

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
 Data File : BE094126.D
 Acq On : 26 Sep 2017 11:00
 Operator : SJ/JU
 Sample : I5340-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 15:49:52 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	511	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	2525	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	1644	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6174	0.40	ng	0.00
27) Chrysene-d12	21.40	240	4887	0.40	ng	0.00
34) Perylene-d12	23.91	264	4529	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	612	0.32	ng	0.00
5) Phenol-d6	7.09	99	743	0.28	ng	0.00
8) Nitrobenzene-d5	9.06	82	679	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	990	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	154	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1333	0.25	ng	0.02
25) Fluoranthene-d10	19.27	212	11259	0.19	ng	0.00
29) Terphenyl-d14	19.85	244	1730	0.19	ng	0.00

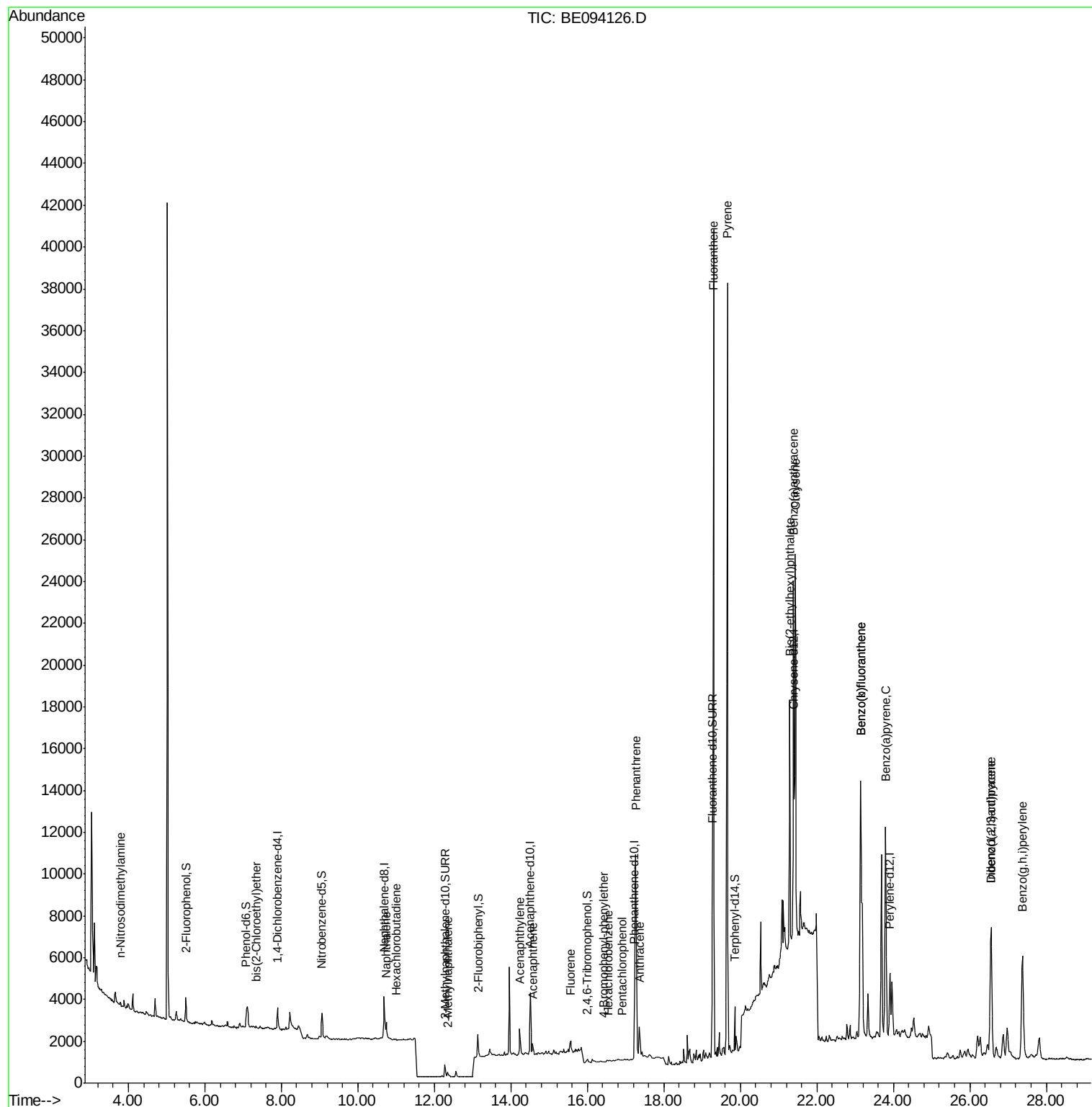
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.79	42	59	0.046	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	55	0.026	ng	# 1
9) Naphthalene	10.74	128	1378	0.048	ng	# 86
10) Hexachlorobutadiene	11.01	225	3	0.003	ng	# 1
12) 2-Methylnaphthalene	12.35	142	165	0.036	ng	# 74
16) Acenaphthylene	14.23	152	1700	0.206	ng	99
17) Acenaphthene	14.57	154	305	0.059	ng	98
18) Fluorene	15.56	166	593	0.085	ng	95
20) 4-Bromophenyl-phenylether	16.42	248	14	0.006	ng	# 21
21) Hexachlorobenzene	16.55	284	12	0.008	ng	# 38
22) Pentachlorophenol	16.91	266	6	0.004	ng	93
23) Phenanthrene	17.27	178	14938	0.946	ng	97
24) Anthracene	17.36	178	2693	0.163	ng	# 90
26) Fluoranthene	19.30	202	34898	1.972	ng	99
28) Pyrene	19.66	202	35405	2.286	ng	# 96
30) Benzo(a)anthracene	21.38	228	16879	1.026	ng	95
31) Chrysene	21.44	228	20032	1.261	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	14637	0.101	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	11090	0.653	ng	96
35) Benzo(b)fluoranthene	23.14	252	23315	1.427	ng	# 92
36) Benzo(k)fluoranthene	23.14	252	23315	1.490	ng	# 93
37) Benzo(a)pyrene	23.79	252	16267	1.102	ng	# 93
38) Dibenzo(a,h)anthracene	26.56	278	3082	0.220	ng	# 59
39) Benzo(g,h,i)perylene	27.37	276	11887	0.859	ng	95

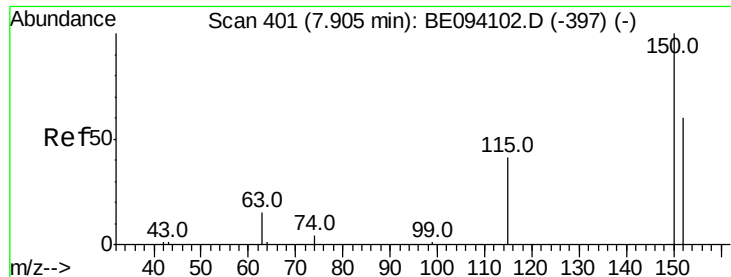
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
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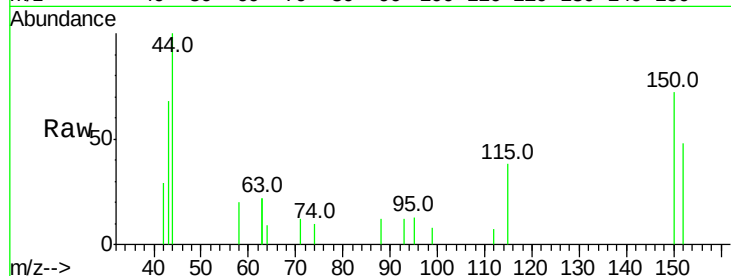


#1

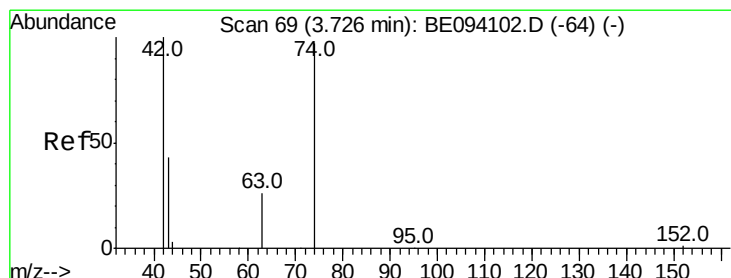
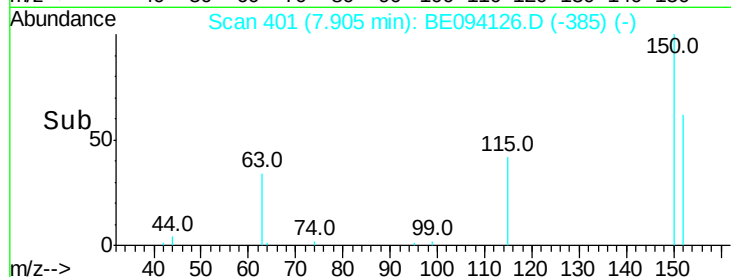
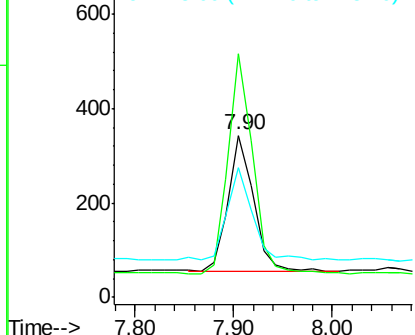
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 511
Ion Ratio Lower Upper
152 100
150 150.4 117.2 175.8
115 79.9 57.0 85.6



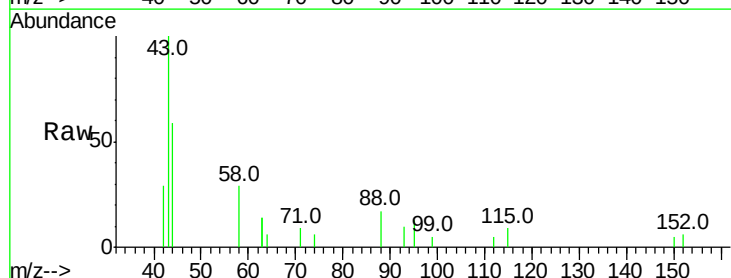
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



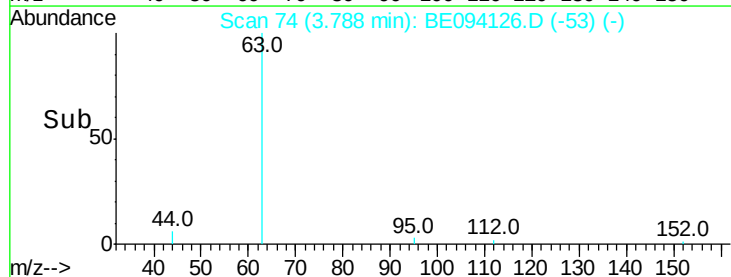
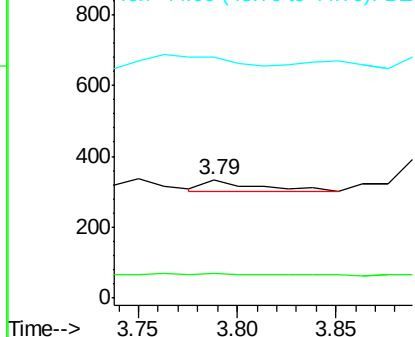
#3

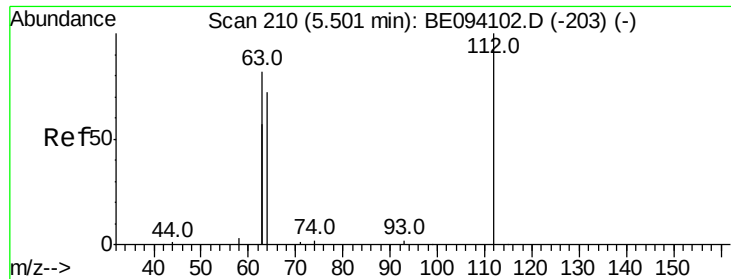
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.79 min Scan# 74
Delta R.T. 0.06 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Tgt Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
74 0.0 100.3 150.5#
44 0.0 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: 0.316 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampled :

