

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096290.D
 Acq On : 2 May 2018 11:38
 Operator : SJ/JU
 Sample : PB108661BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB108661BS

Quant Time: May 03 01:48:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	823	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2863	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1329	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3157	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3428	0.40	ng	0.00
34) Perylene-d12	24.35	264	3016	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	756	0.30	ng	0.00
5) Phenol-d6	7.52	99	991	0.28	ng	0.00
8) Nitrobenzene-d5	9.54	82	1075	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1374	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	122	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2080	0.37	ng	0.00
25) Fluoranthene-d10	19.63	212	14208	0.33	ng	0.00
29) Terphenyl-d14	20.19	244	2230	0.29	ng	0.00

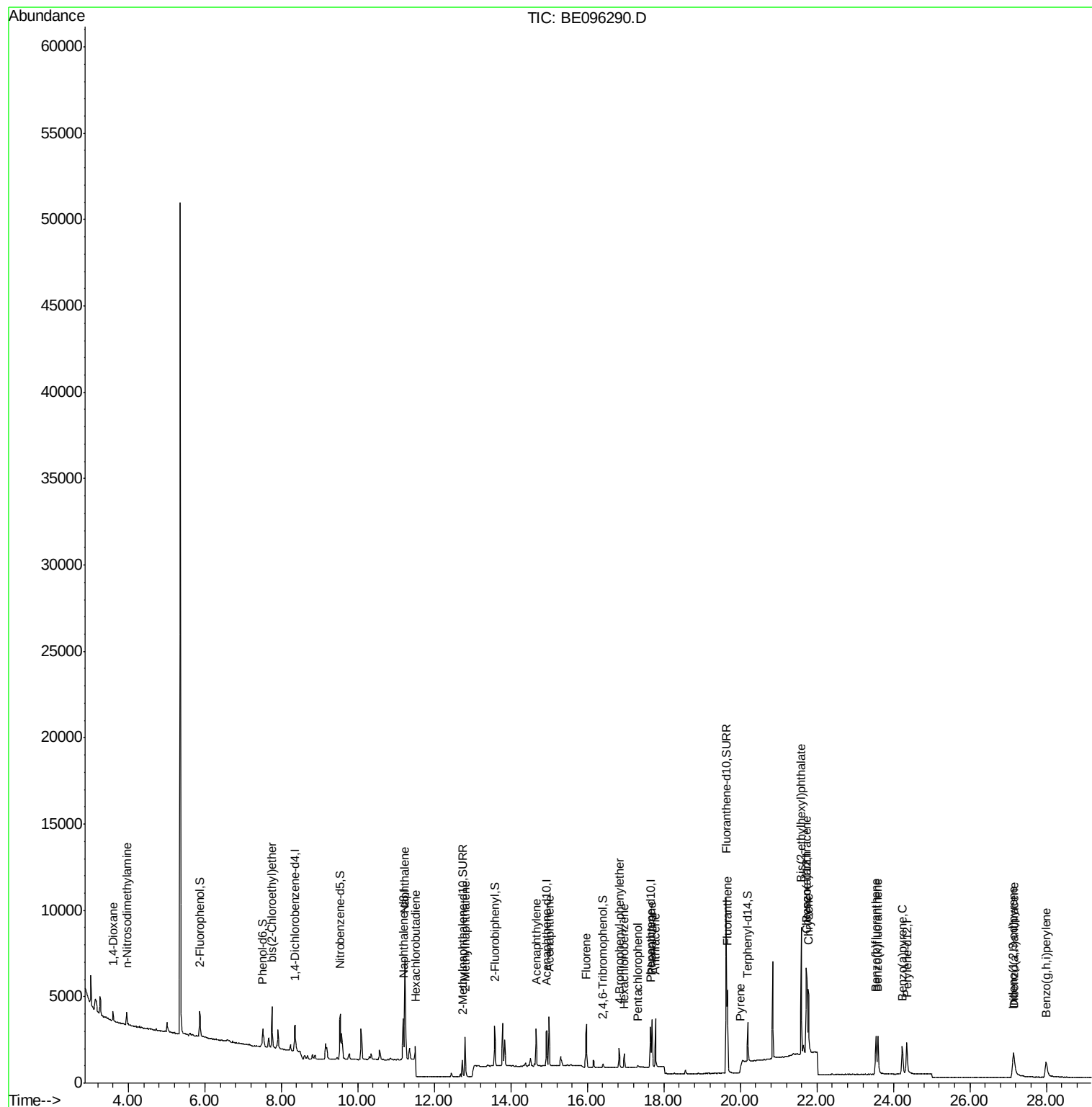
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	384	0.302	ng	# 79
3) n-Nitrosodimethylamine	3.96	42	552	0.354	ng	# 75
6) bis(2-Chloroethyl)ether	7.76	93	902	0.292	ng	92
9) Naphthalene	11.23	128	10238	0.339	ng	99
10) Hexachlorobutadiene	11.50	225	313	0.234	ng	# 80
12) 2-Methylnaphthalene	12.80	142	1658	0.332	ng	92
16) Acenaphthylene	14.67	152	2427	0.342	ng	99
17) Acenaphthene	15.00	154	1428	0.335	ng	93
18) Fluorene	15.97	166	1822	0.345	ng	# 77
20) 4-Bromophenyl-phenylether	16.83	248	566	0.302	ng	# 70
21) Hexachlorobenzene	16.96	284	613	0.328	ng	# 80
22) Pentachlorophenol	17.31	266	75	0.223	ng	90
23) Phenanthrene	17.68	178	3088	0.348	ng	99
24) Anthracene	17.78	178	2978	0.351	ng	96
26) Fluoranthene	19.67	202	4179	0.359	ng	98
28) Pyrene	20.00	202	347	0.051	ng	# 80
30) Benzo(a)anthracene	21.73	228	3794	0.345	ng	96
31) Chrysene	21.78	228	3910	0.368	ng	96
32) Bis(2-ethylhexyl)phthalate	21.60	149	8237	0.290	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	2757	0.268	ng	94
35) Benzo(b)fluoranthene	23.54	252	3364	0.372	ng	# 94
36) Benzo(k)fluoranthene	23.59	252	3697	0.397	ng	# 89
37) Benzo(a)pyrene	24.23	252	3277	0.377	ng	# 89
38) Dibenzo(a,h)anthracene	27.15	278	2173	0.283	ng	# 84
39) Benzo(g,h,i)perylene	27.99	276	2666	0.329	ng	# 88

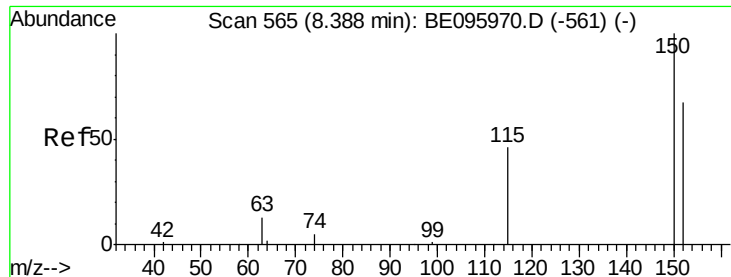
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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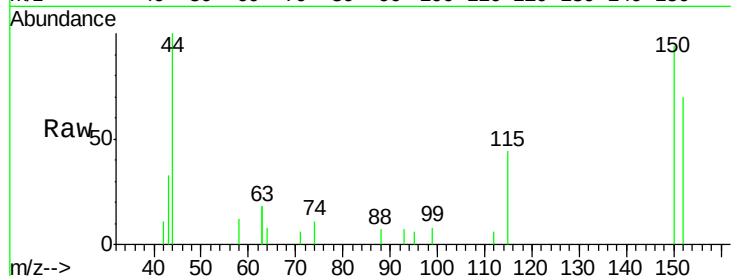


#1

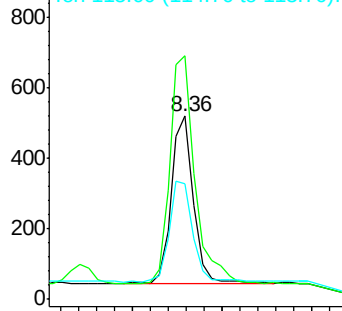
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096290.D
Acq: 2 May 2018 11:38

Instrument :
BNA_E
ClientSampleId :
PB108661BS

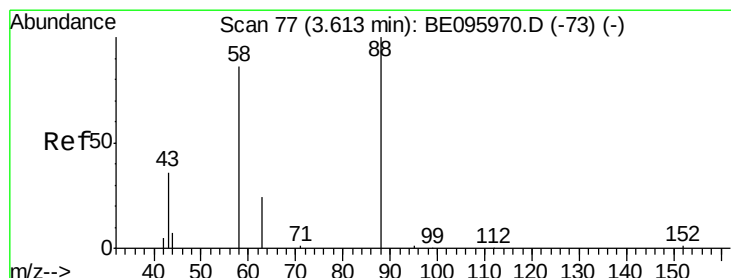
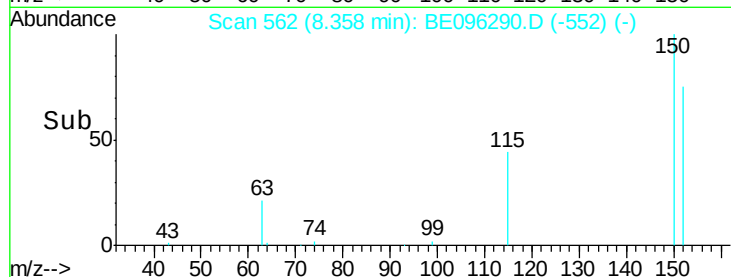
Tot Ion:152 Resp: 823
Ion Ratio Lower Upper
152 100
150 132.9 117.2 175.8
115 62.8 57.0 85.6



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



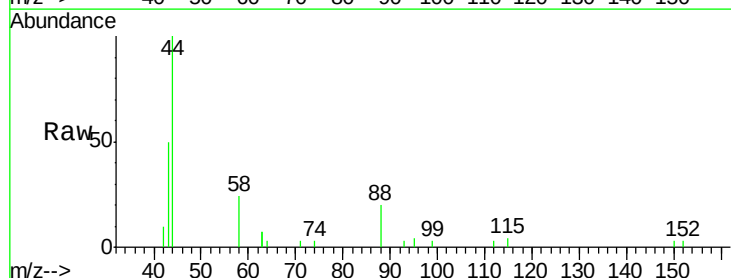
Time-->



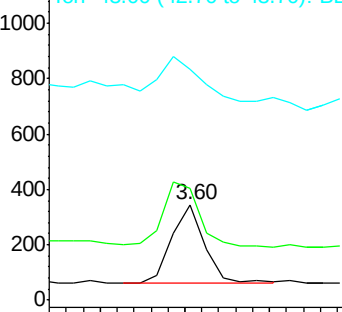
#2

1,4-Dioxane
Concen: 0.302 ng
RT: 3.60 min Scan# 76
Delta R.T. -0.00 min
Lab File: BE096290.D
Acq: 2 May 2018 11:38

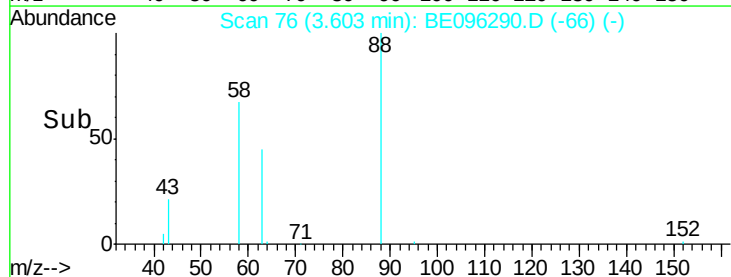
Tgt Ion: 88 Resp: 384
Ion Ratio Lower Upper
88 100
58 92.4 63.2 94.8
43 72.7 41.2 61.8#

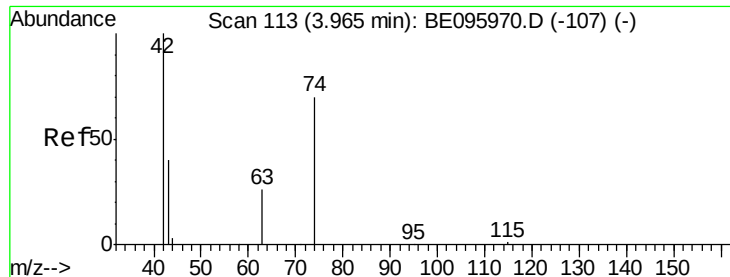


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



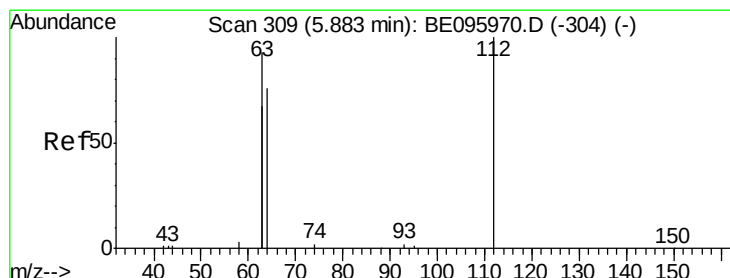
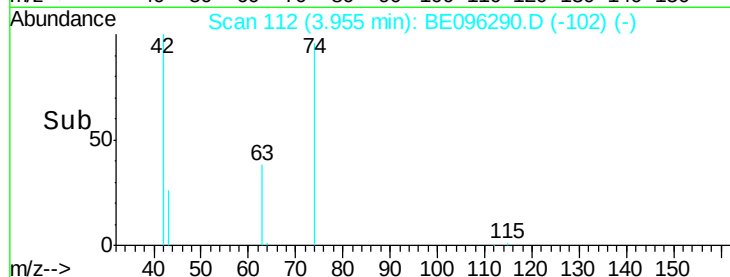
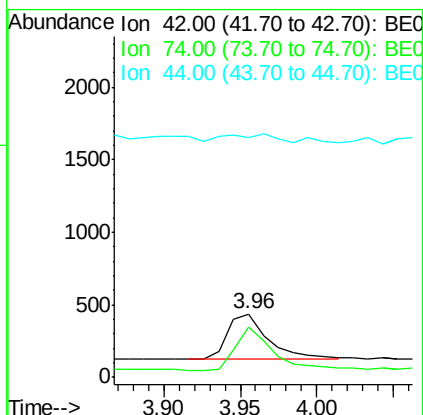
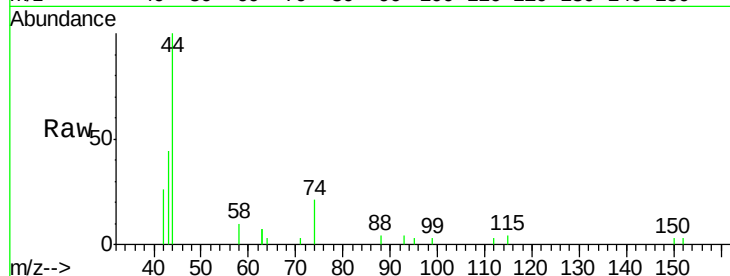


