

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
 Data File : BE094092.D
 Acq On : 23 Sep 2017 23:49
 Operator : SJ/JU
 Sample : I5340-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LT-TS-012

Quant Time: Sep 25 13:31:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 13:07:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2450	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13279	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	8124	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	24319	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14793	0.40	ng	0.00
34) Perylene-d12	23.91	264	14467	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1449	-0.04	ng	0.00
5) Phenol-d6	7.09	99	2258	0.16	ng	0.00
8) Nitrobenzene-d5	9.06	82	1829	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3027	0.13	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	442	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4017	0.15	ng	0.00
25) Fluoranthene-d10	19.27	212	23388	0.07	ng	0.00
29) Terphenyl-d14	19.85	244	3563	0.15	ng	0.00

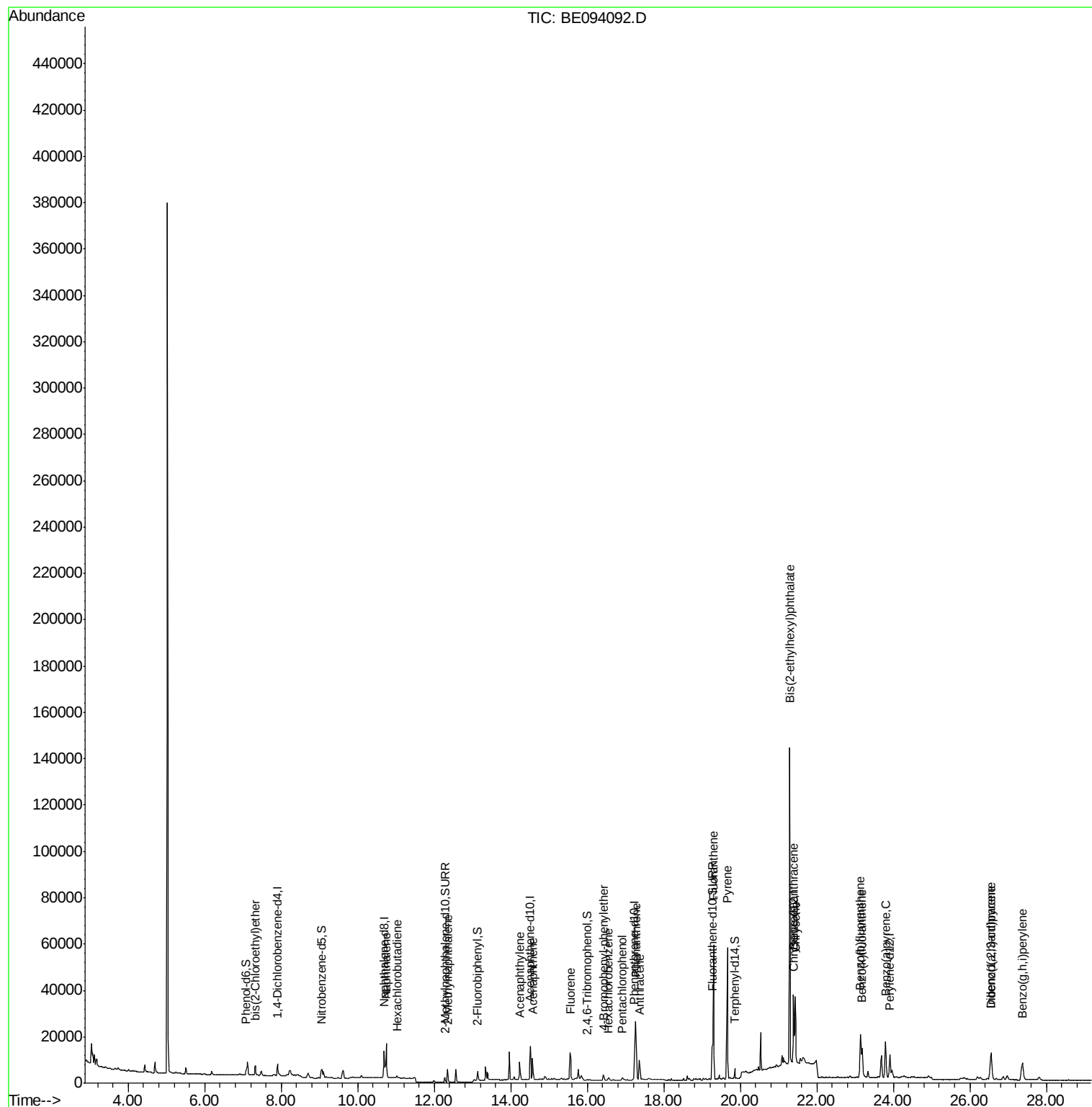
Target Compounds				Qvalue		
6) bis(2-Chloroethyl)ether	7.33	93	1576	0.146	ng	88
9) Naphthalene	10.74	128	23989	0.142	ng	100
10) Hexachlorobutadiene	11.02	225	729	0.136	ng	97
12) 2-Methylnaphthalene	12.35	142	4156	0.155	ng	98
16) Acenaphthylene	14.23	152	8574	0.210	ng	99
17) Acenaphthene	14.57	154	4486	0.165	ng	97
18) Fluorene	15.56	166	6111	0.151	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	1848	0.142	ng	93
21) Hexachlorobenzene	16.55	284	1101	0.115	ng	# 89
22) Pentachlorophenol	16.91	266	896	1.319	ng	# 76
23) Phenanthrene	17.27	178	37596	0.432	ng	98
24) Anthracene	17.37	178	13548	0.202	ng	97
26) Fluoranthene	19.30	202	53711	0.575	ng	99
28) Pyrene	19.66	202	53281	1.302	ng	# 96
30) Benzo(a)anthracene	21.38	228	27304	0.551	ng	97
31) Chrysene	21.44	228	29871	0.615	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	143605	1.079	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	18553	0.494	ng	97
35) Benzo(b)fluoranthene	23.14	252	33032	0.631	ng	# 94
36) Benzo(k)fluoranthene	23.19	252	14369	0.274	ng	# 87
37) Benzo(a)pyrene	23.79	252	25150	0.535	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	8011	0.213	ng	# 85
39) Benzo(g,h,i)perylene	27.37	276	18057	0.480	ng	98

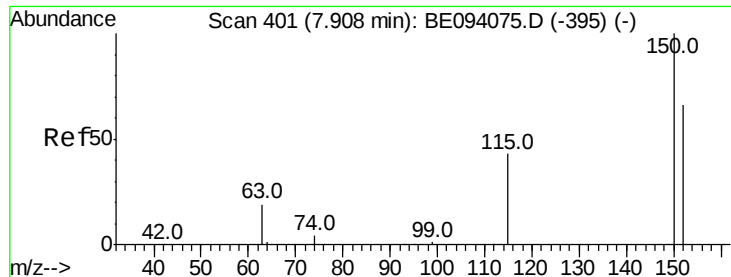
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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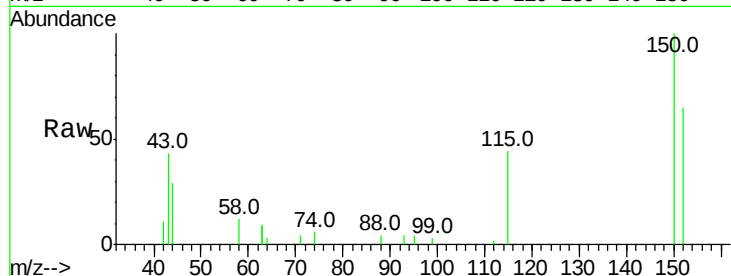


#1

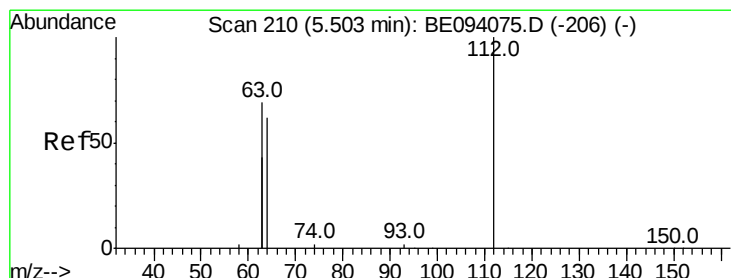
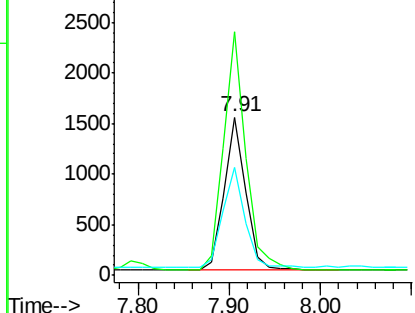
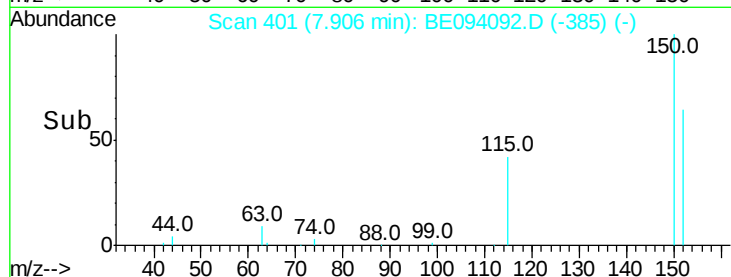
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094092.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_E
ClientSampleId :
LT-TS-012

Tot Ion:152 Resp: 2450
Ion Ratio Lower Upper
152 100
150 154.2 117.2 175.8
115 68.5 57.0 85.6



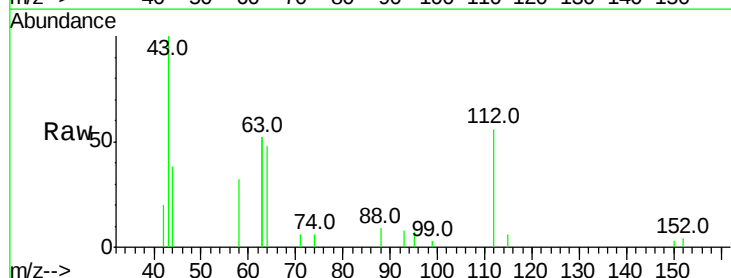
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



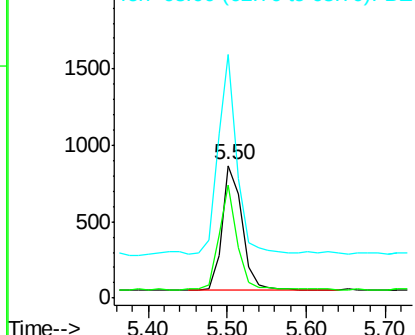
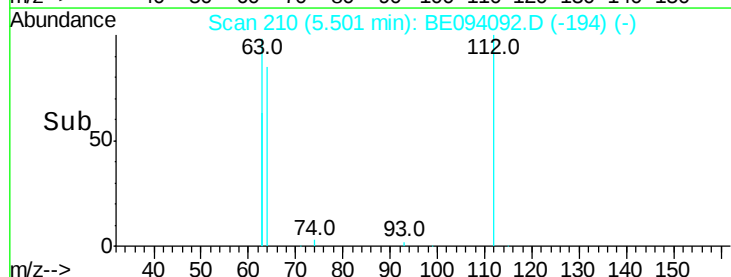
#4

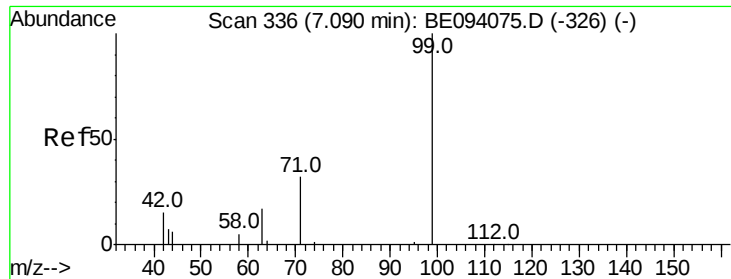
2-Fluorophenol
Concen: -0.043 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094092.D
Acq: 23 Sep 2017 23:49

Tgt Ion:112 Resp: 1449
Ion Ratio Lower Upper
112 100
64 76.0 60.1 90.1
63 151.3 116.8 175.2



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: 0.156 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

