

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097498.D
 Acq On : 17 Sep 2018 16:28
 Operator : SJ/JU
 Sample : J4741-33
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC3-01-B

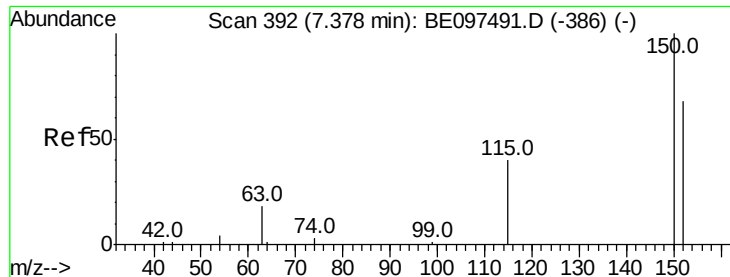
Quant Time: Sep 18 05:50:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	900	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4259	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2465	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6761	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8594	0.40	ng	0.00
34) Perylene-d12	23.21	264	8635	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	640	0.21	ng	0.00
5) Phenol-d6	6.62	99	440	0.11	ng	0.02
8) Nitrobenzene-d5	8.52	82	1500	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	2913	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	669	0.51	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4987	0.58	ng	0.00
25) Fluoranthene-d10	18.80	212	42305	0.52	ng	0.00
29) Terphenyl-d14	19.42	244	10663	0.65	ng	0.00

Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.36	42	111	0.085	ng	# 4
6) bis(2-Chloroethyl)ether	6.84	93	13	0.004	ng	# 1
9) Naphthalene	10.17	128	35924	0.929	ng	100
10) Hexachlorobutadiene	10.46	225	5	0.003	ng	# 38
12) 2-Methylnaphthalene	11.79	142	6010	0.972	ng	99
16) Acenaphthylene	13.73	152	258	0.024	ng	# 47
17) Acenaphthene	14.06	154	1971	0.298	ng	93
18) Fluorene	15.06	166	2058	0.244	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	3	0.001	ng	# 39
21) Hexachlorobenzene	16.07	284	4	0.001	ng	# 1
22) Pentachlorophenol	16.44	266	302	0.619	ng	# 80
23) Phenanthrene	16.80	178	6128	0.385	ng	99
24) Anthracene	16.89	178	689	0.047	ng	98
26) Fluoranthene	18.83	202	2160	0.104	ng	99
28) Pyrene	19.19	202	1961	0.089	ng	# 96
30) Benzo(a)anthracene	20.95	228	275	0.012	ng	# 42
31) Chrysene	21.00	228	263	0.011	ng	# 47
32) Bis(2-ethylhexyl)phthalate	20.91	149	12471	0.260	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.47	276	4	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.54	252	191	0.009	ng	# 1
36) Benzo(k)fluoranthene	22.54	252	191	0.008	ng	# 1
37) Benzo(a)pyrene	23.12	252	94	0.004	ng	# 1
38) Dibenzo(a,h)anthracene	25.51	278	5	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.23	276	47	0.002	ng	# 1

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

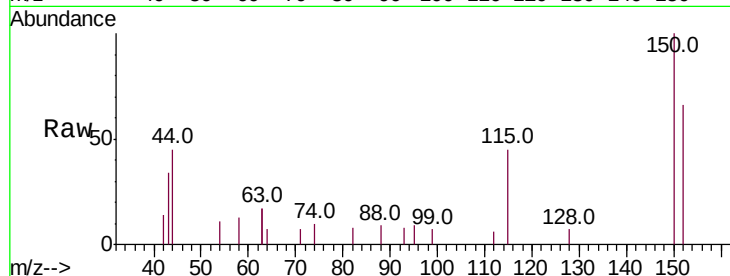


#1

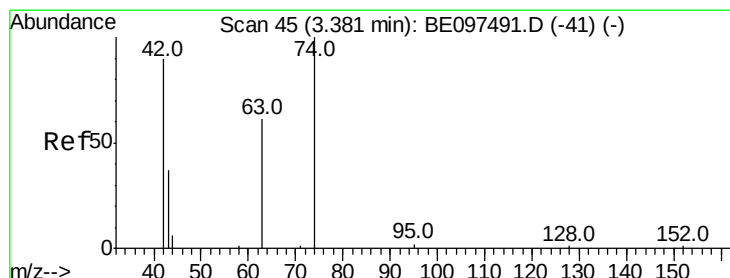
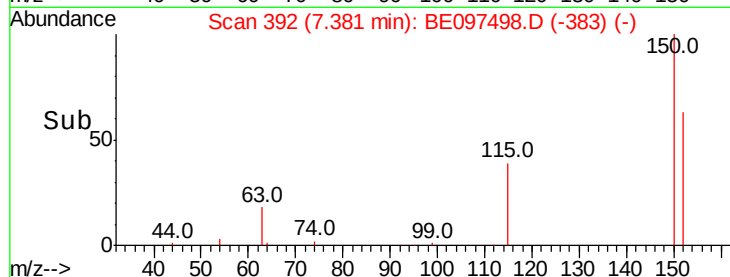
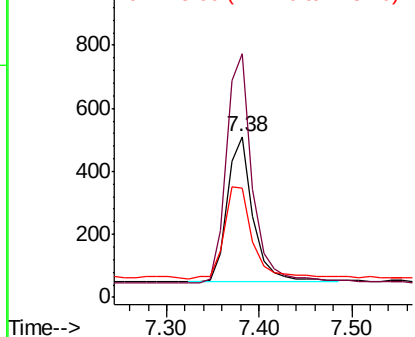
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

Instrument :
BNA_E
ClientSampleId :
AOC3-01-B

Tot Ion:152 Resp: 900
Ion Ratio Lower Upper
152 100
150 151.6 117.2 175.8
115 68.0 57.0 85.6



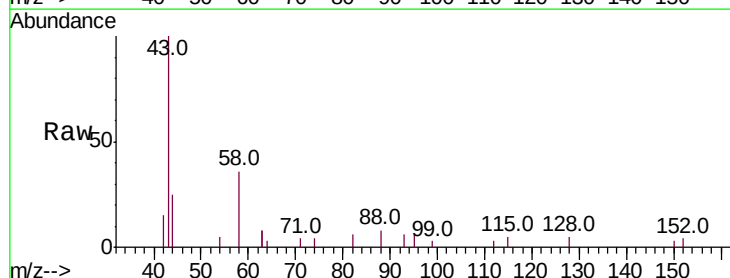
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



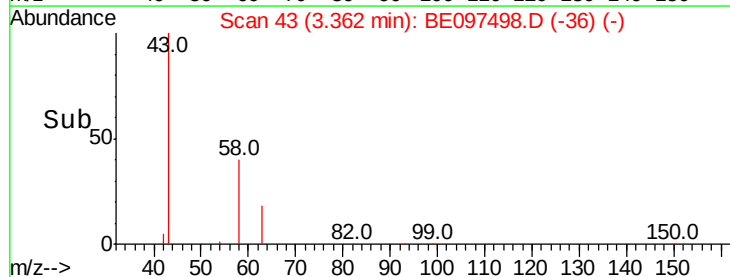
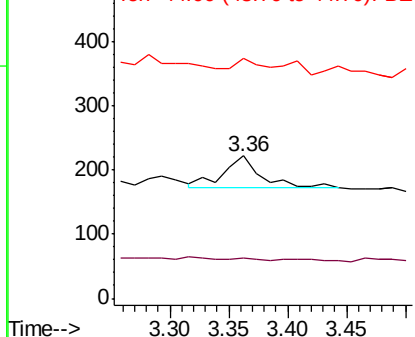
#3

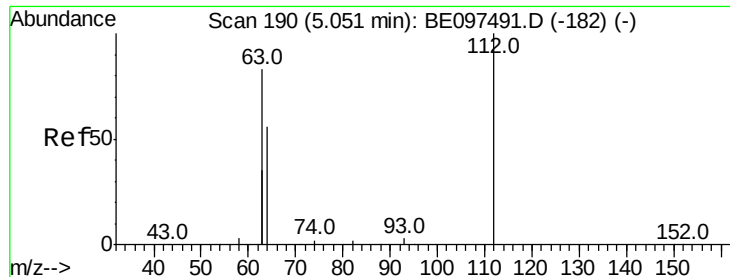
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

Tgt Ion: 42 Resp: 111
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 16.2 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: 0.210 ng

RT: 5.06 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

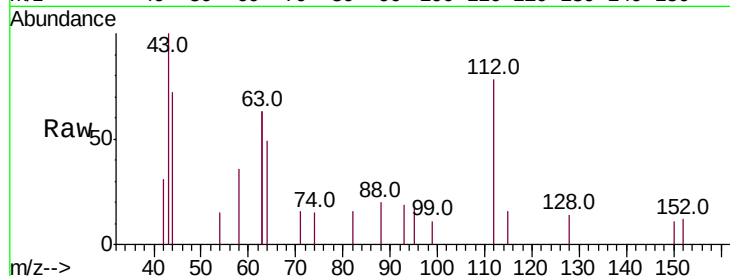
Tot Ion:112 Resp: 640

Ion Ratio Lower Upper

112 100

64 70.8 60.1 90.1

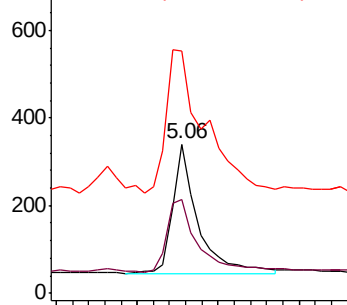
63 166.3 116.8 175.2



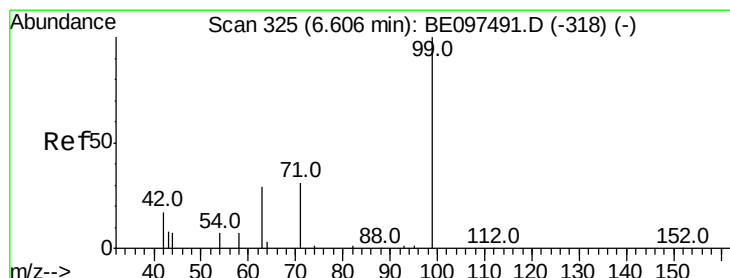
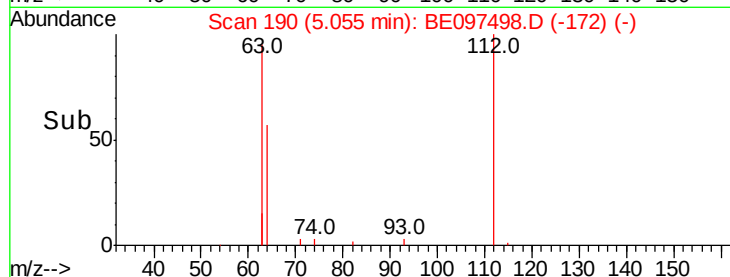
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 4.90 5.00 5.10 5.20



#5

Phenol-d6

Concen: 0.114 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.02 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

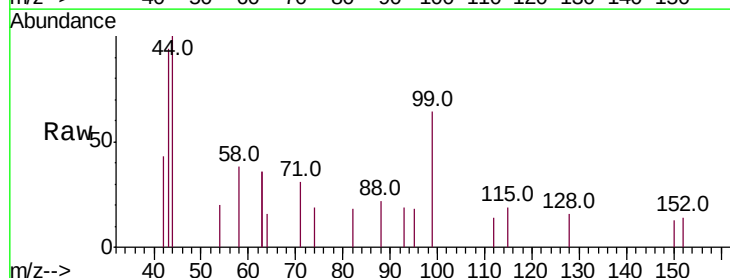
Tgt Ion: 99 Resp: 440

Ion Ratio Lower Upper

99 100

42 21.1 20.2 30.2

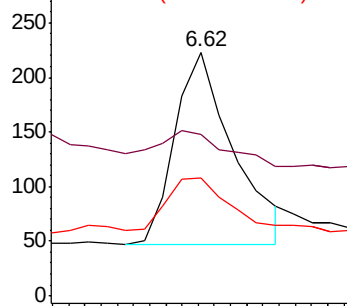
71 28.0 28.4 42.6#



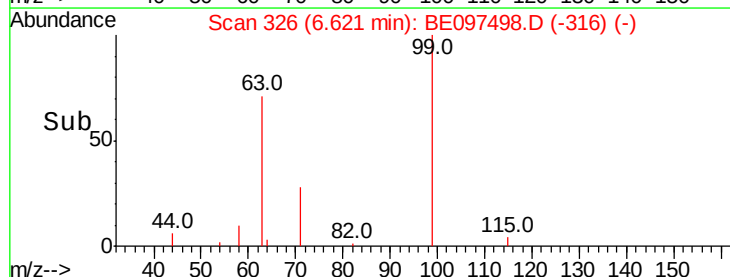
Abundance Ion 99.00 (98.70 to 99.70): BE0

