

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096809.D
 Acq On : 18 Jun 2018 15:28
 Operator : SJ/JU
 Sample : PB110224BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB110224BS

Quant Time: Jun 18 16:23:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3994	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	16340	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6594	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14722	0.40	ng	0.00
27) Chrysene-d12	20.98	240	15264	0.40	ng	0.00
34) Perylene-d12	23.22	264	14293	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	2697	0.31	ng	0.00
5) Phenol-d6	6.59	99	3542	0.27	ng	0.00
8) Nitrobenzene-d5	8.53	82	2543	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	8116	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	238	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	8510	0.31	ng	0.00
25) Fluoranthene-d10	18.82	212	37693	0.26	ng	0.00
29) Terphenyl-d14	19.44	244	7922	0.23	ng	0.00

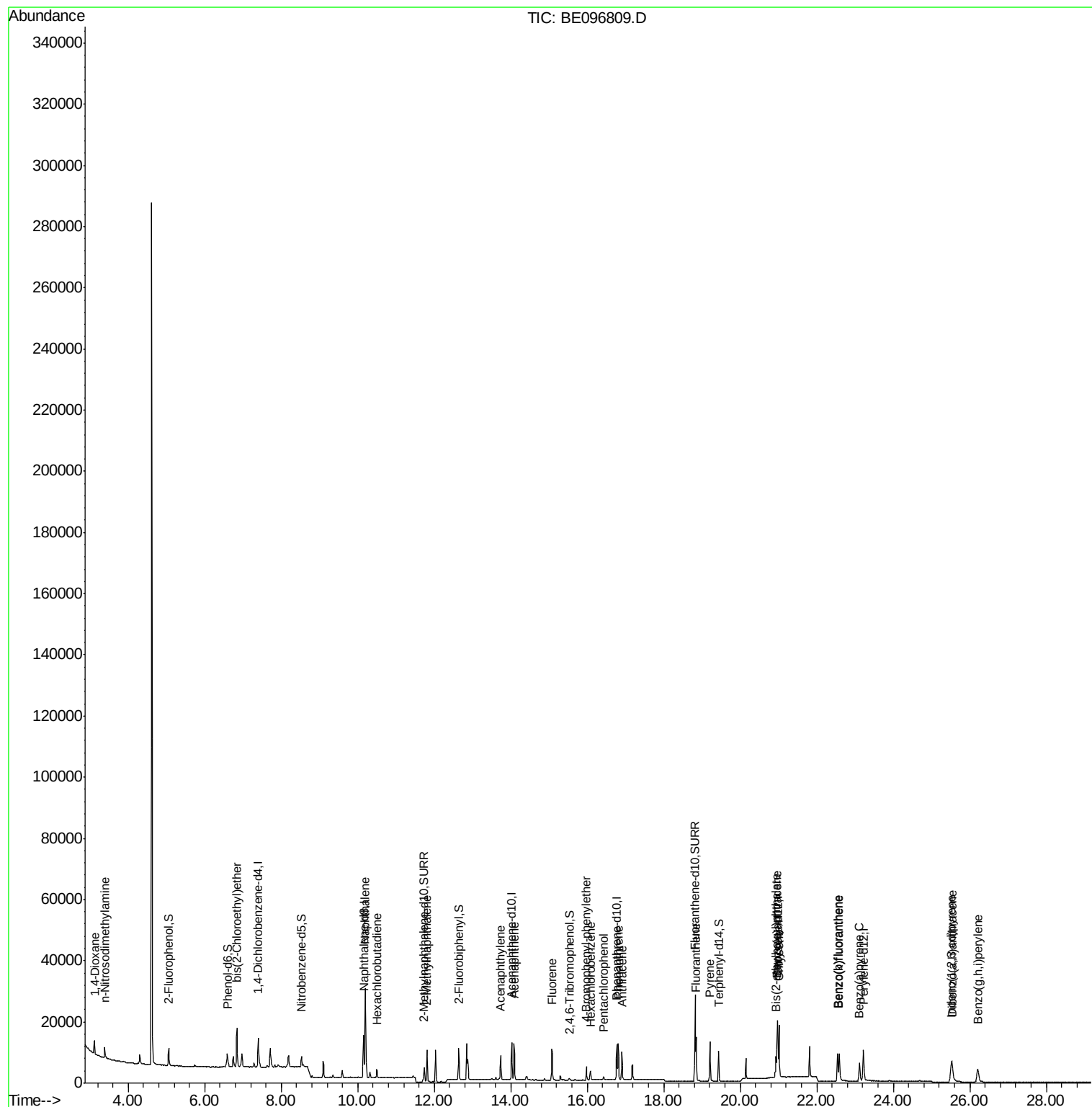
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	2732	0.423	ng	# 82
3) n-Nitrosodimethylamine	3.39	42	2196	0.322	ng	# 86
6) bis(2-Chloroethyl)ether	6.85	93	4286	0.278	ng	96
9) Naphthalene	10.20	128	49310	0.307	ng	100
10) Hexachlorobutadiene	10.50	225	1904	0.284	ng	97
12) 2-Methylnaphthalene	11.81	142	7407	0.275	ng	99
16) Acenaphthylene	13.74	152	8457	0.272	ng	100
17) Acenaphthene	14.08	154	5857	0.280	ng	# 94
18) Fluorene	15.07	166	6439	0.260	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	1945	0.271	ng	# 82
21) Hexachlorobenzene	16.09	284	2376	0.282	ng	# 80
22) Pentachlorophenol	16.43	266	507	0.382	ng	# 78
23) Phenanthrene	16.81	178	11658	0.291	ng	98
24) Anthracene	16.90	178	9315	0.284	ng	95
26) Fluoranthene	18.84	202	12055	0.285	ng	99
28) Pyrene	19.21	202	11808	0.235	ng	99
30) Benzo(a)anthracene	20.97	228	10870	0.294	ng	96
31) Chrysene	21.02	228	14046	0.301	ng	98
32) Bis(2-ethylhexyl)phthalate	20.93	149	8197	0.295	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	11769	0.336	ng	94
35) Benzo(b)fluoranthene	22.54	252	11723	0.298	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	13731	0.294	ng	95
37) Benzo(a)pyrene	23.11	252	9648	0.283	ng	93
38) Dibenzo(a,h)anthracene	25.53	278	9756	0.317	ng	98
39) Benzo(g,h,i)perylene	26.21	276	11078	0.306	ng	# 92

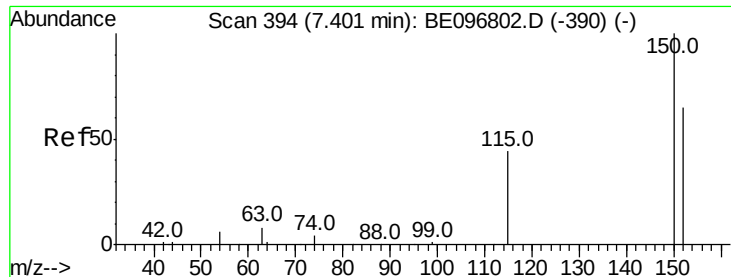
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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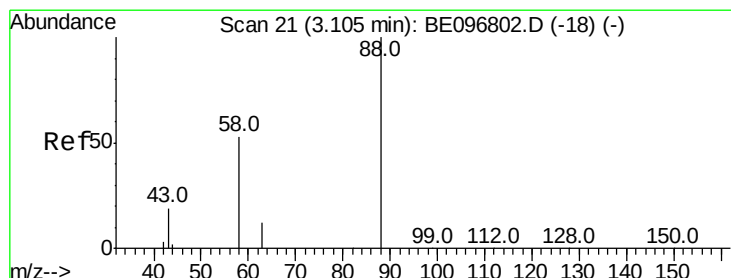
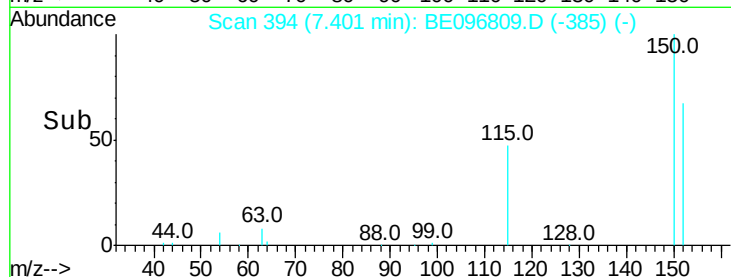
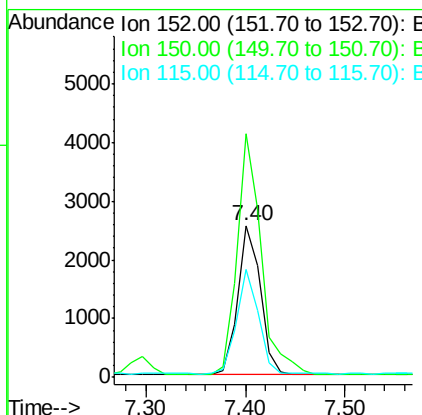
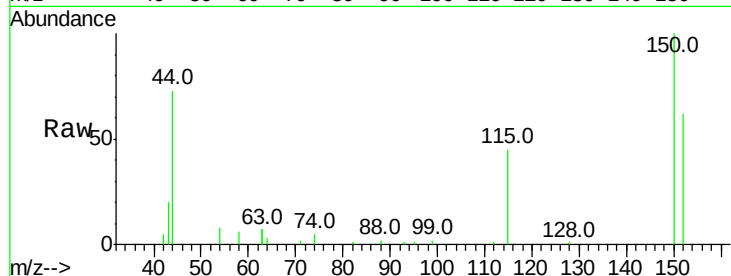


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.40 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BE096809.D
 Acq: 18 Jun 2018 15:28

Instrument :
 BNA_E
 ClientSampleId :
 PB110224BS

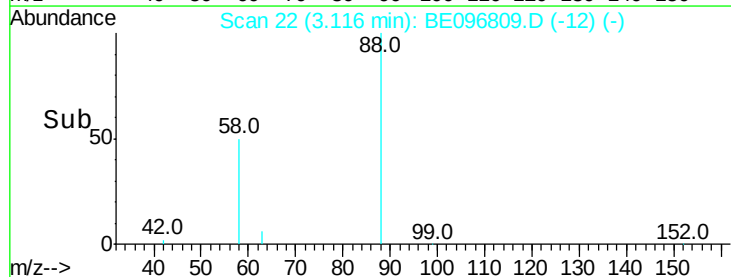
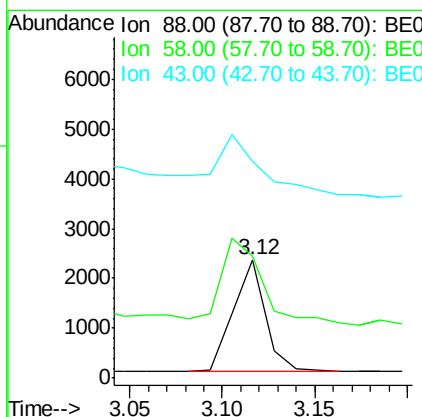
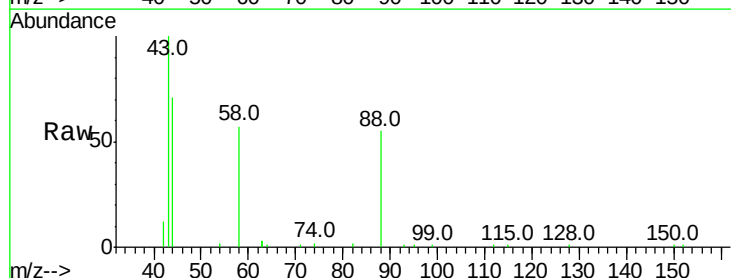
Tot Ion:152 Resp: 3994
 Ion Ratio Lower Upper
 152 100
 150 160.5 117.2 175.8
 115 71.5 57.0 85.6

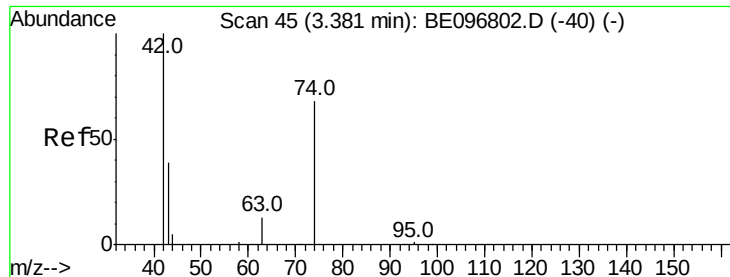


#2

1,4-Dioxane
 Concen: 0.423 ng
 RT: 3.12 min Scan# 22
 Delta R.T. 0.01 min
 Lab File: BE096809.D
 Acq: 18 Jun 2018 15:28

Tgt Ion: 88 Resp: 2732
 Ion Ratio Lower Upper
 88 100
 58 90.5 63.2 94.8
 43 70.0 41.2 61.8#