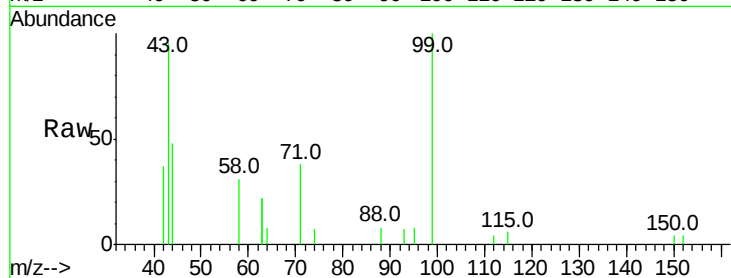
Tot Ion: 99 Resp: 2258

Ion Ratio Lower Upper

99 100

42 29.5 20.2 30.2

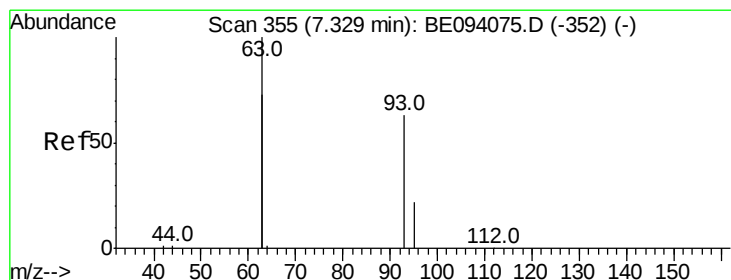
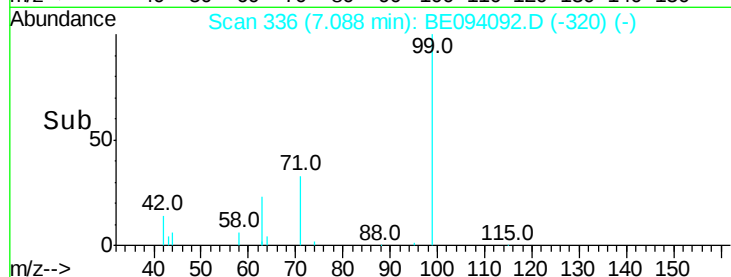
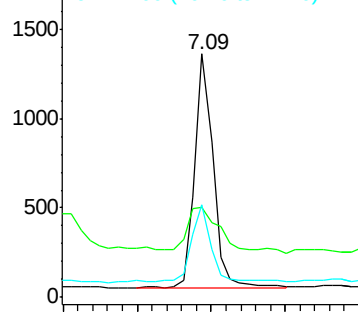
71 34.9 28.4 42.6



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: 0.146 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

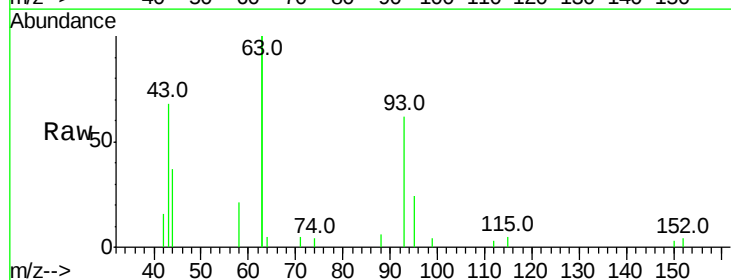
Tgt Ion: 93 Resp: 1576

Ion Ratio Lower Upper

93 100

63 371.1 275.3 412.9

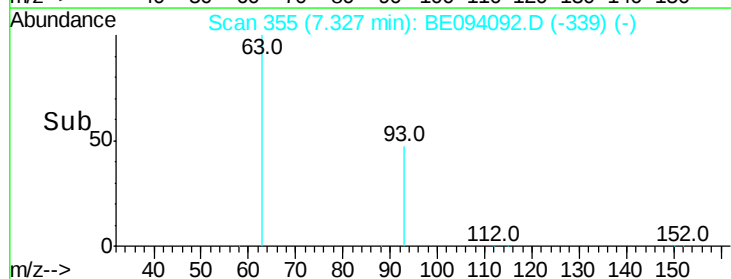
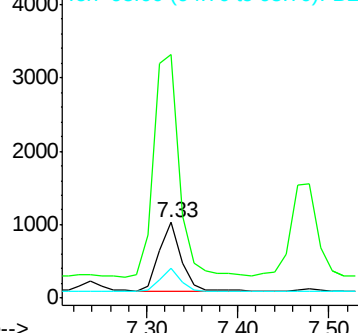
95 32.6 25.2 37.8

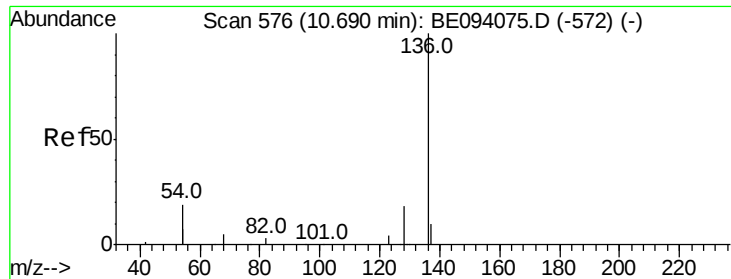


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

Tot Ion:136 Resp: 13279

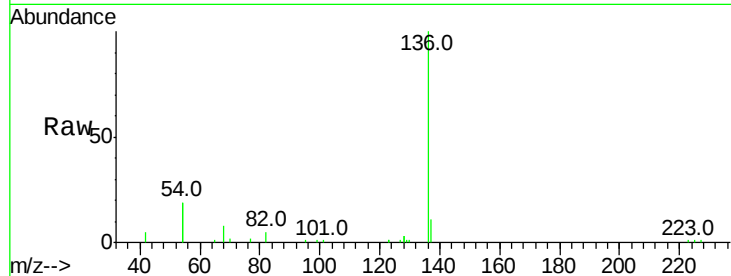
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 37.7 29.1 43.7

68 7.6 6.2 9.2

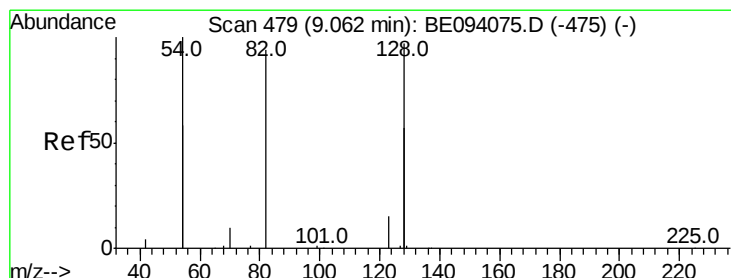
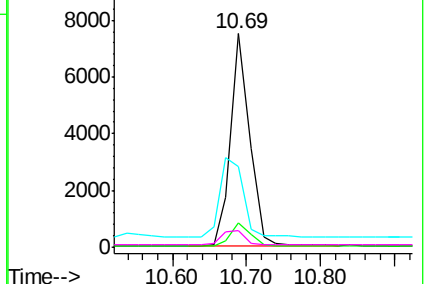
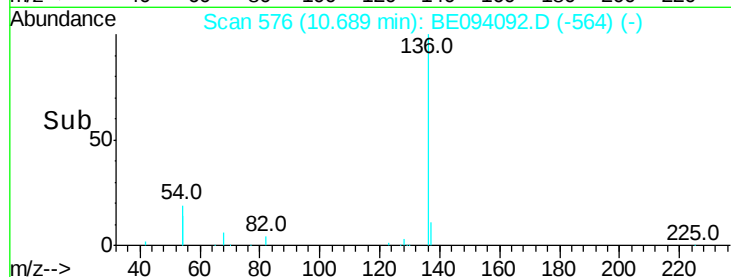


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.155 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

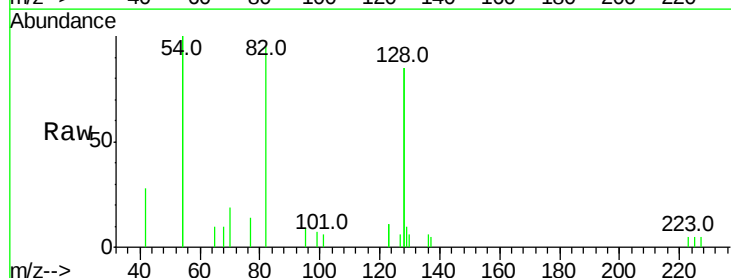
Tgt Ion: 82 Resp: 1829

Ion Ratio Lower Upper

82 100

128 177.3 150.0 225.0

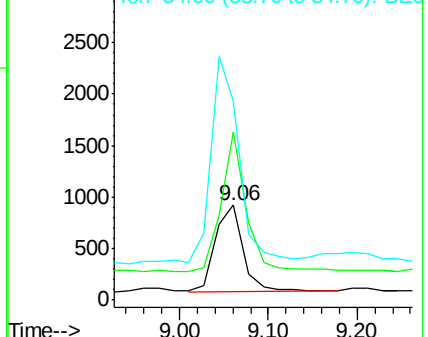
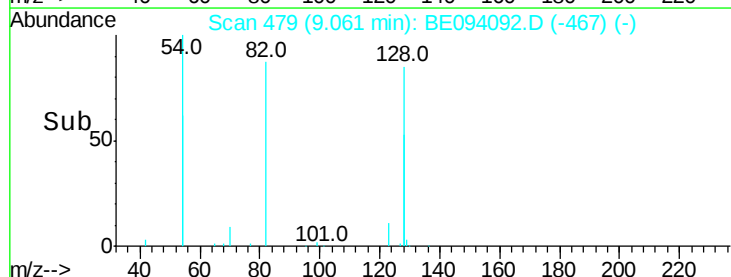
54 209.8 154.2 231.4

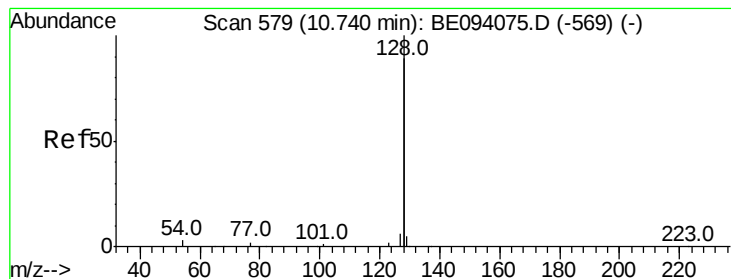


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.142 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

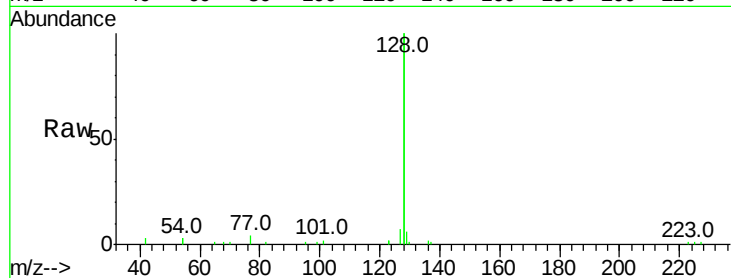
Tot Ion:128 Resp: 23989

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

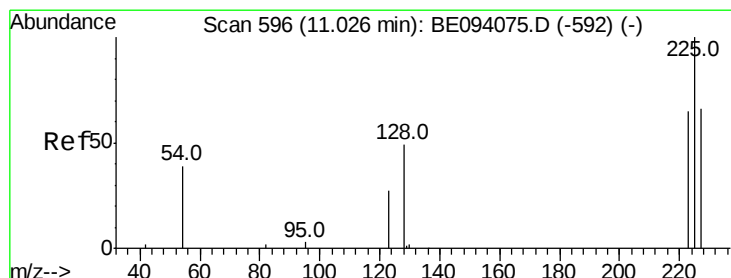
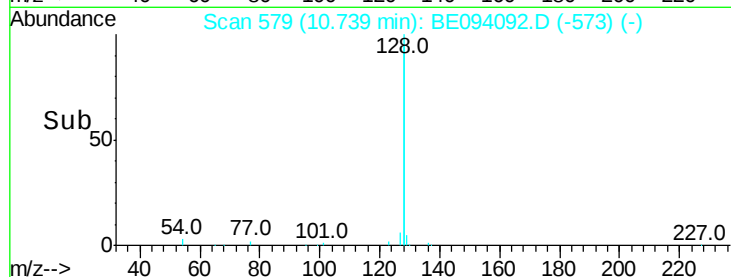
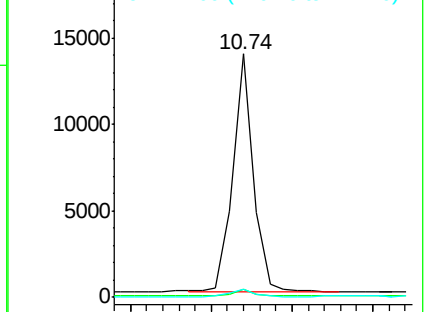
127 3.6 2.8 4.2



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: 0.136 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

