

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112118\
 Data File : BE098264.D
 Acq On : 21 Nov 2018 16:24
 Operator : SJ/JU
 Sample : J5996-07DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01R-CDL

Quant Time: Nov 21 17:21:54 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	1517	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7162	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4563	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10152	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11275	0.40	ng	0.00
34) Perylene-d12	24.02	264	10849	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	135	0.03	ng	0.00
5) Phenol-d6	7.04	99	223	0.03	ng	0.00
8) Nitrobenzene-d5	9.03	82	193	0.03	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	472	0.04	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	57	0.04	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	463	0.02	ng	0.01
25) Fluoranthene-d10	19.31	212	2951	0.02	ng	0.00
29) Terphenyl-d14	19.91	244	726	0.03	ng	0.00

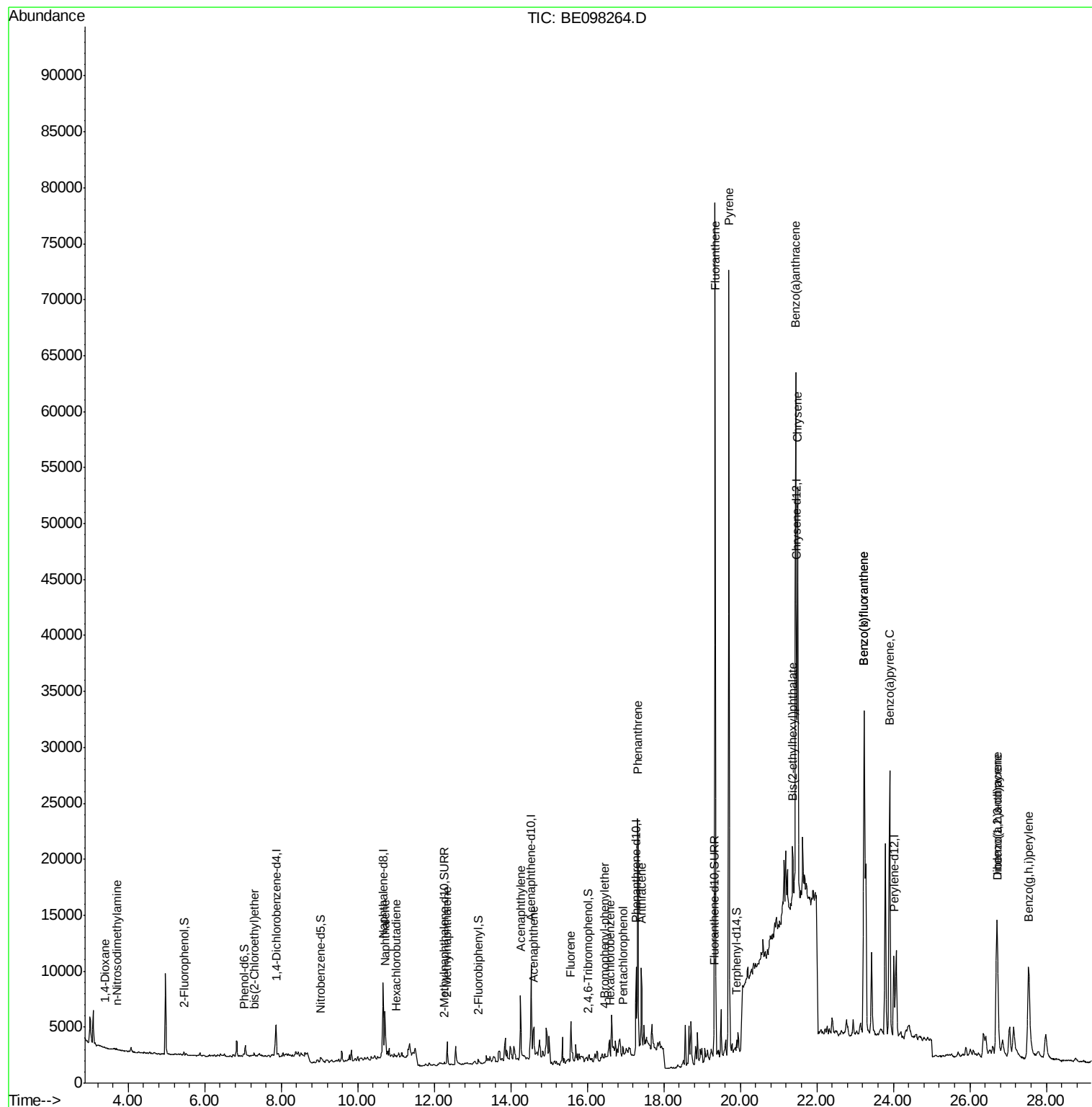
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	65	0.027	ng	# 55
3) n-Nitrosodimethylamine	3.70	42	103	0.038	ng	# 82
6) bis(2-Chloroethyl)ether	7.30	93	142	0.026	ng	99
9) Naphthalene	10.72	128	7106	0.097	ng	# 97
10) Hexachlorobutadiene	11.00	225	87	0.020	ng	87
12) 2-Methylnaphthalene	12.34	142	1433	0.112	ng	94
16) Acenaphthylene	14.25	152	7185	0.331	ng	98
17) Acenaphthene	14.60	154	1340	0.103	ng	92
18) Fluorene	15.57	166	3305	0.200	ng	# 88
20) 4-Bromophenyl-phenylether	16.47	248	190	0.030	ng	# 34
21) Hexachlorobenzene	16.59	284	132	0.020	ng	# 31
22) Pentachlorophenol	16.94	266	99	0.178	ng	# 82
23) Phenanthrene	17.32	178	24392	0.934	ng	98
24) Anthracene	17.41	178	8353	0.352	ng	98
26) Fluoranthene	19.34	202	65502	2.090	ng	99
28) Pyrene	19.70	202	62510	1.897	ng	96
30) Benzo(a)anthracene	21.45	228	44735	1.372	ng	93
31) Chrysene	21.50	228	37233	1.109	ng	95
32) Bis(2-ethylhexyl)phthalate	21.37	149	7304	0.144	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.71	276	26521	0.923	ng	# 92
35) Benzo(b)fluoranthene	23.24	252	54017	1.763	ng	# 92
36) Benzo(k)fluoranthene	23.24	252	54017	1.561	ng	# 89
37) Benzo(a)pyrene	23.90	252	40212	1.337	ng	# 91
38) Dibenzo(a,h)anthracene	26.72	278	6667	0.277	ng	# 67
39) Benzo(g,h,i)perylene	27.54	276	24804	0.955	ng	# 92

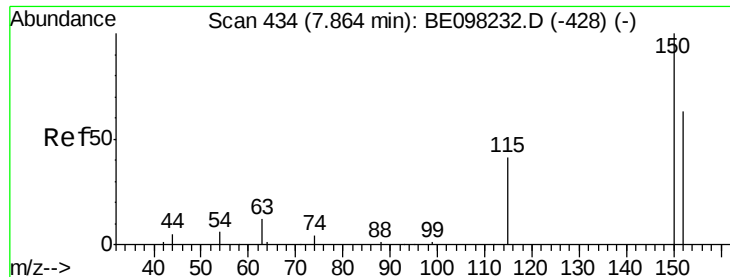
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

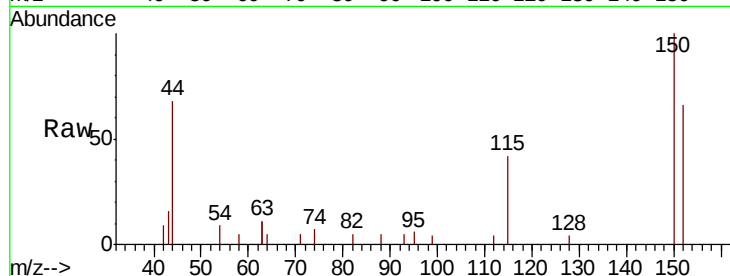
Tgt Ion: 152 Resp: 1517

Ion Ratio Lower Upper

152 100

150 150.4 127.5 191.3

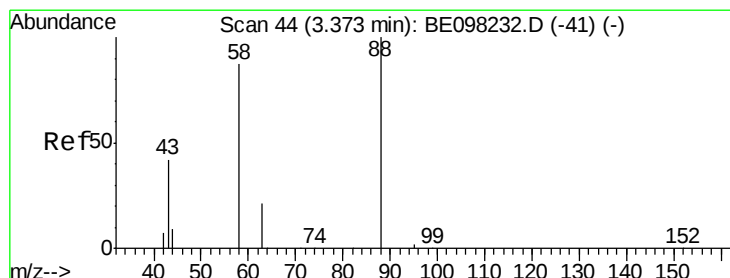
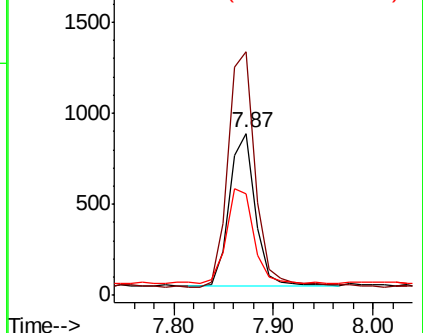
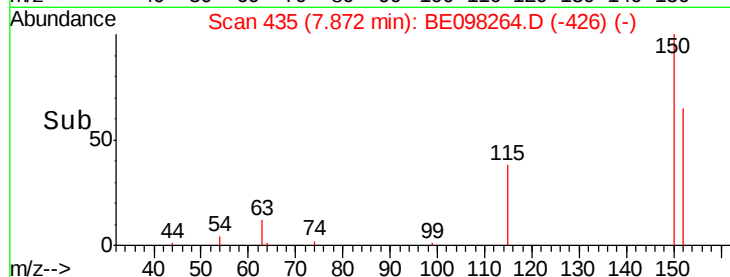
115 62.8 60.3 90.5



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: 0.027 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

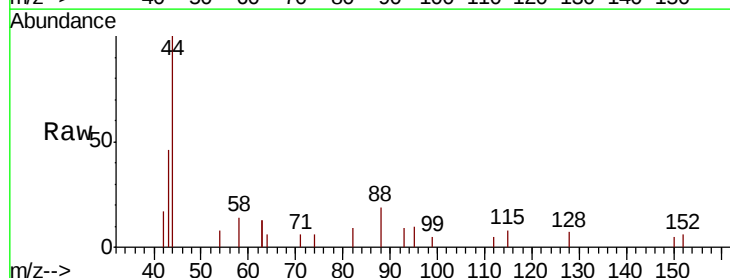
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

58 66.2 79.0 118.4#

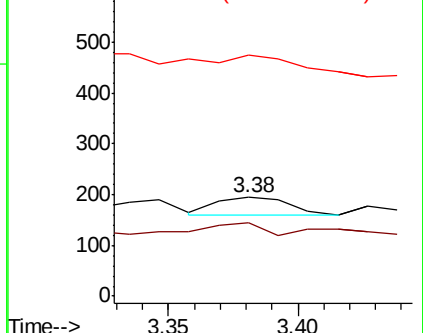
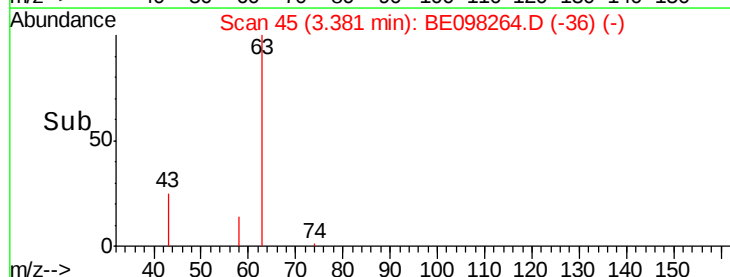
43 0.0 38.1 57.1#

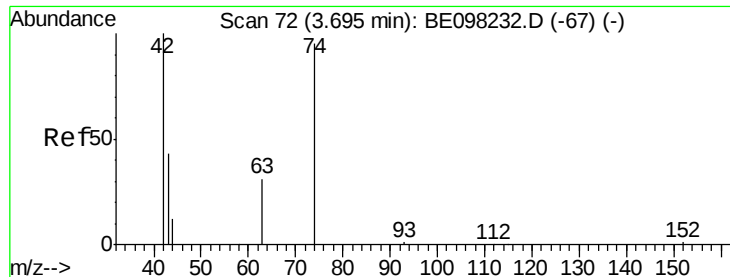


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



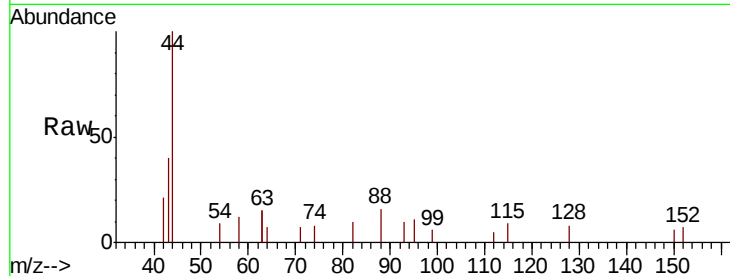


#3

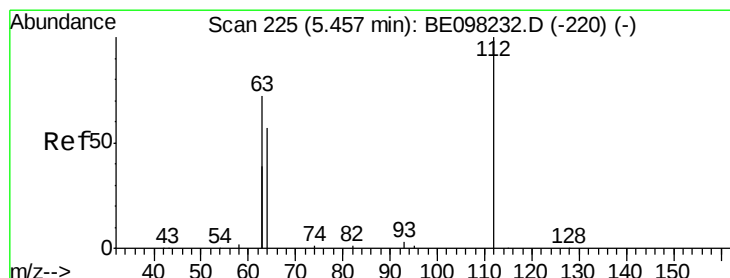
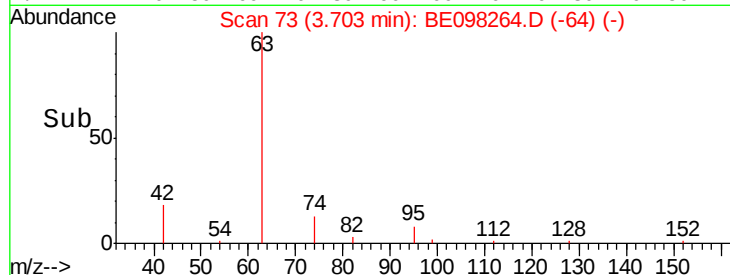
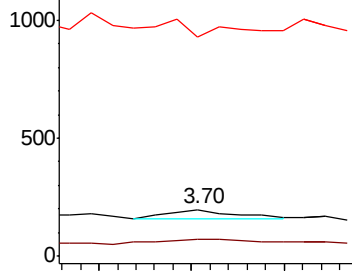
n-Nitrosodimethylamine
 Concen: 0.038 ng
 RT: 3.70 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098264.D
 Acq: 21 Nov 2018 16:24

