

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112118\
 Data File : BE098259.D
 Acq On : 21 Nov 2018 12:46
 Operator : SJ/JU
 Sample : J5996-07MS 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01R-C

Quant Time: Nov 22 00:01:35 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	7.87	152	1473	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6922	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4522	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10182	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11212	0.40	ng	0.00
34) Perylene-d12	24.01	264	10742	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	170	0.04	ng	0.00
5) Phenol-d6	7.04	99	307	0.05	ng	0.00
8) Nitrobenzene-d5	9.03	82	314	0.05	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	630	0.05	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	92	0.06	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	753	0.04	ng	0.00
25) Fluoranthene-d10	19.31	212	5144	0.04	ng	0.00
29) Terphenyl-d14	19.91	244	1124	0.04	ng	0.00

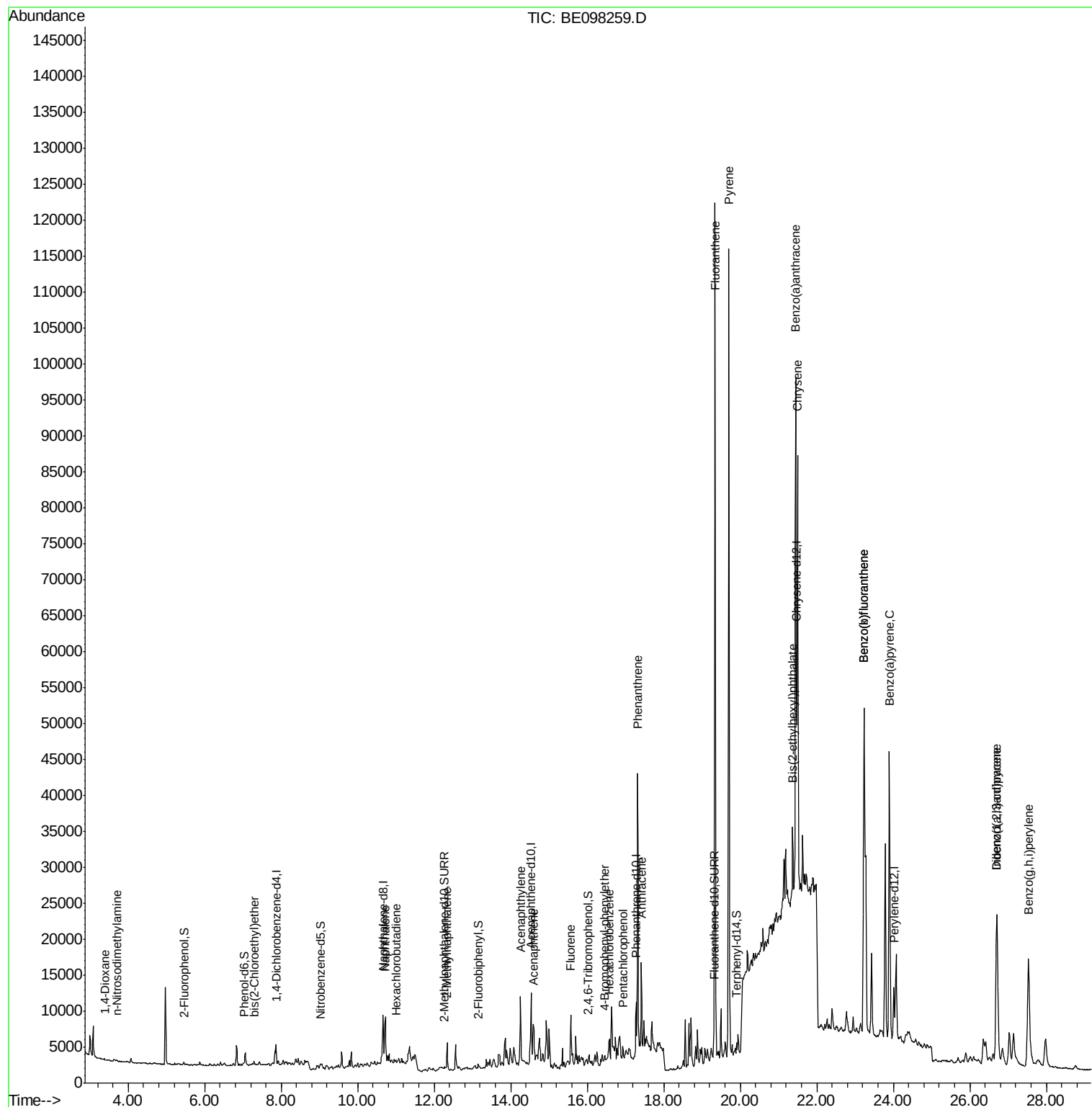
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	77	0.033	ng	# 31
3) n-Nitrosodimethylamine	3.70	42	129	0.050	ng	# 71
6) bis(2-Chloroethyl)ether	7.28	93	257	0.048	ng	# 86
9) Naphthalene	10.72	128	12179	0.173	ng	# 98
10) Hexachlorobutadiene	11.00	225	164	0.040	ng	# 90
12) 2-Methylnaphthalene	12.34	142	2526	0.203	ng	94
16) Acenaphthylene	14.26	152	12347	0.574	ng	97
17) Acenaphthene	14.60	154	2550	0.198	ng	98
18) Fluorene	15.57	166	5178	0.316	ng	96
20) 4-Bromophenyl-phenylether	16.46	248	283	0.045	ng	# 31
21) Hexachlorobenzene	16.58	284	241	0.037	ng	# 56
22) Pentachlorophenol	16.94	266	140	0.210	ng	94
23) Phenanthrene	17.32	178	40928	1.562	ng	98
24) Anthracene	17.41	178	12859	0.540	ng	98
26) Fluoranthene	19.34	202	109360	3.479	ng	99
28) Pyrene	19.70	202	105221	3.210	ng	96
30) Benzo(a)anthracene	21.45	228	71214	2.196	ng	92
31) Chrysene	21.50	228	58201	1.744	ng	95
32) Bis(2-ethylhexyl)phthalate	21.37	149	12925	0.256	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.71	276	42834	1.499	ng	# 94
35) Benzo(b)fluoranthene	23.23	252	86089	2.838	ng	# 89
36) Benzo(k)fluoranthene	23.23	252	86089	2.513	ng	# 87
37) Benzo(a)pyrene	23.90	252	63690	2.138	ng	# 92
38) Dibenzo(a,h)anthracene	26.71	278	11032	0.462	ng	# 79
39) Benzo(g,h,i)perylene	27.53	276	41957	1.632	ng	98

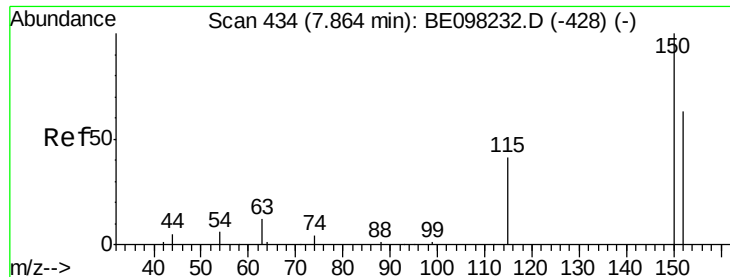
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

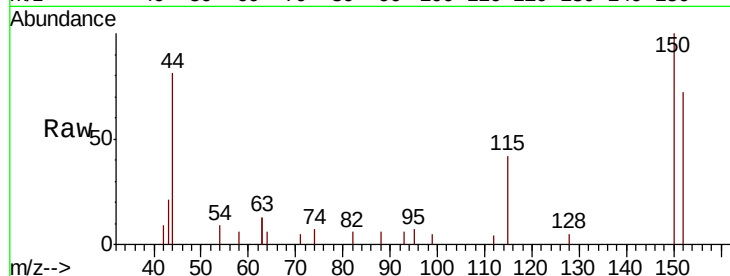
Tgt Ion: 152 Resp: 1473

Ion Ratio Lower Upper

152 100

150 139.4 127.5 191.3

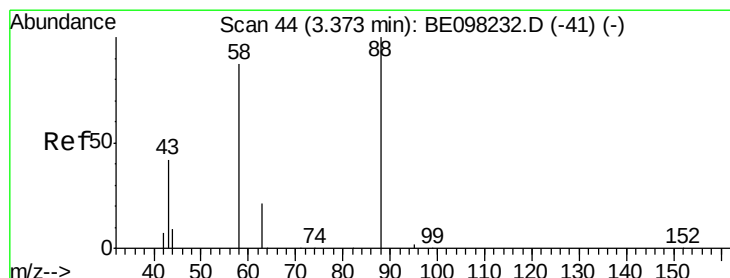
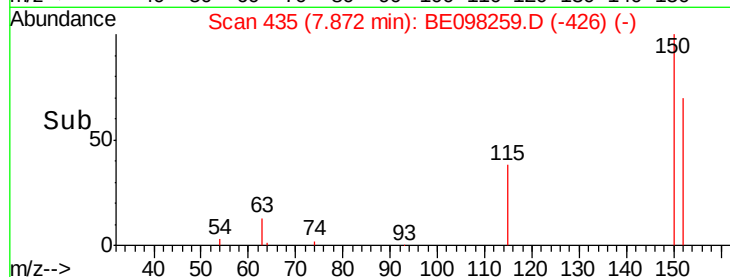
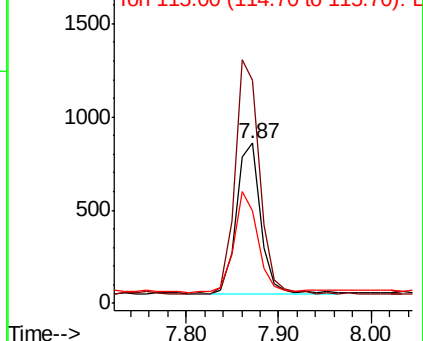
115 57.9 60.3 90.5#



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: 0.033 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

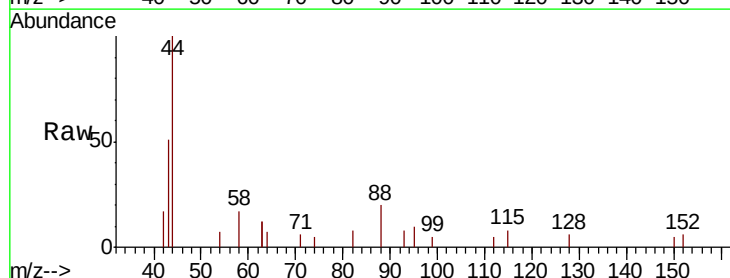
Tgt Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

58 107.8 79.0 118.4

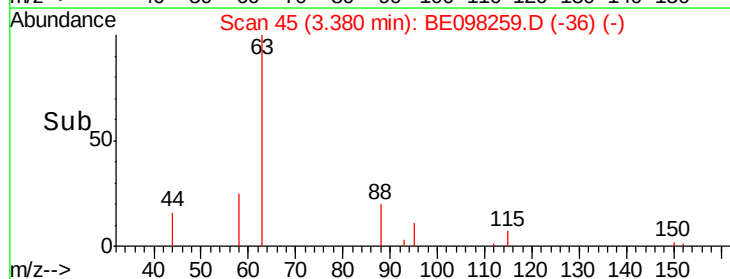
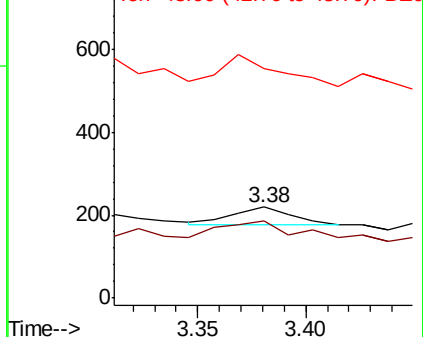
43 176.6 38.1 57.1#

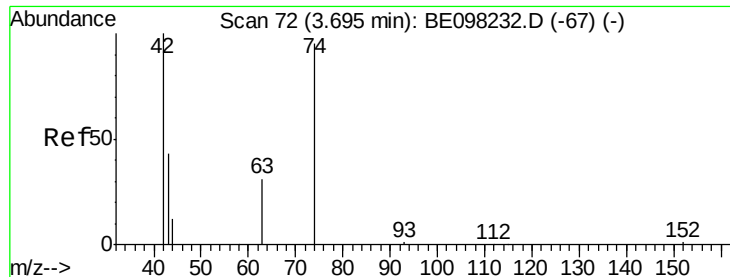


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.050 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

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AOC8-01R-C

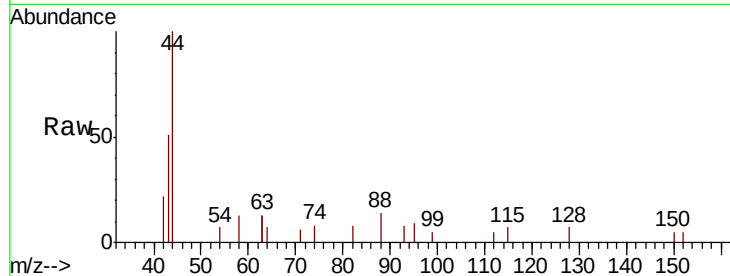
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

