

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
 Data File : BE097652.D
 Acq On : 25 Sep 2018 9:54
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 11:55:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 18:40:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	716	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3558	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2428	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7661	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7703	0.40	ng	0.00
34) Perylene-d12	23.21	264	7745	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	703	0.37	ng	0.00
5) Phenol-d6	6.62	99	842	0.32	ng	0.00
8) Nitrobenzene-d5	8.54	82	899	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2064	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	343	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3183	0.40	ng	0.00
25) Fluoranthene-d10	18.80	212	30280	0.36	ng	0.00
29) Terphenyl-d14	19.42	244	5985	0.39	ng	0.00

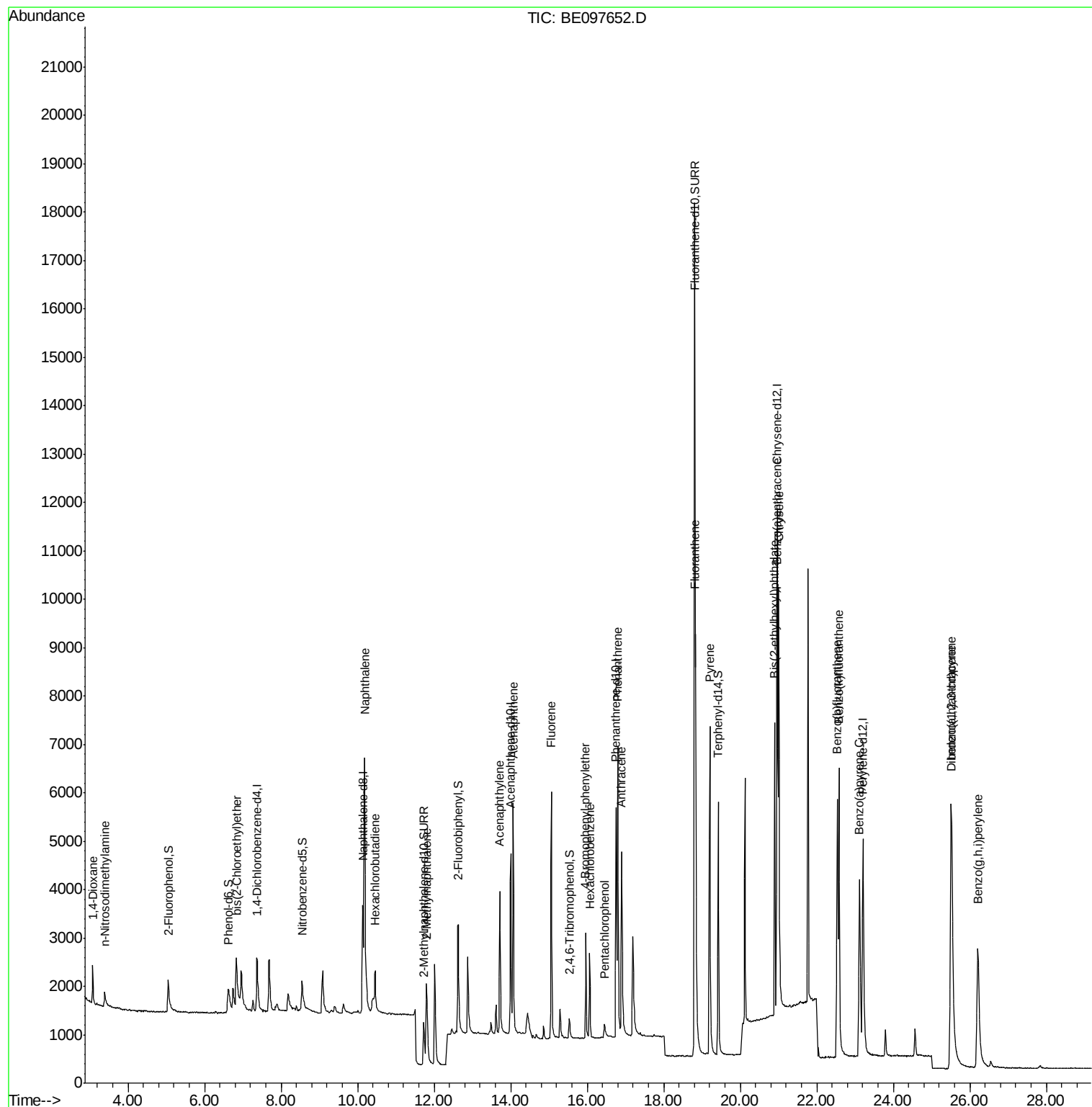
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	471	0.380	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	326	0.406	ng	# 95
6) bis(2-Chloroethyl)ether	6.84	93	931	0.420	ng	# 64
9) Naphthalene	10.18	128	12977	0.401	ng	99
10) Hexachlorobutadiene	10.46	225	573	0.390	ng	97
12) 2-Methylnaphthalene	11.80	142	2064	0.403	ng	97
16) Acenaphthylene	13.72	152	3720	0.381	ng	100
17) Acenaphthene	14.06	154	2551	0.400	ng	95
18) Fluorene	15.06	166	3471	0.387	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1274	0.375	ng	# 82
21) Hexachlorobenzene	16.07	284	1529	0.390	ng	# 83
22) Pentachlorophenol	16.45	266	268	0.363	ng	86
23) Phenanthrene	16.80	178	6969	0.385	ng	99
24) Anthracene	16.89	178	5537	0.368	ng	95
26) Fluoranthene	18.83	202	7996	0.368	ng	98
28) Pyrene	19.20	202	8108	0.403	ng	100
30) Benzo(a)anthracene	20.95	228	6616	0.364	ng	97
31) Chrysene	21.00	228	8829	0.414	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	7962	0.383	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	9854	0.439	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7247	0.366	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	9438	0.403	ng	95
37) Benzo(a)pyrene	23.11	252	7510	0.384	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	8023	0.390	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	7819	0.382	ng	# 90

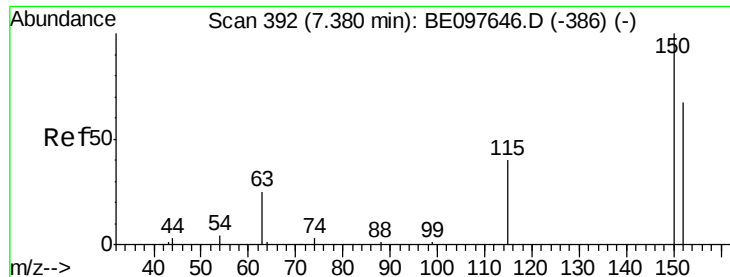
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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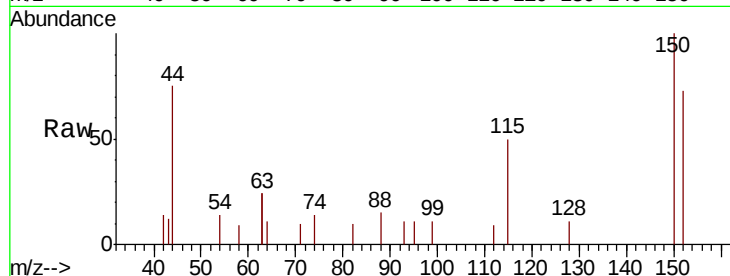


#1

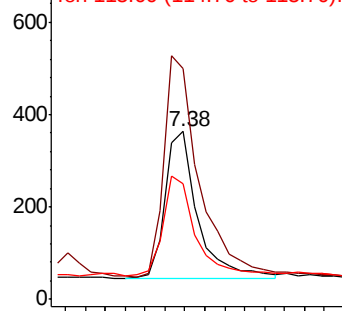
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Instrument :
BNA_E
ClientSampleId :

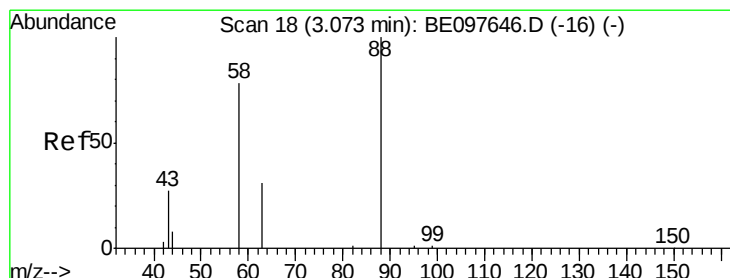
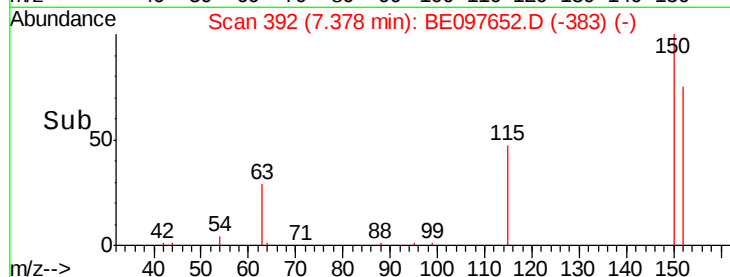
Tot Ion:152 Resp: 716
Ion Ratio Lower Upper
152 100
150 137.5 117.2 175.8
115 68.9 57.0 85.6



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



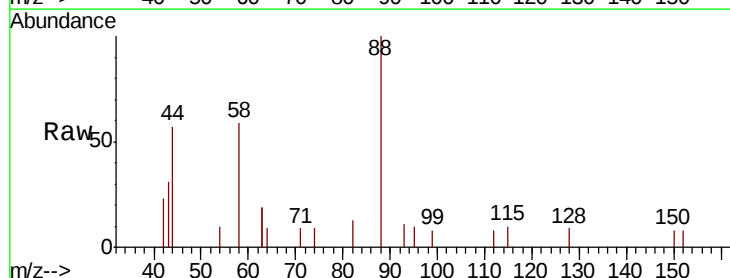
Time-->



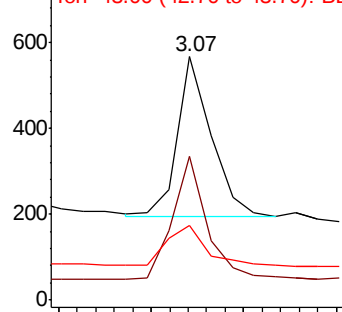
#2

1,4-Dioxane
Concen: 0.380 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

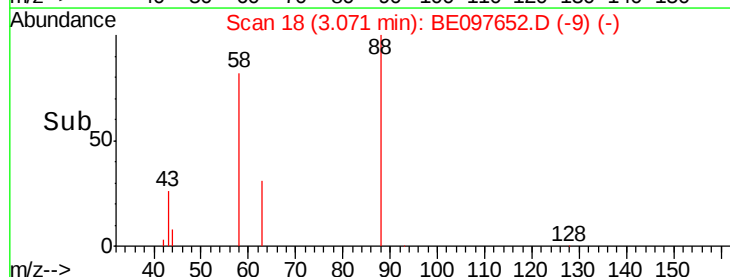
Tgt Ion: 88 Resp: 471
Ion Ratio Lower Upper
88 100
58 79.4 63.2 94.8
43 30.1 41.2 61.8#

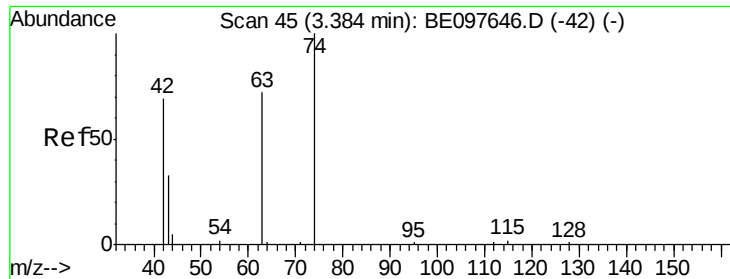


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.406 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampled :

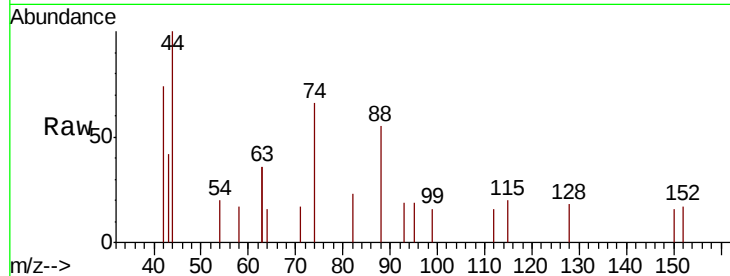
Tot Ion: 42 Resp: 326

Ion Ratio Lower Upper

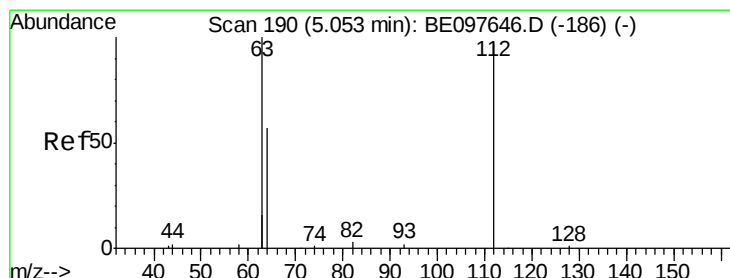
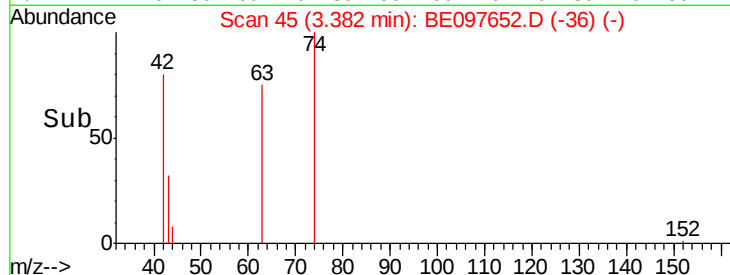
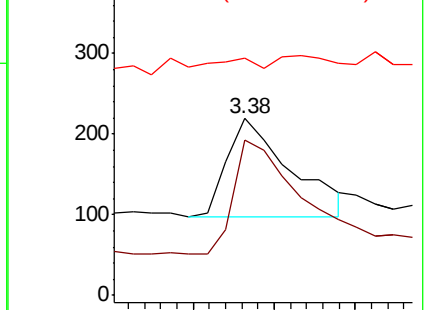
42 100