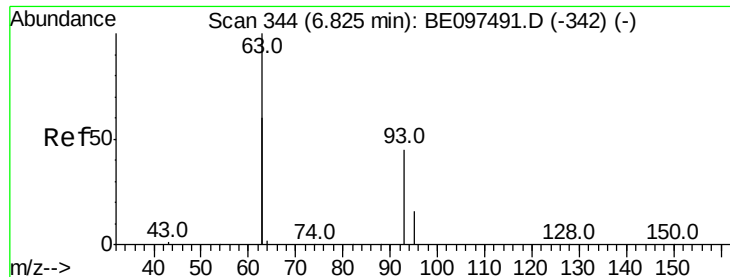
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.55 6.60 6.65 6.70





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.02 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

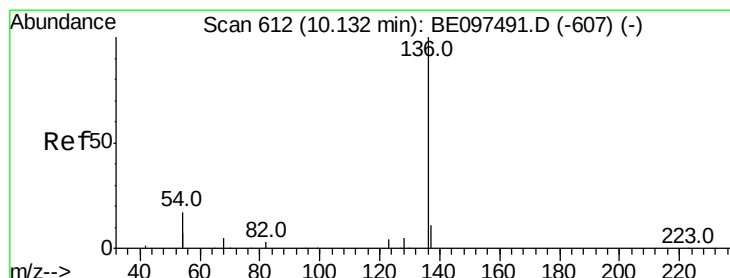
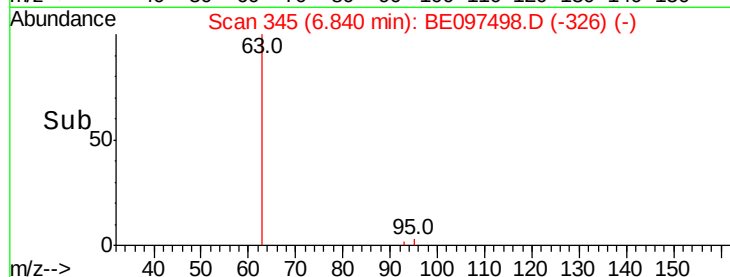
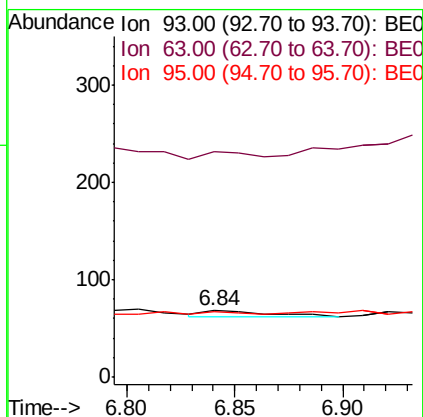
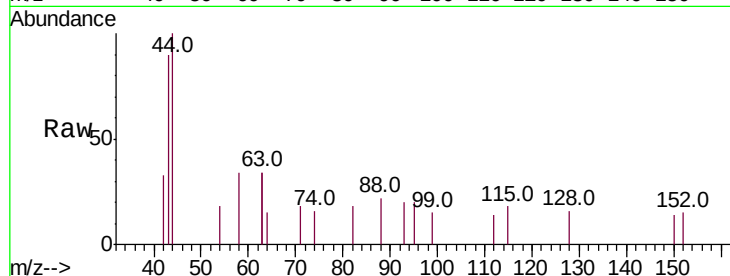
Tot Ion: 93 Resp: 13

Ion Ratio Lower Upper

93 100

63 84.6 275.3 412.9#

95 0.0 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Tgt Ion: 136 Resp: 4259

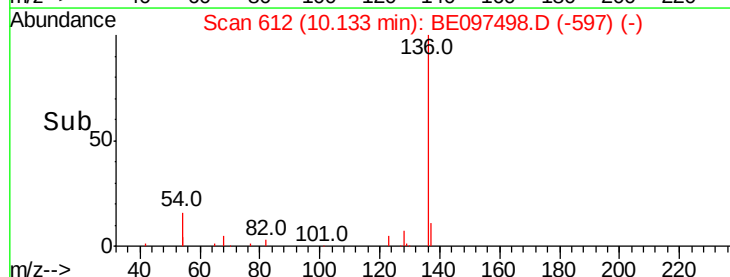
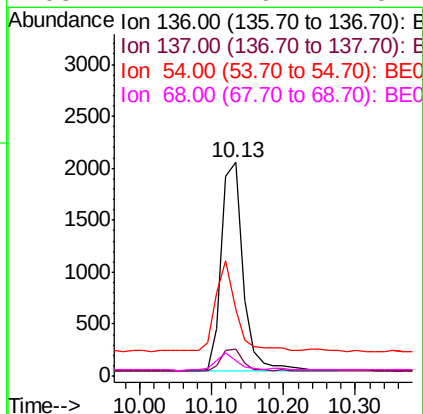
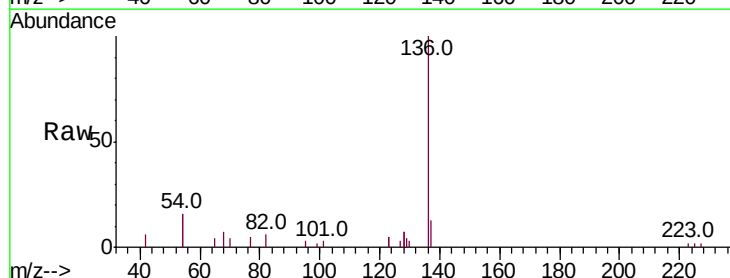
Ion Ratio Lower Upper

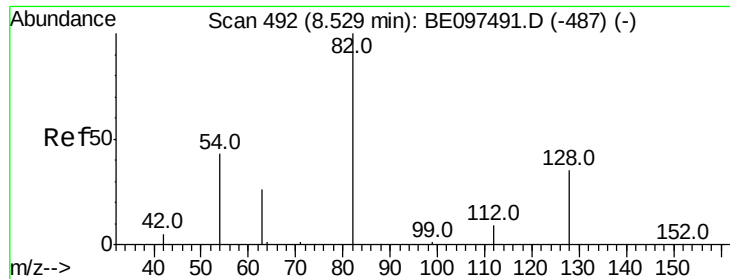
136 100

137 12.6 9.5 14.3

54 31.4 29.1 43.7

68 7.2 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.438 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

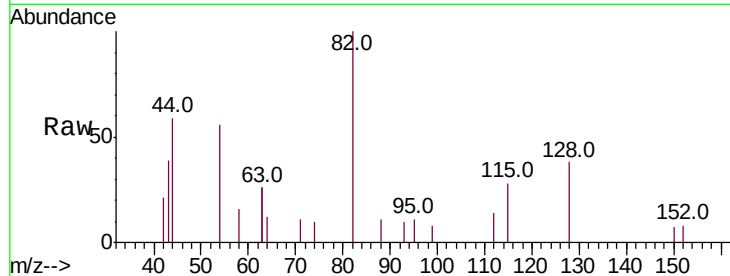
Tot Ion: 82 Resp: 1500

Ion Ratio Lower Upper

82 100

128 37.6 24.0 36.0#

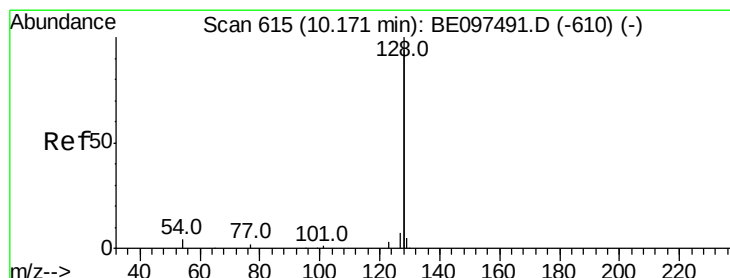
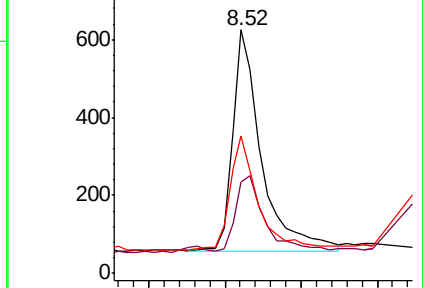
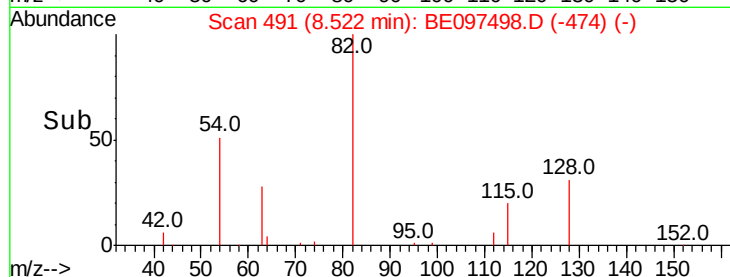
54 56.2 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.929 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

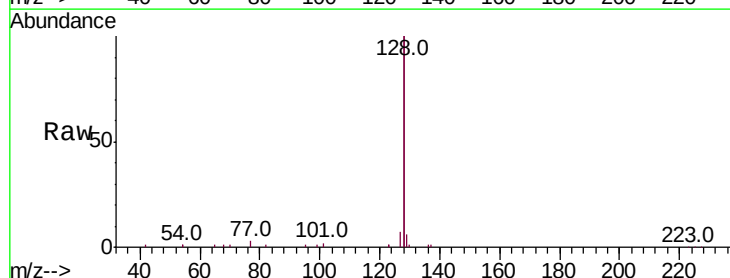
Tgt Ion:128 Resp: 35924

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

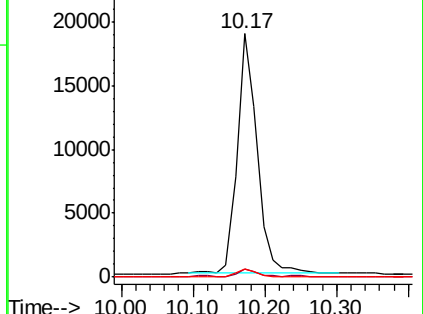
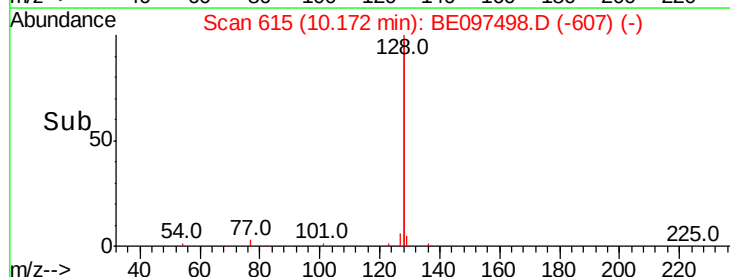
127 3.4 2.8 4.2

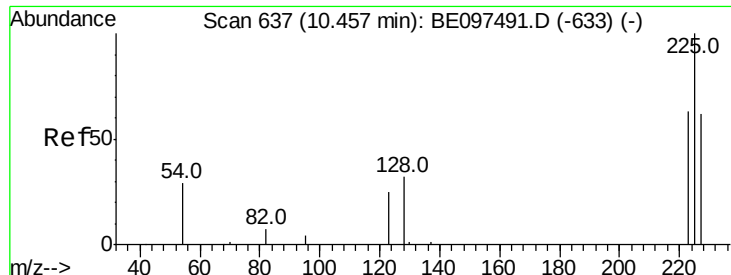


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

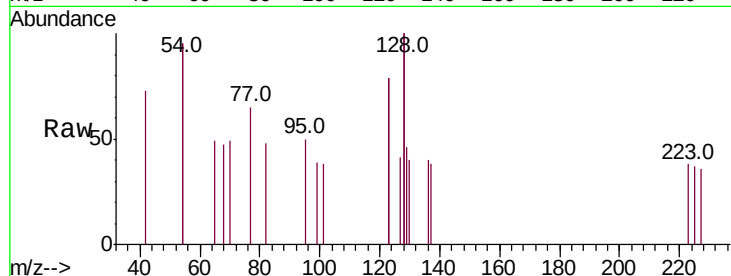




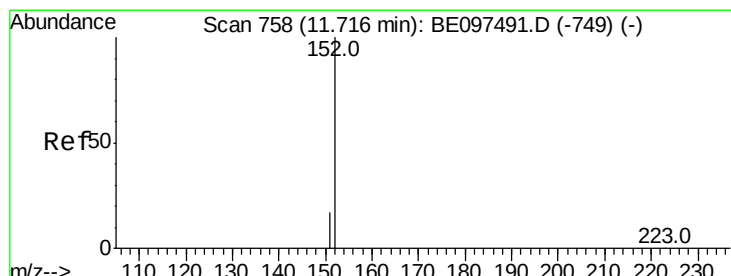
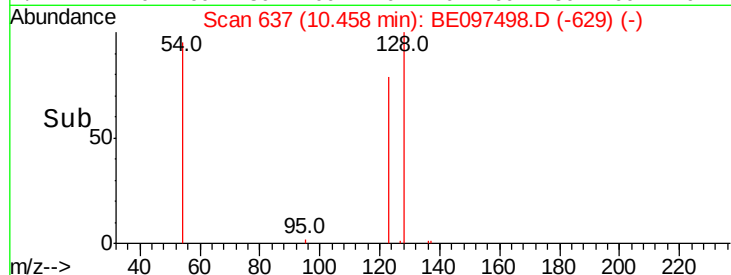
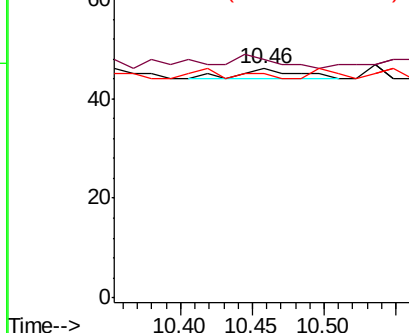
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