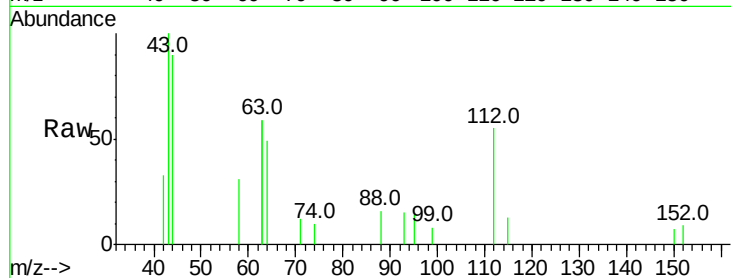
Tot Ion: 112 Resp: 612

Ion Ratio Lower Upper

112 100

64 76.1 60.1 90.1

63 158.2 116.8 175.2



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

Time-->

5.40 5.50 5.60 5.70

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5.40 5.50 5.60 5.70

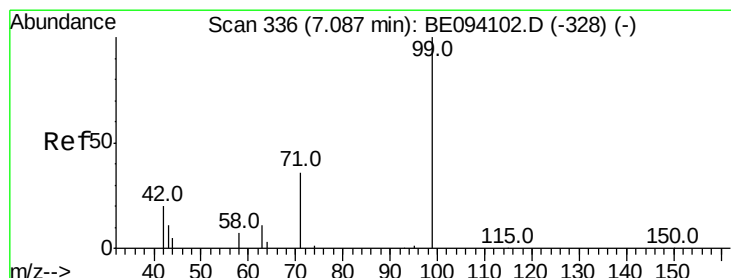
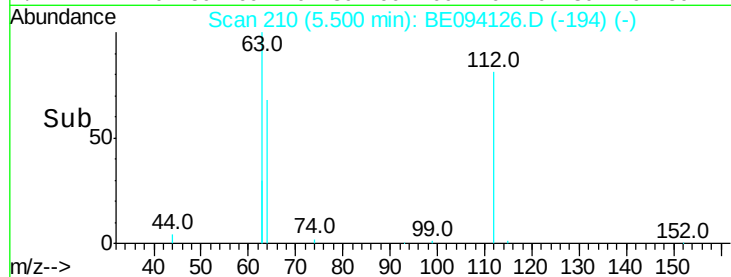
5.40 5.50 5.60 5.70

5.40 5.50 5.60 5.70

5.40 5.50 5.60 5.70

5.40 5.50 5.60 5.70

5.40 5.50 5.60 5.70



#5

Phenol-d6

Concen: 0.276 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

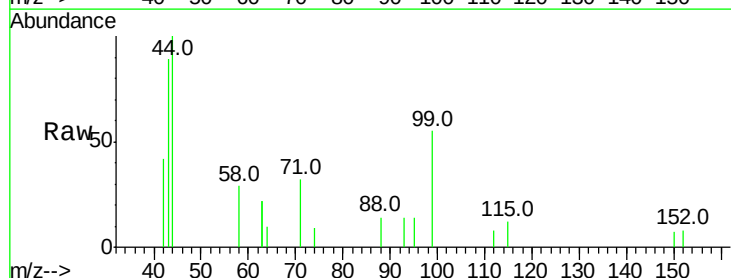
Tgt Ion: 99 Resp: 743

Ion Ratio Lower Upper

99 100

42 38.9 20.2 30.2#

71 38.5 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

Time-->

7.00 7.10 7.20

7.09

7.00 7.10 7.20

7.00 7.10 7.20

7.00 7.10 7.20

7.00 7.10 7.20

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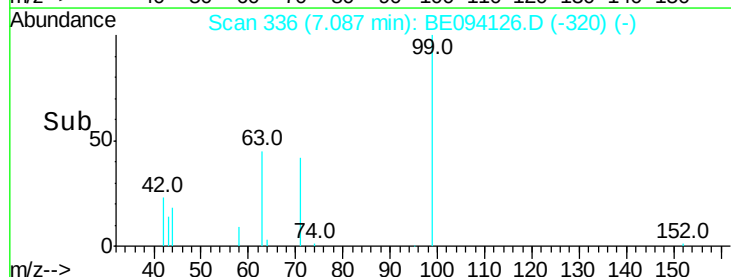
7.00 7.10 7.20

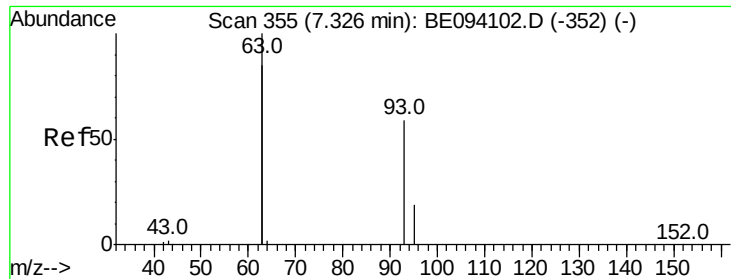
7.00 7.10 7.20

7.00 7.10 7.20

7.00 7.10 7.20

7.00 7.10 7.20





#6

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

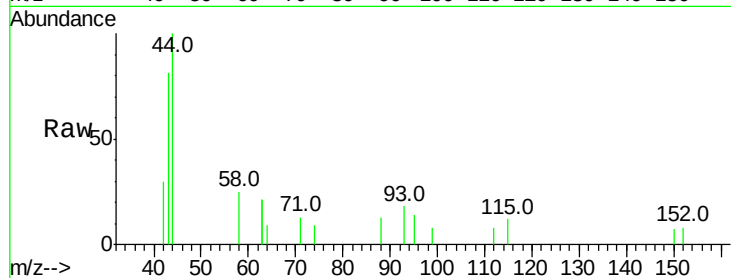
Tot Ion: 93 Resp: 55

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

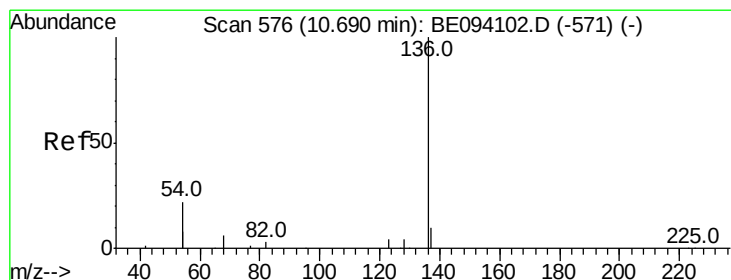
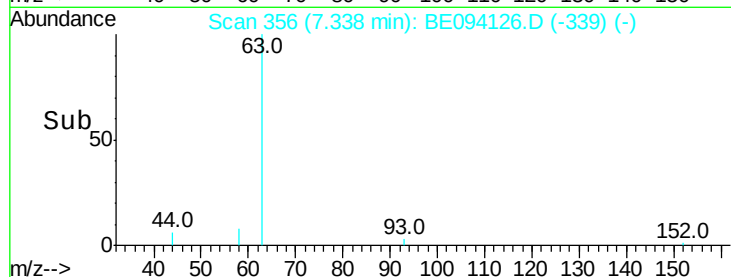
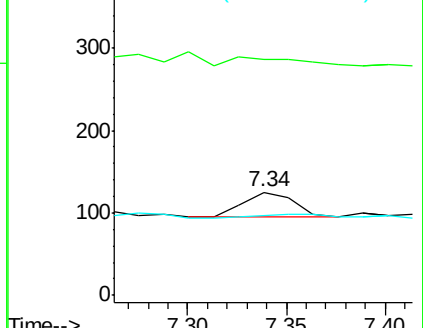
95 23.6 25.2 37.8#



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: BE094126.D

Acq: 26 Sep 2017 11:00

Tgt Ion: 136 Resp: 2525

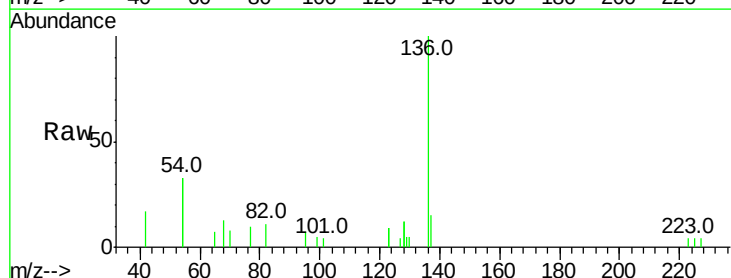
Ion Ratio Lower Upper

136 100

137 15.1 9.5 14.3#

54 66.8 29.1 43.7#

68 13.2 6.2 9.2#

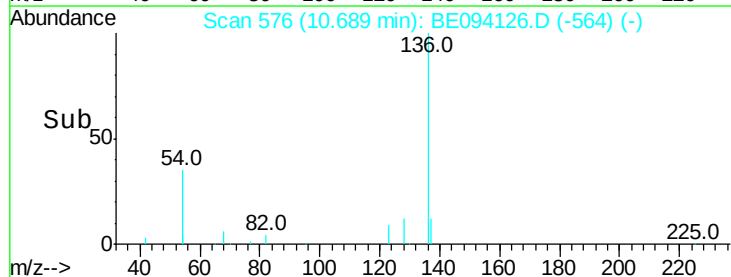
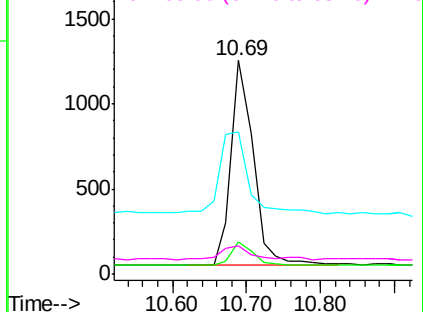


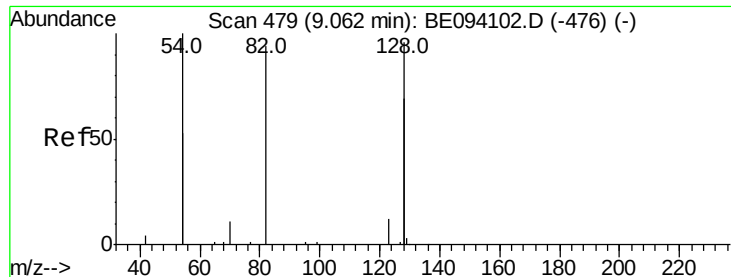
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

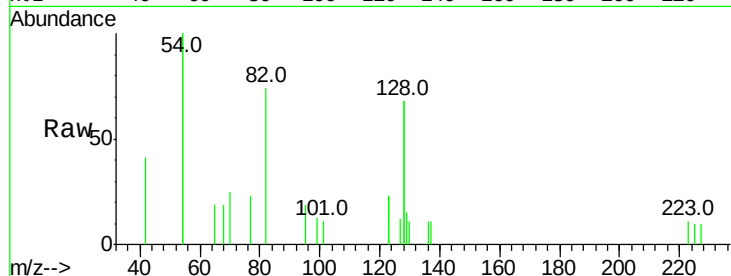
Tot Ion: 82 Resp: 679

Ion Ratio Lower Upper

82 100

128 182.1 150.0 225.0

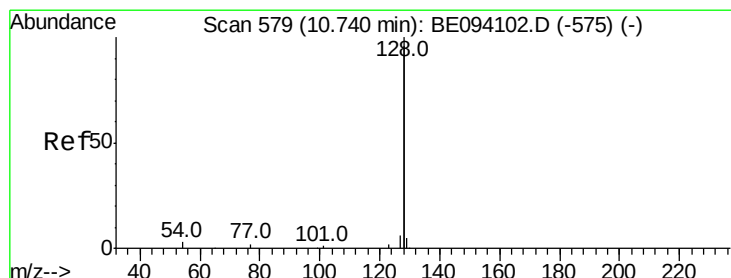
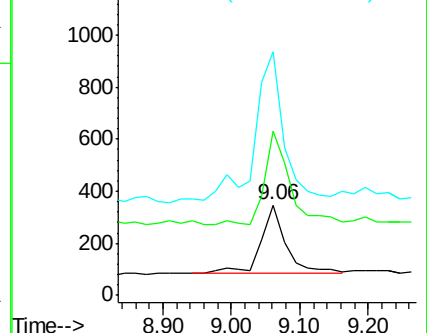
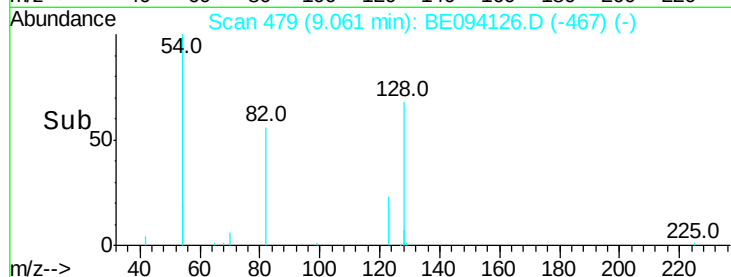
54 269.7 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094126.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094126.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094126.D (-467) (-)



#9

Naphthalene

Concen: 0.048 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

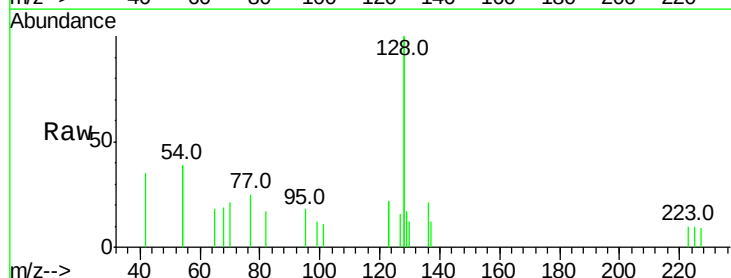
Tgt Ion: 128 Resp: 1378

Ion Ratio Lower Upper

128 100

129 8.3 2.6 3.8#

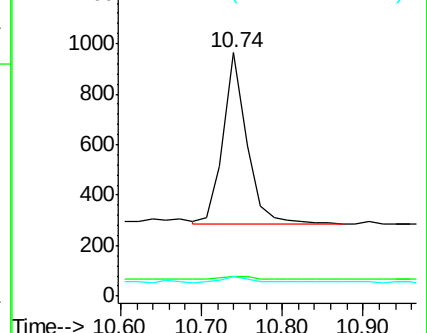
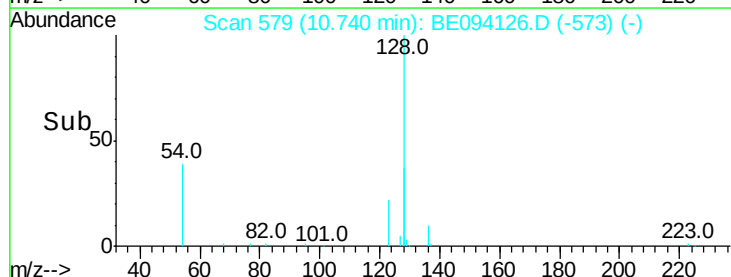
127 7.9 2.8 4.2#