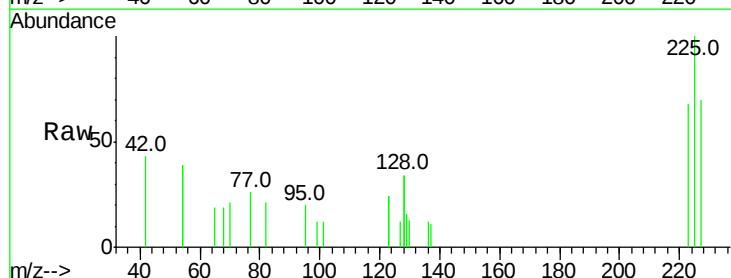
Tgt Ion:225 Resp: 729

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

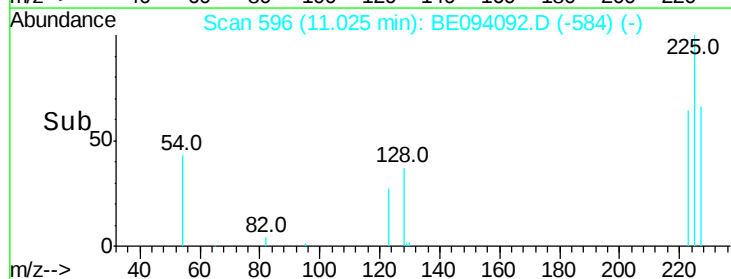
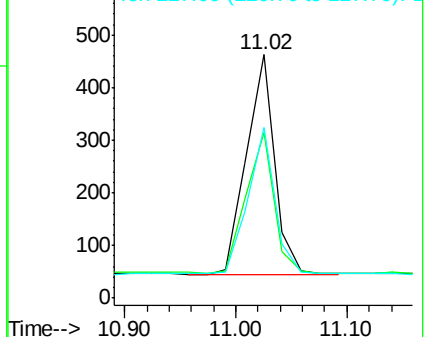
227 65.4 51.4 77.2

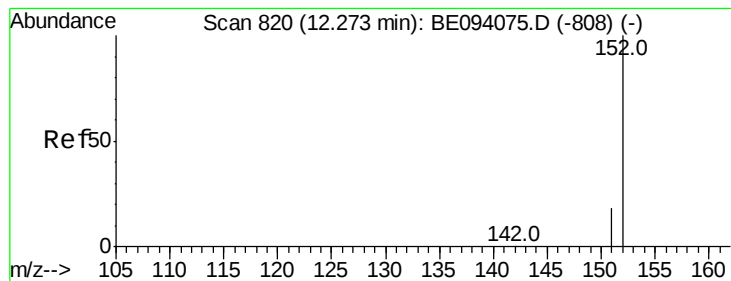


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.135 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

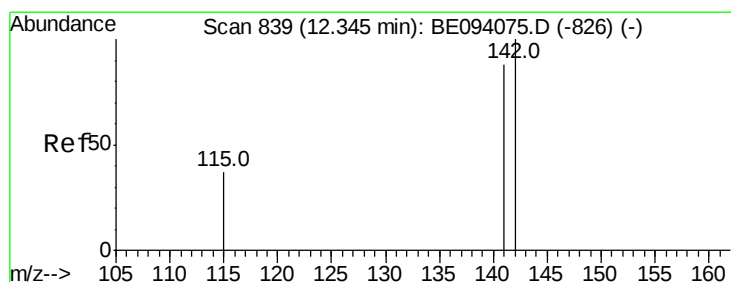
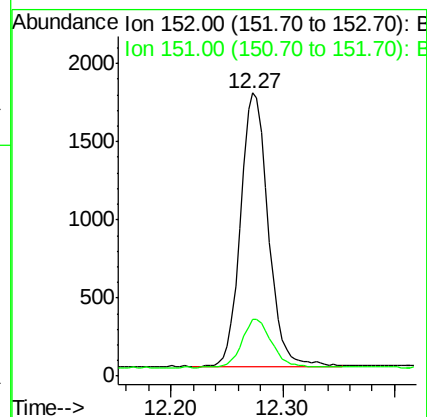
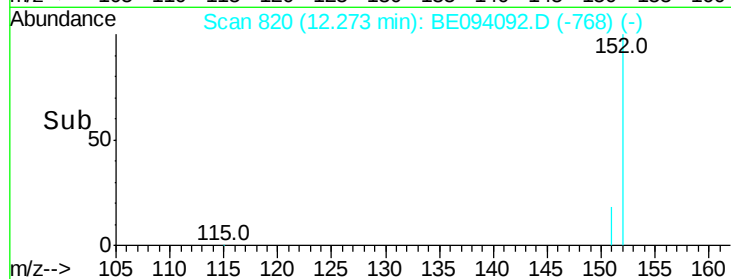
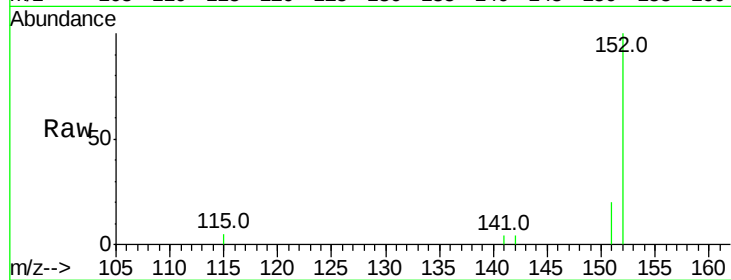
LT-TS-012

Tot Ion:152 Resp: 3027

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.155 ng

RT: 12.35 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

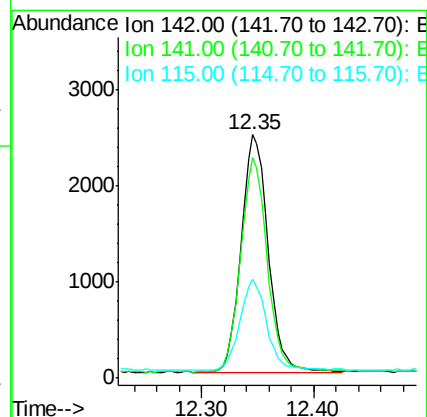
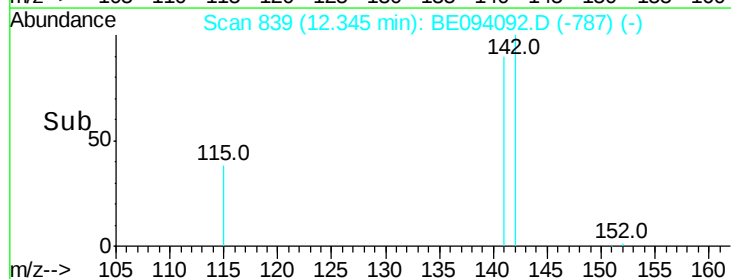
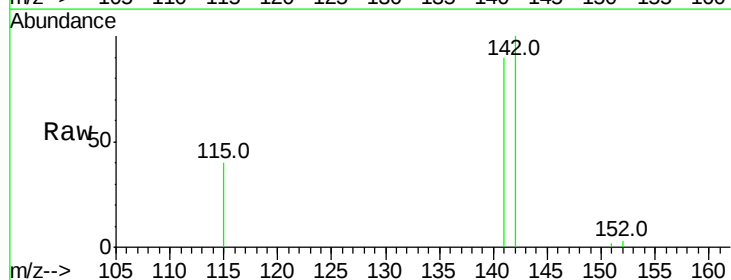
Tgt Ion:142 Resp: 4156

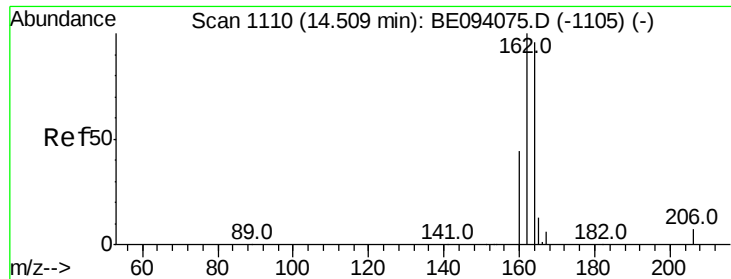
Ion Ratio Lower Upper

142 100

141 90.3 70.4 105.6

115 40.4 31.7 47.5

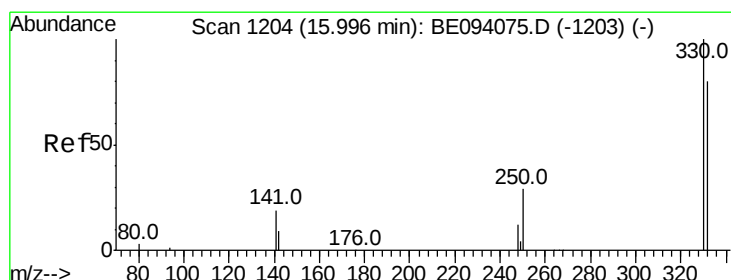
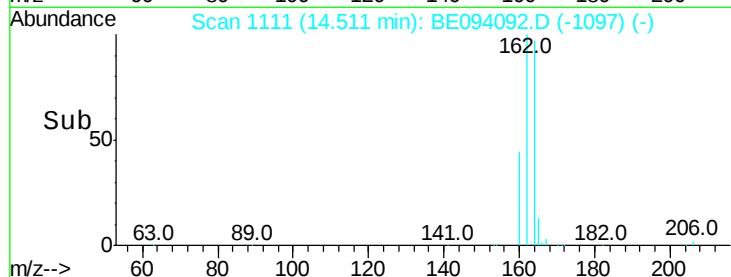
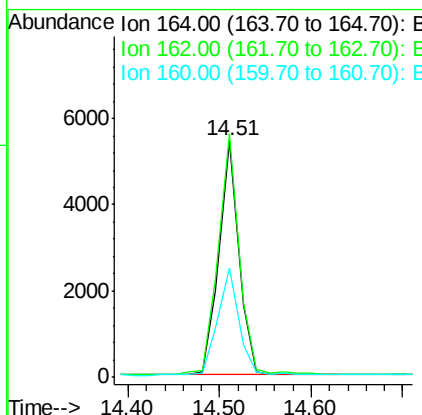
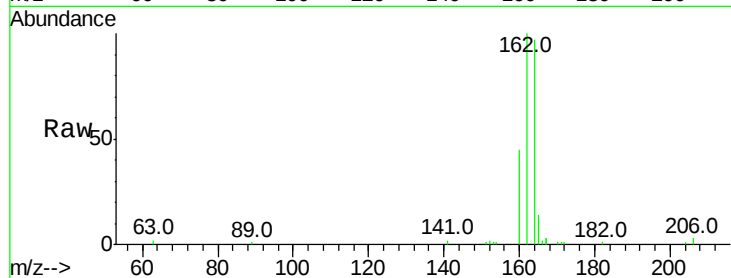




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094092.D
 Acq: 23 Sep 2017 23:49

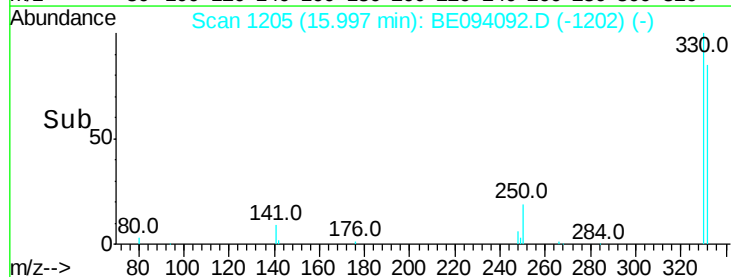
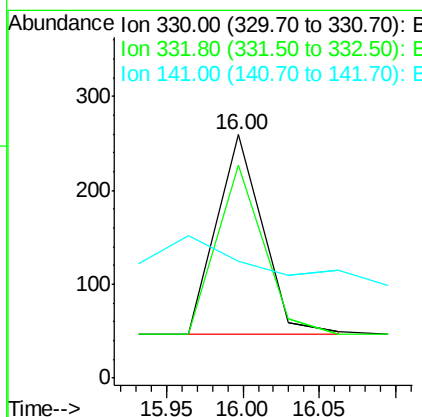
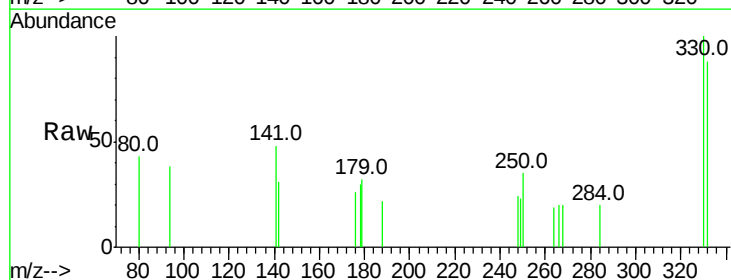
Instrument :
 BNA_E
 ClientSampleId :
 LT-TS-012

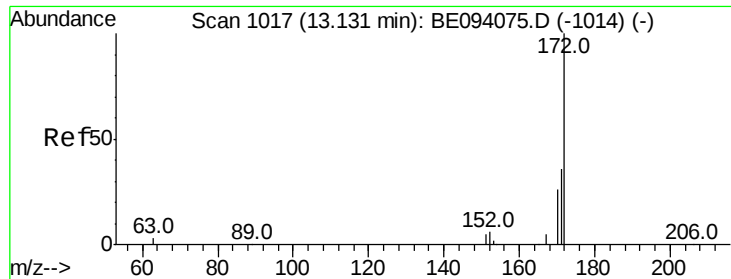
Tot Ion:164 Resp: 8124
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.1 124.7
 160 46.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.072 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094092.D
 Acq: 23 Sep 2017 23:49

