

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092817\
 Data File : BE094136.D
 Acq On : 28 Sep 2017 18:51
 Operator : SJ/JU
 Sample : PB102676BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102676BS

Quant Time: Sep 29 13:56:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1993	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8633	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4501	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15070	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15182	0.40	ng	0.00
34) Perylene-d12	23.91	264	14526	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	2078	0.28	ng	0.00
5) Phenol-d6	7.09	99	2756	0.26	ng	0.00
8) Nitrobenzene-d5	9.06	82	2406	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4218	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	473	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5332	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	48998	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	8365	0.30	ng	0.00

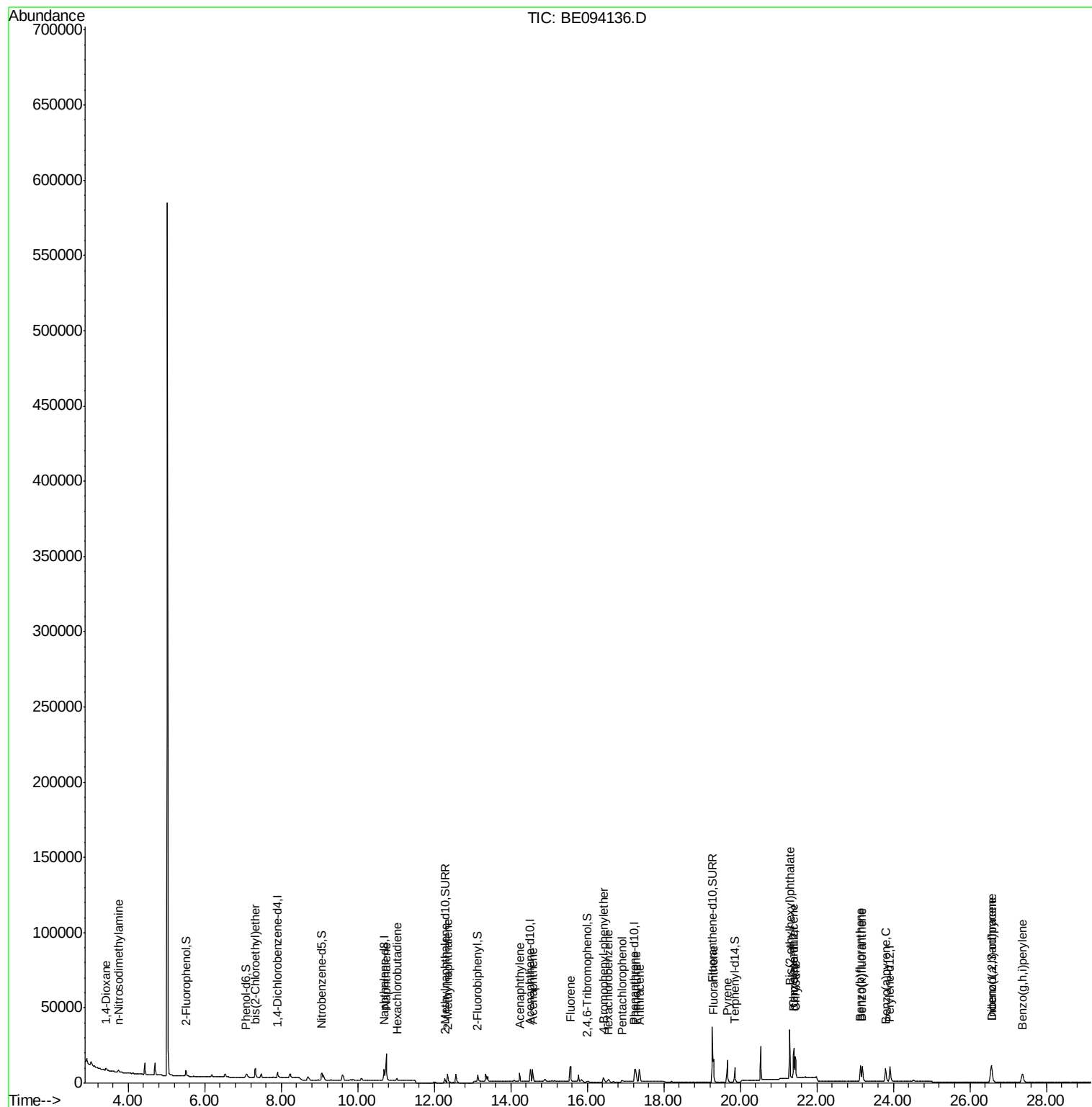
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	892	0.230	ng	# 9
3) n-Nitrosodimethylamine	3.74	42	1420	0.286	ng	# 81
6) bis(2-Chloroethyl)ether	7.33	93	2292	0.282	ng	88
9) Naphthalene	10.74	128	29932	0.307	ng	100
10) Hexachlorobutadiene	11.03	225	1132	0.310	ng	97
12) 2-Methylnaphthalene	12.35	142	4724	0.299	ng	98
16) Acenaphthylene	14.23	152	6564	0.291	ng	99
17) Acenaphthene	14.57	154	4398	0.312	ng	98
18) Fluorene	15.56	166	5596	0.292	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	1786	0.289	ng	# 81
21) Hexachlorobenzene	16.55	284	1347	0.345	ng	# 87
22) Pentachlorophenol	16.91	266	1291	0.361	ng	# 73
23) Phenanthrene	17.27	178	12288	0.319	ng	98
24) Anthracene	17.37	178	12506	0.309	ng	97
26) Fluoranthene	19.30	202	13435	0.311	ng	99
28) Pyrene	19.66	202	13925	0.289	ng	99
30) Benzo(a)anthracene	21.38	228	15049	0.294	ng	98
31) Chrysene	21.44	228	14684	0.298	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	35334	0.144	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	15442	0.292	ng	99
35) Benzo(b)fluoranthene	23.14	252	14503	0.277	ng	97
36) Benzo(k)fluoranthene	23.19	252	14962	0.298	ng	98
37) Benzo(a)pyrene	23.80	252	14225	0.300	ng	98
38) Dibenzo(a,h)anthracene	26.57	278	12914	0.288	ng	99
39) Benzo(g,h,i)perylene	27.38	276	12995	0.293	ng	99

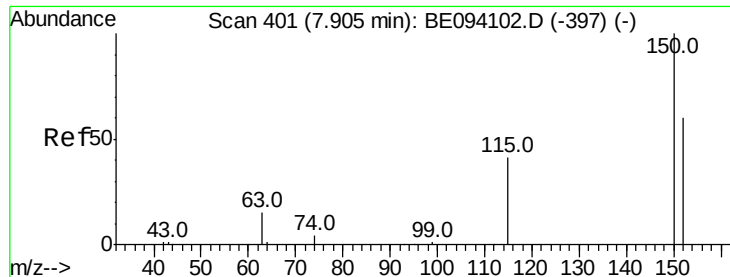
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

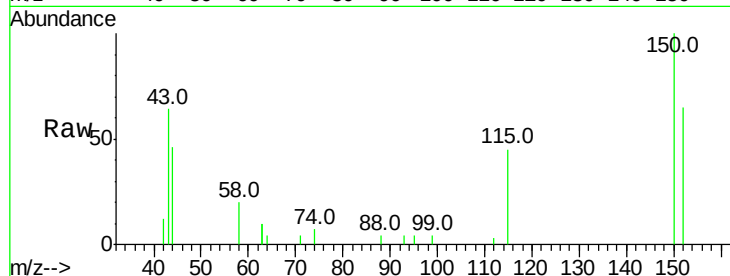
Tot Ion:152 Resp: 1993

Ion Ratio Lower Upper

152 100

150 154.2 117.2 175.8

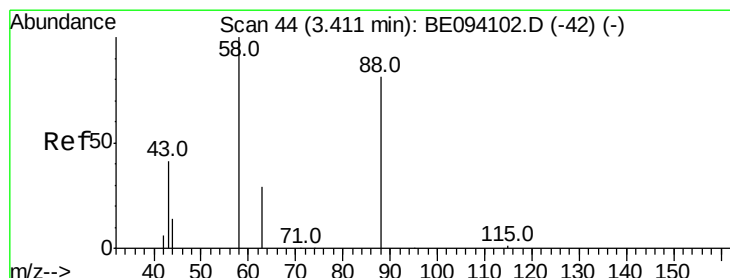
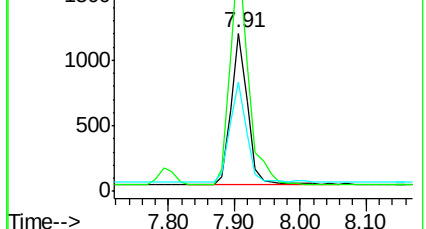
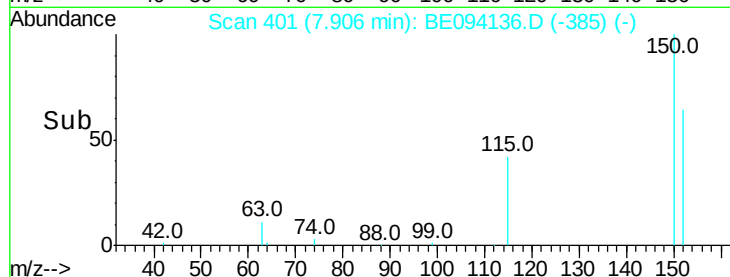
115 68.9 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.230 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

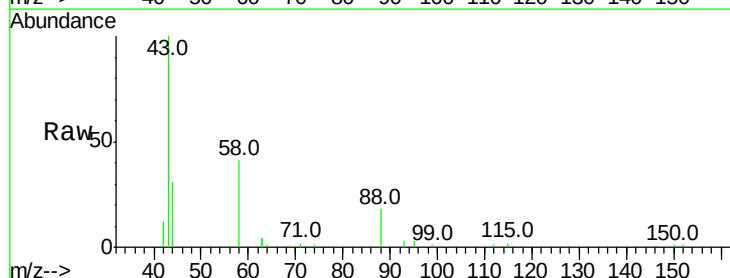
Tgt Ion: 88 Resp: 892

Ion Ratio Lower Upper

88 100

58 168.4 63.2 94.8#

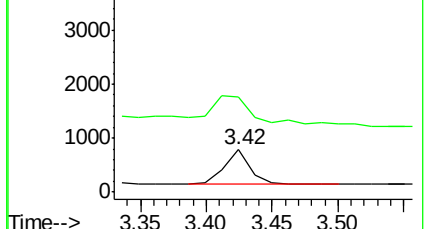
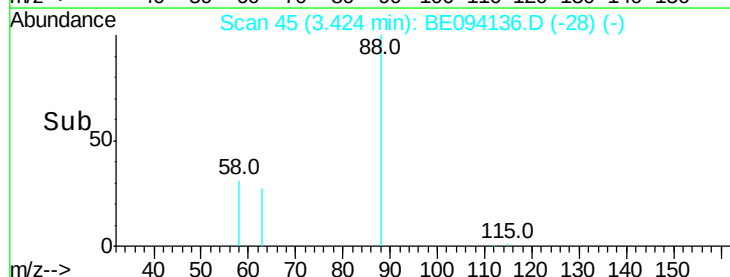
43 0.0 41.2 61.8#

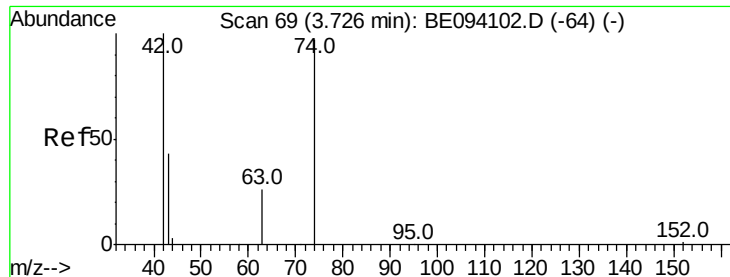


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.286 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

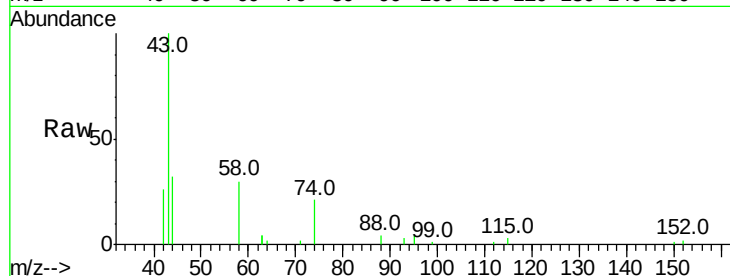
Tot Ion: 42 Resp: 1420

Ion Ratio Lower Upper

42 100

74 101.4 100.3 150.5

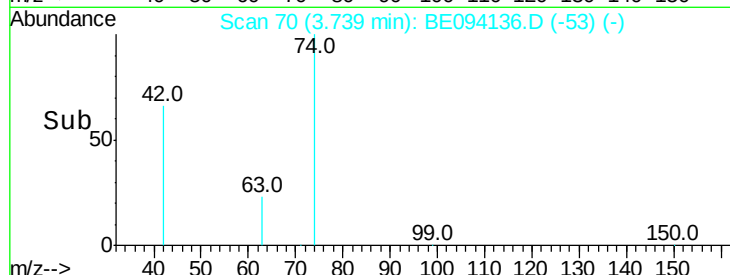
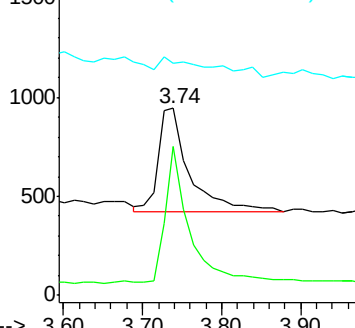
44 25.8 17.0 25.4#