Instrument :
BNA_E
ClientSampleId :
AOC3-01-B

Tot Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 100.0 53.0 79.6#
227 0.0 51.4 77.2#

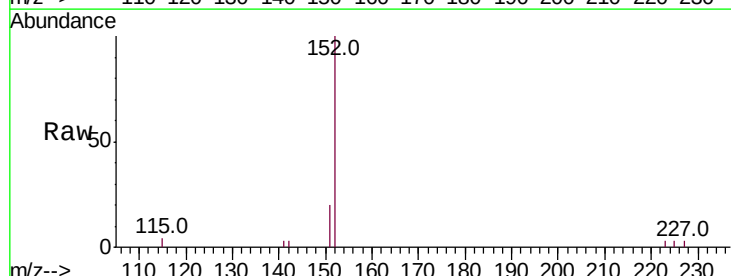


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

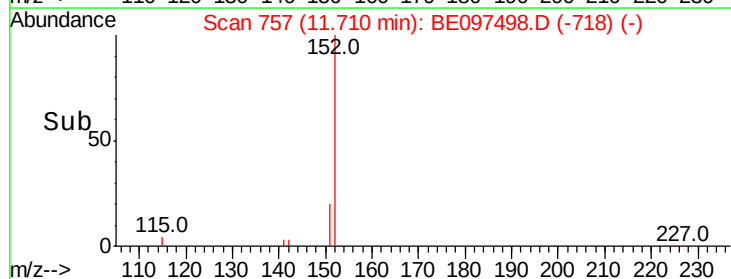
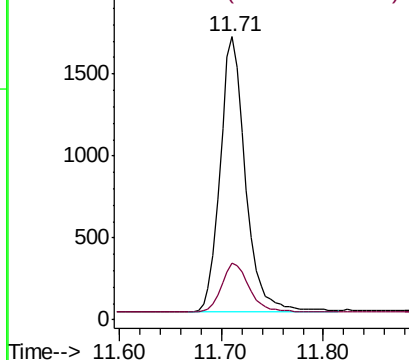


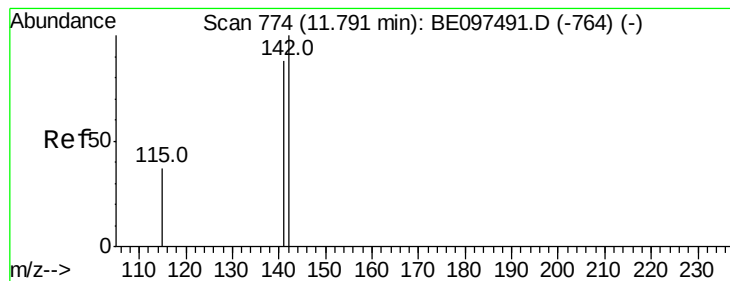
#11
2-Methylnaphthalene-d10
Concen: 0.479 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

Tgt Ion:152 Resp: 2913
Ion Ratio Lower Upper
152 100
151 19.2 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: 0.972 ng

RT: 11.79 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

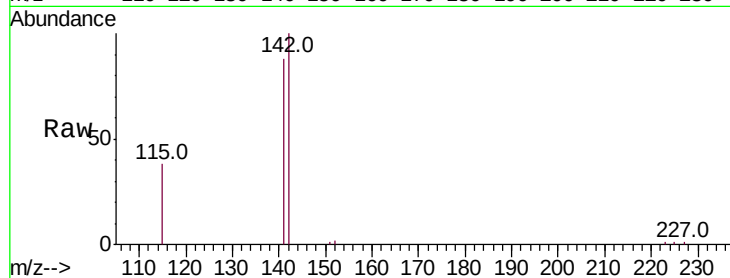
Tot Ion:142 Resp: 6010

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

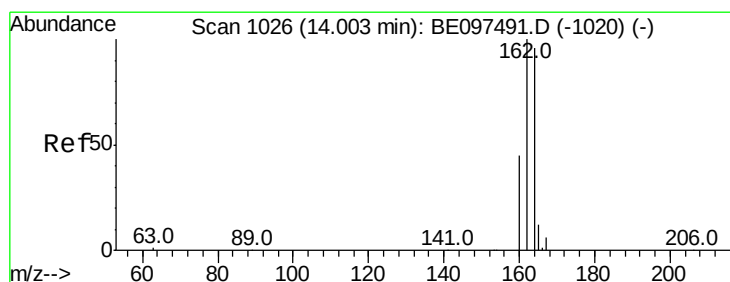
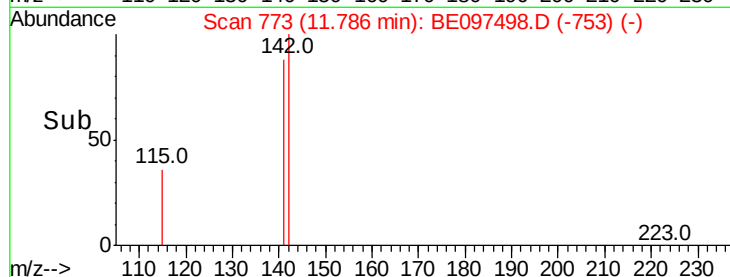
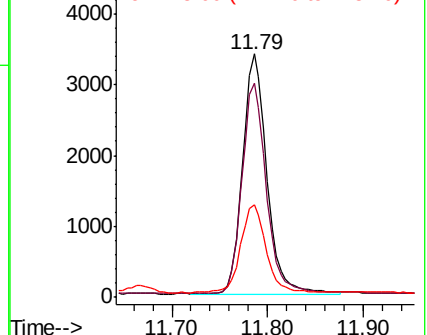
115 38.2 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

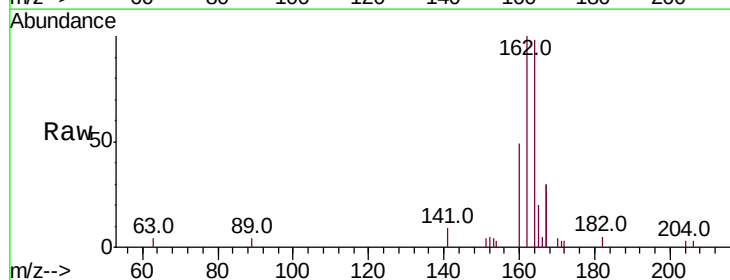
Tgt Ion:164 Resp: 2465

Ion Ratio Lower Upper

164 100

162 101.8 83.1 124.7

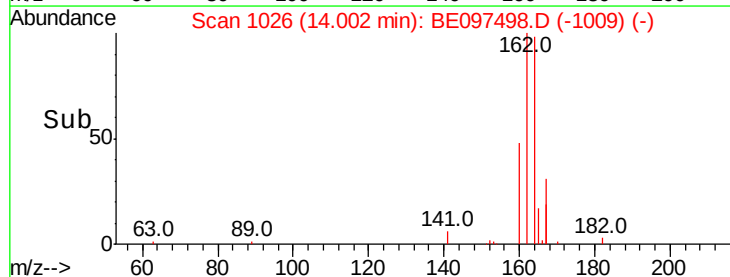
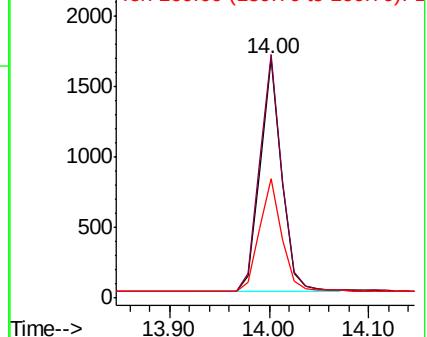
160 50.2 37.1 55.7

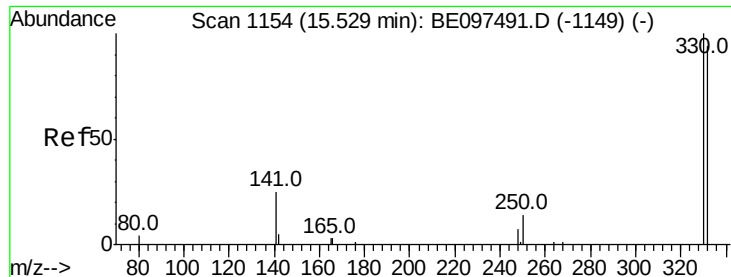


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

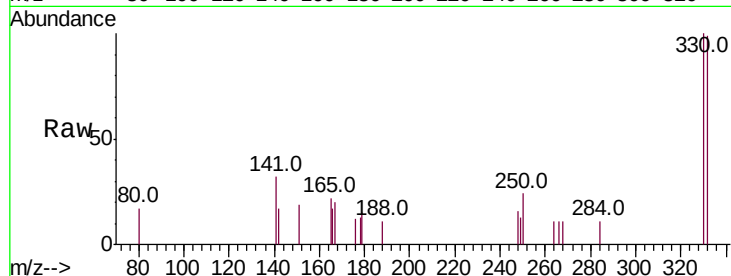




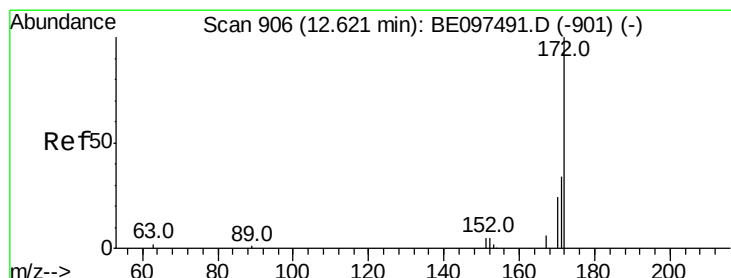
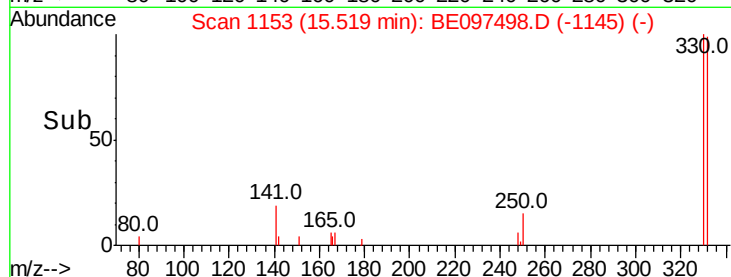
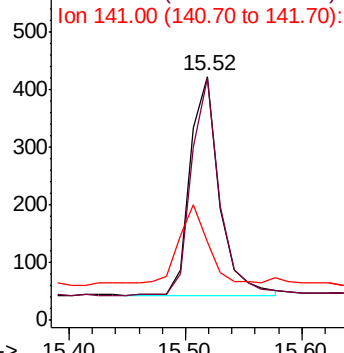
#14
 2,4,6-Tribromophenol
 Concen: 0.514 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097498.D
 Acq: 17 Sep 2018 16:28

Instrument :
 BNA_E
 ClientSampleId :
 AOC3-01-B

Tot Ion:330 Resp: 669
 Ion Ratio Lower Upper
 330 100
 332 96.1 152.7 229.1#
 141 35.1 33.7 50.5

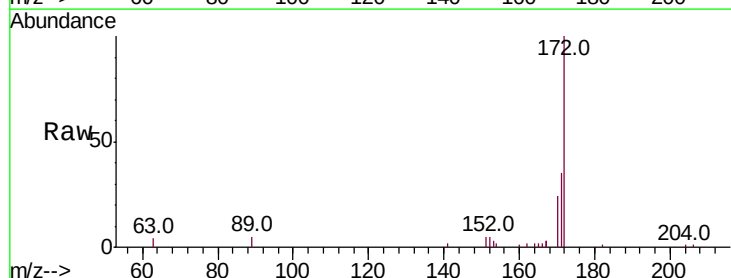


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

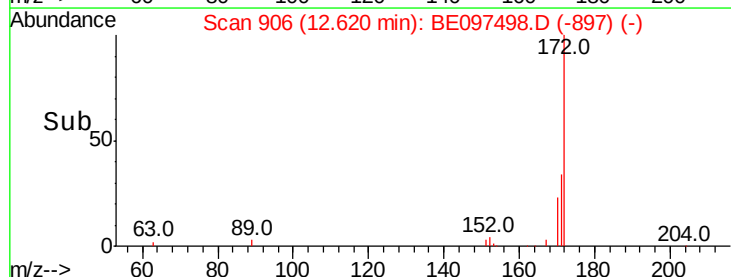
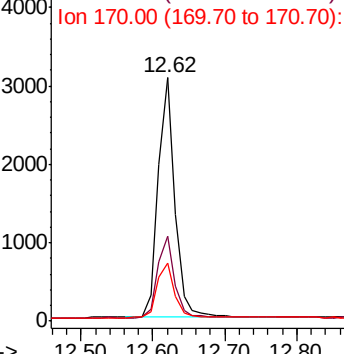