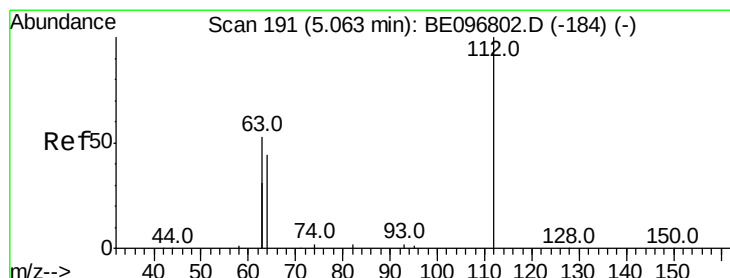
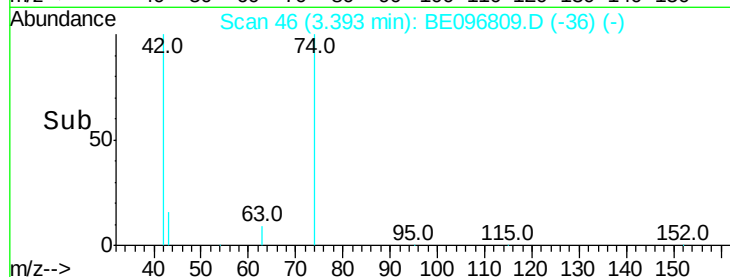
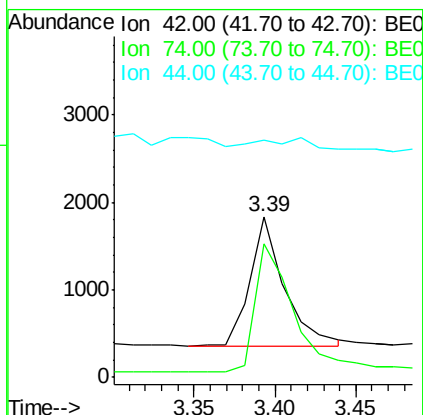
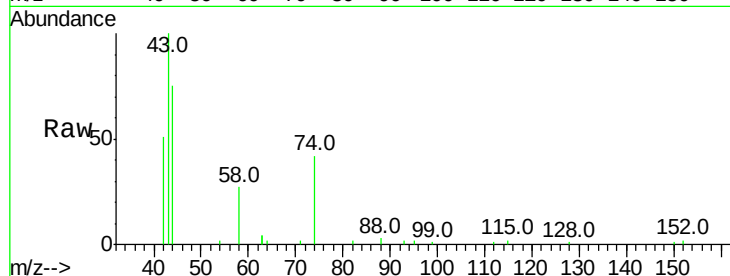


#3

n-Nitrosodimethylamine
 Concen: 0.322 ng
 RT: 3.39 min Scan# 46
 Delta R.T. 0.01 min
 Lab File: BE096809.D
 Acq: 18 Jun 2018 15:28

Instrument :
 BNA_E
 ClientSampleId :
 PB110224BS

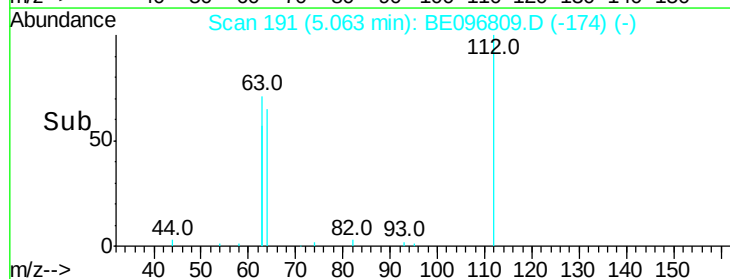
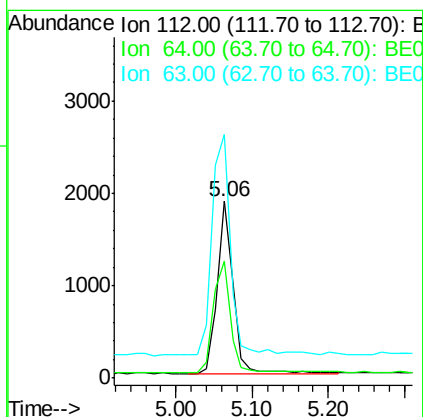
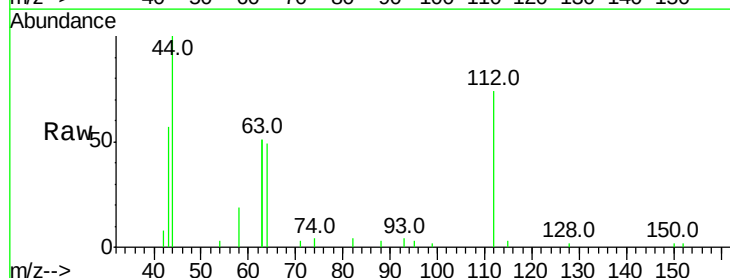
Tot Ion: 42 Resp: 2196
 Ion Ratio Lower Upper
 42 100
 74 107.1 96.0 144.0
 44 0.0 12.0 18.0#

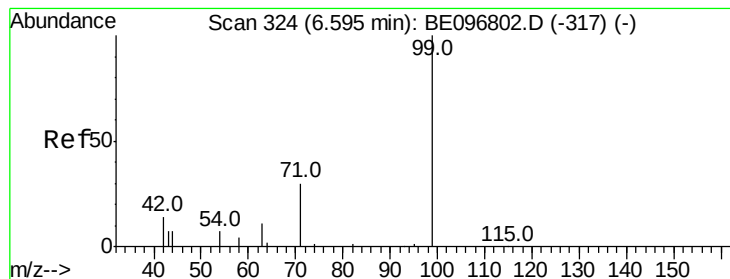


#4

2-Fluorophenol
 Concen: 0.309 ng
 RT: 5.06 min Scan# 191
 Delta R.T. 0.00 min
 Lab File: BE096809.D
 Acq: 18 Jun 2018 15:28

Tgt Ion: 112 Resp: 2697
 Ion Ratio Lower Upper
 112 100
 64 68.9 60.1 90.1
 63 150.1 116.8 175.2





#5

Phenol-d6

Concen: 0.271 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

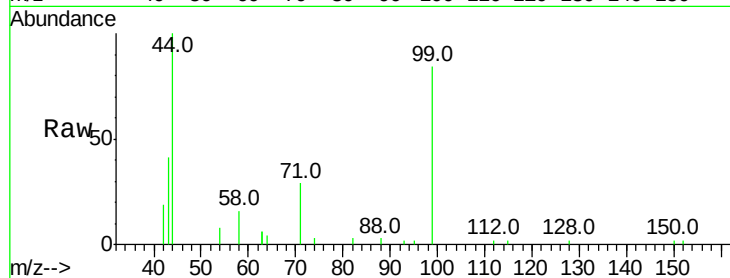
Tot Ion: 99 Resp: 3542

Ion Ratio Lower Upper

99 100

42 25.6 20.2 30.2

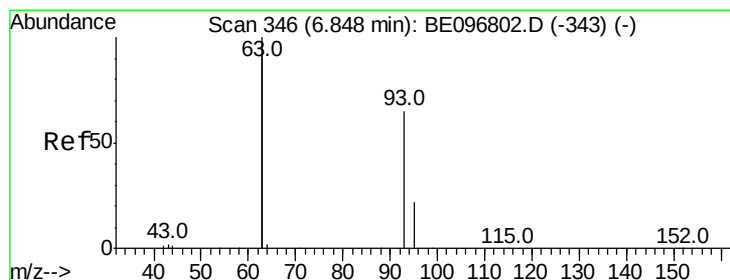
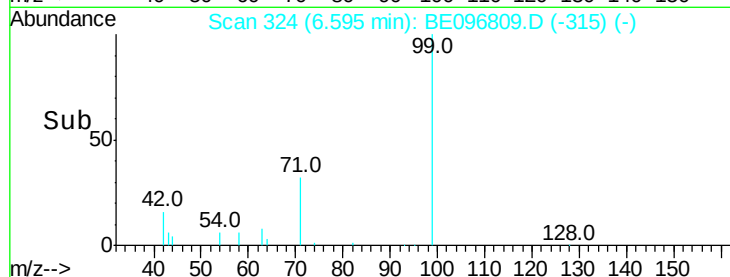
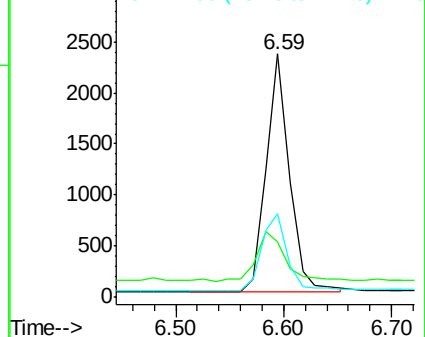
71 35.1 28.4 42.6



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: 0.278 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

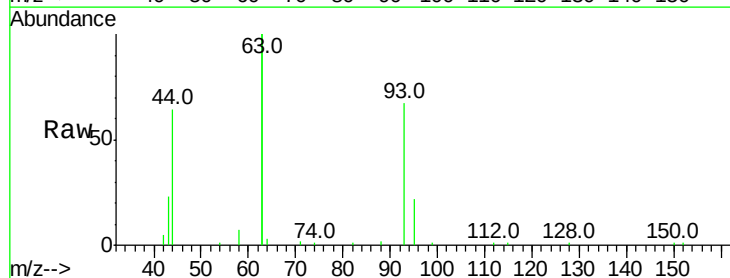
Tgt Ion: 93 Resp: 4286

Ion Ratio Lower Upper

93 100

63 334.1 275.3 412.9

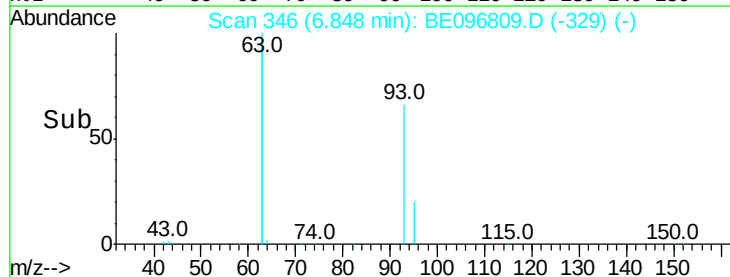
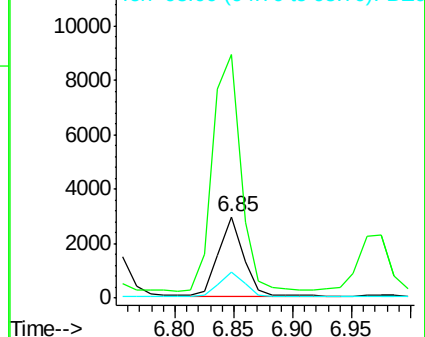
95 32.3 25.2 37.8

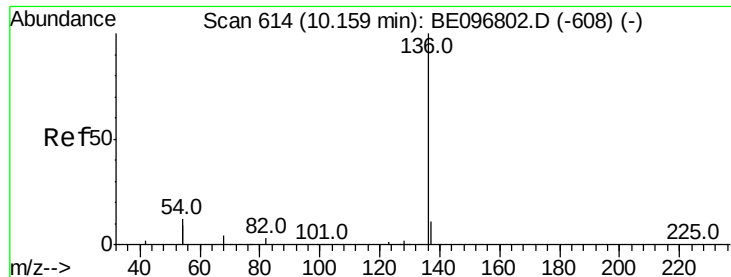


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

Tot Ion:136 Resp: 16340

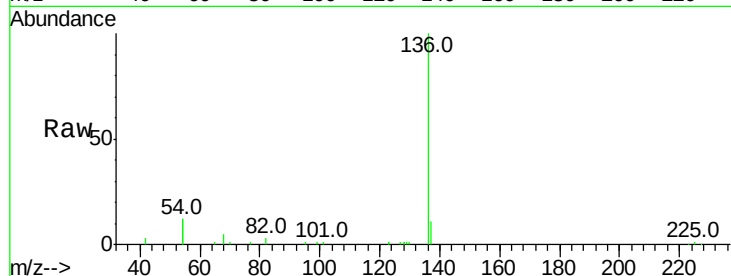
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 23.0 29.1 43.7#

68 5.0 6.2 9.2#

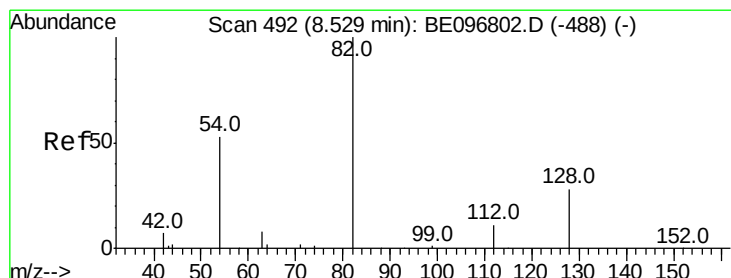
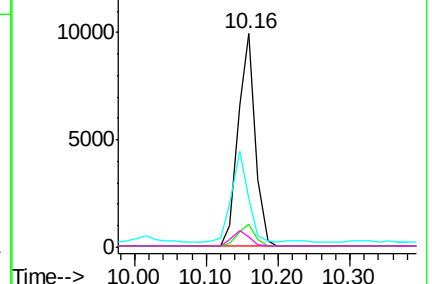
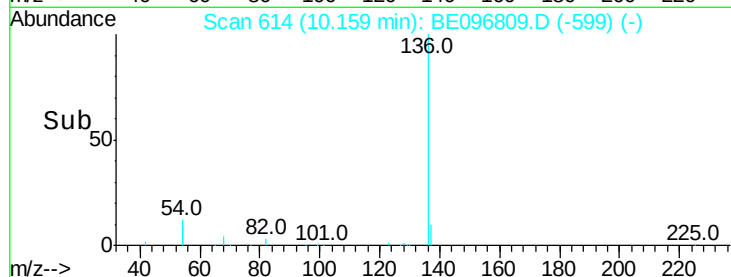


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.280 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