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: 0.275 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

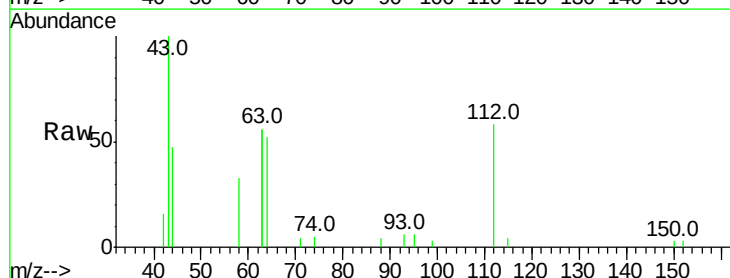
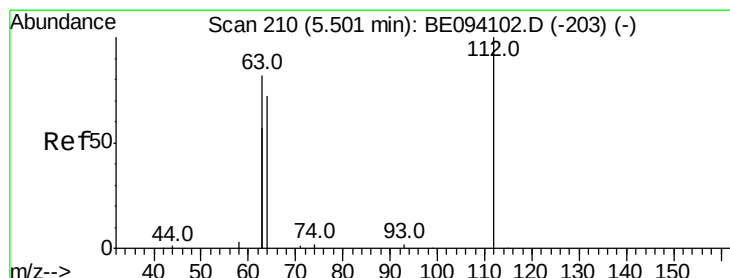
Tgt Ion: 112 Resp: 2078

Ion Ratio Lower Upper

112 100

64 75.0 60.1 90.1

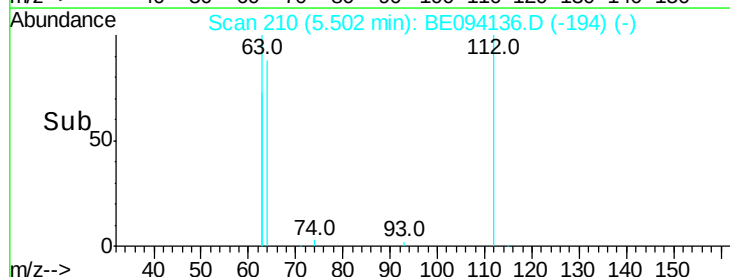
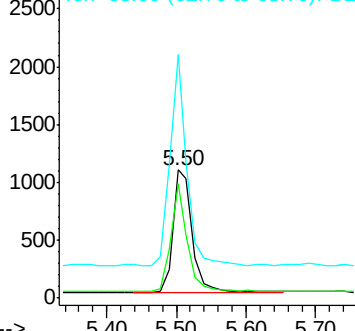
63 148.6 116.8 175.2

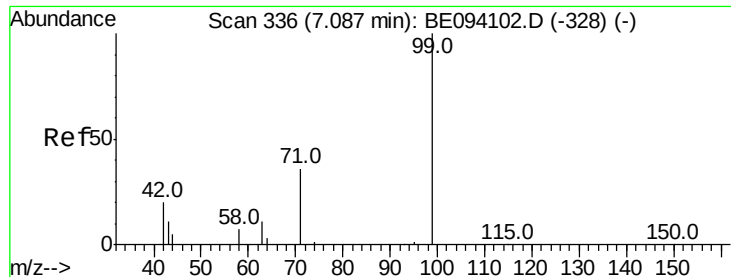


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.263 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

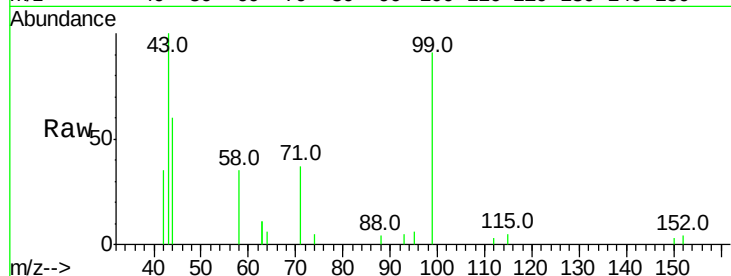
Tot Ion: 99 Resp: 2756

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

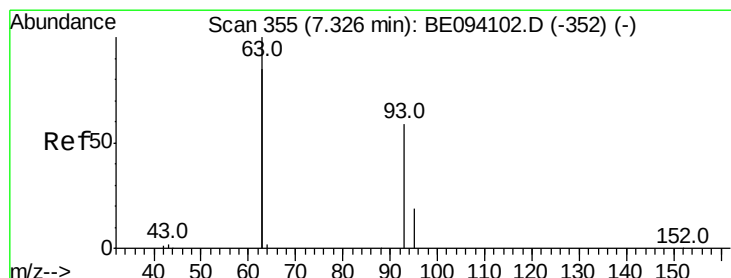
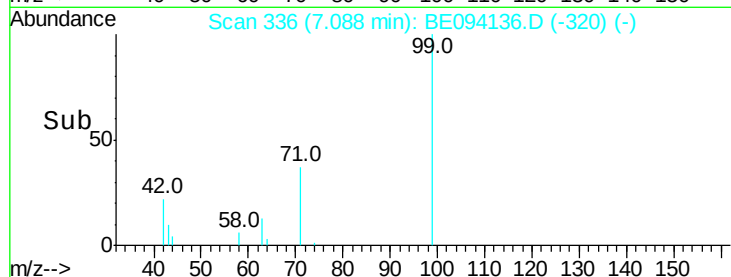
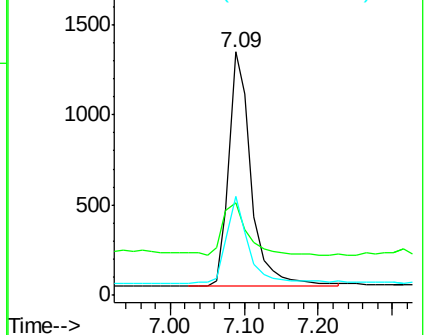
71 35.4 28.4 42.6



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: 0.282 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

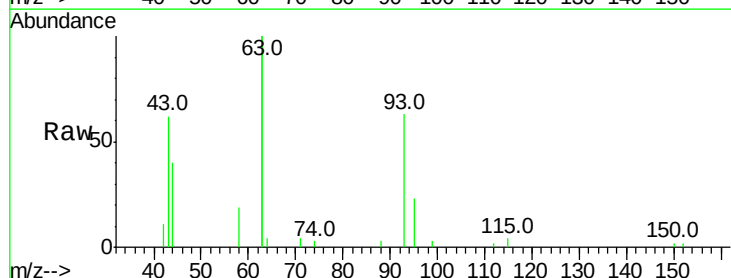
Tgt Ion: 93 Resp: 2292

Ion Ratio Lower Upper

93 100

63 372.0 275.3 412.9

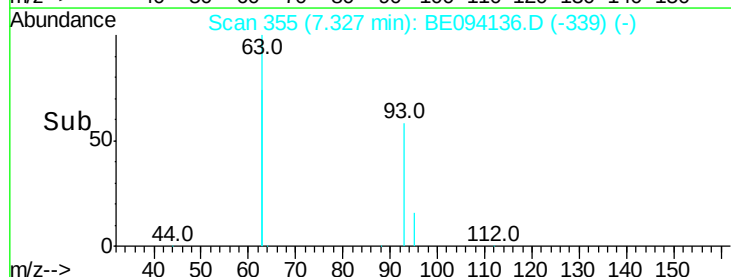
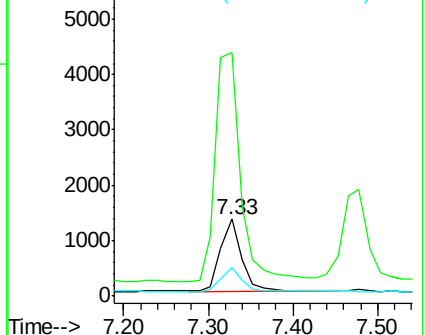
95 33.6 25.2 37.8

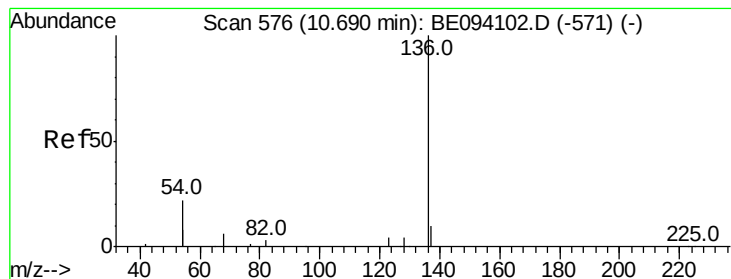


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

Tot Ion:136 Resp: 8633

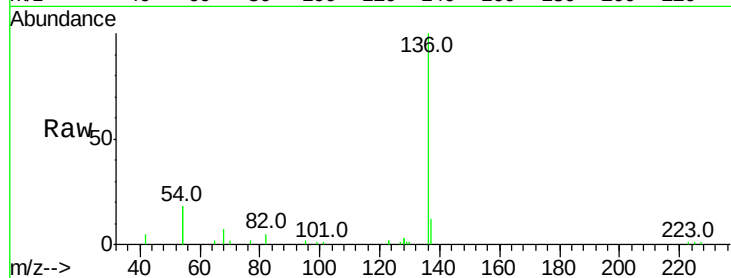
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 35.7 29.1 43.7

68 6.9 6.2 9.2

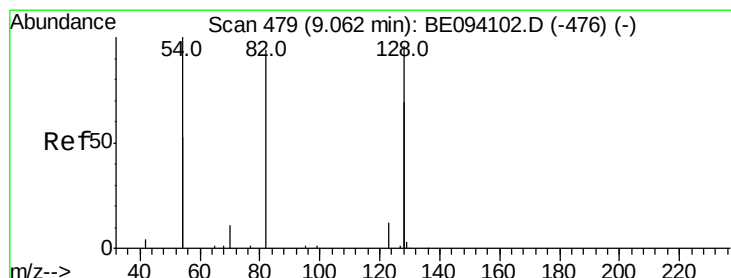
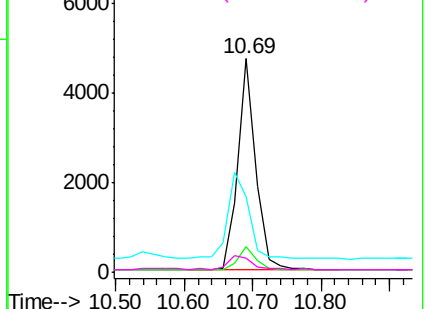
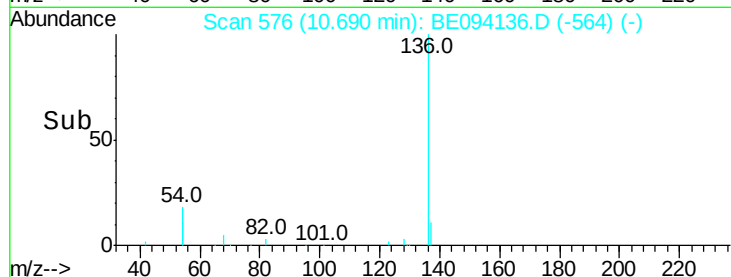


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.288 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

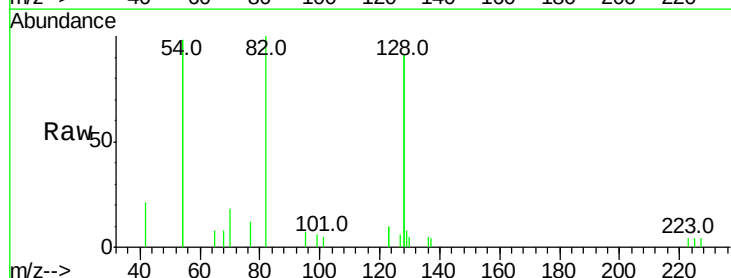
Tgt Ion: 82 Resp: 2406

Ion Ratio Lower Upper

82 100

128 182.3 150.0 225.0

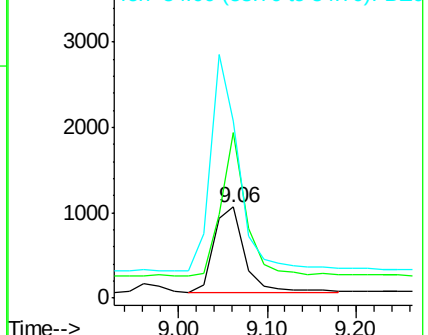
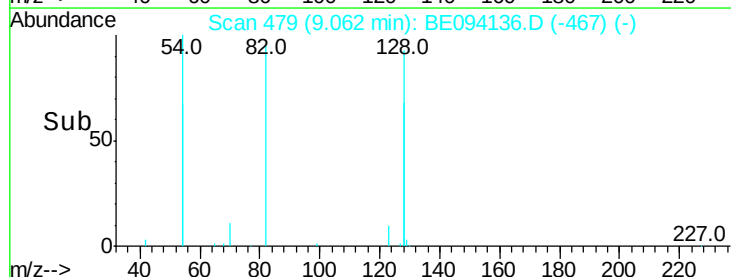
54 195.3 154.2 231.4

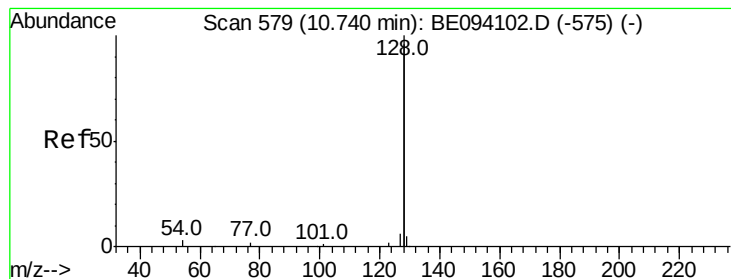


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.307 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