#3

n-Nitrosodimethylamine
 Concen: 0.354 ng
 RT: 3.96 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: BE096290.D
 Acq: 2 May 2018 11:38

Instrument :
 BNA_E
 ClientSampleId :
 PB108661BS

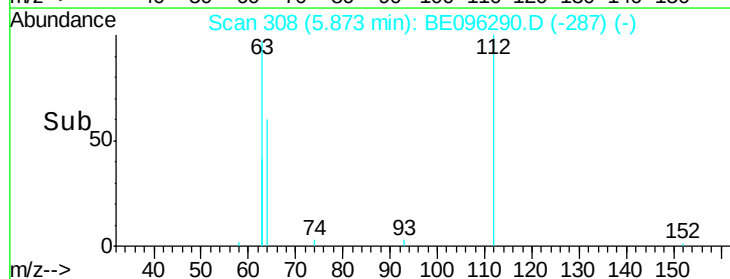
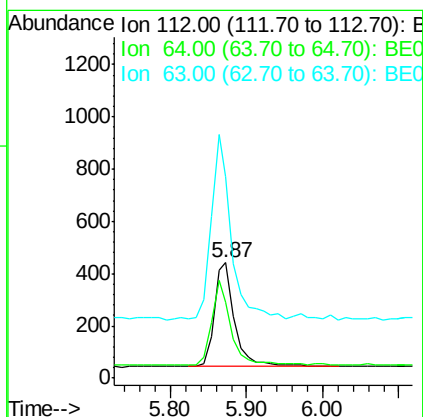
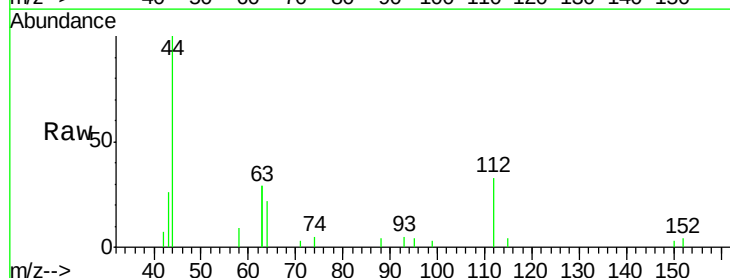
Tot Ion: 42 Resp: 552
 Ion Ratio Lower Upper
 42 100
 74 90.9 96.0 144.0#
 44 22.8 12.0 18.0#

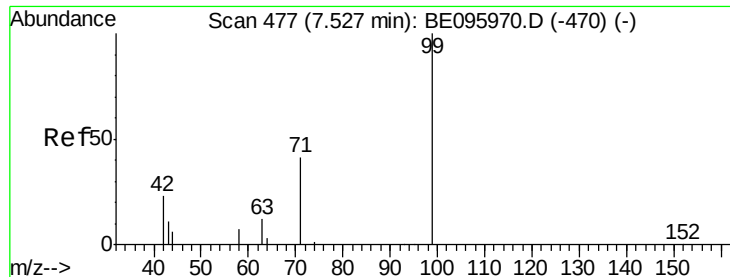


#4

2-Fluorophenol
 Concen: 0.297 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096290.D
 Acq: 2 May 2018 11:38

Tgt Ion: 112 Resp: 756
 Ion Ratio Lower Upper
 112 100
 64 76.1 60.1 90.1
 63 172.6 116.8 175.2





#5

Phenol-d6

Concen: 0.282 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

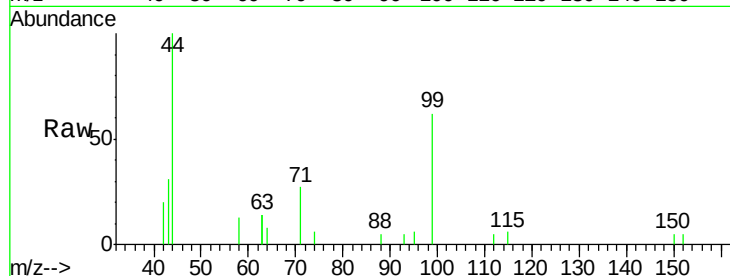
Tot Ion: 99 Resp: 991

Ion Ratio Lower Upper

99 100

42 27.6 20.2 30.2

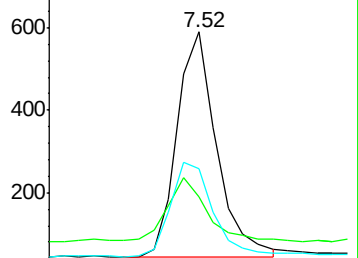
71 44.7 28.4 42.6#



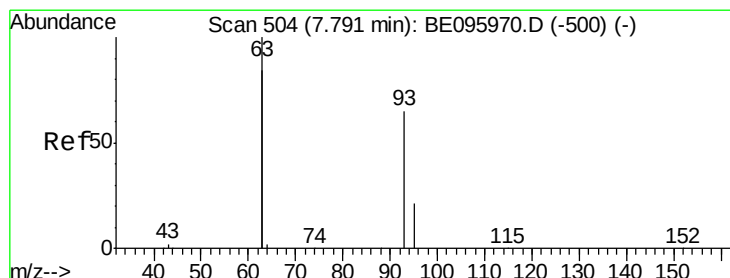
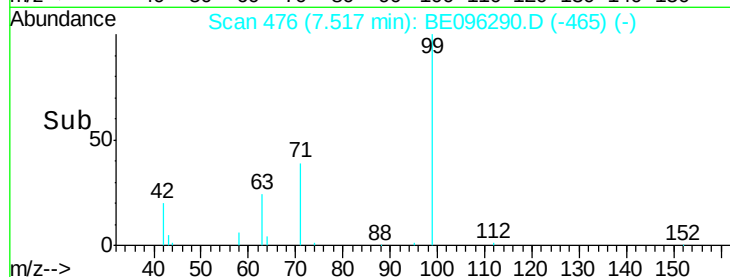
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.292 ng

RT: 7.76 min Scan# 501

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

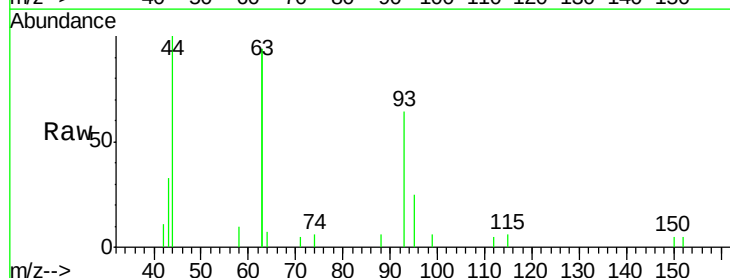
Tgt Ion: 93 Resp: 902

Ion Ratio Lower Upper

93 100

63 325.4 275.3 412.9

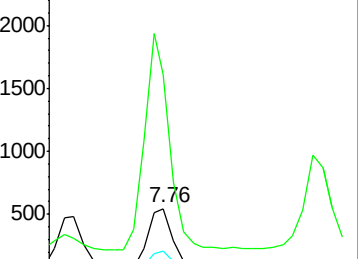
95 31.5 25.2 37.8



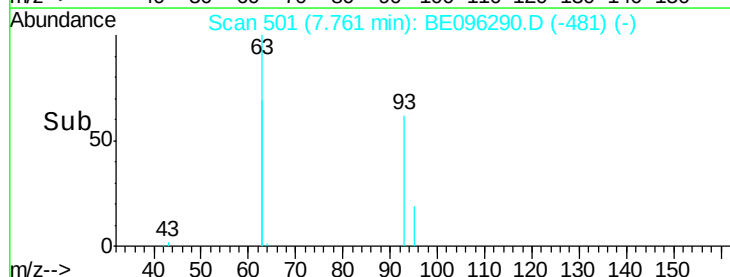
Abundance Ion 93.00 (92.70 to 93.70): BE0

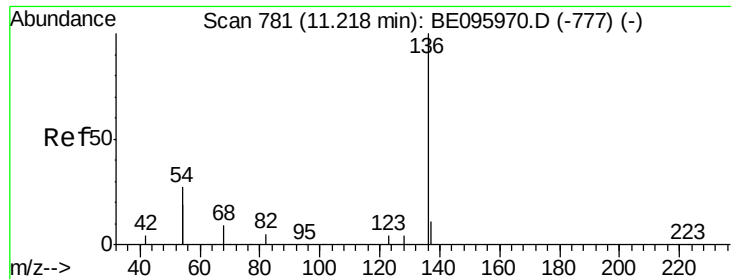
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

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ClientSampleId :

PB108661BS

Tot Ion:136 Resp: 2863

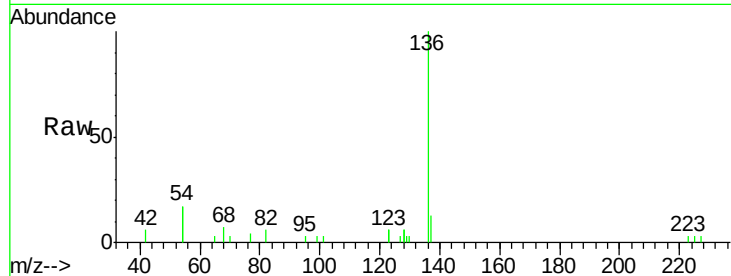
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 33.4 29.1 43.7

68 7.0 6.2 9.2

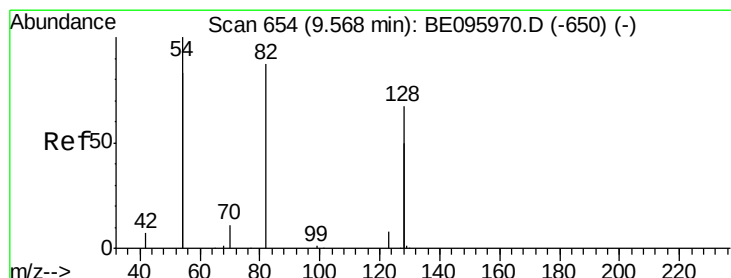
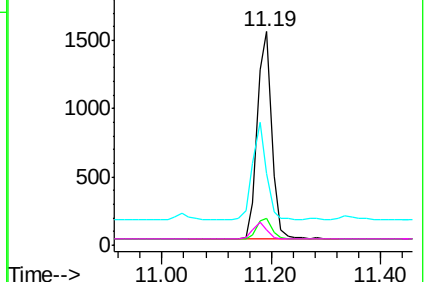
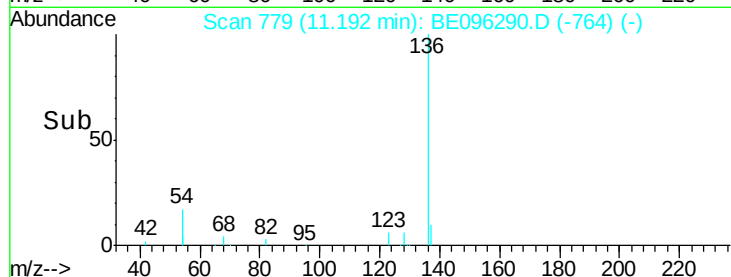


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

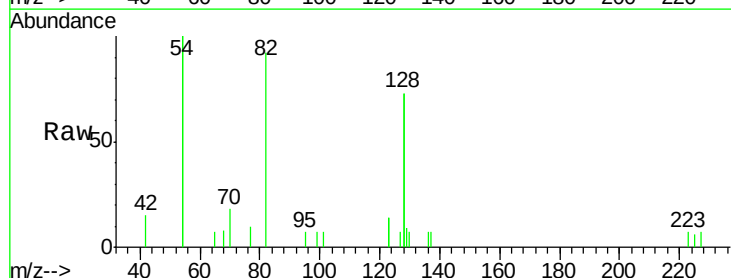
Tgt Ion: 82 Resp: 1075

Ion Ratio Lower Upper

82 100

128 158.5 150.0 225.0

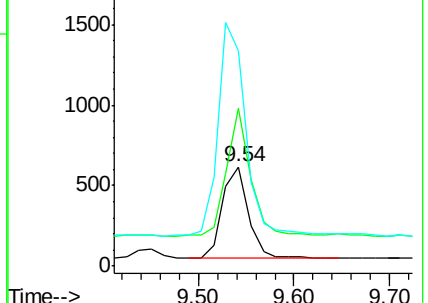
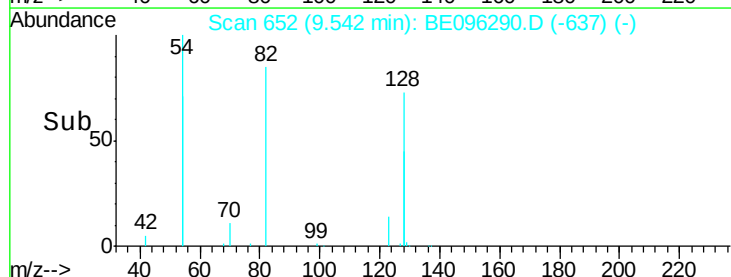
54 216.5 154.2 231.4

