

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112118\
 Data File : BE098258.D
 Acq On : 21 Nov 2018 12:11
 Operator : SJ/JU
 Sample : J5996-07 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01R-C

Quant Time: Nov 22 00:01:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1537	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7091	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4727	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10353	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11402	0.40	ng	0.00
34) Perylene-d12	24.01	264	11305	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	243	0.06	ng	0.00
5) Phenol-d6	7.04	99	368	0.06	ng	0.00
8) Nitrobenzene-d5	9.03	82	346	0.05	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	829	0.07	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	99	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	874	0.04	ng	0.00
25) Fluoranthene-d10	19.31	212	6478	0.05	ng	0.00
29) Terphenyl-d14	19.91	244	1289	0.05	ng	0.00

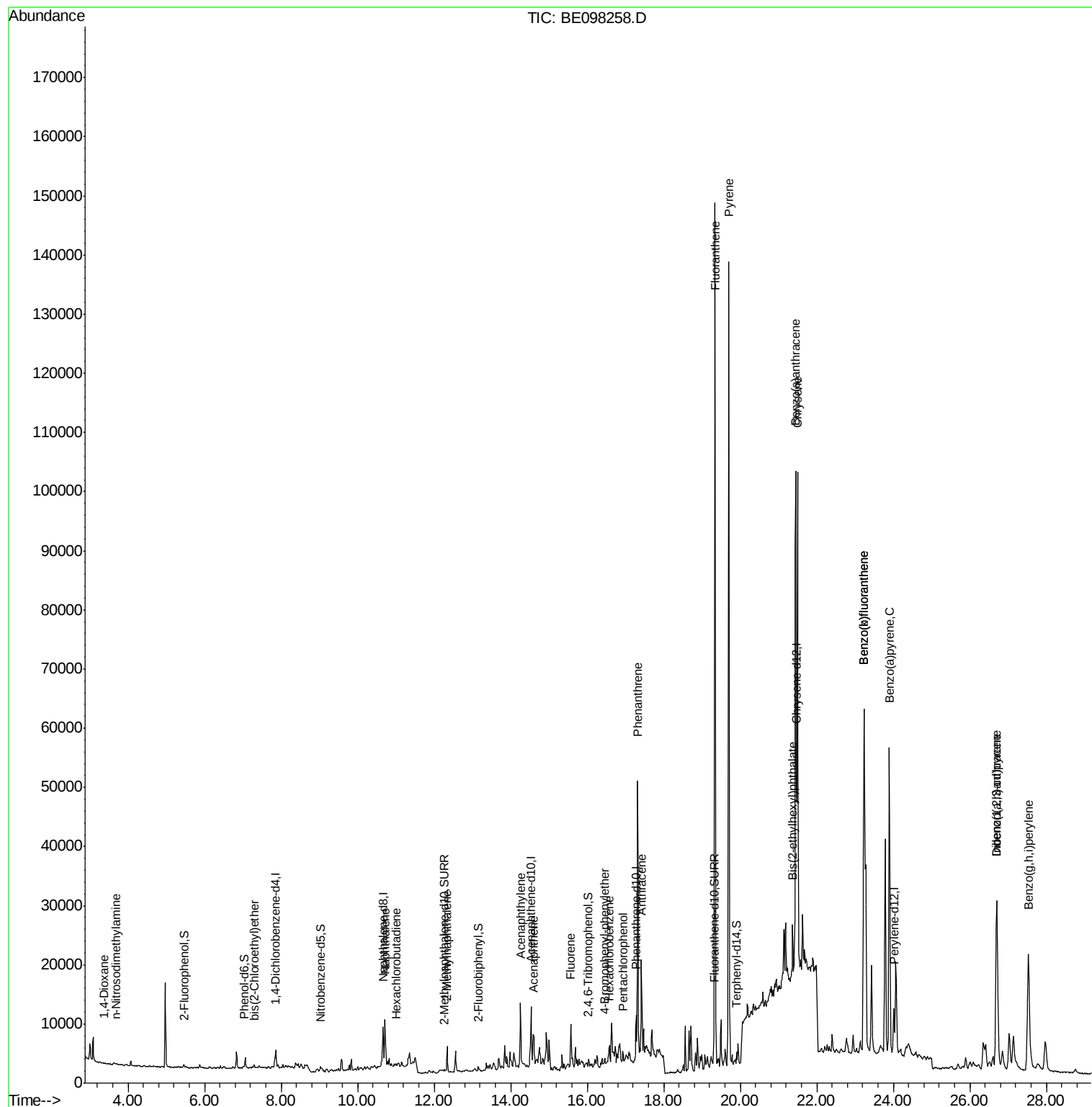
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	93	0.039	ng	# 51
3) n-Nitrosodimethylamine	3.69	42	82	0.030	ng	# 5
6) bis(2-Chloroethyl)ether	7.29	93	231	0.042	ng	# 75
9) Naphthalene	10.72	128	14181	0.196	ng	98
10) Hexachlorobutadiene	11.00	225	166	0.039	ng	95
12) 2-Methylnaphthalene	12.34	142	2948	0.232	ng	99
16) Acenaphthylene	14.25	152	15029	0.668	ng	97
17) Acenaphthene	14.60	154	2644	0.197	ng	98
18) Fluorene	15.57	166	6510	0.380	ng	94
20) 4-Bromophenyl-phenylether	16.46	248	275	0.043	ng	# 30
21) Hexachlorobenzene	16.58	284	264	0.040	ng	# 48
22) Pentachlorophenol	16.94	266	139	0.208	ng	# 87
23) Phenanthrene	17.31	178	48653	1.826	ng	99
24) Anthracene	17.41	178	16863	0.697	ng	98
26) Fluoranthene	19.34	202	131869	4.125	ng	99
28) Pyrene	19.70	202	126614	3.799	ng	97
30) Benzo(a)anthracene	21.45	228	92940	2.818	ng	93
31) Chrysene	21.50	228	72984	2.150	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	10036	0.195	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.70	276	56763	1.954	ng	# 93
35) Benzo(b)fluoranthene	23.23	252	108978	3.414	ng	# 94
36) Benzo(k)fluoranthene	23.23	252	108978	3.023	ng	# 92
37) Benzo(a)pyrene	23.90	252	83631	2.668	ng	# 96
38) Dibenzo(a,h)anthracene	26.71	278	14639	0.583	ng	# 89
39) Benzo(g,h,i)perylene	27.53	276	55940	2.067	ng	98

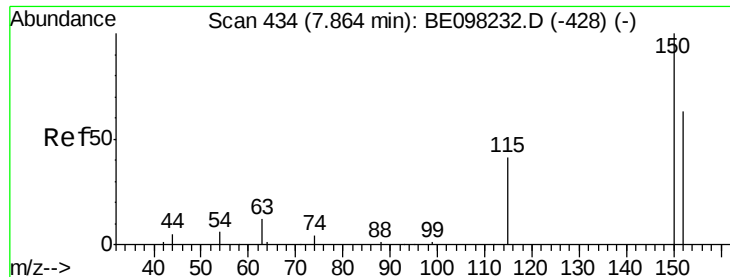
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

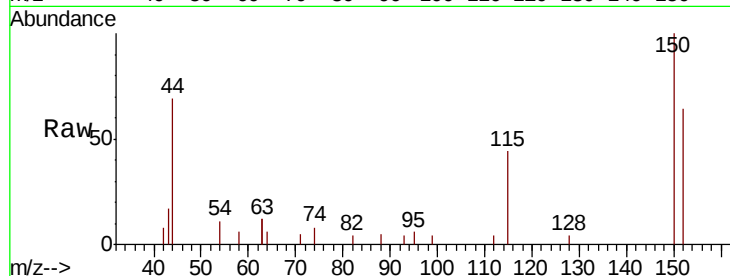
Tgt Ion:152 Resp: 1537

Ion Ratio Lower Upper

152 100

150 156.7 127.5 191.3

115 69.4 60.3 90.5

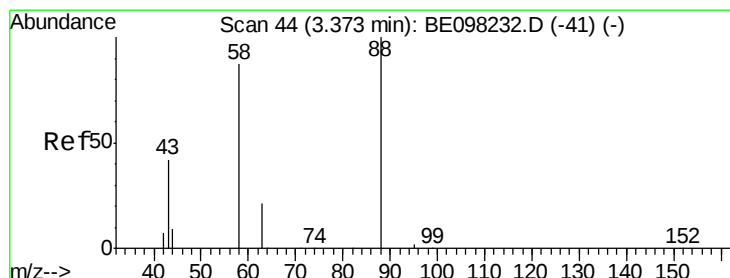
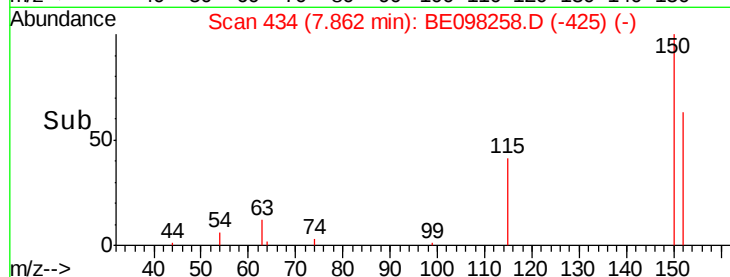
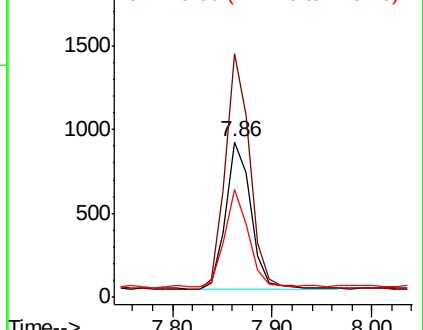


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.039 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

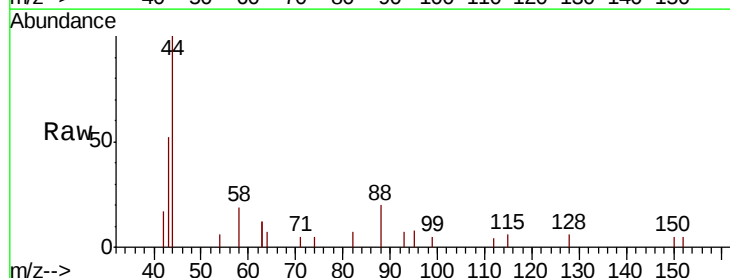
Tgt Ion: 88 Resp: 93

Ion Ratio Lower Upper

88 100

58 136.6 79.0 118.4#

43 0.0 38.1 57.1#

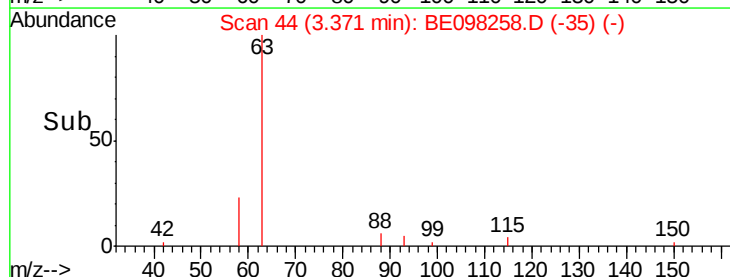
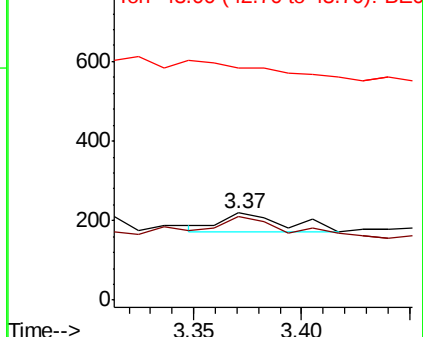


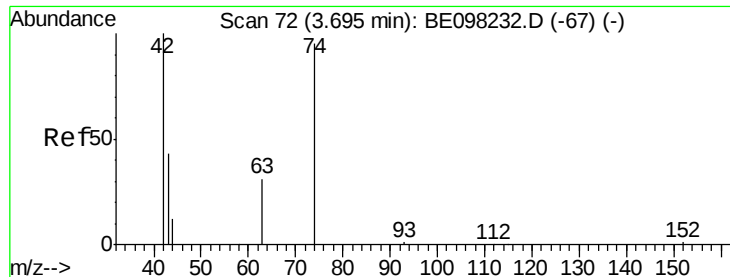
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

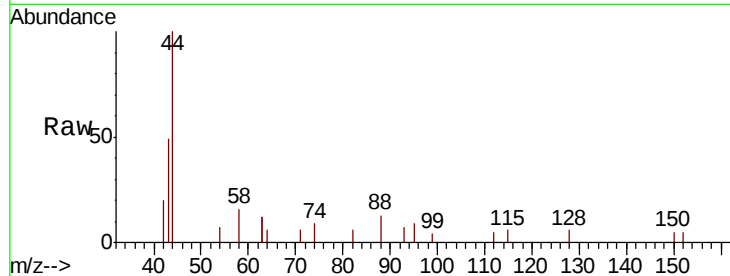
Instrument :