Tgt Ion:330 Resp: 442
 Ion Ratio Lower Upper
 330 100
 332 88.0 152.7 229.1#
 141 0.0 33.7 50.5#

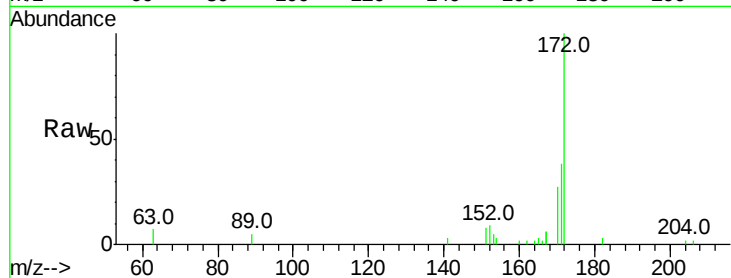




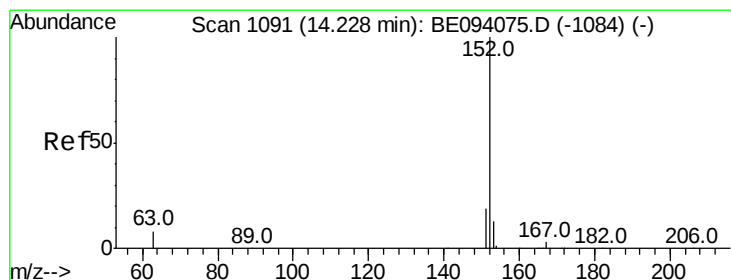
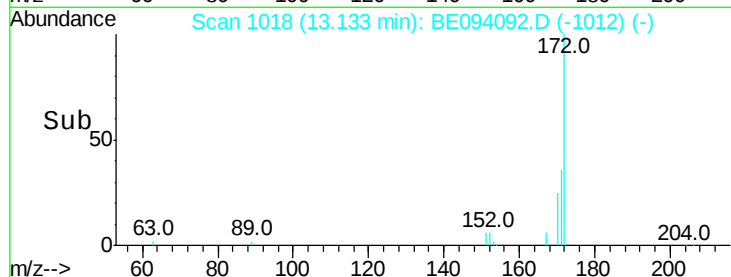
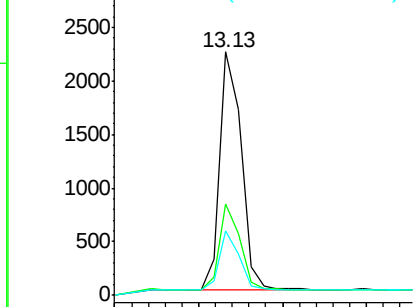
#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094092.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_E
ClientSampleId :
LT-TS-012

Tot Ion:172 Resp: 4017
Ion Ratio Lower Upper
172 100
171 37.7 29.9 44.9
170 26.5 21.8 32.8

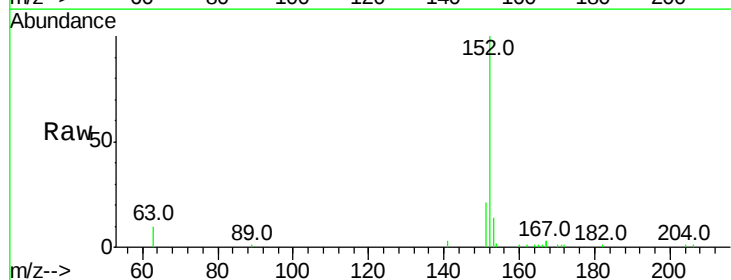


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

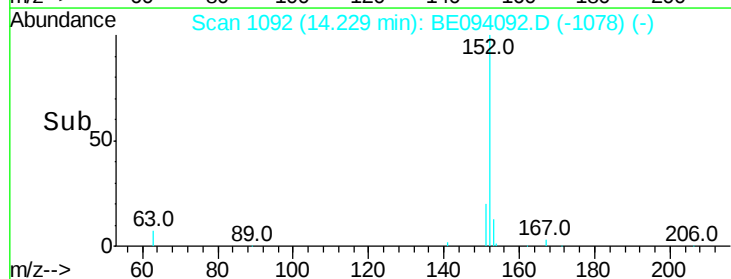
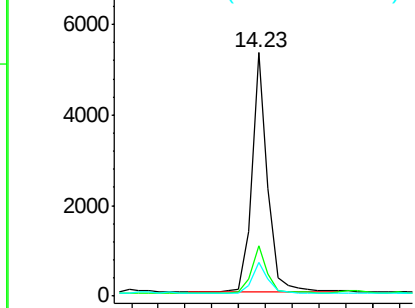


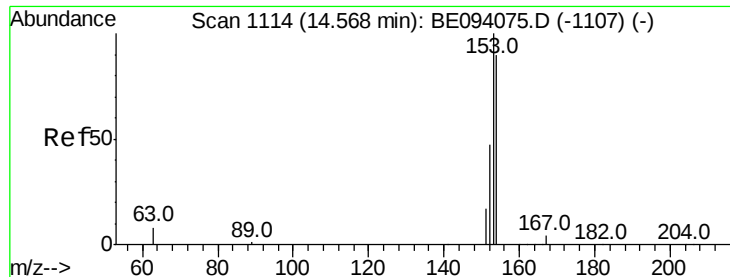
#16
Acenaphthylene
Concen: 0.210 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094092.D
Acq: 23 Sep 2017 23:49

Tgt Ion:152 Resp: 8574
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.165 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

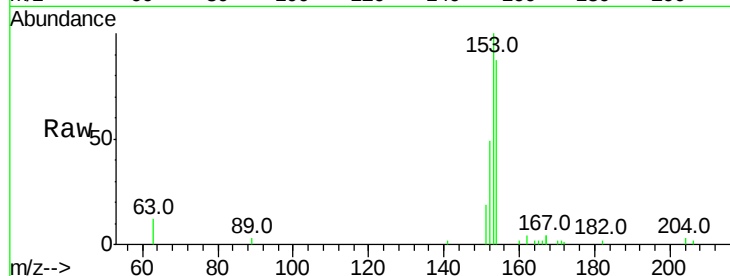
Tot Ion:154 Resp: 4486

Ion Ratio Lower Upper

154 100

153 114.3 89.2 133.8

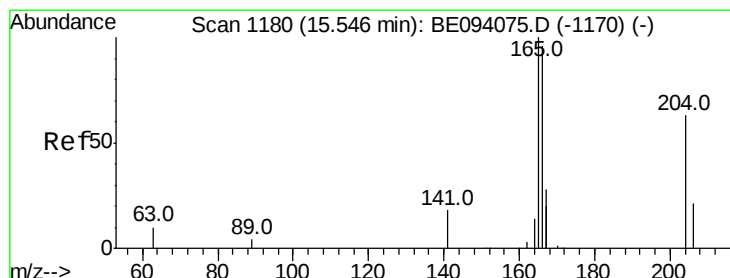
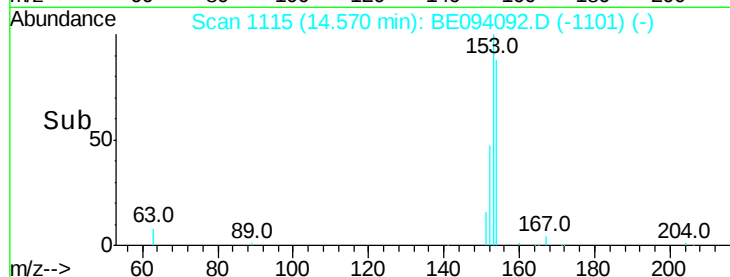
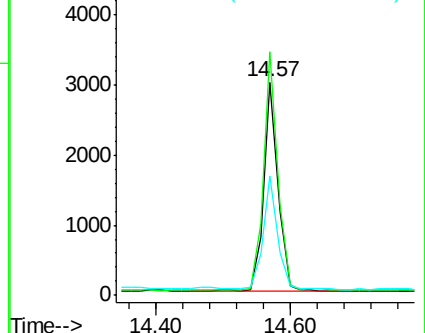
152 54.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.151 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.02 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

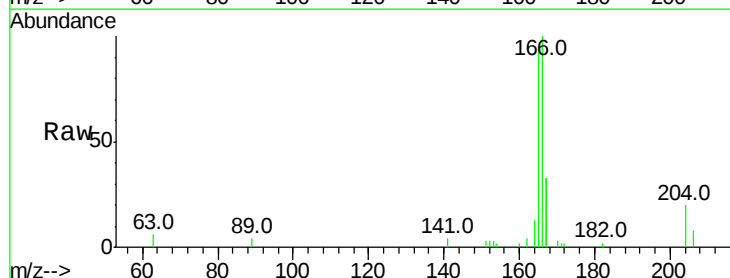
Tgt Ion:166 Resp: 6111

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

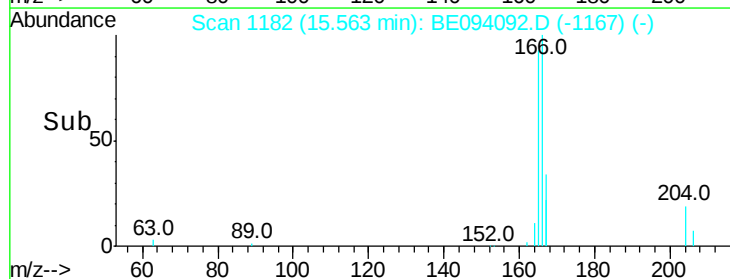
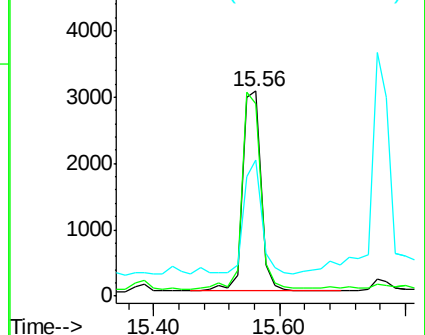
167 54.3 42.4 63.6

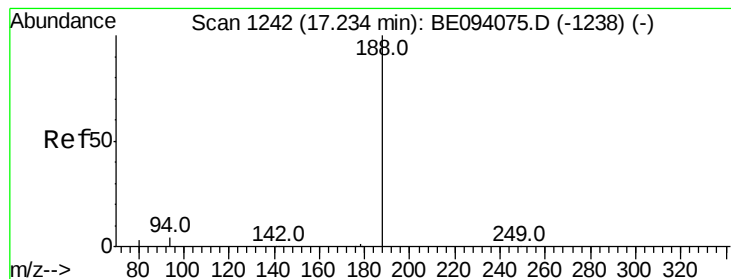


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

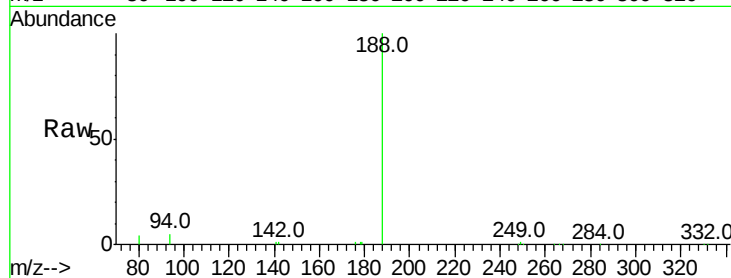
Tot Ion:188 Resp: 24319

Ion Ratio Lower Upper

188 100

94 4.6 3.9 5.9

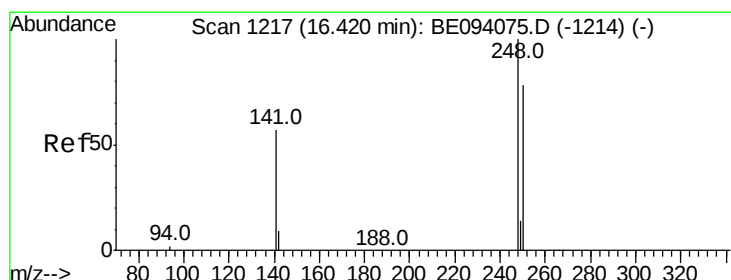
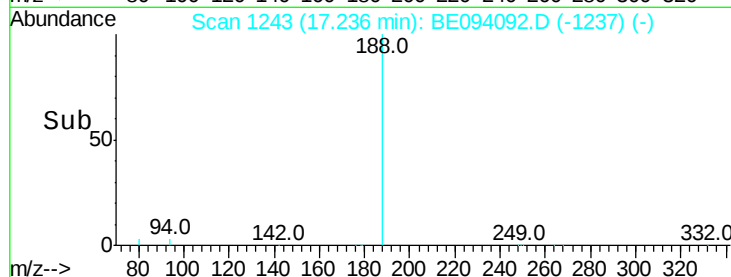
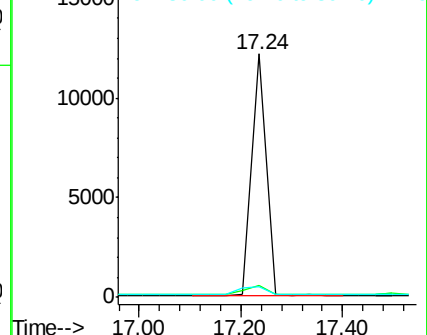
80 4.3 3.6 5.4



