

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096936.D
 Acq On : 16 Jul 2018 12:58
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 16:40:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2032	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	10948	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5835	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	13714	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	10401	0.40	ng	0.00
34) Perylene-d12	23.21	264	9332	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	987	0.20	ng	0.00
5) Phenol-d6	6.60	99	1471	0.20	ng	0.00
8) Nitrobenzene-d5	8.53	82	1564	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3261	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	233	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	4500	0.21	ng	0.00
25) Fluoranthene-d10	18.81	212	22541	0.19	ng	0.00
29) Terphenyl-d14	19.43	244	4175	0.21	ng	0.00

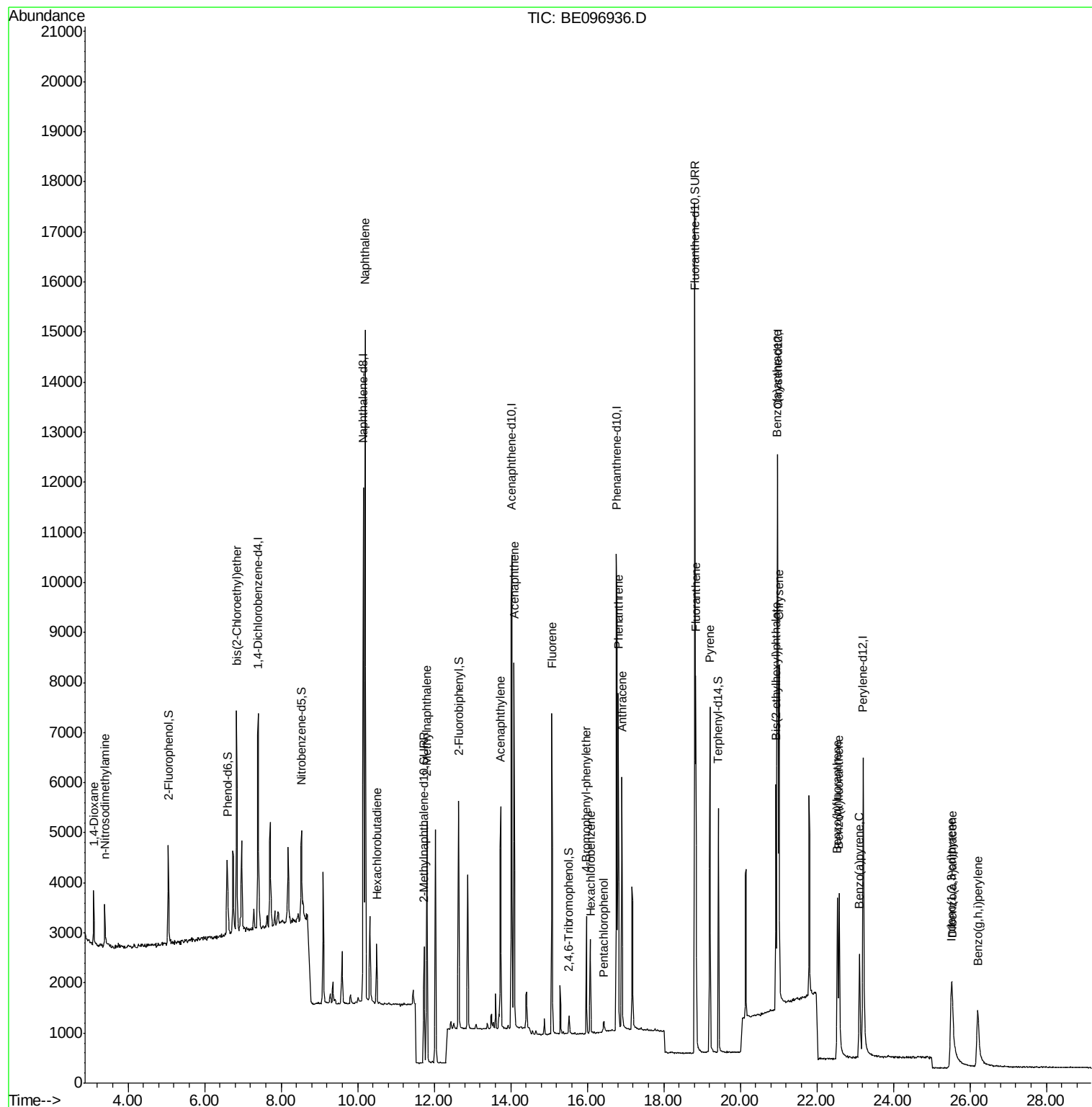
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	610	0.210	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	600	0.183	ng	# 87
6) bis(2-Chloroethyl)ether	6.84	93	1484	0.204	ng	94
9) Naphthalene	10.20	128	20336	0.208	ng	100
10) Hexachlorobutadiene	10.50	225	809	0.204	ng	97
12) 2-Methylnaphthalene	11.81	142	3379	0.203	ng	99
16) Acenaphthylene	13.74	152	5250	0.197	ng	99
17) Acenaphthene	14.08	154	3315	0.200	ng	# 92
18) Fluorene	15.07	166	3602	0.194	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	1276	0.197	ng	# 80
21) Hexachlorobenzene	16.09	284	1493	0.207	ng	# 80
22) Pentachlorophenol	16.44	266	201	0.208	ng	# 84
23) Phenanthrene	16.81	178	6627	0.202	ng	98
24) Anthracene	16.90	178	5370	0.188	ng	96
26) Fluoranthene	18.84	202	6454	0.186	ng	99
28) Pyrene	19.21	202	6357	0.207	ng	99
30) Benzo(a)anthracene	20.97	228	4764	0.192	ng	94
31) Chrysene	21.01	228	5783	0.208	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	4967	0.201	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	3857	0.191	ng	# 66
35) Benzo(b)fluoranthene	22.54	252	4397	0.185	ng	# 91
36) Benzo(k)fluoranthene	22.58	252	5169	0.182	ng	# 92
37) Benzo(a)pyrene	23.12	252	3771	0.240	ng	# 94
38) Dibenzo(a,h)anthracene	25.54	278	2899	0.242	ng	# 91
39) Benzo(g,h,i)perylene	26.21	276	3579	0.185	ng	# 91

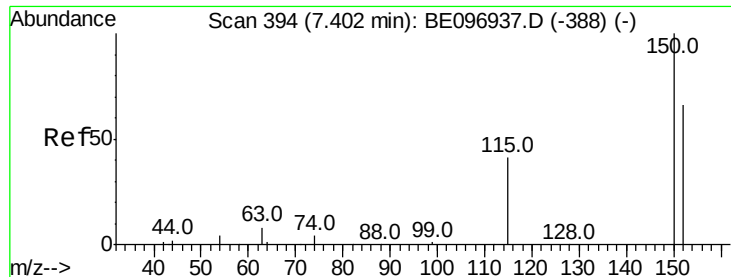
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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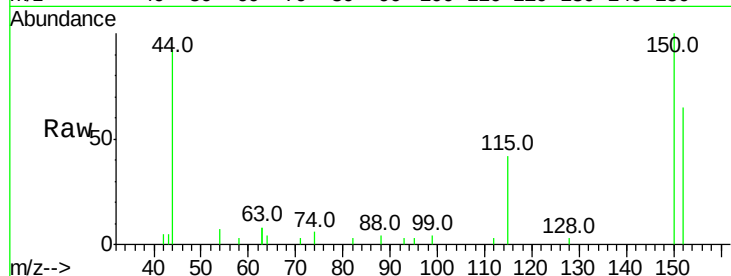


#1

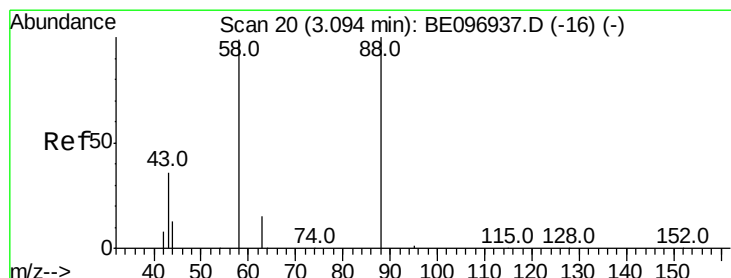
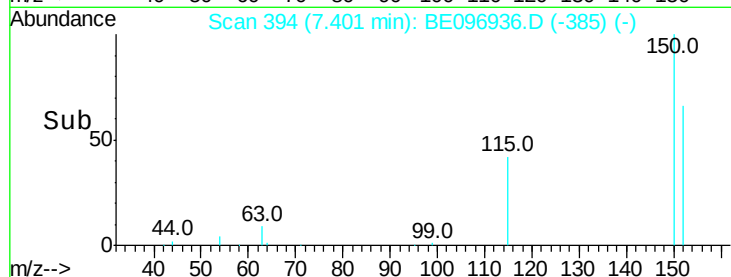
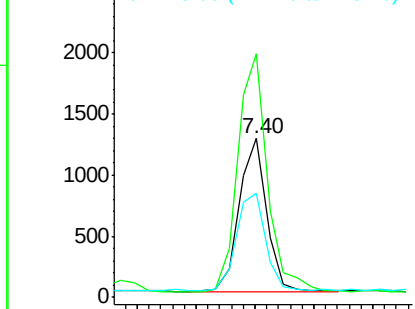
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2032
Ion Ratio Lower Upper
152 100
150 153.4 117.2 175.8
115 65.2 57.0 85.6



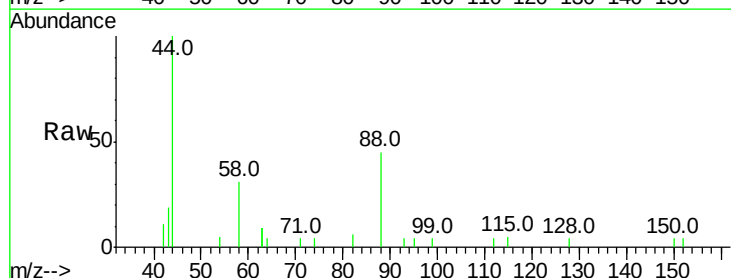
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



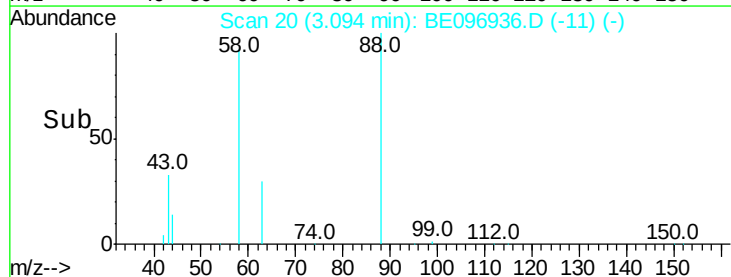
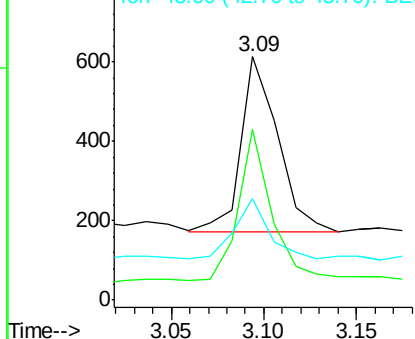
#2

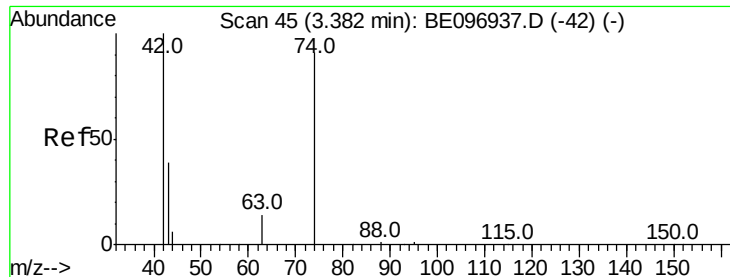
1,4-Dioxane
Concen: 0.210 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

Tgt Ion: 88 Resp: 610
Ion Ratio Lower Upper
88 100
58 80.5 63.2 94.8
43 31.5 41.2 61.8#



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

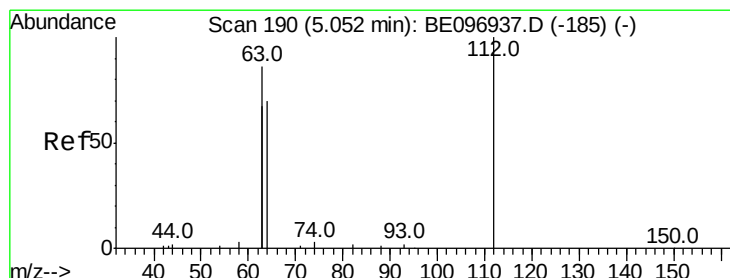
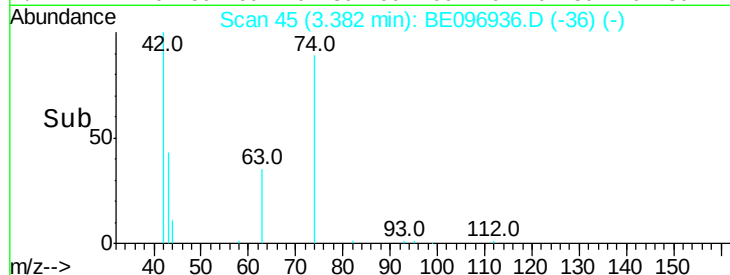
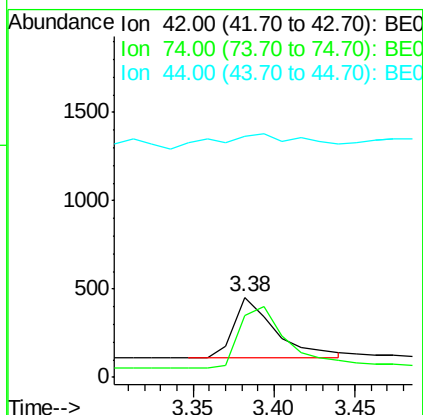
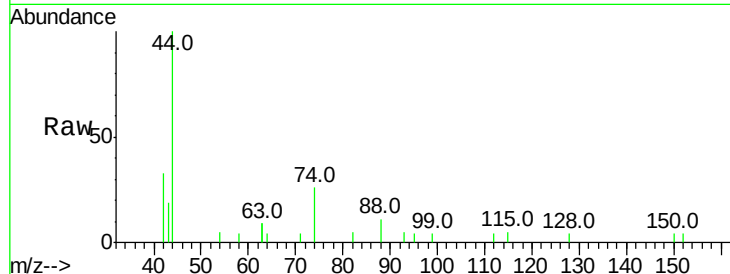




