

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096806.D
 Acq On : 18 Jun 2018 13:17
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061818

Quant Time: Jun 18 14:42:29 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	2544	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12316	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7006	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19419	0.40	ng	0.00
27) Chrysene-d12	20.98	240	15717	0.40	ng	0.00
34) Perylene-d12	23.22	264	14194	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	2174	0.39	ng	0.00
5) Phenol-d6	6.59	99	3267	0.39	ng	0.00
8) Nitrobenzene-d5	8.53	82	2678	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	7374	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	557	0.38	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	10967	0.38	ng	0.00
25) Fluoranthene-d10	18.82	212	68884	0.36	ng	0.00
29) Terphenyl-d14	19.44	244	13580	0.38	ng	0.00

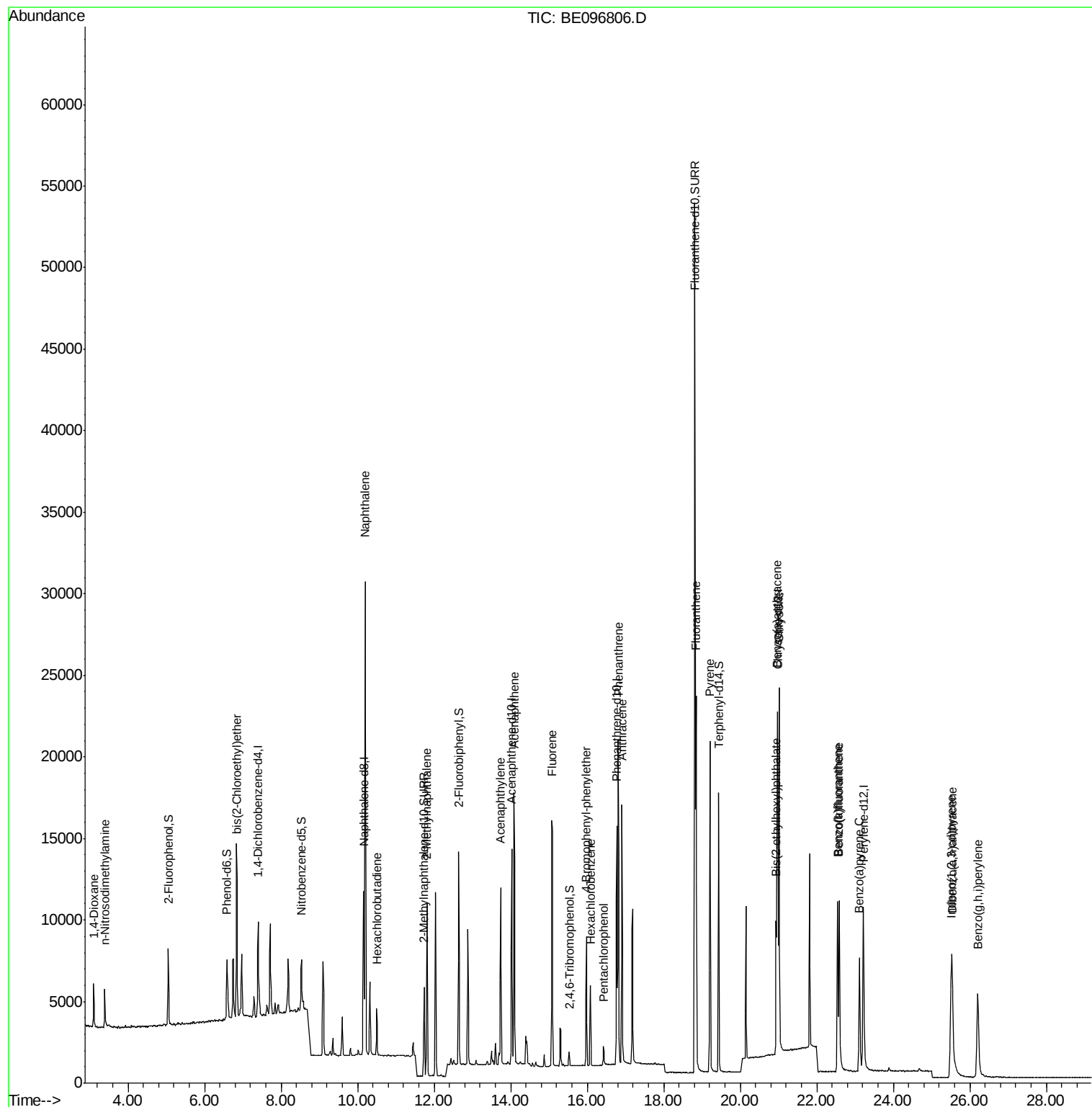
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1642	0.399	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	1654	0.381	ng	# 84
6) bis(2-Chloroethyl)ether	6.85	93	3631	0.370	ng	97
9) Naphthalene	10.20	128	45757	0.378	ng	99
10) Hexachlorobutadiene	10.50	225	1930	0.382	ng	97
12) 2-Methylnaphthalene	11.81	142	7550	0.372	ng	100
16) Acenaphthylene	13.74	152	11838	0.358	ng	100
17) Acenaphthene	14.08	154	8277	0.373	ng	94
18) Fluorene	15.07	166	9691	0.369	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	3500	0.370	ng	# 84
21) Hexachlorobenzene	16.09	284	4105	0.369	ng	# 80
22) Pentachlorophenol	16.43	266	661	0.379	ng	# 75
23) Phenanthrene	16.81	178	19760	0.374	ng	98
24) Anthracene	16.90	178	15813	0.365	ng	95
26) Fluoranthene	18.84	202	20016	0.358	ng	99
28) Pyrene	19.21	202	19520	0.378	ng	99
30) Benzo(a)anthracene	20.97	228	13363	0.351	ng	96
31) Chrysene	21.02	228	18032	0.376	ng	100
32) Bis(2-ethylhexyl)phthalate	20.93	149	10871	0.380	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	13613	0.378	ng	95
35) Benzo(b)fluoranthene	22.54	252	13235	0.339	ng	# 89
36) Benzo(k)fluoranthene	22.59	252	16306	0.352	ng	96
37) Benzo(a)pyrene	23.11	252	11022	0.325	ng	94
38) Dibenzo(a,h)anthracene	25.54	278	11372	0.359	ng	96
39) Benzo(g,h,i)perylene	26.21	276	12604	0.350	ng	# 92

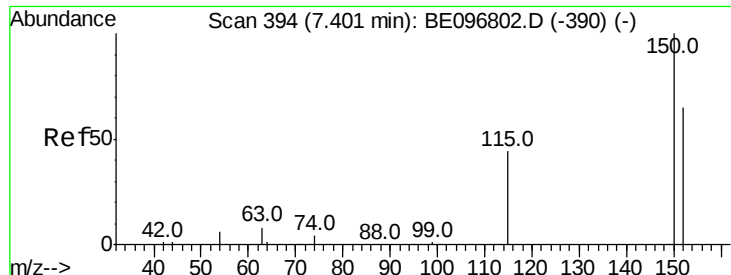
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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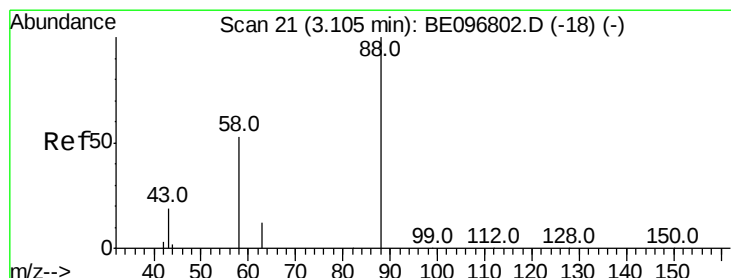
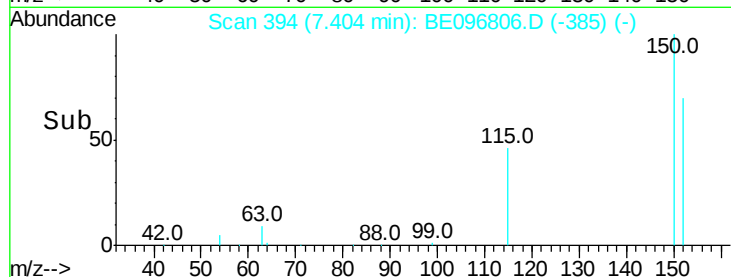
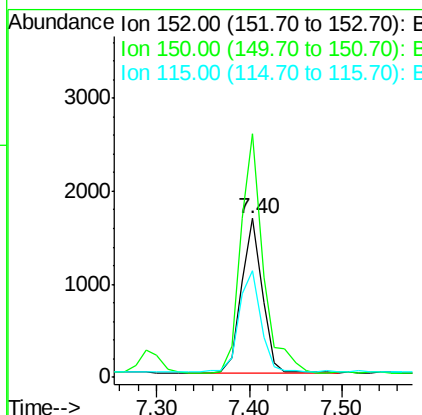
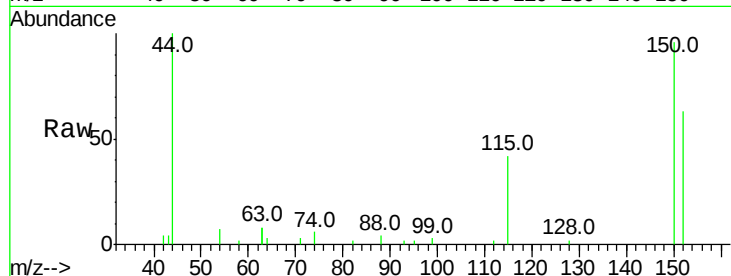


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096806.D
Acq: 18 Jun 2018 13:17

Instrument :
BNA_E
ClientSampleId :
ICVBE061818

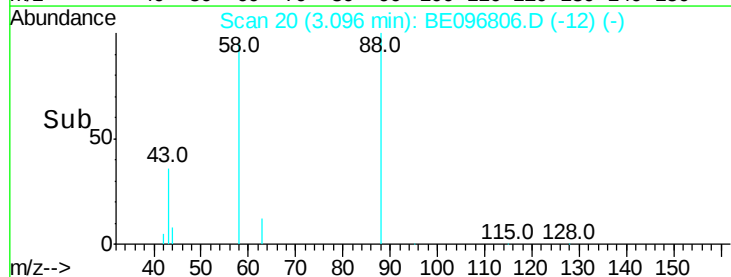
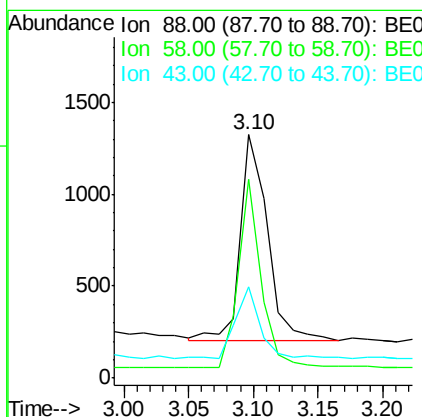
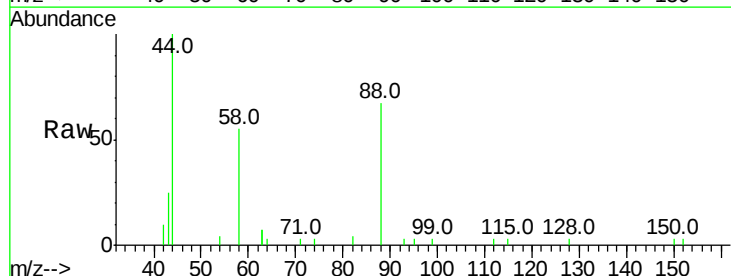
Tot Ion:152 Resp: 2544
Ion Ratio Lower Upper
152 100
150 153.1 117.2 175.8
115 66.8 57.0 85.6

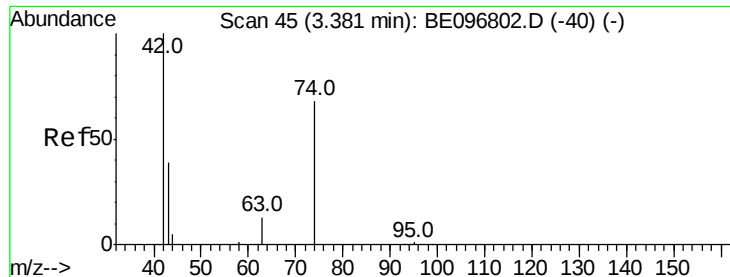


#2

1,4-Dioxane
Concen: 0.399 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096806.D
Acq: 18 Jun 2018 13:17

Tgt Ion: 88 Resp: 1642
Ion Ratio Lower Upper
88 100
58 75.6 63.2 94.8
43 32.3 41.2 61.8#



