

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091827.D
 Acq On : 20 May 2016 1:44
 Operator : UM/SJ
 Sample : H3065-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC50MW002-160511

Quant Time: May 20 04:52:08 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	22799	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	117146	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	79644	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	212833	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	283073	5.00	ng	-0.02
35) Perylene-d12	23.73	264	233972	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	9994	1.68	ng	0.00
5) Phenol-d6	6.95	99	9189	1.10	ng	0.00
8) Nitrobenzene-d5	8.95	82	30369	3.91	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	20319	6.57	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	83759	3.72	ng	-0.01
29) Terphenyl-d14	19.74	244	200954	5.01	ng	-0.02

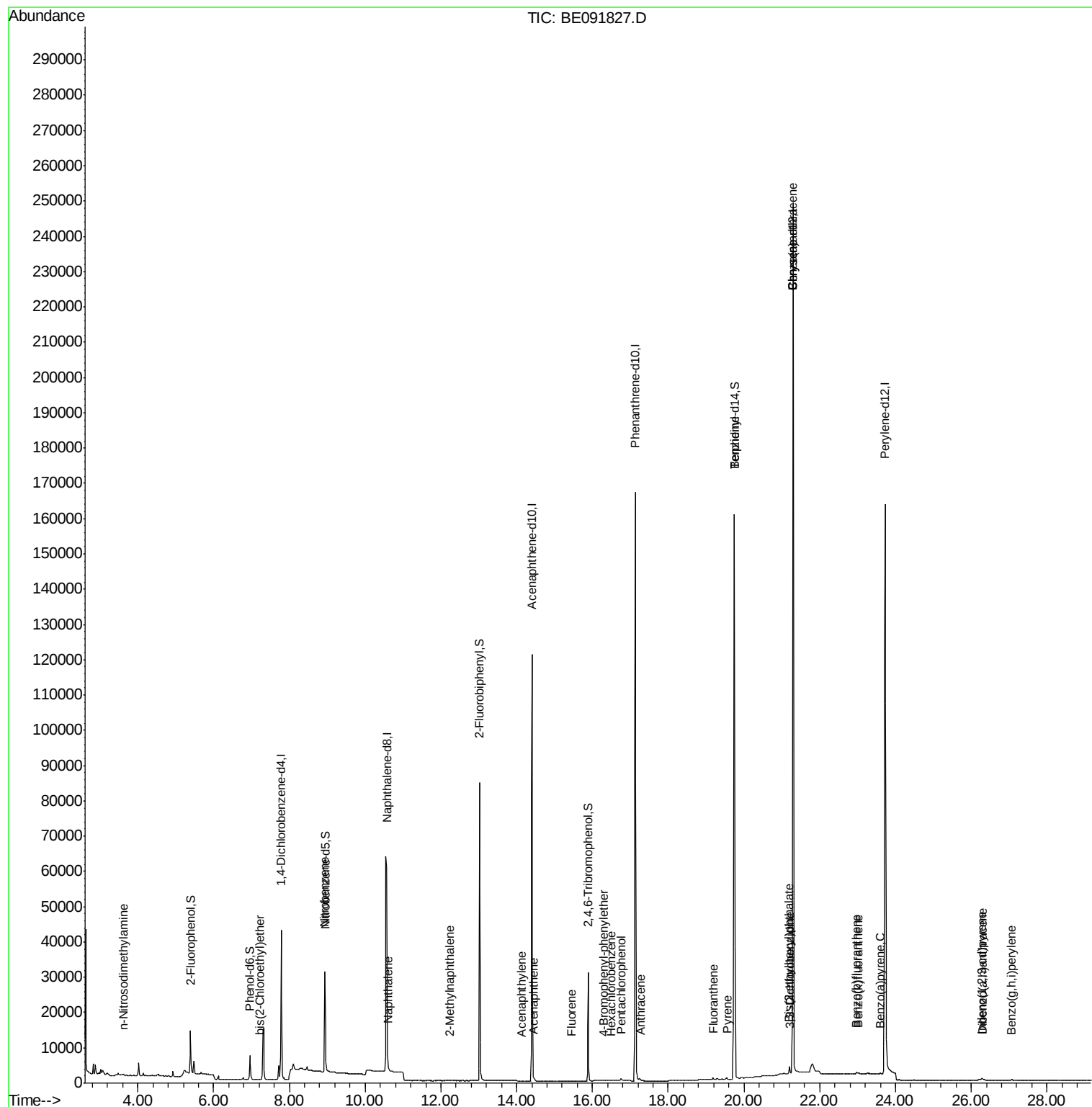
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.61	42	204	0.06	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	7	0.00	ng	# 28
9) Nitrobenzene	8.93	77	210	0.03	ng	# 49
10) Naphthalene	10.61	128	617	0.02	ng	# 30
12) 2-Methylnaphthalene	12.23	142	187	0.01	ng	# 77
16) Acenaphthylene	14.12	152	890	0.03	ng	# 23
17) Acenaphthene	14.46	154	120	0.01	ng	# 79
18) Fluorene	15.44	166	233	0.01	ng	# 85
20) 4-Bromophenyl-phenylether	16.31	248	18	0.00	ng	# 3
21) Hexachlorobenzene	16.50	284	22	0.00	ng	# 1
22) Pentachlorophenol	16.76	266	427	0.12	ng	# 10
23) Phenanthrene	17.17	178	1952	Below Cal		# 70
24) Anthracene	17.26	178	226	0.00	ng	# 98
25) Fluoranthene	19.19	202	607	0.01	ng	# 80
27) Benzidine	19.74	184	3286	0.18	ng	# 98
28) Pyrene	19.55	202	596	0.01	ng	# 81
30) Benzo(a)anthracene	21.29	228	1760	0.03	ng	# 63
31) 3,3'-Dichlorobenzidine	21.22	252	93	0.00	ng	# 49
32) Chrysene	21.29	228	1780	0.07	ng	# 65
33) Bis(2-ethylhexyl)phthalate	21.20	149	2568	0.31	ng	# 91
34) Indeno(1,2,3-cd)pyrene	26.27	276	469	0.01	ng	# 1
36) Benzo(b)fluoranthene	22.98	252	573	0.01	ng	# 1
37) Benzo(k)fluoranthene	23.02	252	495	0.01	ng	# 1
38) Benzo(a)pyrene	23.60	252	79	0.00	ng	# 1
39) Dibenzo(a,h)anthracene	26.29	278	392	0.01	ng	# 1
40) Benzo(g,h,i)perylene	27.06	276	345	0.01	ng	# 1

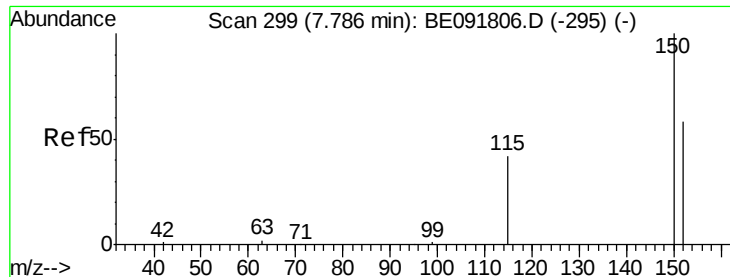
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

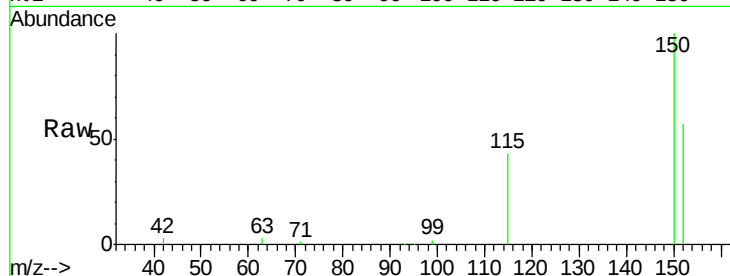
Tgt Ion:152 Resp: 22799

Ion Ratio Lower Upper

152 100

150 176.4 122.6 183.8

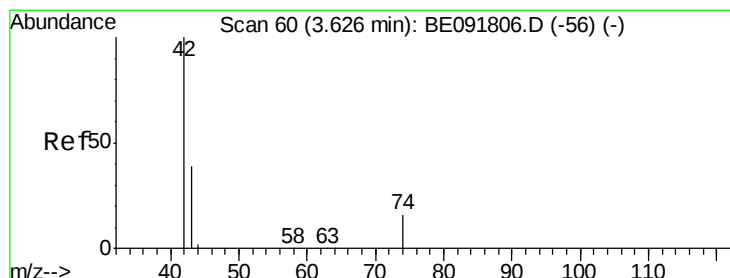
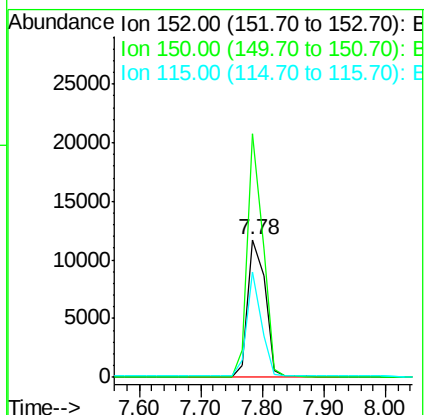
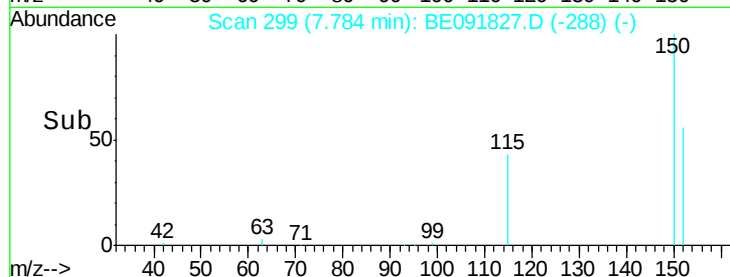
115 76.1 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.06 ng