#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

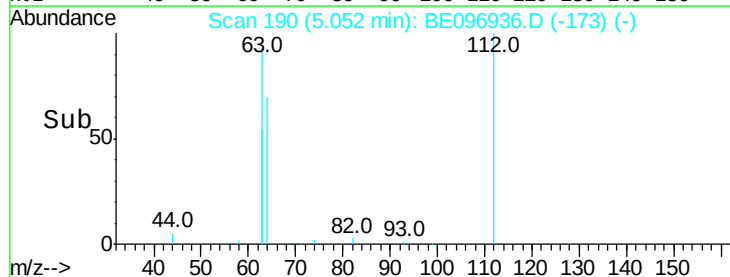
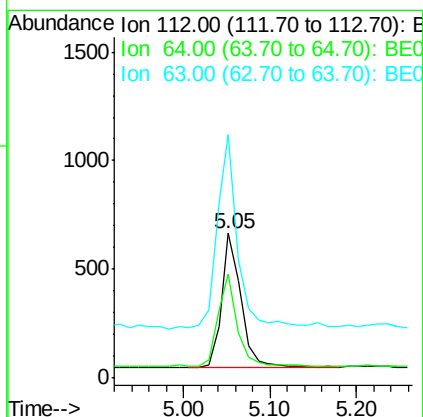
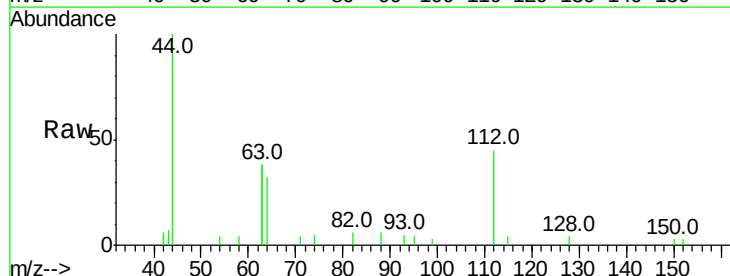
Instrument :
BNA_E
ClientSampleId :

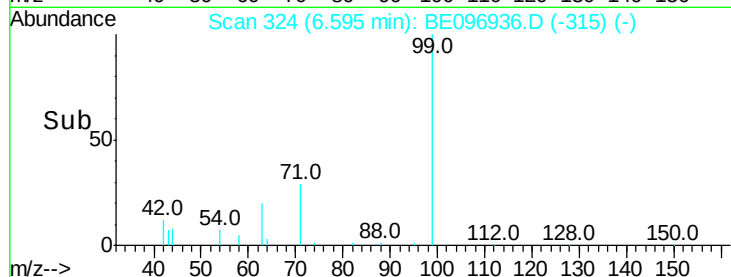
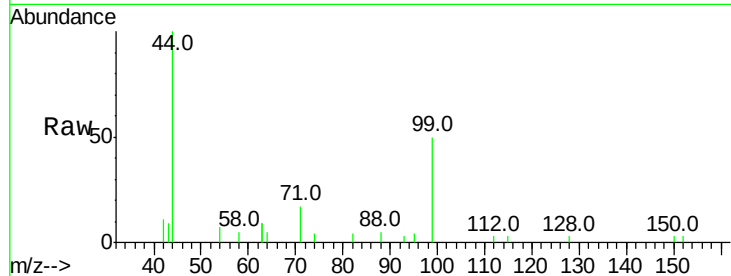
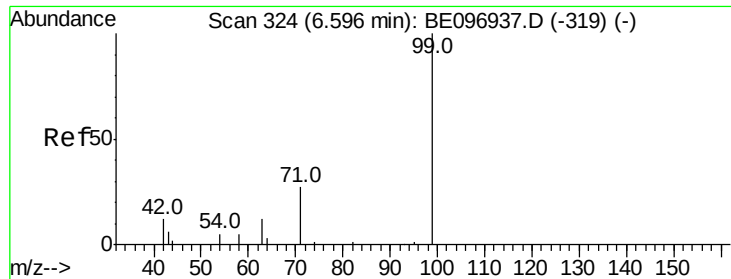
Tot Ion: 42 Resp: 600
Ion Ratio Lower Upper
42 100
74 118.0 96.0 144.0
44 56.7 12.0 18.0#



#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

Tgt Ion: 112 Resp: 987
Ion Ratio Lower Upper
112 100
64 69.9 60.1 90.1
63 147.6 116.8 175.2





#5

Phenol-d6

Concen: 0.198 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

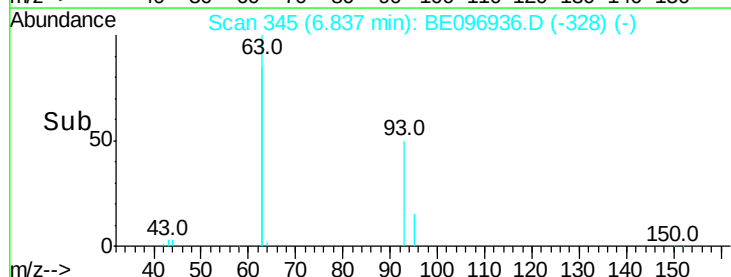
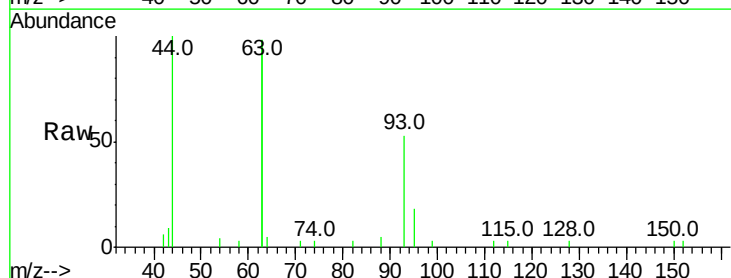
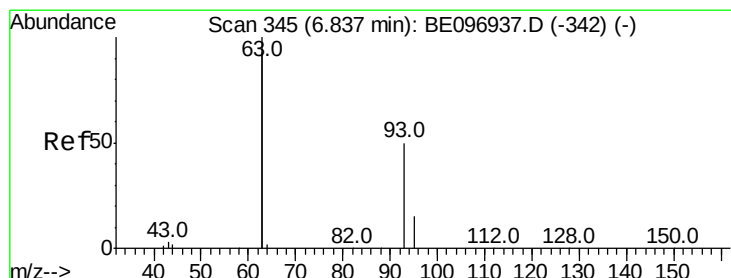
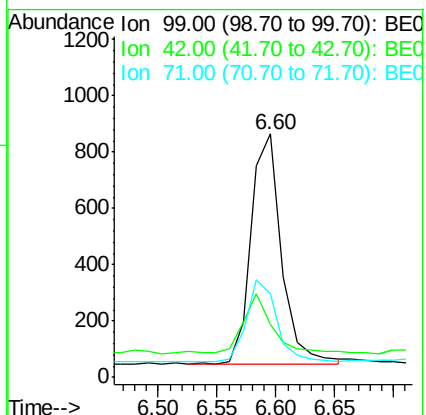
Tot Ion: 99 Resp: 1471

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

71 35.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.204 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

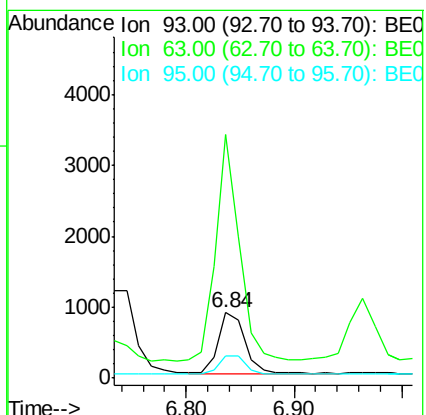
Tgt Ion: 93 Resp: 1484

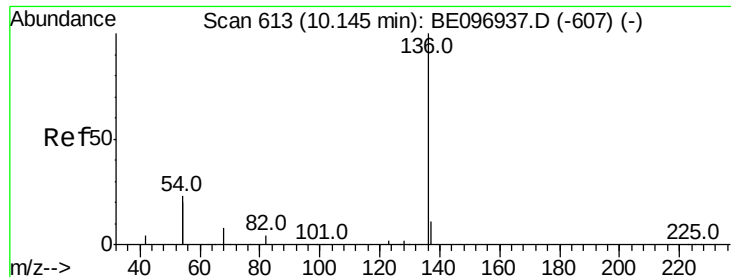
Ion Ratio Lower Upper

93 100

63 330.3 275.3 412.9

95 31.7 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10948

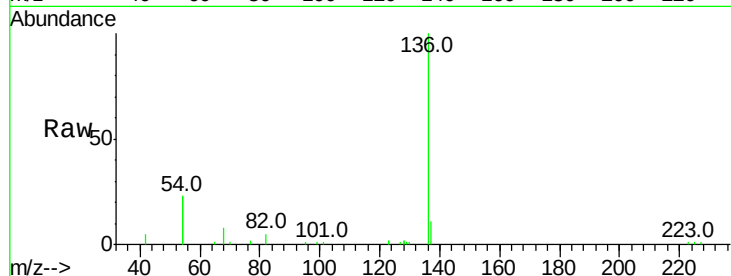
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 45.7 29.1 43.7#

68 8.5 6.2 9.2

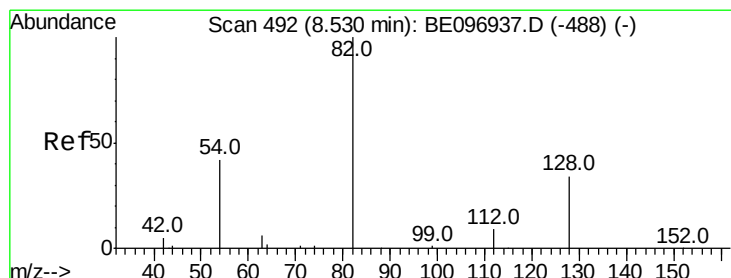
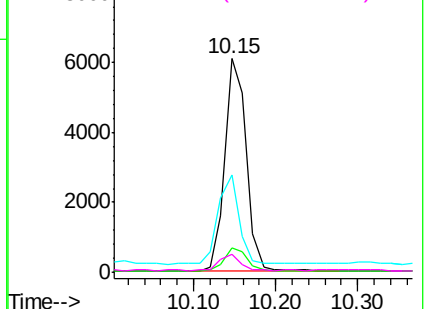
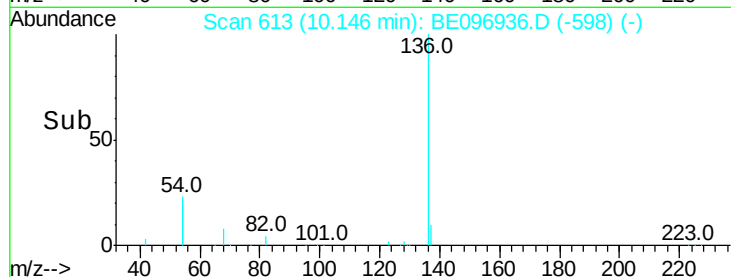


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.196 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

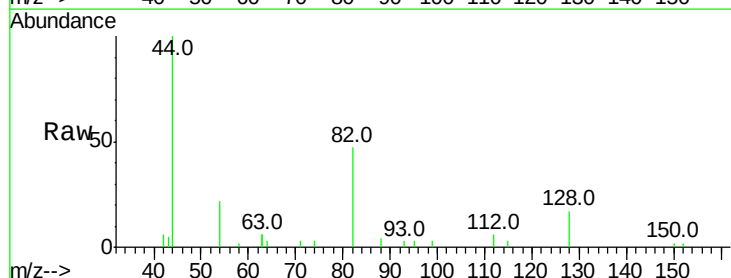
Tgt Ion: 82 Resp: 1564

Ion Ratio Lower Upper

82 100

128 36.5 24.0 36.0#

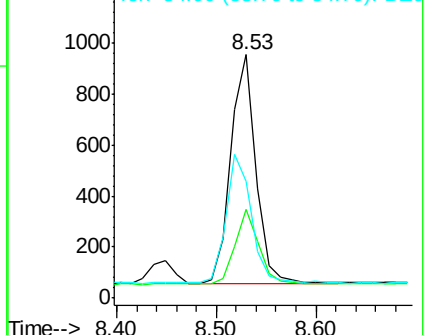
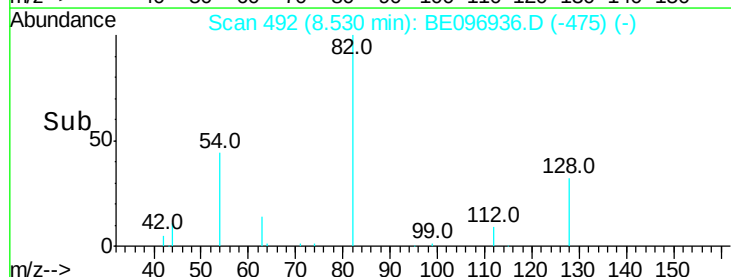
54 47.9 40.0 60.0