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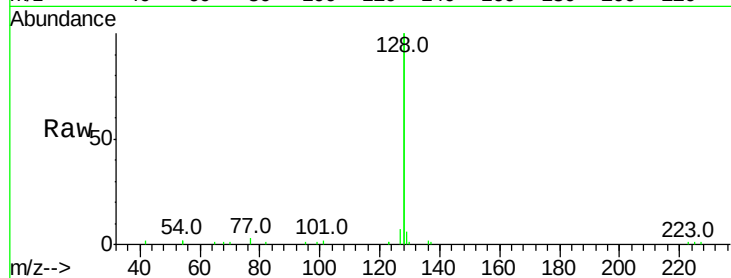
Tot Ion:128 Resp: 29932

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

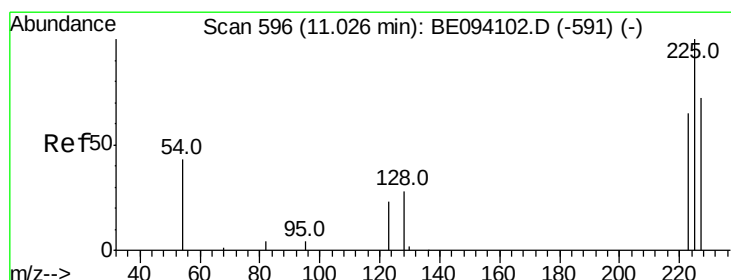
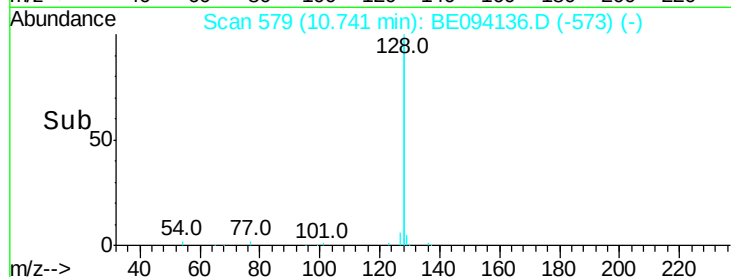
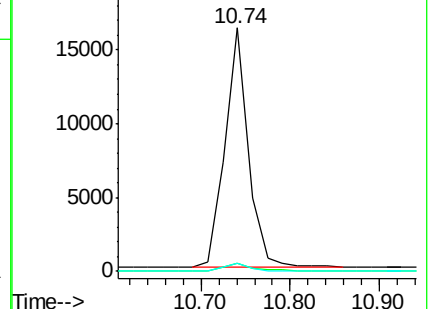
127 3.4 2.8 4.2



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: 0.310 ng

RT: 11.03 min Scan# 596

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

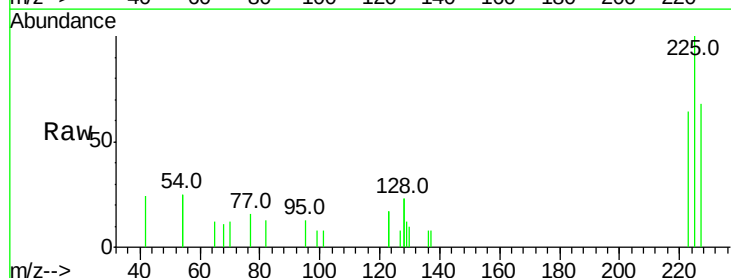
Tgt Ion:225 Resp: 1132

Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

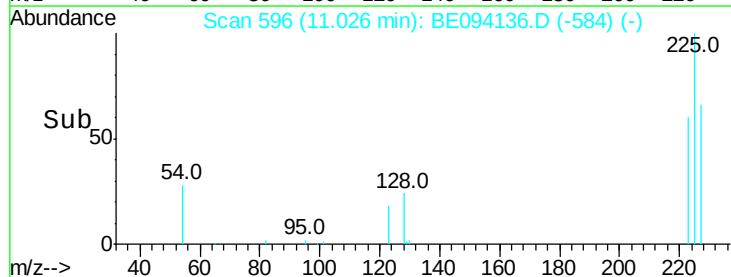
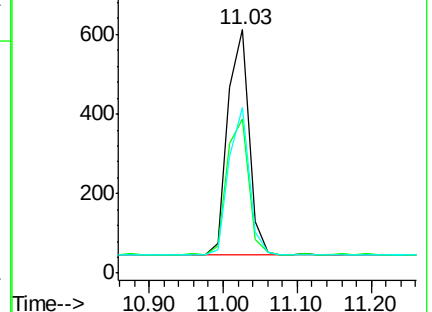
227 63.8 51.4 77.2

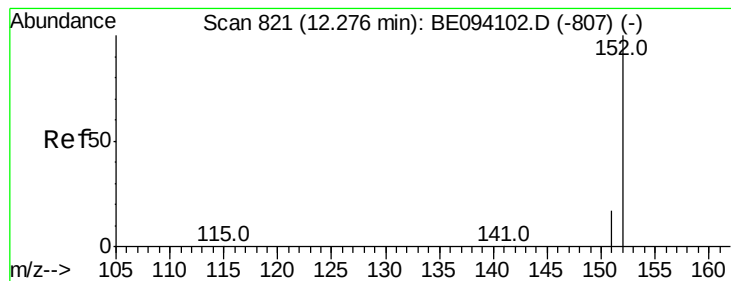


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

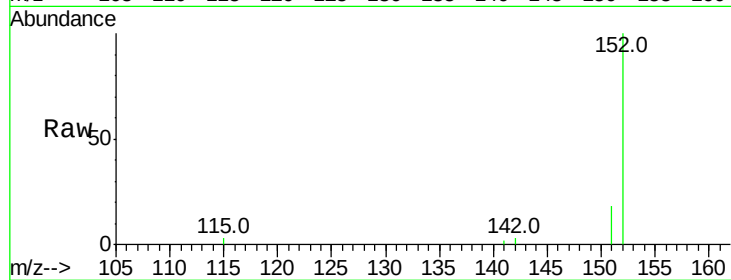
PB102676BS

Tot Ion:152 Resp: 4218

Ion Ratio Lower Upper

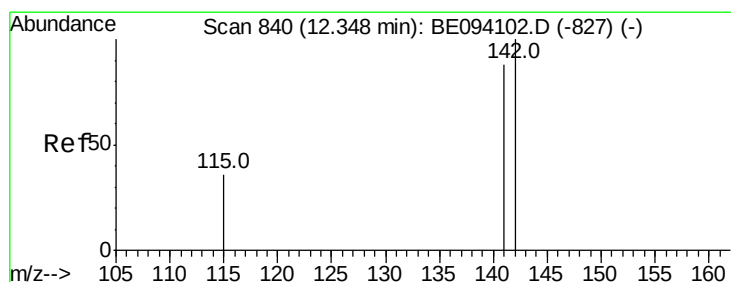
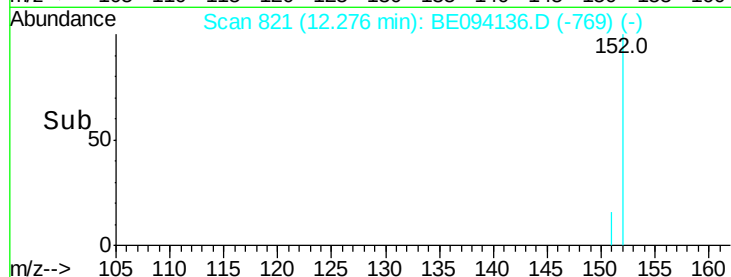
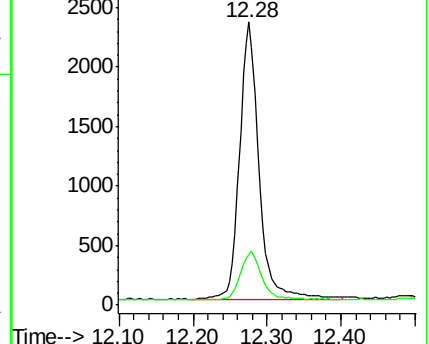
152 100

151 18.6 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: 0.299 ng

RT: 12.35 min Scan# 840

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

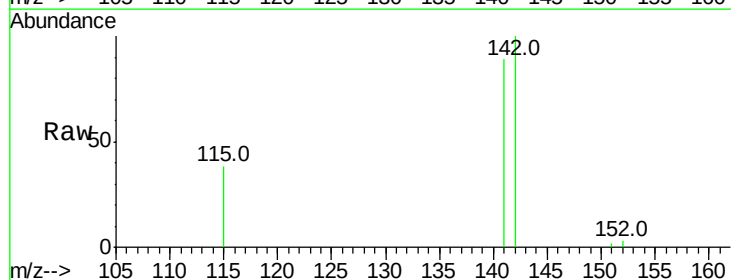
Tgt Ion:142 Resp: 4724

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

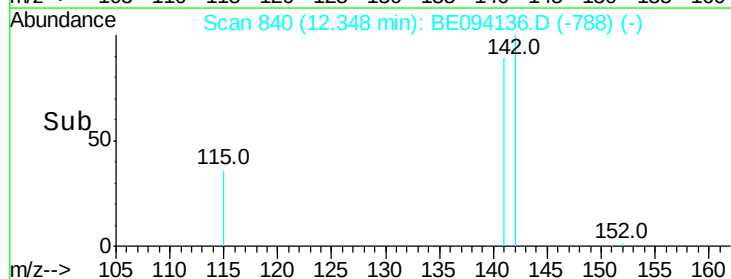
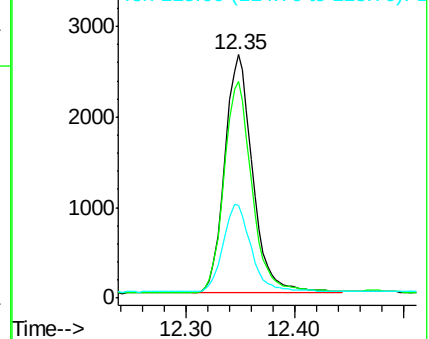
115 37.8 31.7 47.5

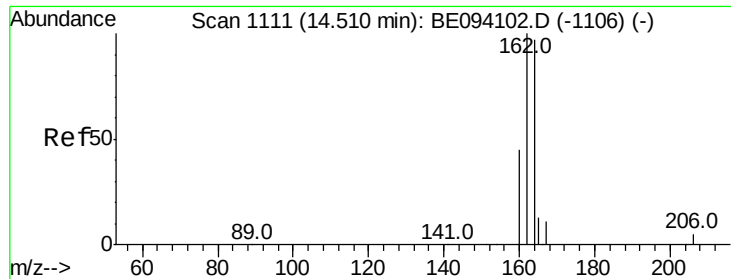


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

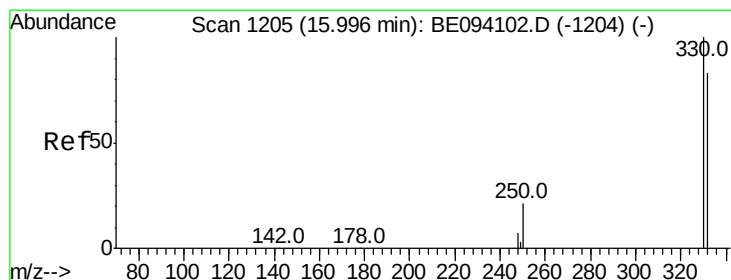
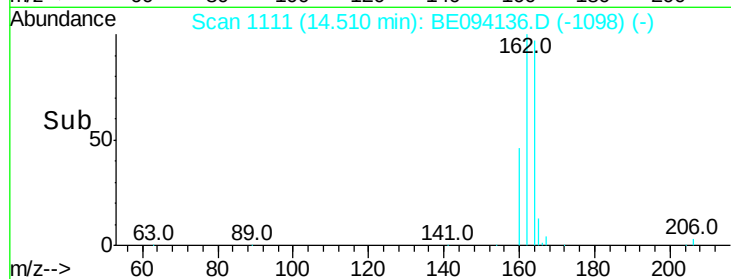
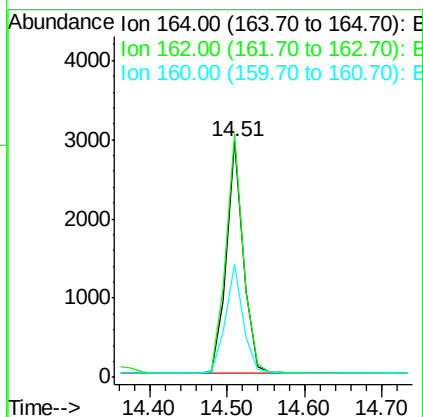
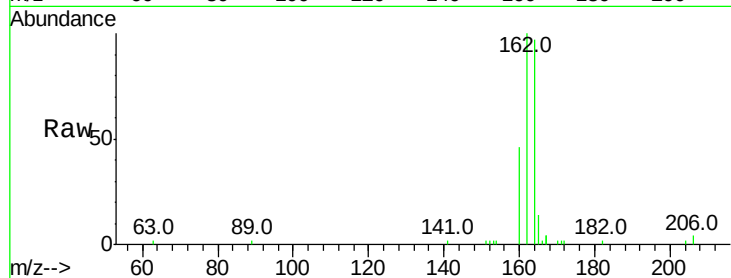