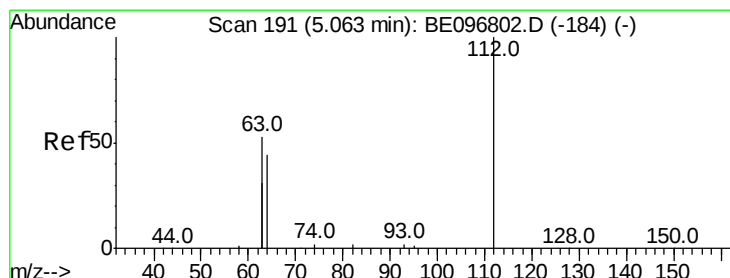
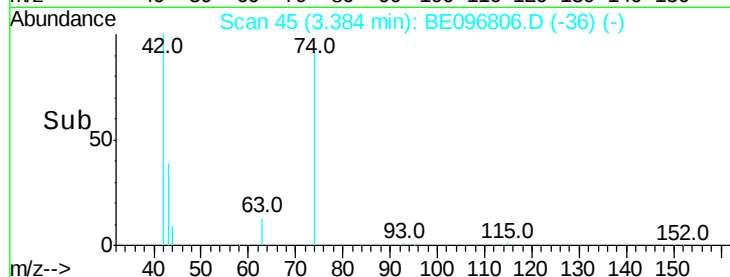
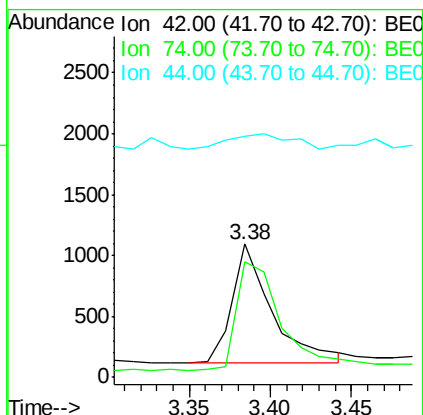
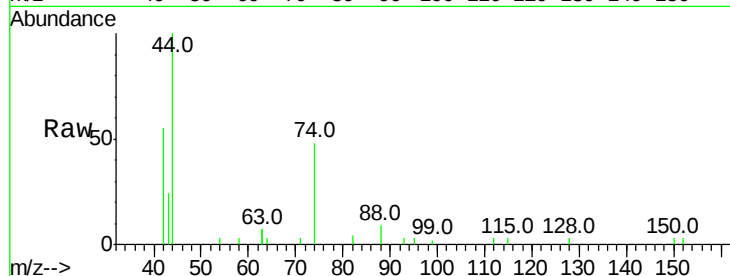


#3

n-Nitrosodimethylamine
 Concen: 0.381 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096806.D
 Acq: 18 Jun 2018 13:17

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061818

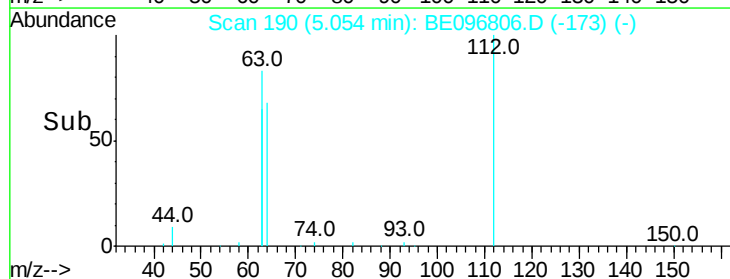
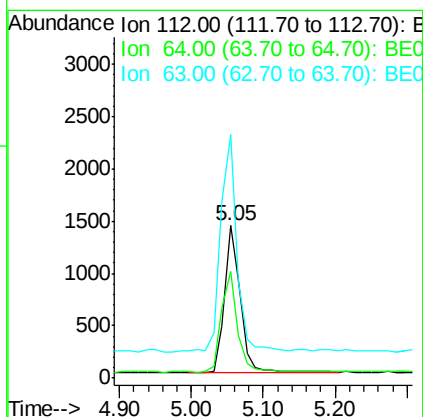
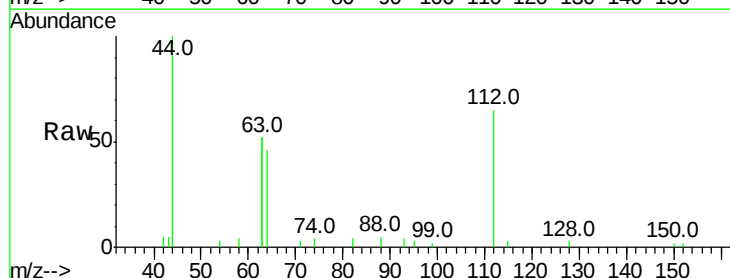
Tot Ion: 42 Resp: 1654
 Ion Ratio Lower Upper
 42 100
 74 102.5 96.0 144.0
 44 21.3 12.0 18.0#

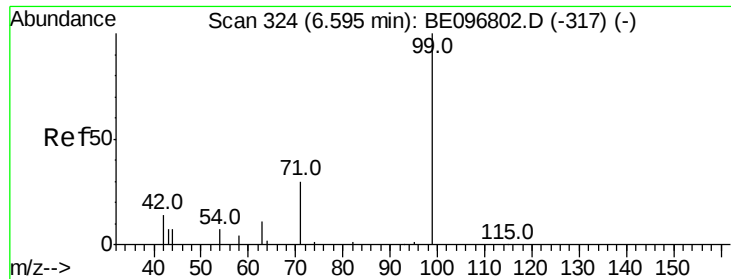


#4

2-Fluorophenol
 Concen: 0.391 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BE096806.D
 Acq: 18 Jun 2018 13:17

Tgt Ion: 112 Resp: 2174
 Ion Ratio Lower Upper
 112 100
 64 70.0 60.1 90.1
 63 151.6 116.8 175.2





#5

Phenol-d6

Concen: 0.392 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

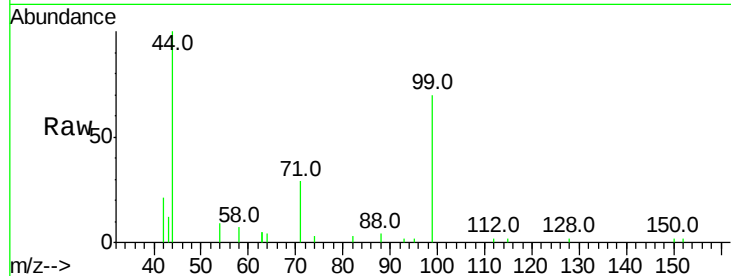
Tot Ion: 99 Resp: 3267

Ion Ratio Lower Upper

99 100

42 24.5 20.2 30.2

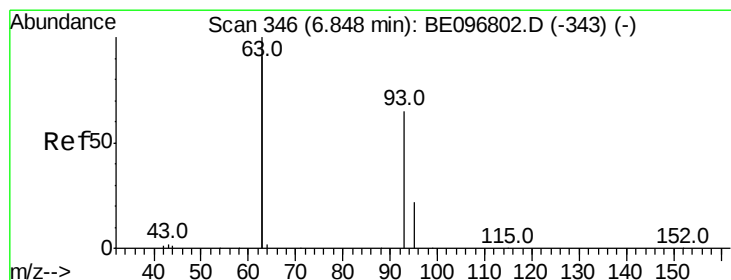
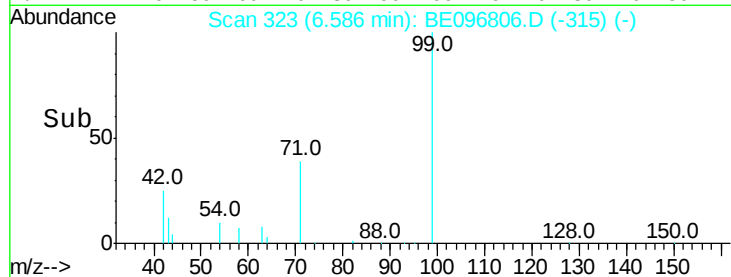
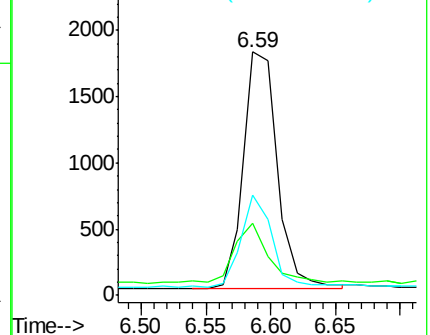
71 36.2 28.4 42.6



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: 0.370 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

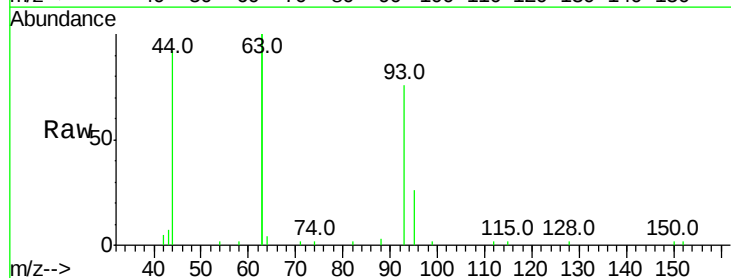
Tgt Ion: 93 Resp: 3631

Ion Ratio Lower Upper

93 100

63 336.4 275.3 412.9

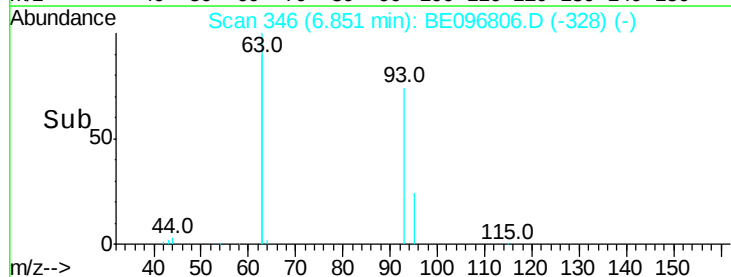
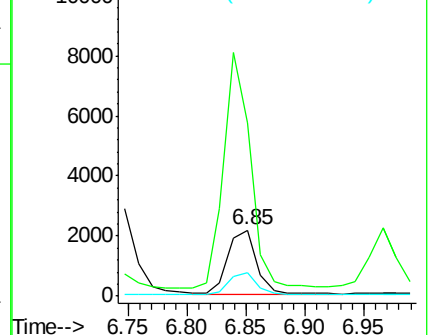
95 32.1 25.2 37.8

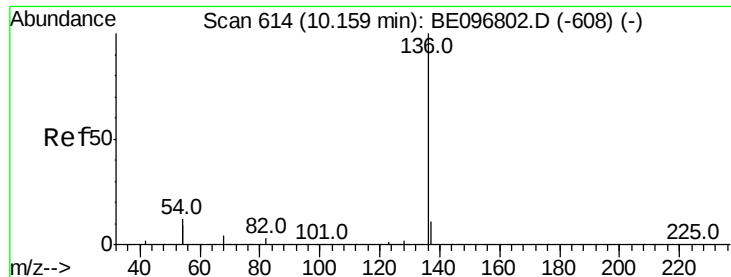


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

Tot Ion:136 Resp: 12316

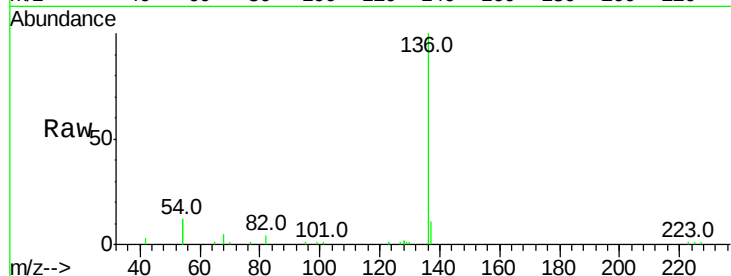
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 23.9 29.1 43.7#

68 5.1 6.2 9.2#

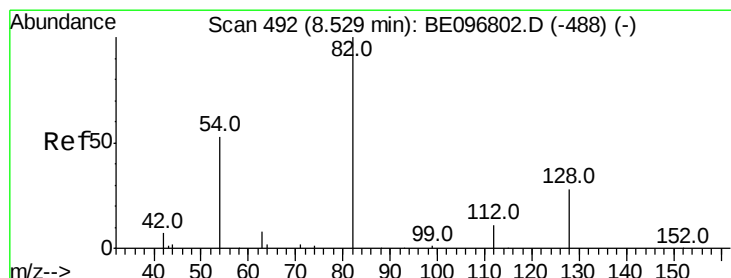
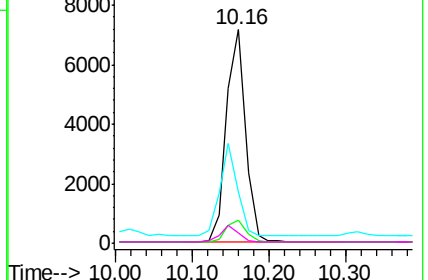
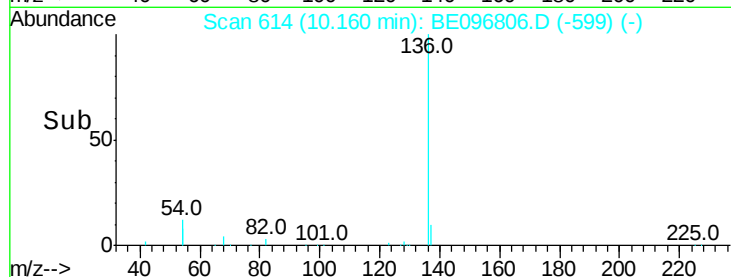