42 100

74 54.3 61.7 92.5#

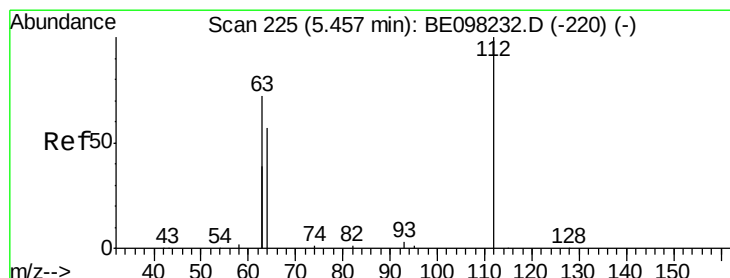
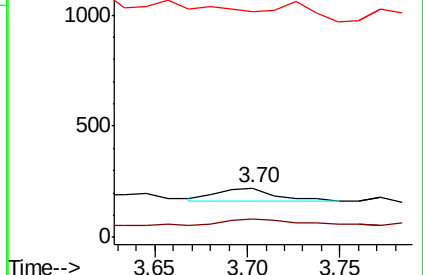
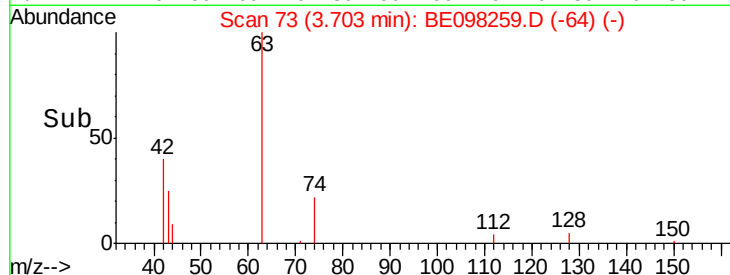
44 0.0 14.0 21.0#



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: 0.043 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

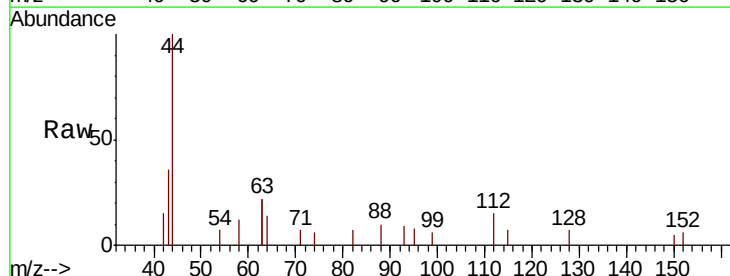
Tgt Ion: 112 Resp: 170

Ion Ratio Lower Upper

112 100

64 95.3 61.7 92.5#

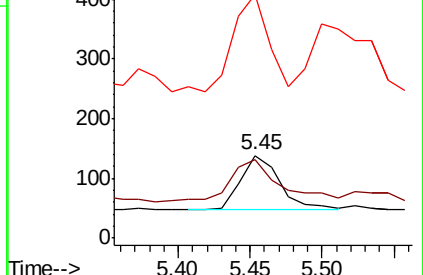
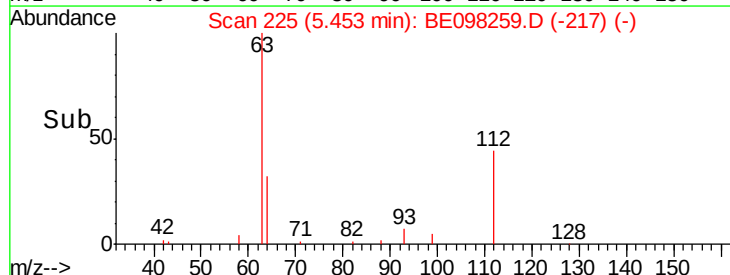
63 162.4 136.2 204.2

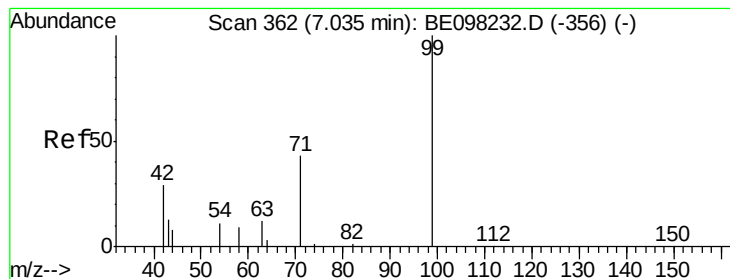


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.049 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

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AOC8-01R-C

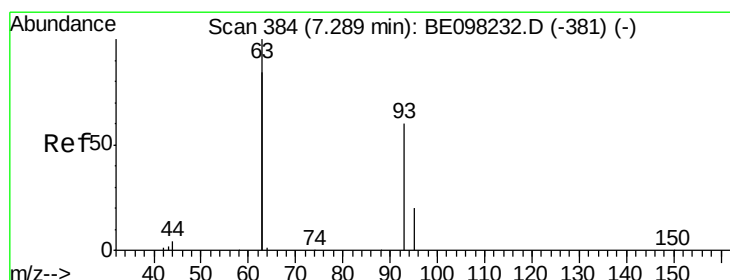
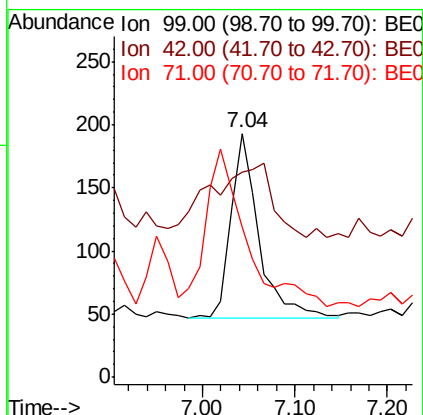
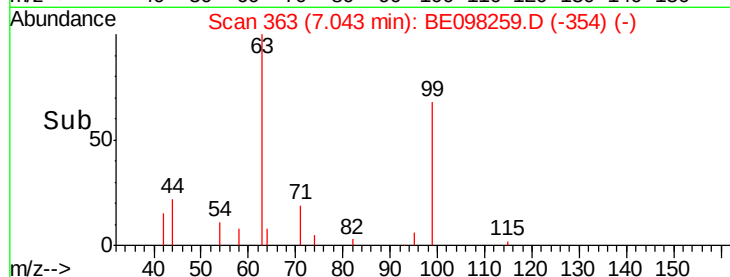
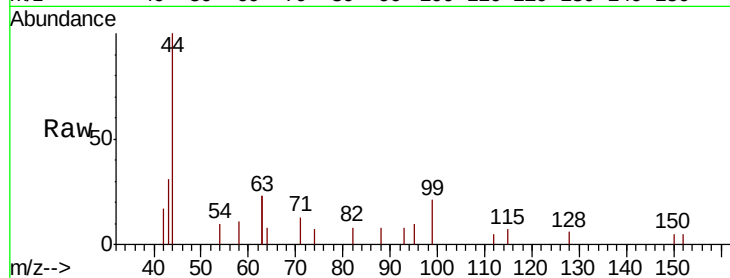
Tgt Ion: 99 Resp: 307

Ion Ratio Lower Upper

99 100

42 0.0 27.1 40.7#

71 0.0 37.0 55.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.048 ng

RT: 7.28 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

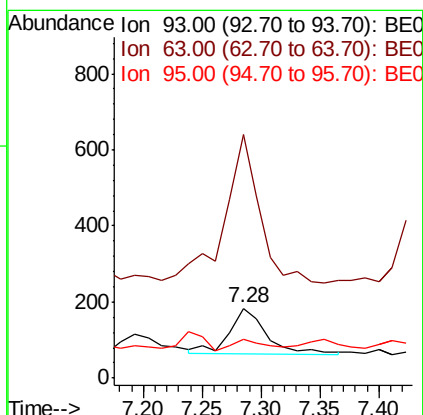
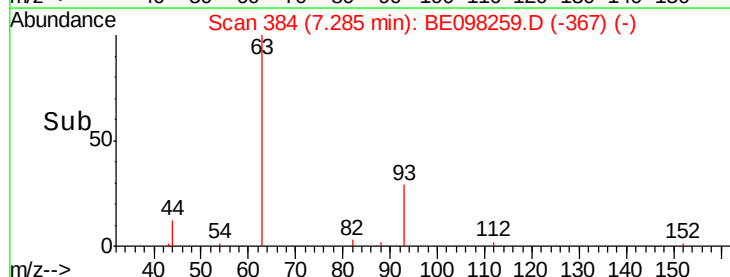
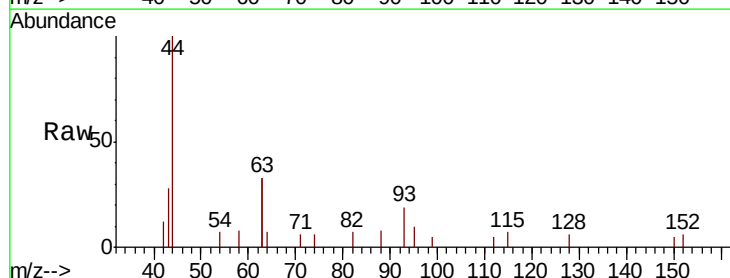
Tgt Ion: 93 Resp: 257

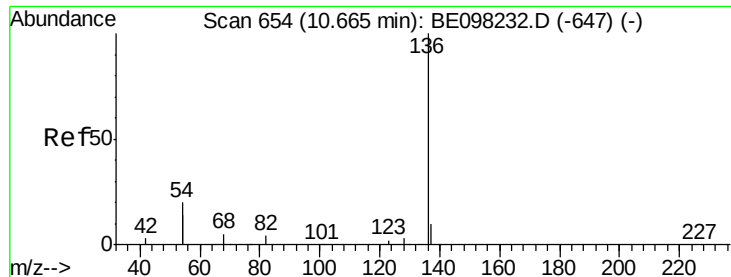
Ion Ratio Lower Upper

93 100

63 312.5 272.6 409.0

95 23.7 27.1 40.7#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

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ClientSampleId :

AOC8-01R-C

Tgt Ion: 136 Resp: 6922

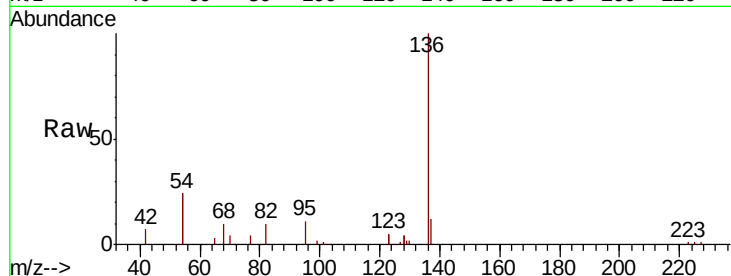
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 47.7 31.3 46.9#

68 9.5 4.8 7.2#

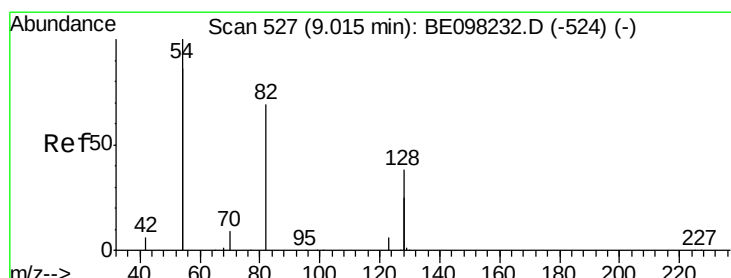
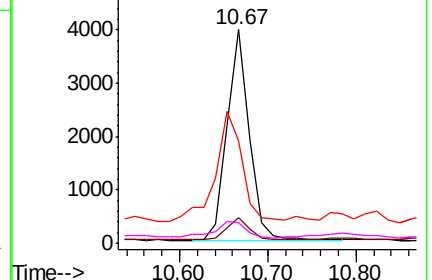
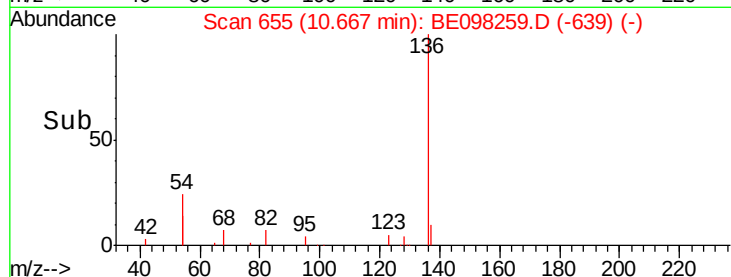


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.048 ng

RT: 9.03 min Scan# 529

Delta R.T. 0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

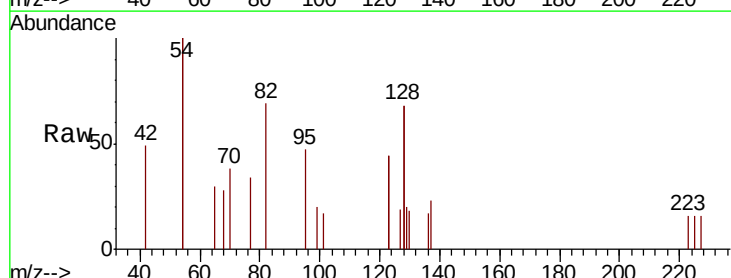
Tgt Ion: 82 Resp: 314

Ion Ratio Lower Upper

82 100

128 195.1 96.1 144.1#

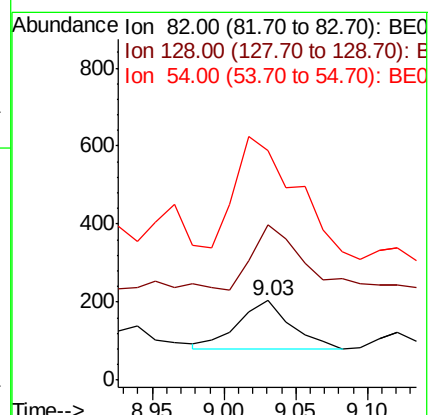
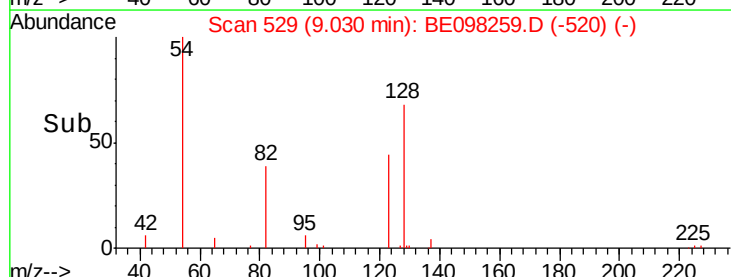
54 288.2 232.0 348.0

