

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097511.D
 Acq On : 18 Sep 2018 00:36
 Operator : SJ/JU
 Sample : J4741-34
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 05:53:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	871	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4187	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2473	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6981	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8792	0.40	ng	0.00
34) Perylene-d12	23.20	264	8773	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	618	0.21	ng	0.00
5) Phenol-d6	6.60	99	475	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	1556	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.70	152	2934	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	15.51	330	646	0.49	ng	-0.02
15) 2-Fluorobiphenyl	12.62	172	5087	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	43493	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	8971	0.53	ng	0.00

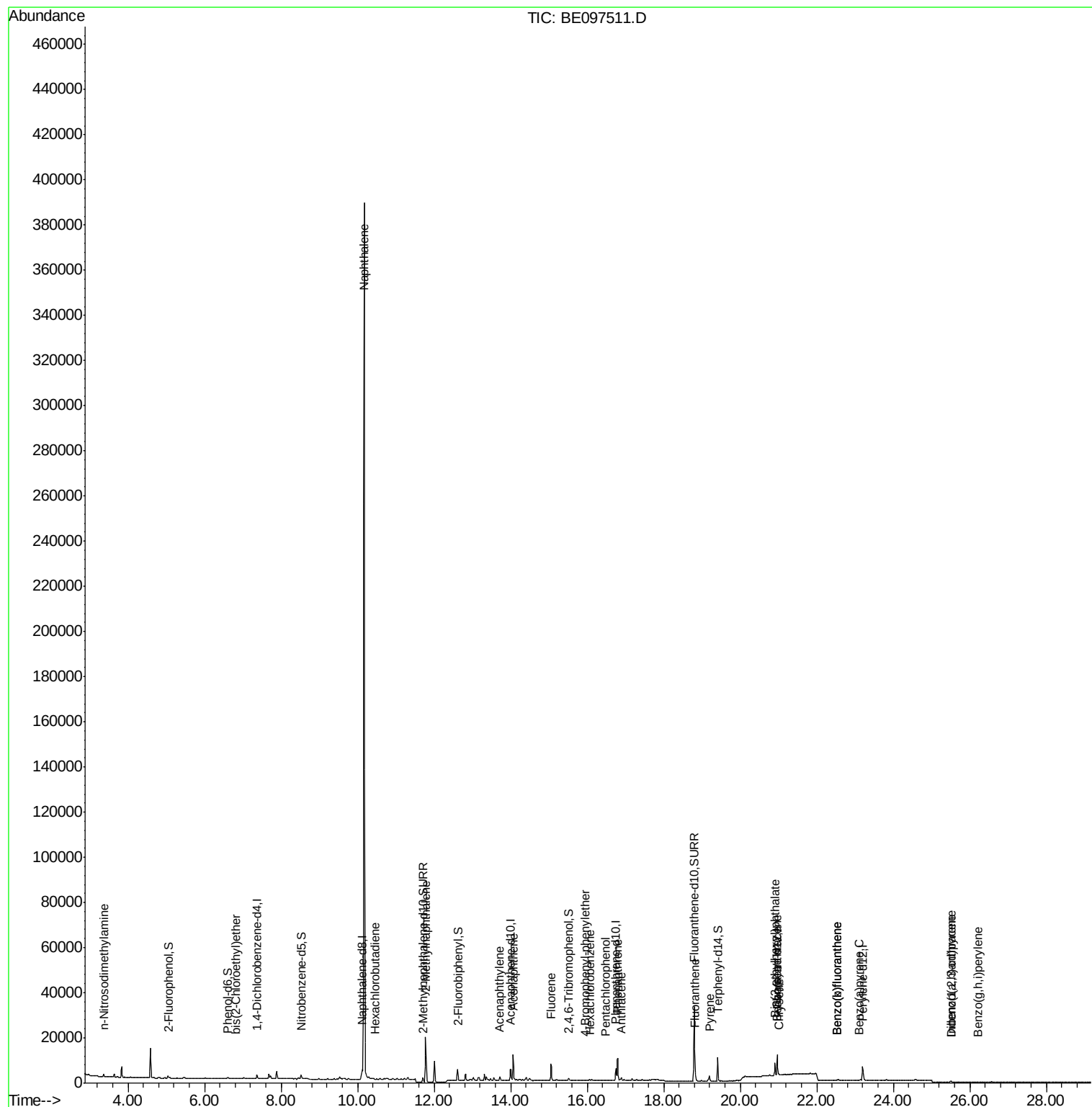
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.36	42	120	0.095	ng	# 1
6) bis(2-Chloroethyl)ether	6.82	93	56	0.019	ng	# 1
9) Naphthalene	10.17	128	608698	16.014	ng	99
10) Hexachlorobutadiene	10.46	225	7	0.004	ng	# 83
12) 2-Methylnaphthalene	11.78	142	14712	2.420	ng	99
16) Acenaphthylene	13.71	152	1117	0.104	ng	# 83
17) Acenaphthene	14.06	154	5472	0.824	ng	96
18) Fluorene	15.05	166	5682	0.671	ng	# 80
20) 4-Bromophenyl-phenylether	15.95	248	6	0.002	ng	# 24
21) Hexachlorobenzene	16.07	284	11	0.003	ng	# 38
22) Pentachlorophenol	16.47	266	3	0.045	ng	96
23) Phenanthrene	16.80	178	11590	0.706	ng	99
24) Anthracene	16.89	178	1119	0.074	ng	# 91
26) Fluoranthene	18.83	202	2710	0.127	ng	100
28) Pyrene	19.19	202	2176	0.096	ng	# 94
30) Benzo(a)anthracene	20.95	228	419	0.018	ng	# 55
31) Chrysene	21.00	228	362	0.015	ng	# 53
32) Bis(2-ethylhexyl)phthalate	20.91	149	5736	0.117	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	257	0.009	ng	# 44
35) Benzo(b)fluoranthene	22.54	252	374	0.017	ng	# 1
36) Benzo(k)fluoranthene	22.54	252	374	0.015	ng	# 1
37) Benzo(a)pyrene	23.10	252	265	0.012	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	60	0.003	ng	# 1
39) Benzo(g,h,i)perylene	26.22	276	254	0.011	ng	# 14

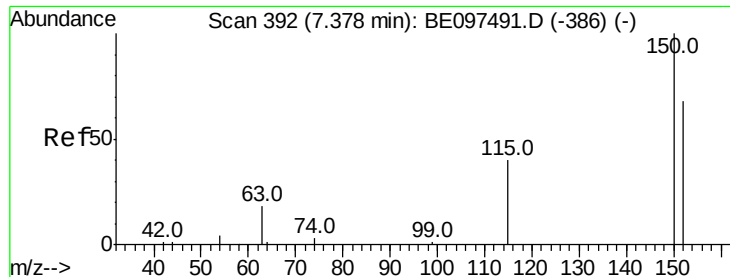
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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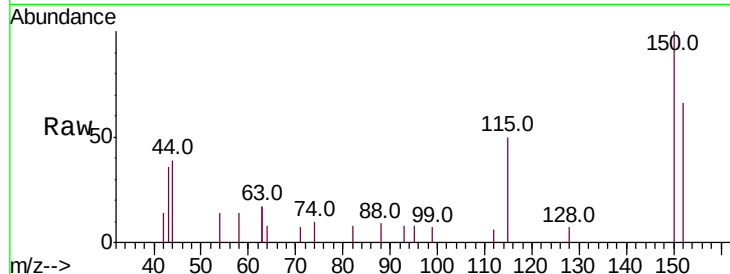


#1

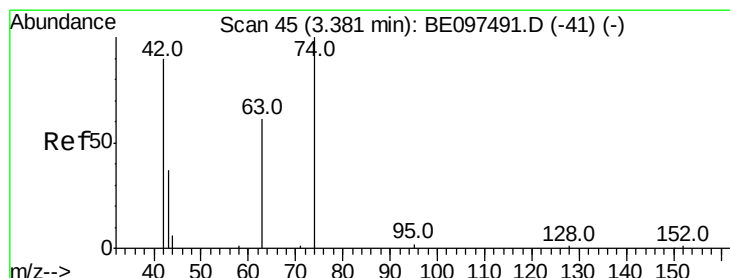
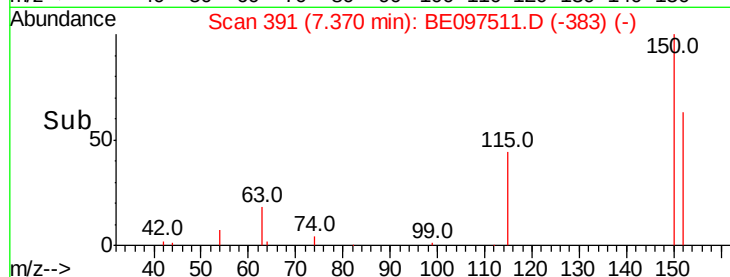
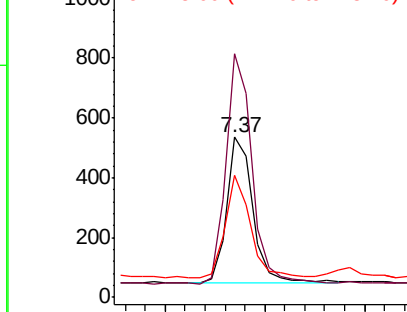
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 871
Ion Ratio Lower Upper
152 100
150 152.1 117.2 175.8
115 76.4 57.0 85.6



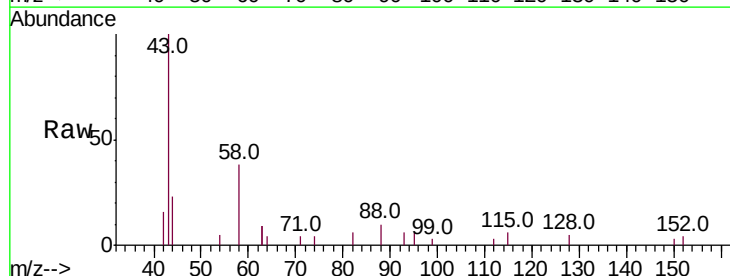
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



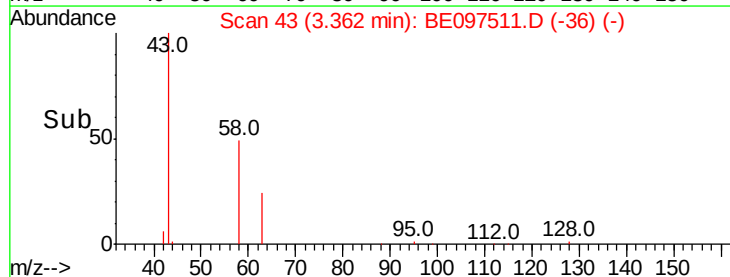
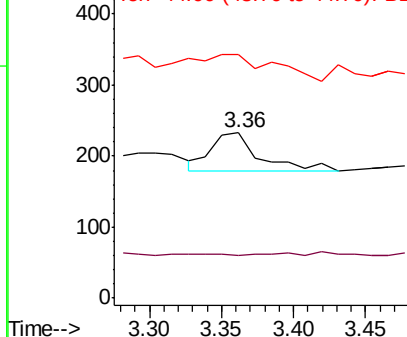
#3

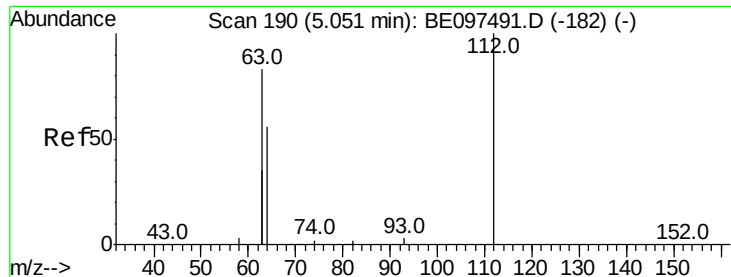
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 120.0 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: 0.209 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampled :

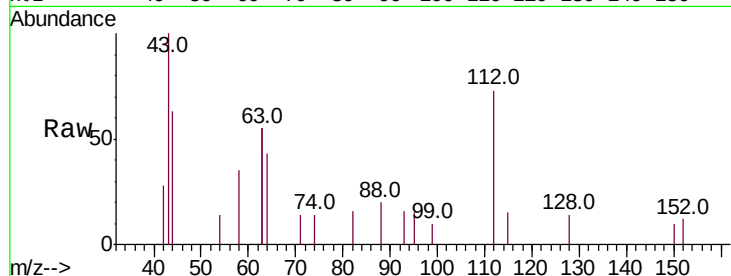
Tot Ion:112 Resp: 618

Ion Ratio Lower Upper

112 100

64 69.1 60.1 90.1

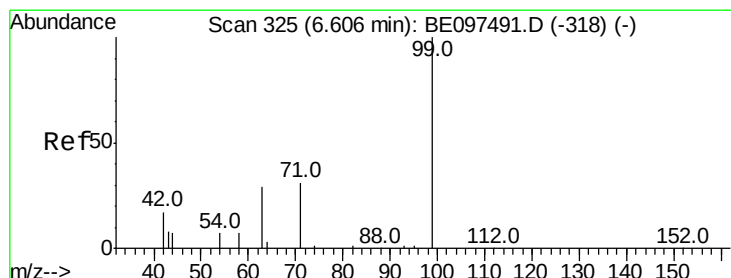
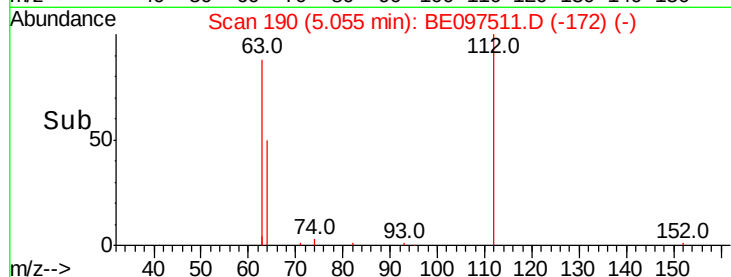
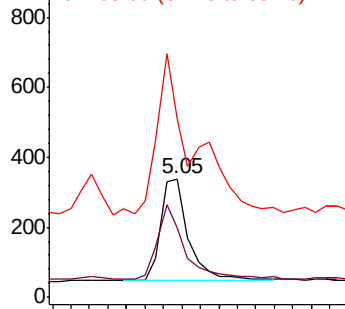
63 203.2 116.8 175.2#