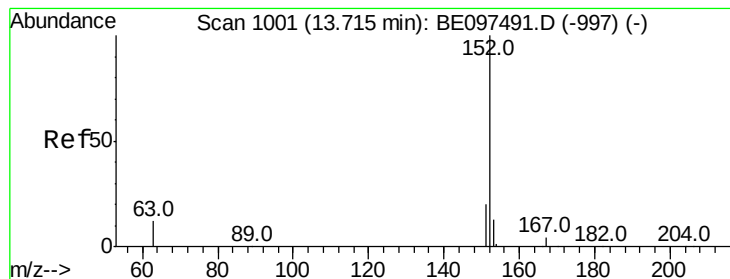
#15
 2-Fluorobiphenyl
 Concen: 0.579 ng
 RT: 12.62 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097498.D
 Acq: 17 Sep 2018 16:28

Tgt Ion:172 Resp: 4987
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.9 44.9
 170 23.8 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: 0.024 ng

RT: 13.73 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

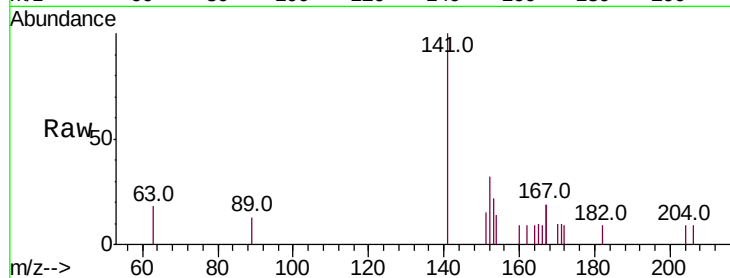
Tot Ion:152 Resp: 258

Ion Ratio Lower Upper

152 100

151 22.9 15.7 23.5

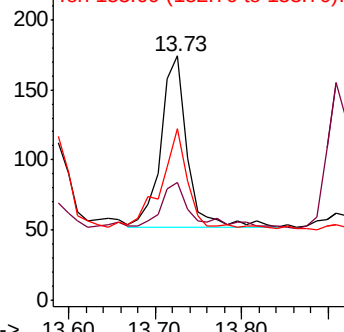
153 61.2 10.5 15.7#



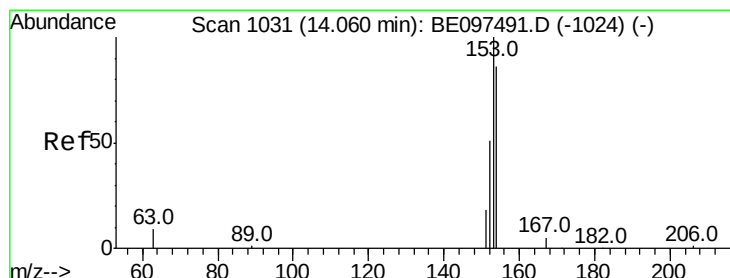
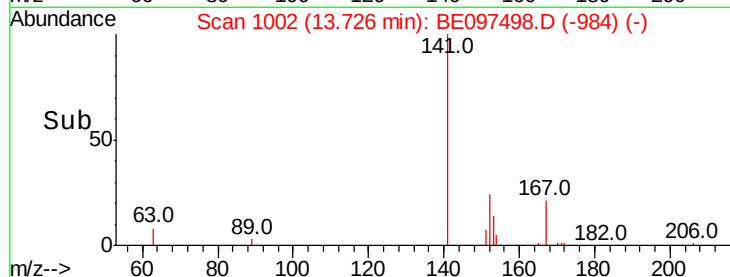
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#17

Acenaphthene

Concen: 0.298 ng

RT: 14.06 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

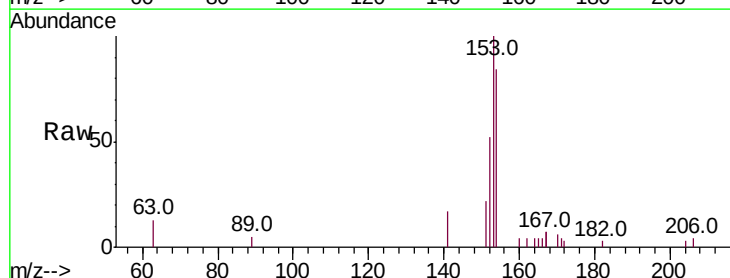
Tgt Ion:154 Resp: 1971

Ion Ratio Lower Upper

154 100

153 118.1 89.2 133.8

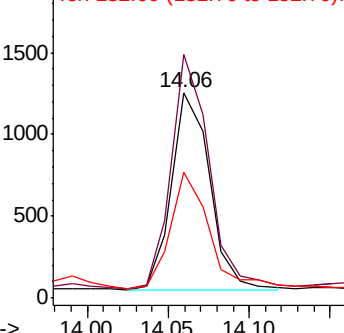
152 59.2 42.0 63.0



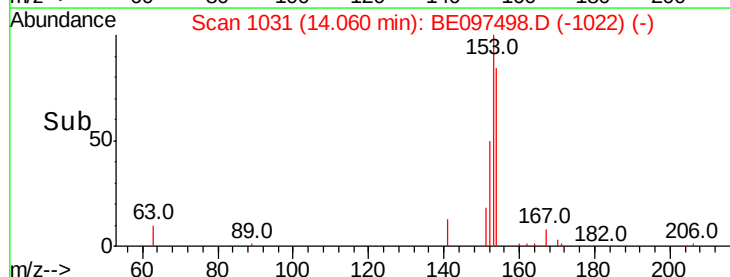
Abundance Ion 154.00 (153.70 to 154.70): E

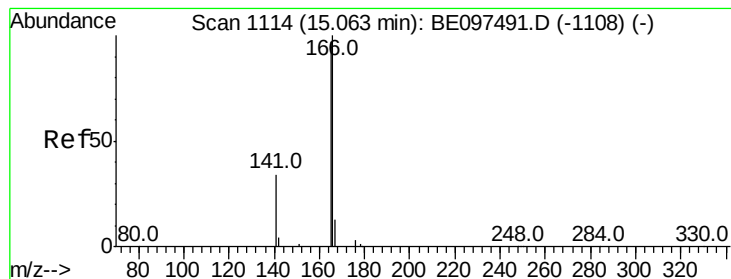
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





#18

Fluorene

Concen: 0.244 ng

RT: 15.06 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

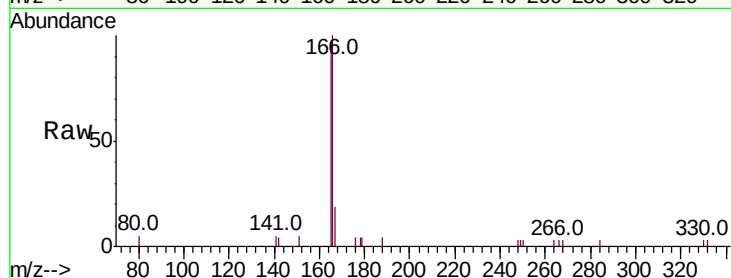
Tot Ion:166 Resp: 2058

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

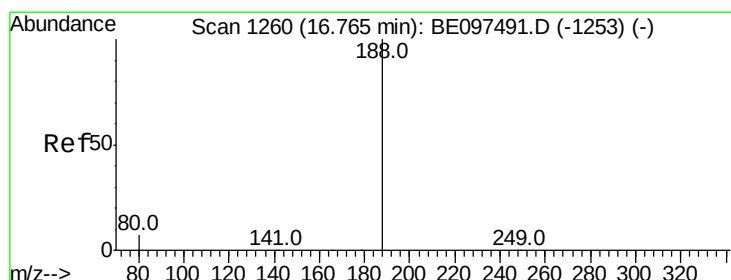
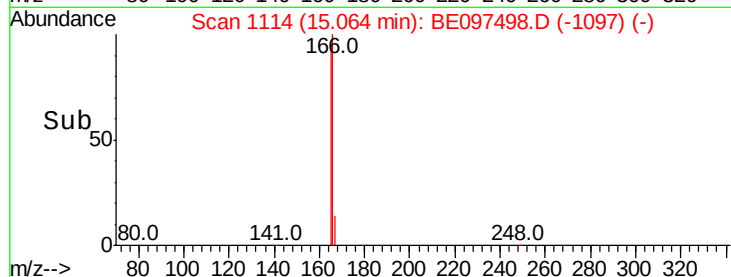
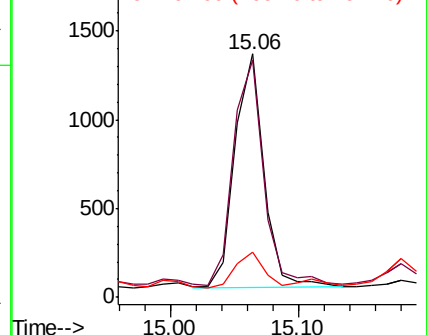
167 15.6 42.4 63.6#



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: 16.75 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

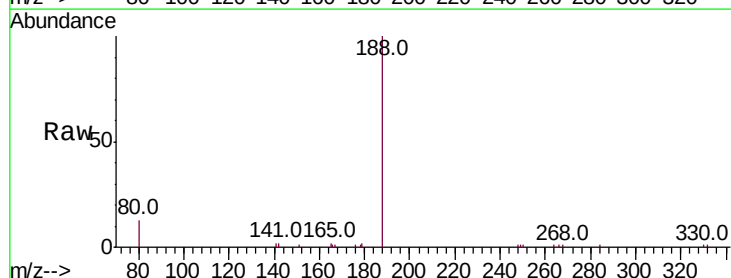
Tgt Ion:188 Resp: 6761

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

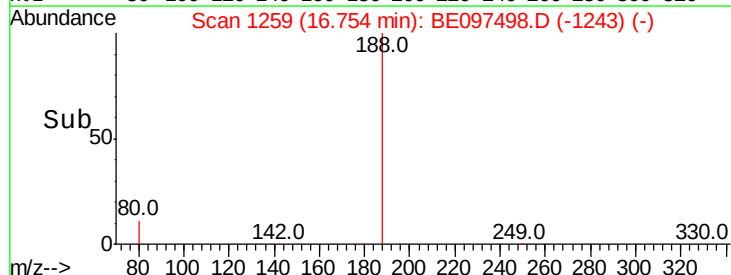
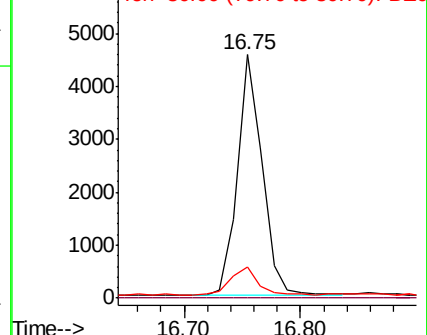
80 12.6 3.6 5.4#