BNA_E

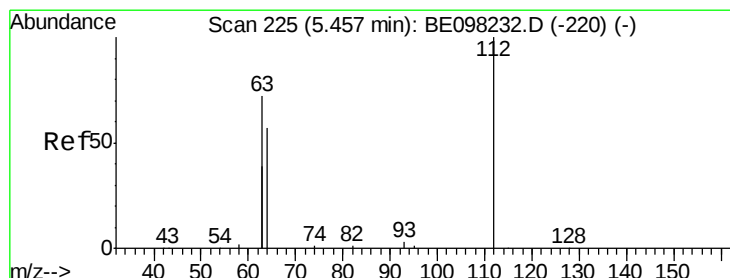
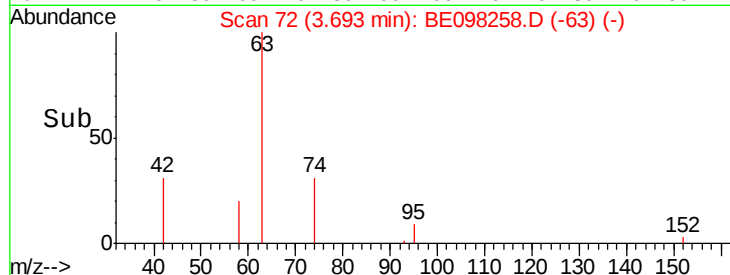
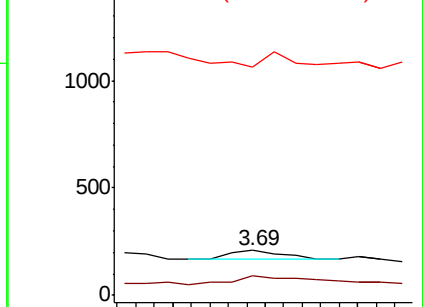
ClientSampleId :

AOC8-01R-C

Tgt Ion:	42	Resp:	82
Ion	Ratio	Lower	Upper
42	100		
74	136.6	61.7	92.5#
44	109.8	14.0	21.0#



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: 0.059 ng

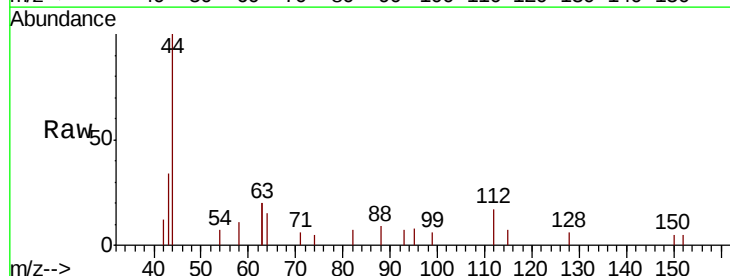
RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

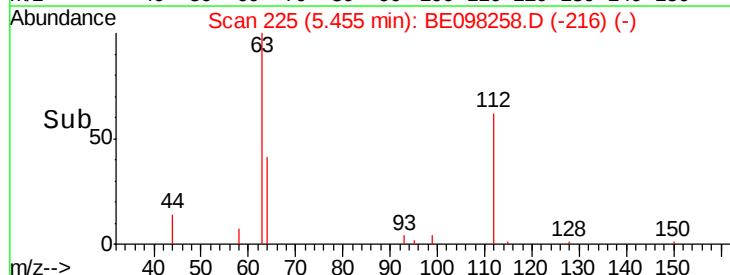
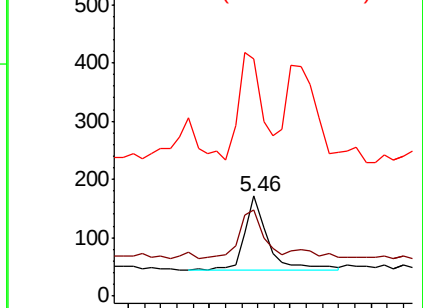
Lab File: BE098258.D

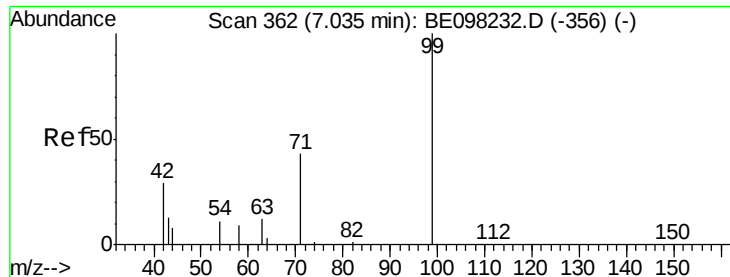
Acq: 21 Nov 2018 12:11

Tgt Ion:	112	Resp:	243
Ion	Ratio	Lower	Upper
112	100		
64	66.3	61.7	92.5
63	136.6	136.2	204.2



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: 0.057 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

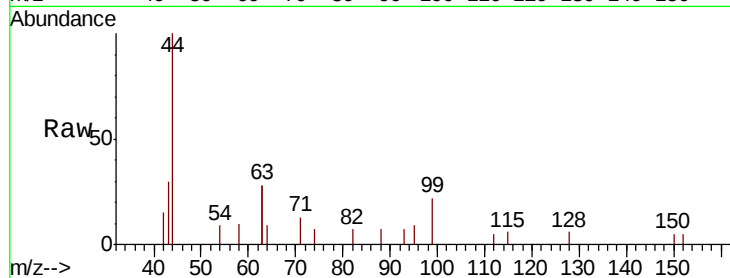
Tgt Ion: 99 Resp: 368

Ion Ratio Lower Upper

99 100

42 84.2 27.1 40.7#

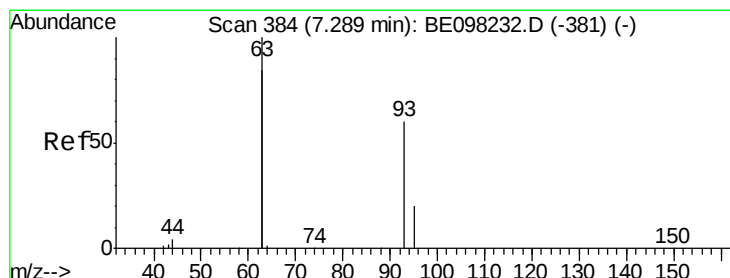
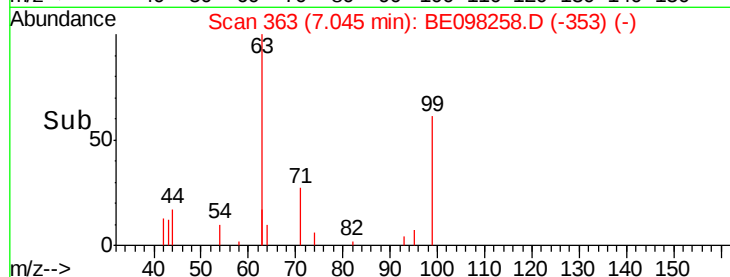
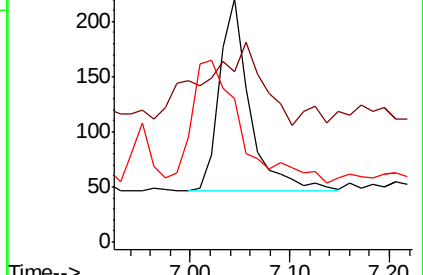
71 0.0 37.0 55.6#



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: 0.042 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

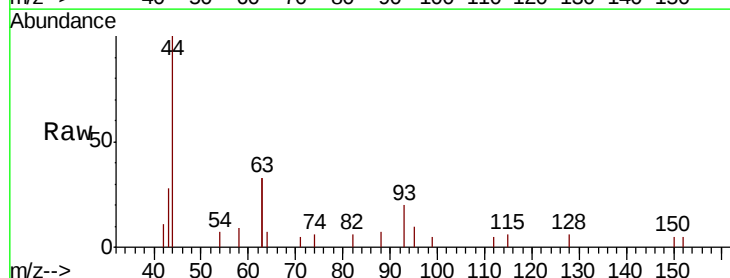
Tgt Ion: 93 Resp: 231

Ion Ratio Lower Upper

93 100

63 395.7 272.6 409.0

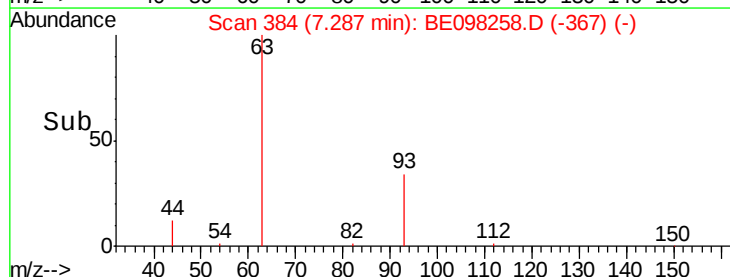
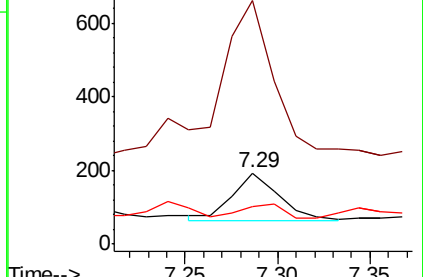
95 24.7 27.1 40.7#

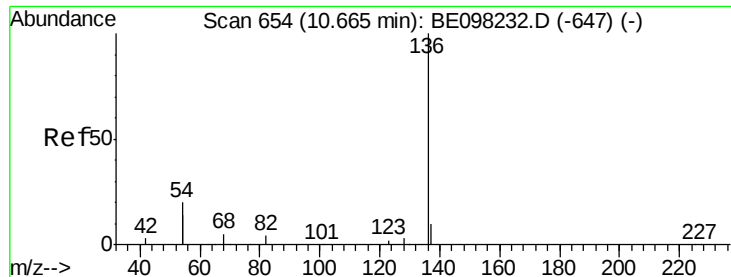


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

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AOC8-01R-C

Tgt Ion: 136 Resp: 7091

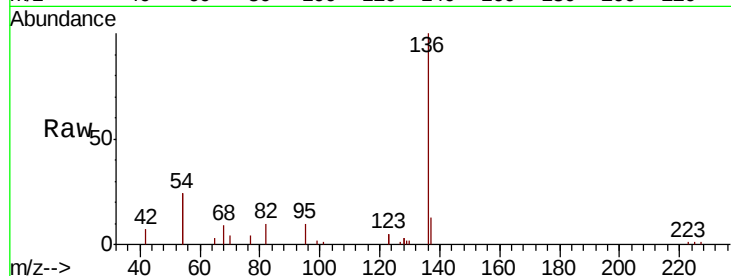
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 48.4 31.3 46.9#

68 9.2 4.8 7.2#

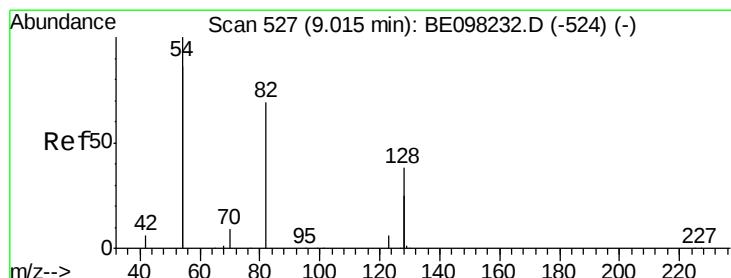
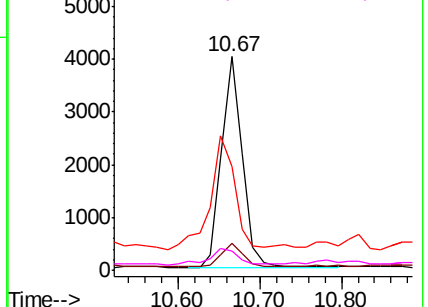
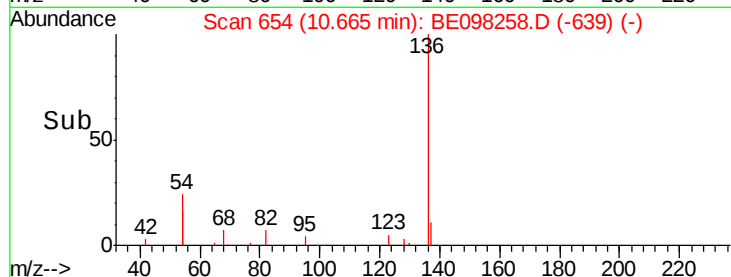


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.052 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

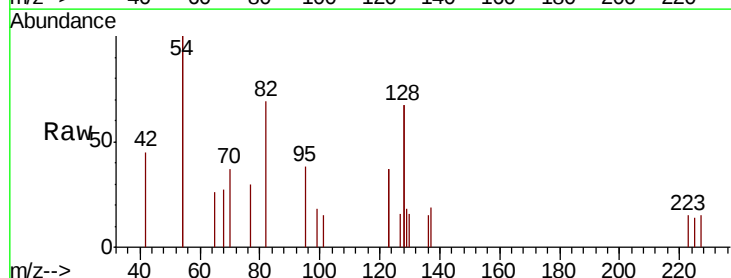
Tgt Ion: 82 Resp: 346

Ion Ratio Lower Upper

82 100

128 195.6 96.1 144.1#

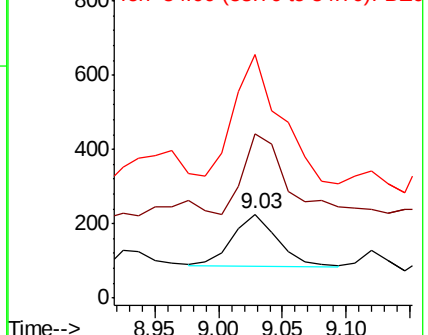
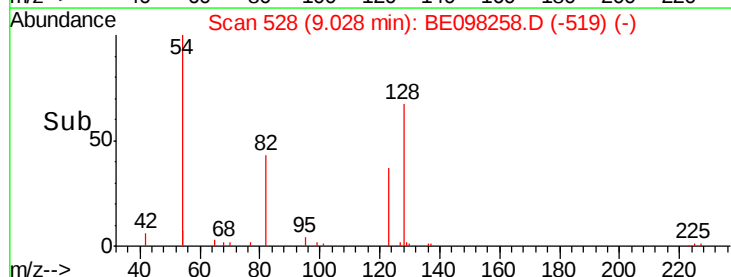
54 290.3 232.0 348.0