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: 0.127 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

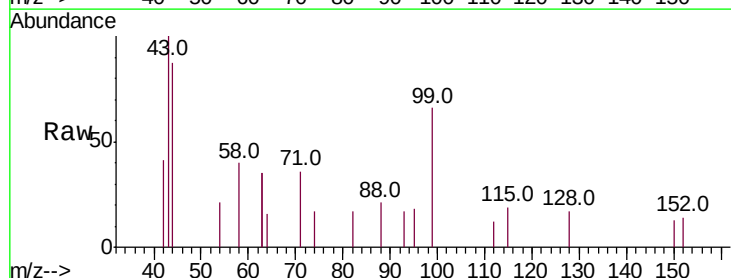
Tgt Ion: 99 Resp: 475

Ion Ratio Lower Upper

99 100

42 20.4 20.2 30.2

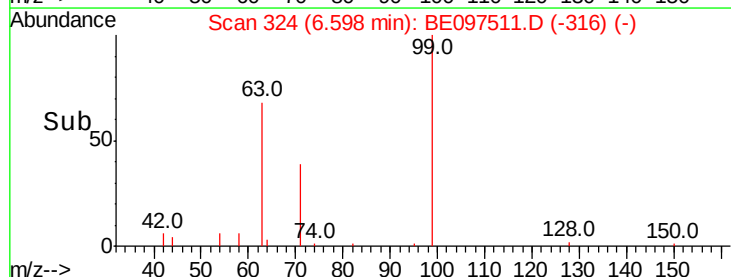
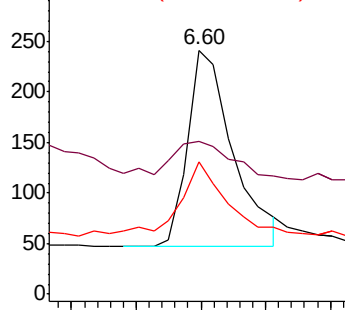
71 34.5 28.4 42.6

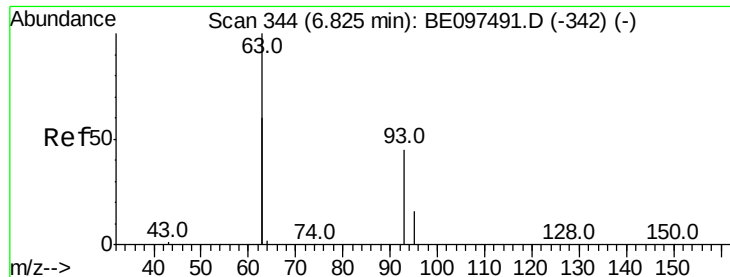


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.019 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampleId :

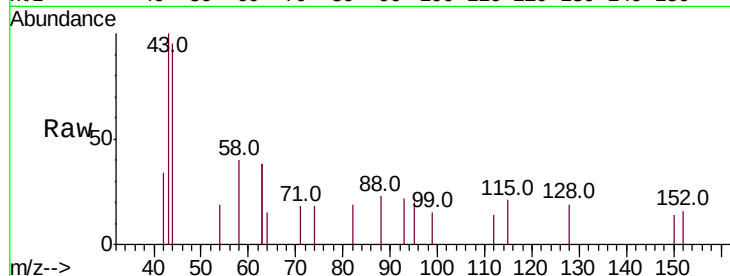
Tot Ion: 93 Resp: 56

Ion Ratio Lower Upper

93 100

63 30.4 275.3 412.9#

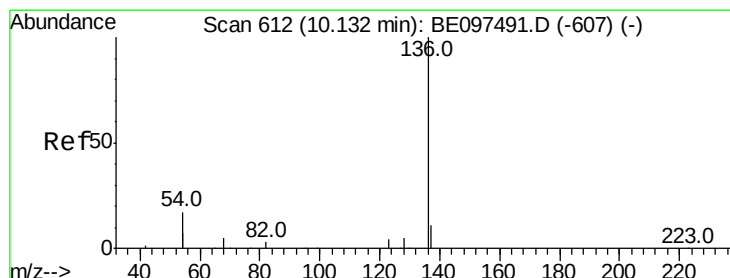
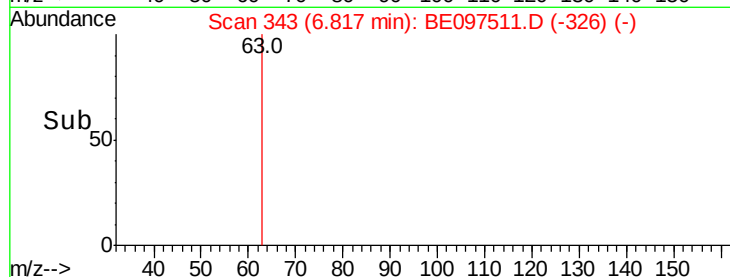
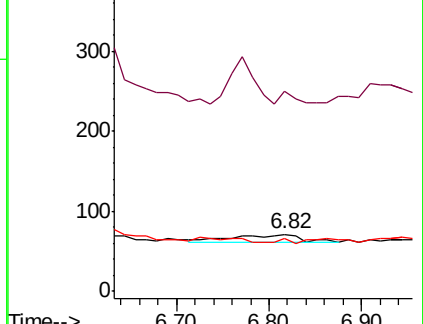
95 7.1 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Tgt Ion: 136 Resp: 4187

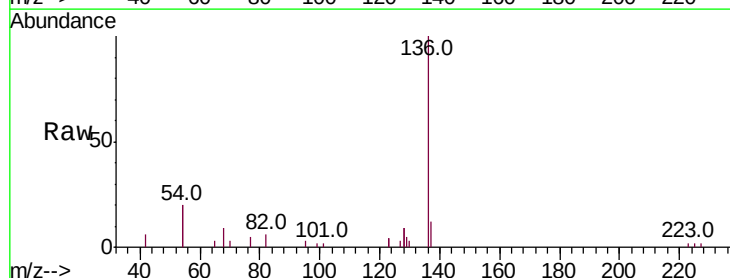
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 40.3 29.1 43.7

68 9.1 6.2 9.2

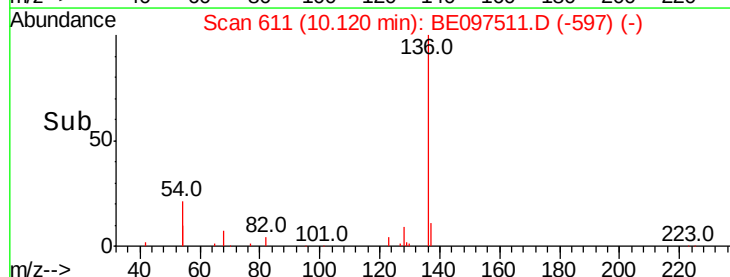
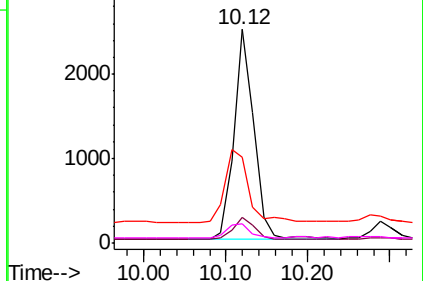


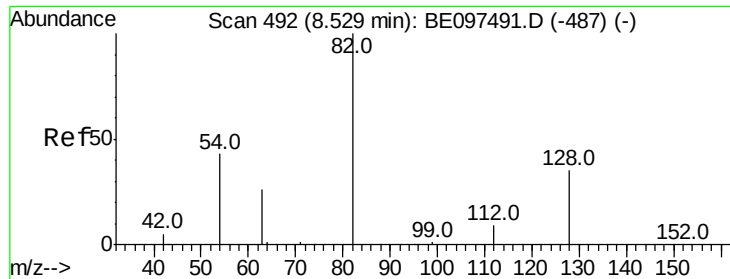
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.462 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampled :

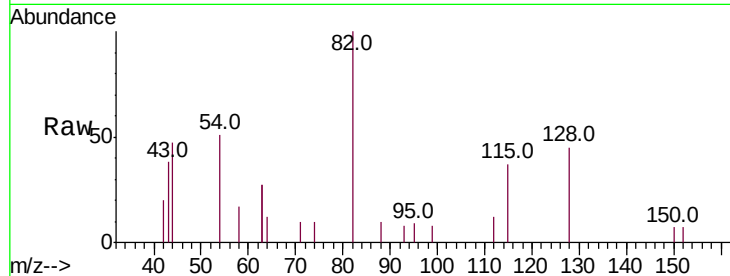
Tot Ion: 82 Resp: 1556

Ion Ratio Lower Upper

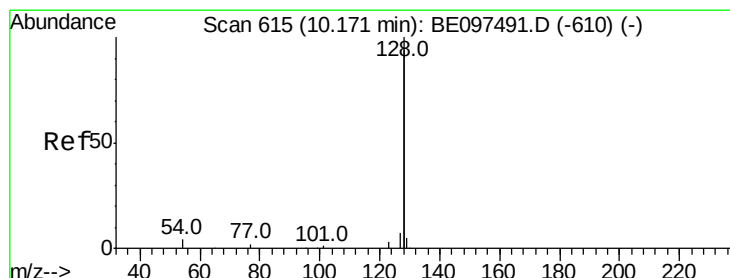
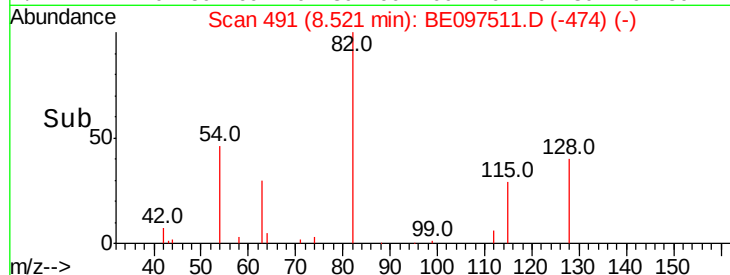
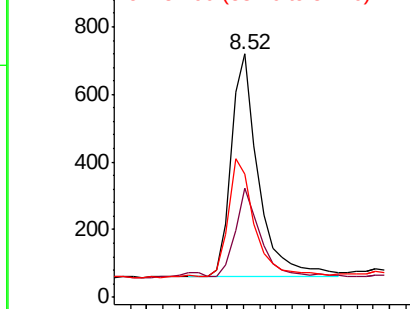
82 100

128 44.7 24.0 36.0#

54 50.8 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 16.014 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

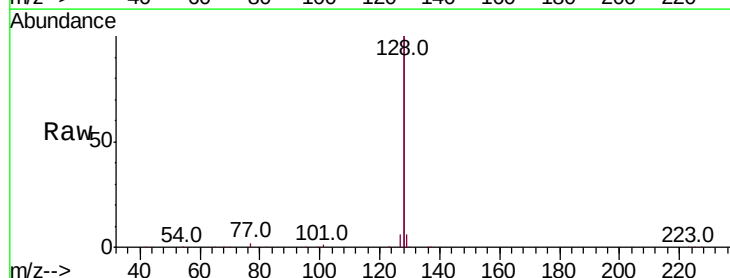
Tgt Ion:128 Resp: 608698

Ion Ratio Lower Upper

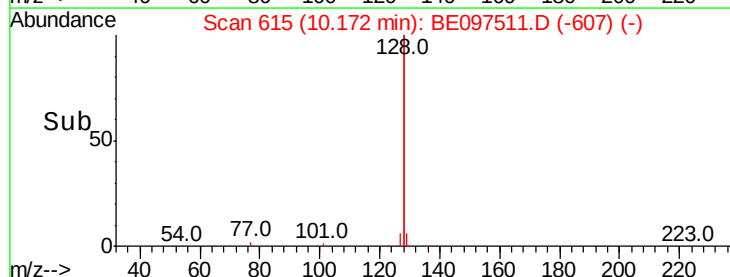
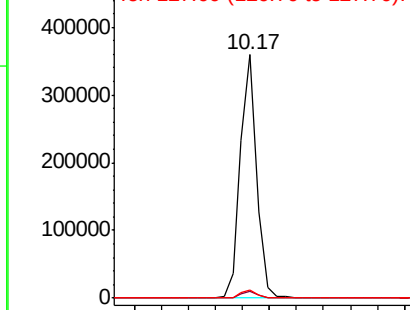
128 100