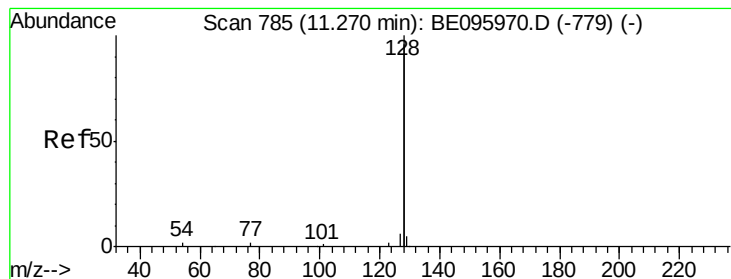


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.339 ng

RT: 11.23 min Scan# 782

Delta R.T. -0.01 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

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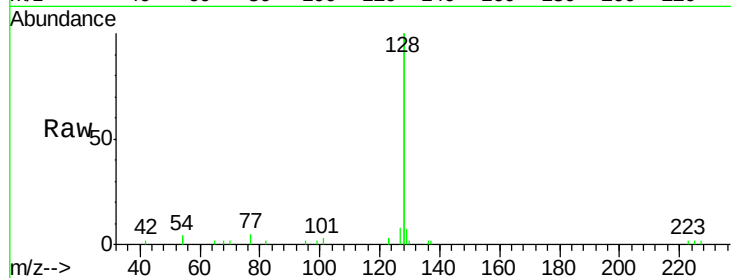
Tot Ion:128 Resp: 10238

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

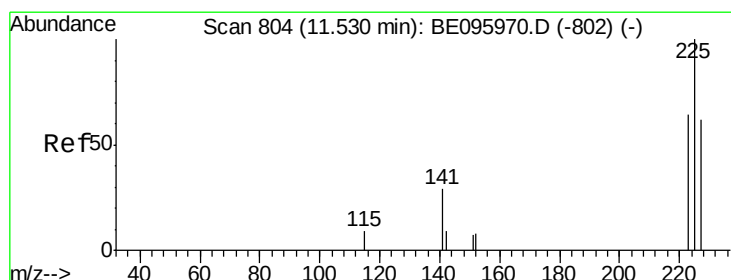
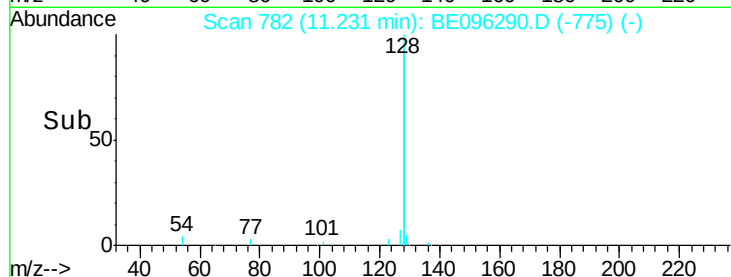
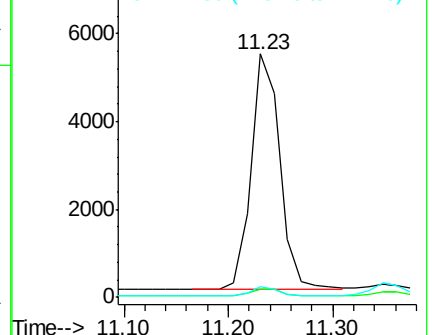
127 4.2 2.8 4.2



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: 0.234 ng

RT: 11.50 min Scan# 803

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

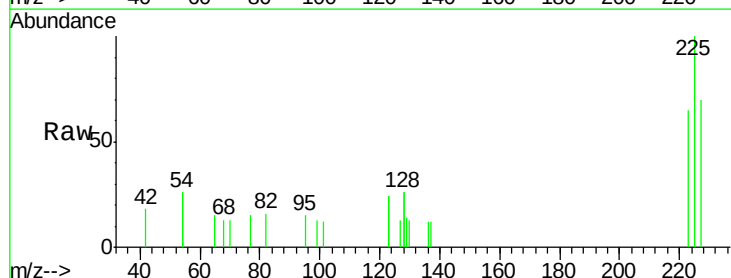
Tgt Ion:225 Resp: 313

Ion Ratio Lower Upper

225 100

223 69.0 53.0 79.6

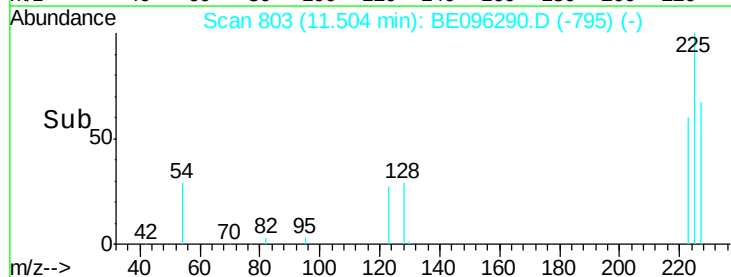
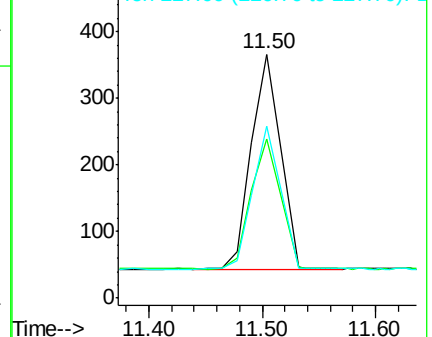
227 93.3 51.4 77.2#

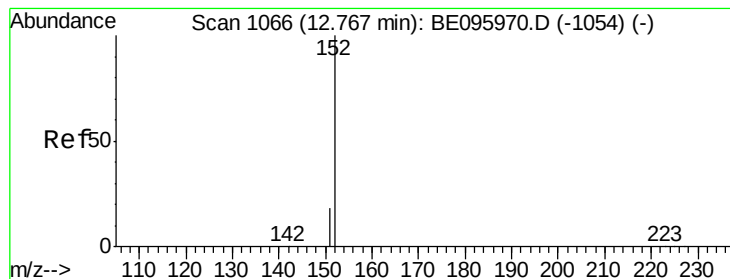


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.303 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

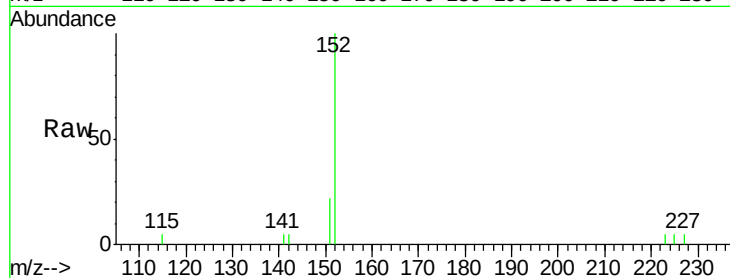
PB108661BS

Tot Ion:152 Resp: 1374

Ion Ratio Lower Upper

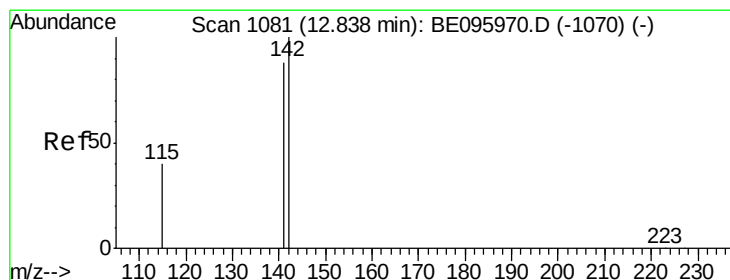
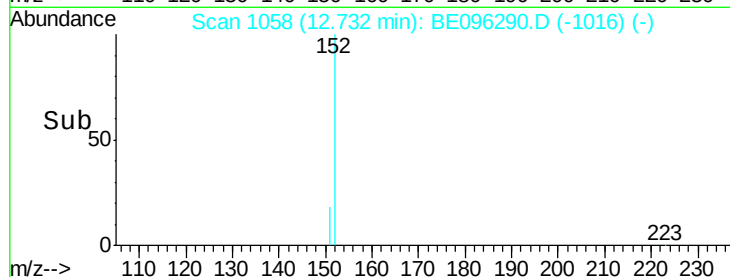
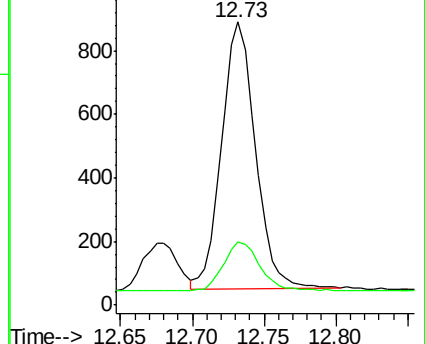
152 100

151 19.4 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: 0.332 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

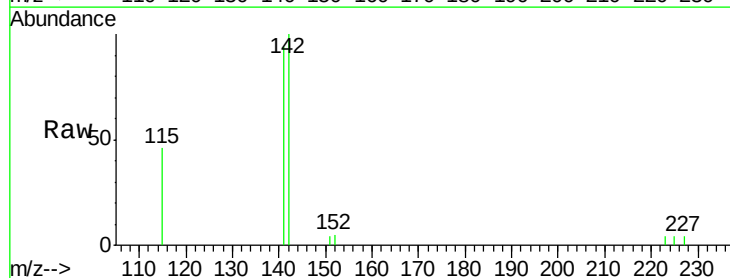
Tgt Ion:142 Resp: 1658

Ion Ratio Lower Upper

142 100

141 93.9 70.4 105.6

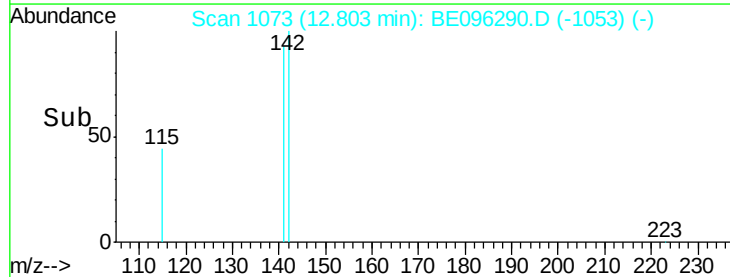
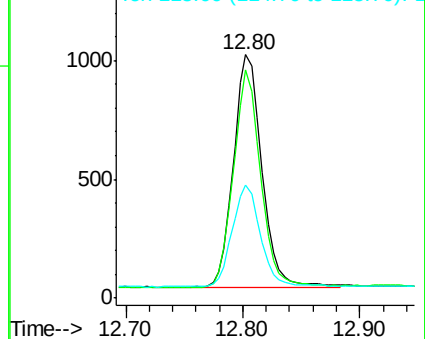
115 46.5 31.7 47.5

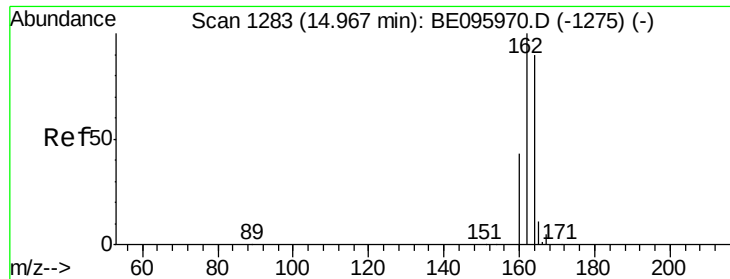


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.94 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BE096290.D

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Instrument :

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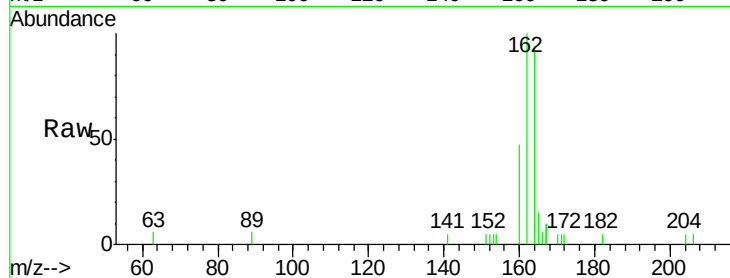
Tot Ion:164 Resp: 1329