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

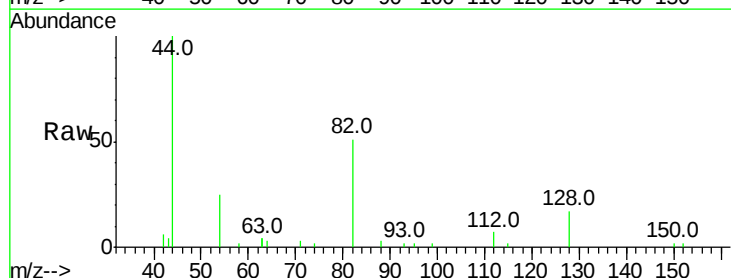
Tgt Ion: 82 Resp: 2678

Ion Ratio Lower Upper

82 100

128 32.9 24.0 36.0

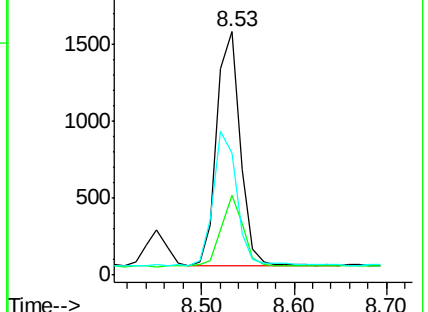
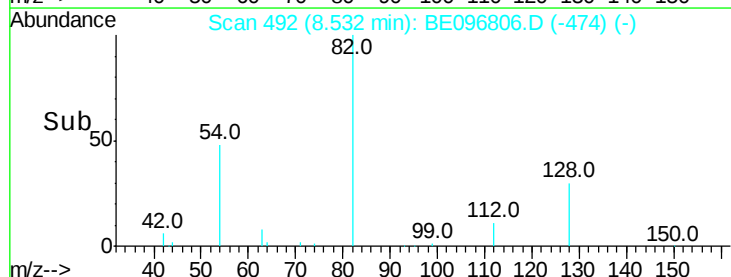
54 50.1 40.0 60.0

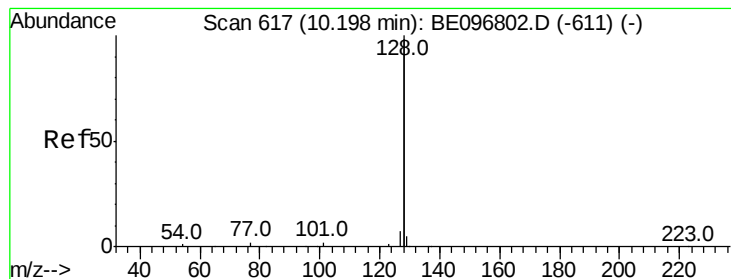


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.378 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096806.D

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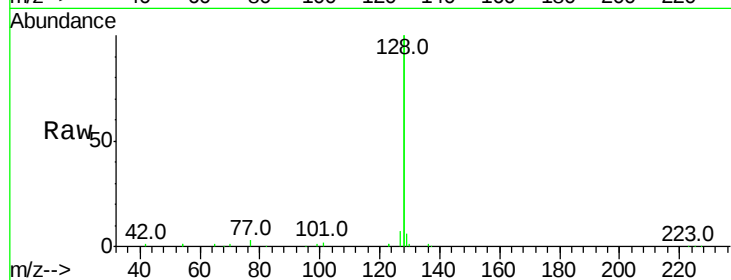
Tot Ion:128 Resp: 45757

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

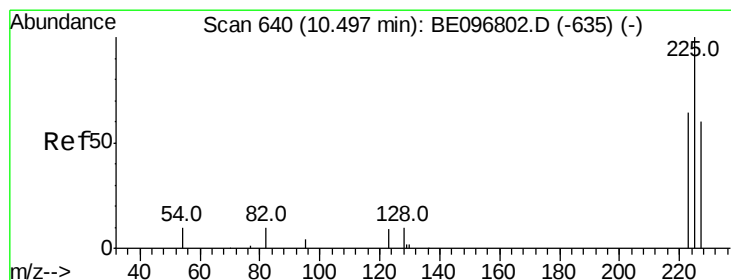
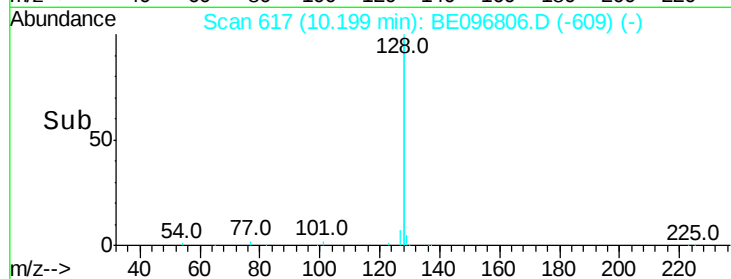
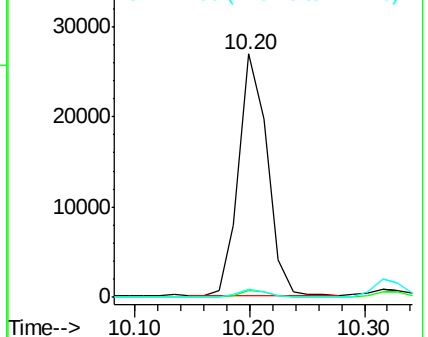
127 3.5 2.8 4.2



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: 0.382 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

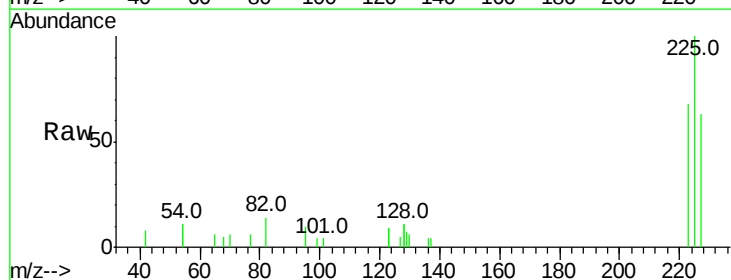
Tgt Ion:225 Resp: 1930

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

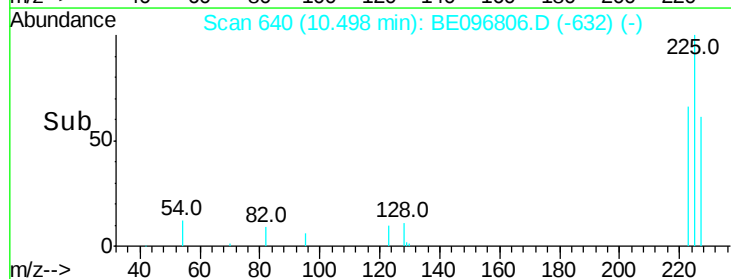
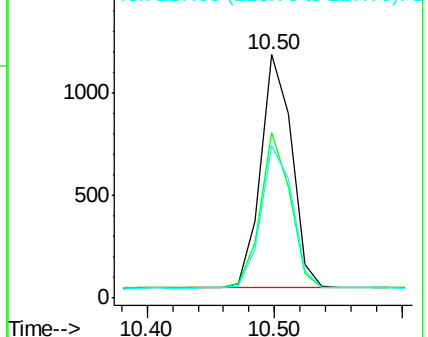
227 62.1 51.4 77.2

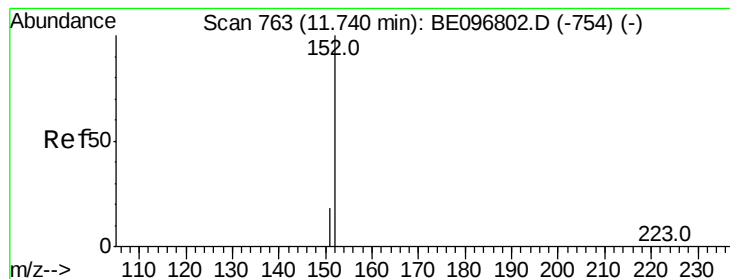


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096806.D

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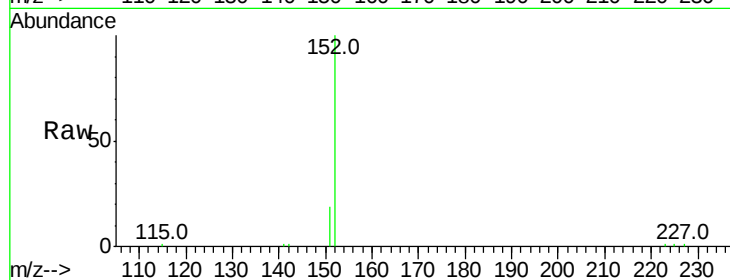
ICVBE061818

Tot Ion:152 Resp: 7374

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

5000

4000

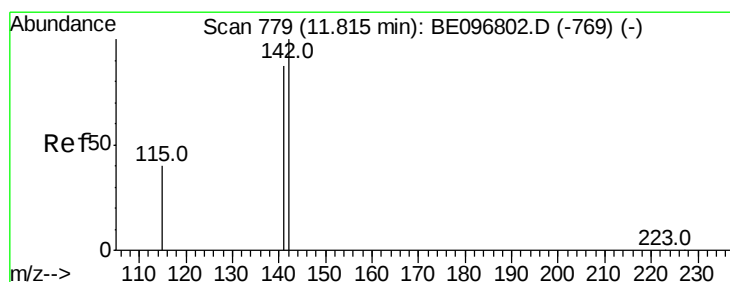
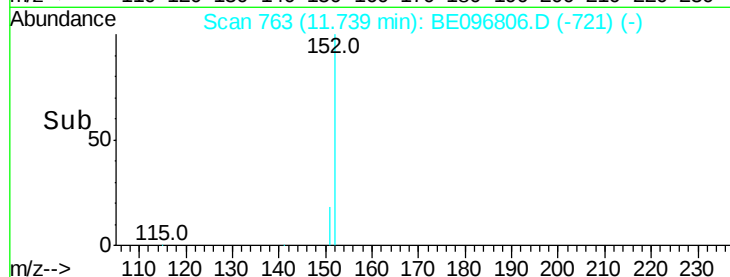
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.372 ng

RT: 11.81 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

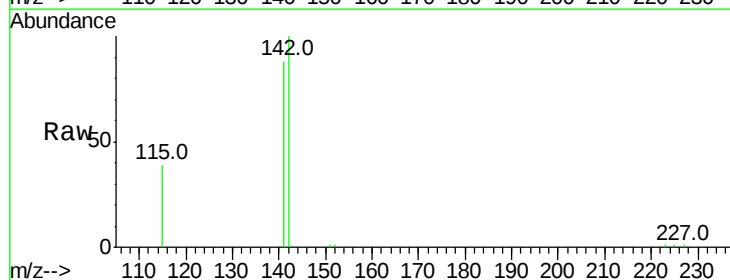
Tgt Ion:142 Resp: 7550

Ion Ratio Lower Upper

142 100

141 87.9 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

11.81

6000

5000

4000

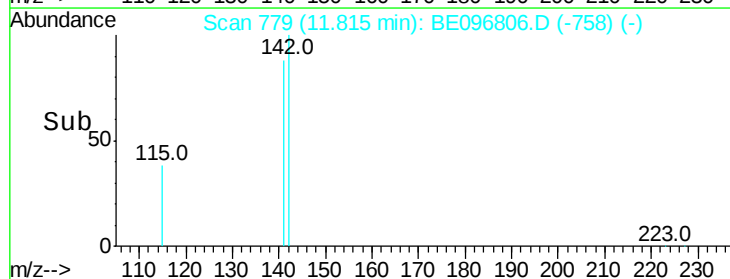
3000

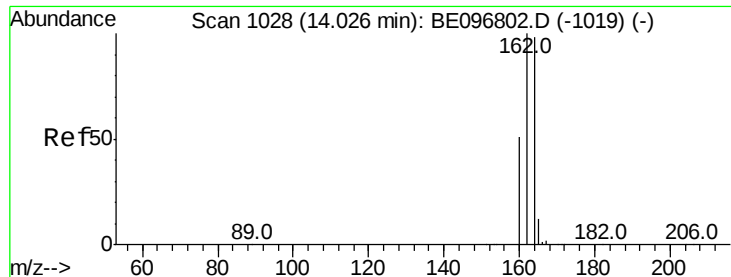
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

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ClientSampleId :

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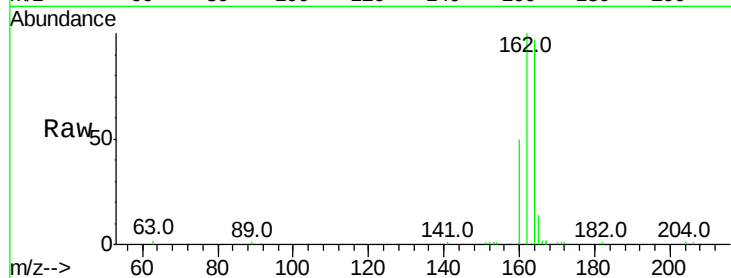
Tot Ion:164 Resp: 7006

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

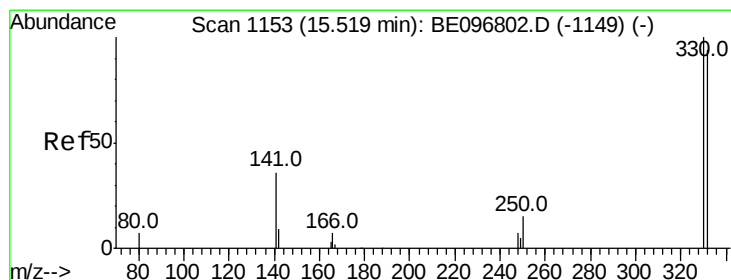
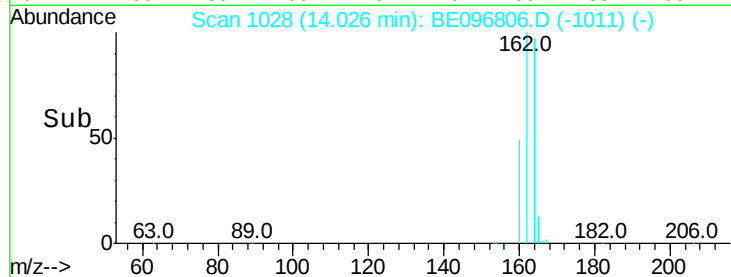
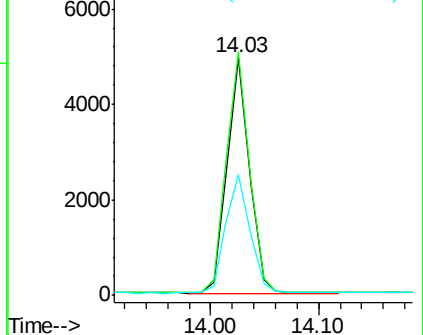
160 51.1 37.1 55.7