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-01R-CDL

Tgt Ion: 42 Resp: 103
 Ion Ratio Lower Upper
 42 100
 74 66.0 61.7 92.5
 44 0.0 14.0 21.0#



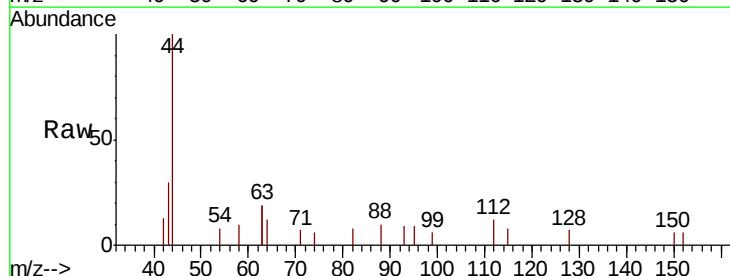
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



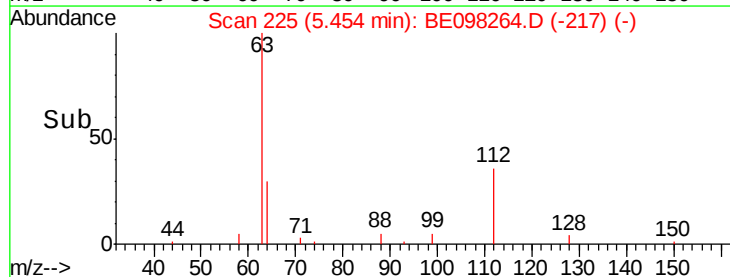
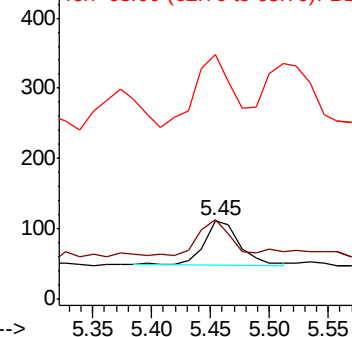
#4

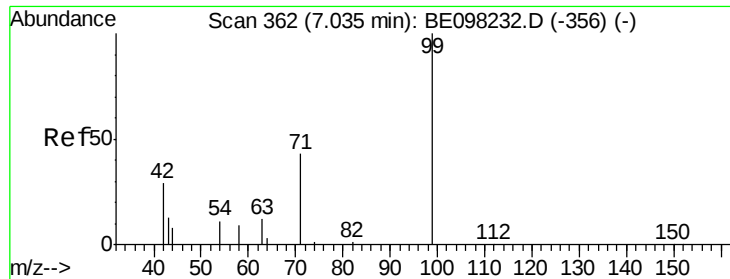
2-Fluorophenol
 Concen: 0.033 ng
 RT: 5.45 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098264.D
 Acq: 21 Nov 2018 16:24

Tgt Ion: 112 Resp: 135
 Ion Ratio Lower Upper
 112 100
 64 68.9 61.7 92.5
 63 166.7 136.2 204.2



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: 0.035 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

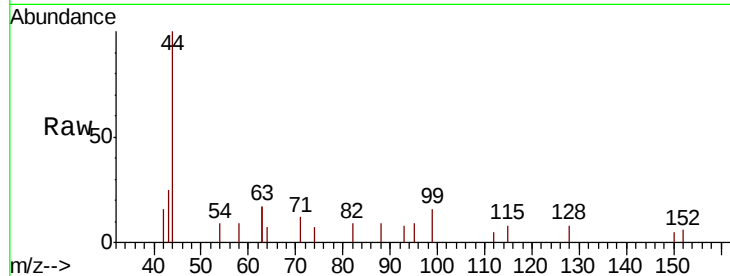
Tgt Ion: 99 Resp: 223

Ion Ratio Lower Upper

99 100

42 96.9 27.1 40.7#

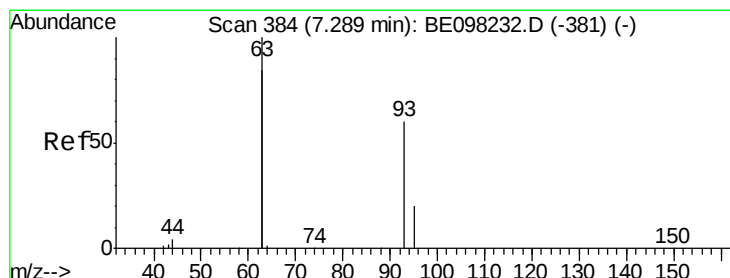
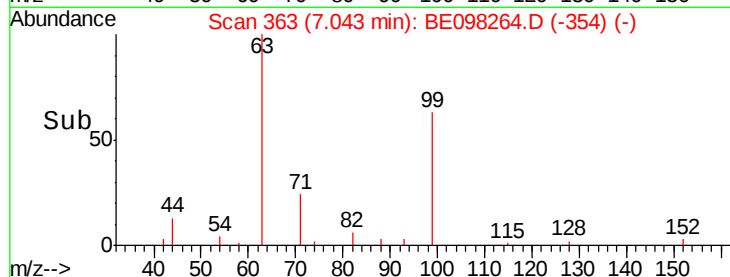
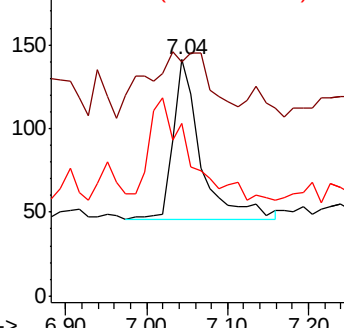
71 0.0 37.0 55.6#



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: 0.026 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

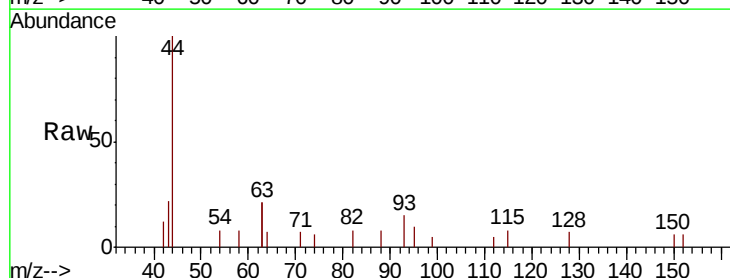
Tgt Ion: 93 Resp: 142

Ion Ratio Lower Upper

93 100

63 339.4 272.6 409.0

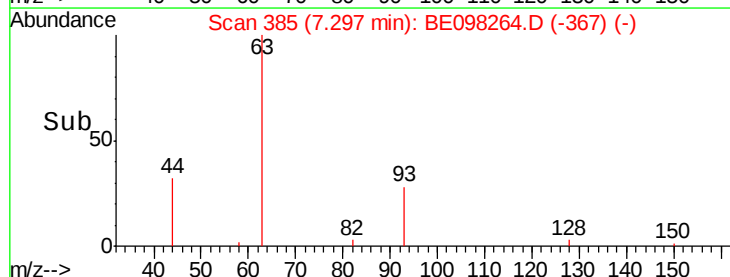
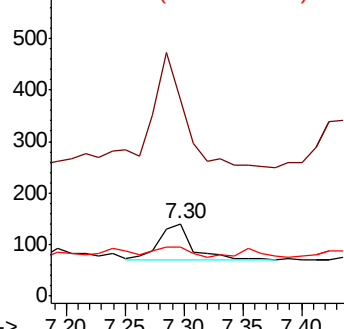
95 29.6 27.1 40.7

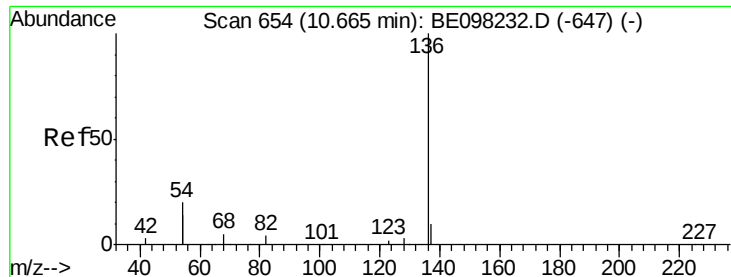


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

Tgt Ion: 136 Resp: 7162

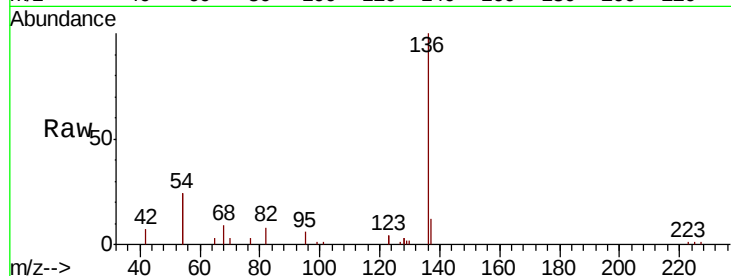
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 47.7 31.3 46.9#

68 8.9 4.8 7.2#

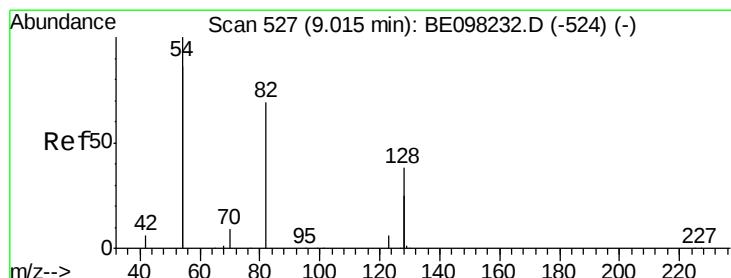
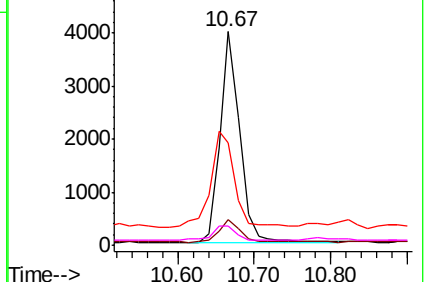
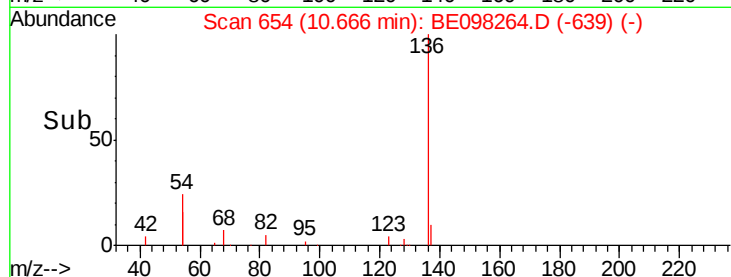


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.029 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

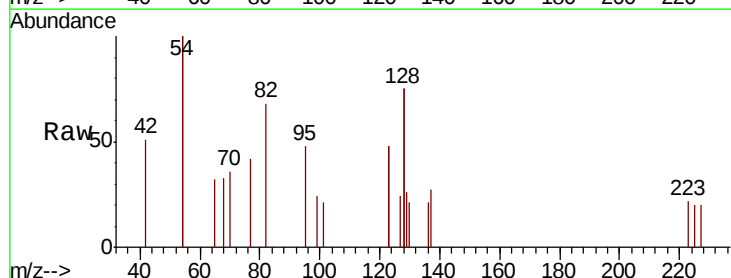
Tgt Ion: 82 Resp: 193

Ion Ratio Lower Upper

82 100

128 221.8 96.1 144.1#

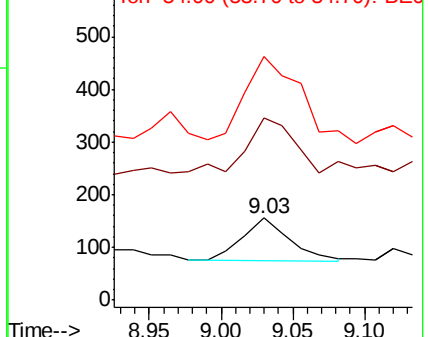
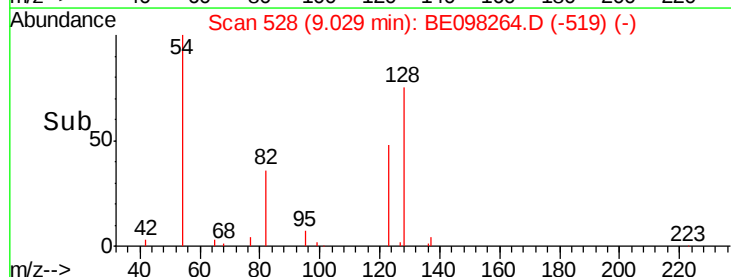
54 296.2 232.0 348.0