Ion Ratio Lower Upper

164 100

162 106.9 83.1 124.7

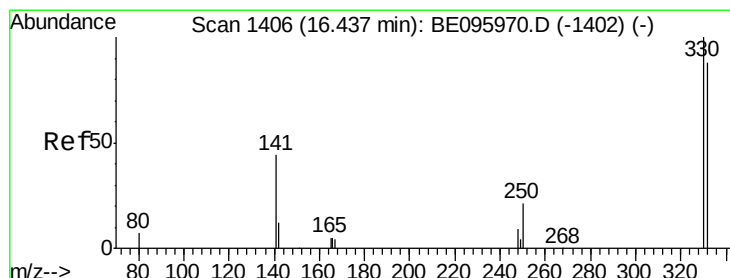
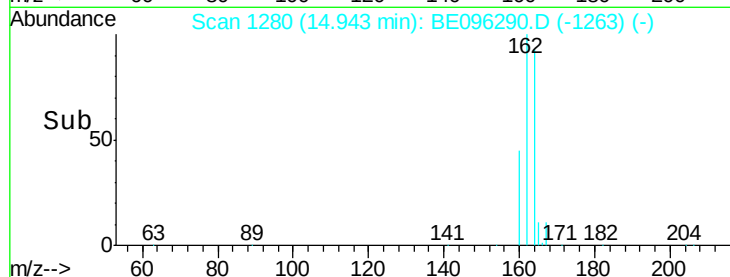
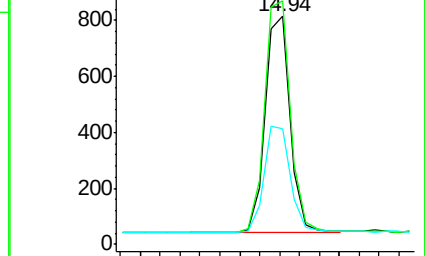
160 50.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.190 ng

RT: 16.41 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

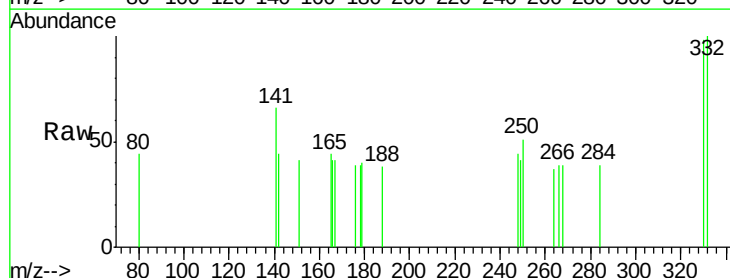
Tgt Ion:330 Resp: 122

Ion Ratio Lower Upper

330 100

332 100.0 152.7 229.1#

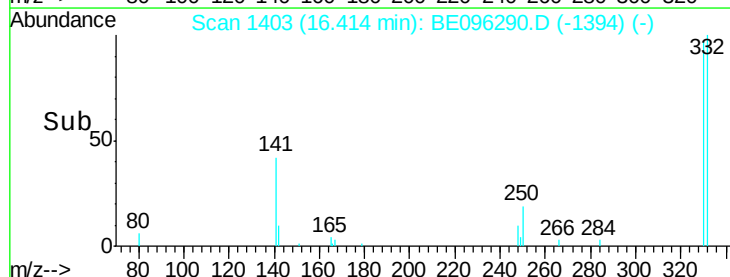
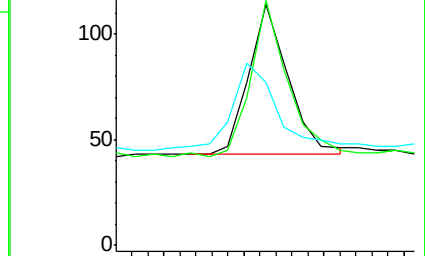
141 67.2 33.7 50.5#

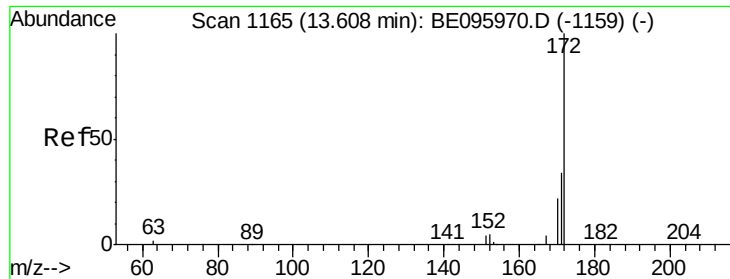


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

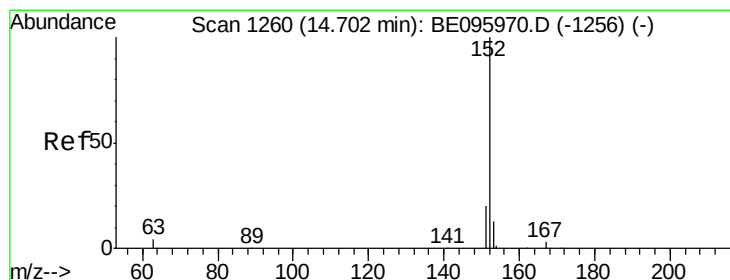
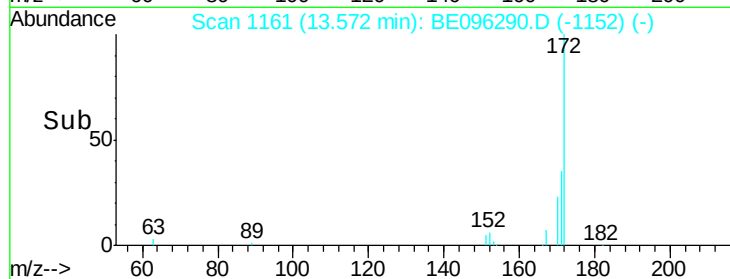
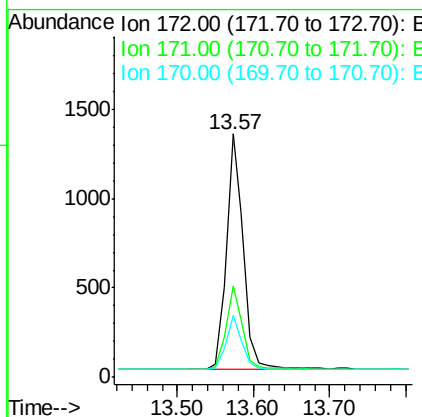
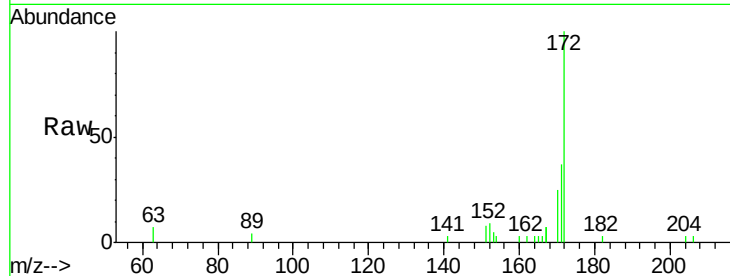




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.57 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096290.D
Acq: 2 May 2018 11:38

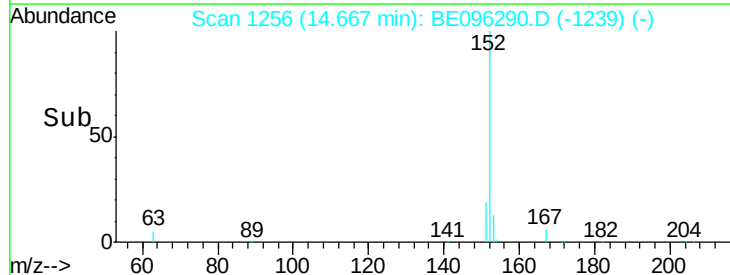
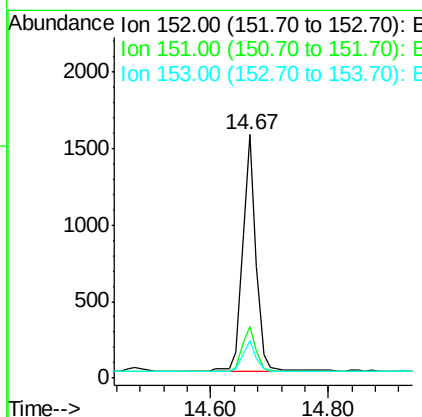
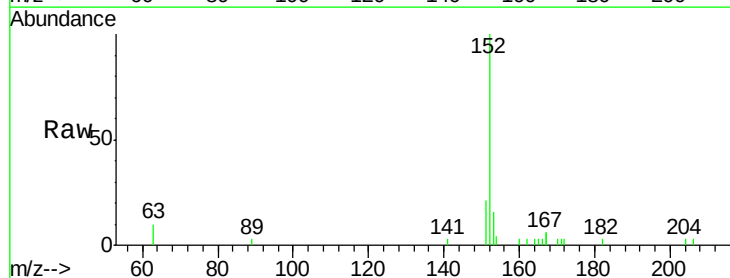
Instrument :
BNA_E
ClientSampleId :
PB108661BS

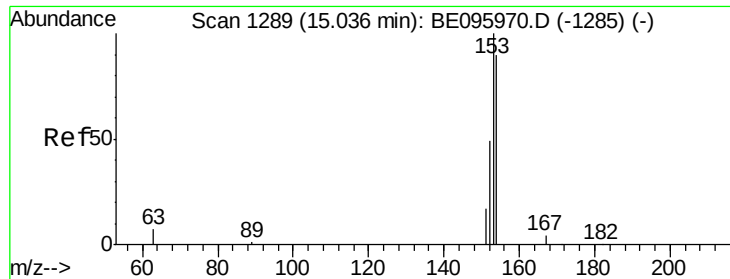
Tot Ion:172 Resp: 2080
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 25.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.67 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096290.D
Acq: 2 May 2018 11:38

Tgt Ion:152 Resp: 2427
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.335 ng

RT: 15.00 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

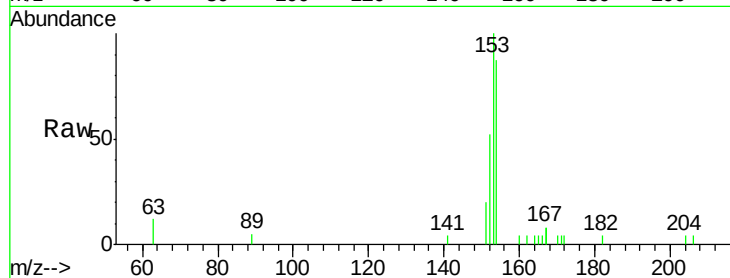
Tot Ion:154 Resp: 1428

Ion Ratio Lower Upper

154 100

153 117.2 89.2 133.8

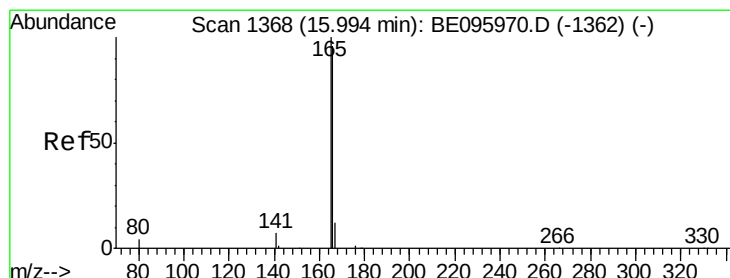
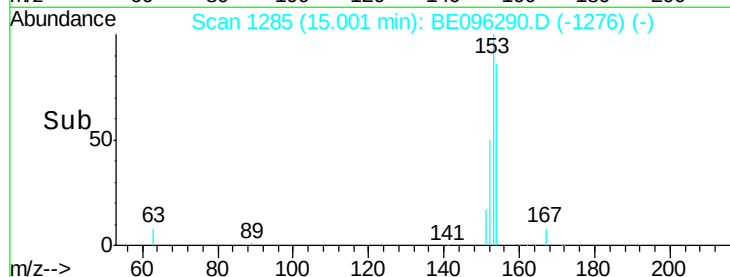
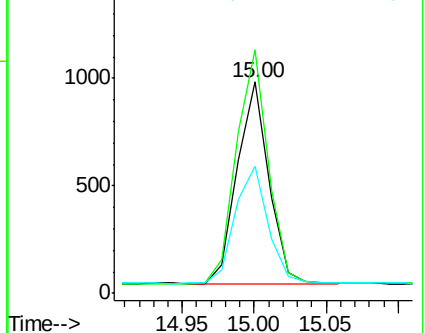
152 61.1 42.0 63.0



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: 0.345 ng

RT: 15.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

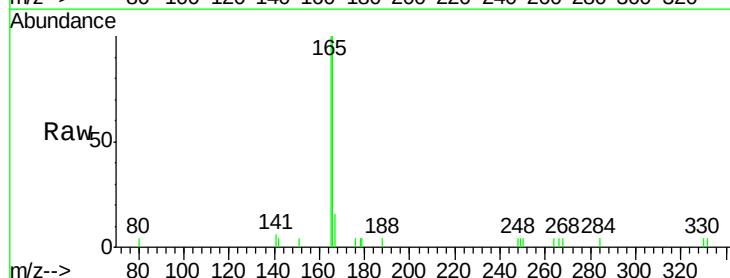
Tgt Ion:166 Resp: 1822

Ion Ratio Lower Upper

166 100

165 101.4 77.8 116.6

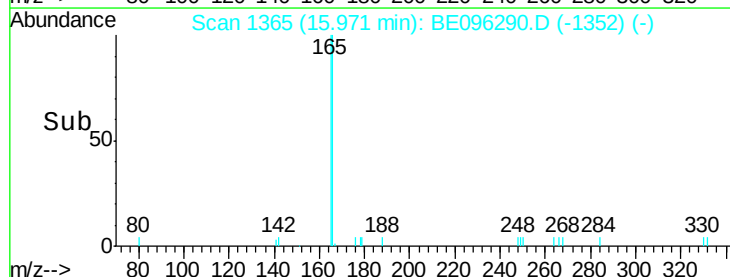
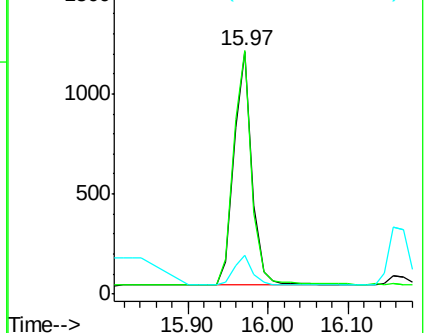
167 13.0 42.4 63.6#