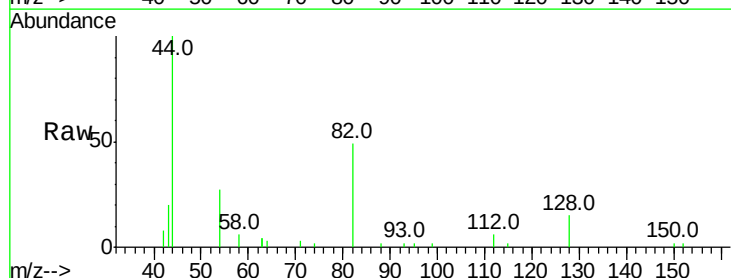
Tgt Ion: 82 Resp: 2543

Ion Ratio Lower Upper

82 100

128 30.7 24.0 36.0

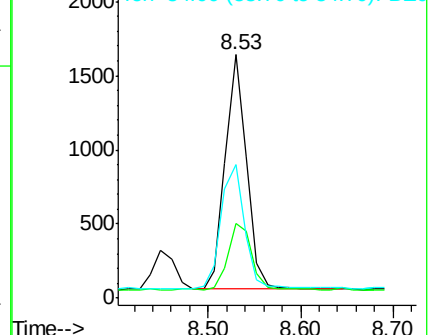
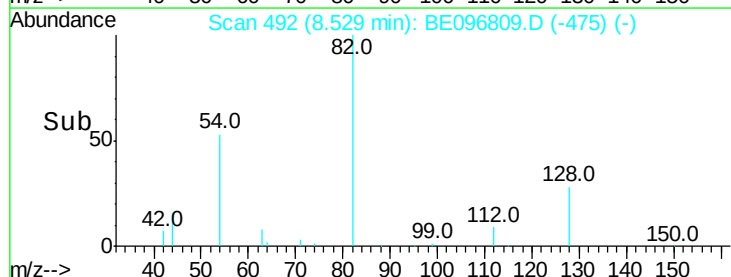
54 54.8 40.0 60.0

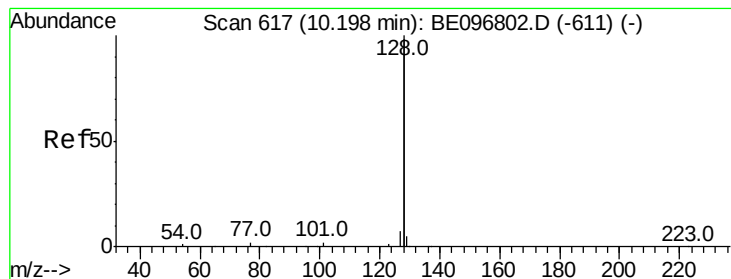


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

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ClientSampleId :

PB110224BS

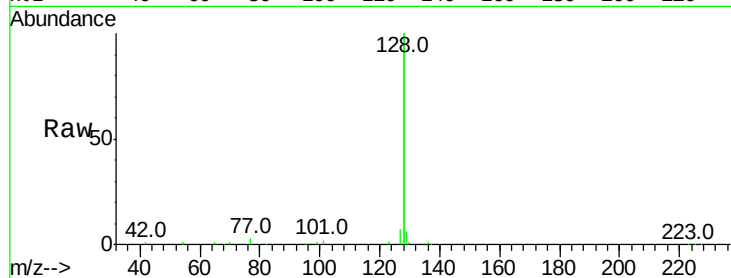
Tot Ion:128 Resp: 49310

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

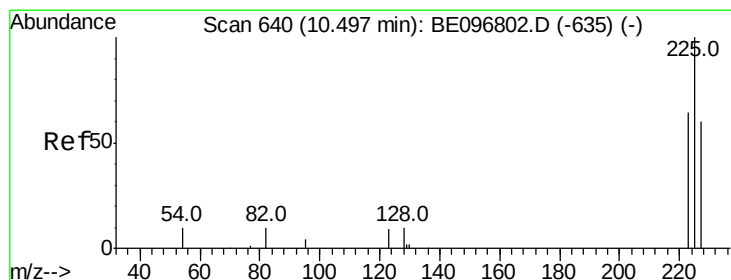
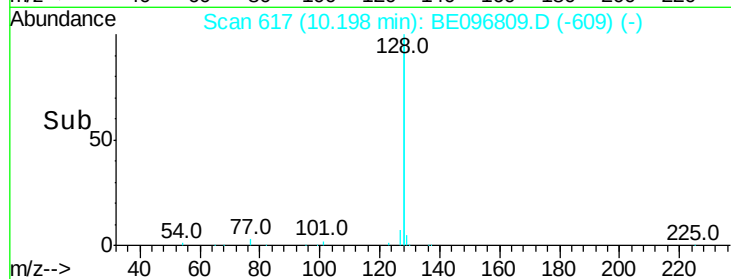
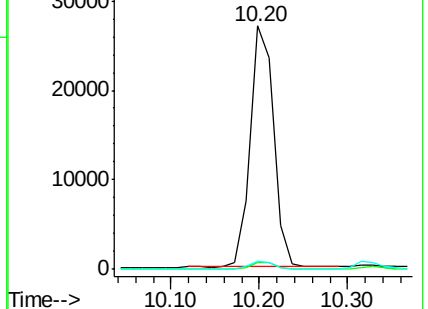
127 3.5 2.8 4.2



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: 0.284 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

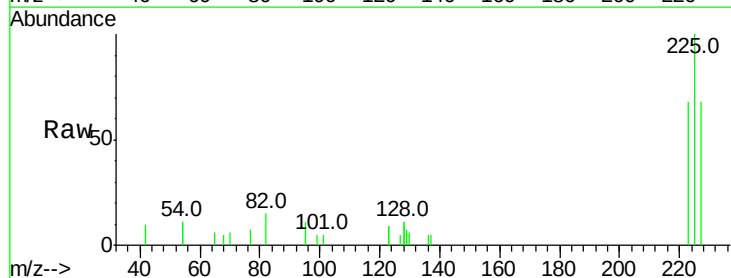
Tgt Ion:225 Resp: 1904

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

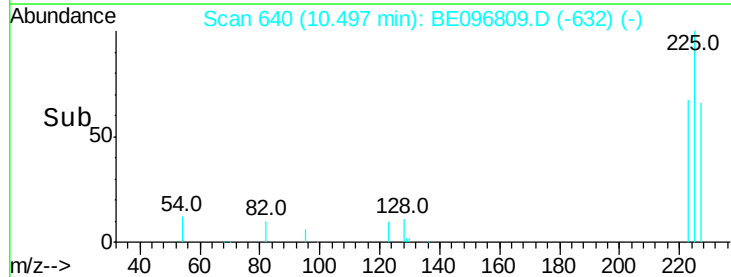
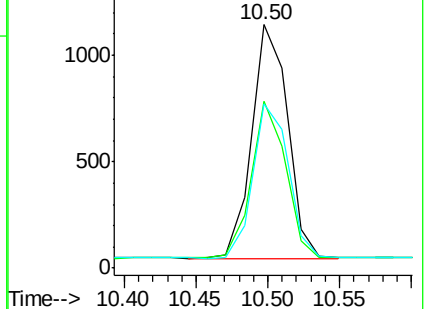
227 65.7 51.4 77.2

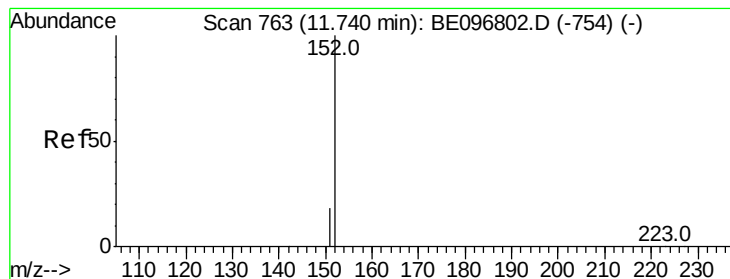


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096809.D

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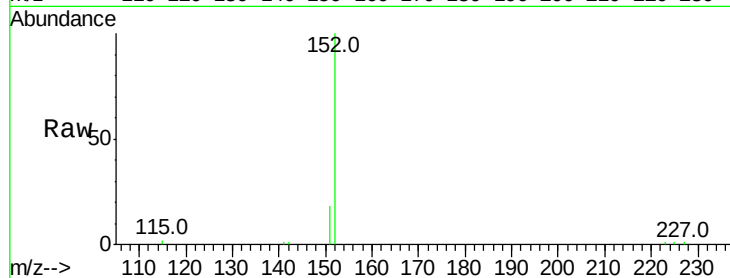
PB110224BS

Tot Ion:152 Resp: 8116

Ion Ratio Lower Upper

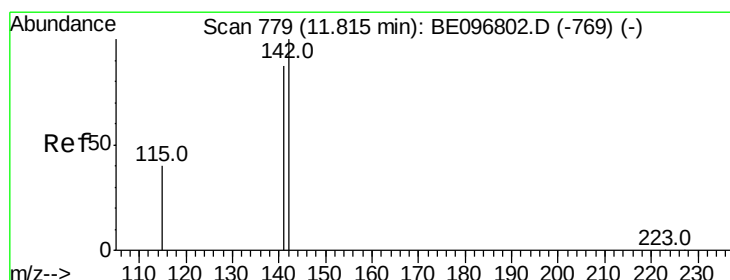
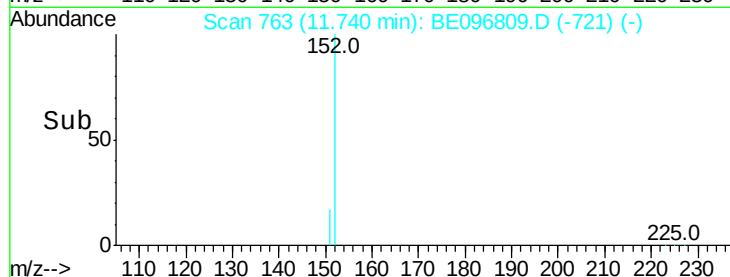
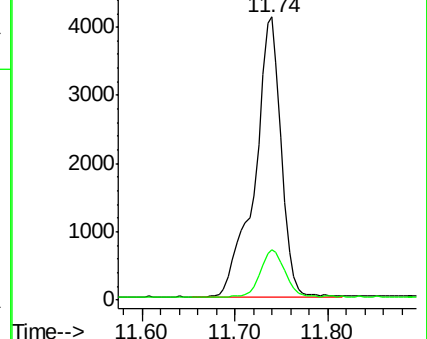
152 100

151 15.4 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: 0.275 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

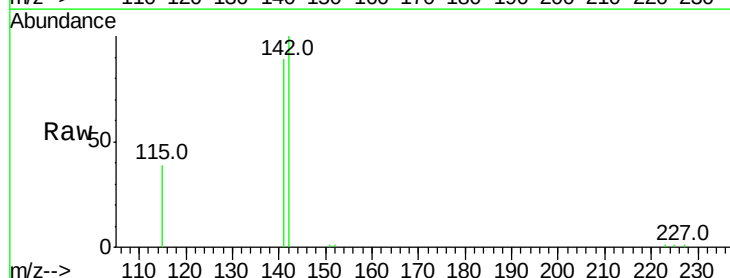
Tgt Ion:142 Resp: 7407

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6

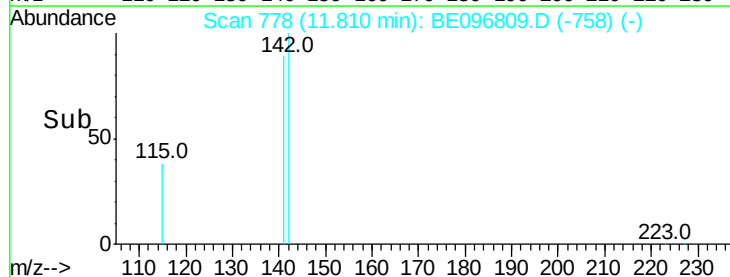
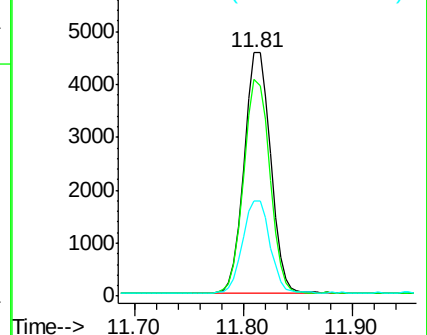
115 39.2 31.7 47.5

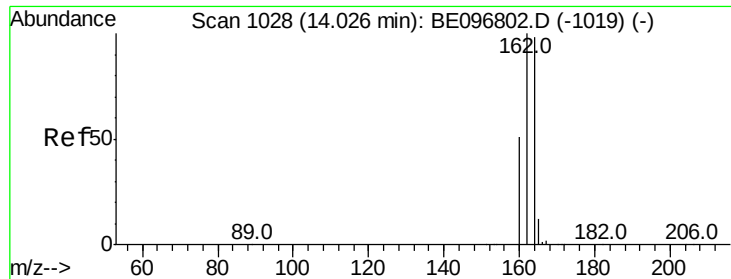


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

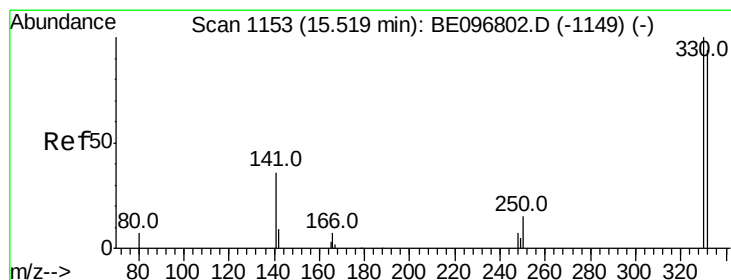
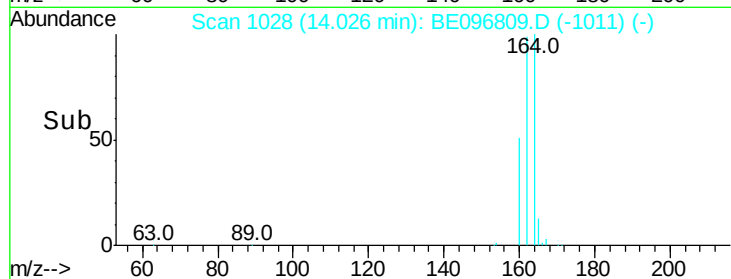
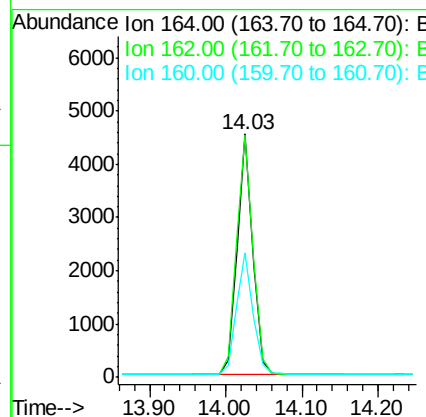
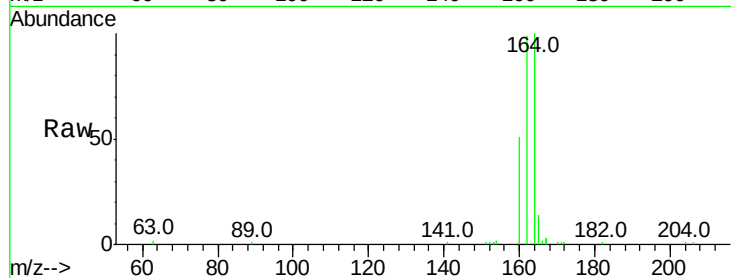