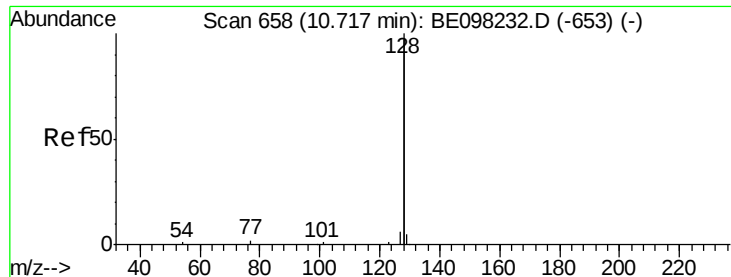


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.097 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

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ClientSampleId :

AOC8-01R-CDL

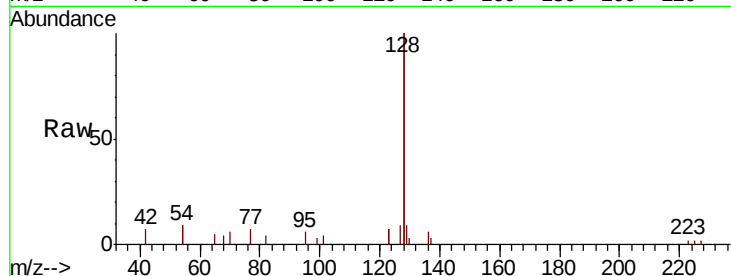
Tgt Ion:128 Resp: 7106

Ion Ratio Lower Upper

128 100

129 4.3 2.6 4.0#

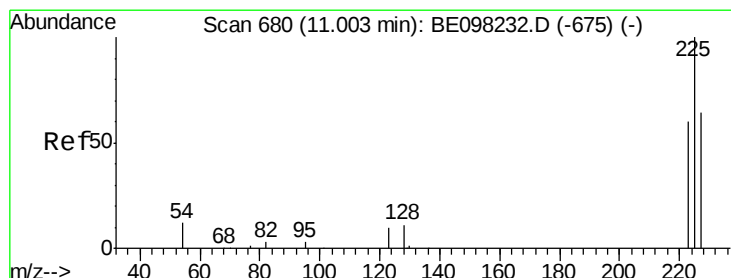
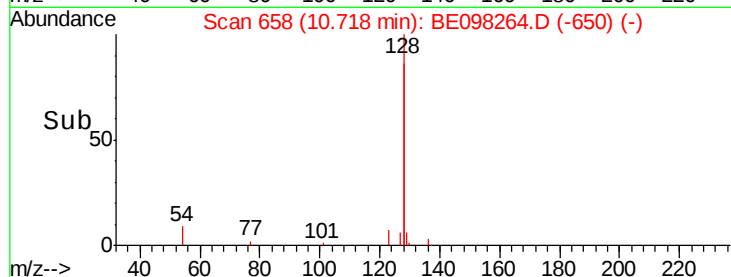
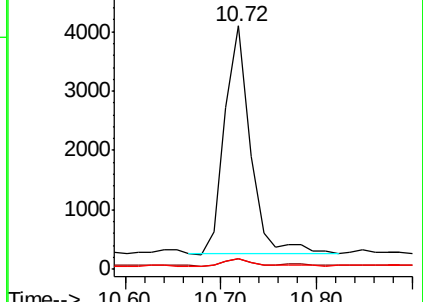
127 4.6 2.8 4.2#



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: 0.020 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

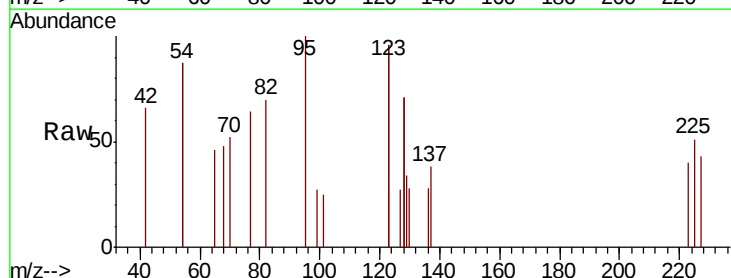
Tgt Ion:225 Resp: 87

Ion Ratio Lower Upper

225 100

223 71.3 50.5 75.7

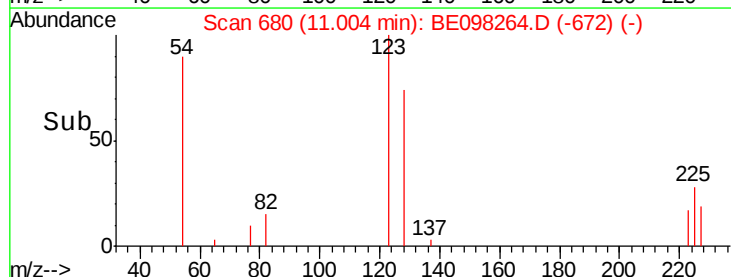
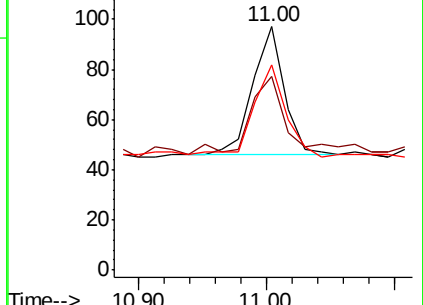
227 74.7 50.3 75.5

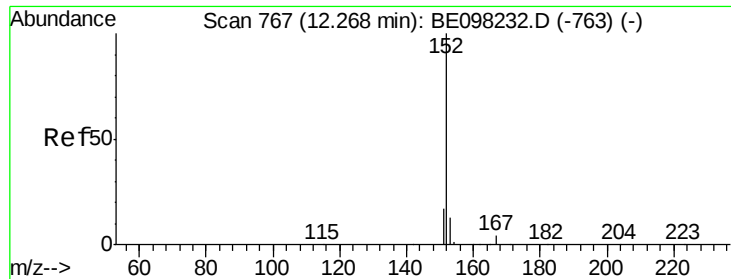


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

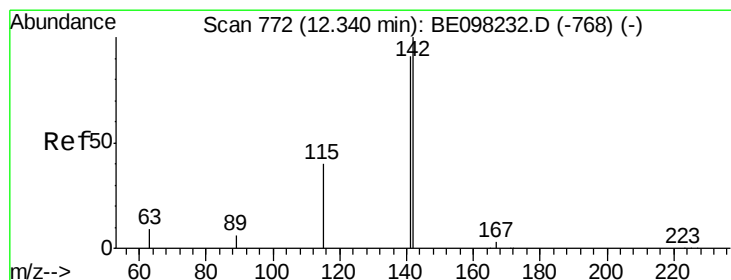
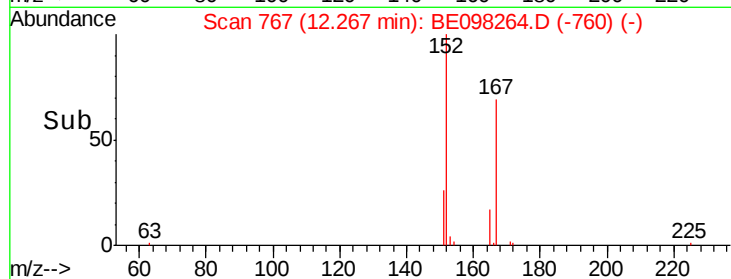
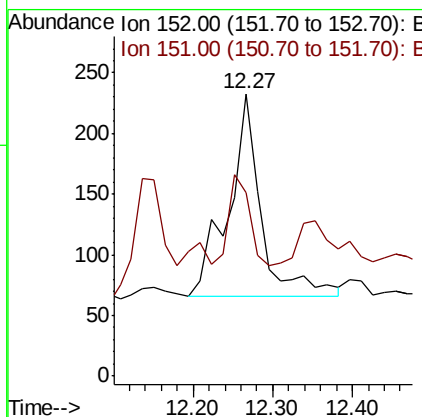
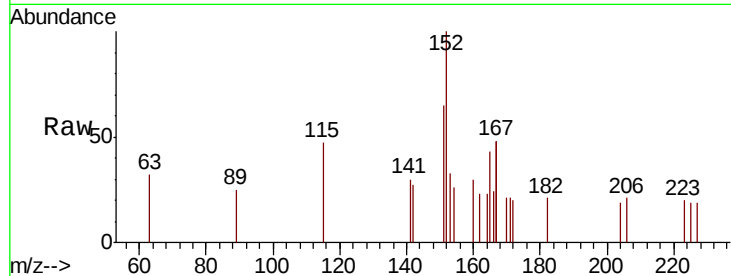




#11
 2-Methylnaphthalene-d10
 Concen: 0.038 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098264.D
 Acq: 21 Nov 2018 16:24

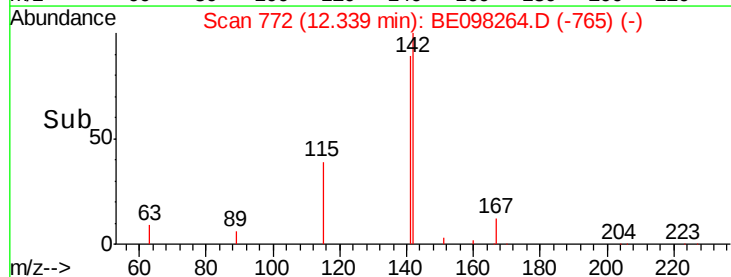
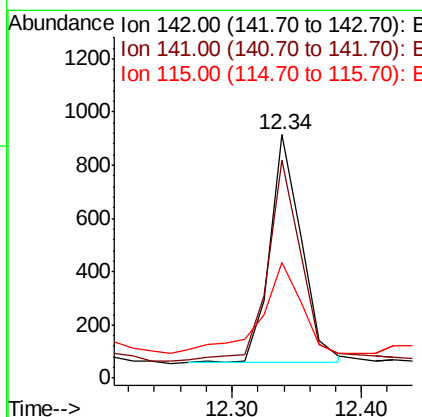
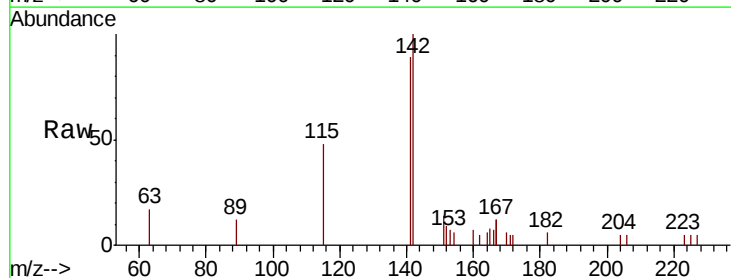
Instrument :
 BNA_E
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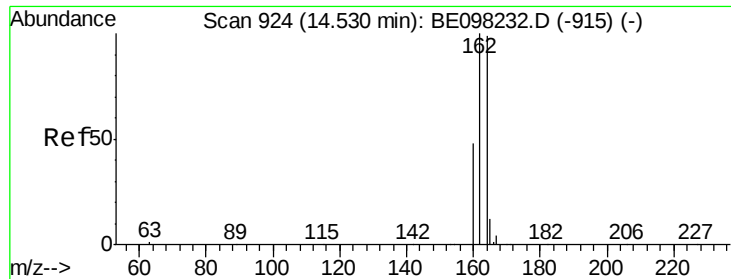
Tgt Ion:152 Resp: 472
 Ion Ratio Lower Upper
 152 100
 151 28.2 15.4 23.2#



#12
 2-Methylnaphthalene
 Concen: 0.112 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098264.D
 Acq: 21 Nov 2018 16:24

Tgt Ion:142 Resp: 1433
 Ion Ratio Lower Upper
 142 100
 141 89.4 76.3 114.5
 115 47.5 35.8 53.8

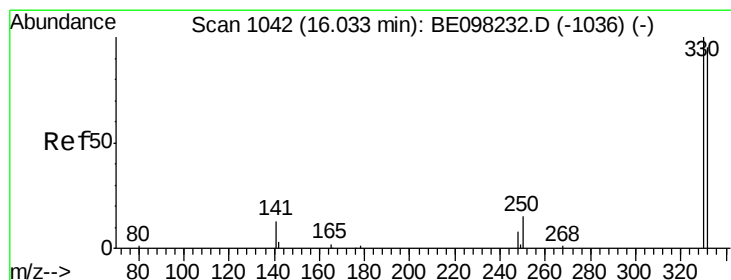
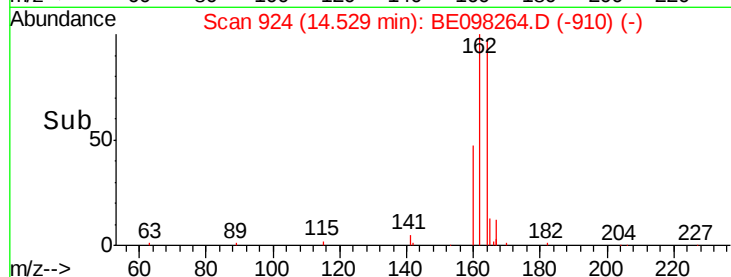
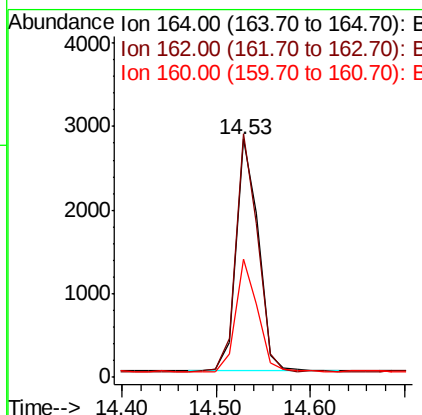
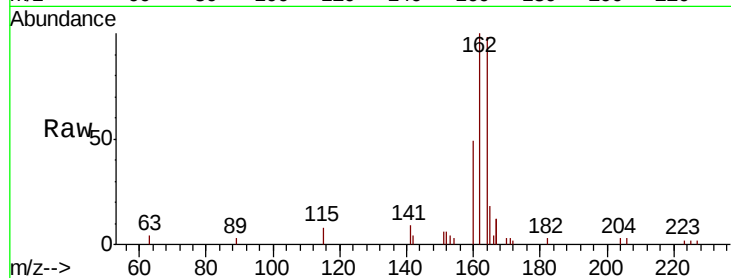