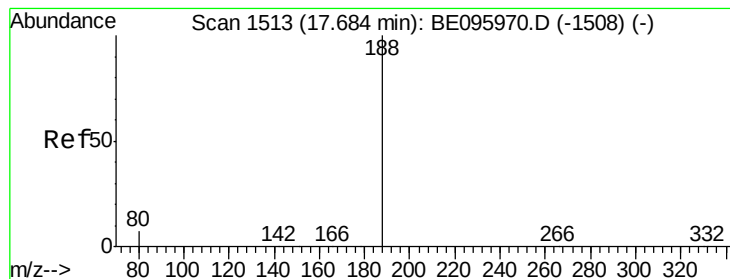


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

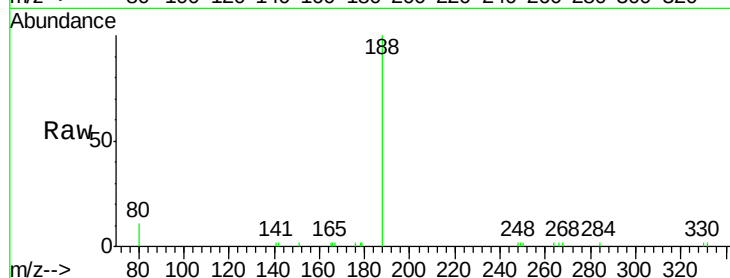
Tot Ion:188 Resp: 3157

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

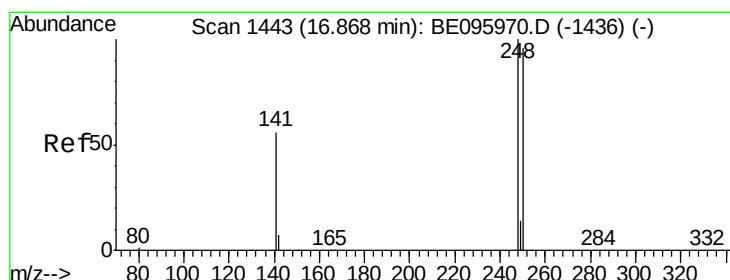
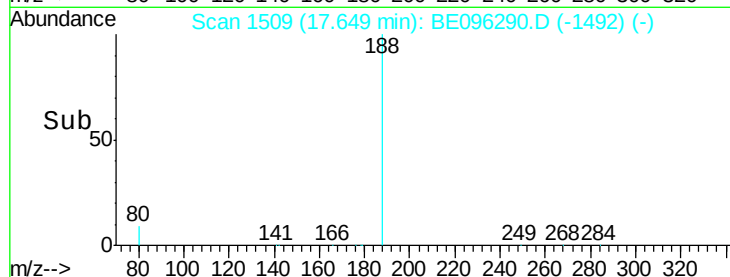
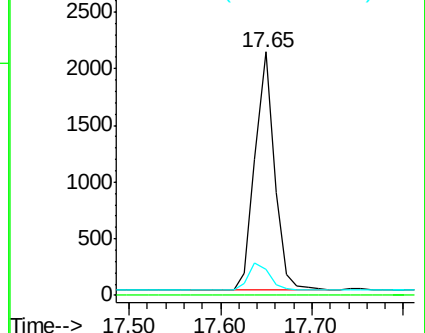
80 10.9 3.6 5.4#



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: 0.302 ng

RT: 16.83 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

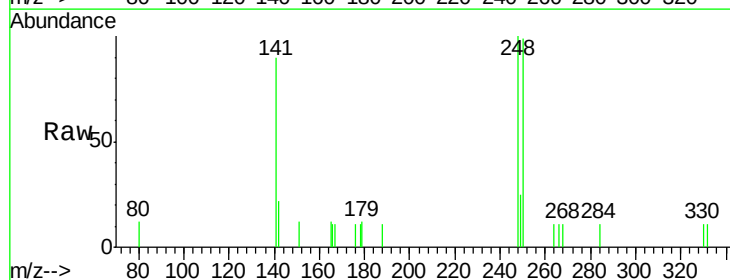
Tgt Ion:248 Resp: 566

Ion Ratio Lower Upper

248 100

250 99.0 62.7 94.1#

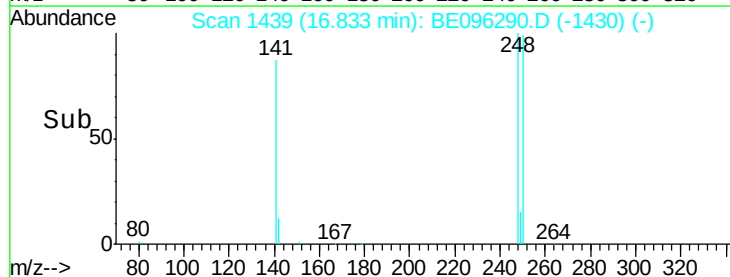
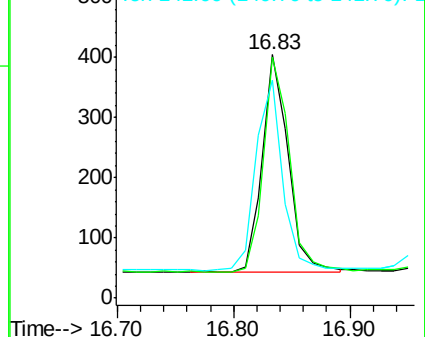
141 89.6 48.2 72.2#

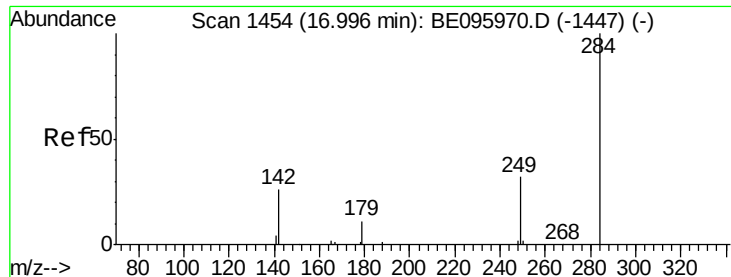


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.328 ng

RT: 16.96 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

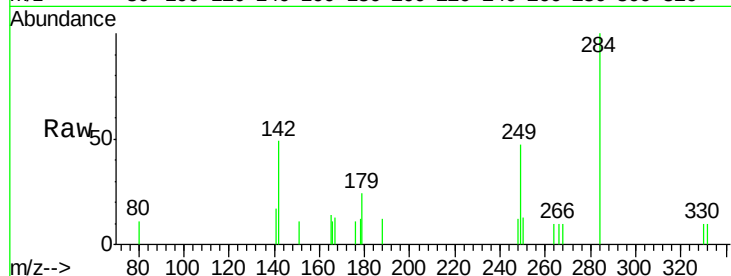
Tot Ion:284 Resp: 613

Ion Ratio Lower Upper

284 100

142 44.9 22.1 33.1#

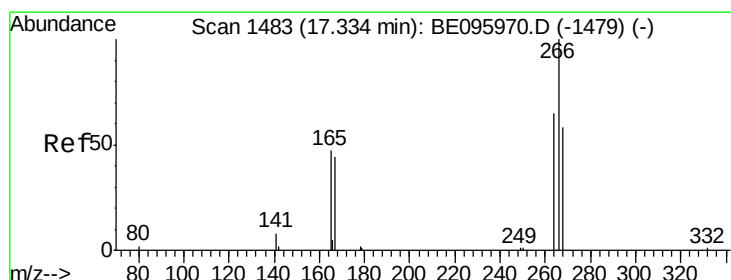
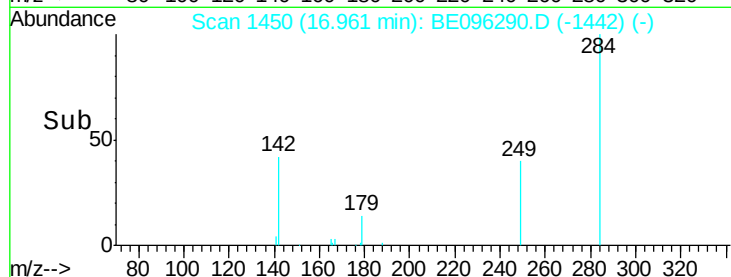
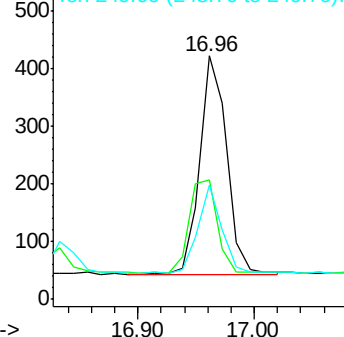
249 35.9 34.8 52.2



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: 0.223 ng

RT: 17.31 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

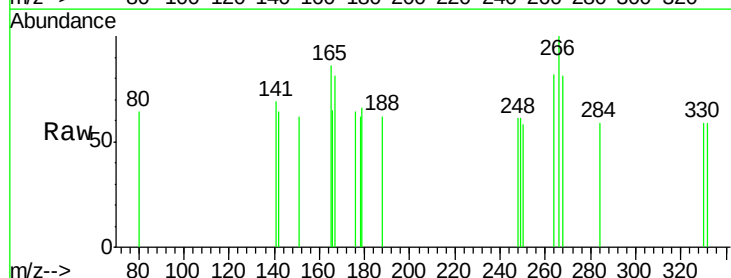
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

264 82.4 72.5 108.7

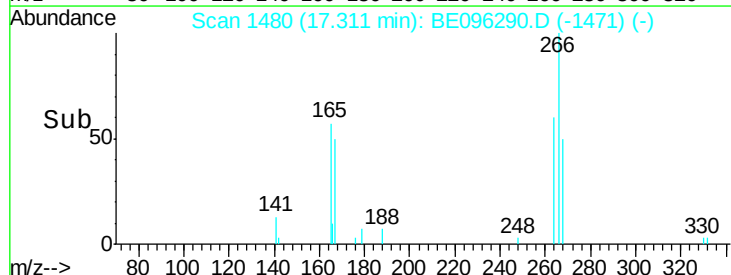
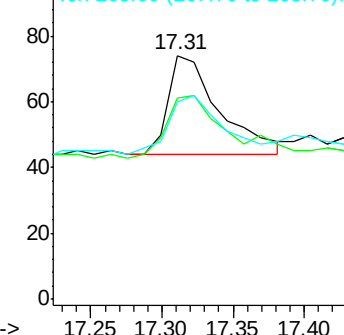
268 81.1 73.8 110.6

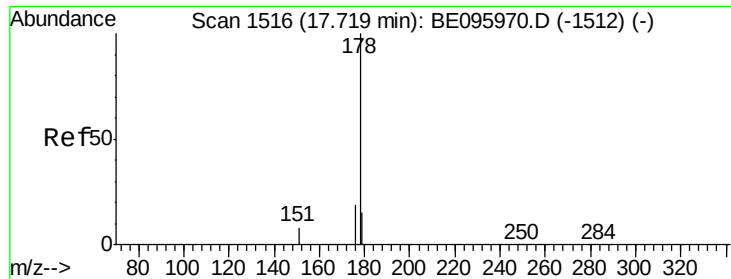


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.348 ng

RT: 17.68 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

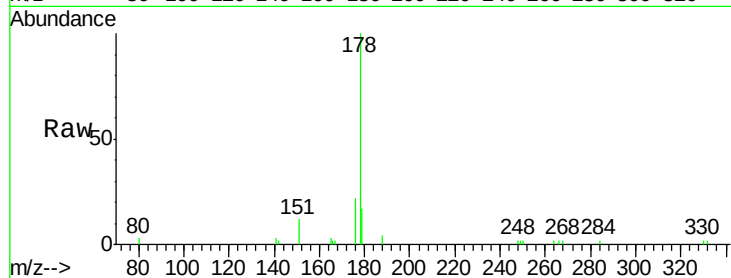
Tot Ion:178 Resp: 3088

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

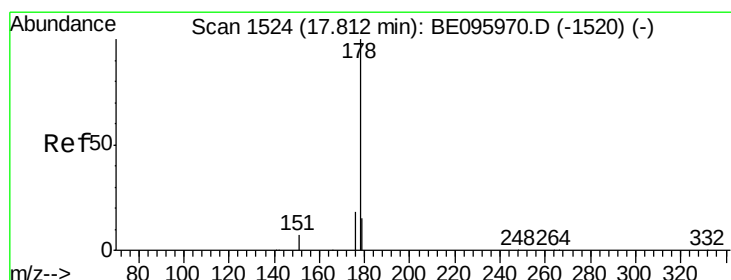
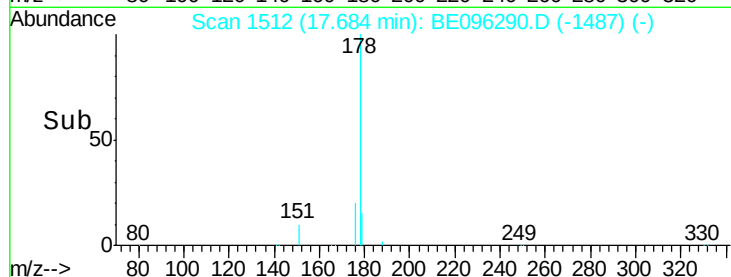
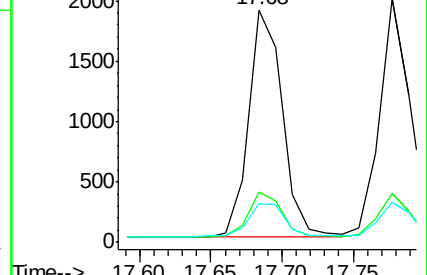
179 15.1 11.8 17.6