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BE096809.D
 Acq: 18 Jun 2018 15:28

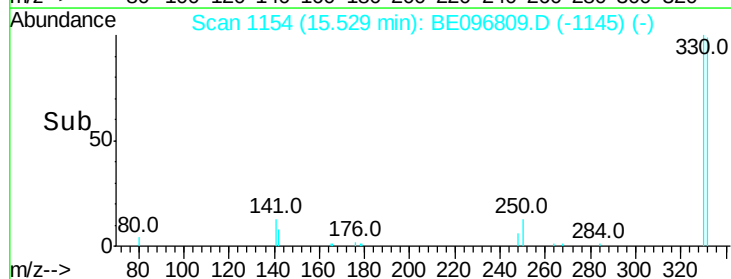
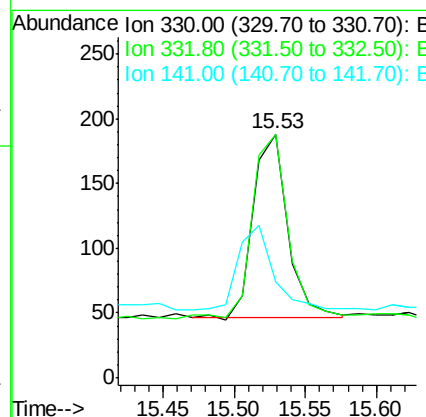
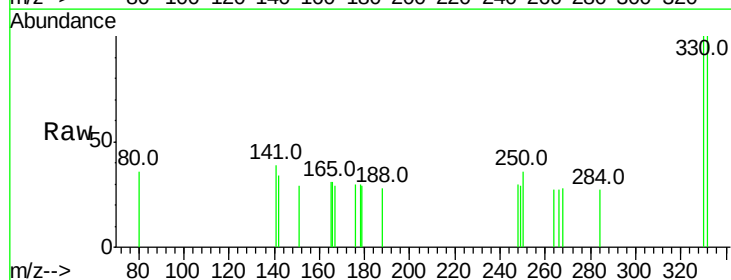
Instrument :
 BNA_E
 ClientSampleId :
 PB110224BS

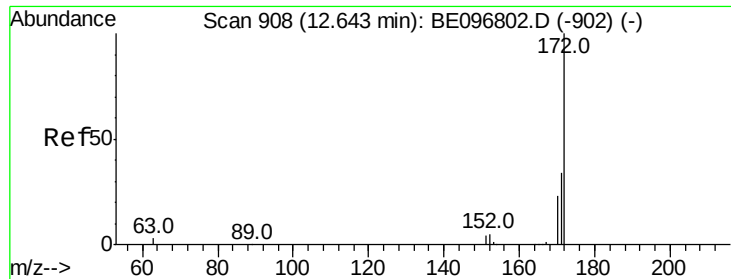
Tot Ion:164 Resp: 6594
 Ion Ratio Lower Upper
 164 100
 162 99.3 83.1 124.7
 160 51.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.218 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE096809.D
 Acq: 18 Jun 2018 15:28

Tgt Ion:330 Resp: 238
 Ion Ratio Lower Upper
 330 100
 332 105.9 152.7 229.1#
 141 47.1 33.7 50.5

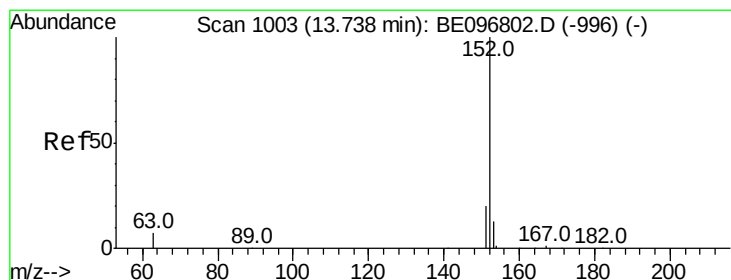
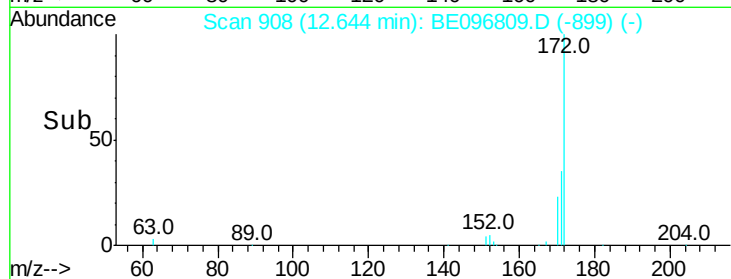
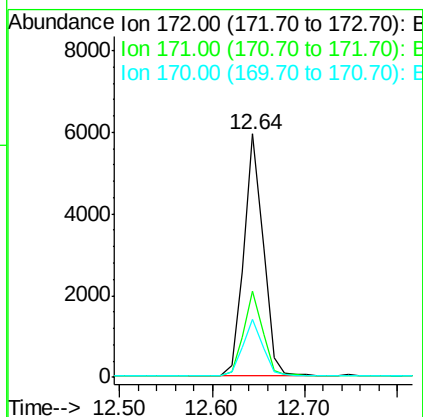
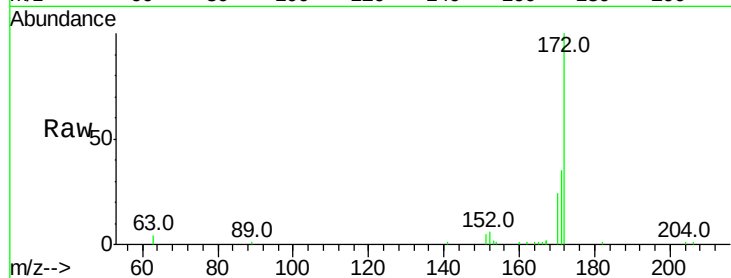




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096809.D
Acq: 18 Jun 2018 15:28

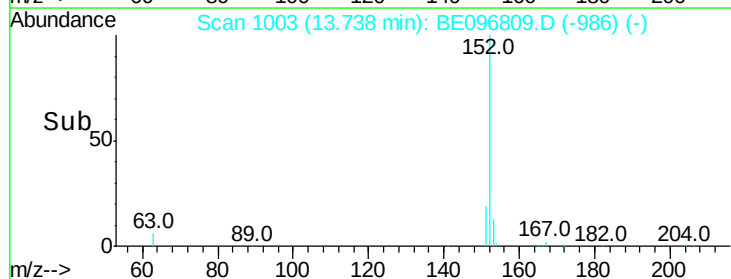
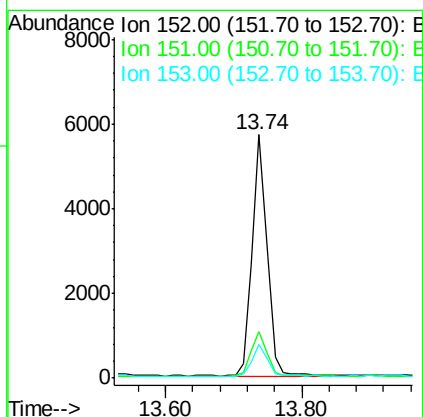
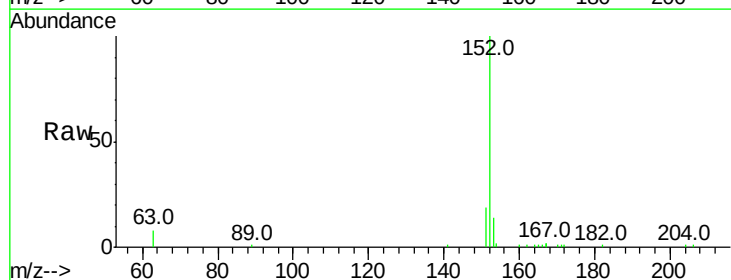
Instrument :
BNA_E
ClientSampleId :
PB110224BS

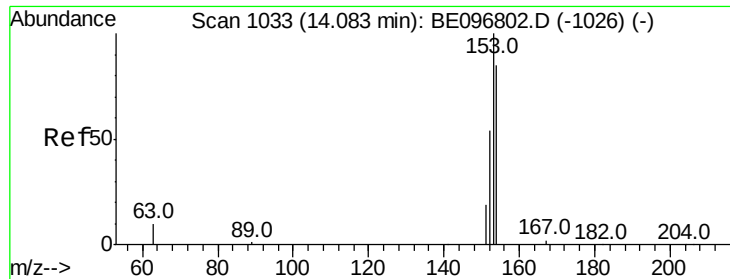
Tot Ion:172 Resp: 8510
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 23.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.272 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096809.D
Acq: 18 Jun 2018 15:28

Tgt Ion:152 Resp: 8457
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.5 15.7

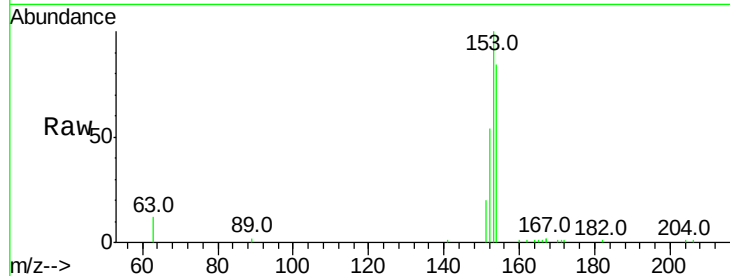




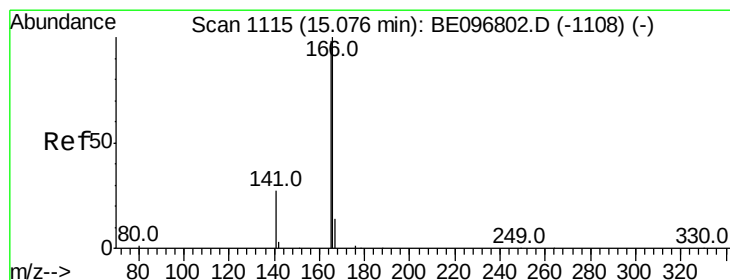
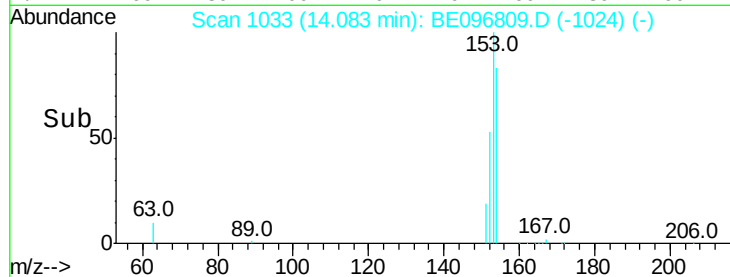
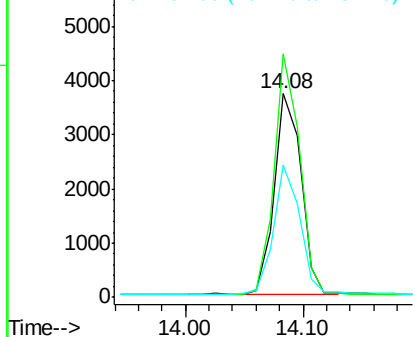
#17
Acenaphthene
Concen: 0.280 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096809.D
Acq: 18 Jun 2018 15:28

Instrument :
BNA_E
ClientSampleId :
PB110224BS

Tot Ion:154 Resp: 5857
Ion Ratio Lower Upper
154 100
153 113.0 89.2 133.8
152 63.2 42.0 63.0#

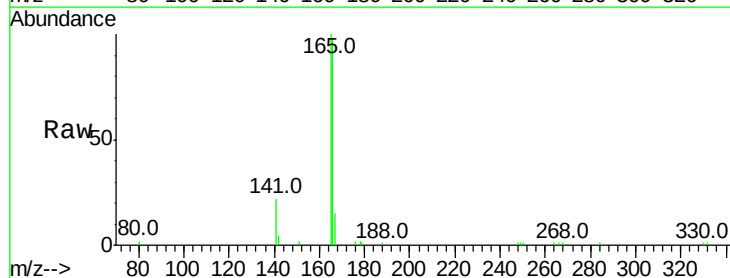


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

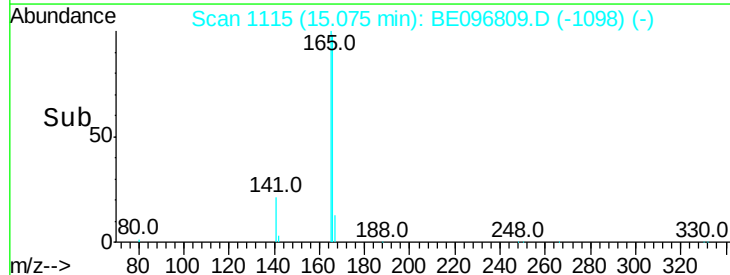
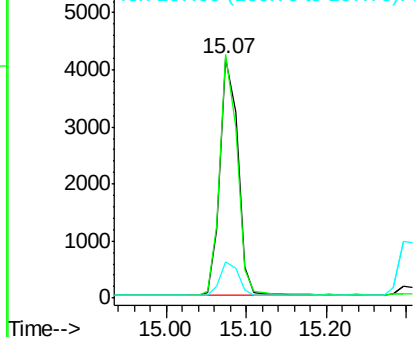