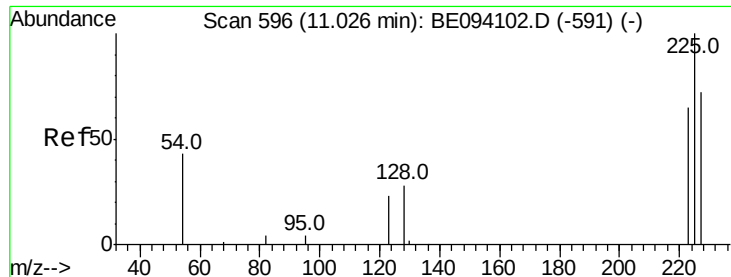


Abundance Ion 128.00 (127.70 to 128.70): BE094126.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE094126.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE094126.D (-573) (-)

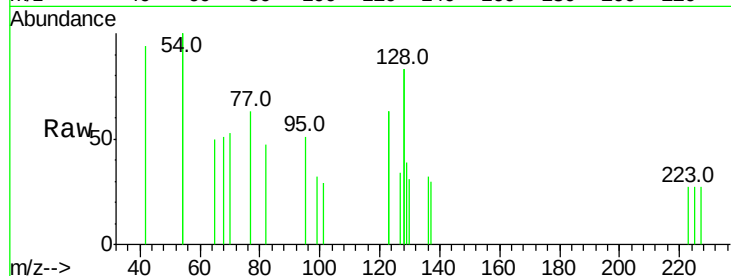




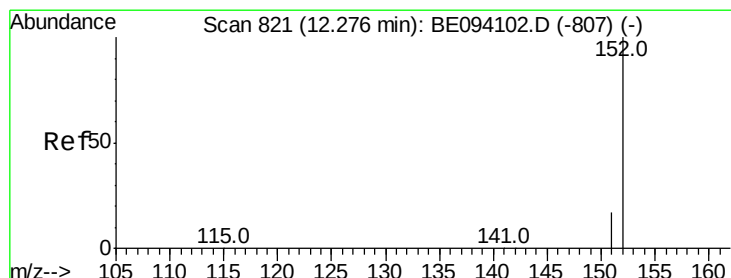
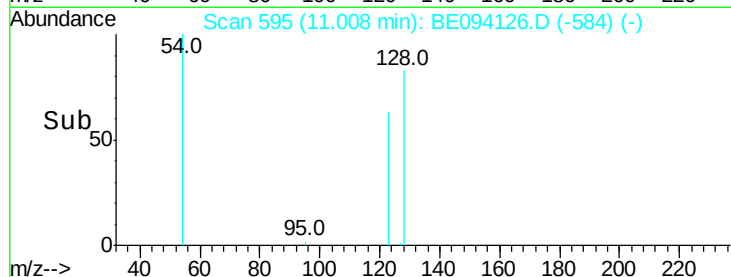
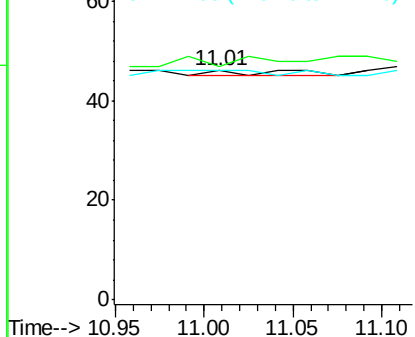
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 3
Ion Ratio Lower Upper
225 100
223 300.0 53.0 79.6#
227 0.0 51.4 77.2#

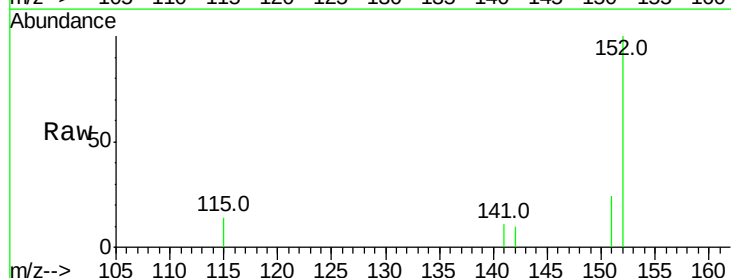


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

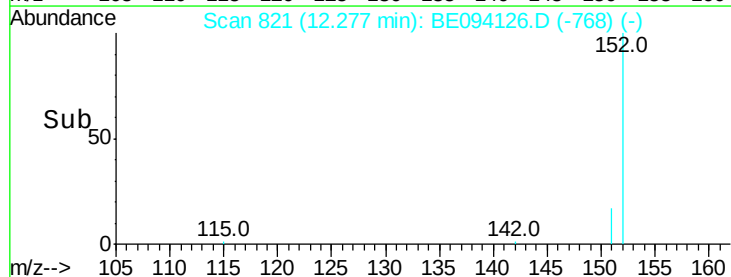
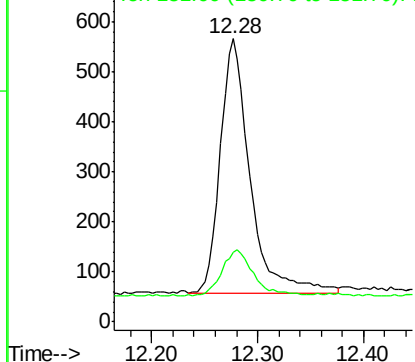


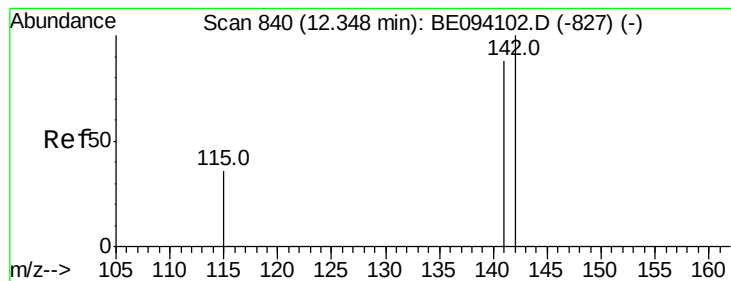
#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Tgt Ion:152 Resp: 990
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: 0.036 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampled :

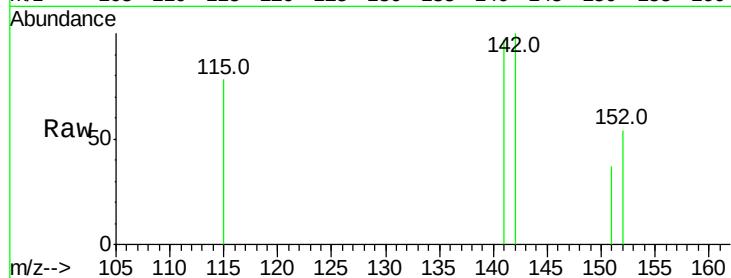
Tot Ion:142 Resp: 165

Ion Ratio Lower Upper

142 100

141 96.6 70.4 105.6

115 77.6 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.35

150

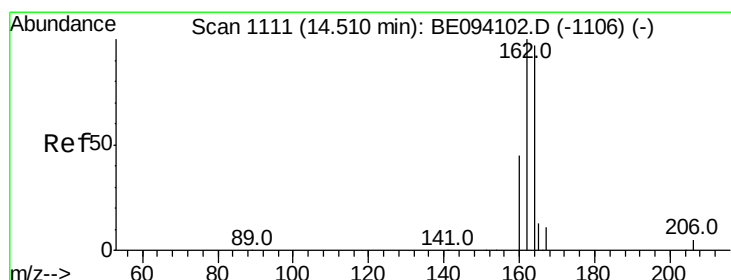
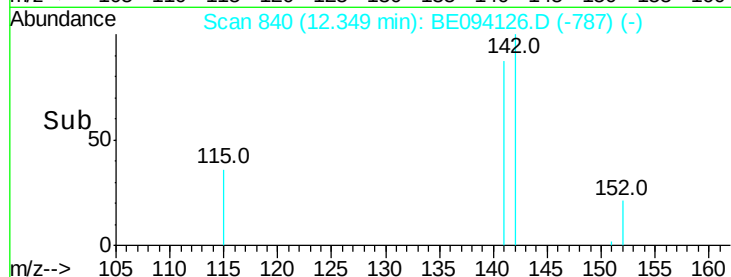
100

50

0

12.30 12.35 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

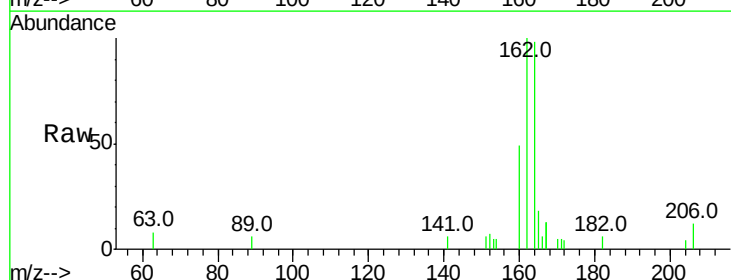
Tgt Ion:164 Resp: 1644

Ion Ratio Lower Upper

164 100

162 102.3 83.1 124.7

160 50.1 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

14.51

1500

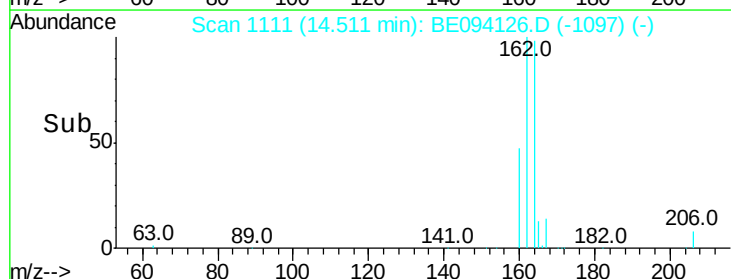
1000

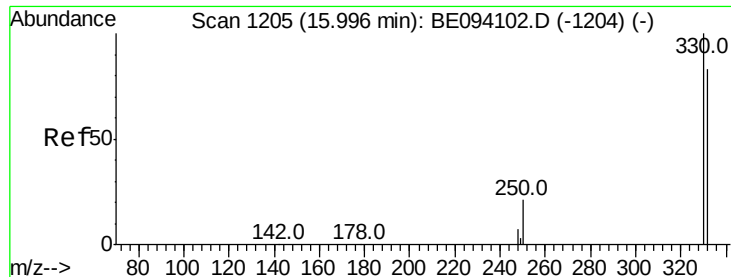
500

0

14.40 14.50 14.60

Time-->

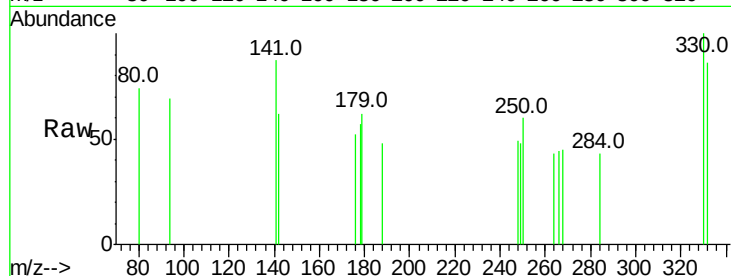




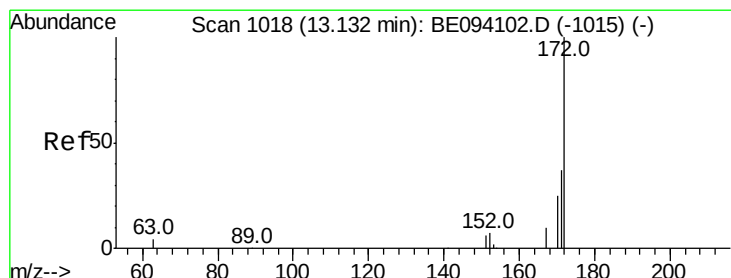
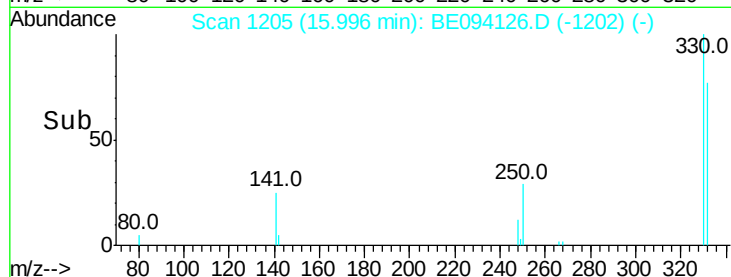
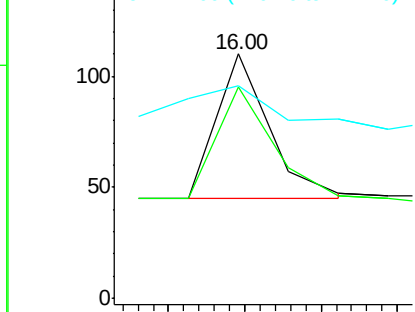
#14
 2,4,6-Tribromophenol
 Concen: 0.138 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE094126.D
 Acq: 26 Sep 2017 11:00