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: 0.351 ng

RT: 17.78 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

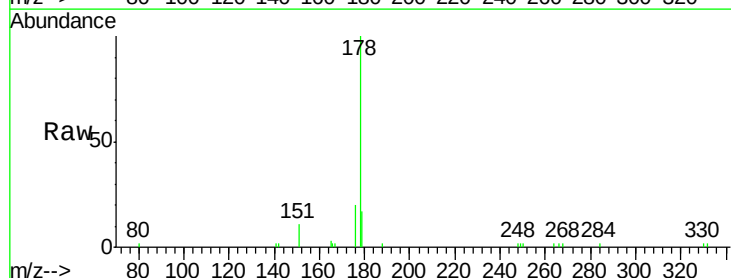
Tgt Ion:178 Resp: 2978

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

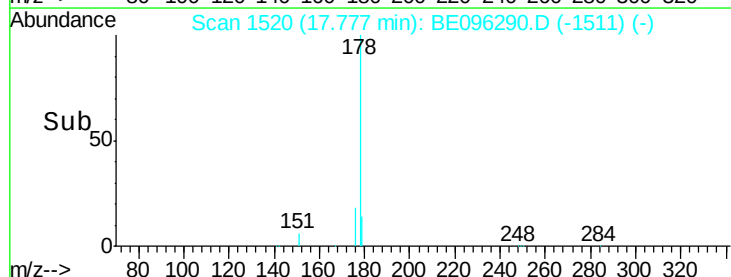
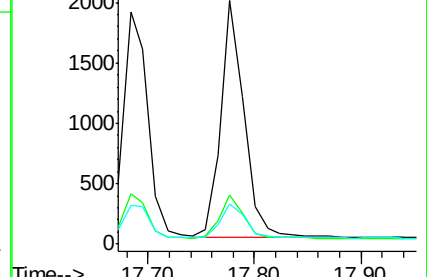
179 15.3 13.0 19.6

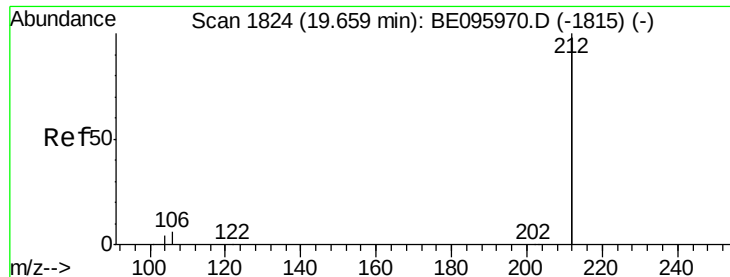


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

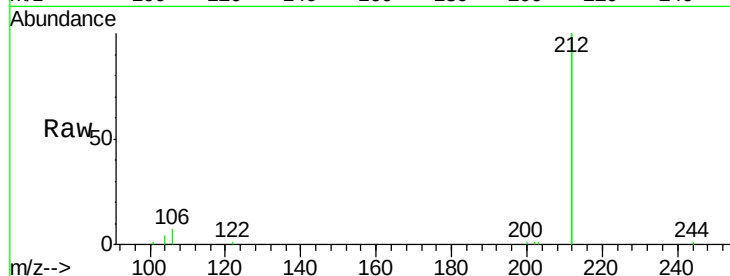
Tot Ion:212 Resp: 14208

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

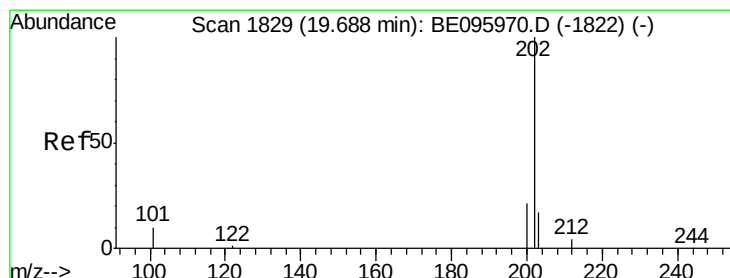
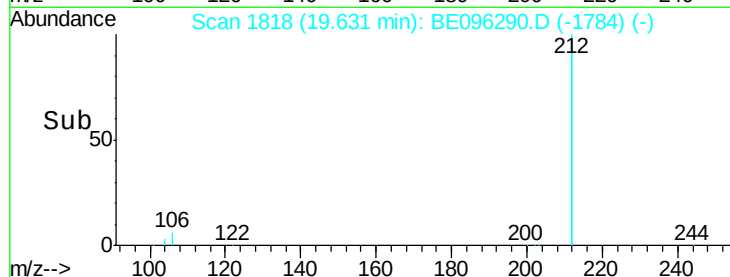
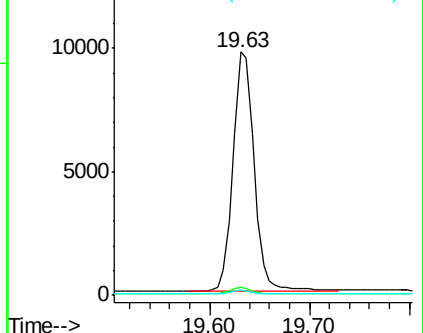
104 1.7 1.6 2.4



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: 0.359 ng

RT: 19.67 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

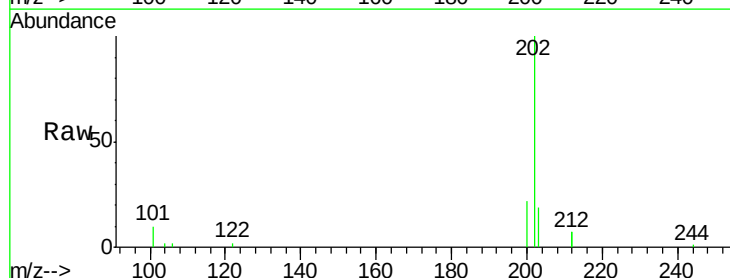
Tgt Ion:202 Resp: 4179

Ion Ratio Lower Upper

202 100

101 10.1 9.8 14.8

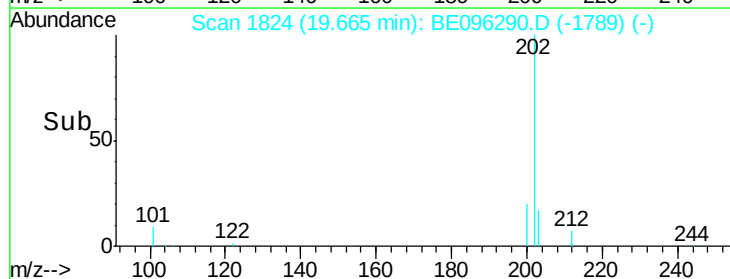
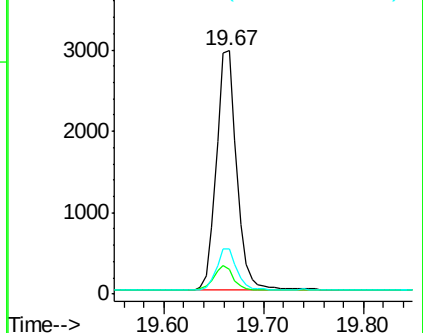
203 17.0 13.7 20.5

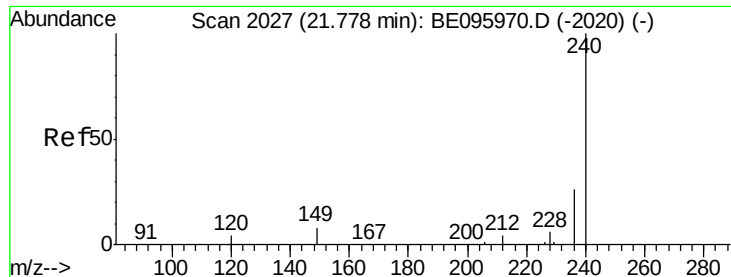


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.74 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampled :

PB108661BS

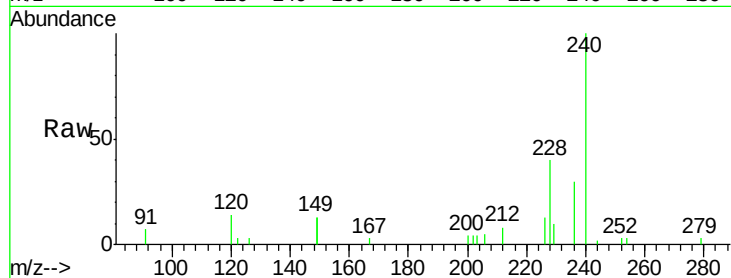
Tot Ion:240 Resp: 3428

Ion Ratio Lower Upper

240 100

120 14.3 5.5 8.3#

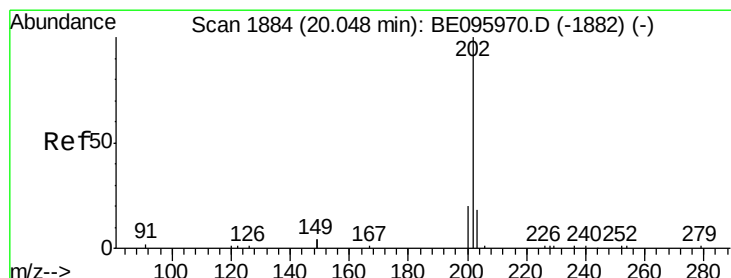
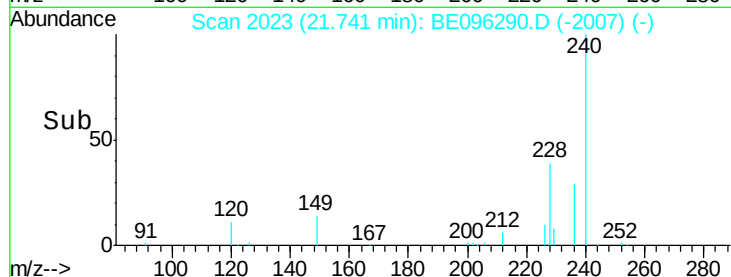
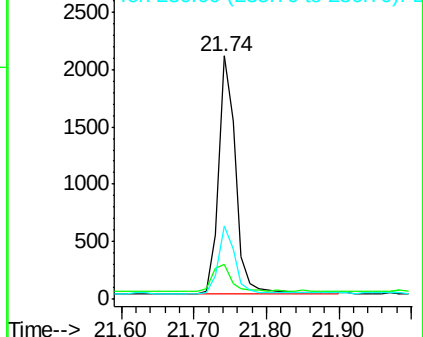
236 30.3 20.7 31.1



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: 0.051 ng

RT: 20.00 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

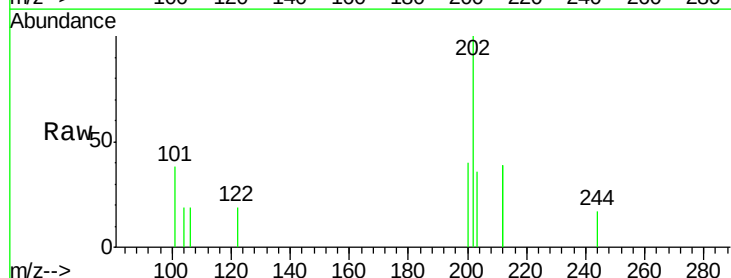
Tgt Ion:202 Resp: 347

Ion Ratio Lower Upper

202 100

200 23.3 16.6 25.0

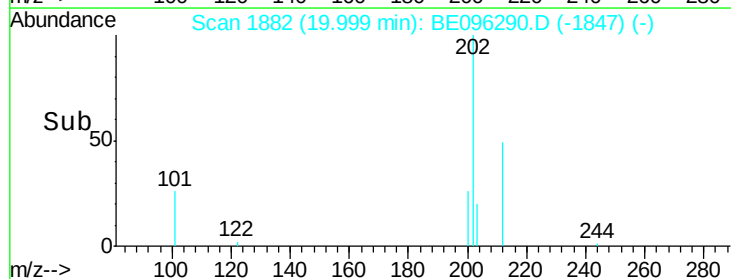
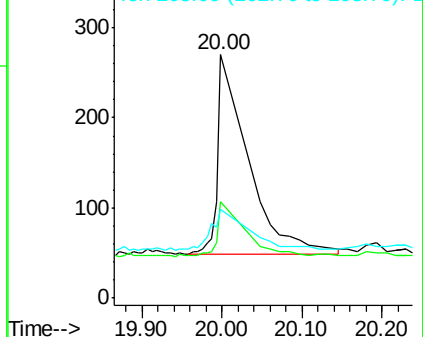
203 34.0 13.8 20.8#