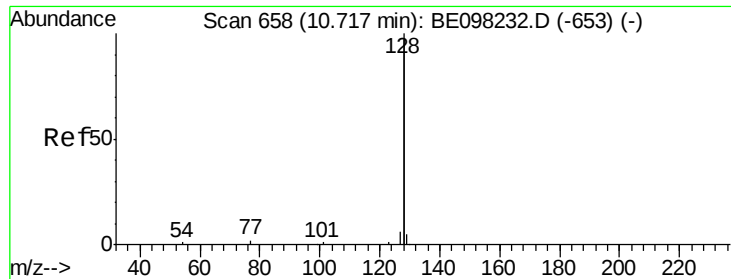


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.196 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098258.D

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Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

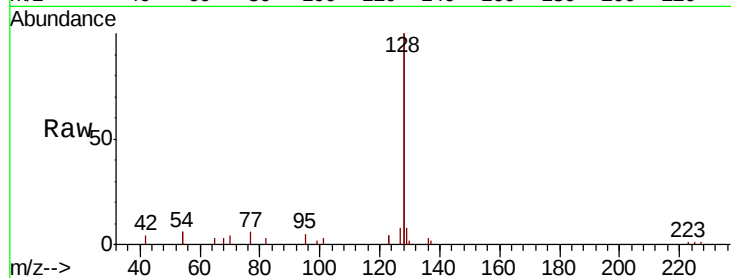
Tgt Ion:128 Resp: 14181

Ion Ratio Lower Upper

128 100

129 3.9 2.6 4.0

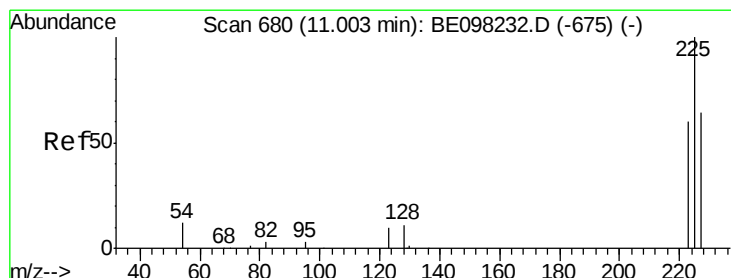
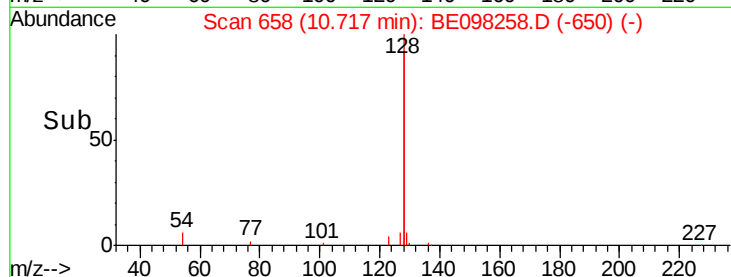
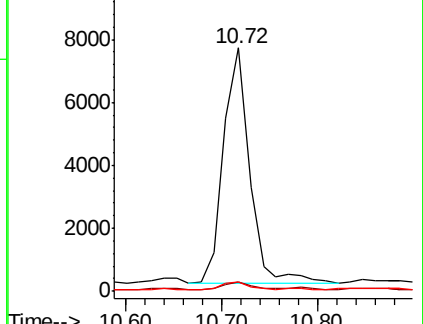
127 4.0 2.8 4.2



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: 0.039 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

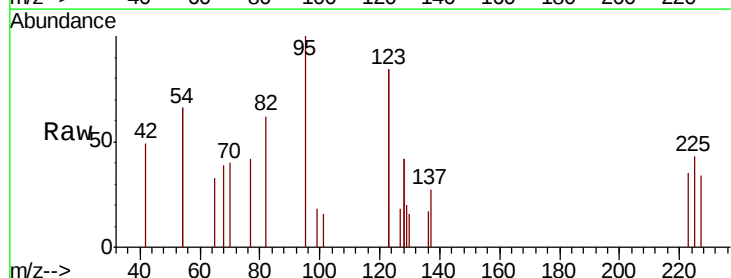
Tgt Ion:225 Resp: 166

Ion Ratio Lower Upper

225 100

223 69.3 50.5 75.7

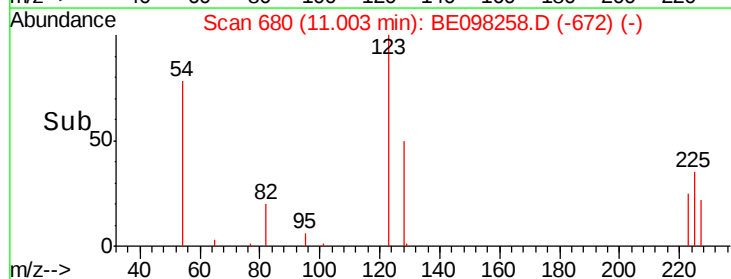
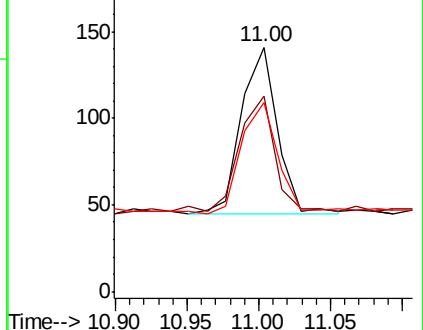
227 65.1 50.3 75.5

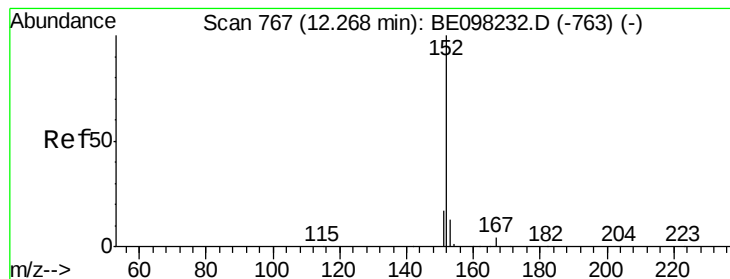


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.067 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

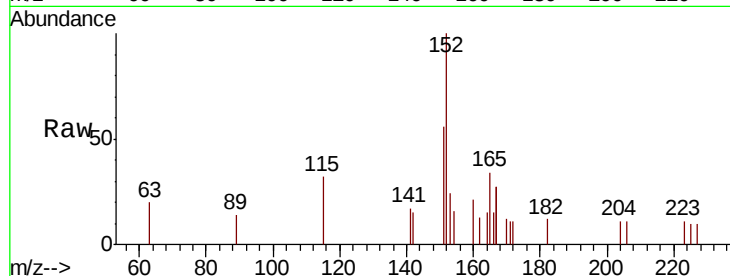
AOC8-01R-C

Tgt Ion:152 Resp: 829

Ion Ratio Lower Upper

152 100

151 39.0 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

400

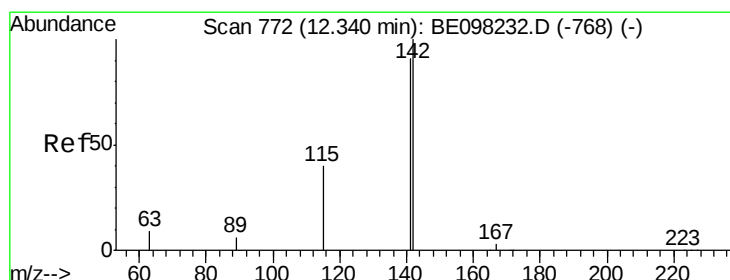
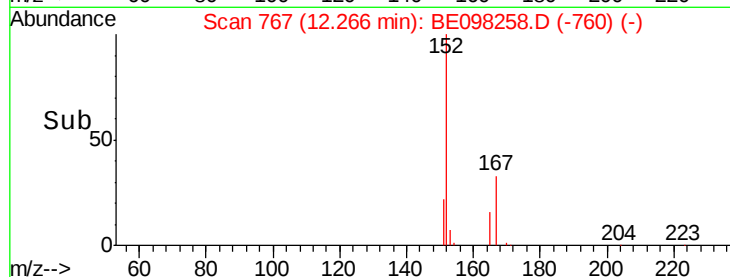
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.232 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

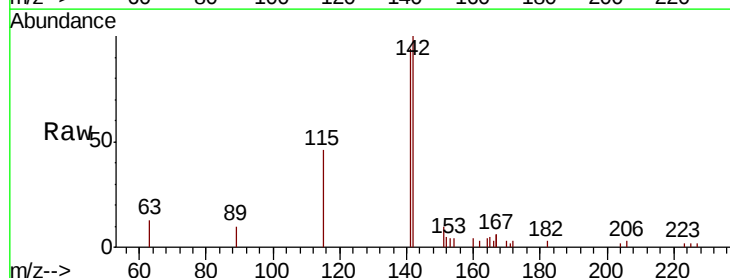
Tgt Ion:142 Resp: 2948

Ion Ratio Lower Upper

142 100

141 94.3 76.3 114.5

115 45.7 35.8 53.8



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

2500

2000

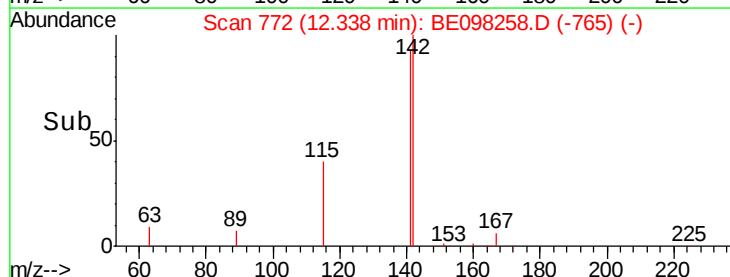
1500

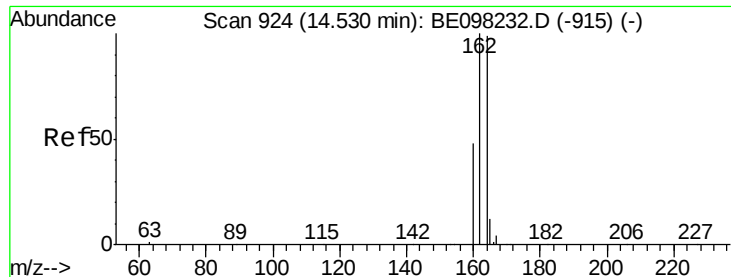
1000

500

0

Time-->

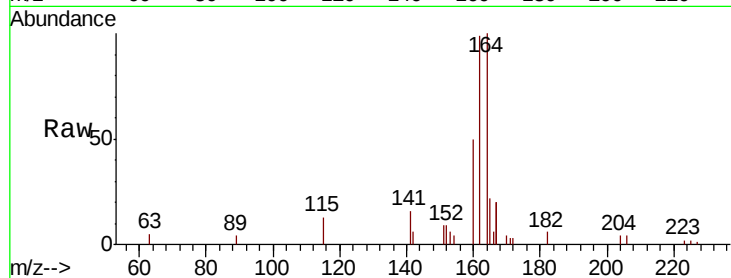




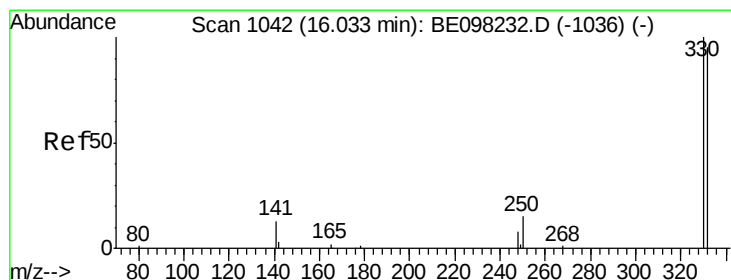
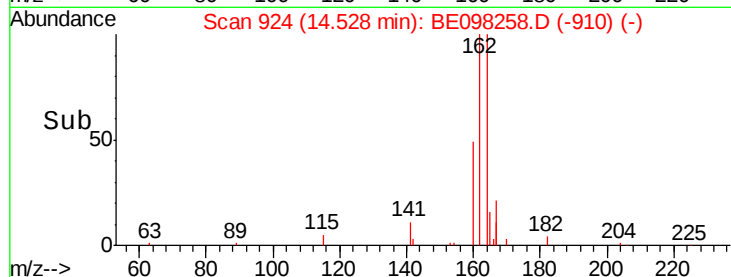
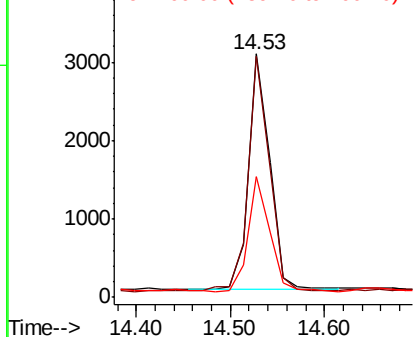
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098258.D
Acq: 21 Nov 2018 12:11

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-C

Tgt Ion:164 Resp: 4727
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.6
160 49.7 39.4 59.0

