

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
 Data File : BE096838.D
 Acq On : 21 Jun 2018 10:43
 Operator : SJ/JU
 Sample : PB110435BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 22 02:28:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 15:45:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3792	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	15843	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6574	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14471	0.40	ng	0.00
27) Chrysene-d12	20.98	240	15428	0.40	ng	0.00
34) Perylene-d12	23.21	264	13266	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	3136	0.37	ng	0.01
5) Phenol-d6	6.60	99	3973	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	3249	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	8326	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	288	0.29	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	9670	0.40	ng	0.00
25) Fluoranthene-d10	18.81	212	41927	0.33	ng	0.00
29) Terphenyl-d14	19.44	244	8621	0.29	ng	0.00

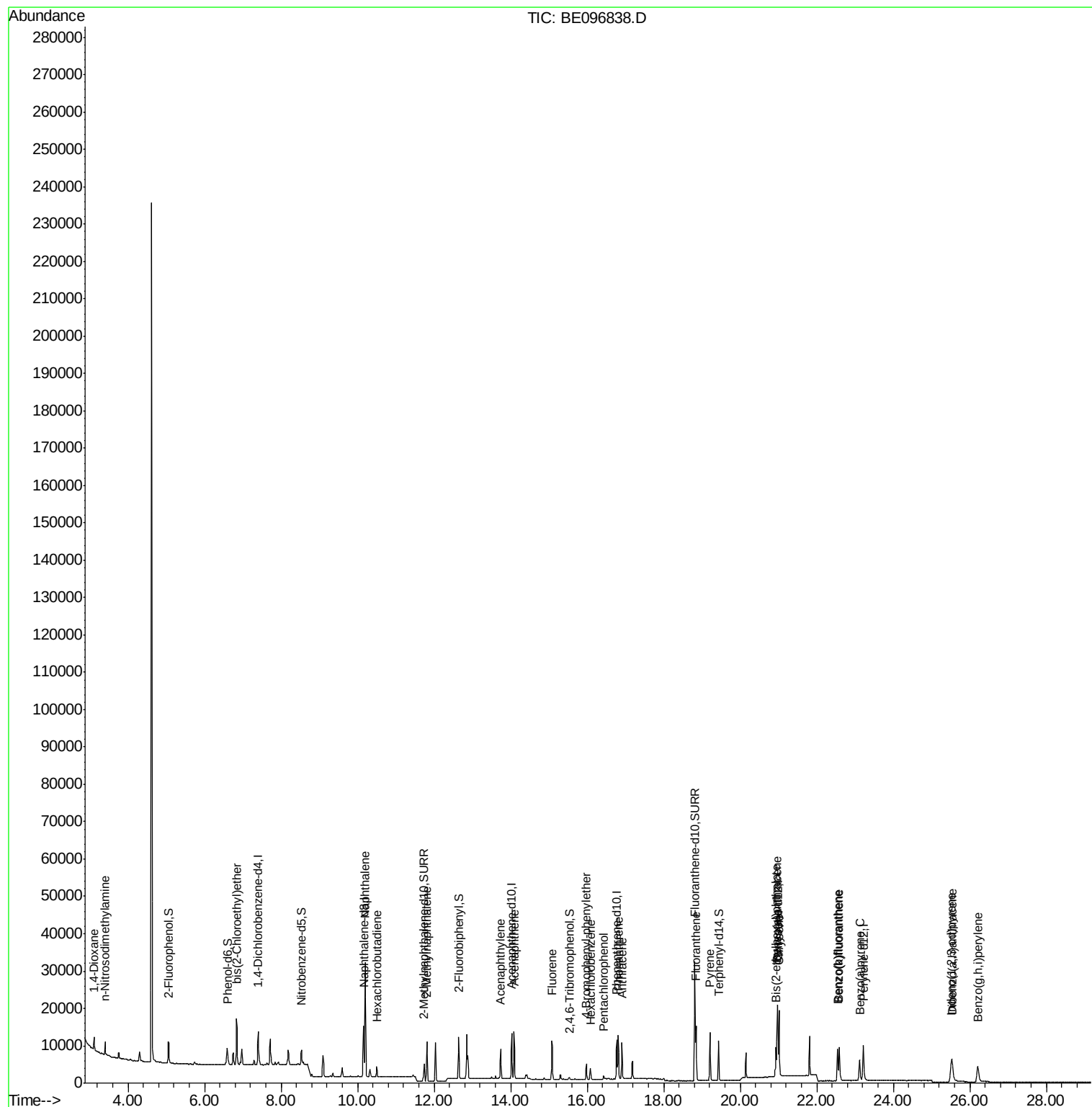
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	1631	0.287	ng	# 81
3) n-Nitrosodimethylamine	3.38	42	2273	0.378	ng	87
6) bis(2-Chloroethyl)ether	6.85	93	4005	0.289	ng	100
9) Naphthalene	10.20	128	48111	0.335	ng	100
10) Hexachlorobutadiene	10.50	225	1822	0.304	ng	99
12) 2-Methylnaphthalene	11.81	142	7361	0.309	ng	98
16) Acenaphthylene	13.74	152	8809	0.309	ng	100
17) Acenaphthene	14.08	154	5975	0.317	ng	# 93
18) Fluorene	15.07	166	6437	0.291	ng	# 79
20) 4-Bromophenyl-phenylether	15.98	248	1963	0.301	ng	# 85
21) Hexachlorobenzene	16.09	284	2444	0.329	ng	# 80
22) Pentachlorophenol	16.43	266	548	0.478	ng	# 80
23) Phenanthrene	16.81	178	11816	0.332	ng	99
24) Anthracene	16.90	178	9510	0.323	ng	96
26) Fluoranthene	18.84	202	12792	0.356	ng	99
28) Pyrene	19.21	202	12415	0.278	ng	98
30) Benzo(a)anthracene	20.97	228	11104	0.325	ng	96
31) Chrysene	21.02	228	14244	0.337	ng	100
32) Bis(2-ethylhexyl)phthalate	20.93	149	8576	0.280	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	10796	0.344	ng	95
35) Benzo(b)fluoranthene	22.54	252	11251	0.311	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	12424	0.328	ng	96
37) Benzo(a)pyrene	23.12	252	9371	0.326	ng	94
38) Dibenzo(a,h)anthracene	25.54	278	8730	0.334	ng	97
39) Benzo(g,h,i)perylene	26.21	276	10170	0.316	ng	# 91

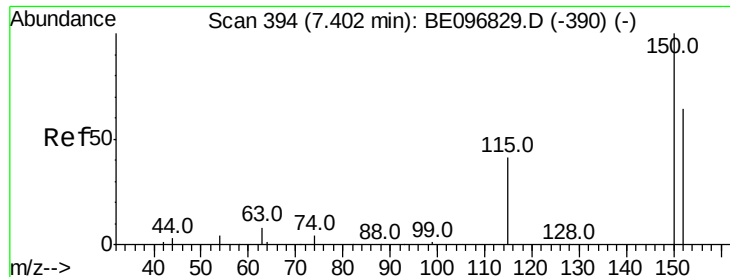
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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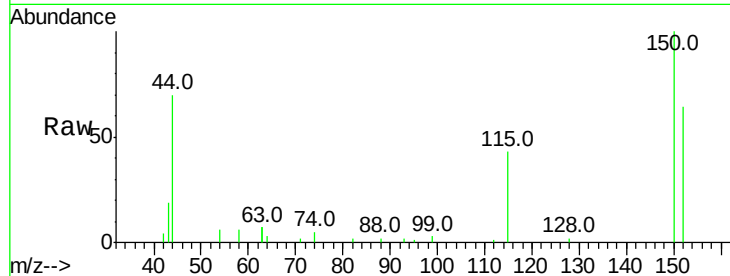


#1

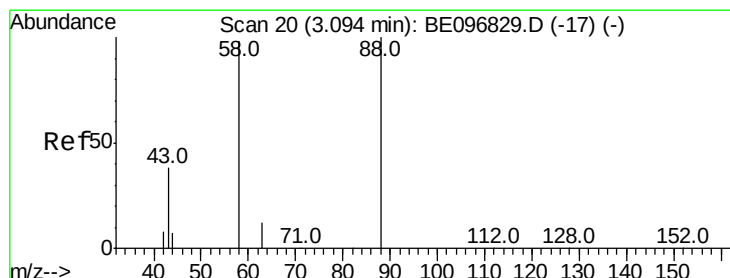
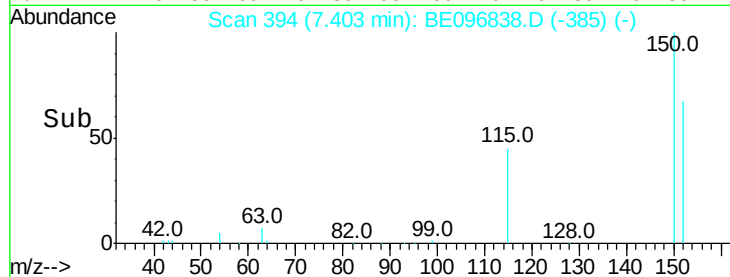
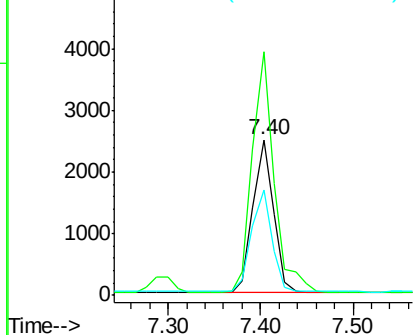
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3792
Ion Ratio Lower Upper
152 100
150 156.5 117.2 175.8
115 67.4 57.0 85.6



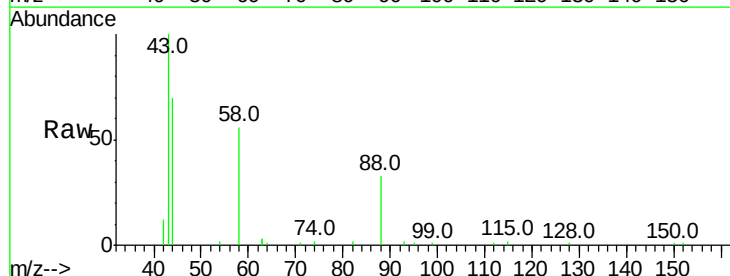
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



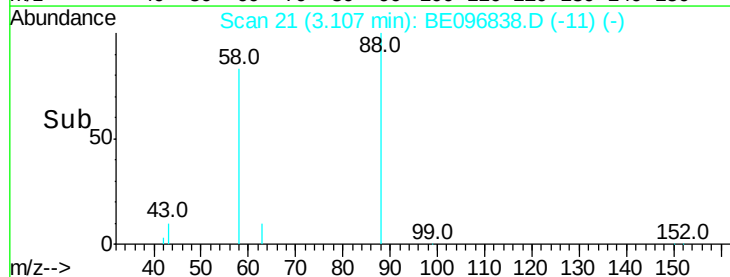
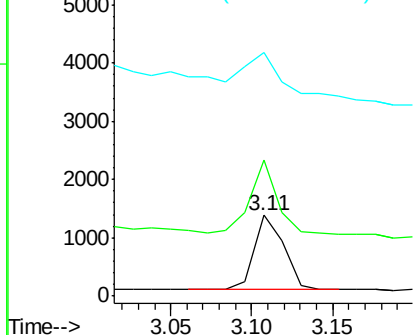
#2

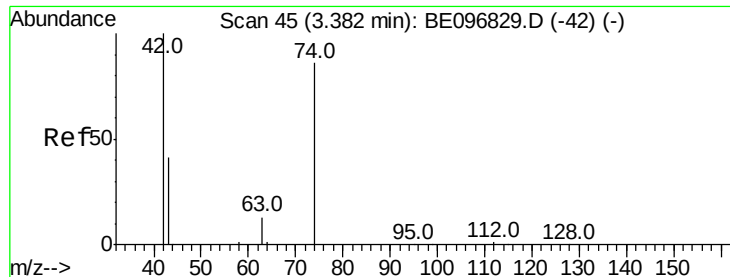
1,4-Dioxane
Concen: 0.287 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Tgt Ion: 88 Resp: 1631
Ion Ratio Lower Upper
88 100
58 92.3 63.2 94.8
43 69.1 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: 0.378 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

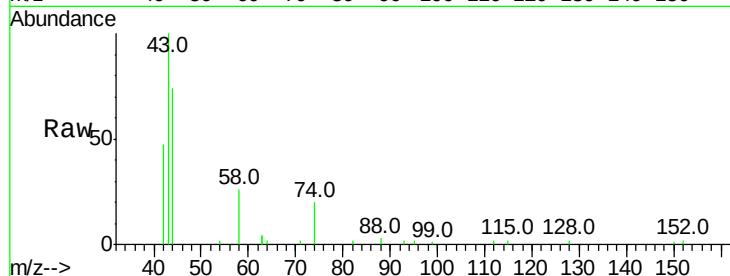
Tot Ion: 42 Resp: 2273

Ion Ratio Lower Upper

42 100

74 104.7 96.0 144.0

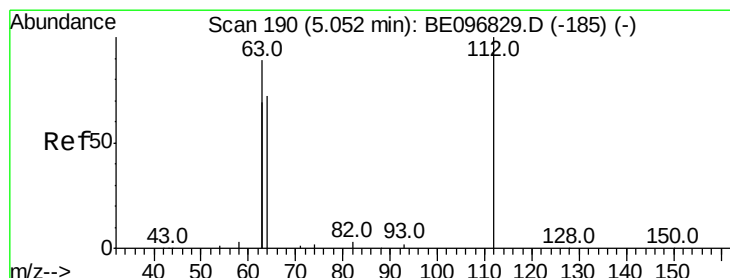
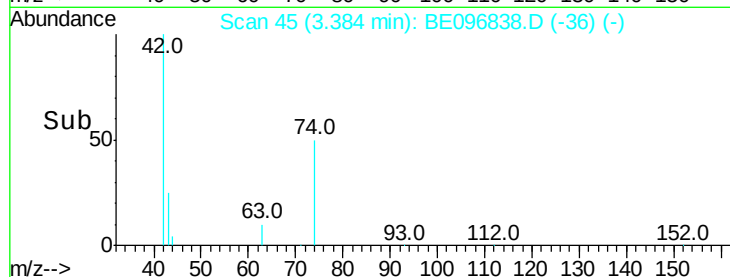
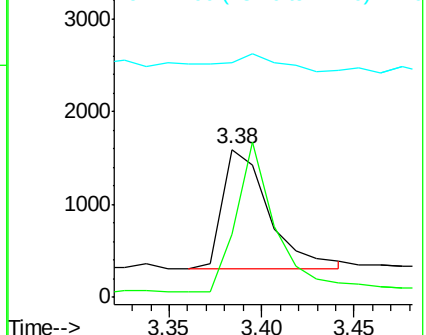
44 16.5 12.0 18.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.370 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

