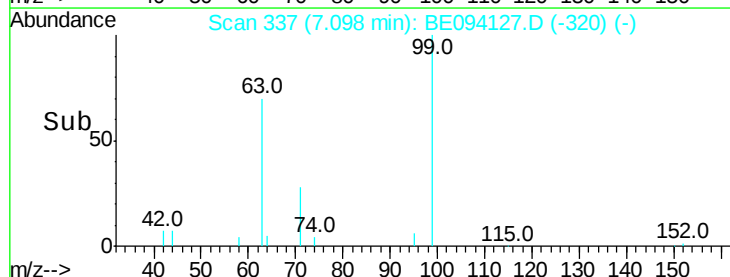
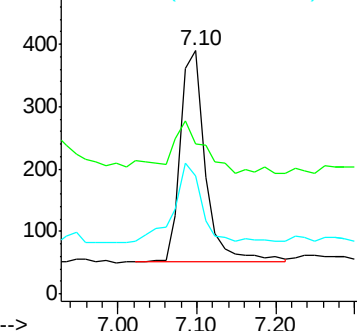
71 41.3 28.4 42.6

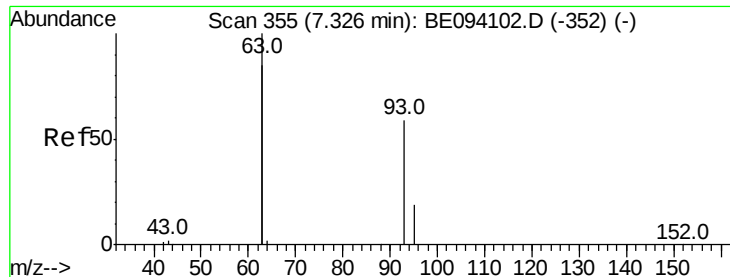


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.087 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

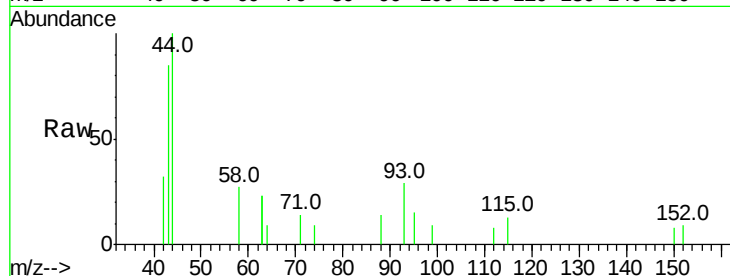
Tot Ion: 93 Resp: 166

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

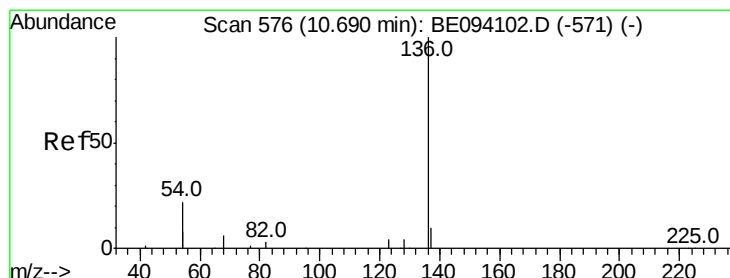
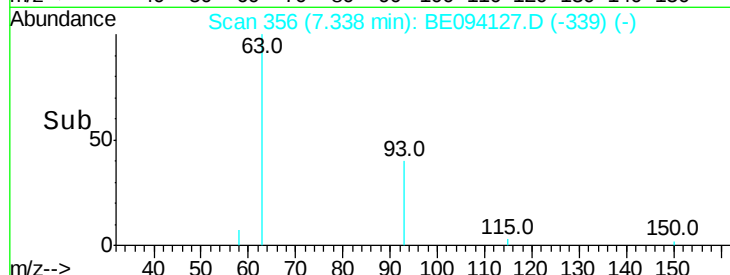
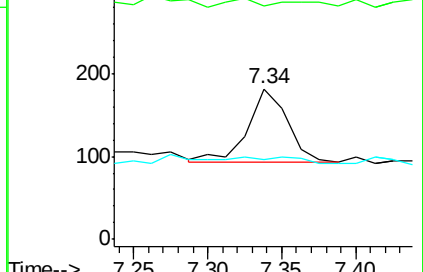
95 13.3 25.2 37.8#



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: BE094127.D

Acq: 26 Sep 2017 11:36

Tgt Ion: 136 Resp: 2359

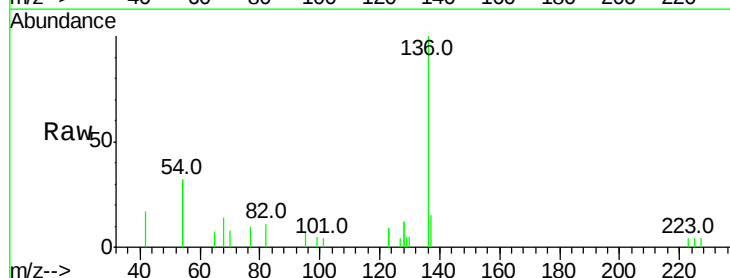
Ion Ratio Lower Upper

136 100

137 14.8 9.5 14.3#

54 64.4 29.1 43.7#

68 14.4 6.2 9.2#

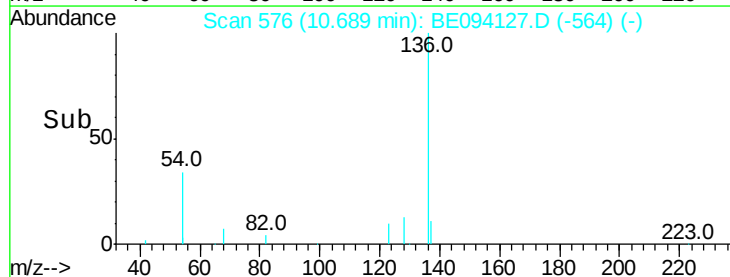
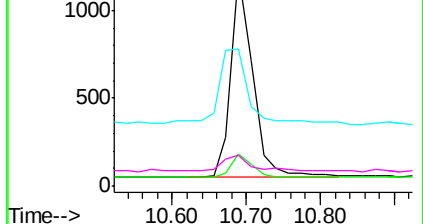


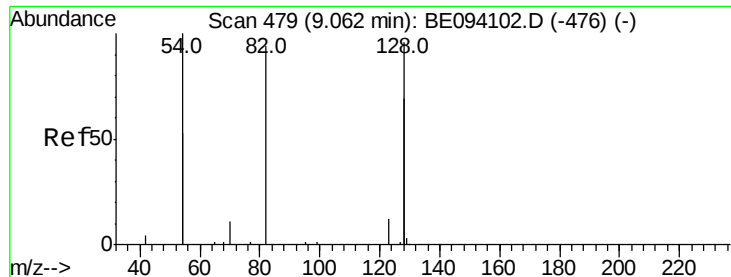
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.319 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

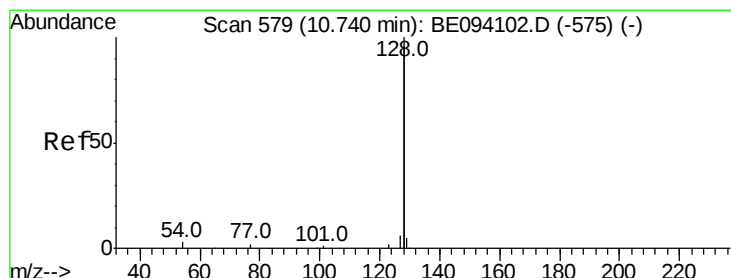
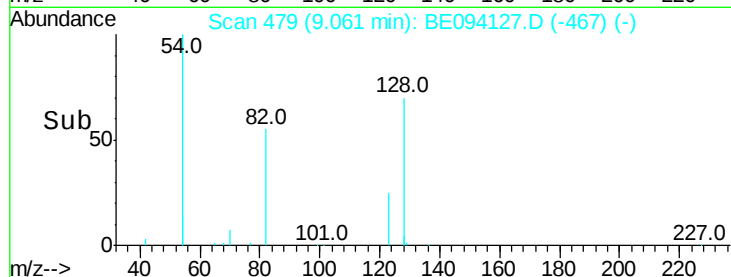
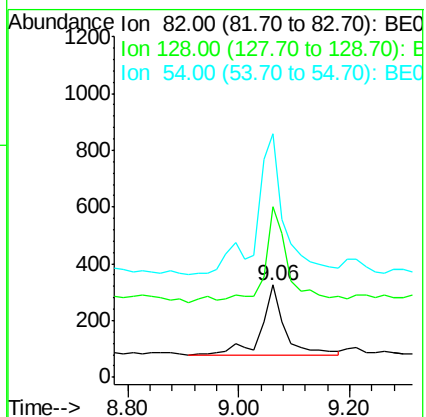
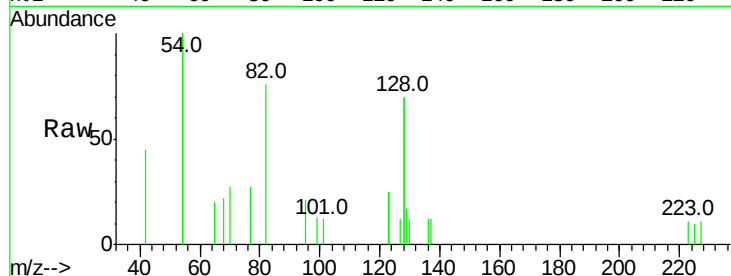
Tot Ion: 82 Resp: 729

Ion Ratio Lower Upper

82 100

128 185.2 150.0 225.0

54 264.8 154.2 231.4#



#9

Naphthalene

Concen: 0.046 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

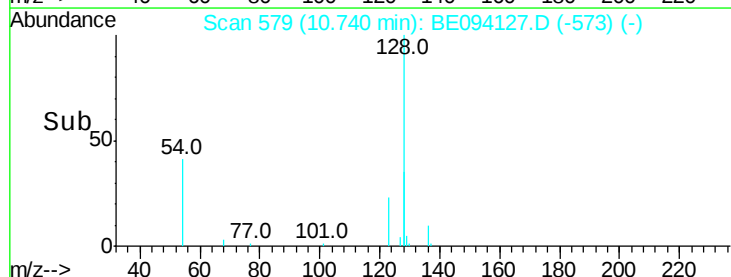
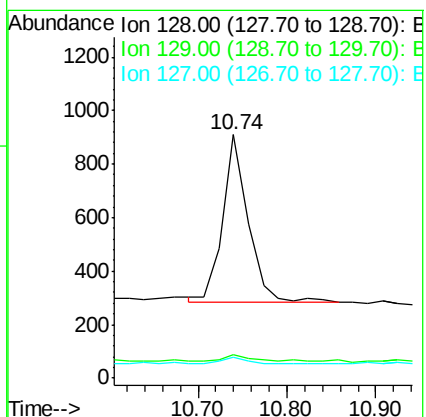
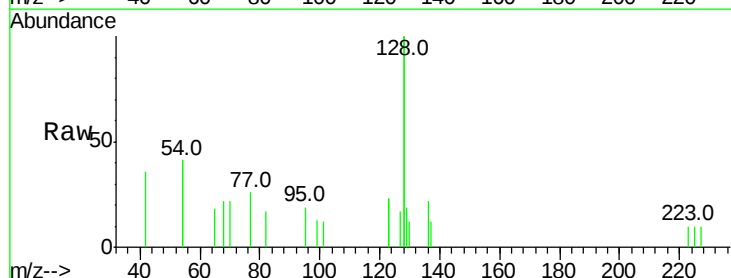
Tgt Ion: 128 Resp: 1237