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: 0.381 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

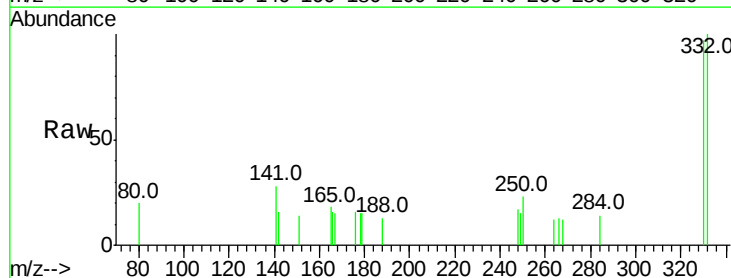
Tgt Ion:330 Resp: 557

Ion Ratio Lower Upper

330 100

332 100.9 152.7 229.1#

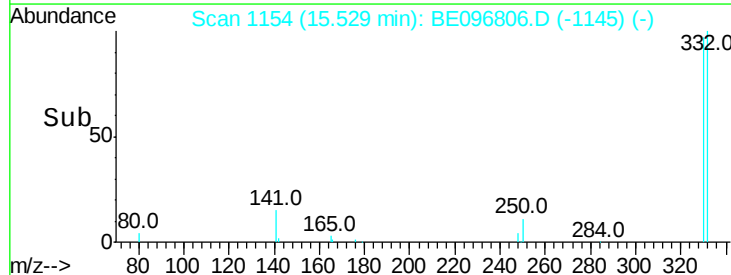
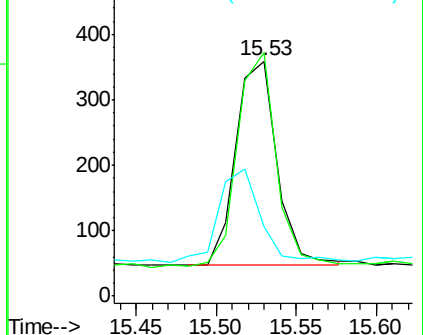
141 45.6 33.7 50.5

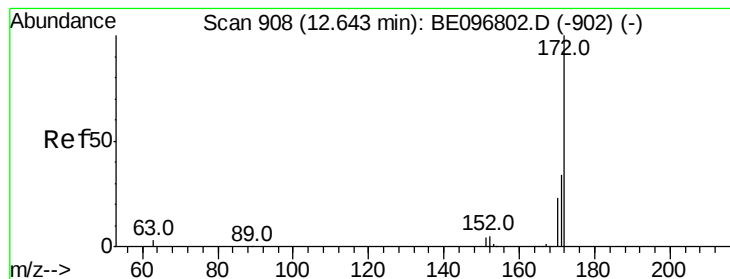


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

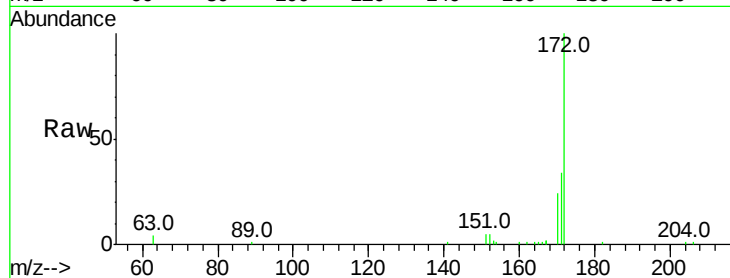
BNA_E

ClientSampleId :

ICVBE061818

Tot Ion:172 Resp: 10967

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.9	44.9
170	24.0	21.8	32.8

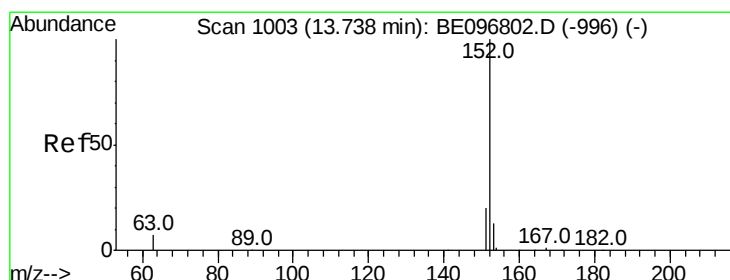
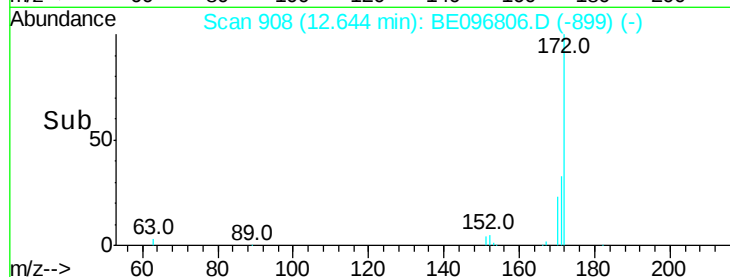
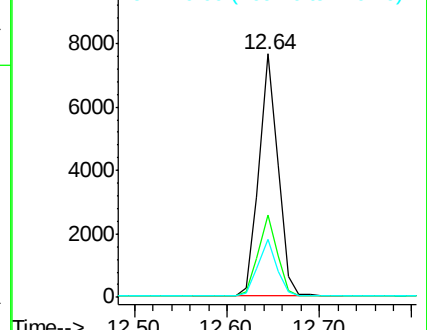


Abundance

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: 0.358 ng

RT: 13.74 min Scan# 1003

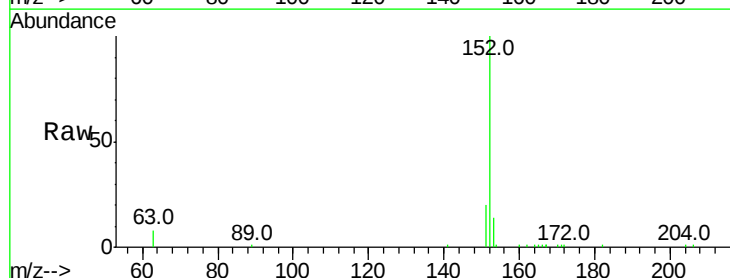
Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Tgt Ion:152 Resp: 11838

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.5	10.5	15.7

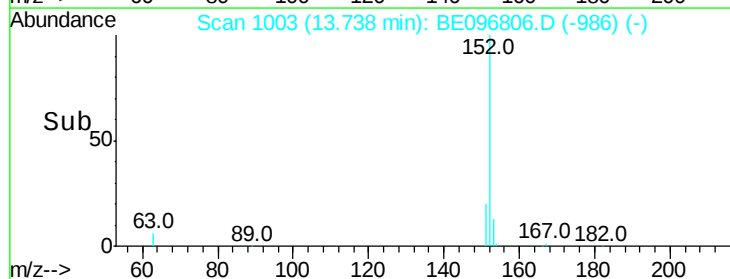
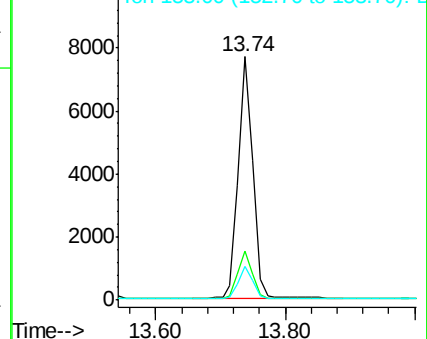


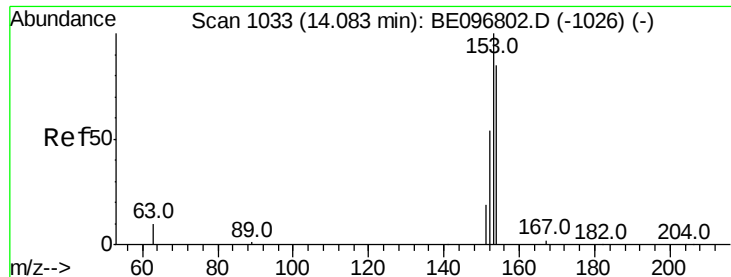
Abundance

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: 0.373 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

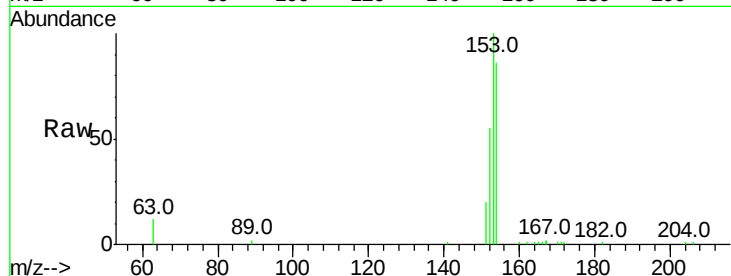
Tot Ion:154 Resp: 8277

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

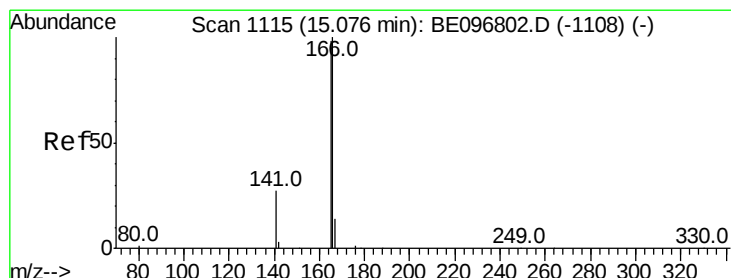
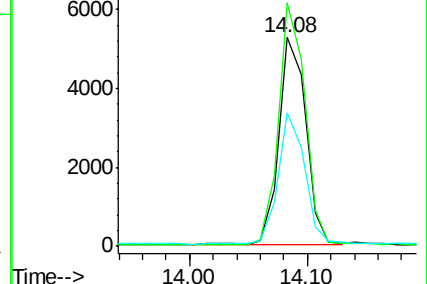
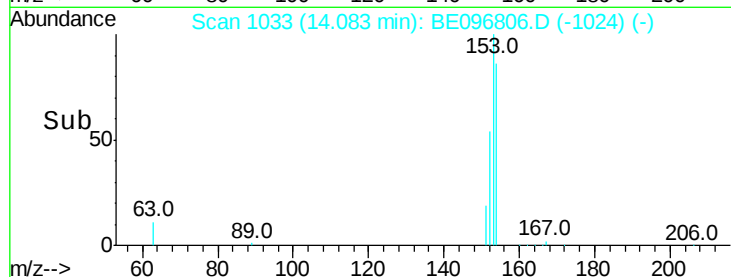
152 62.3 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.369 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

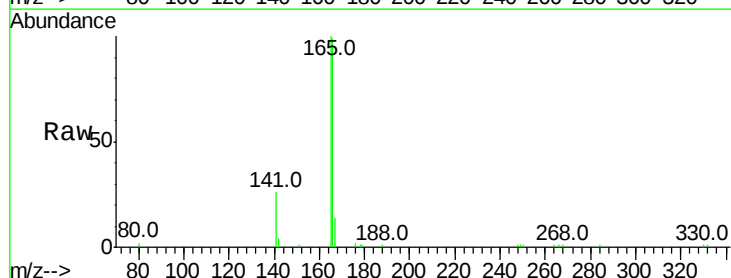
Tgt Ion:166 Resp: 9691

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

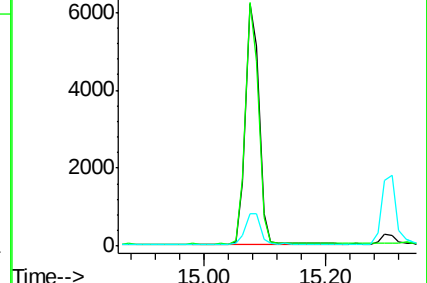
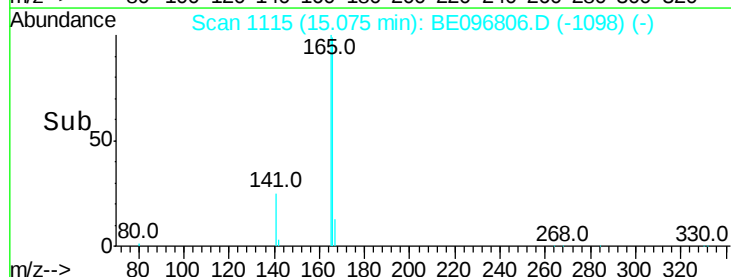
167 14.2 42.4 63.6#