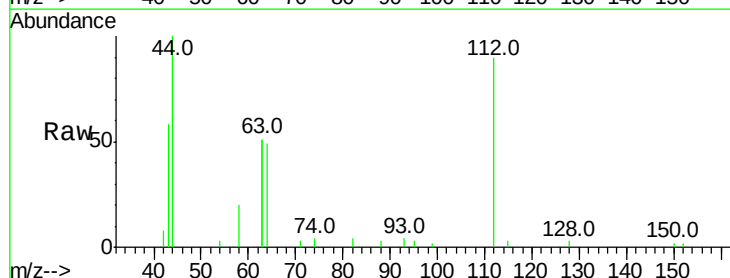
Tgt Ion: 112 Resp: 3136

Ion Ratio Lower Upper

112 100

64 69.0 60.1 90.1

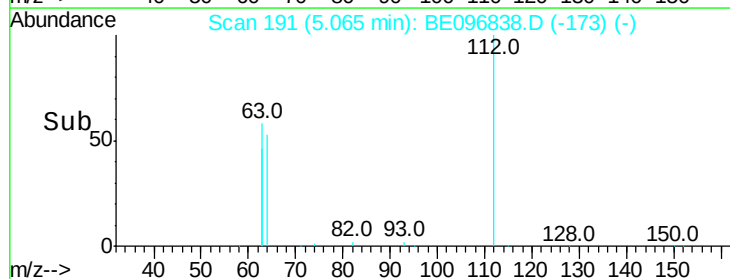
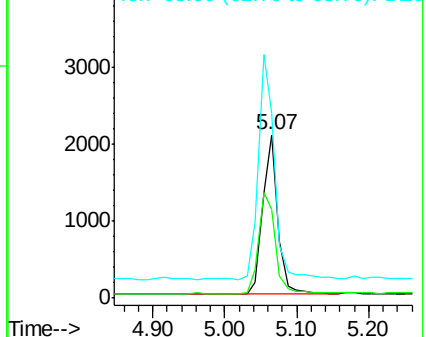
63 145.1 116.8 175.2

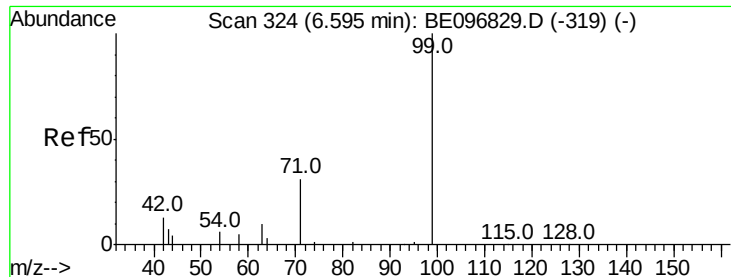


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.314 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

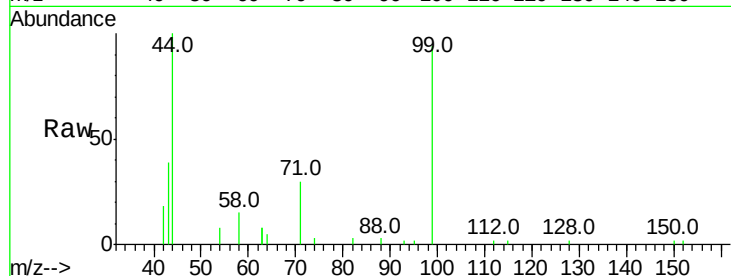
Tot Ion: 99 Resp: 3973

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

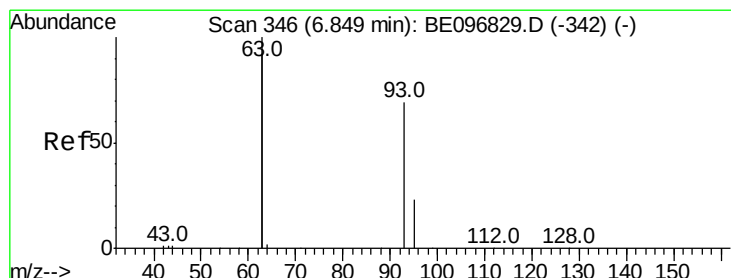
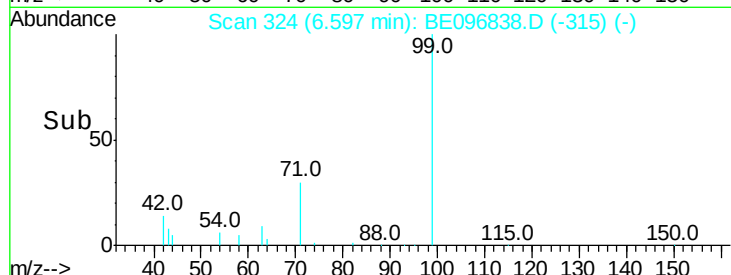
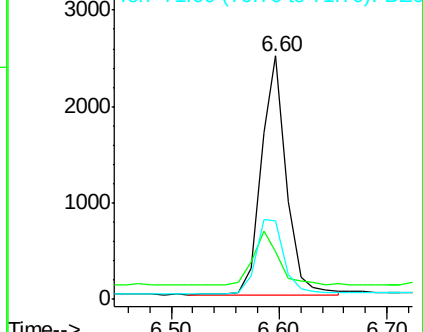
71 36.2 28.4 42.6



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: 0.289 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

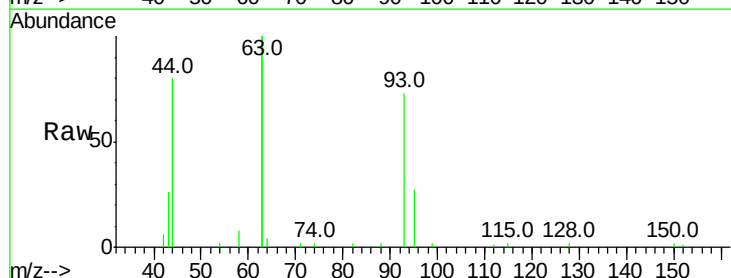
Tgt Ion: 93 Resp: 4005

Ion Ratio Lower Upper

93 100

63 344.1 275.3 412.9

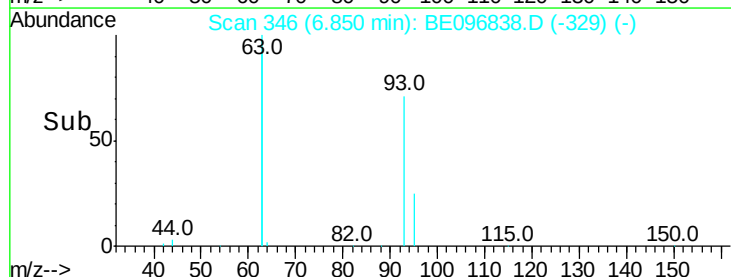
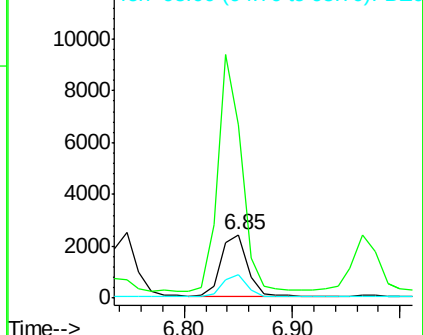
95 32.9 25.2 37.8

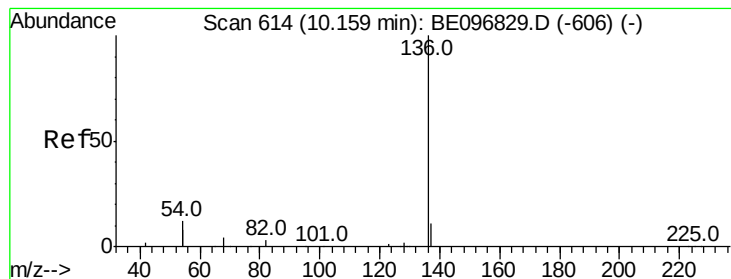


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 15843

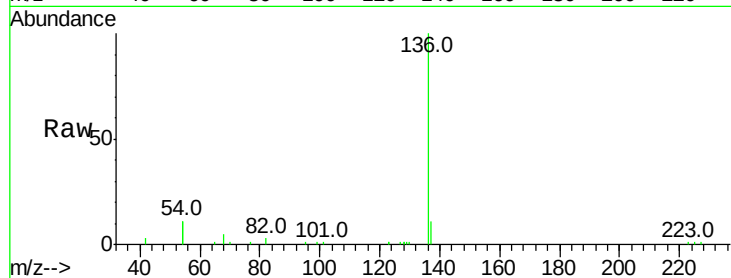
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 22.2 29.1 43.7#

68 4.7 6.2 9.2#

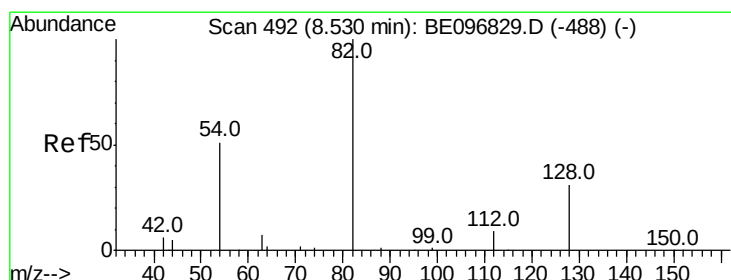
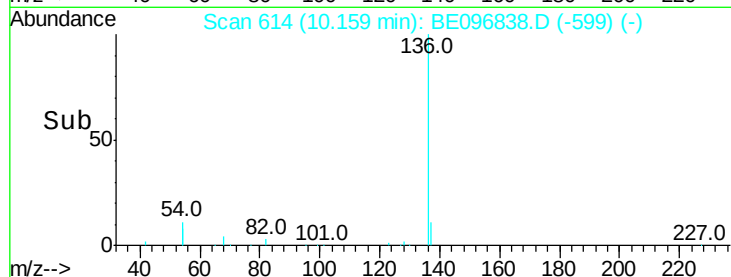
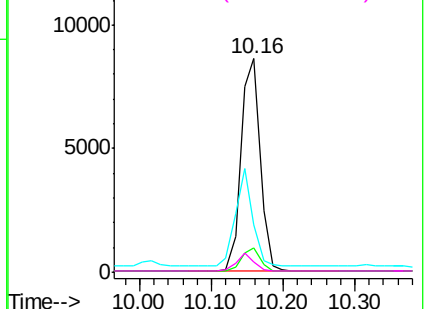


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

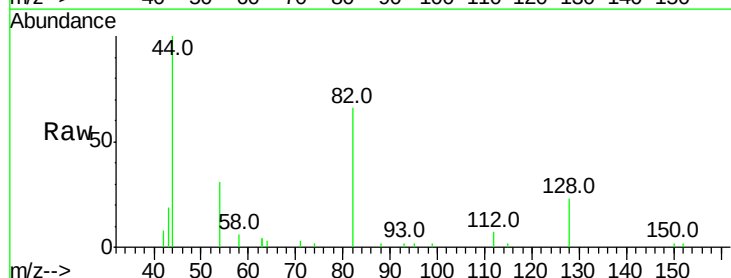
Tgt Ion: 82 Resp: 3249

Ion Ratio Lower Upper

82 100

128 35.4 24.0 36.0

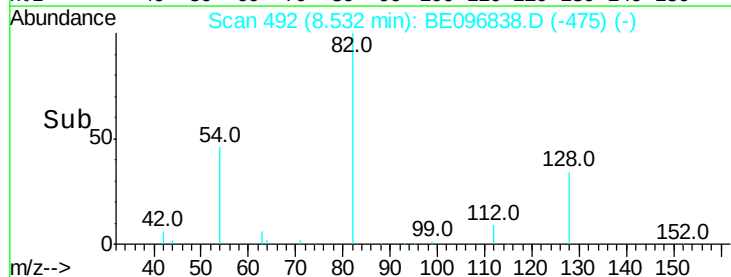
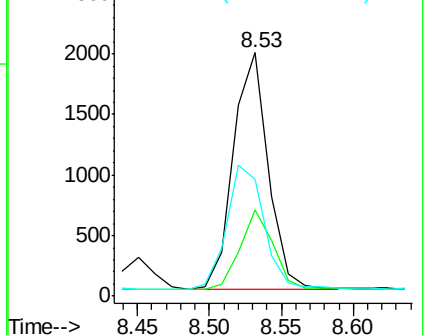
54 47.9 40.0 60.0