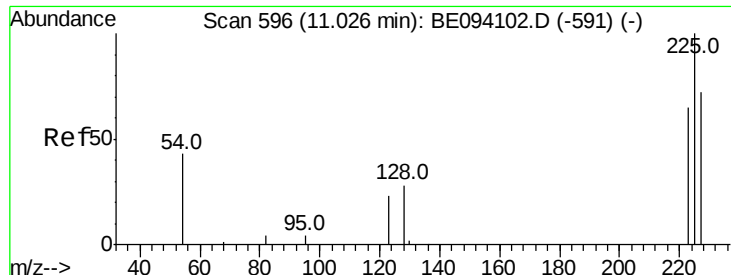
Ion Ratio Lower Upper

128 100

129 9.6 2.6 3.8#

127 8.7 2.8 4.2#

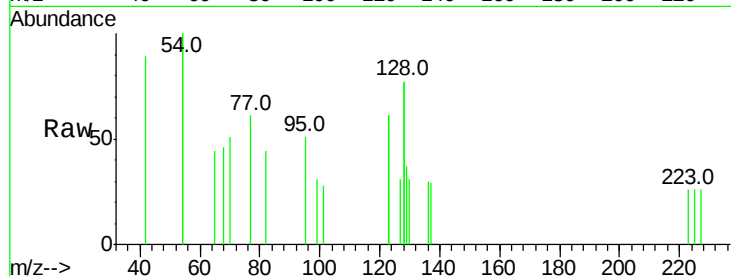




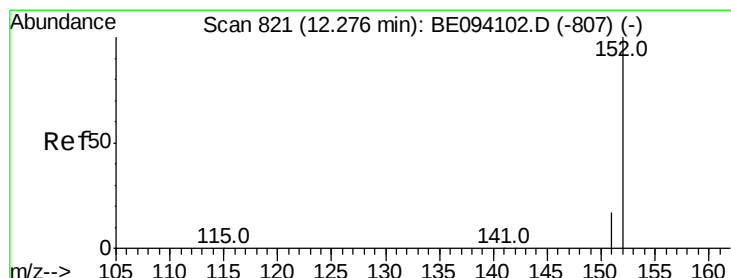
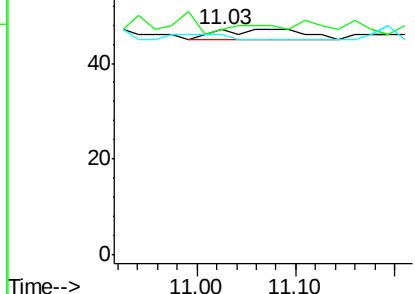
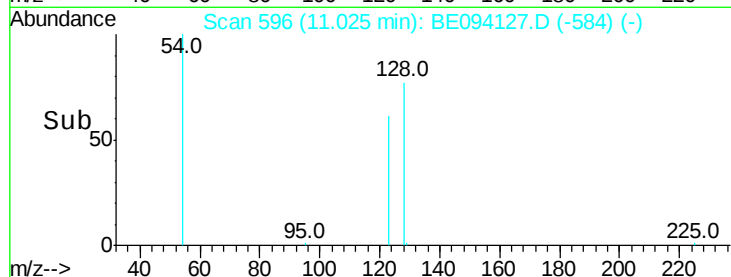
#10
Hexachlorobutadiene
Concen: 0.012 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 12
Ion Ratio Lower Upper
225 100
223 25.0 53.0 79.6#
227 0.0 51.4 77.2#

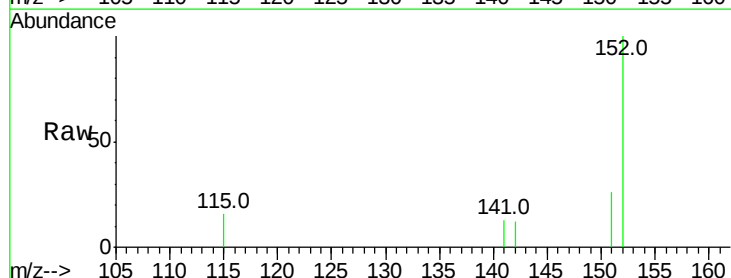


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

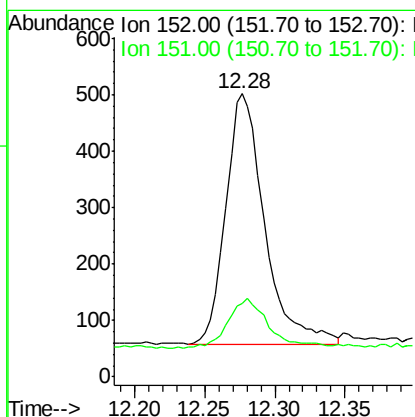
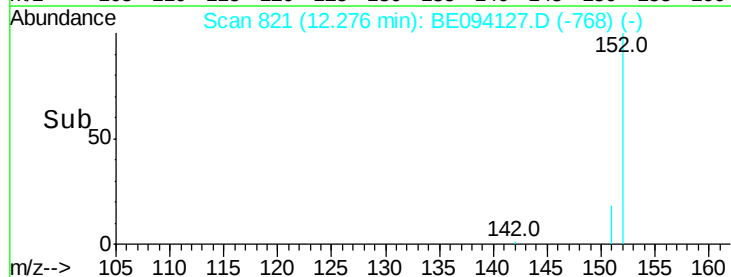


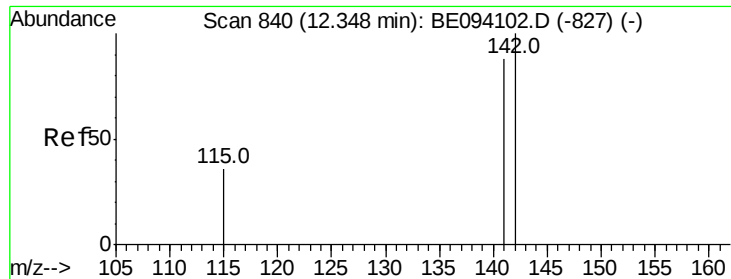
#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:152 Resp: 867
Ion Ratio Lower Upper
152 100
151 20.5 15.4 23.0



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

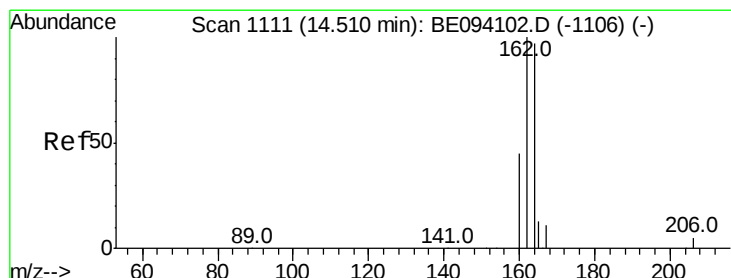
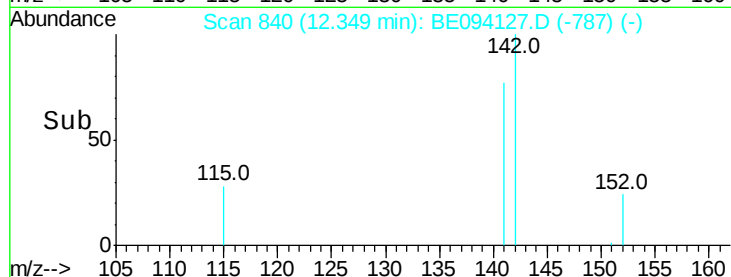
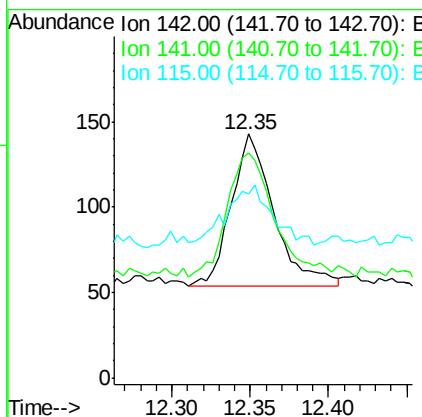
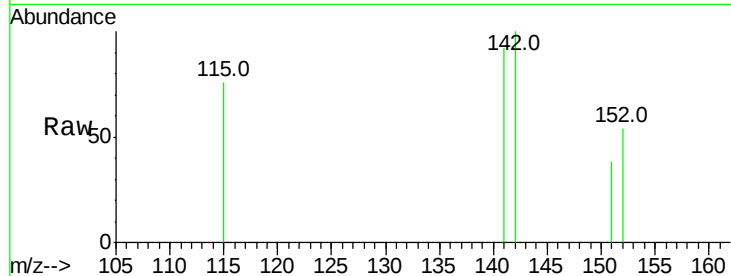




#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

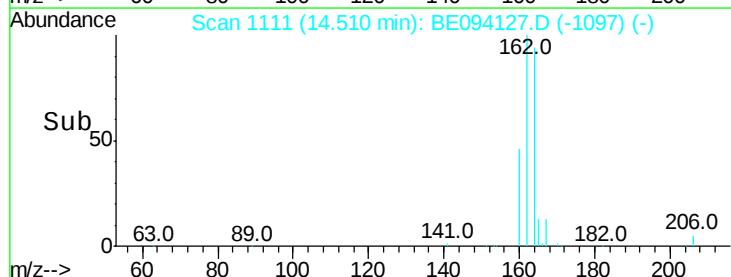
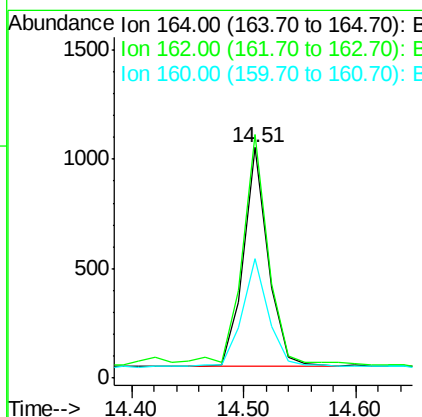
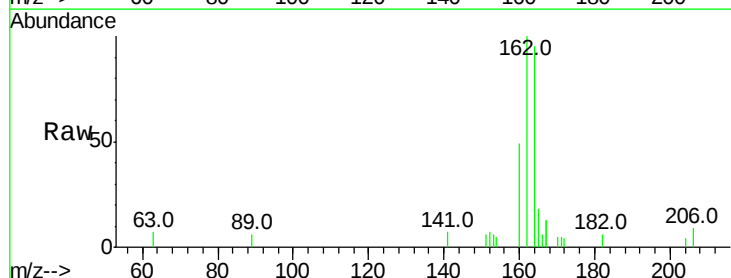
Instrument :
BNA_E
ClientSampleId :