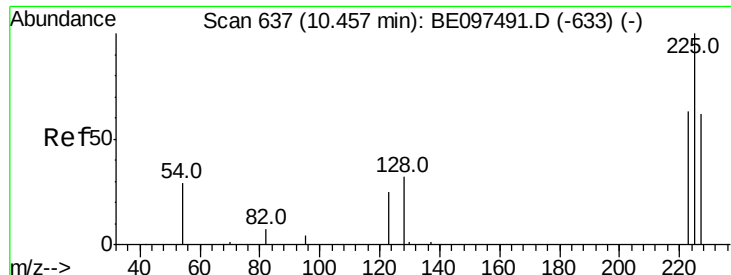
129 2.8 2.6 3.8

127 3.2 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

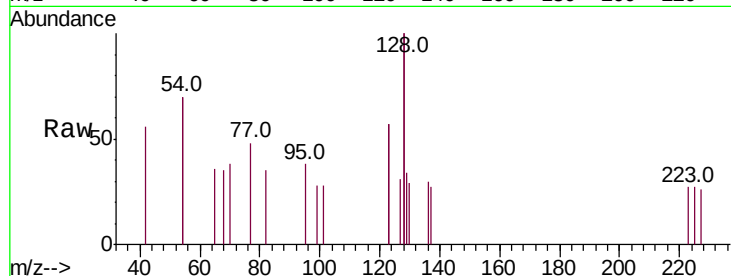




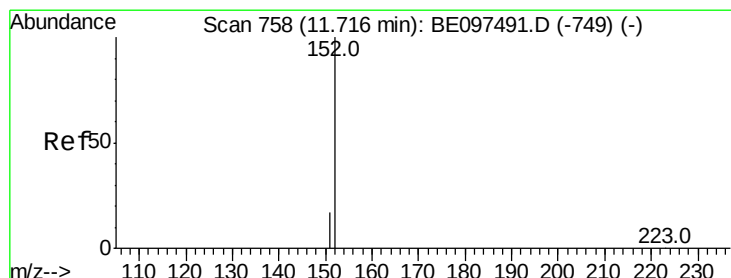
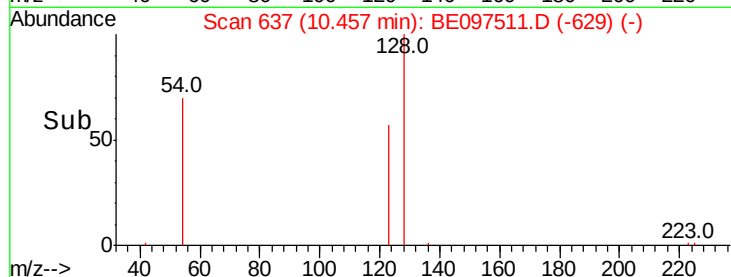
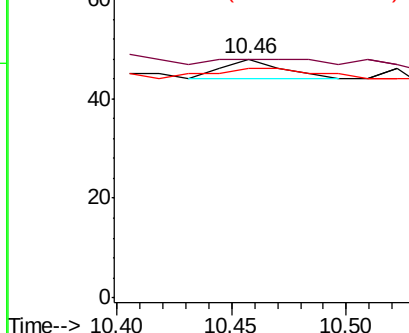
#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 7
Ion Ratio Lower Upper
225 100
223 71.4 53.0 79.6
227 85.7 51.4 77.2#

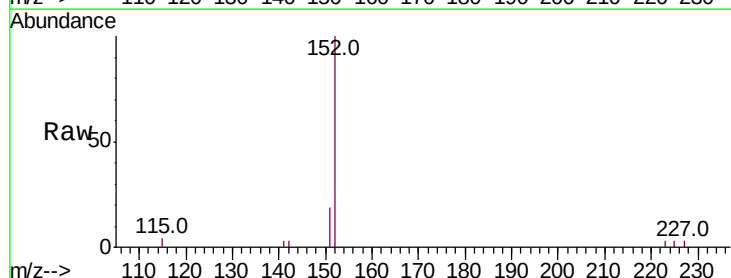


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

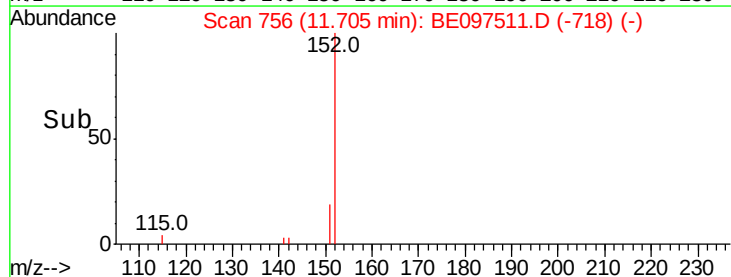
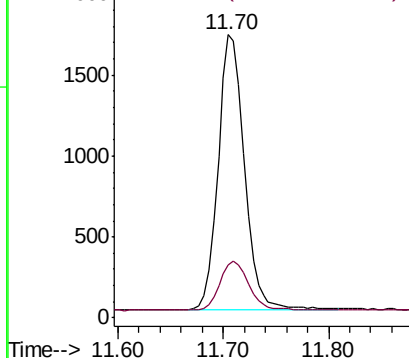


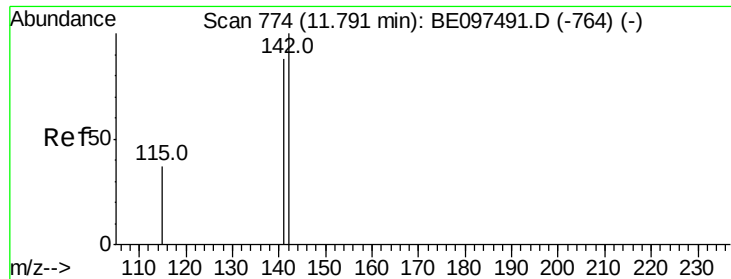
#11
2-Methylnaphthalene-d10
Concen: 0.490 ng
RT: 11.70 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:152 Resp: 2934
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 2.420 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampleId :

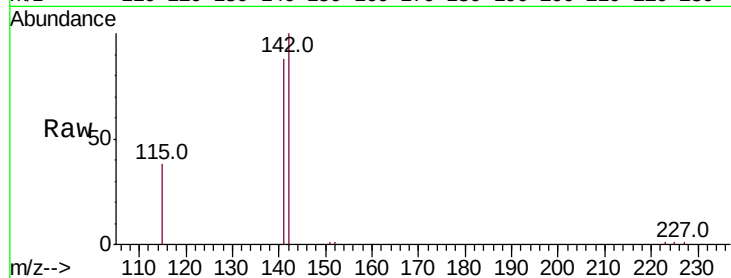
Tot Ion:142 Resp: 14712

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6

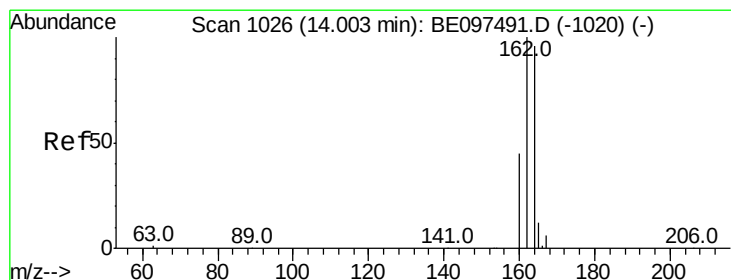
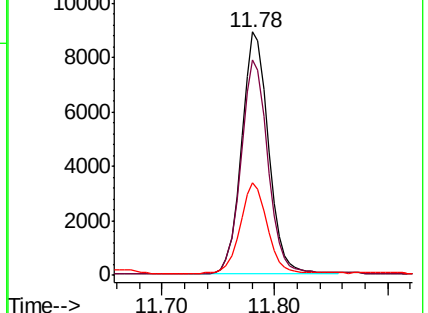
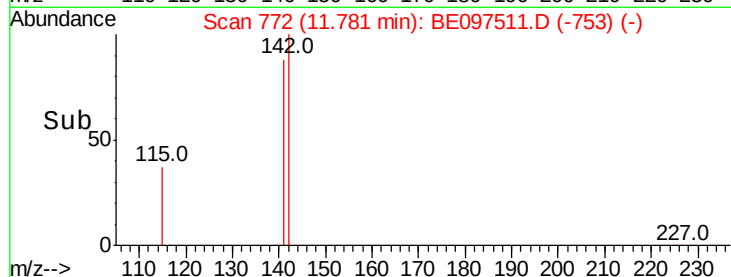
115 38.0 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

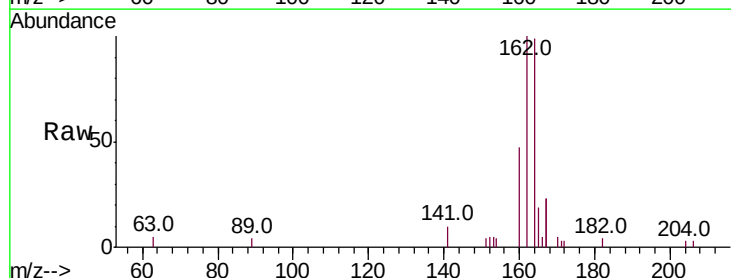
Tgt Ion:164 Resp: 2473

Ion Ratio Lower Upper

164 100

162 101.1 83.1 124.7

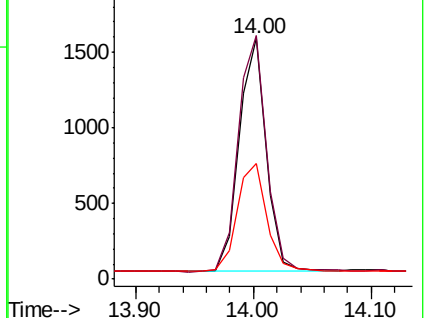
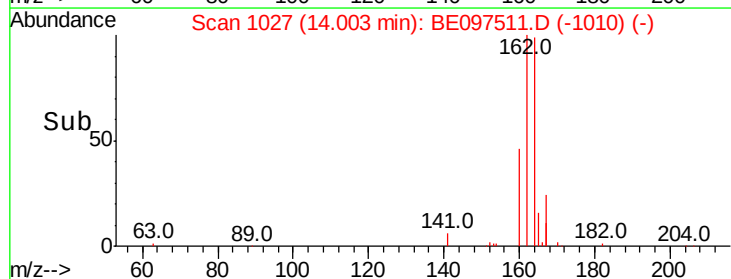
160 47.9 37.1 55.7

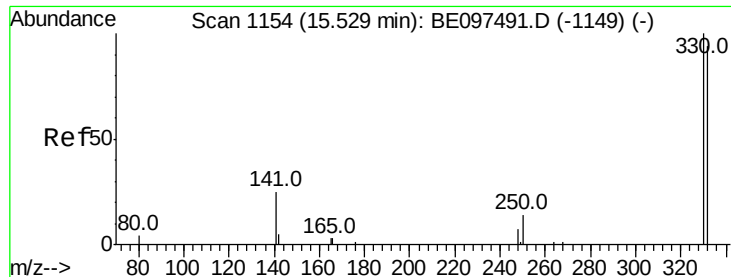


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

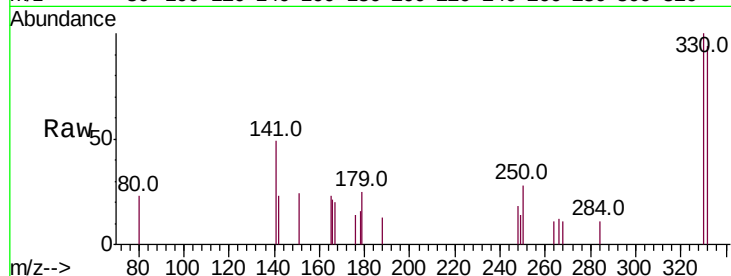




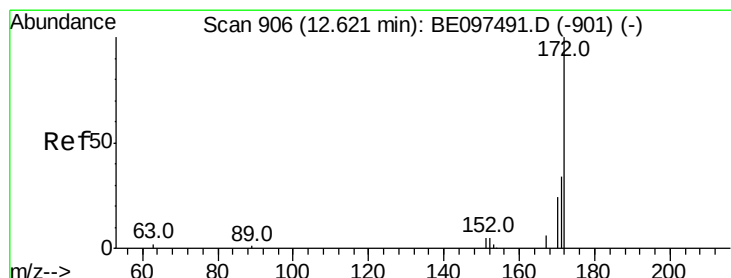
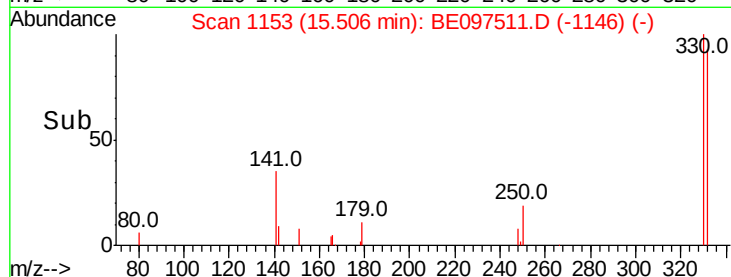
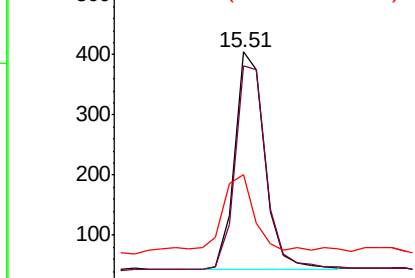
#14
 2,4,6-Tribromophenol
 Concen: 0.495 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 646
 Ion Ratio Lower Upper
 330 100
 332 97.4 152.7 229.1#
 141 33.3 33.7 50.5#