74 121.2 96.0 144.0

44 0.0 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: 0.373 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

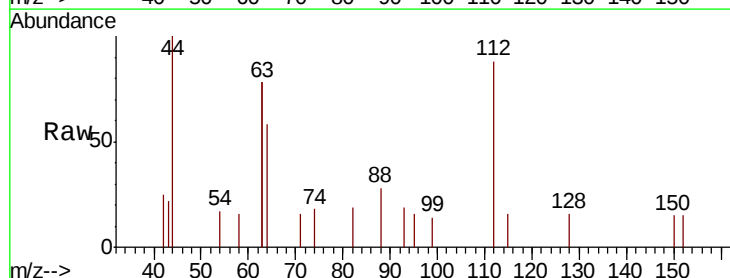
Tgt Ion: 112 Resp: 703

Ion Ratio Lower Upper

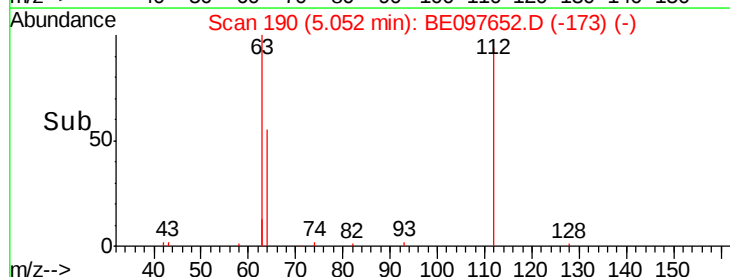
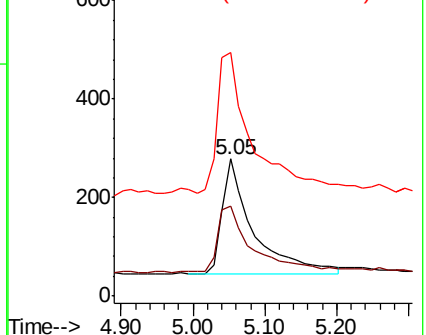
112 100

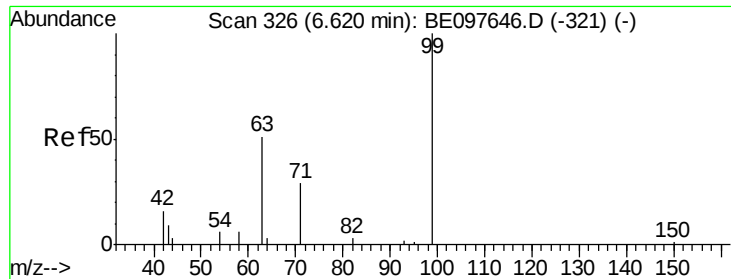
64 65.0 60.1 90.1

63 137.0 116.8 175.2



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: 0.316 ng

RT: 6.62 min Scan# 326

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

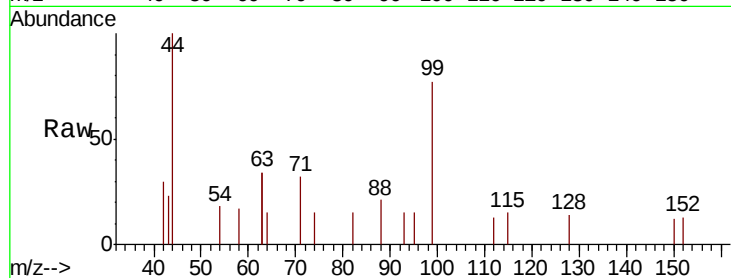
Tot Ion: 99 Resp: 842

Ion Ratio Lower Upper

99 100

42 21.5 20.2 30.2

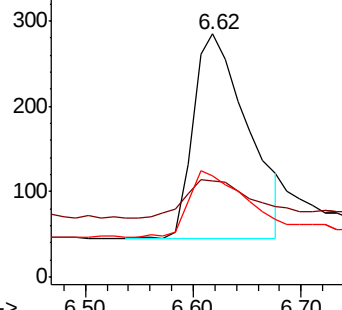
71 33.4 28.4 42.6



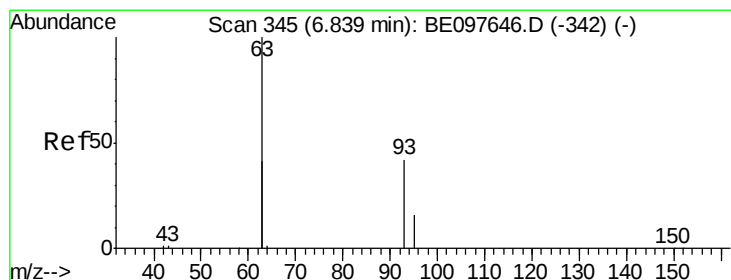
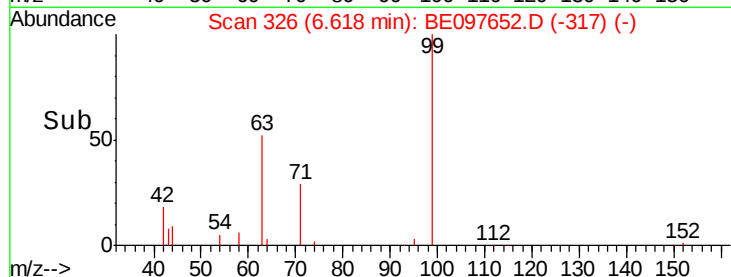
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

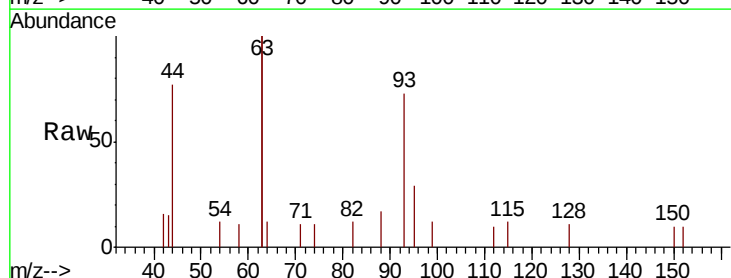
Tgt Ion: 93 Resp: 931

Ion Ratio Lower Upper

93 100

63 259.1 275.3 412.9#

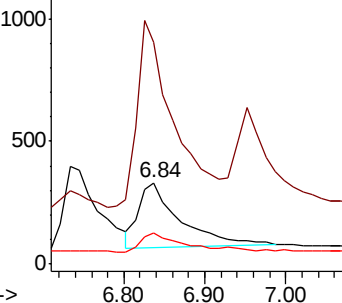
95 31.8 25.2 37.8



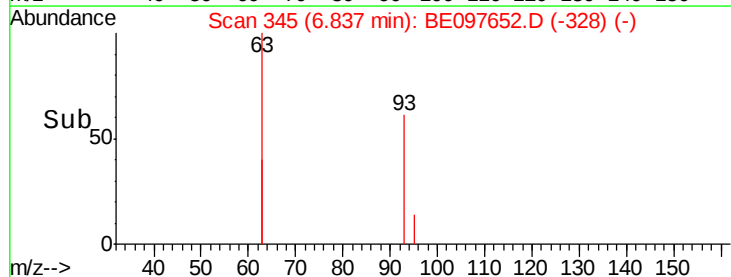
Abundance Ion 93.00 (92.70 to 93.70): BE0

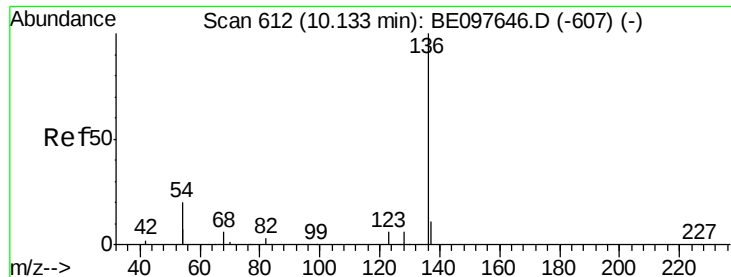
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3558

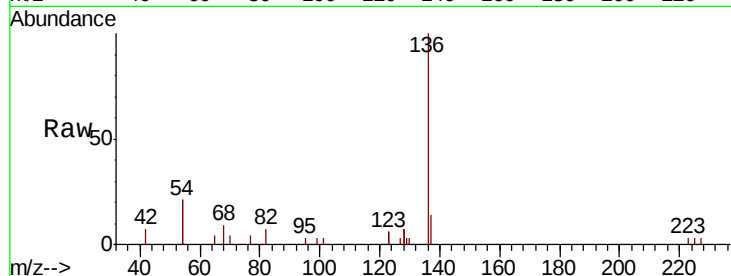
Ion Ratio Lower Upper

136 100

137 14.0 9.5 14.3

54 41.8 29.1 43.7

68 8.7 6.2 9.2

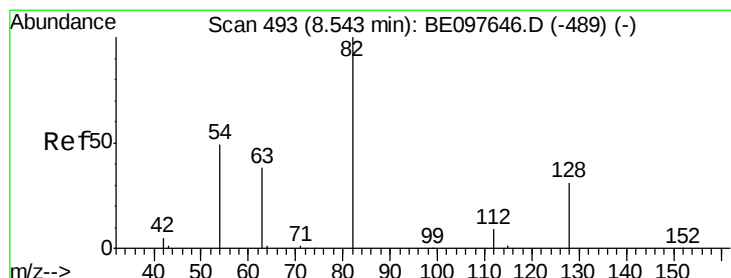
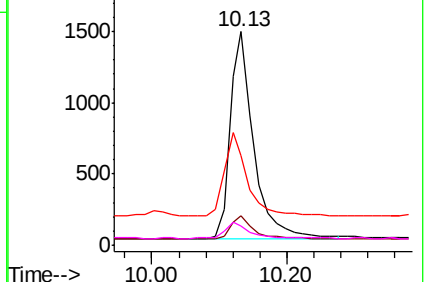
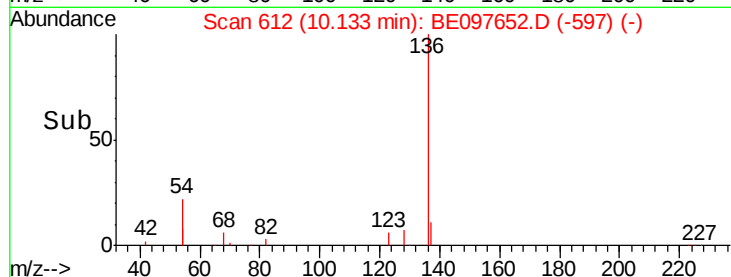


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.412 ng

RT: 8.54 min Scan# 493

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

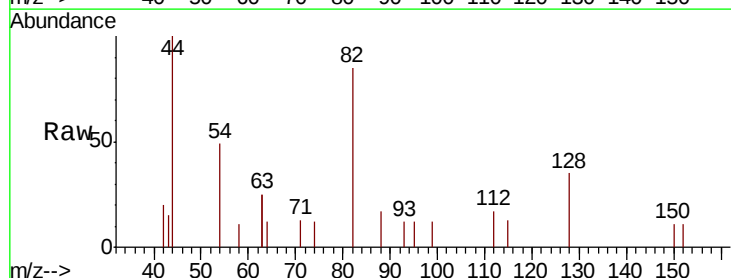
Tgt Ion: 82 Resp: 899

Ion Ratio Lower Upper

82 100

128 41.0 24.0 36.0#

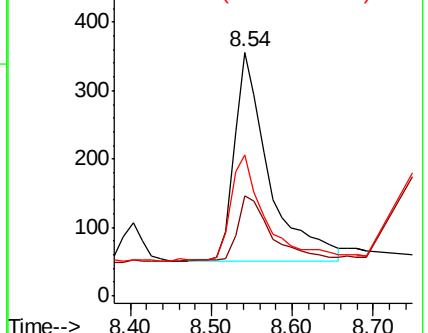
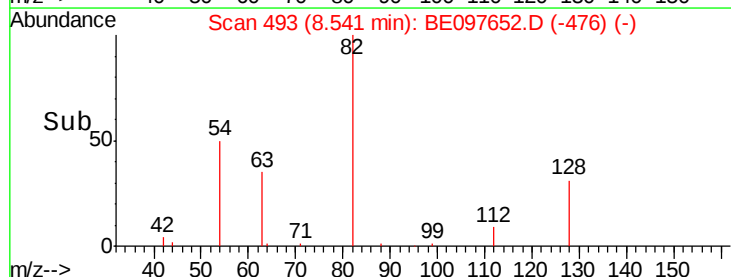
54 57.9 40.0 60.0