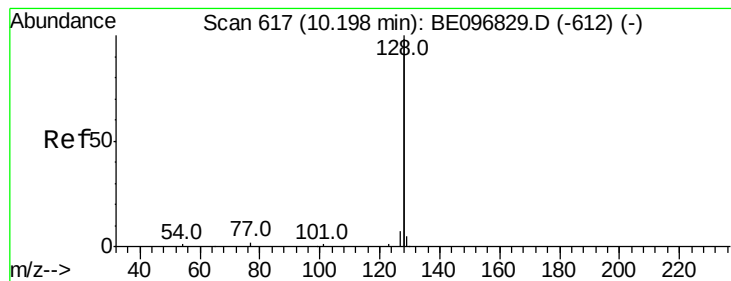


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.335 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

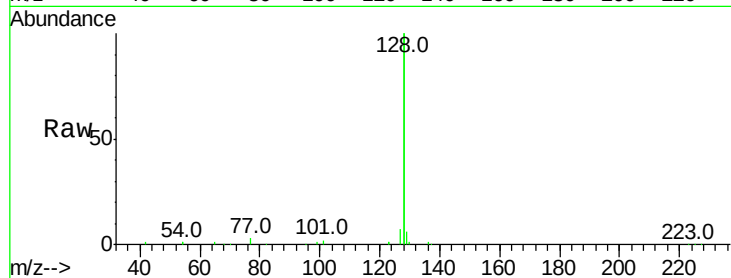
Tot Ion:128 Resp: 48111

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

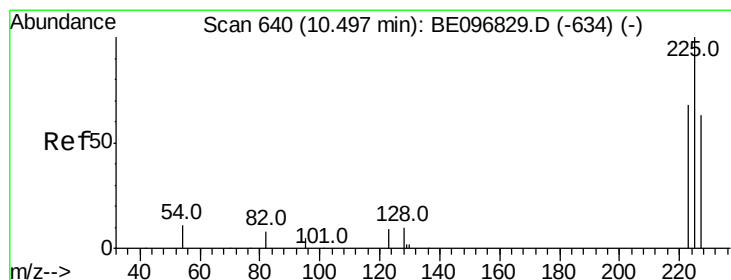
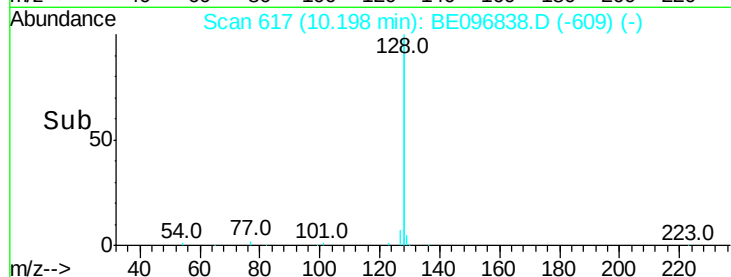
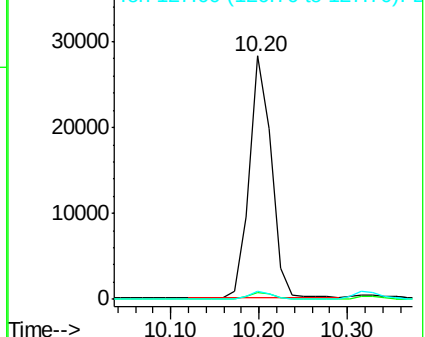
127 3.5 2.8 4.2



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: 0.304 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

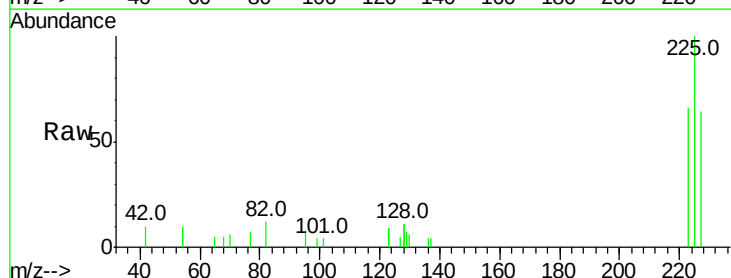
Tgt Ion:225 Resp: 1822

Ion Ratio Lower Upper

225 100

223 64.3 53.0 79.6

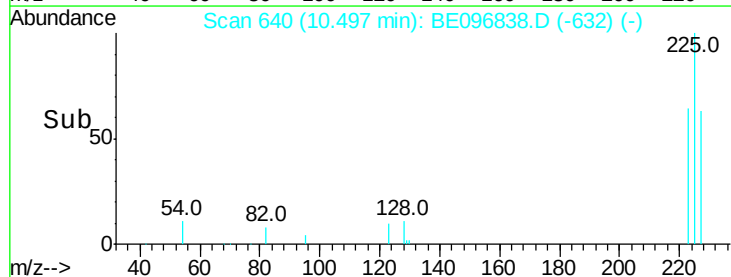
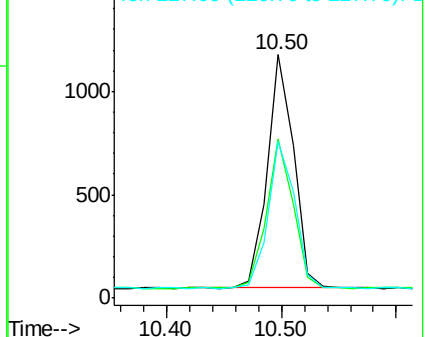
227 63.9 51.4 77.2

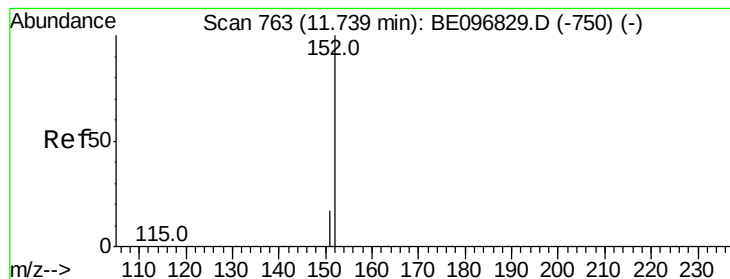


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

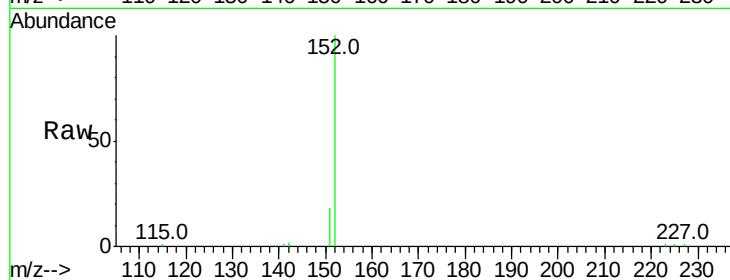
ClientSampleId :

Tot Ion:152 Resp: 8326

Ion Ratio Lower Upper

152 100

151 15.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

4000

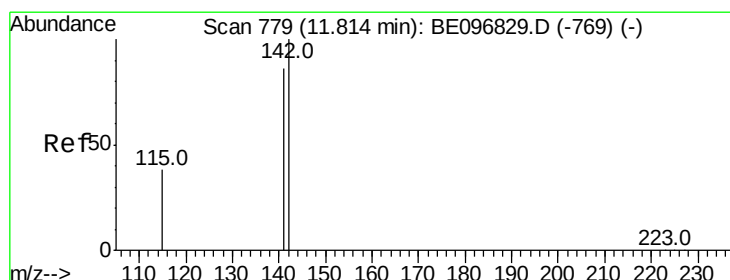
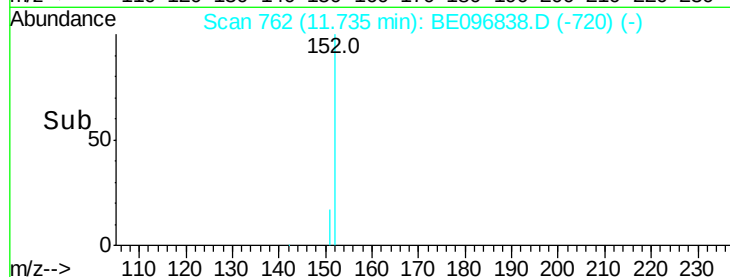
3000

2000

1000

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.309 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

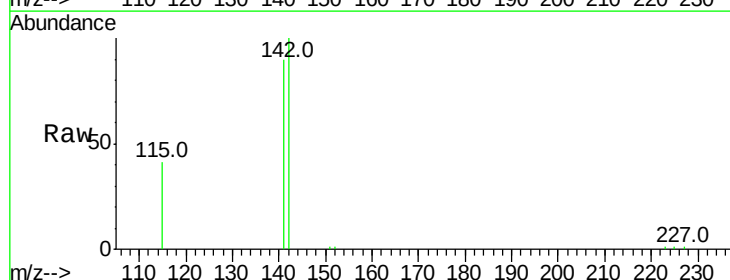
Tgt Ion:142 Resp: 7361

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

115 41.3 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

6000

5000

4000

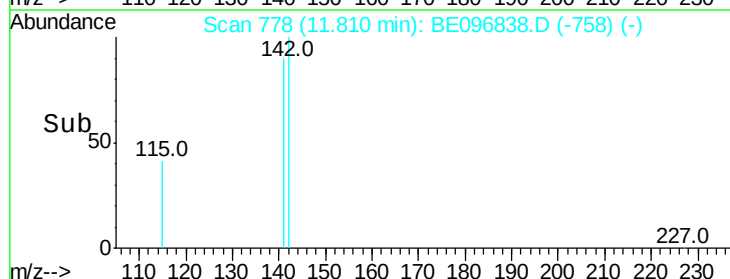
3000

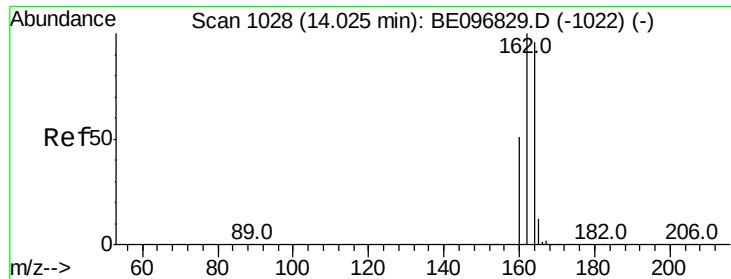
2000

1000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

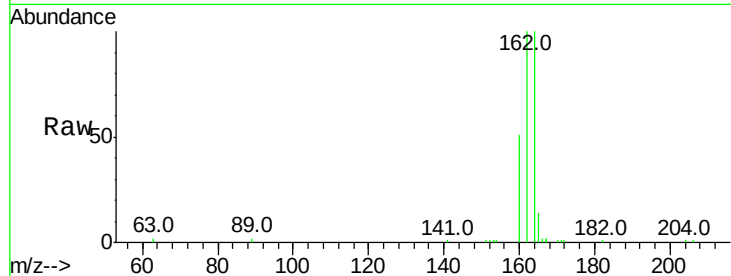
Tot Ion:164 Resp: 6574

Ion Ratio Lower Upper

164 100

162 100.0 83.1 124.7

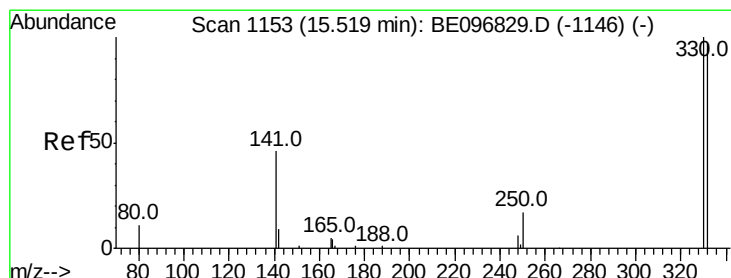
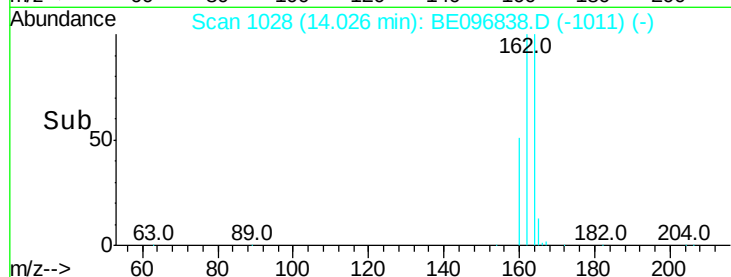
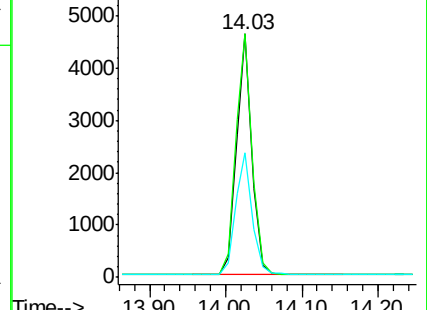
160 51.4 37.1 55.7



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: 0.290 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