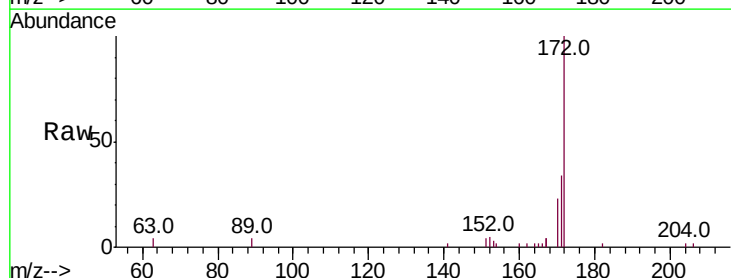


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

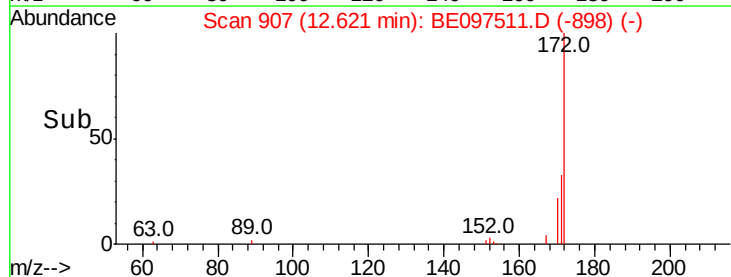
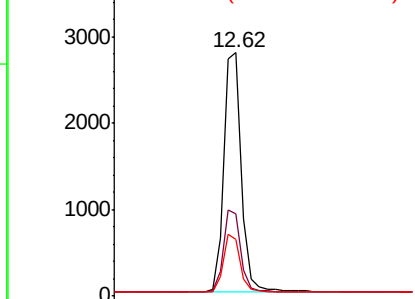


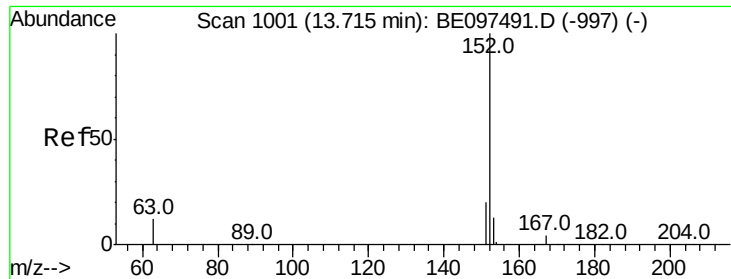
#15
 2-Fluorobiphenyl
 Concen: 0.589 ng
 RT: 12.62 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Tgt Ion:172 Resp: 5087
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.9 44.9
 170 23.1 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: 0.104 ng

RT: 13.71 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampleId :

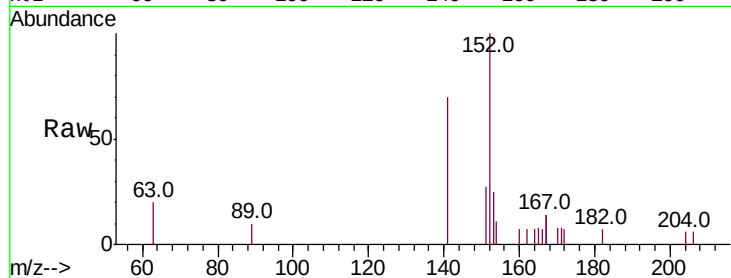
Tot Ion:152 Resp: 1117

Ion Ratio Lower Upper

152 100

151 24.2 15.7 23.5#

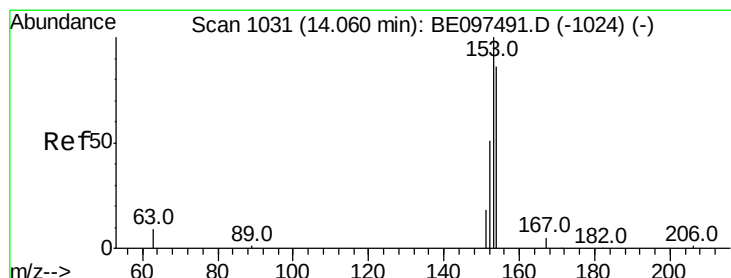
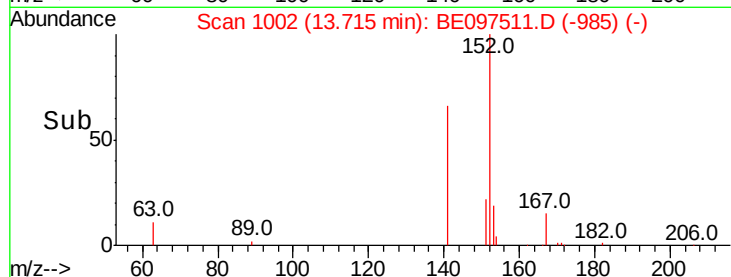
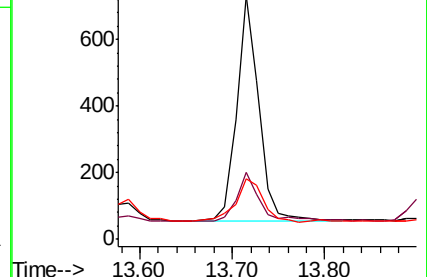
153 23.7 10.5 15.7#



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: 0.824 ng

RT: 14.06 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

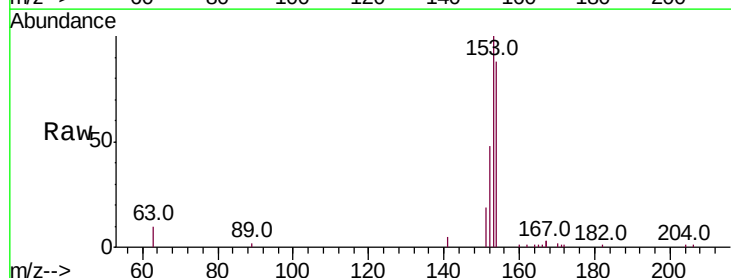
Tgt Ion:154 Resp: 5472

Ion Ratio Lower Upper

154 100

153 114.9 89.2 133.8

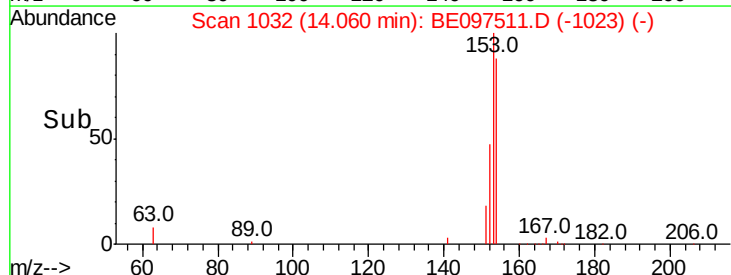
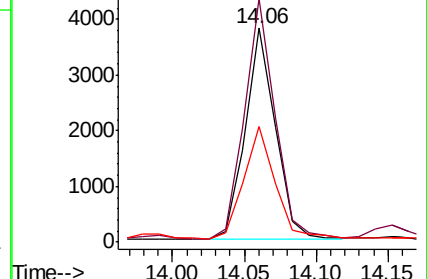
152 55.7 42.0 63.0

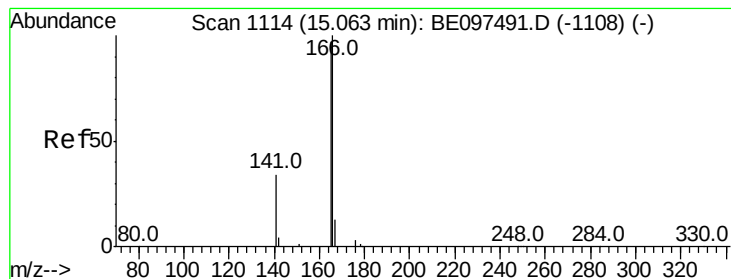


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.671 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampleId :

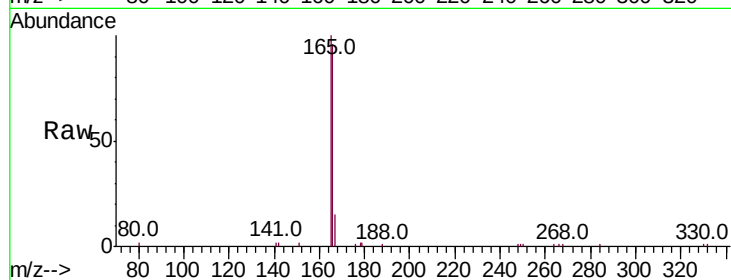
Tot Ion:166 Resp: 5682

Ion Ratio Lower Upper

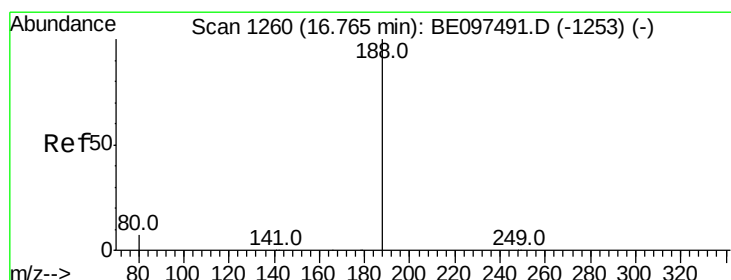
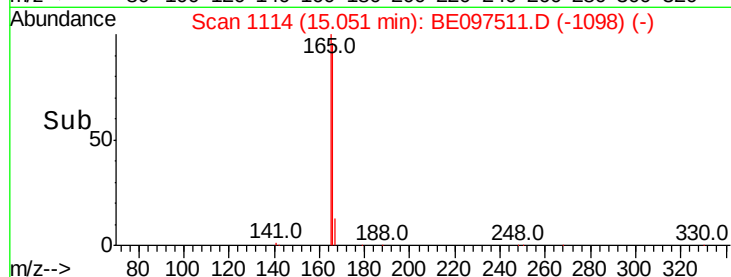
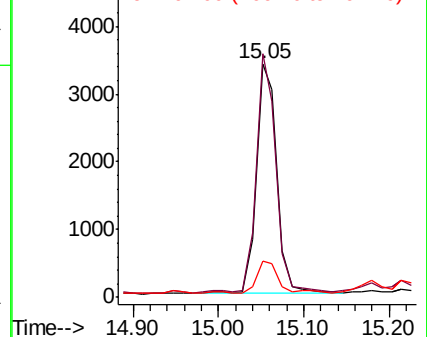
166 100

165 99.2 77.8 116.6

167 15.3 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. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

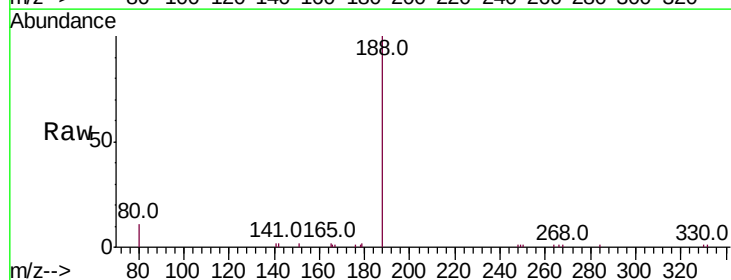
Tgt Ion:188 Resp: 6981

Ion Ratio Lower Upper

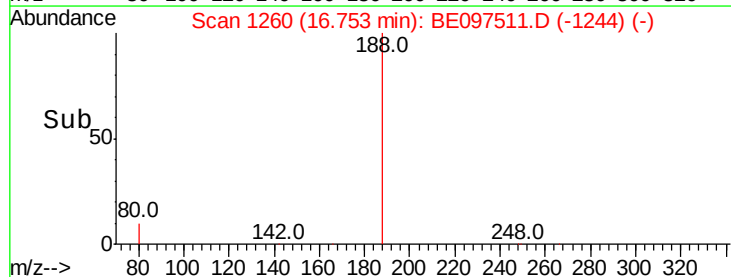
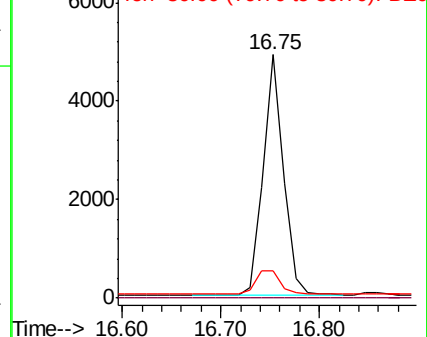
188 100