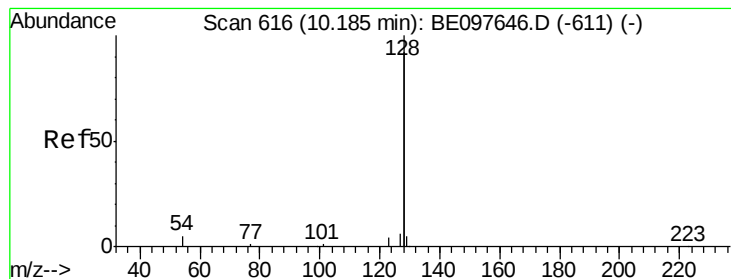


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

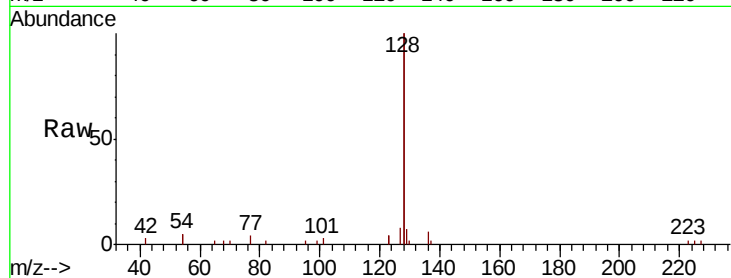
Tot Ion:128 Resp: 12977

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

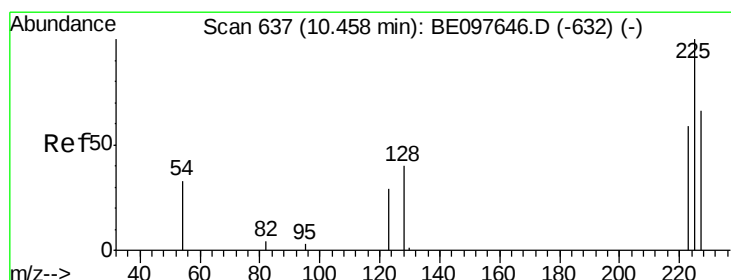
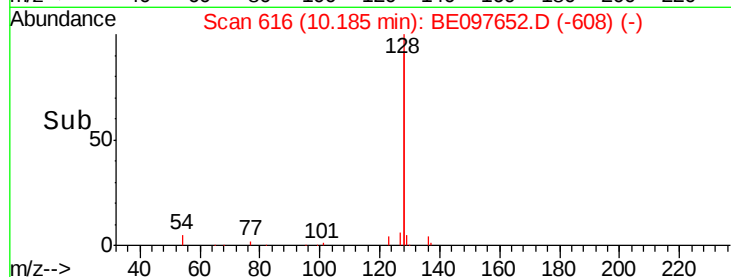
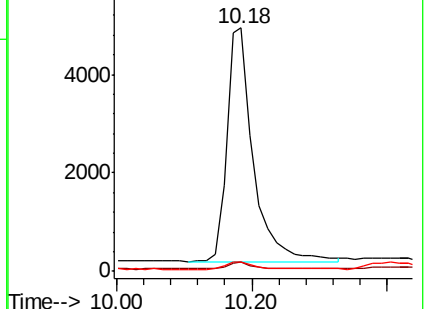
127 3.9 2.8 4.2



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: 0.390 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

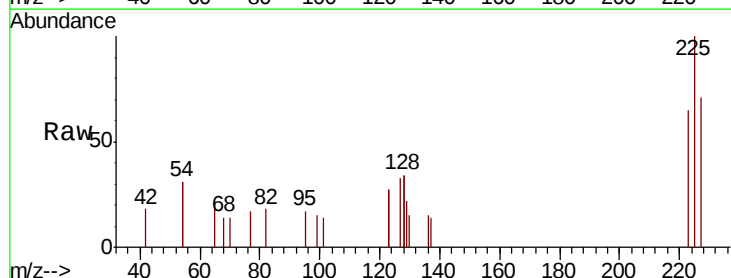
Tgt Ion:225 Resp: 573

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

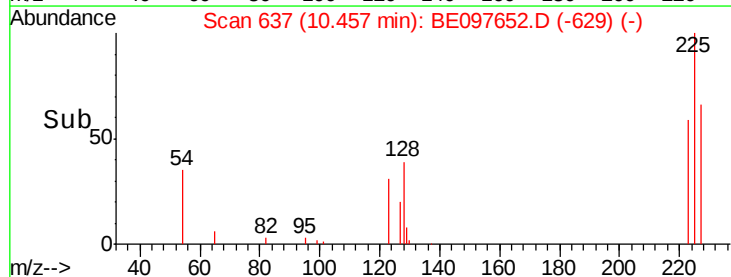
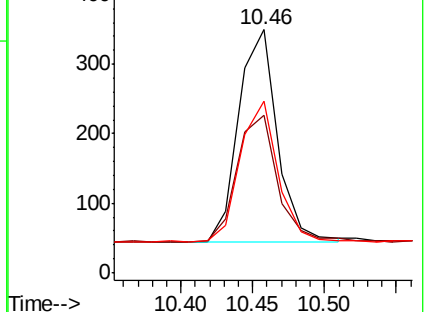
227 65.3 51.4 77.2

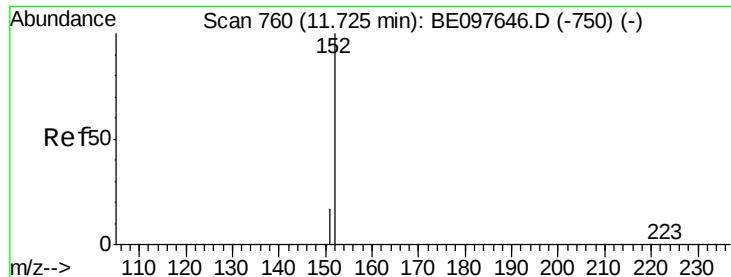


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

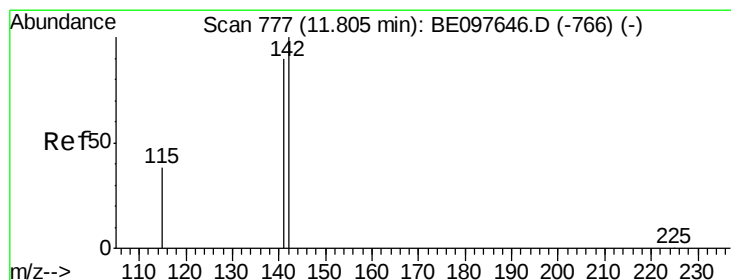
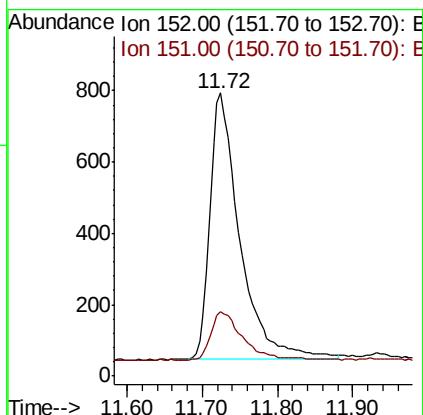
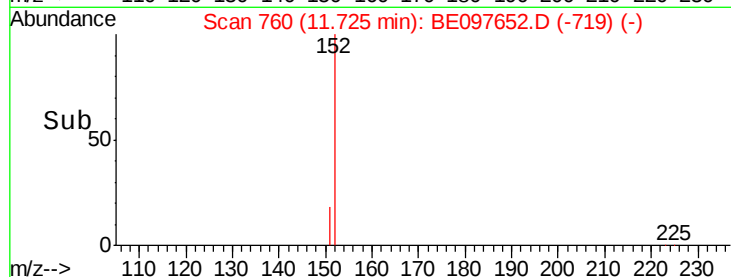
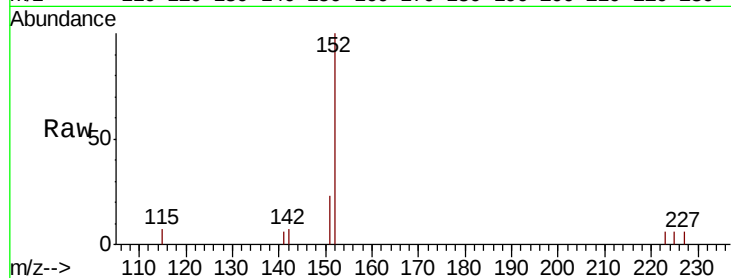




#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

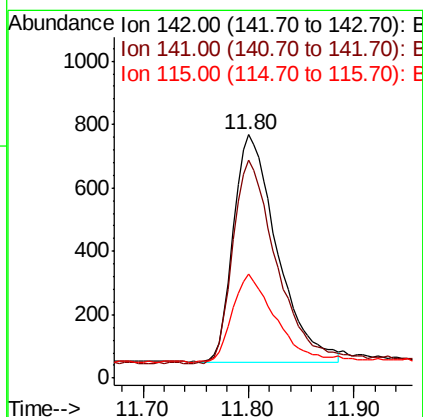
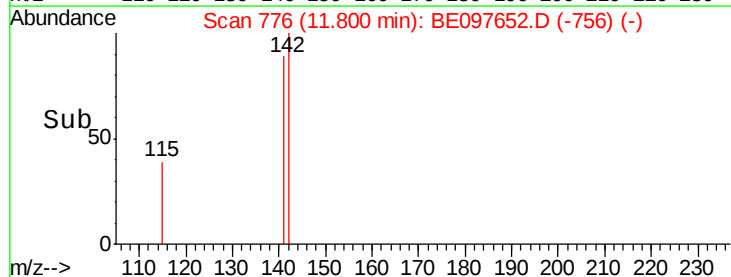
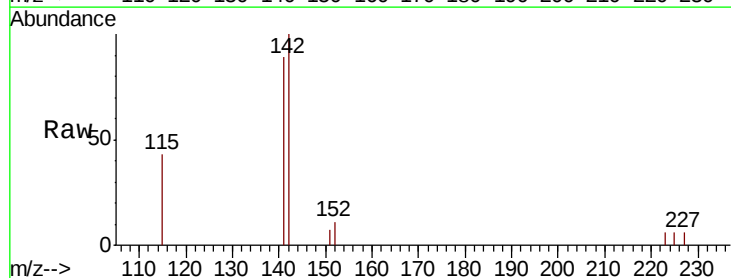
Instrument :
BNA_E
ClientSampleId :

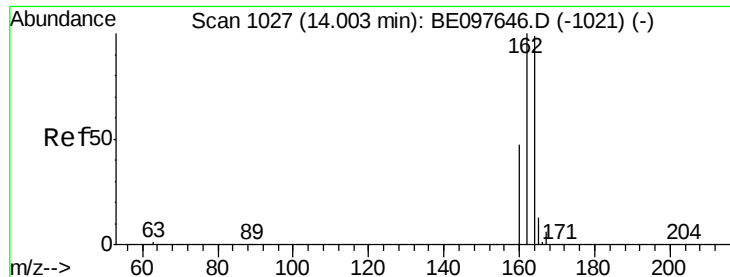
Tot Ion:152 Resp: 2064
Ion Ratio Lower Upper
152 100
151 18.5 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Tgt Ion:142 Resp: 2064
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6
115 42.7 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

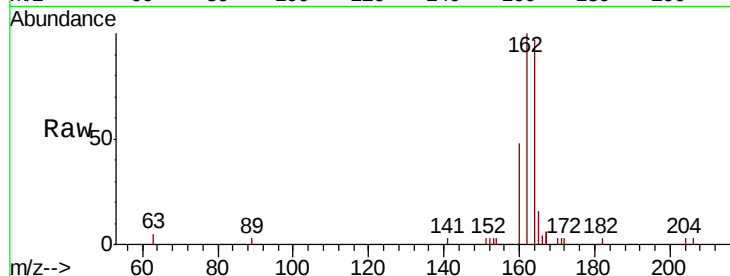
Tot Ion:164 Resp: 2428

Ion Ratio Lower Upper

164 100

162 103.3 83.1 124.7

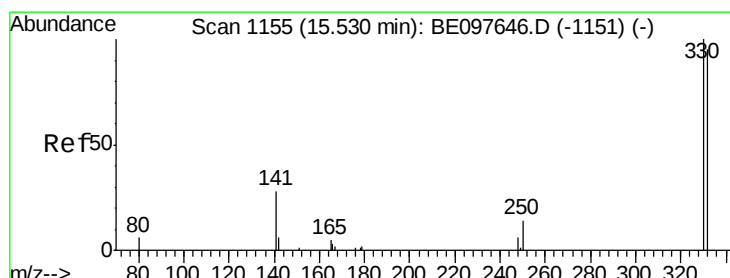
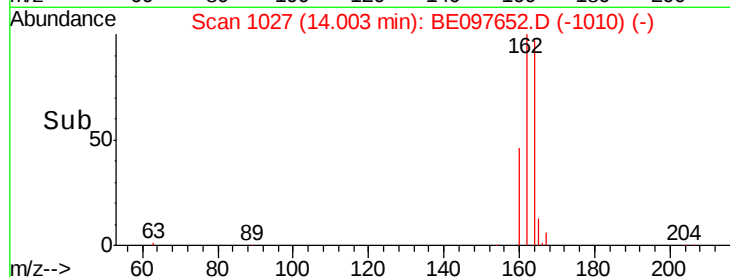
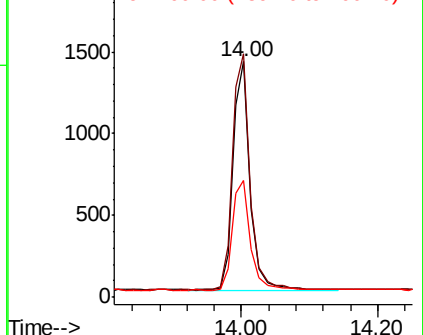
160 49.3 37.1 55.7