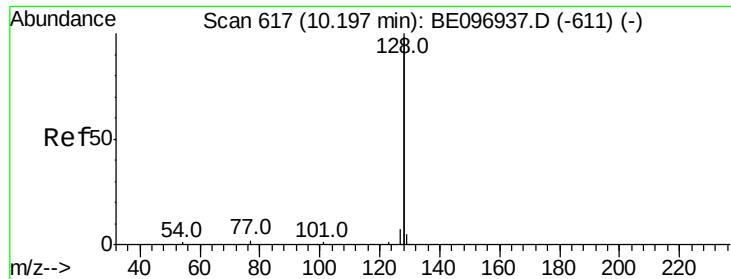


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.208 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

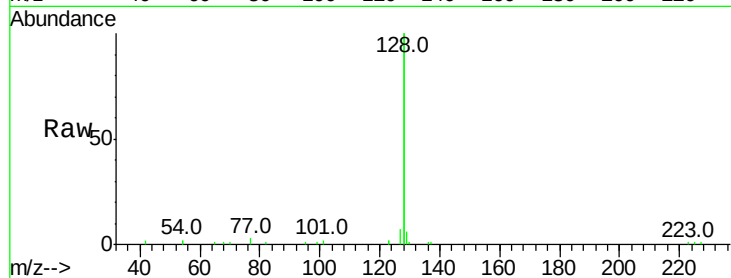
Tot Ion:128 Resp: 20336

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

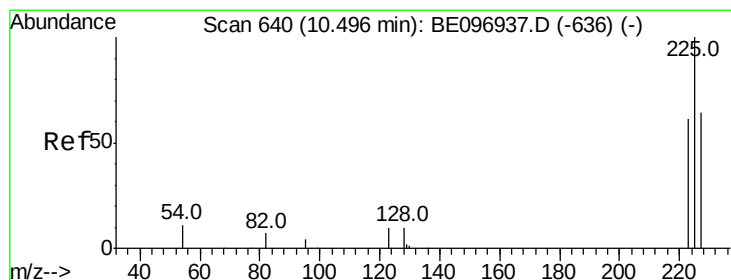
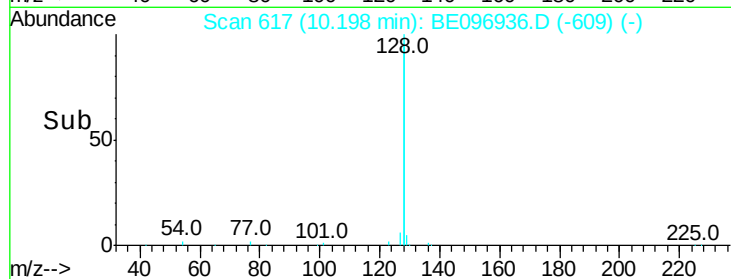
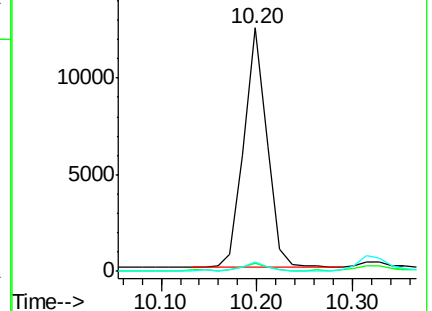
127 3.6 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.204 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

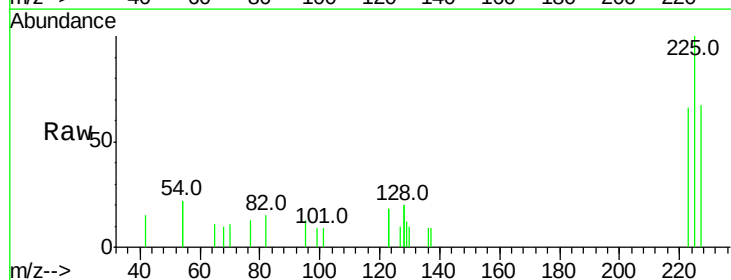
Tgt Ion:225 Resp: 809

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

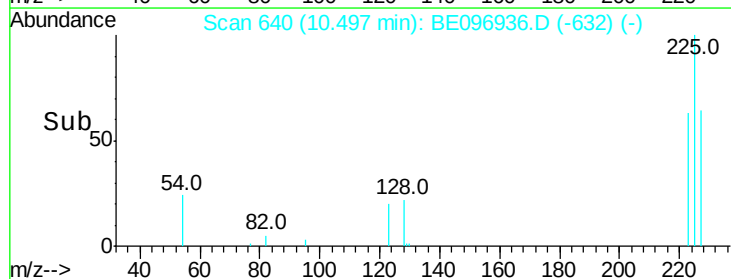
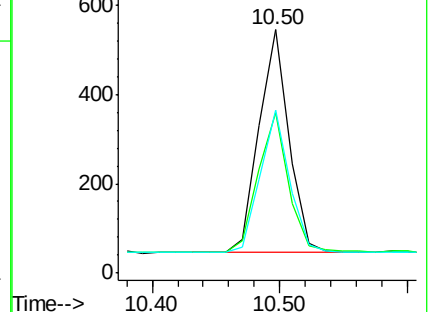
227 62.7 51.4 77.2

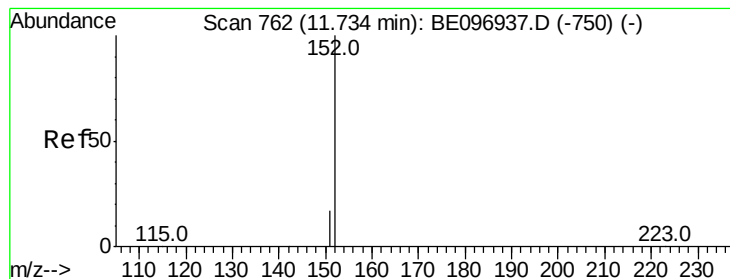


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.204 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

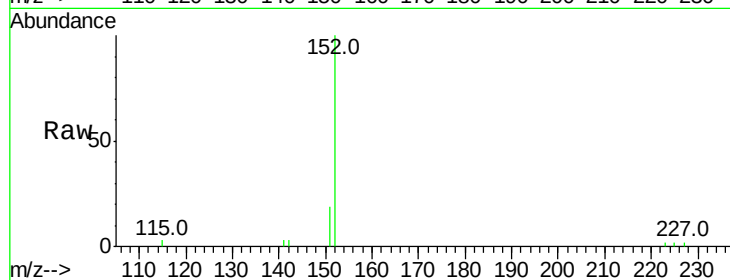
ClientSampleId :

Tot Ion:152 Resp: 3261

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

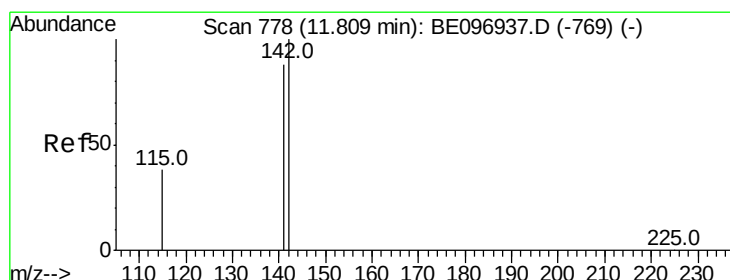
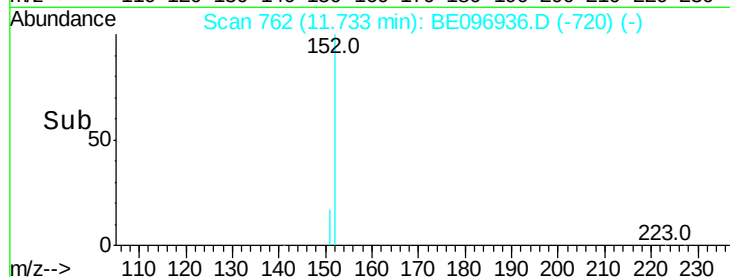
1500

1000

500

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.203 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

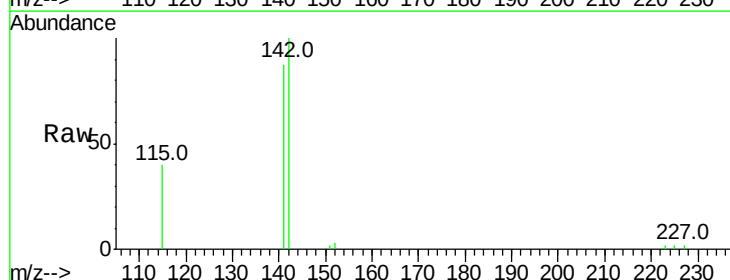
Tgt Ion:142 Resp: 3379

Ion Ratio Lower Upper

142 100

141 87.0 70.4 105.6

115 39.6 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

3000

2500

2000

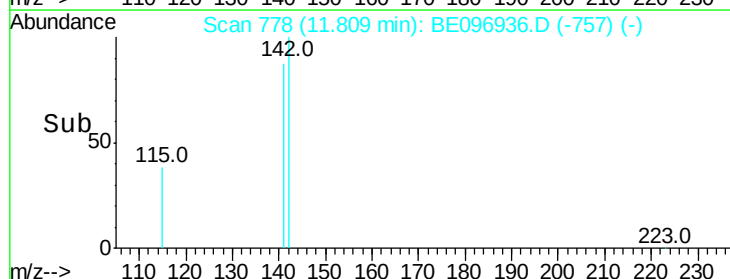
1500

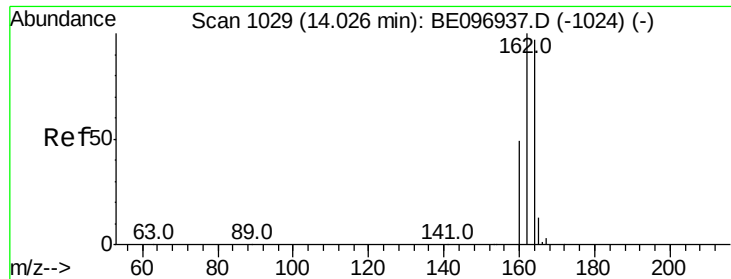
1000

500

0

Time--> 11.70 11.80 11.90

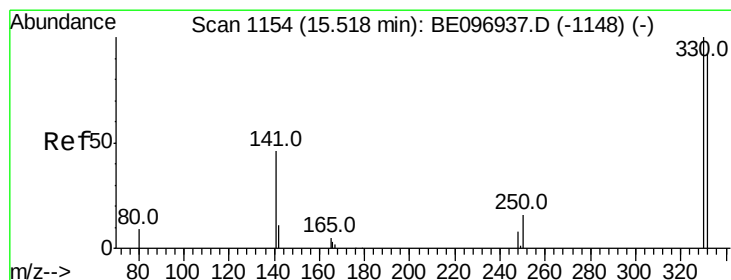
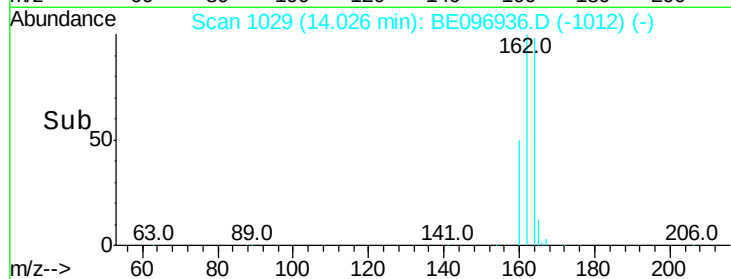
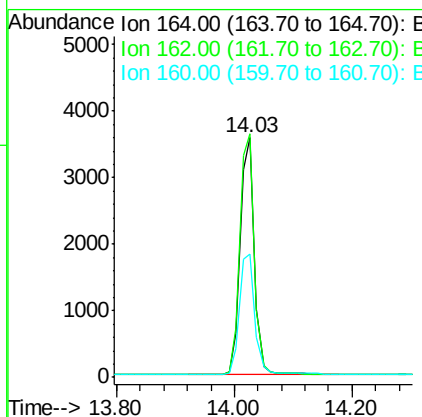
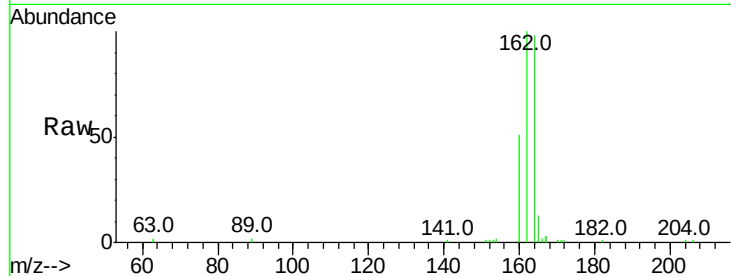




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BE096936.D
 Acq: 16 Jul 2018 12:58