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098264.D
Acq: 21 Nov 2018 16:24

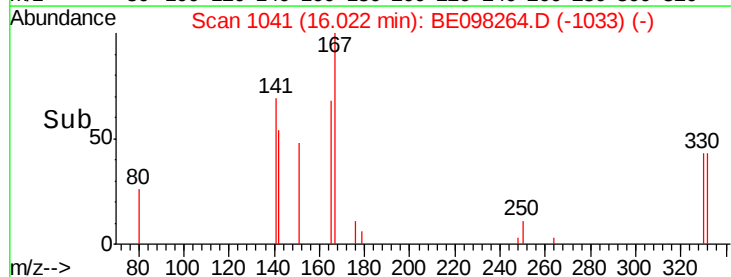
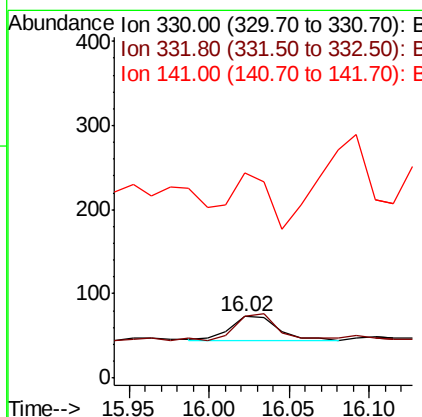
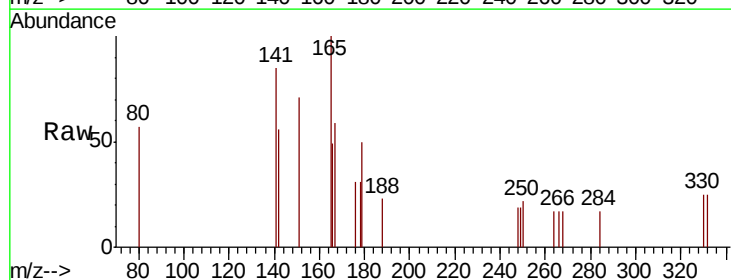
Instrument :
BNA_E
ClientSampleId :
AOC8-01R-CDL

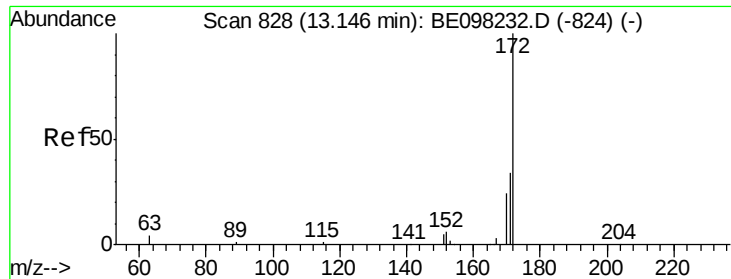
Tgt Ion:164 Resp: 4563
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 49.7 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.039 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098264.D
Acq: 21 Nov 2018 16:24

Tgt Ion:330 Resp: 57
Ion Ratio Lower Upper
330 100
332 108.8 77.7 116.5
141 189.5 33.6 50.4#

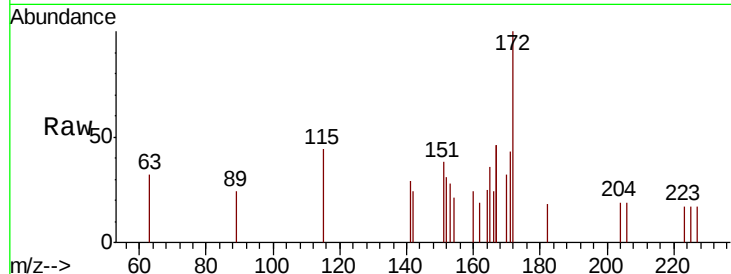




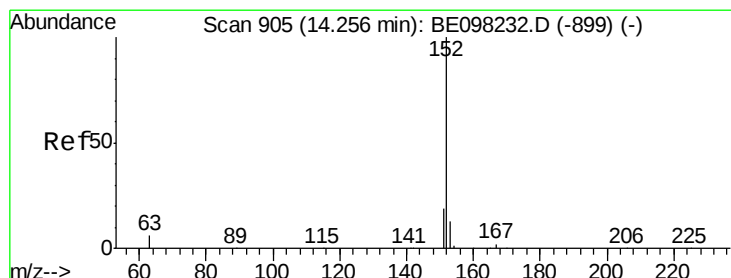
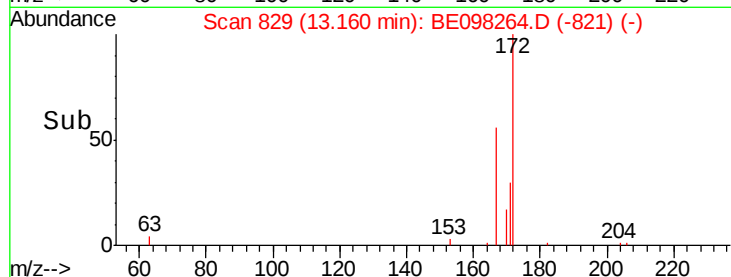
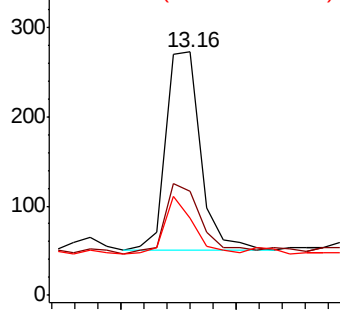
#15
2-Fluorobiphenyl
Concen: 0.023 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098264.D
Acq: 21 Nov 2018 16:24

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-CDL

Tgt Ion:172 Resp: 463
Ion Ratio Lower Upper
172 100
171 42.6 27.3 40.9#
170 32.0 19.4 29.0#

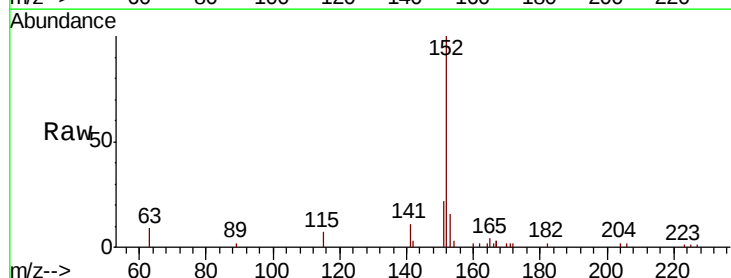


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

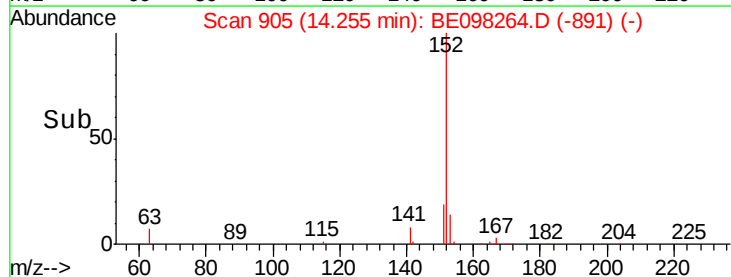
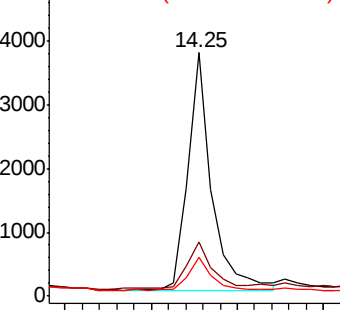


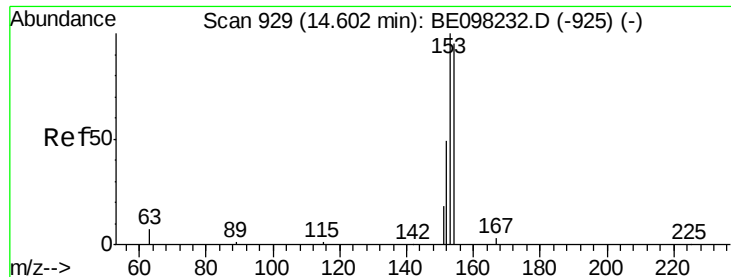
#16
Acenaphthylene
Concen: 0.331 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098264.D
Acq: 21 Nov 2018 16:24

Tgt Ion:152 Resp: 7185
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.7 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

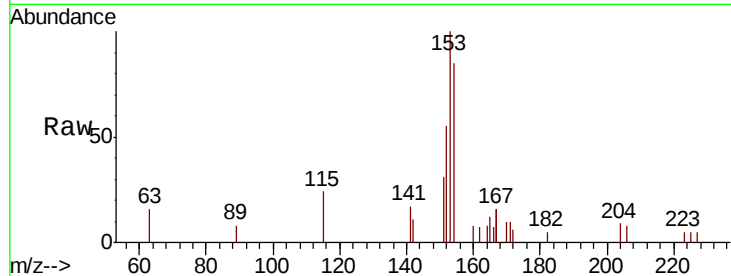




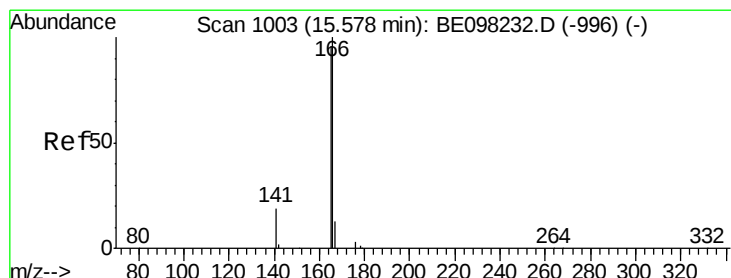
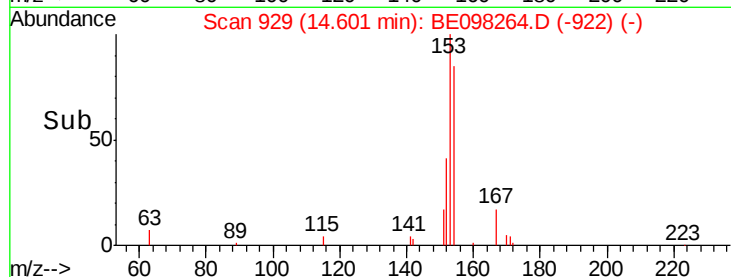
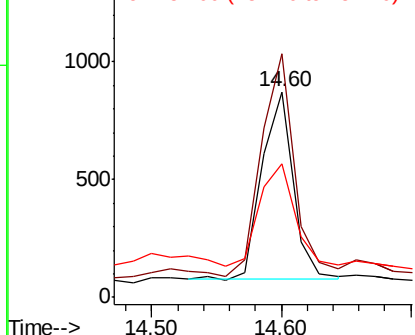
#17
Acenaphthene
Concen: 0.103 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098264.D
Acq: 21 Nov 2018 16:24

Instrument :
BNA_E
ClientSampleId :
AOC8-01R-CDL

Tgt Ion:154 Resp: 1340
Ion Ratio Lower Upper
154 100
153 124.4 92.1 138.1
152 62.4 46.2 69.2

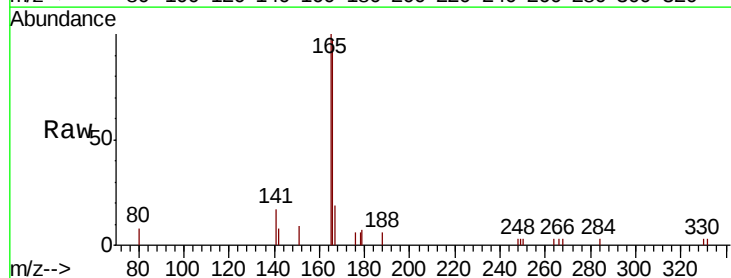


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

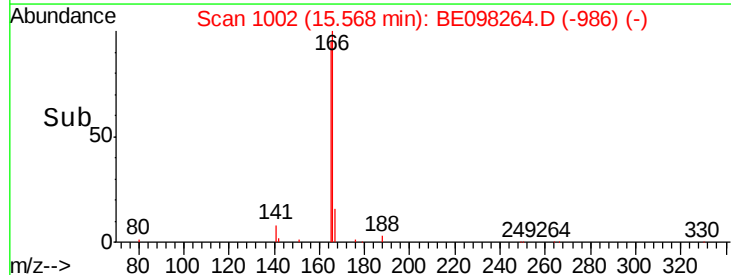
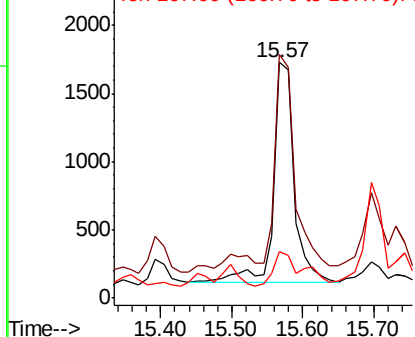