RT: 3.61 min Scan# 59

Delta R.T. -0.02 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

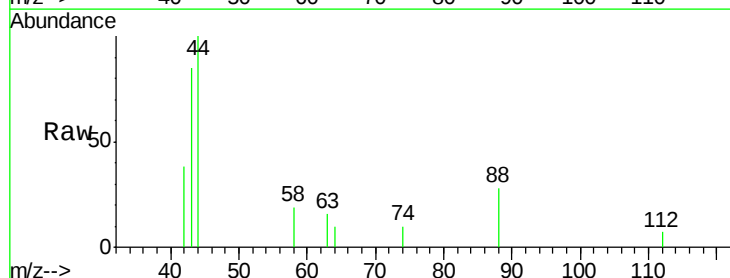
Tgt Ion: 42 Resp: 204

Ion Ratio Lower Upper

42 100

74 0.0 87.9 131.9#

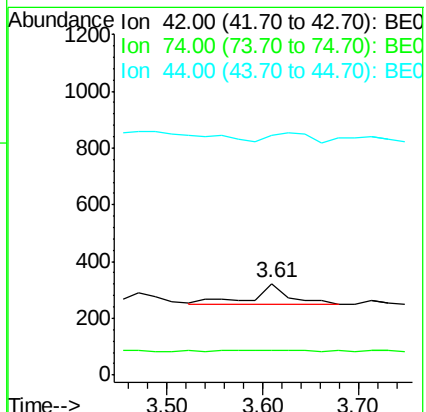
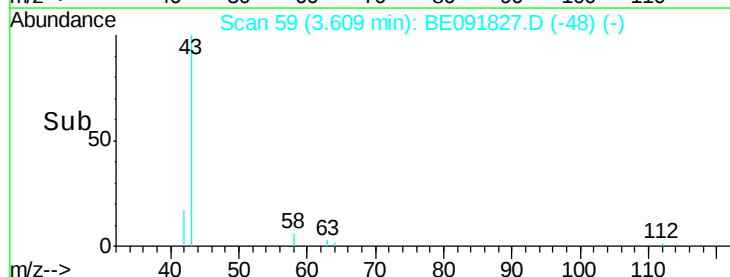
44 45.1 6.6 9.8#

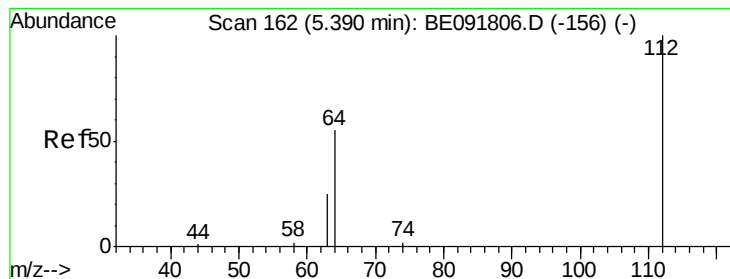


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 1.68 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

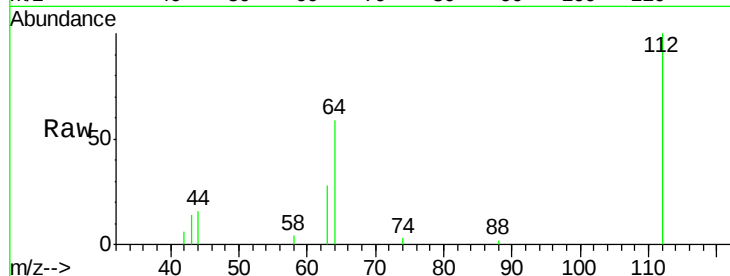
Tgt Ion: 112 Resp: 9994

Ion Ratio Lower Upper

112 100

64 68.0 30.9 46.3#

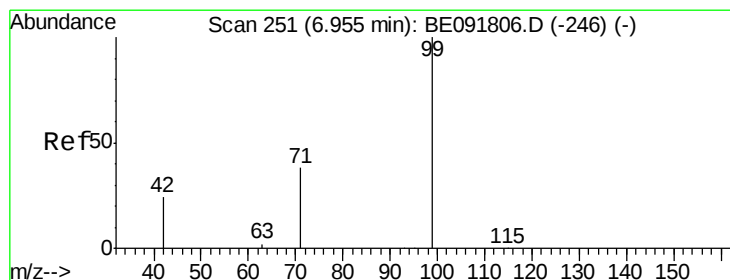
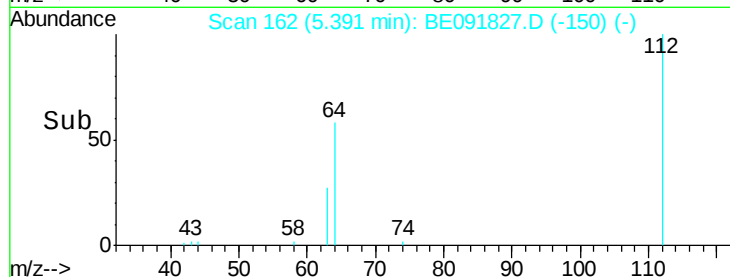
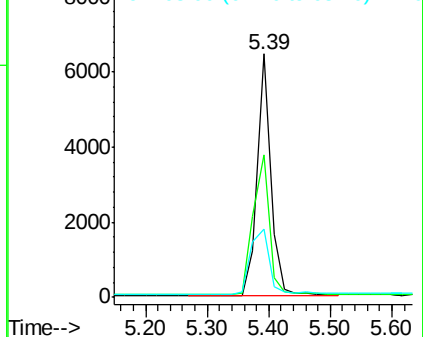
63 37.0 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.10 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

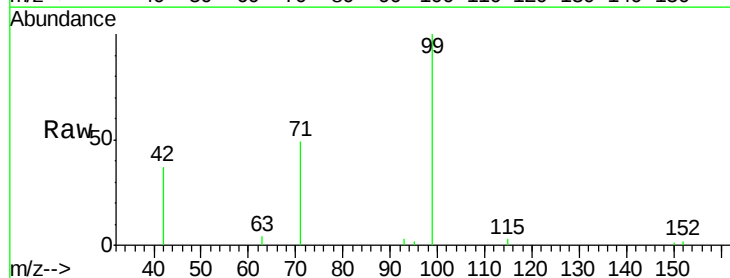
Tgt Ion: 99 Resp: 9189

Ion Ratio Lower Upper

99 100

42 23.0 16.2 24.2

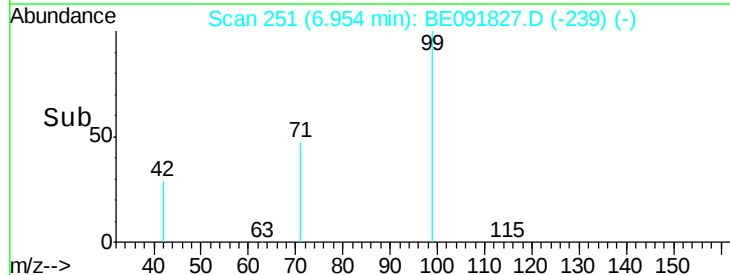
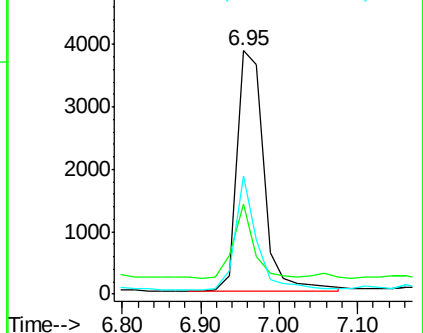
71 37.1 29.0 43.4

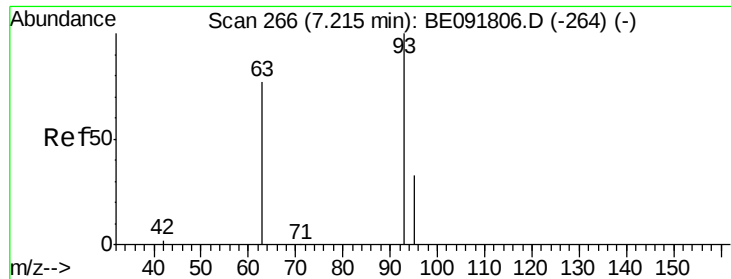


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 7.23 min Scan# 267

Delta R.T. 0.02 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

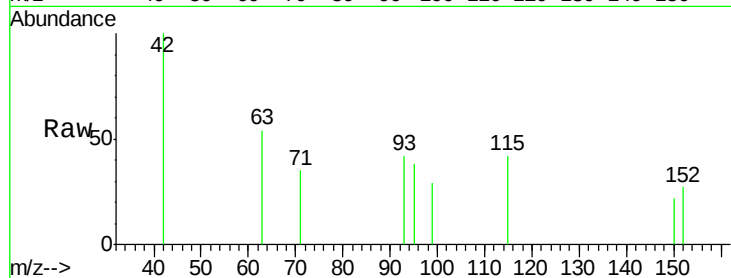
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

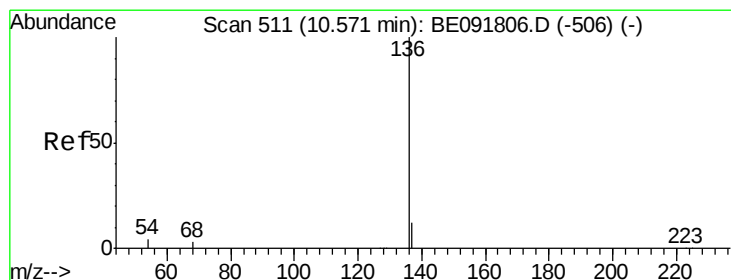
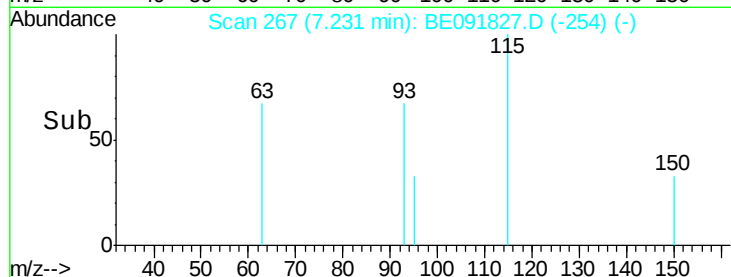
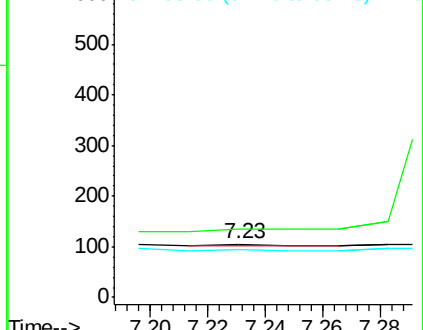
95 0.0 22.2 33.4#



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: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Tgt Ion: 136 Resp: 117146

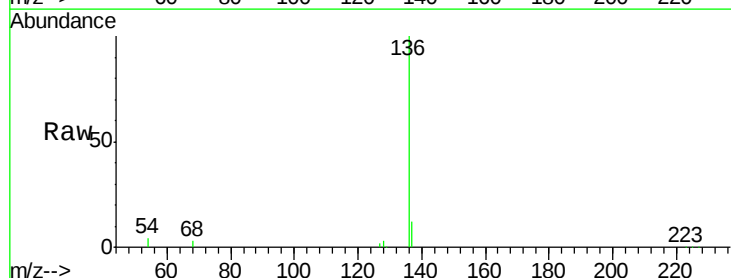
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 4.0 8.2 12.4#