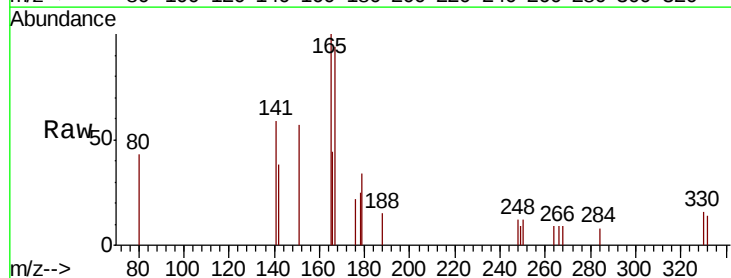


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

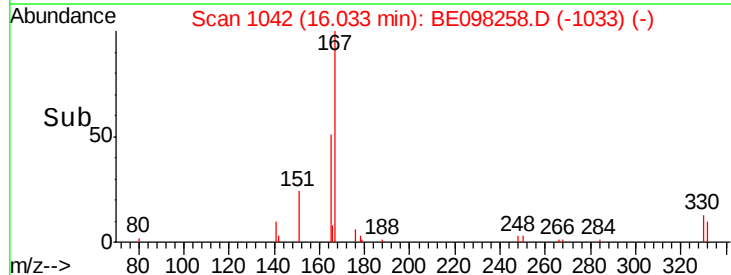
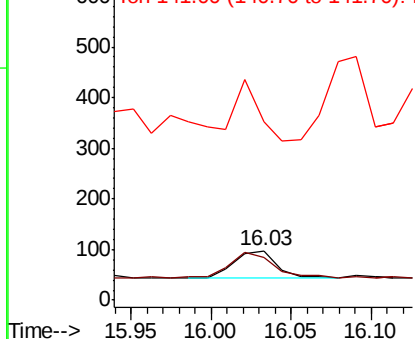


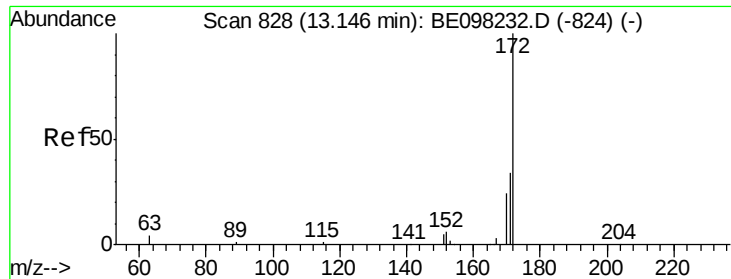
#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098258.D
Acq: 21 Nov 2018 12:11

Tgt Ion:330 Resp: 99
Ion Ratio Lower Upper
330 100
332 102.0 77.7 116.5
141 111.1 33.6 50.4#



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

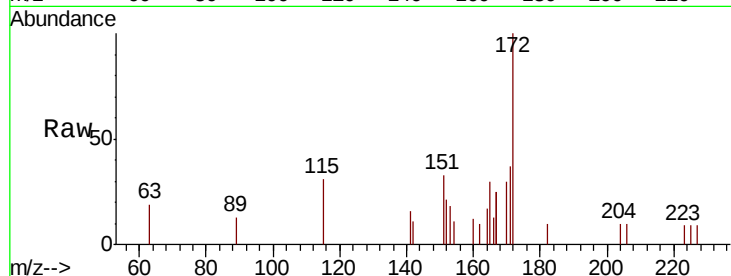




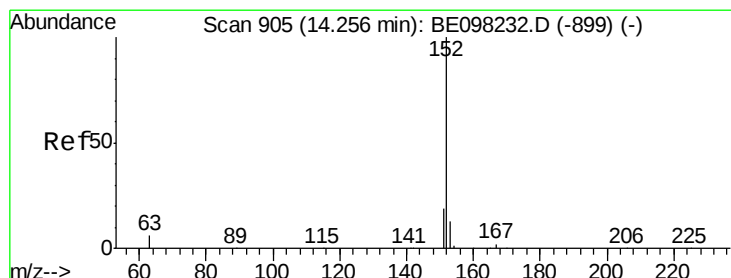
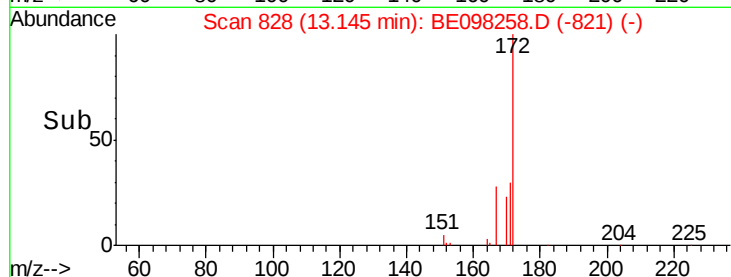
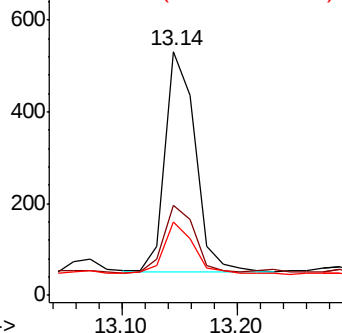
#15
2-Fluorobiphenyl
Concen: 0.043 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098258.D
Acq: 21 Nov 2018 12:11

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-C

Tgt Ion:172 Resp: 874
Ion Ratio Lower Upper
172 100
171 36.9 27.3 40.9
170 29.9 19.4 29.0#

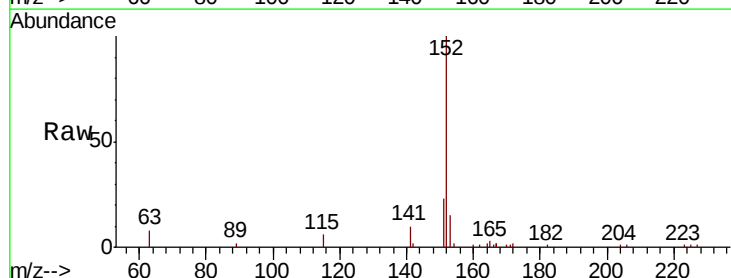


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

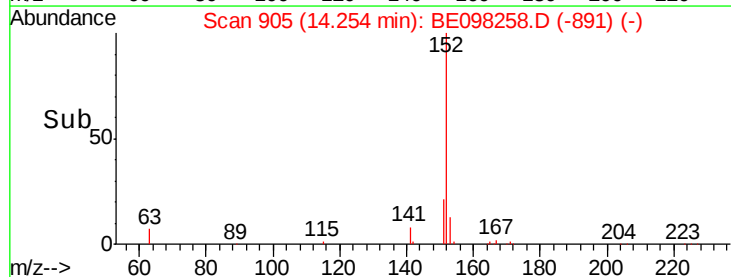
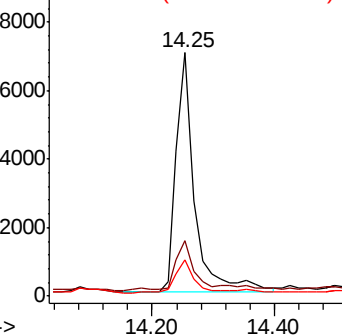


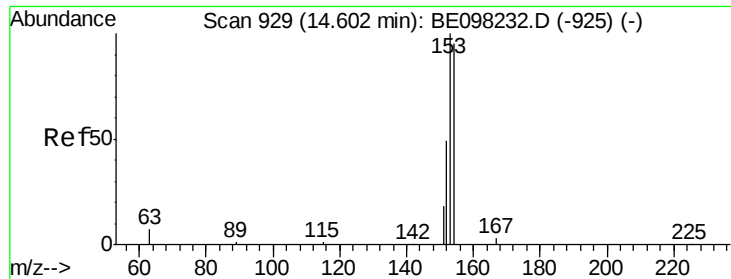
#16
Acenaphthylene
Concen: 0.668 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098258.D
Acq: 21 Nov 2018 12:11

Tgt Ion:152 Resp: 15029
Ion Ratio Lower Upper
152 100
151 22.1 16.4 24.6
153 13.7 10.6 15.8



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

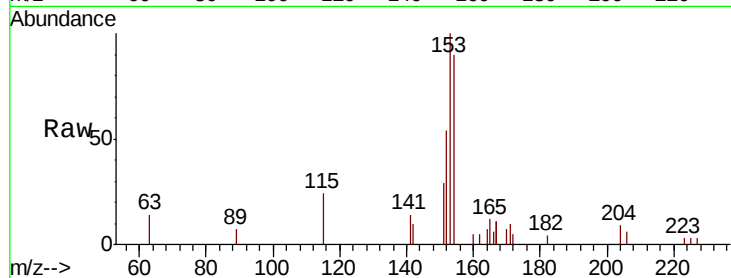




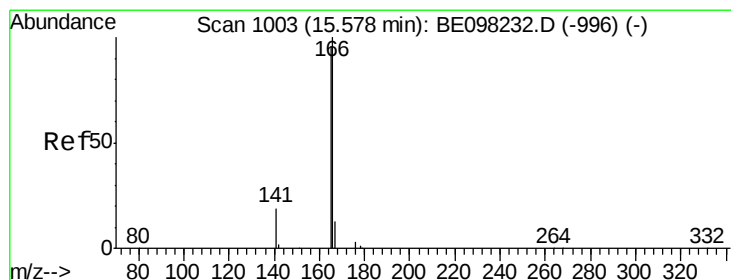
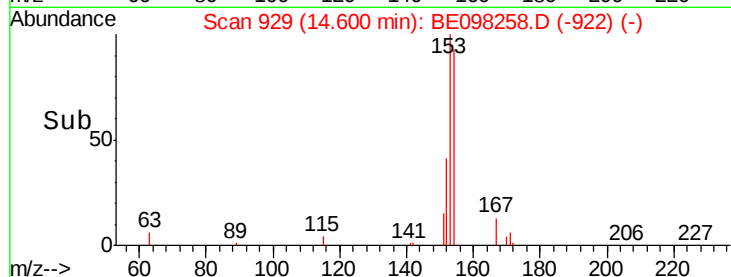
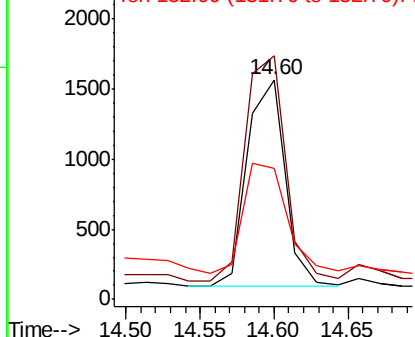
#17
Acenaphthene
Concen: 0.197 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098258.D
Acq: 21 Nov 2018 12:11

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-C

Tgt Ion:154 Resp: 2644
Ion Ratio Lower Upper
154 100
153 116.8 92.1 138.1
152 60.6 46.2 69.2

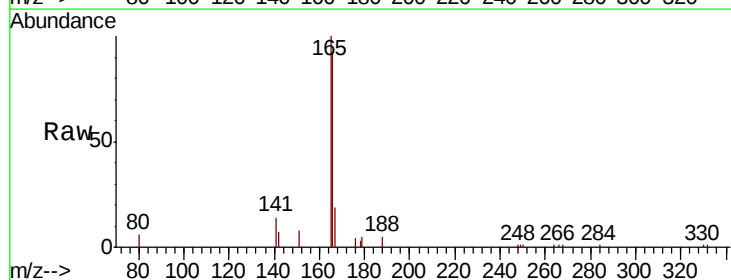


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

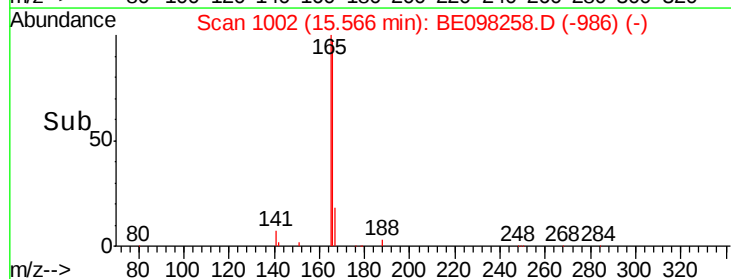
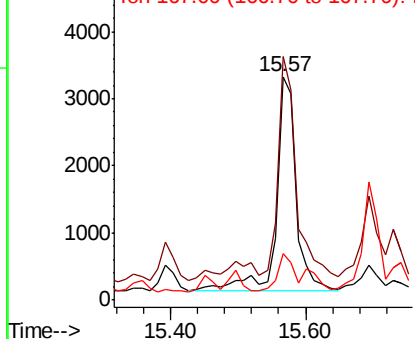


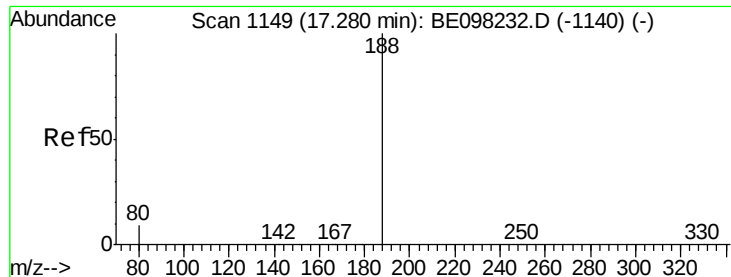
#18
Fluorene
Concen: 0.380 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE098258.D
Acq: 21 Nov 2018 12:11

Tgt Ion:166 Resp: 6510
Ion Ratio Lower Upper
166 100
165 93.3 80.1 120.1
167 13.7 10.8 16.2