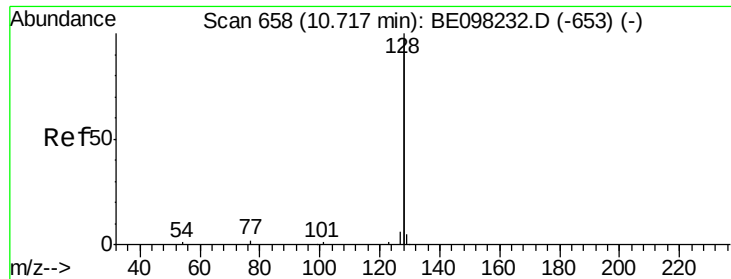


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.173 ng

RT: 10.72 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098259.D

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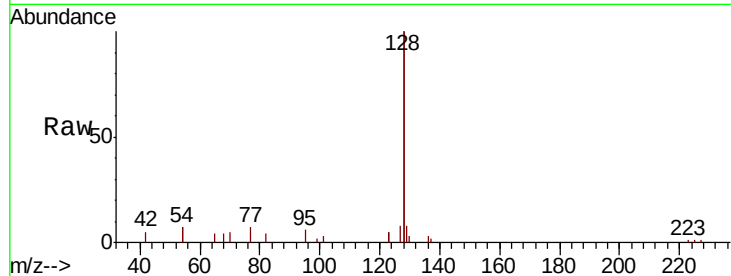
Tgt Ion:128 Resp: 12179

Ion Ratio Lower Upper

128 100

129 4.2 2.6 4.0#

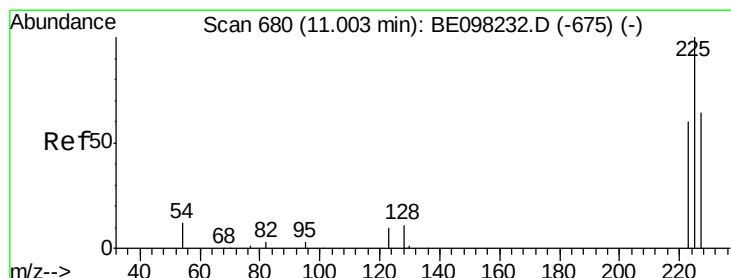
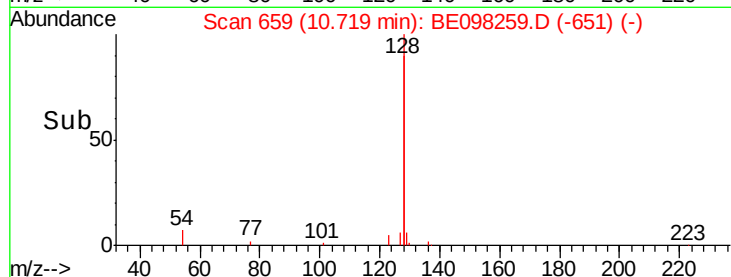
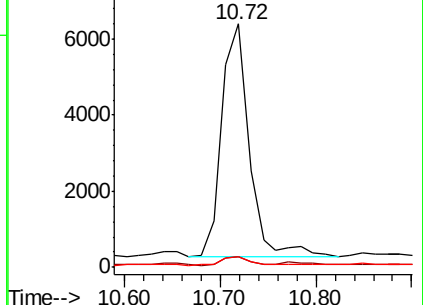
127 4.2 2.8 4.2#



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: 0.040 ng

RT: 11.00 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

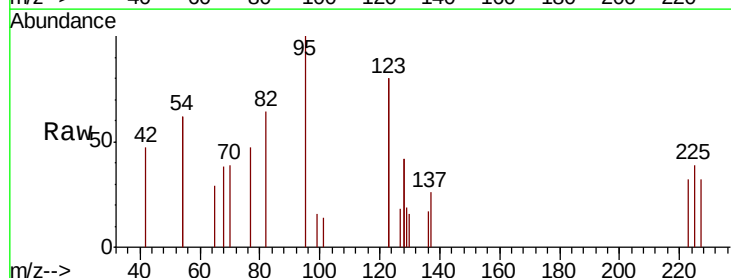
Tgt Ion:225 Resp: 164

Ion Ratio Lower Upper

225 100

223 77.4 50.5 75.7#

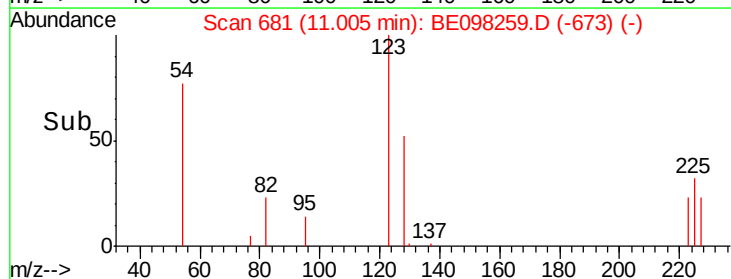
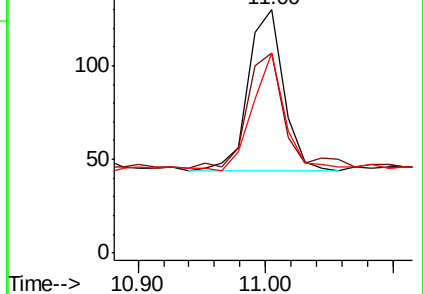
227 63.4 50.3 75.5

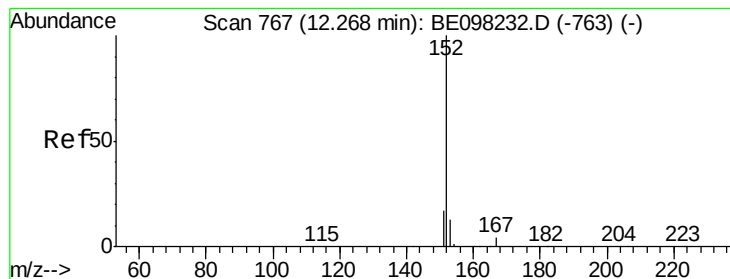


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.052 ng

RT: 12.27 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098259.D

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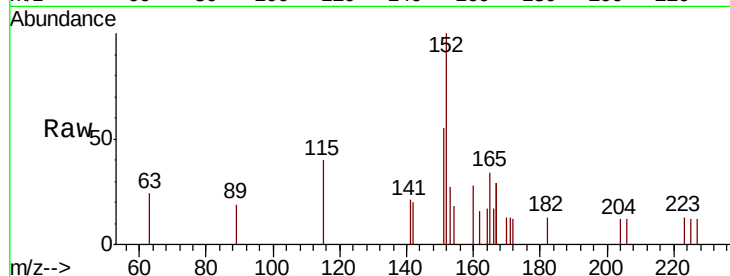
AOC8-01R-C

Tgt Ion:152 Resp: 630

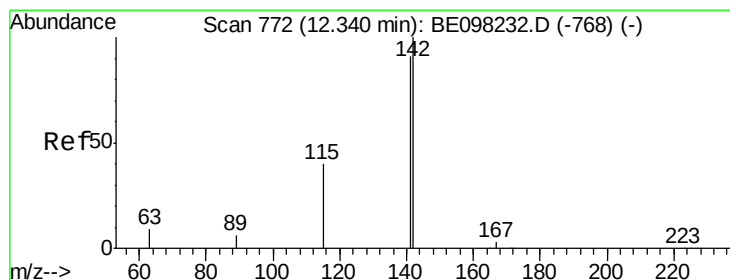
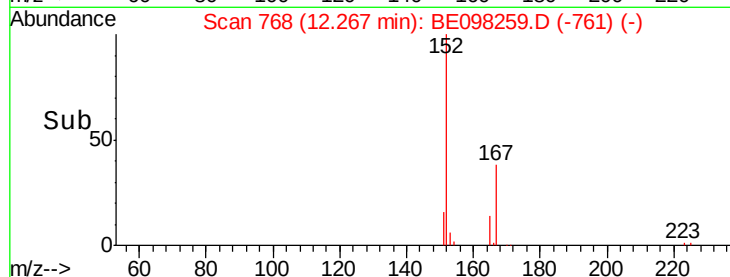
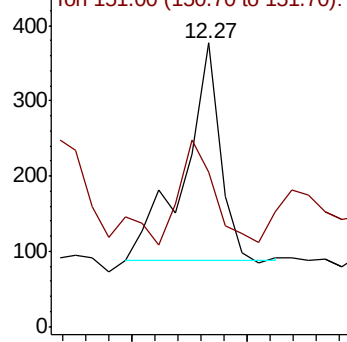
Ion Ratio Lower Upper

152 100

151 45.2 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.203 ng

RT: 12.34 min Scan# 773

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

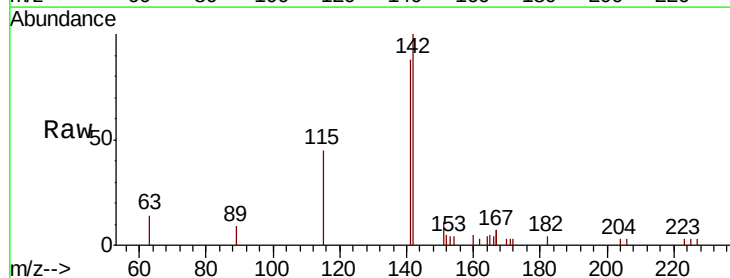
Tgt Ion:142 Resp: 2526

Ion Ratio Lower Upper

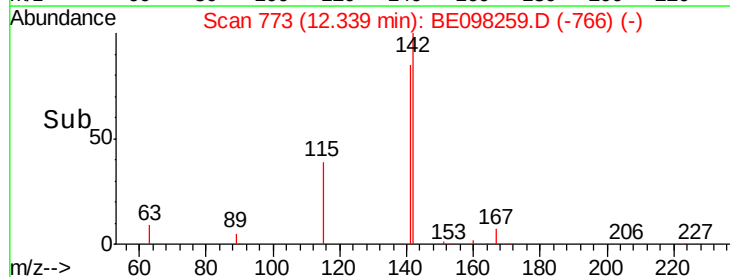
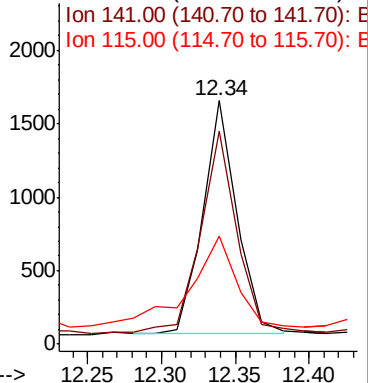
142 100

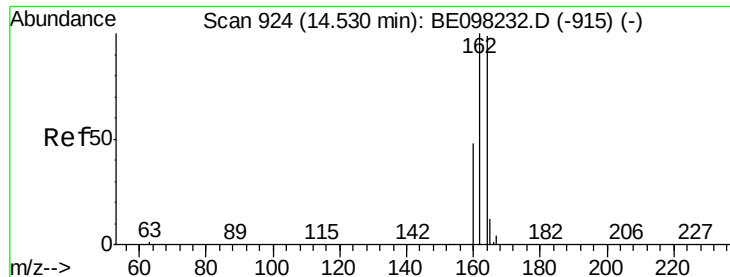
141 87.5 76.3 114.5

115 44.5 35.8 53.8



Abundance Ion 142.00 (141.70 to 142.70): E

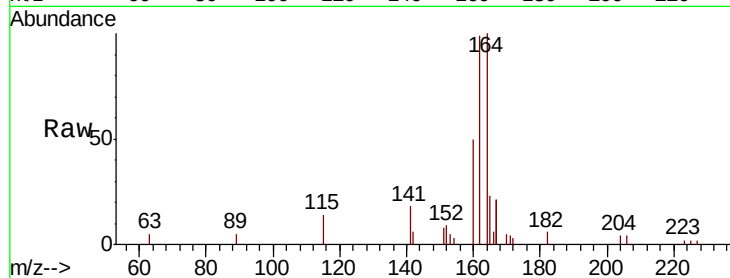




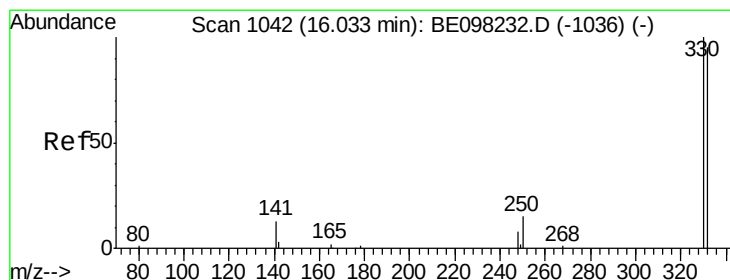
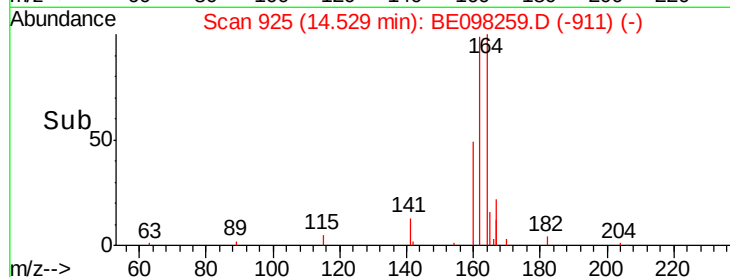
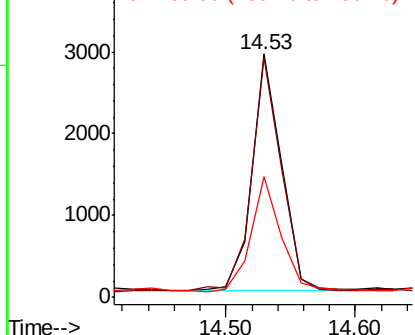
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098259.D
 Acq: 21 Nov 2018 12:46

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01R-C

Tgt Ion:164 Resp: 4522
 Ion Ratio Lower Upper
 164 100
 162 98.6 81.8 122.6
 160 49.7 39.4 59.0