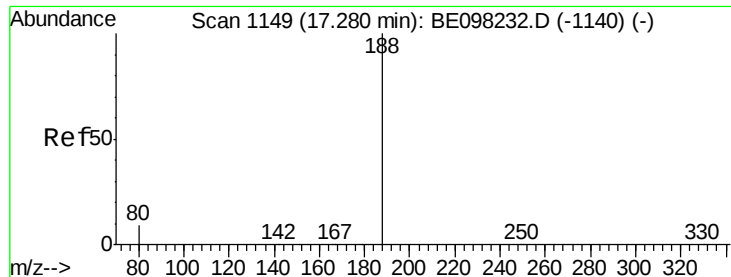
#18
Fluorene
Concen: 0.200 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE098264.D
Acq: 21 Nov 2018 16:24

Tgt Ion:166 Resp: 3305
Ion Ratio Lower Upper
166 100
165 89.0 80.1 120.1
167 21.7 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: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

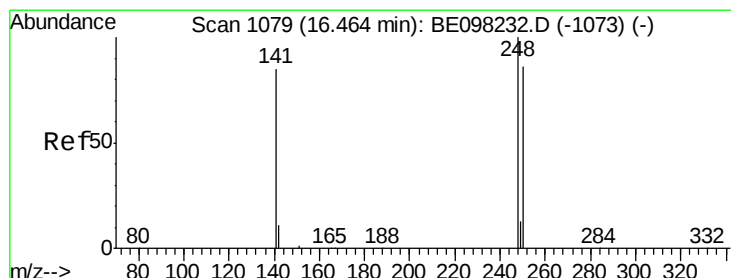
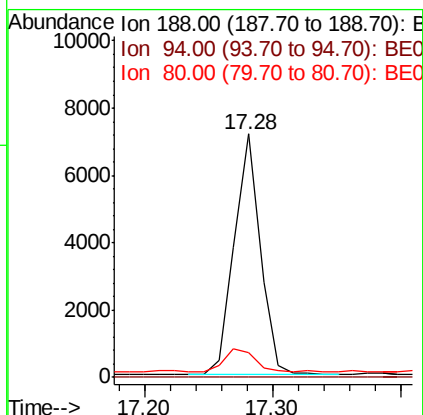
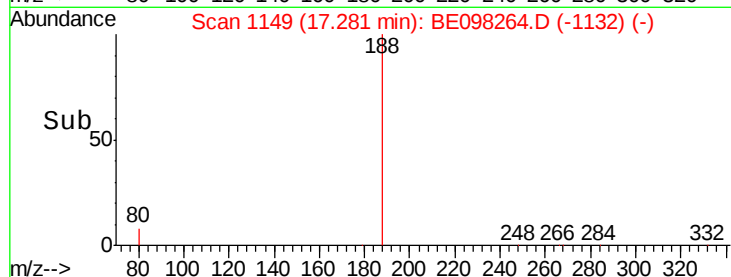
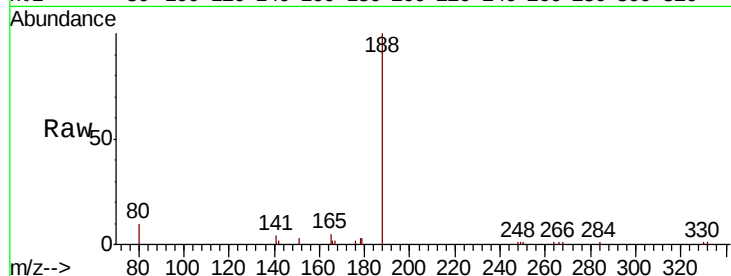
Tgt Ion:188 Resp: 10152

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.030 ng

RT: 16.47 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

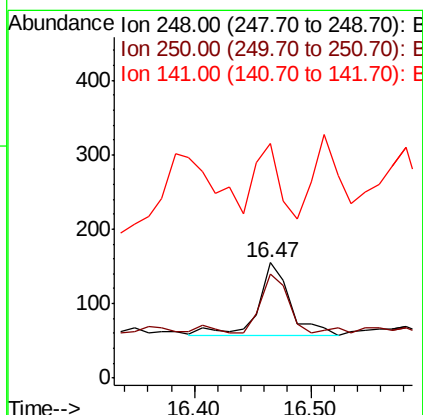
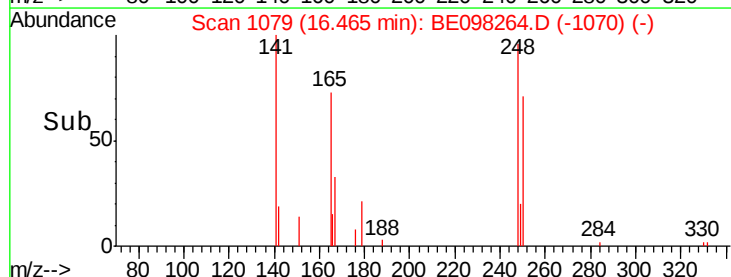
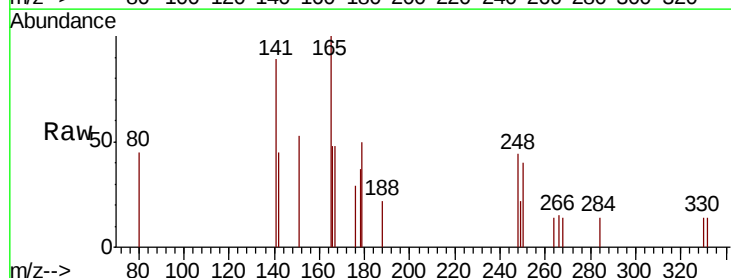
Tgt Ion:248 Resp: 190

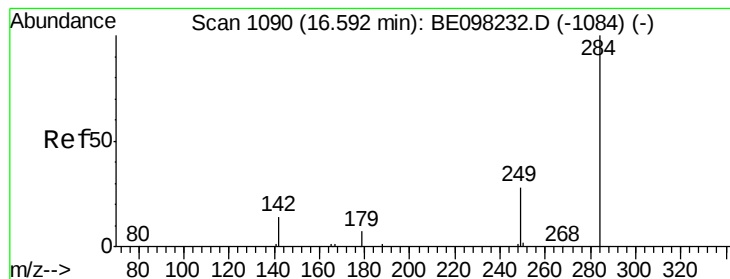
Ion Ratio Lower Upper

248 100

250 90.3 77.6 116.4

141 203.2 65.8 98.8#





#21

Hexachlorobenzene

Concen: 0.020 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

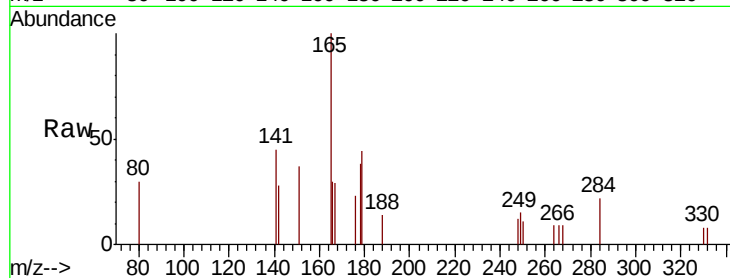
Tgt Ion:284 Resp: 132

Ion Ratio Lower Upper

284 100

142 97.7 26.5 39.7#

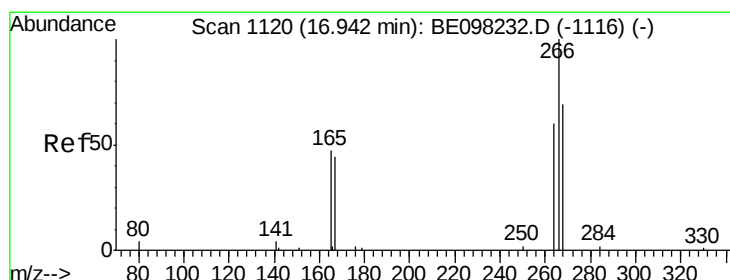
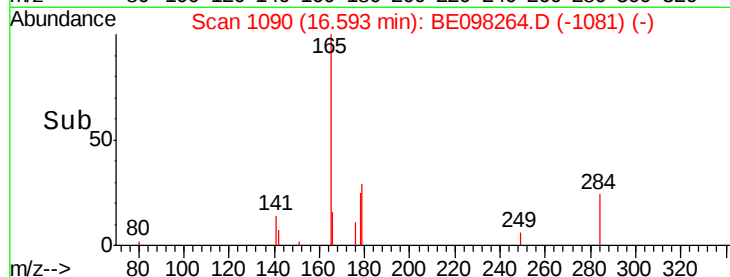
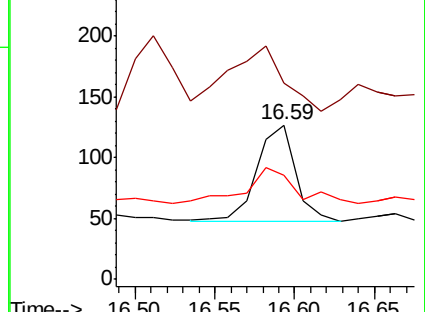
249 50.8 28.4 42.6#



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: 0.178 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

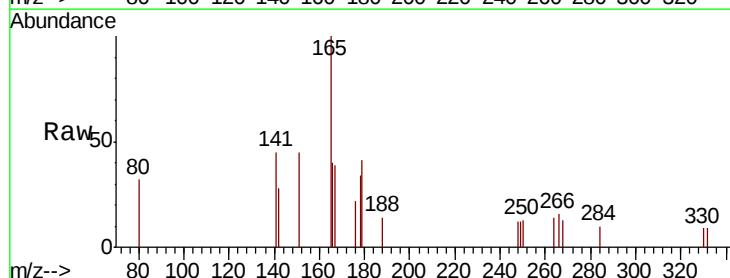
Tgt Ion:266 Resp: 99

Ion Ratio Lower Upper

266 100

264 89.9 57.6 86.4#

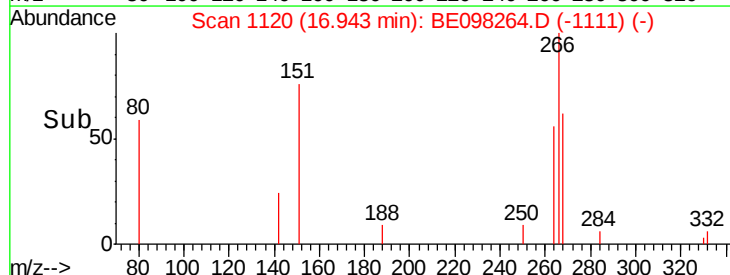
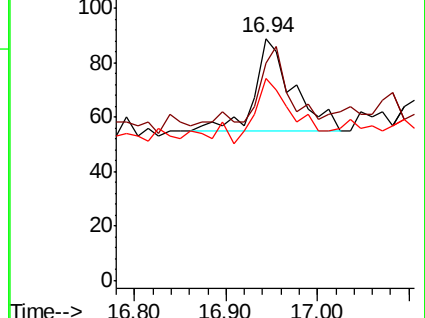
268 83.1 56.8 85.2

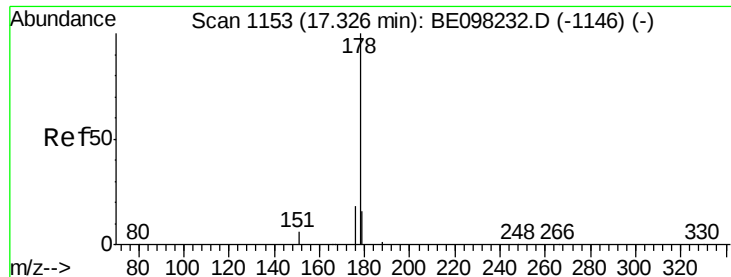


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.934 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

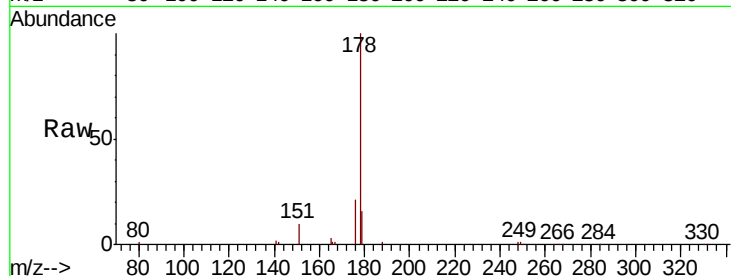
Tgt Ion:178 Resp: 24392

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

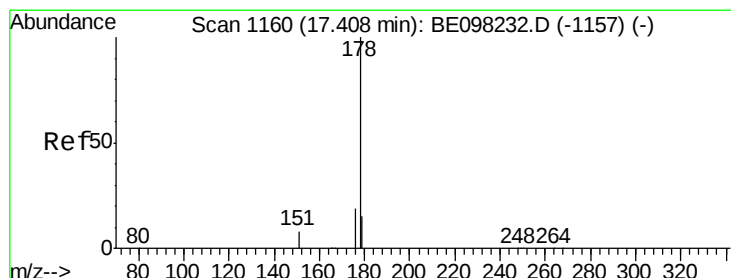
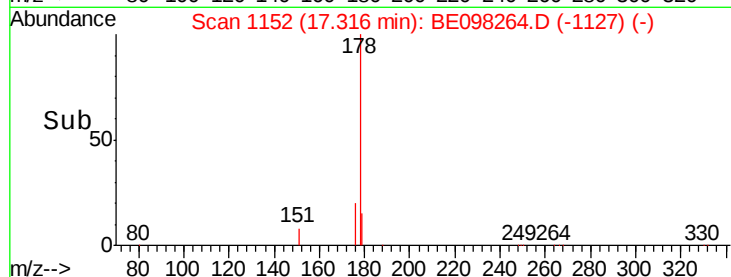
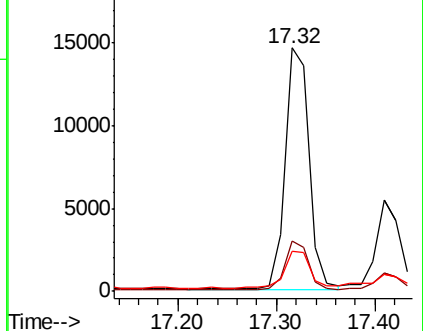
179 16.8 12.3 18.5