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

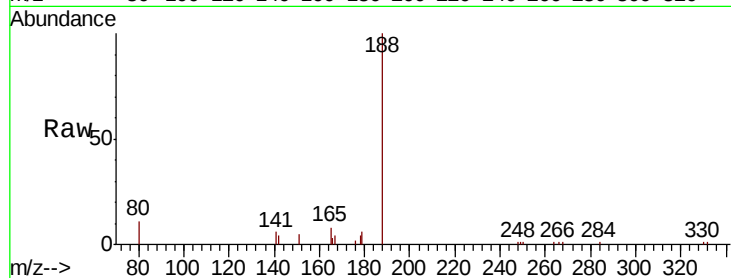
Tgt Ion:188 Resp: 10353

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

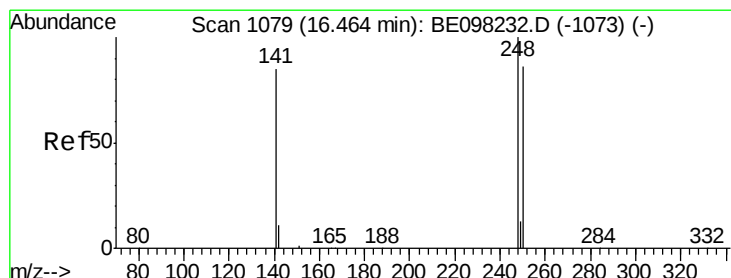
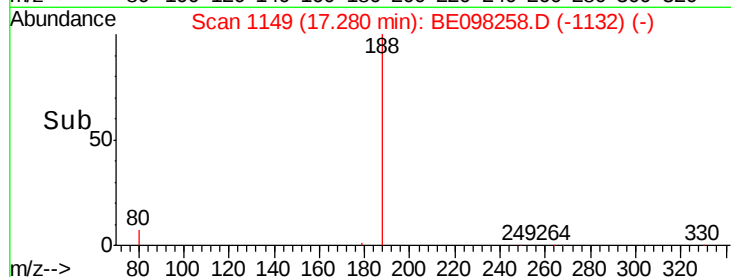
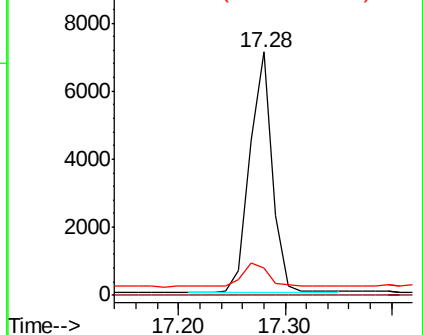
80 11.3 6.7 10.1#



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: 0.043 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

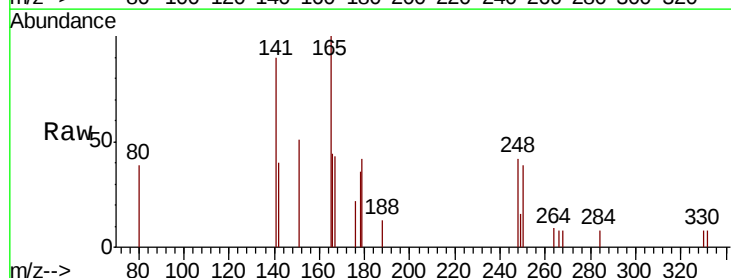
Tgt Ion:248 Resp: 275

Ion Ratio Lower Upper

248 100

250 93.1 77.6 116.4

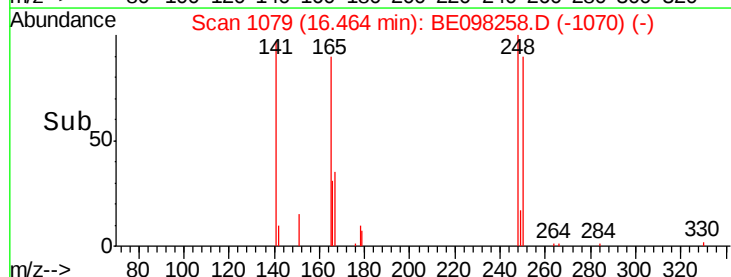
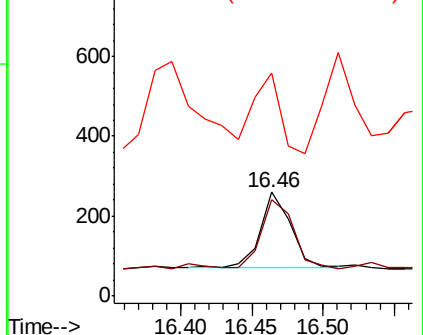
141 214.6 65.8 98.8#

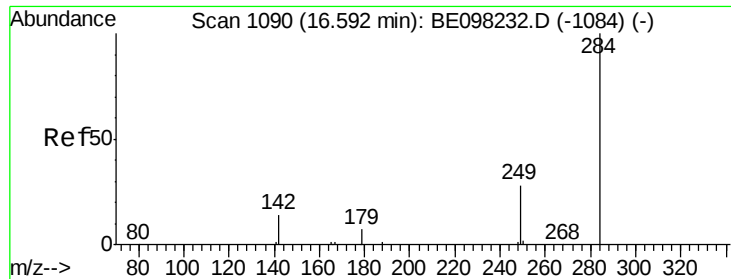


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.040 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

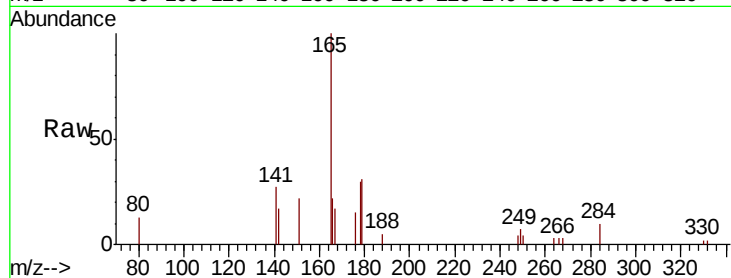
Tgt Ion:284 Resp: 264

Ion Ratio Lower Upper

284 100

142 84.1 26.5 39.7#

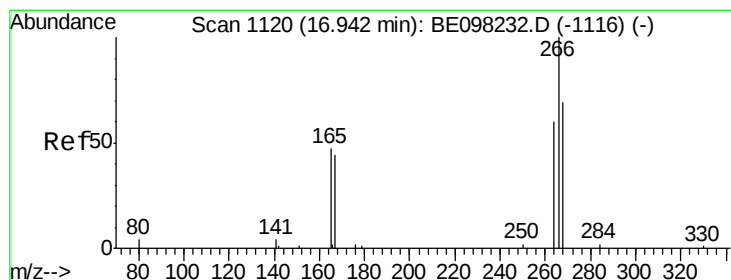
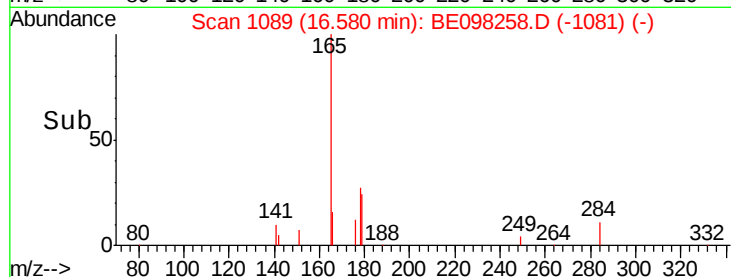
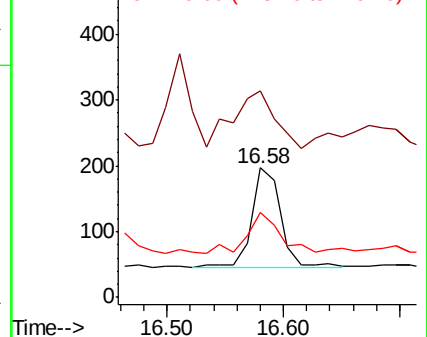
249 45.5 28.4 42.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.208 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

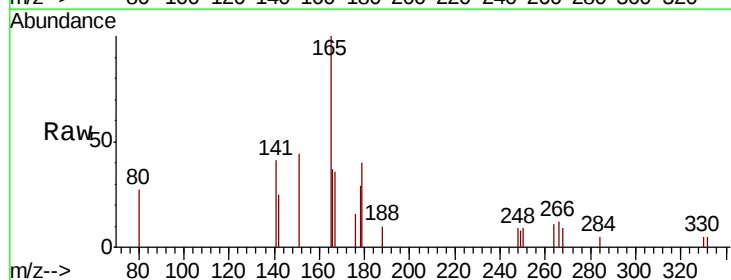
Tgt Ion:266 Resp: 139

Ion Ratio Lower Upper

266 100

264 88.3 57.6 86.4#

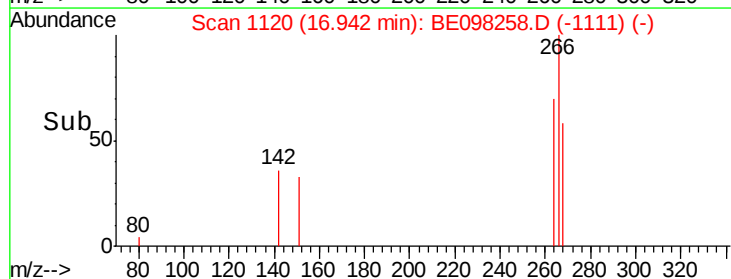
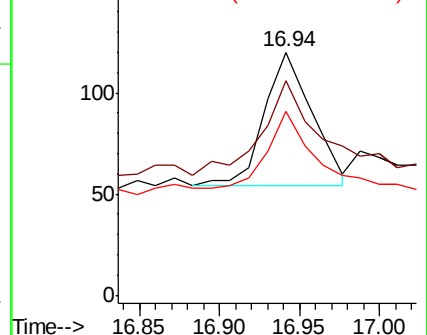
268 75.8 56.8 85.2

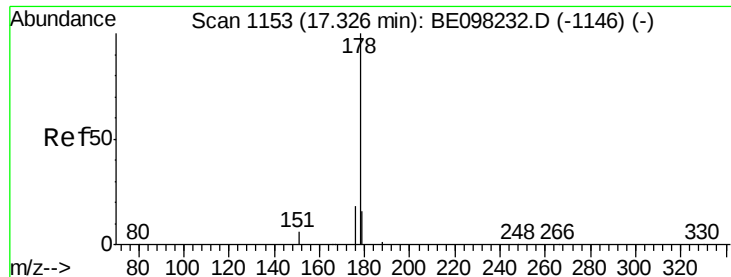


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.826 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

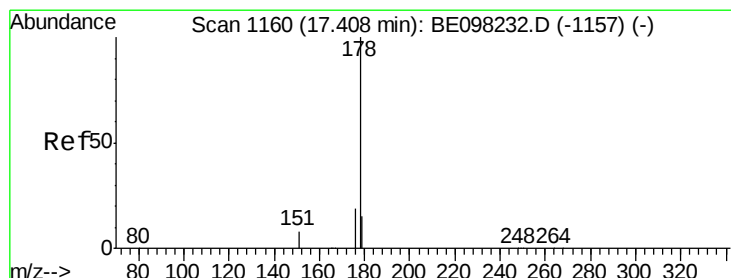
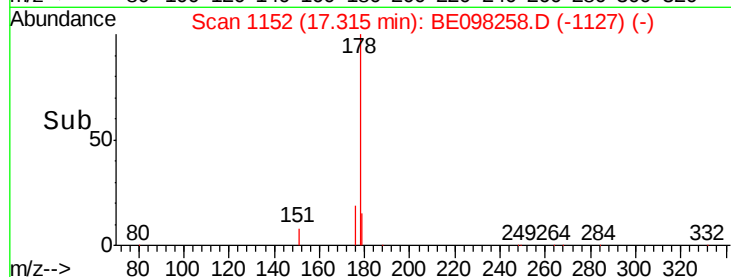
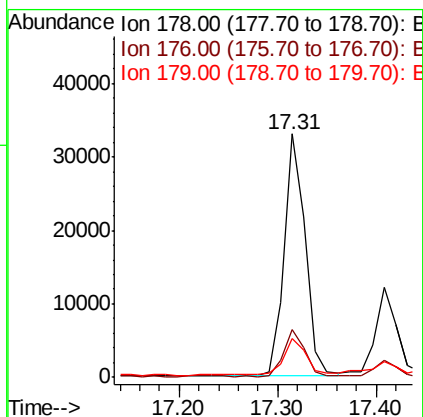
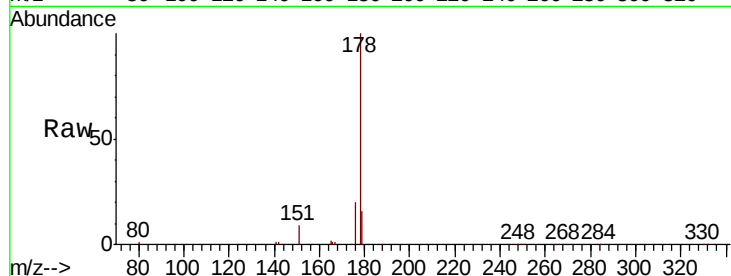
Tgt Ion:178 Resp: 48653