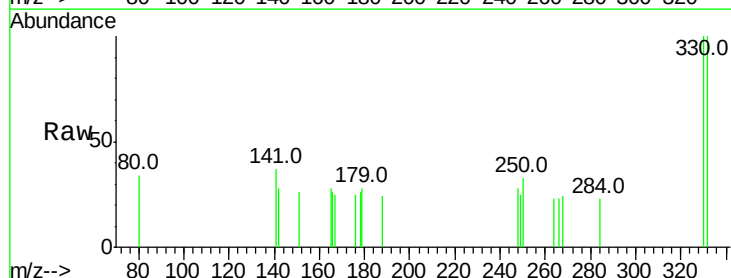
Tgt Ion:330 Resp: 288

Ion Ratio Lower Upper

330 100

332 92.4 152.7 229.1#

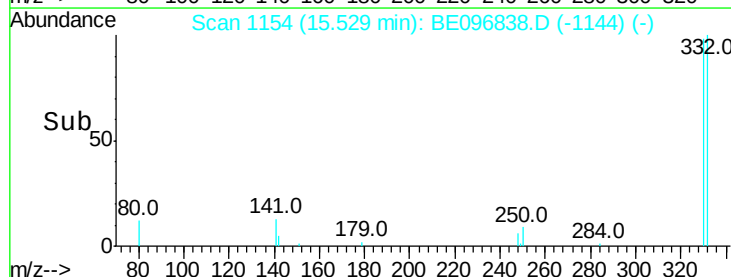
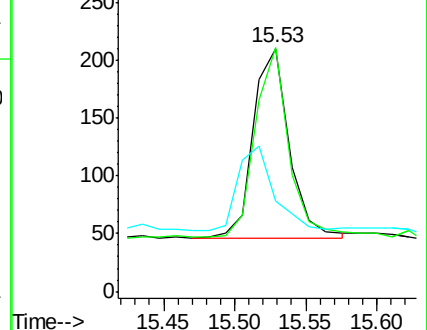
141 43.8 33.7 50.5

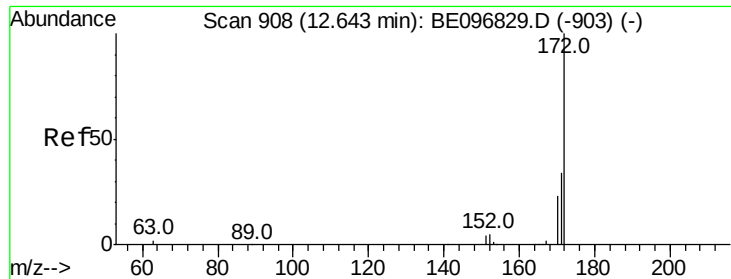


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

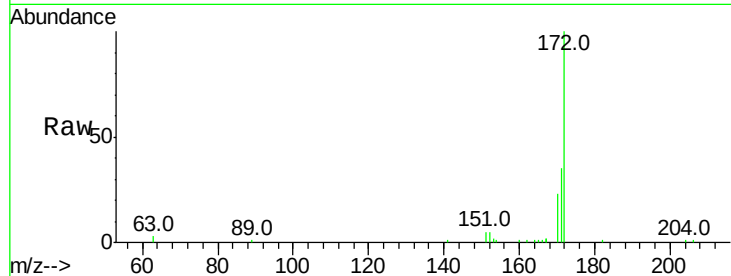




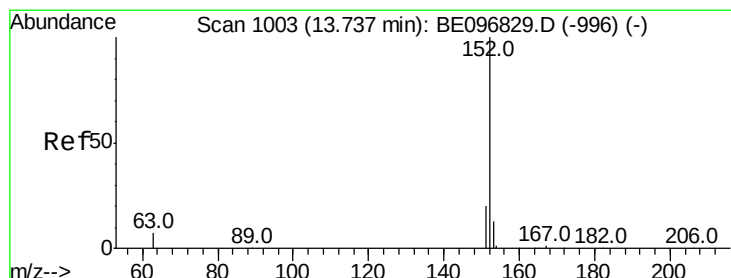
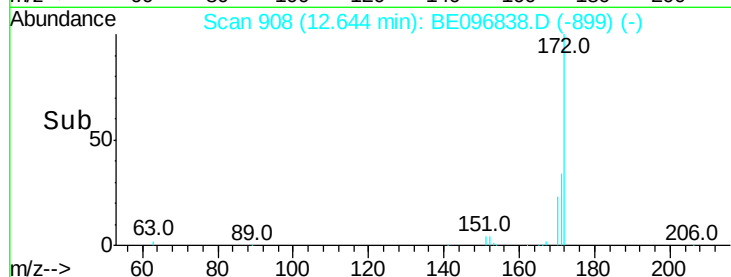
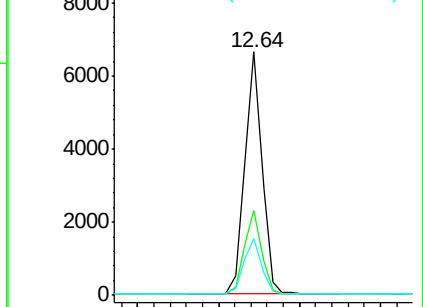
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 9670
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.2 21.8 32.8

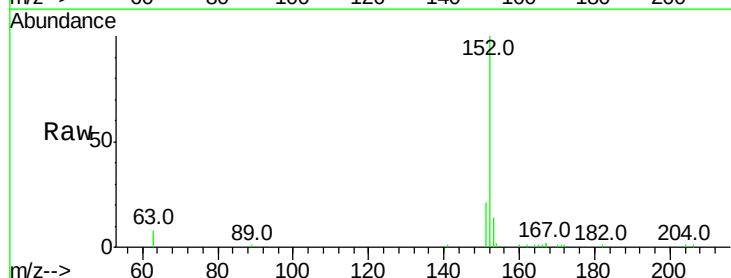


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

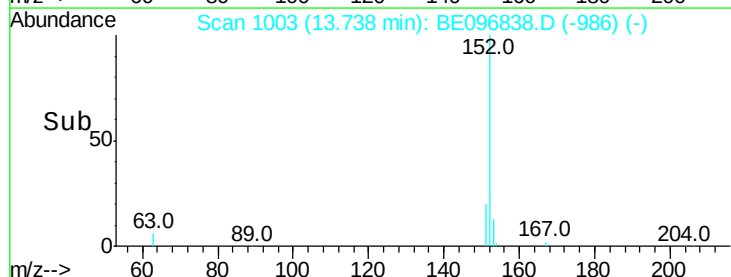
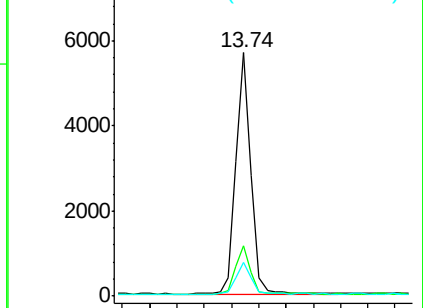


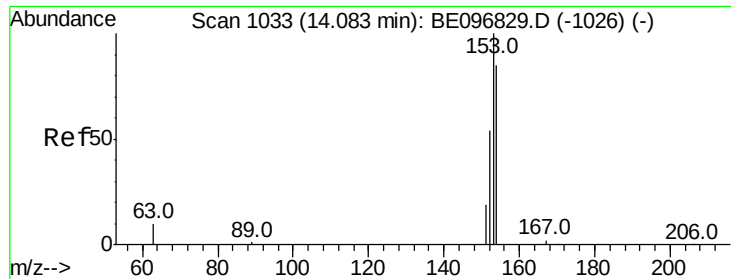
#16
Acenaphthylene
Concen: 0.309 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Tgt Ion:152 Resp: 8809
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 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

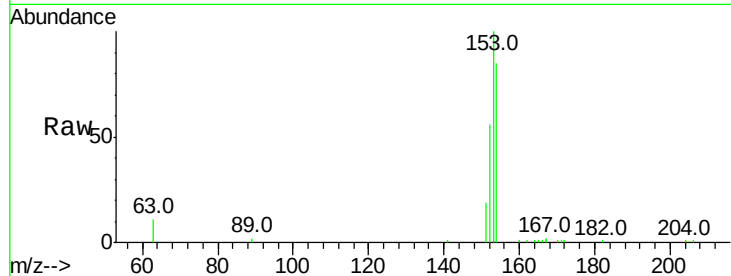




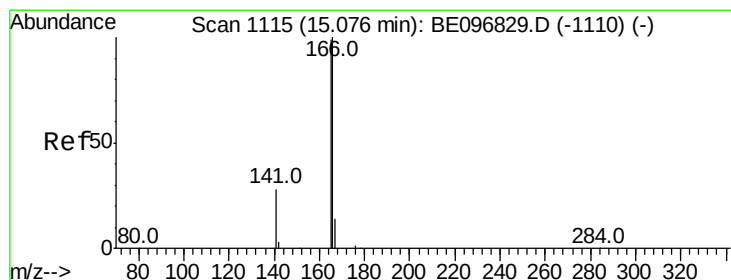
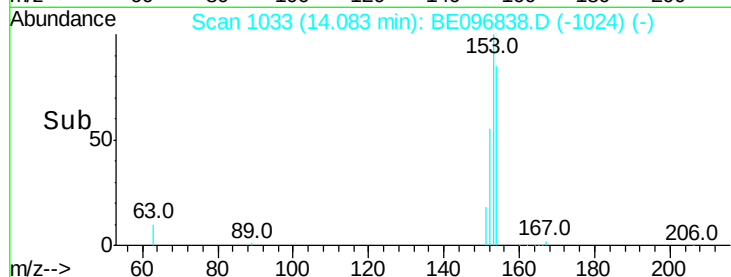
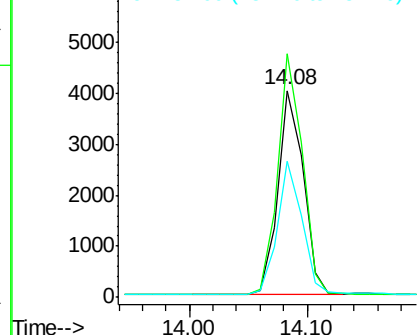
#17
Acenaphthene
Concen: 0.317 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 5975
Ion Ratio Lower Upper
154 100
153 115.2 89.2 133.8
152 63.2 42.0 63.0#

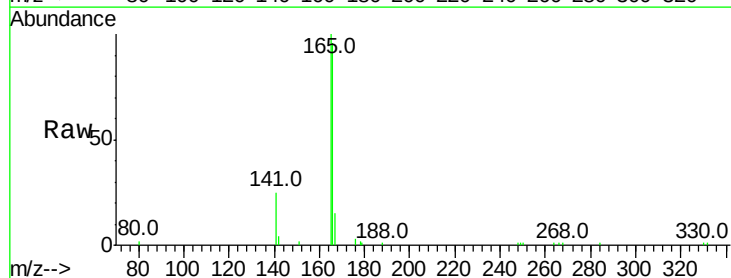


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

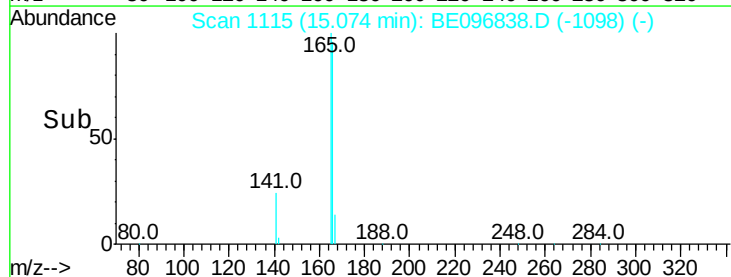
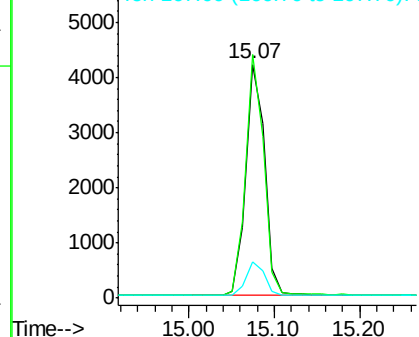


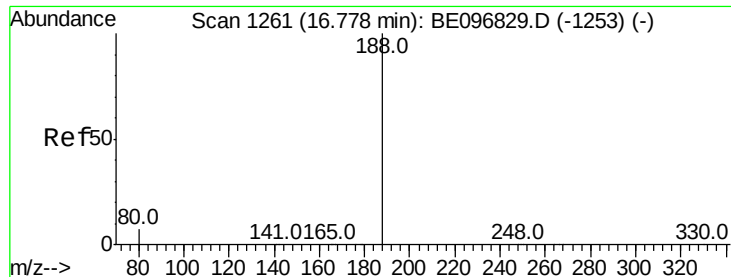
#18
Fluorene
Concen: 0.291 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Tgt Ion:166 Resp: 6437
Ion Ratio Lower Upper
166 100
165 100.2 77.8 116.6
167 14.6 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

