

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094109.D
 Acq On : 25 Sep 2017 19:17
 Operator : SJ/JU
 Sample : I5340-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LT-TS-006RE

Quant Time: Sep 26 01:35:45 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	20	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	51	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	58	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	442	0.40	ng	0.00
27) Chrysene-d12	21.42	240	87	0.40	ng	0.01
34) Perylene-d12	23.92	264	8	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	23	0.30	ng	0.00
5) Phenol-d6	7.10	99	41	0.39	ng	0.01
8) Nitrobenzene-d5	9.06	82	52	1.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	29	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	14	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	34	0.18	ng	0.00
25) Fluoranthene-d10	19.27	212	176	0.04	ng	0.00
29) Terphenyl-d14	19.85	244	138	0.87	ng	0.00

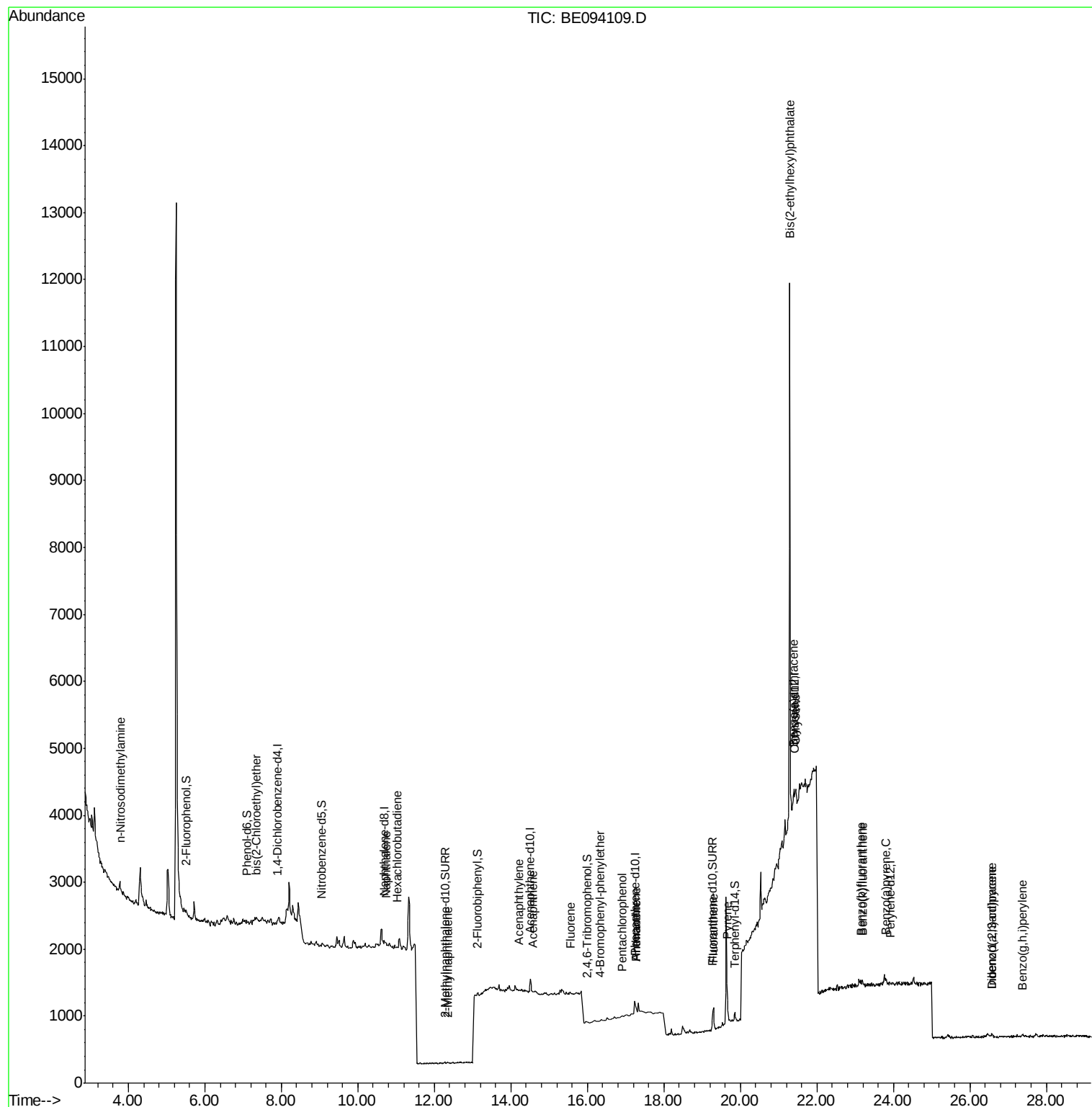
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.79	42	44	0.883	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	38	0.466	ng	# 1
9) Naphthalene	10.74	128	226	0.392	ng	# 50
10) Hexachlorobutadiene	11.03	225	9	0.417	ng	# 49
12) 2-Methylnaphthalene	12.35	142	2	0.021	ng	# 44
16) Acenaphthylene	14.21	152	65	0.224	ng	# 61
17) Acenaphthene	14.57	154	12	0.066	ng	# 1
18) Fluorene	15.56	166	33	0.134	ng	# 1
20) 4-Bromophenyl-phenylether	16.32	248	12	0.066	ng	# 39
22) Pentachlorophenol	16.91	266	23	0.219	ng	# 96
23) Phenanthrene	17.27	178	211	0.187	ng	# 74
24) Anthracene	17.27	178	211	0.178	ng	# 74
26) Fluoranthene	19.30	202	327	0.258	ng	# 93
28) Pyrene	19.66	202	352	1.277	ng	# 94
30) Benzo(a)anthracene	21.39	228	150	0.512	ng	# 1
31) Chrysene	21.45	228	175	0.619	ng	# 2
32) Bis(2-ethylhexyl)phthalate	21.29	149	10693	15.846	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.58	276	56	0.185	ng	# 80
35) Benzo(b)fluoranthene	23.15	252	147	5.093	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	82	2.967	ng	# 1
37) Benzo(a)pyrene	23.81	252	76	2.914	ng	# 1
38) Dibenzo(a,h)anthracene	26.58	278	34	1.377	ng	# 1
39) Benzo(g,h,i)perylene	27.38	276	24	0.982	ng	# 1

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

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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: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

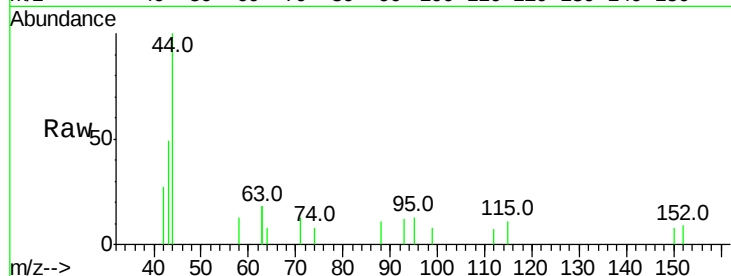
Tot Ion:152 Resp: 20

Ion Ratio Lower Upper

152 100

150 84.6 117.2 175.8#

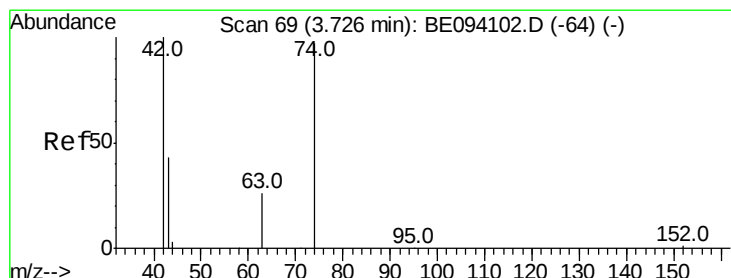
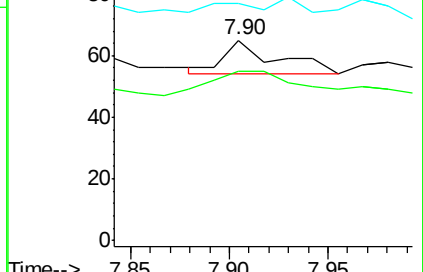
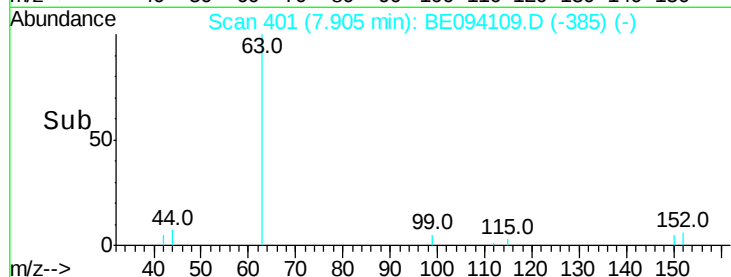
115 118.5 57.0 85.6#



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: 0.883 ng

RT: 3.79 min Scan# 74

Delta R.T. 0.06 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

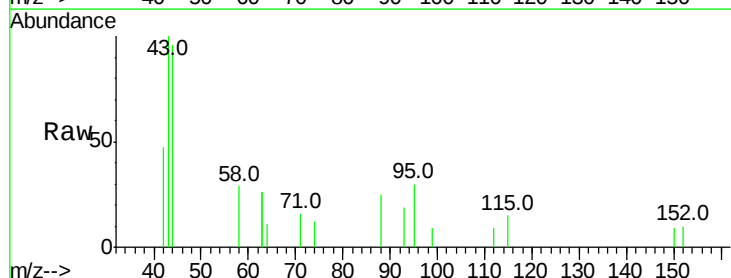
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

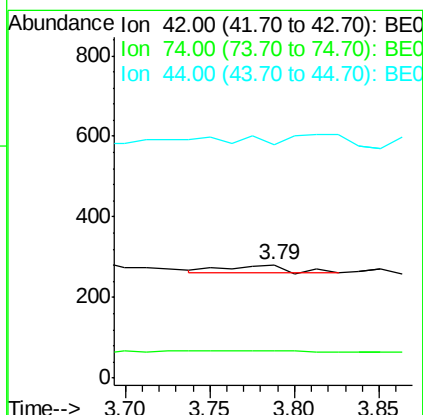
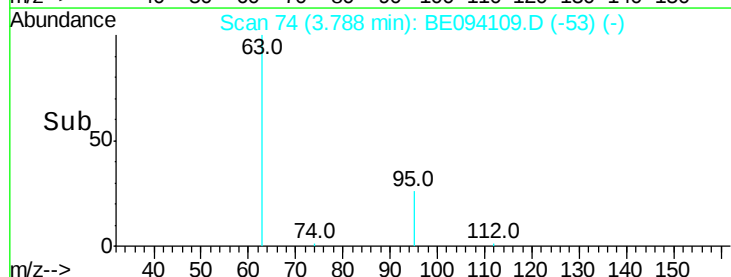
44 0.0 17.0 25.4#

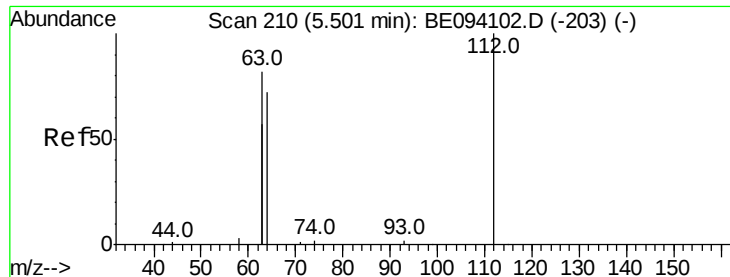


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.303 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

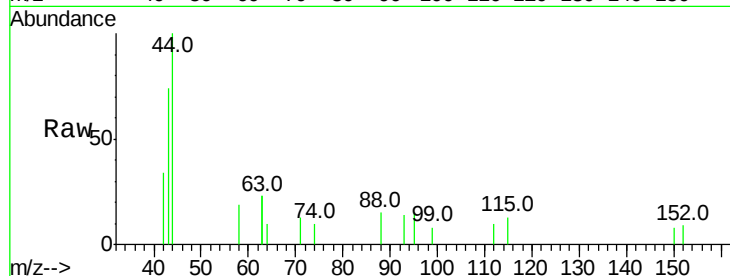
Tot Ion:112 Resp: 23

Ion Ratio Lower Upper

112 100

64 73.9 60.1 90.1

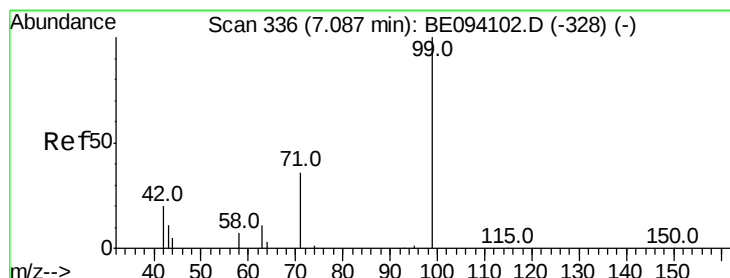
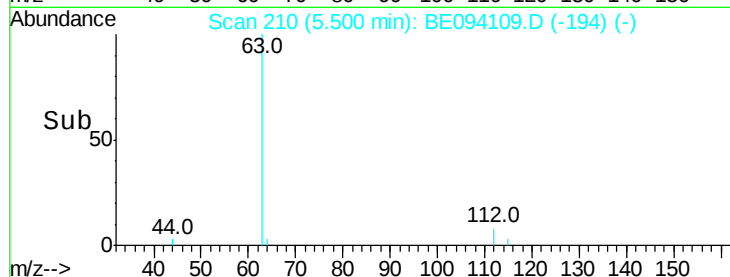
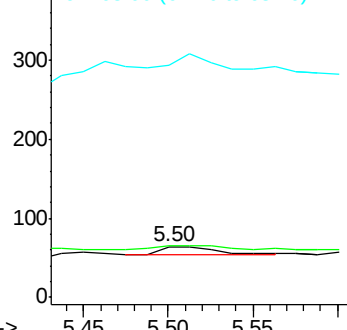
63 447.8 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.389 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