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094136.D
Acq: 28 Sep 2017 18:51

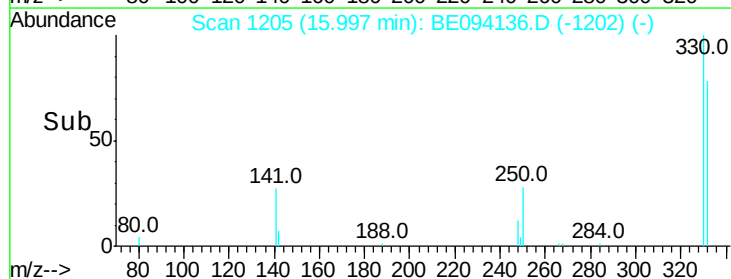
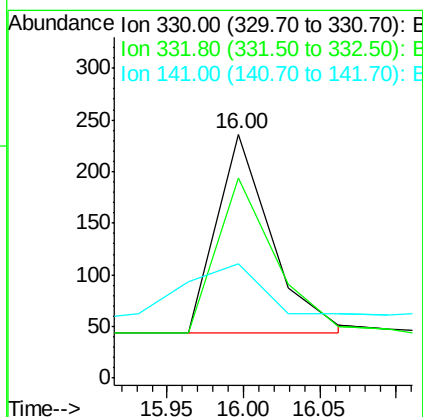
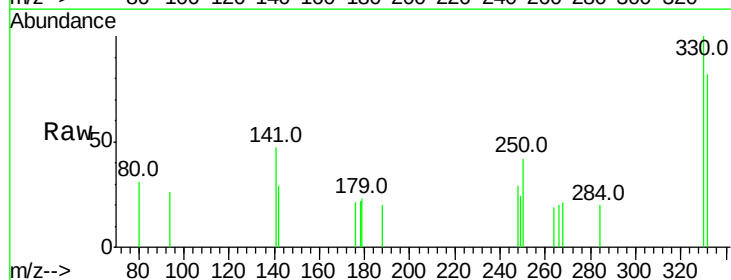
Instrument :
BNA_E
ClientSampleId :
PB102676BS

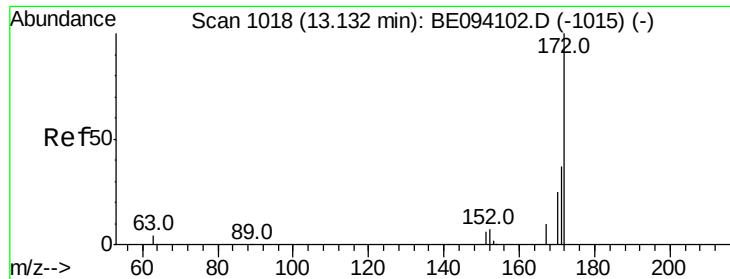
Tot Ion:164 Resp: 4501
Ion Ratio Lower Upper
164 100
162 103.3 83.1 124.7
160 47.9 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094136.D
Acq: 28 Sep 2017 18:51

Tgt Ion:330 Resp: 473
Ion Ratio Lower Upper
330 100
332 83.9 152.7 229.1#
141 0.0 33.7 50.5#

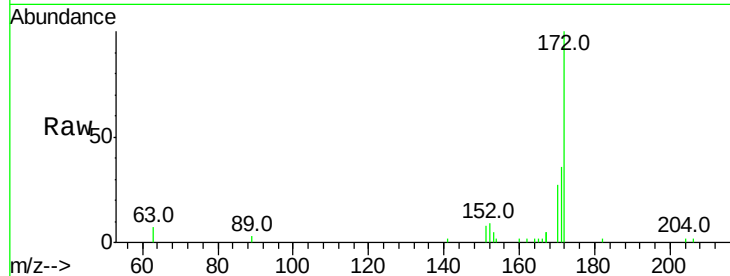




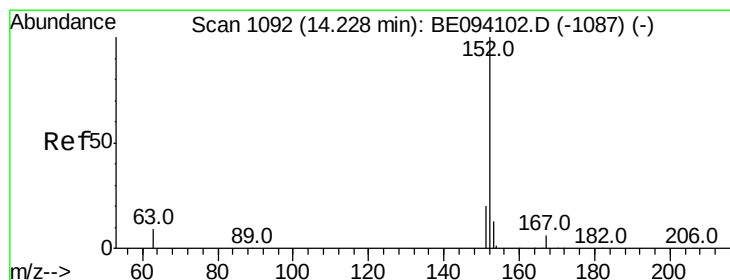
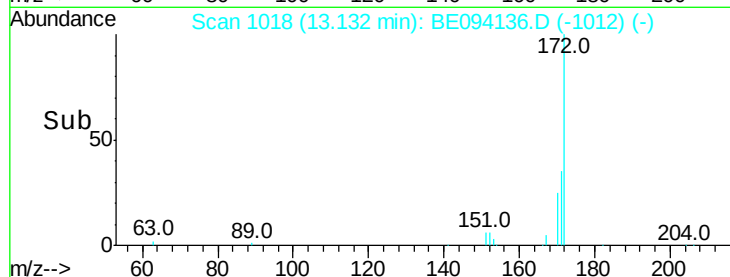
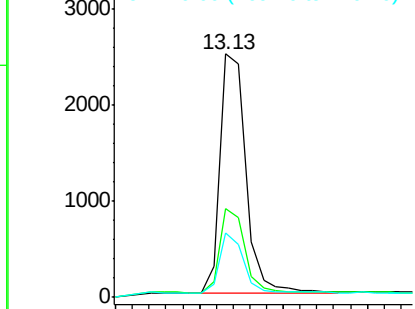
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094136.D
Acq: 28 Sep 2017 18:51

Instrument :
BNA_E
ClientSampleId :
PB102676BS

Tot Ion:172 Resp: 5332
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 26.6 21.8 32.8

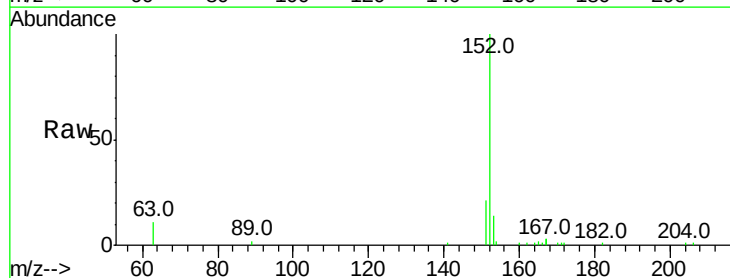


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

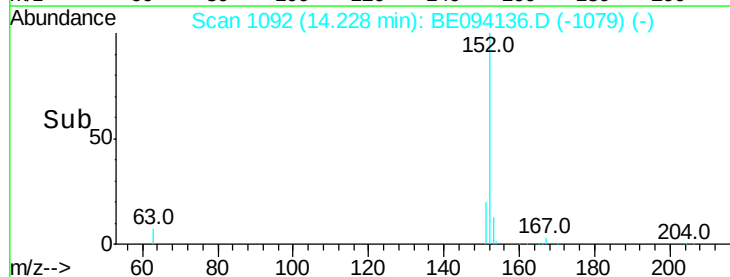
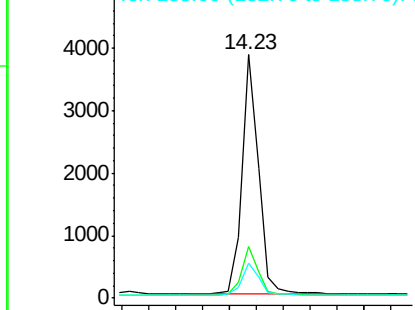


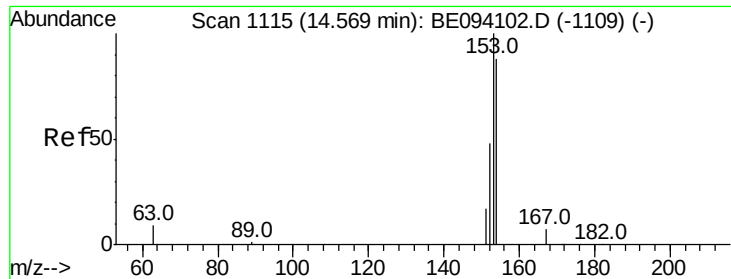
#16
Acenaphthylene
Concen: 0.291 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094136.D
Acq: 28 Sep 2017 18:51

Tgt Ion:152 Resp: 6564
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.6 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

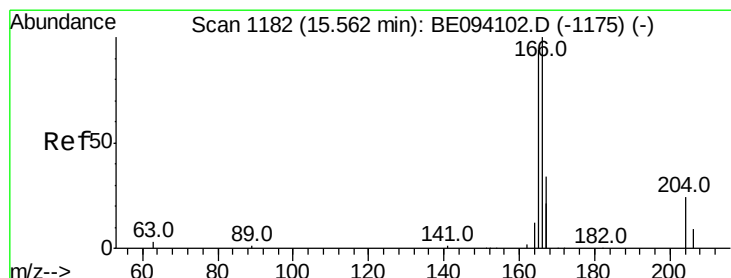
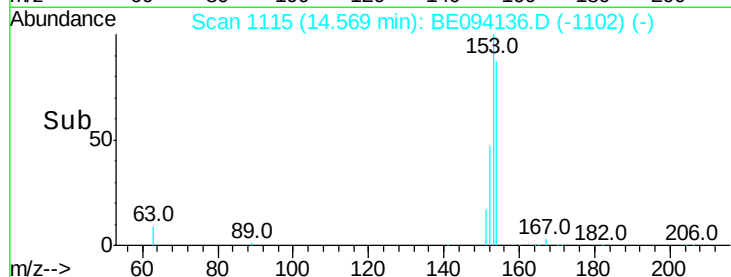
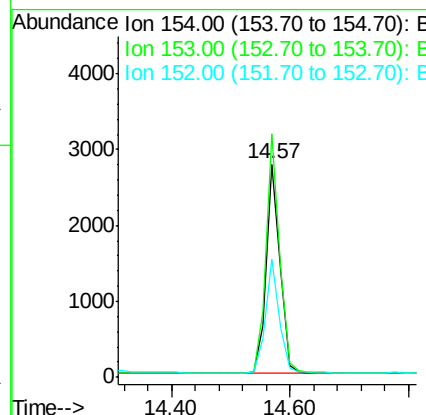
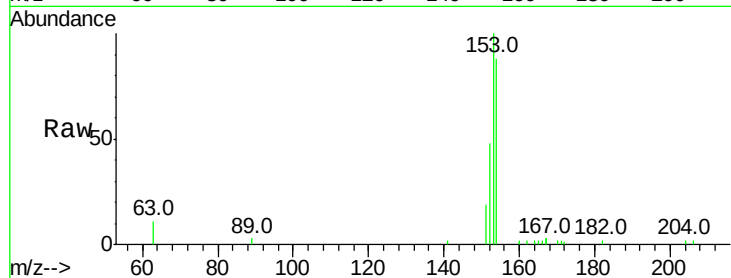




#17
Acenaphthene
Concen: 0.312 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094136.D
Acq: 28 Sep 2017 18:51

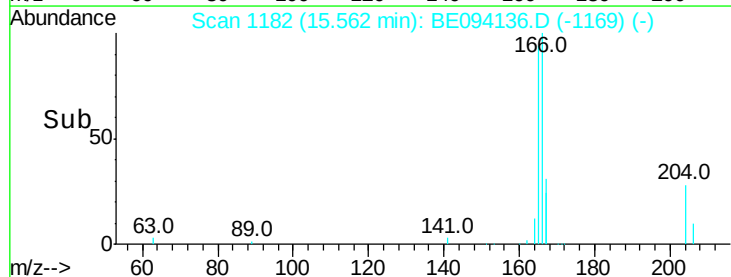
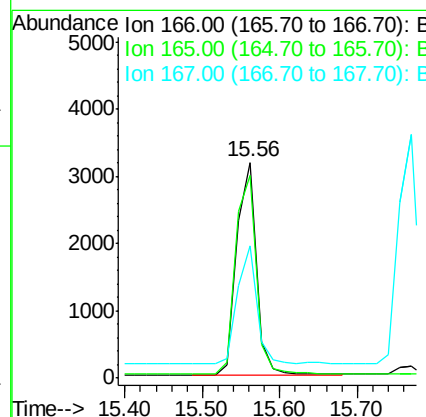
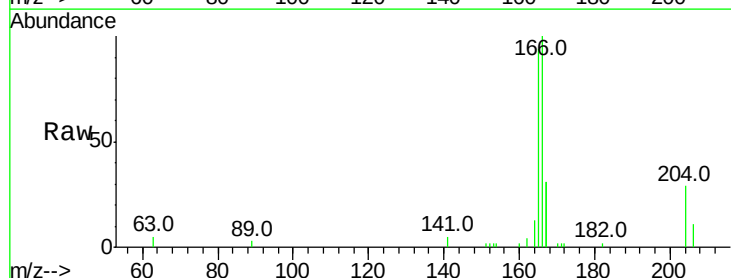
Instrument :
BNA_E
ClientSampleId :
PB102676BS

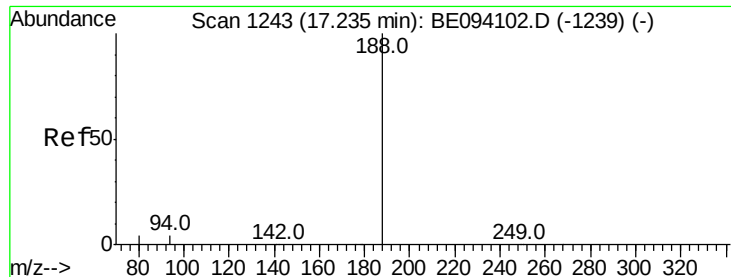
Tot Ion:154 Resp: 4398
Ion Ratio Lower Upper
154 100
153 112.9 89.2 133.8
152 54.0 42.0 63.0