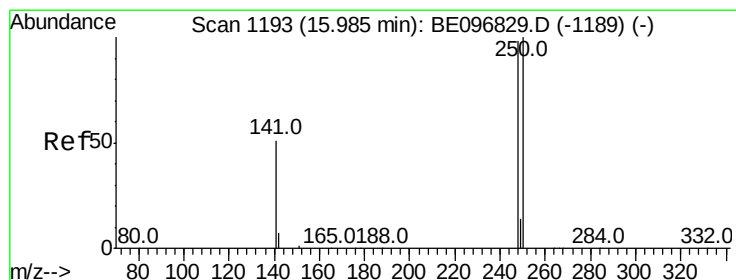
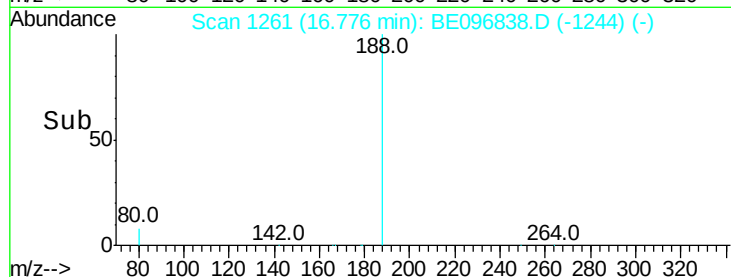
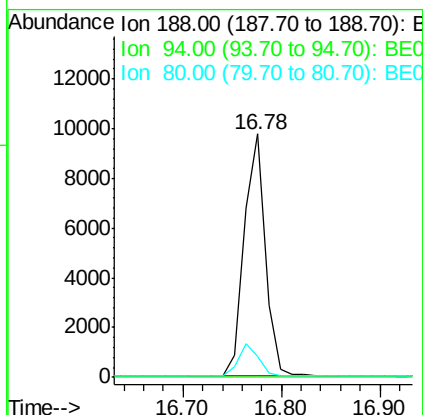
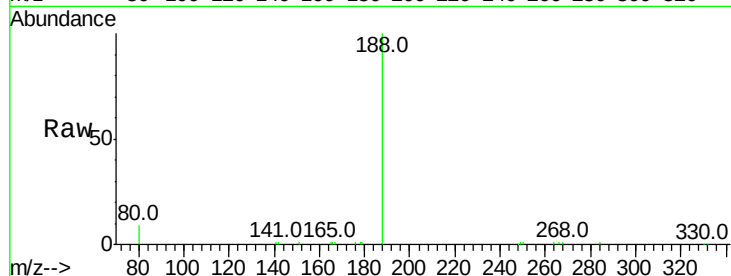




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

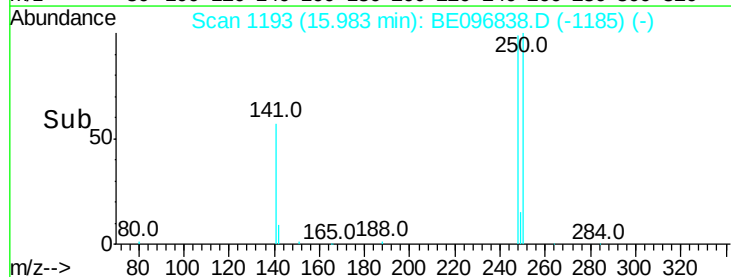
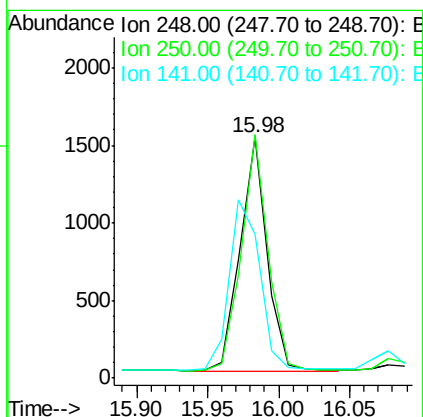
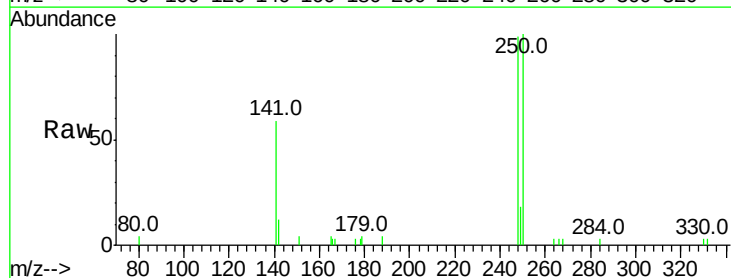
Instrument :
BNA_E
ClientSampleId :

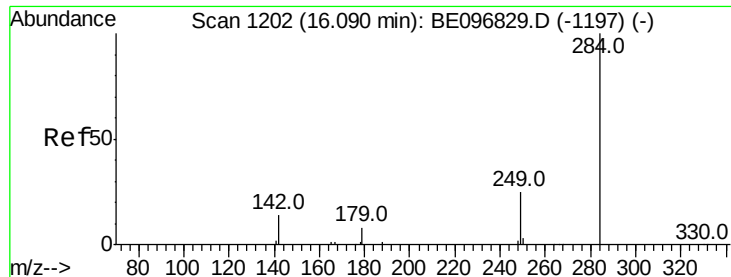
Tot Ion:188 Resp: 14471
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 8.8 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.301 ng
RT: 15.98 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Tgt Ion:248 Resp: 1963
Ion Ratio Lower Upper
248 100
250 101.2 62.7 94.1#
141 59.6 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.329 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

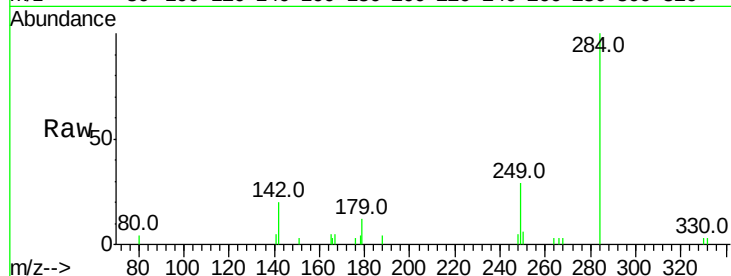
Tot Ion:284 Resp: 2444

Ion Ratio Lower Upper

284 100

142 40.4 22.1 33.1#

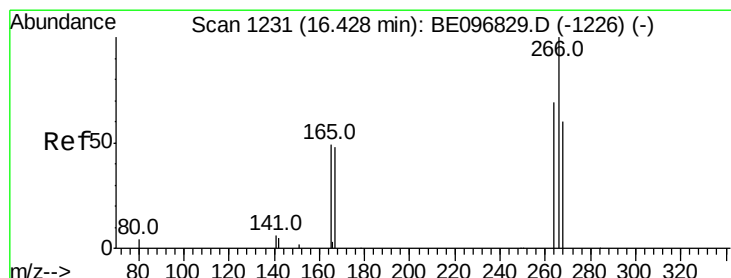
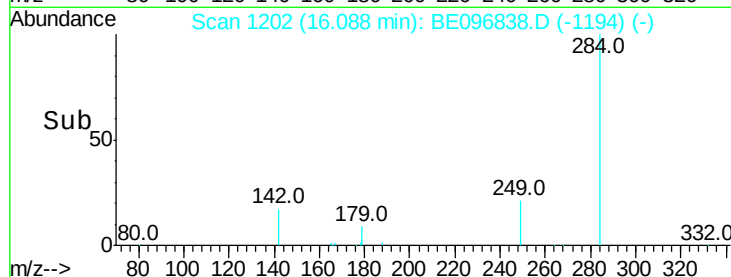
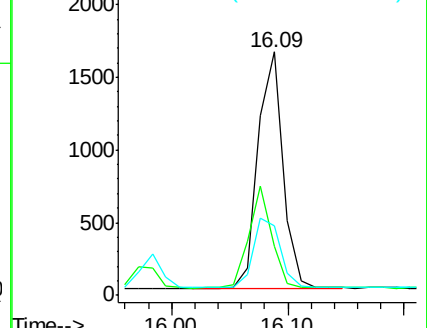
249 32.5 34.8 52.2#



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: 0.478 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

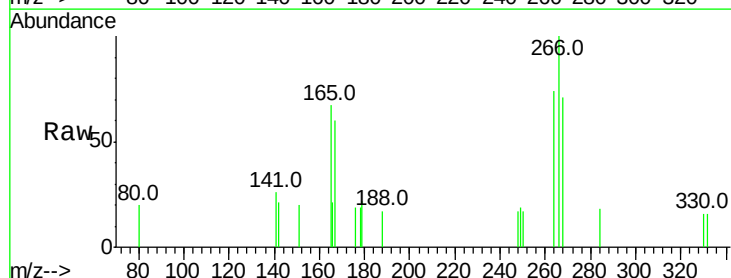
Tgt Ion:266 Resp: 548

Ion Ratio Lower Upper

266 100

264 74.0 72.5 108.7

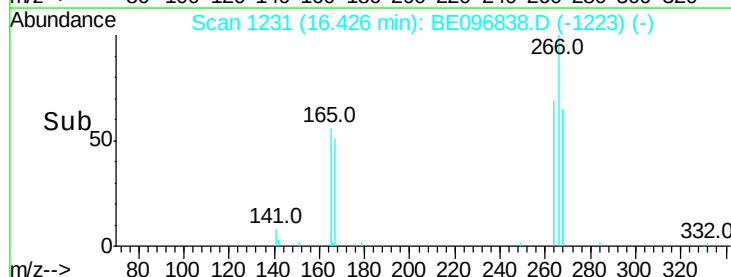
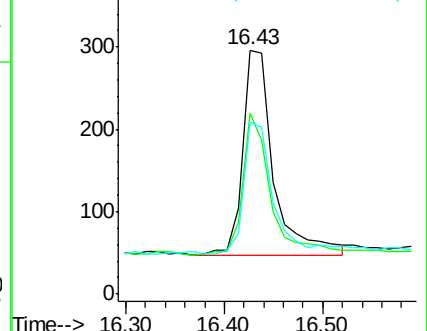
268 70.6 73.8 110.6#

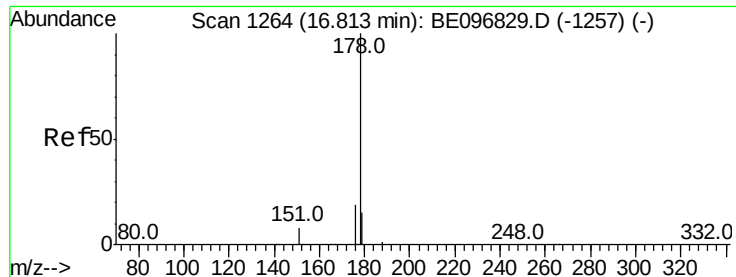


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

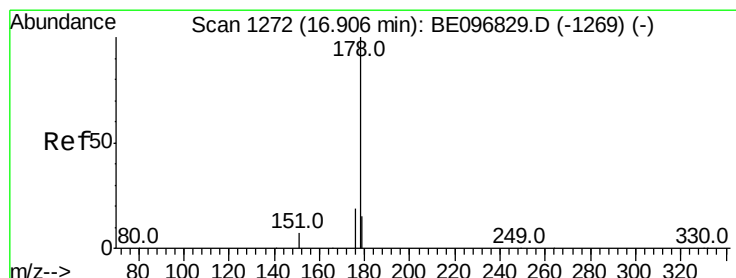
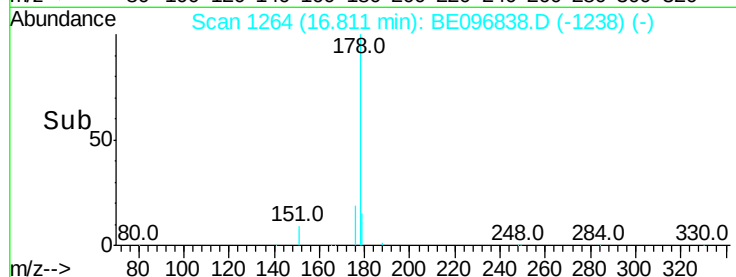
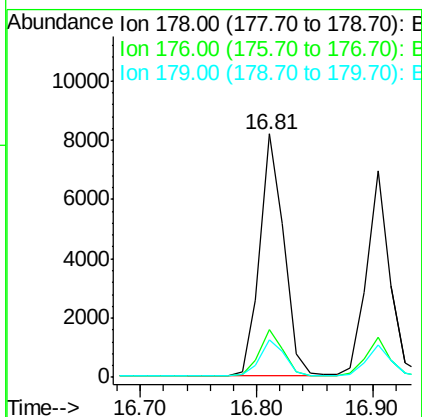
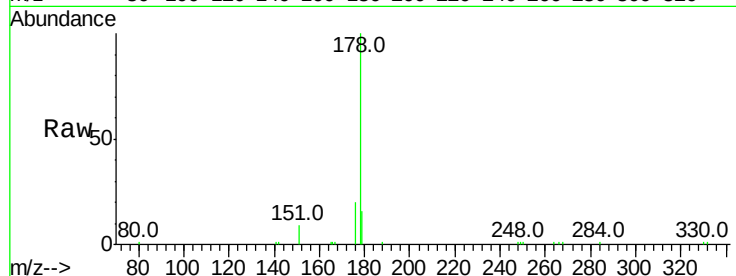




#23
Phenanthrene
Concen: 0.332 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

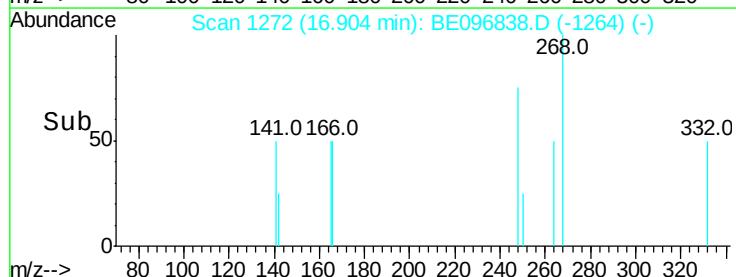
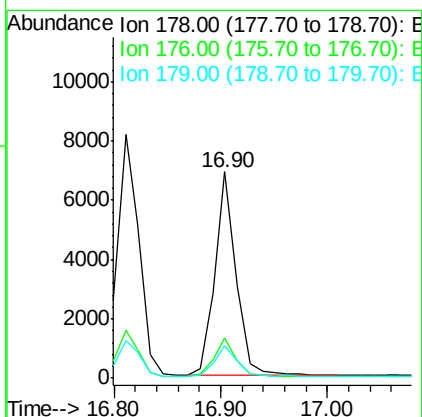
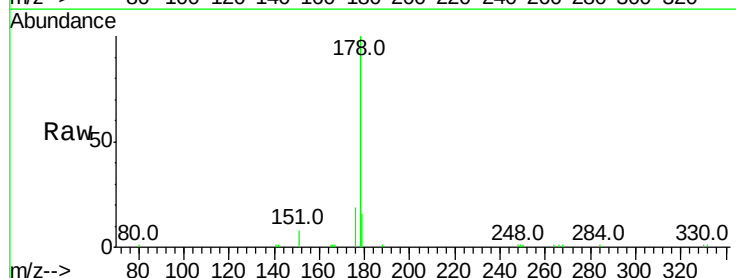
Instrument :
BNA_E
ClientSampleId :