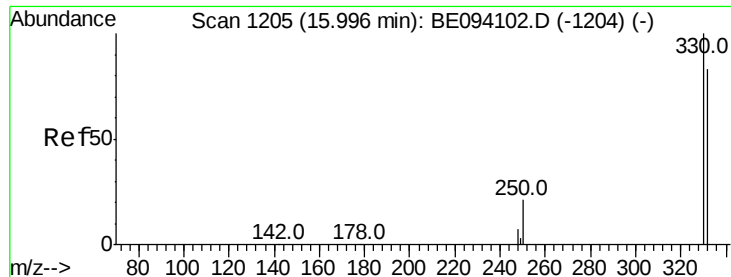
Tot Ion:142 Resp: 167
Ion Ratio Lower Upper
142 100
141 92.3 70.4 105.6
115 75.5 31.7 47.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:164 Resp: 1524
Ion Ratio Lower Upper
164 100
162 105.7 83.1 124.7
160 51.6 37.1 55.7

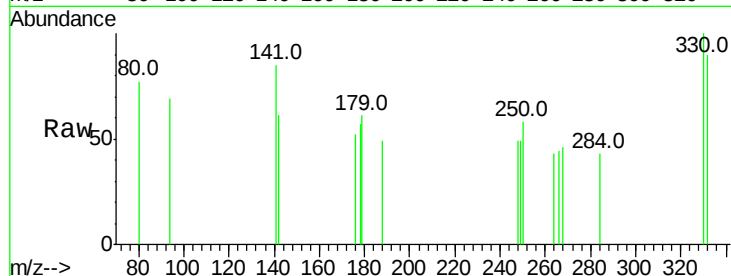




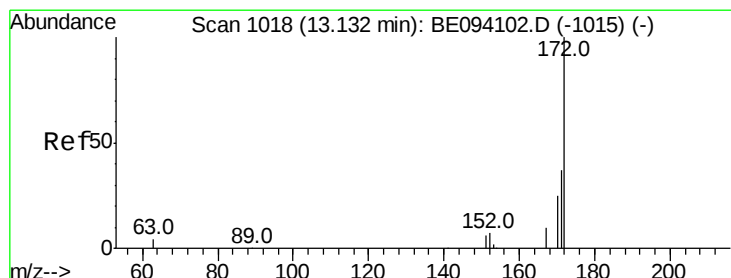
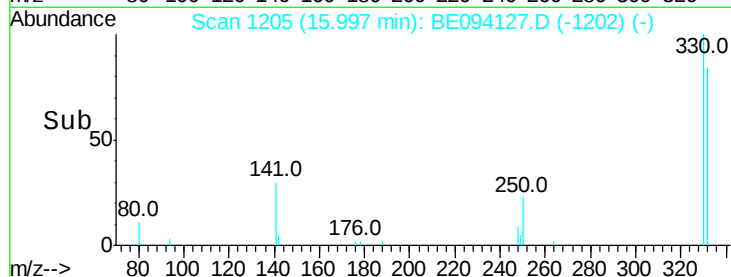
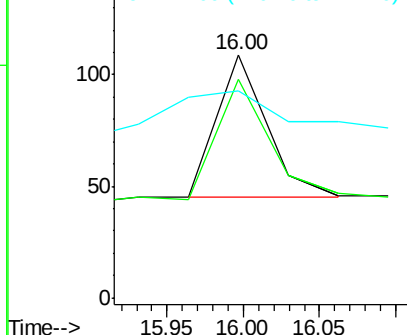
#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampled :

Tot Ion:330 Resp: 147
Ion Ratio Lower Upper
330 100
332 90.5 152.7 229.1#
141 0.0 33.7 50.5#

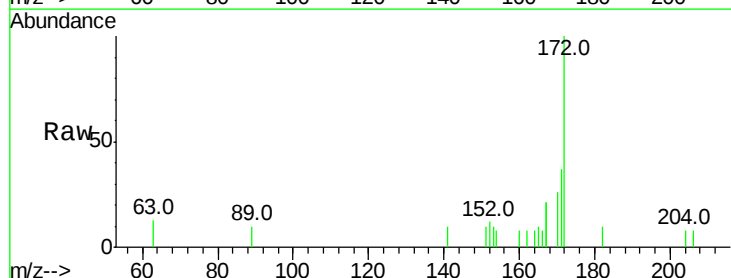


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

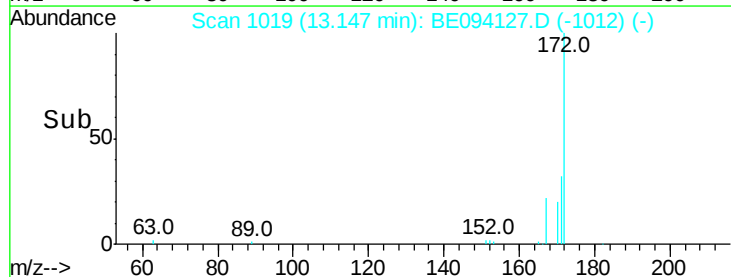
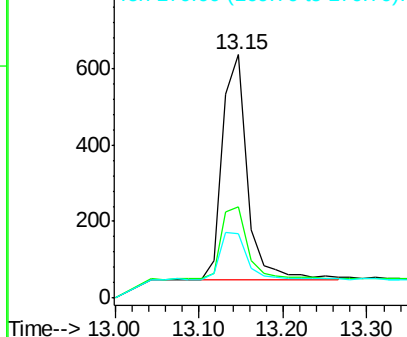


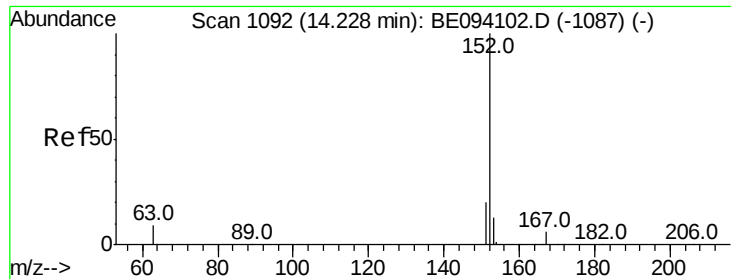
#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:172 Resp: 1226
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 26.4 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: 0.215 ng

RT: 14.23 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

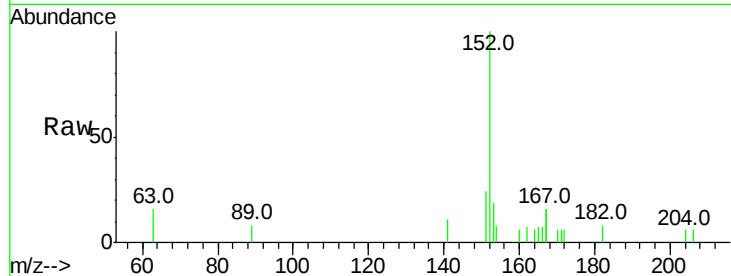
Tot Ion:152 Resp: 1643

Ion Ratio Lower Upper

152 100

151 18.0 15.7 23.5

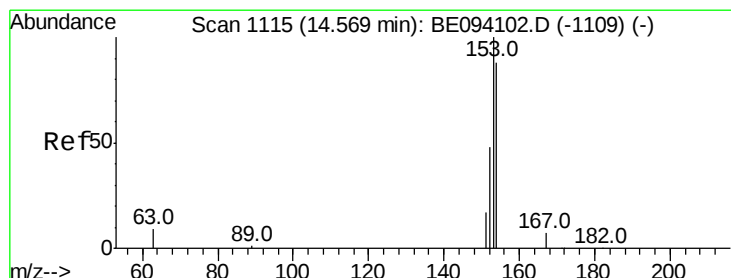
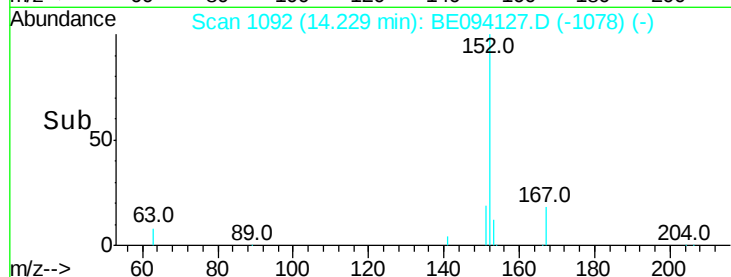
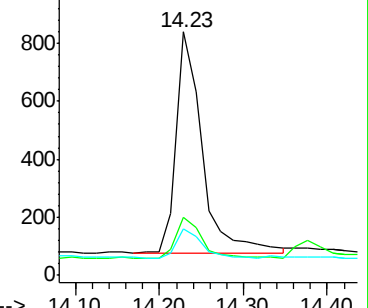
153 12.5 10.5 15.7



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: 0.118 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

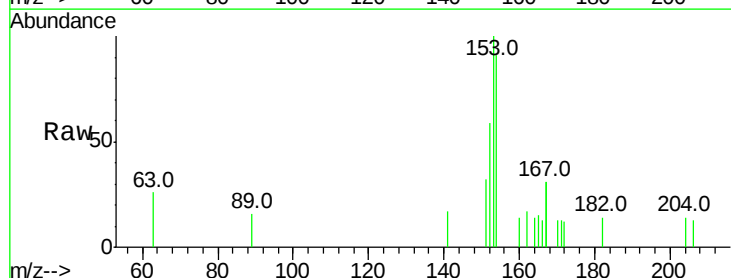
Tgt Ion:154 Resp: 561

Ion Ratio Lower Upper

154 100

153 107.7 89.2 133.8

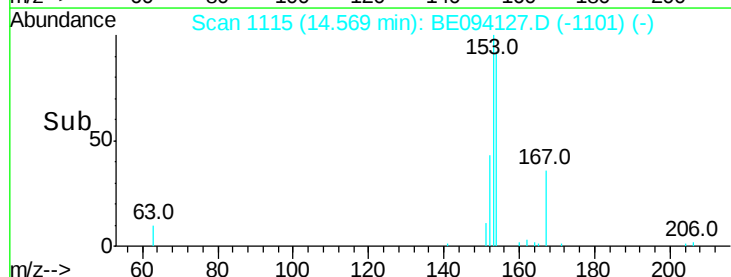
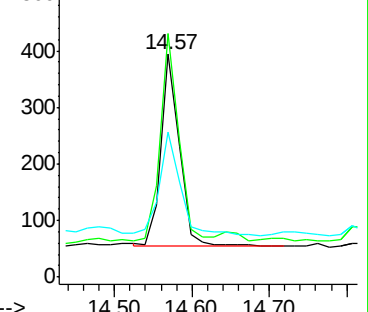
152 62.6 42.0 63.0

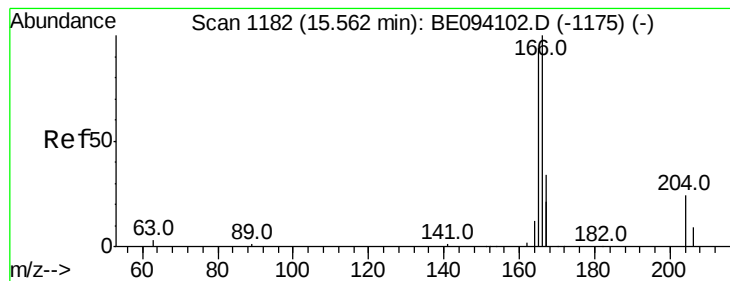


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.116 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