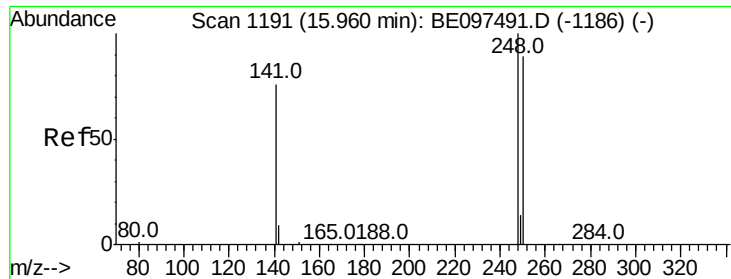
94 0.0 3.9 5.9#

80 11.2 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

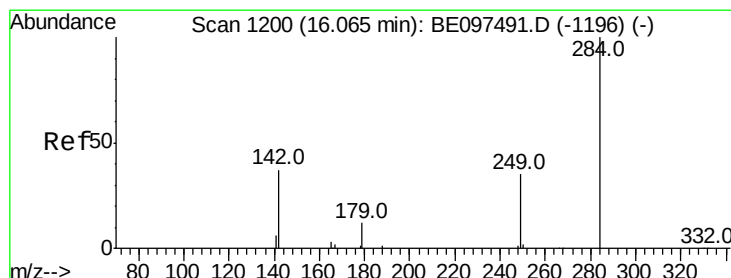
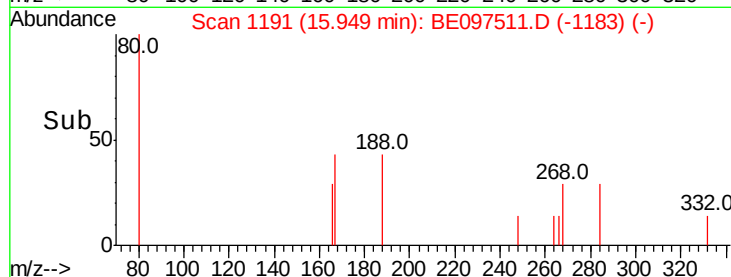
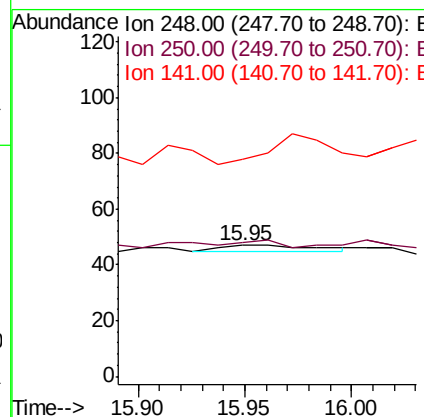
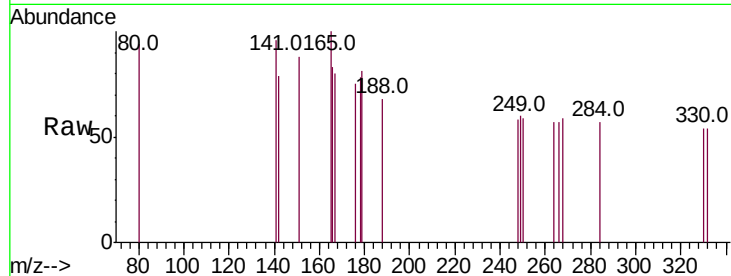




#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 15.95 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

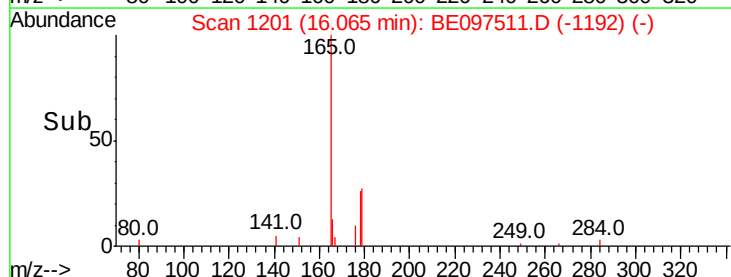
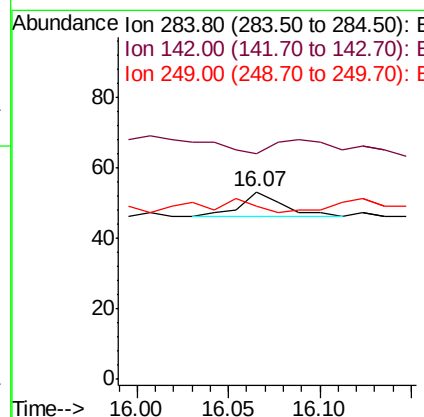
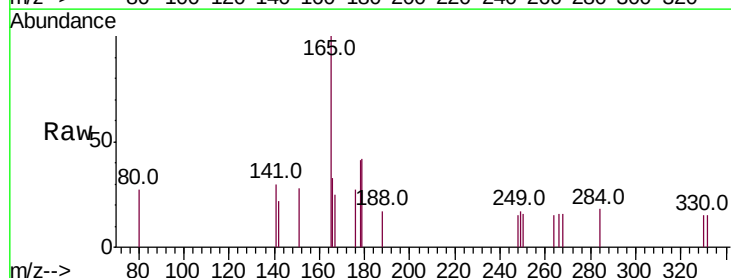
Instrument :
BNA_E
ClientSampled :

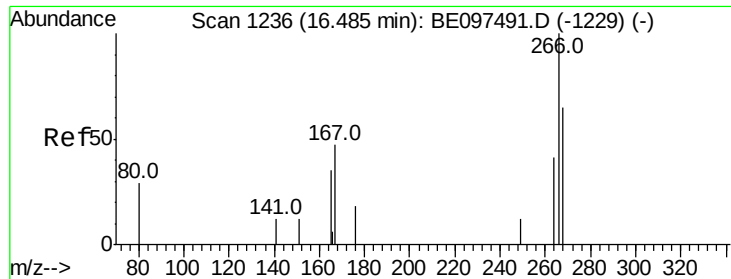
Tot Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 102.1 62.7 94.1#
141 166.0 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.07 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:284 Resp: 11
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#



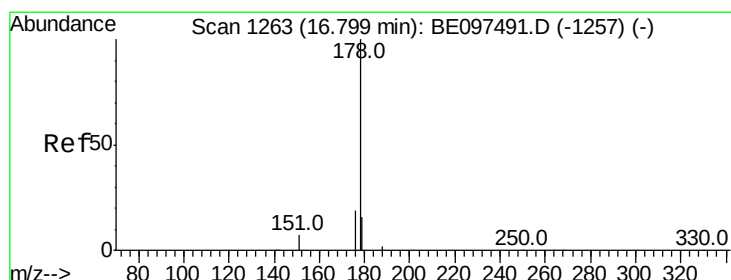
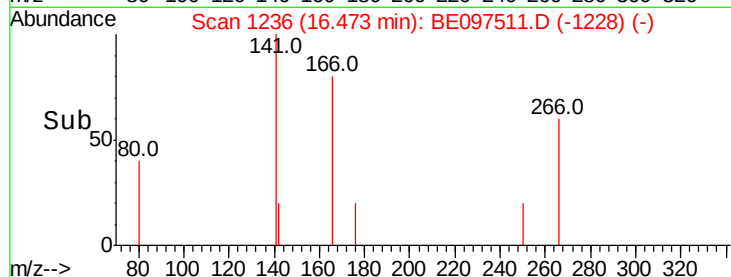
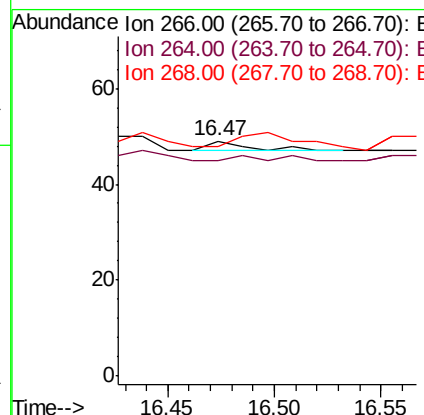
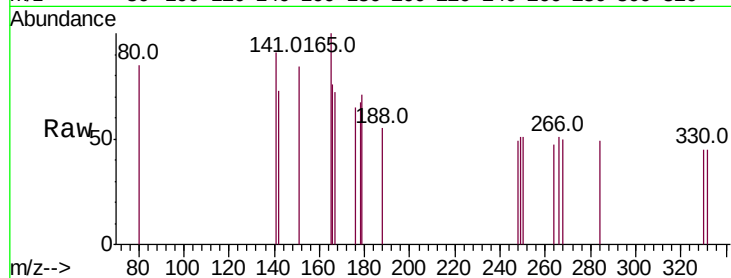


#22
 Pentachlorophenol
 Concen: 0.045 ng
 RT: 16.47 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 3

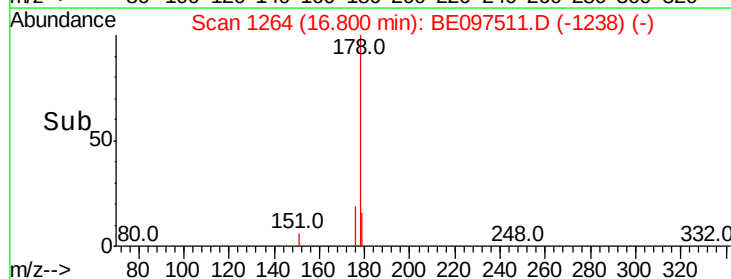
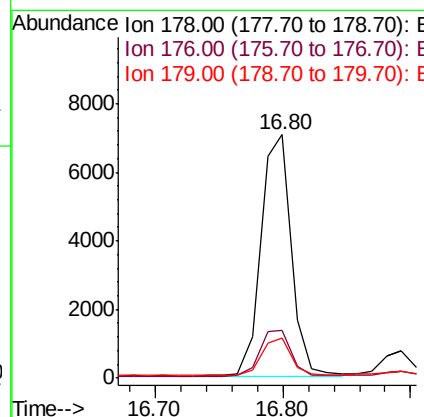
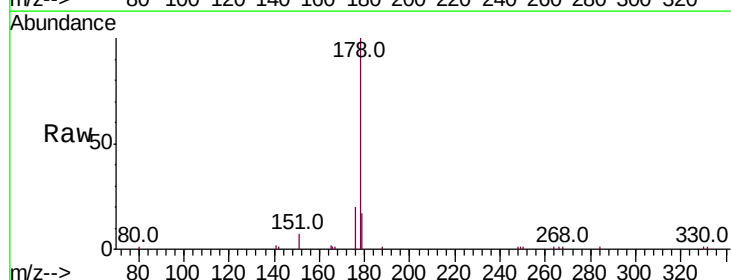
Ion	Ratio	Lower	Upper
266	100		
264	91.8	72.5	108.7
268	98.0	73.8	110.6

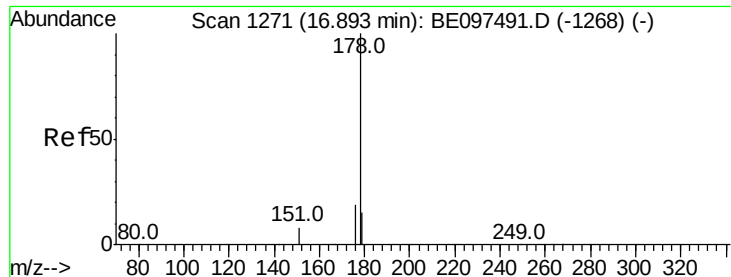


#23
 Phenanthrene
 Concen: 0.706 ng
 RT: 16.80 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Tgt Ion:178 Resp: 11590

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.5	11.8	17.6





#24

Anthracene

Concen: 0.074 ng

RT: 16.89 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampleId :

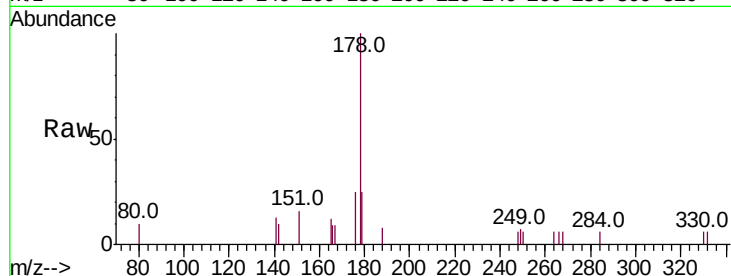
Tot Ion:178 Resp: 1119

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

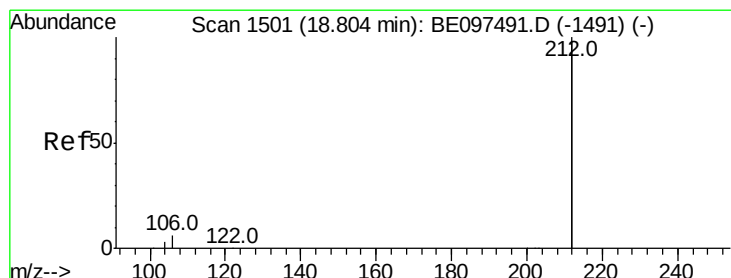
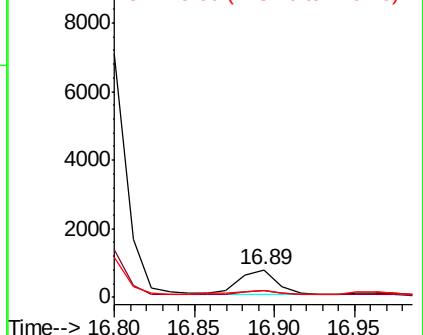
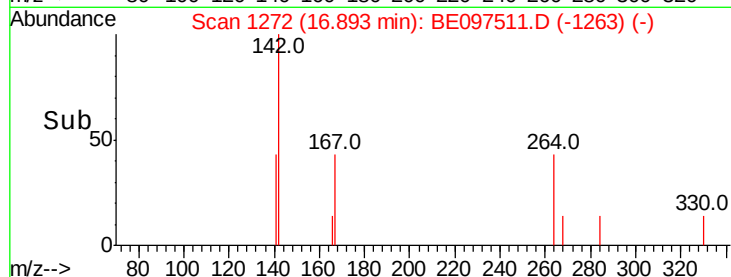
179 20.9 13.0 19.6#