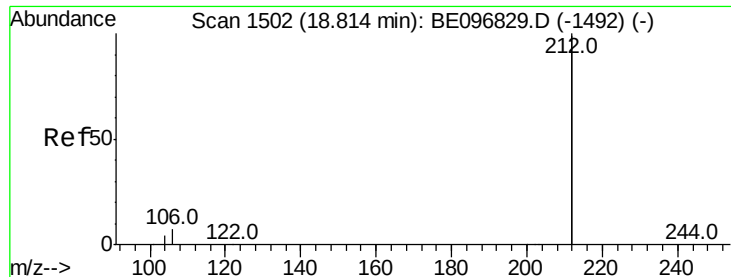
Tot Ion:178 Resp: 11816
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.2 11.8 17.6



#24
Anthracene
Concen: 0.323 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Tgt Ion:178 Resp: 9510
Ion Ratio Lower Upper
178 100
176 19.0 12.8 19.2
179 15.6 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

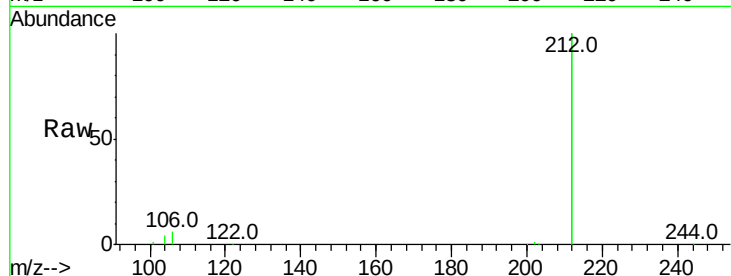
Tot Ion:212 Resp: 41927

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

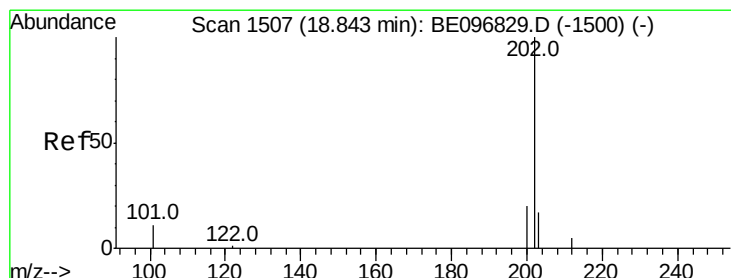
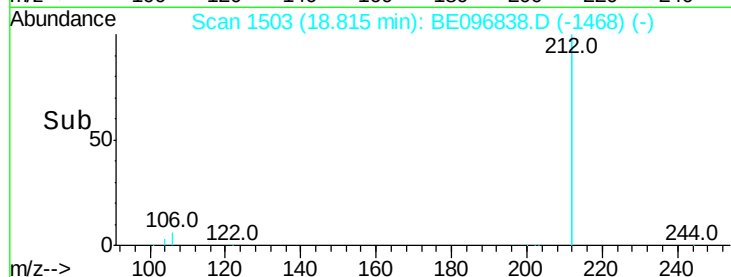
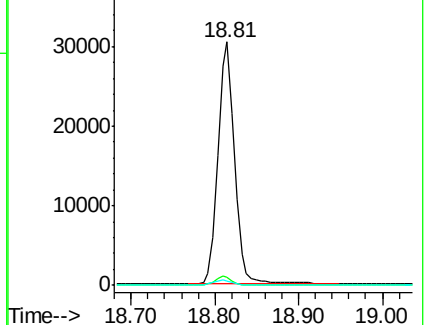
104 1.9 1.6 2.4



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: 0.356 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

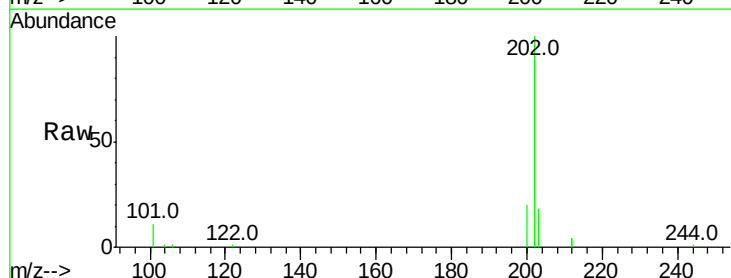
Tgt Ion:202 Resp: 12792

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

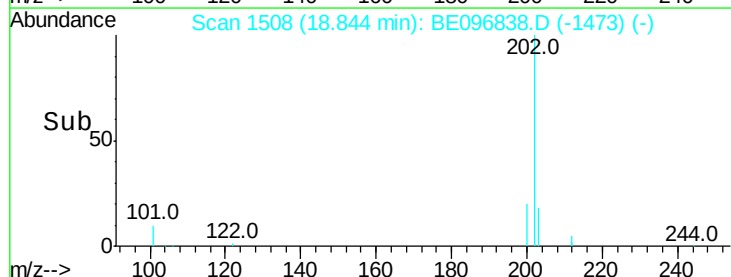
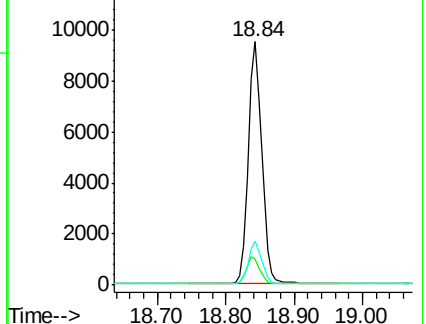
203 16.9 13.7 20.5

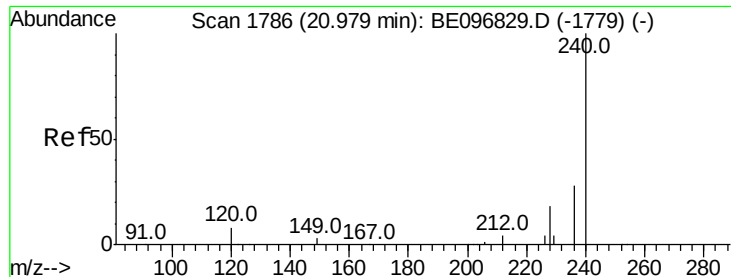


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

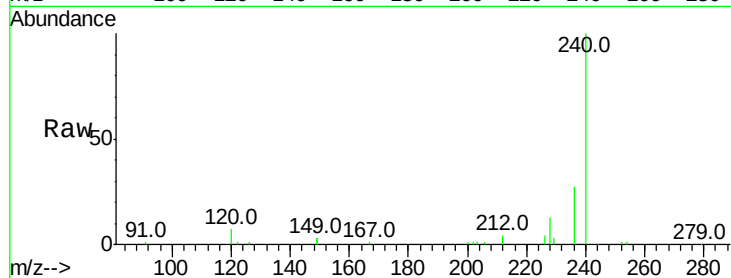
Tot Ion:240 Resp: 15428

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

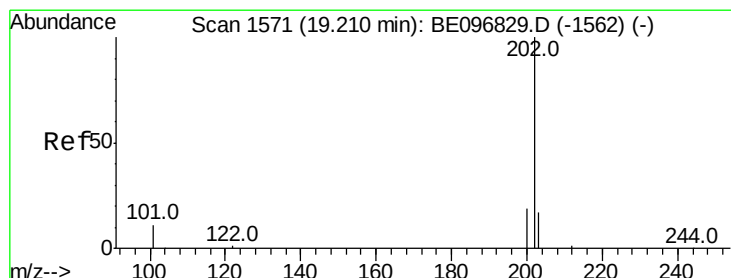
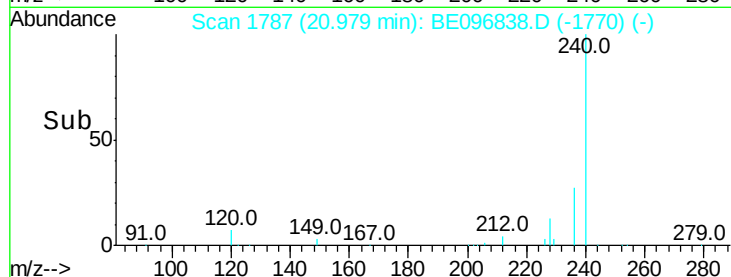
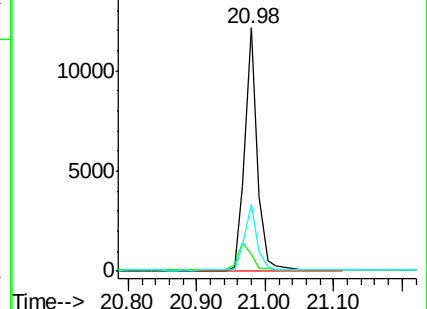
236 27.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.278 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

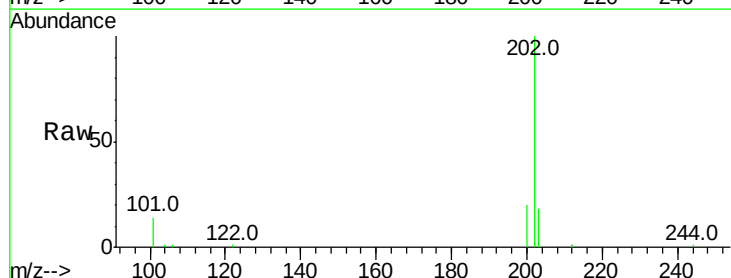
Tgt Ion:202 Resp: 12415

Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

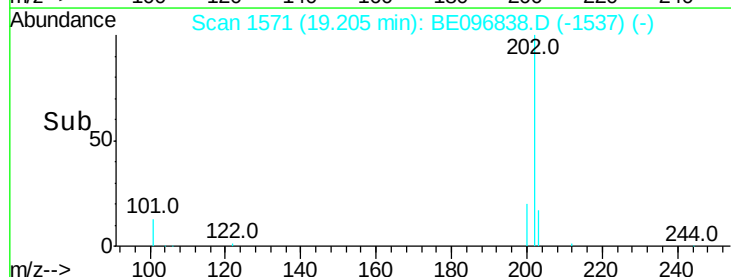
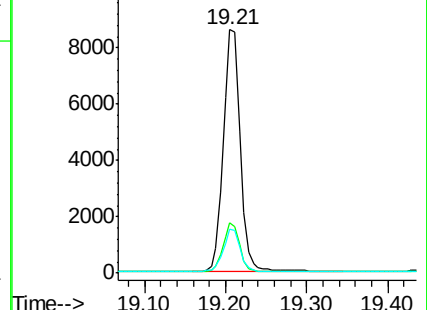
203 17.8 13.8 20.8

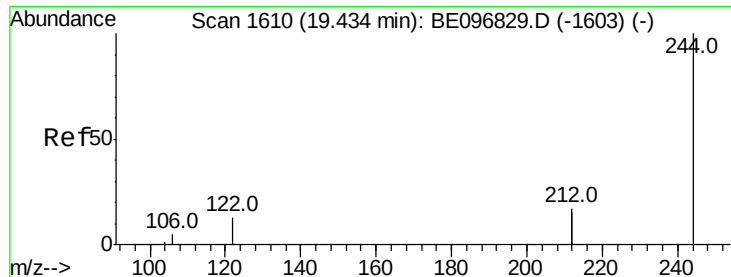


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

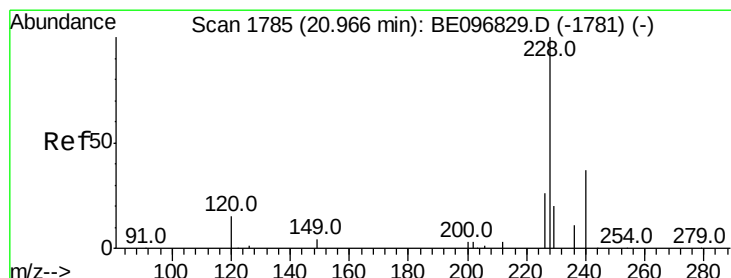
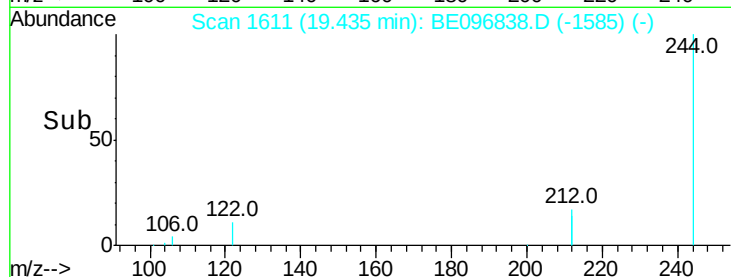
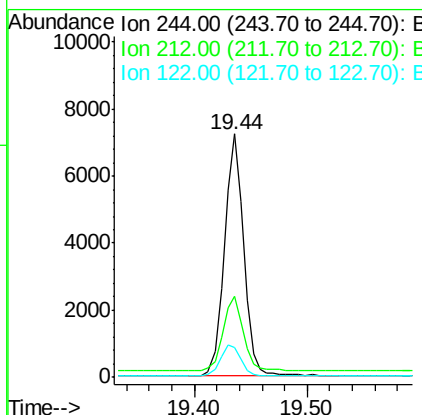
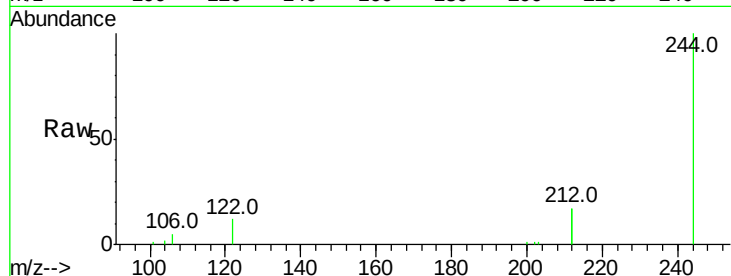