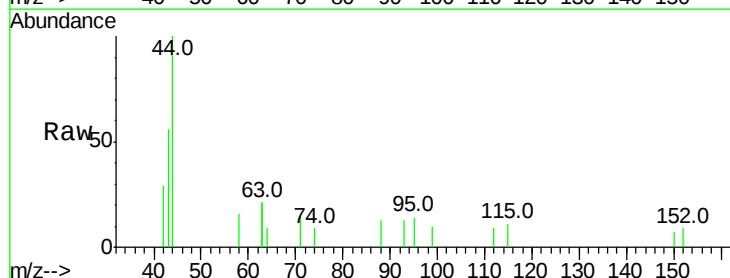
Tgt Ion: 99 Resp: 41

Ion Ratio Lower Upper

99 100

42 112.2 20.2 30.2#

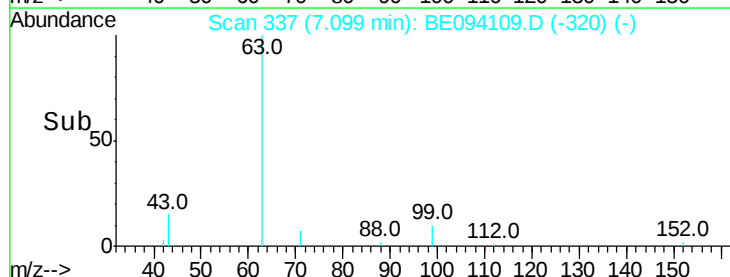
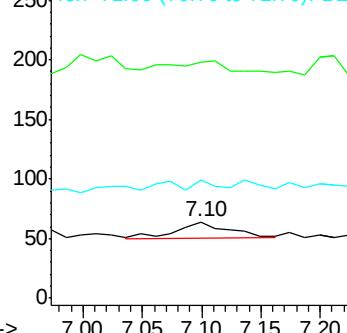
71 0.0 28.4 42.6#

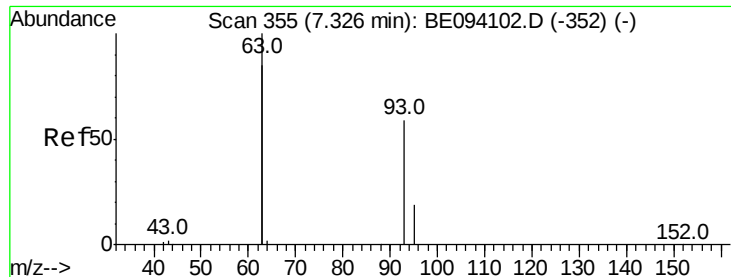


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.466 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

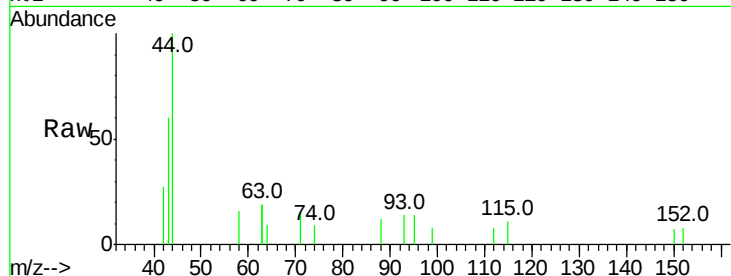
Tot Ion: 93 Resp: 38

Ion Ratio Lower Upper

93 100

63 115.8 275.3 412.9#

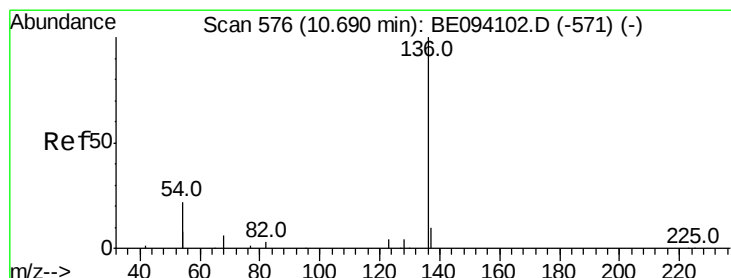
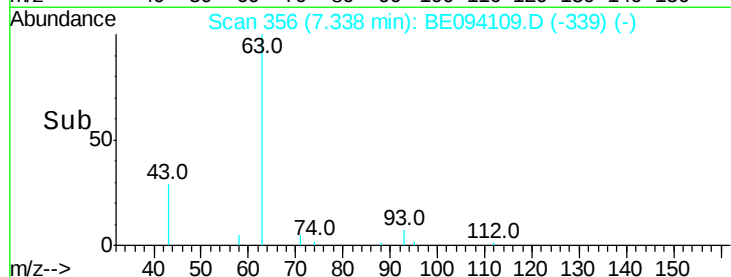
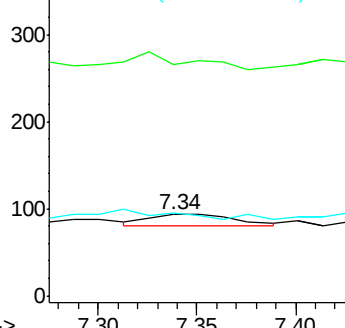
95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Tgt Ion: 136 Resp: 51

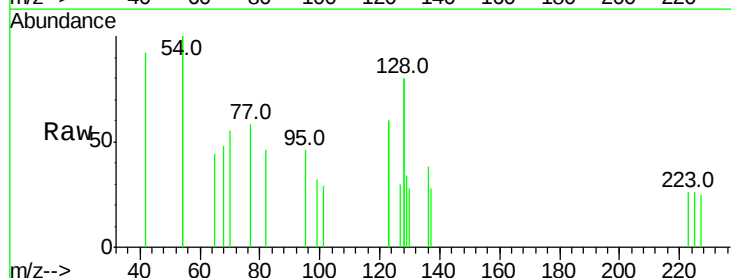
Ion Ratio Lower Upper

136 100

137 74.3 9.5 14.3#

54 522.9 29.1 43.7#

68 125.7 6.2 9.2#

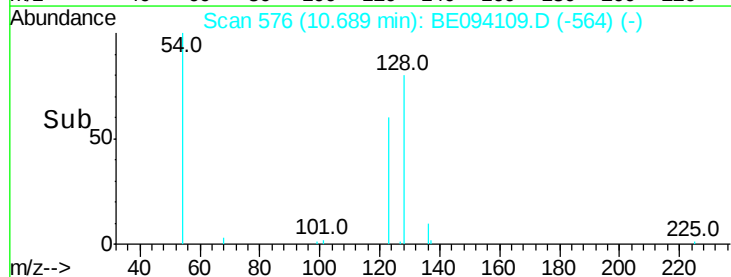
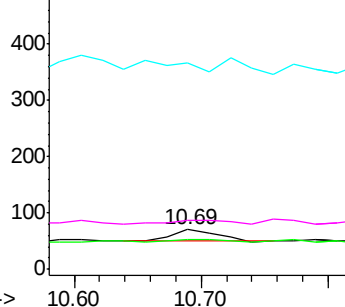


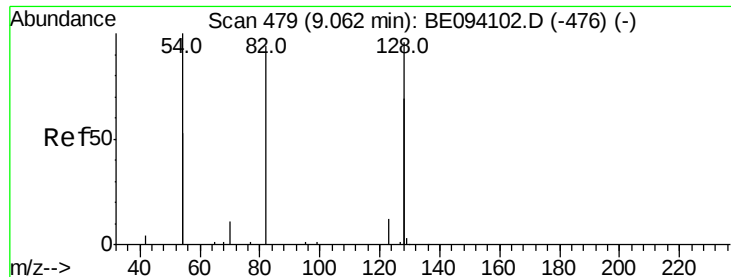
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.054 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

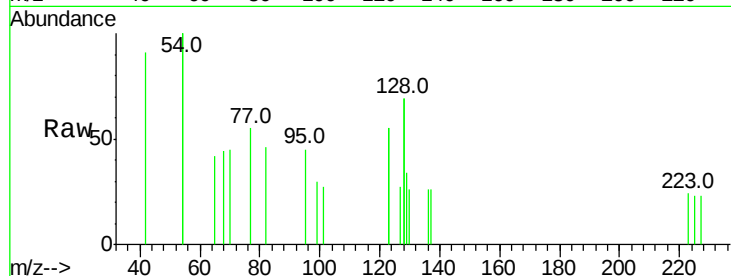
Tot Ion: 82 Resp: 52

Ion Ratio Lower Upper

82 100

128 301.1 150.0 225.0#

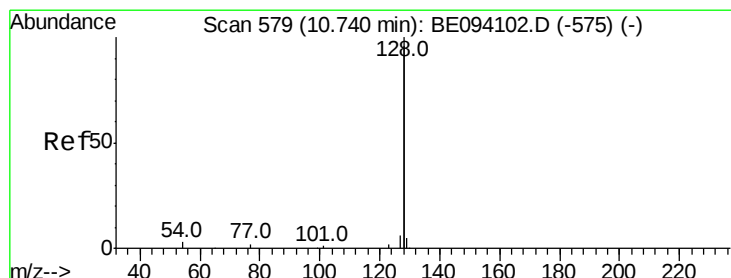
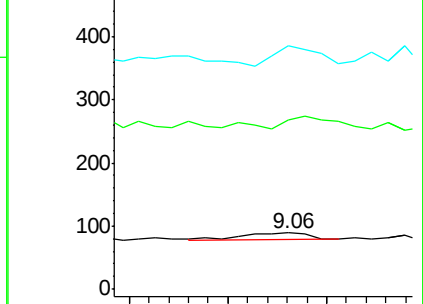
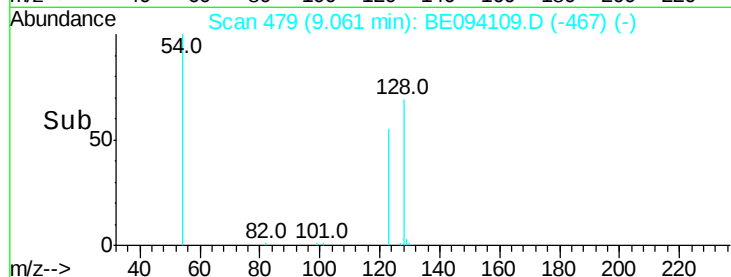
54 433.7 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.392 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

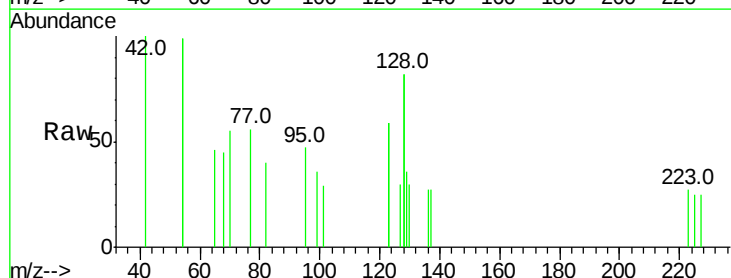
Tgt Ion: 128 Resp: 226

Ion Ratio Lower Upper

128 100

129 22.0 2.6 3.8#

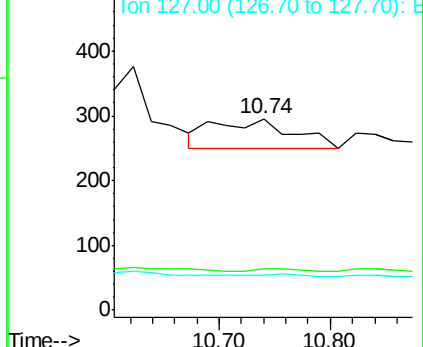
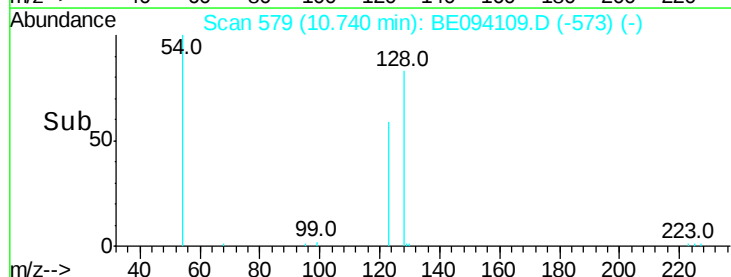
127 18.2 2.8 4.2#