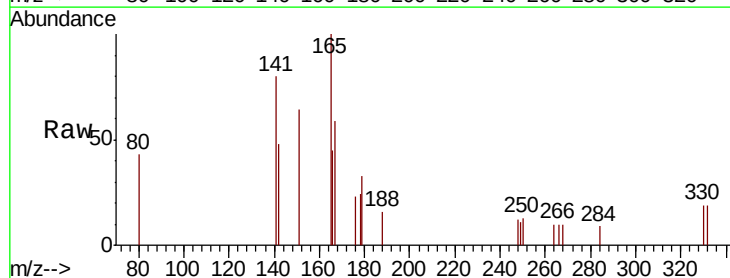


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

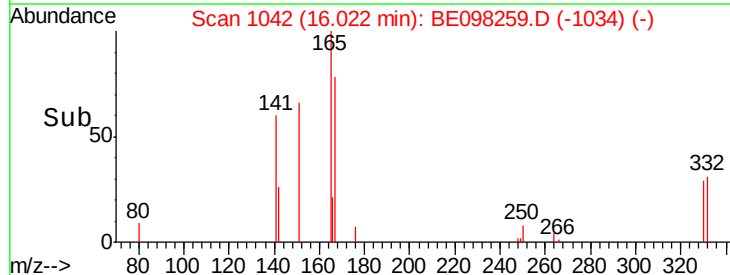
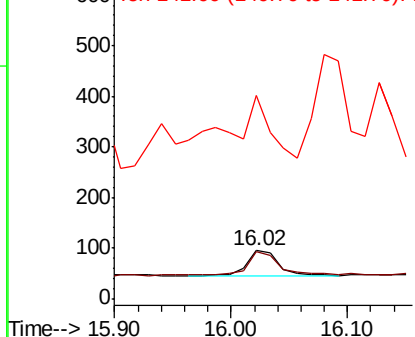


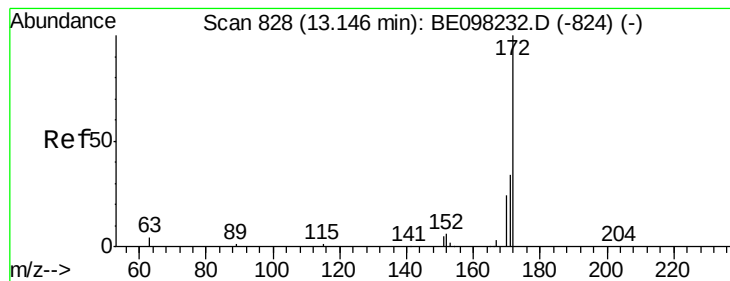
#14
 2,4,6-Tribromophenol
 Concen: 0.063 ng
 RT: 16.02 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE098259.D
 Acq: 21 Nov 2018 12:46

Tgt Ion:330 Resp: 92
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.7 116.5
 141 296.7 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

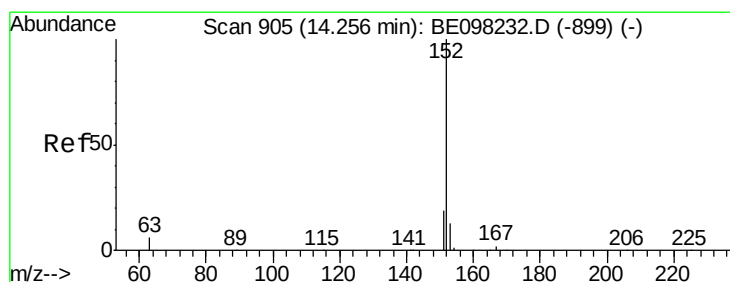
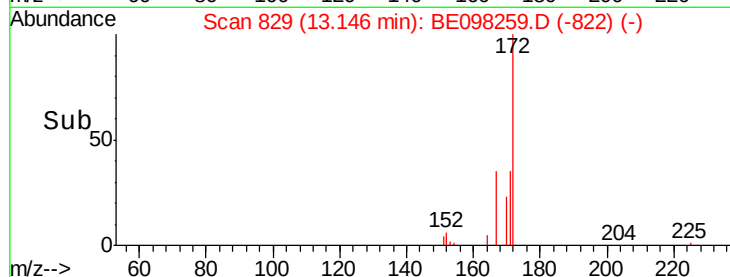
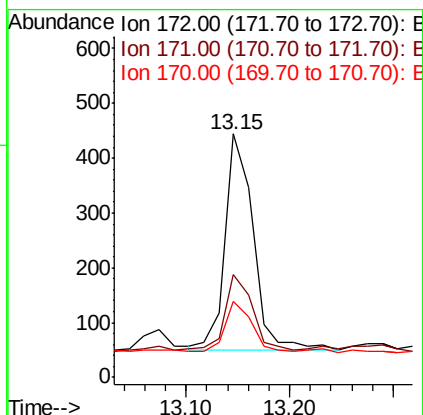
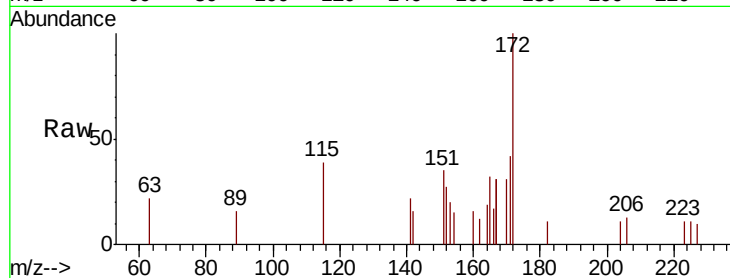




#15
2-Fluorobiphenyl
Concen: 0.038 ng
RT: 13.15 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098259.D
Acq: 21 Nov 2018 12:46

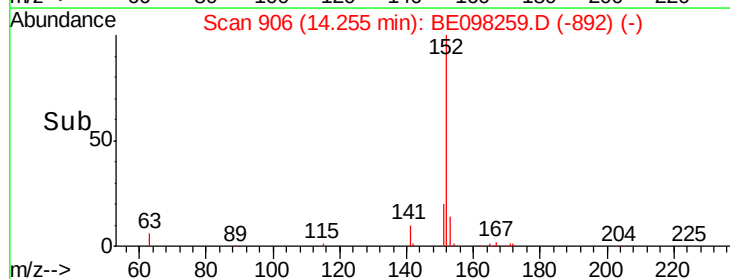
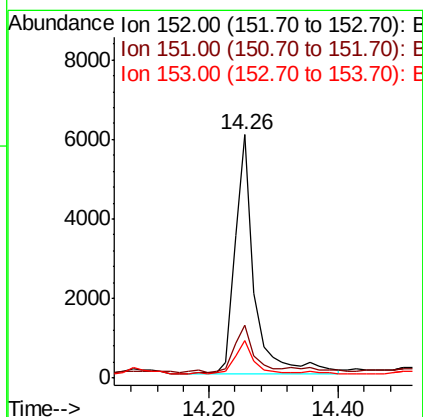
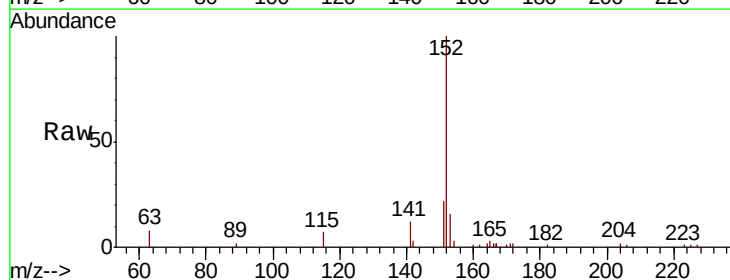
Instrument :
BNA_E
ClientSampleId :
AOC8-01R-C

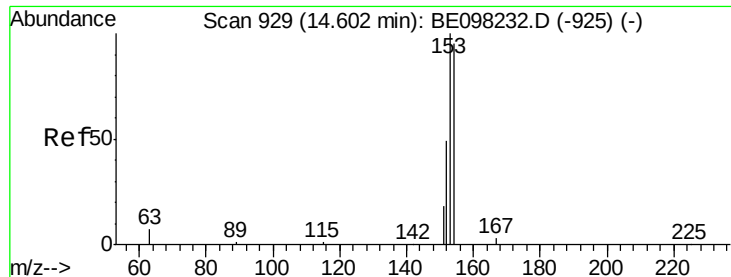
Tgt Ion:172 Resp: 753
Ion Ratio Lower Upper
172 100
171 42.3 27.3 40.9#
170 31.3 19.4 29.0#



#16
Acenaphthylene
Concen: 0.574 ng
RT: 14.26 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098259.D
Acq: 21 Nov 2018 12:46

Tgt Ion:152 Resp: 12347
Ion Ratio Lower Upper
152 100
151 19.1 16.4 24.6
153 14.4 10.6 15.8





#17

Acenaphthene

Concen: 0.198 ng

RT: 14.60 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

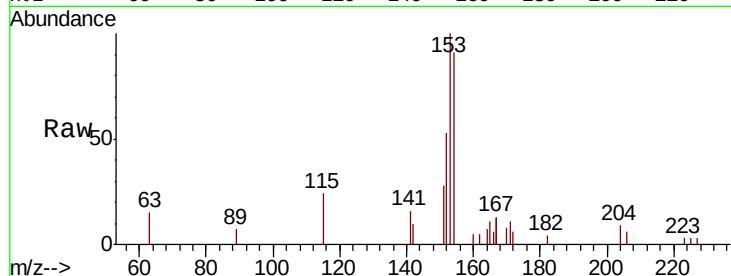
Tgt Ion:154 Resp: 2550

Ion Ratio Lower Upper

154 100

153 118.0 92.1 138.1

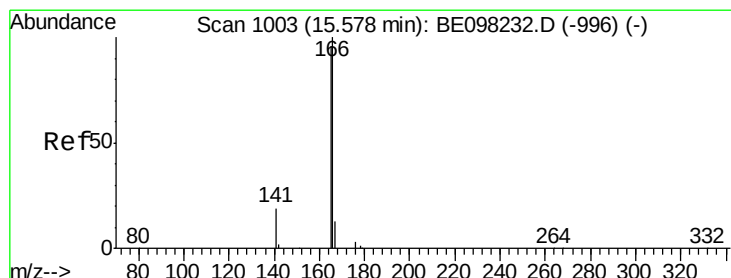
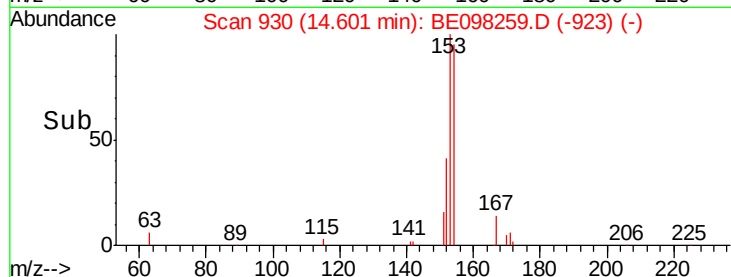
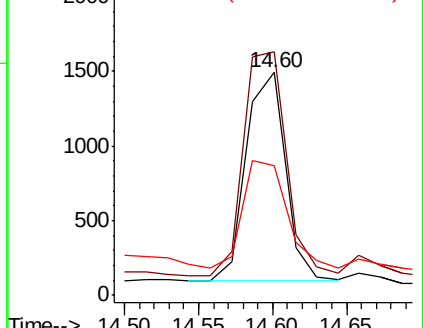
152 58.6 46.2 69.2



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: 0.316 ng

RT: 15.57 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

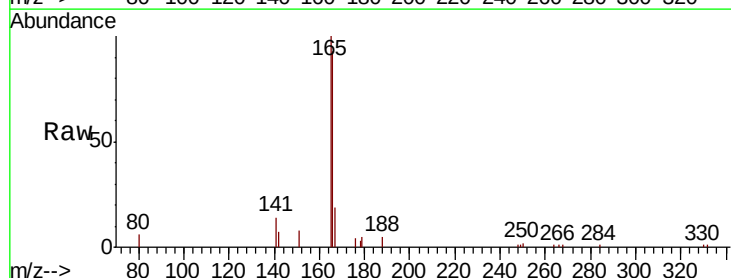
Tgt Ion:166 Resp: 5178

Ion Ratio Lower Upper

166 100

165 103.8 80.1 120.1

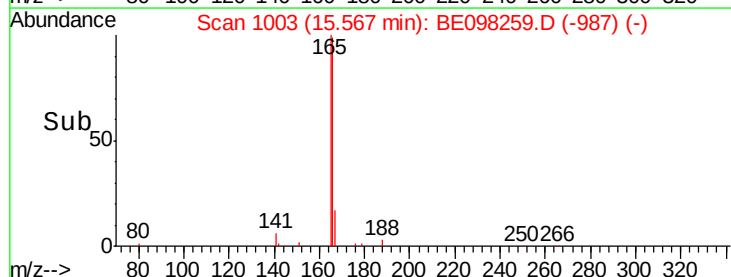
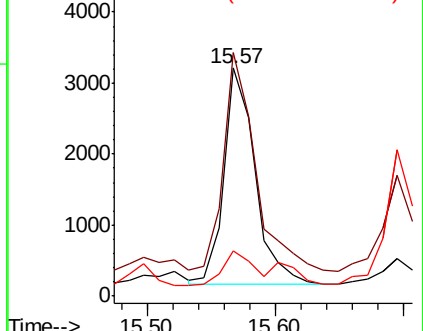
167 16.1 10.8 16.2