#18
Fluorene
Concen: 0.292 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094136.D
Acq: 28 Sep 2017 18:51

Tgt Ion:166 Resp: 5596
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.6
167 55.3 42.4 63.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

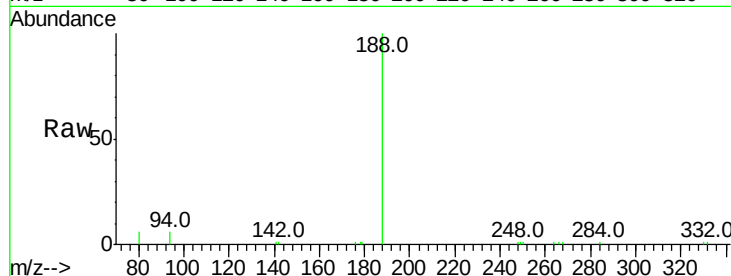
Tot Ion:188 Resp: 15070

Ion Ratio Lower Upper

188 100

94 6.2 3.9 5.9#

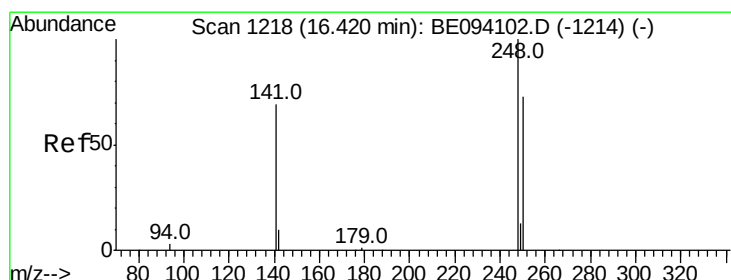
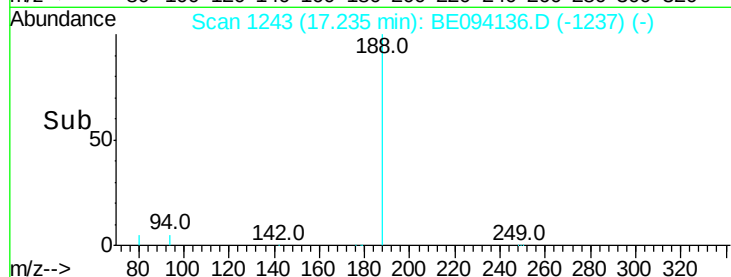
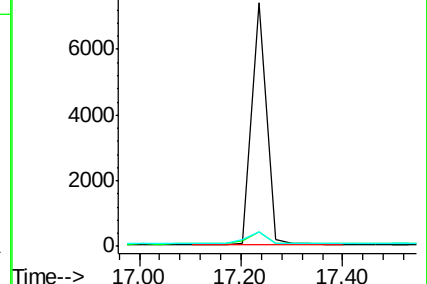
80 5.9 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.289 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

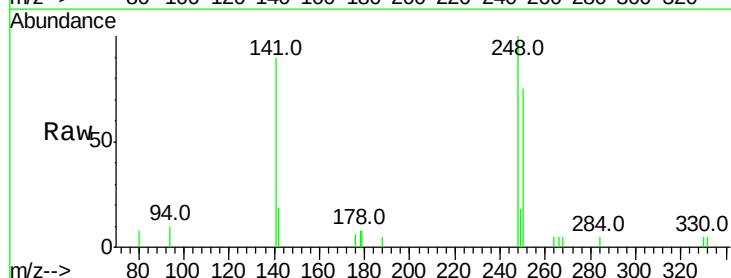
Tgt Ion:248 Resp: 1786

Ion Ratio Lower Upper

248 100

250 74.6 62.7 94.1

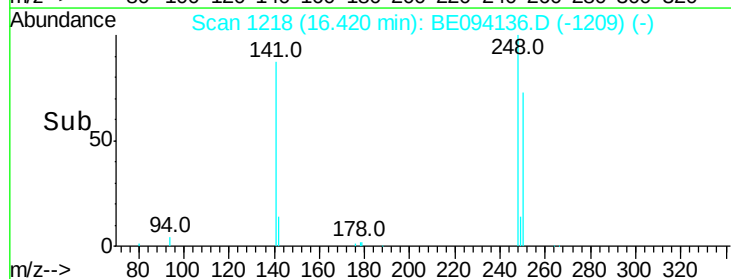
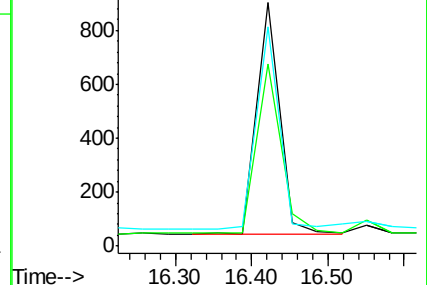
141 89.8 48.2 72.2#

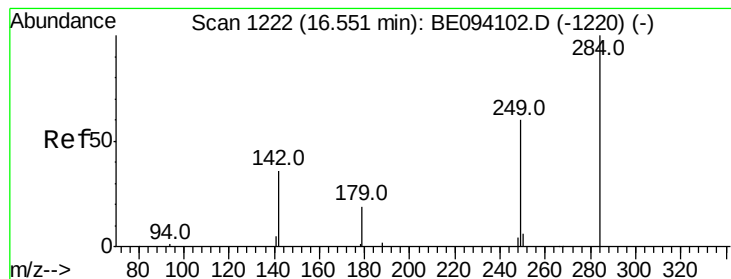


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.345 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

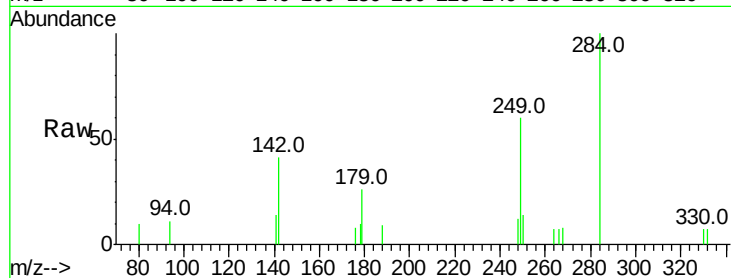
Tot Ion:284 Resp: 1347

Ion Ratio Lower Upper

284 100

142 36.2 22.1 33.1#

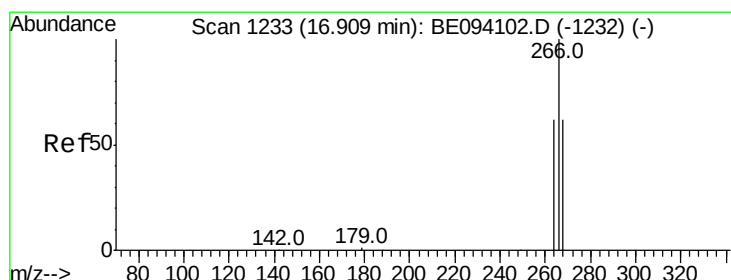
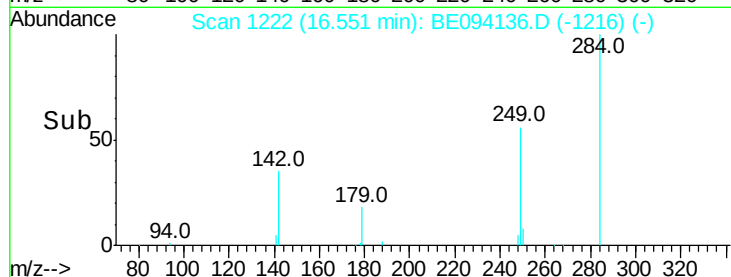
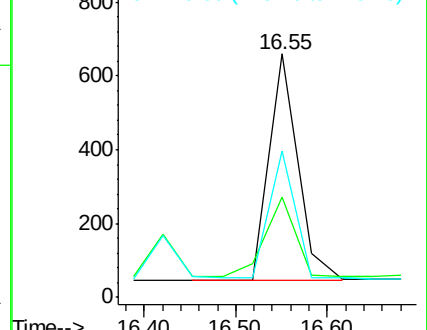
249 50.3 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.361 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

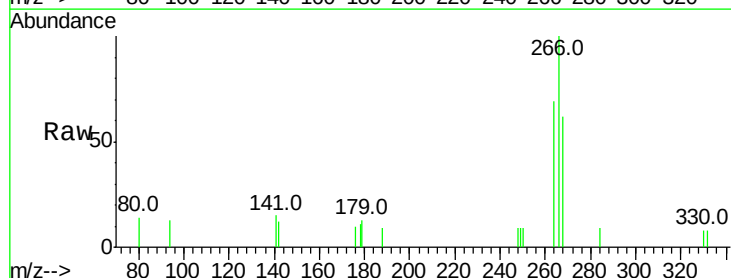
Tgt Ion:266 Resp: 1291

Ion Ratio Lower Upper

266 100

264 68.9 72.5 108.7#

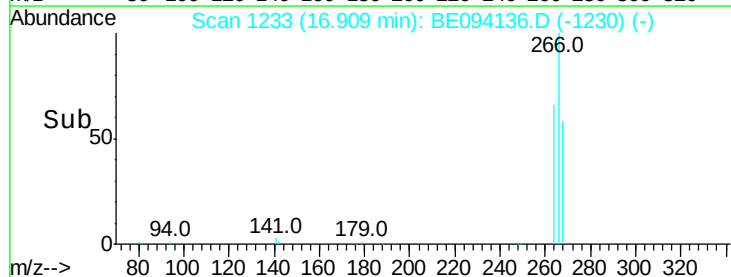
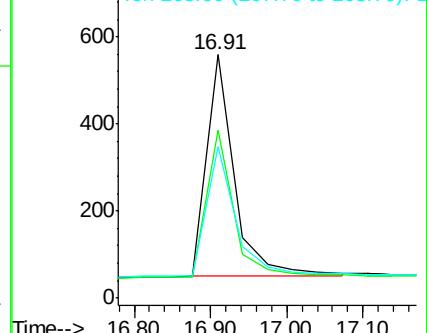
268 62.3 73.8 110.6#

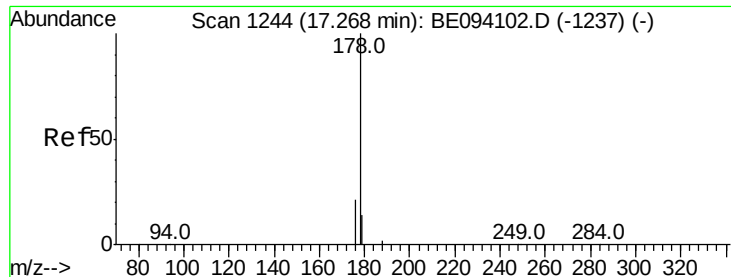


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.319 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

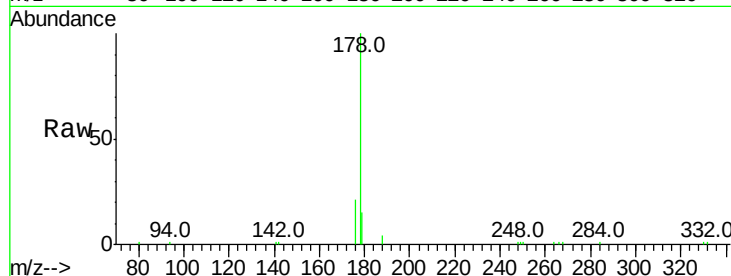
BNA_E

ClientSampleId :

PB102676BS

Tot Ion:178 Resp: 12288

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	14.2	11.8	17.6

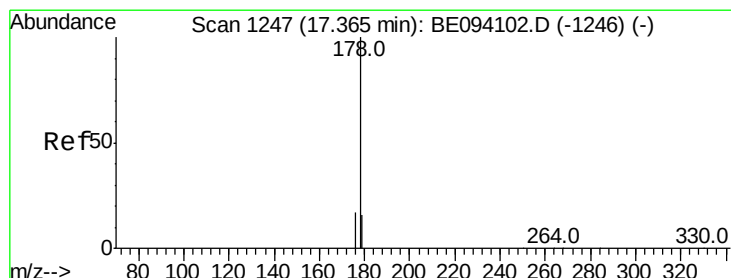
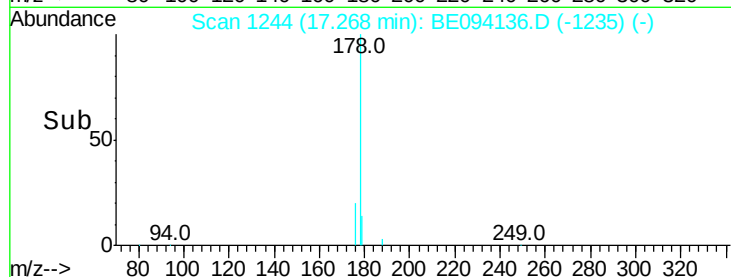
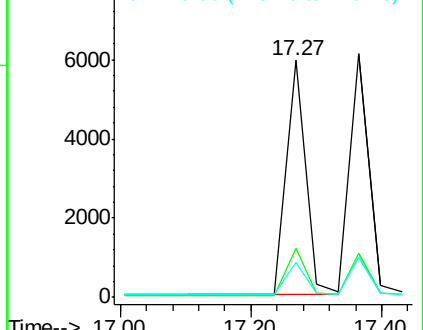