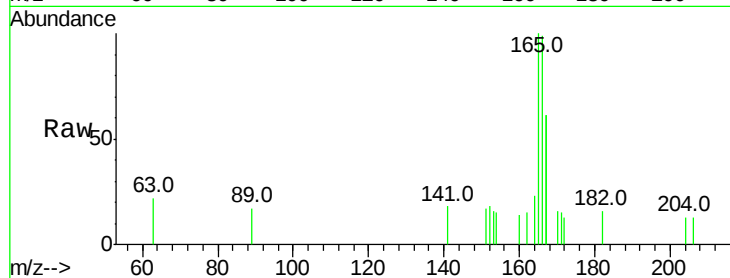
Tot Ion:166 Resp: 750

Ion Ratio Lower Upper

166 100

165 109.7 77.8 116.6

167 66.1 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

15.56

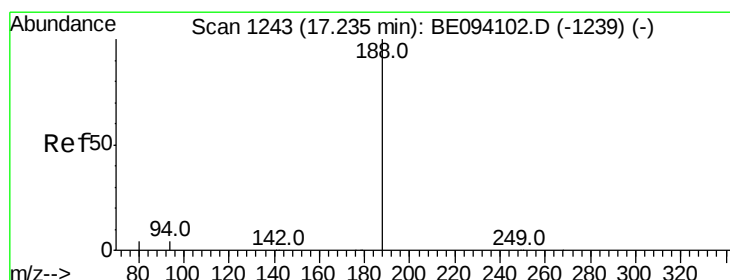
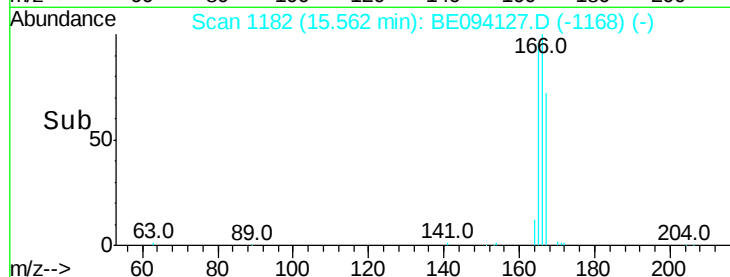
400

200

0

15.40 15.50 15.60

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

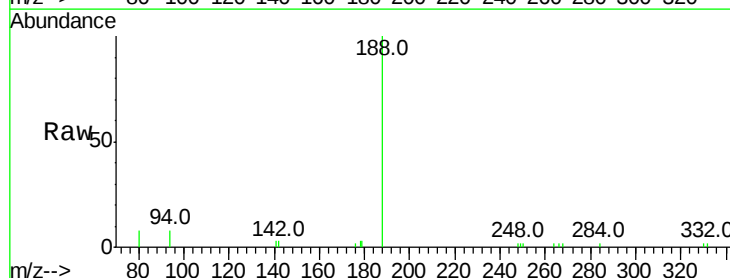
Tgt Ion:188 Resp: 5930

Ion Ratio Lower Upper

188 100

94 7.9 3.9 5.9#

80 7.6 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

17.24

4000

3000

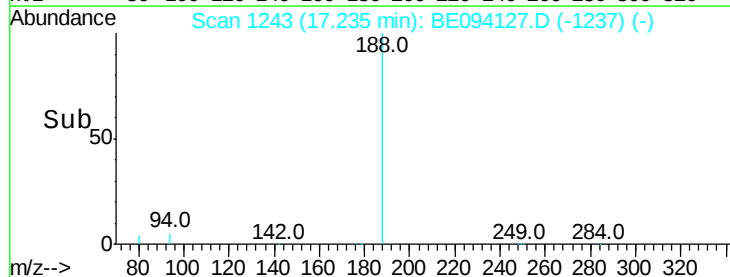
2000

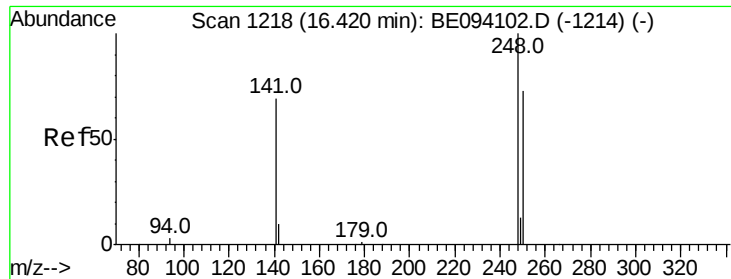
1000

0

17.00 17.20 17.40

Time-->

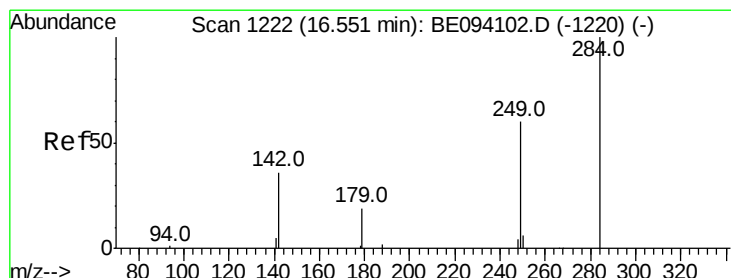
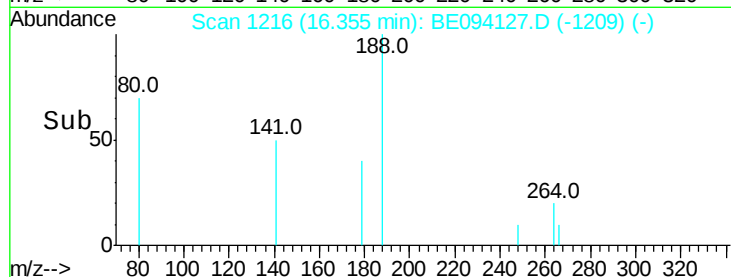
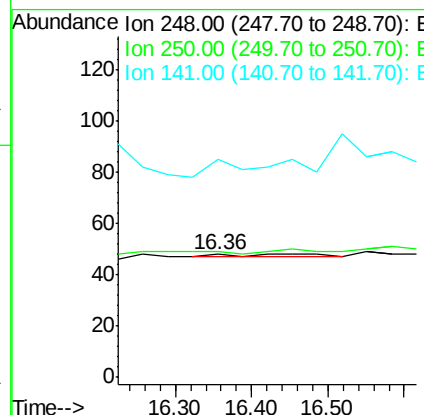
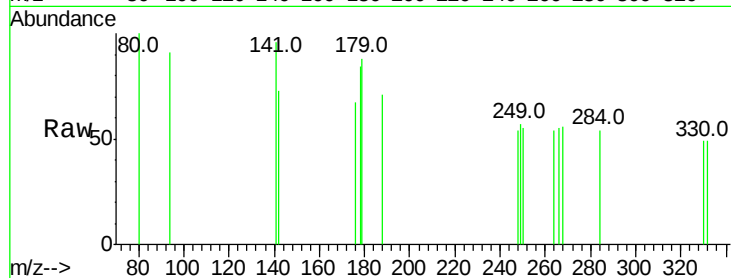




#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.36 min Scan# 1216
Delta R.T. -0.06 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

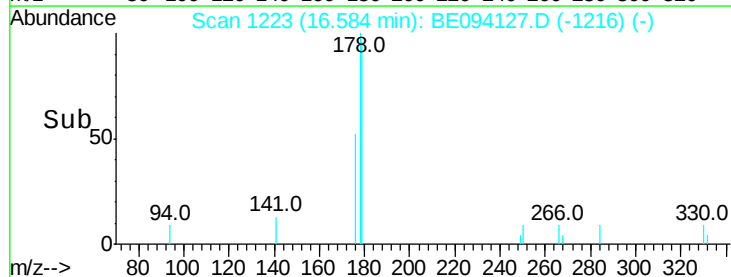
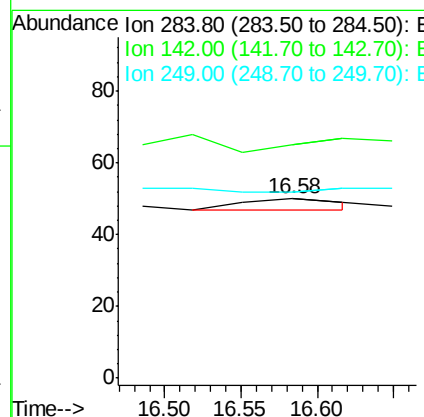
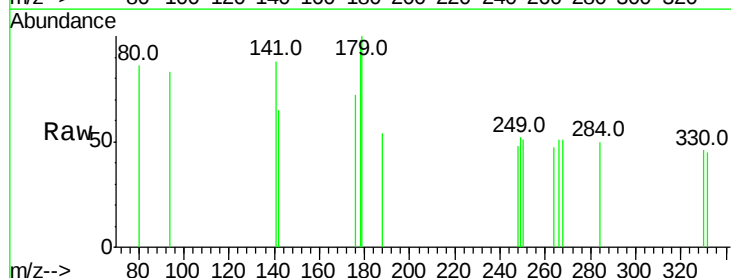
Instrument :
BNA_E
ClientSampleId :

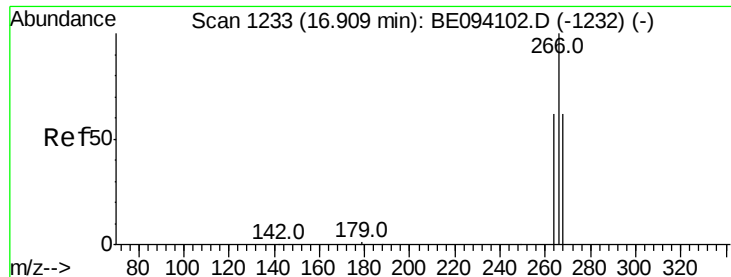
Tot Ion:248 Resp: 8
Ion Ratio Lower Upper
248 100
250 102.1 62.7 94.1#
141 177.1 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.009 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.03 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:284 Resp: 14
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.003 ng

RT: 17.01 min Scan# 1236

Delta R.T. 0.10 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

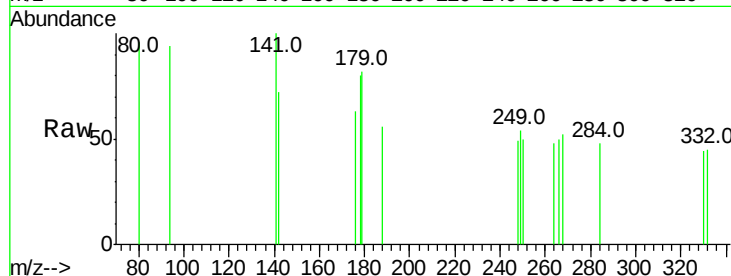
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 96.1 72.5 108.7

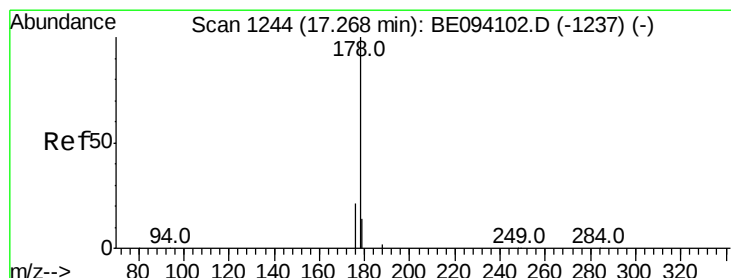
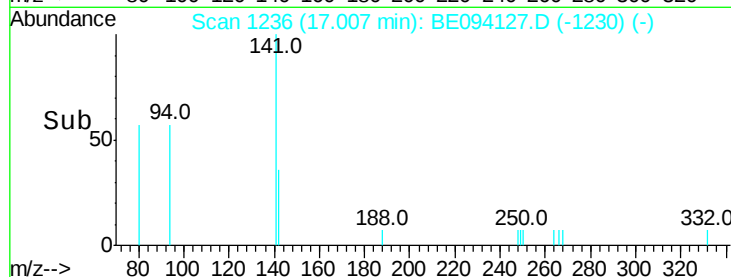
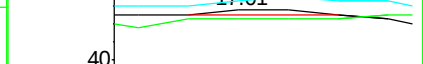
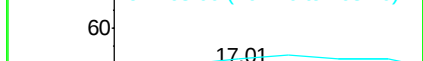
268 103.9 73.8 110.6