68 3.5 6.2 9.4#

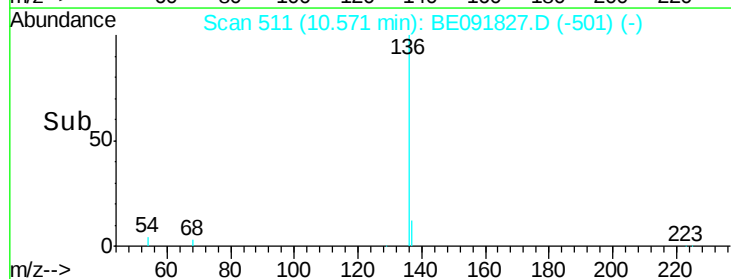
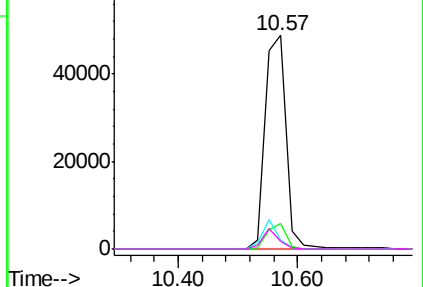


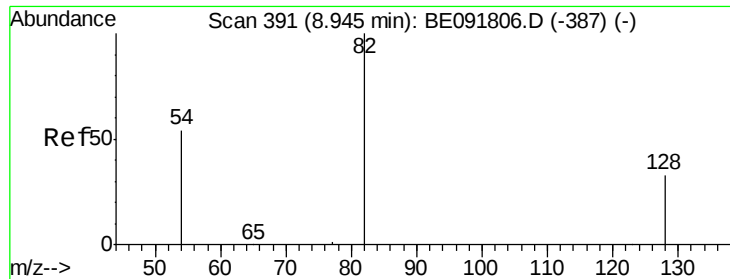
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.91 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

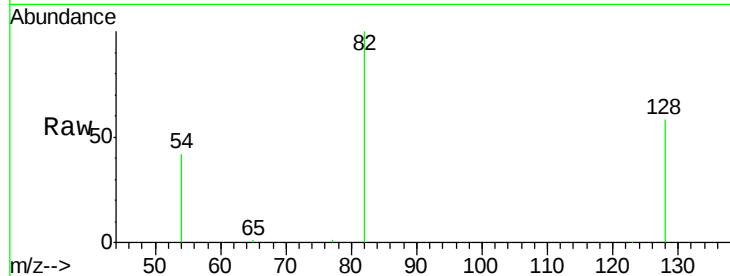
Tgt Ion: 82 Resp: 30369

Ion Ratio Lower Upper

82 100

128 58.2 25.4 38.0#

54 41.9 48.4 72.6#

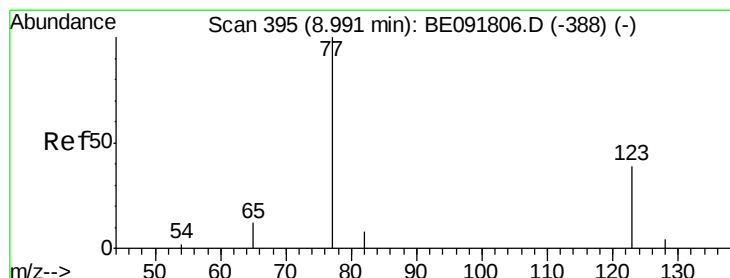
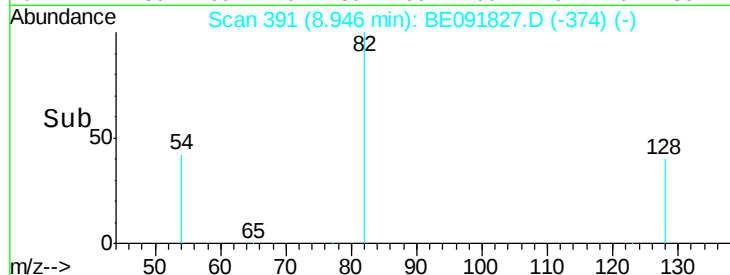


Abundance Ion 82.00 (81.70 to 82.70): BE091827.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BE091827.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BE091827.D (-374) (-)

Time-->



#9

Nitrobenzene

Concen: 0.03 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.06 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

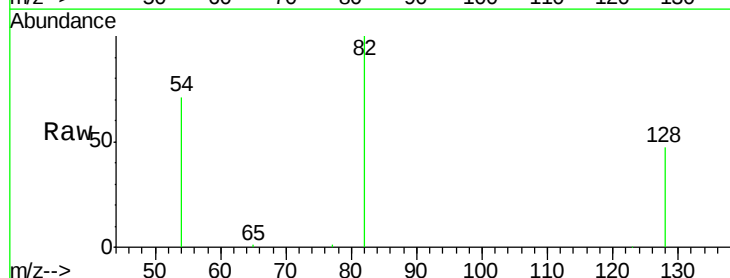
Tgt Ion: 77 Resp: 210

Ion Ratio Lower Upper

77 100

123 0.0 26.9 40.3#

65 23.3 9.4 14.2#

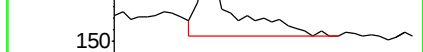
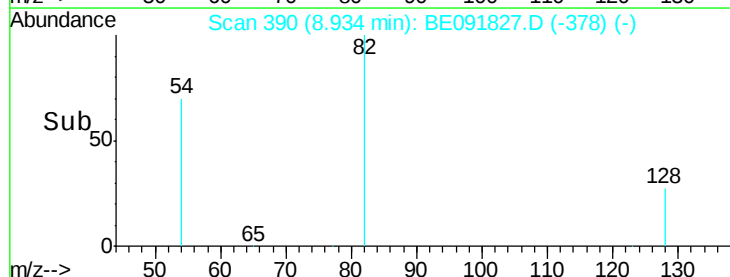


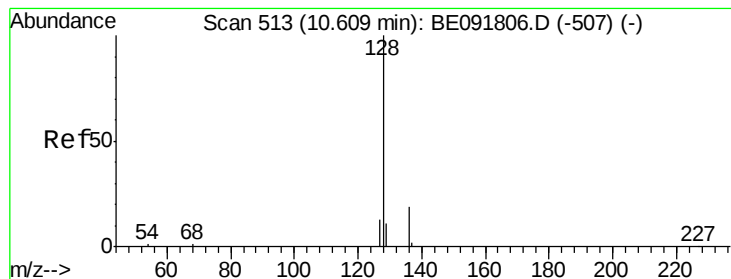
Abundance Ion 77.00 (76.70 to 77.70): BE091827.D (-378) (-)

Ion 123.00 (122.70 to 123.70): BE091827.D (-378) (-)

Ion 65.00 (64.70 to 65.70): BE091827.D (-378) (-)

Time-->





#10

Naphthalene

Concen: 0.02 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

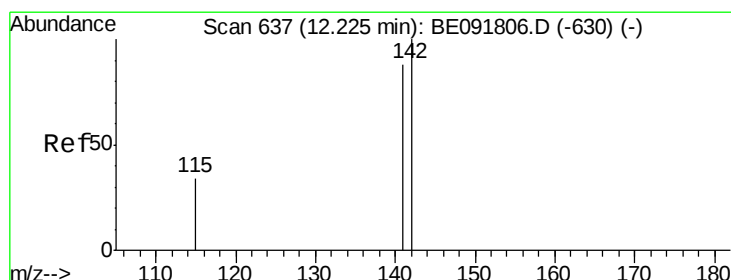
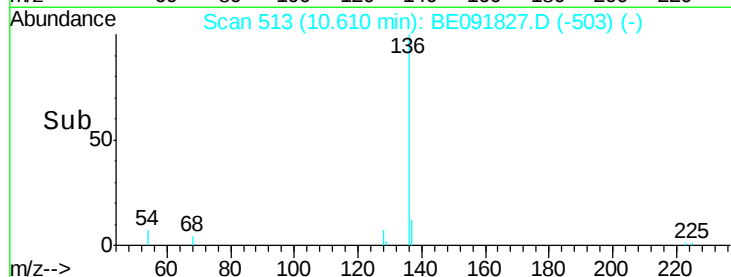
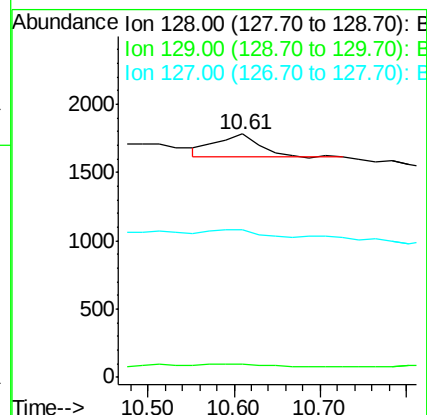
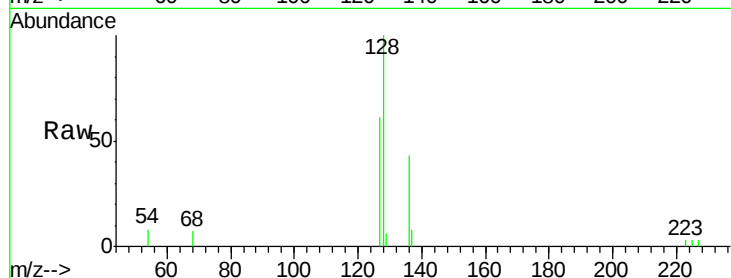
Tgt Ion:128 Resp: 617

Ion Ratio Lower Upper

128 100

129 5.7 9.3 13.9#

127 60.6 10.7 16.1#



#12

2-Methylnaphthalene

Concen: 0.01 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

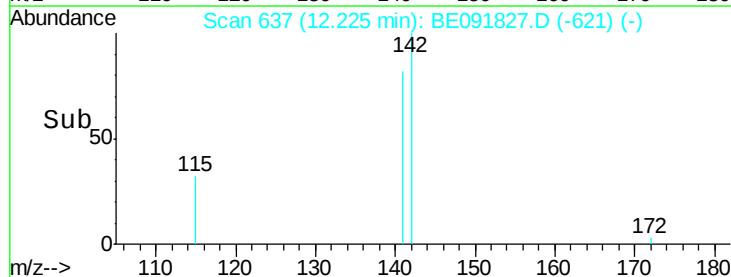
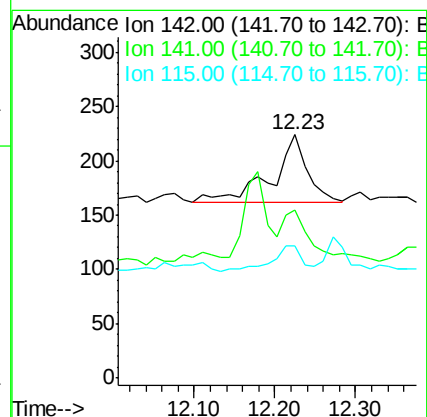
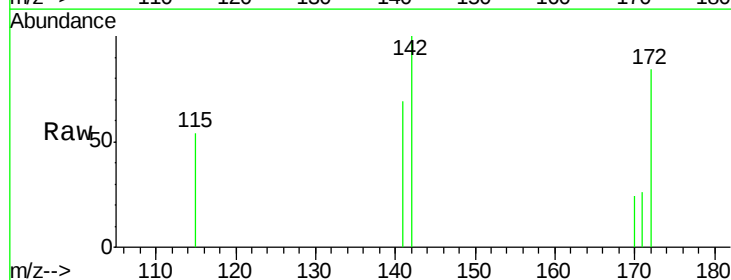
Tgt Ion:142 Resp: 187