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: 0.352 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

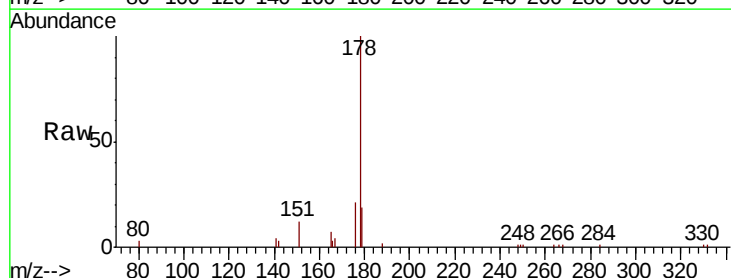
Tgt Ion:178 Resp: 8353

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

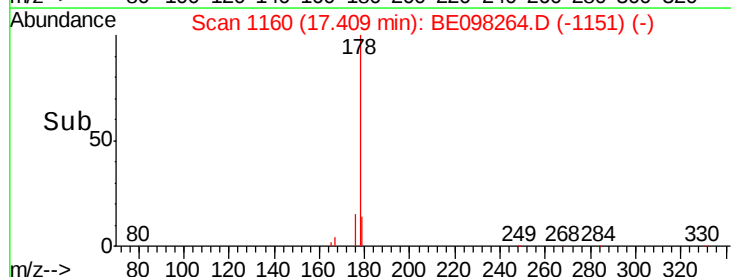
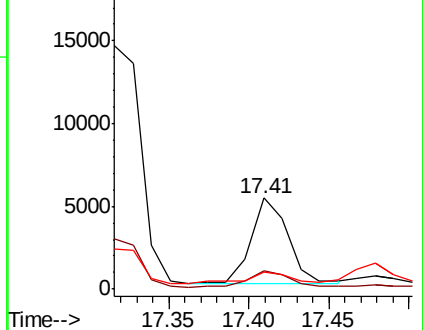
179 16.4 12.1 18.1

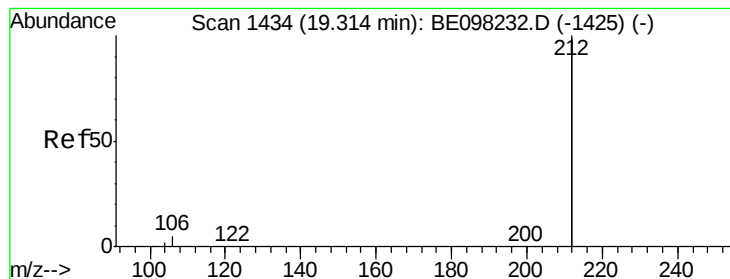


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.024 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

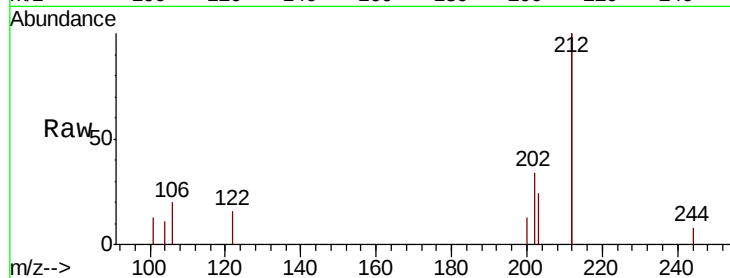
Tgt Ion:212 Resp: 2951

Ion Ratio Lower Upper

212 100

106 3.3 1.8 2.8#

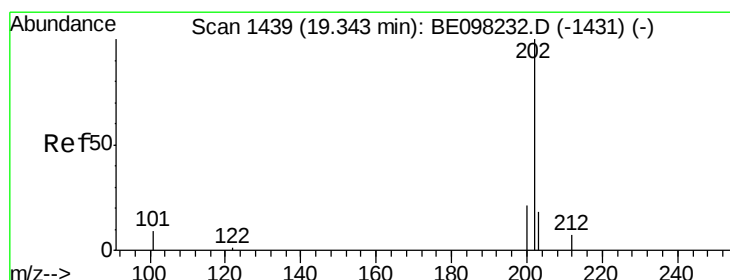
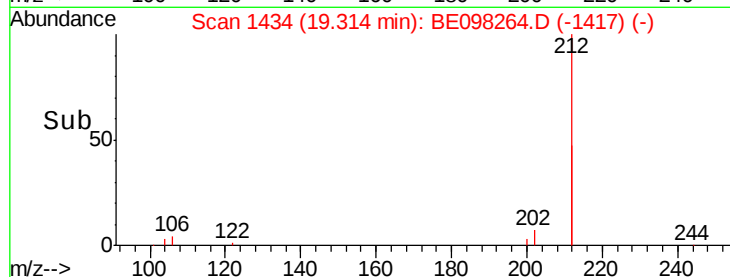
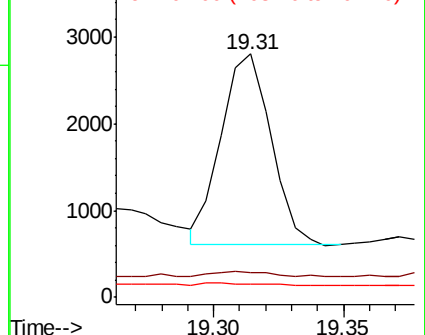
104 2.0 1.1 1.7#



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: 2.090 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

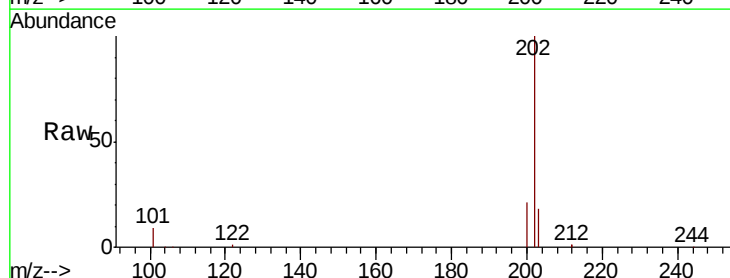
Tgt Ion:202 Resp: 65502

Ion Ratio Lower Upper

202 100

101 9.6 7.0 10.6

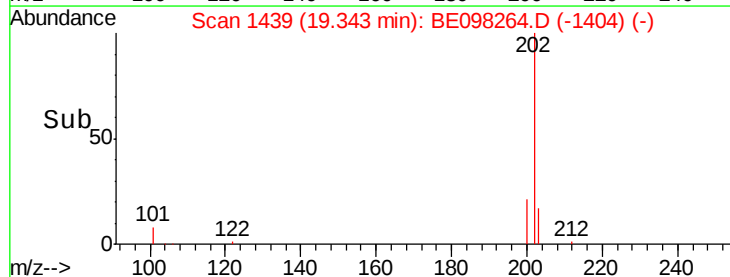
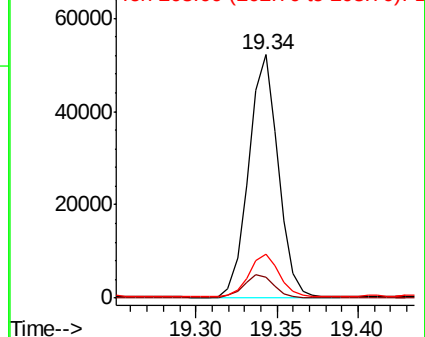
203 17.5 13.7 20.5

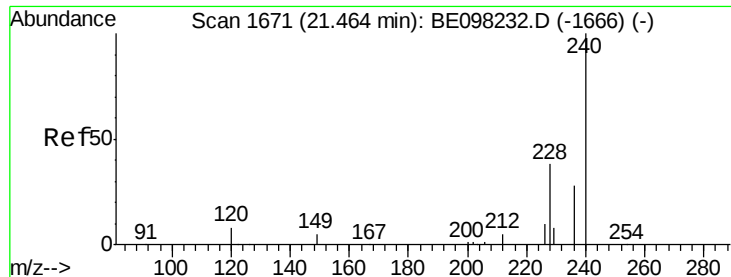


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1671

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

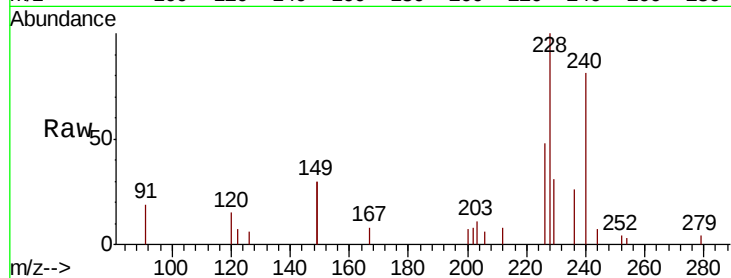
Tgt Ion:240 Resp: 11275

Ion Ratio Lower Upper

240 100

120 18.0 4.8 7.2#

236 32.5 21.4 32.0#

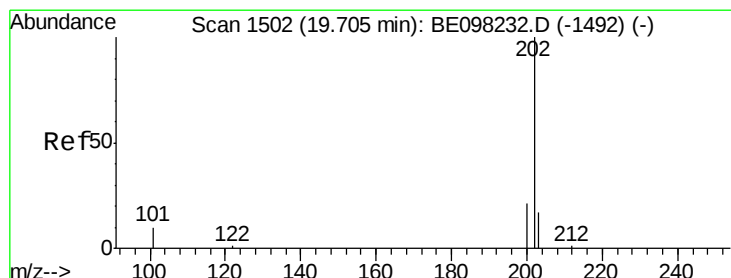
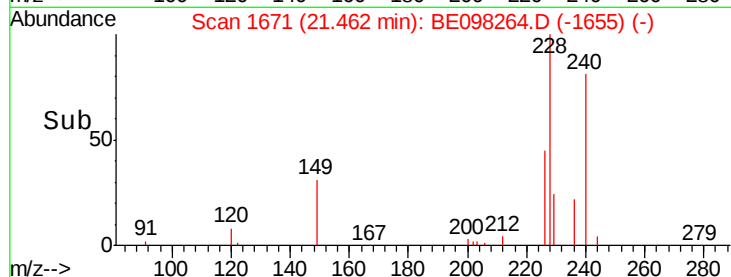
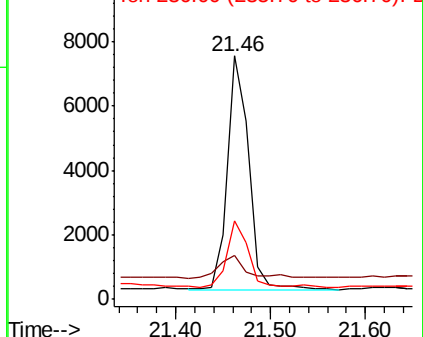


Abundance

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: 1.897 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

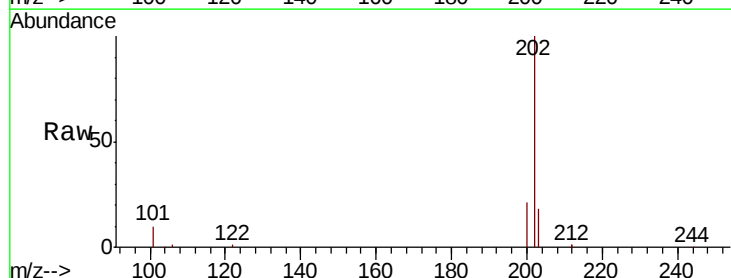
Tgt Ion:202 Resp: 62510

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 21.3 14.2 21.4

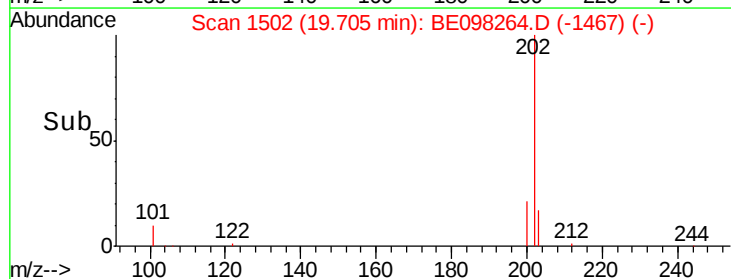
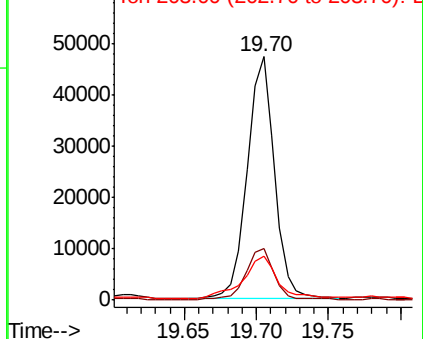


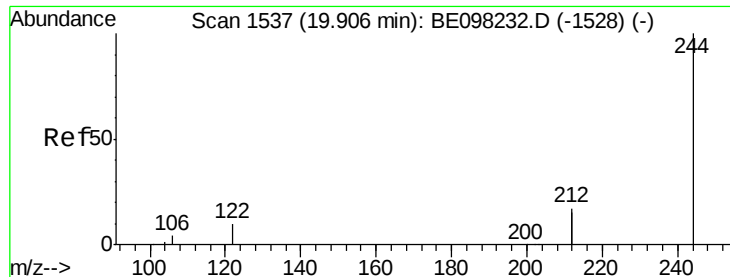
Abundance

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: 0.028 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