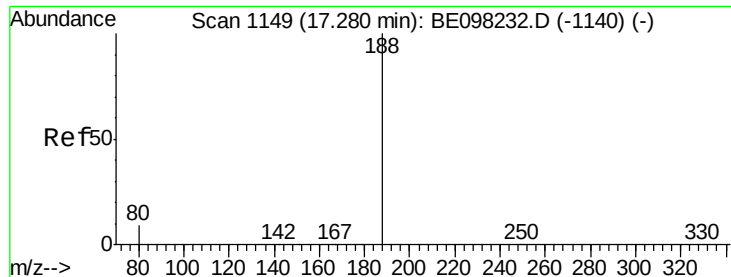


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1150

Delta R.T. 0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

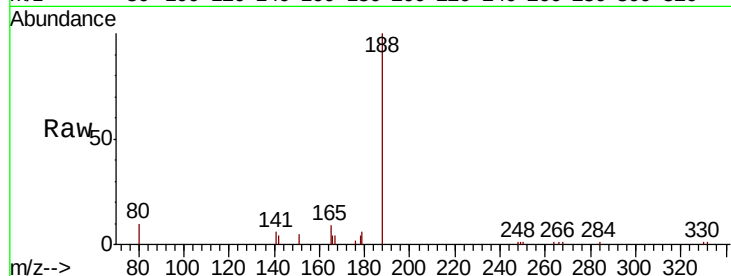
Tgt Ion:188 Resp: 10182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

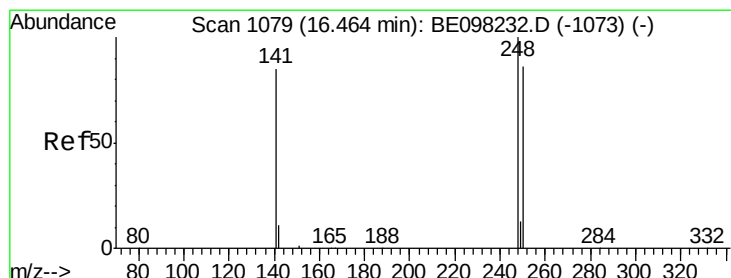
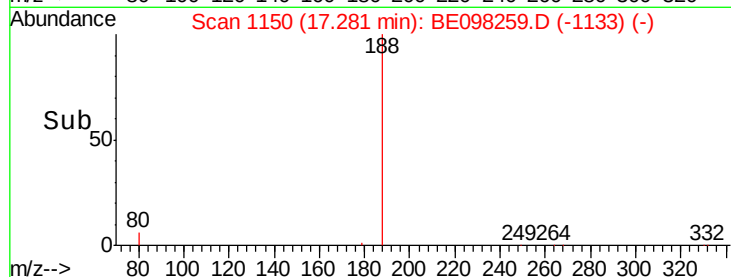
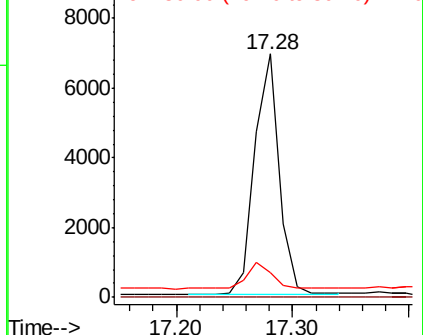
80 10.4 6.7 10.1#



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: 0.045 ng

RT: 16.46 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

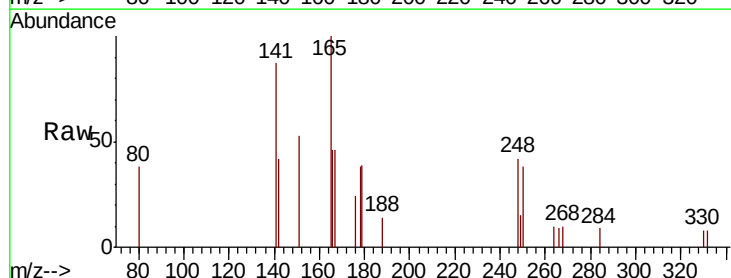
Tgt Ion:248 Resp: 283

Ion Ratio Lower Upper

248 100

250 90.5 77.6 116.4

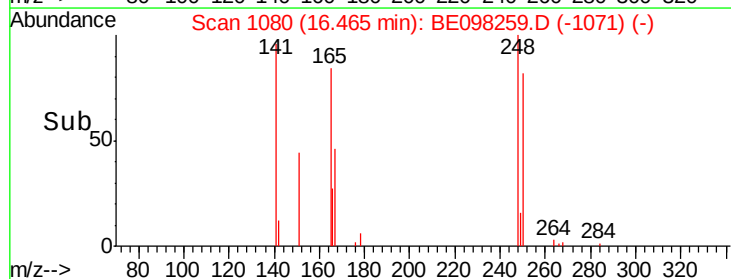
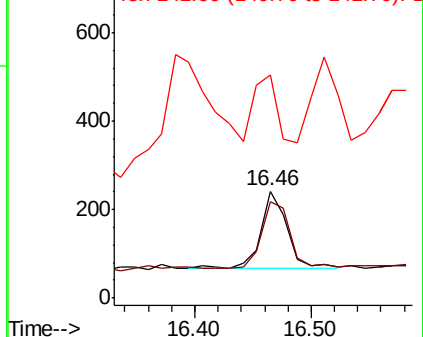
141 210.0 65.8 98.8#

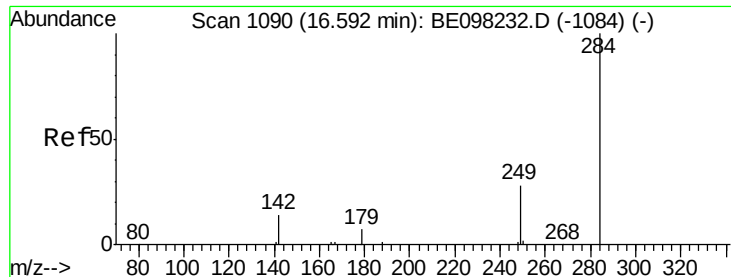


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.037 ng

RT: 16.58 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

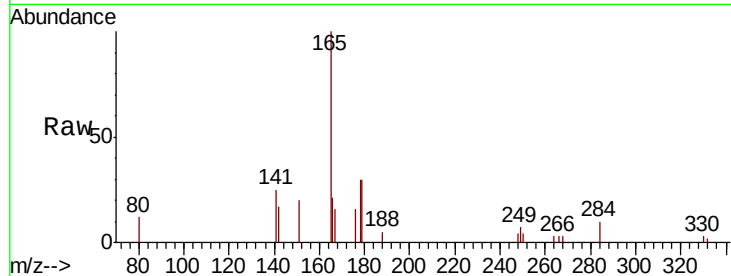
Tgt Ion:284 Resp: 241

Ion Ratio Lower Upper

284 100

142 68.0 26.5 39.7#

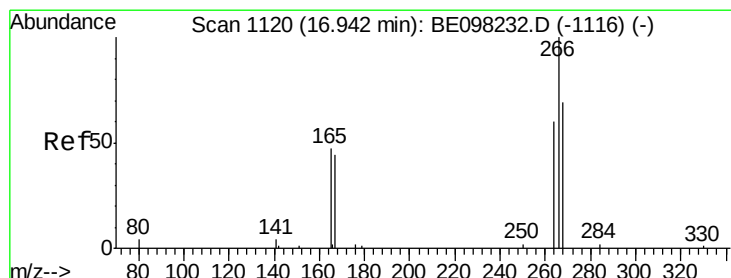
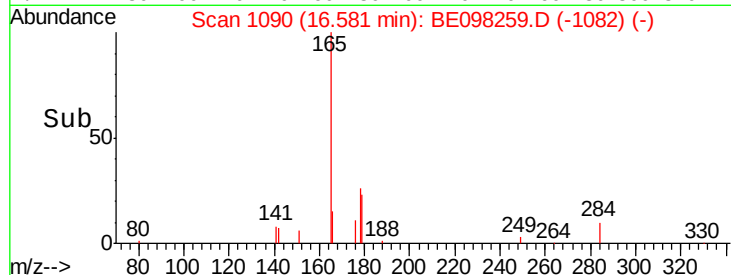
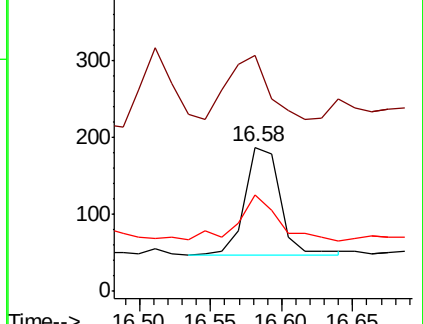
249 51.5 28.4 42.6#



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: 0.210 ng

RT: 16.94 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

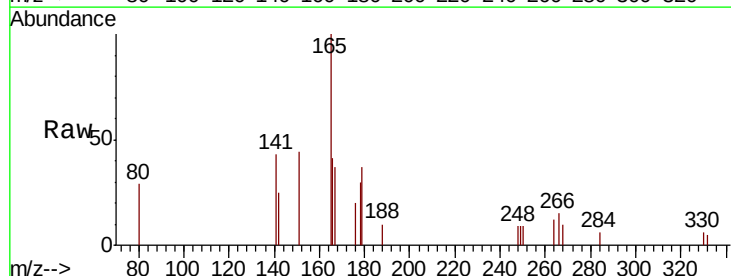
Tgt Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

264 81.3 57.6 86.4

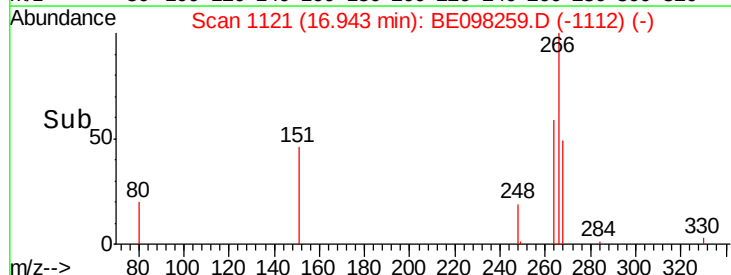
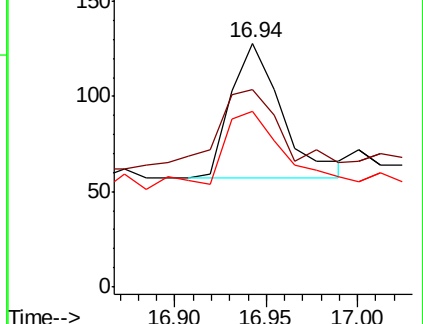
268 71.9 56.8 85.2

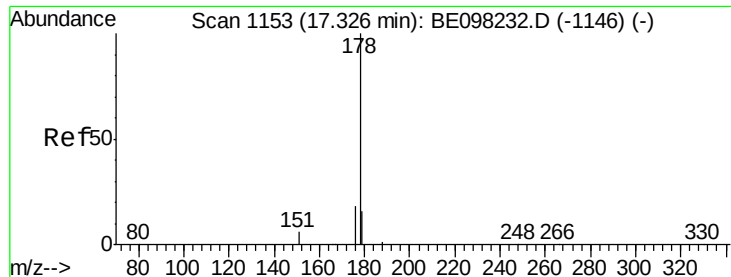


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.562 ng

RT: 17.32 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

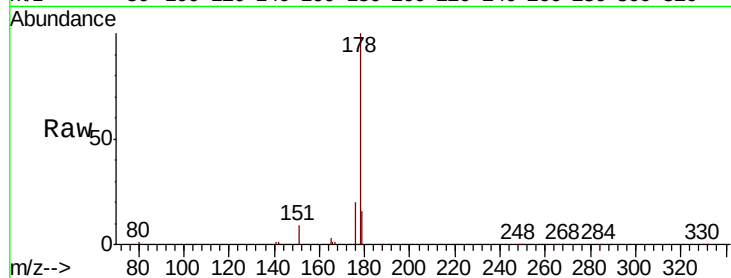
Tgt Ion:178 Resp: 40928

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

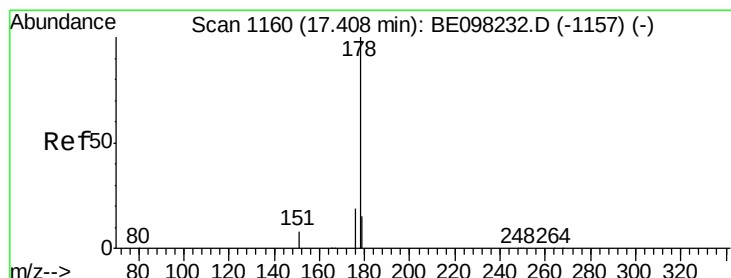
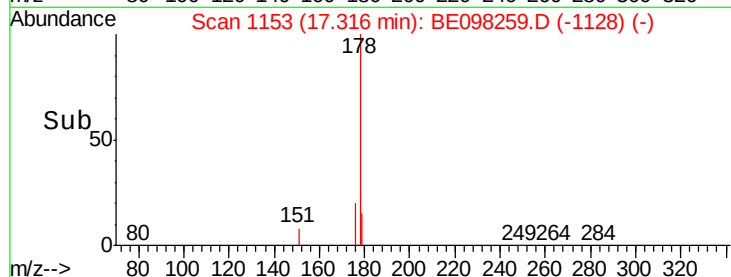
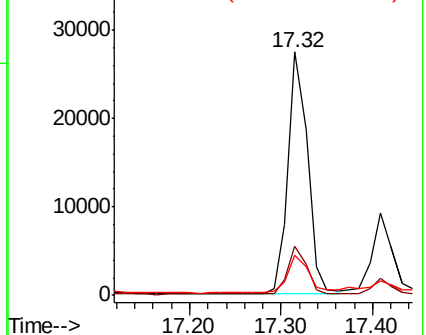
179 16.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.540 ng