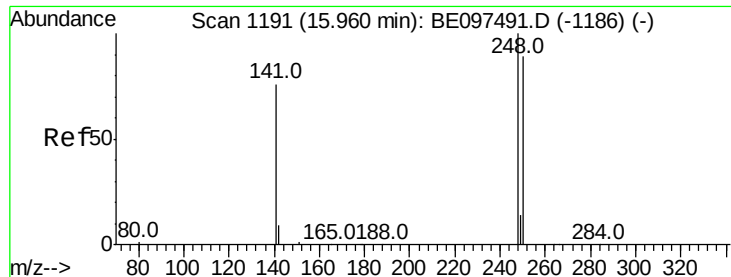


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

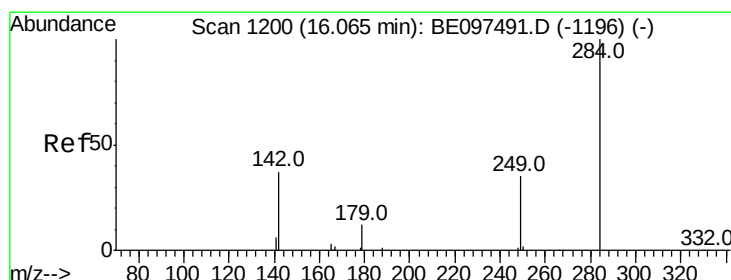
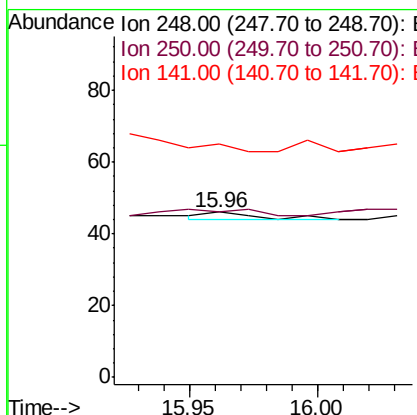
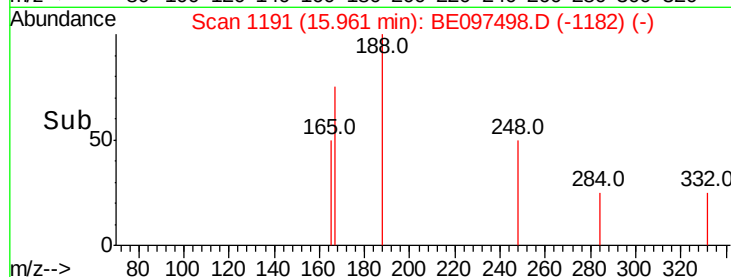
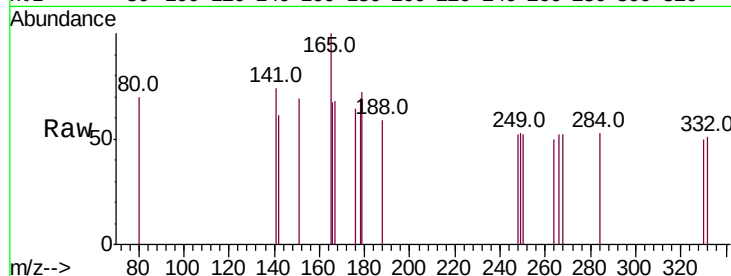




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

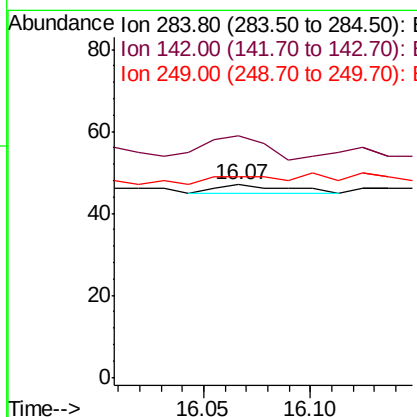
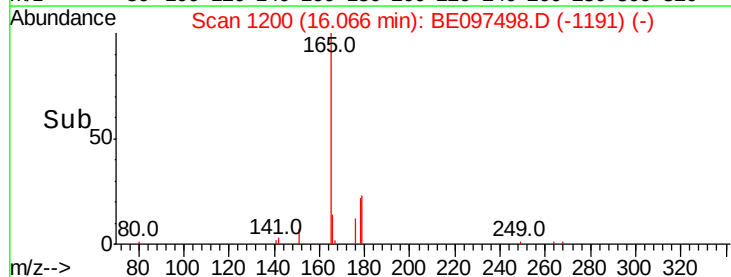
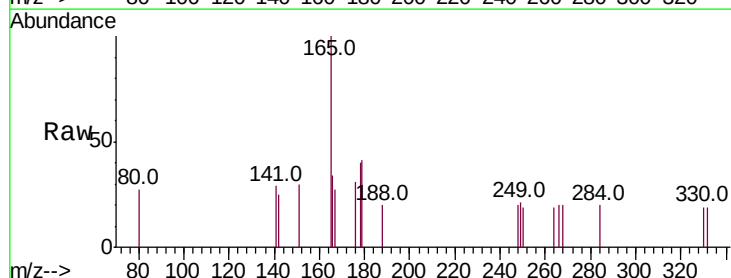
Instrument :
BNA_E
ClientSampled :
AOC3-01-B

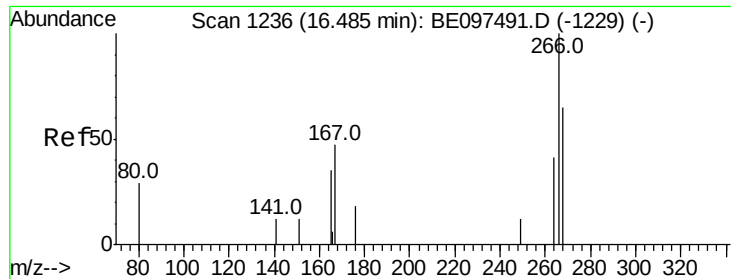
Tot Ion:248 Resp: 3
Ion Ratio Lower Upper
248 100
250 100.0 62.7 94.1#
141 141.3 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

Tgt Ion:284 Resp: 4
Ion Ratio Lower Upper
284 100
142 300.0 22.1 33.1#
249 150.0 34.8 52.2#

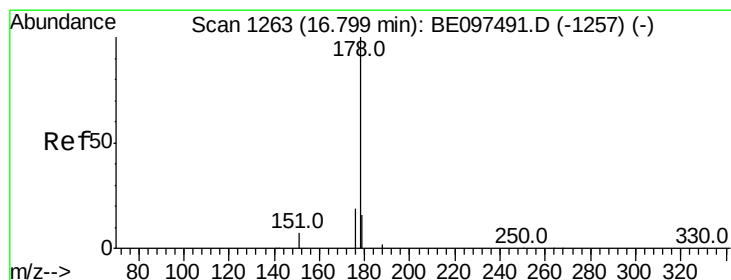
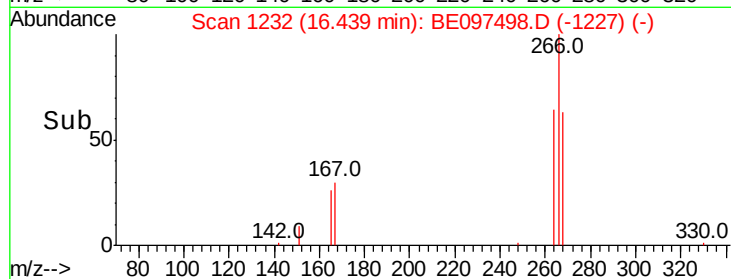
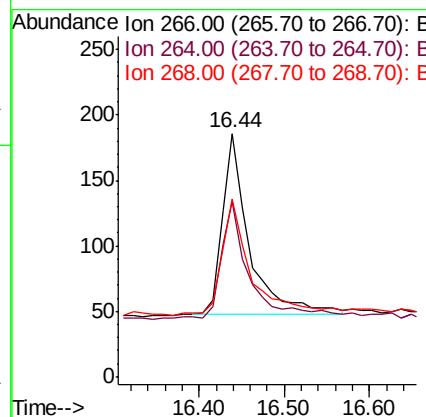
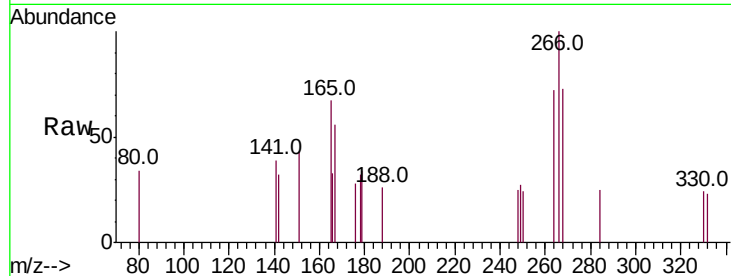




#22
 Pentachlorophenol
 Concen: 0.619 ng
 RT: 16.44 min Scan# 1232
 Delta R.T. -0.04 min
 Lab File: BE097498.D
 Acq: 17 Sep 2018 16:28

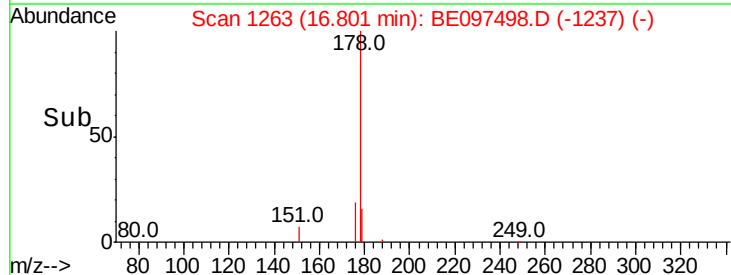
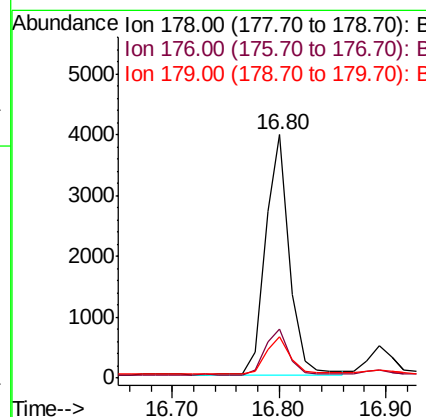
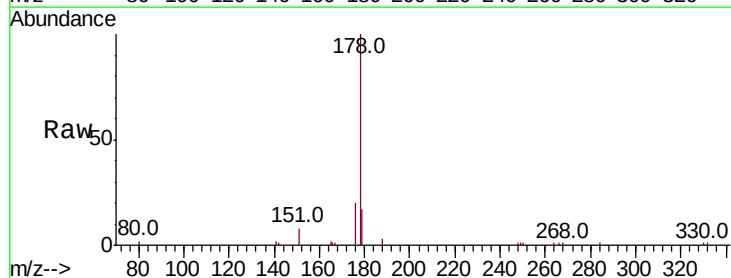
Instrument :
 BNA_E
 ClientSampleId :
 AOC3-01-B

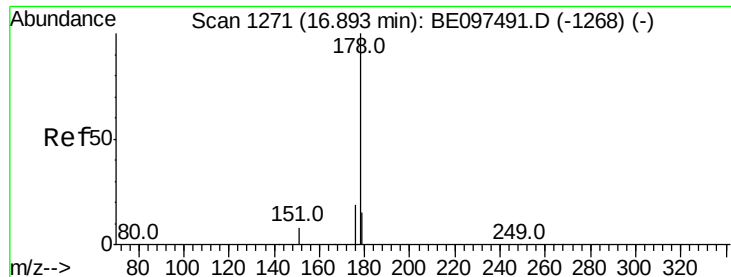
Tot Ion:266 Resp: 302
 Ion Ratio Lower Upper
 266 100
 264 72.0 72.5 108.7#
 268 73.1 73.8 110.6#



#23
 Phenanthrene
 Concen: 0.385 ng
 RT: 16.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE097498.D
 Acq: 17 Sep 2018 16:28

Tgt Ion:178 Resp: 6128
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.9 11.8 17.6





#24

Anthracene

Concen: 0.047 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampled :

AOC3-01-B

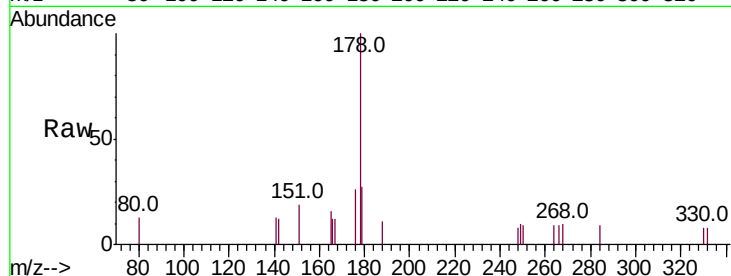
Tot Ion:178 Resp: 689

Ion Ratio Lower Upper

178 100

176 17.6 12.8 19.2

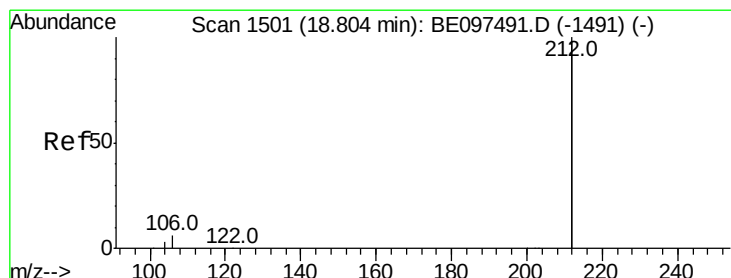
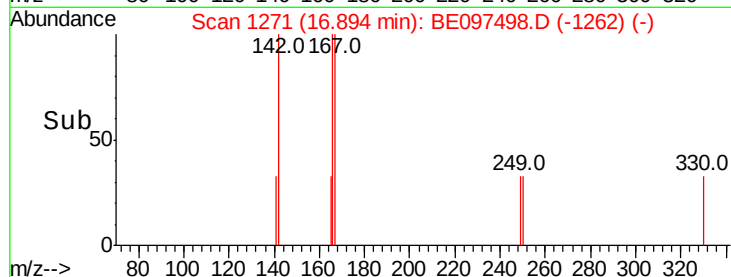
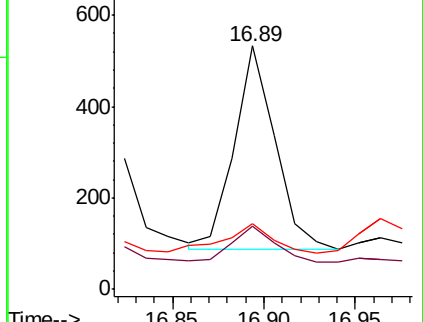
179 16.8 13.0 19.6