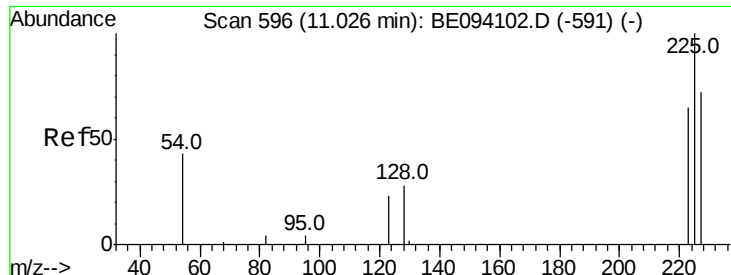


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

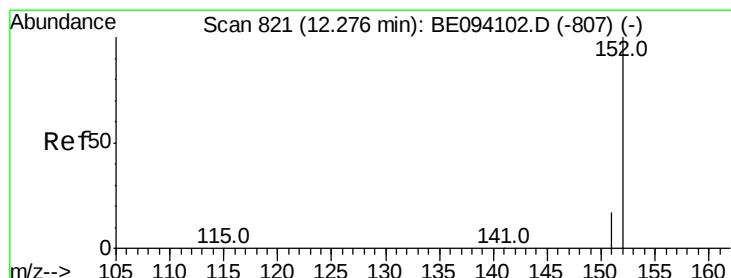
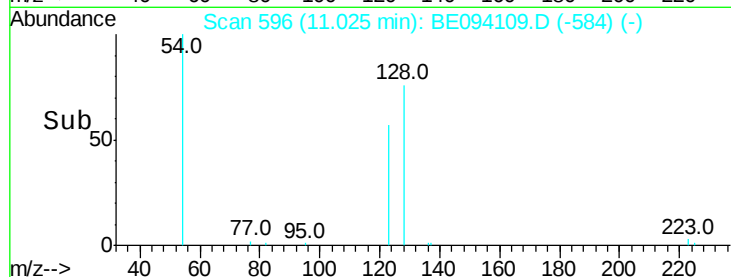
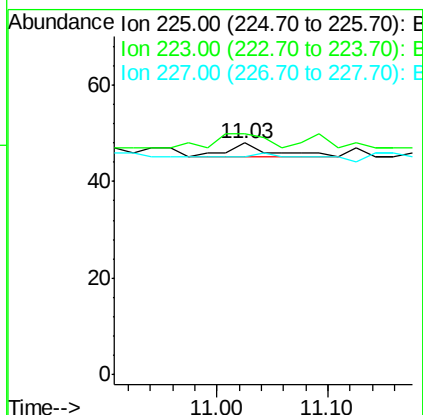
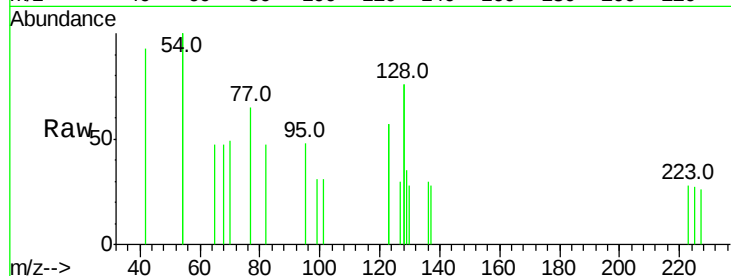




#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

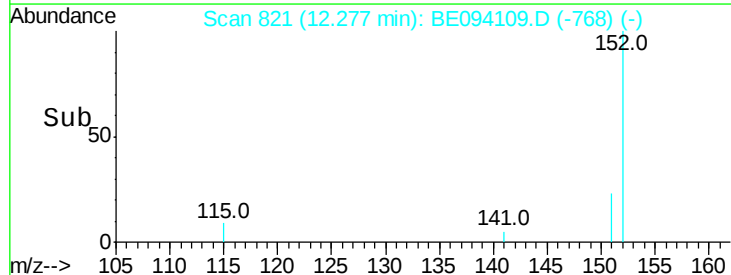
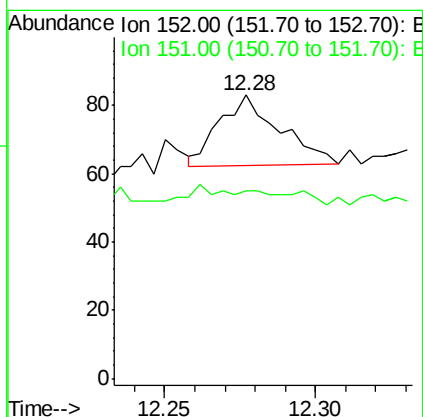
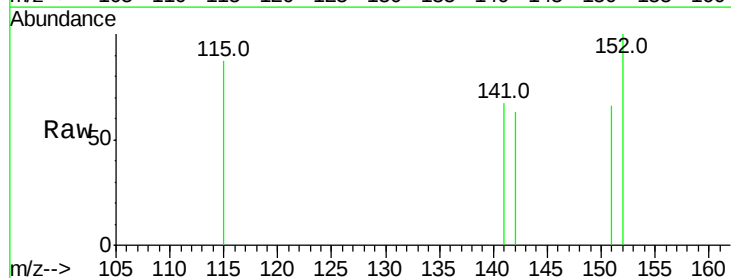
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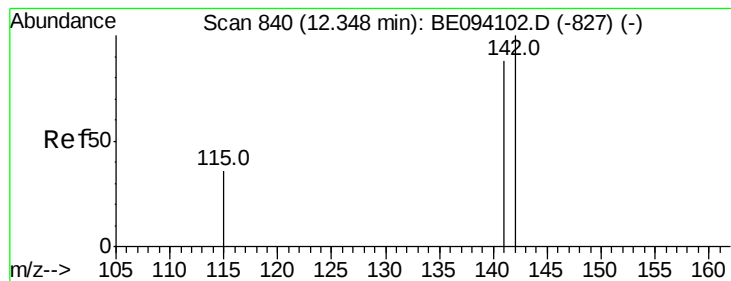
Tot Ion: 225 Resp: 9
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 77.8 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion: 152 Resp: 29
Ion Ratio Lower Upper
152 100
151 0.0 15.4 23.0#





#12

2-Methylnaphthalene

Concen: 0.021 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

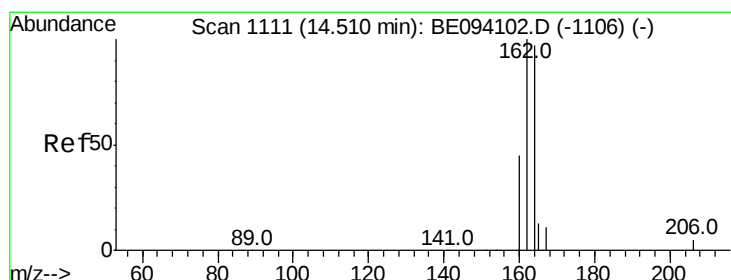
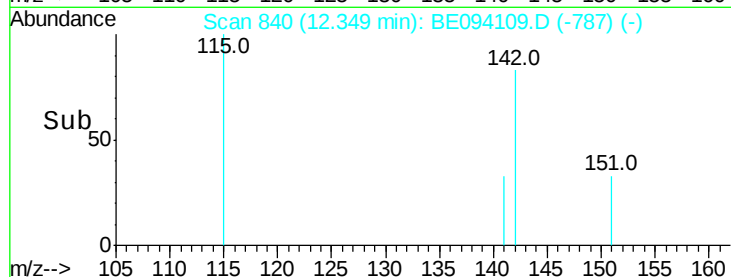
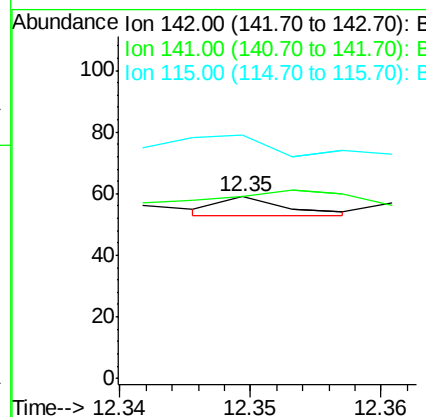
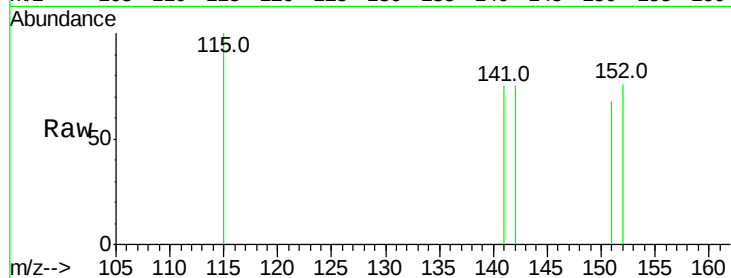
BNA_E

ClientSampleId :

LT-TS-006RE

Tot Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.4	105.6
115	133.9	31.7	47.5#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

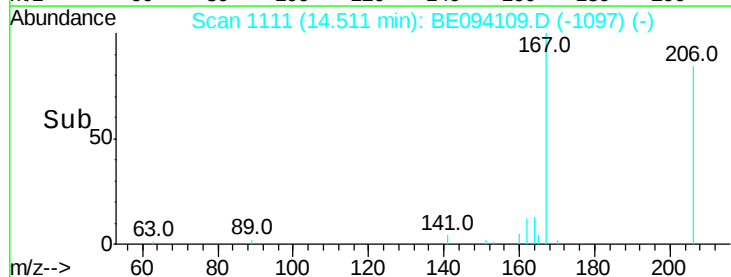
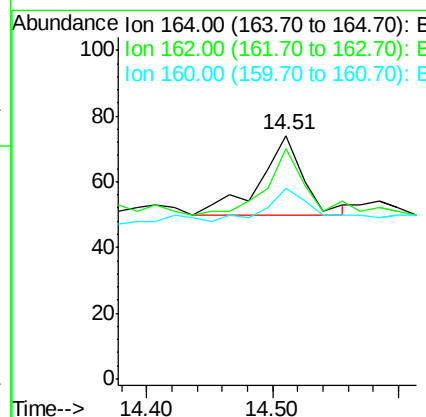
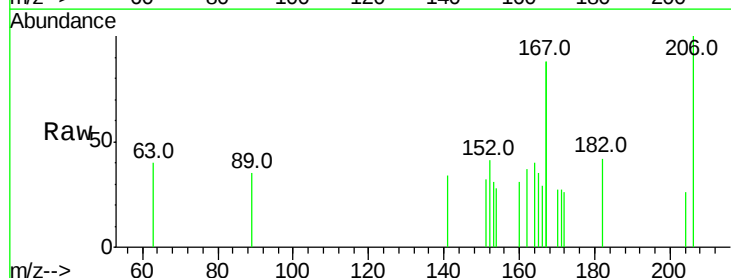
Delta R.T. 0.00 min

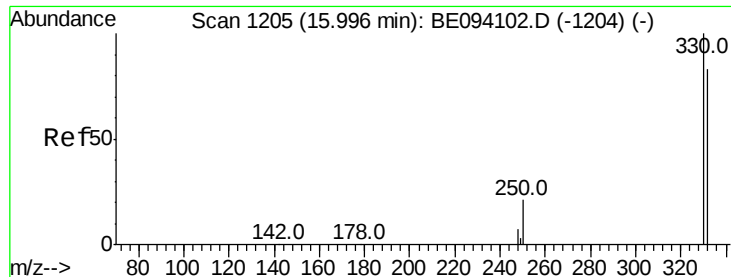
Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Tgt Ion:164 Resp: 58