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: 0.519 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

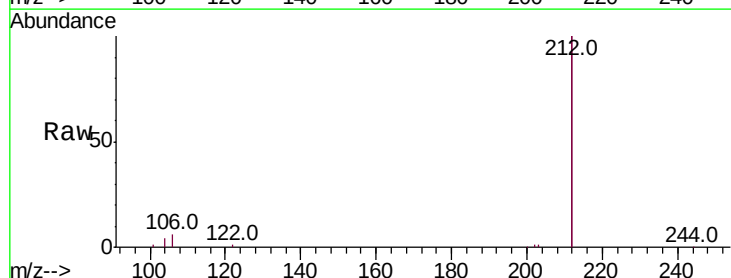
Tgt Ion:212 Resp: 43493

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

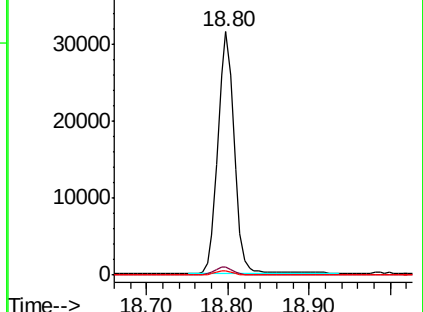
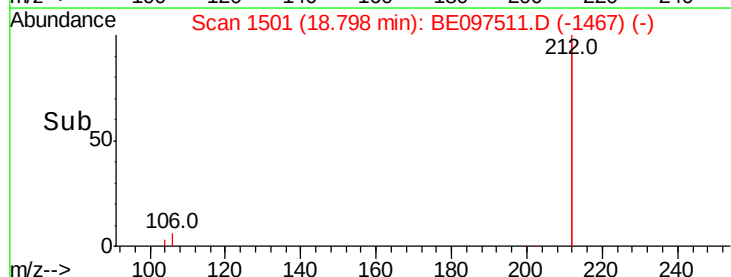
104 1.8 1.6 2.4

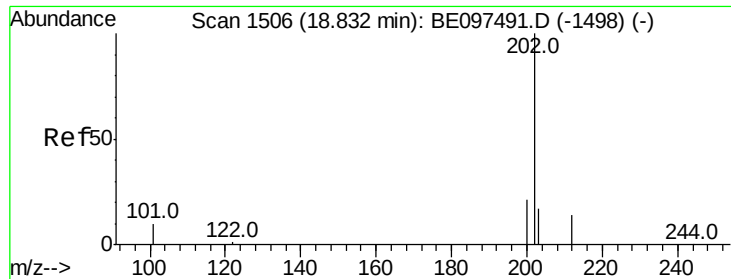


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

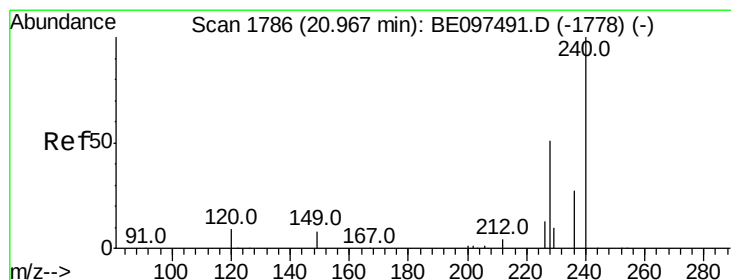
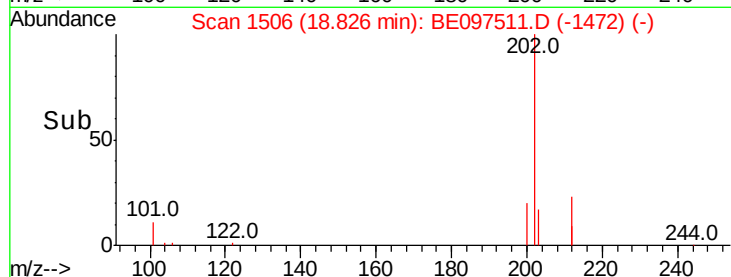
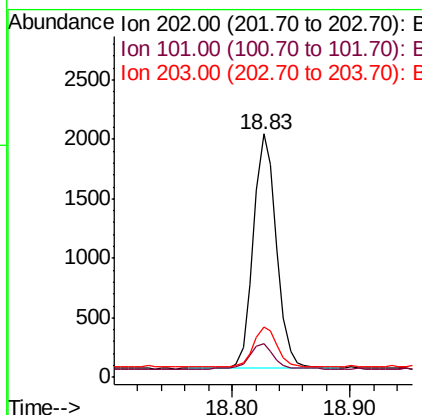
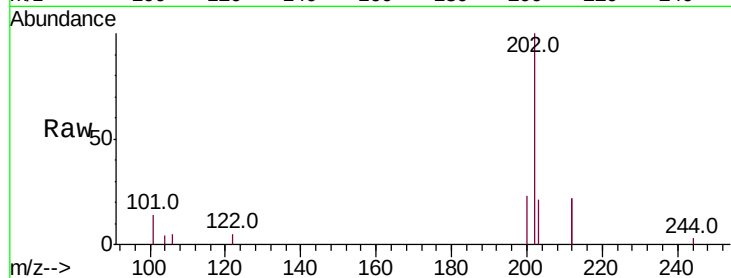




#26
 Fluoranthene
 Concen: 0.127 ng
 RT: 18.83 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

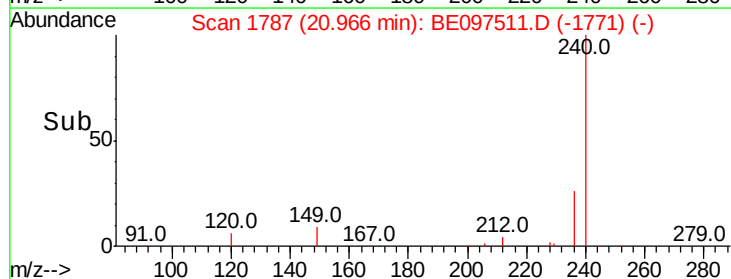
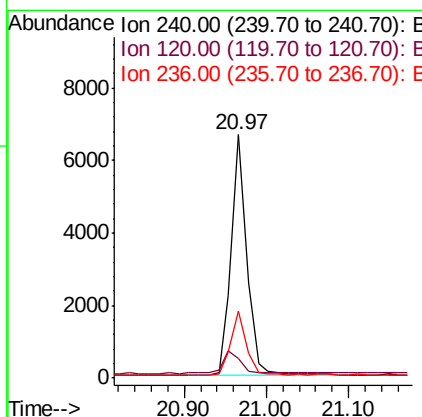
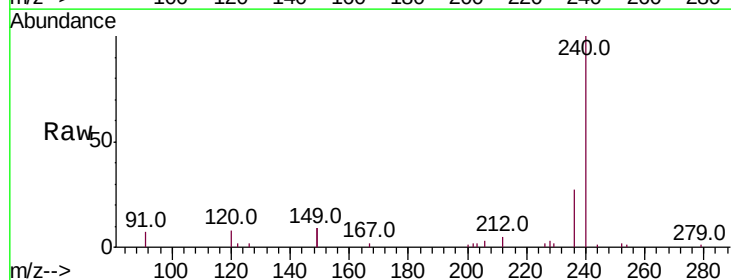
Instrument :
 BNA_E
 ClientSampleId :

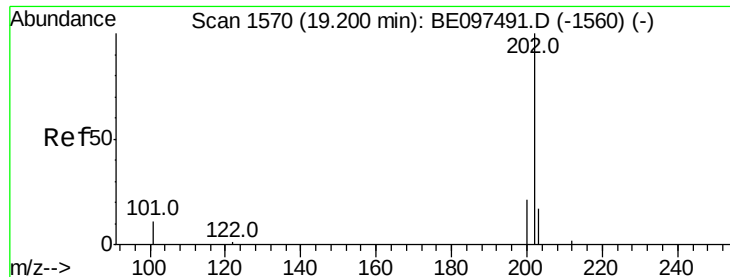
Tot Ion:202 Resp: 2710
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.8 14.8
 203 17.2 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Tgt Ion:240 Resp: 8792
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.5 8.3
 236 27.3 20.7 31.1

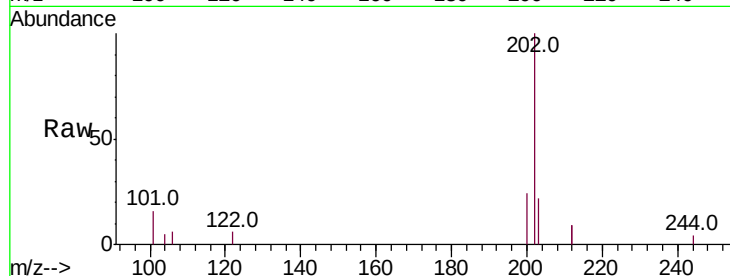




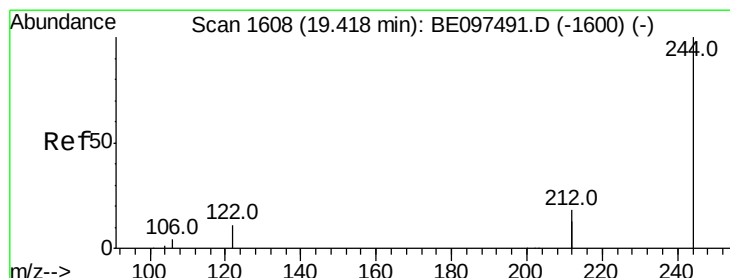
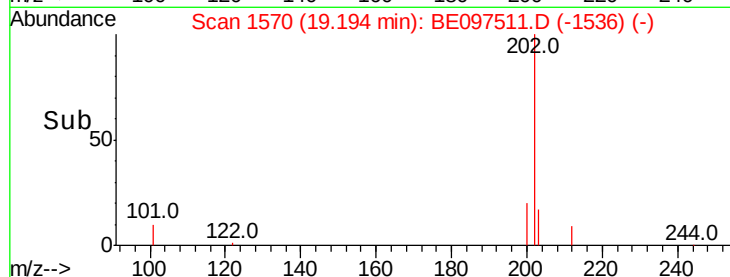
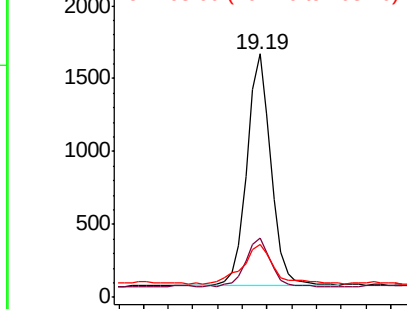
#28
Pvrene
Concen: 0.096 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 2176
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 22.6 13.8 20.8#

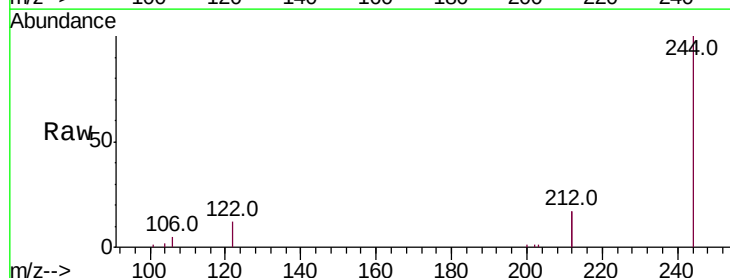


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

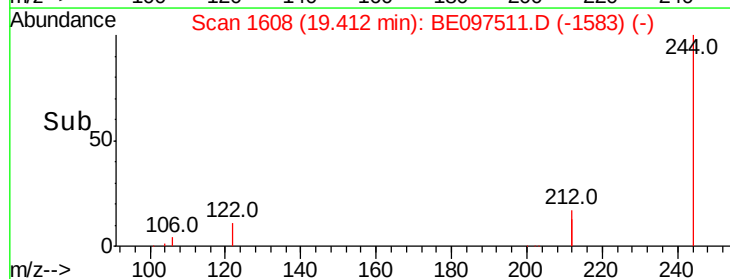
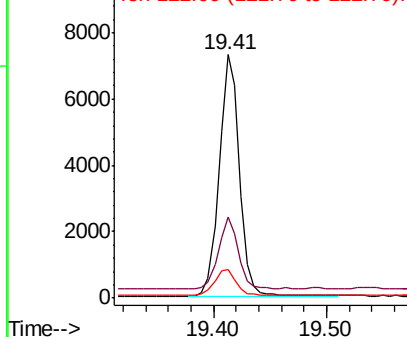