#29
 Terphenyl-d14
 Concen: 0.290 ng
 RT: 19.44 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE096838.D
 Acq: 21 Jun 2018 10:43

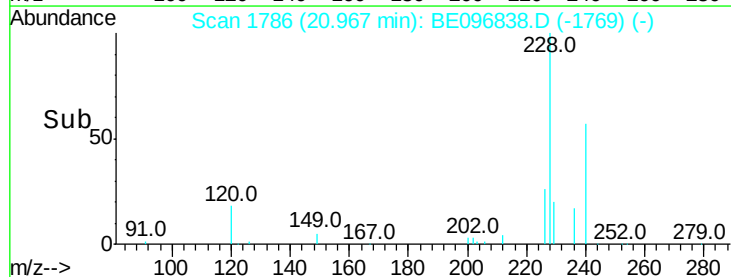
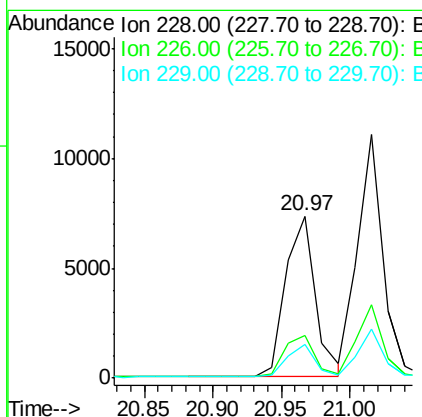
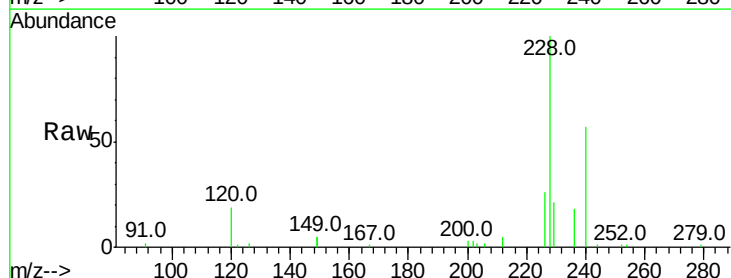
Instrument :
 BNA_E
 ClientSampled :

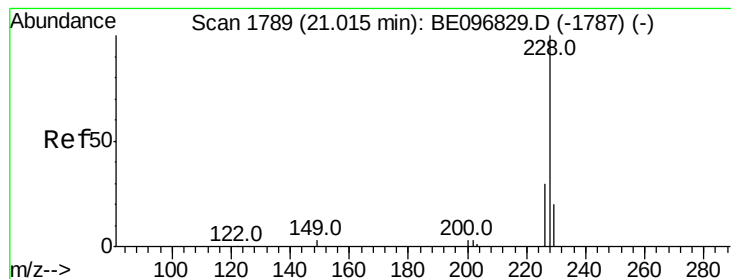
Tot Ion:244 Resp: 8621
 Ion Ratio Lower Upper
 244 100
 212 33.1 25.4 38.0
 122 12.0 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.325 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE096838.D
 Acq: 21 Jun 2018 10:43

Tgt Ion:228 Resp: 11104
 Ion Ratio Lower Upper
 228 100
 226 26.5 24.0 36.0
 229 20.6 16.0 24.0





#31

Chrysene

Concen: 0.337 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampled :

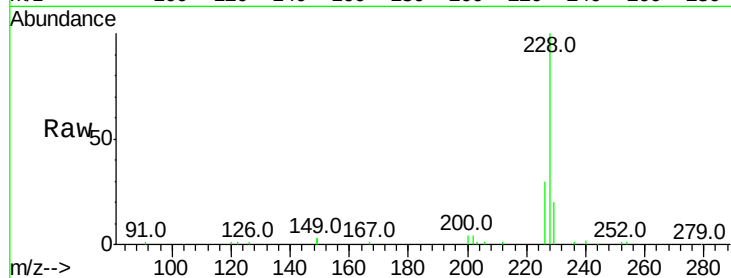
Tot Ion:228 Resp: 14244

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

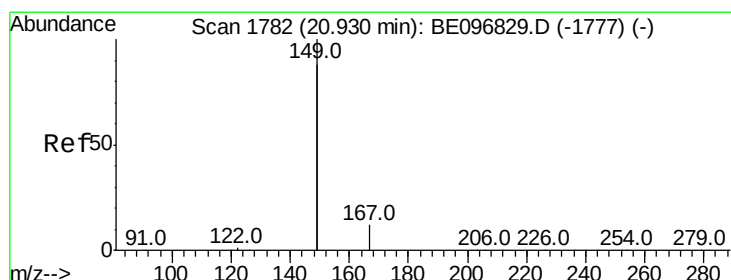
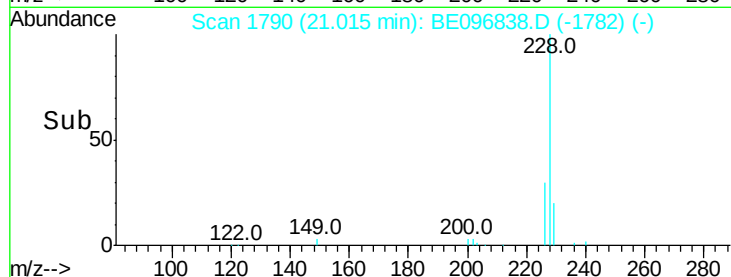
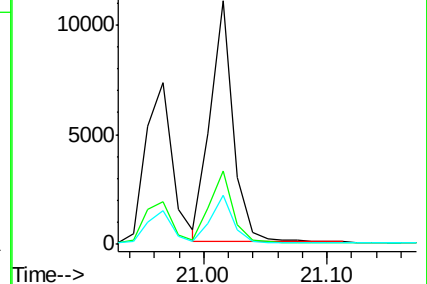
229 20.2 16.0 24.0



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: 0.280 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

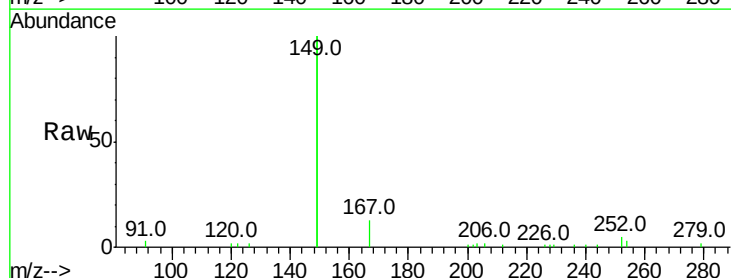
Tgt Ion:149 Resp: 8576

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

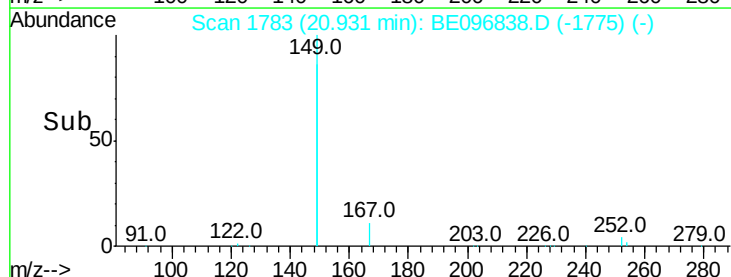
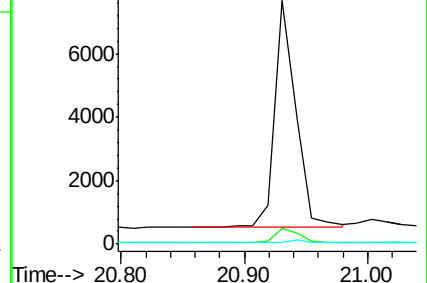
279 0.9 0.7 1.1

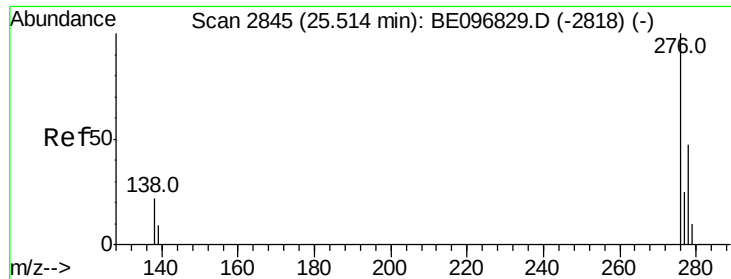


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

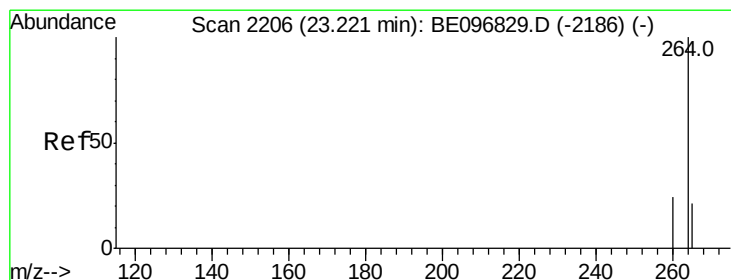
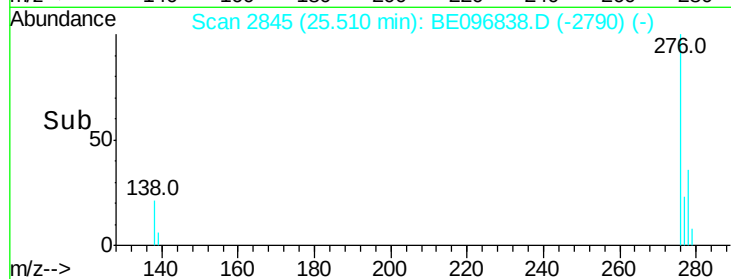
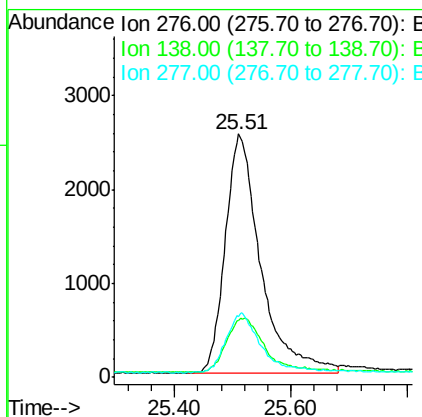
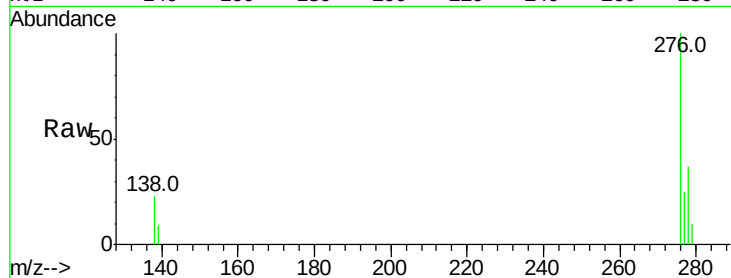




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.344 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BE096838.D
 Acq: 21 Jun 2018 10:43

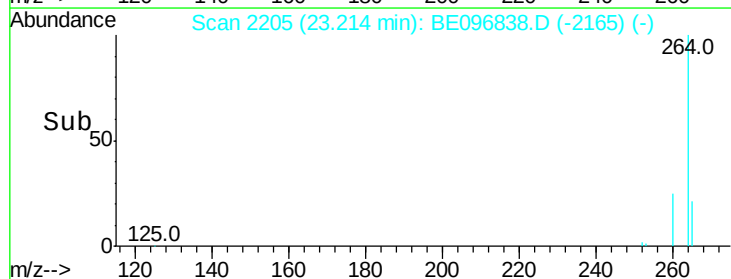
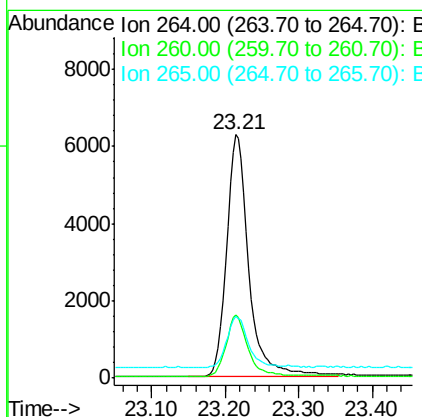
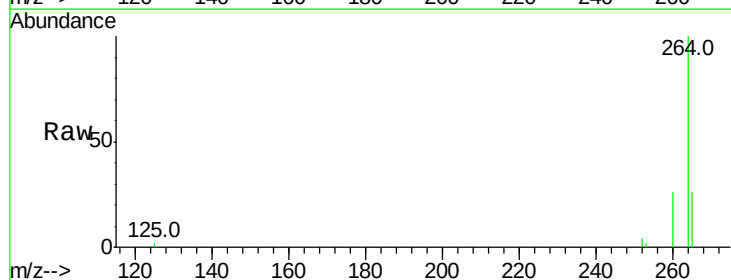
Instrument :
 BNA_E
 ClientSampleId :