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: 1.438 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

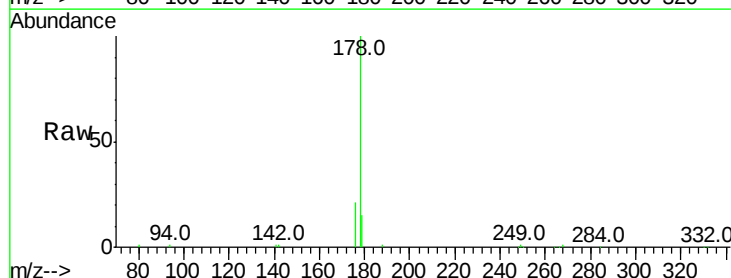
Tgt Ion:178 Resp: 21816

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

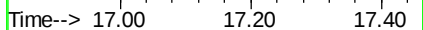
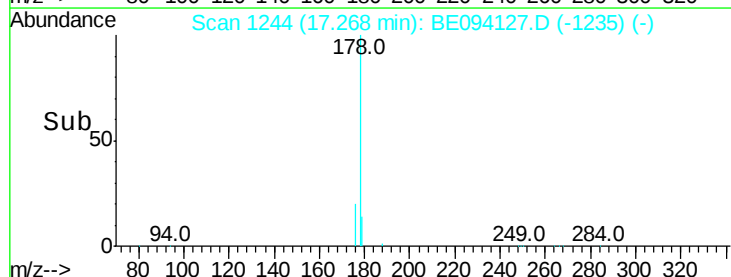
179 15.7 11.8 17.6

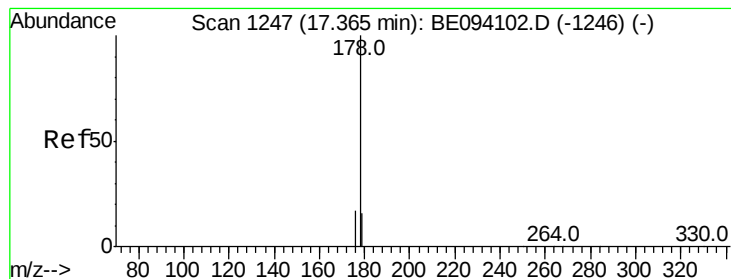


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.247 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

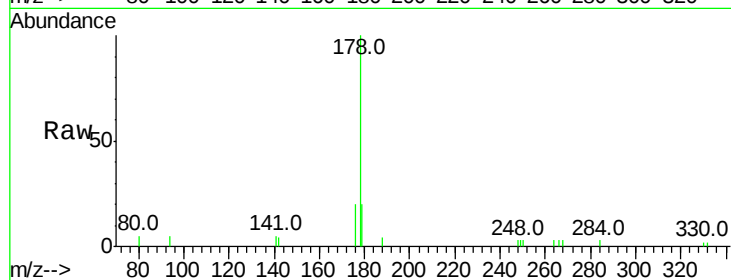
Tot Ion:178 Resp: 3925

Ion Ratio Lower Upper

178 100

176 16.0 12.8 19.2

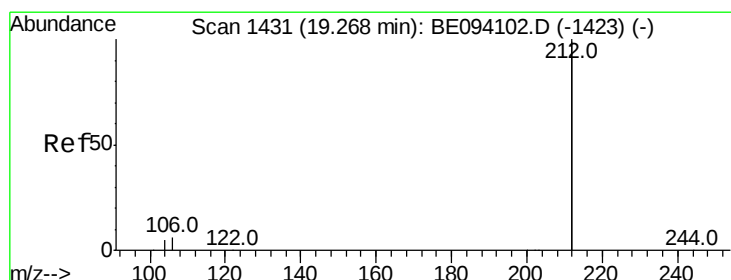
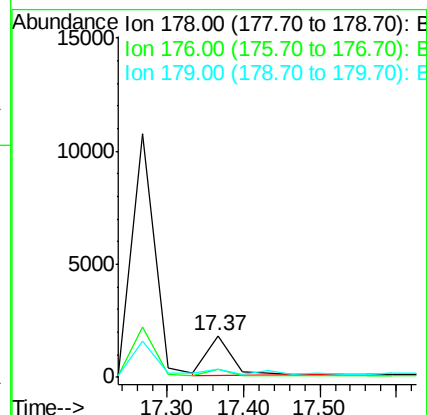
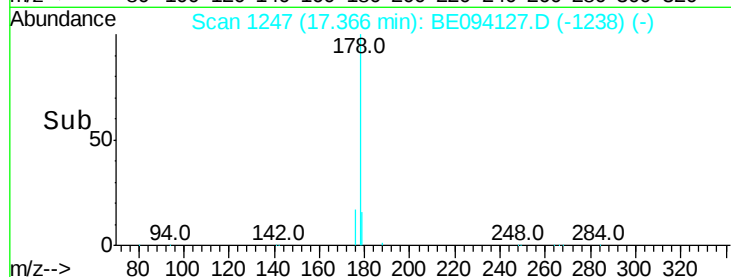
179 25.3 13.0 19.6#



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: 0.183 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

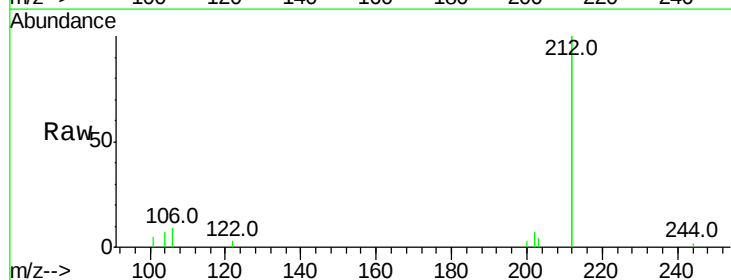
Tgt Ion:212 Resp: 10517

Ion Ratio Lower Upper

212 100

106 3.8 2.8 4.2

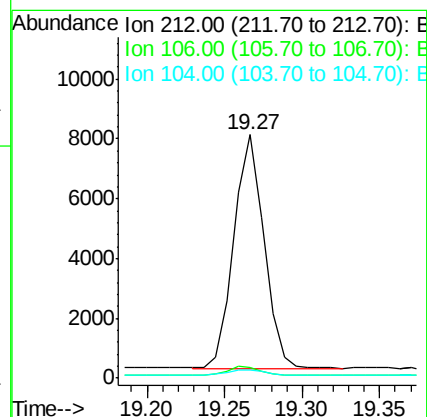
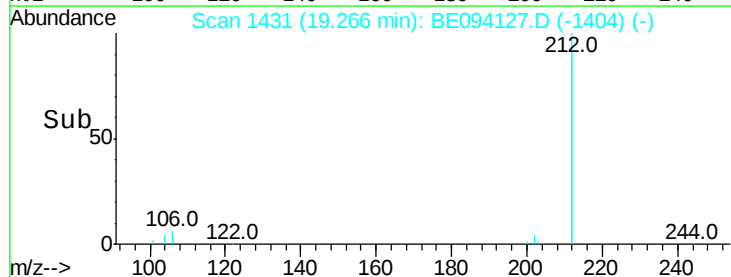
104 2.9 1.6 2.4#

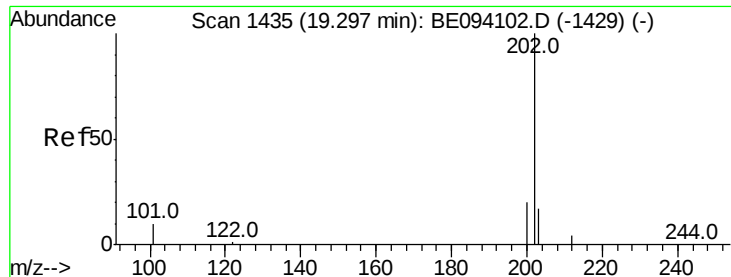


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

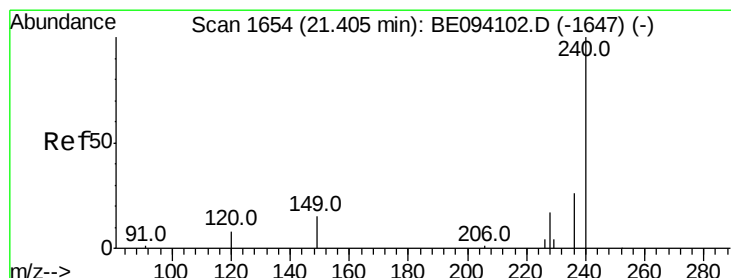
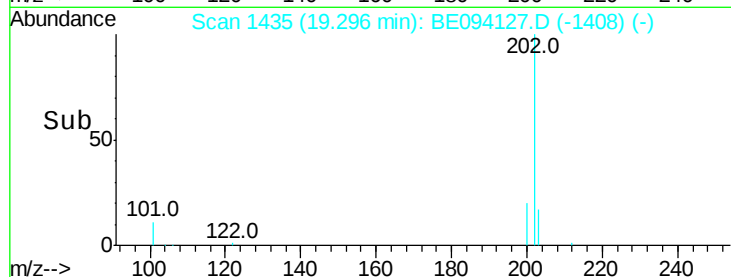
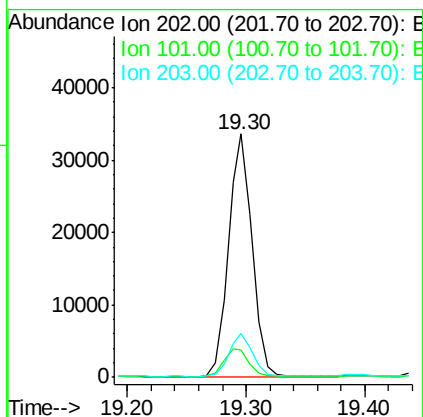
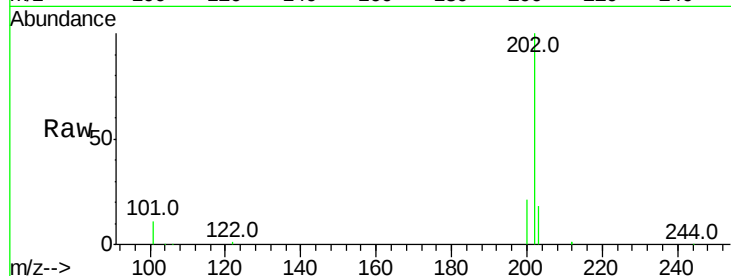




#26
Fluoranthene
Concen: 2.755 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