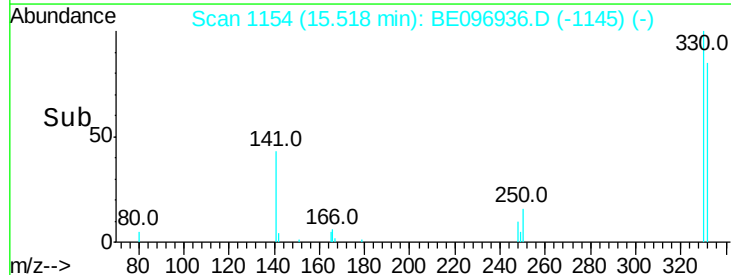
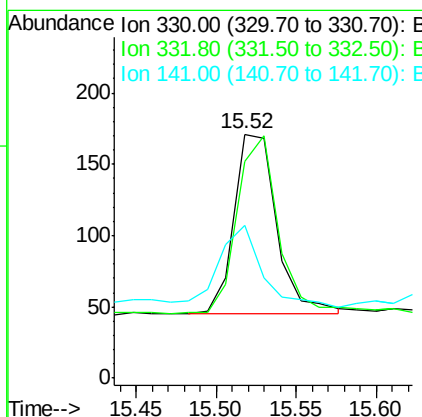
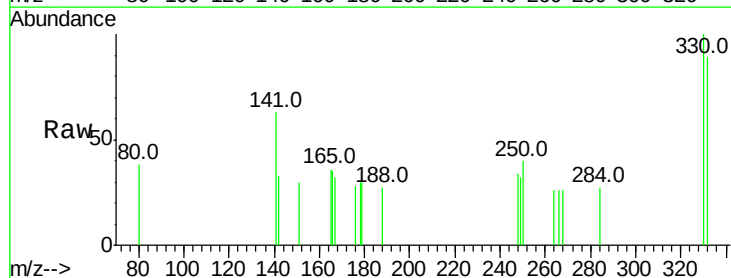
Instrument :
 BNA_E
 ClientSampleId :

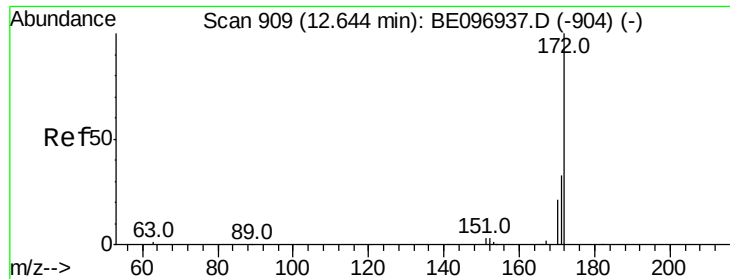
Tot Ion:164 Resp: 5835
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.1 124.7
 160 51.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.216 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE096936.D
 Acq: 16 Jul 2018 12:58

Tgt Ion:330 Resp: 233
 Ion Ratio Lower Upper
 330 100
 332 94.4 152.7 229.1#
 141 45.5 33.7 50.5

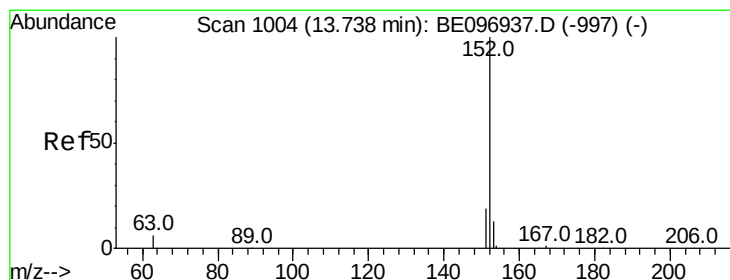
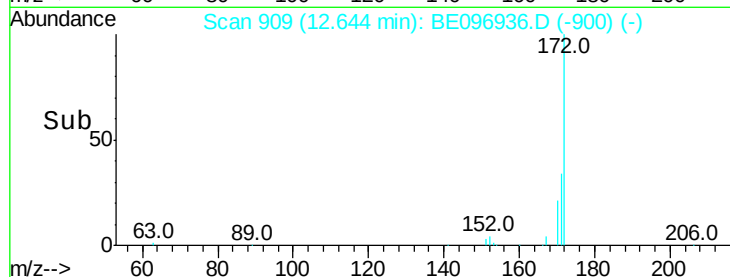
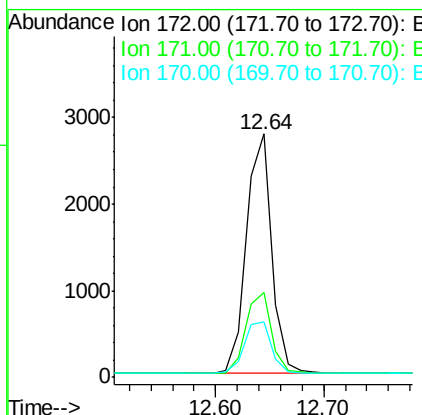
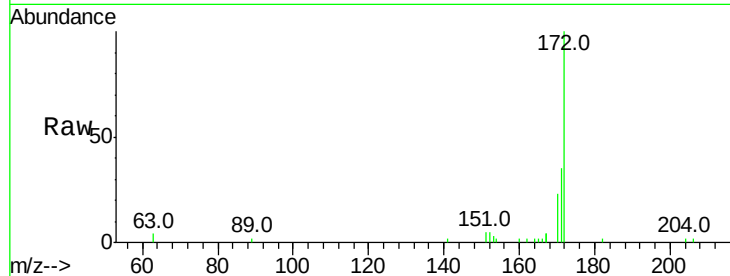




#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 12.64 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

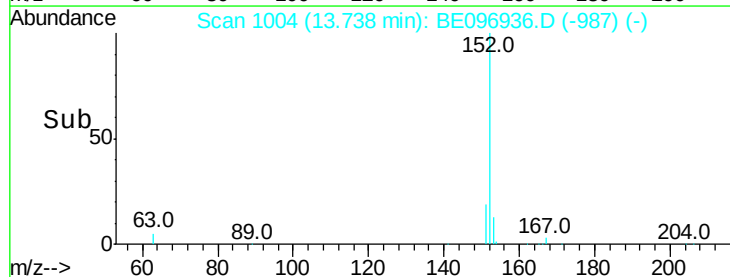
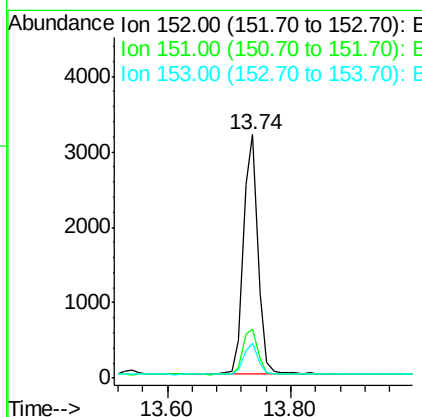
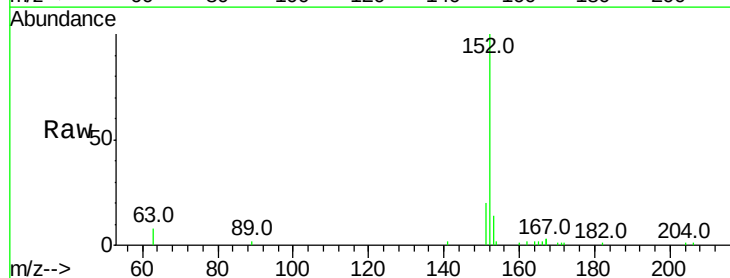
Instrument :
BNA_E
ClientSampleId :

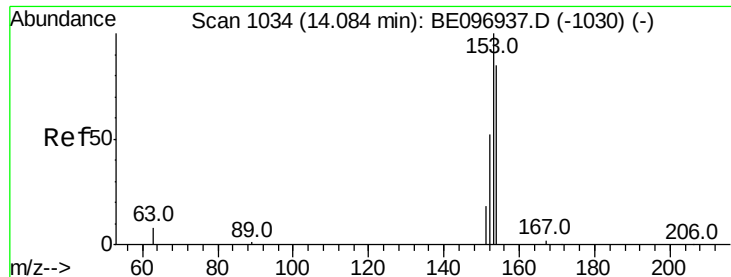
Tot Ion:172 Resp: 4500
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 22.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.197 ng
RT: 13.74 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

Tgt Ion:152 Resp: 5250
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.7 10.5 15.7

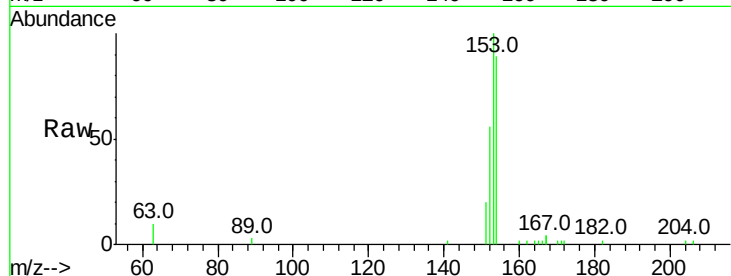




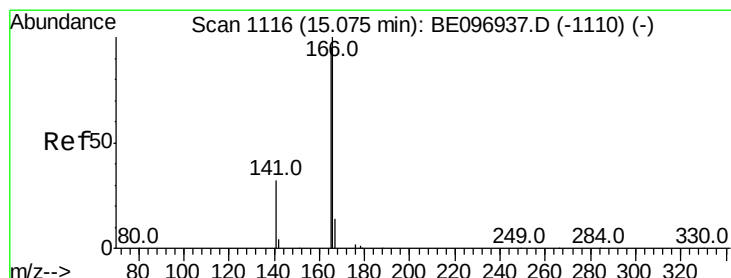
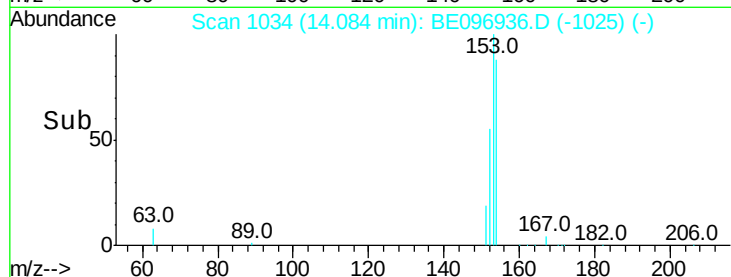
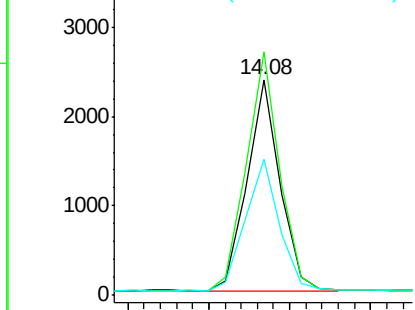
#17
Acenaphthene
Concen: 0.200 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3315
Ion Ratio Lower Upper
154 100
153 115.3 89.2 133.8
152 64.3 42.0 63.0#

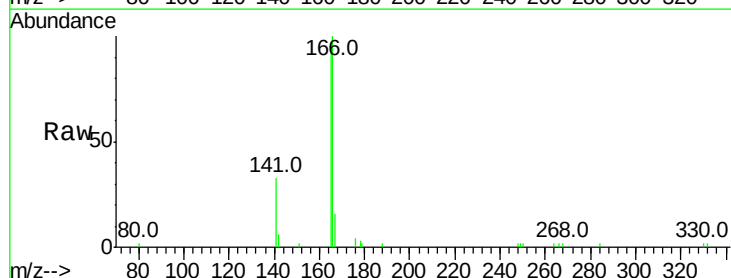


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

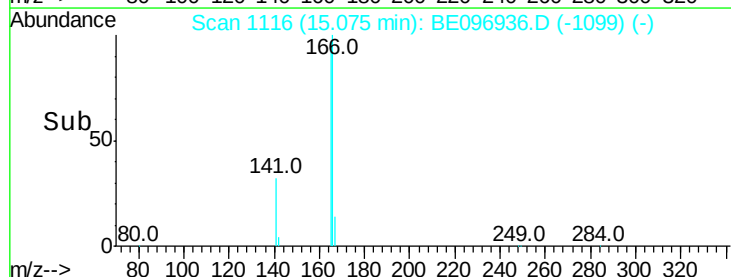
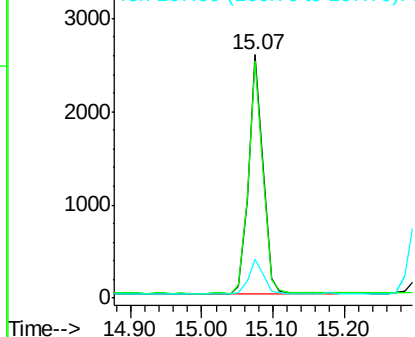


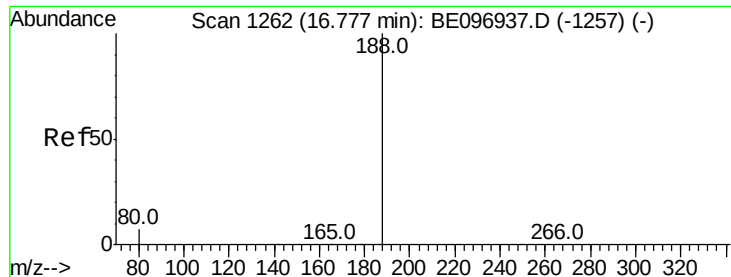
#18
Fluorene
Concen: 0.194 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

Tgt Ion:166 Resp: 3602
Ion Ratio Lower Upper
166 100
165 98.0 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: 16.76 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampled :