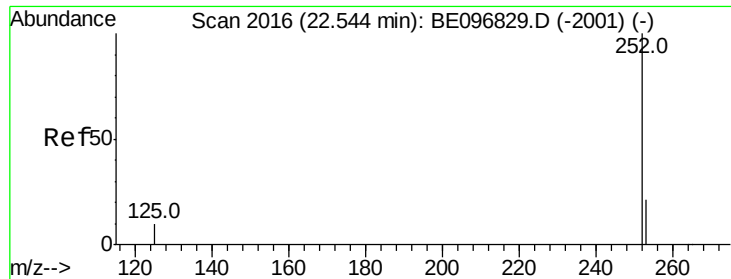
Tot Ion:276 Resp: 10796
 Ion Ratio Lower Upper
 276 100
 138 23.6 22.5 33.7
 277 24.2 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BE096838.D
 Acq: 21 Jun 2018 10:43

Tgt Ion:264 Resp: 13266
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 25.5 22.8 34.2

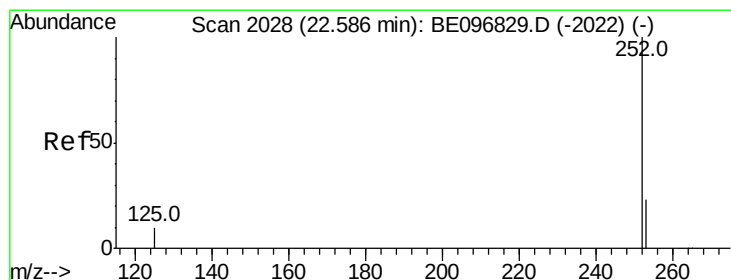
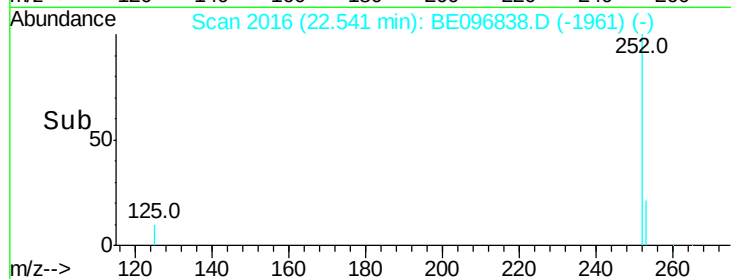
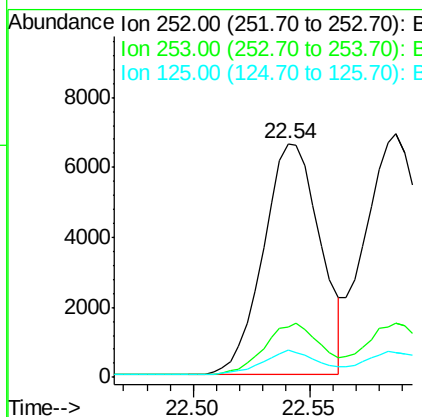
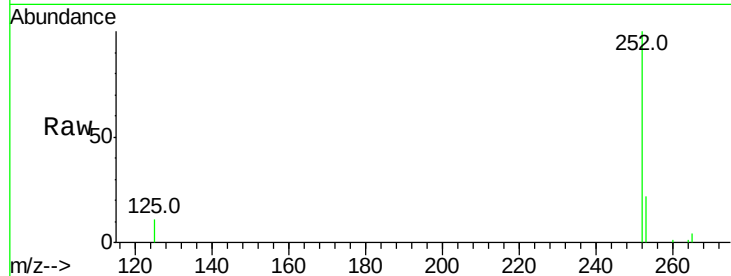




#35
Benzo(b)fluoranthene
Concen: 0.311 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

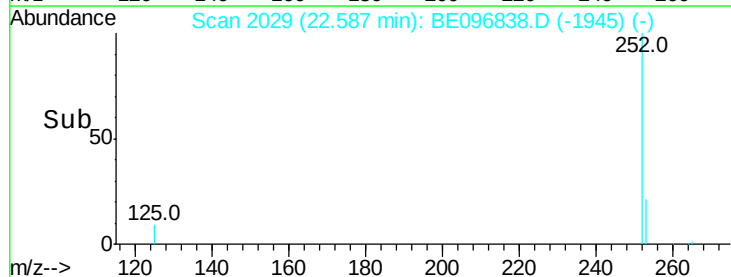
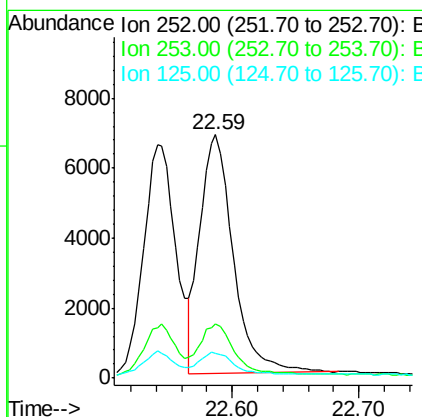
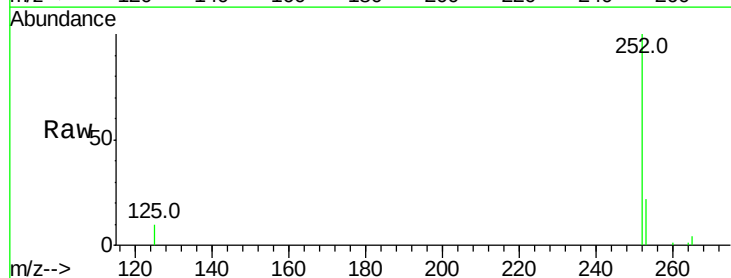
Instrument :
BNA_E
ClientSampleId :

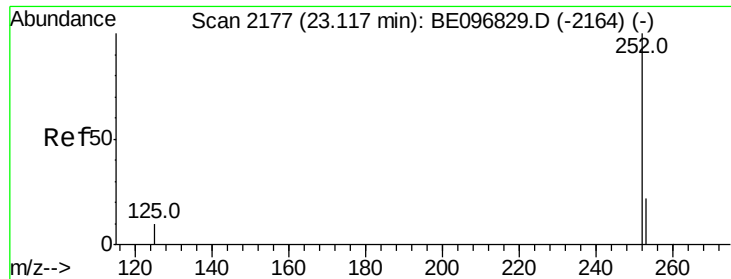
Tot Ion:252 Resp: 11251
Ion Ratio Lower Upper
252 100
253 21.7 20.0 30.0
125 11.5 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 22.59 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Tgt Ion:252 Resp: 12424
Ion Ratio Lower Upper
252 100
253 22.2 16.0 24.0
125 10.4 8.0 12.0

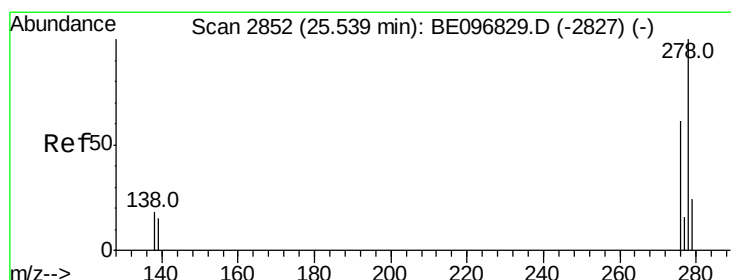
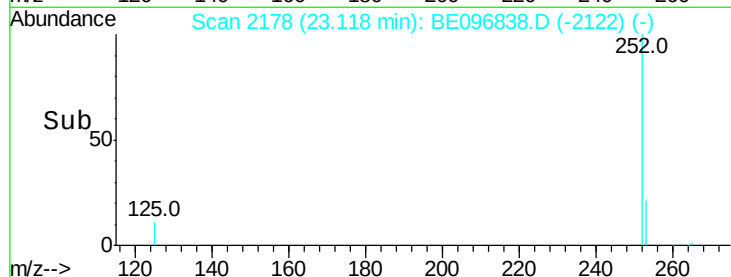
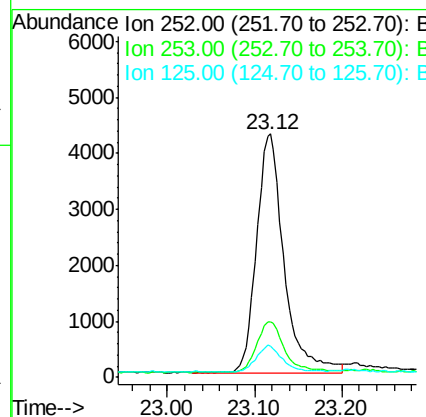
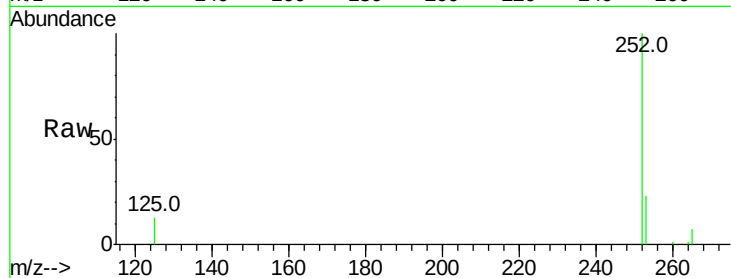




#37
Benzo(a)pyrene
Concen: 0.326 ng
RT: 23.12 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

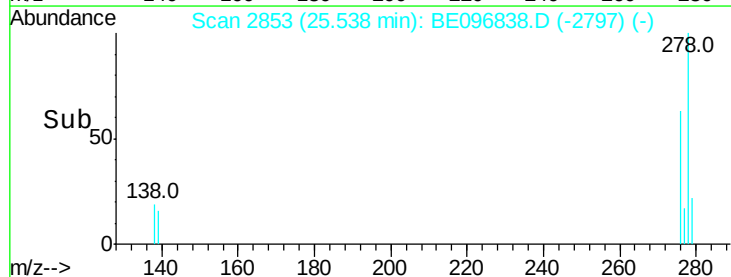
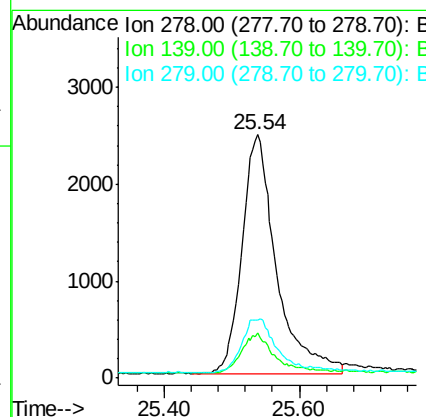
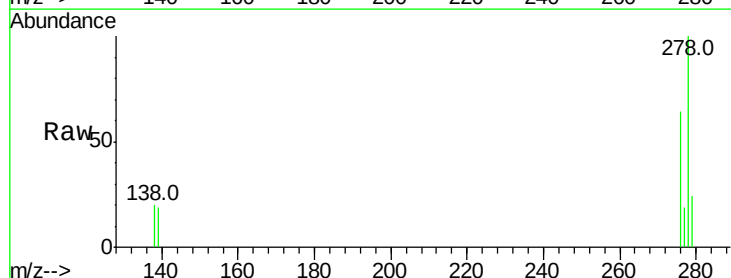
Instrument :
BNA_E
ClientSampleId :

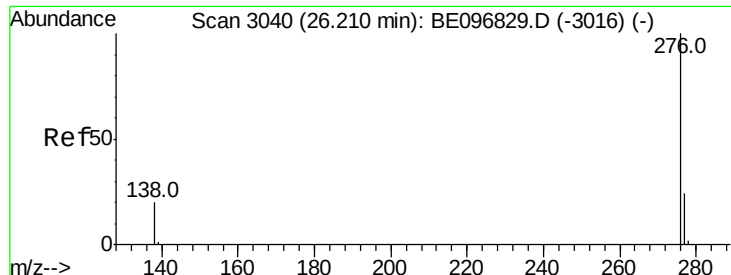
Tot Ion:252 Resp: 9371
Ion Ratio Lower Upper
252 100
253 22.7 16.0 24.0
125 12.7 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.334 ng
RT: 25.54 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE096838.D
Acq: 21 Jun 2018 10:43

Tgt Ion:278 Resp: 8730
Ion Ratio Lower Upper
278 100
139 18.6 16.0 24.0
279 23.7 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.316 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE096838.D

Acq: 21 Jun 2018 10:43

Instrument :

BNA_E

ClientSampleId :

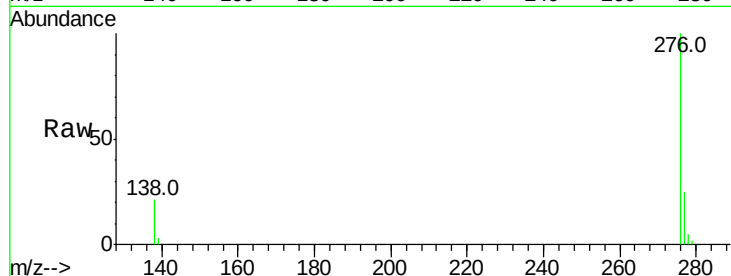
Tot Ion:276 Resp: 10170

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 21.2 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