Abundance

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: 0.309 ng

RT: 17.37 min Scan# 1247

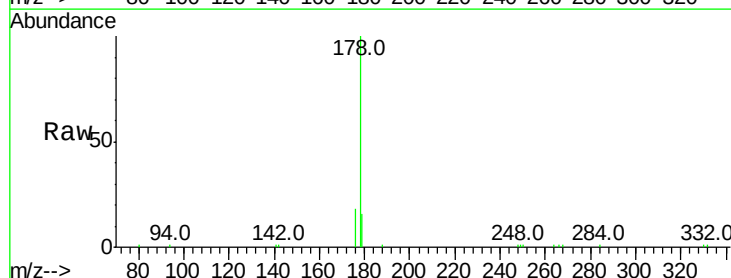
Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Tgt Ion:178 Resp: 12506

Ion	Ratio	Lower	Upper
178	100		
176	17.5	12.8	19.2
179	15.6	13.0	19.6

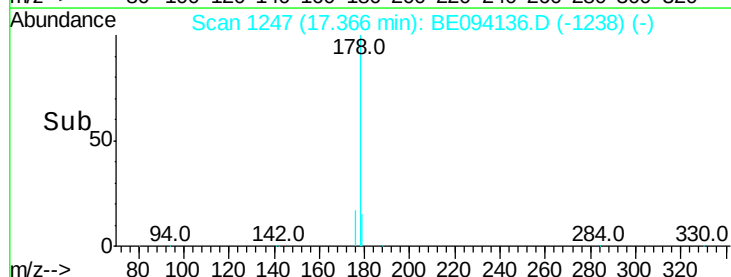
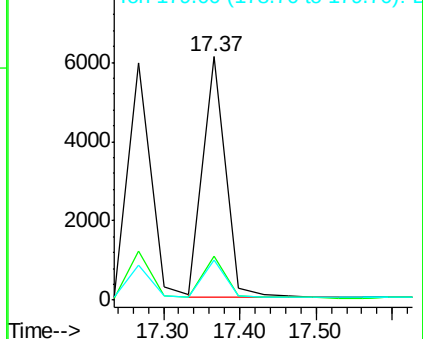


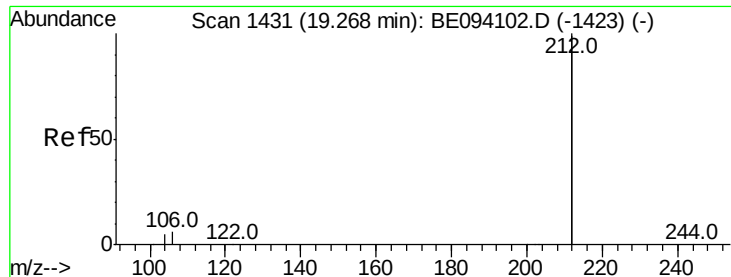
Abundance

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: 0.336 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

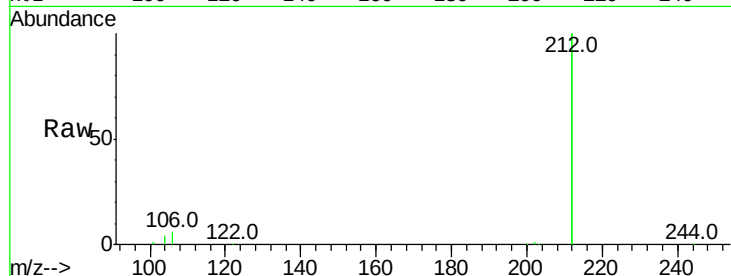
Tot Ion:212 Resp: 48998

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

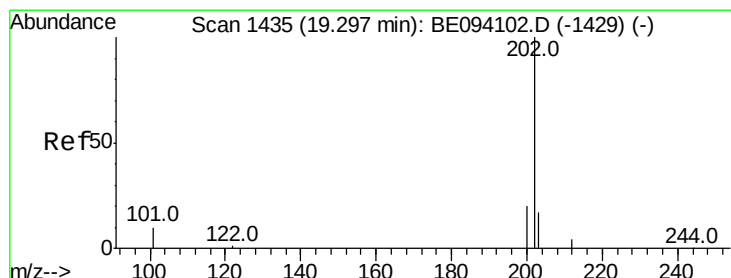
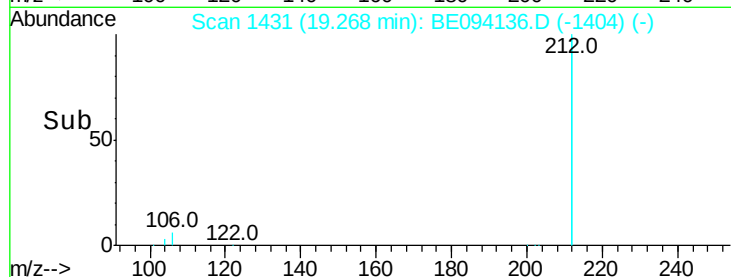
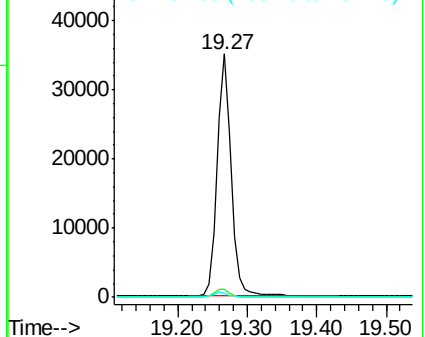
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.311 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

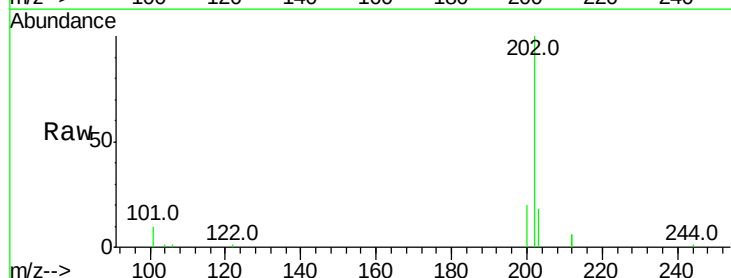
Tgt Ion:202 Resp: 13435

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

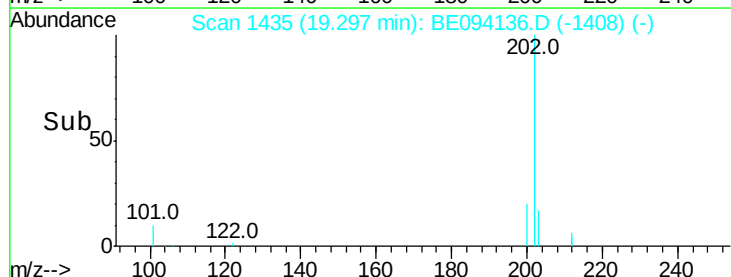
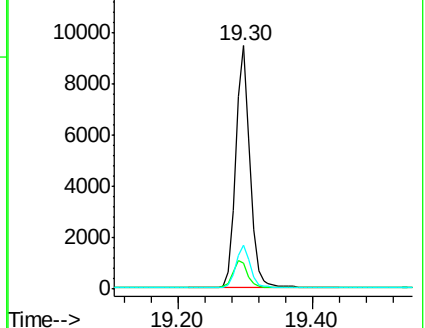
203 17.1 13.7 20.5

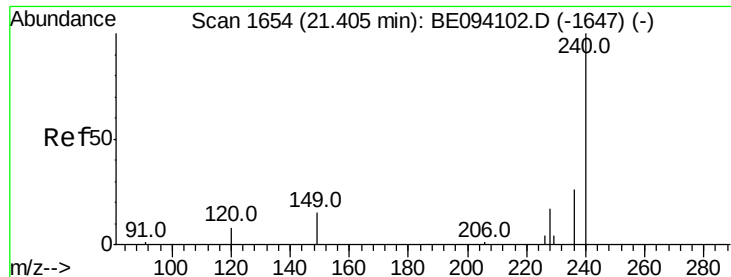


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

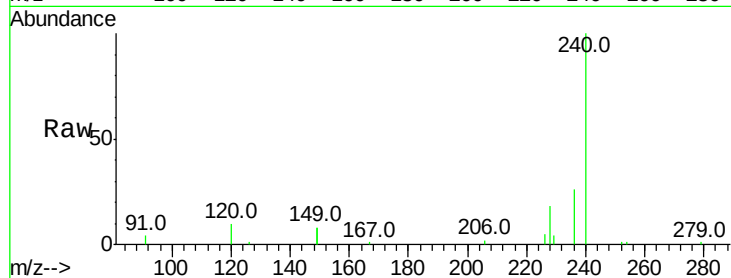
Tot Ion:240 Resp: 15182

Ion Ratio Lower Upper

240 100

120 9.7 5.5 8.3#

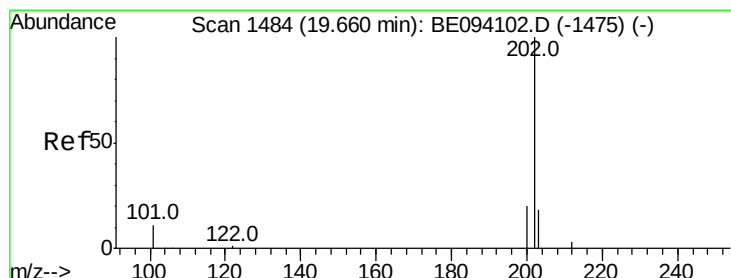
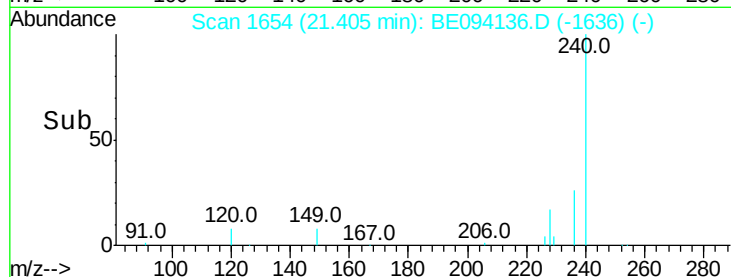
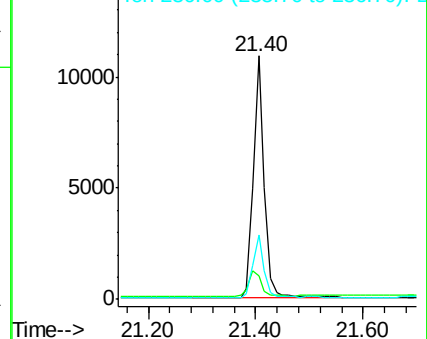
236 26.5 20.7 31.1



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: 0.289 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

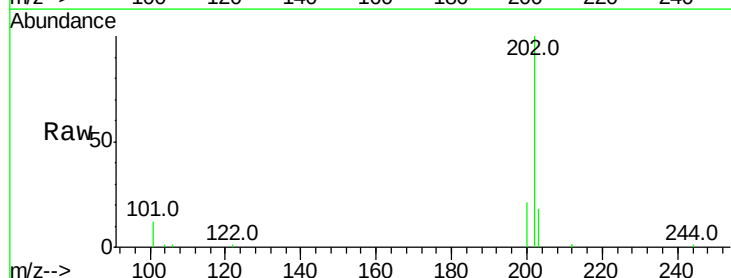
Tgt Ion:202 Resp: 13925

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

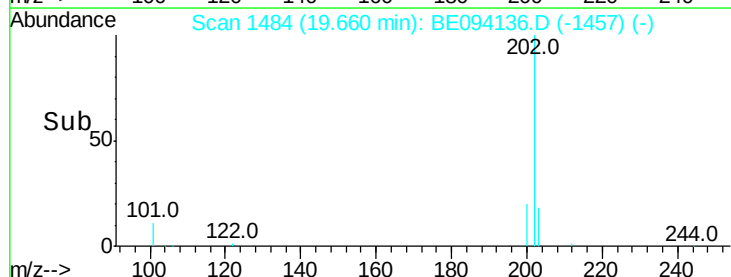
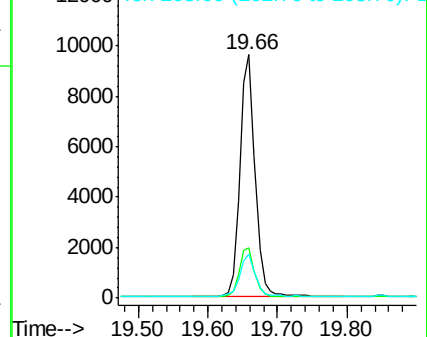
203 18.0 13.8 20.8

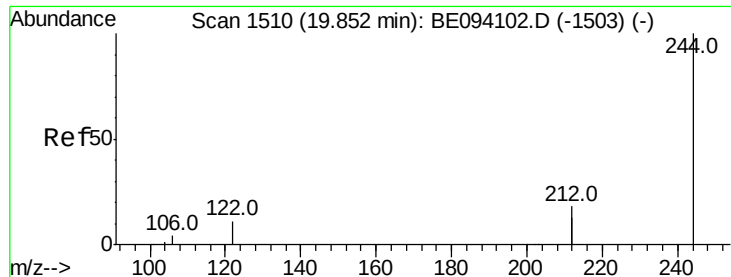


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.302 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