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 154
 Ion Ratio Lower Upper
 330 100
 332 82.5 152.7 229.1#
 141 0.0 33.7 50.5#

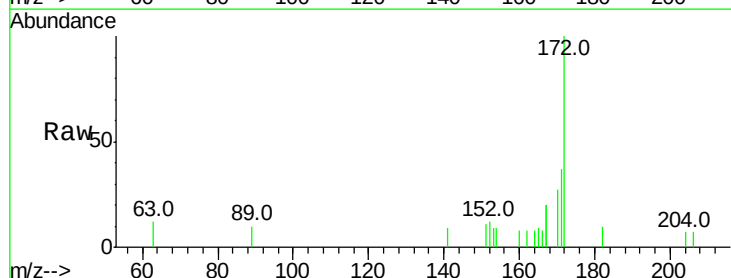


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

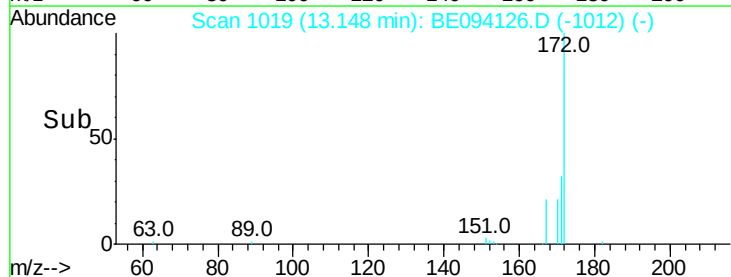
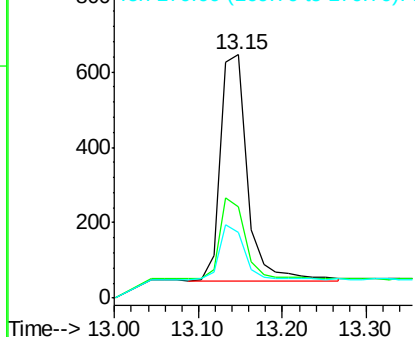


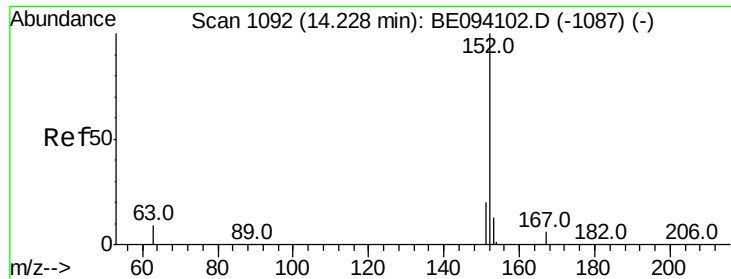
#15
 2-Fluorobiphenyl
 Concen: 0.245 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.02 min
 Lab File: BE094126.D
 Acq: 26 Sep 2017 11:00

Tgt Ion:172 Resp: 1333
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.9 44.9
 170 27.2 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: 0.206 ng

RT: 14.23 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

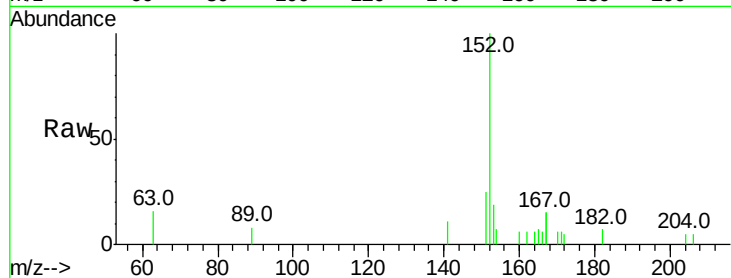
Tot Ion:152 Resp: 1700

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

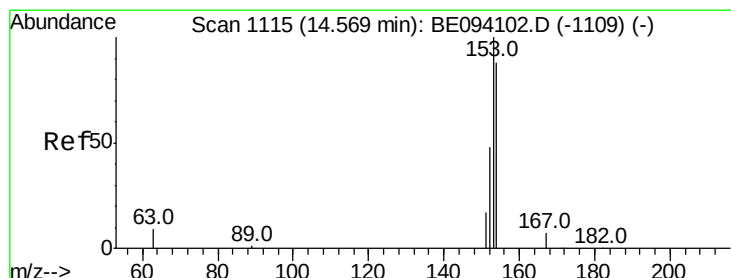
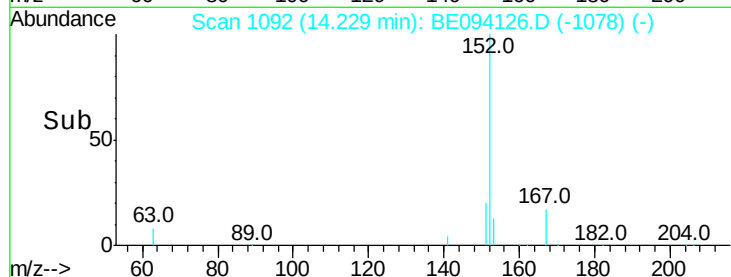
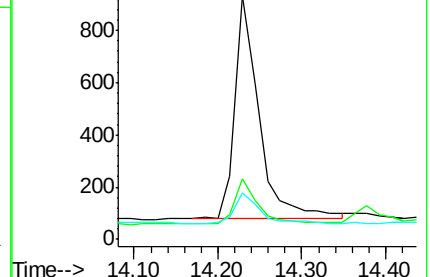
153 14.1 10.5 15.7



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: 0.059 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

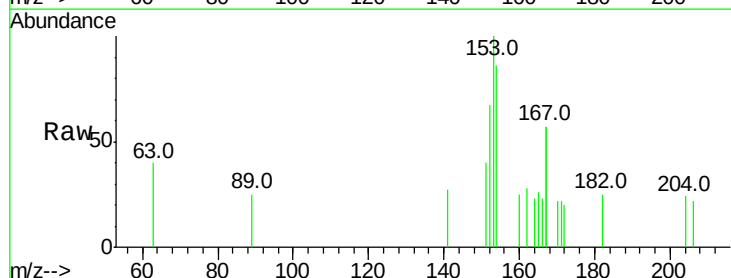
Tgt Ion:154 Resp: 305

Ion Ratio Lower Upper

154 100

153 107.9 89.2 133.8

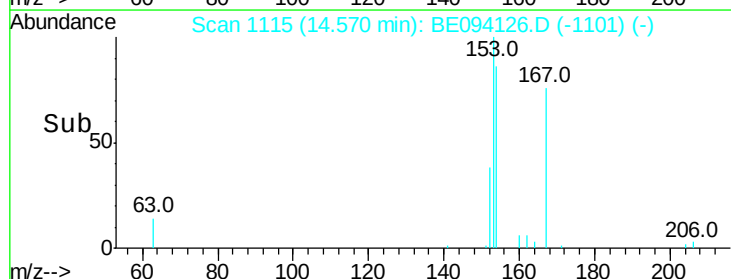
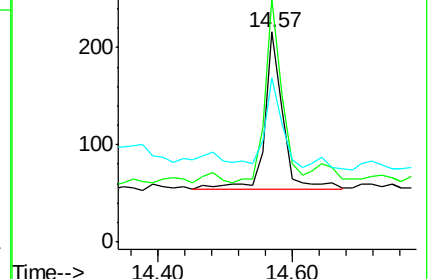
152 52.8 42.0 63.0

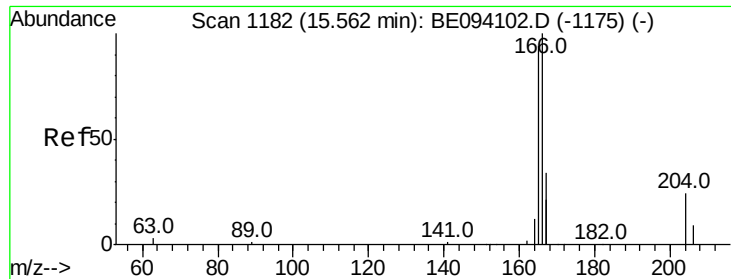


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.085 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

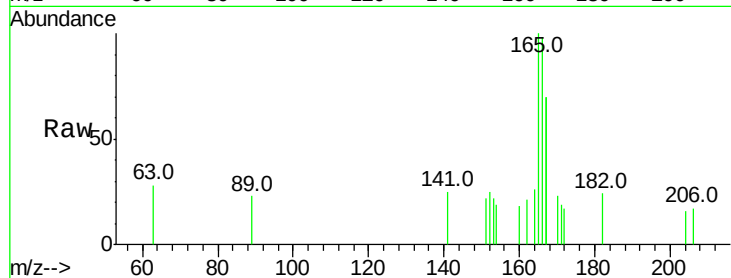
Tot Ion:166 Resp: 593

Ion Ratio Lower Upper

166 100

165 102.5 77.8 116.6

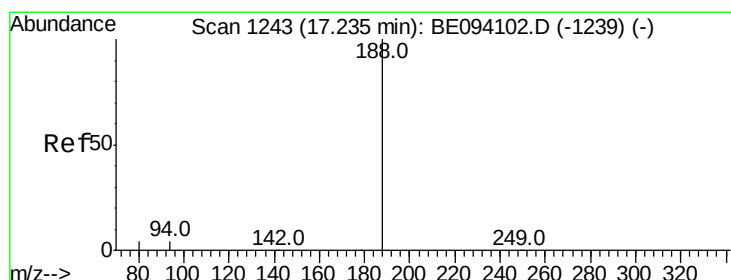
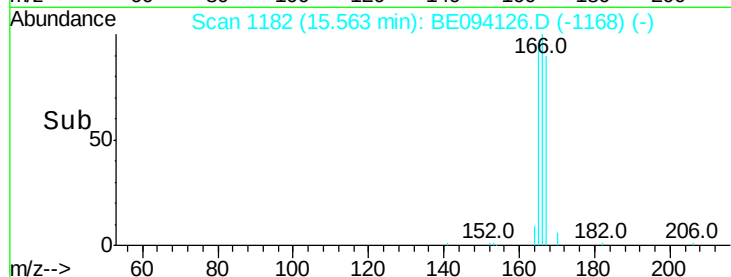
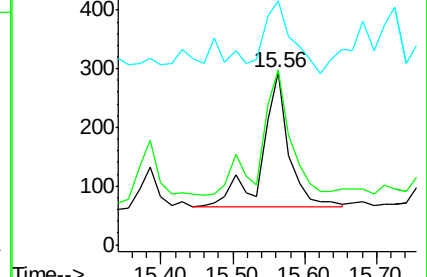
167 57.0 42.4 63.6



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: BE094126.D

Acq: 26 Sep 2017 11:00

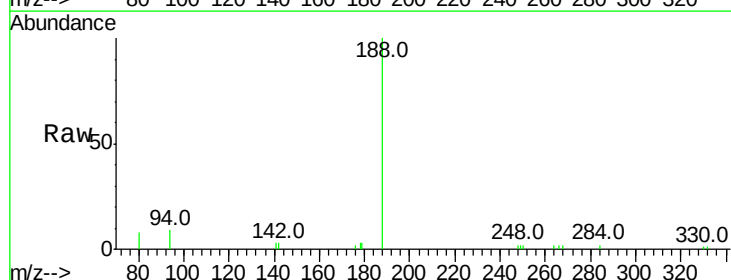
Tgt Ion:188 Resp: 6174

Ion Ratio Lower Upper

188 100

94 8.7 3.9 5.9#

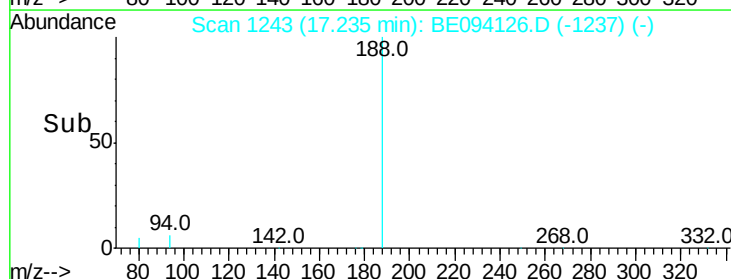
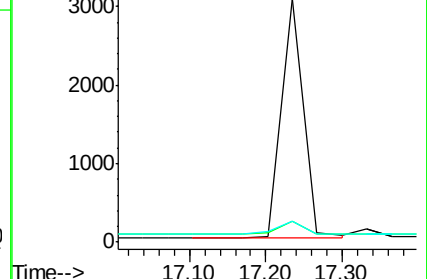
80 8.4 3.6 5.4#