Ion	Ratio	Lower	Upper
164	100		
162	94.6	83.1	124.7
160	78.4	37.1	55.7#





#14

2,4,6-Tribromophenol

Concen: 0.423 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

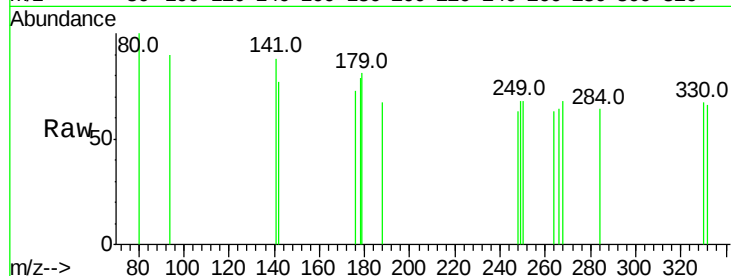
Tot Ion:330 Resp: 14

Ion Ratio Lower Upper

330 100

332 71.4 152.7 229.1#

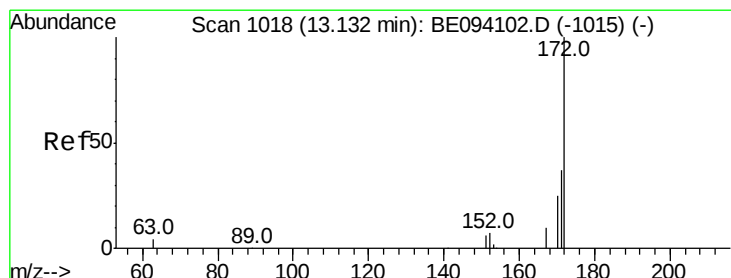
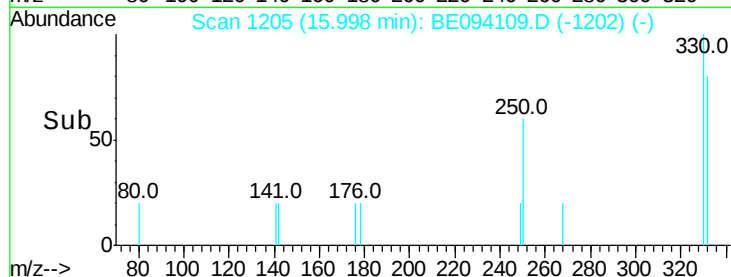
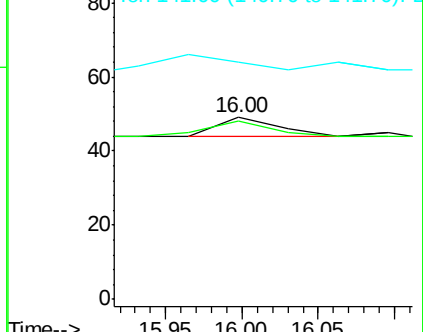
141 0.0 33.7 50.5#



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: 0.177 ng

RT: 13.13 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

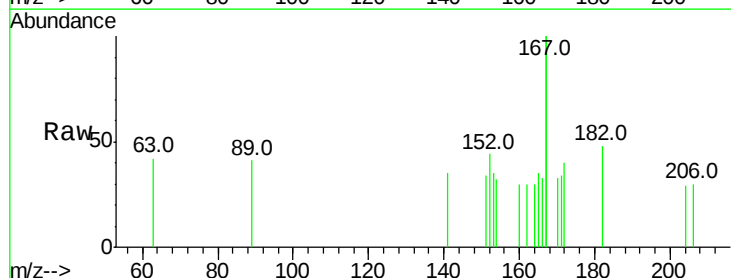
Tgt Ion:172 Resp: 34

Ion Ratio Lower Upper

172 100

171 84.4 29.9 44.9#

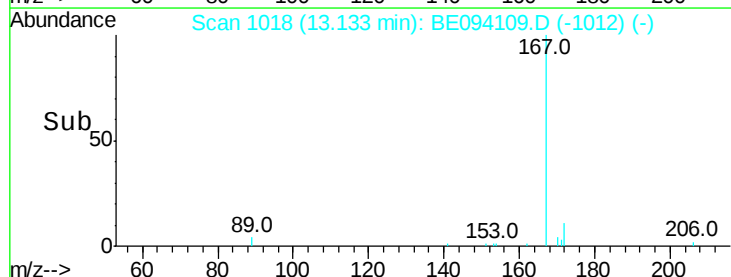
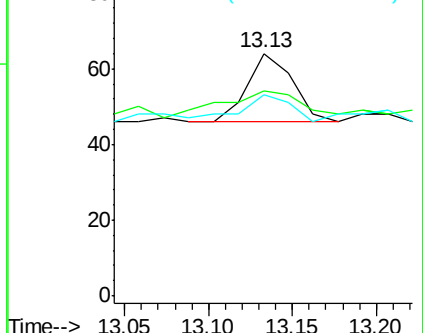
170 82.8 21.8 32.8#

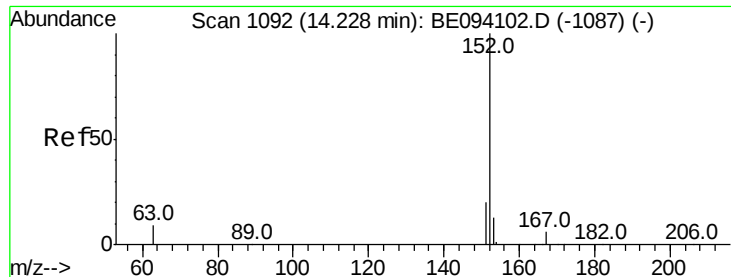


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.224 ng

RT: 14.21 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

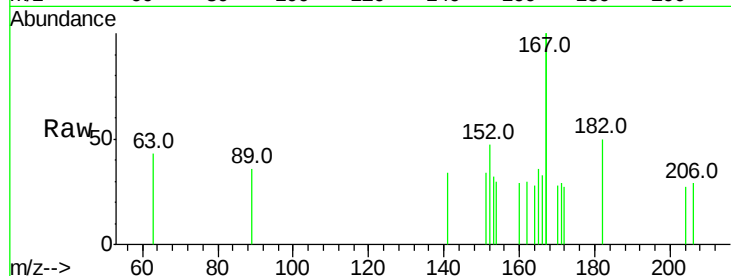
Tot Ion:152 Resp: 65

Ion Ratio Lower Upper

152 100

151 35.4 15.7 23.5#

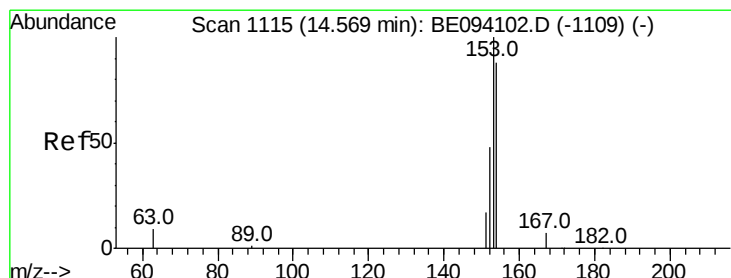
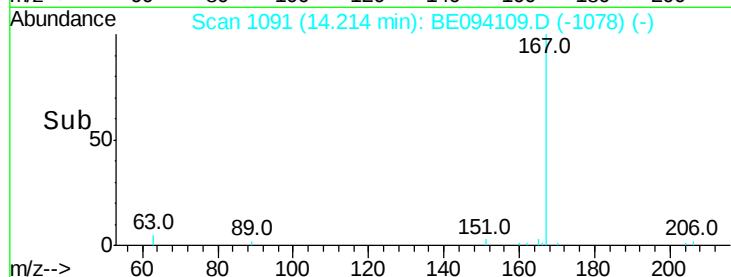
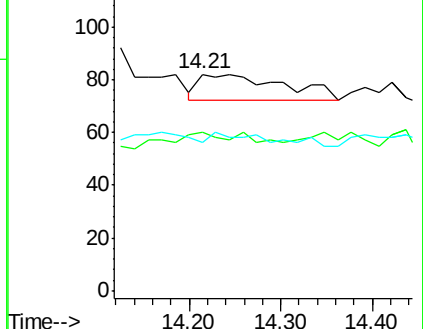
153 30.8 10.5 15.7#



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: 0.066 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

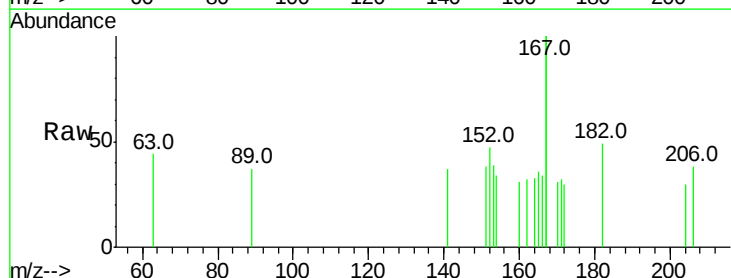
Tgt Ion:154 Resp: 12

Ion Ratio Lower Upper

154 100

153 183.3 89.2 133.8#

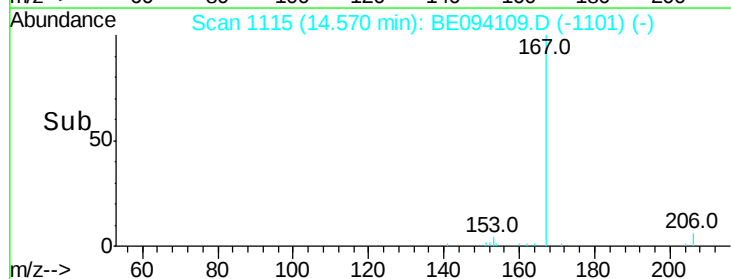
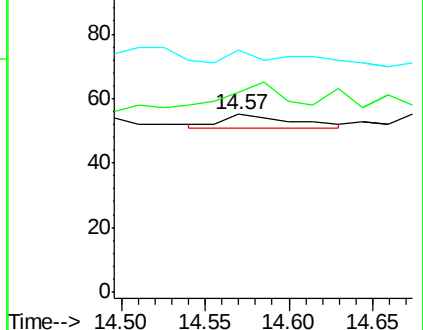
152 183.3 42.0 63.0#

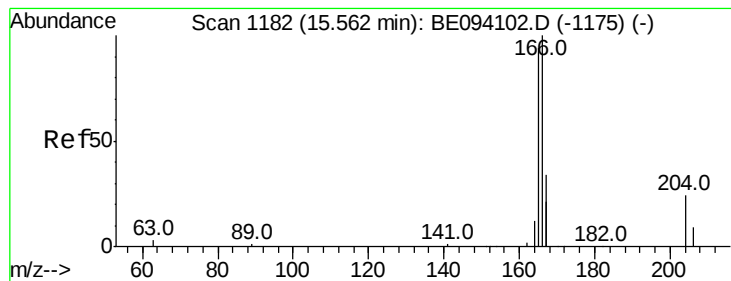


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.134 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

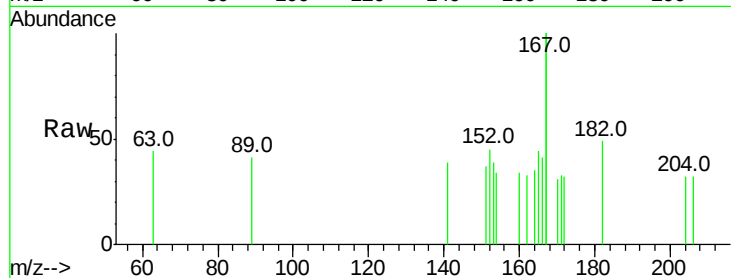
Tot Ion:166 Resp: 33

Ion Ratio Lower Upper

166 100

165 60.6 77.8 116.6#

167 242.4 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

400

300

200

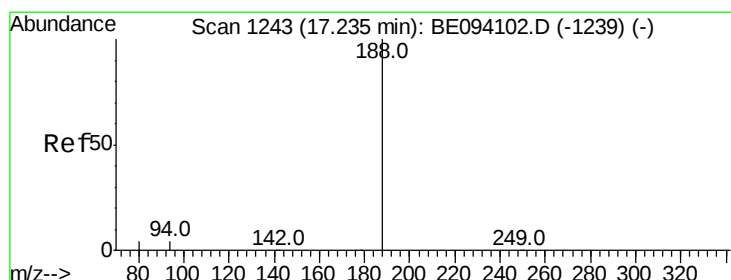
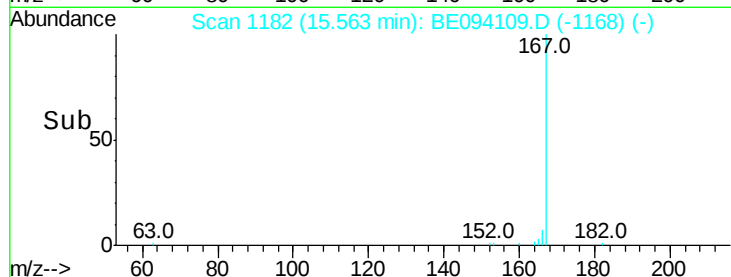
100