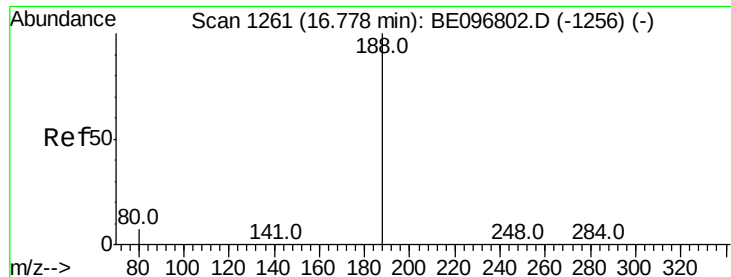
#18
Fluorene
Concen: 0.260 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096809.D
Acq: 18 Jun 2018 15:28

Tgt Ion:166 Resp: 6439
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.6
167 14.5 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: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

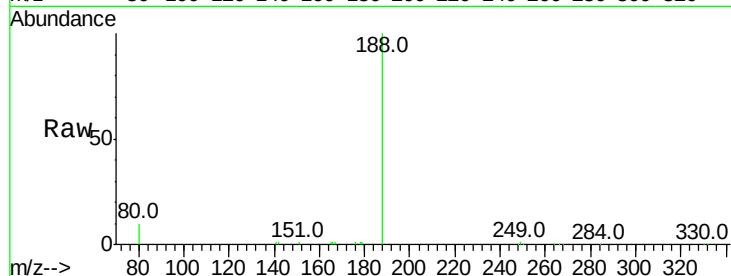
Tot Ion:188 Resp: 14722

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

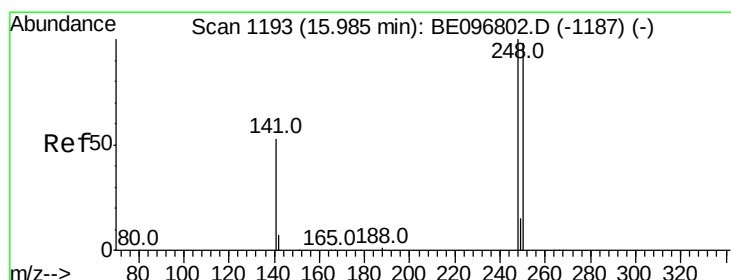
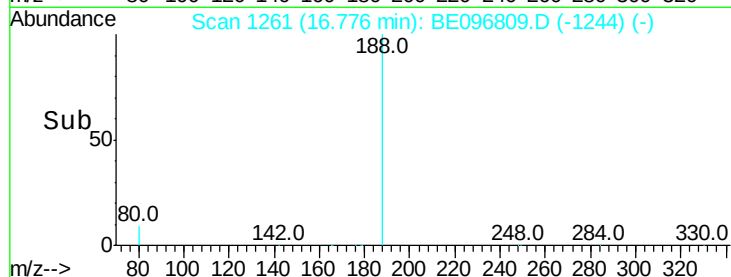
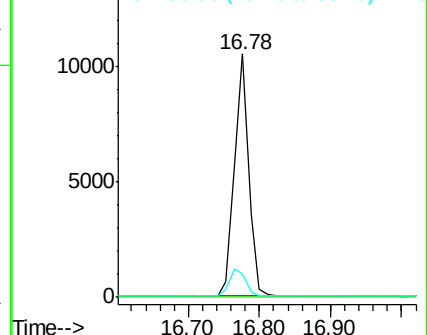
80 9.5 3.6 5.4#



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: 0.271 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

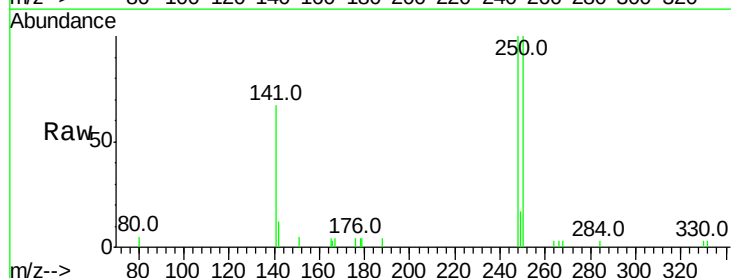
Tgt Ion:248 Resp: 1945

Ion Ratio Lower Upper

248 100

250 99.9 62.7 94.1#

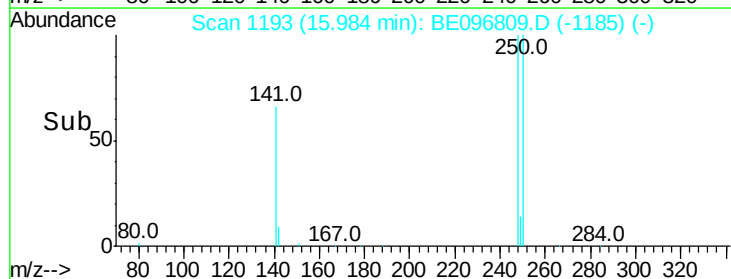
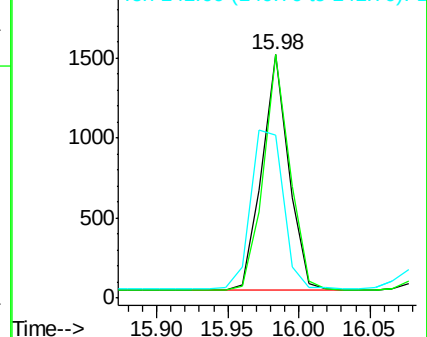
141 67.2 48.2 72.2

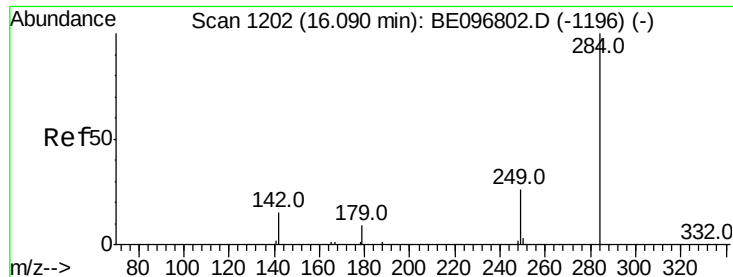


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.282 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

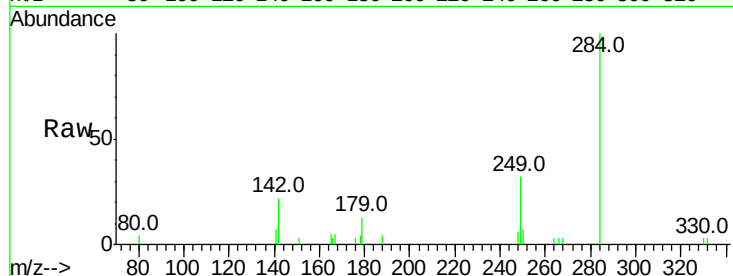
Tot Ion:284 Resp: 2376

Ion Ratio Lower Upper

284 100

142 40.2 22.1 33.1#

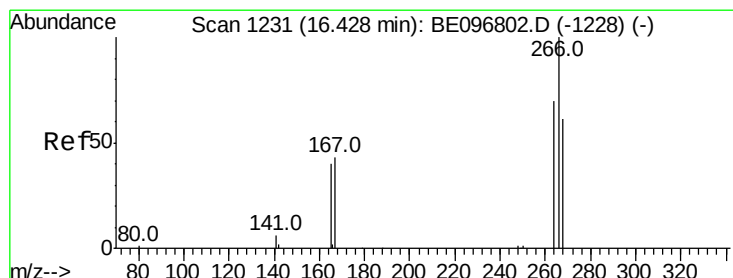
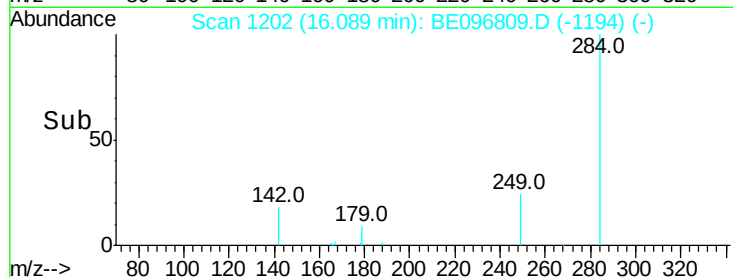
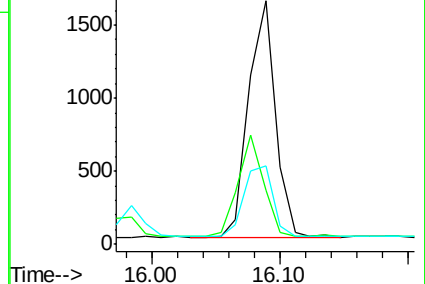
249 32.6 34.8 52.2#



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: 0.382 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

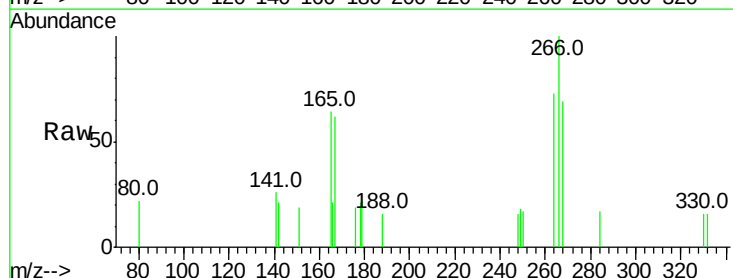
Tgt Ion:266 Resp: 507

Ion Ratio Lower Upper

266 100

264 72.7 72.5 108.7

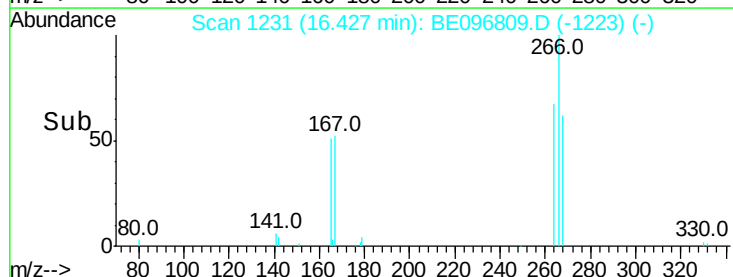
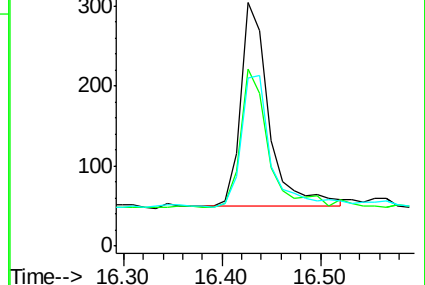
268 69.1 73.8 110.6#

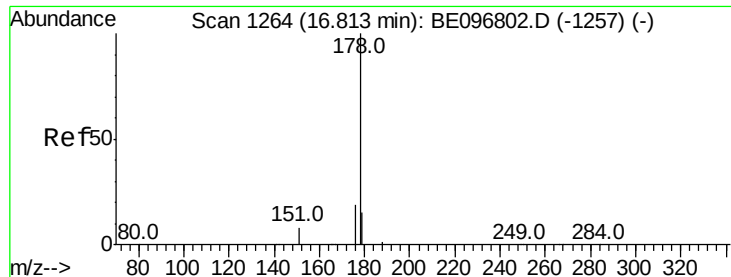


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.291 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

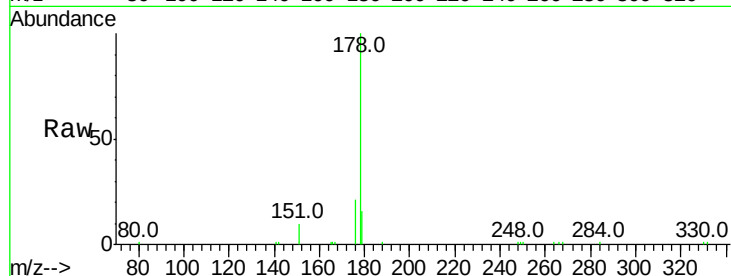
Tot Ion:178 Resp: 11658

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

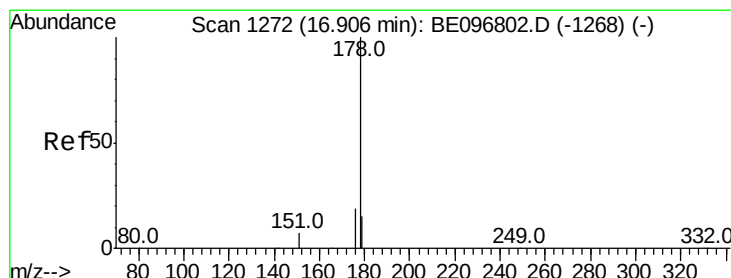
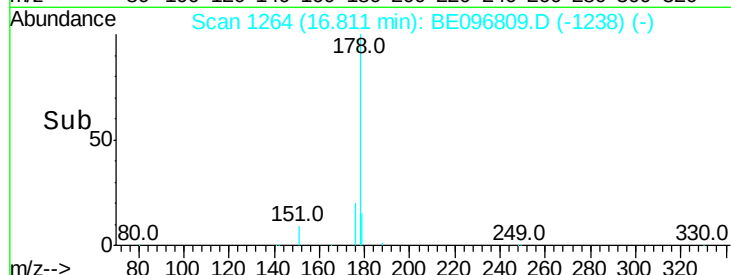
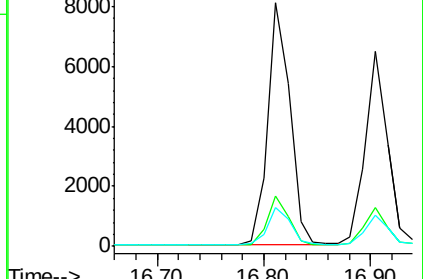
179 15.5 11.8 17.6