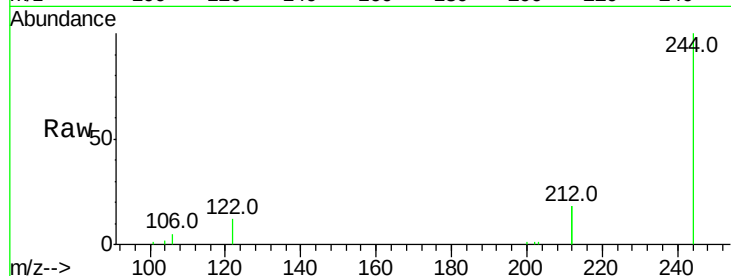
Tot Ion:244 Resp: 8365

Ion Ratio Lower Upper

244 100

212 35.5 25.4 38.0

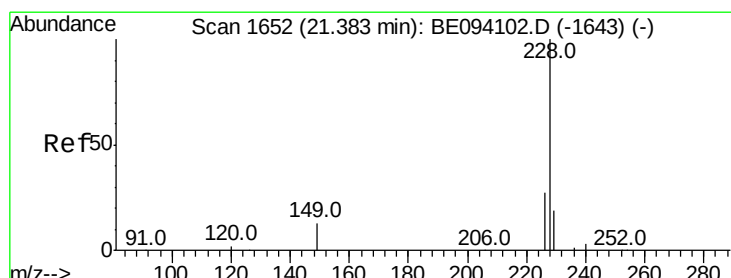
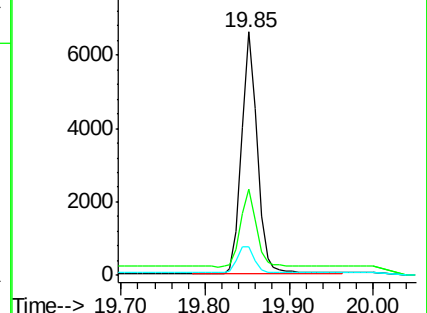
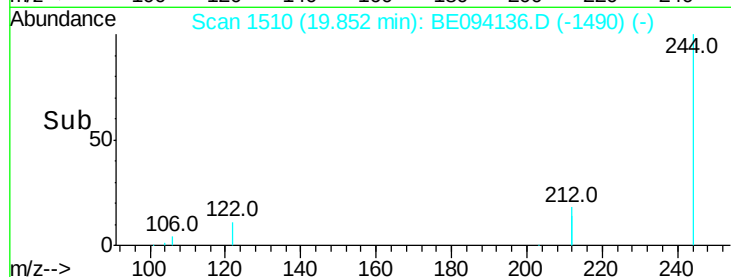
122 11.8 8.1 12.1



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: 0.294 ng

RT: 21.38 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

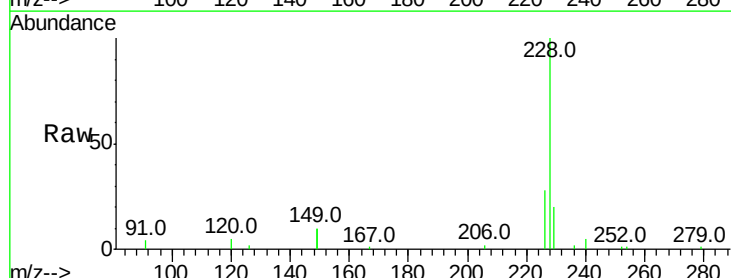
Tgt Ion:228 Resp: 15049

Ion Ratio Lower Upper

228 100

226 27.8 21.4 32.0

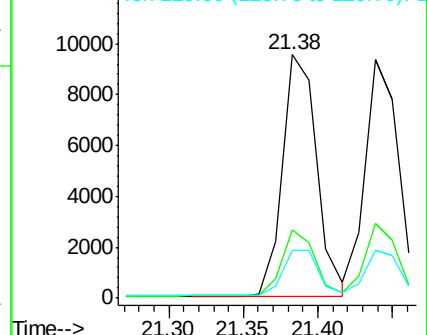
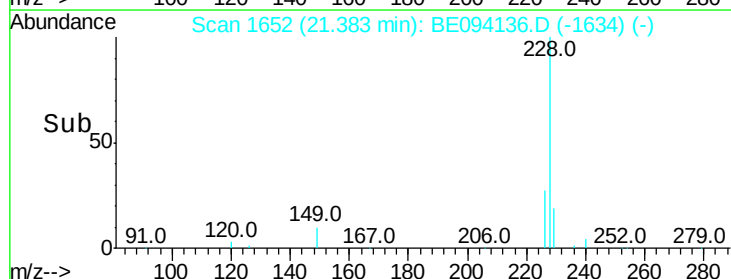
229 19.7 16.4 24.6

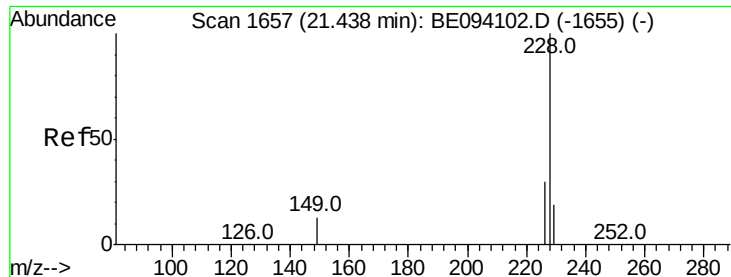


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.298 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

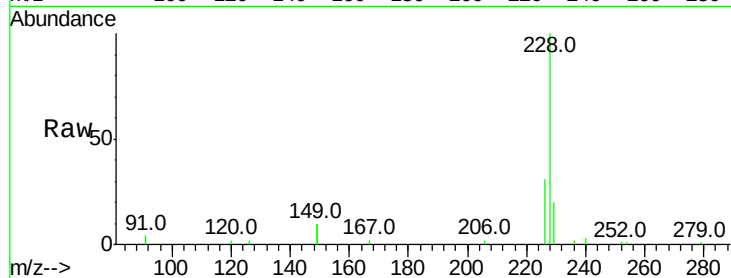
Tot Ion:228 Resp: 14684

Ion Ratio Lower Upper

228 100

226 31.3 23.6 35.4

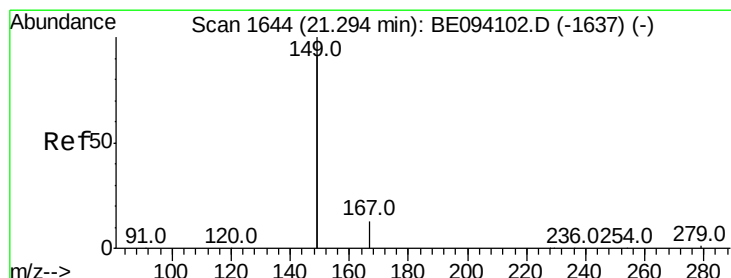
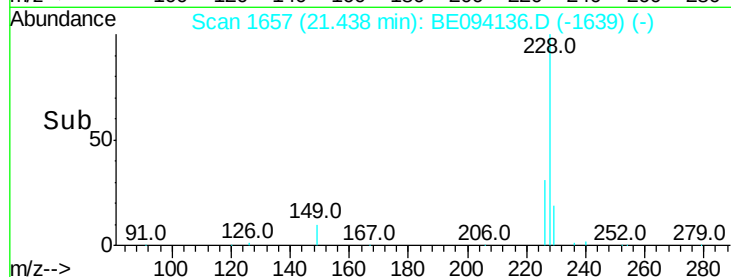
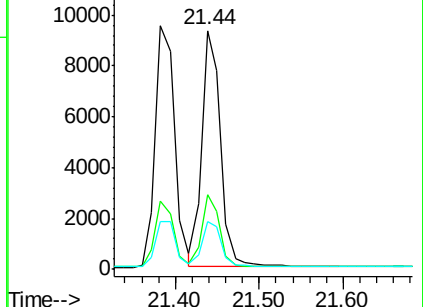
229 20.1 16.4 24.6



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: 0.144 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

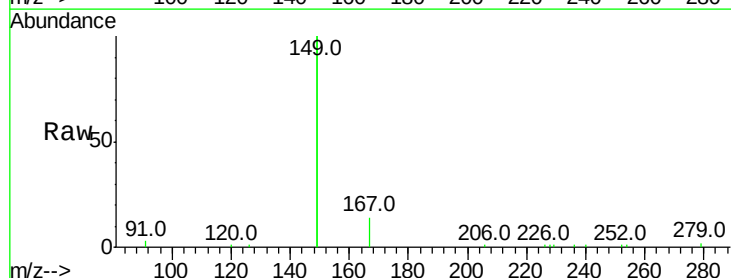
Tgt Ion:149 Resp: 35334

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

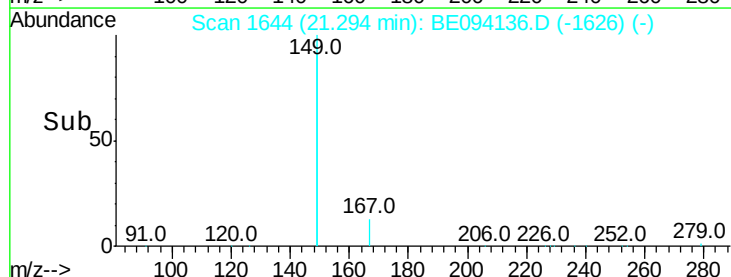
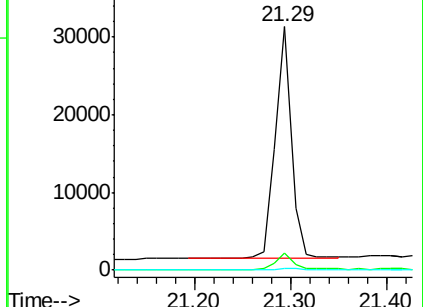
279 0.8 0.7 1.1

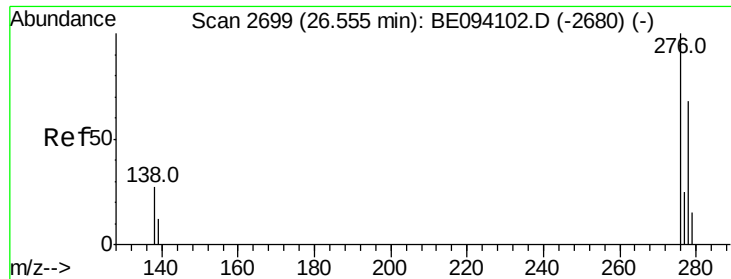


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.292 ng

RT: 26.56 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

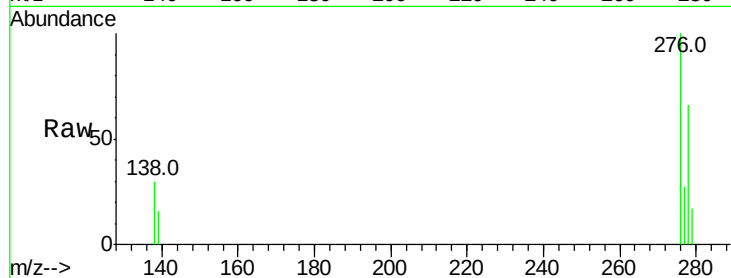
Tot Ion:276 Resp: 15442

Ion Ratio Lower Upper

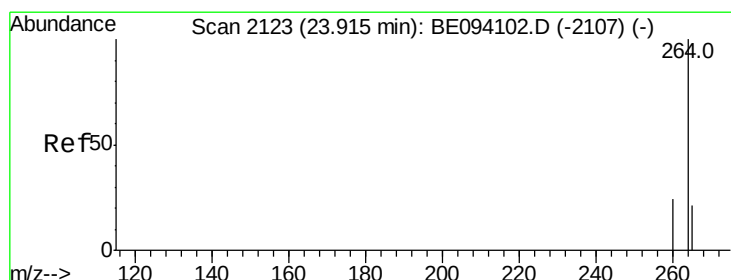
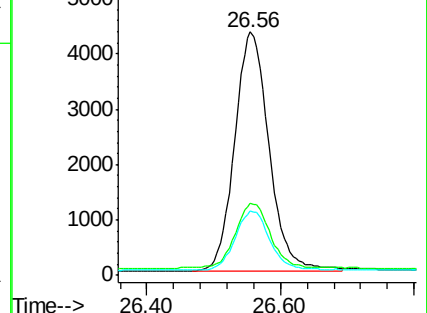
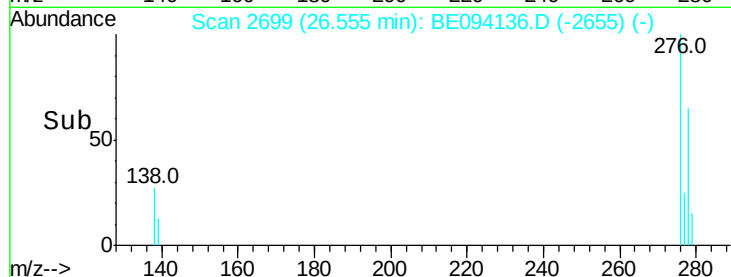
276 100