0

15.56

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: BE094109.D

Acq: 25 Sep 2017 19:17

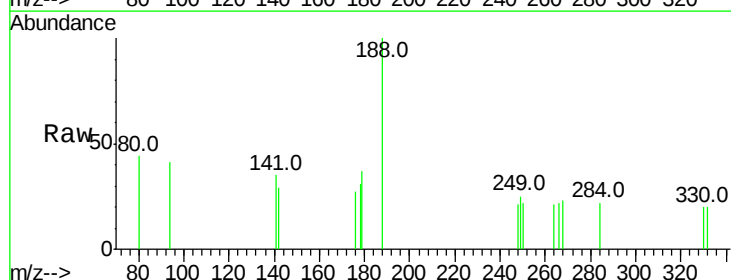
Tgt Ion:188 Resp: 442

Ion Ratio Lower Upper

188 100

94 41.5 3.9 5.9#

80 43.7 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

300

250

200

150

100

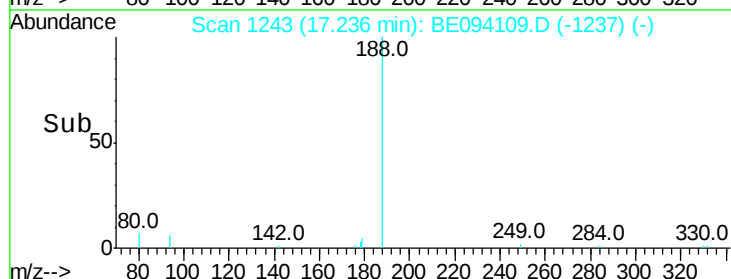
50

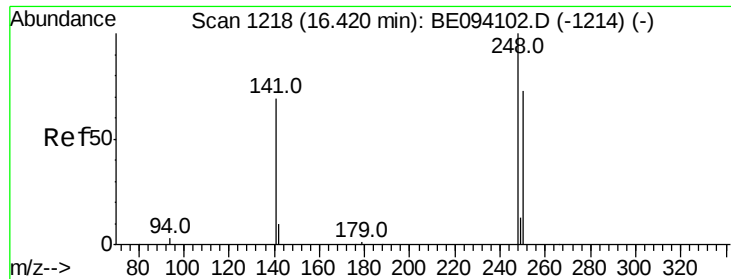
0

17.24

17.10 17.20 17.30

Time-->

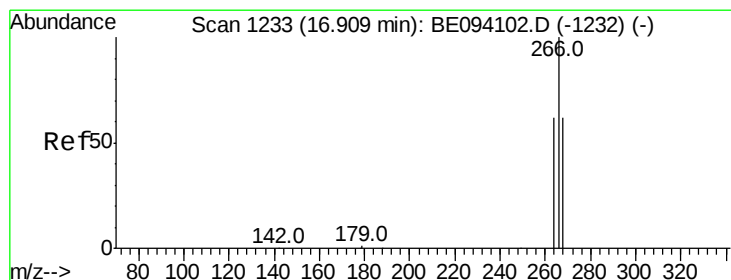
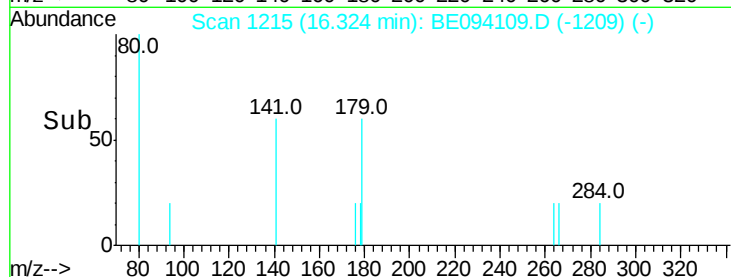
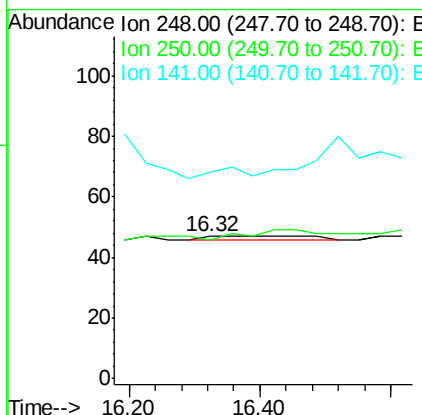
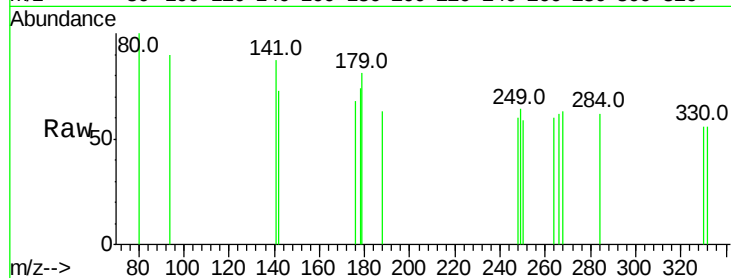




#20
4-Bromophenyl-phenylether
Concen: 0.066 ng
RT: 16.32 min Scan# 1215
Delta R.T. -0.10 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

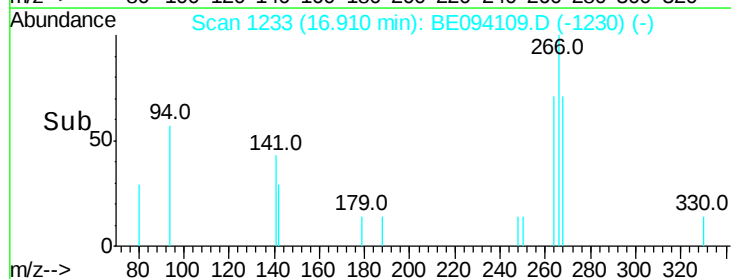
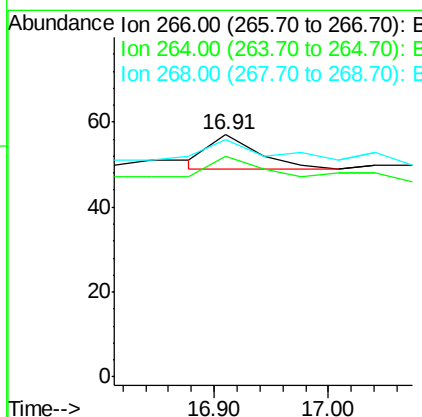
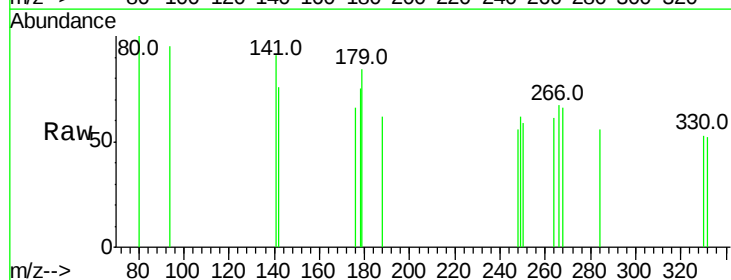
Instrument :
BNA_E
ClientSampled :
LT-TS-006RE

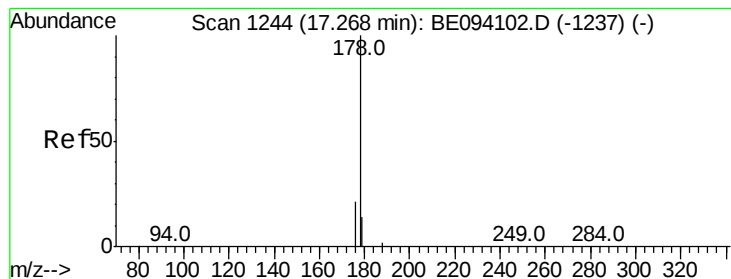
Tot Ion:248 Resp: 12
Ion Ratio Lower Upper
248 100
250 97.9 62.7 94.1#
141 144.7 48.2 72.2#



#22
Pentachlorophenol
Concen: 0.219 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:266 Resp: 23
Ion Ratio Lower Upper
266 100
264 91.2 72.5 108.7
268 98.2 73.8 110.6





#23

Phenanthrene

Concen: 0.187 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

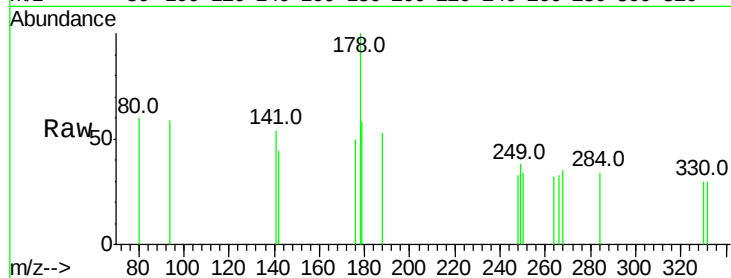
Tot Ion:178 Resp: 211

Ion Ratio Lower Upper

178 100

176 28.0 15.1 22.7#

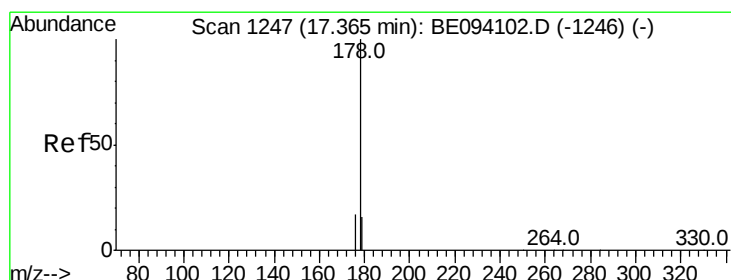
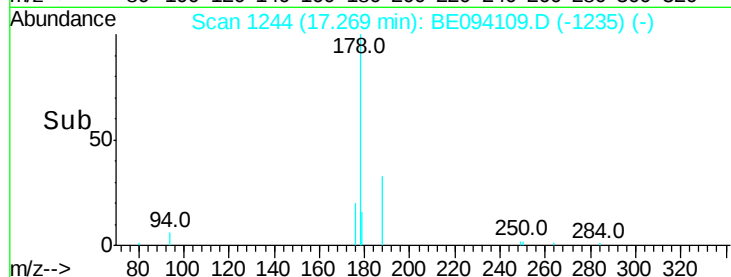
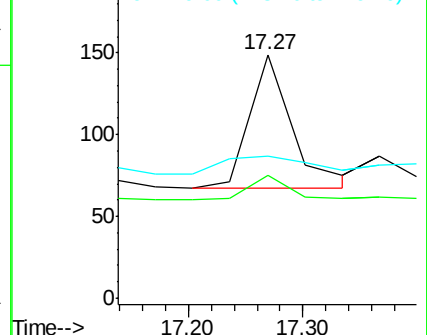
179 28.9 11.8 17.6#



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: 0.178 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.10 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

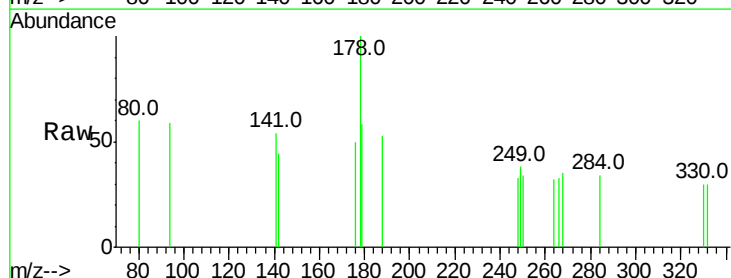
Tgt Ion:178 Resp: 211

Ion Ratio Lower Upper

178 100

176 27.0 12.8 19.2#

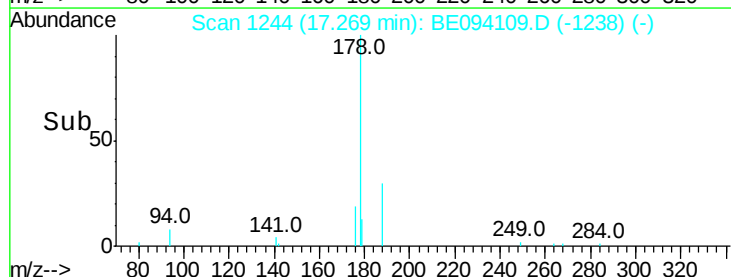
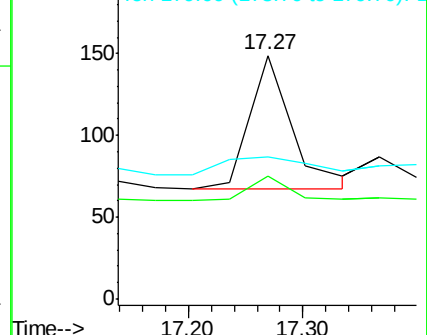
179 27.0 13.0 19.6#

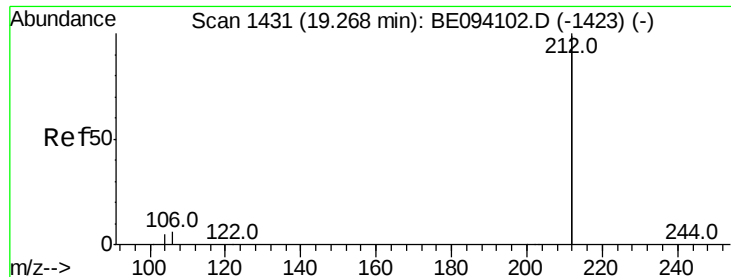


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.041 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