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: 0.142 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

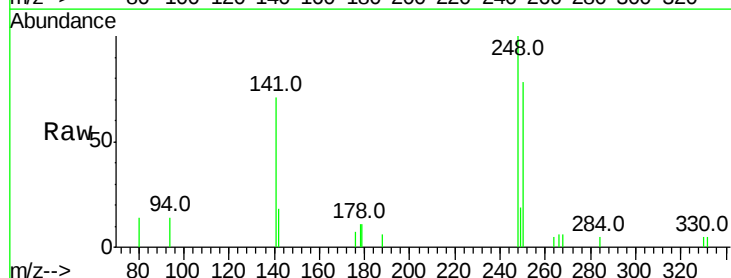
Tgt Ion:248 Resp: 1848

Ion Ratio Lower Upper

248 100

250 78.0 62.7 94.1

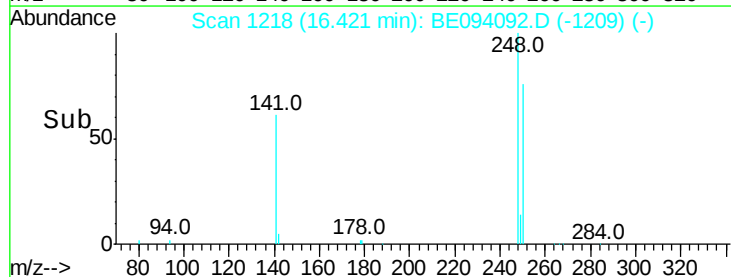
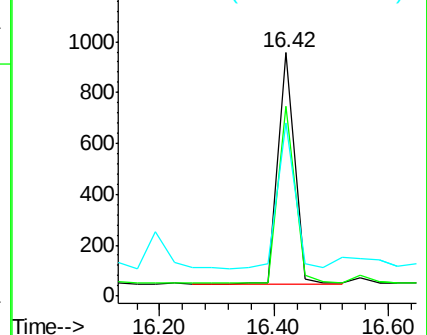
141 71.3 48.2 72.2

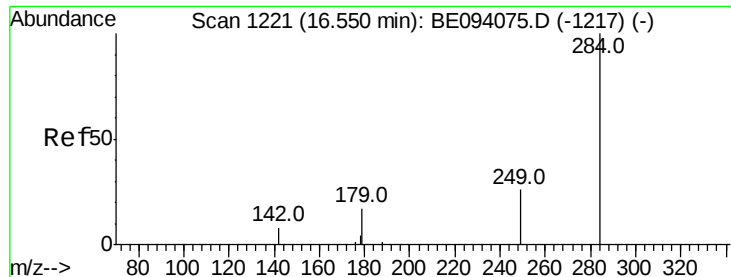


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

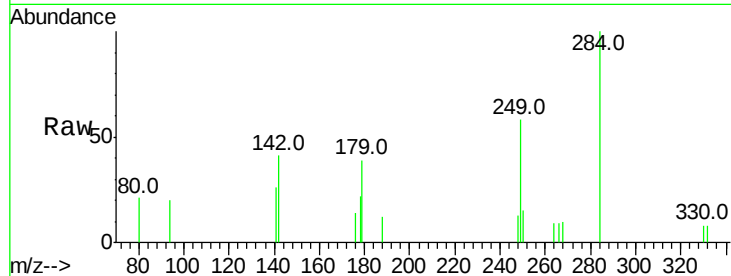




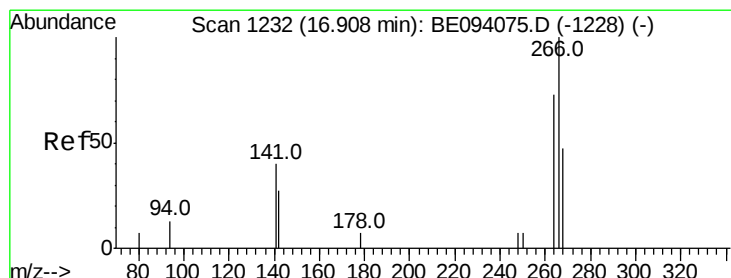
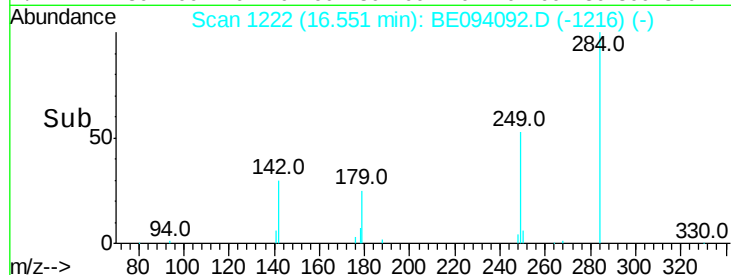
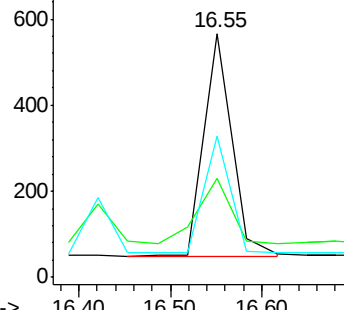
#21
Hexachlorobenzene
Concen: 0.115 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094092.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_E
ClientSampleId :
LT-TS-012

Tot Ion:284 Resp: 1101
Ion Ratio Lower Upper
284 100
142 35.9 22.1 33.1#
249 48.5 34.8 52.2

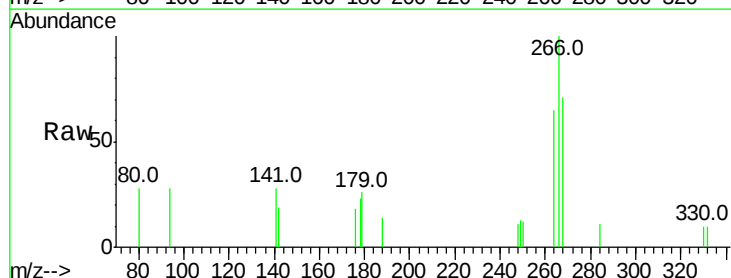


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

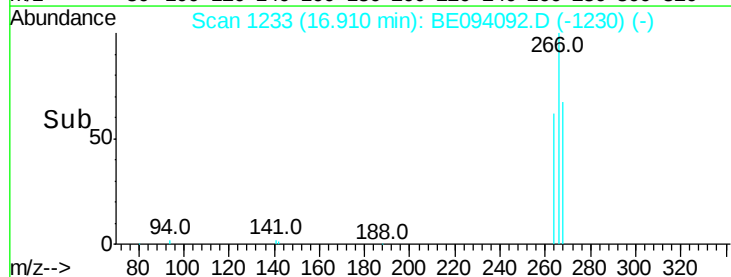
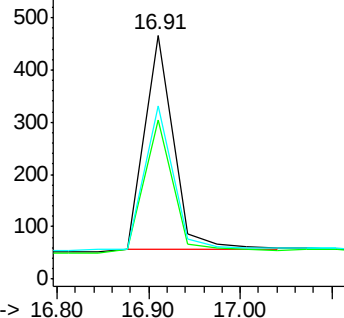


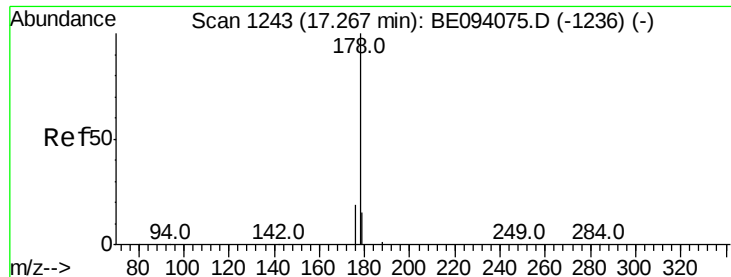
#22
Pentachlorophenol
Concen: 1.319 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094092.D
Acq: 23 Sep 2017 23:49

Tgt Ion:266 Resp: 896
Ion Ratio Lower Upper
266 100
264 65.2 72.5 108.7#
268 71.2 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: 0.432 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

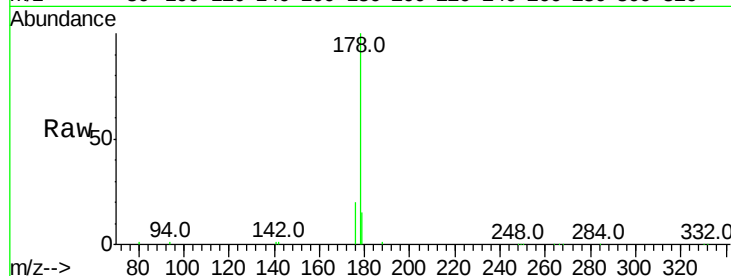
Tot Ion:178 Resp: 37596

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

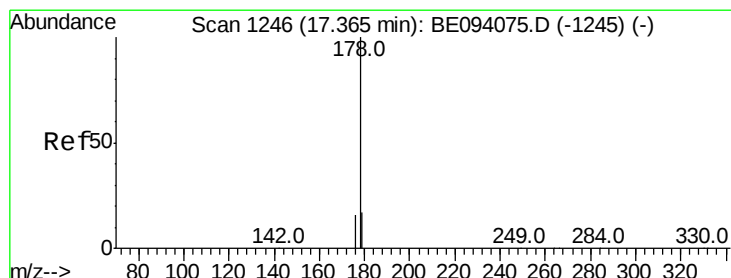
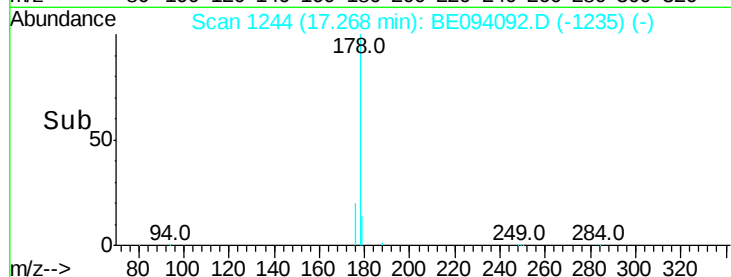
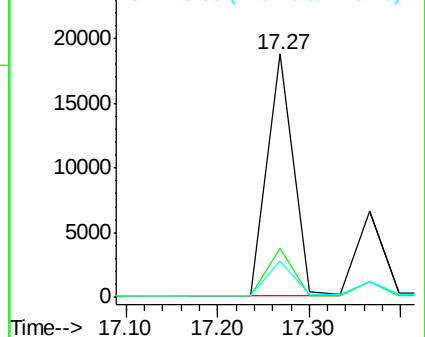
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.202 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

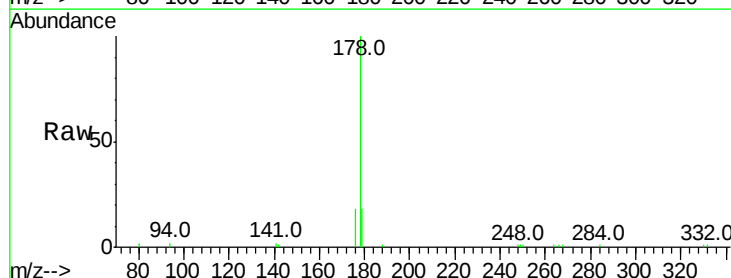
Tgt Ion:178 Resp: 13548

Ion Ratio Lower Upper

178 100

176 16.1 12.8 19.2

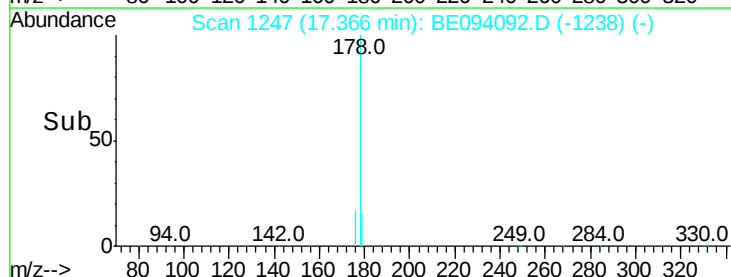
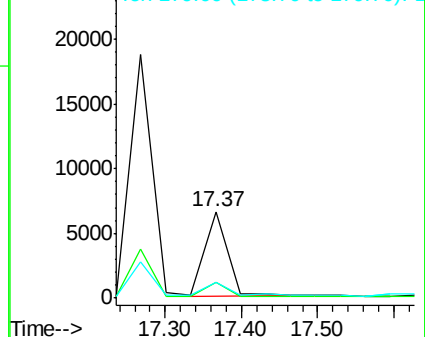
179 18.5 13.0 19.6