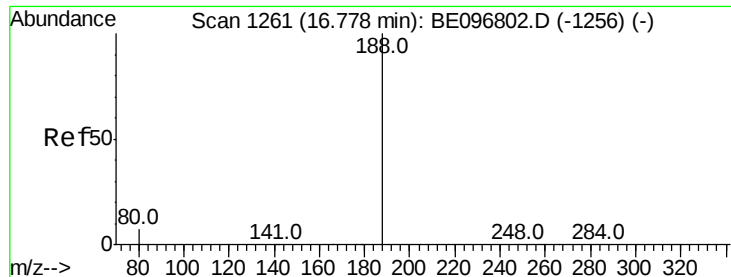


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

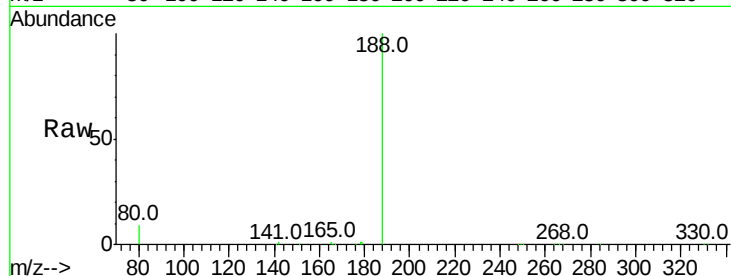
Tot Ion:188 Resp: 19419

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

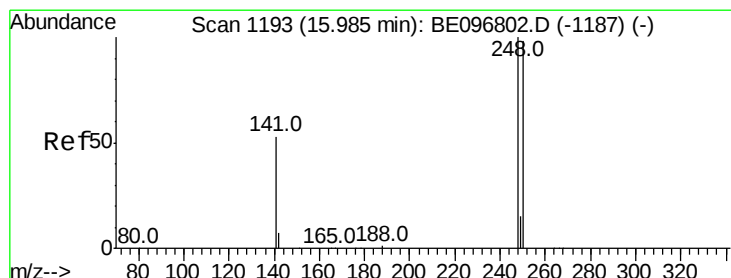
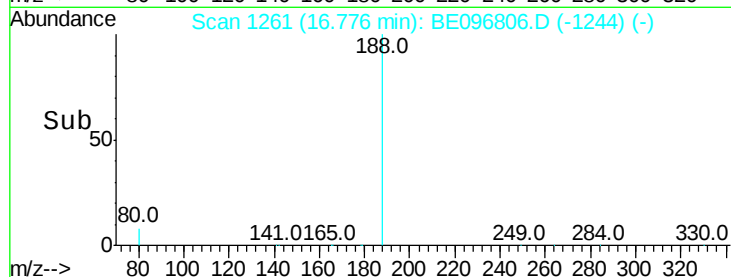
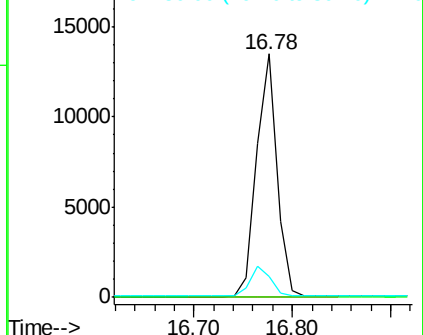
80 8.8 3.6 5.4#



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: 0.370 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

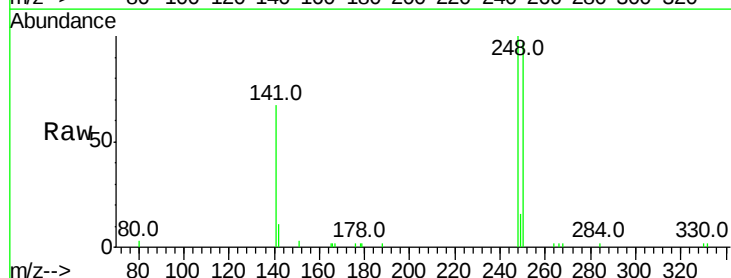
Tgt Ion:248 Resp: 3500

Ion Ratio Lower Upper

248 100

250 97.2 62.7 94.1#

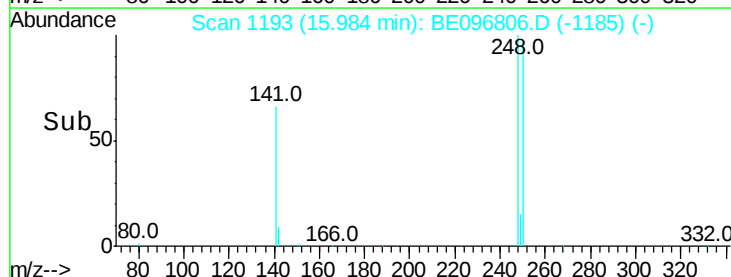
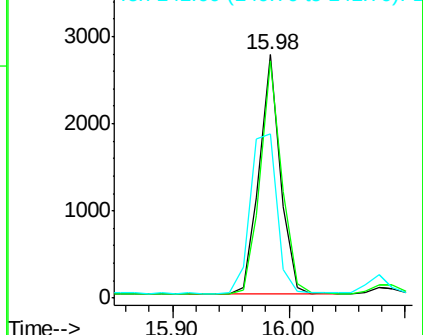
141 67.2 48.2 72.2

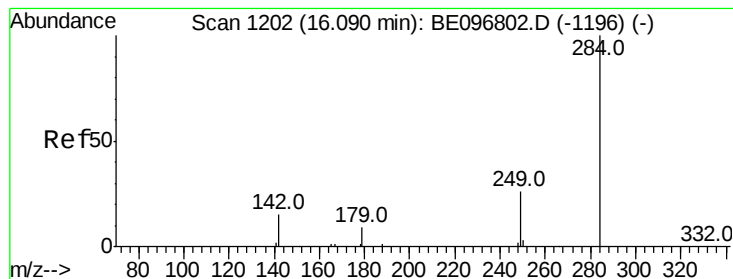


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.369 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

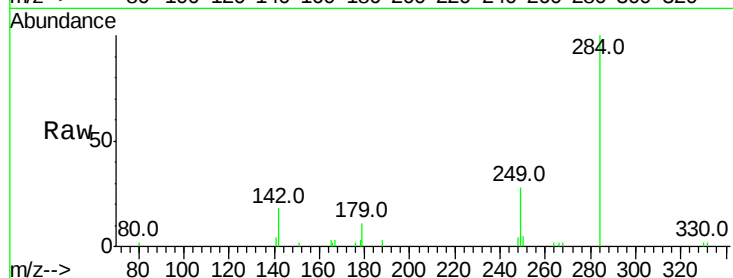
Tot Ion:284 Resp: 4105

Ion Ratio Lower Upper

284 100

142 39.3 22.1 33.1#

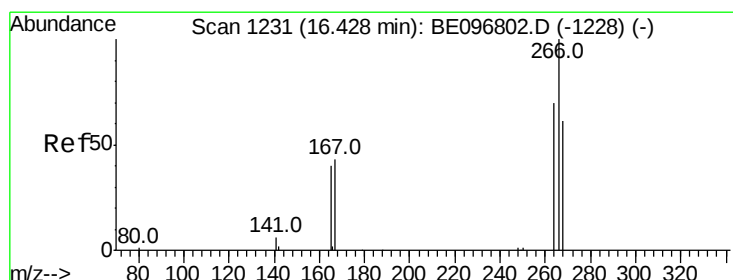
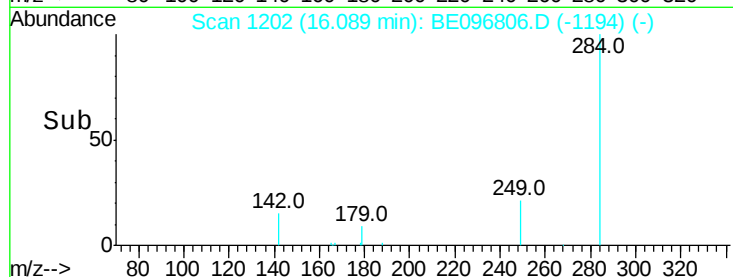
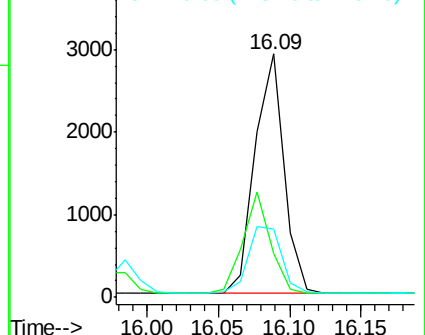
249 31.6 34.8 52.2#



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: 0.379 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

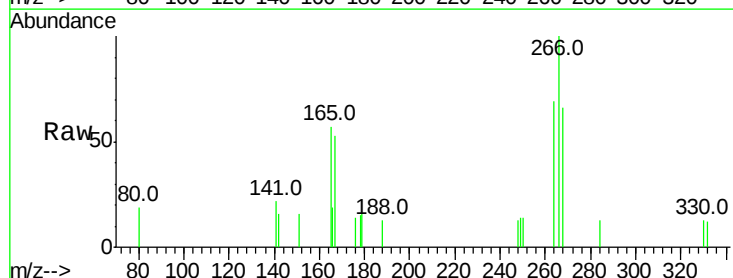
Tgt Ion:266 Resp: 661

Ion Ratio Lower Upper

266 100

264 68.7 72.5 108.7#

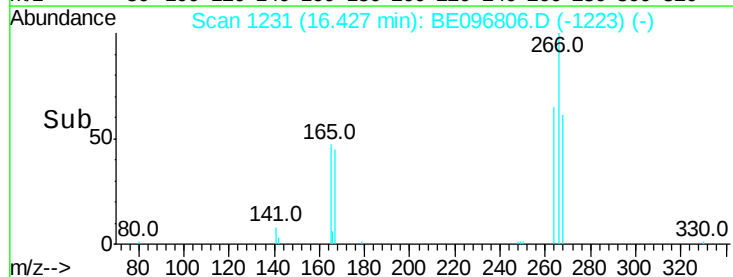
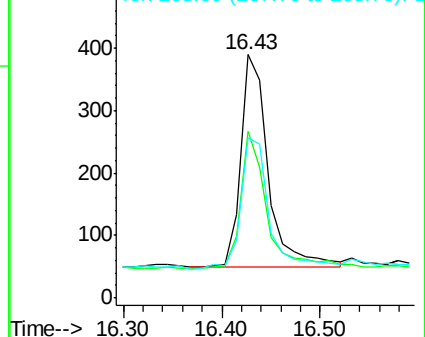
268 65.6 73.8 110.6#

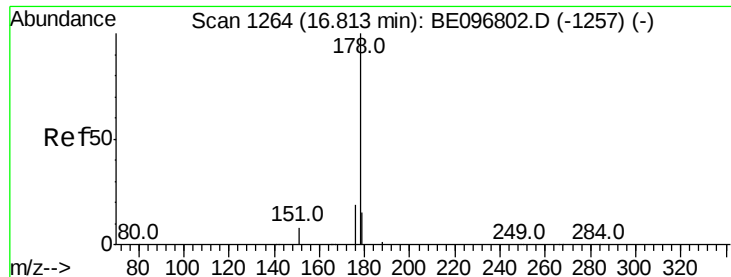


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.374 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

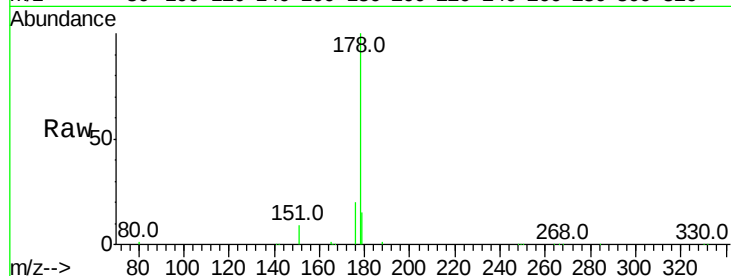
Tot Ion:178 Resp: 19760

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

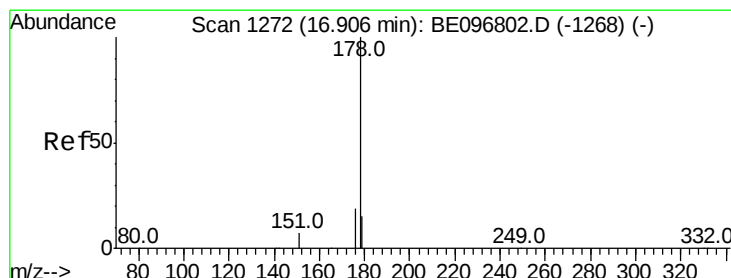
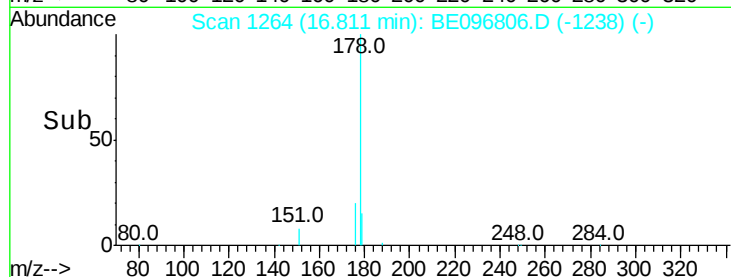
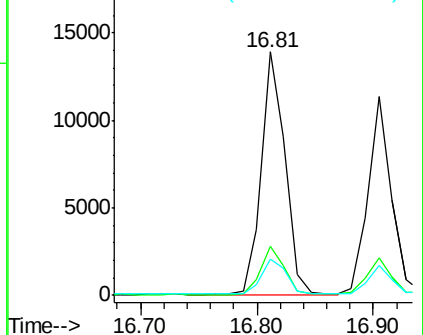
179 15.3 11.8 17.6



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: 0.365 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