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: 0.362 ng

RT: 15.53 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

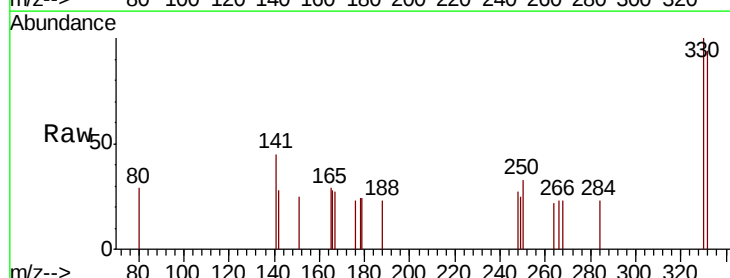
Tgt Ion:330 Resp: 343

Ion Ratio Lower Upper

330 100

332 99.4 152.7 229.1#

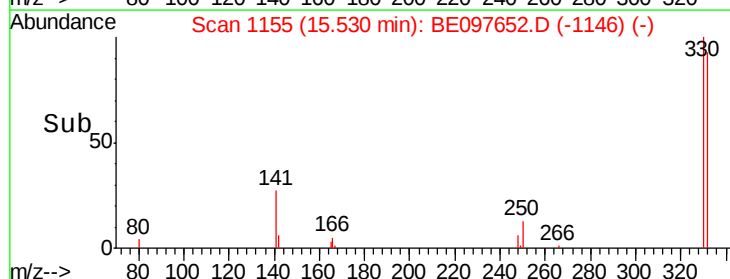
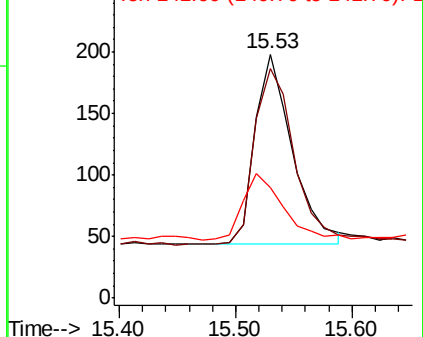
141 37.3 33.7 50.5

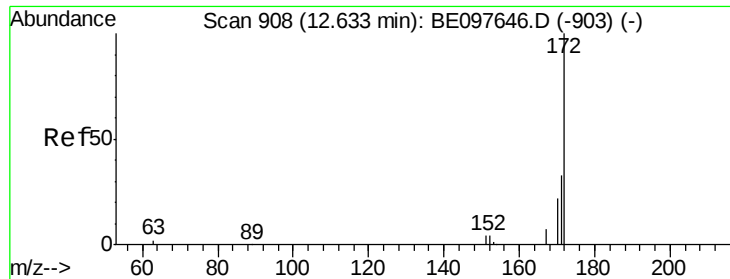


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

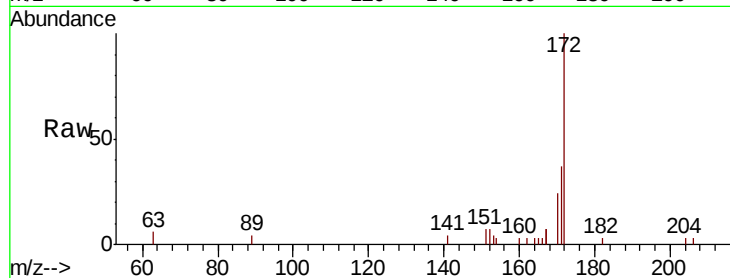




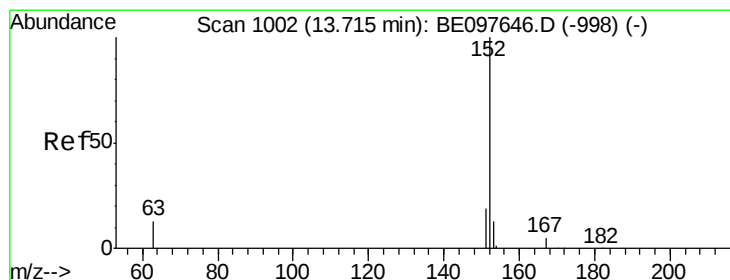
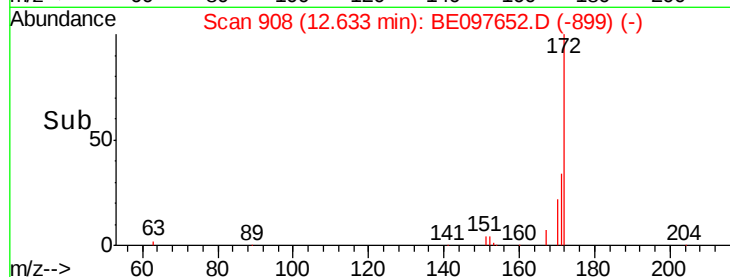
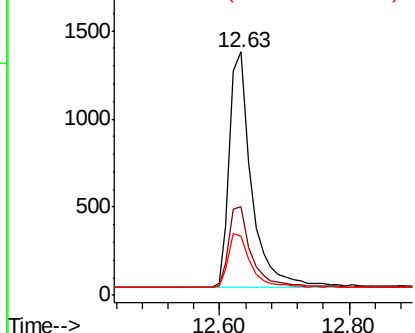
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3183
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.4 21.8 32.8

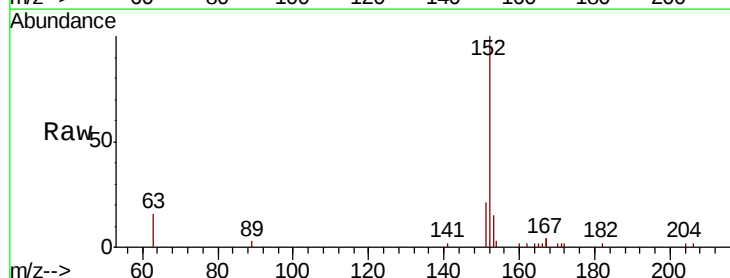


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

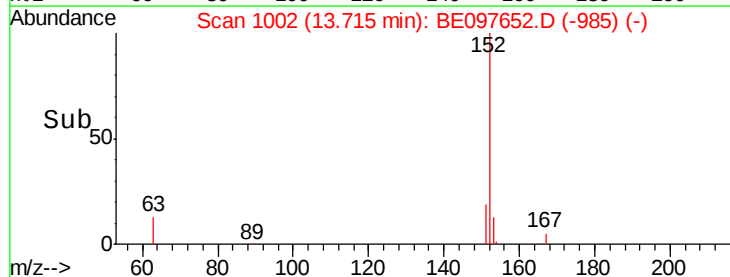
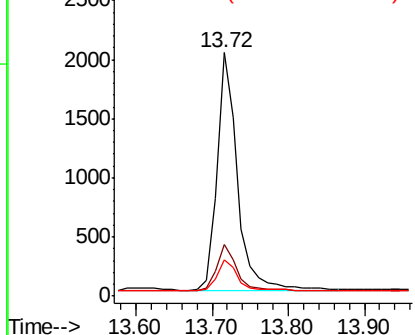


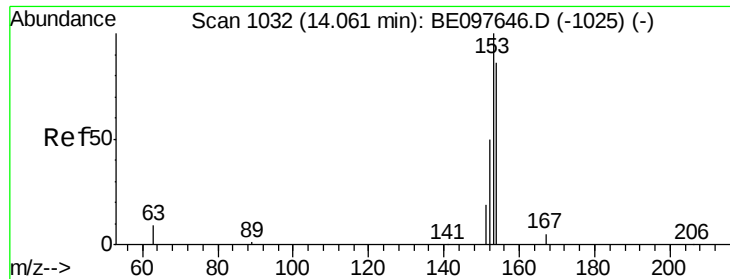
#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Tgt Ion:152 Resp: 3720
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.4 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

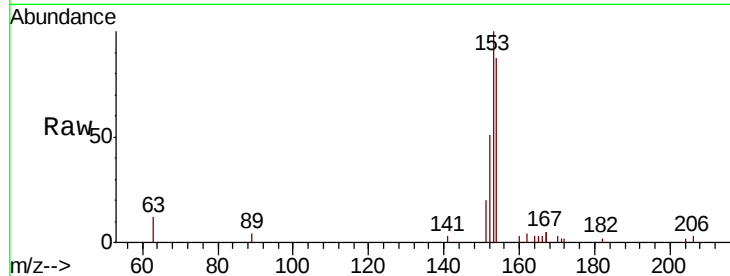




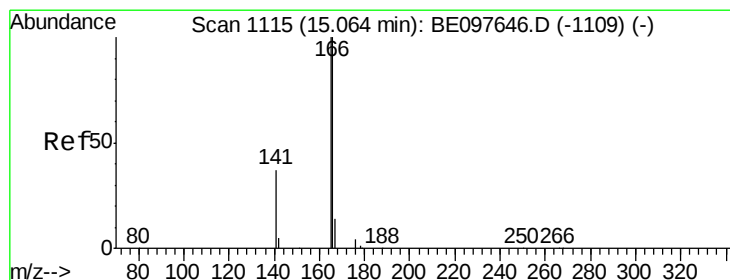
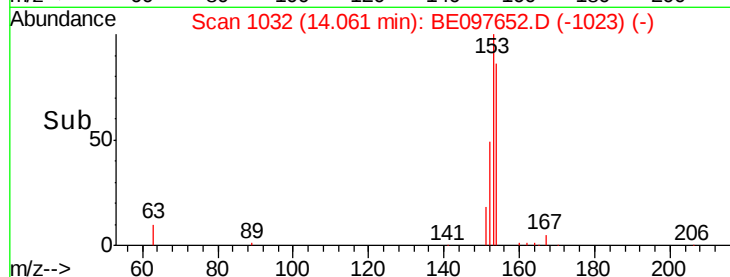
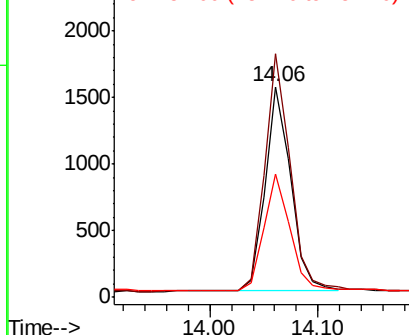
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 2551
Ion Ratio Lower Upper
154 100
153 115.0 89.2 133.8
152 58.2 42.0 63.0

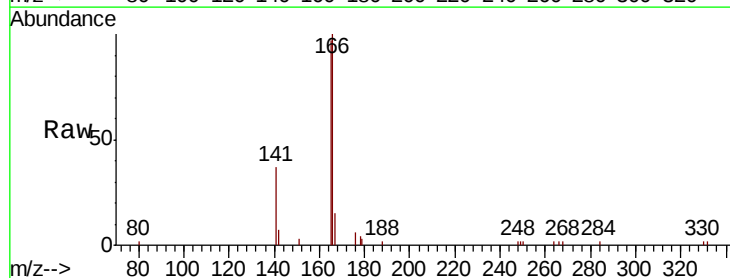


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

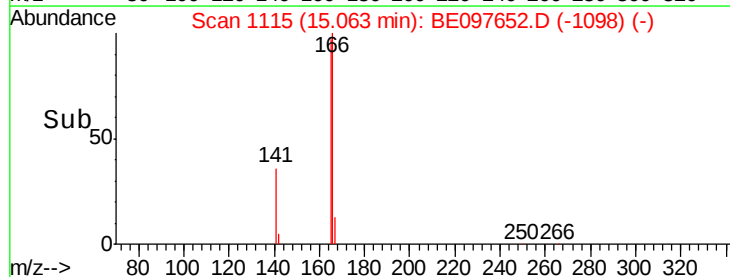
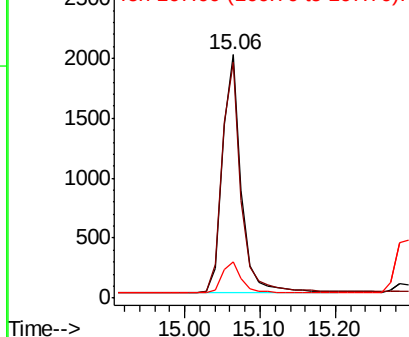


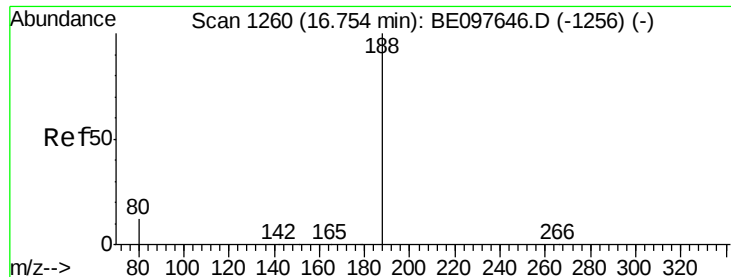
#18
Fluorene
Concen: 0.387 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Tgt Ion:166 Resp: 3471
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.6
167 13.5 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