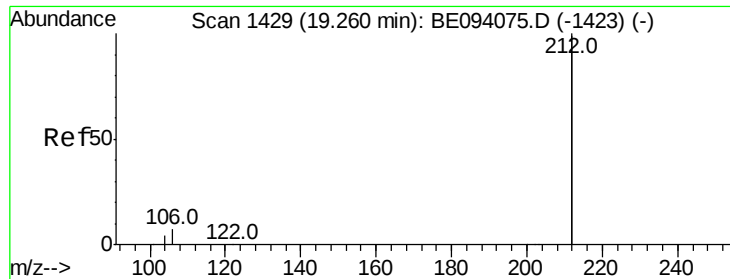


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.075 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

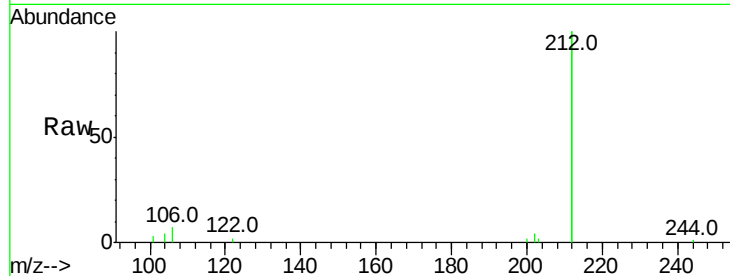
Tot Ion:212 Resp: 23388

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

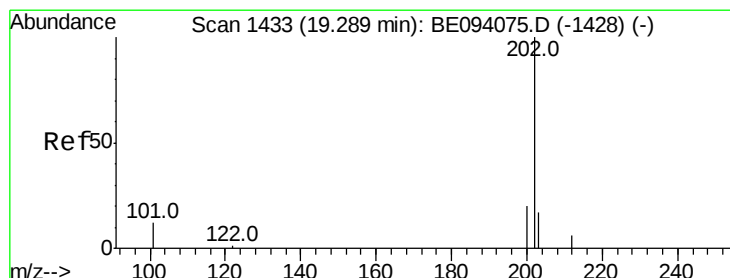
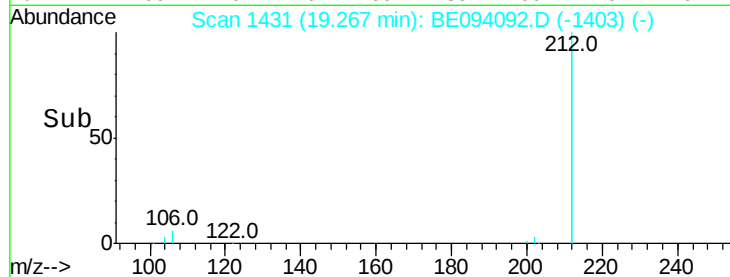
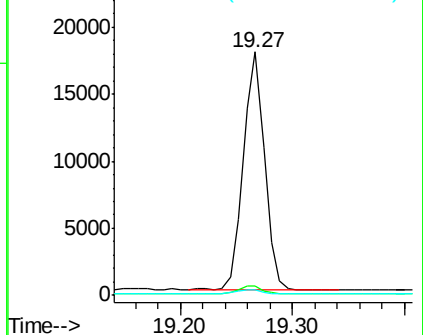
104 2.0 1.6 2.4



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: 0.575 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

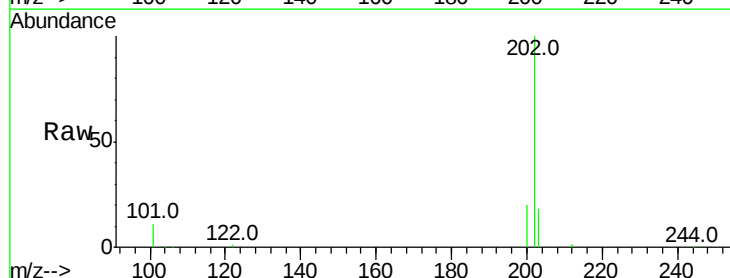
Tgt Ion:202 Resp: 53711

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

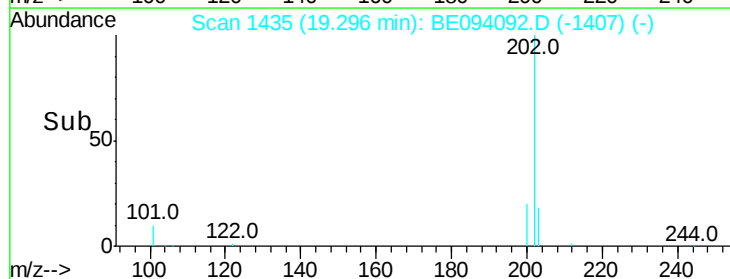
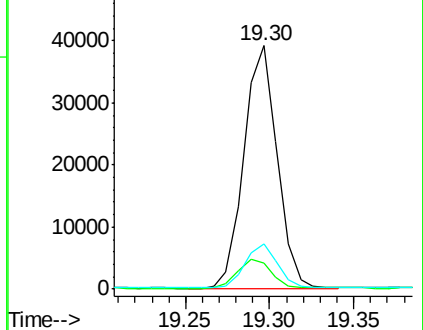
203 17.5 13.7 20.5

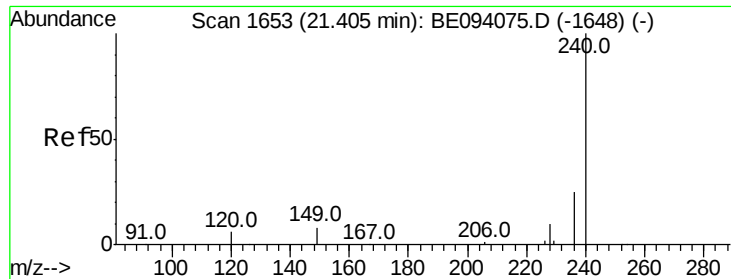


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

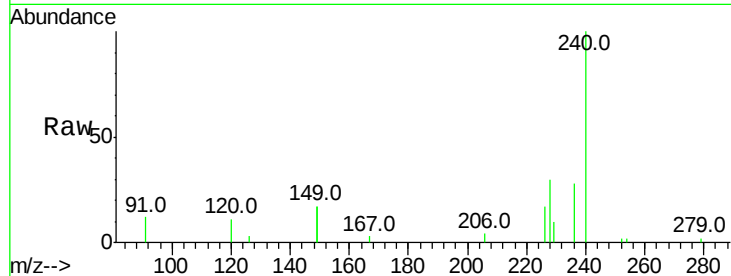
Tot Ion:240 Resp: 14793

Ion Ratio Lower Upper

240 100

120 11.1 5.5 8.3#

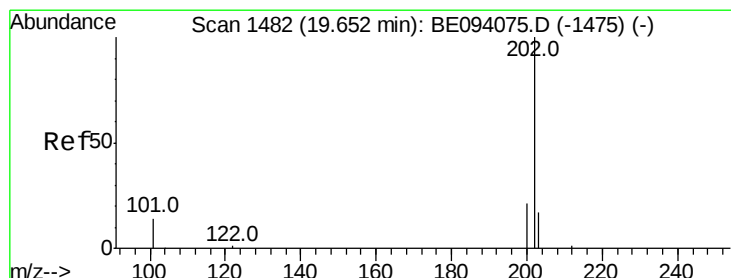
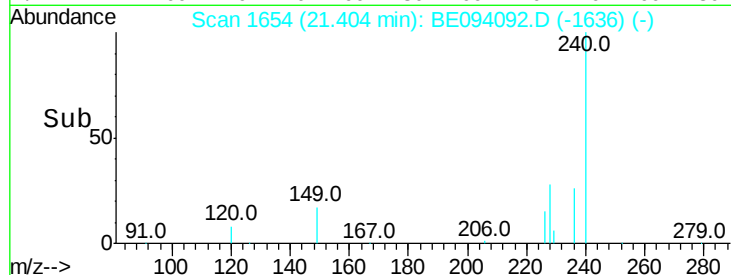
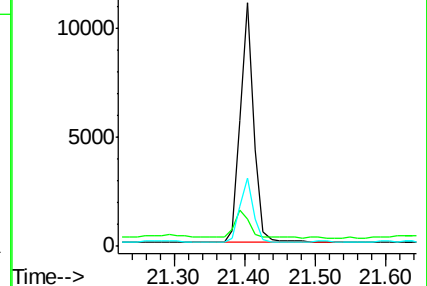
236 27.8 20.7 31.1



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: 1.302 ng

RT: 19.66 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

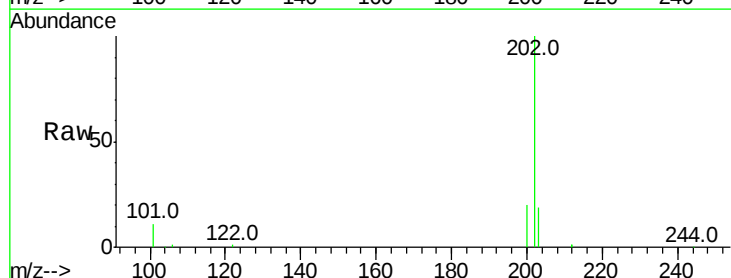
Tgt Ion:202 Resp: 53281

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

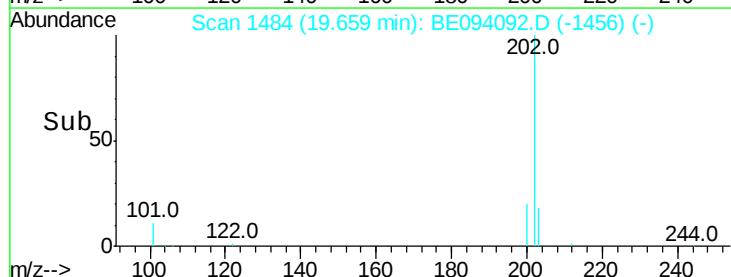
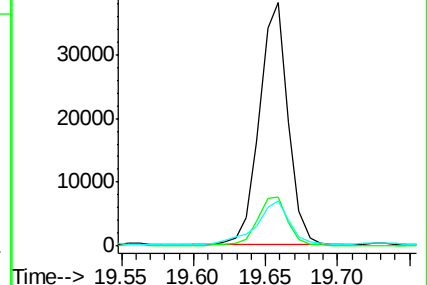
203 21.0 13.8 20.8#

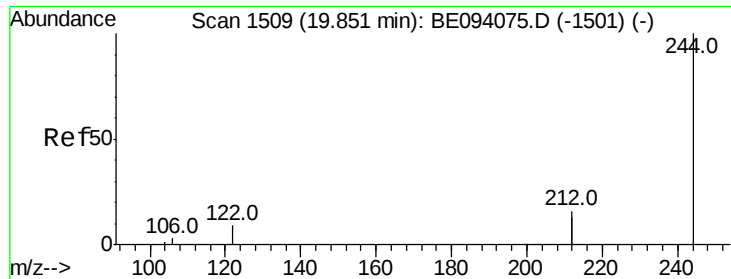


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.154 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

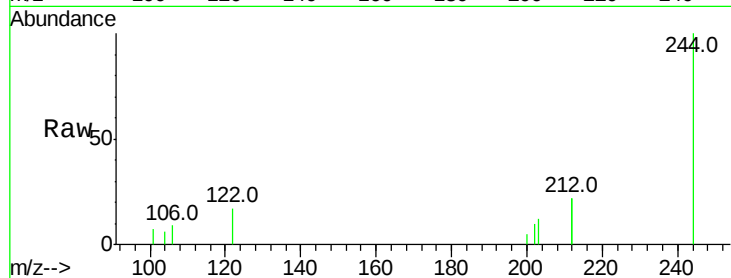
Tot Ion:244 Resp: 3563

Ion Ratio Lower Upper

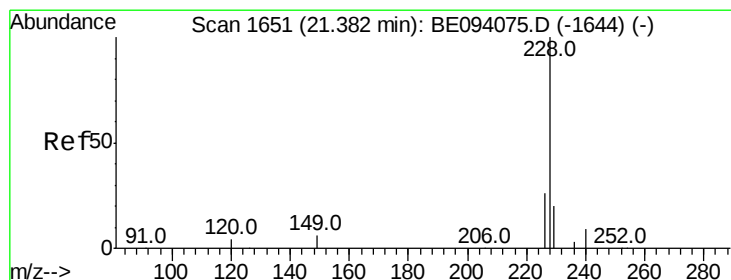
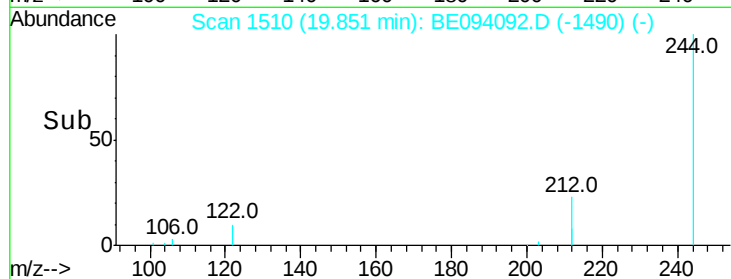
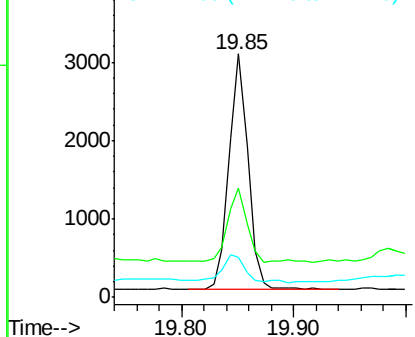
244 100