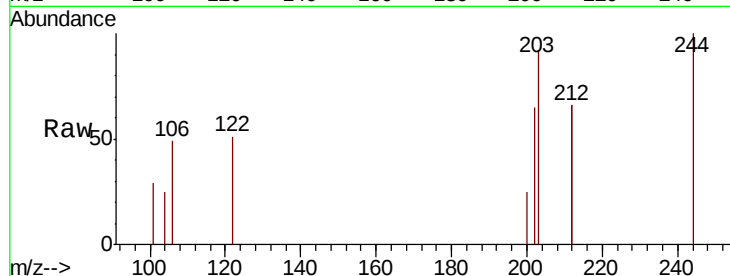
Tgt Ion:244 Resp: 726

Ion Ratio Lower Upper

244 100

212 132.8 26.8 40.2#

122 51.1 7.0 10.6#

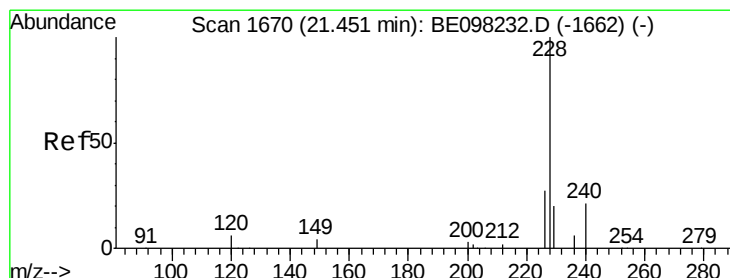
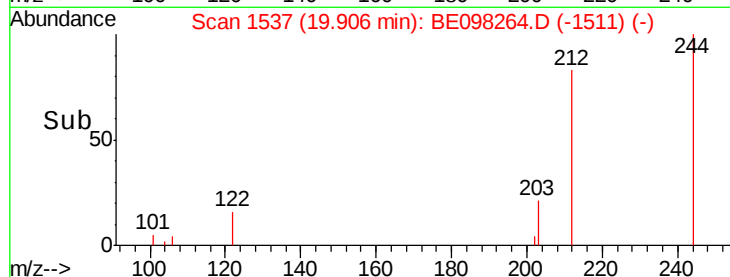
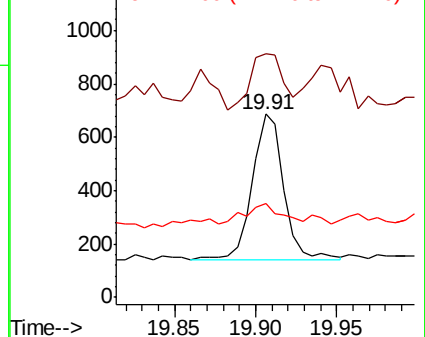


Abundance

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: 1.372 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

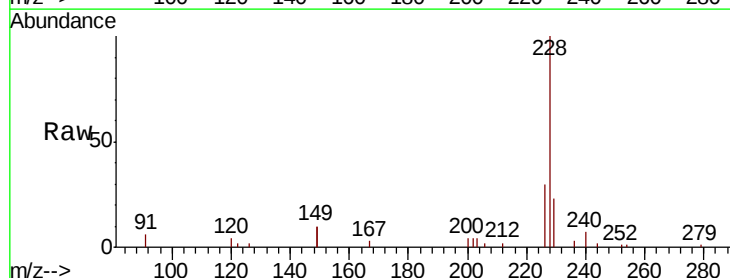
Tgt Ion:228 Resp: 44735

Ion Ratio Lower Upper

228 100

226 29.9 20.7 31.1

229 22.8 16.2 24.4

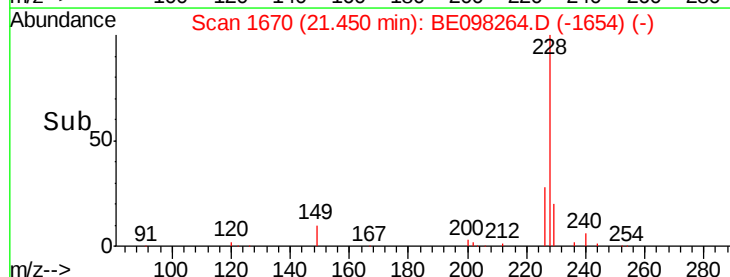
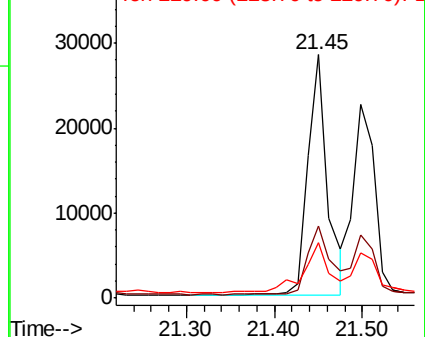


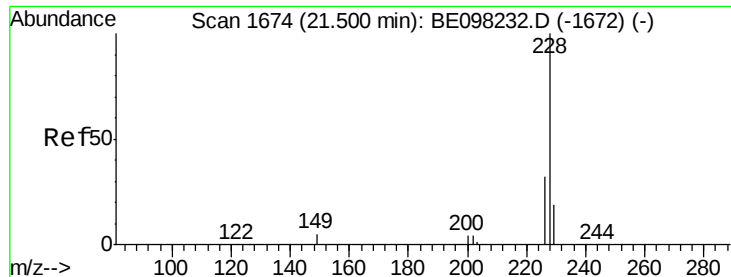
Abundance

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: 1.109 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

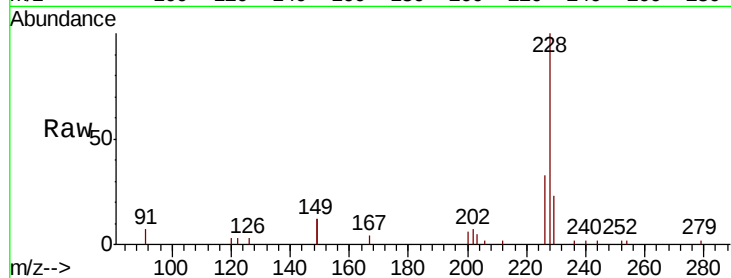
Tgt Ion:228 Resp: 37233

Ion Ratio Lower Upper

228 100

226 32.8 24.6 36.8

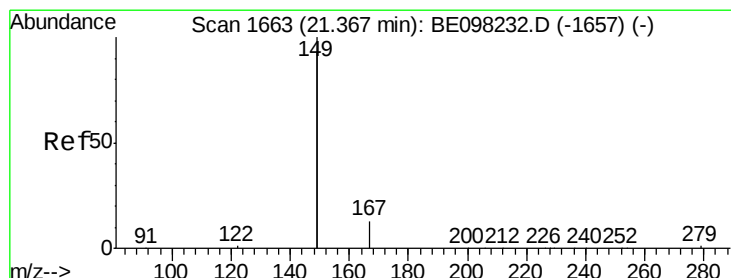
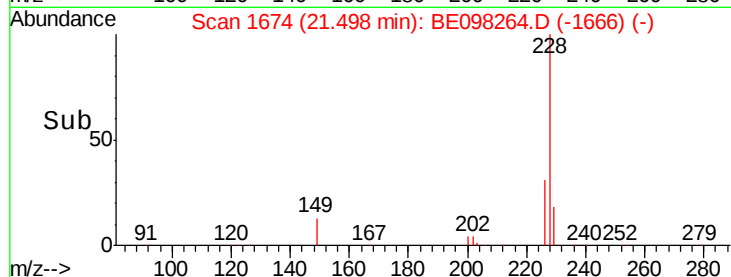
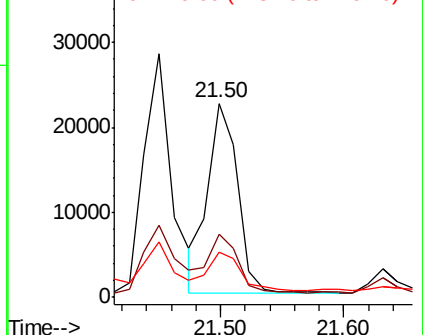
229 23.1 16.0 24.0



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: 0.144 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

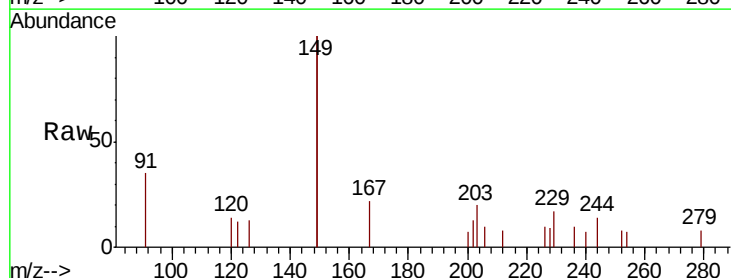
Tgt Ion:149 Resp: 7304

Ion Ratio Lower Upper

149 100

167 9.2 5.6 8.4#

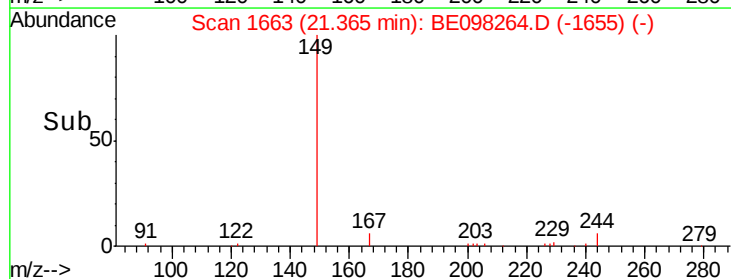
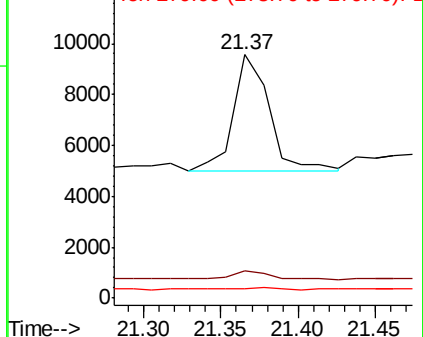
279 1.3 0.9 1.3

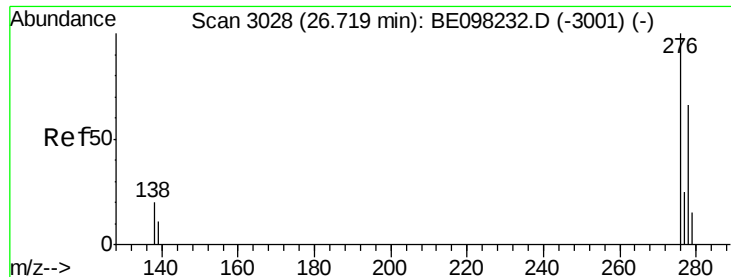


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.923 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.01 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

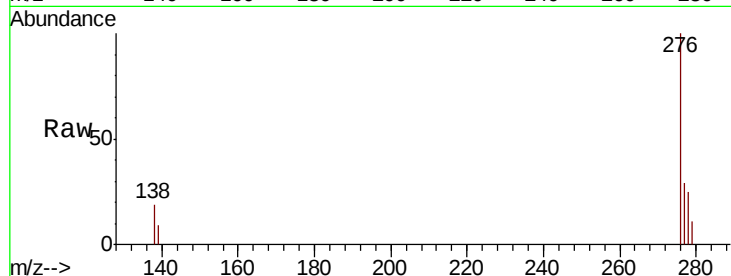
Tgt Ion:276 Resp: 26521

Ion Ratio Lower Upper

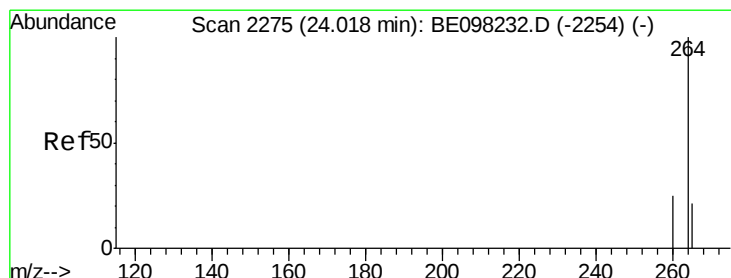
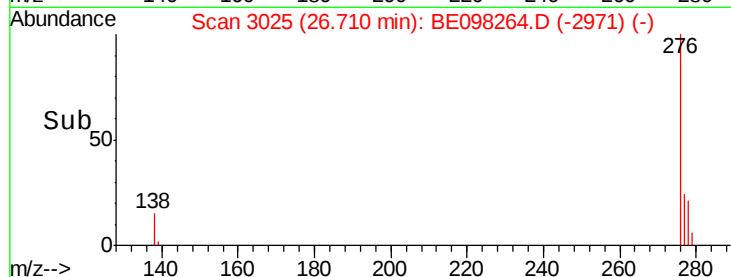
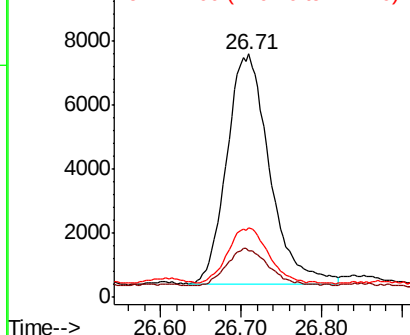
276 100

138 16.0 6.4 9.6#

277 21.9 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: 24.02 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