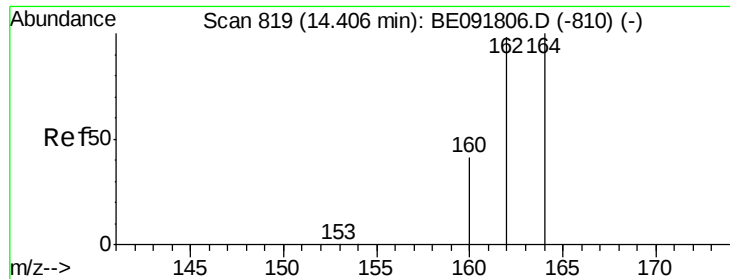
Ion Ratio Lower Upper

142 100

141 69.2 71.4 107.0#

115 54.5 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

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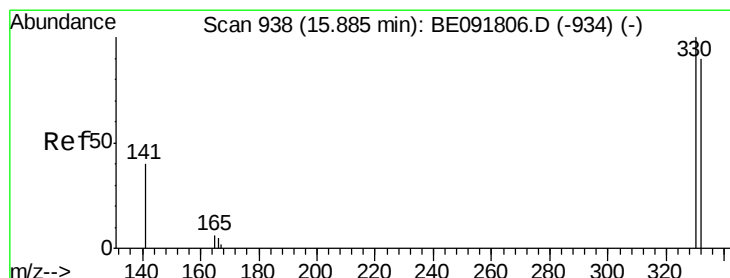
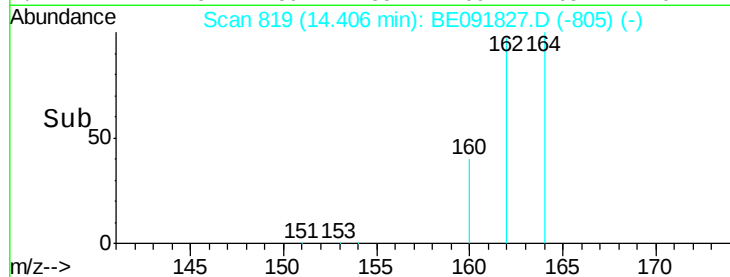
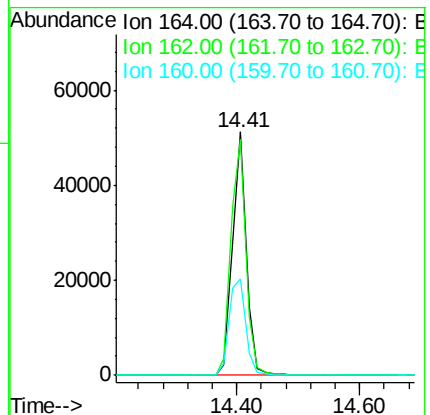
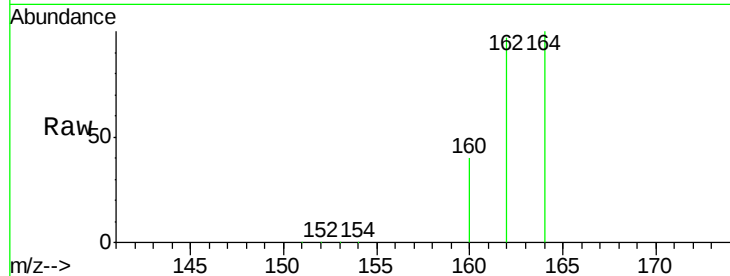
Tgt Ion:164 Resp: 79644

Ion Ratio Lower Upper

164 100

162 96.9 85.3 127.9

160 39.6 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 6.57 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

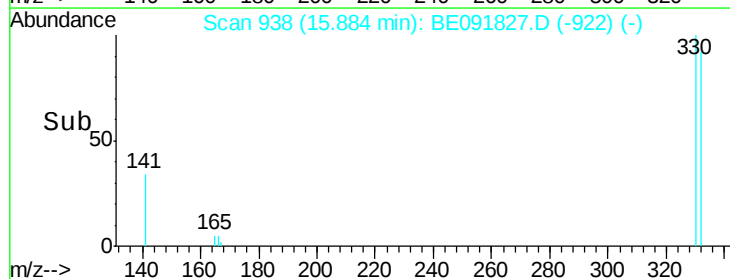
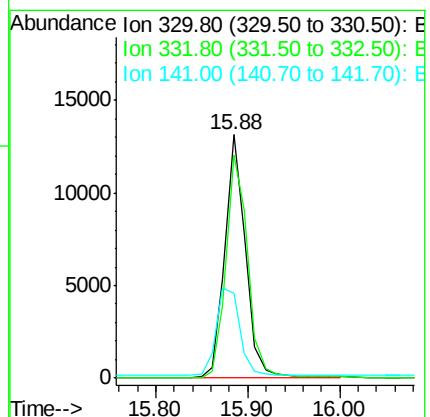
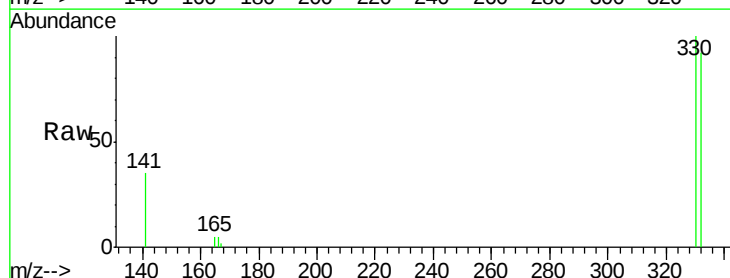
Tgt Ion:330 Resp: 20319

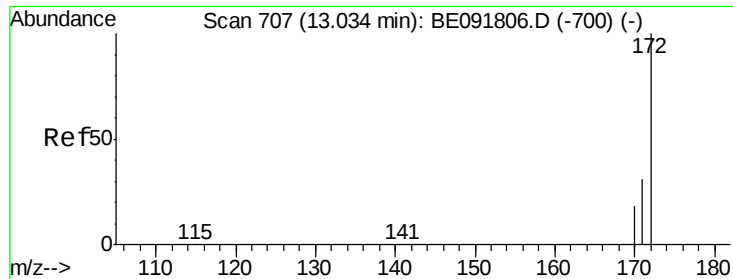
Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 42.0 125.4 188.0#

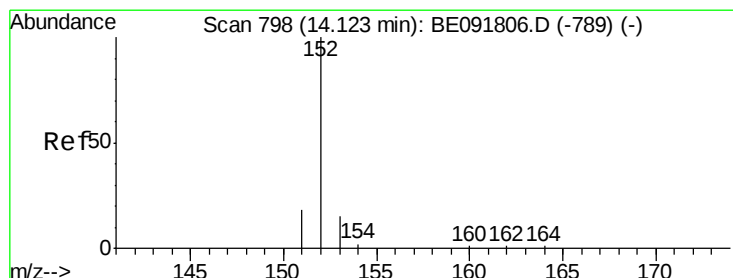
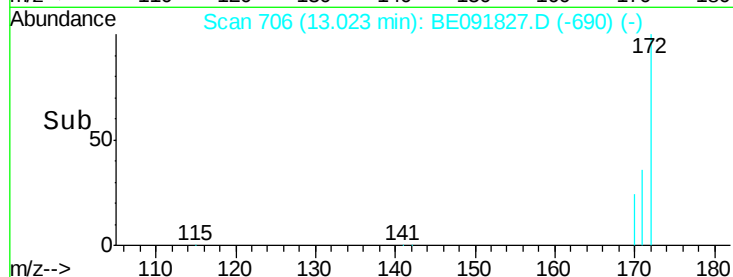
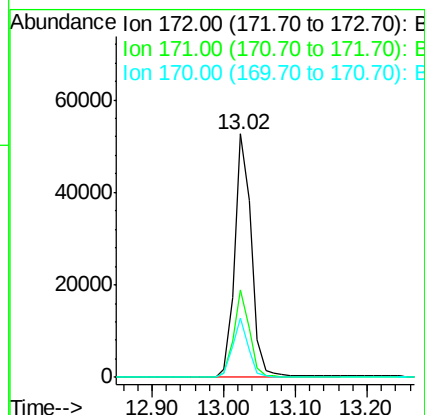
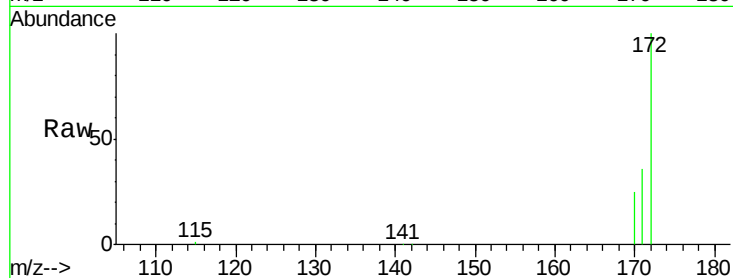




#15
2-Fluorobiphenyl
Concen: 3.72 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091827.D
Acq: 20 May 2016 1:44

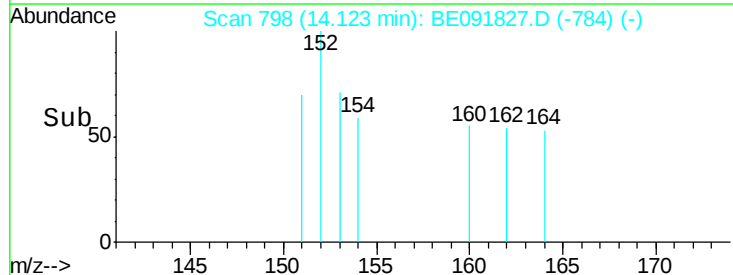
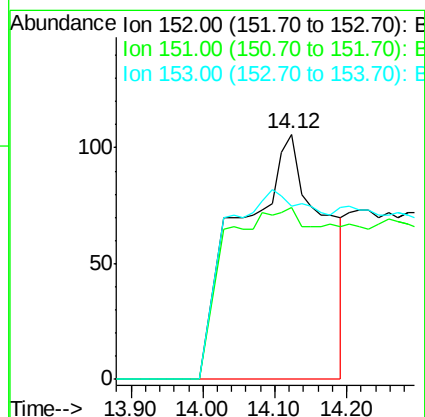
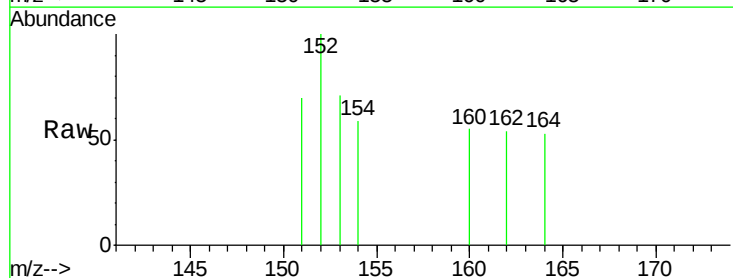
Instrument :
BNA_E
ClientSampleId :
AOC50MW002-160511