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

179 16.0 12.3 18.5



#24

Anthracene

Concen: 0.697 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

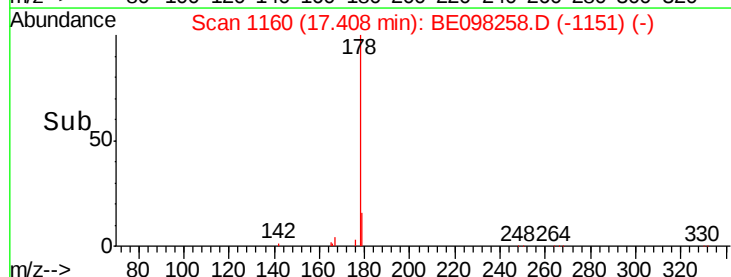
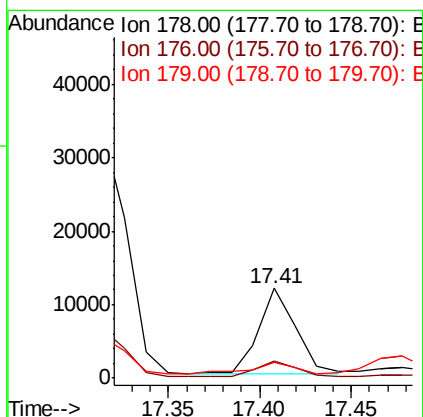
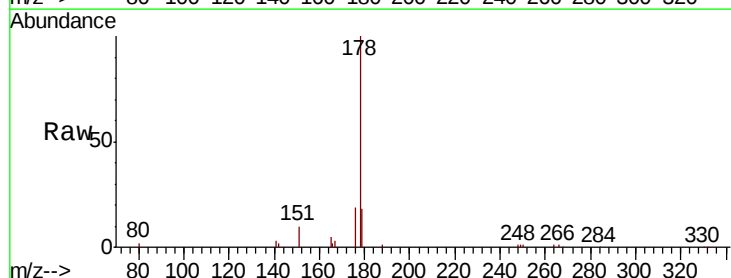
Tgt Ion:178 Resp: 16863

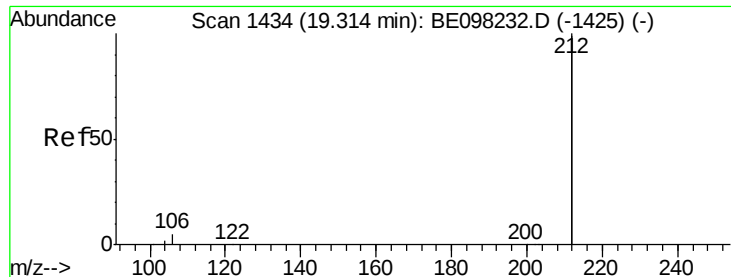
Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

179 15.9 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.051 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

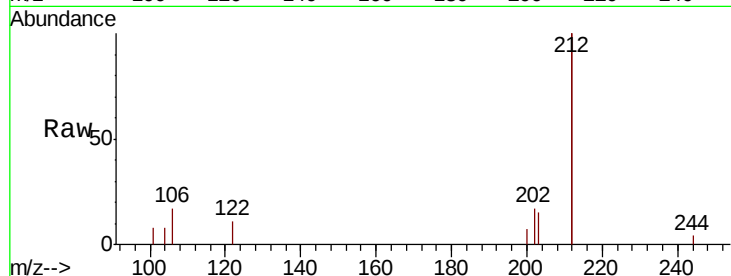
Tgt Ion: 212 Resp: 6478

Ion Ratio Lower Upper

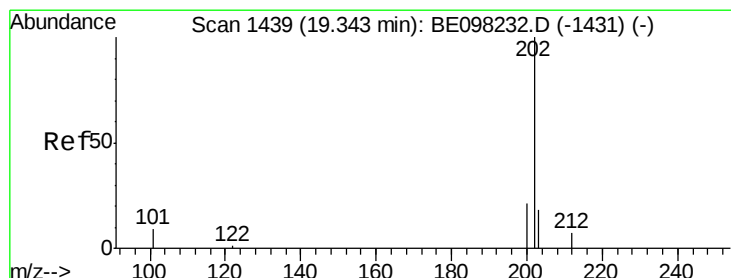
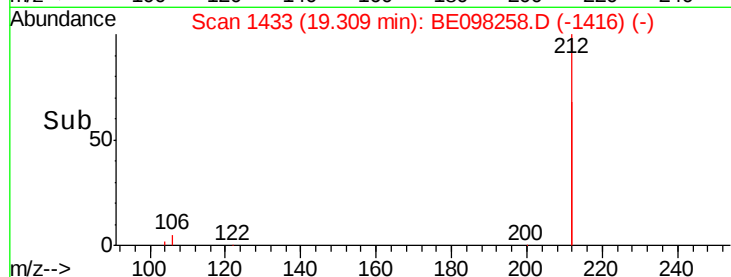
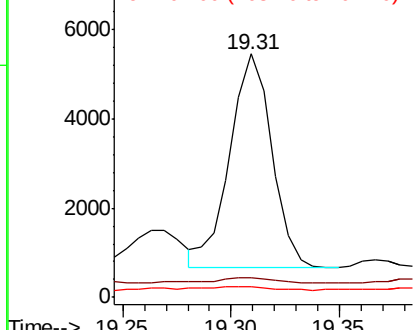
212 100

106 3.1 1.8 2.8#

104 2.1 1.1 1.7#



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: 4.125 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

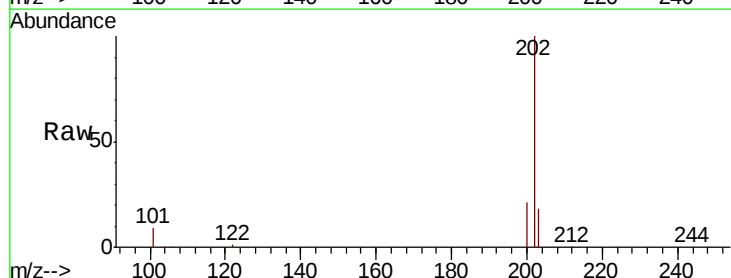
Tgt Ion: 202 Resp: 131869

Ion Ratio Lower Upper

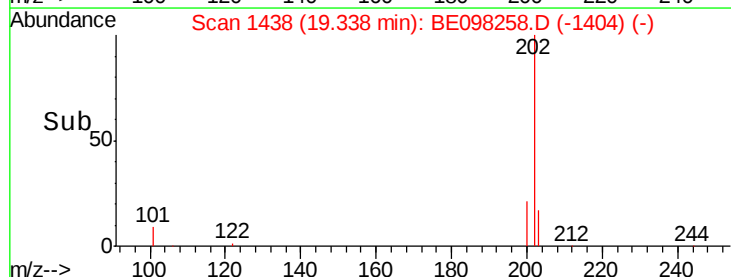
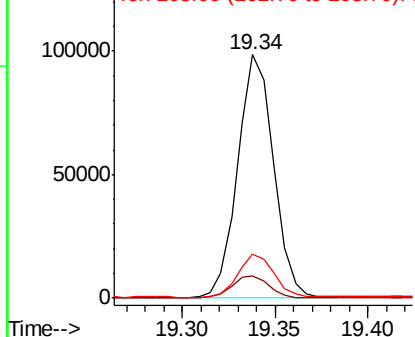
202 100

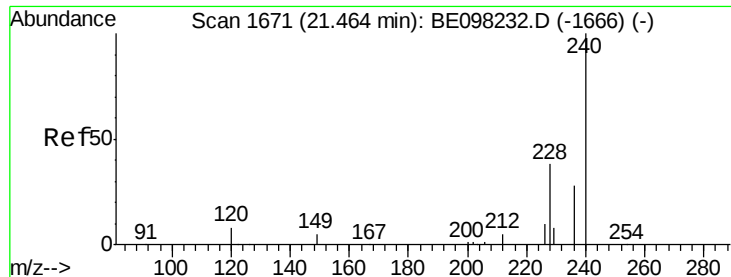
101 9.4 7.0 10.6

203 17.5 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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

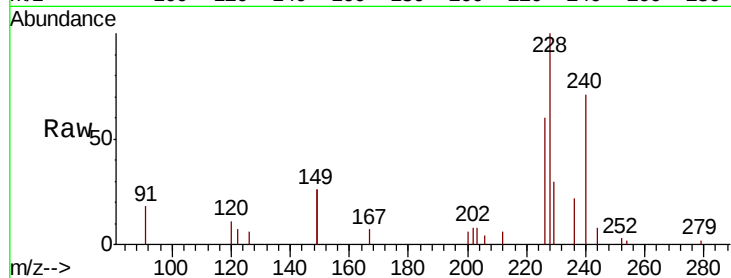
Tgt Ion:240 Resp: 11402

Ion Ratio Lower Upper

240 100

120 15.2 4.8 7.2#

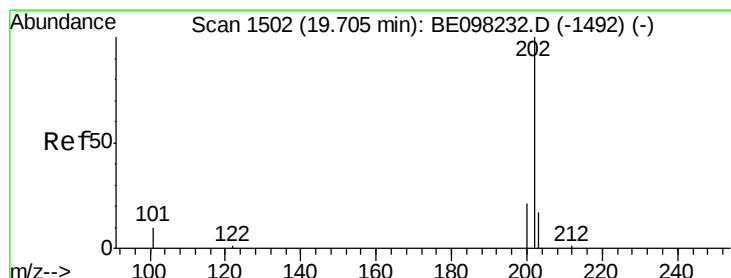
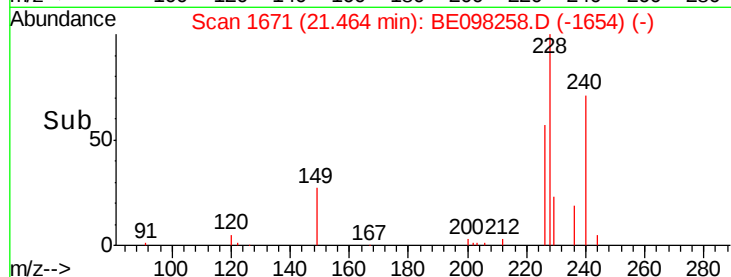
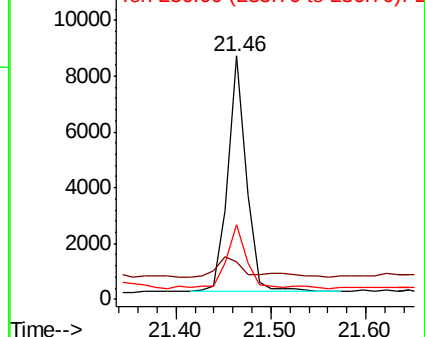
236 30.8 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.799 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

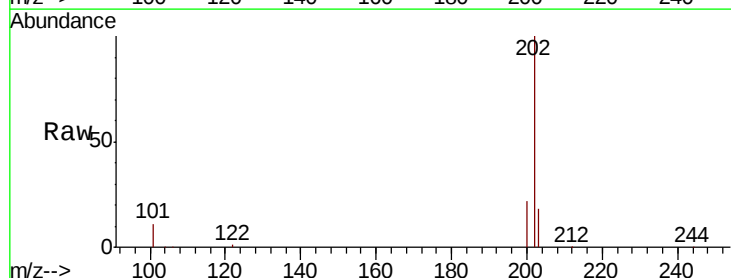
Tgt Ion:202 Resp: 126614

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

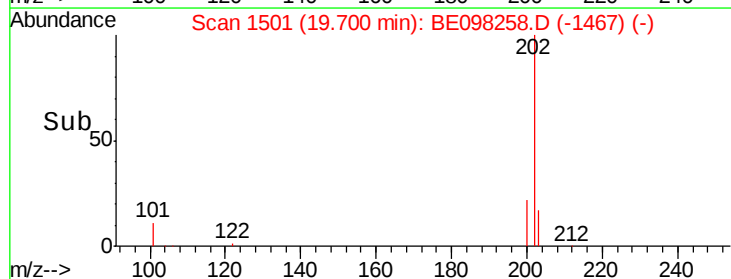
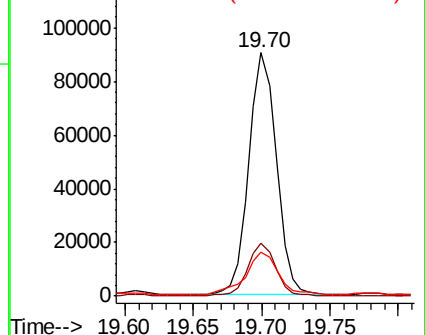
203 20.9 14.2 21.4

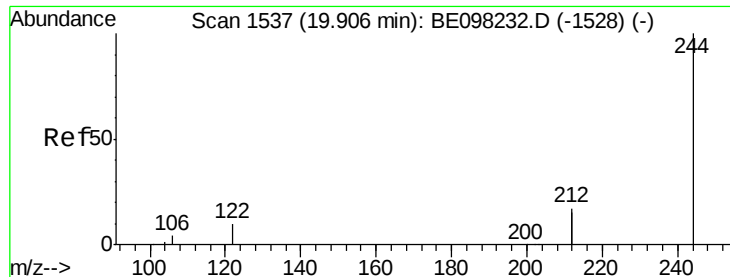


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.049 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