138 27.5 22.5 33.7

277 24.8 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# 2122

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

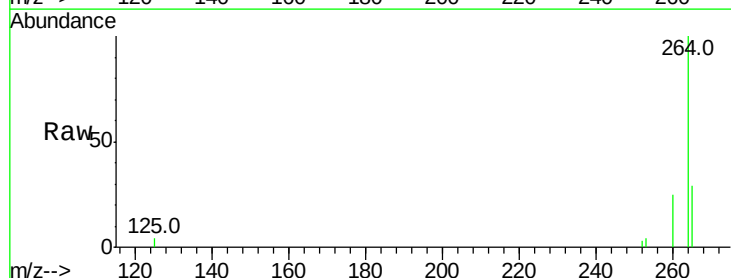
Tgt Ion:264 Resp: 14526

Ion Ratio Lower Upper

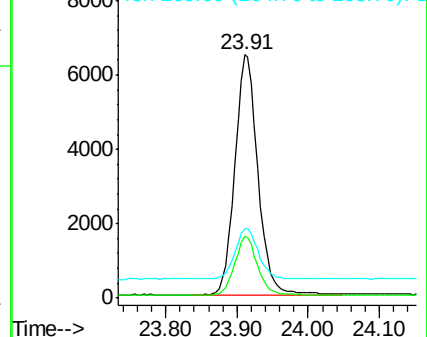
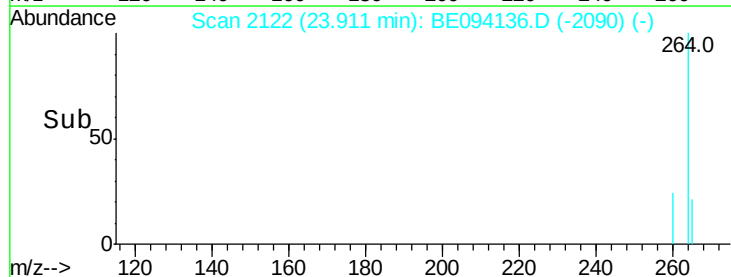
264 100

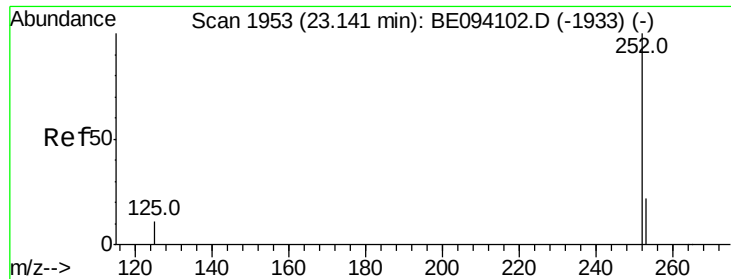
260 25.4 20.5 30.7

265 28.5 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: 0.277 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

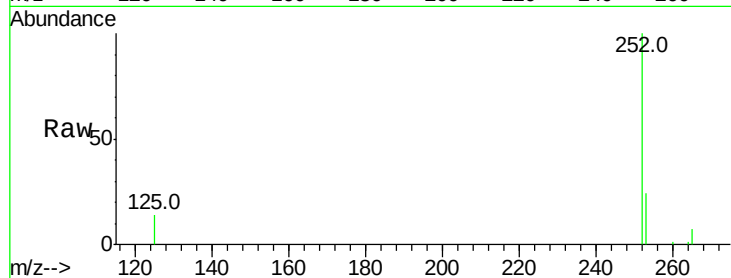
Tot Ion:252 Resp: 14503

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

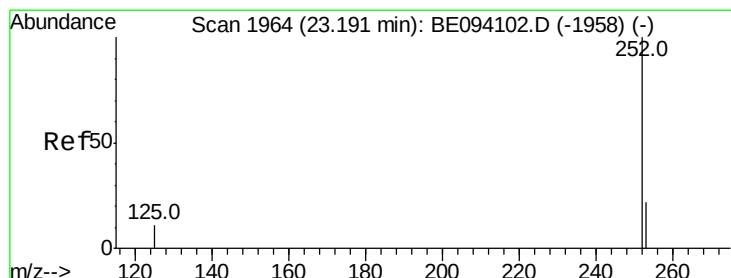
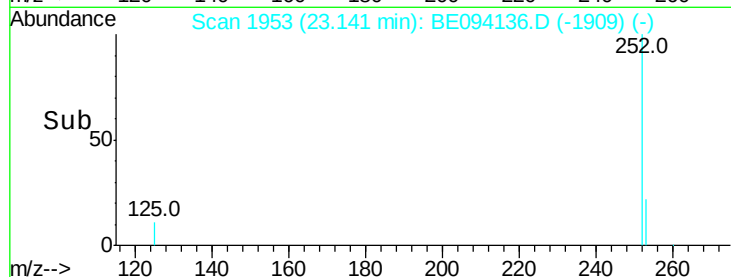
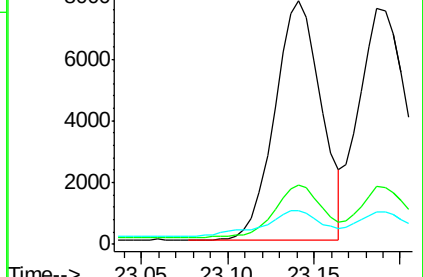
125 13.9 10.1 15.1



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: 0.298 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

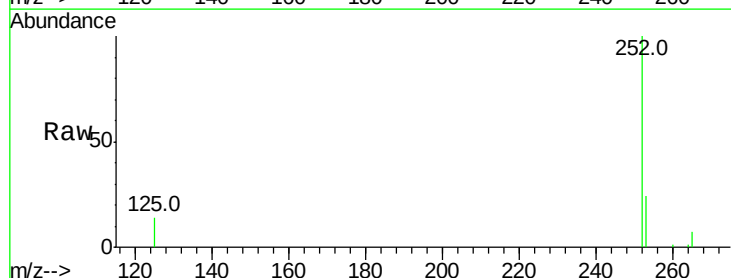
Tgt Ion:252 Resp: 14962

Ion Ratio Lower Upper

252 100

253 24.4 18.6 27.8

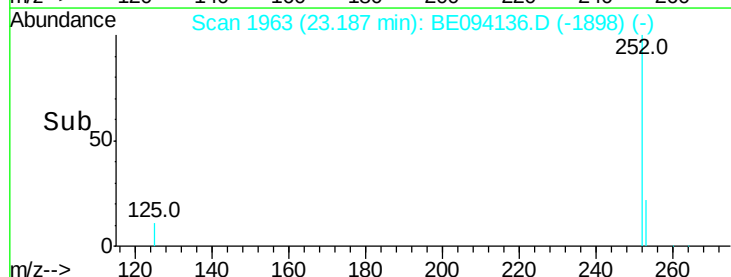
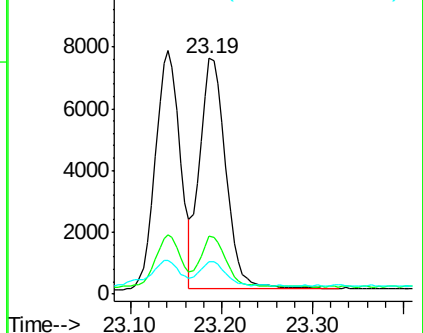
125 13.9 10.7 16.1

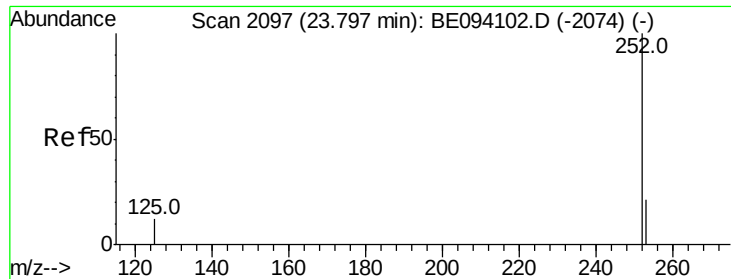


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.300 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

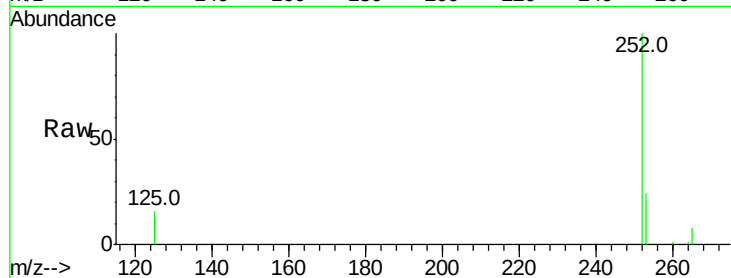
Tot Ion:252 Resp: 14225

Ion Ratio Lower Upper

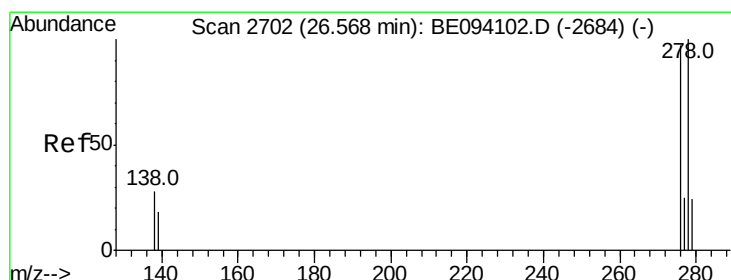
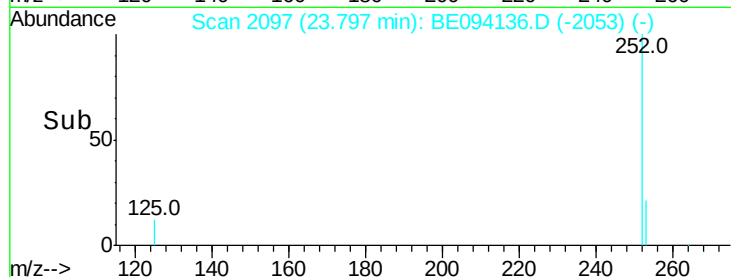
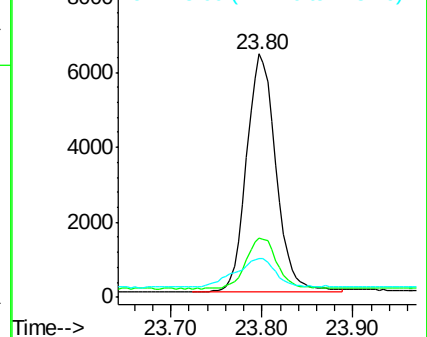
252 100

253 24.2 19.0 28.6

125 16.0 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: 0.288 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.01 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

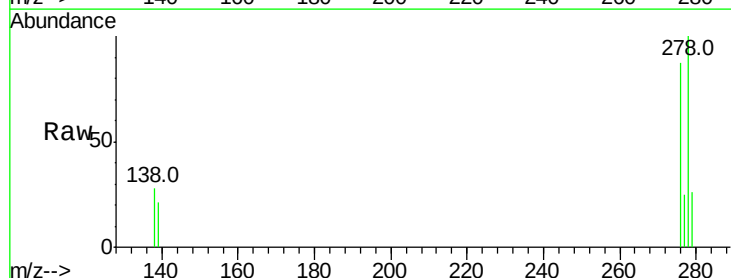
Tgt Ion:278 Resp: 12914

Ion Ratio Lower Upper

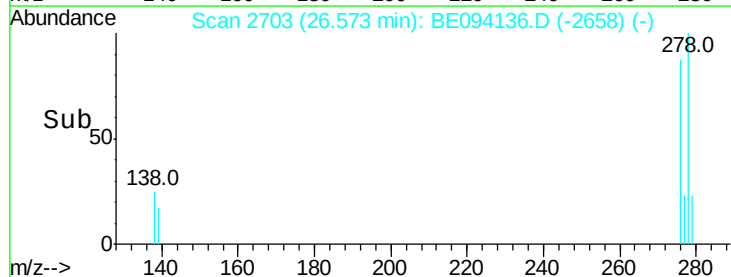
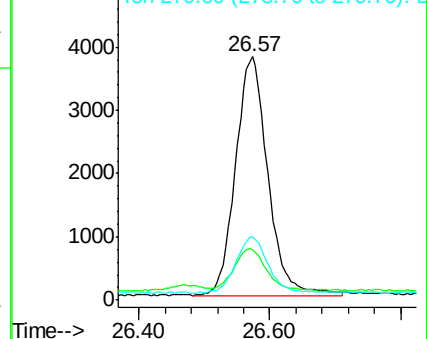
278 100

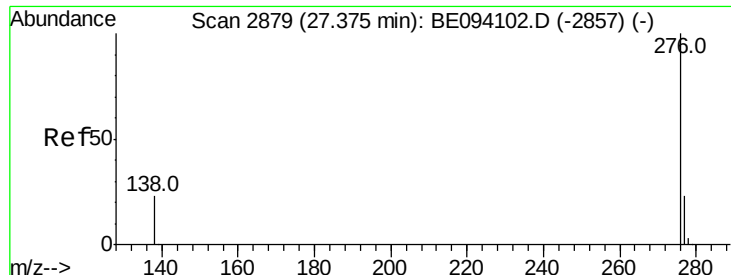
139 20.8 16.3 24.5

279 25.9 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: 0.293 ng

RT: 27.38 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BE094136.D

Acq: 28 Sep 2017 18:51

Instrument :

BNA_E

ClientSampleId :

PB102676BS

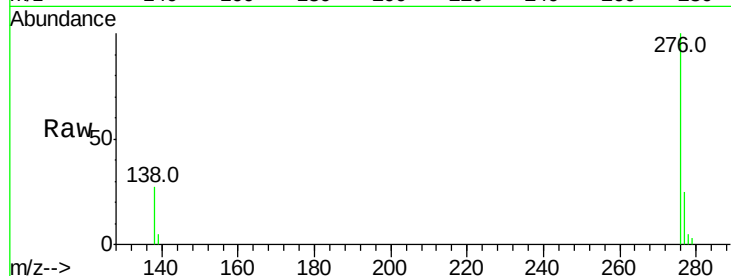
Tot Ion:276 Resp: 12995

Ion Ratio Lower Upper

276 100

277 25.1 20.8 31.2

138 26.6 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