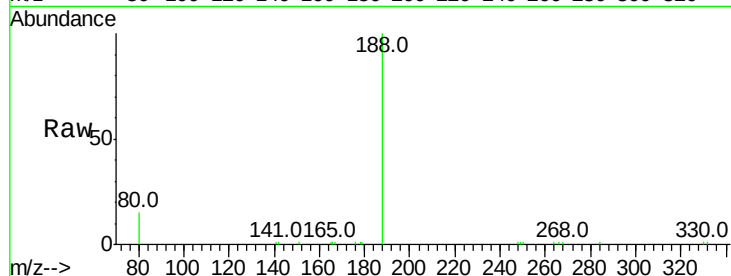
Tot Ion:188 Resp: 13714

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

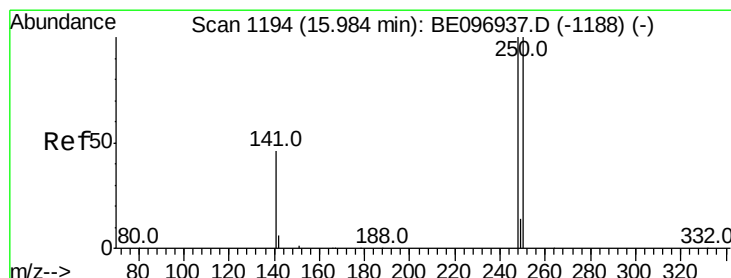
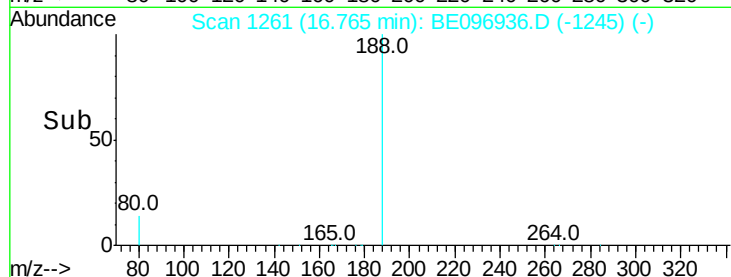
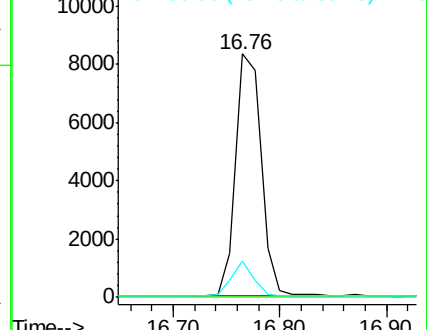
80 14.7 3.6 5.4#



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: 0.197 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

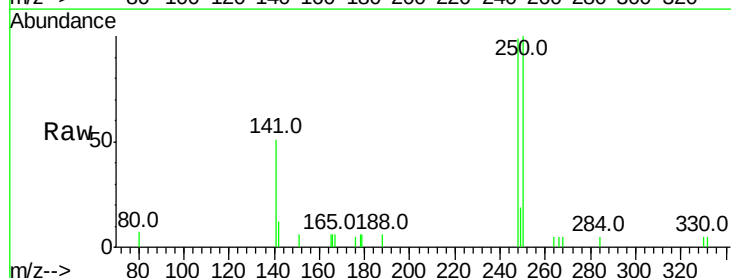
Tgt Ion:248 Resp: 1276

Ion Ratio Lower Upper

248 100

250 101.4 62.7 94.1#

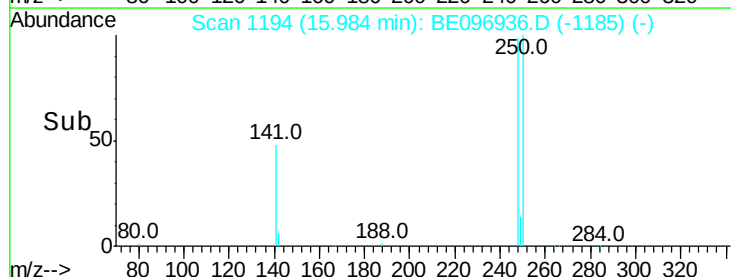
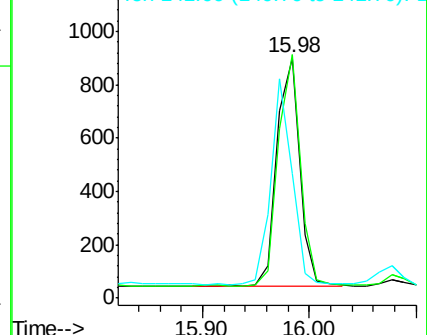
141 51.8 48.2 72.2

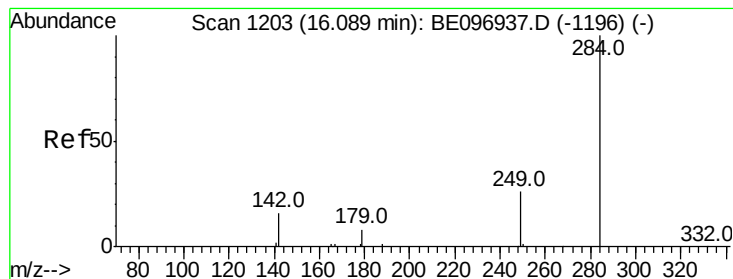


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.207 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

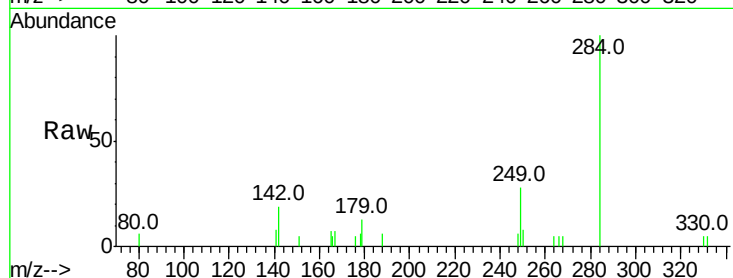
Tot Ion:284 Resp: 1493

Ion Ratio Lower Upper

284 100

142 37.8 22.1 33.1#

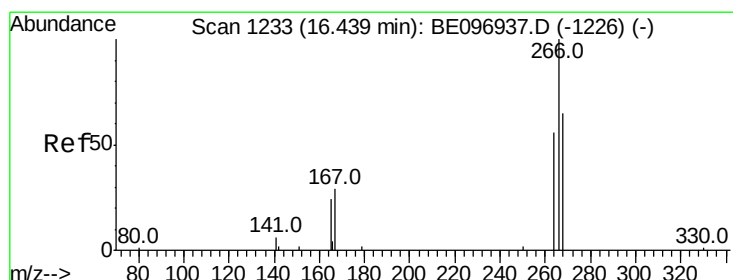
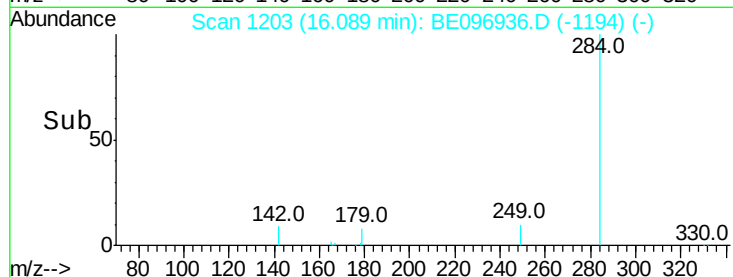
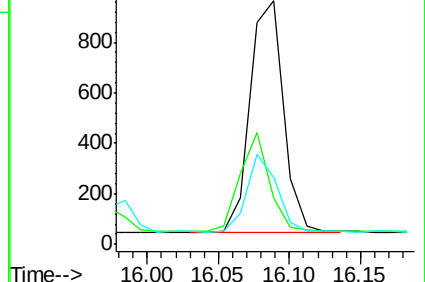
249 30.7 34.8 52.2#



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: 0.208 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

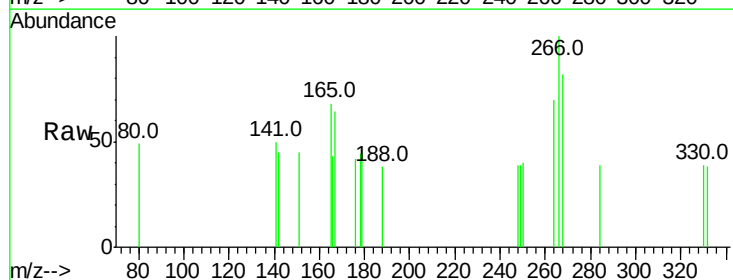
Tgt Ion:266 Resp: 201

Ion Ratio Lower Upper

266 100

264 70.2 72.5 108.7#

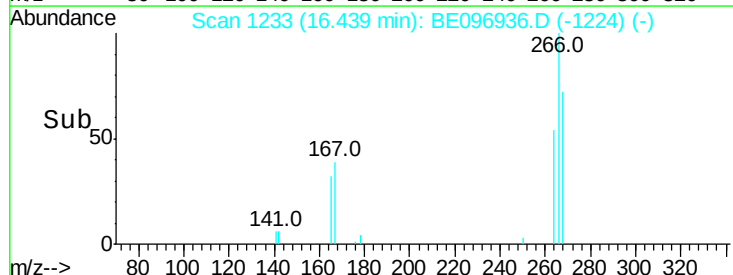
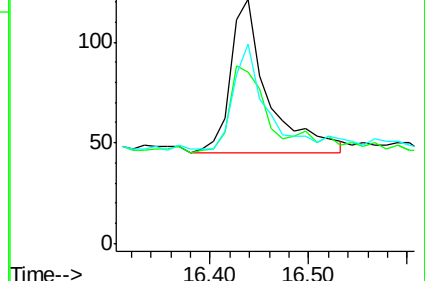
268 81.8 73.8 110.6

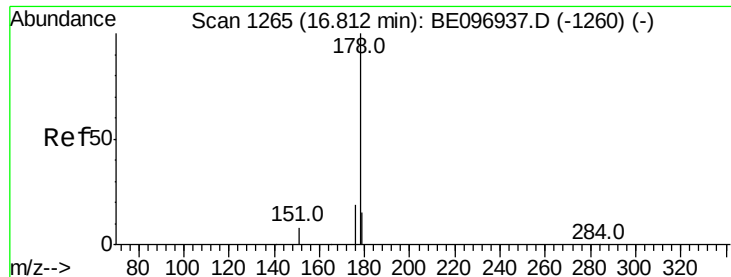


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.202 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

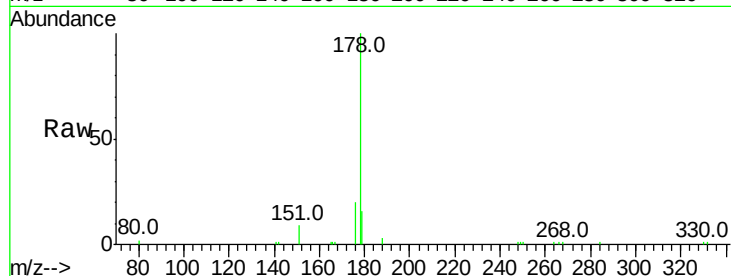
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 6627

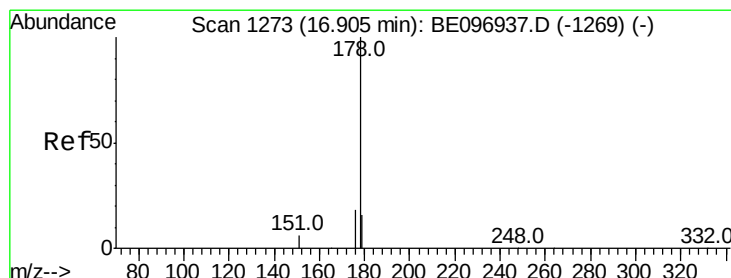
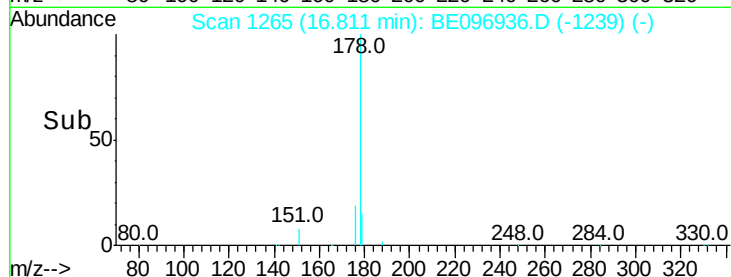
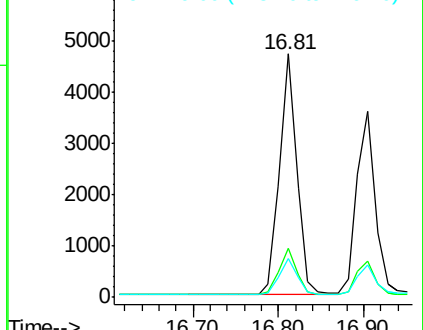
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.4	11.8	17.6



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: 0.188 ng

RT: 16.90 min Scan# 1273

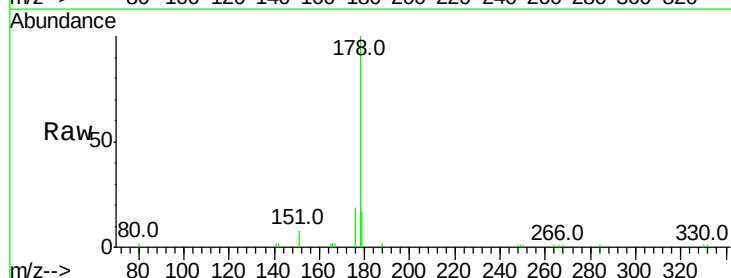
Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Tgt Ion:178 Resp: 5370