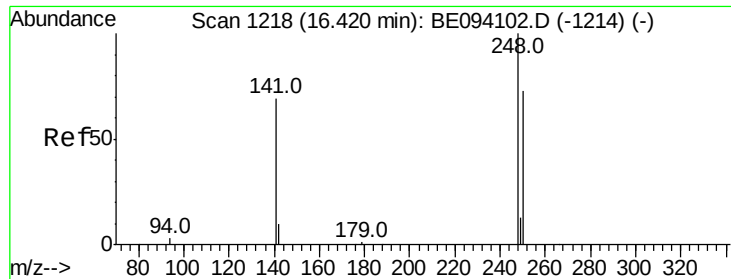


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

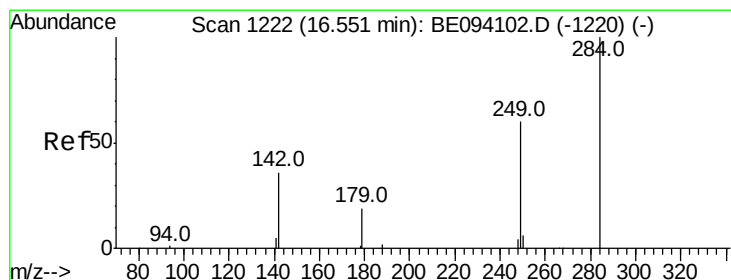
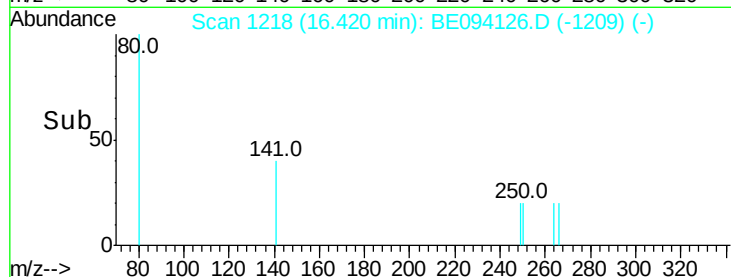
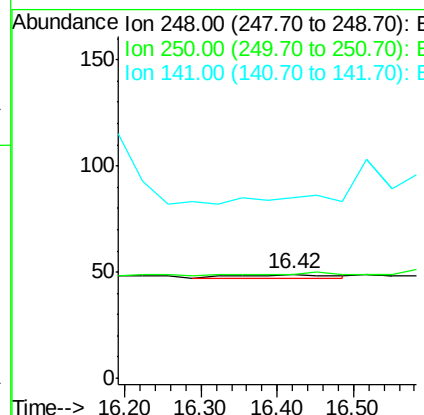
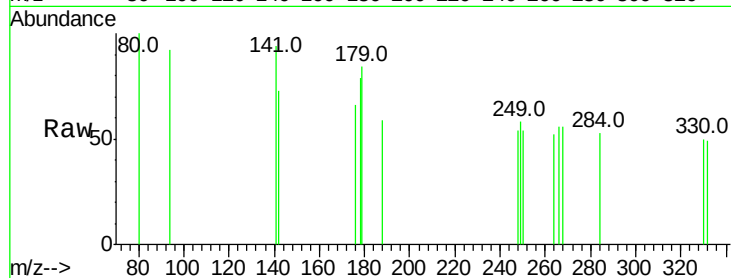




#20
4-Bromophenyl-phenylether
Concen: 0.006 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

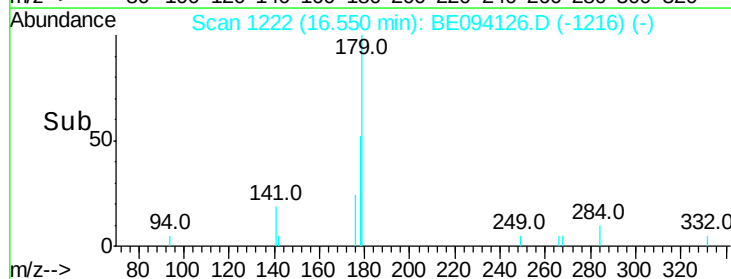
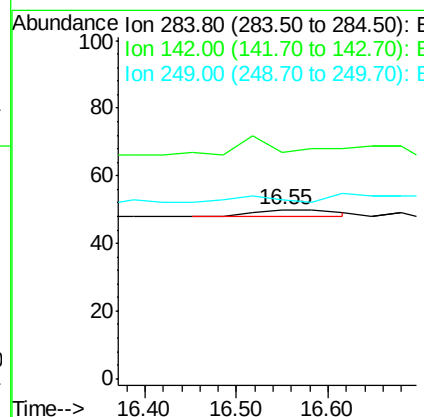
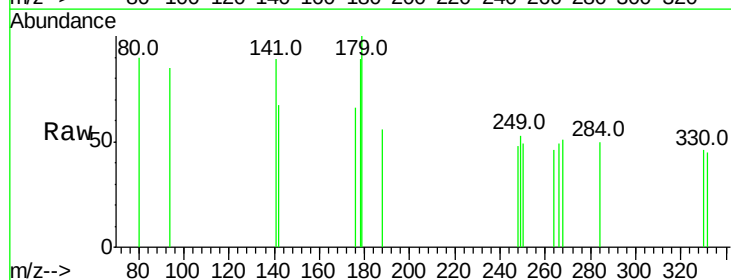
Instrument :
BNA_E
ClientSampled :

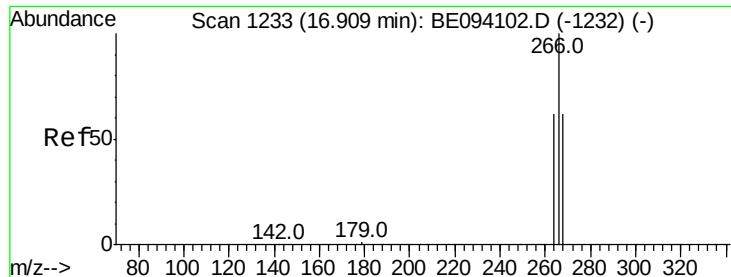
Tot Ion:248 Resp: 14
Ion Ratio Lower Upper
248 100
250 100.0 62.7 94.1#
141 173.5 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.008 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Tgt Ion:284 Resp: 12
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.004 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampled :

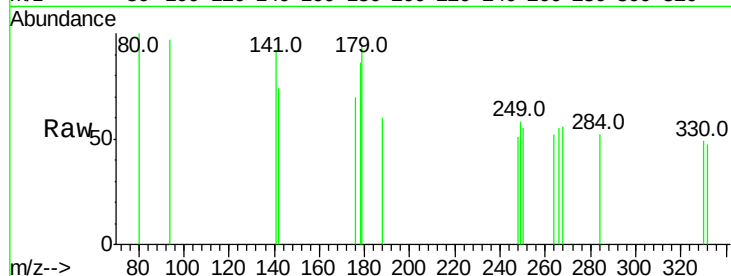
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 94.3 72.5 108.7

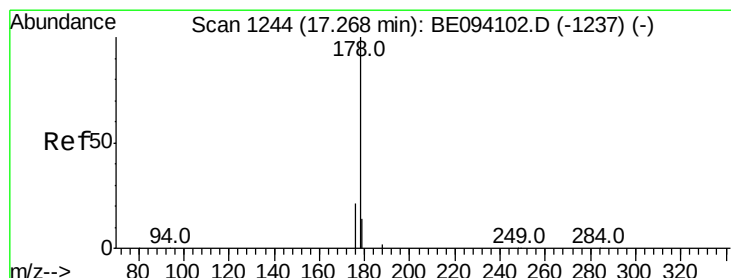
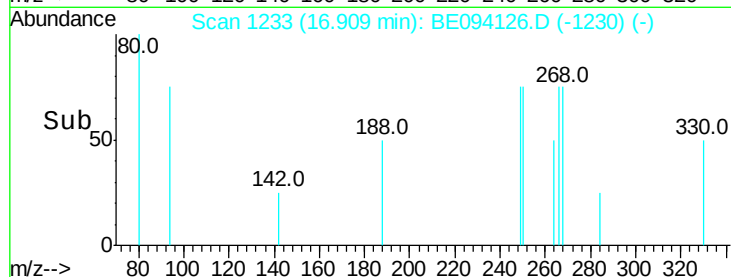
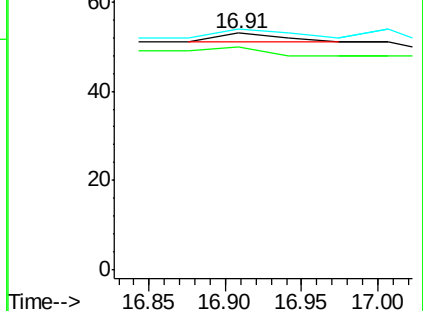
268 101.9 73.8 110.6



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: 0.946 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

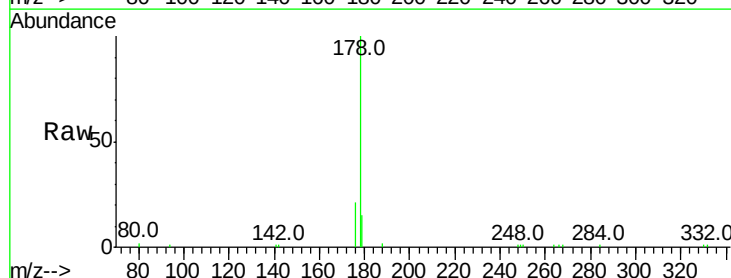
Tgt Ion:178 Resp: 14938

Ion Ratio Lower Upper

178 100

176 20.5 15.1 22.7

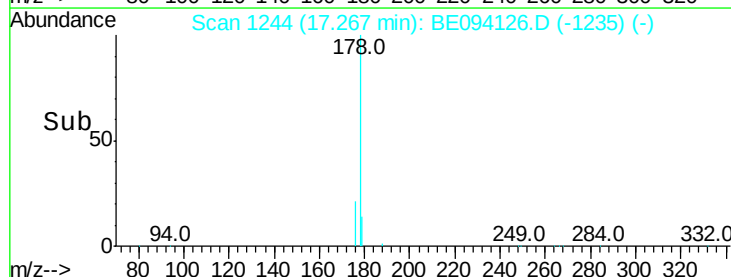
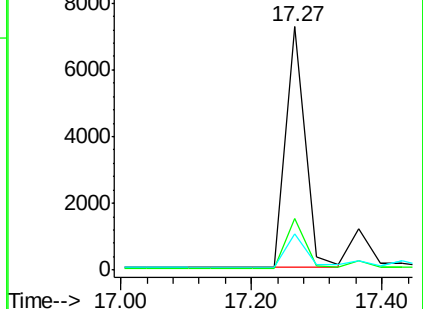
179 15.3 11.8 17.6

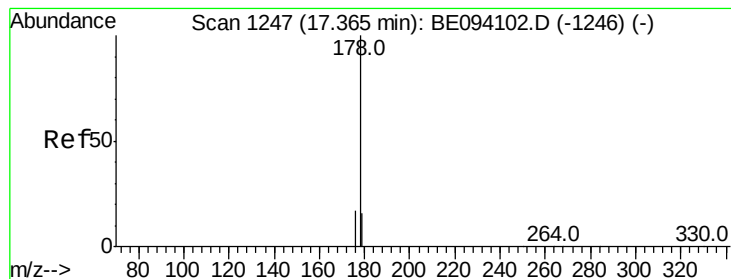


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.163 ng

RT: 17.36 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampled :

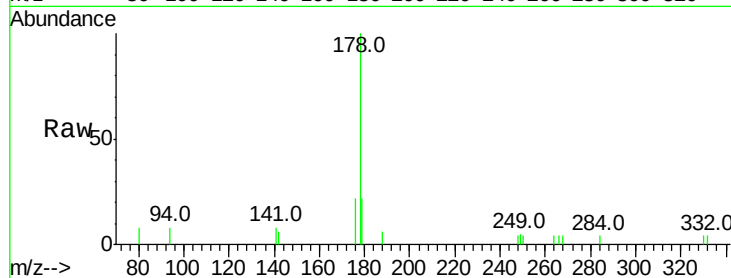
Tot Ion:178 Resp: 2693

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

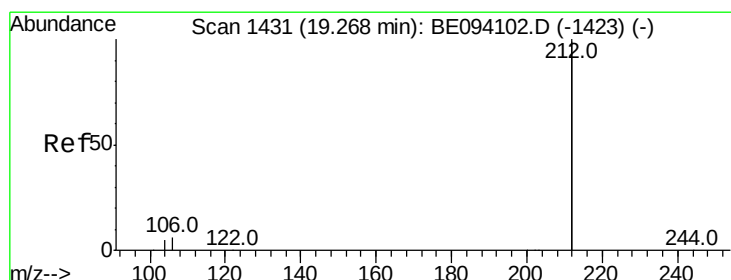
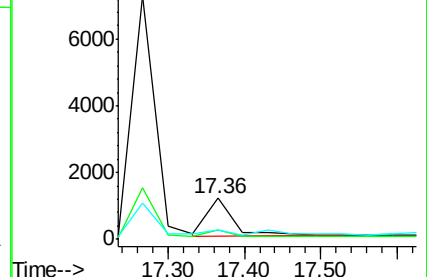
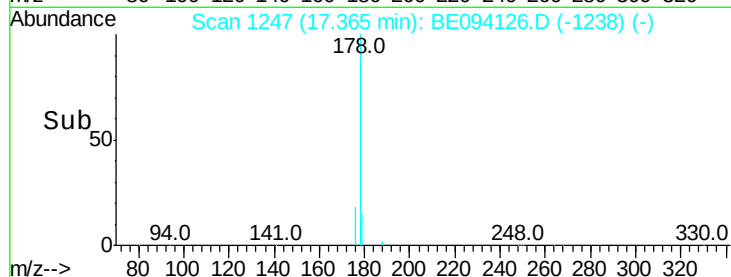
179 10.8 13.0 19.6#