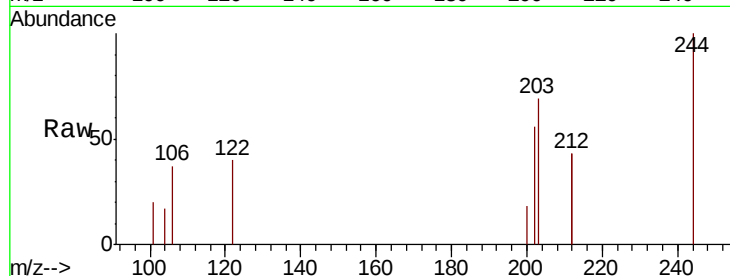
Tgt Ion:244 Resp: 1289

Ion Ratio Lower Upper

244 100

212 86.7 26.8 40.2#

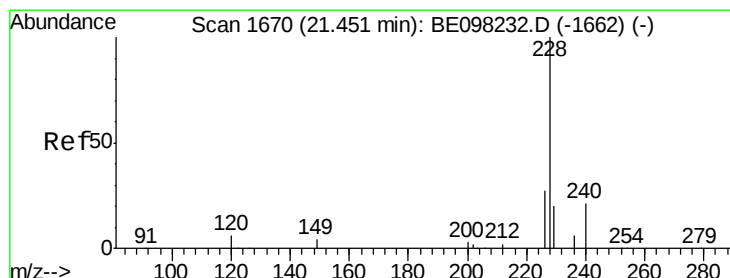
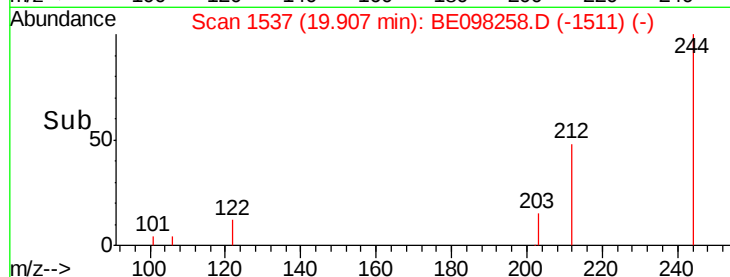
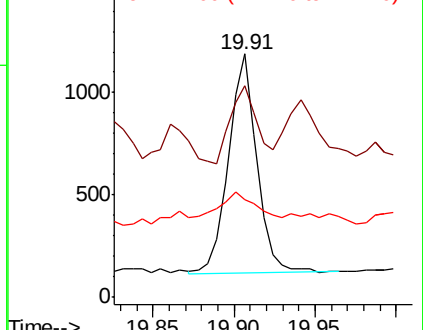
122 40.3 7.0 10.6#



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: 2.818 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

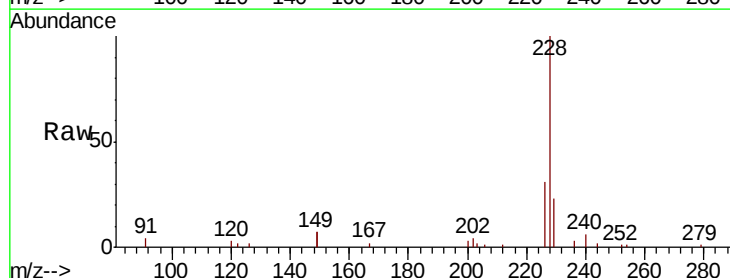
Tgt Ion:228 Resp: 92940

Ion Ratio Lower Upper

228 100

226 30.7 20.7 31.1

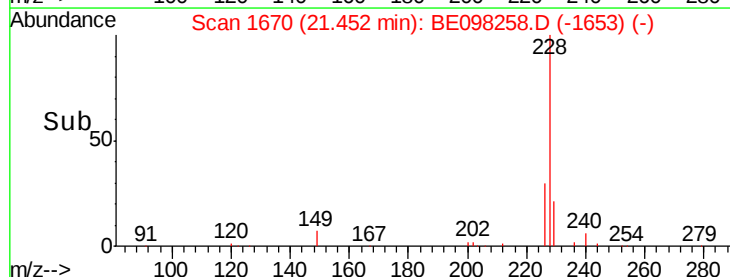
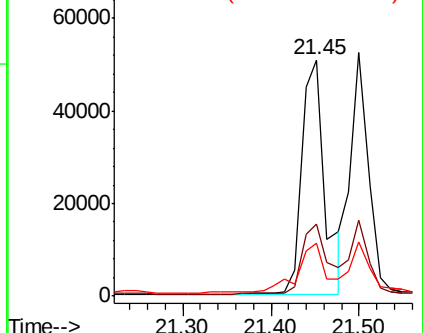
229 22.6 16.2 24.4

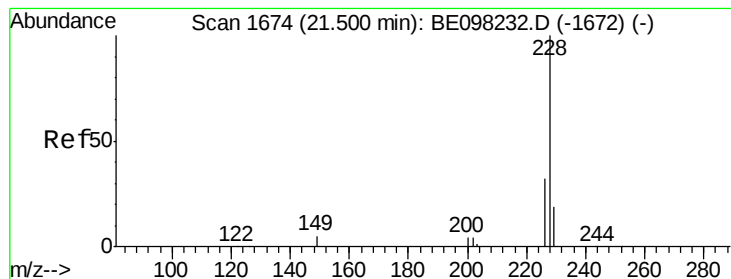


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.150 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

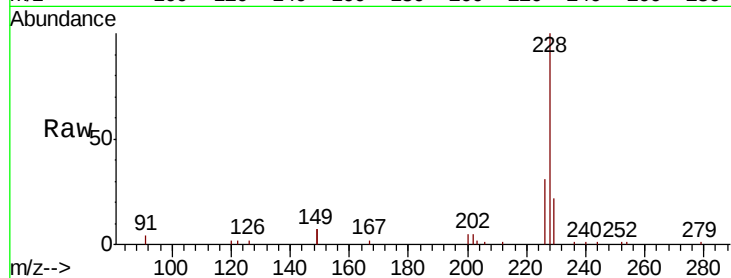
Tgt Ion:228 Resp: 72984

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

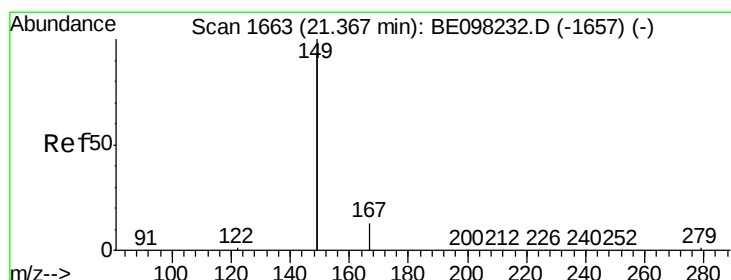
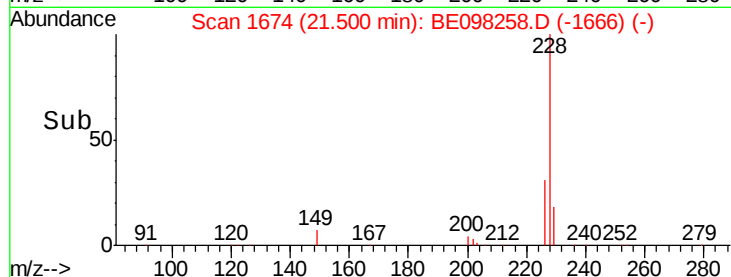
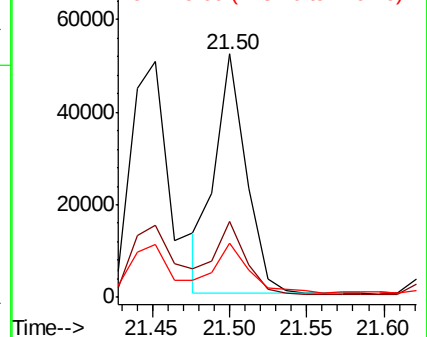
229 22.2 16.0 24.0



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: 0.195 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

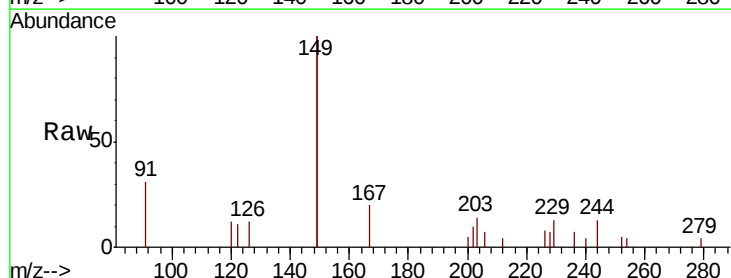
Tgt Ion:149 Resp: 10036

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

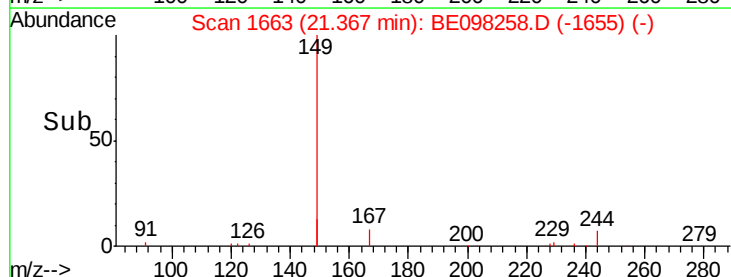
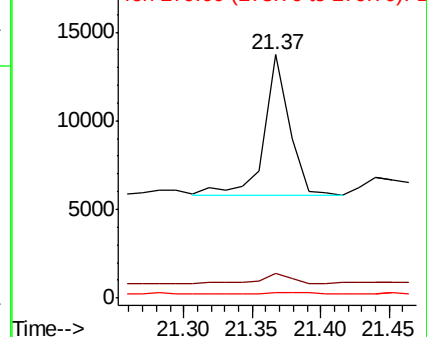
279 1.5 0.9 1.3#

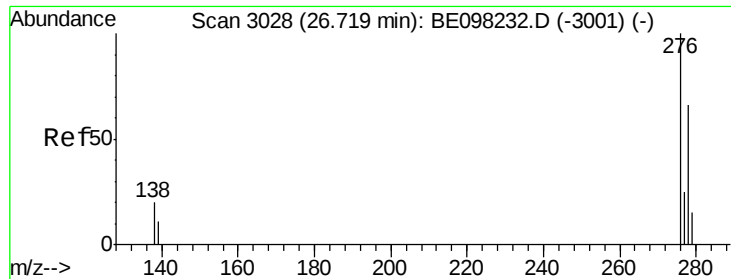


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.954 ng

RT: 26.70 min Scan# 3023

Delta R.T. -0.02 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

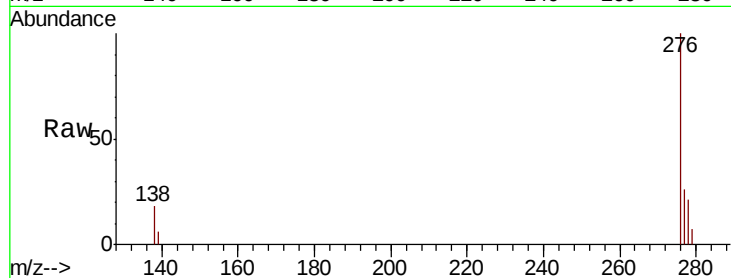
Tgt Ion:276 Resp: 56763

Ion Ratio Lower Upper

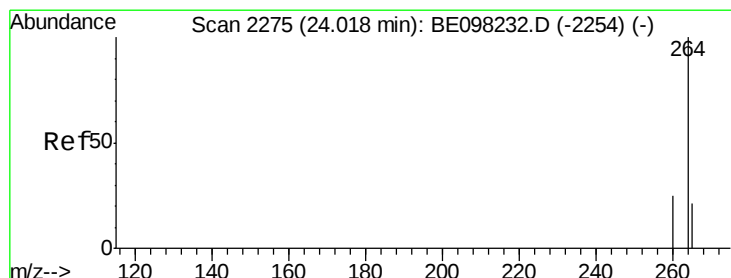
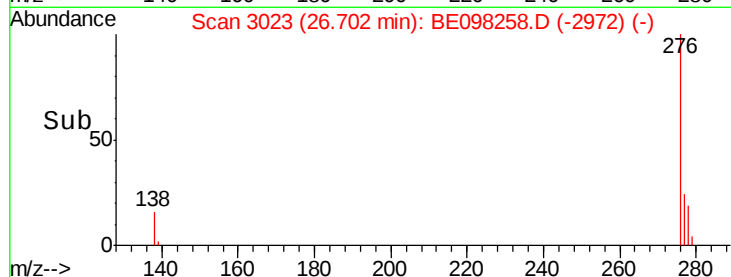
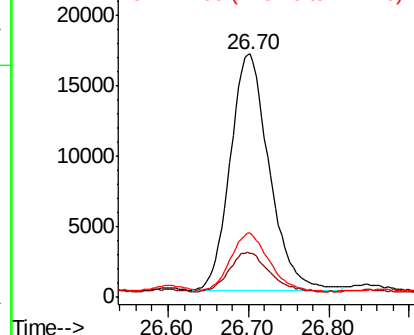
276 100

138 16.5 6.4 9.6#

277 24.1 18.9 28.3



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

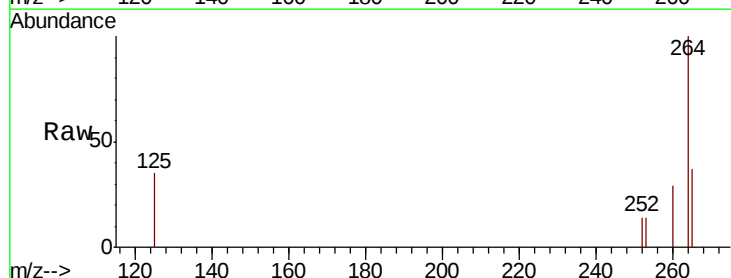
Tgt Ion:264 Resp: 11305

Ion Ratio Lower Upper

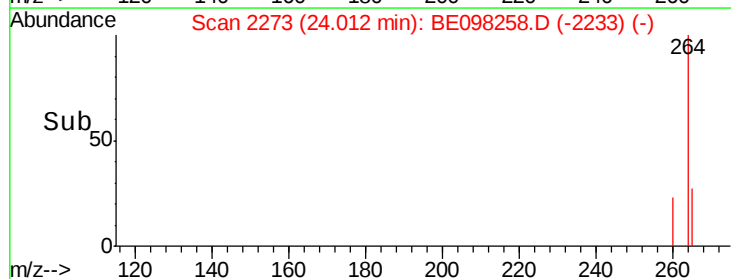
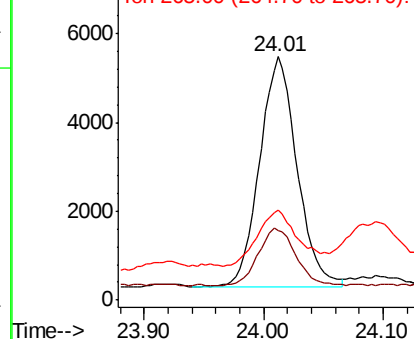
264 100