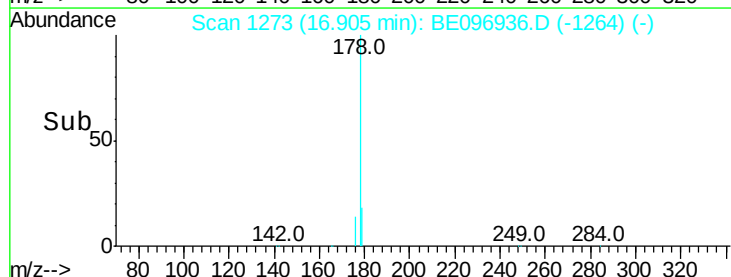
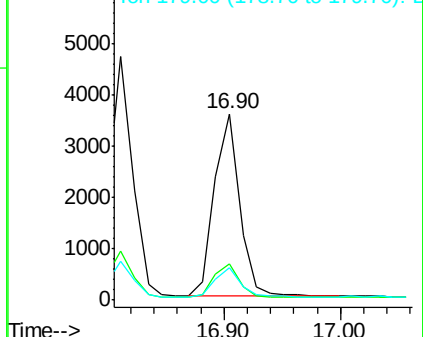
Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	15.6	13.0	19.6

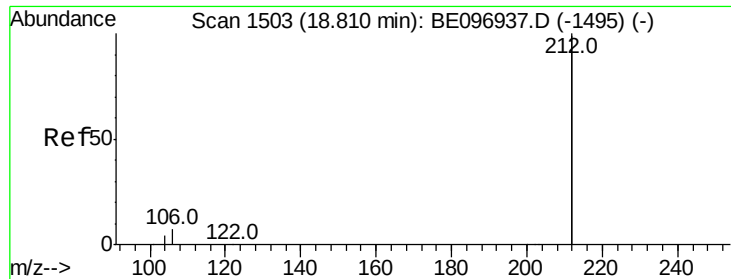


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.189 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

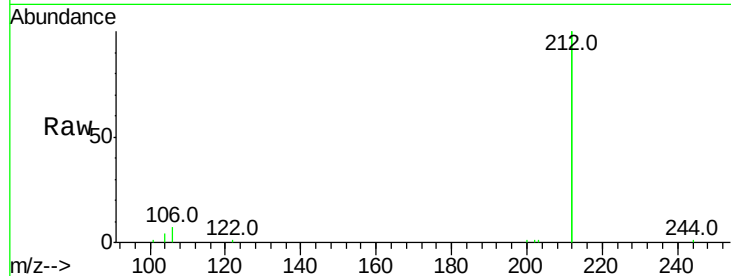
Tot Ion:212 Resp: 22541

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

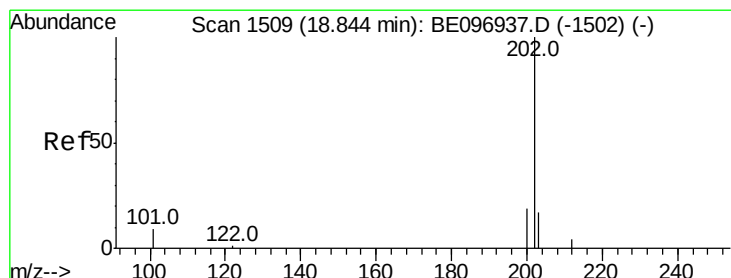
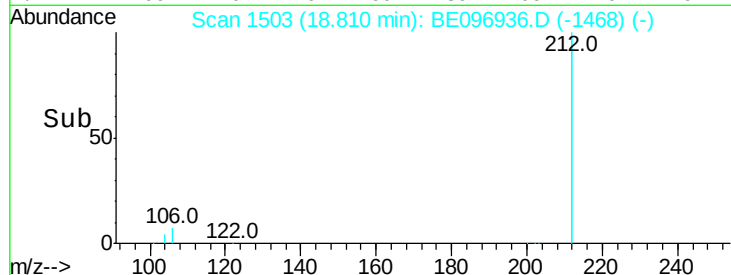
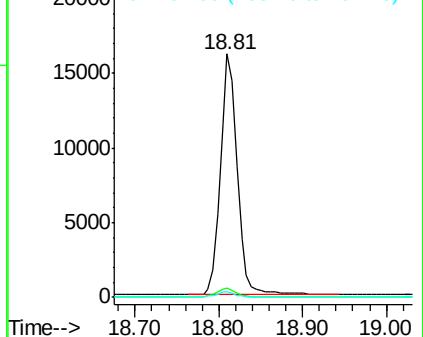
104 1.9 1.6 2.4



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: 0.186 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

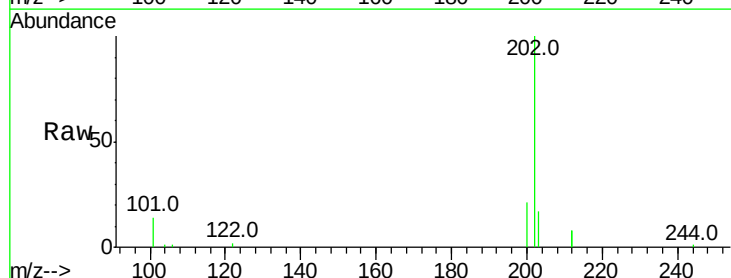
Tgt Ion:202 Resp: 6454

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

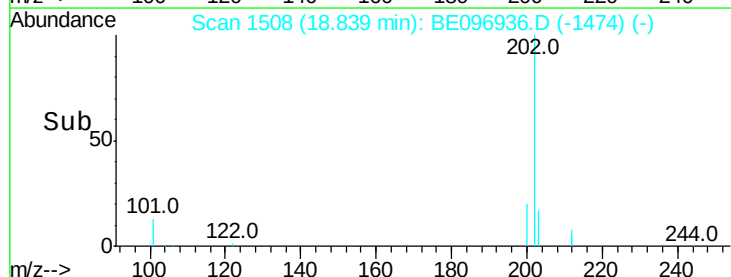
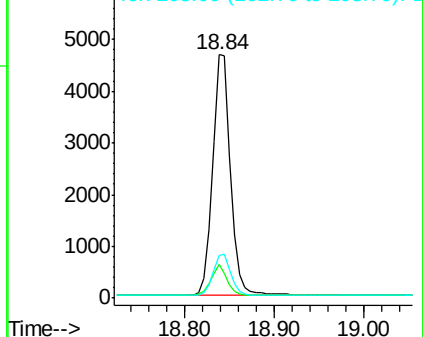
203 17.0 13.7 20.5

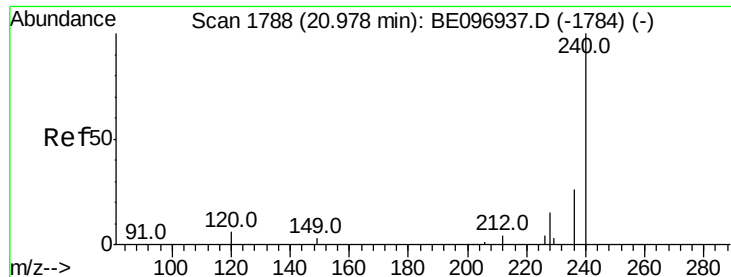


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

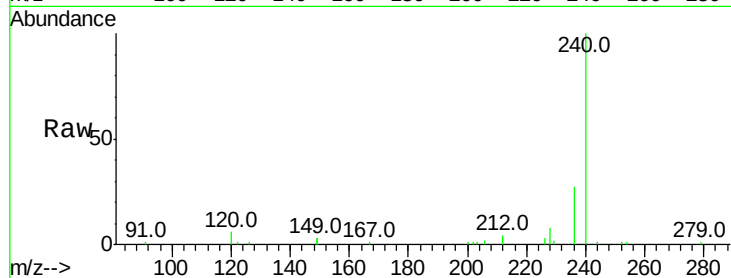
Tot Ion:240 Resp: 10401

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

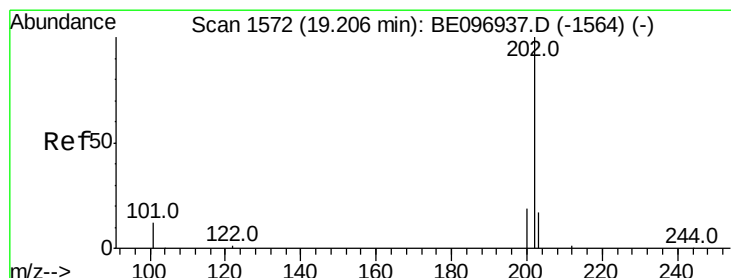
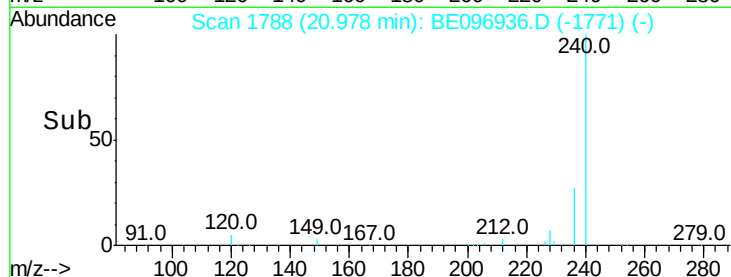
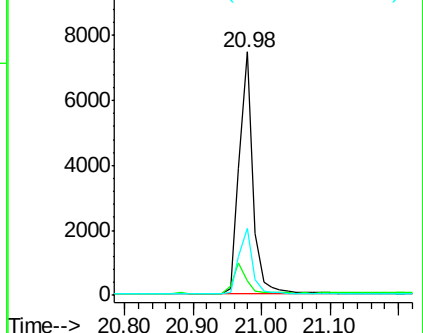
236 27.2 20.7 31.1



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: 0.207 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

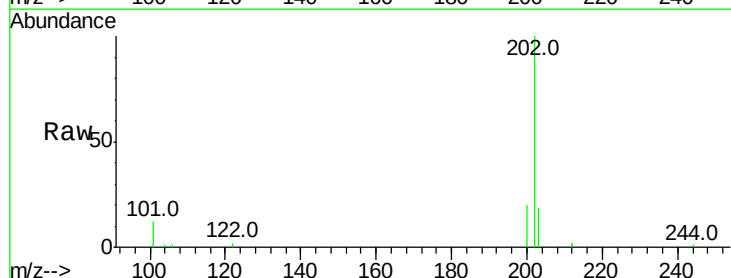
Tgt Ion:202 Resp: 6357

Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

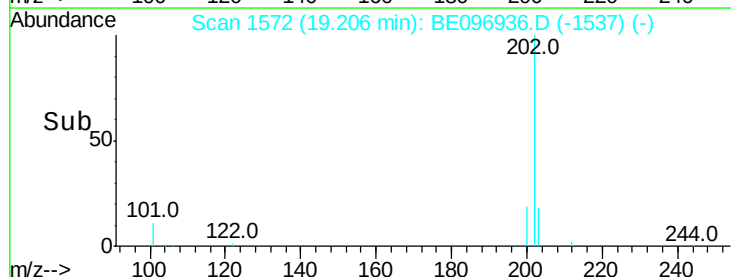
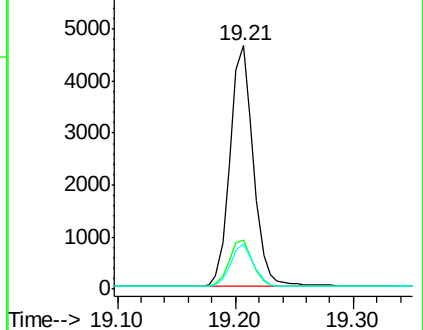
203 17.3 13.8 20.8

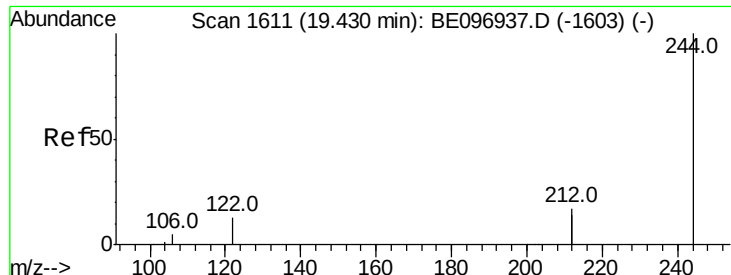


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

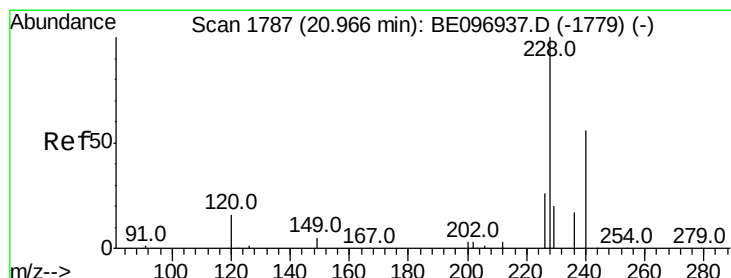
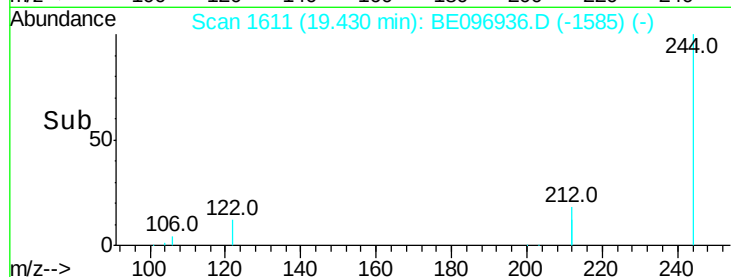
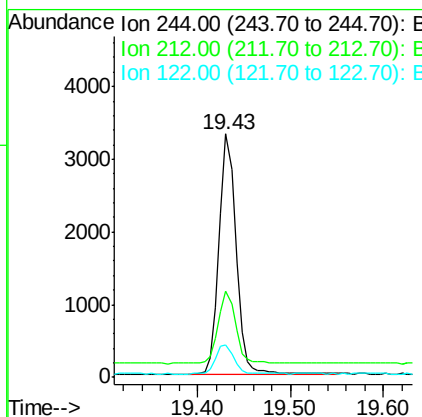
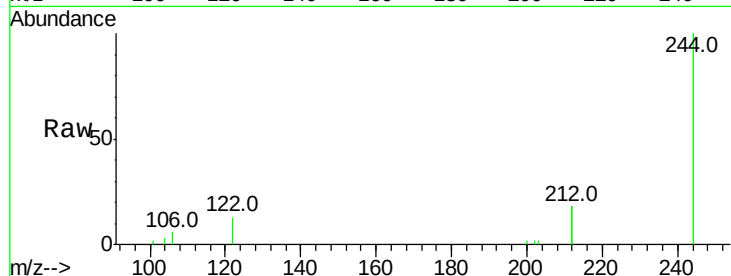