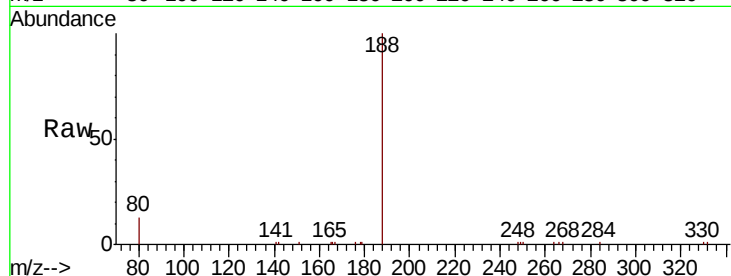




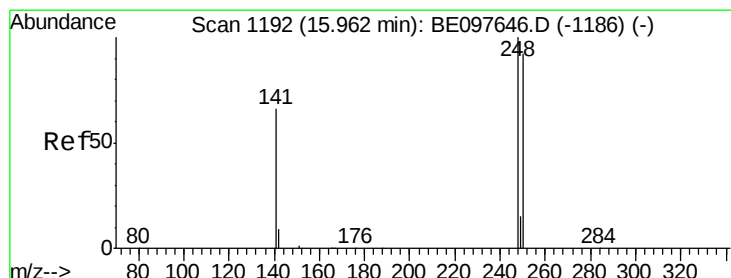
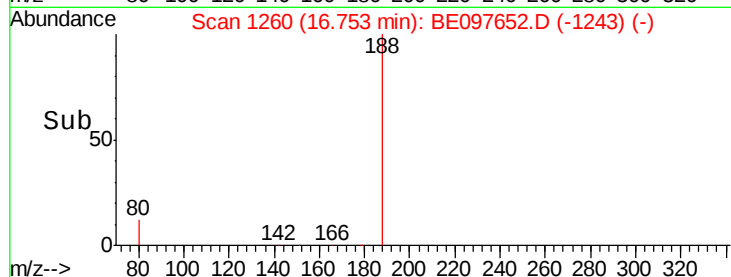
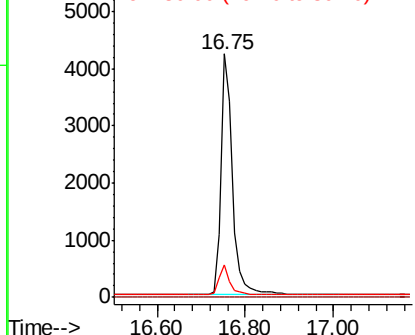
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 7661
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.5 3.6 5.4#

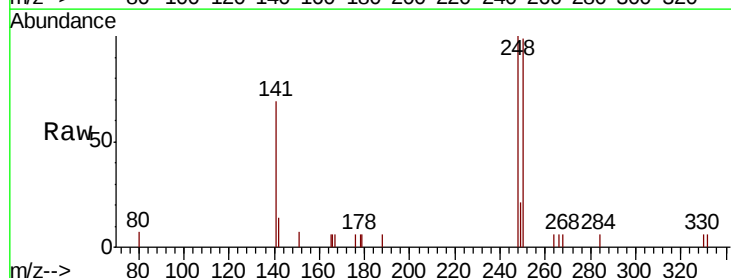


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

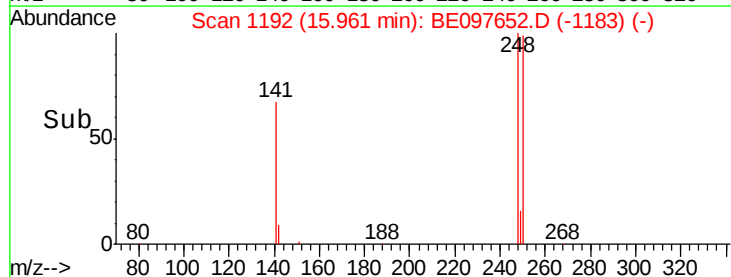
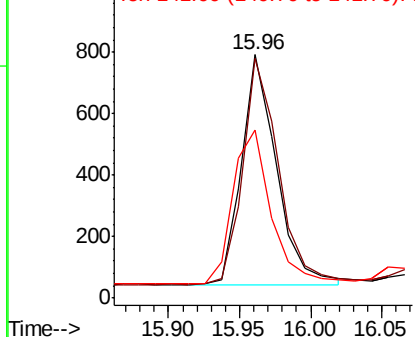


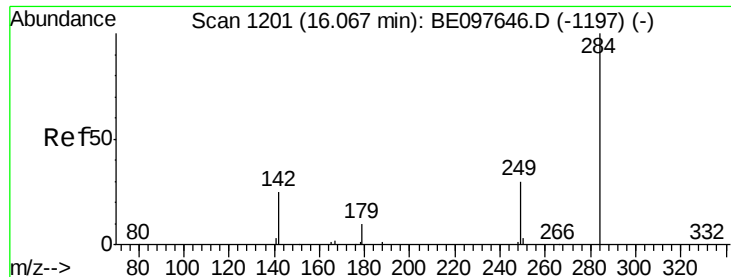
#20
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Tgt Ion:248 Resp: 1274
Ion Ratio Lower Upper
248 100
250 98.7 62.7 94.1#
141 69.1 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

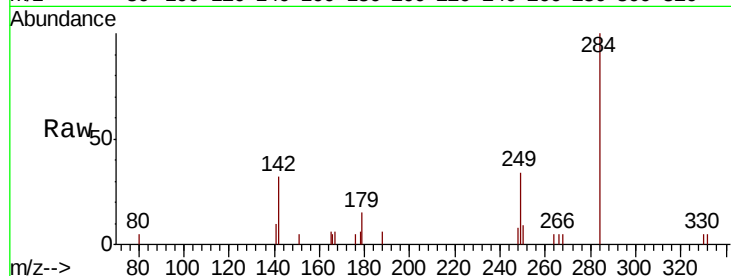




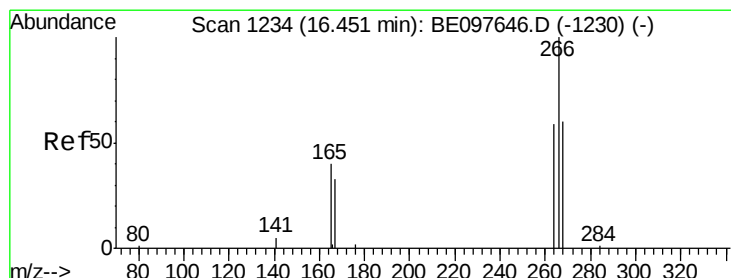
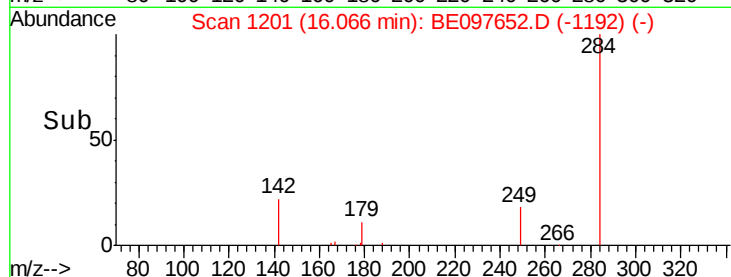
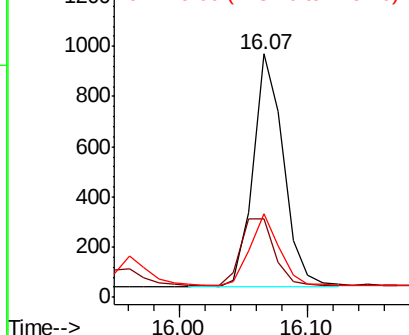
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1529
Ion Ratio Lower Upper
284 100
142 32.1 22.1 33.1
249 29.3 34.8 52.2#

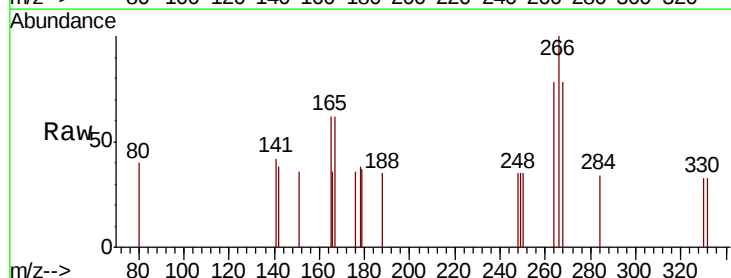


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

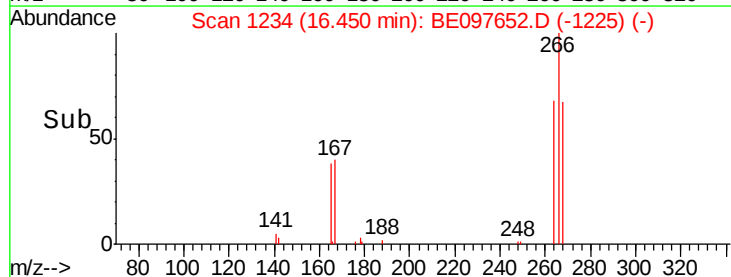
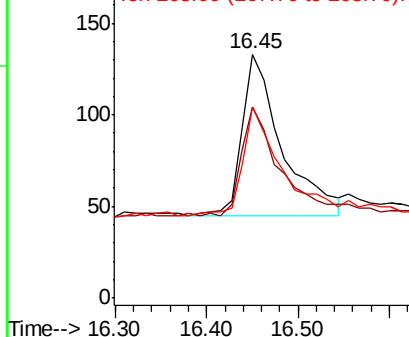


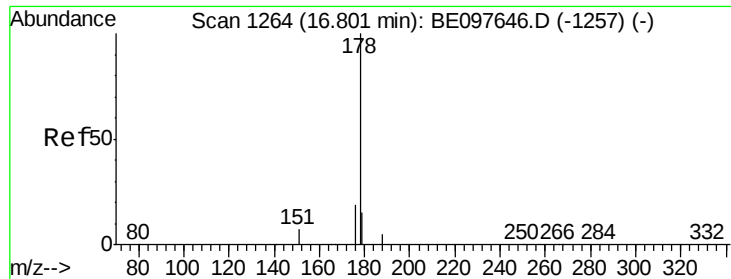
#22
Pentachlorophenol
Concen: 0.363 ng
RT: 16.45 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Tgt Ion:266 Resp: 268
Ion Ratio Lower Upper
266 100
264 78.2 72.5 108.7
268 78.2 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: 0.385 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

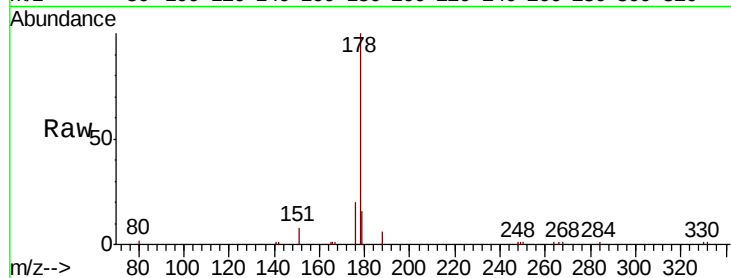
Tot Ion:178 Resp: 6969

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

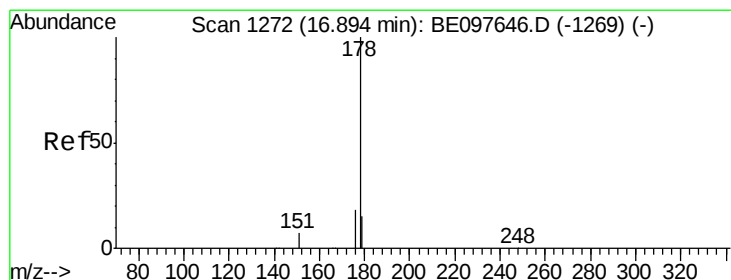
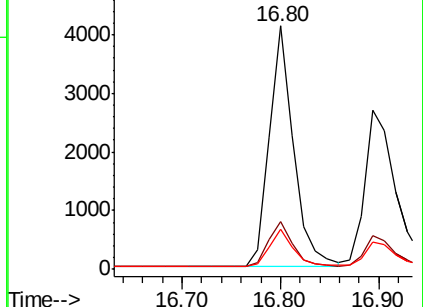
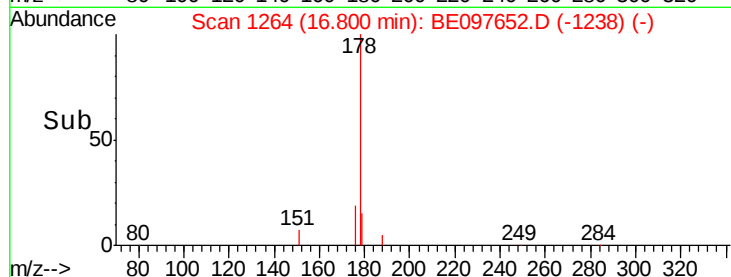
179 15.3 11.8 17.6



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: 0.368 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