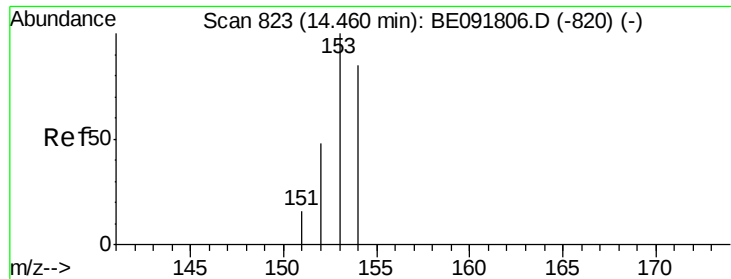
Tgt Ion:172 Resp: 83759
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.5 19.3 28.9



#16
Acenaphthylene
Concen: 0.03 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091827.D
Acq: 20 May 2016 1:44

Tgt Ion:152 Resp: 890
Ion Ratio Lower Upper
152 100
151 69.8 3.9 5.9#
153 0.0 10.3 15.5#





#17

Acenaphthene

Concen: 0.01 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

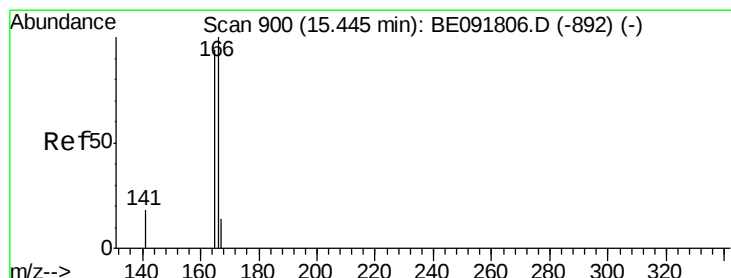
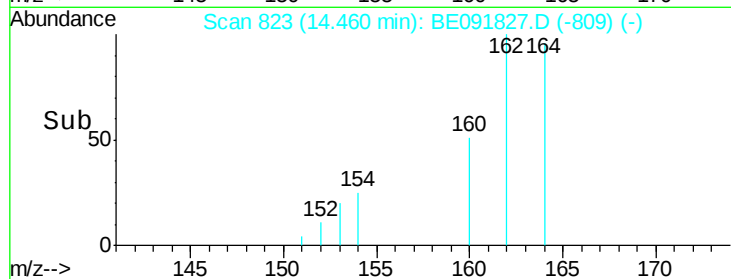
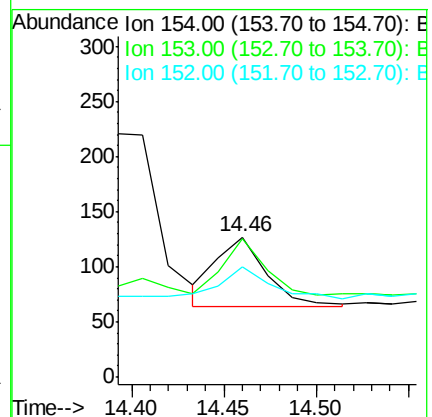
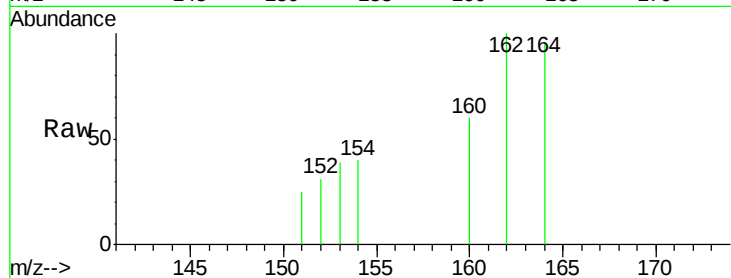
Tgt Ion:154 Resp: 120

Ion Ratio Lower Upper

154 100

153 72.5 80.0 120.0#

152 45.0 40.0 60.0



#18

Fluorene

Concen: 0.01 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

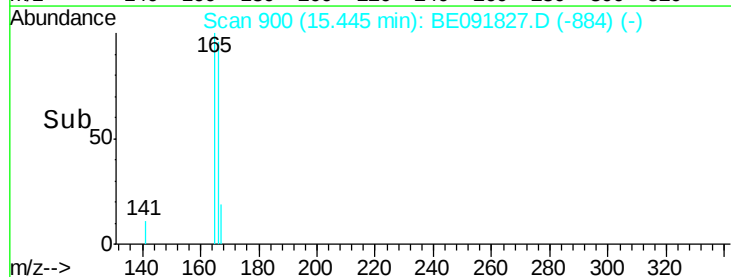
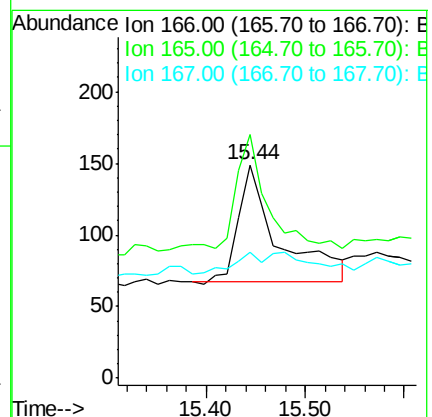
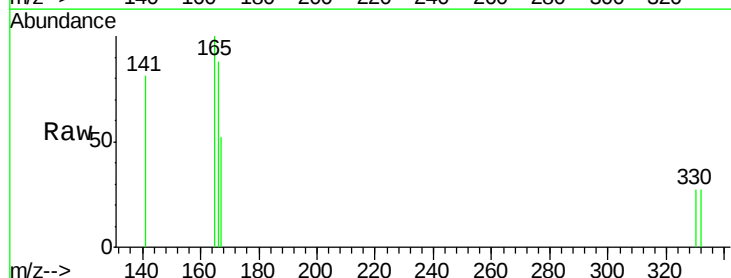
Tgt Ion:166 Resp: 233

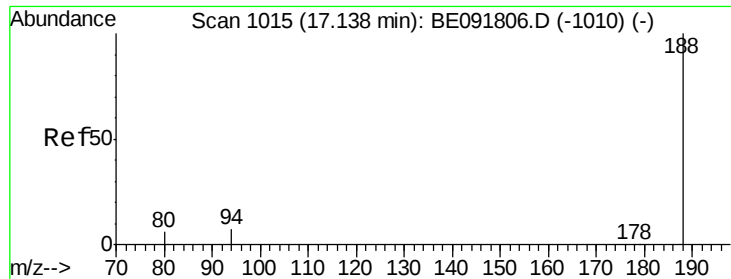
Ion Ratio Lower Upper

166 100

165 85.4 80.8 121.2

167 10.3 10.9 16.3#

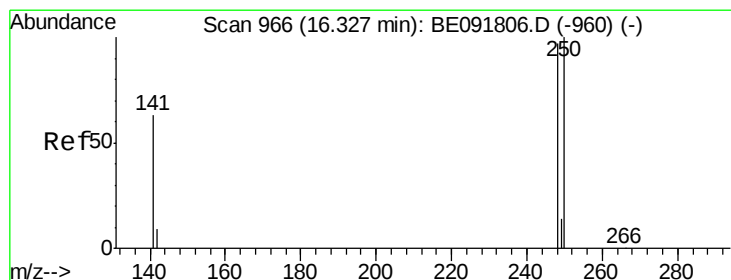
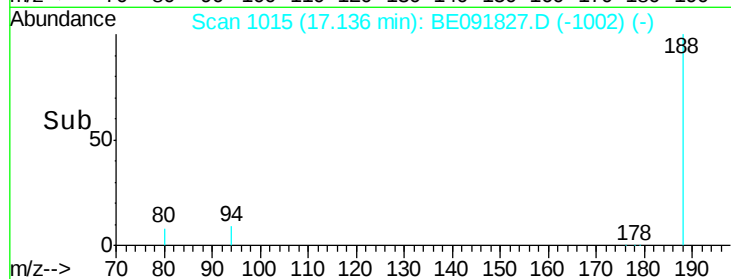
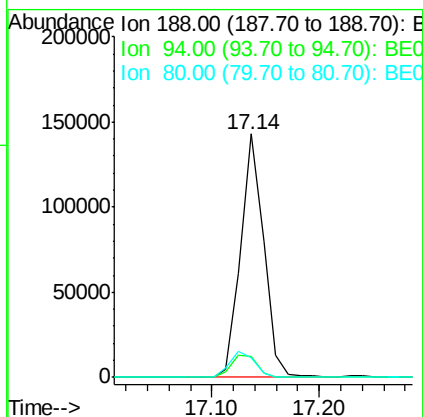
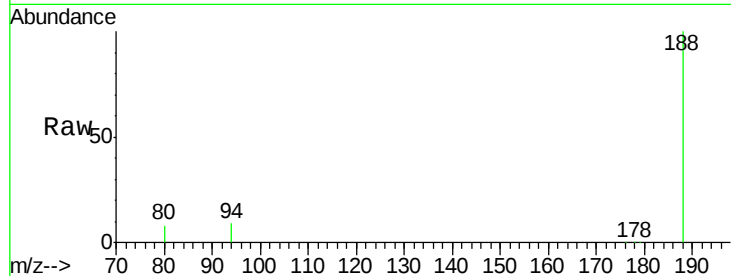




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091827.D
Acq: 20 May 2016 1:44