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: 0.284 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

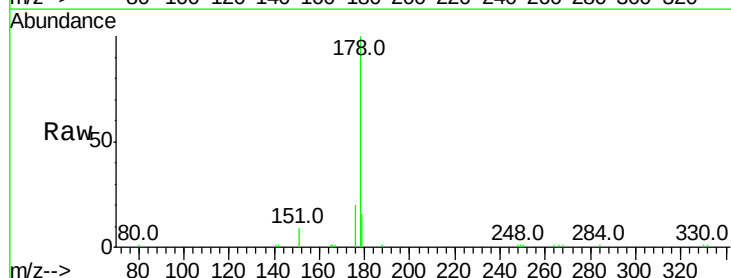
Tgt Ion:178 Resp: 9315

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

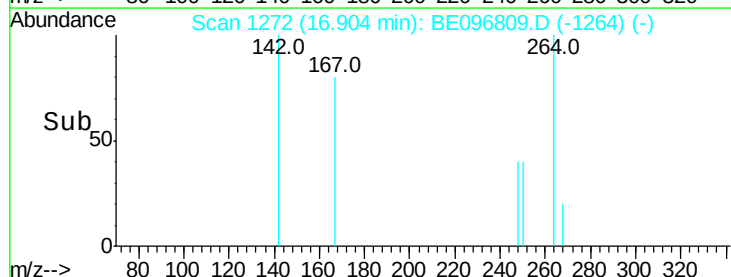
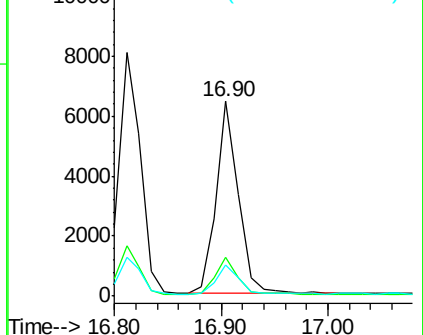
179 15.0 13.0 19.6

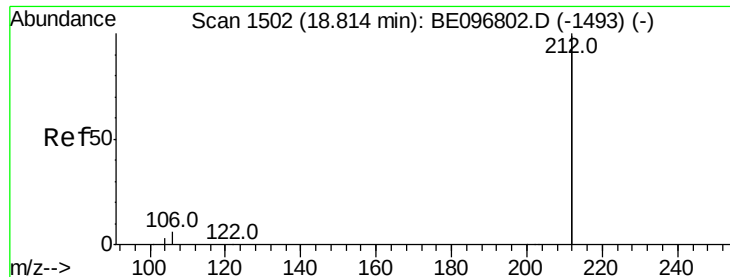


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.262 ng

RT: 18.82 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

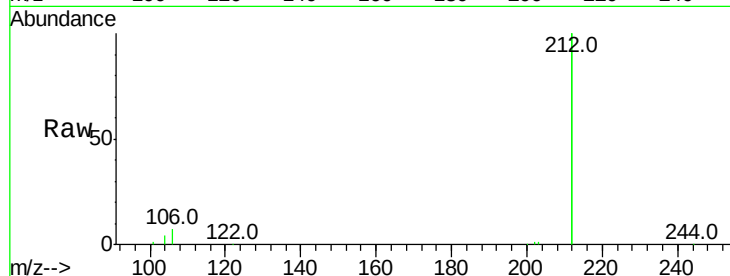
Tot Ion:212 Resp: 37693

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

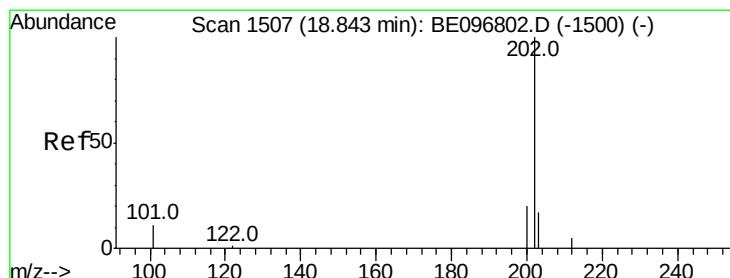
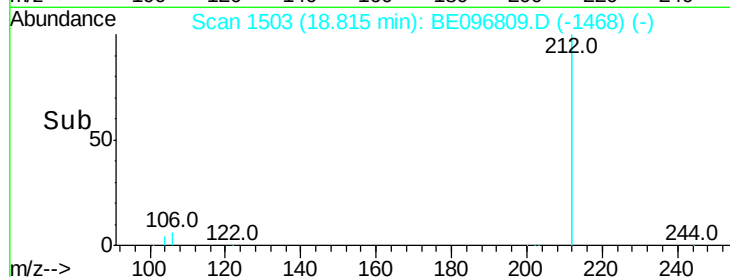
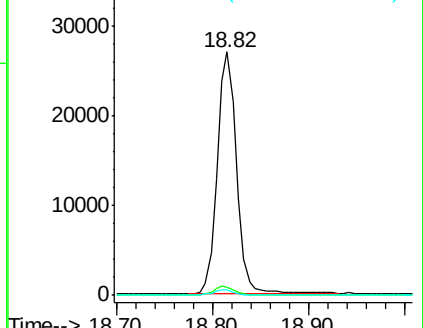
104 2.0 1.6 2.4



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: 0.285 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

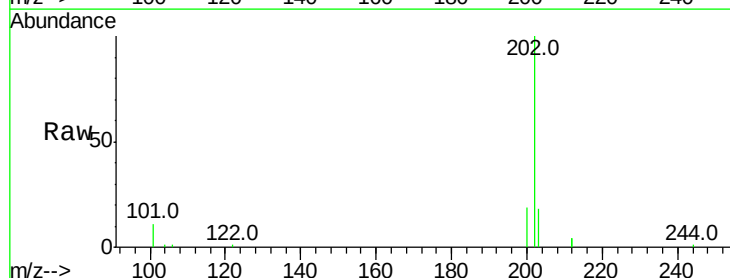
Tgt Ion:202 Resp: 12055

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

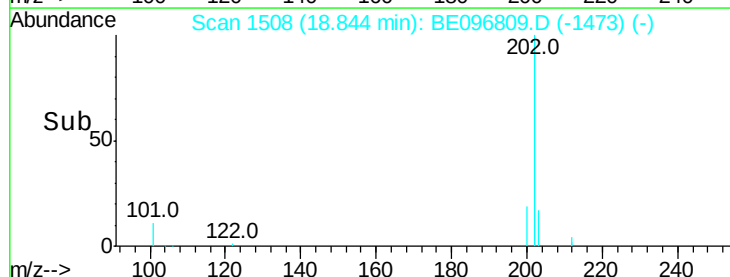
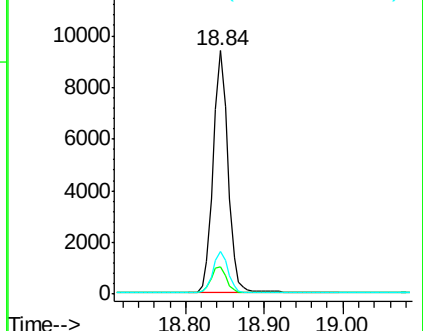
203 17.1 13.7 20.5

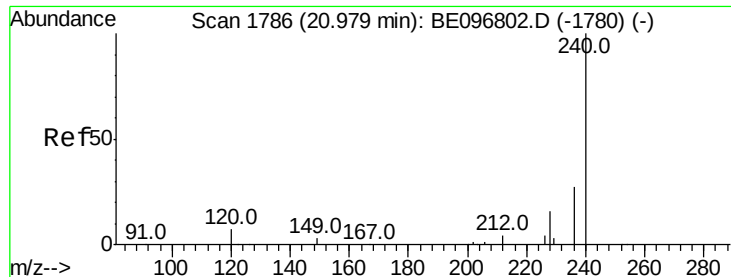


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

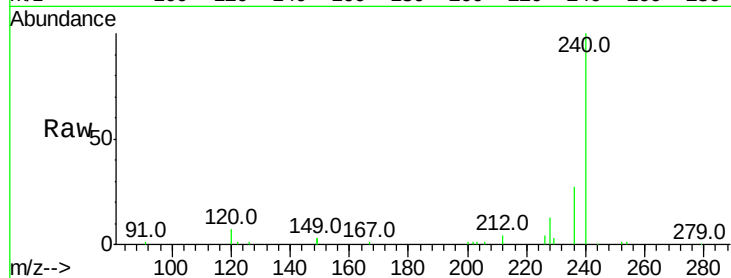
Tot Ion:240 Resp: 15264

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

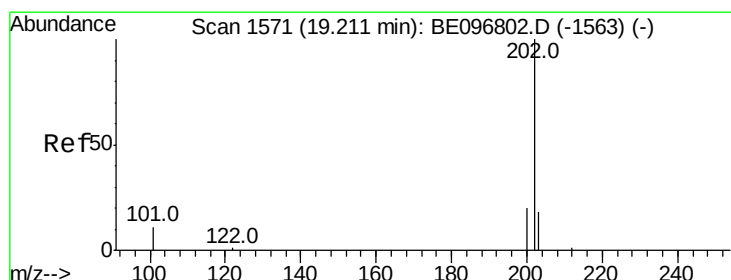
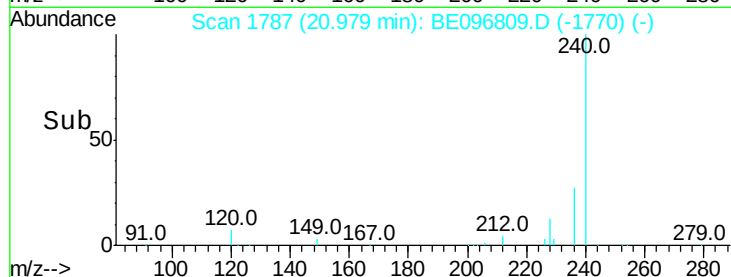
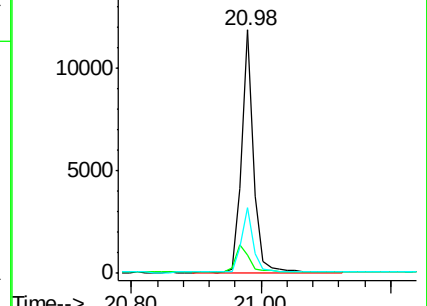
236 27.2 20.7 31.1



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: 0.235 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

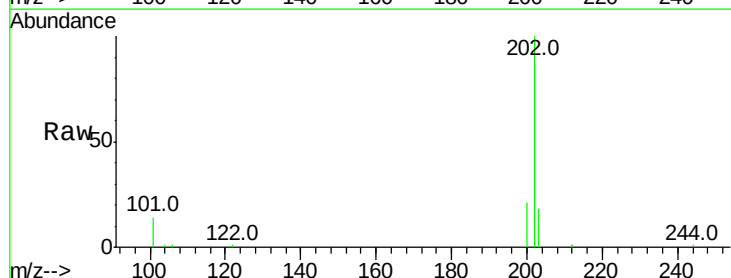
Tgt Ion:202 Resp: 11808

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

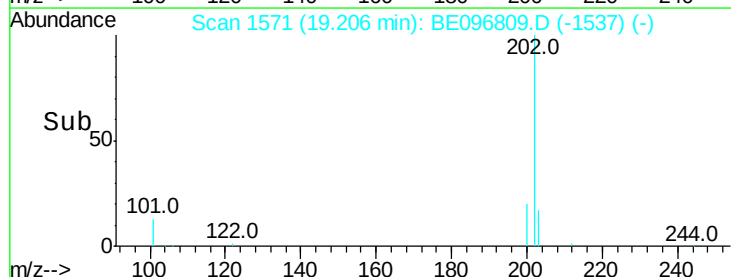
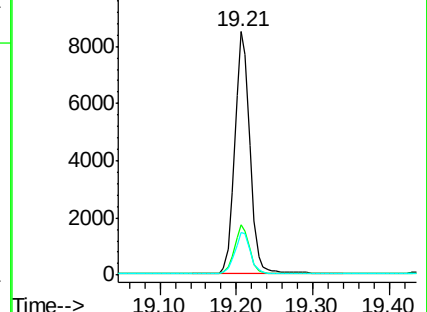
203 17.5 13.8 20.8

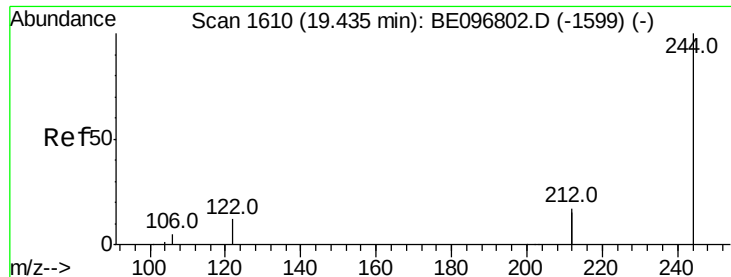


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.229 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