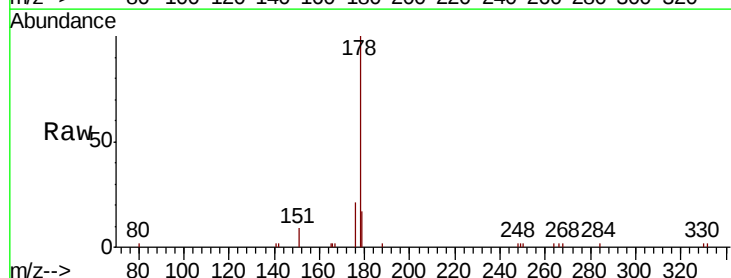
Tgt Ion:178 Resp: 5537

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

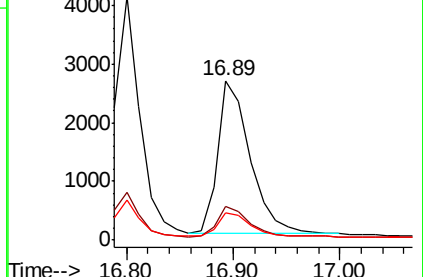
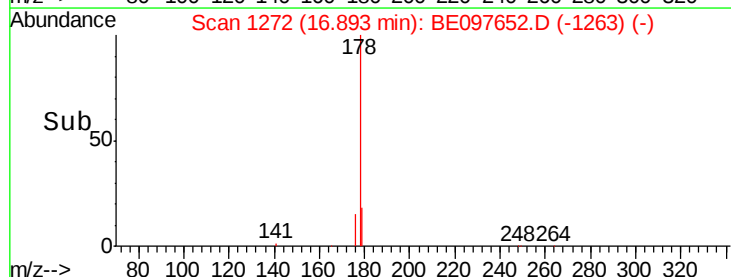
179 15.2 13.0 19.6

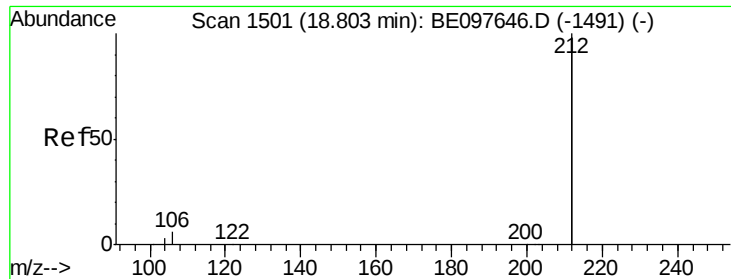


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

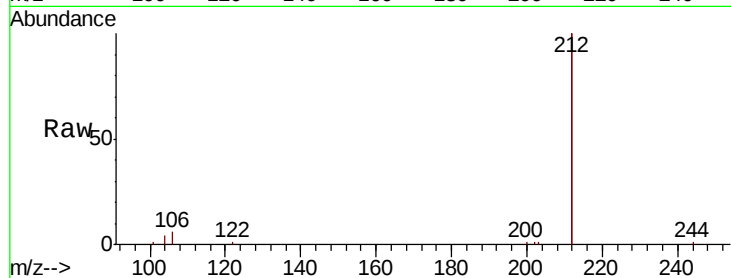
Tot Ion:212 Resp: 30280

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

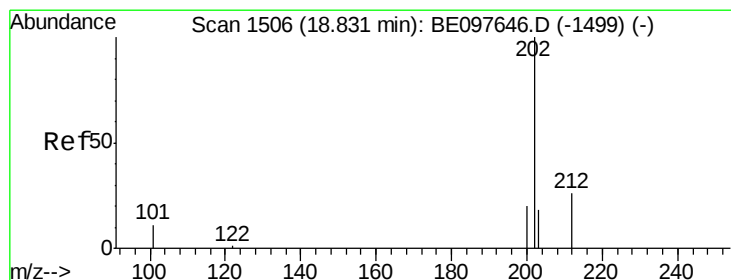
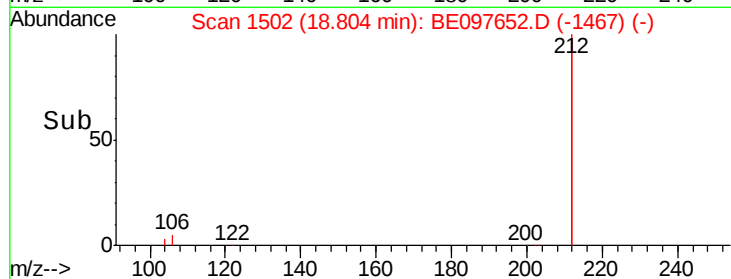
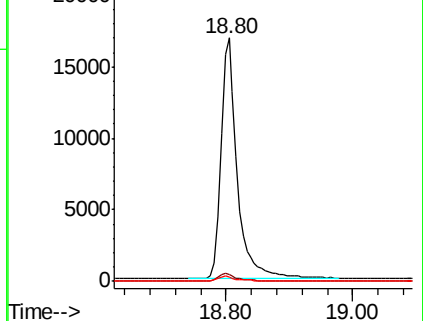
104 1.8 1.6 2.4



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: 0.368 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

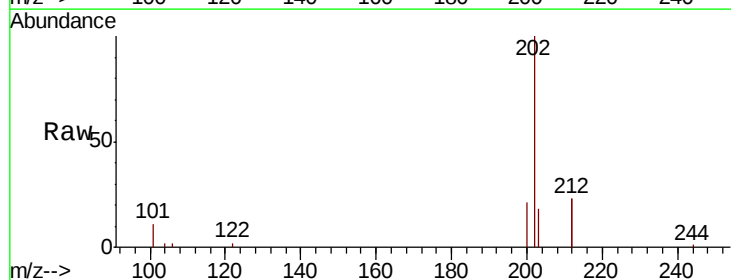
Tgt Ion:202 Resp: 7996

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

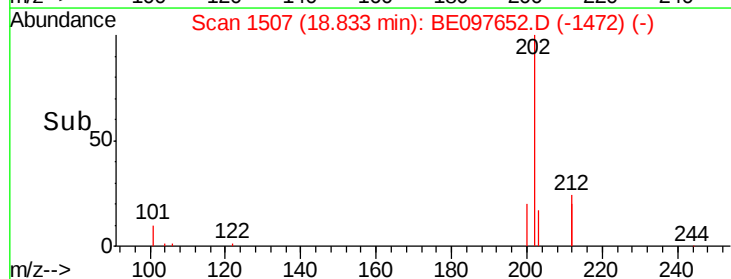
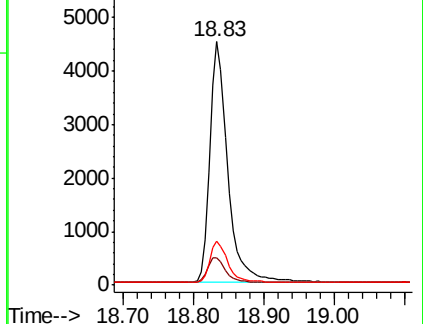
203 17.2 13.7 20.5

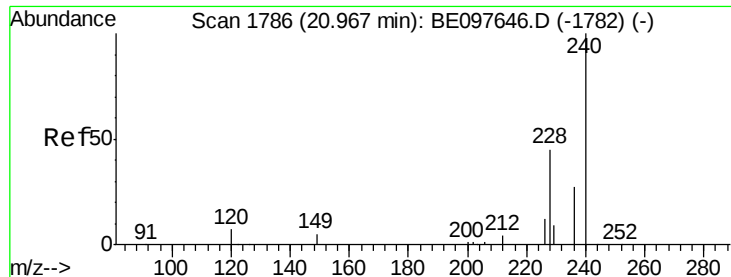


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

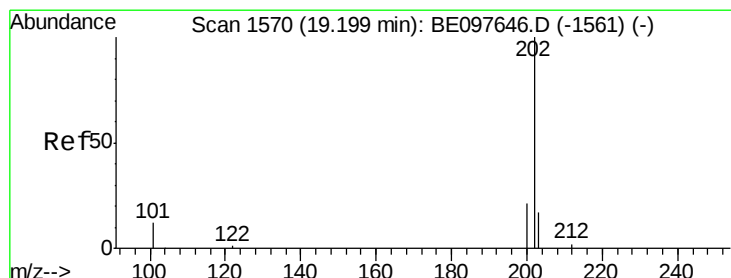
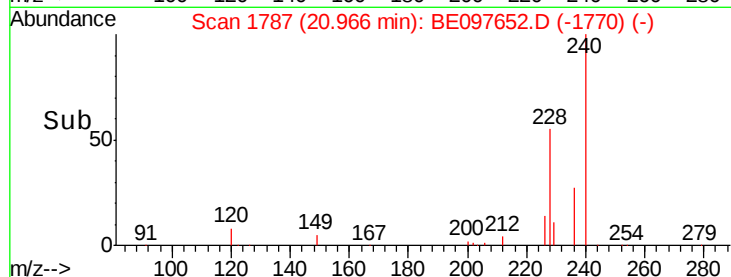
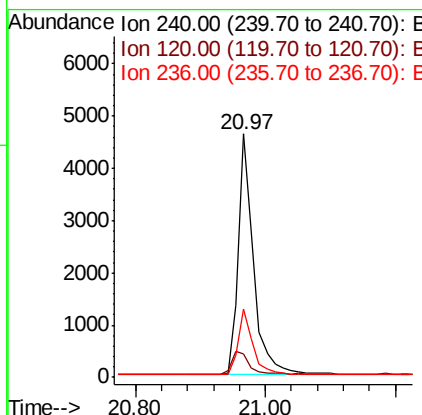
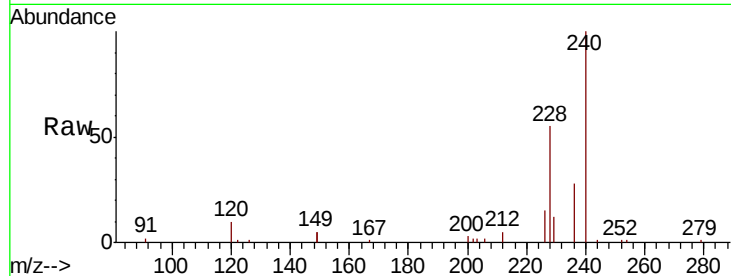




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

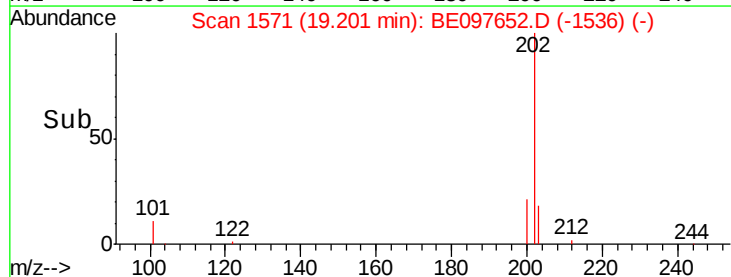
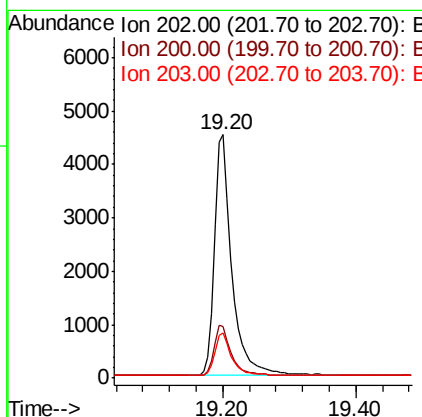
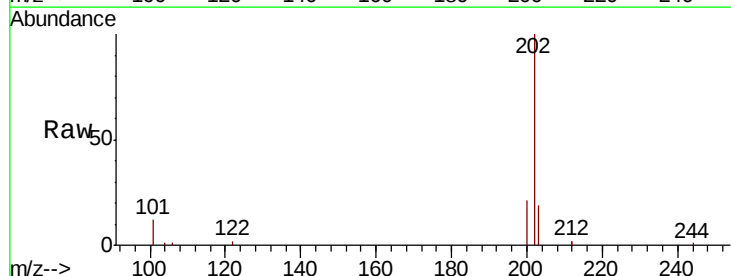
Instrument :
BNA_E
ClientSampleId :

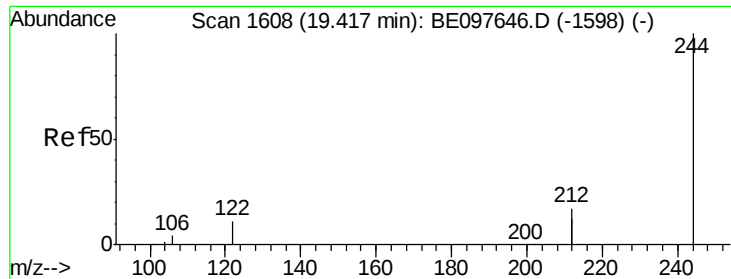
Tot Ion:240 Resp: 7703
Ion Ratio Lower Upper
240 100
120 9.6 5.5 8.3#
236 28.2 20.7 31.1



#28
Pyrene
Concen: 0.403 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097652.D
Acq: 25 Sep 2018 9:54

Tgt Ion:202 Resp: 8108
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.395 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

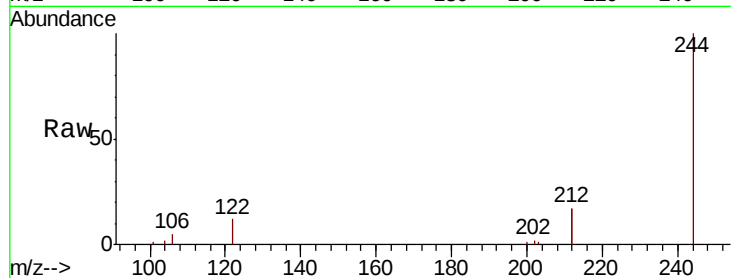
Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampled :