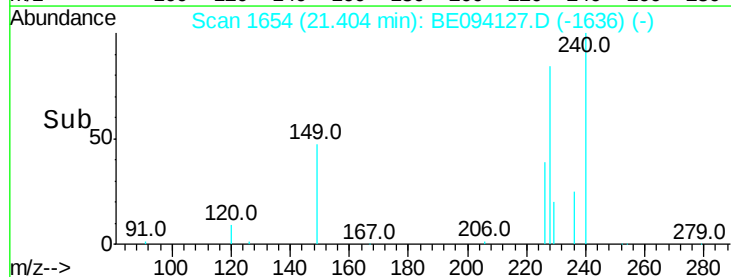
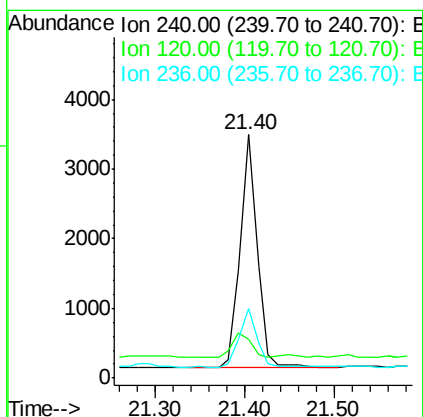
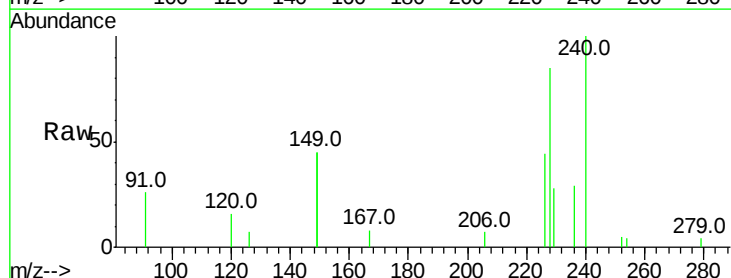
Instrument :
BNA_E
ClientSampleId :

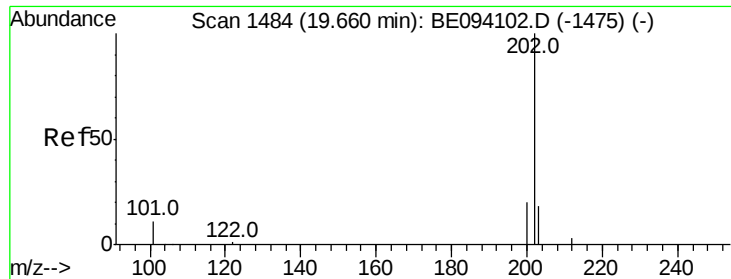
Tot Ion:202 Resp: 46835
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
203 17.3 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:240 Resp: 4456
Ion Ratio Lower Upper
240 100
120 16.0 5.5 8.3#
236 28.8 20.7 31.1

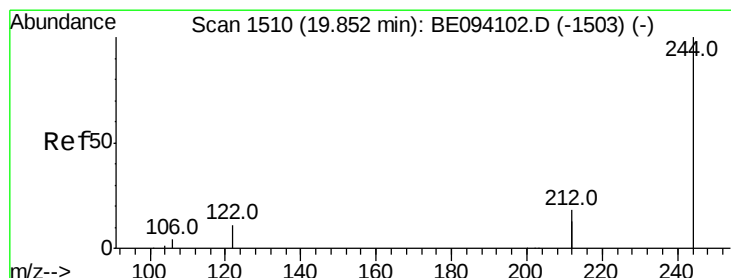
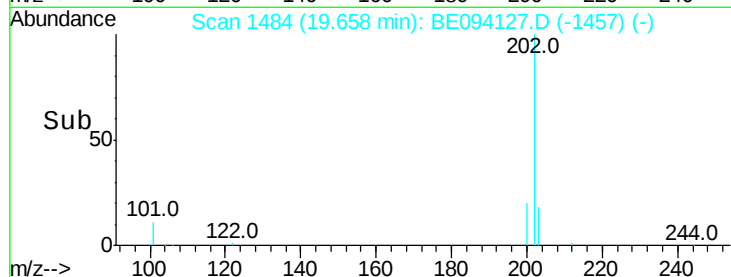
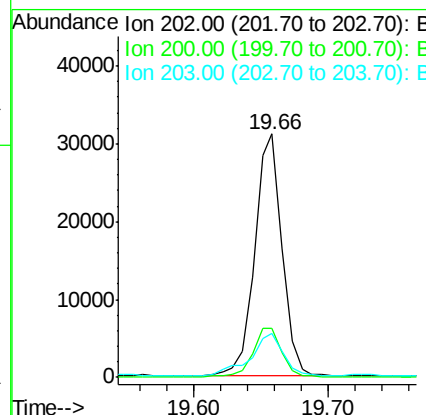
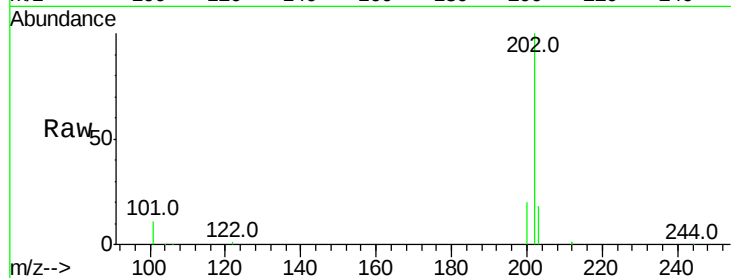




#28
Pvrene
Concen: 3.135 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

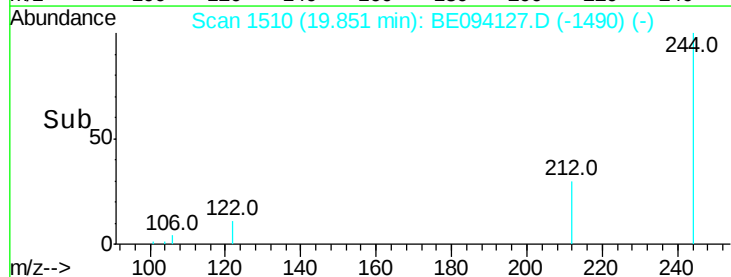
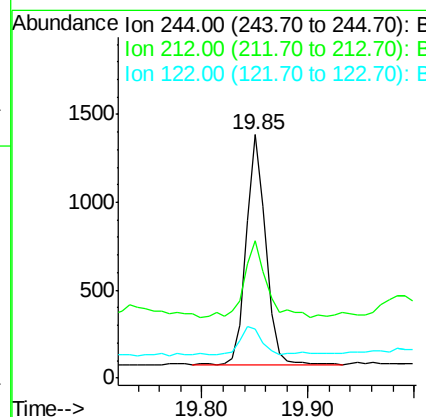
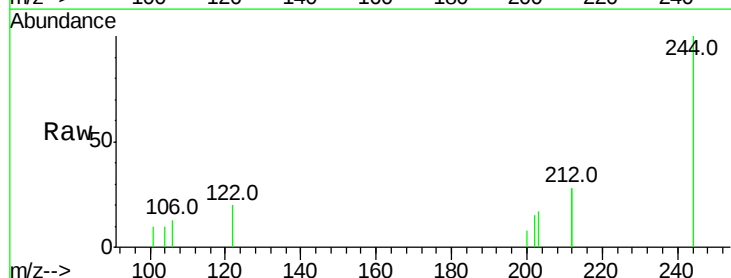
Instrument :
BNA_E
ClientSampleId :

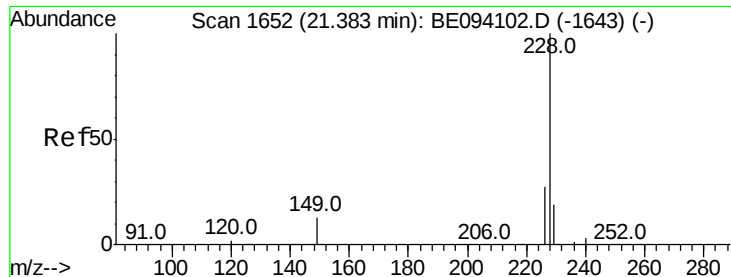
Tot Ion:202 Resp: 44259
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 21.5 13.8 20.8#



#29
Terphenyl-d14
Concen: 0.205 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:244 Resp: 1663
Ion Ratio Lower Upper
244 100
212 56.3 25.4 38.0#
122 20.1 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 1.411 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

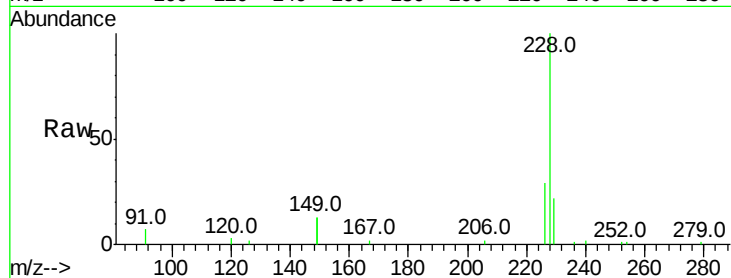
Tot Ion:228 Resp: 21172

Ion Ratio Lower Upper

228 100

226 28.7 21.4 32.0

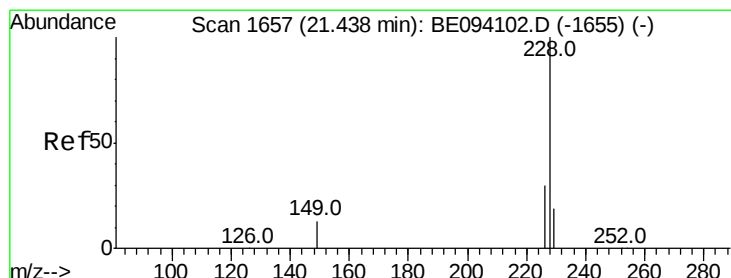
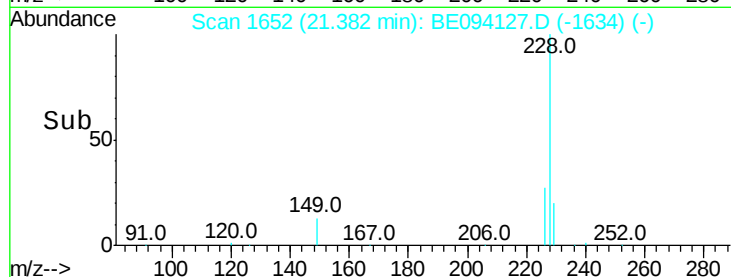
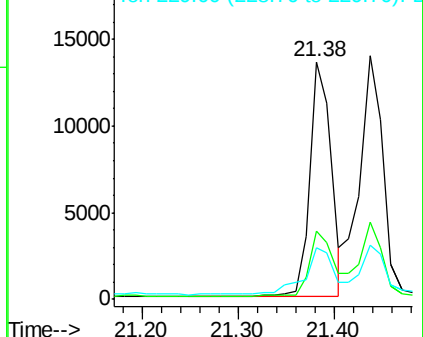
229 21.9 16.4 24.6



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: 1.461 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