#29
 Terphenyl-d14
 Concen: 0.208 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE096936.D
 Acq: 16 Jul 2018 12:58

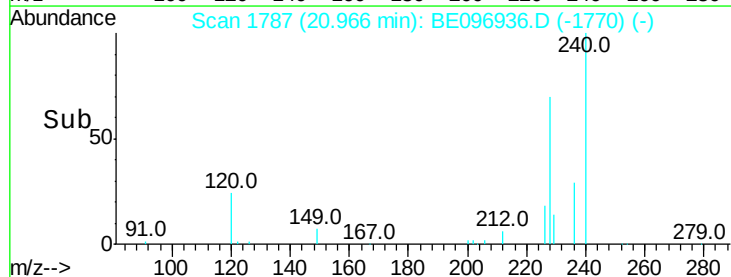
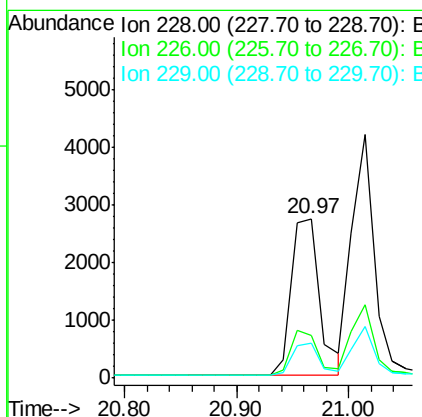
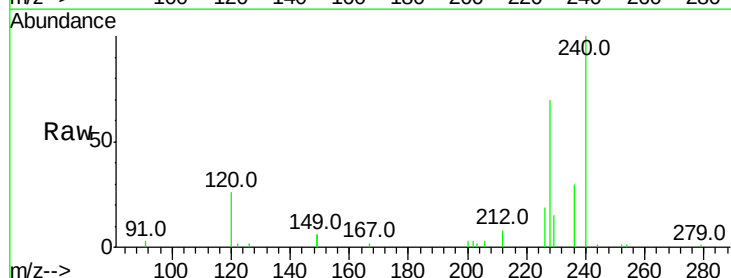
Instrument :
 BNA_E
 ClientSampleId :

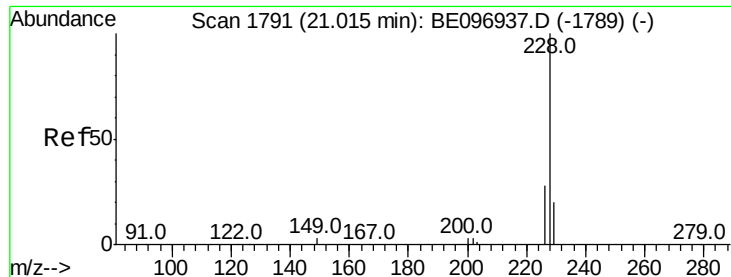
Tot Ion:244 Resp: 4175
 Ion Ratio Lower Upper
 244 100
 212 35.4 25.4 38.0
 122 13.4 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.192 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE096936.D
 Acq: 16 Jul 2018 12:58

Tgt Ion:228 Resp: 4764
 Ion Ratio Lower Upper
 228 100
 226 26.6 24.0 36.0
 229 22.1 16.0 24.0





#31

Chrysene

Concen: 0.208 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

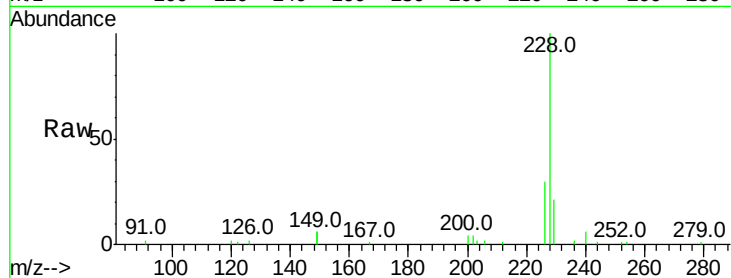
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 5783

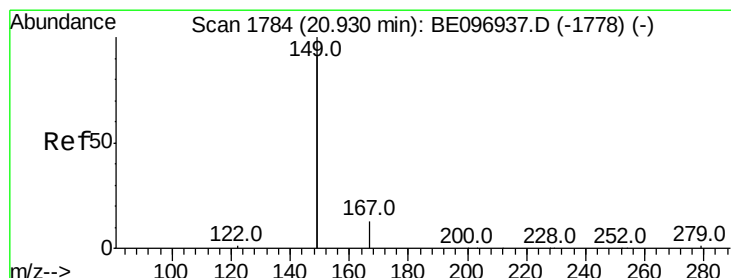
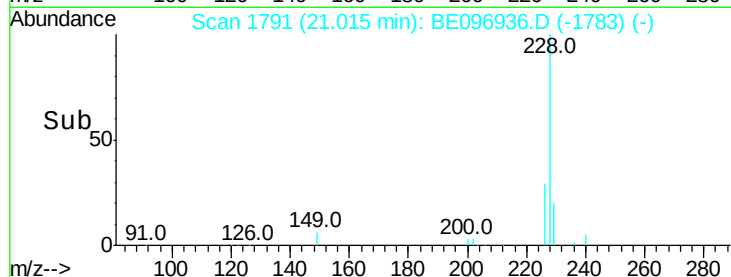
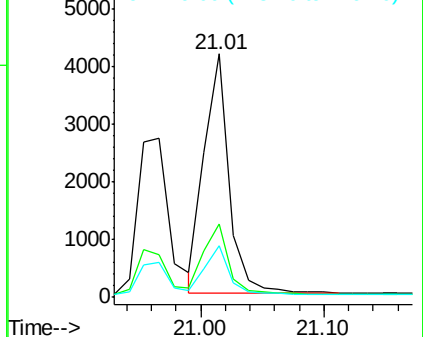
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.0	16.0	24.0



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: 0.201 ng

RT: 20.93 min Scan# 1784

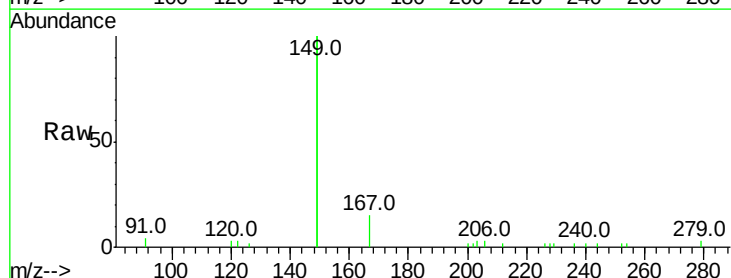
Delta R.T. -0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Tgt Ion:149 Resp: 4967

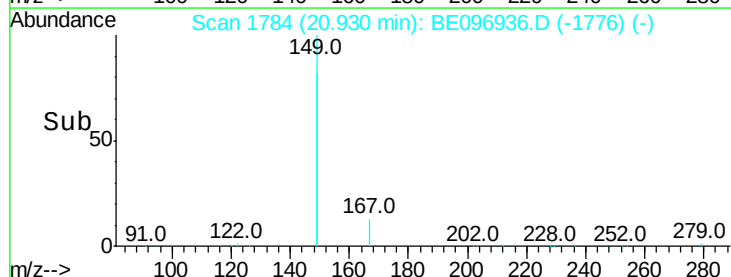
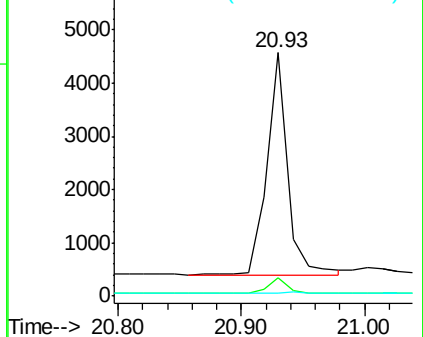
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1

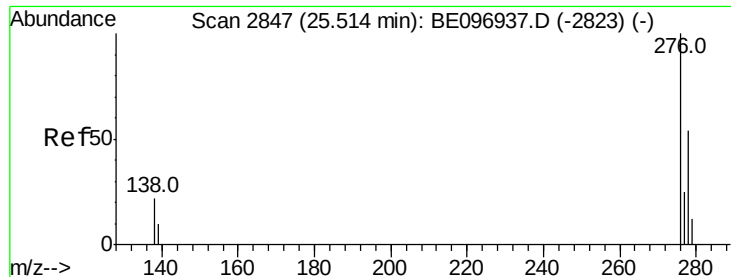


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

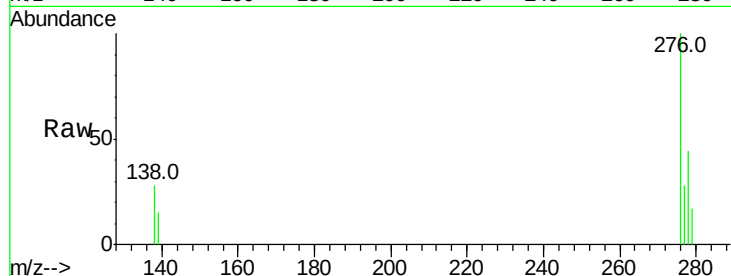




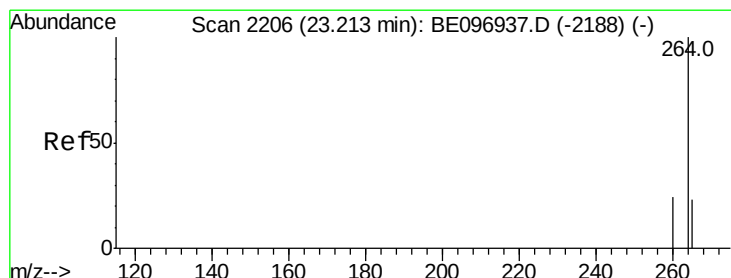
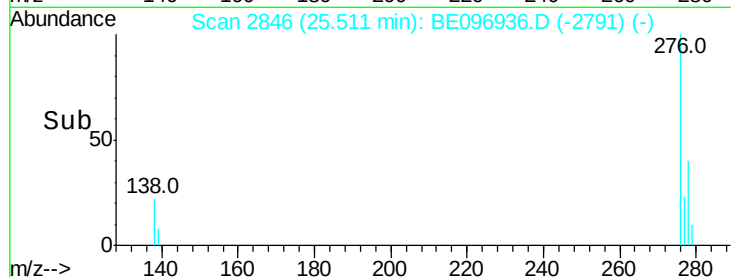
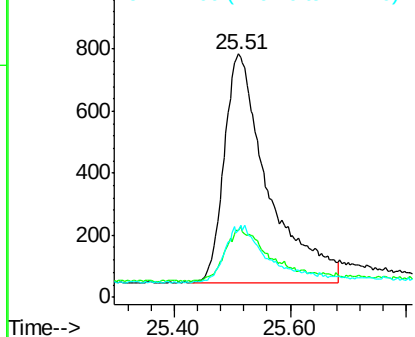
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.191 ng
 RT: 25.51 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BE096936.D
 Acq: 16 Jul 2018 12:58

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:276 Resp: 3857
 Ion Ratio Lower Upper
 276 100
 138 11.4 22.5 33.7#
 277 7.1 19.9 29.9#

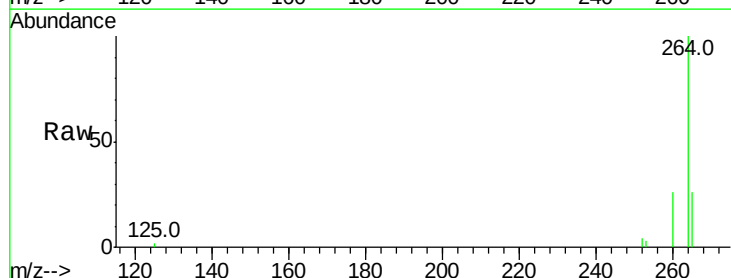


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

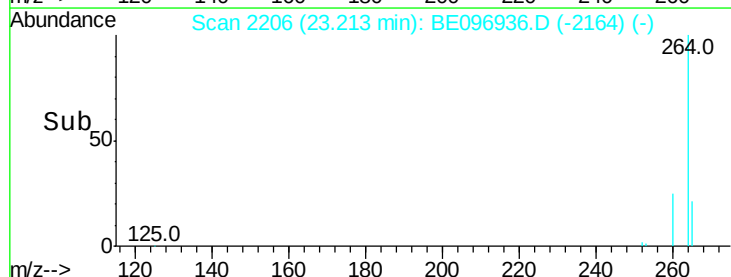
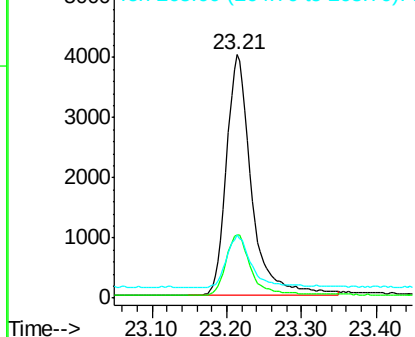