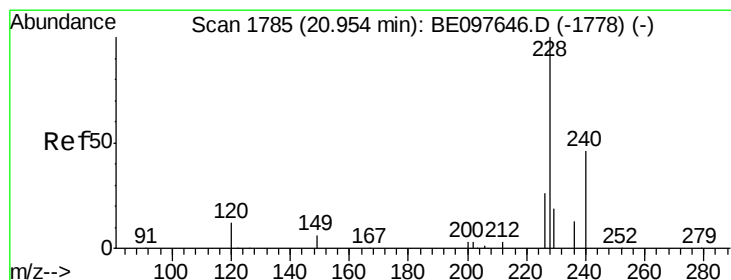
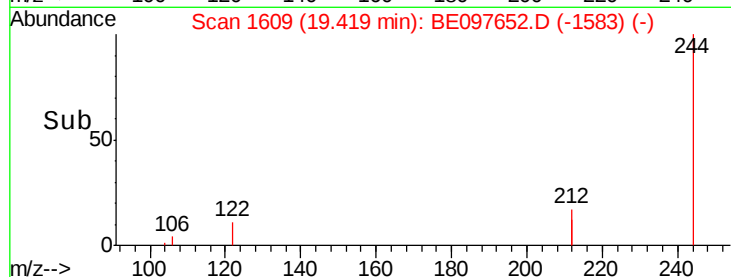
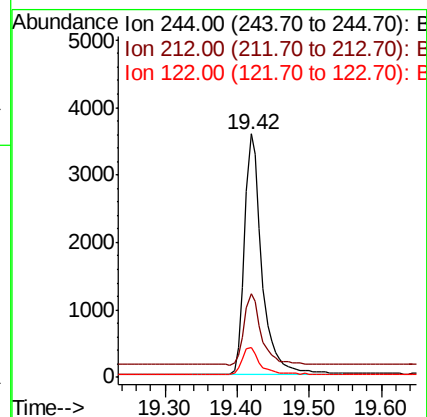
Tot Ion:244 Resp: 5985

Ion Ratio Lower Upper

244 100

212 34.2 25.4 38.0

122 12.4 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.364 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

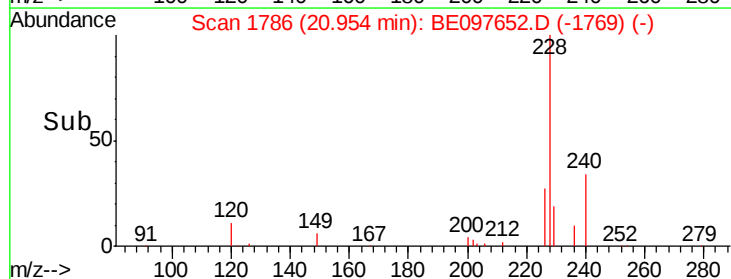
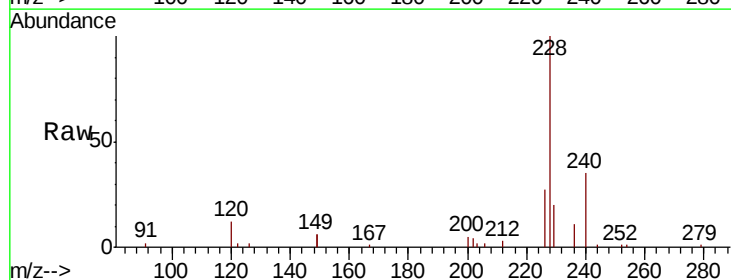
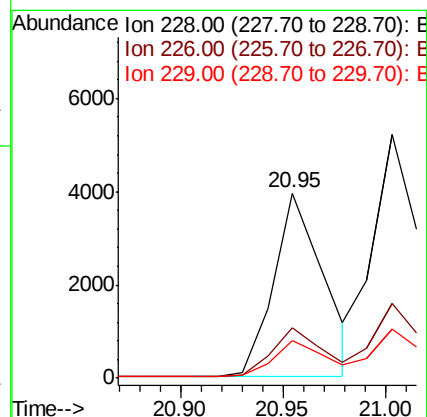
Tgt Ion:228 Resp: 6616

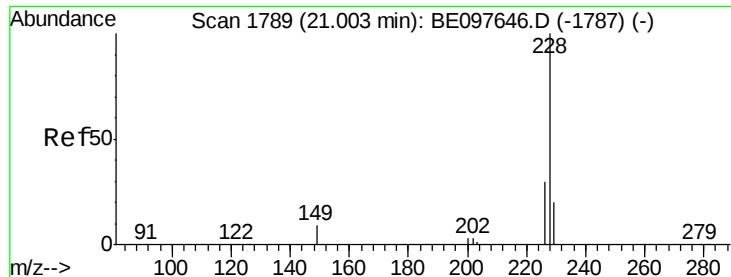
Ion Ratio Lower Upper

228 100

226 27.5 24.0 36.0

229 20.3 16.0 24.0





#31

Chrysene

Concen: 0.414 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

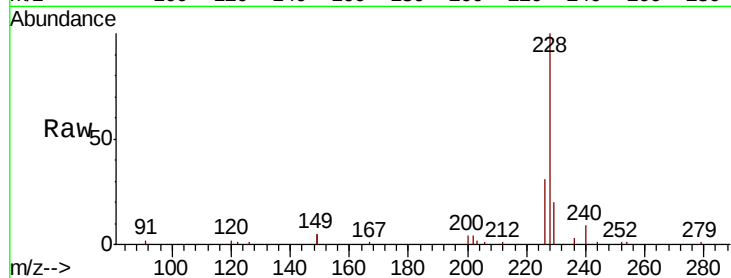
Tot Ion:228 Resp: 8829

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

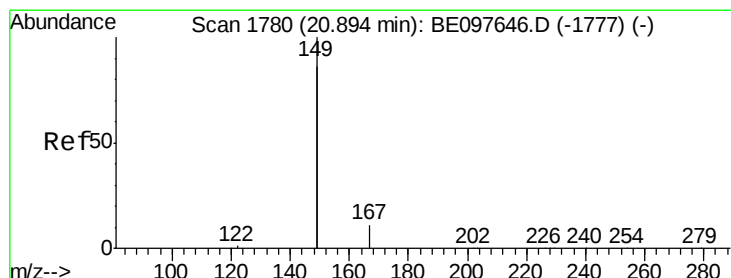
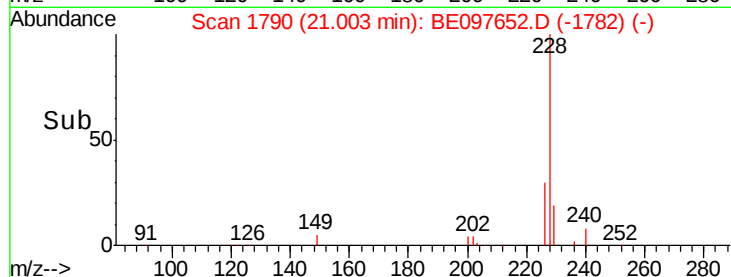
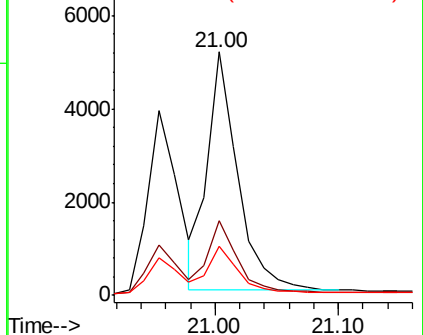
229 20.2 16.0 24.0



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: 0.383 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

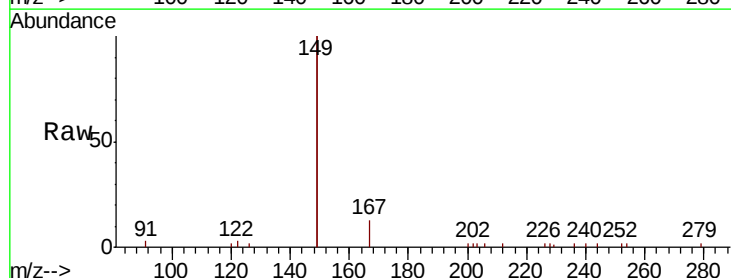
Tgt Ion:149 Resp: 7962

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

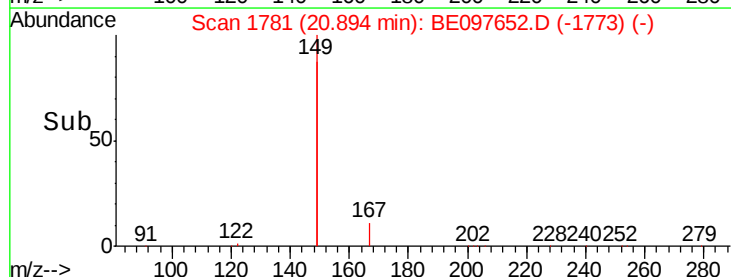
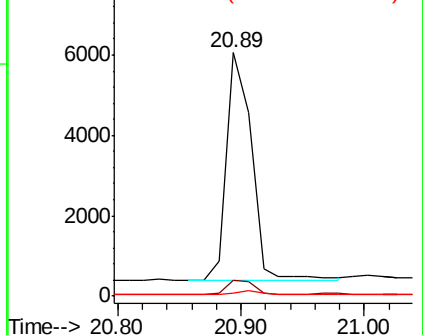
279 1.1 0.7 1.1#

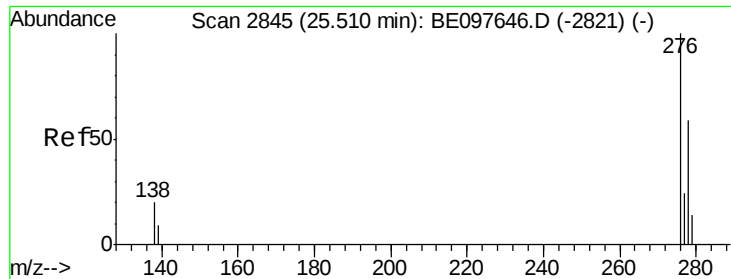


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

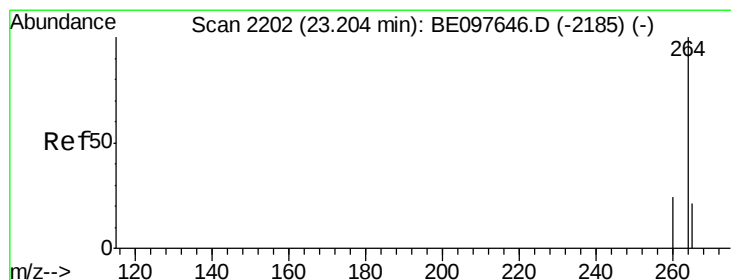
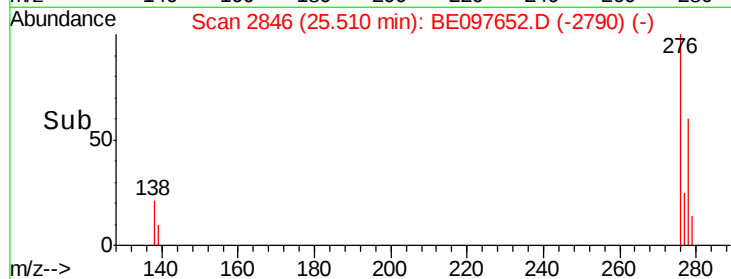
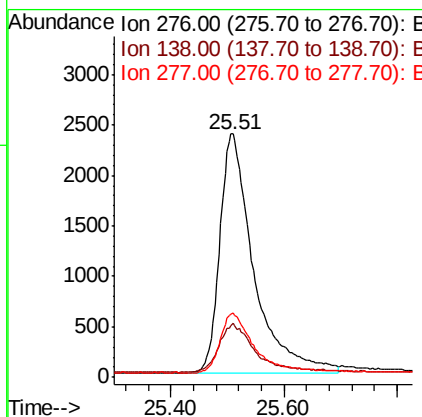
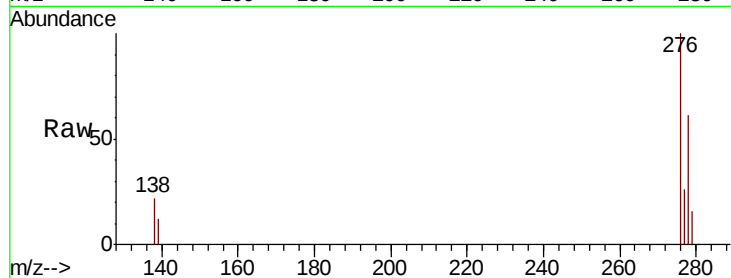




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.439 ng
 RT: 25.51 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BE097652.D
 Acq: 25 Sep 2018 9:54

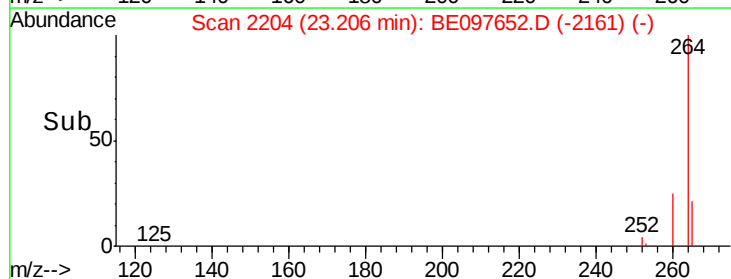
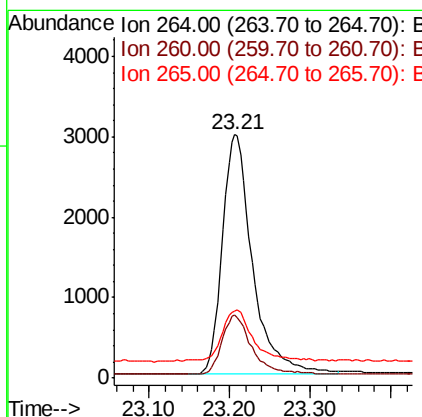
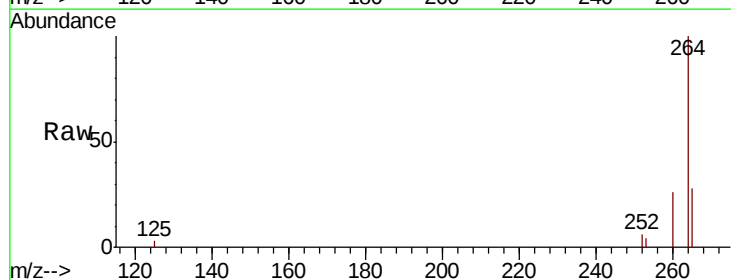
Instrument :
 BNA_E
 ClientSampleId :