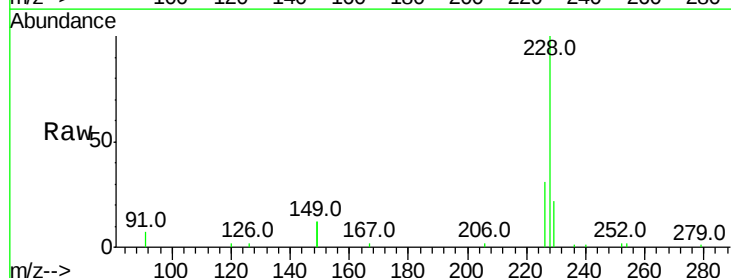
Tgt Ion:228 Resp: 21150

Ion Ratio Lower Upper

228 100

226 31.5 23.6 35.4

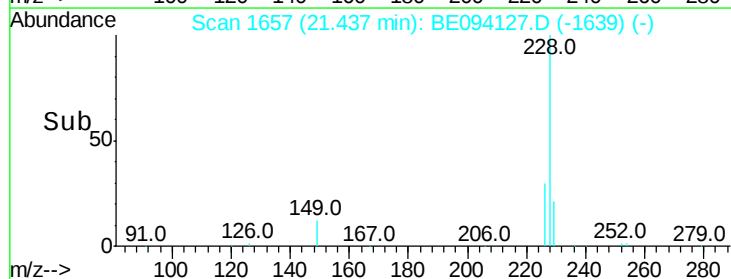
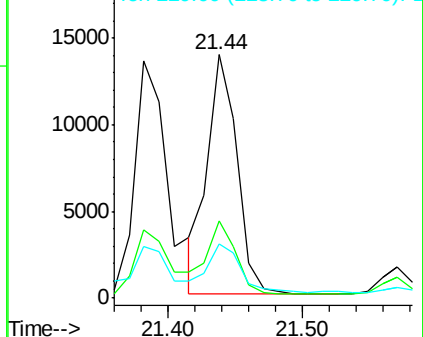
229 22.4 16.4 24.6

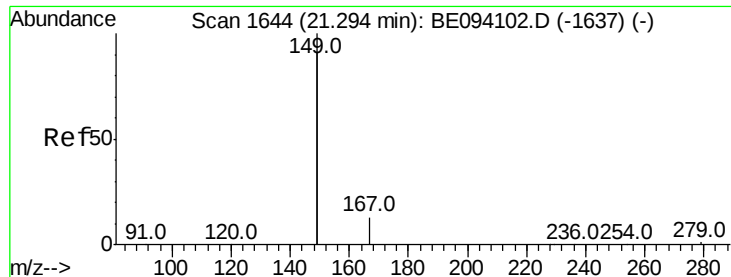


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.161 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

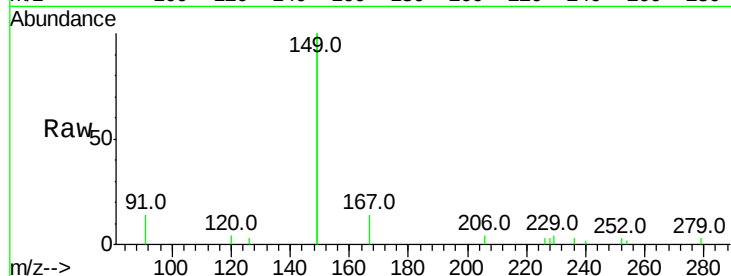
Tot Ion:149 Resp: 15369

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

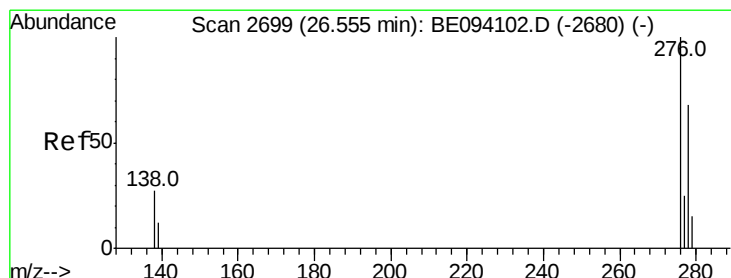
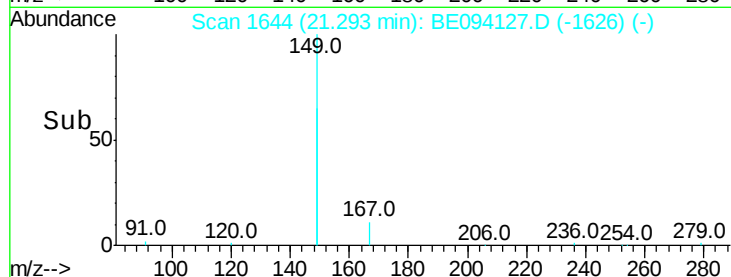
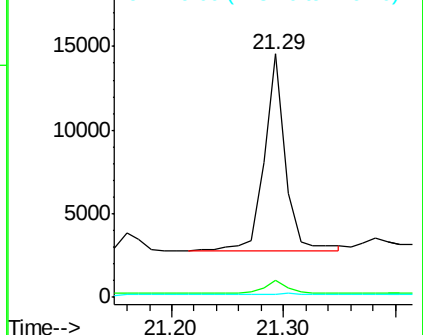
279 1.0 0.7 1.1



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: 0.858 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

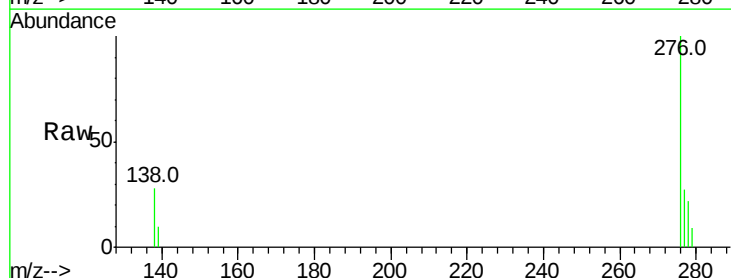
Tgt Ion:276 Resp: 13292

Ion Ratio Lower Upper

276 100

138 24.7 22.5 33.7

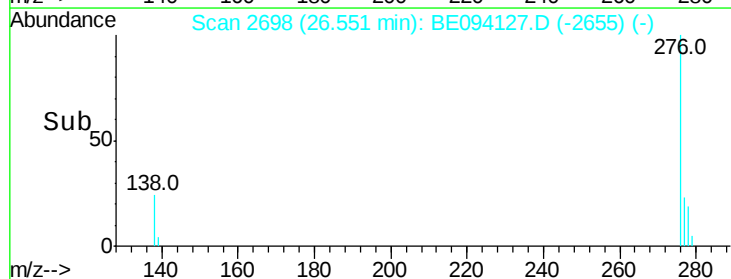
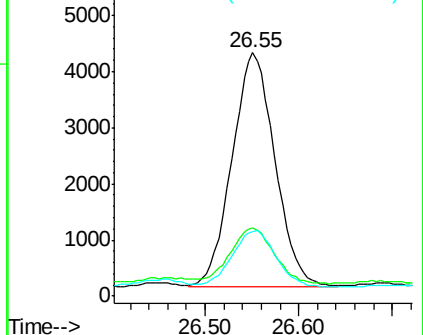
277 24.5 19.9 29.9

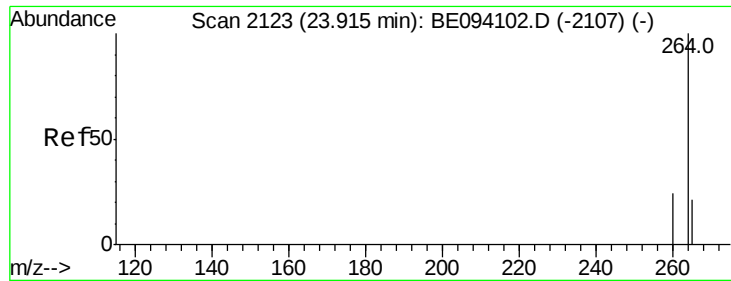


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

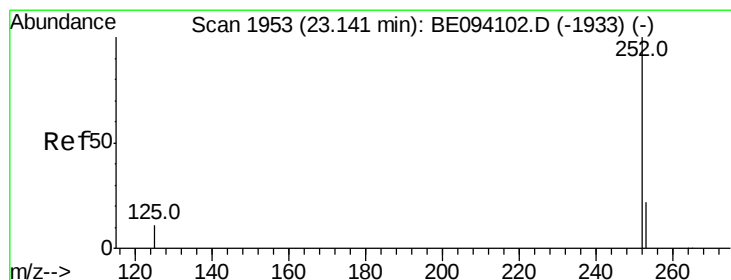
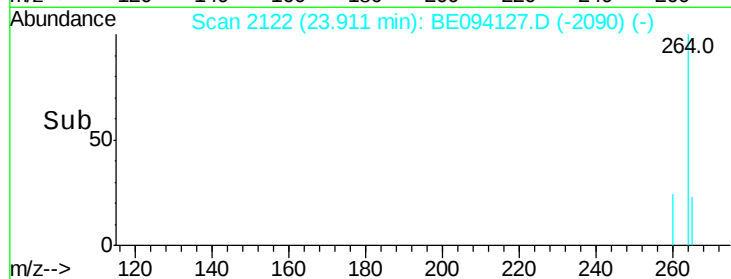
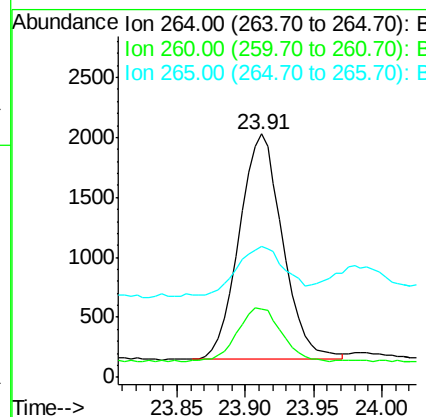
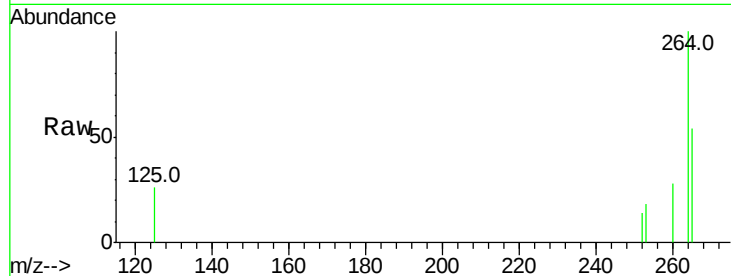




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

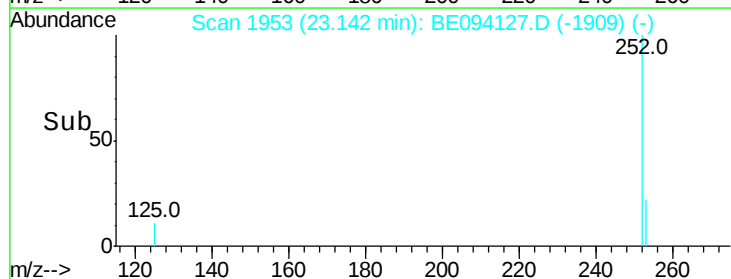
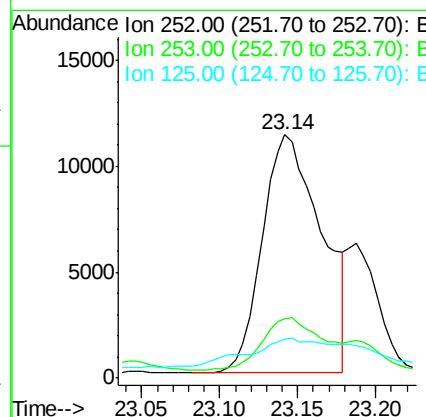
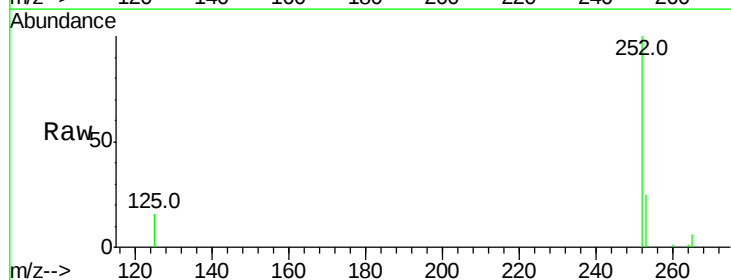
Instrument :
BNA_E
ClientSampleId :