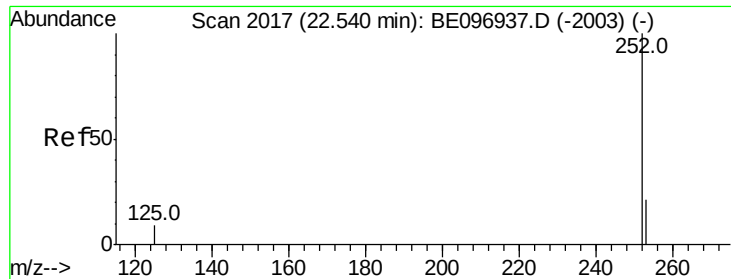
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE096936.D
 Acq: 16 Jul 2018 12:58

Tgt Ion:264 Resp: 9332
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 25.9 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

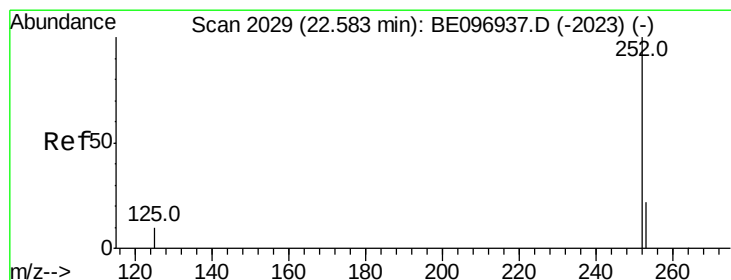
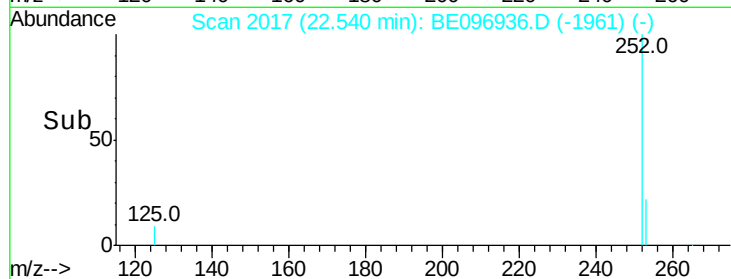
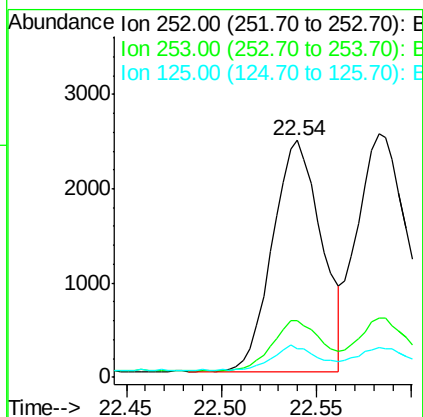
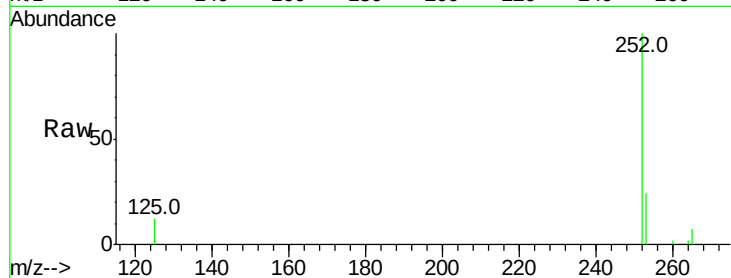




#35
Benzo(b)fluoranthene
Concen: 0.185 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

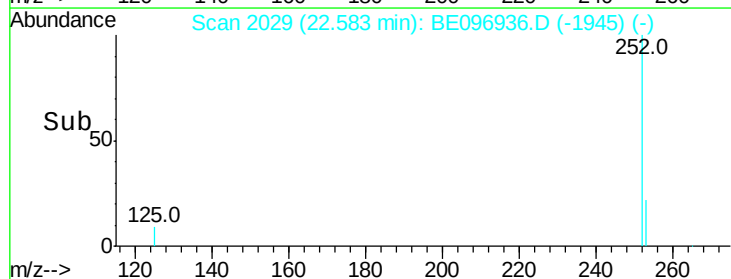
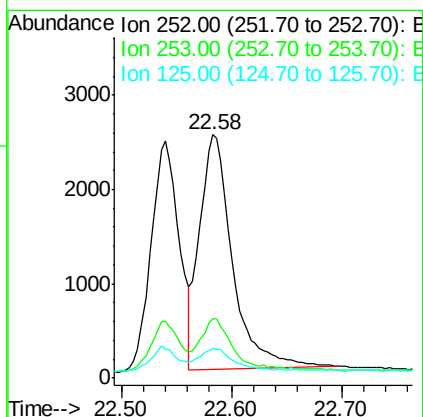
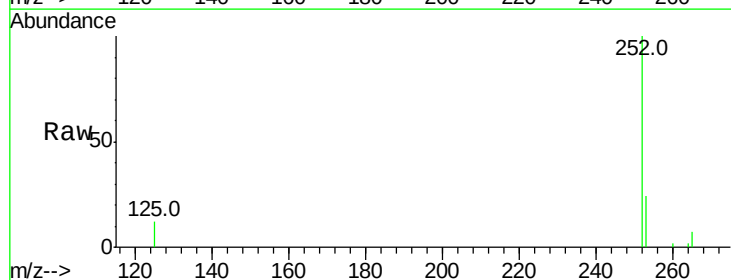
Instrument :
BNA_E
ClientSampleId :

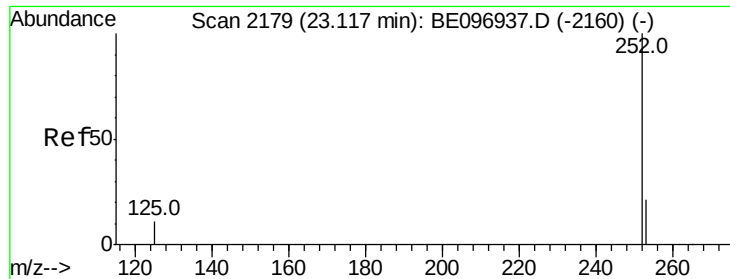
Tot Ion:252 Resp: 4397
Ion Ratio Lower Upper
252 100
253 24.0 20.0 30.0
125 12.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.182 ng
RT: 22.58 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BE096936.D
Acq: 16 Jul 2018 12:58

Tgt Ion:252 Resp: 5169
Ion Ratio Lower Upper
252 100
253 24.2 16.0 24.0#
125 12.1 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.240 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

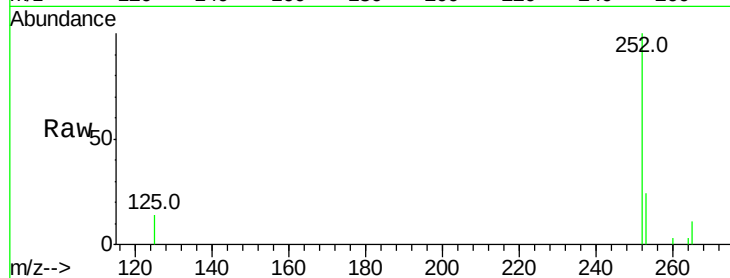
Tot Ion:252 Resp: 3771

Ion Ratio Lower Upper

252 100

253 24.3 16.0 24.0#

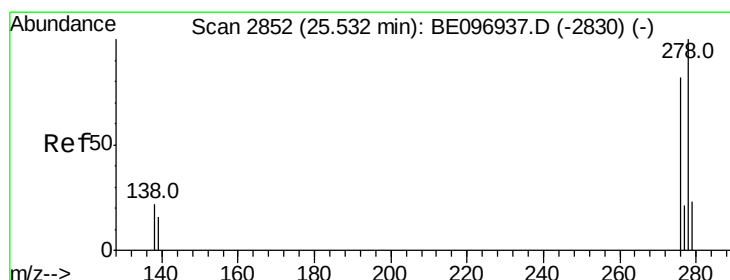
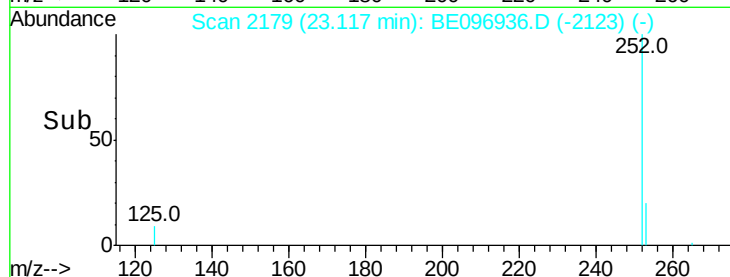
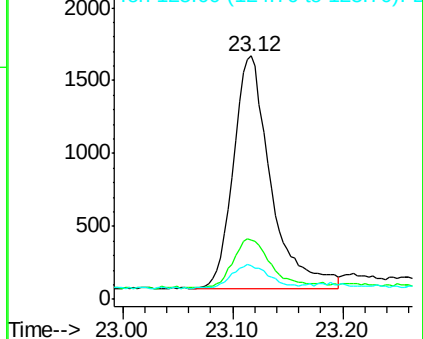
125 14.0 12.0 18.0



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: 0.242 ng

RT: 25.54 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

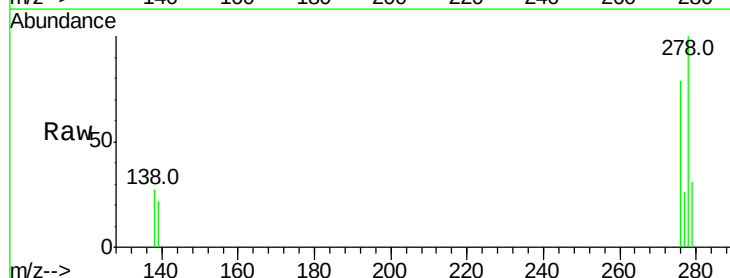
Tgt Ion:278 Resp: 2899

Ion Ratio Lower Upper

278 100

139 22.5 16.0 24.0

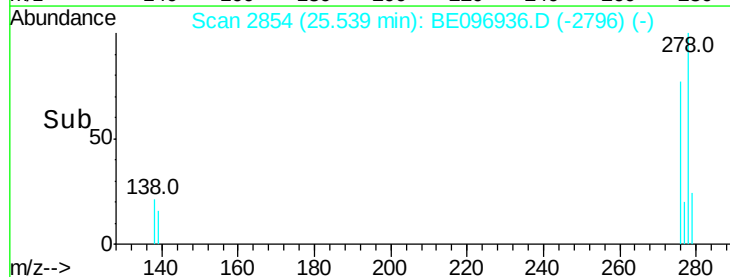
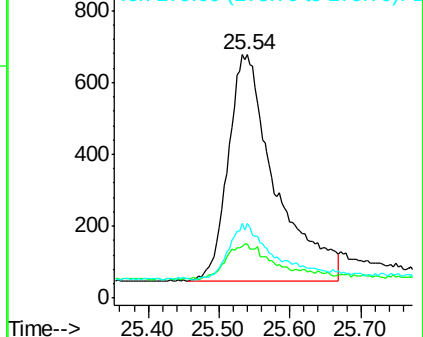
279 30.7 20.0 30.0#

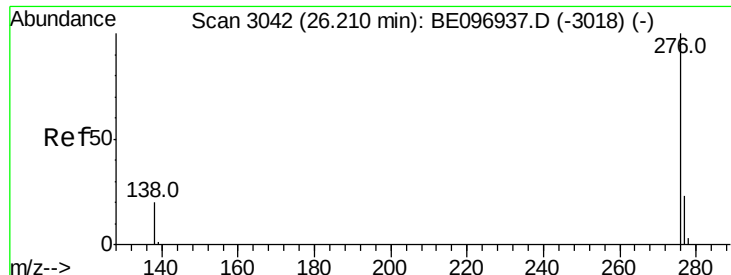


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.185 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

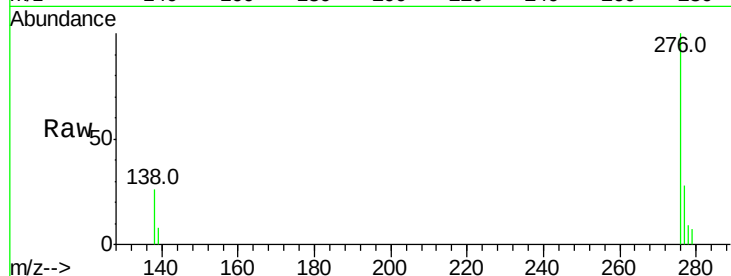
Lab File: BE096936.D

Acq: 16 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :



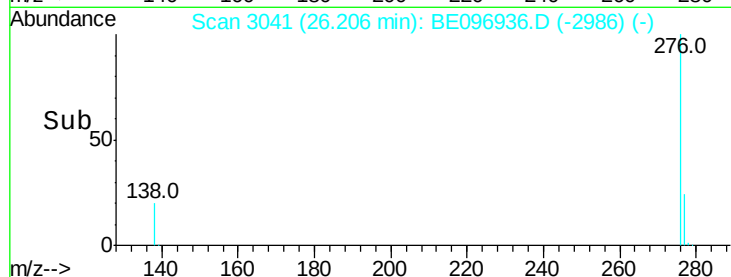
Tot Ion:276 Resp: 3579

Ion Ratio Lower Upper

276 100

277 28.4 16.0 24.0#

138 25.6 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