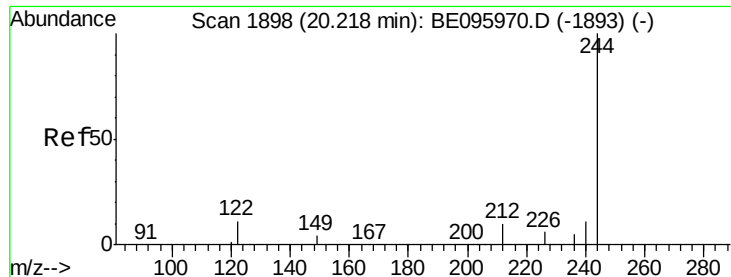


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.294 ng

RT: 20.19 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

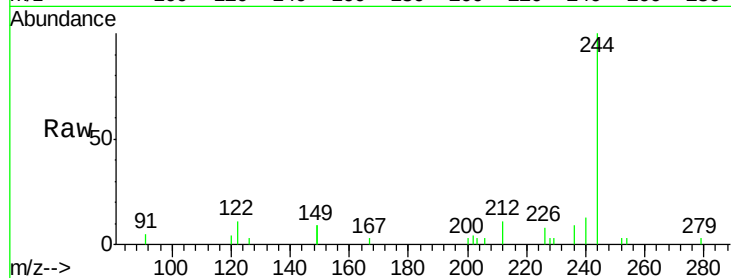
Tot Ion:244 Resp: 2230

Ion Ratio Lower Upper

244 100

212 11.1 25.4 38.0#

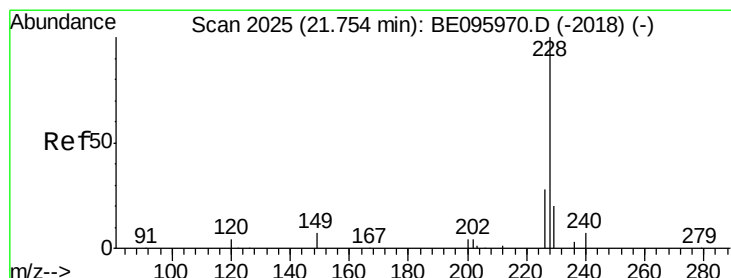
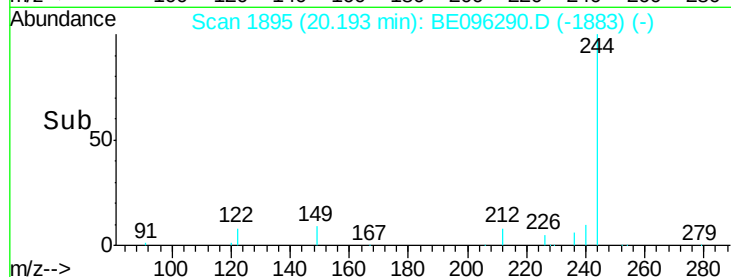
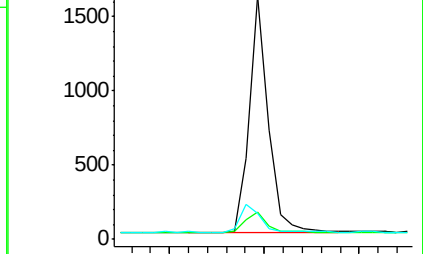
122 10.7 8.1 12.1



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: 0.345 ng

RT: 21.73 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

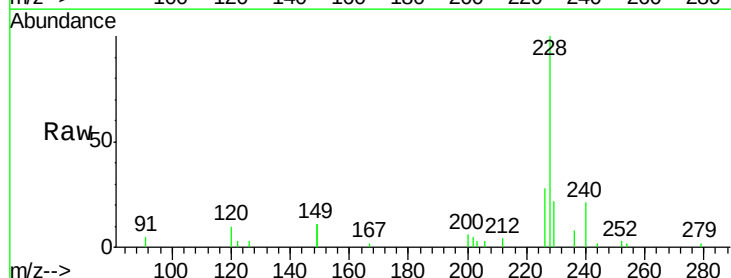
Tgt Ion:228 Resp: 3794

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

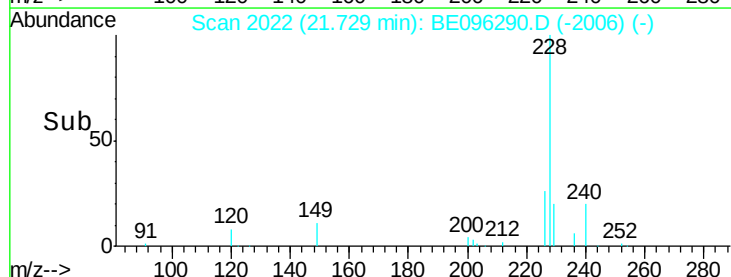
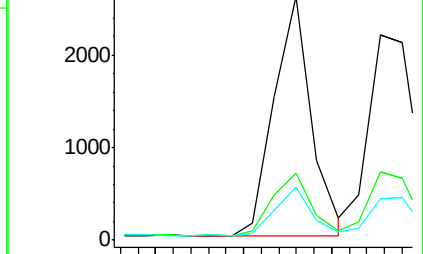
229 21.6 16.0 24.0

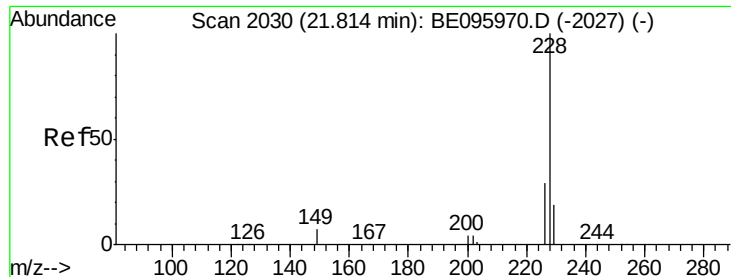


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.368 ng

RT: 21.78 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

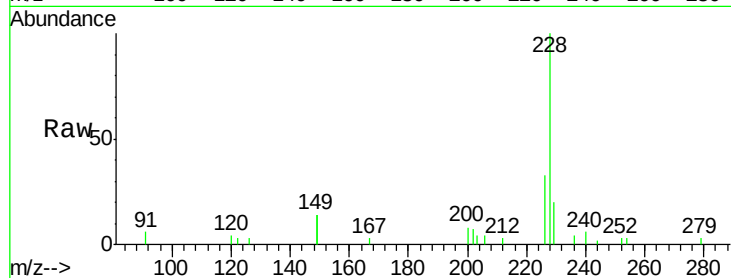
Tot Ion:228 Resp: 3910

Ion Ratio Lower Upper

228 100

226 33.3 24.0 36.0

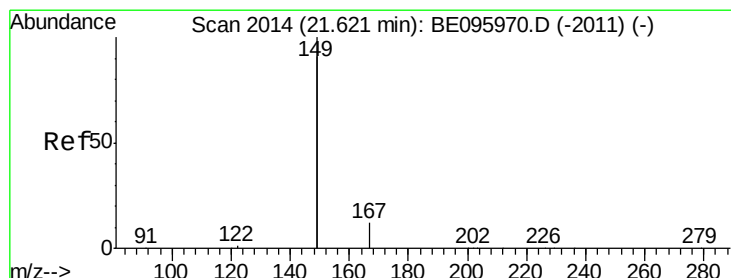
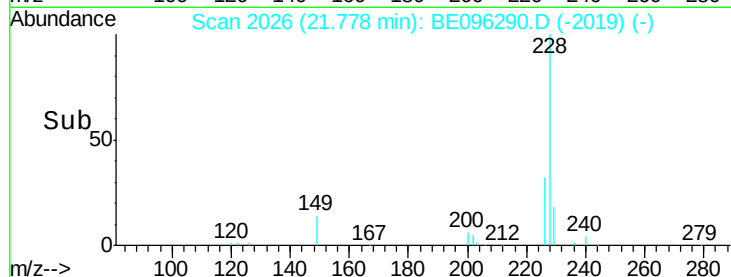
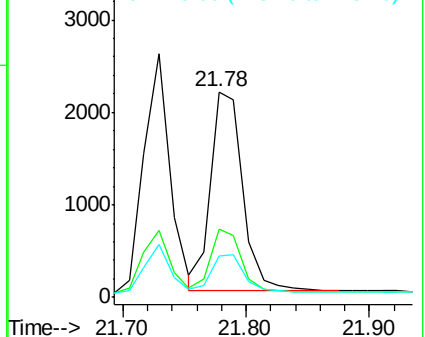
229 20.3 16.0 24.0



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: 0.290 ng

RT: 21.60 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

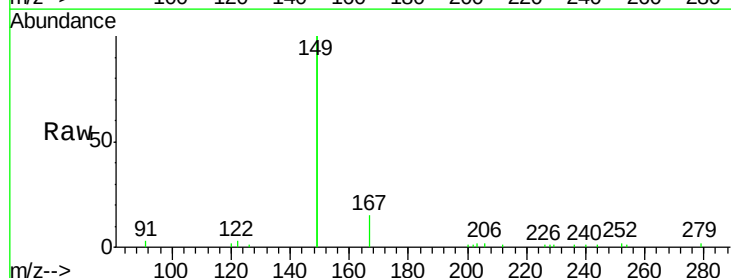
Tgt Ion:149 Resp: 8237

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

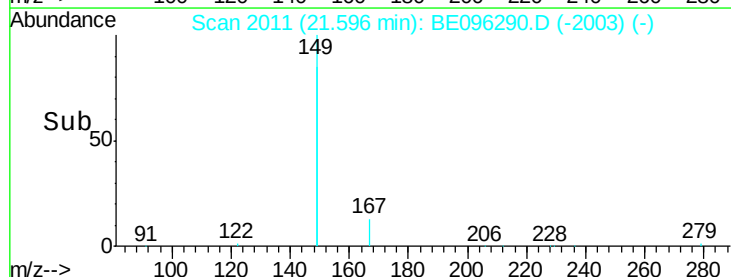
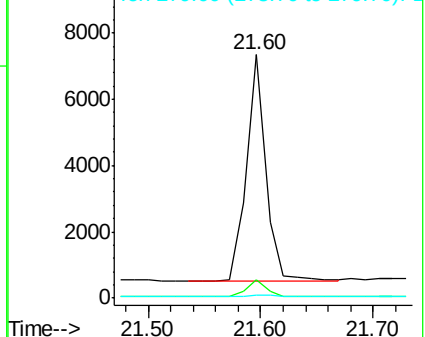
279 0.9 0.7 1.1

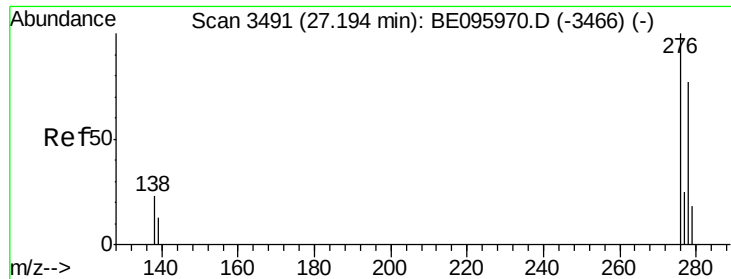


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

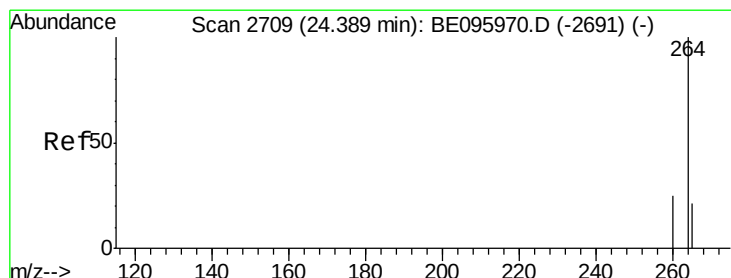
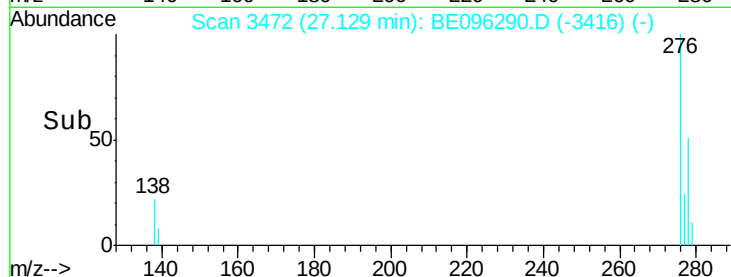
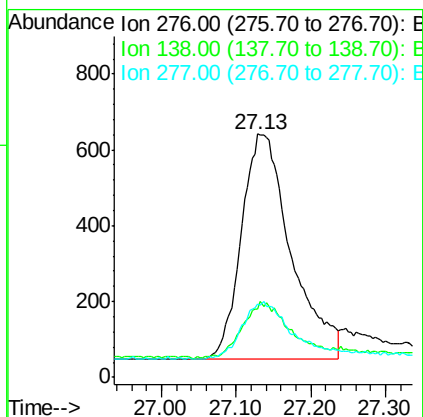
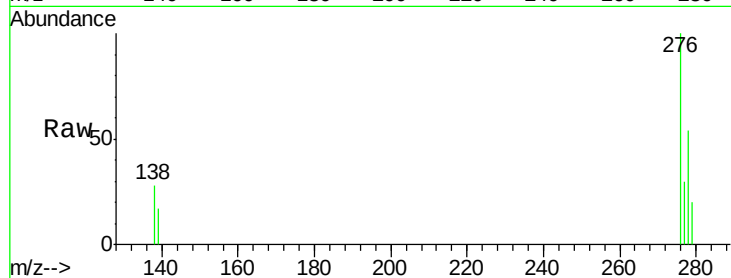




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng
RT: 27.13 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BE096290.D
Acq: 2 May 2018 11:38