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: 0.521 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

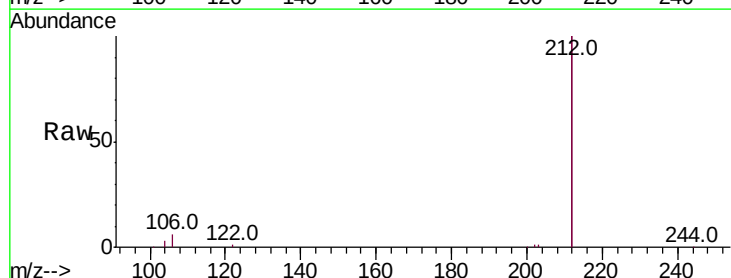
Tgt Ion:212 Resp: 42305

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

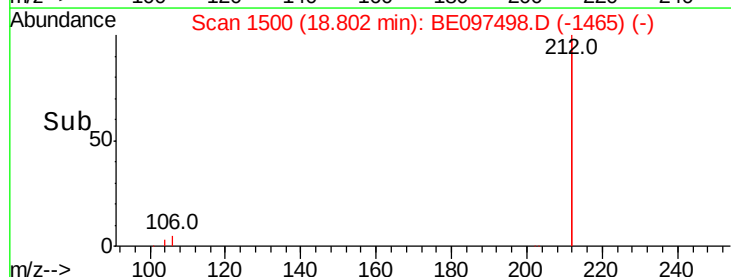
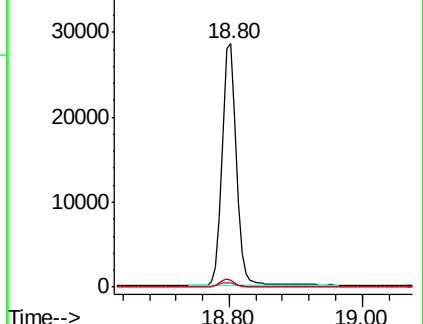
104 1.7 1.6 2.4

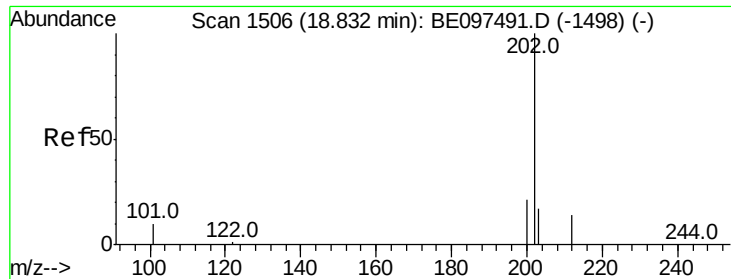


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

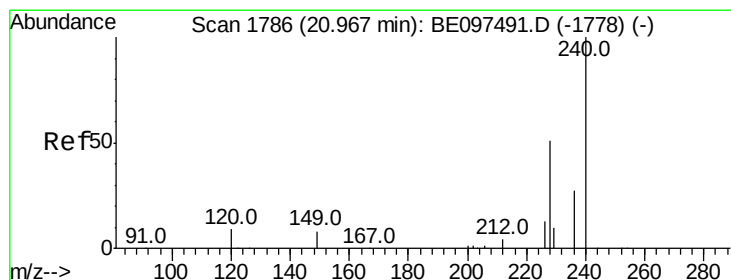
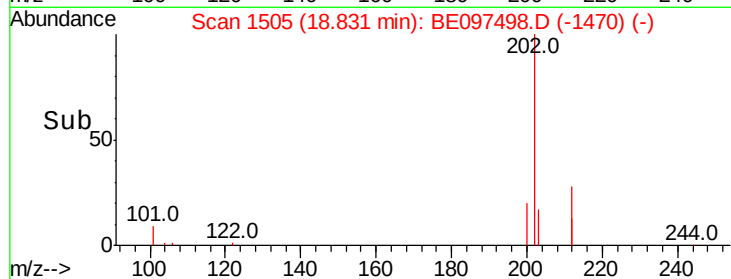
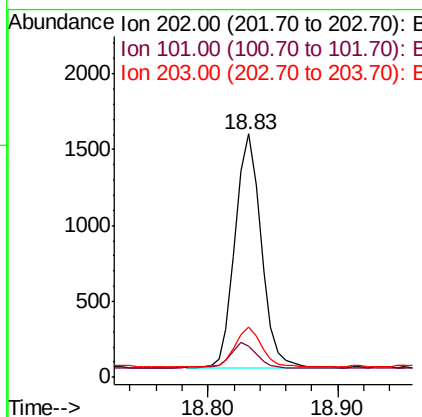
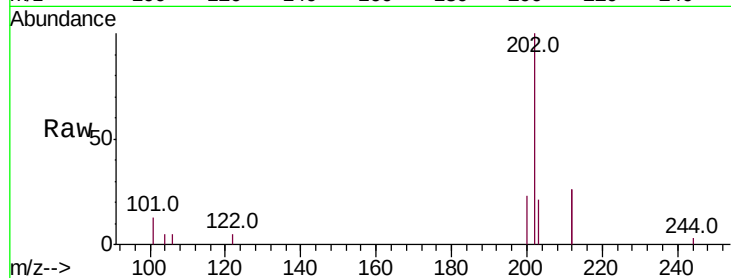




#26
 Fluoranthene
 Concen: 0.104 ng
 RT: 18.83 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BE097498.D
 Acq: 17 Sep 2018 16:28

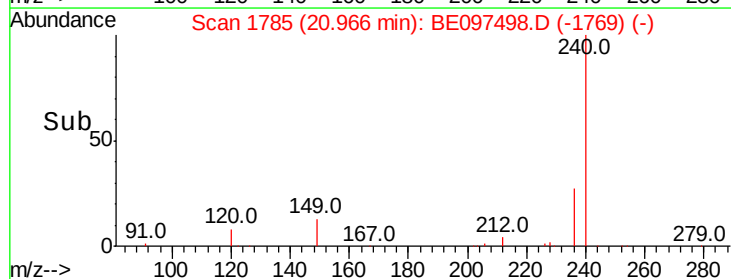
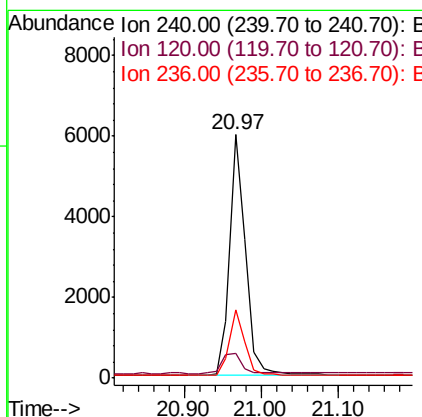
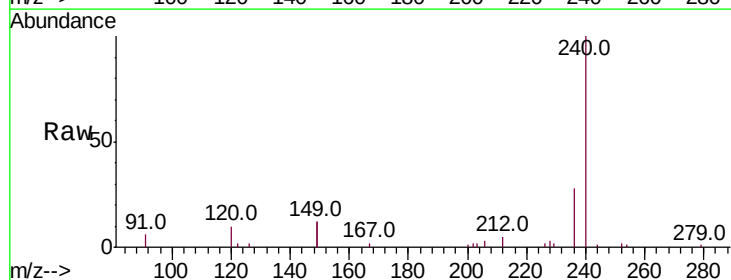
Instrument :
 BNA_E
 ClientSampleId :
 AOC3-01-B

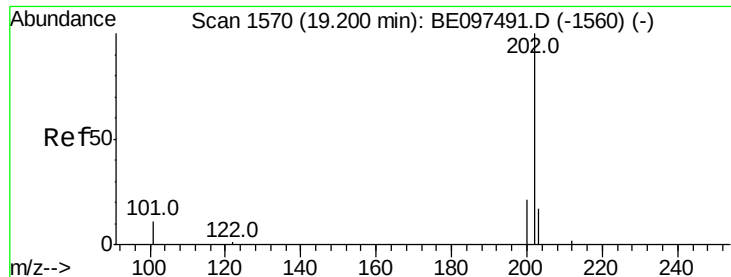
Tot Ion:202 Resp: 2160
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.8
 203 17.1 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BE097498.D
 Acq: 17 Sep 2018 16:28

Tgt Ion:240 Resp: 8594
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.5 8.3#
 236 28.2 20.7 31.1





#28

Pvrene

Concen: 0.089 ng

RT: 19.19 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

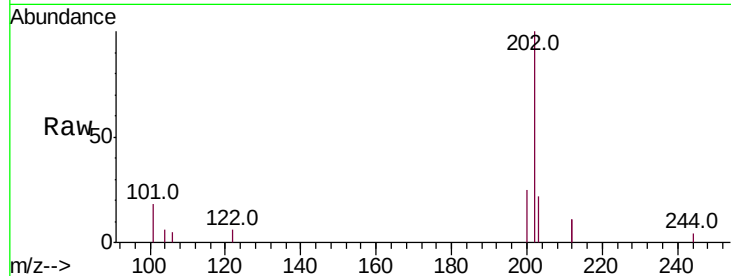
Tot Ion:202 Resp: 1961

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

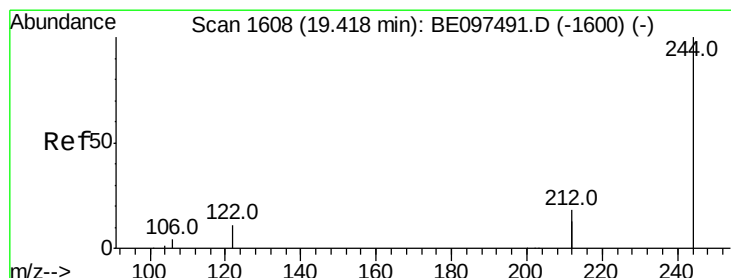
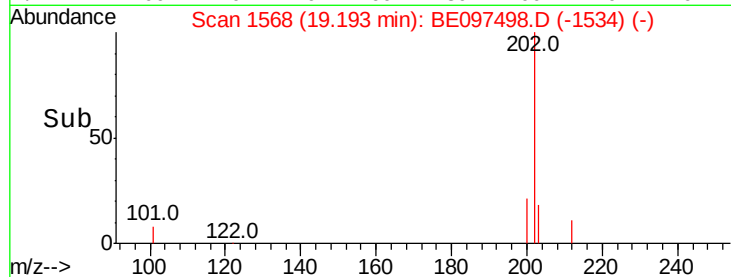
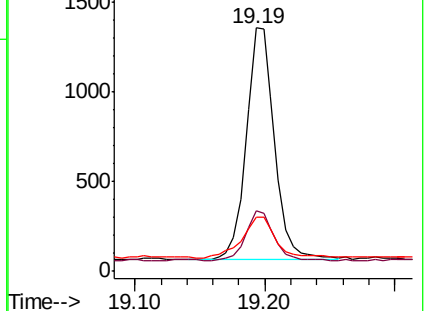
203 21.4 13.8 20.8#



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: 0.649 ng

RT: 19.42 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

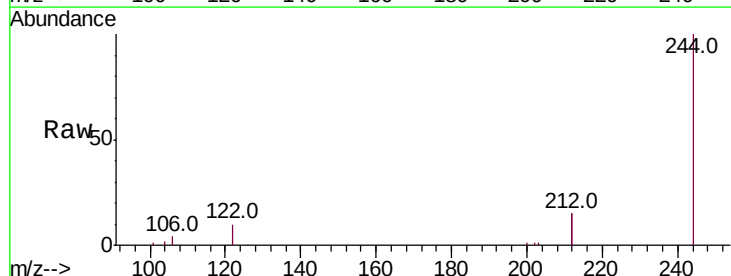
Tgt Ion:244 Resp: 10663

Ion Ratio Lower Upper

244 100

212 30.8 25.4 38.0

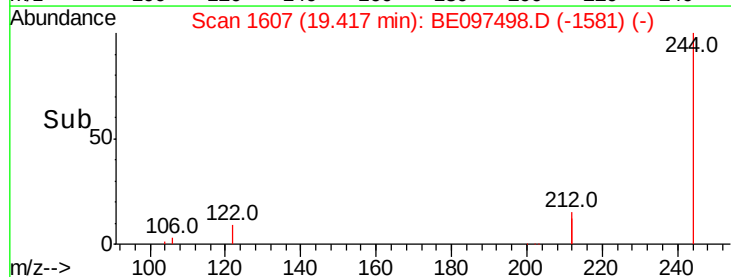
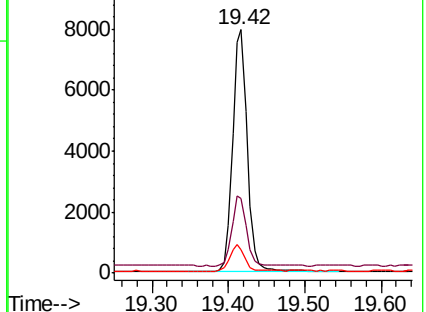
122 9.6 8.1 12.1