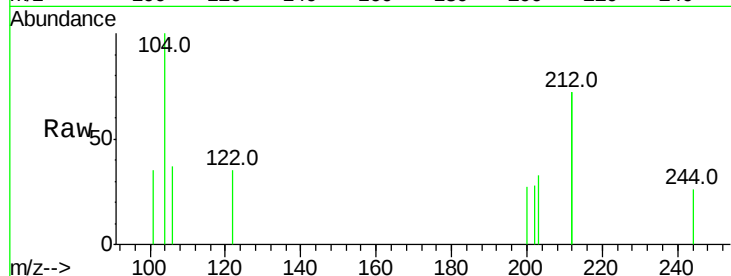
Tot Ion:212 Resp: 176

Ion Ratio Lower Upper

212 100

106 21.0 2.8 4.2#

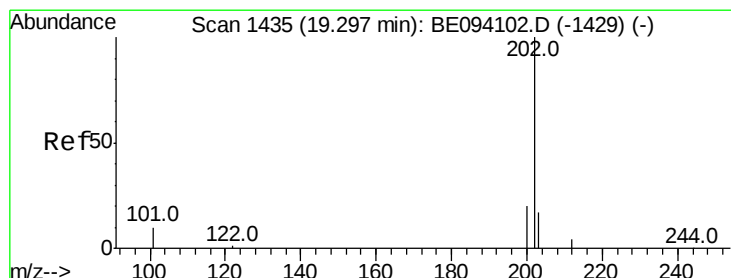
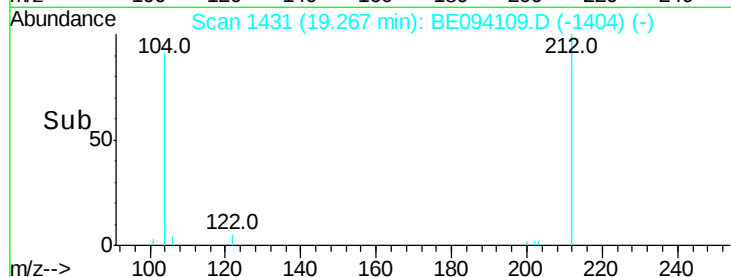
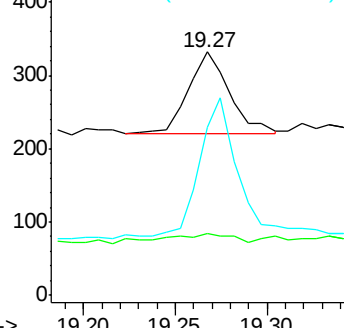
104 176.7 1.6 2.4#



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: 0.258 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

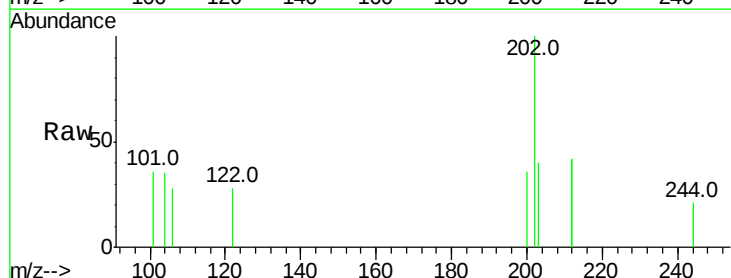
Tgt Ion:202 Resp: 327

Ion Ratio Lower Upper

202 100

101 17.7 9.8 14.8#

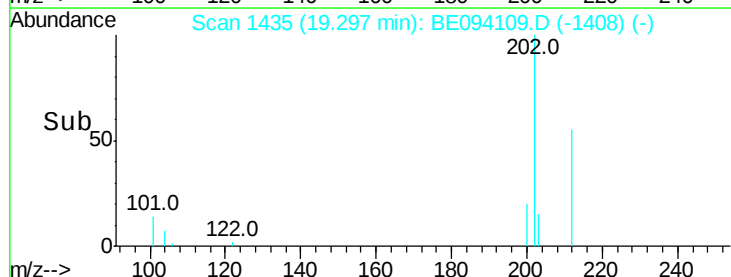
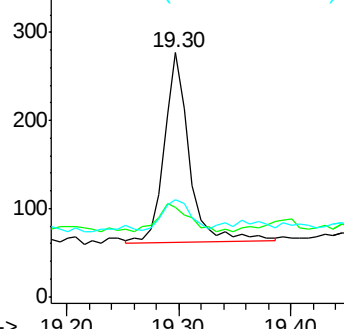
203 18.0 13.7 20.5

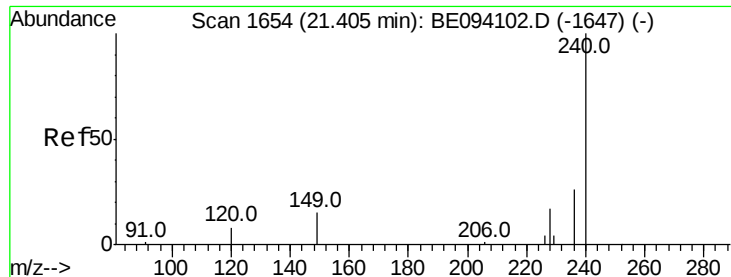


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

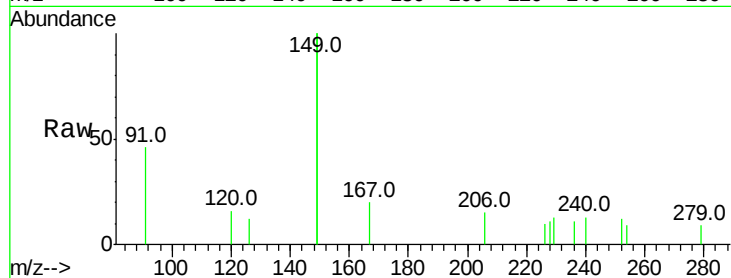
Tot Ion:240 Resp: 87

Ion Ratio Lower Upper

240 100

120 124.8 5.5 8.3#

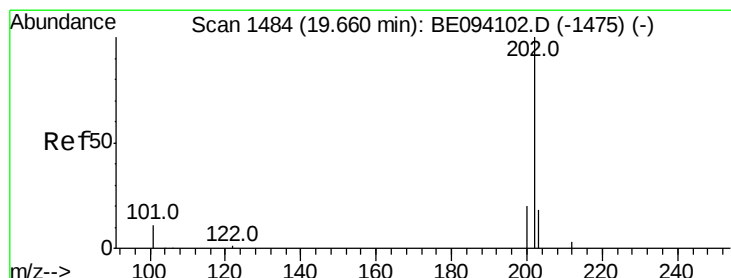
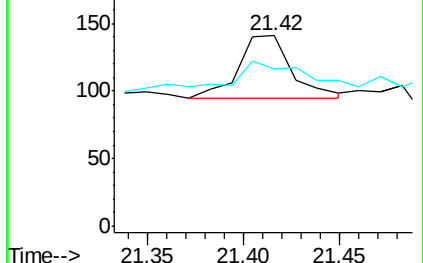
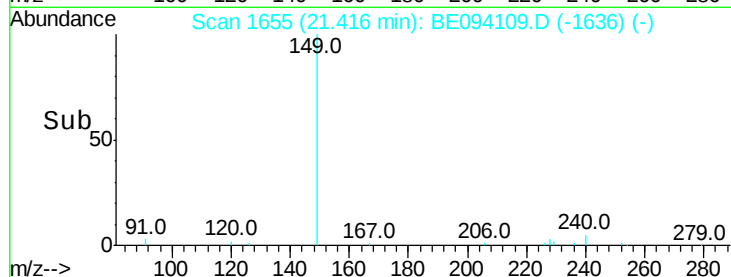
236 82.3 20.7 31.1#



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: 1.277 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

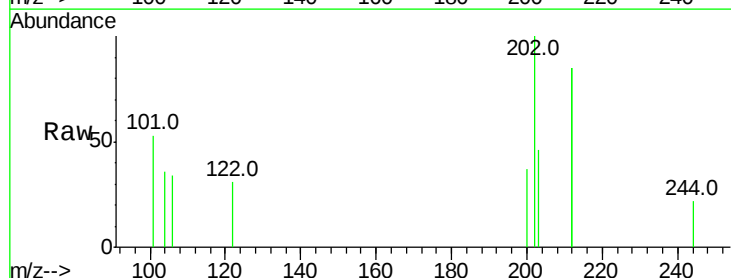
Tgt Ion:202 Resp: 352

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

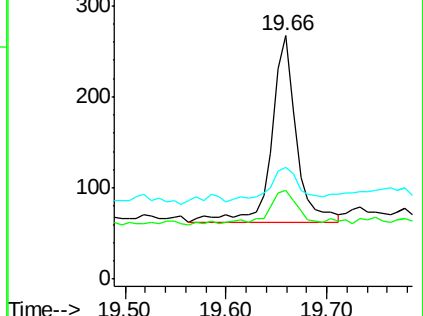
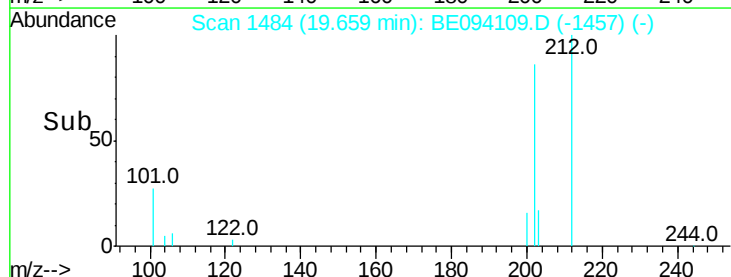
203 22.4 13.8 20.8#

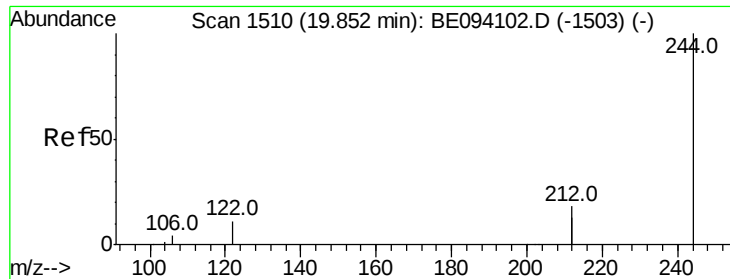


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.869 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

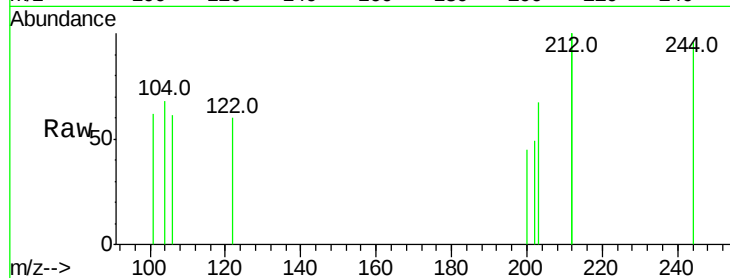
Tot Ion:244 Resp: 138

Ion Ratio Lower Upper

244 100

212 208.3 25.4 38.0#

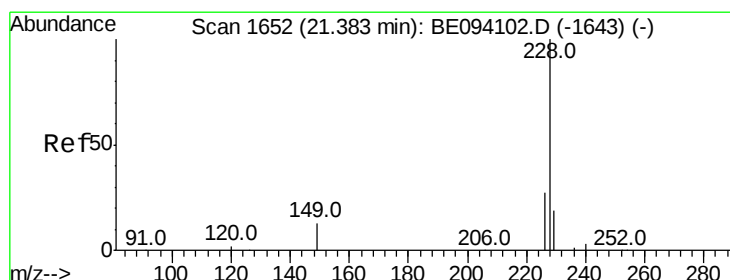
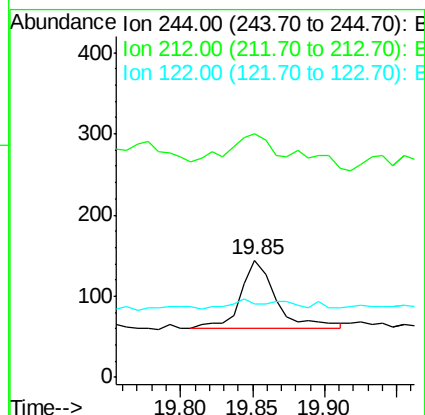
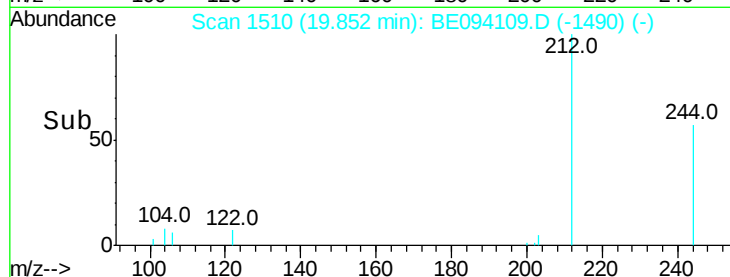
122 62.5 8.1 12.1#