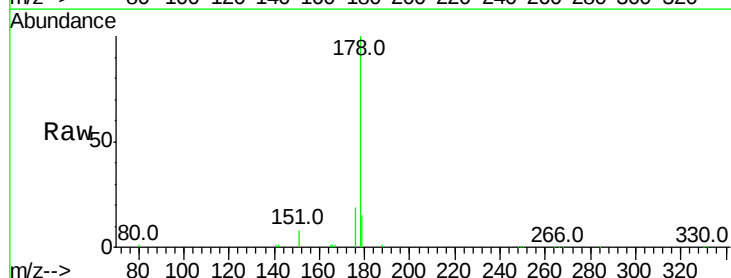
Tgt Ion:178 Resp: 15813

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

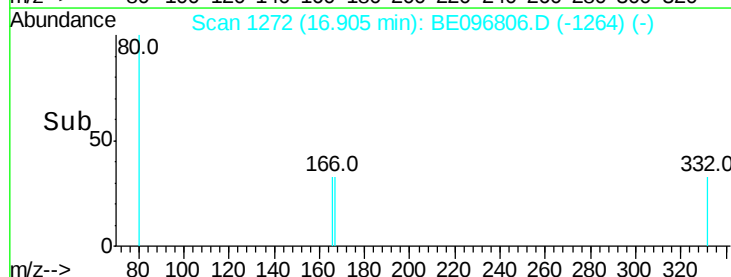
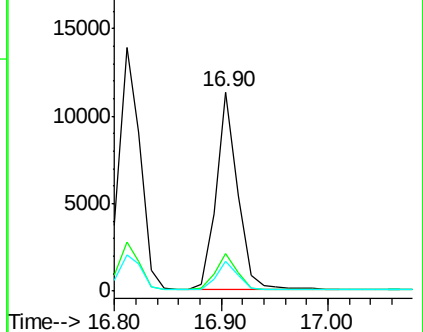
179 15.1 13.0 19.6

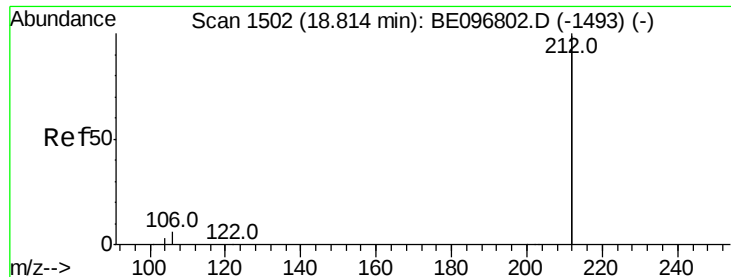


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 18.82 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

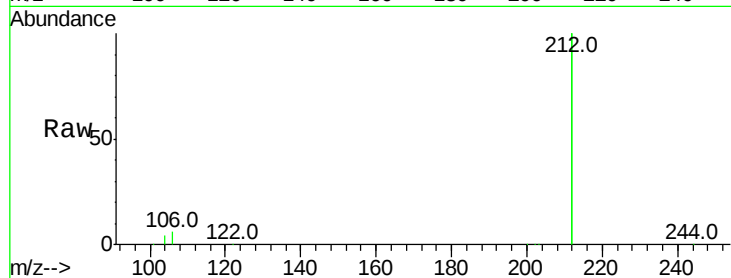
Tot Ion:212 Resp: 68884

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

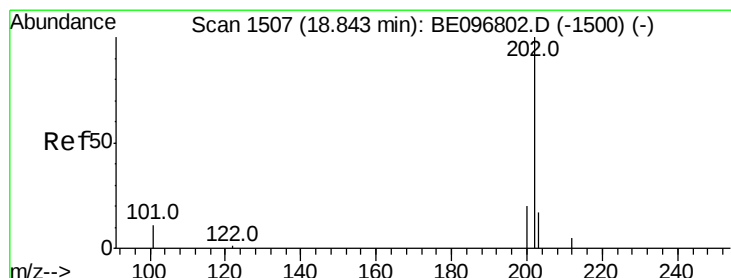
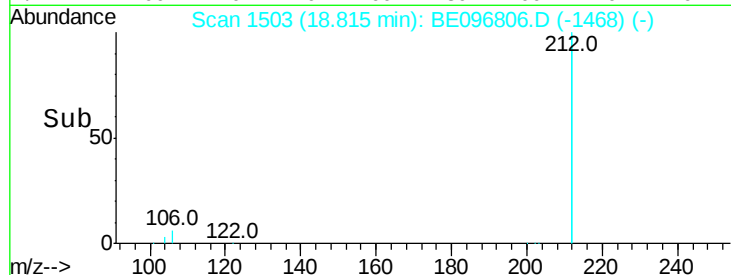
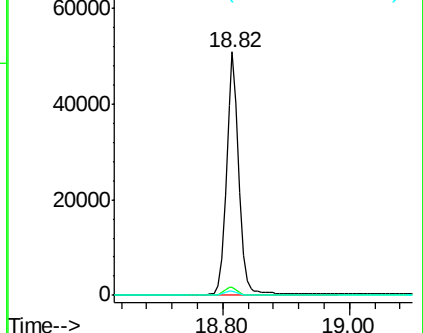
104 1.9 1.6 2.4



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: 0.358 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

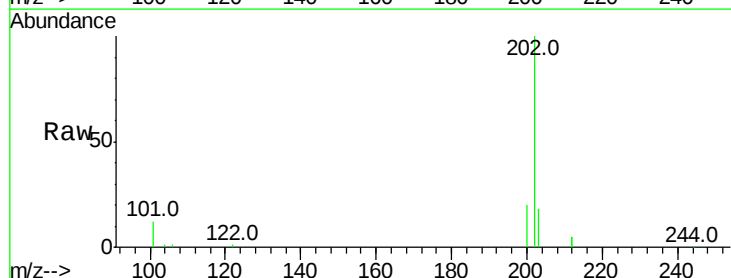
Tgt Ion:202 Resp: 20016

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

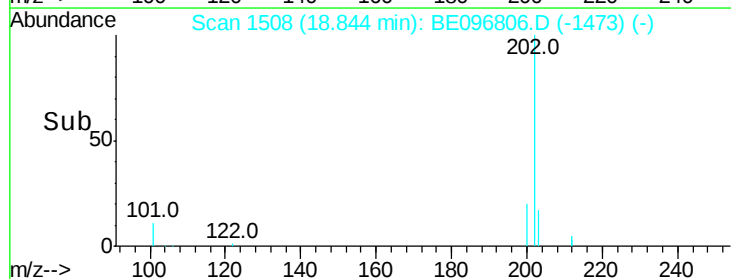
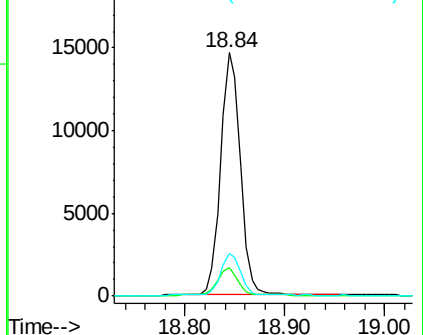
203 17.3 13.7 20.5

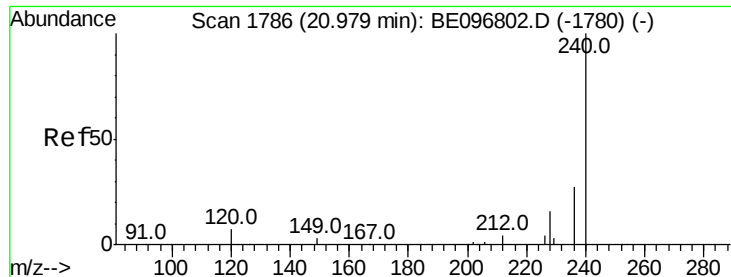


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

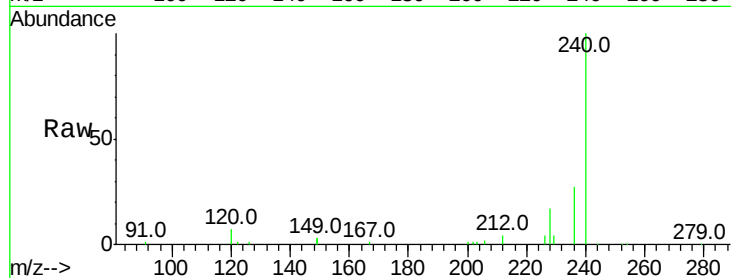
Tot Ion:240 Resp: 15717

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

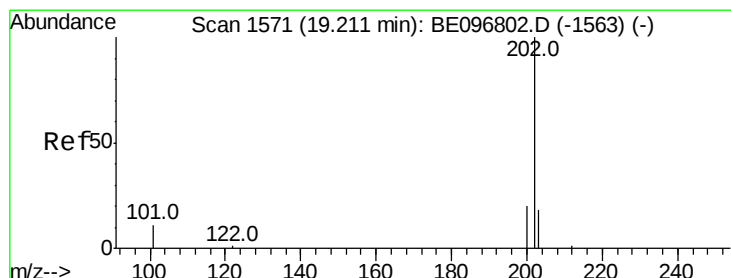
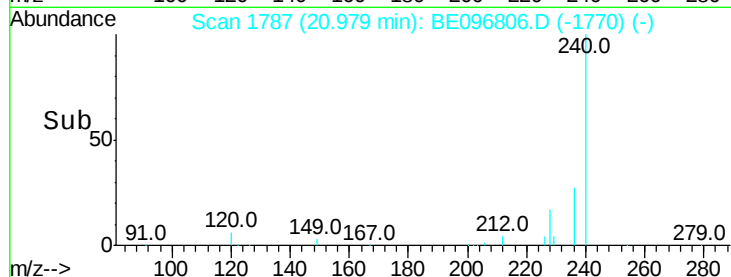
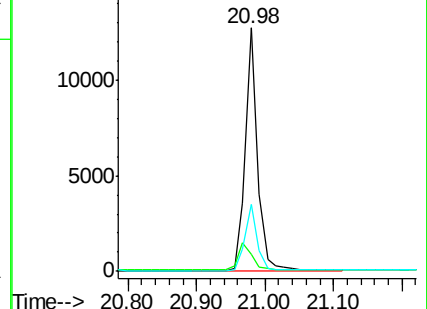
236 27.4 20.7 31.1



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: 0.378 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

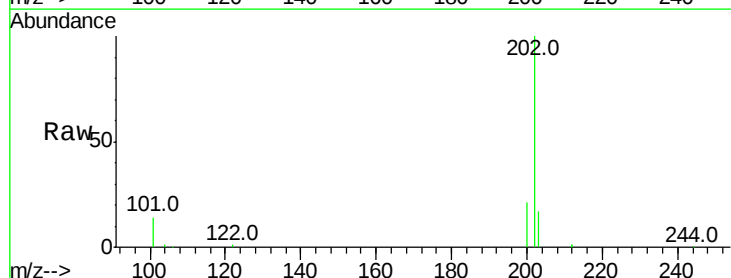
Tgt Ion:202 Resp: 19520

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

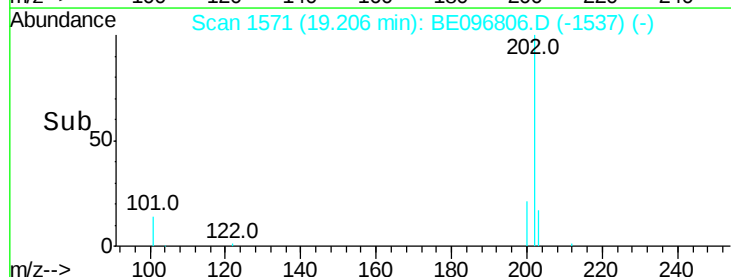
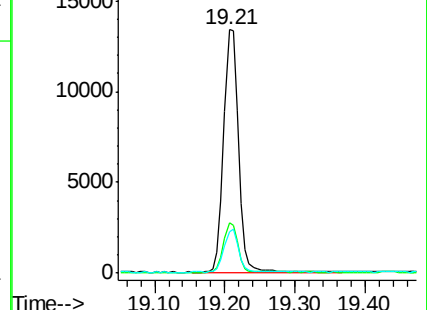
203 17.0 13.8 20.8