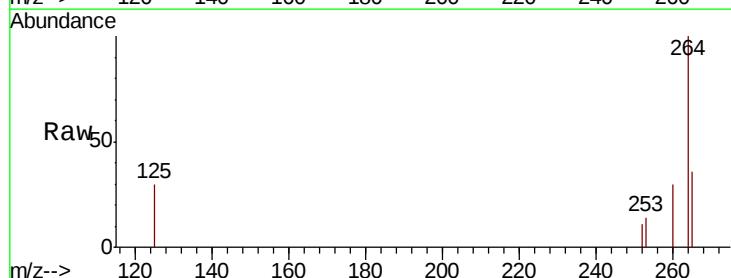
Tgt Ion:264 Resp: 10849

Ion Ratio Lower Upper

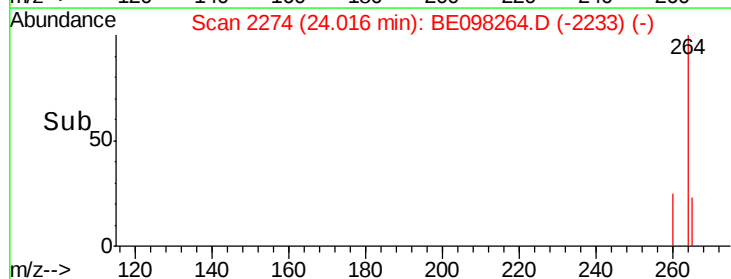
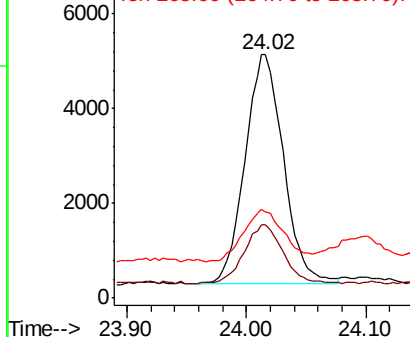
264 100

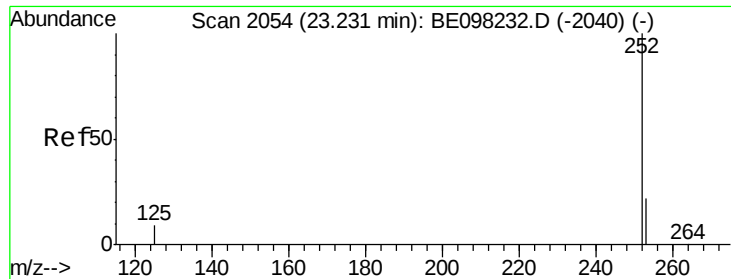
260 29.9 19.9 29.9#

265 35.6 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: 1.763 ng

RT: 23.24 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

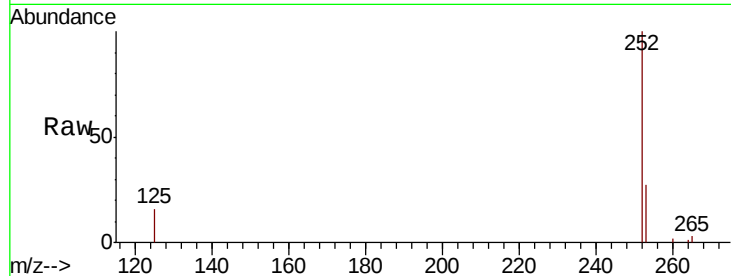
Tgt Ion:252 Resp: 54017

Ion Ratio Lower Upper

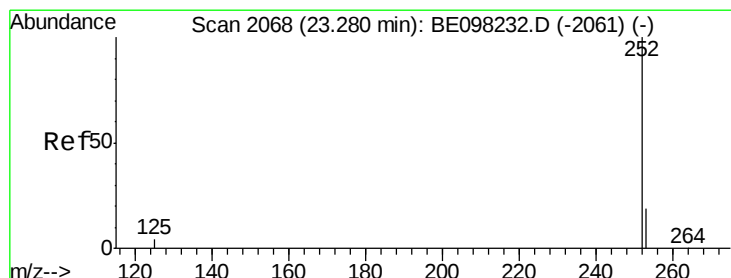
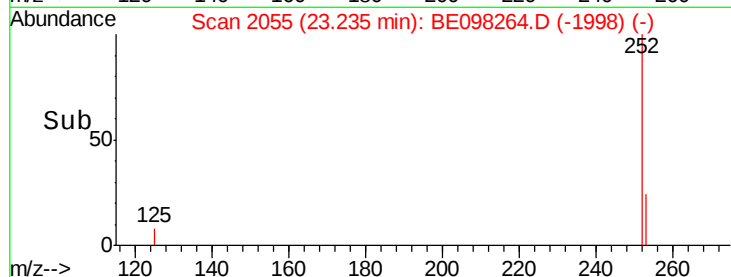
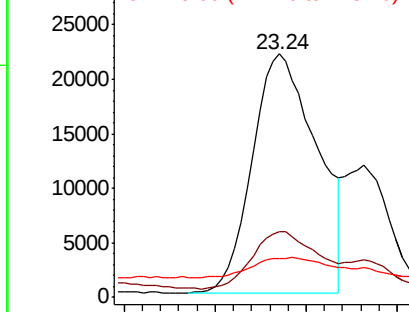
252 100

253 26.9 19.4 29.0

125 16.2 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.561 ng

RT: 23.24 min Scan# 2055

Delta R.T. -0.05 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

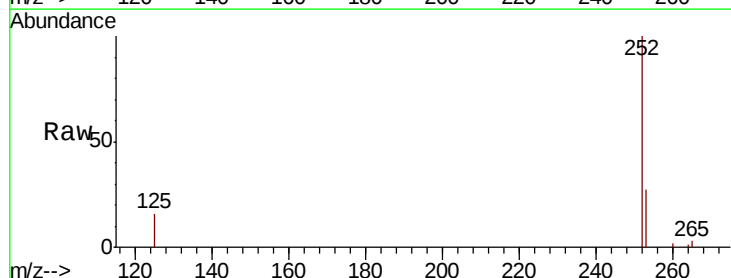
Tgt Ion:252 Resp: 54017

Ion Ratio Lower Upper

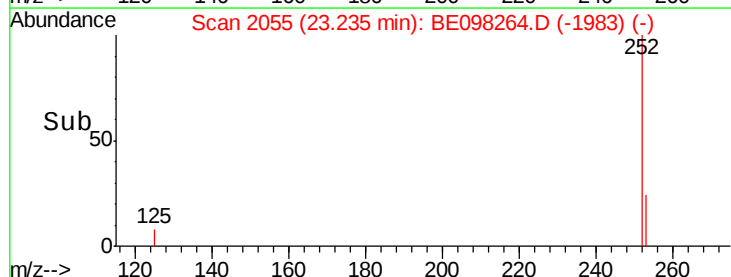
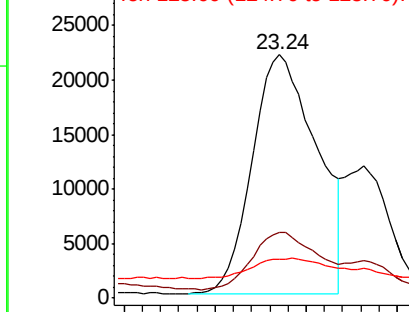
252 100

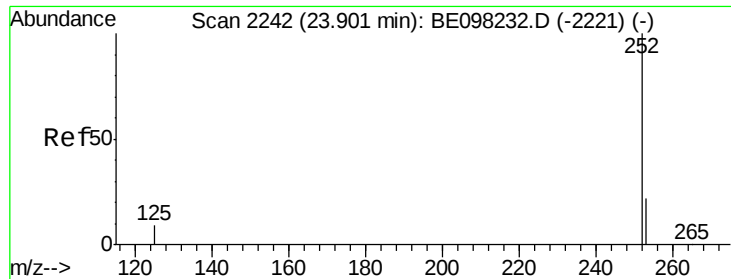
253 26.9 18.6 28.0

125 16.2 7.4 11.0#



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: 1.337 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL

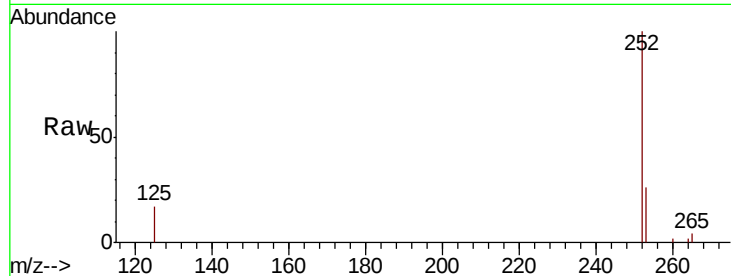
Tgt Ion:252 Resp: 40212

Ion Ratio Lower Upper

252 100

253 25.7 18.6 27.8

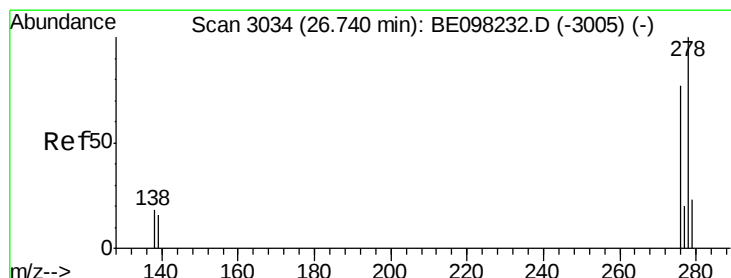
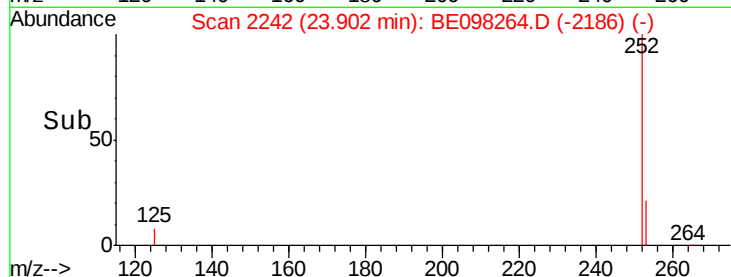
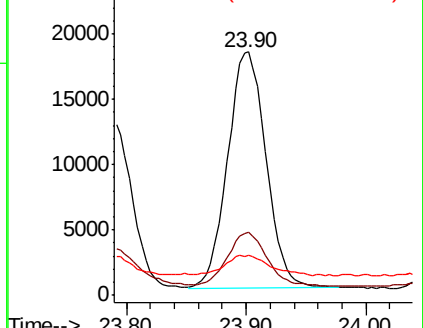
125 16.6 8.0 12.0#



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: 0.277 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.02 min

Lab File: BE098264.D

Acq: 21 Nov 2018 16:24

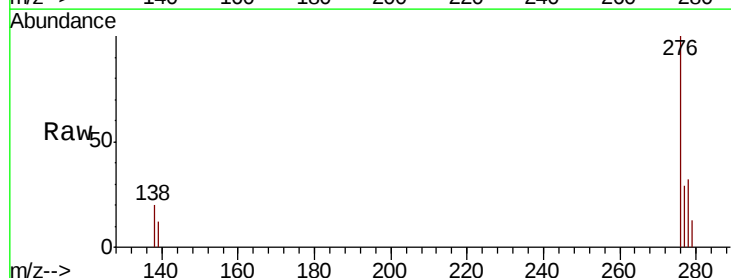
Tgt Ion:278 Resp: 6667

Ion Ratio Lower Upper

278 100

139 37.8 16.4 24.6#

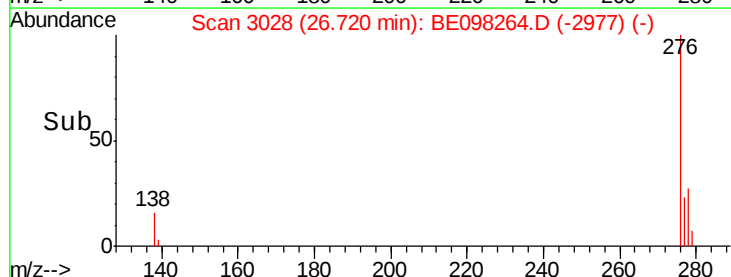
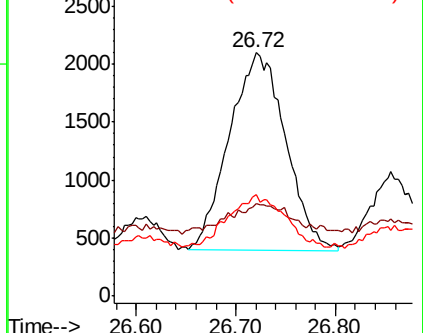
279 41.6 21.3 31.9#

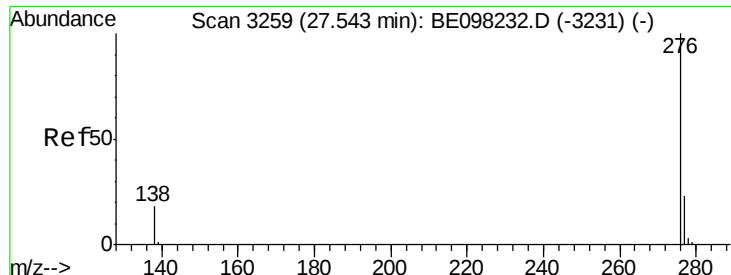


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.955 ng

RT: 27.54 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BE098264.D

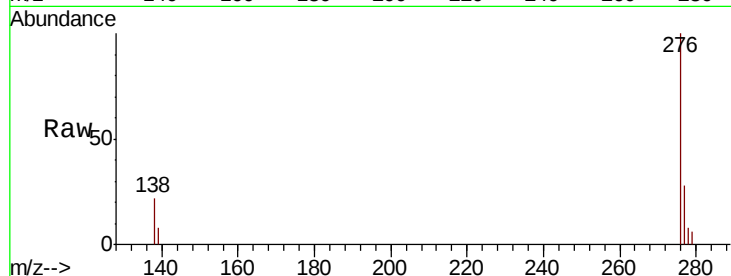
Acq: 21 Nov 2018 16:24

Instrument :

BNA_E

ClientSampleId :

AOC8-01R-CDL



Tgt Ion: 276 Resp: 24804

Ion Ratio Lower Upper

276 100

277 28.0 20.4 30.6

138 21.8 13.2 19.8#