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: 0.188 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

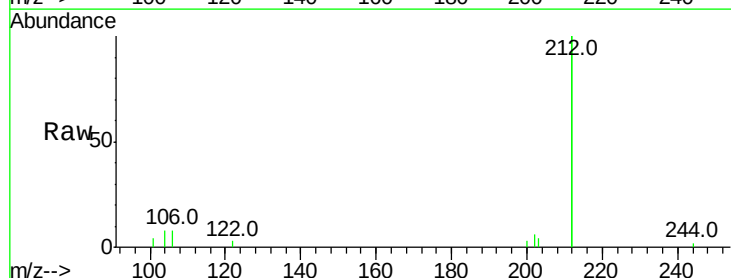
Tgt Ion:212 Resp: 11259

Ion Ratio Lower Upper

212 100

106 4.1 2.8 4.2

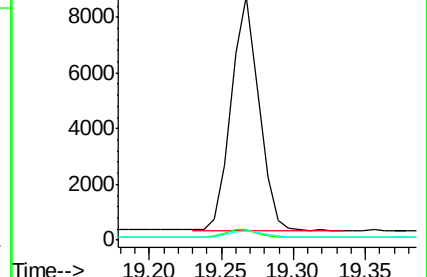
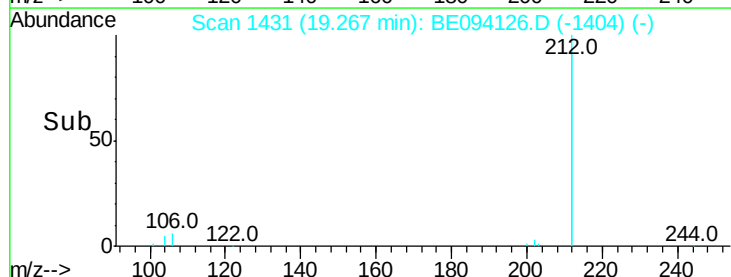
104 3.7 1.6 2.4#

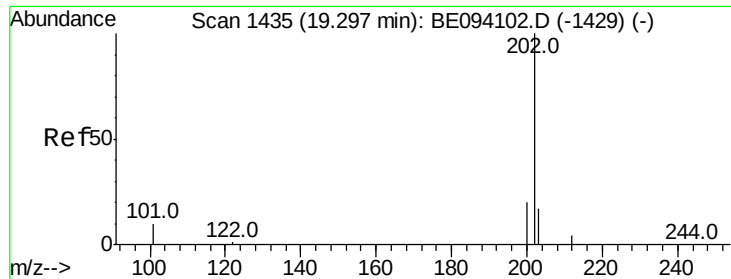


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

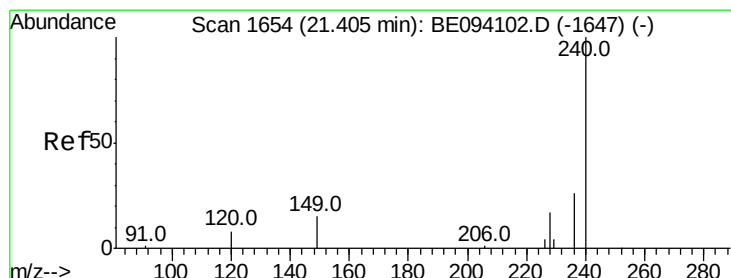
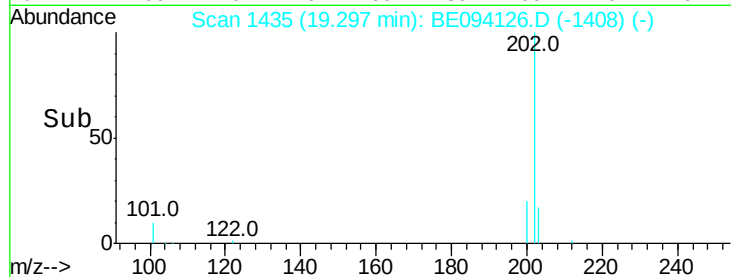
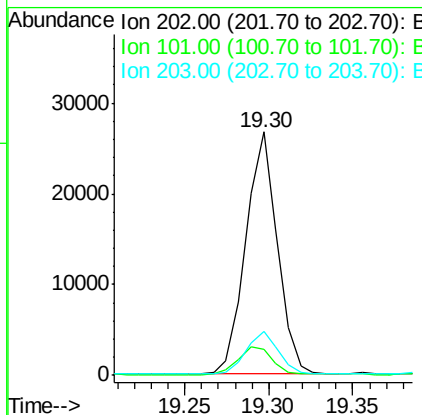
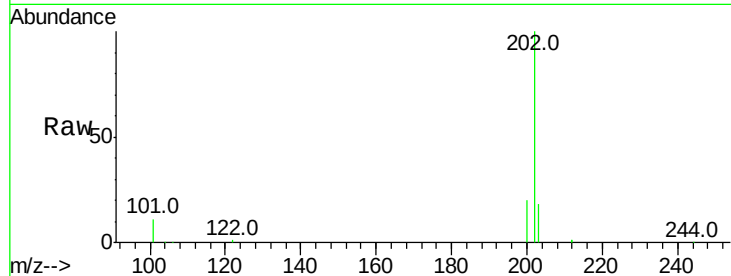




#26
 Fluoranthene
 Concen: 1.972 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE094126.D
 Acq: 26 Sep 2017 11:00

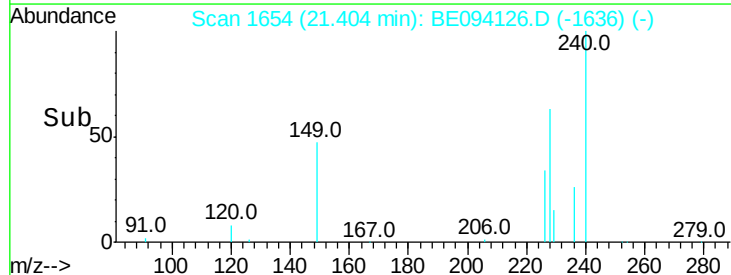
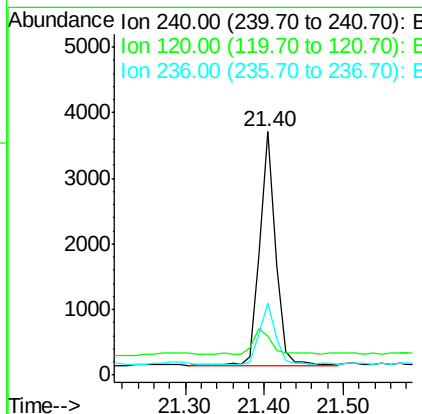
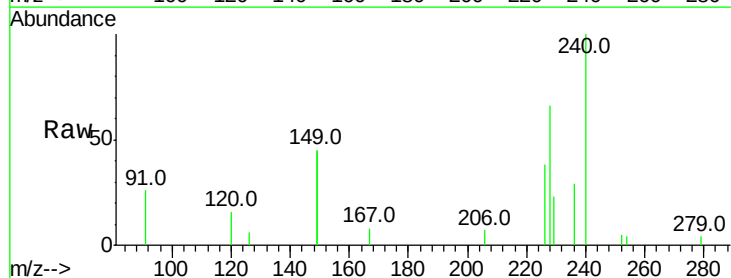
Instrument :
 BNA_E
 ClientSampleId :

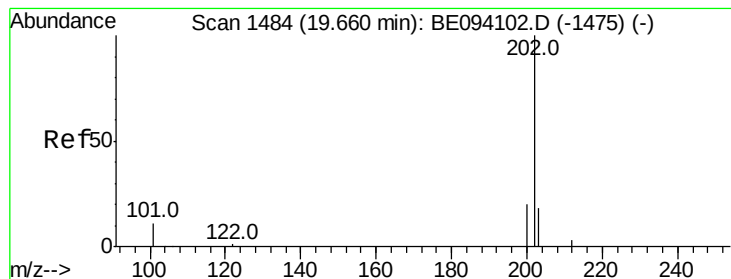
Tot Ion:202 Resp: 34898
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.8 14.8
 203 17.5 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094126.D
 Acq: 26 Sep 2017 11:00

Tgt Ion:240 Resp: 4887
 Ion Ratio Lower Upper
 240 100
 120 15.9 5.5 8.3#
 236 29.4 20.7 31.1





#28

Pvrene

Concen: 2.286 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

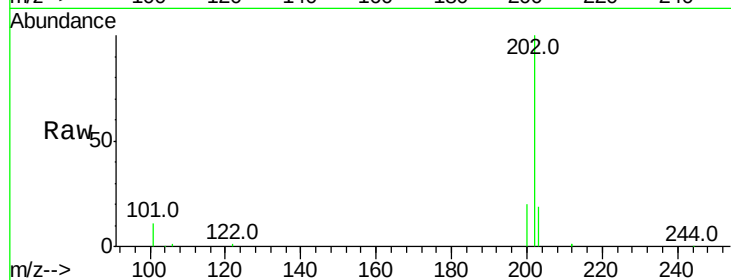
Tot Ion:202 Resp: 35405

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

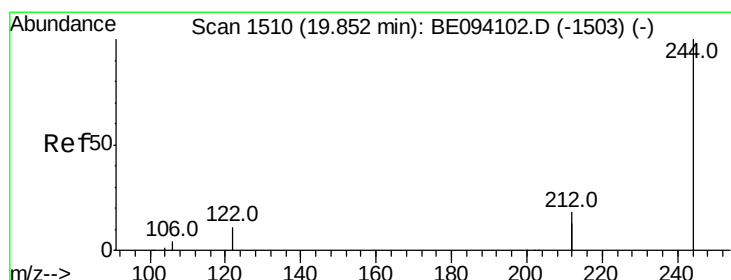
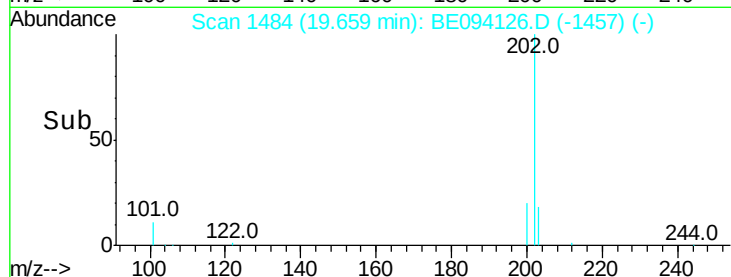
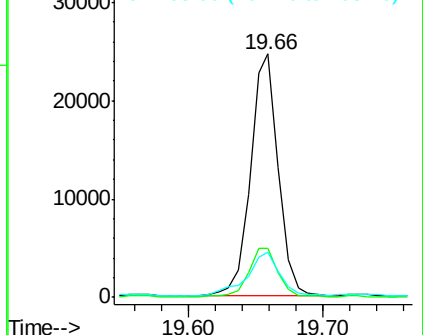
203 21.2 13.8 20.8#



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: 0.194 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

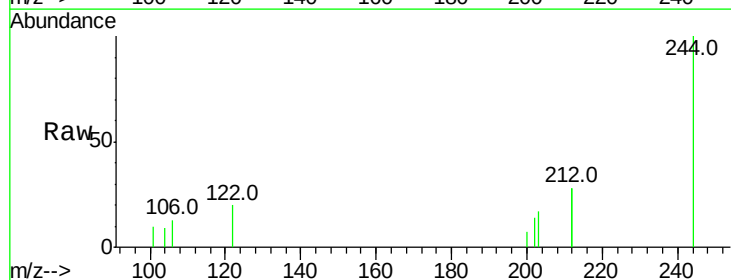
Tgt Ion:244 Resp: 1730

Ion Ratio Lower Upper

244 100

212 56.4 25.4 38.0#

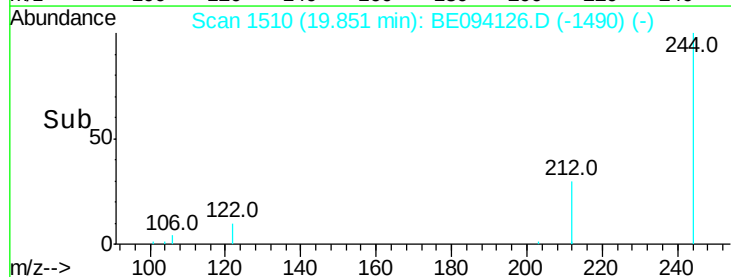
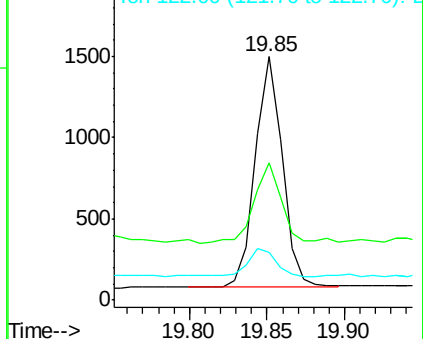
122 19.6 8.1 12.1#