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: 0.512 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

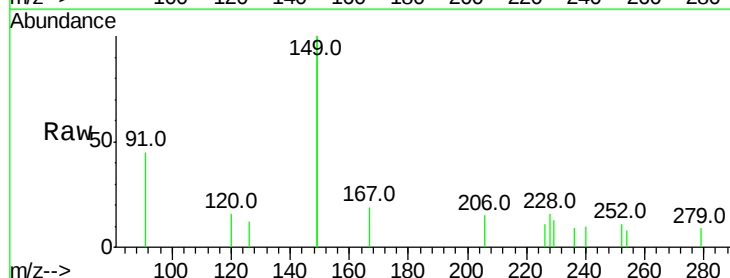
Tgt Ion:228 Resp: 150

Ion Ratio Lower Upper

228 100

226 70.3 21.4 32.0#

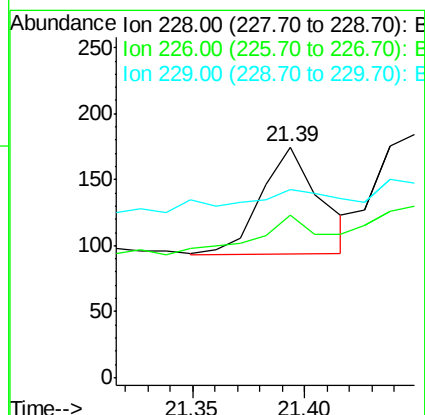
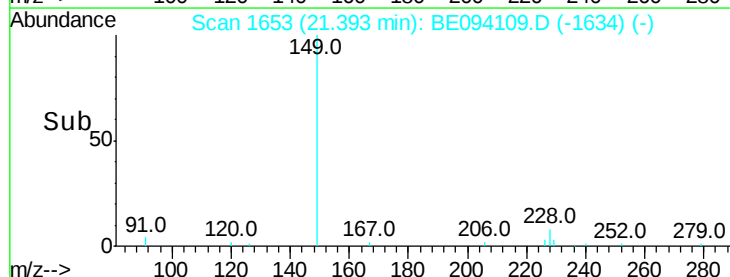
229 81.7 16.4 24.6#

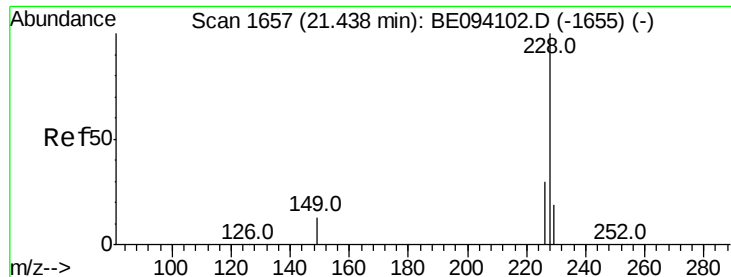


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.619 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

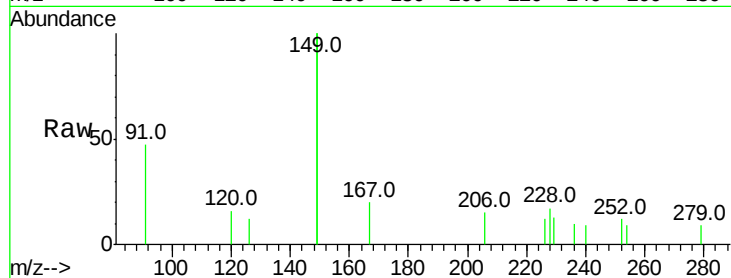
Tot Ion:228 Resp: 175

Ion Ratio Lower Upper

228 100

226 70.7 23.6 35.4#

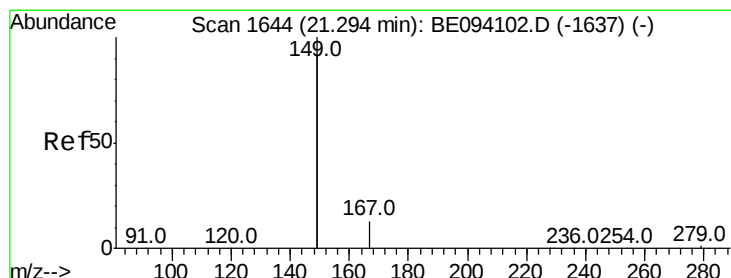
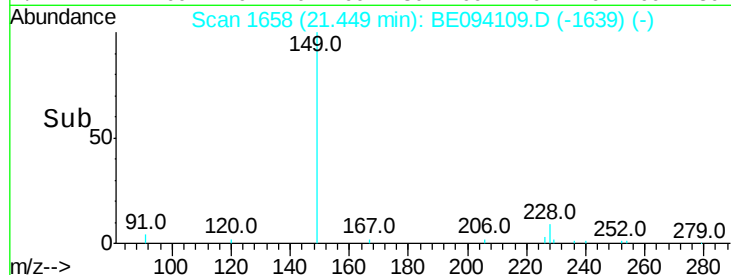
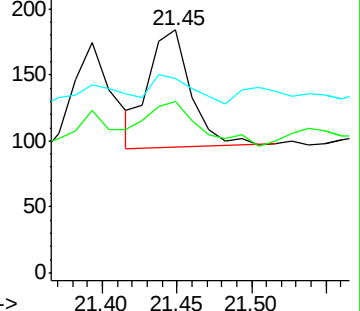
229 79.9 16.4 24.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 15.846 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

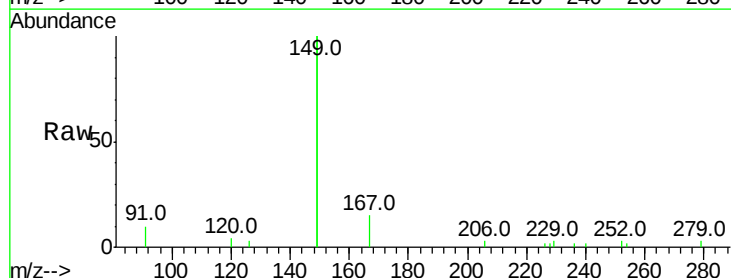
Tgt Ion:149 Resp: 10693

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

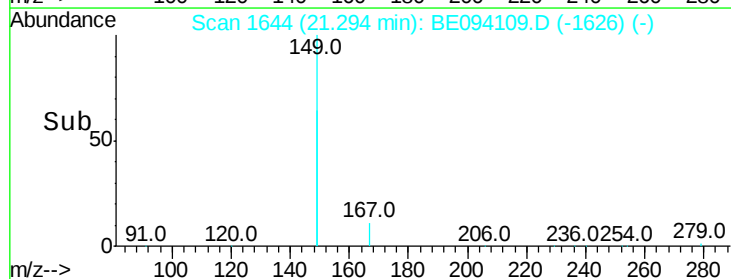
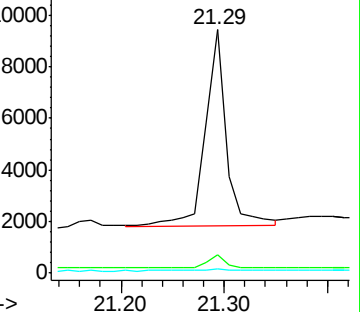
279 1.4 0.7 1.1#

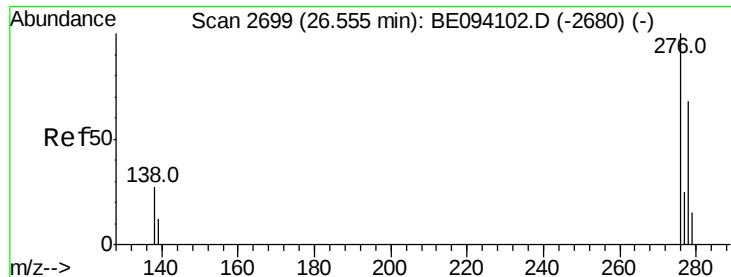


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.185 ng

RT: 26.58 min Scan# 2704

Delta R.T. 0.02 min

Lab File: BE094109.D

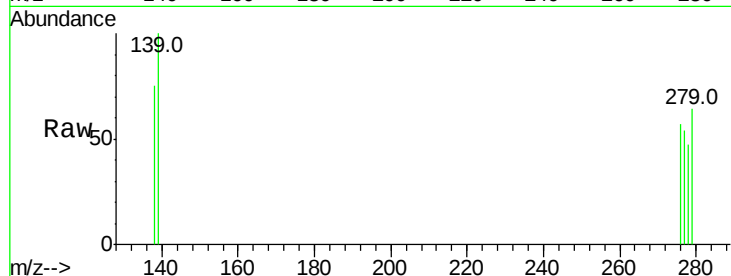
Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE



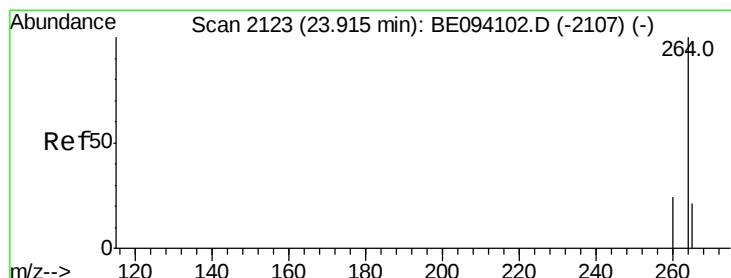
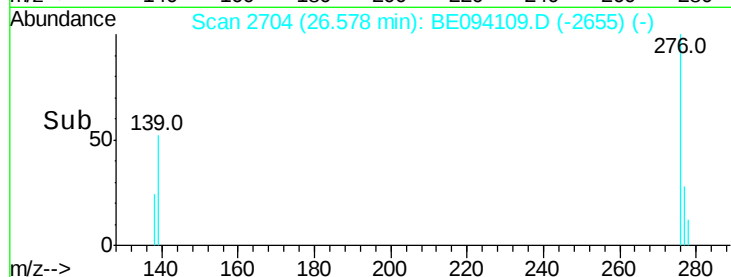
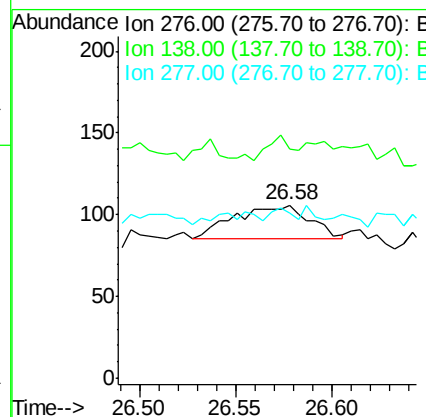
Tot Ion:276 Resp: 56

Ion Ratio Lower Upper

276 100

138 23.2 22.5 33.7

277 8.9 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

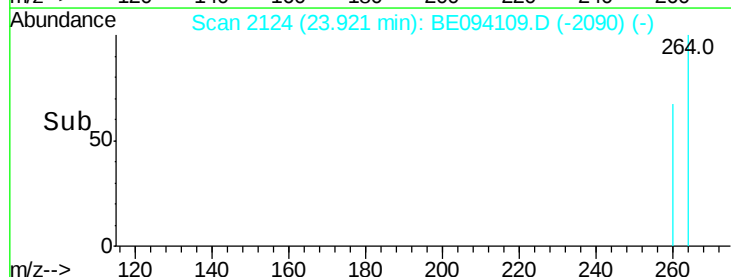
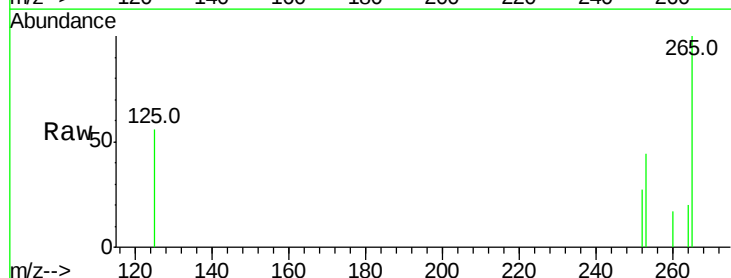
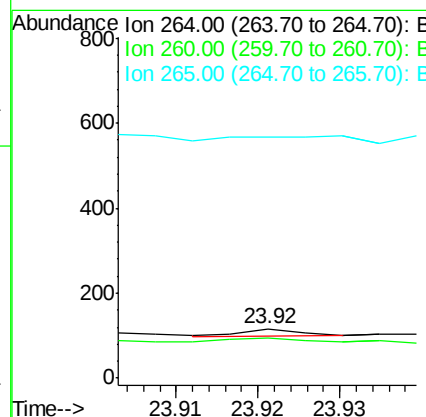
Tgt Ion:264 Resp: 8