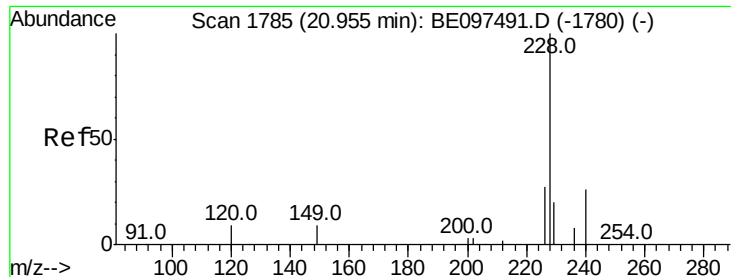


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.012 ng

RT: 20.95 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

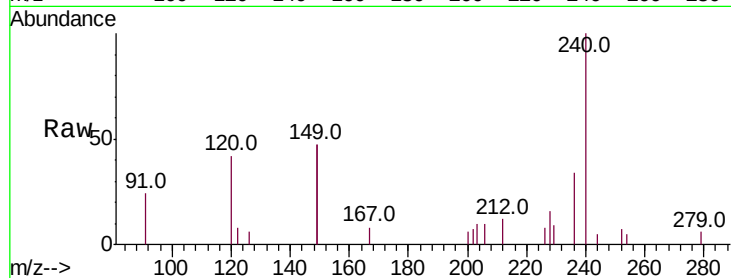
Tot Ion:228 Resp: 275

Ion Ratio Lower Upper

228 100

226 53.4 24.0 36.0#

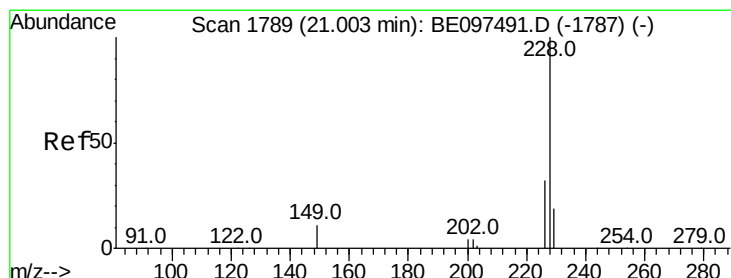
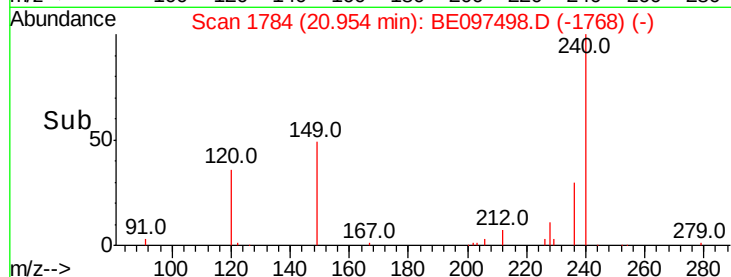
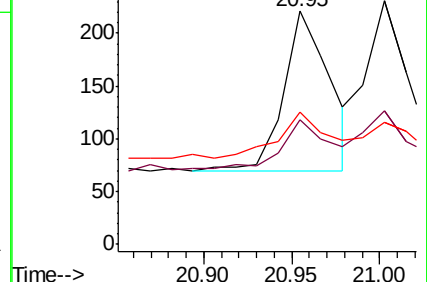
229 56.6 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.011 ng

RT: 21.00 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

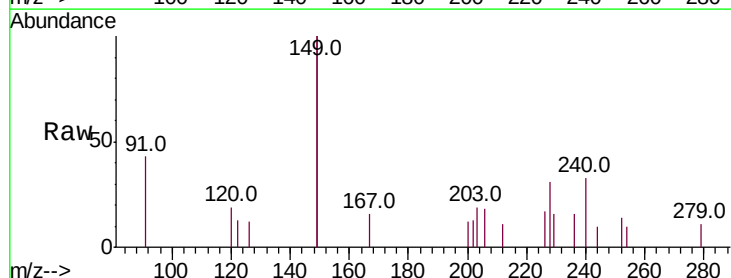
Tgt Ion:228 Resp: 263

Ion Ratio Lower Upper

228 100

226 54.5 24.0 36.0#

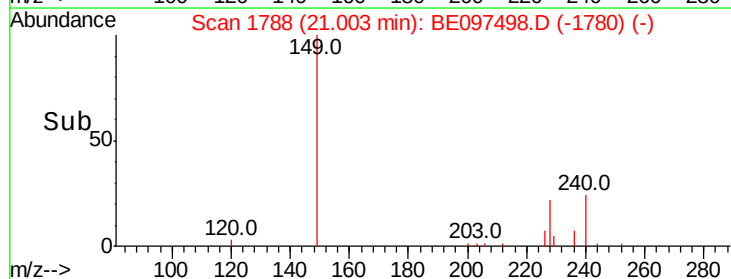
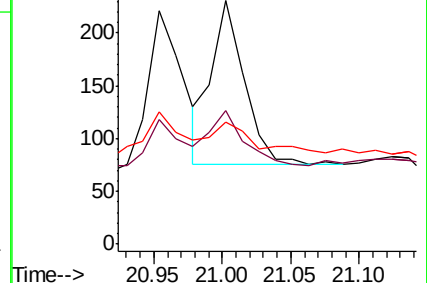
229 50.2 16.0 24.0#

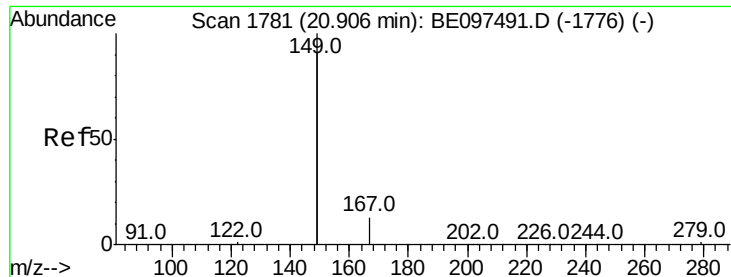


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.260 ng

RT: 20.91 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

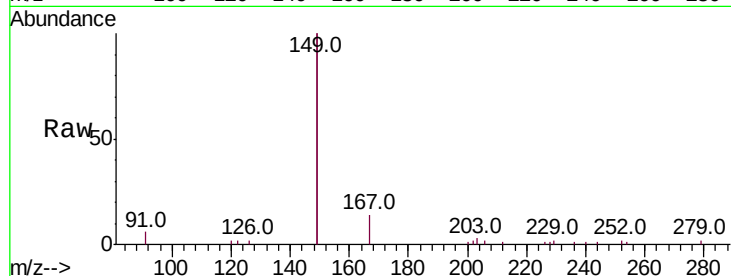
Tot Ion:149 Resp: 12471

Ion Ratio Lower Upper

149 100

167 5.7 5.4 8.0

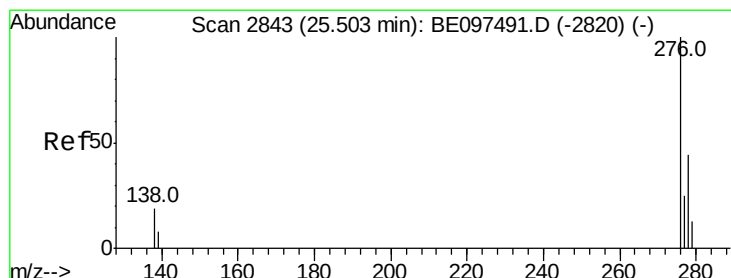
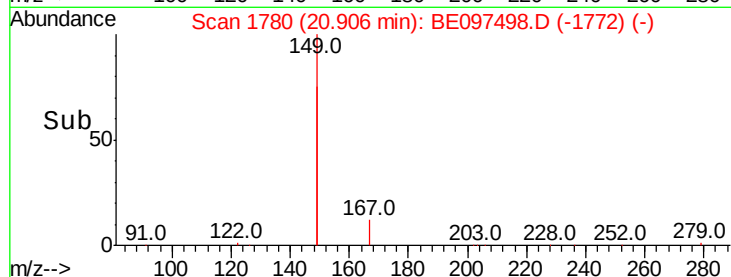
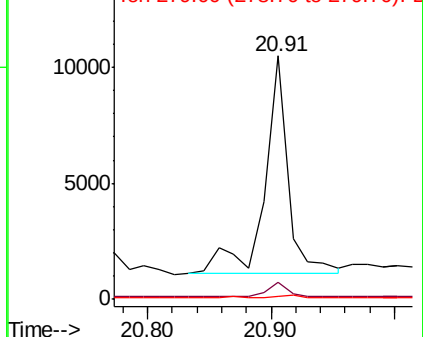
279 1.1 0.7 1.1#



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: 0.000 ng

RT: 25.47 min Scan# 2833

Delta R.T. -0.03 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

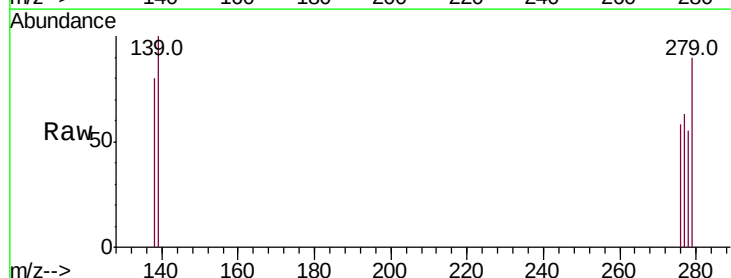
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

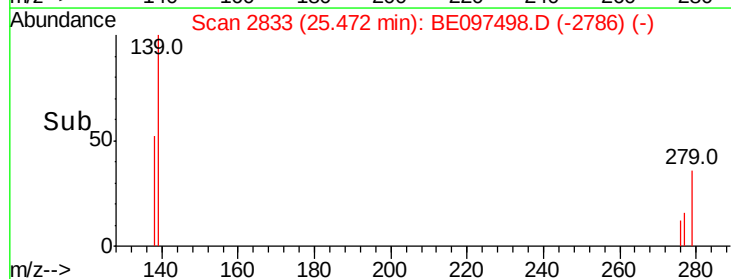
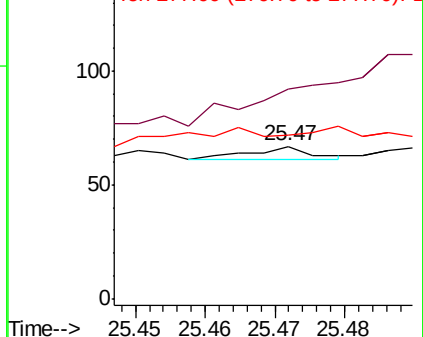
277 150.0 19.9 29.9#

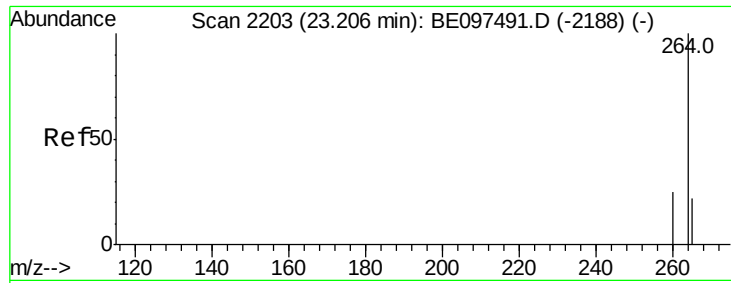


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

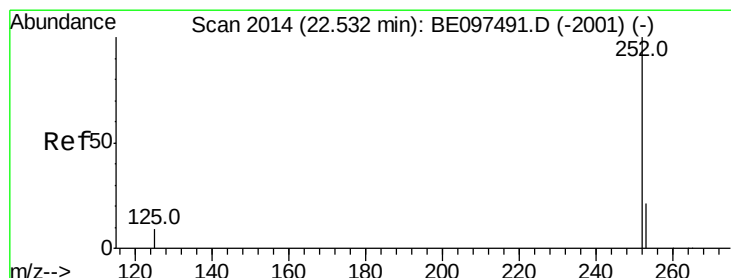
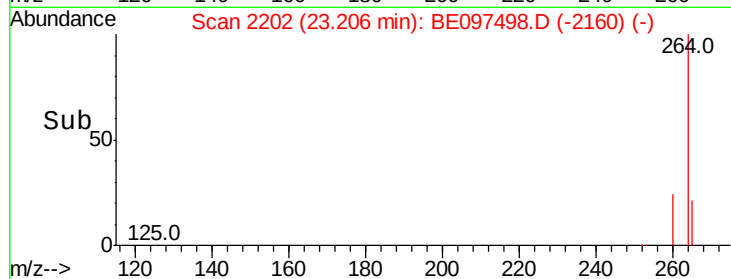
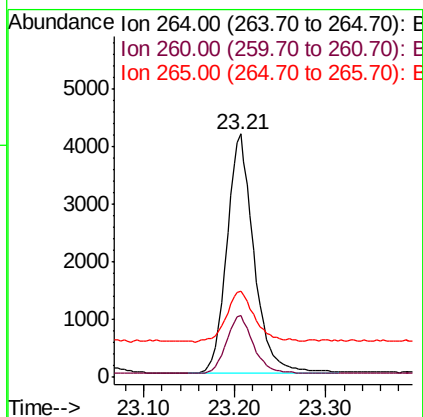
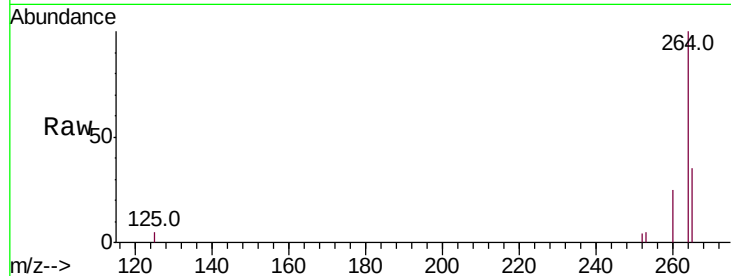