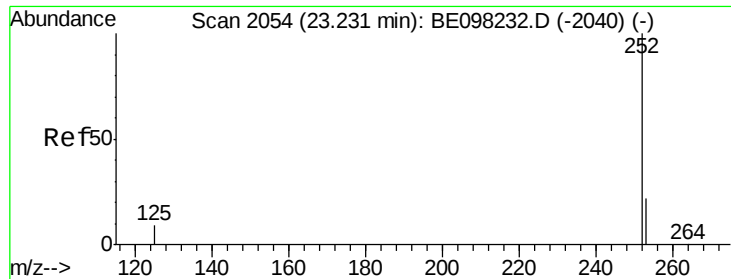
260 28.6 19.9 29.9

265 36.9 21.3 31.9#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.414 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

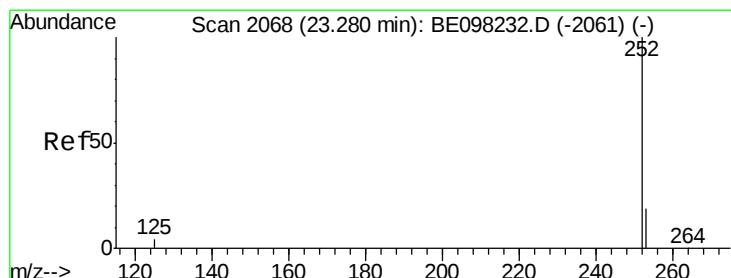
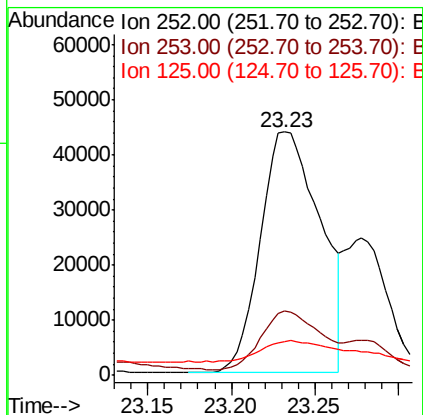
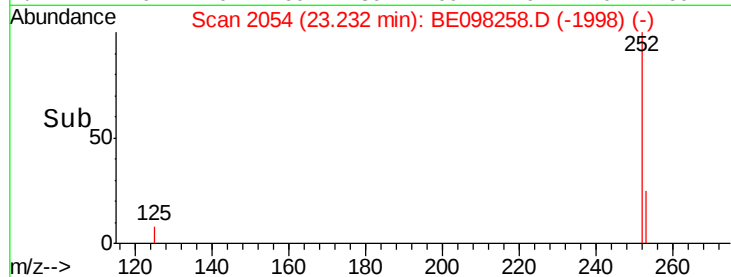
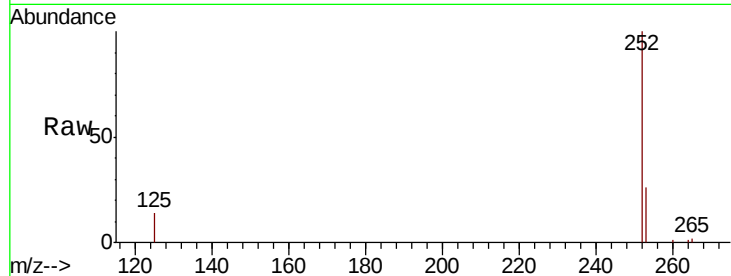
Tgt Ion:252 Resp: 108978

Ion Ratio Lower Upper

252 100

253 26.4 19.4 29.0

125 13.9 8.6 12.8#



#36

Benzo(k)fluoranthene

Concen: 3.023 ng

RT: 23.23 min Scan# 2054

Delta R.T. -0.05 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

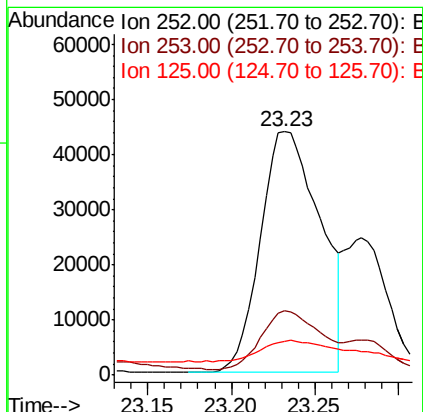
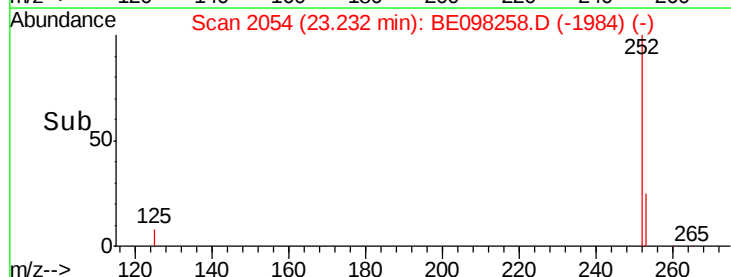
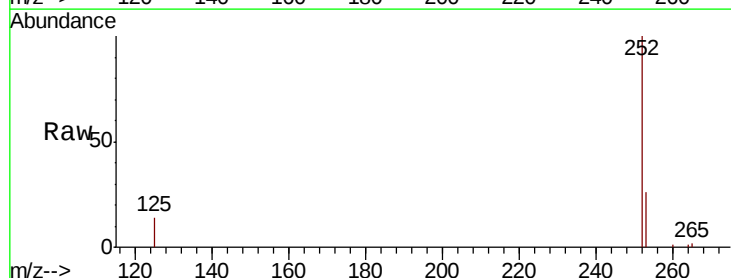
Tgt Ion:252 Resp: 108978

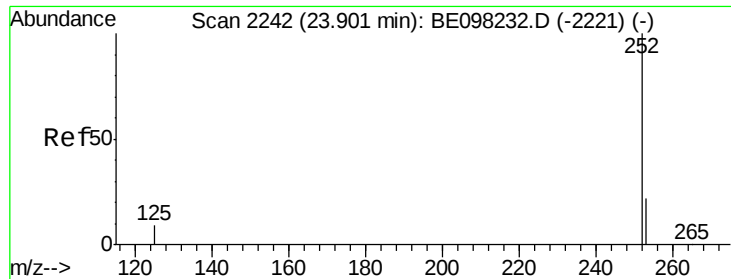
Ion Ratio Lower Upper

252 100

253 26.4 18.6 28.0

125 13.9 7.4 11.0#





#37

Benzo(a)pyrene

Concen: 2.668 ng

RT: 23.90 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

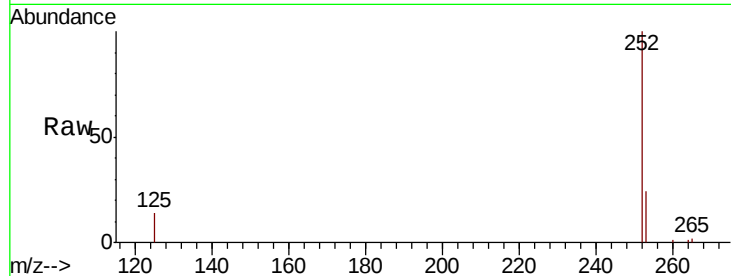
Tgt Ion:252 Resp: 83631

Ion Ratio Lower Upper

252 100

253 24.1 18.6 27.8

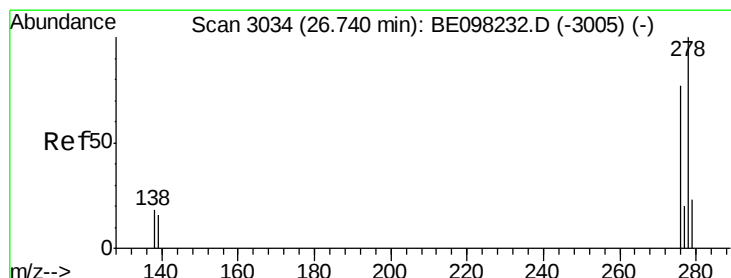
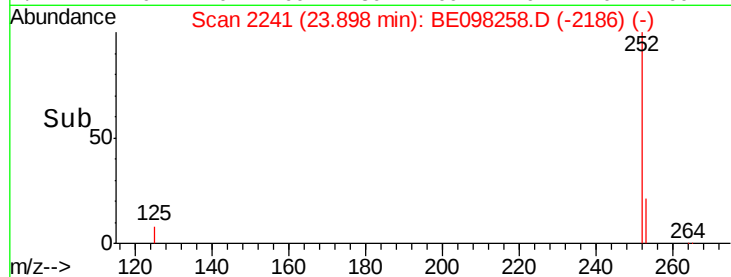
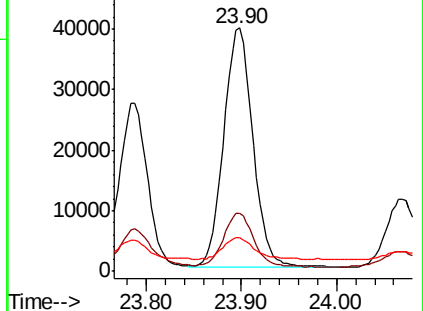
125 13.6 8.0 12.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.583 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.03 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

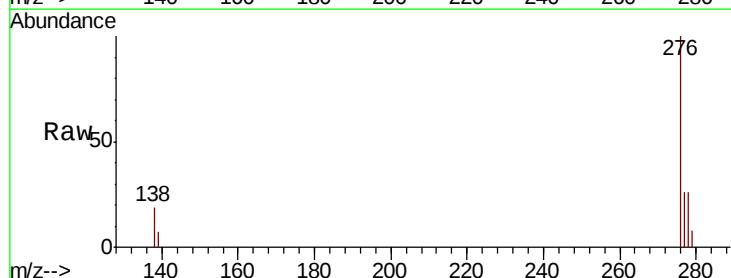
Tgt Ion:278 Resp: 14639

Ion Ratio Lower Upper

278 100

139 25.0 16.4 24.6#

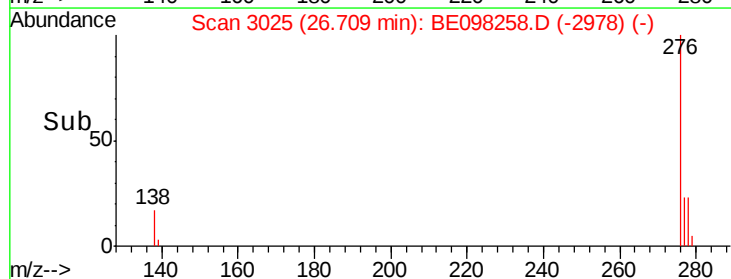
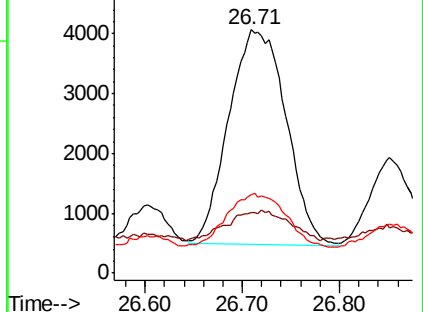
279 32.4 21.3 31.9#

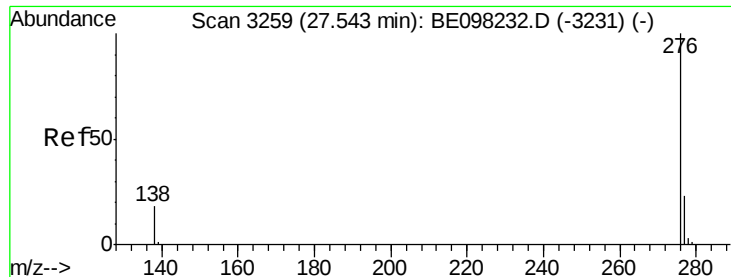


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 2.067 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BE098258.D

Acq: 21 Nov 2018 12:11

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

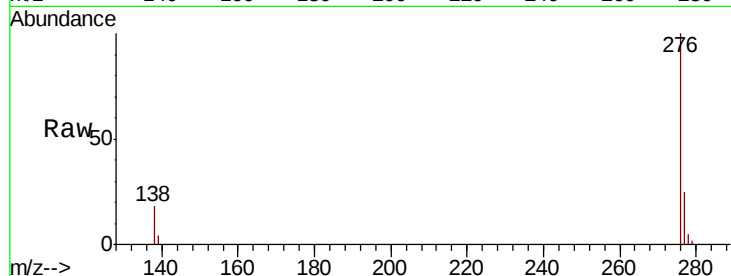
Tgt Ion: 276 Resp: 55940

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 18.4 13.2 19.8



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