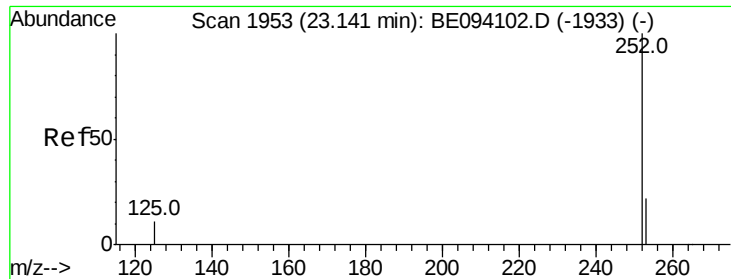
Ion Ratio Lower Upper

264 100

260 81.0 20.5 30.7#

265 487.9 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 5.093 ng

RT: 23.15 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

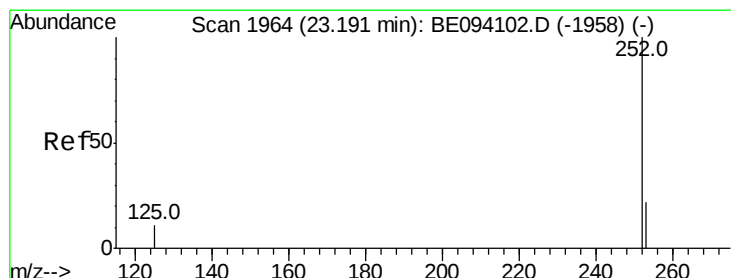
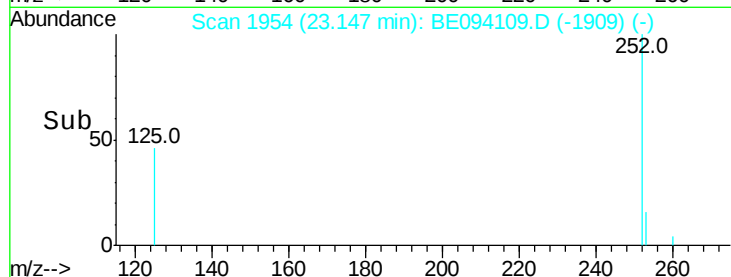
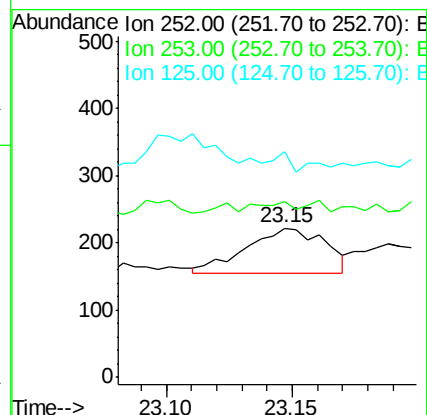
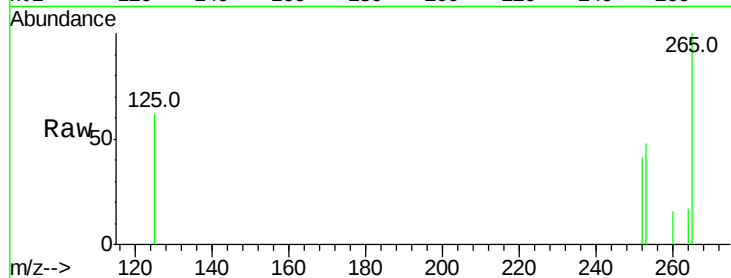
Tot Ion:252 Resp: 147

Ion Ratio Lower Upper

252 100

253 118.0 18.2 27.2#

125 151.4 10.1 15.1#



#36

Benzo(k)fluoranthene

Concen: 2.967 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

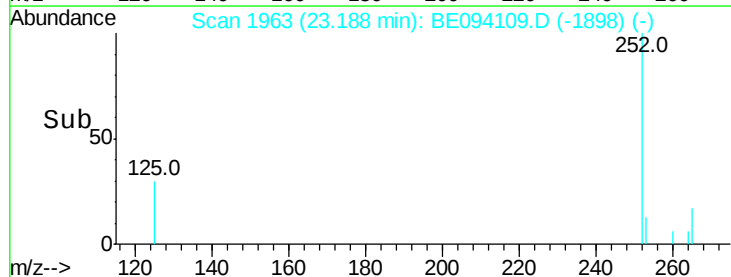
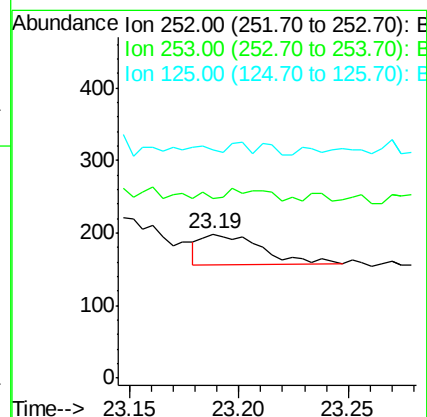
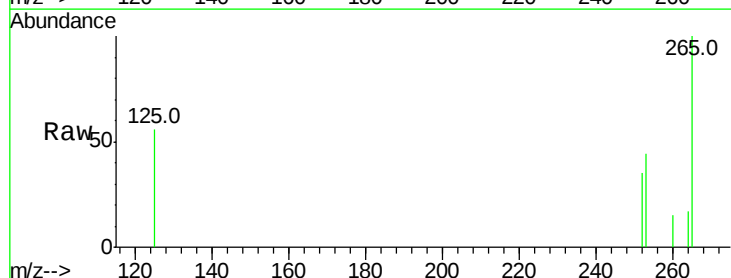
Tgt Ion:252 Resp: 82

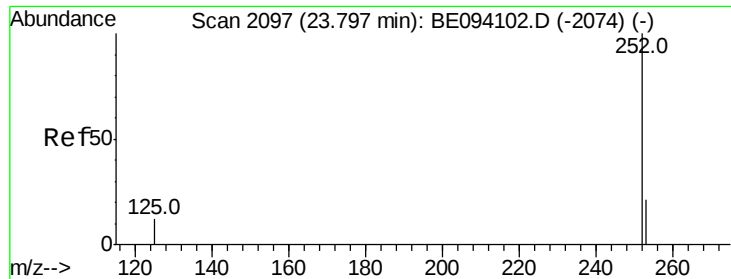
Ion Ratio Lower Upper

252 100

253 124.1 18.6 27.8#

125 158.3 10.7 16.1#





#37

Benzo(a)pyrene

Concen: 2.914 ng

RT: 23.81 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE

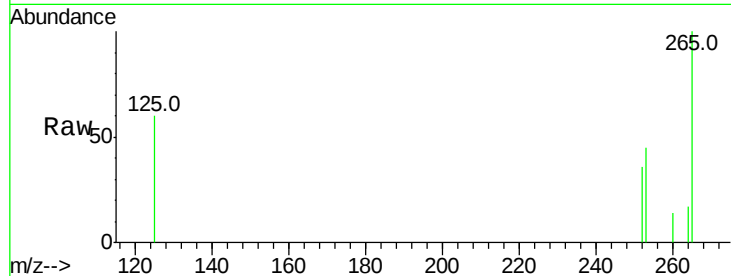
Tot Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 125.4 19.0 28.6#

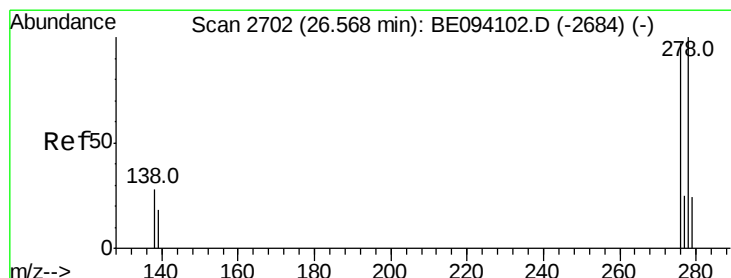
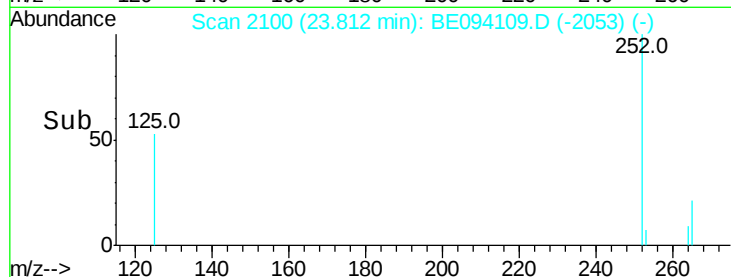
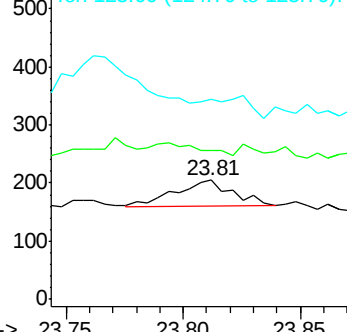
125 167.8 11.8 17.8#



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: 1.377 ng

RT: 26.58 min Scan# 2705

Delta R.T. 0.01 min

Lab File: BE094109.D

Acq: 25 Sep 2017 19:17

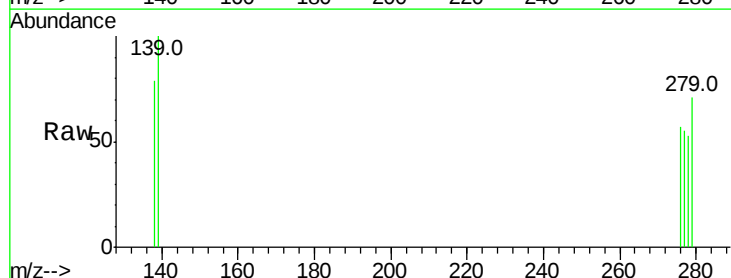
Tgt Ion:278 Resp: 34

Ion Ratio Lower Upper

278 100

139 190.2 16.3 24.5#

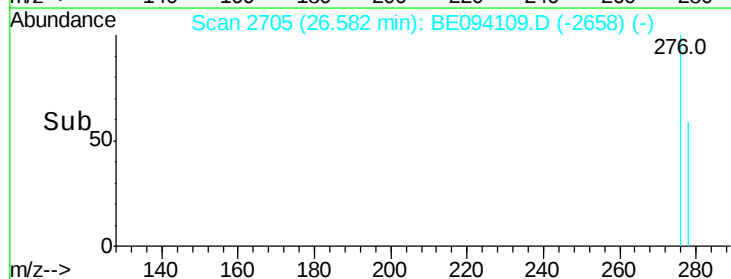
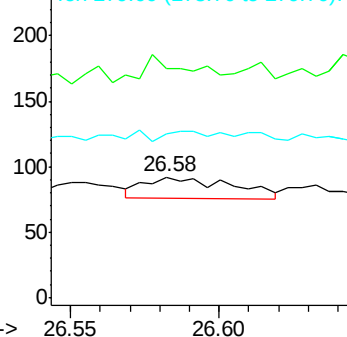
279 135.9 19.9 29.9#

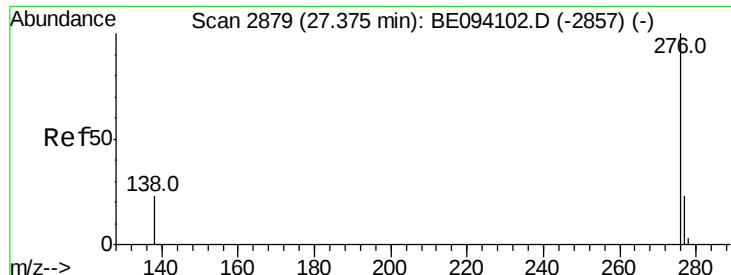


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.982 ng

RT: 27.38 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BE094109.D

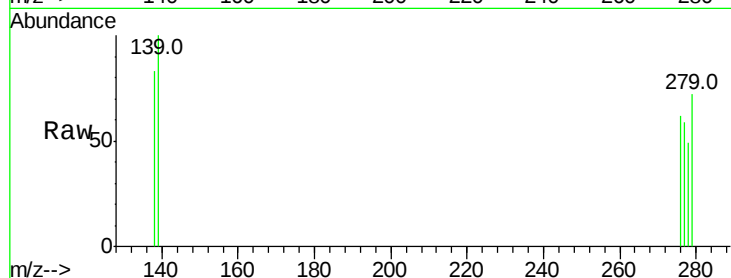
Acq: 25 Sep 2017 19:17

Instrument :

BNA_E

ClientSampleId :

LT-TS-006RE



Tot Ion: 276 Resp: 24

Ion Ratio Lower Upper

276 100

277 96.2 20.8 31.2#

138 134.9 21.5 32.3#