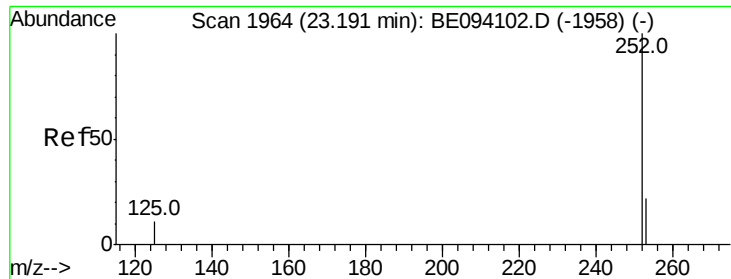
Tot Ion:264 Resp: 4127
Ion Ratio Lower Upper
264 100
260 28.2 20.5 30.7
265 54.0 22.8 34.2#



#35
Benzo(b)fluoranthene
Concen: 1.993 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:252 Resp: 29672
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.2
125 15.7 10.1 15.1#

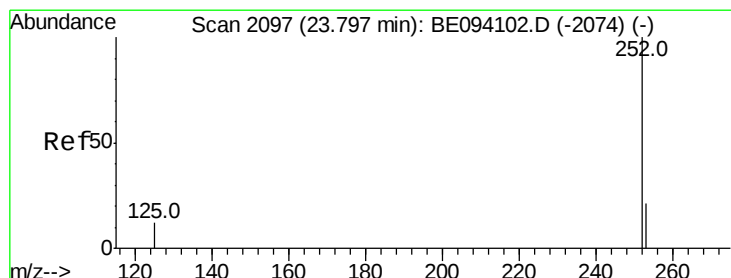
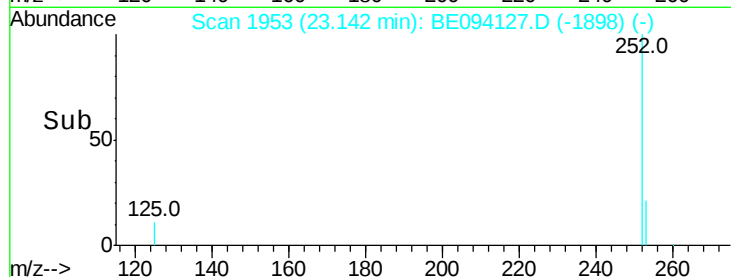
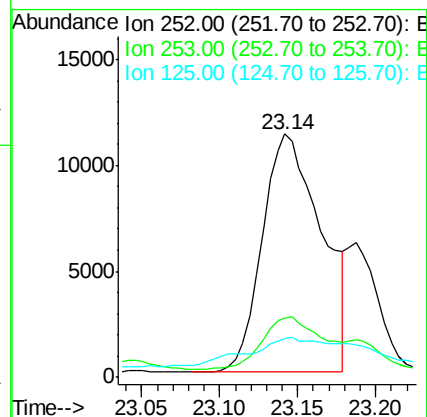
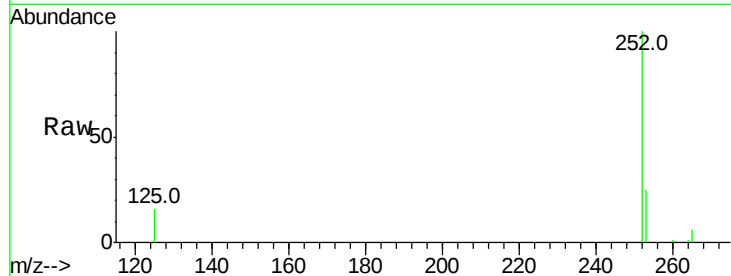




#36
Benzo(k)fluoranthene
Concen: 2.081 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

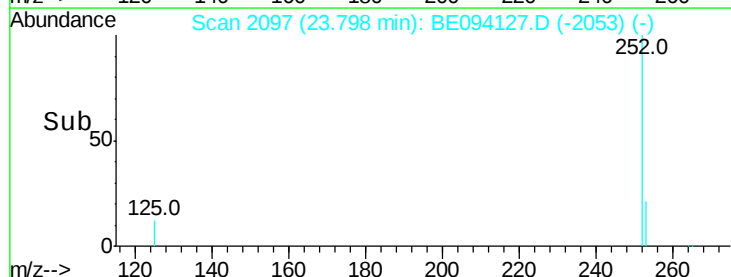
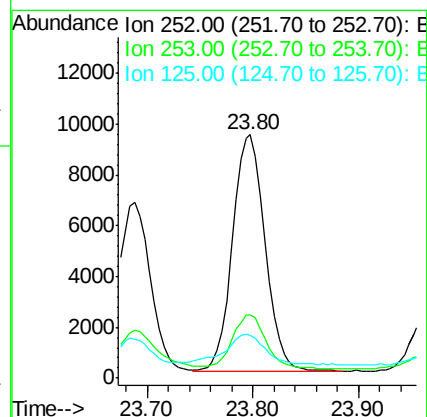
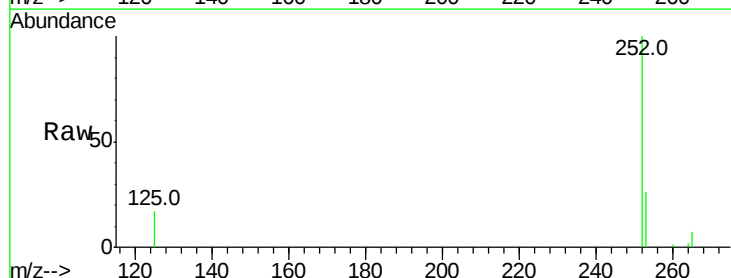
Instrument :
BNA_E
ClientSampleId :

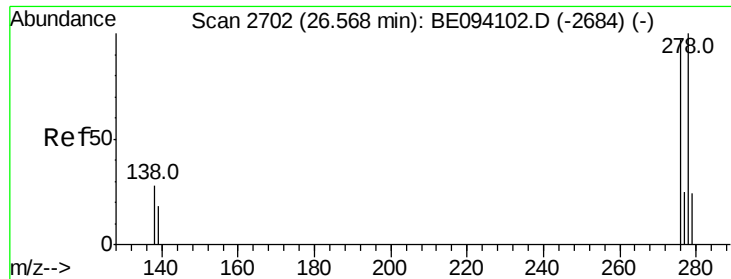
Tot Ion:252 Resp: 29672
Ion Ratio Lower Upper
252 100
253 24.5 18.6 27.8
125 15.7 10.7 16.1



#37
Benzo(a)pyrene
Concen: 1.481 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:252 Resp: 19930
Ion Ratio Lower Upper
252 100
253 26.1 19.0 28.6
125 17.4 11.8 17.8





#38

Dibenzo(a,h)anthracene

Concen: 0.251 ng

RT: 26.56 min Scan# 2699

Delta R.T. -0.01 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

Instrument :

BNA_E

ClientSampleId :

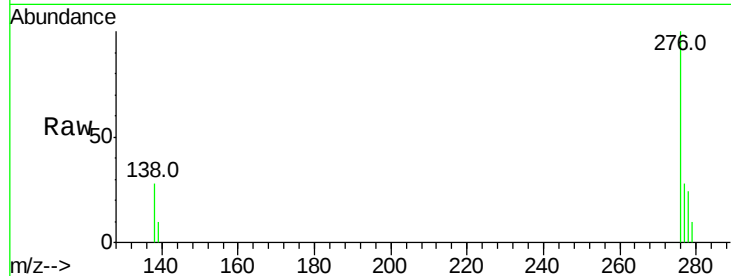
Tot Ion:278 Resp: 3200

Ion Ratio Lower Upper

278 100

139 41.8 16.3 24.5#

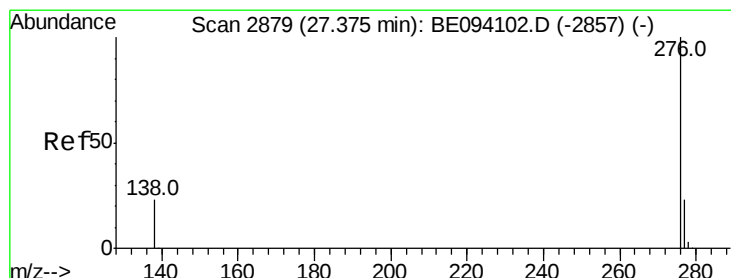
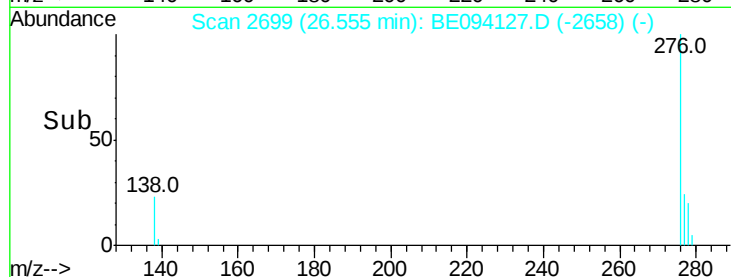
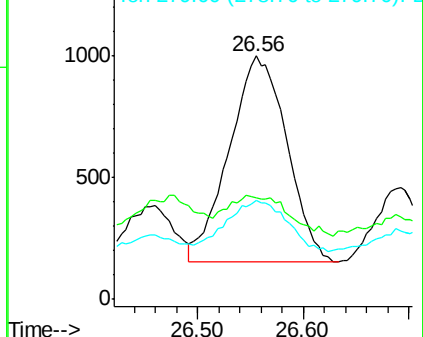
279 40.4 19.9 29.9#



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(g,h,i)perylene

Concen: 1.080 ng

RT: 27.38 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BE094127.D

Acq: 26 Sep 2017 11:36

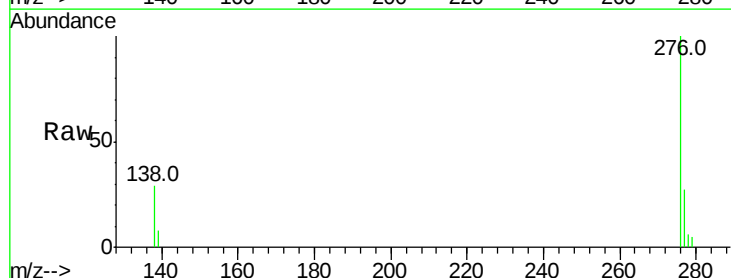
Tgt Ion:276 Resp: 13628

Ion Ratio Lower Upper

276 100

277 26.7 20.8 31.2

138 29.3 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