RT: 17.41 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

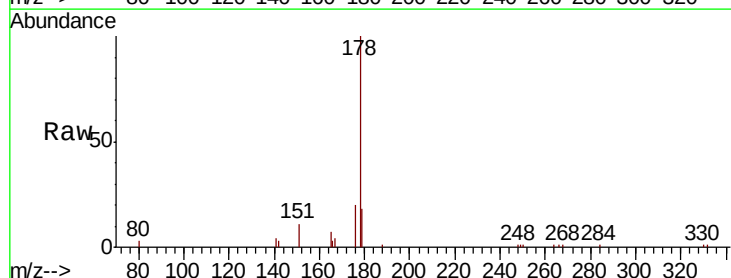
Tgt Ion:178 Resp: 12859

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

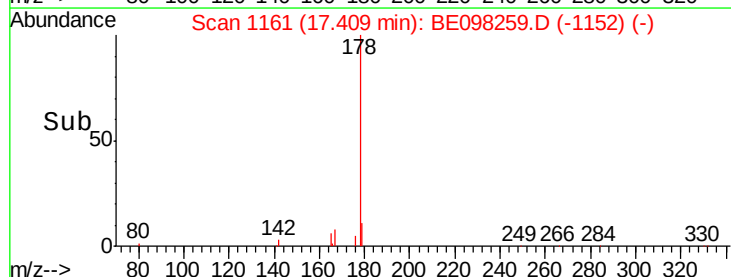
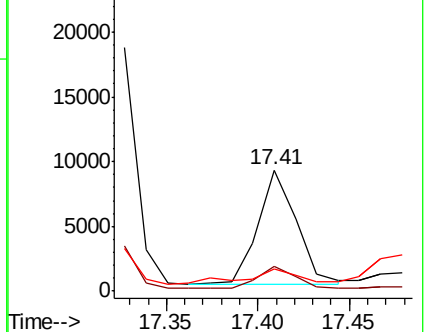
179 16.0 12.1 18.1

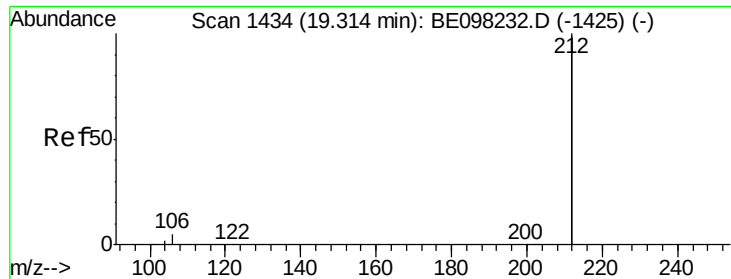


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.042 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

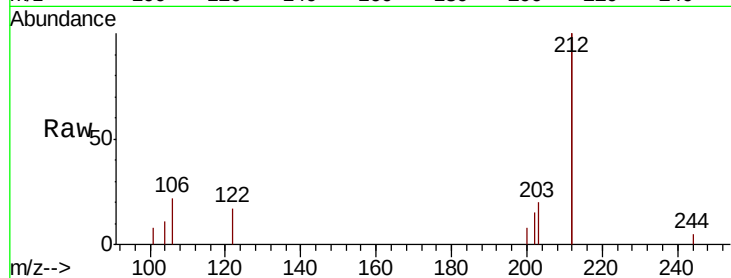
Tgt Ion:212 Resp: 5144

Ion Ratio Lower Upper

212 100

106 4.2 1.8 2.8#

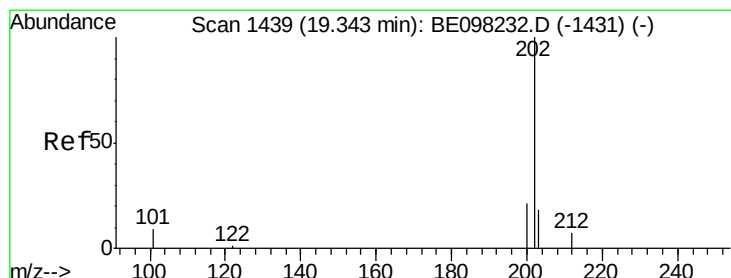
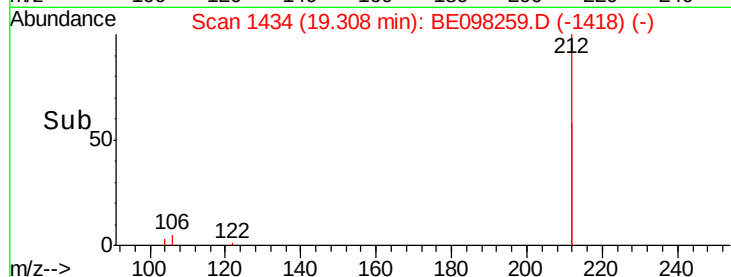
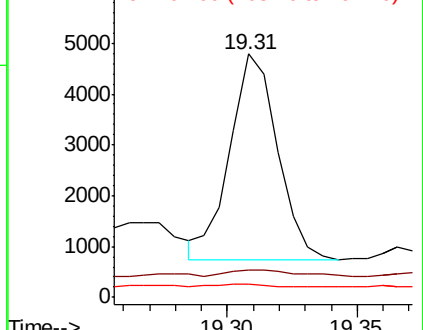
104 1.9 1.1 1.7#



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: 3.479 ng

RT: 19.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

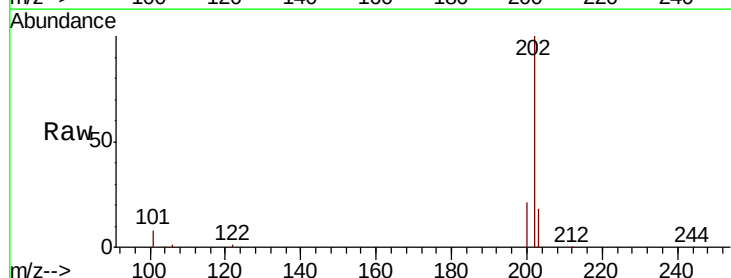
Tgt Ion:202 Resp: 109360

Ion Ratio Lower Upper

202 100

101 9.6 7.0 10.6

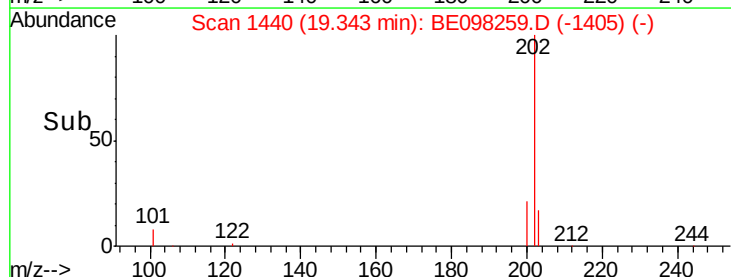
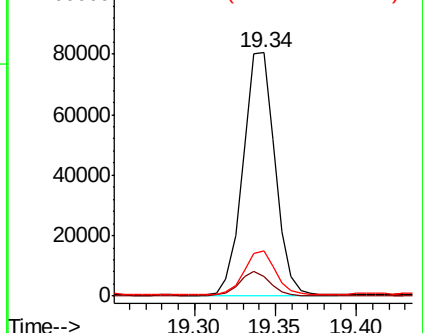
203 17.5 13.7 20.5

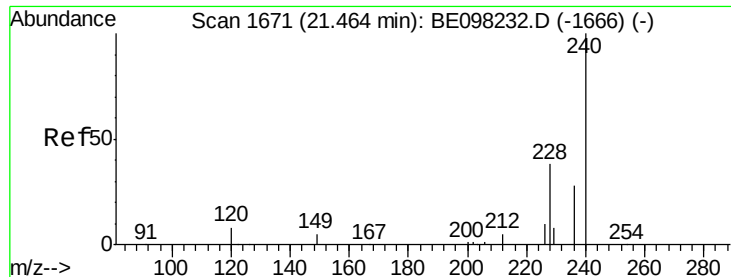


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1672

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

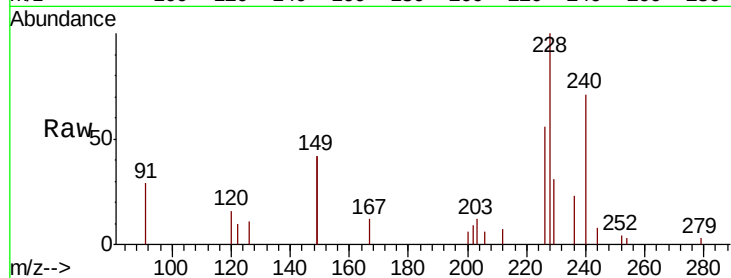
Tgt Ion:240 Resp: 11212

Ion Ratio Lower Upper

240 100

120 22.1 4.8 7.2#

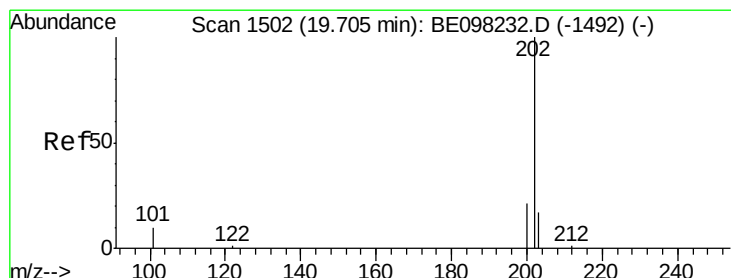
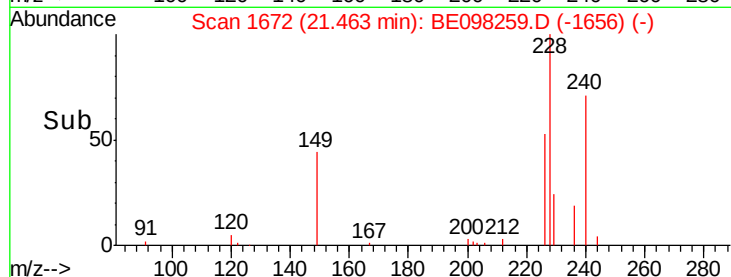
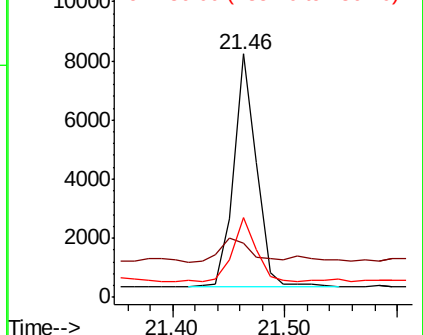
236 33.0 21.4 32.0#



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: 3.210 ng

RT: 19.70 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

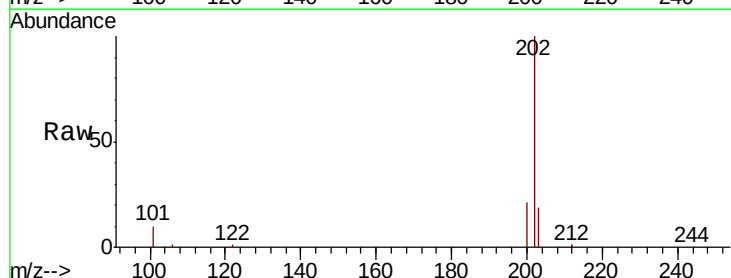
Tgt Ion:202 Resp: 105221

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

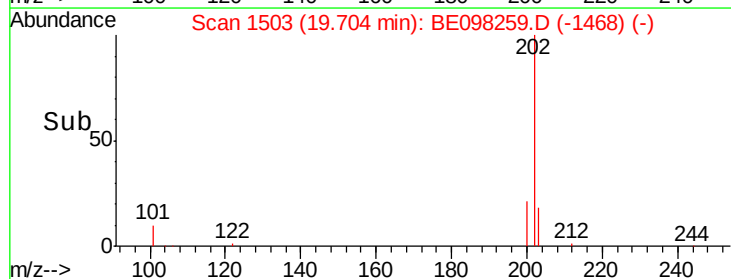
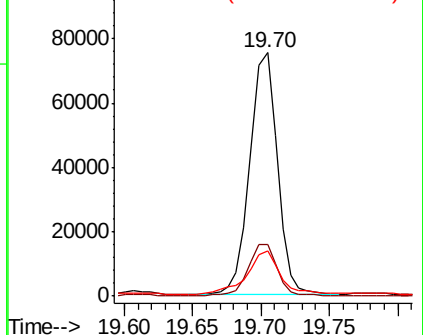
203 21.1 14.2 21.4

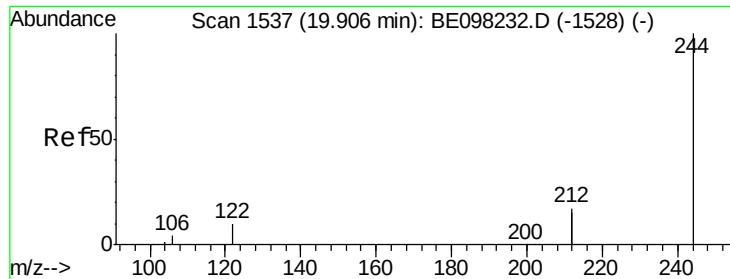


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.044 ng

RT: 19.91 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

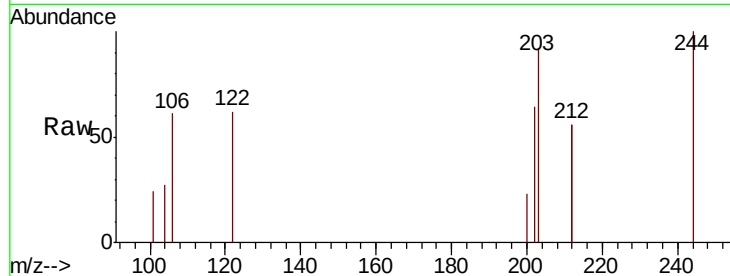
Tgt Ion:244 Resp: 1124

Ion Ratio Lower Upper

244 100

212 111.0 26.8 40.2#

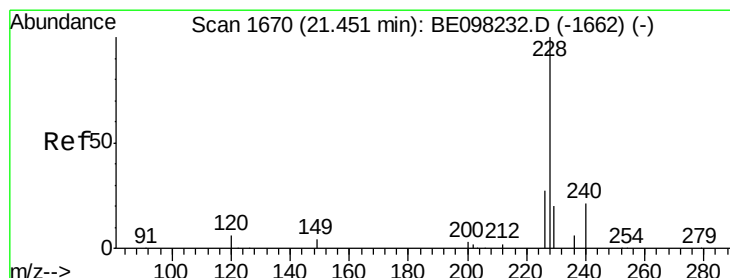
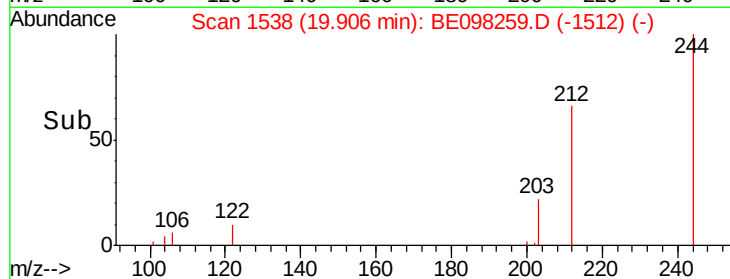
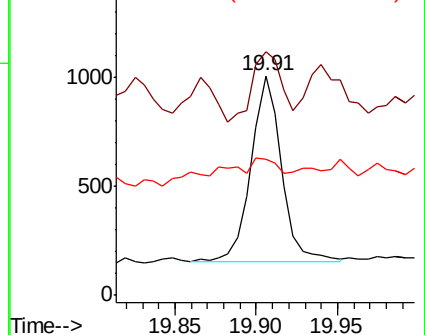
122 62.2 7.0 10.6#