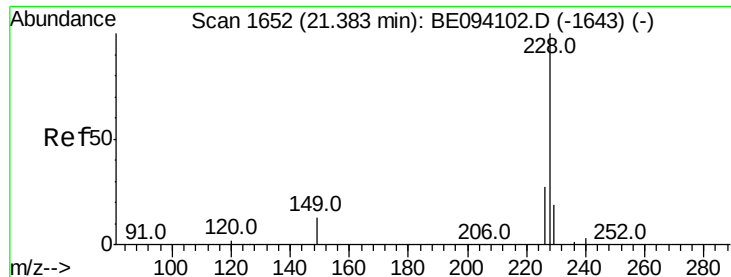


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 1.026 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

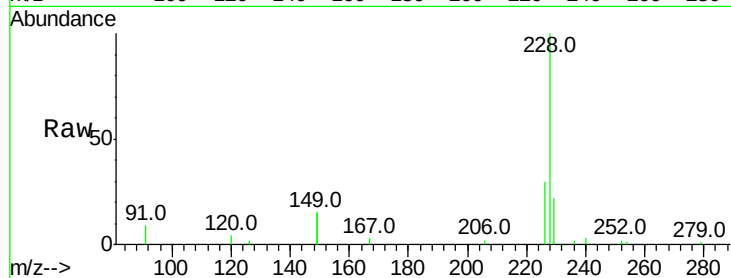
Tot Ion:228 Resp: 16879

Ion Ratio Lower Upper

228 100

226 29.5 21.4 32.0

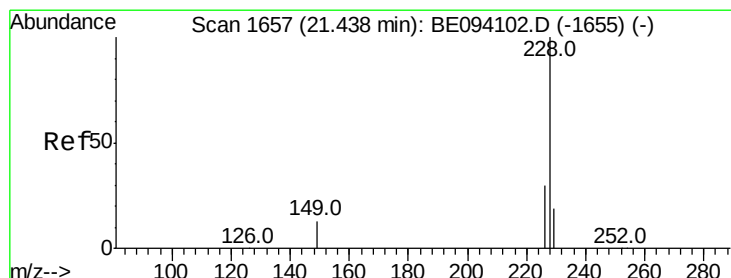
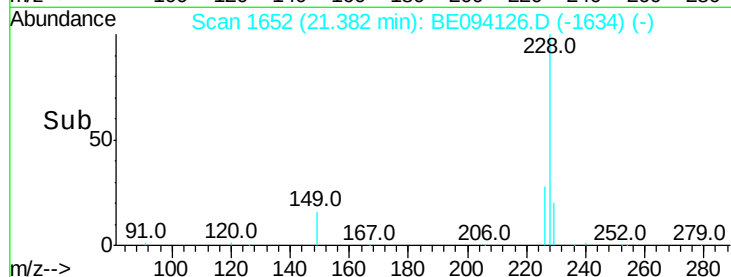
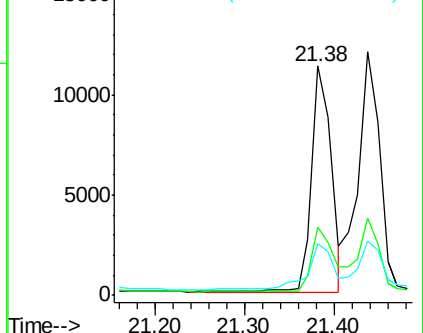
229 22.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 1.261 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

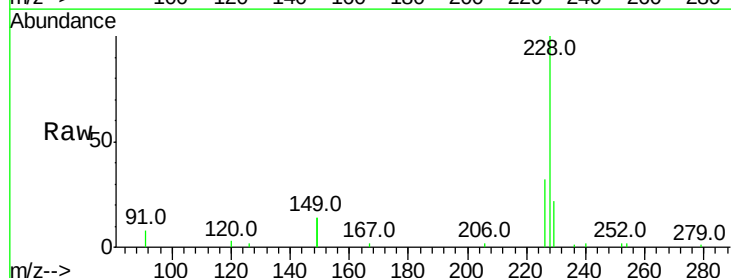
Tgt Ion:228 Resp: 20032

Ion Ratio Lower Upper

228 100

226 31.5 23.6 35.4

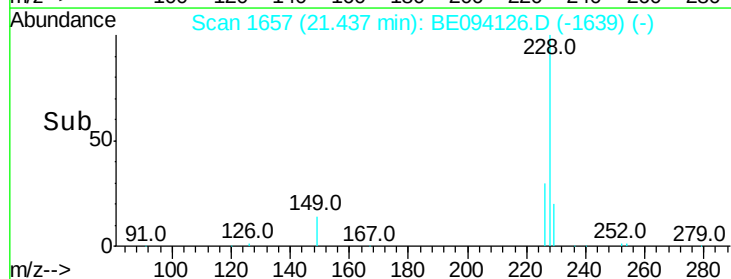
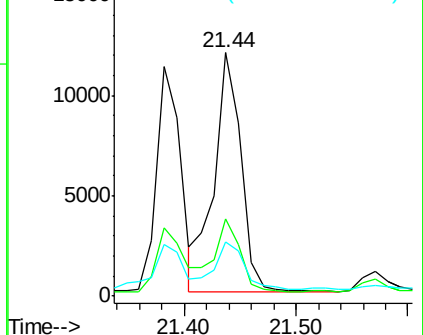
229 22.1 16.4 24.6

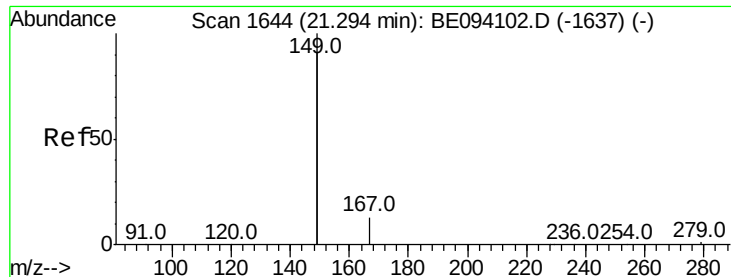


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

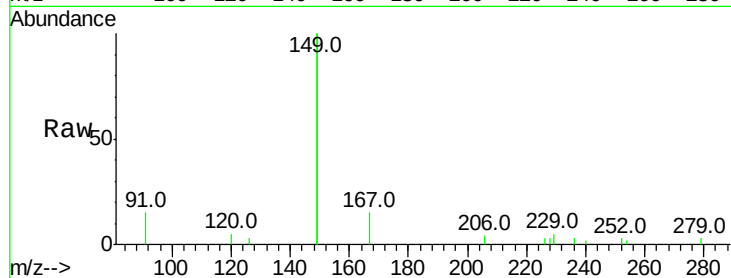
Tot Ion:149 Resp: 14637

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

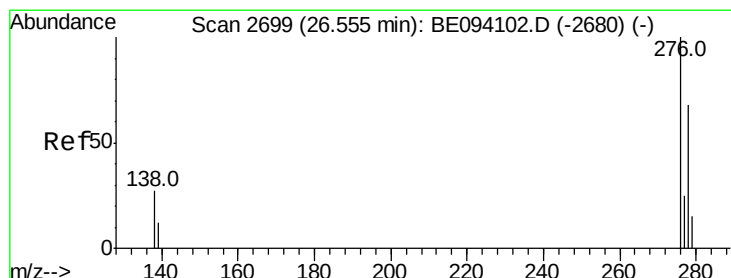
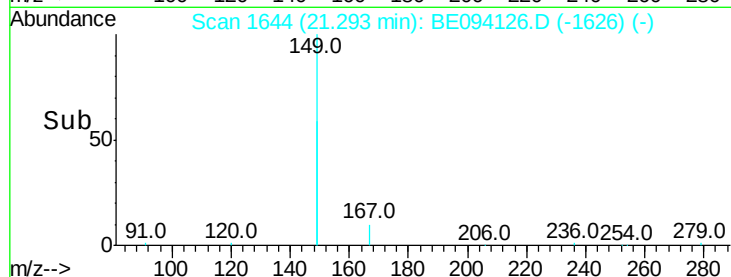
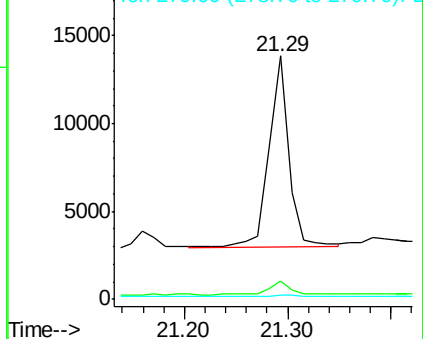
279 1.0 0.7 1.1



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: 0.653 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

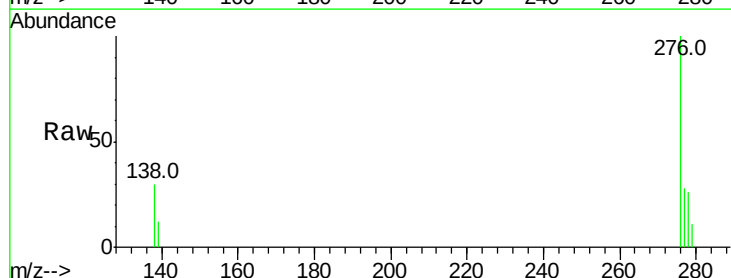
Tgt Ion:276 Resp: 11090

Ion Ratio Lower Upper

276 100

138 24.7 22.5 33.7

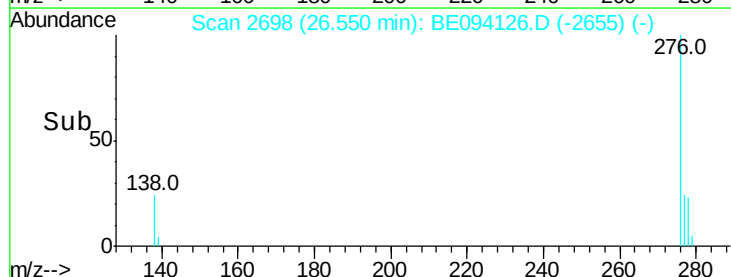
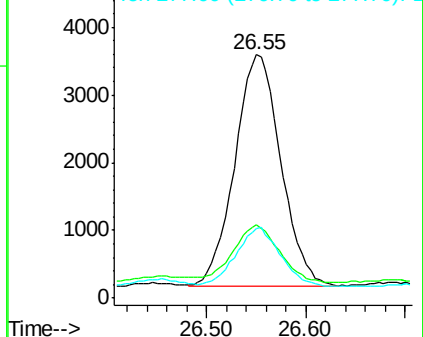
277 24.4 19.9 29.9

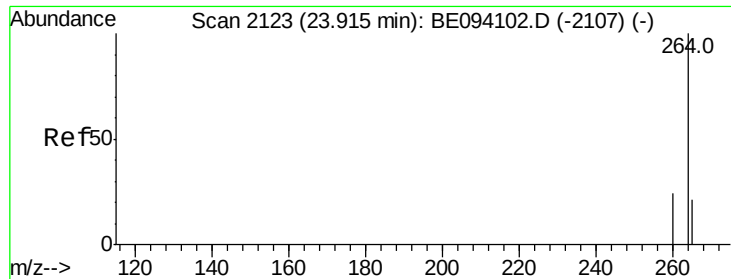


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

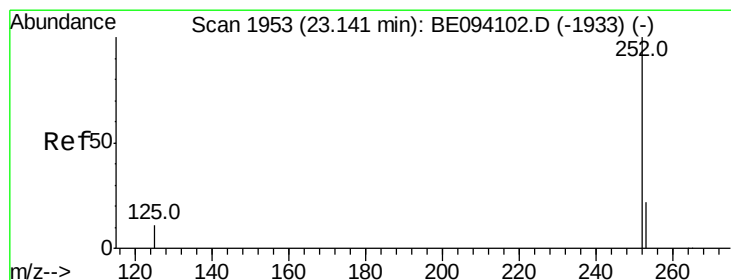
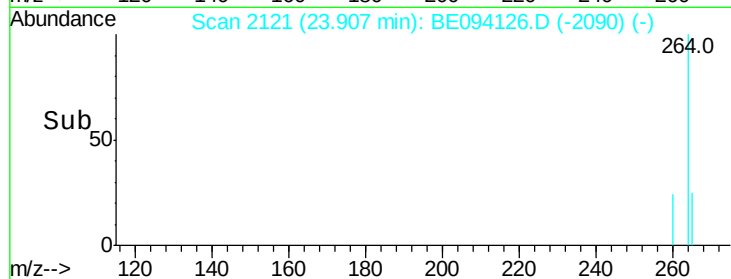
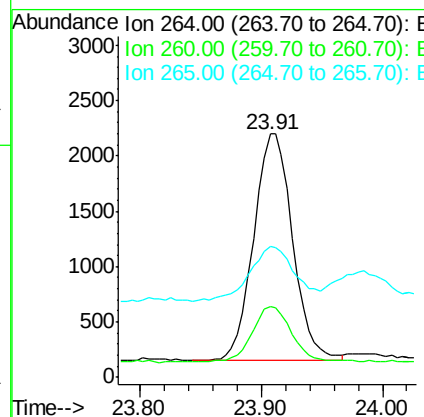
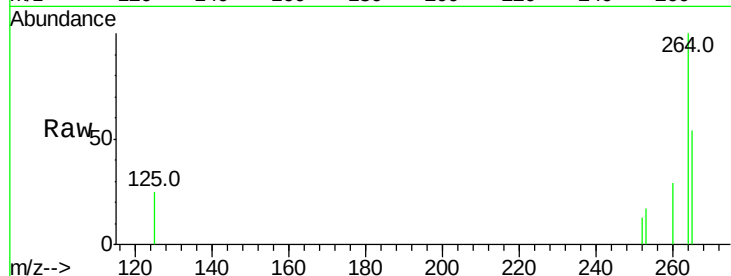