212 45.0 25.4 38.0#

122 16.7 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: 0.551 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

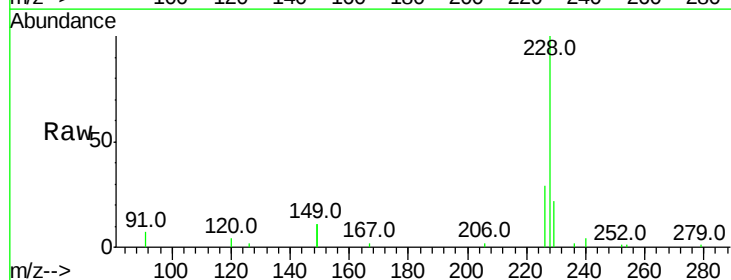
Tgt Ion:228 Resp: 27304

Ion Ratio Lower Upper

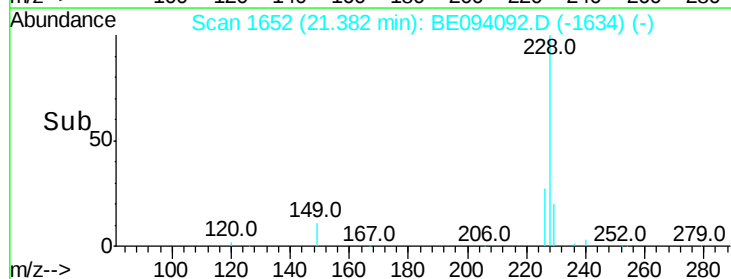
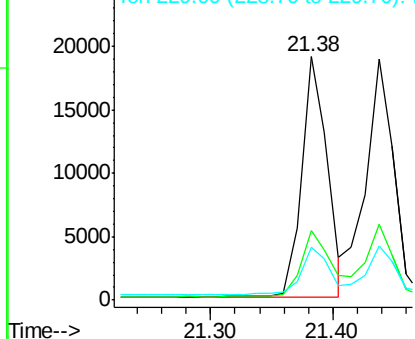
228 100

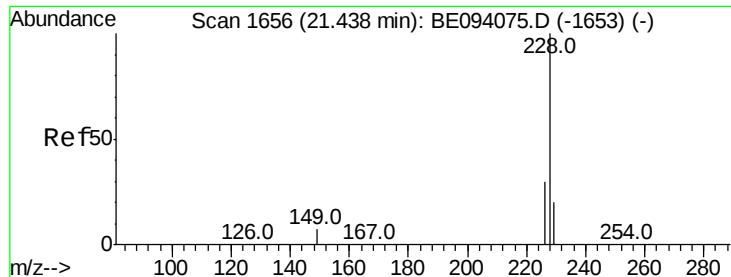
226 28.5 21.4 32.0

229 21.8 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: 0.615 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampled :

LT-TS-012

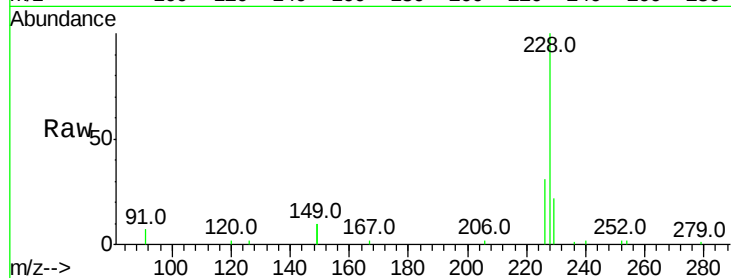
Tot Ion:228 Resp: 29871

Ion Ratio Lower Upper

228 100

226 31.2 23.6 35.4

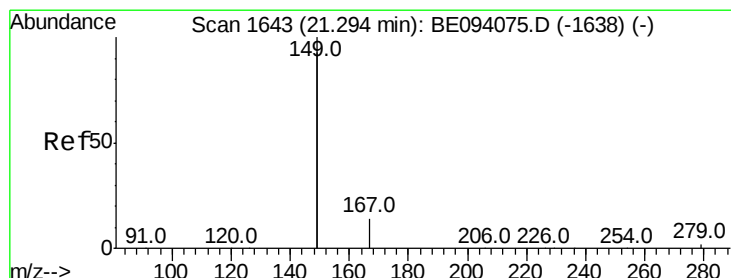
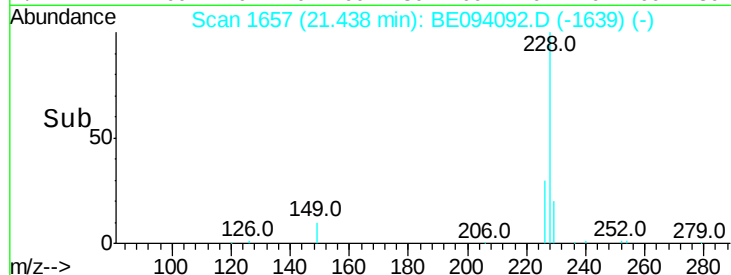
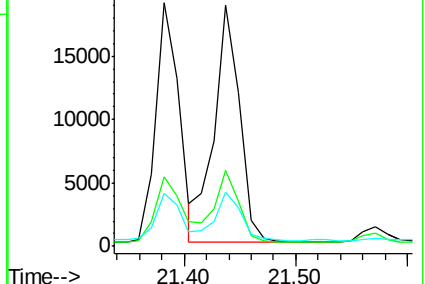
229 22.3 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.079 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

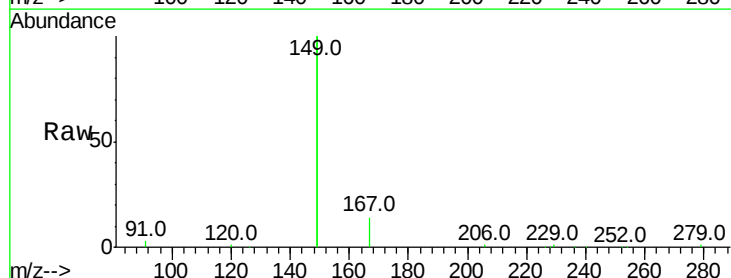
Tgt Ion:149 Resp: 143605

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

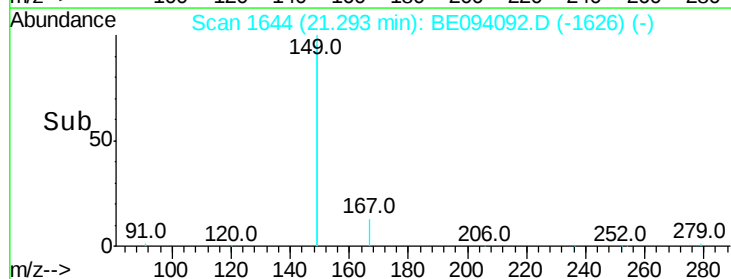
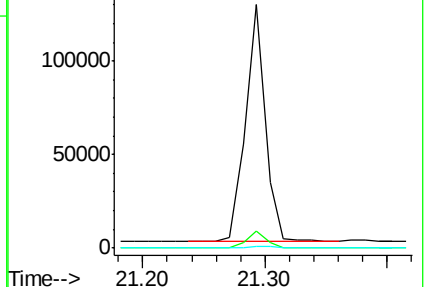
279 0.9 0.7 1.1

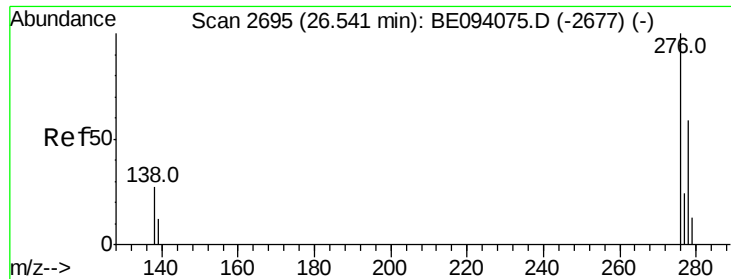


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.494 ng

RT: 26.55 min Scan# 2698

Delta R.T. 0.01 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

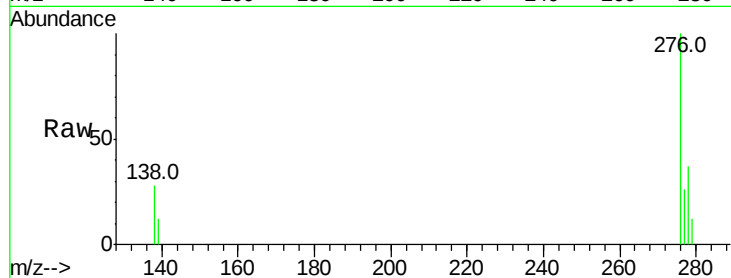
Tot Ion:276 Resp: 18553

Ion Ratio Lower Upper

276 100

138 25.8 22.5 33.7

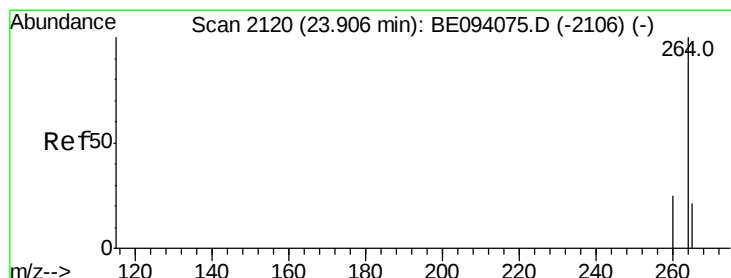
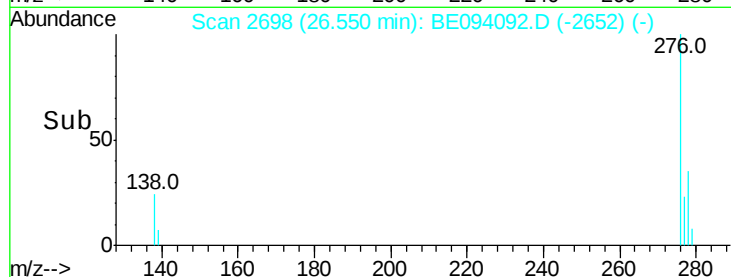
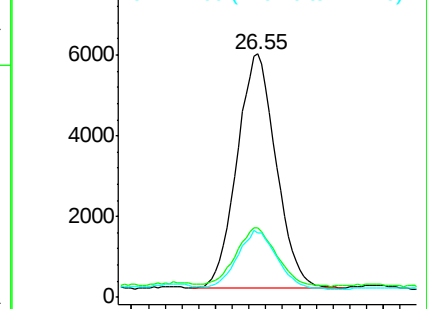
277 25.3 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

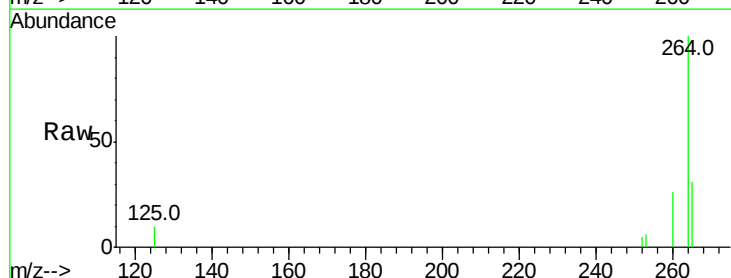
Tgt Ion:264 Resp: 14467

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

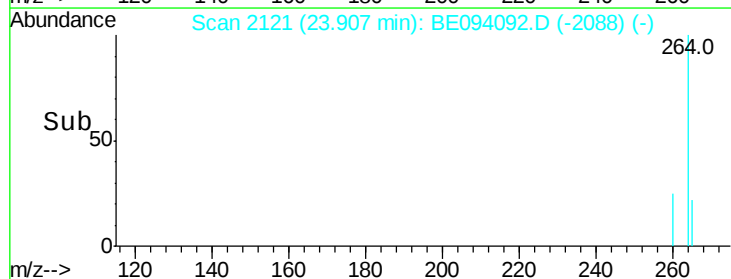
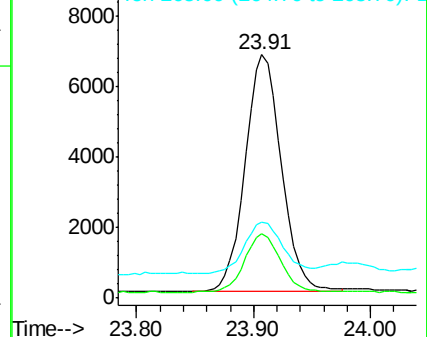
265 31.0 22.8 34.2