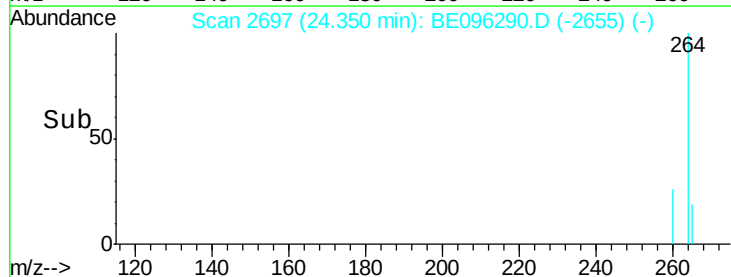
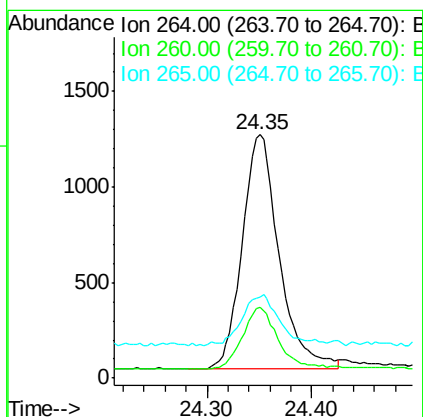
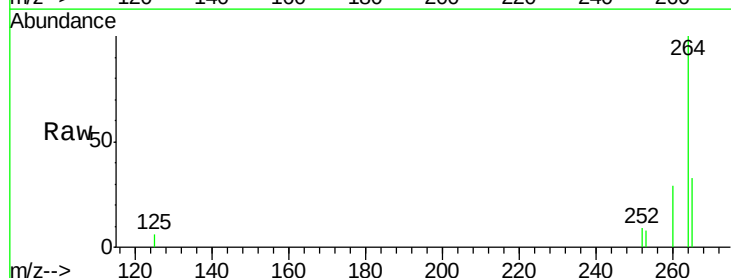
Instrument :
BNA_E
ClientSampleId :
PB108661BS

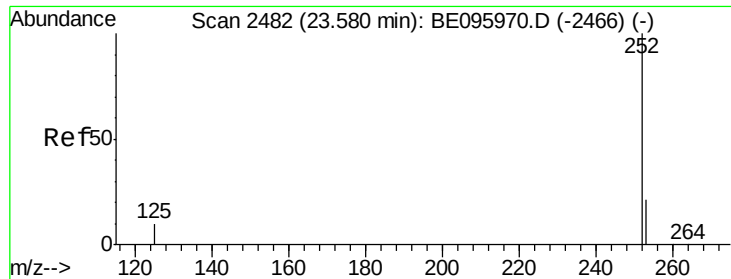
Tot Ion:276 Resp: 2757
Ion Ratio Lower Upper
276 100
138 24.5 22.5 33.7
277 27.1 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096290.D
Acq: 2 May 2018 11:38

Tgt Ion:264 Resp: 3016
Ion Ratio Lower Upper
264 100
260 29.3 20.5 30.7
265 33.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 23.54 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

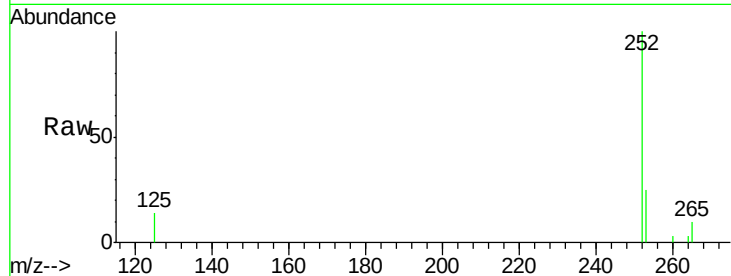
Tot Ion:252 Resp: 3364

Ion Ratio Lower Upper

252 100

253 25.2 20.0 30.0

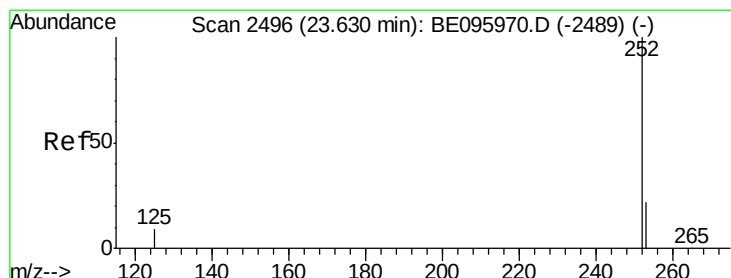
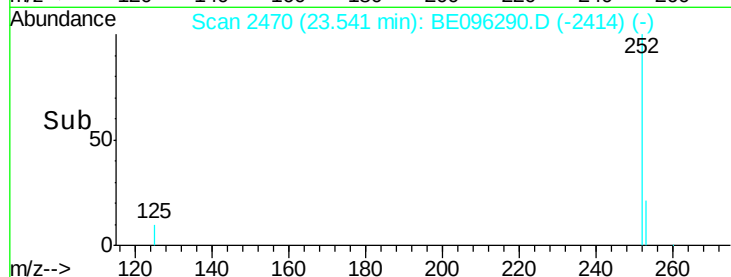
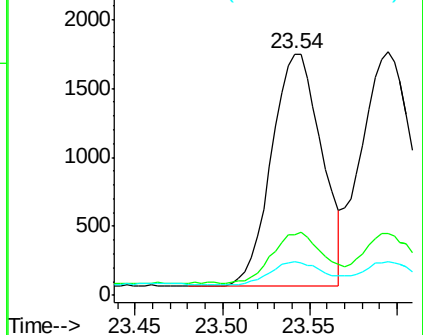
125 14.1 16.0 24.0#



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: 0.397 ng

RT: 23.59 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

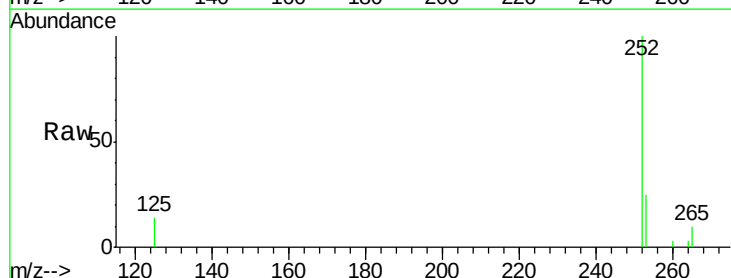
Tgt Ion:252 Resp: 3697

Ion Ratio Lower Upper

252 100

253 25.3 16.0 24.0#

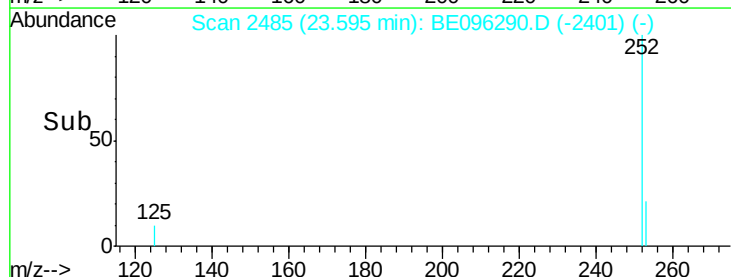
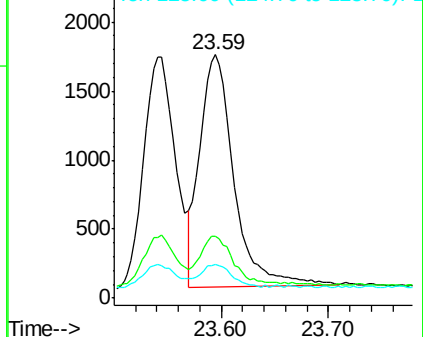
125 13.8 8.0 12.0#

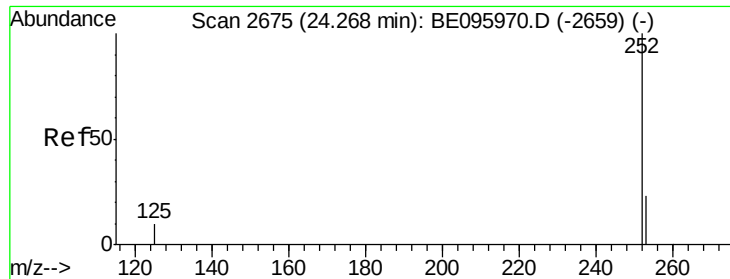


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.377 ng

RT: 24.23 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS

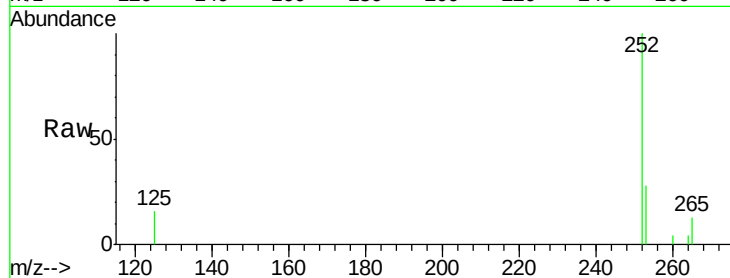
Tot Ion:252 Resp: 3277

Ion Ratio Lower Upper

252 100

253 28.0 16.0 24.0#

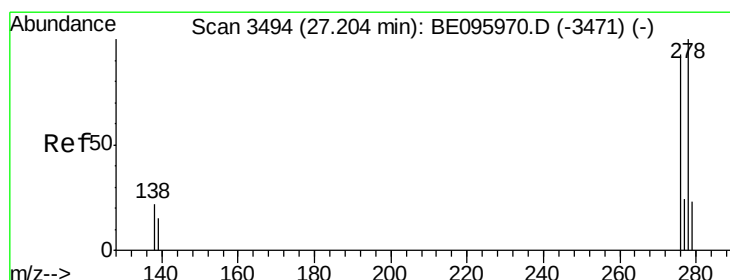
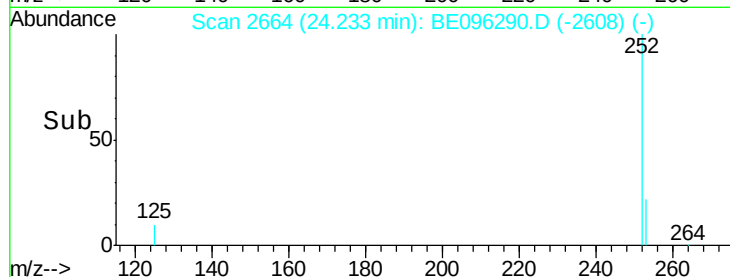
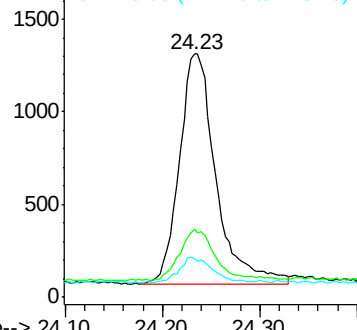
125 15.8 12.0 18.0



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: 0.283 ng

RT: 27.15 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BE096290.D

Acq: 2 May 2018 11:38

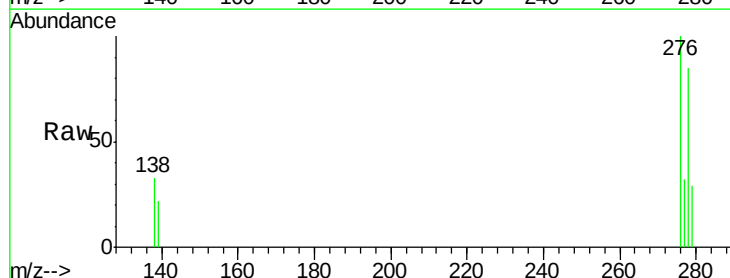
Tgt Ion:278 Resp: 2173

Ion Ratio Lower Upper

278 100

139 26.3 16.0 24.0#

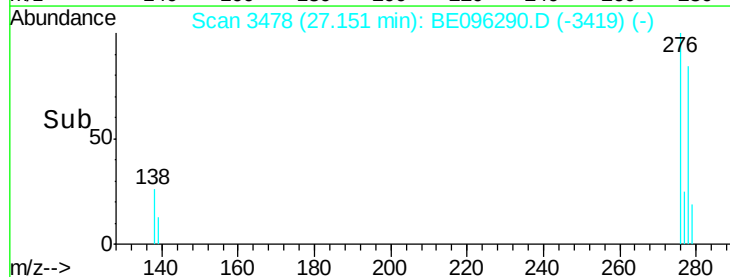
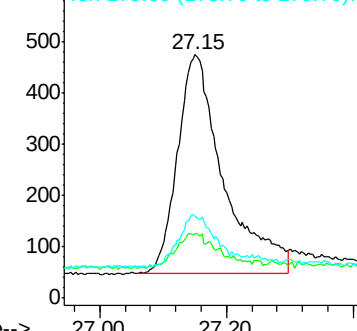
279 34.1 20.0 30.0#

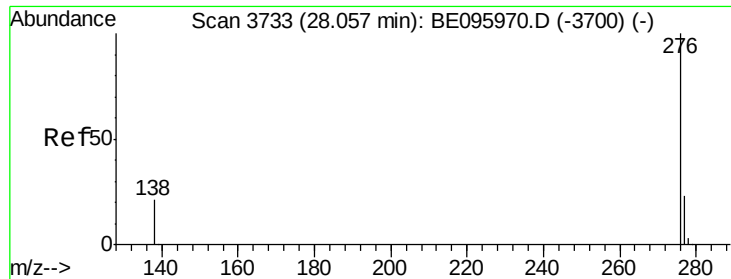


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.329 ng

RT: 27.99 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BE096290.D

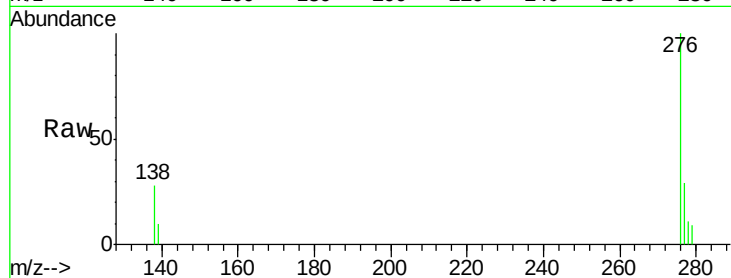
Acq: 2 May 2018 11:38

Instrument :

BNA_E

ClientSampleId :

PB108661BS



Tot Ion:	276	Resp:	2666
Ion Ratio	Lower	Upper	
276	100		
277	29.3	16.0	24.0#
138	27.6	20.0	30.0