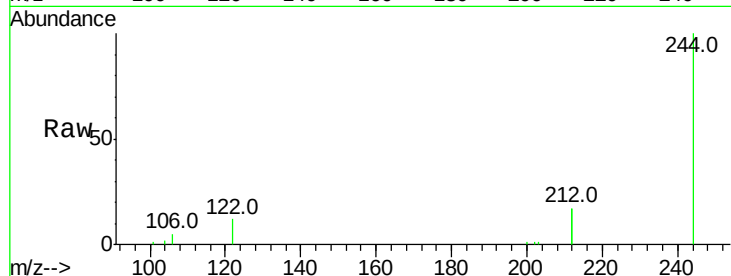
Tot Ion:244 Resp: 7922

Ion Ratio Lower Upper

244 100

212 33.6 25.4 38.0

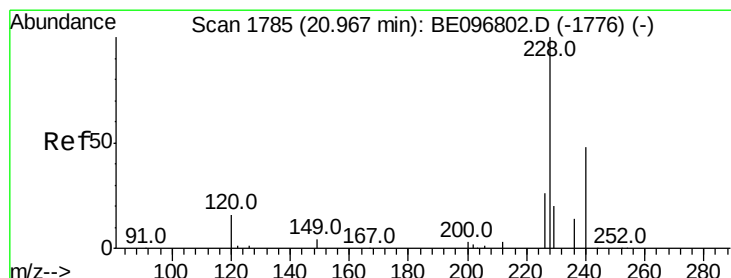
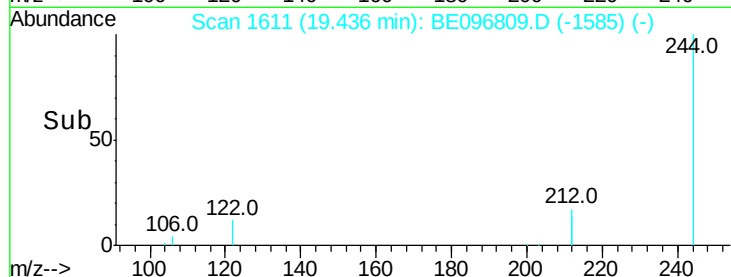
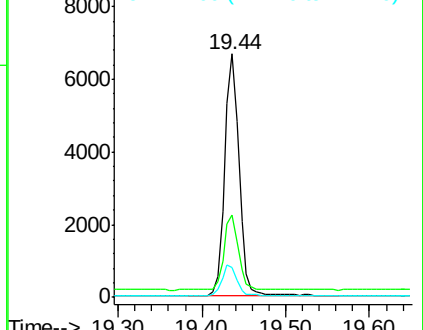
122 12.2 8.1 12.1#



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: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

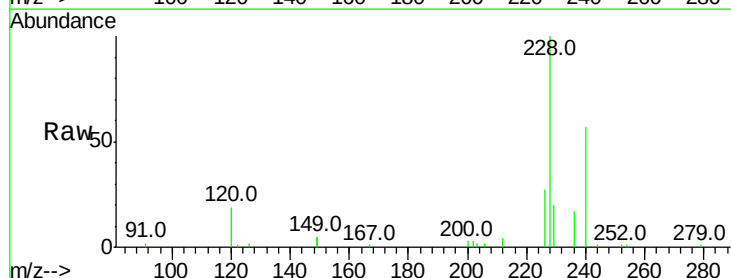
Tgt Ion:228 Resp: 10870

Ion Ratio Lower Upper

228 100

226 27.0 24.0 36.0

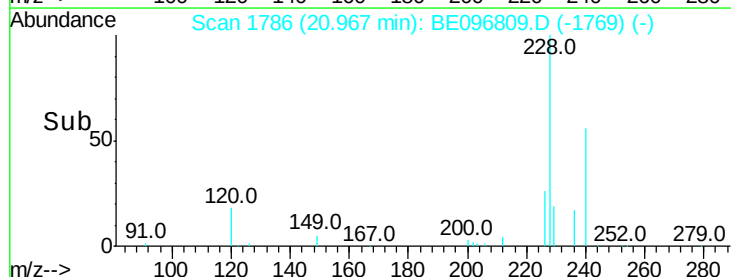
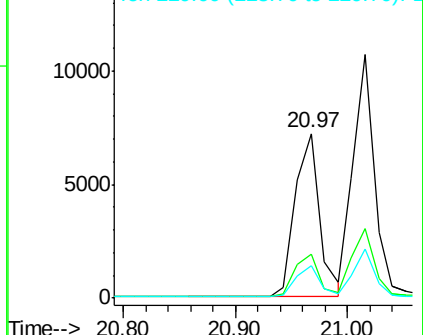
229 19.7 16.0 24.0

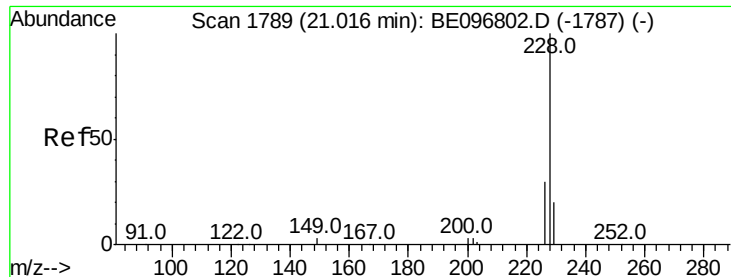


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.301 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

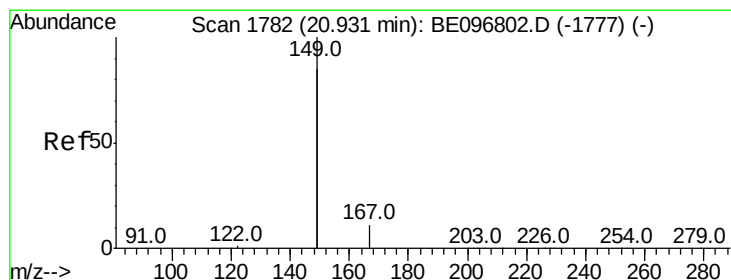
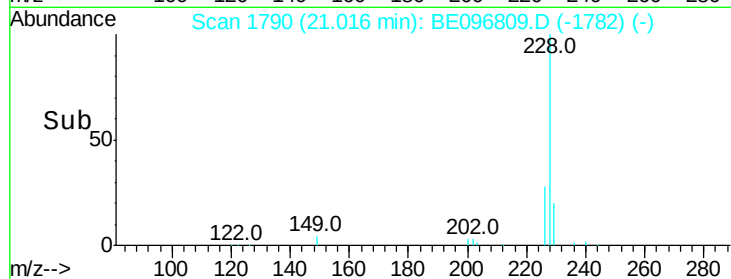
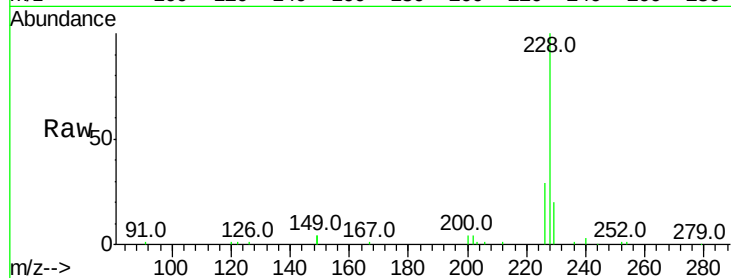
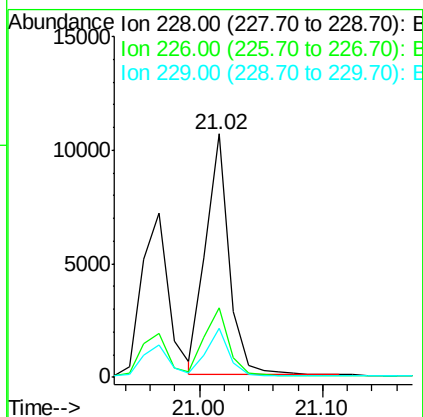
BNA_E

ClientSampleId :

PB110224BS

Tot Ion:228 Resp: 14046

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.3	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.295 ng

RT: 20.93 min Scan# 1783

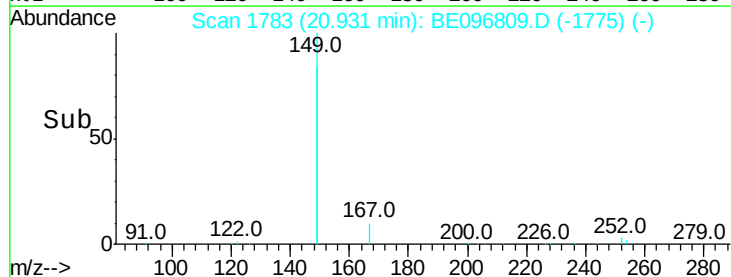
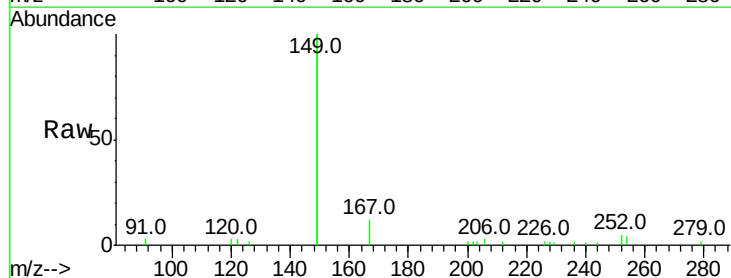
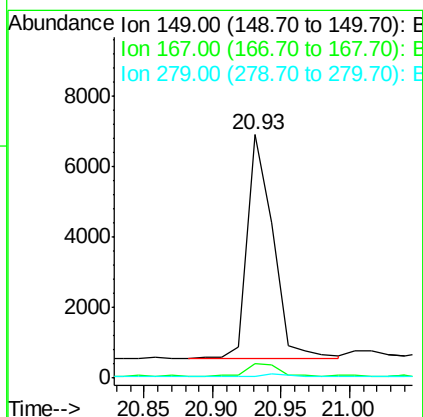
Delta R.T. 0.00 min

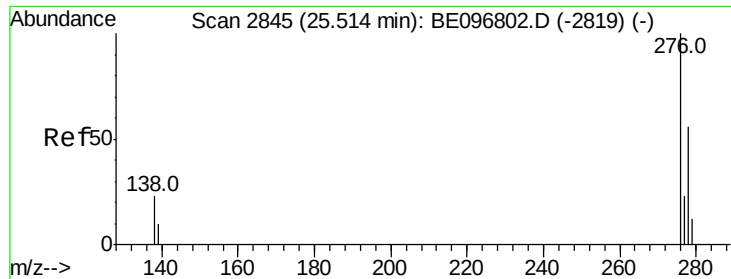
Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Tgt Ion:149 Resp: 8197

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.1	0.7	1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.336 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

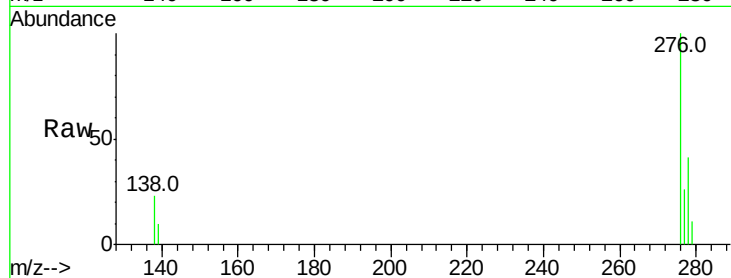
Tot Ion:276 Resp: 11769

Ion Ratio Lower Upper

276 100

138 23.0 22.5 33.7

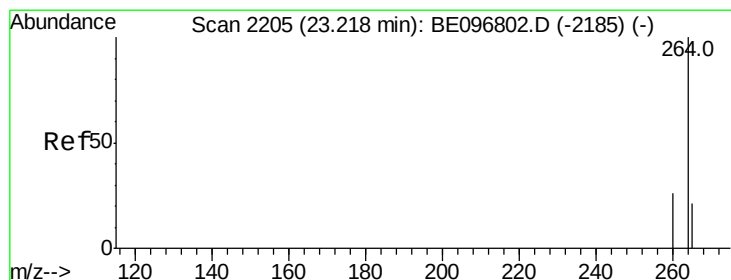
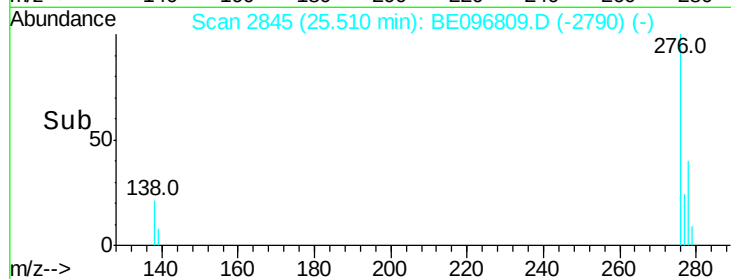
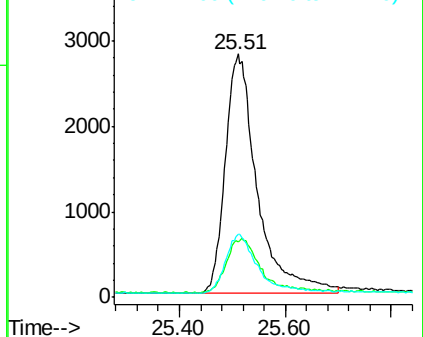
277 24.3 19.9 29.9



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: 23.22 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