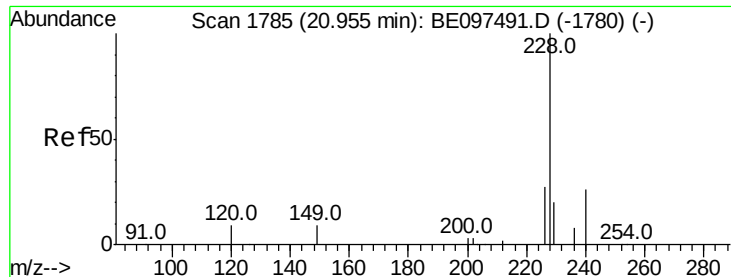
#29
Terphenyl-d14
Concen: 0.533 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:244 Resp: 8971
Ion Ratio Lower Upper
244 100
212 33.1 25.4 38.0
122 11.7 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

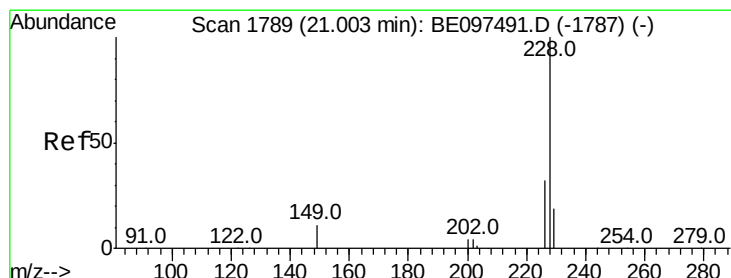
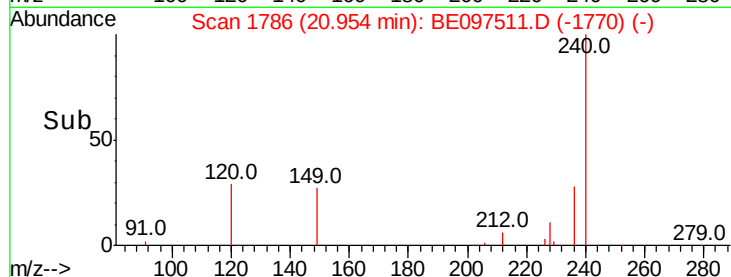
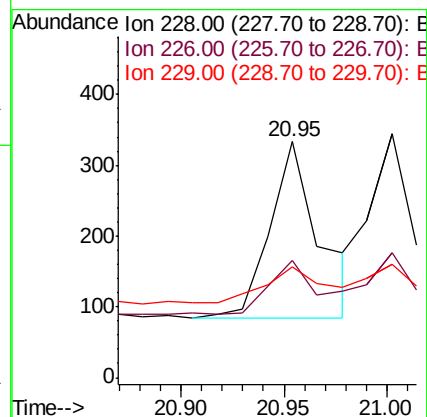
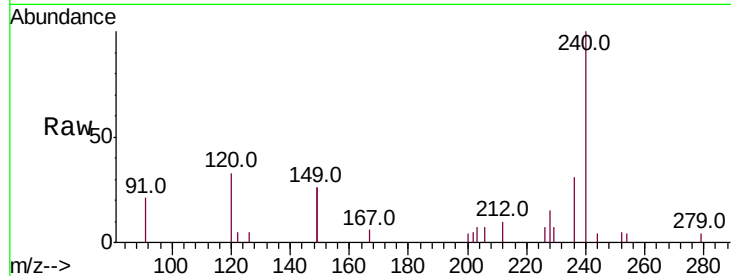




#30
Benzo(a)anthracene
Concen: 0.018 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

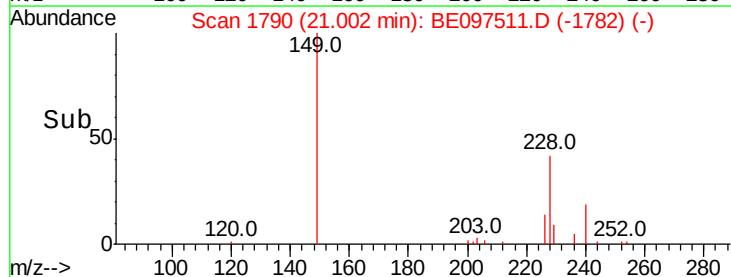
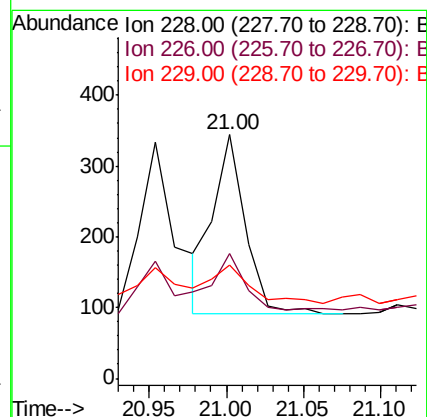
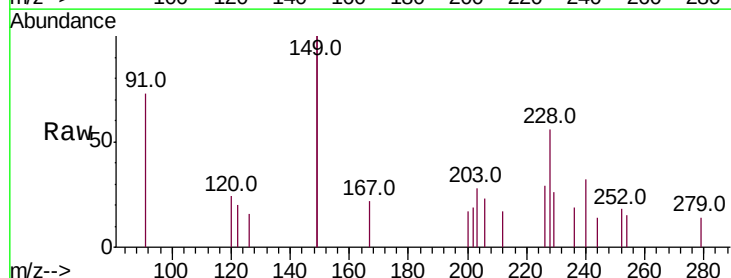
Instrument :
BNA_E
ClientSampled :

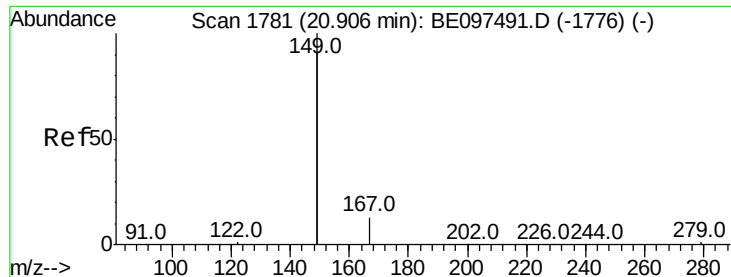
Tot Ion:228 Resp: 419
Ion Ratio Lower Upper
228 100
226 49.5 24.0 36.0#
229 47.1 16.0 24.0#



#31
Chrysene
Concen: 0.015 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:228 Resp: 362
Ion Ratio Lower Upper
228 100
226 51.5 24.0 36.0#
229 46.5 16.0 24.0#

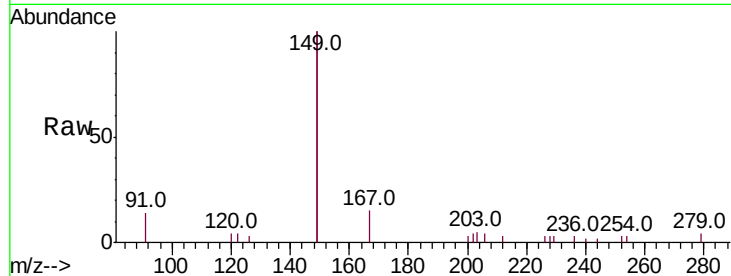




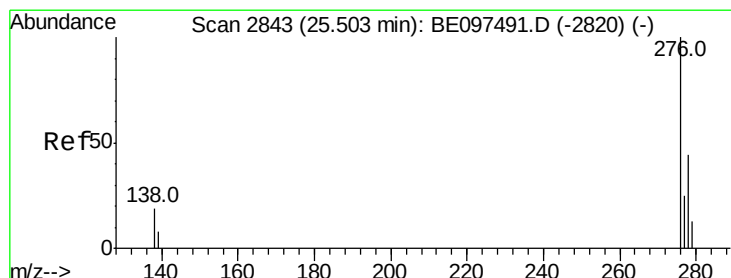
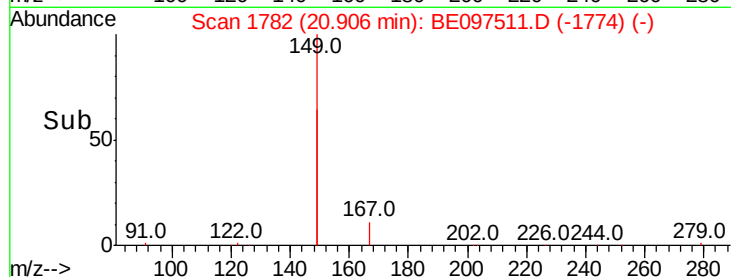
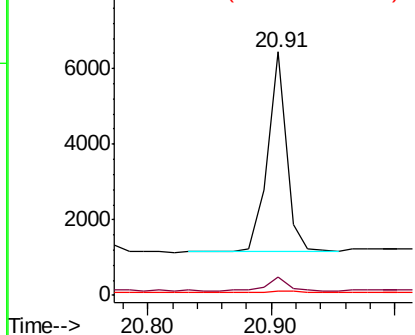
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 20.91 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 5736
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.0
 279 1.3 0.7 1.1#

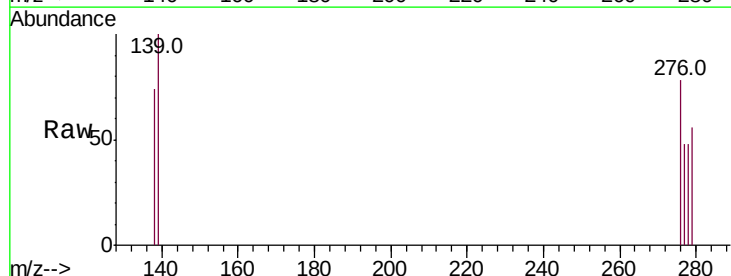


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

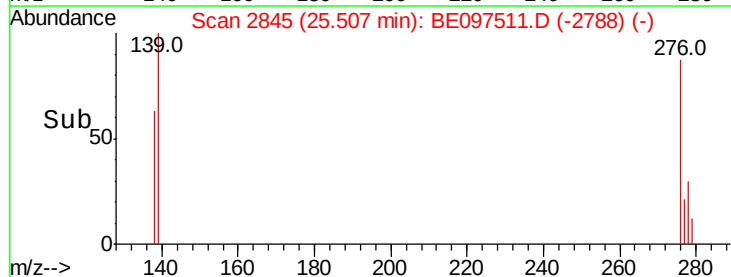
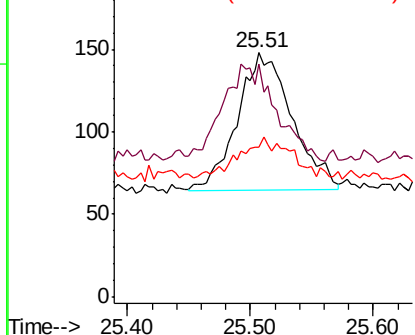


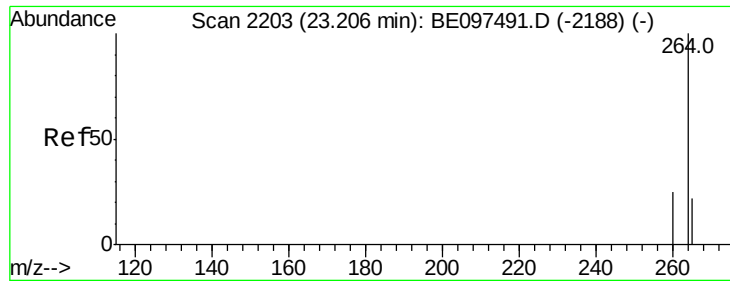
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.009 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Tgt Ion:276 Resp: 257
 Ion Ratio Lower Upper
 276 100
 138 76.3 22.5 33.7#
 277 17.1 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