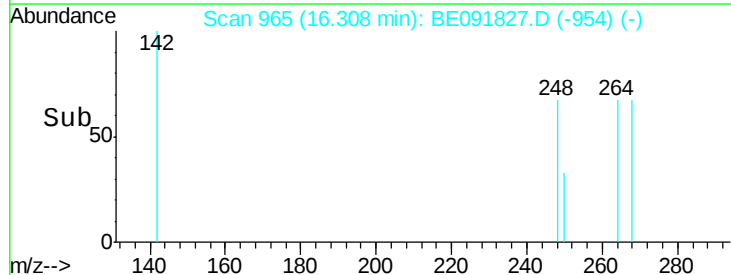
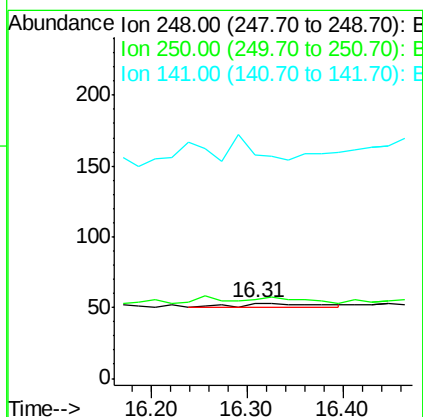
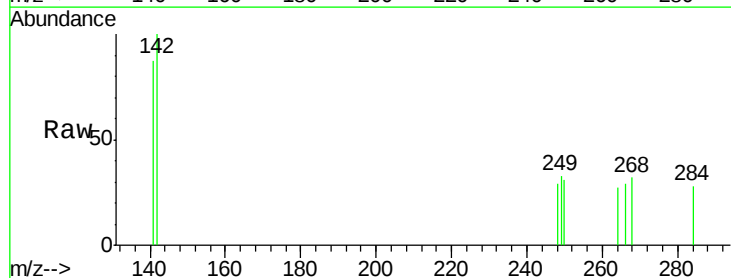
Instrument :
BNA_E
ClientSampleId :
AOC50MW002-160511

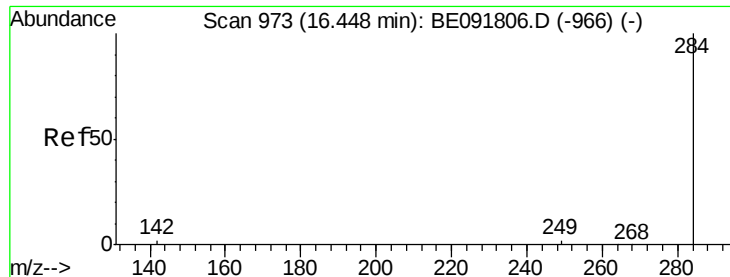
Tgt Ion:188 Resp: 212833
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1#
80 8.1 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.31 min Scan# 965
Delta R.T. -0.02 min
Lab File: BE091827.D
Acq: 20 May 2016 1:44

Tgt Ion:248 Resp: 18
Ion Ratio Lower Upper
248 100
250 0.0 80.5 120.7#
141 177.8 72.0 108.0#

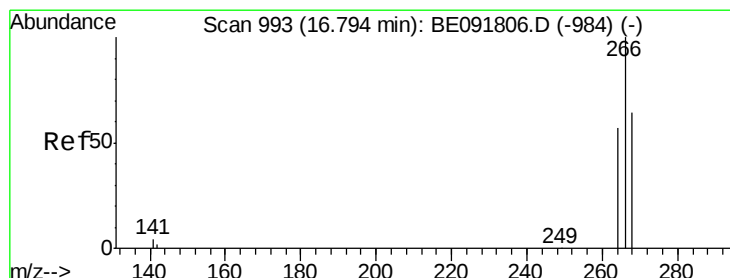
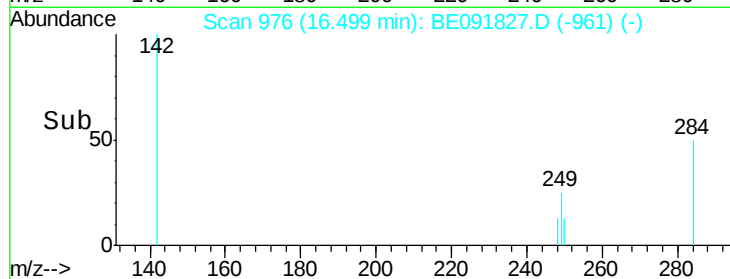
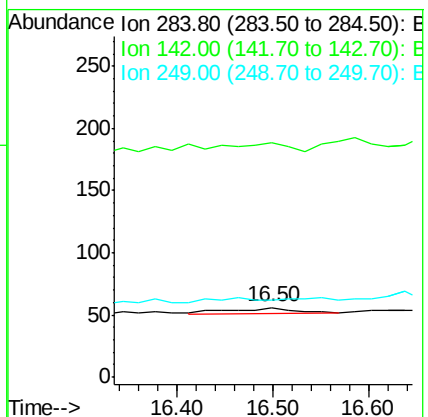
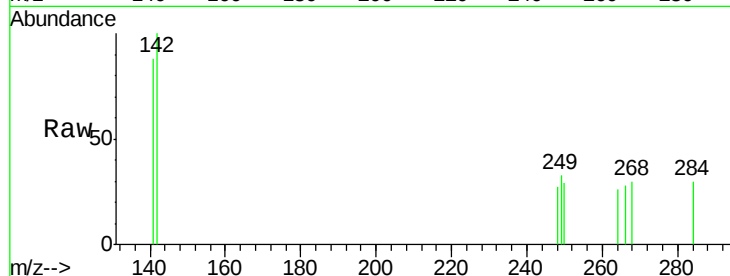




#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.50 min Scan# 976
Delta R.T. 0.05 min
Lab File: BE091827.D
Acq: 20 May 2016 1:44

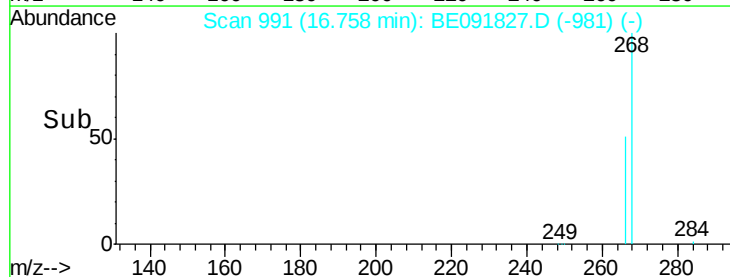
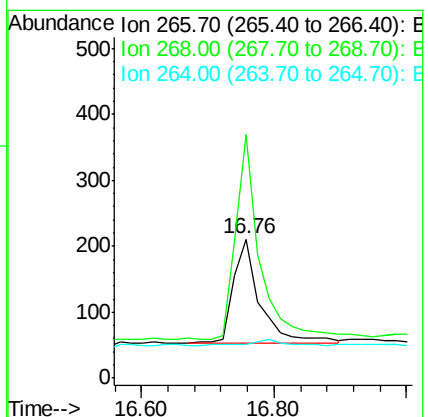
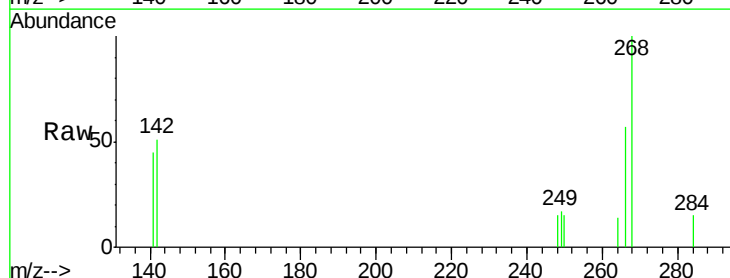
Instrument :
BNA_E
ClientSampleId :
AOC50MW002-160511

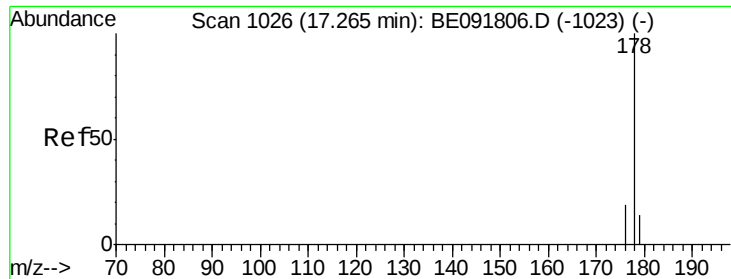
Tgt Ion: 284 Resp: 22
Ion Ratio Lower Upper
284 100
142 140.9 32.2 48.2#
249 4.5 25.4 38.2#



#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.76 min Scan# 991
Delta R.T. -0.03 min
Lab File: BE091827.D
Acq: 20 May 2016 1:44

Tgt Ion: 266 Resp: 427
Ion Ratio Lower Upper
266 100
268 174.9 58.2 87.2#
264 24.2 56.2 84.4#





#23

Phenanthrene

Concen: Below Cal

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

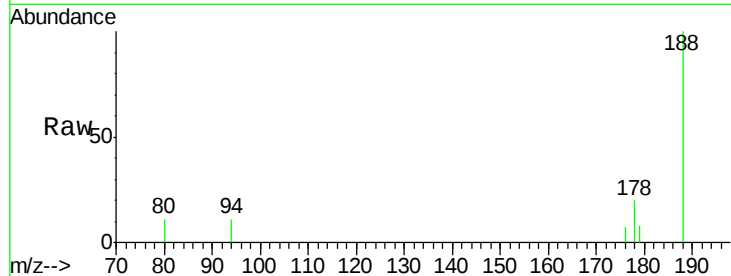
Tgt Ion:178 Resp: 1952

Ion Ratio Lower Upper

178 100

176 7.9 15.3 22.9#

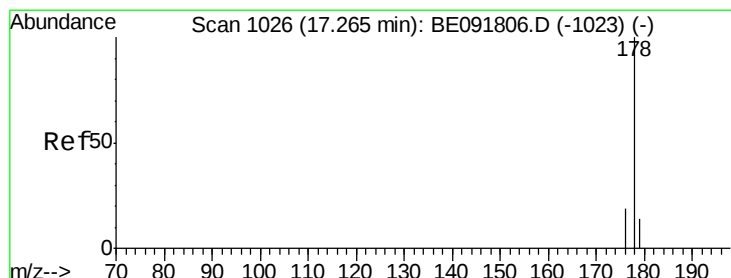
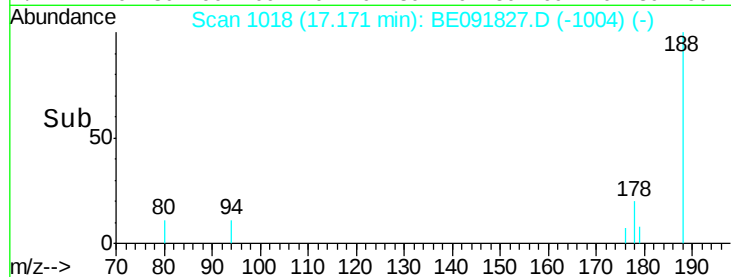
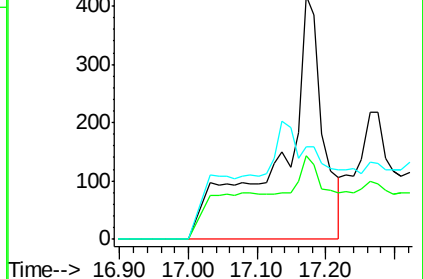
179 0.0 12.6 18.8#



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: 0.00 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