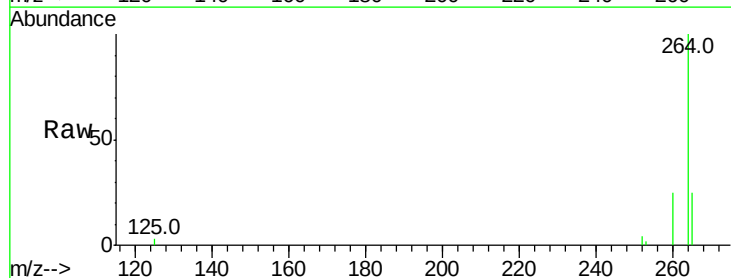
Tgt Ion:264 Resp: 14293

Ion Ratio Lower Upper

264 100

260 24.5 20.5 30.7

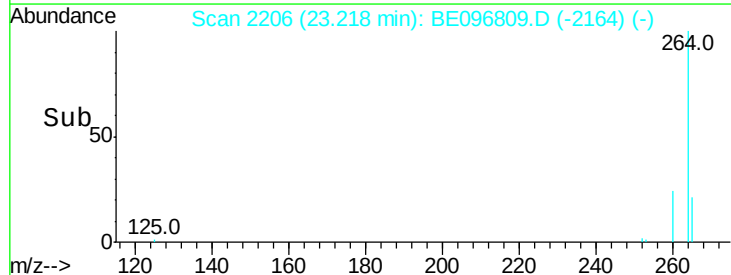
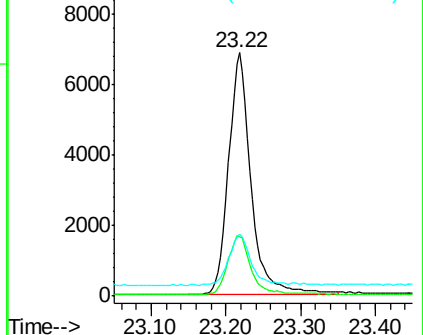
265 25.2 22.8 34.2

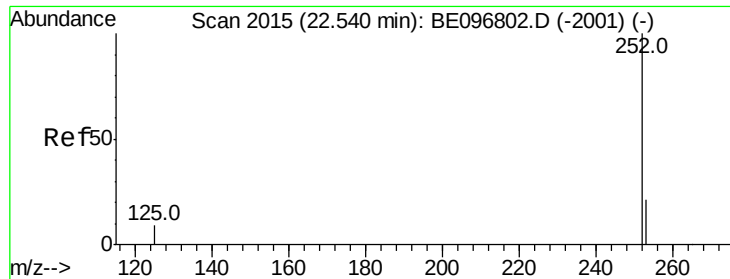


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

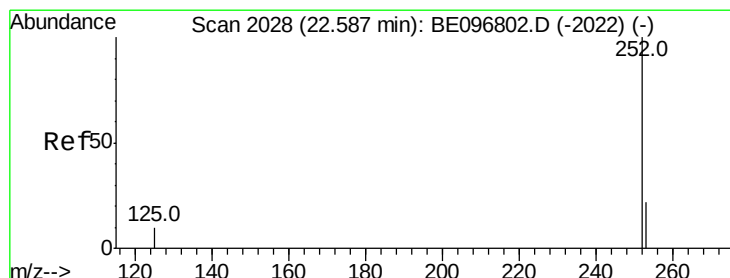
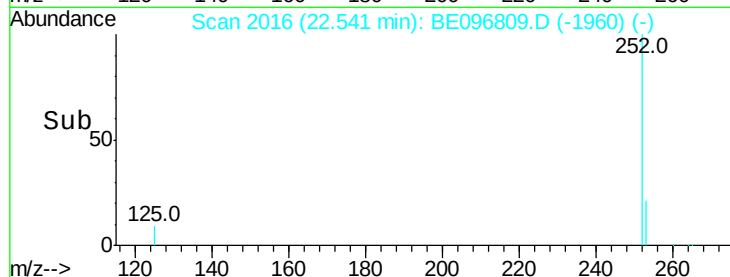
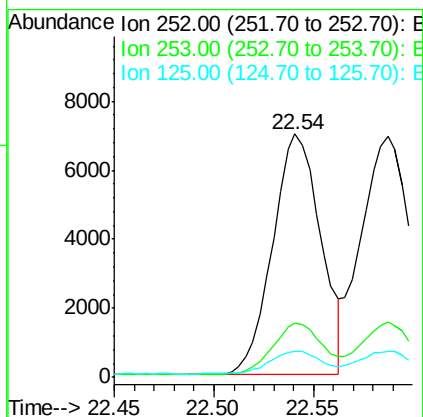
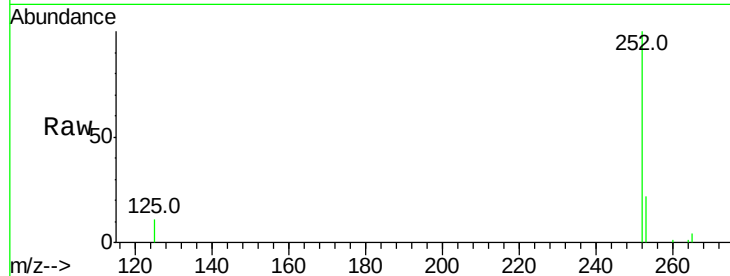




#35
Benzo(b)fluoranthene
Concen: 0.298 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE096809.D
Acq: 18 Jun 2018 15:28

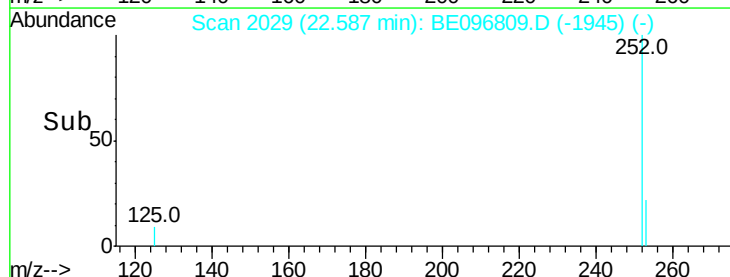
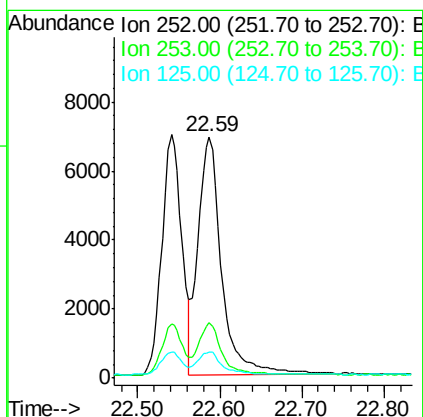
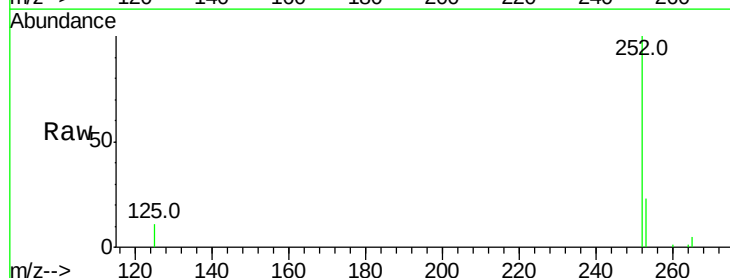
Instrument :
BNA_E
ClientSampleId :
PB110224BS

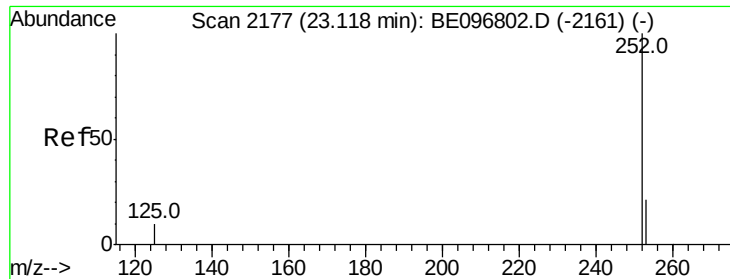
Tot Ion:252 Resp: 11723
Ion Ratio Lower Upper
252 100
253 22.2 20.0 30.0
125 10.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.294 ng
RT: 22.59 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE096809.D
Acq: 18 Jun 2018 15:28

Tgt Ion:252 Resp: 13731
Ion Ratio Lower Upper
252 100
253 22.8 16.0 24.0
125 10.5 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.283 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

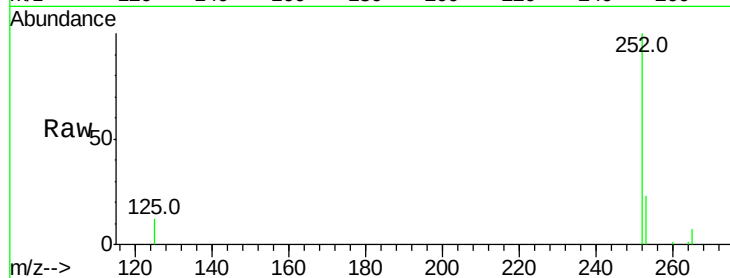
Tot Ion:252 Resp: 9648

Ion Ratio Lower Upper

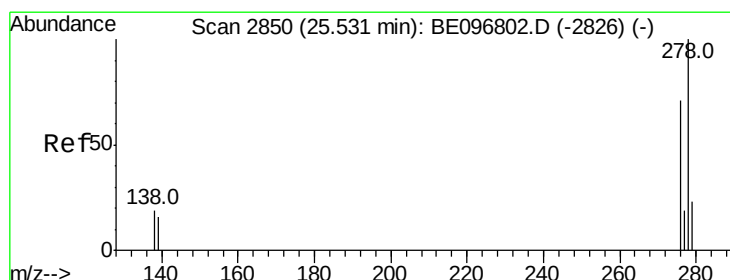
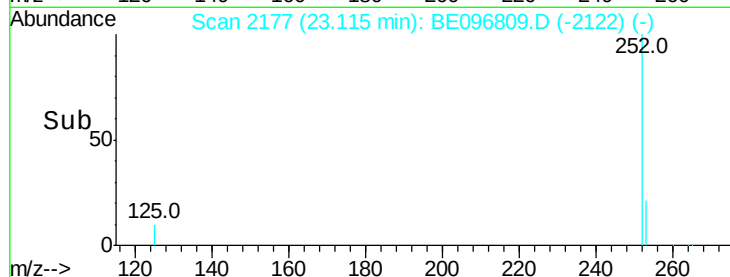
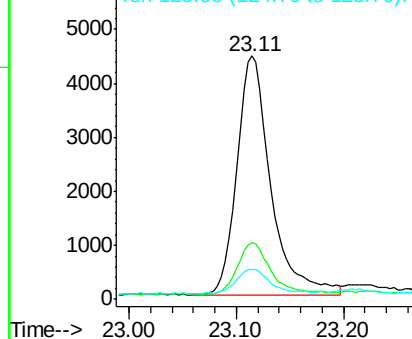
252 100

253 23.2 16.0 24.0

125 12.4 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: 0.317 ng

RT: 25.53 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

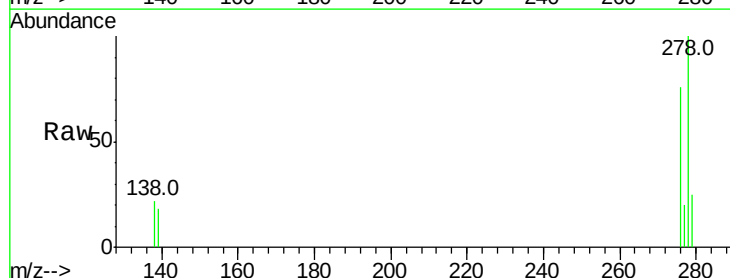
Tgt Ion:278 Resp: 9756

Ion Ratio Lower Upper

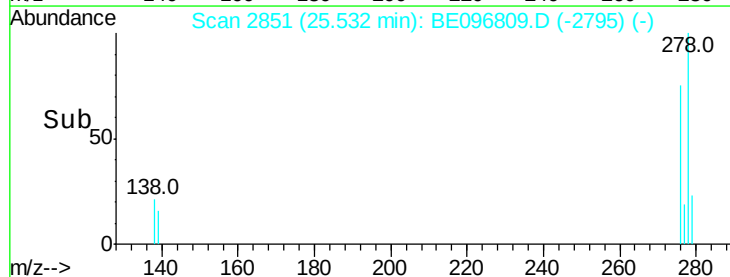
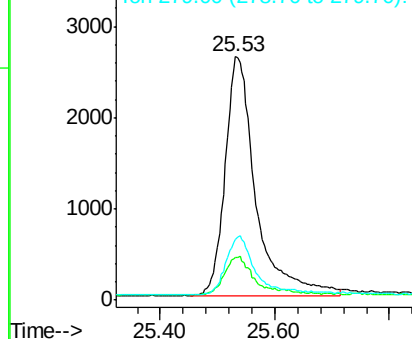
278 100

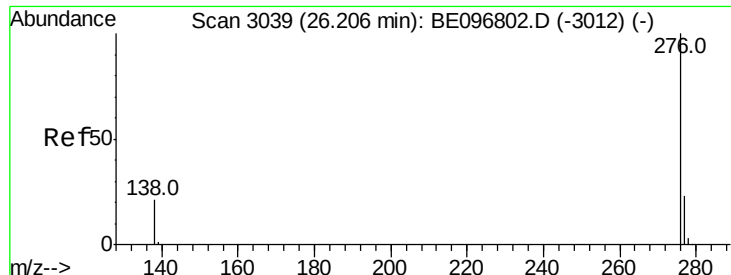
139 17.6 16.0 24.0

279 25.0 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: 0.306 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BE096809.D

Acq: 18 Jun 2018 15:28

Instrument :

BNA_E

ClientSampleId :

PB110224BS

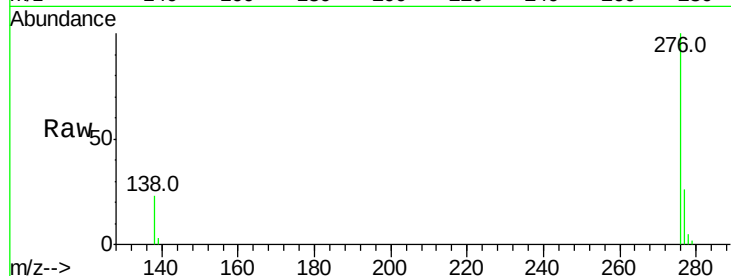
Tot Ion:276 Resp: 11078

Ion Ratio Lower Upper

276 100

277 25.7 16.0 24.0#

138 22.7 20.0 30.0



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