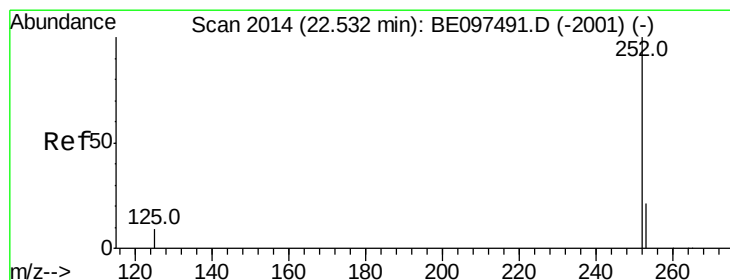
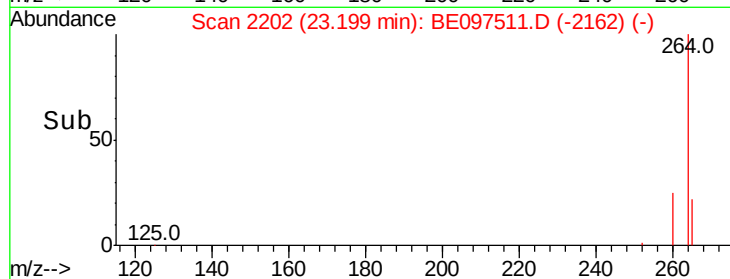
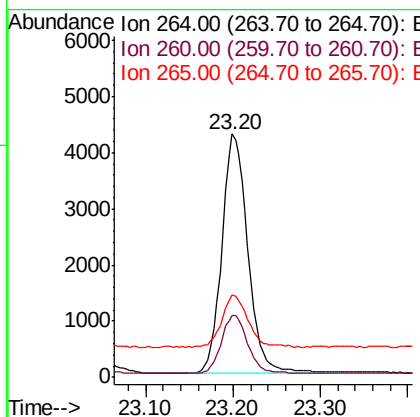
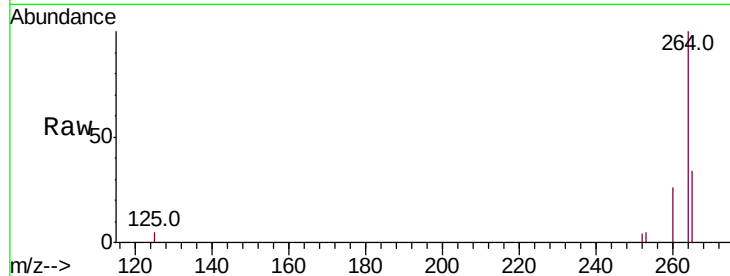




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

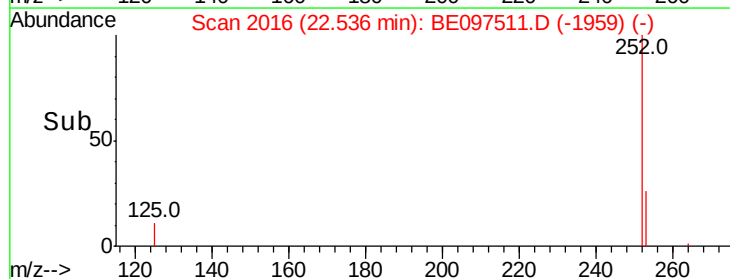
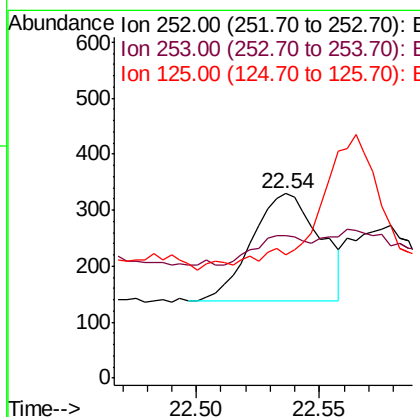
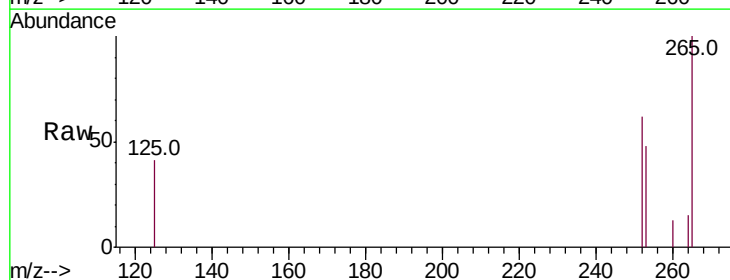
Instrument :
 BNA_E
 ClientSampleId :

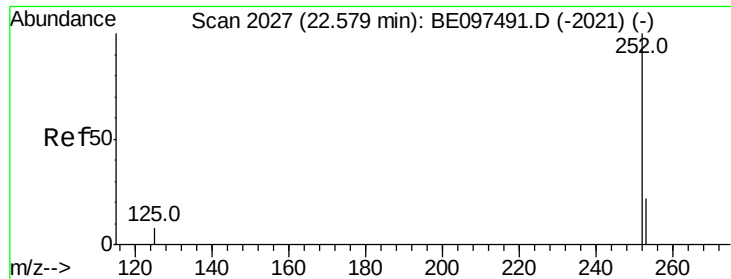
Tot Ion:264 Resp: 8773
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 33.8 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.017 ng
 RT: 22.54 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE097511.D
 Acq: 18 Sep 2018 00:36

Tgt Ion:252 Resp: 374
 Ion Ratio Lower Upper
 252 100
 253 77.3 20.0 30.0#
 125 67.0 16.0 24.0#

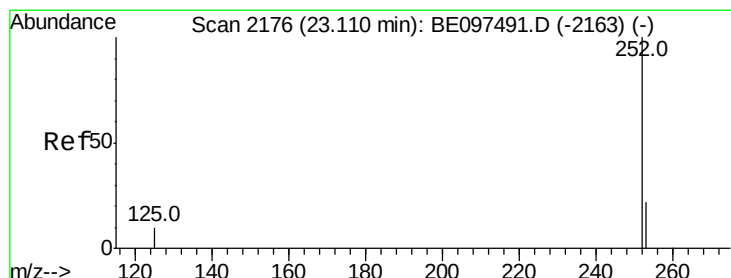
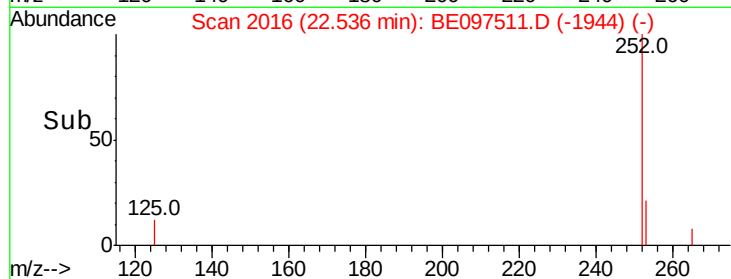
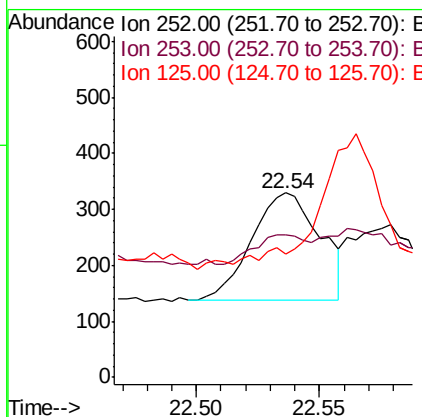
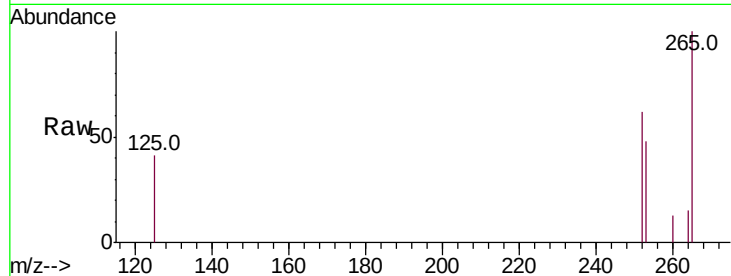




#36
Benzo(k)fluoranthene
Concen: 0.015 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

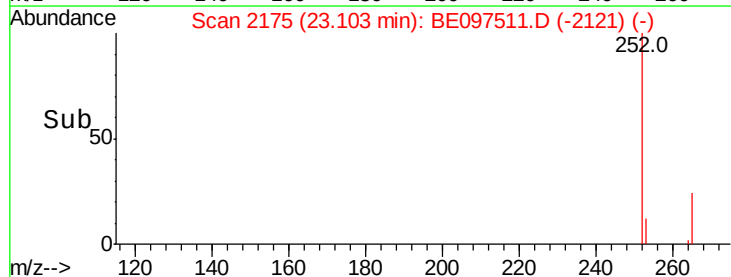
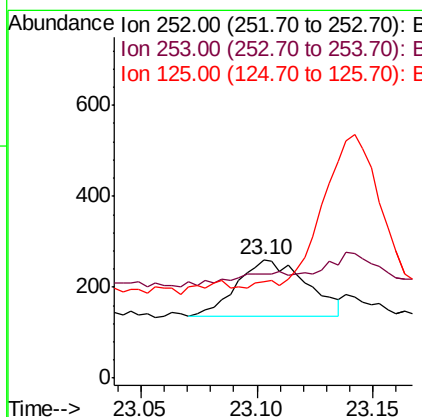
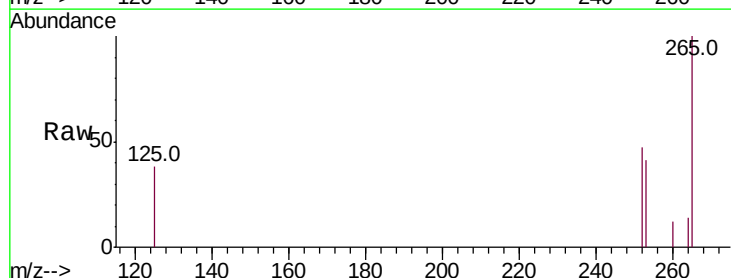
Instrument :
BNA_E
ClientSampled :

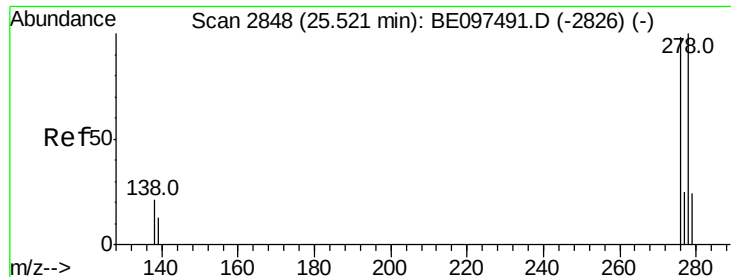
Tot Ion:252 Resp: 374
Ion Ratio Lower Upper
252 100
253 77.3 16.0 24.0#
125 67.0 8.0 12.0#



#37
Benzo(a)pyrene
Concen: 0.012 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:252 Resp: 265
Ion Ratio Lower Upper
252 100
253 87.4 16.0 24.0#
125 81.6 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 25.52 min Scan# 2850

Delta R.T. 0.00 min

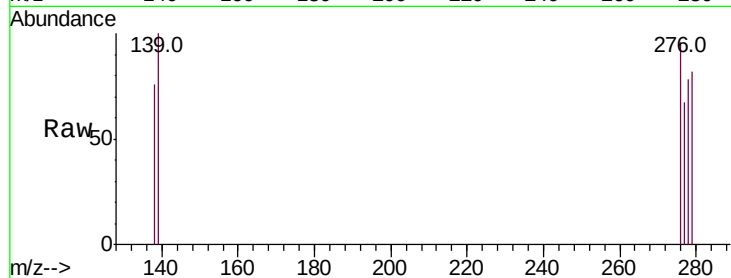
Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Instrument :

BNA_E

ClientSampleId :



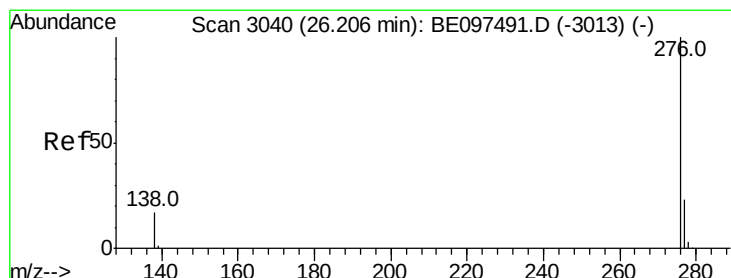
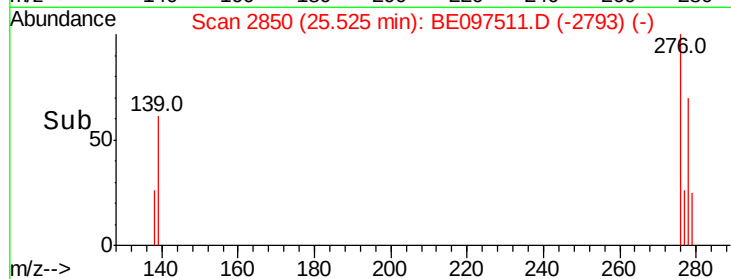
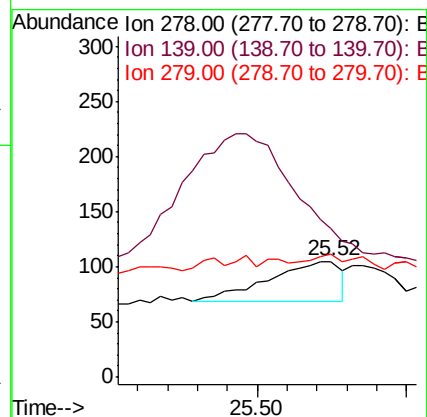
Tot Ion:278 Resp: 60

Ion Ratio Lower Upper

278 100

139 128.6 16.0 24.0#

279 105.7 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.011 ng

RT: 26.22 min Scan# 3044

Delta R.T. 0.01 min

Lab File: BE097511.D

Acq: 18 Sep 2018 00:36

Tgt Ion:276 Resp: 254

Ion Ratio Lower Upper

276 100

277 60.9 16.0 24.0#

138 66.7 20.0 30.0#