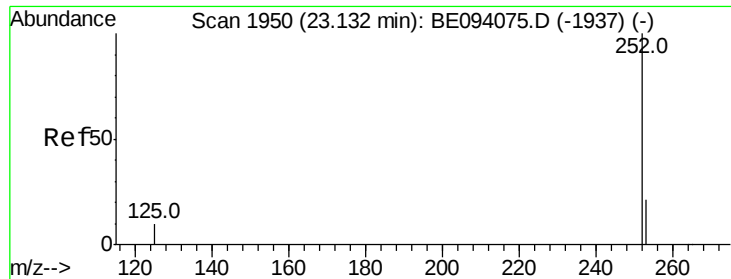


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.631 ng

RT: 23.14 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

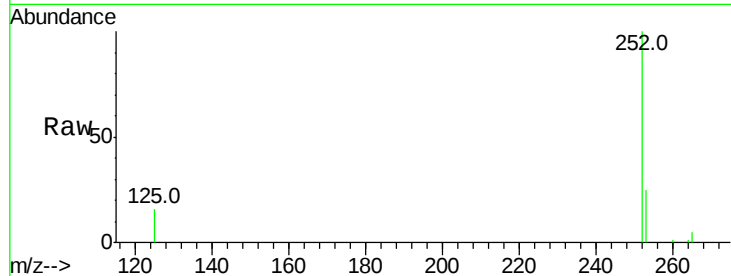
Tot Ion:252 Resp: 33032

Ion Ratio Lower Upper

252 100

253 24.6 18.2 27.2

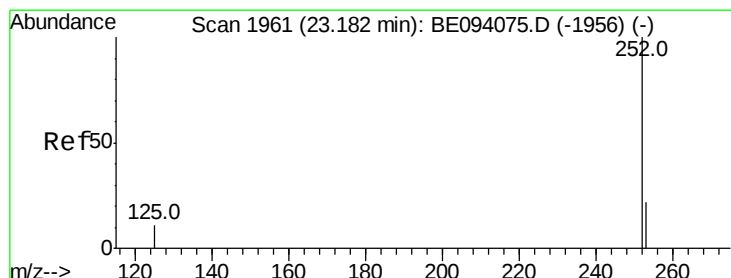
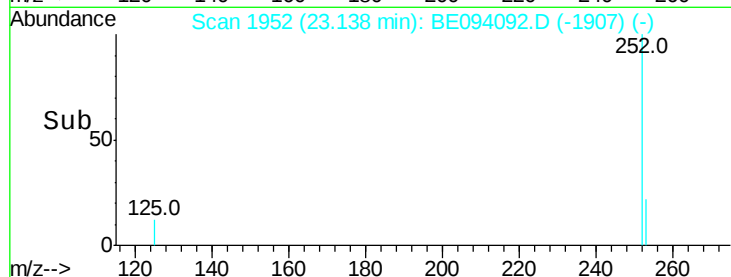
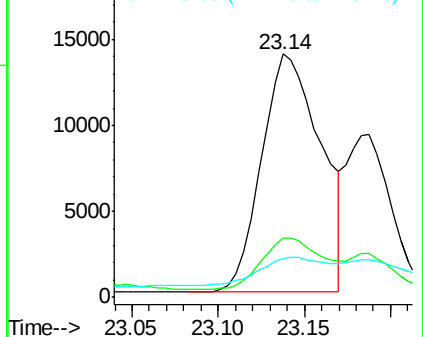
125 16.2 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.274 ng

RT: 23.19 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

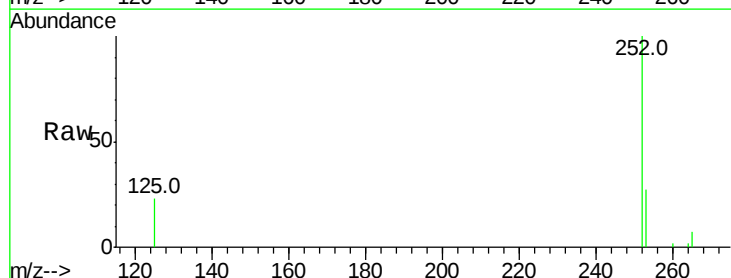
Tgt Ion:252 Resp: 14369

Ion Ratio Lower Upper

252 100

253 26.9 18.6 27.8

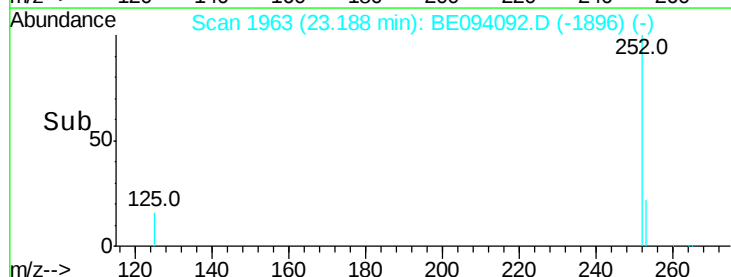
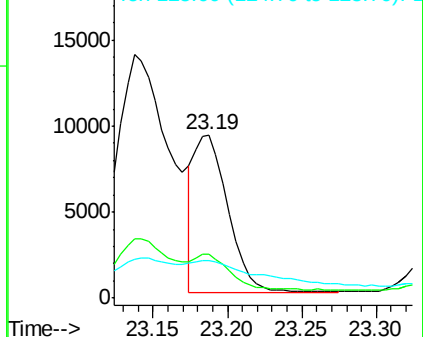
125 22.9 10.7 16.1#

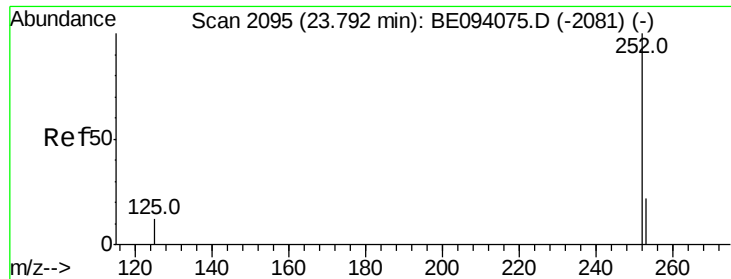


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.535 ng

RT: 23.79 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

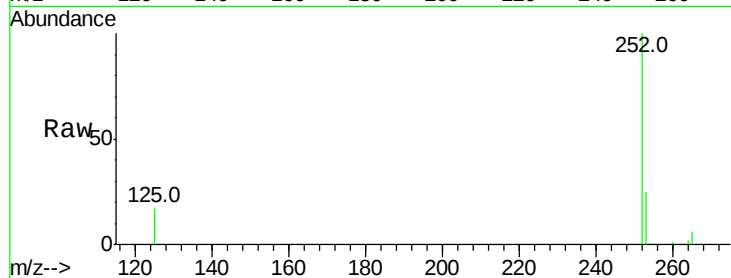
Tot Ion:252 Resp: 25150

Ion Ratio Lower Upper

252 100

253 25.0 19.0 28.6

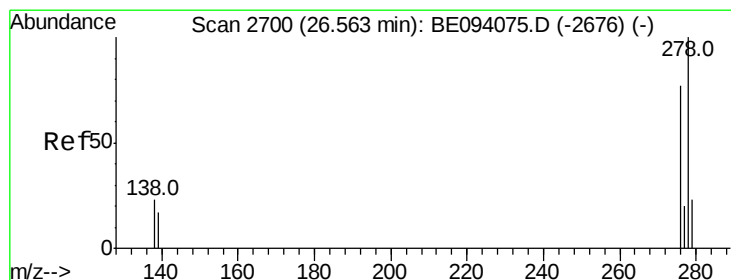
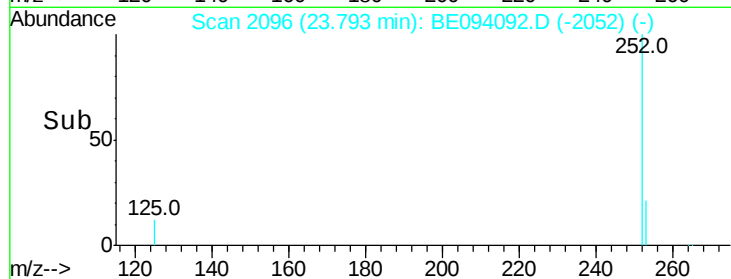
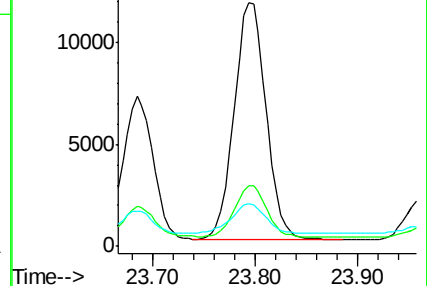
125 17.4 11.8 17.8



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: 0.213 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.00 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

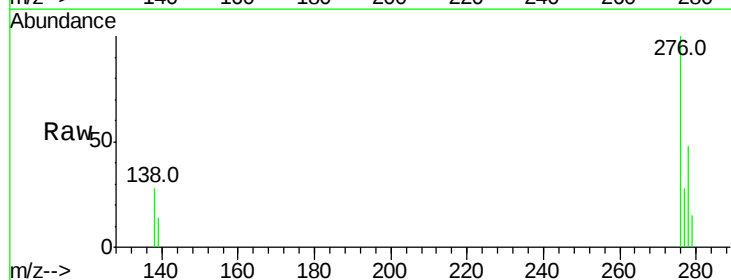
Tgt Ion:278 Resp: 8011

Ion Ratio Lower Upper

278 100

139 29.2 16.3 24.5#

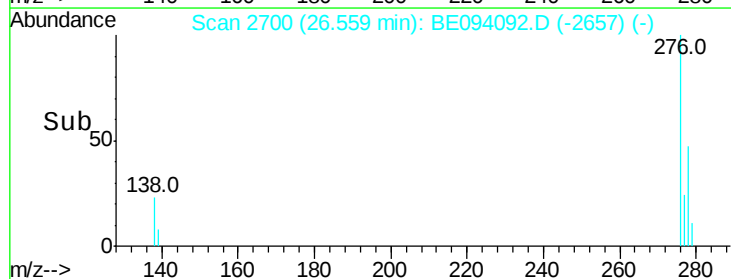
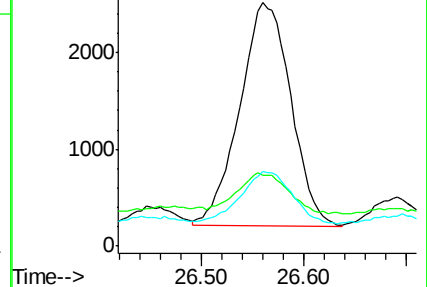
279 30.8 19.9 29.9#

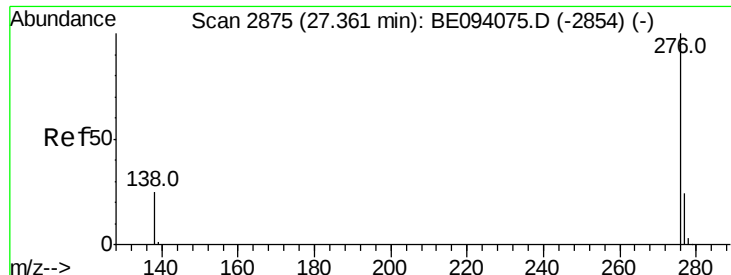


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.480 ng

RT: 27.37 min Scan# 2878

Delta R.T. 0.01 min

Lab File: BE094092.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_E

ClientSampleId :

LT-TS-012

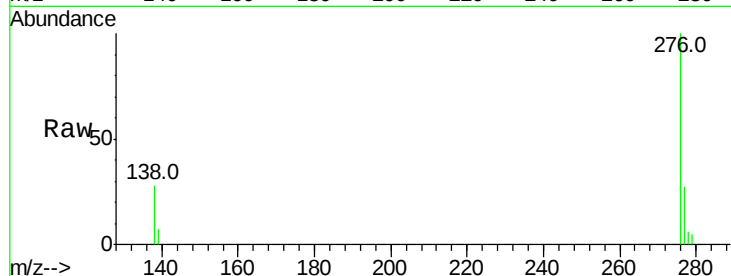
Tot Ion:276 Resp: 18057

Ion Ratio Lower Upper

276 100

277 27.2 20.8 31.2

138 28.2 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