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

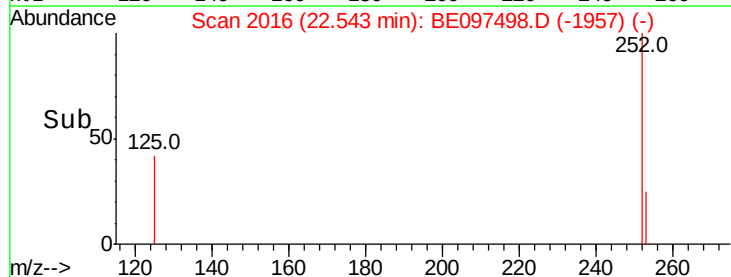
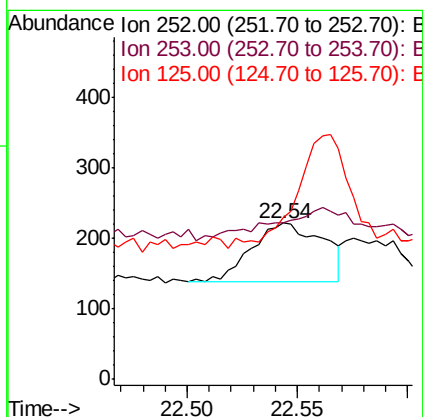
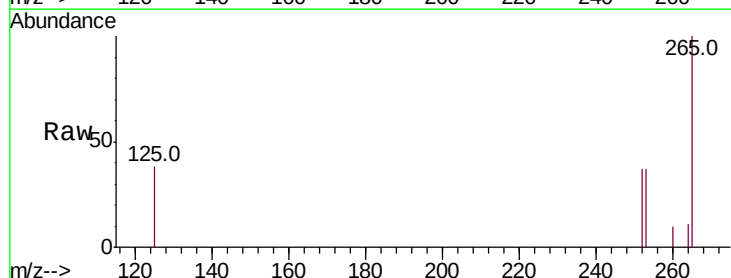
Instrument :
BNA_E
ClientSampleId :
AOC3-01-B

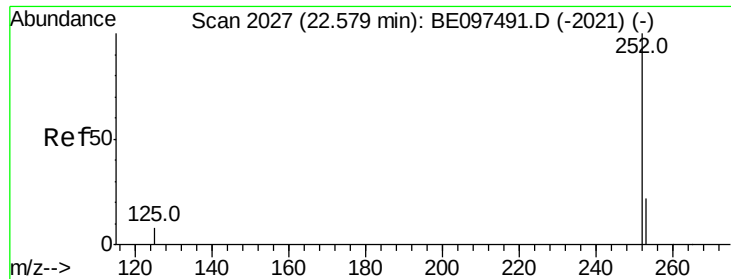
Tot Ion:264 Resp: 8635
Ion Ratio Lower Upper
264 100
260 25.5 20.5 30.7
265 35.2 22.8 34.2#



#35
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BE097498.D
Acq: 17 Sep 2018 16:28

Tgt Ion:252 Resp: 191
Ion Ratio Lower Upper
252 100
253 100.0 20.0 30.0#
125 103.6 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.008 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

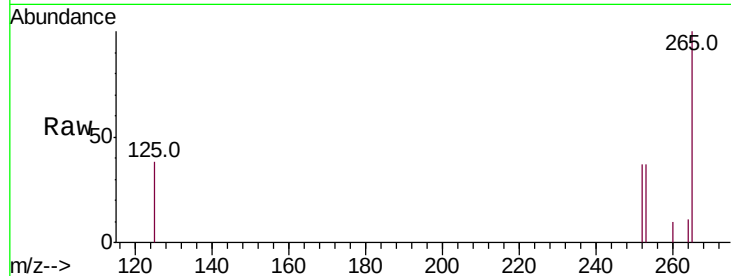
Tot Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

253 100.0 16.0 24.0#

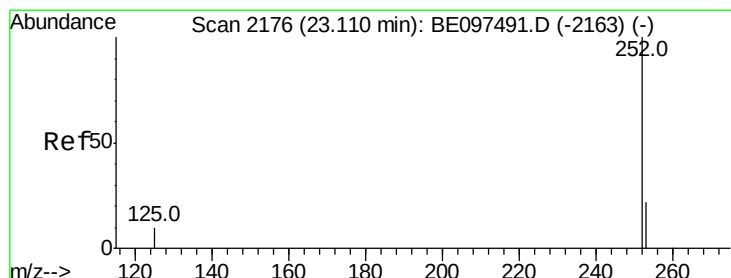
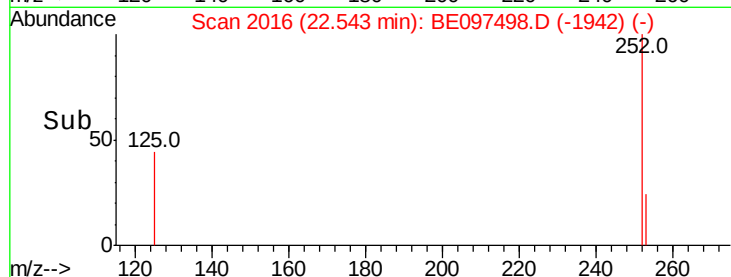
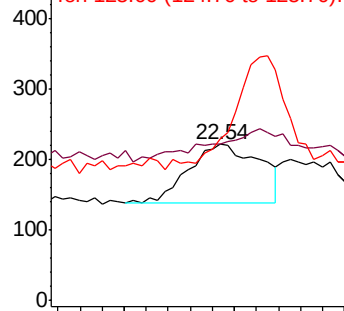
125 103.6 8.0 12.0#



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: 0.004 ng

RT: 23.12 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

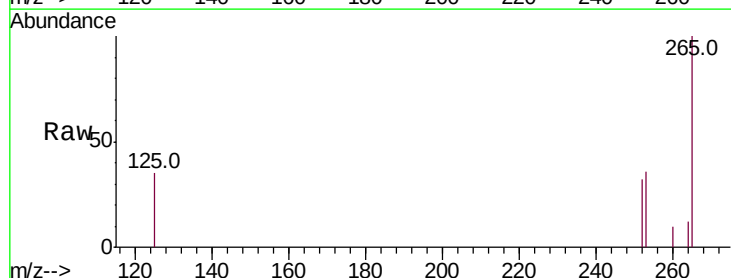
Tgt Ion:252 Resp: 94

Ion Ratio Lower Upper

252 100

253 111.6 16.0 24.0#

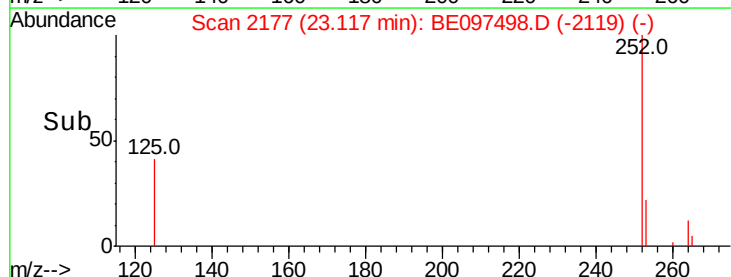
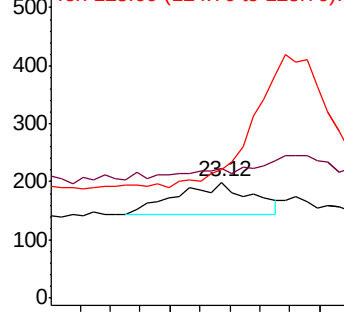
125 111.1 12.0 18.0#

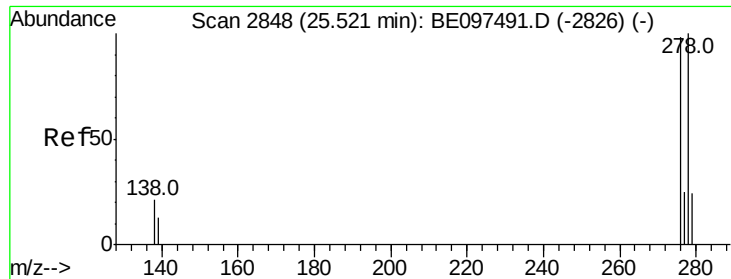


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.51 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

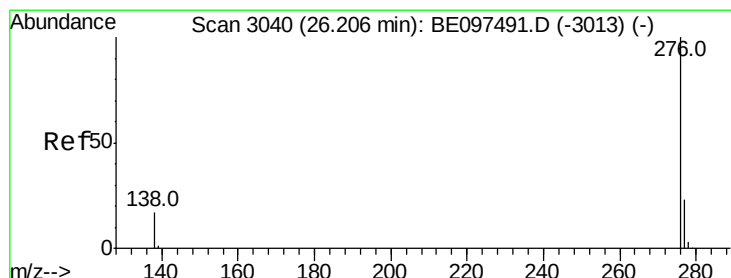
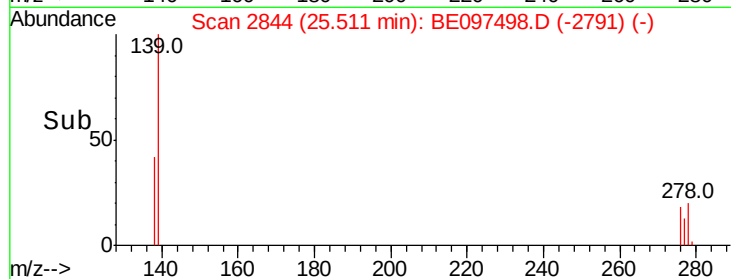
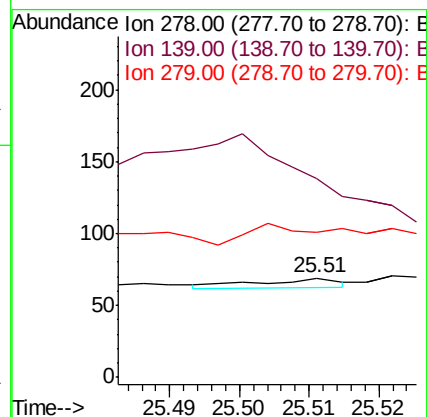
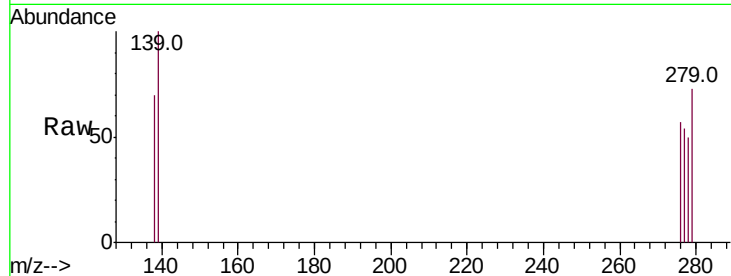
Instrument :

BNA_E

ClientSampleId :

AOC3-01-B

Tot Ion:278	Resp: 5
Ion Ratio	Lower Upper
278 100	
139 200.0	16.0 24.0#
279 146.4	20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 26.23 min Scan# 3045

Delta R.T. 0.02 min

Lab File: BE097498.D

Acq: 17 Sep 2018 16:28

Tgt	Ion:276	Resp:	47
Ion	Ratio	Lower	Upper
276	100		
277	85.9	16.0	24.0#
138	92.9	20.0	30.0#