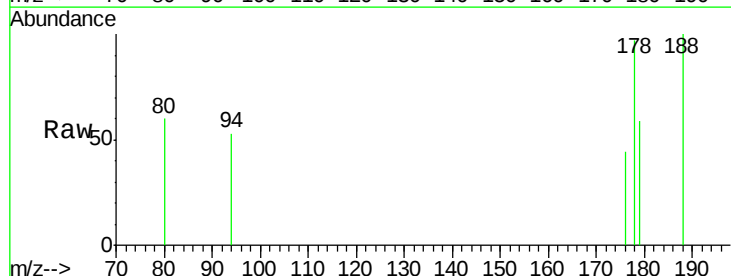
Tgt Ion:178 Resp: 226

Ion Ratio Lower Upper

178 100

176 16.4 14.6 21.8

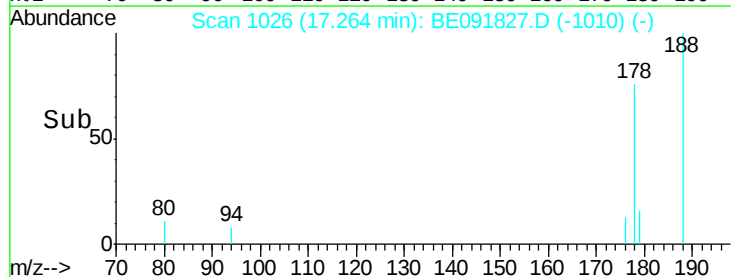
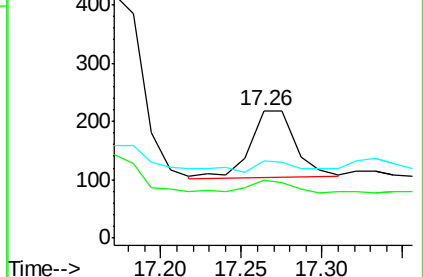
179 14.6 11.8 17.6

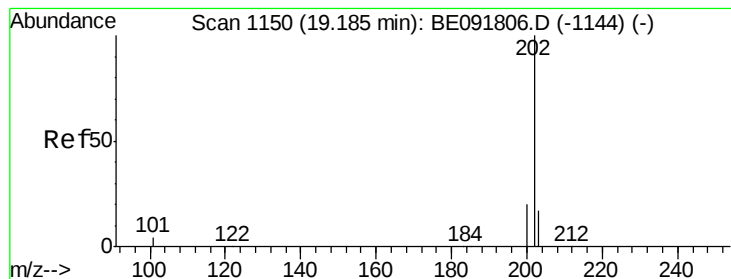


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.01 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

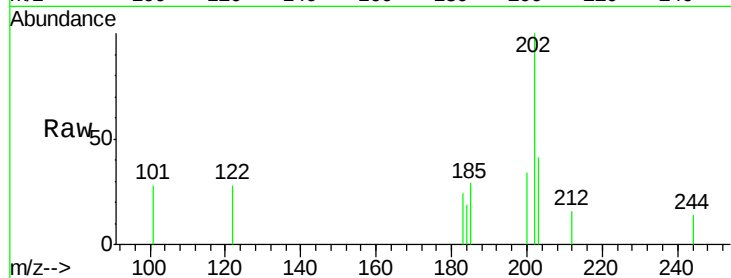
Tgt Ion:202 Resp: 607

Ion Ratio Lower Upper

202 100

101 20.1 11.0 16.6#

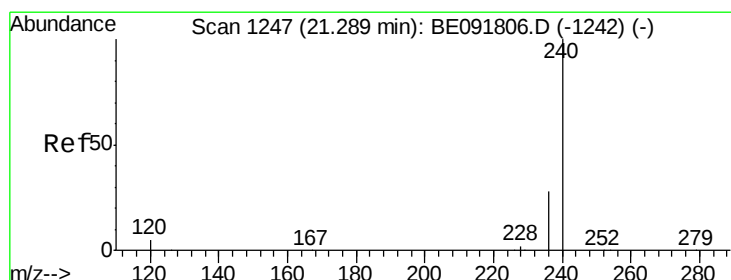
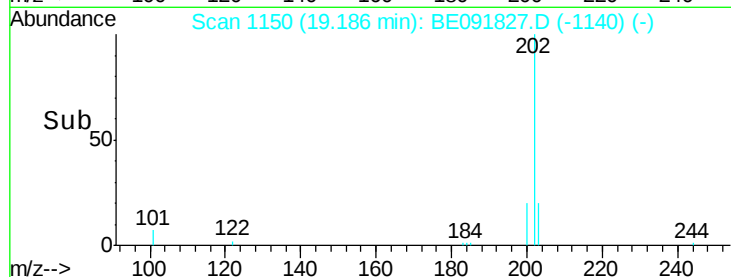
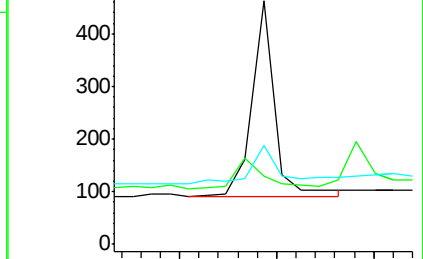
203 27.5 13.9 20.9#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

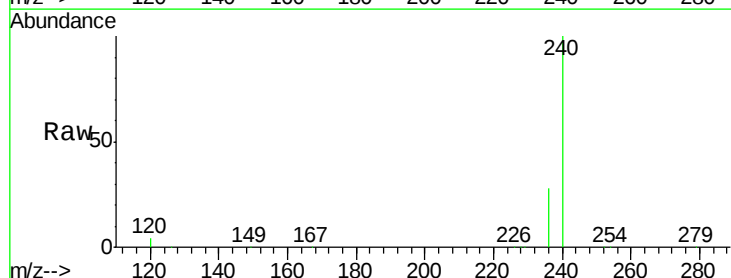
Tgt Ion:240 Resp: 283073

Ion Ratio Lower Upper

240 100

120 4.2 11.0 16.4#

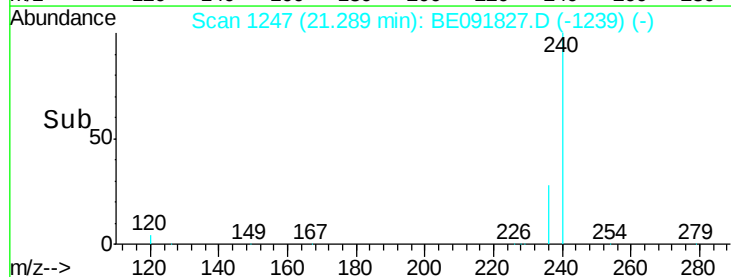
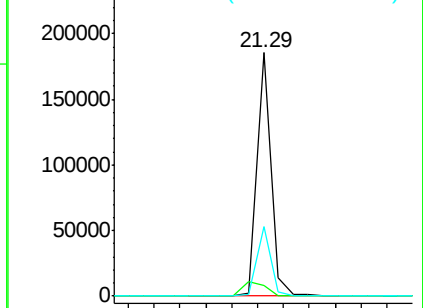
236 28.5 21.7 32.5

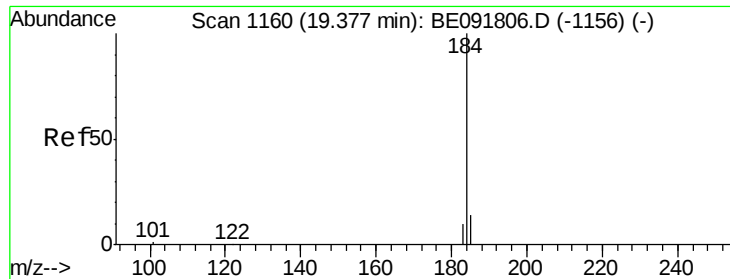


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.18 ng

RT: 19.74 min Scan# 1179

Delta R.T. 0.37 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

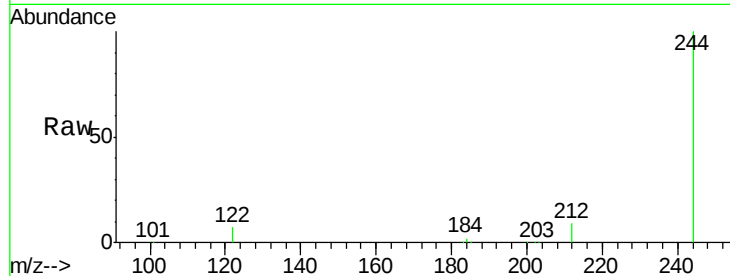
Tgt Ion:184 Resp: 3286

Ion Ratio Lower Upper

184 100

185 27.2 22.3 33.5

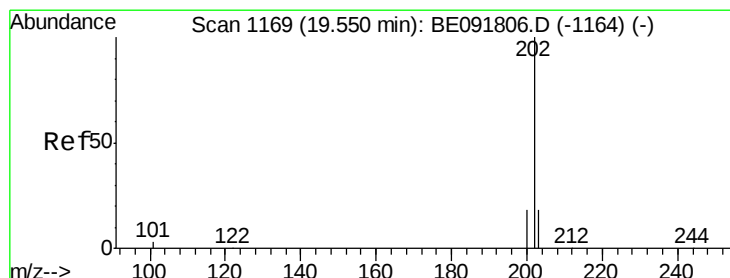
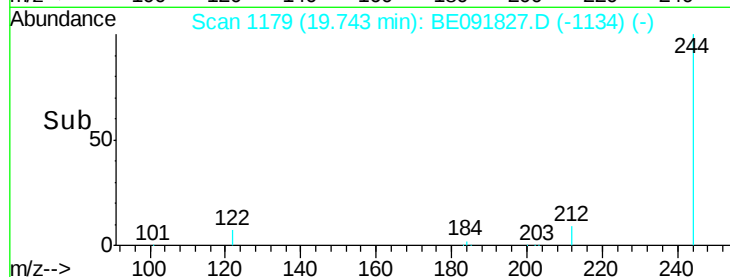
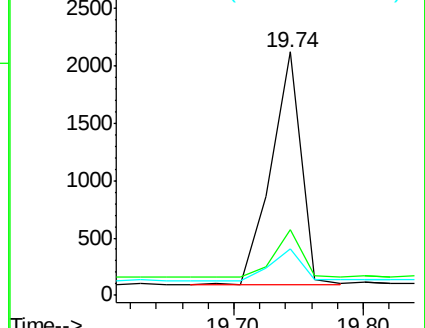
183 18.9 16.4 24.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.01 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