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

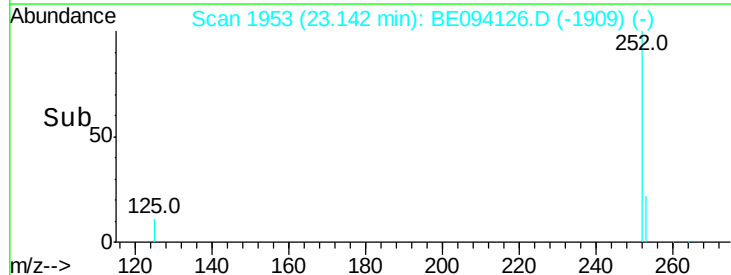
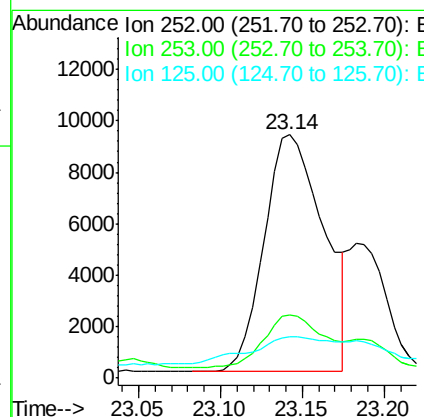
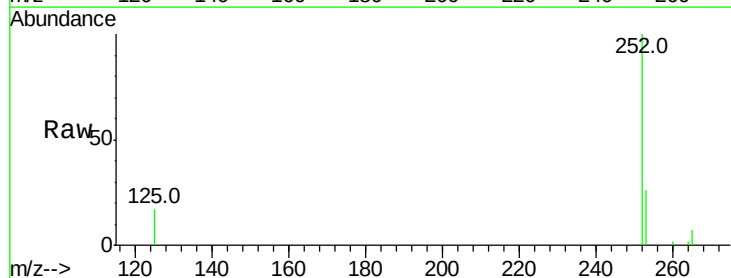
Instrument :
BNA_E
ClientSampled :

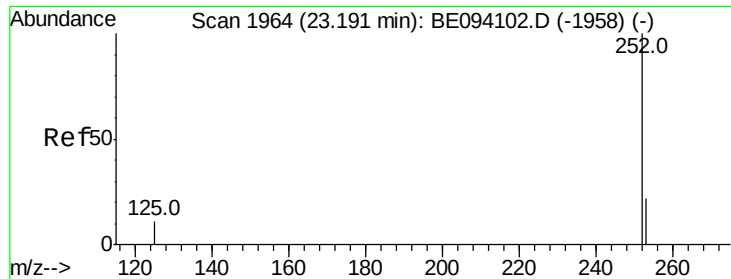
Tot Ion:264 Resp: 4529
Ion Ratio Lower Upper
264 100
260 29.0 20.5 30.7
265 53.8 22.8 34.2#



#35
Benzo(b)fluoranthene
Concen: 1.427 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Tgt Ion:252 Resp: 23315
Ion Ratio Lower Upper
252 100
253 25.9 18.2 27.2
125 16.9 10.1 15.1#





#36

Benzo(k)fluoranthene

Concen: 1.490 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

Instrument :

BNA_E

ClientSampleId :

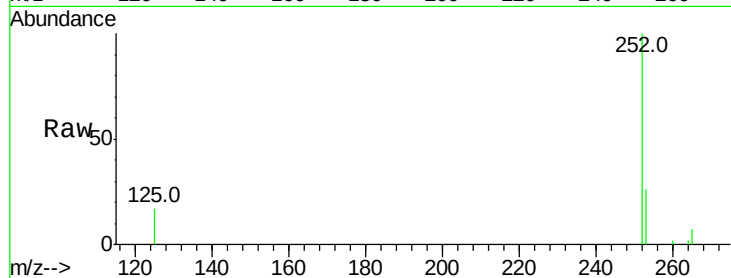
Tot Ion:252 Resp: 23315

Ion Ratio Lower Upper

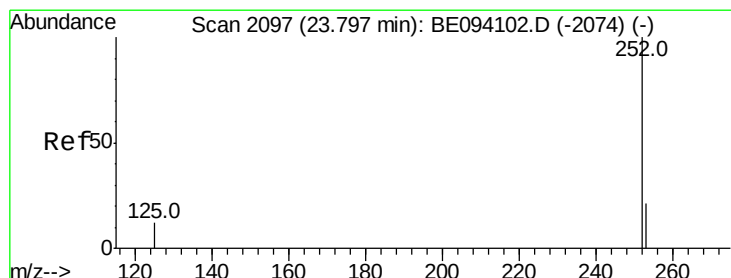
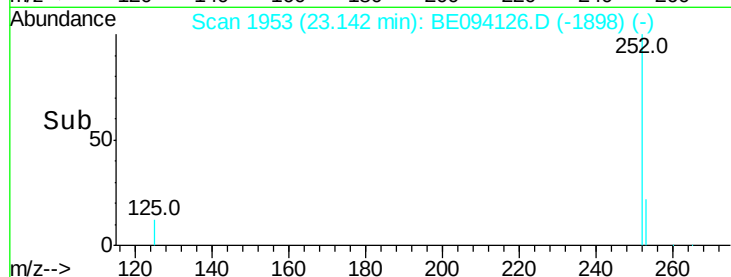
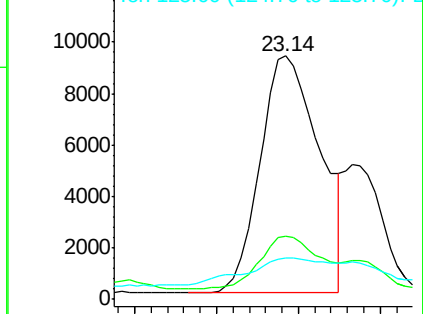
252 100

253 25.9 18.6 27.8

125 16.9 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: 1.102 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094126.D

Acq: 26 Sep 2017 11:00

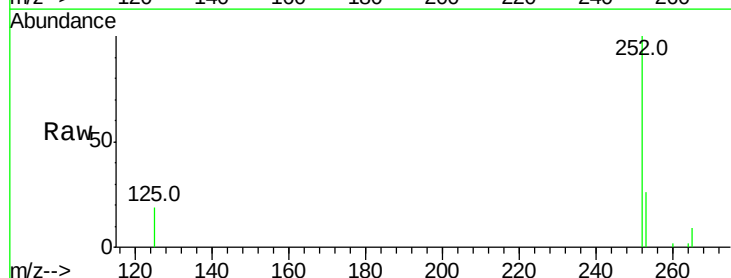
Tgt Ion:252 Resp: 16267

Ion Ratio Lower Upper

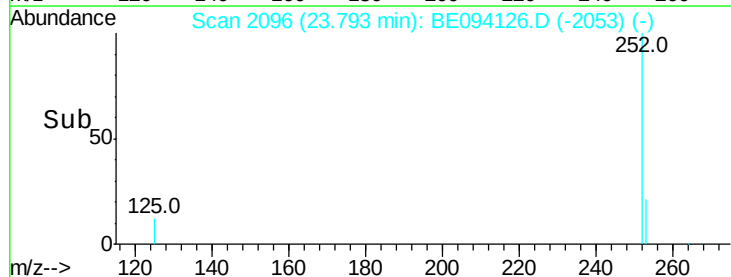
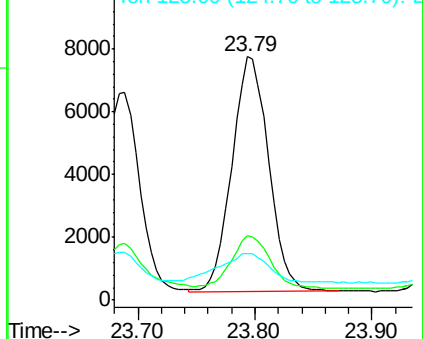
252 100

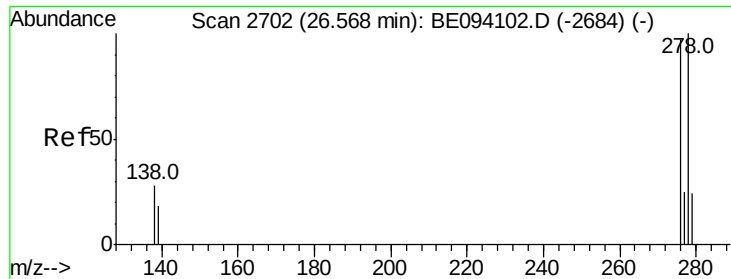
253 26.5 19.0 28.6

125 19.1 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



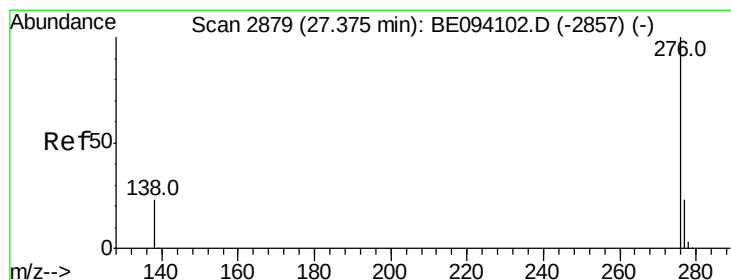
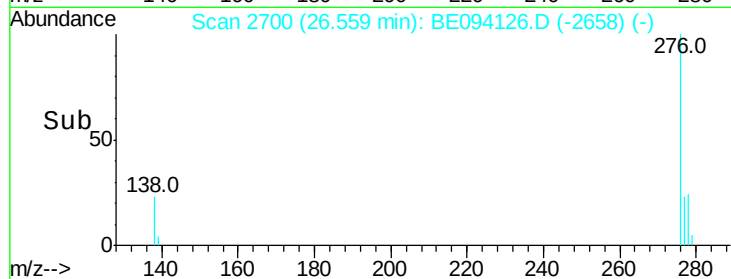
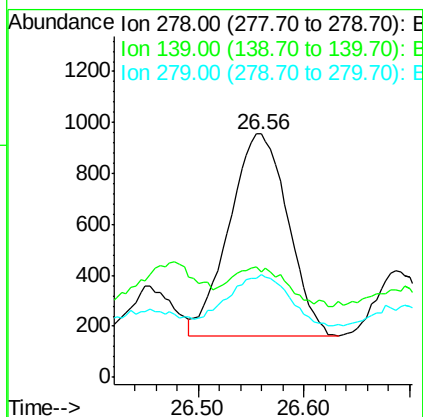
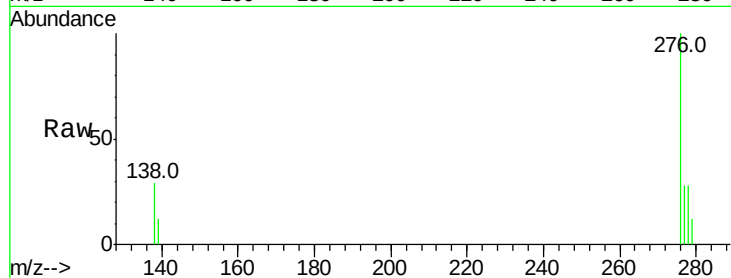


#38
Dibenzo(a,h)anthracene
Concen: 0.220 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3082

Ion	Ratio	Lower	Upper
278	100		
139	43.0	16.3	24.5#
279	41.9	19.9	29.9#



#39
Benzo(g,h,i)perylene
Concen: 0.859 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094126.D
Acq: 26 Sep 2017 11:00

Tgt Ion:276 Resp: 11887

Ion	Ratio	Lower	Upper
276	100		
277	27.9	20.8	31.2
138	29.7	21.5	32.3