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: 2.196 ng

RT: 21.45 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

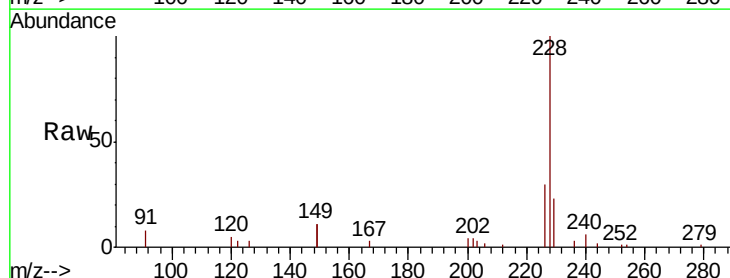
Tgt Ion:228 Resp: 71214

Ion Ratio Lower Upper

228 100

226 30.2 20.7 31.1

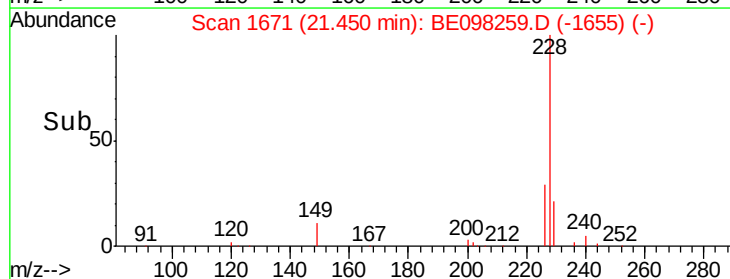
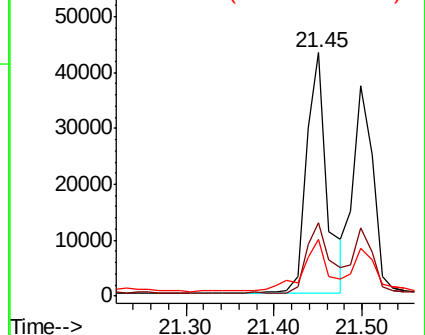
229 23.4 16.2 24.4

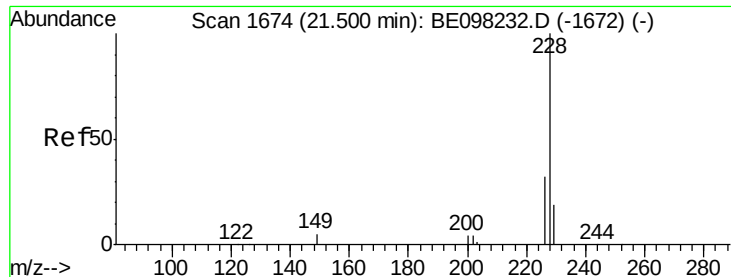


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.744 ng

RT: 21.50 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

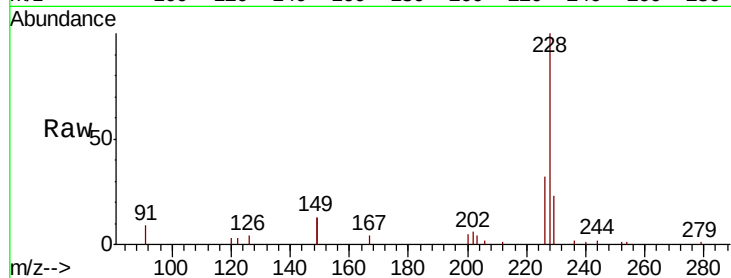
Tgt Ion:228 Resp: 58201

Ion Ratio Lower Upper

228 100

226 32.5 24.6 36.8

229 22.9 16.0 24.0

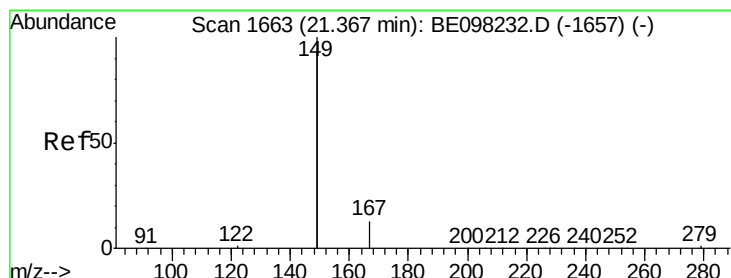
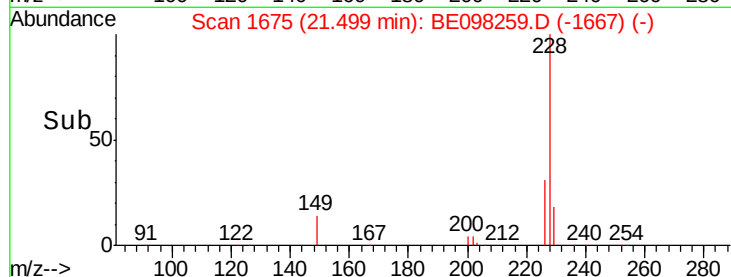
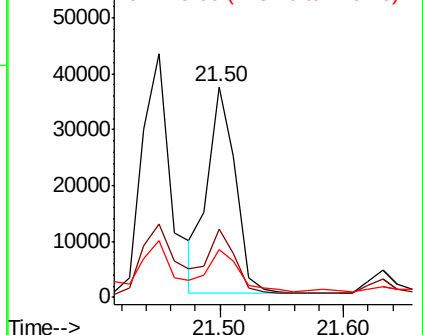


Abundance

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: 0.256 ng

RT: 21.37 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

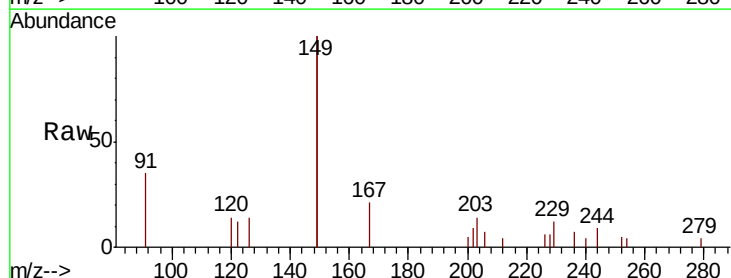
Tgt Ion:149 Resp: 12925

Ion Ratio Lower Upper

149 100

167 9.4 5.6 8.4#

279 1.1 0.9 1.3

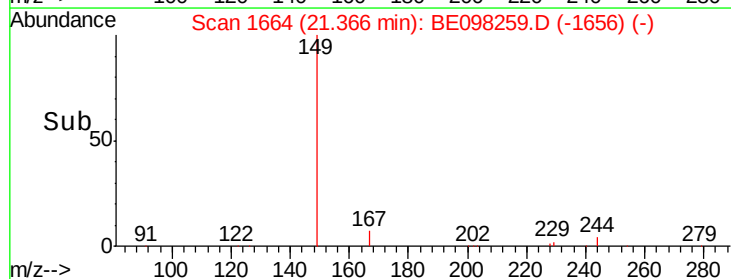
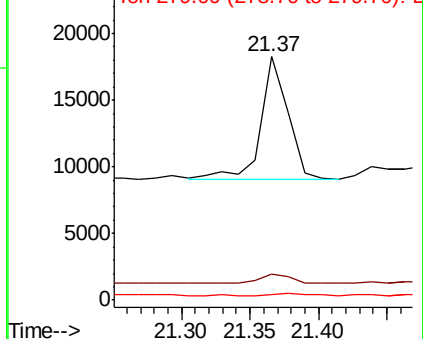


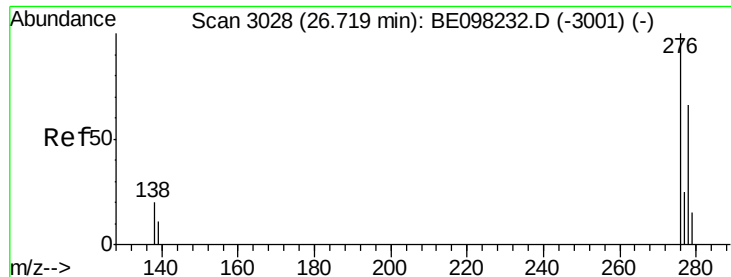
Abundance

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

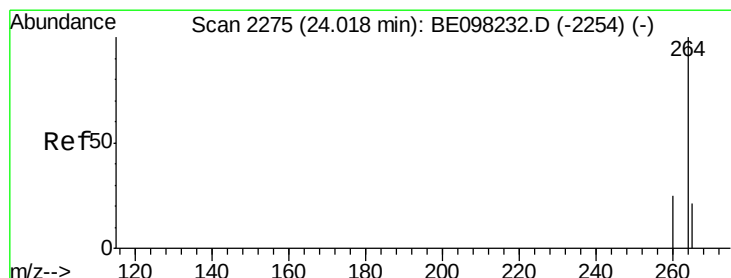
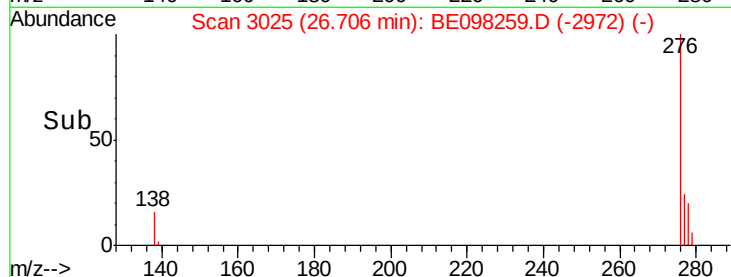
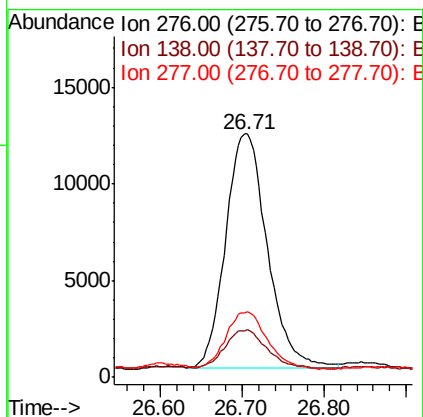
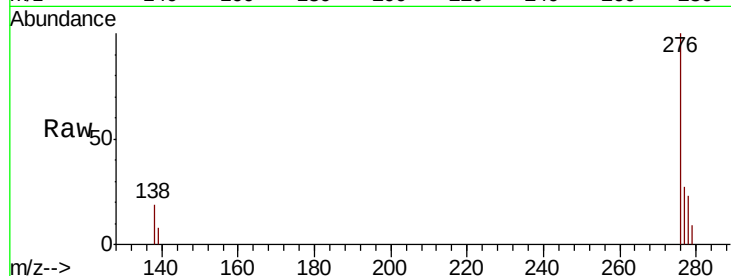




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.499 ng
 RT: 26.71 min Scan# 3025
 Delta R.T. -0.01 min
 Lab File: BE098259.D
 Acq: 21 Nov 2018 12:46

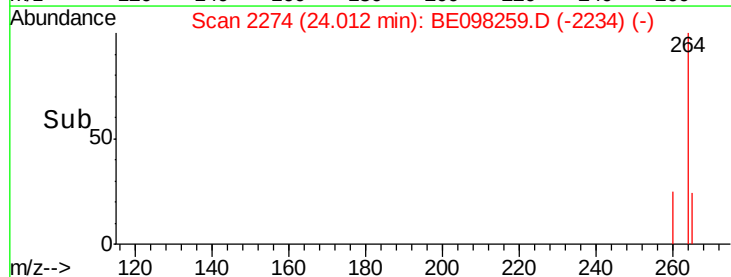
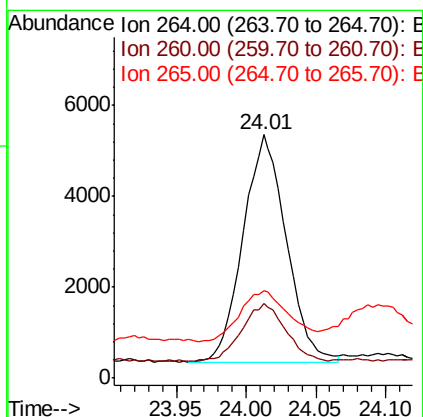
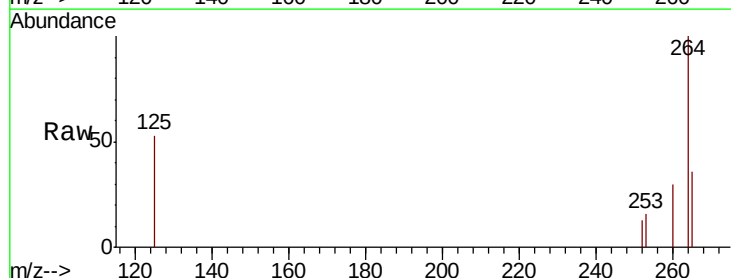
Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01R-C