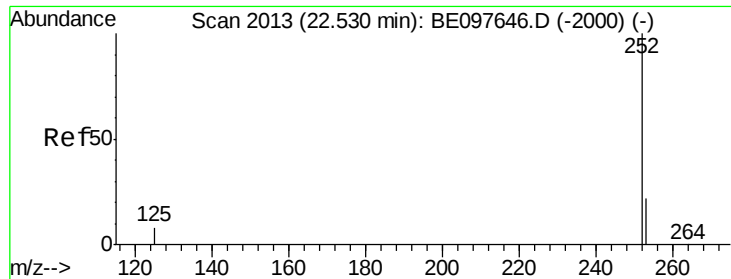
Tot Ion:276 Resp: 9854
 Ion Ratio Lower Upper
 276 100
 138 21.6 22.5 33.7#
 277 24.6 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097652.D
 Acq: 25 Sep 2018 9:54

Tgt Ion:264 Resp: 7745
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 27.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.366 ng

RT: 22.53 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

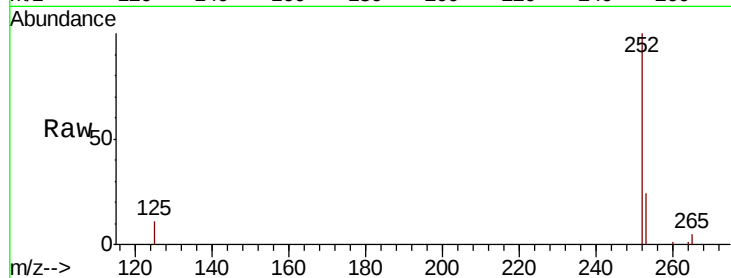
Tot Ion:252 Resp: 7247

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

125 11.3 16.0 24.0#

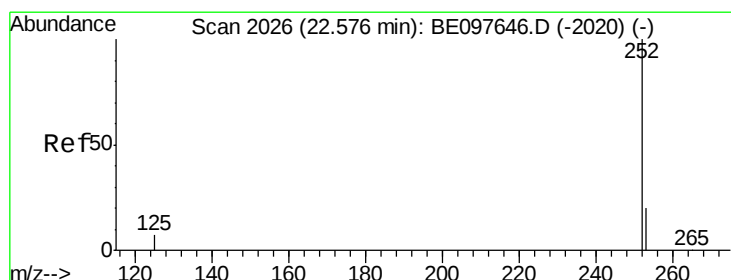
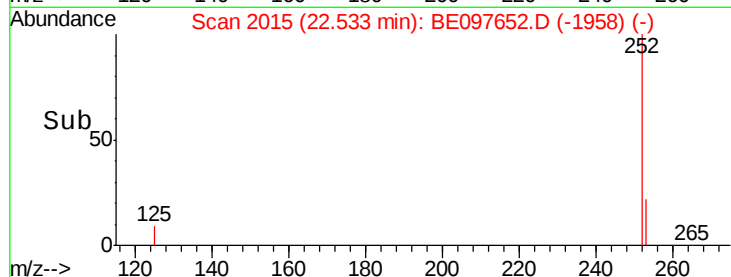
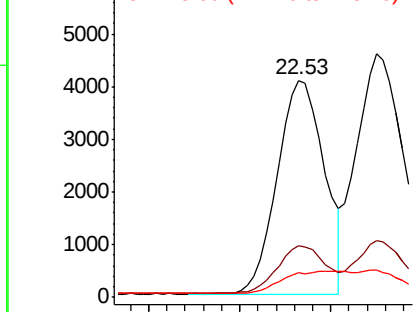


Abundance

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: 0.403 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

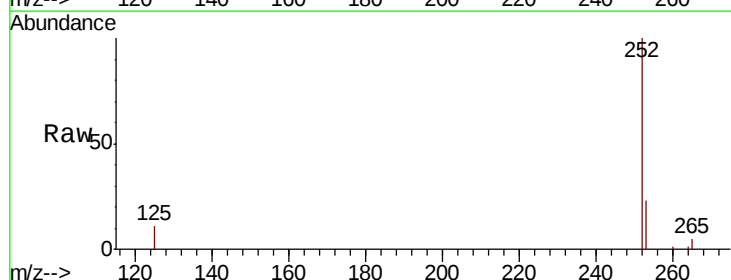
Tgt Ion:252 Resp: 9438

Ion Ratio Lower Upper

252 100

253 23.0 16.0 24.0

125 11.0 8.0 12.0

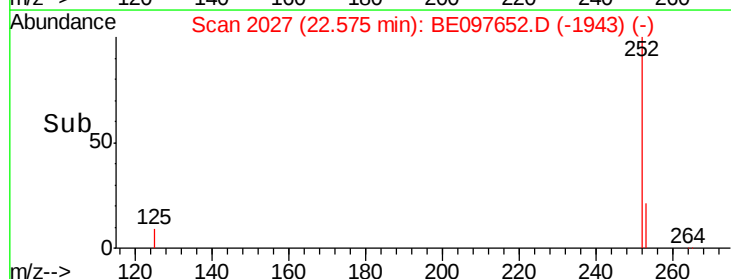
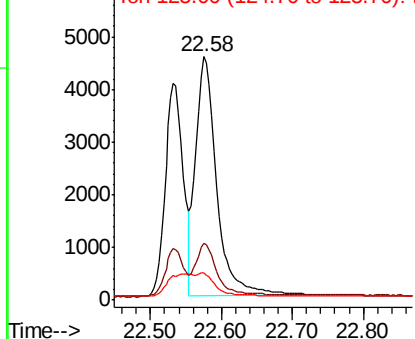


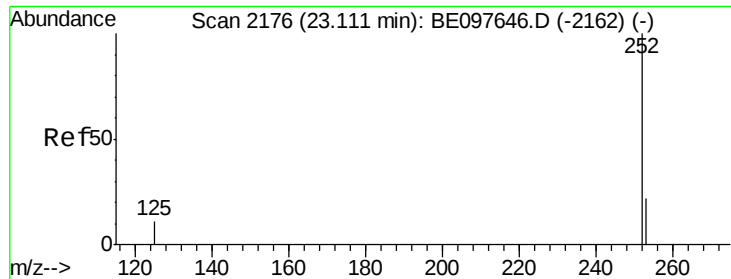
Abundance

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: 0.384 ng

RT: 23.11 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

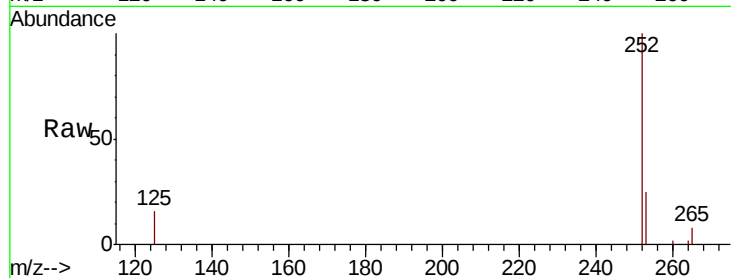
Tot Ion:252 Resp: 7510

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

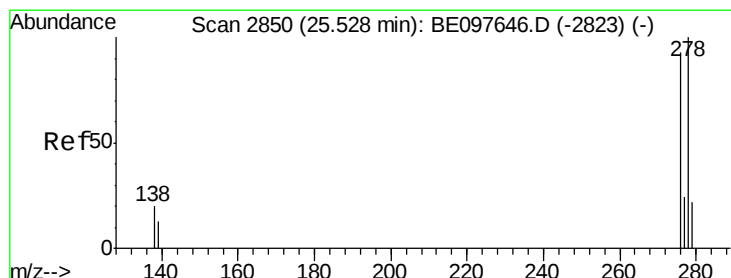
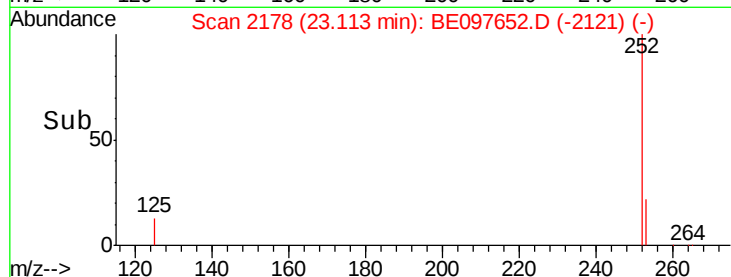
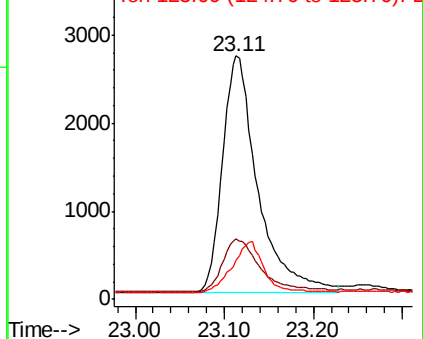
125 15.9 12.0 18.0



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: 0.390 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

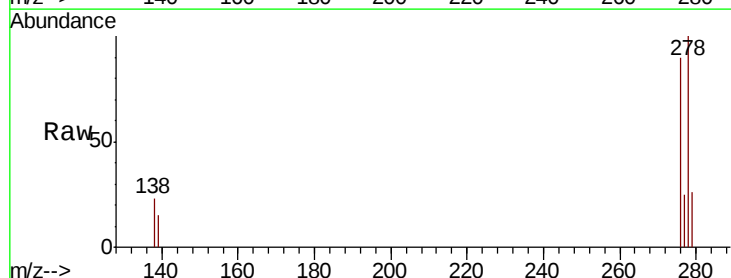
Tgt Ion:278 Resp: 8023

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

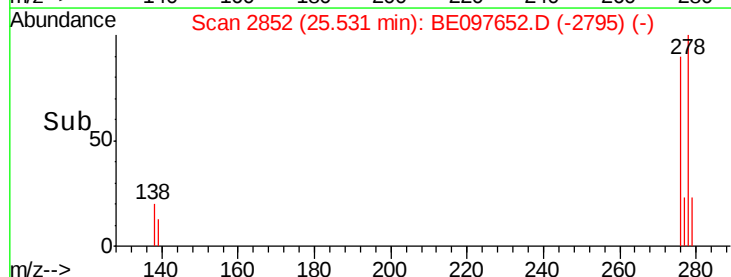
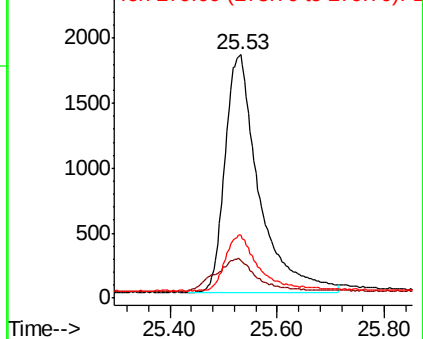
279 25.9 20.0 30.0

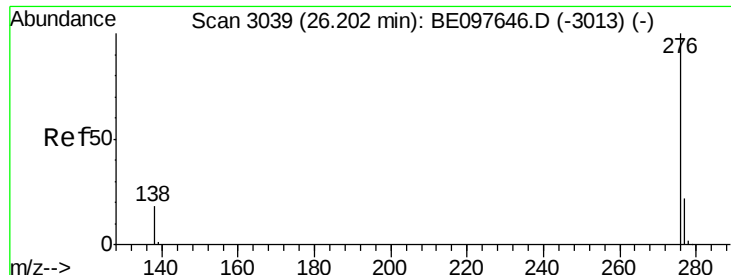


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.382 ng

RT: 26.21 min Scan# 3043

Delta R.T. 0.01 min

Lab File: BE097652.D

Acq: 25 Sep 2018 9:54

Instrument :

BNA_E

ClientSampleId :

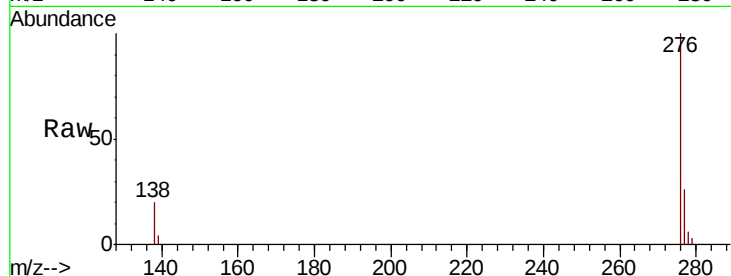
Tot Ion:276 Resp: 7819

Ion Ratio Lower Upper

276 100

277 25.6 16.0 24.0#

138 20.4 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