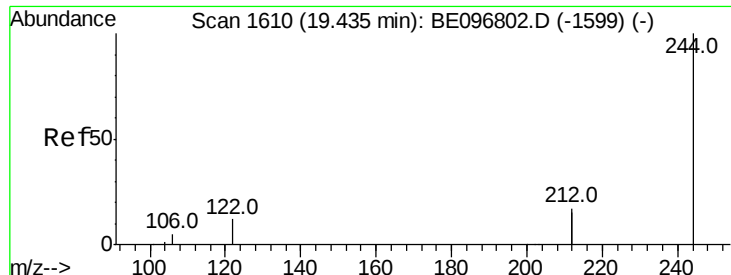


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

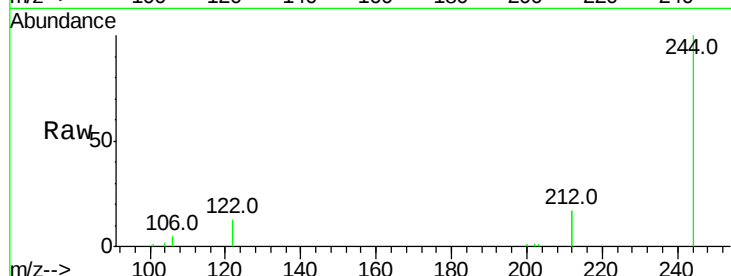
Tot Ion:244 Resp: 13580

Ion Ratio Lower Upper

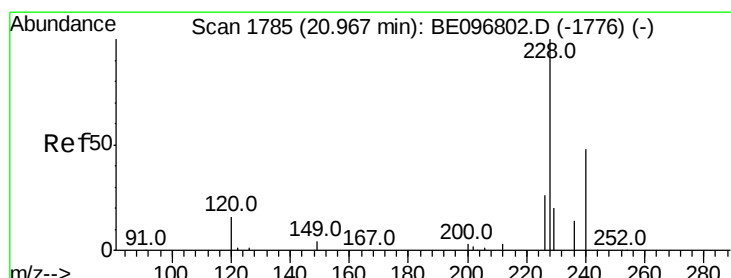
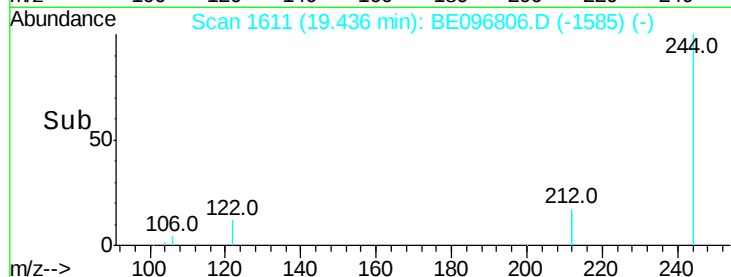
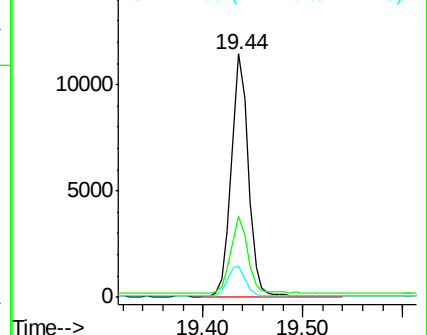
244 100

212 33.5 25.4 38.0

122 12.7 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: 0.351 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

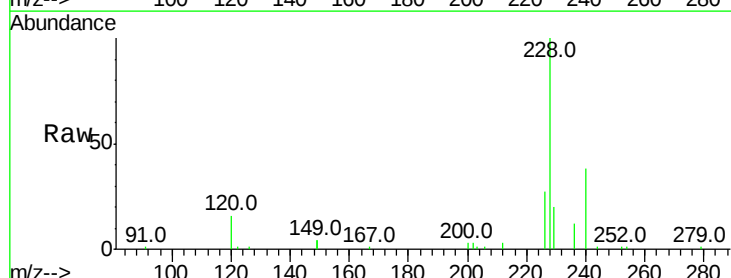
Tgt Ion:228 Resp: 13363

Ion Ratio Lower Upper

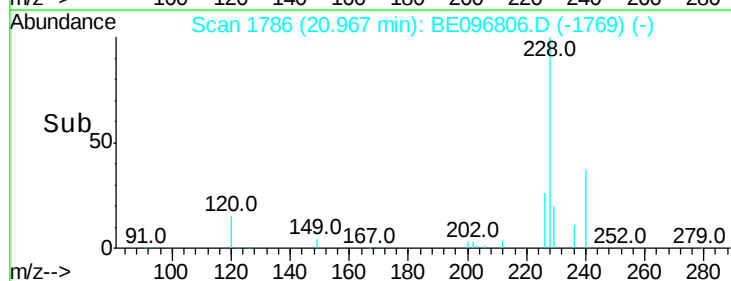
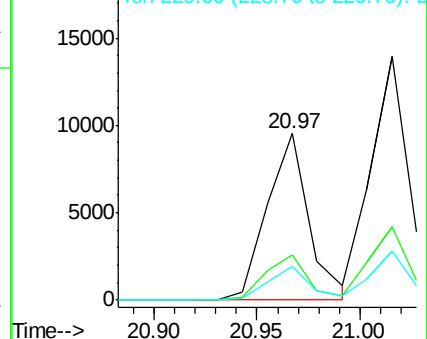
228 100

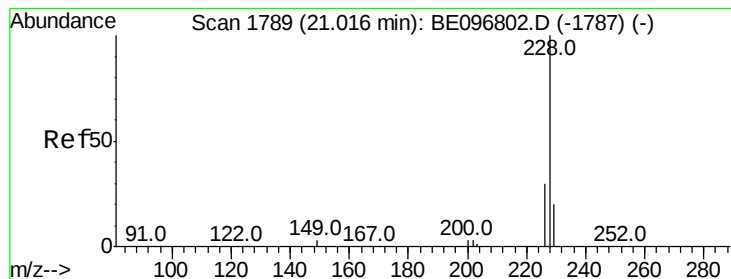
226 26.8 24.0 36.0

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





#31

Chrysene

Concen: 0.376 ng

RT: 21.02 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

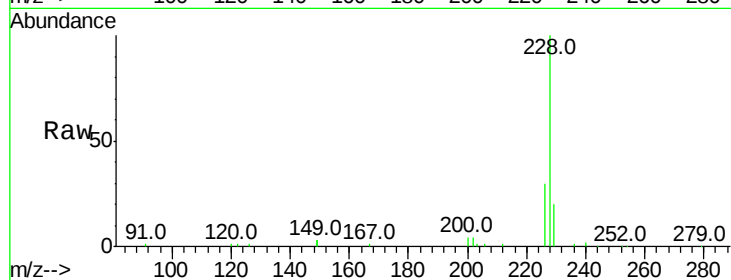
Tot Ion:228 Resp: 18032

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

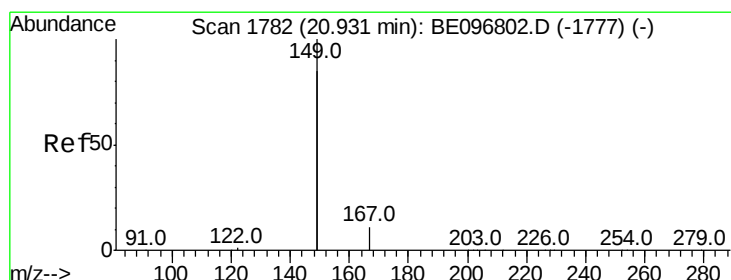
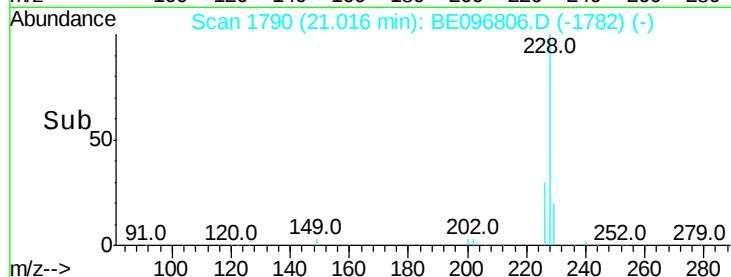
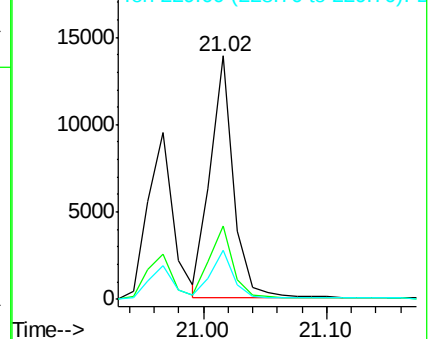
229 20.1 16.0 24.0



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: 0.380 ng

RT: 20.93 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

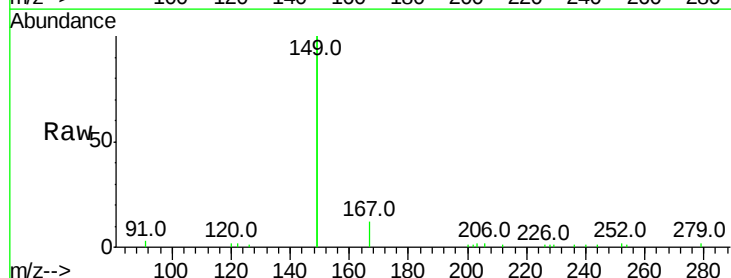
Tgt Ion:149 Resp: 10871

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

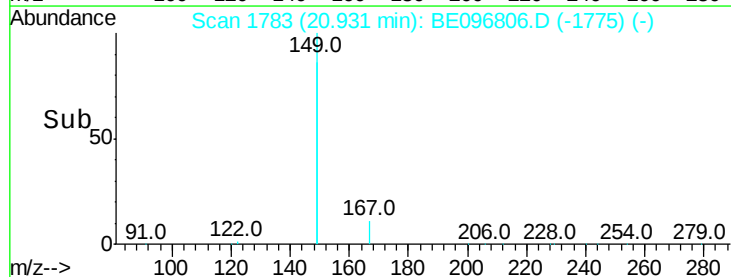
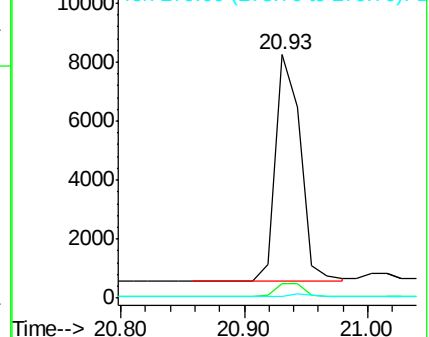
279 1.1 0.7 1.1

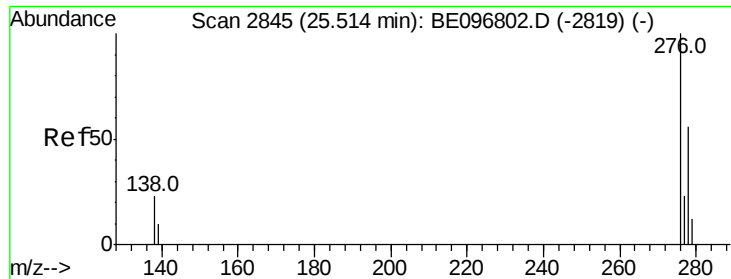


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

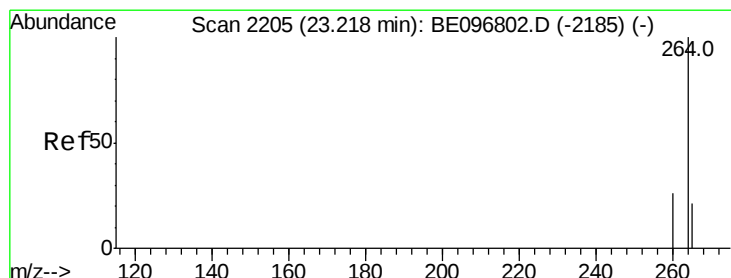
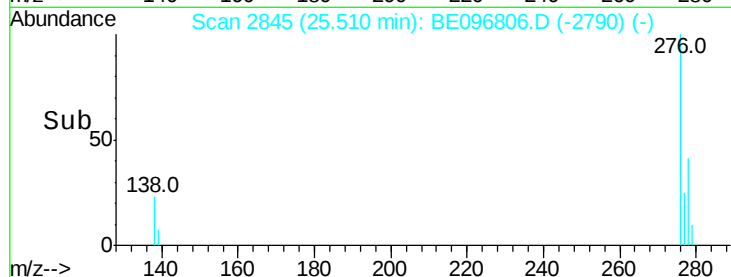
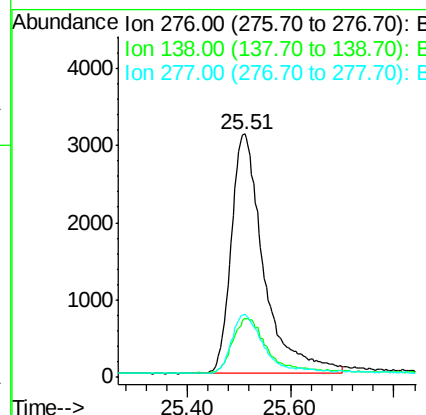
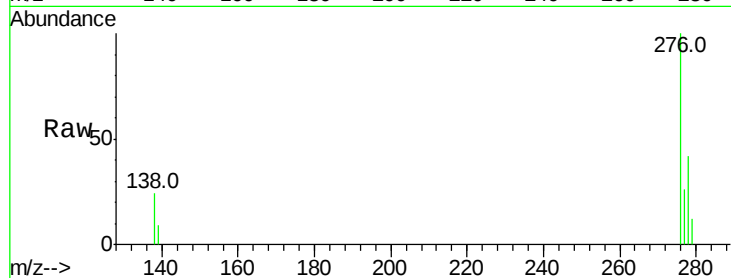




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.378 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BE096806.D
 Acq: 18 Jun 2018 13:17

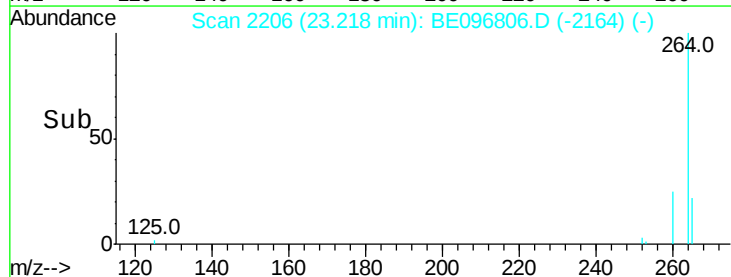
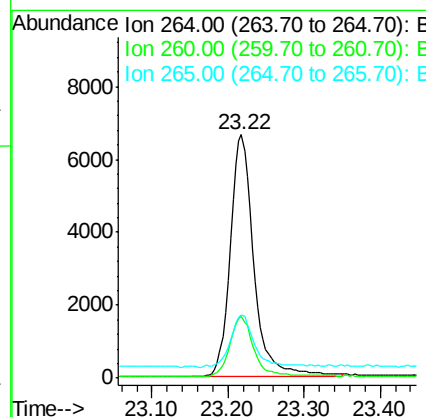
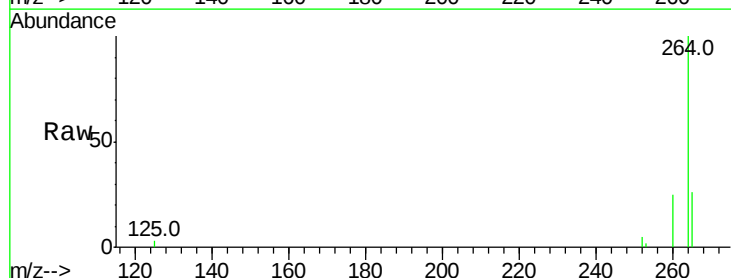
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061818