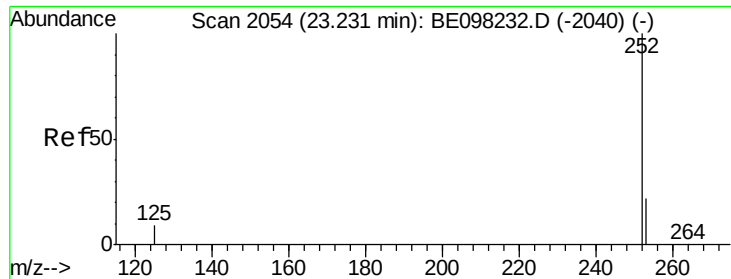
Tgt Ion: 276 Resp: 42834
 Ion Ratio Lower Upper
 276 100
 138 16.1 6.4 9.6#
 277 24.0 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BE098259.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 264 Resp: 10742
 Ion Ratio Lower Upper
 264 100
 260 30.4 19.9 29.9#
 265 36.1 21.3 31.9#

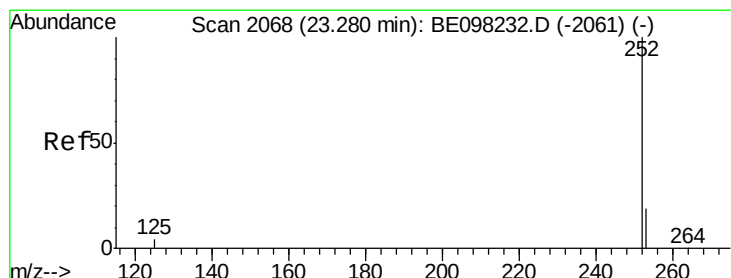
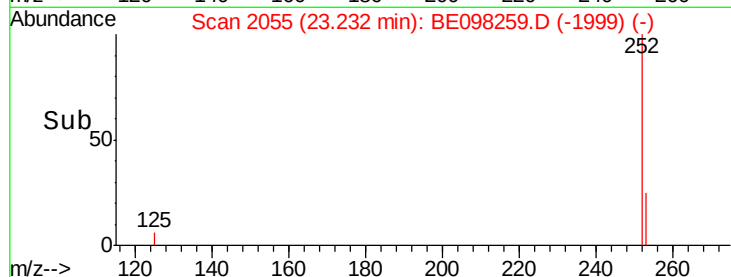
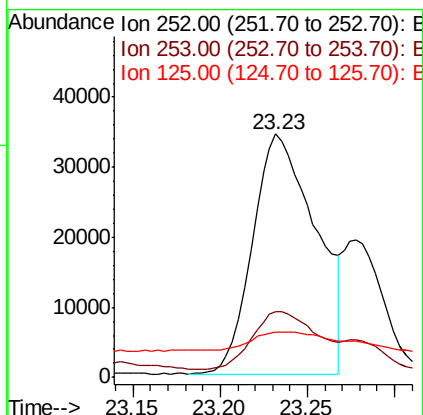
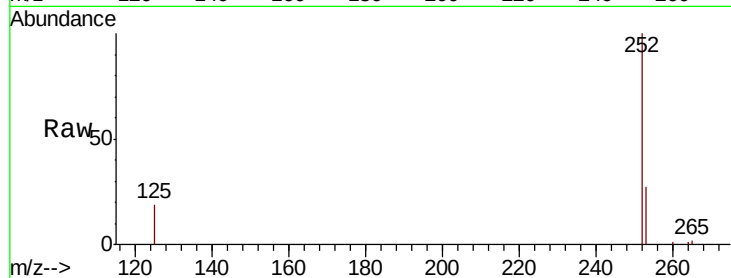




#35
Benzo(b)fluoranthene
Concen: 2.838 ng
RT: 23.23 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BE098259.D
Acq: 21 Nov 2018 12:46

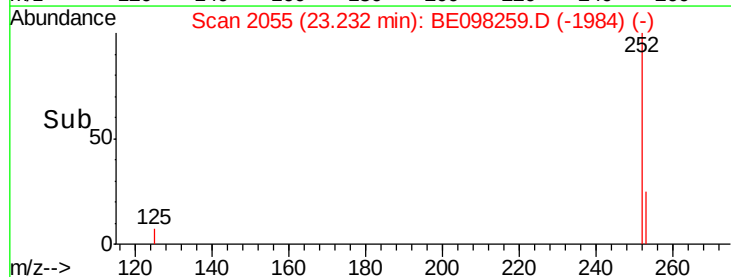
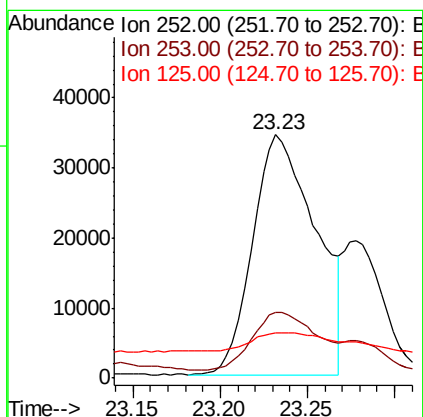
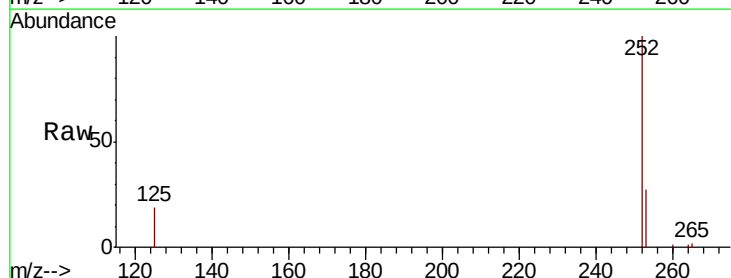
Instrument :
BNA_E
ClientSampleId :
AOC8-01R-C

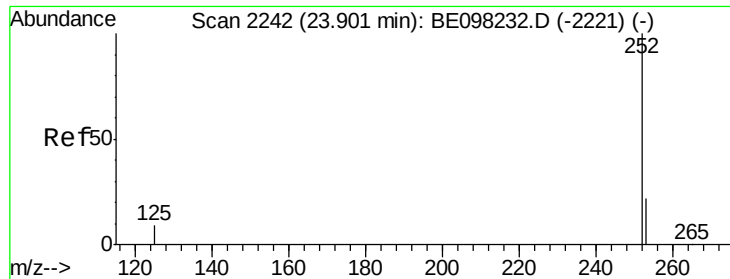
Tgt Ion:252 Resp: 86089
Ion Ratio Lower Upper
252 100
253 27.2 19.4 29.0
125 18.6 8.6 12.8#



#36
Benzo(k)fluoranthene
Concen: 2.513 ng
RT: 23.23 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BE098259.D
Acq: 21 Nov 2018 12:46

Tgt Ion:252 Resp: 86089
Ion Ratio Lower Upper
252 100
253 27.2 18.6 28.0
125 18.6 7.4 11.0#





#37

Benzo(a)pyrene

Concen: 2.138 ng

RT: 23.90 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C

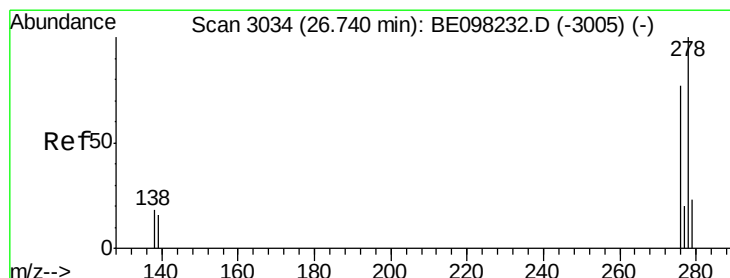
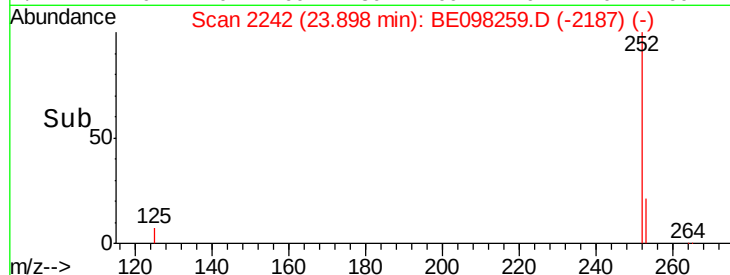
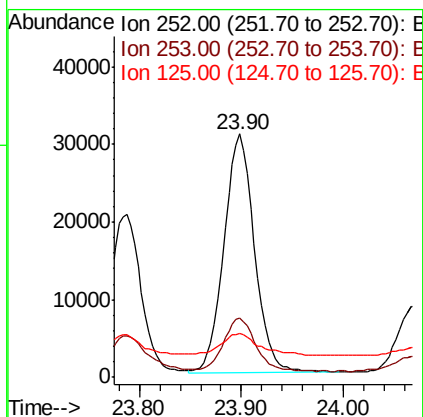
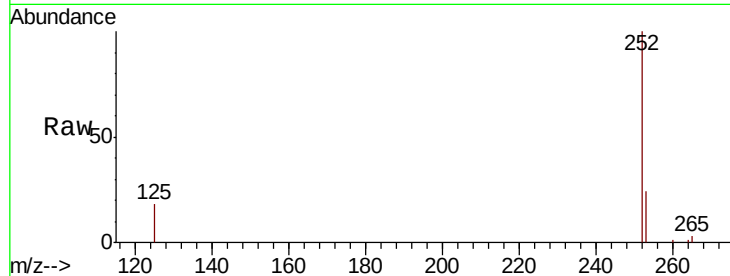
Tgt Ion: 252 Resp: 63690

Ion Ratio Lower Upper

252 100

253 24.3 18.6 27.8

125 18.0 8.0 12.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.462 ng

RT: 26.71 min Scan# 3027

Delta R.T. -0.03 min

Lab File: BE098259.D

Acq: 21 Nov 2018 12:46

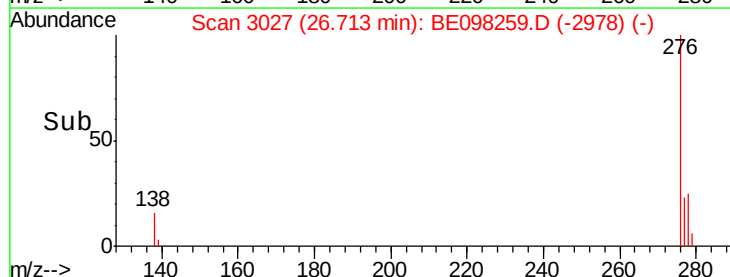
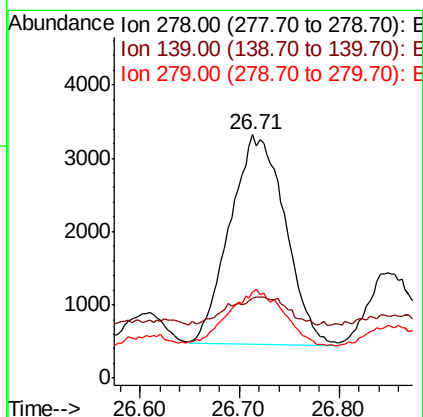
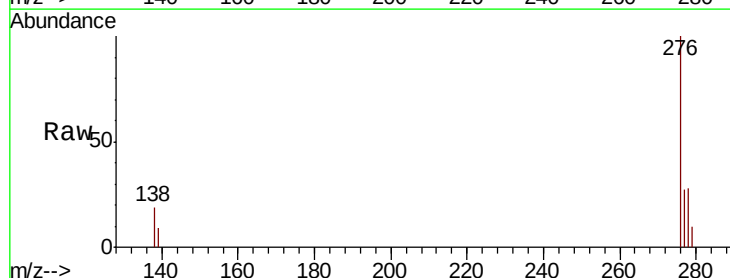
Tgt Ion: 278 Resp: 11032

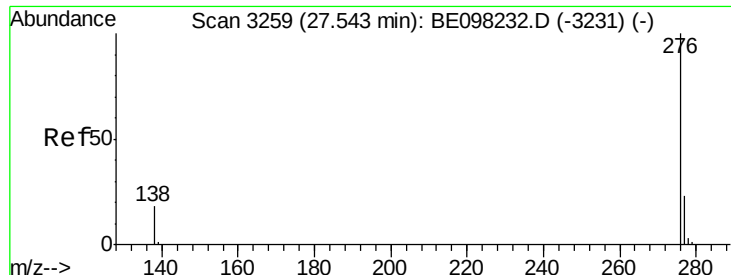
Ion Ratio Lower Upper

278 100

139 32.9 16.4 24.6#

279 35.2 21.3 31.9#





#39

Benzo(g,h,i)perylene

Concen: 1.632 ng

RT: 27.53 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BE098259.D

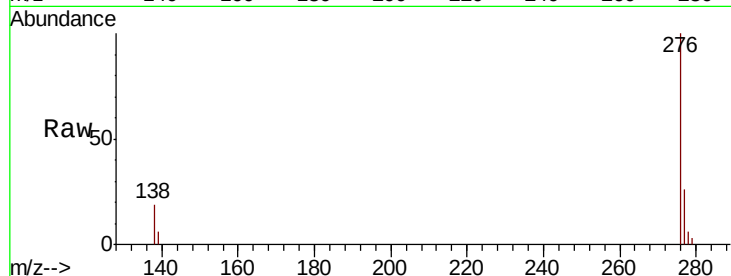
Acq: 21 Nov 2018 12:46

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-C



Tgt Ion: 276 Resp: 41957

Ion Ratio Lower Upper

276 100

277 25.9 20.4 30.6

138 18.6 13.2 19.8