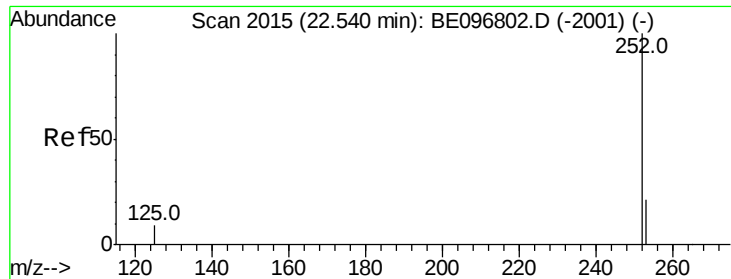
Tot Ion:276 Resp: 13613
 Ion Ratio Lower Upper
 276 100
 138 24.4 22.5 33.7
 277 23.2 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE096806.D
 Acq: 18 Jun 2018 13:17

Tgt Ion:264 Resp: 14194
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 26.1 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.339 ng

RT: 22.54 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

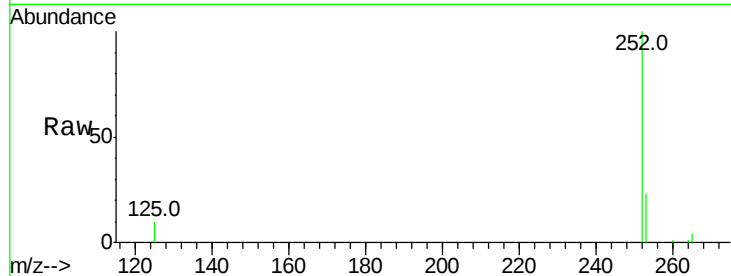
Tot Ion:252 Resp: 13235

Ion Ratio Lower Upper

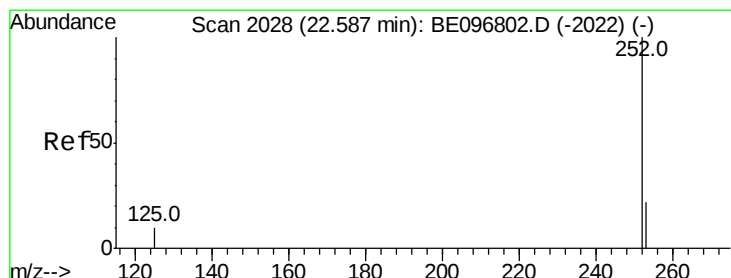
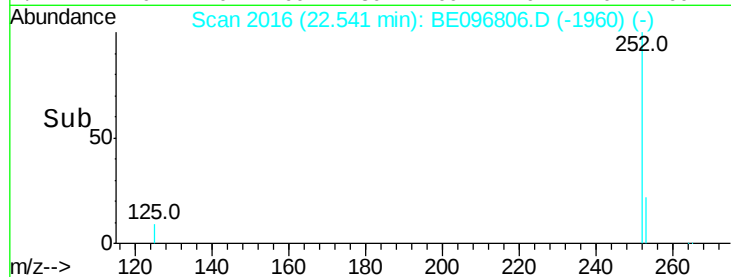
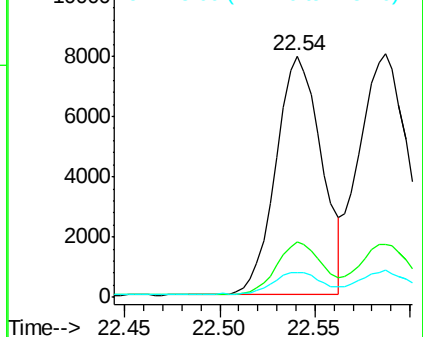
252 100

253 23.2 20.0 30.0

125 10.4 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: 0.352 ng

RT: 22.59 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

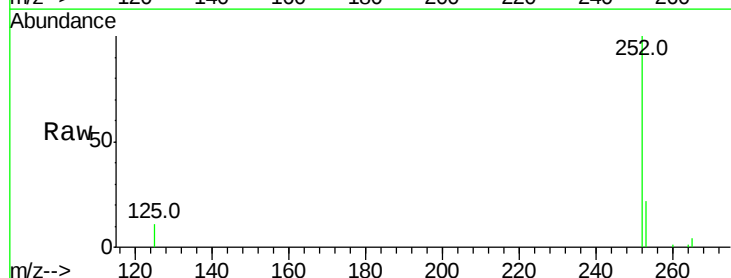
Tgt Ion:252 Resp: 16306

Ion Ratio Lower Upper

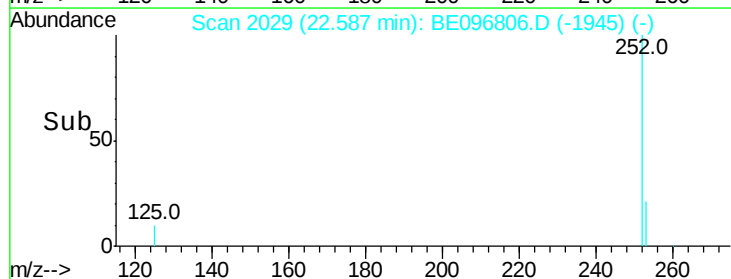
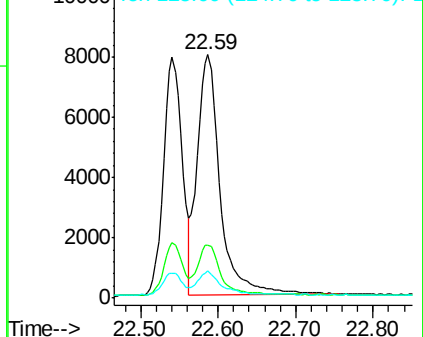
252 100

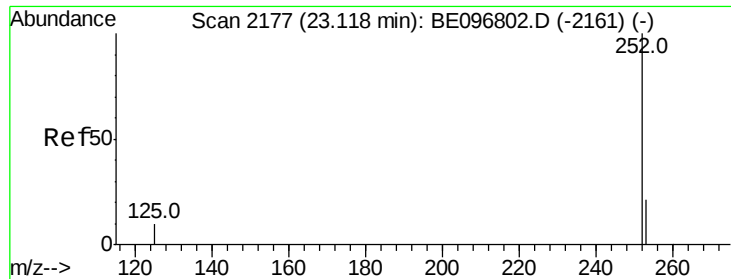
253 22.0 16.0 24.0

125 11.0 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: 0.325 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

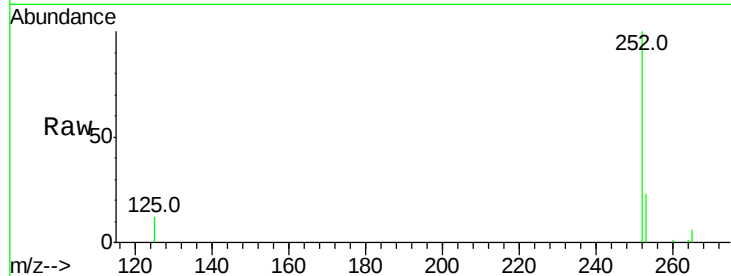
Tot Ion:252 Resp: 11022

Ion Ratio Lower Upper

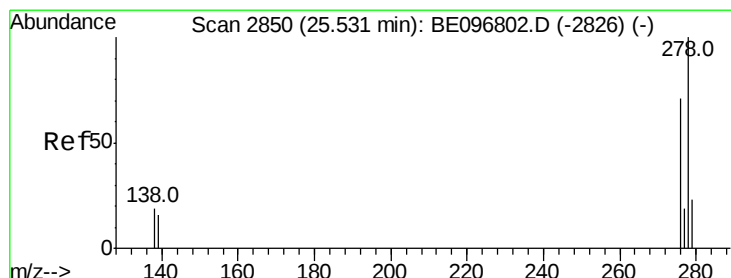
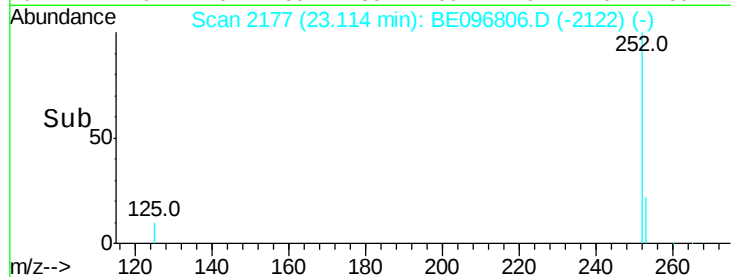
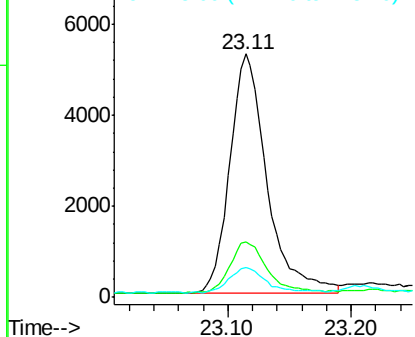
252 100

253 23.0 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: 0.359 ng

RT: 25.54 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

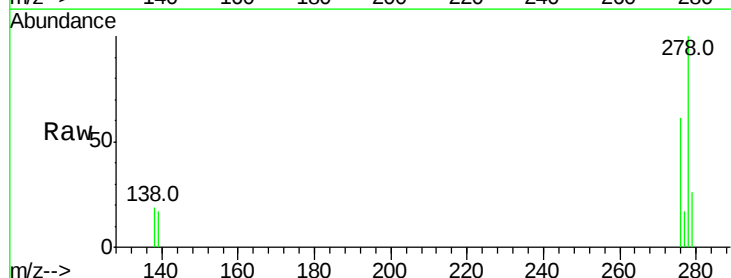
Tgt Ion:278 Resp: 11372

Ion Ratio Lower Upper

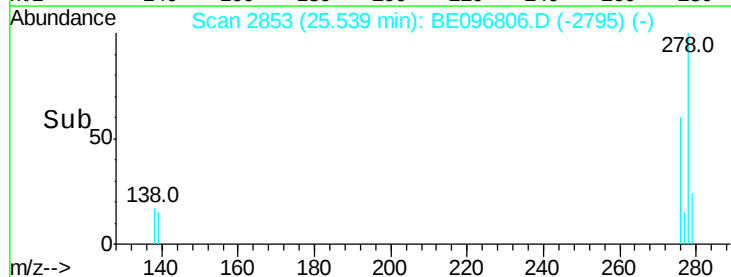
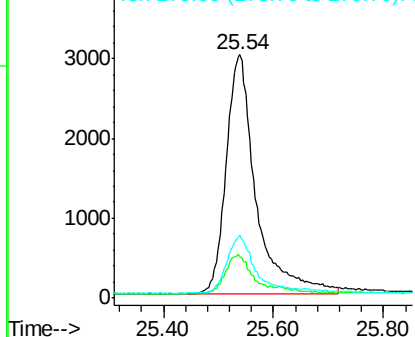
278 100

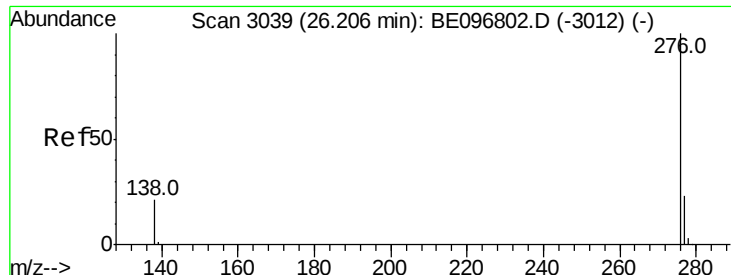
139 17.0 16.0 24.0

279 25.7 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: 0.350 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE096806.D

Acq: 18 Jun 2018 13:17

Instrument :

BNA_E

ClientSampleId :

ICVBE061818

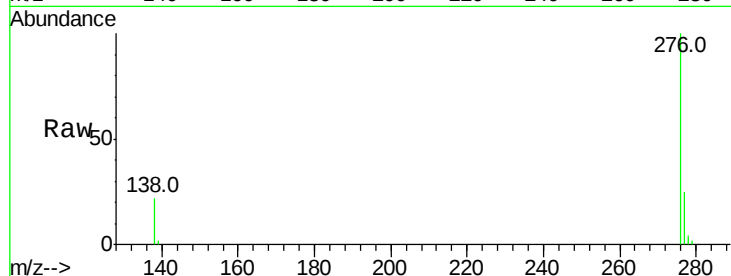
Tot Ion:276 Resp: 12604

Ion Ratio Lower Upper

276 100

277 24.6 16.0 24.0#

138 21.6 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