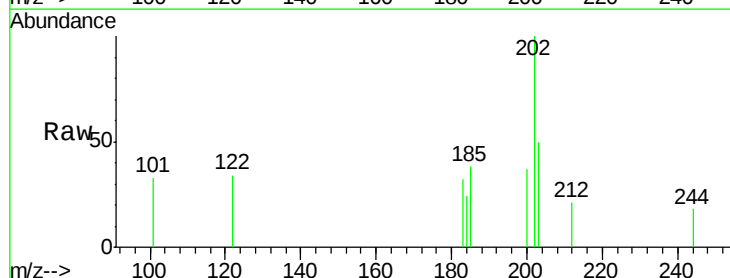
Tgt Ion:202 Resp: 596

Ion Ratio Lower Upper

202 100

200 25.3 16.8 25.2#

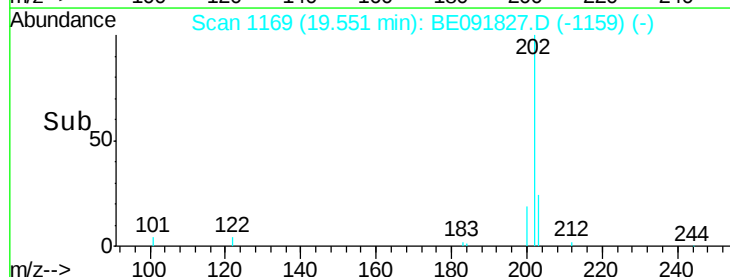
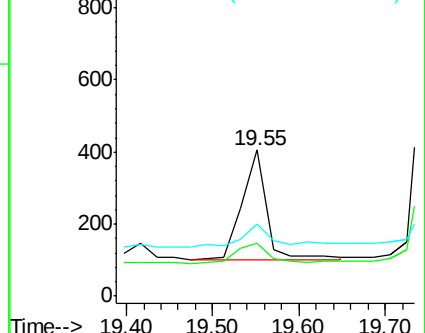
203 30.7 14.0 21.0#

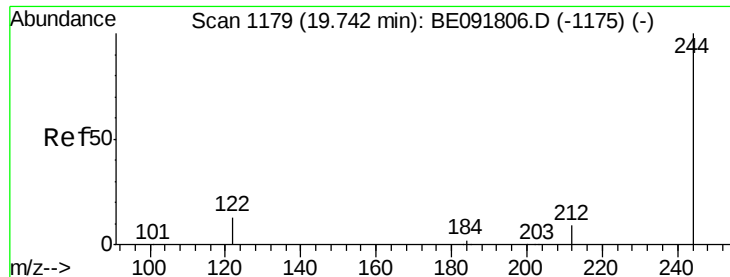


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.01 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

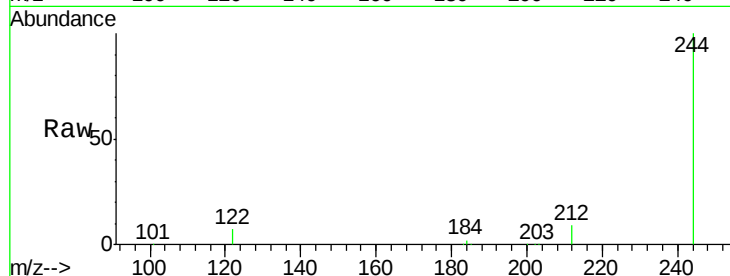
Tgt Ion:244 Resp: 200954

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

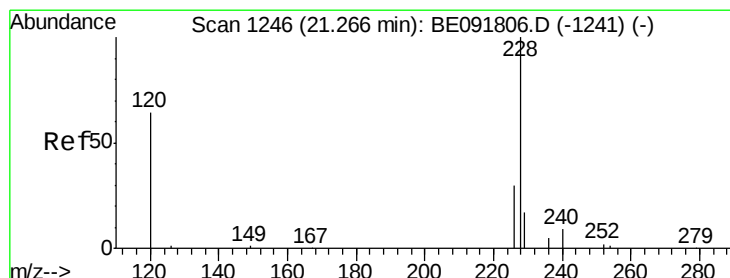
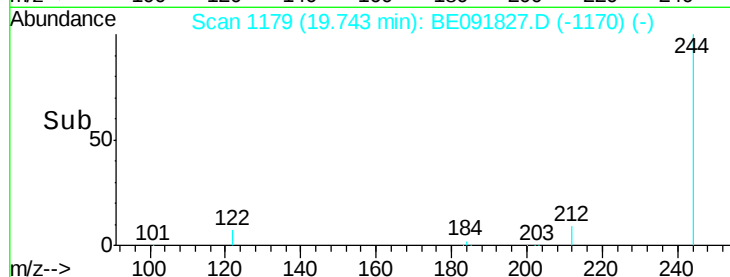
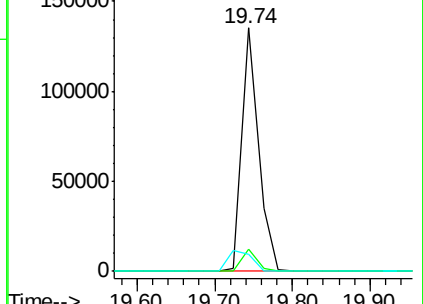
122 6.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

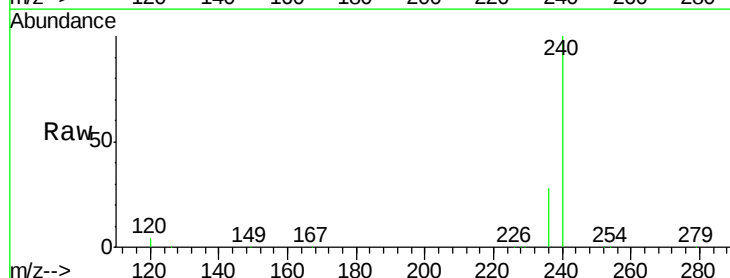
Tgt Ion:228 Resp: 1760

Ion Ratio Lower Upper

228 100

226 27.8 21.0 31.4

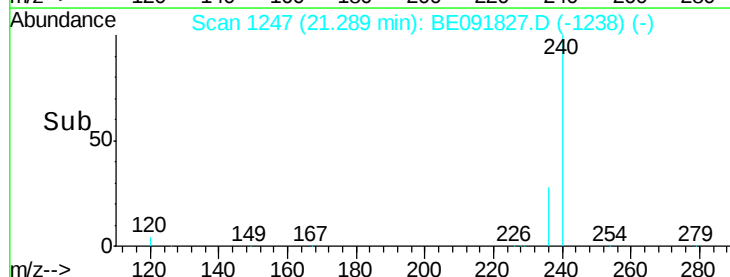
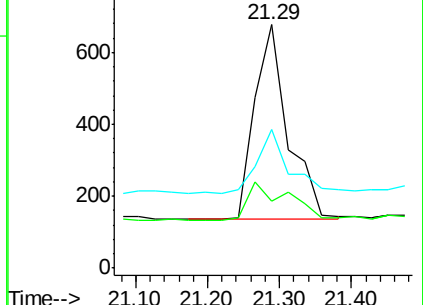
229 56.9 15.7 23.5#

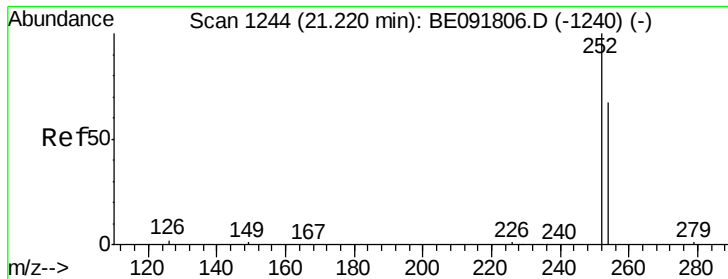


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

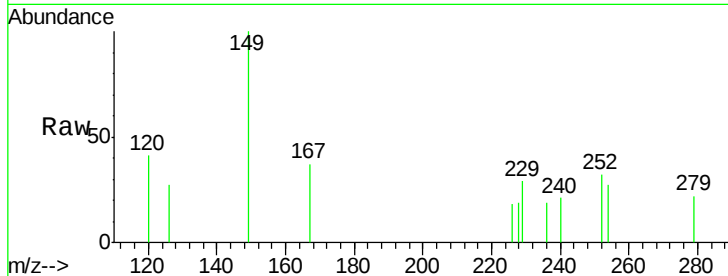




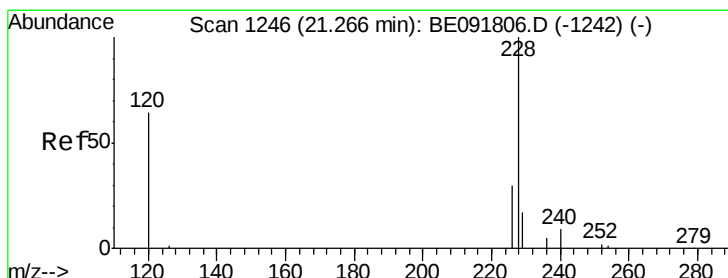
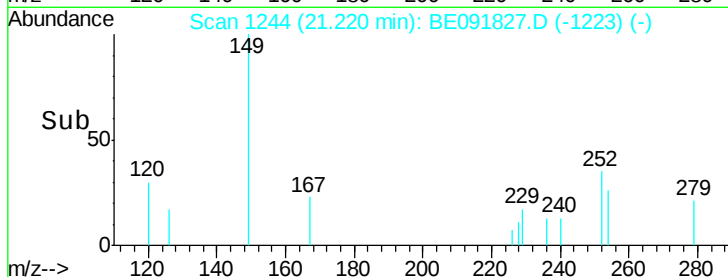
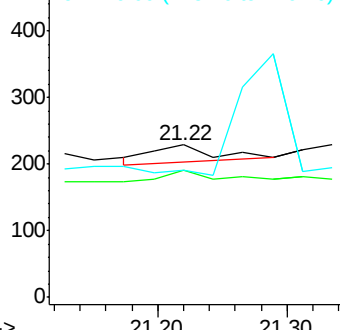
#31
 3,3'-Dichlorobenzidine
 Concen: 0.00 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091827.D
 Acq: 20 May 2016 1:44

Instrument :
 BNA_E
 ClientSampleId :
 AOC50MW002-160511

Tgt Ion: 252 Resp: 93
 Ion Ratio Lower Upper
 252 100
 254 83.4 51.1 76.7#
 126 83.0 12.6 18.8#

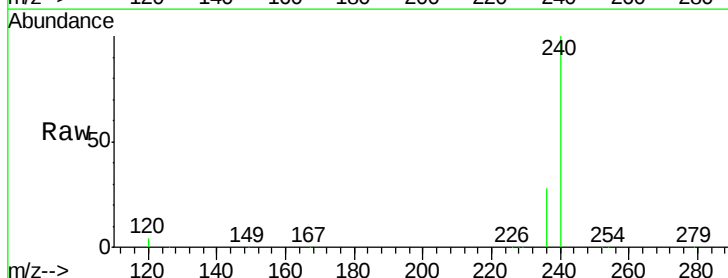


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

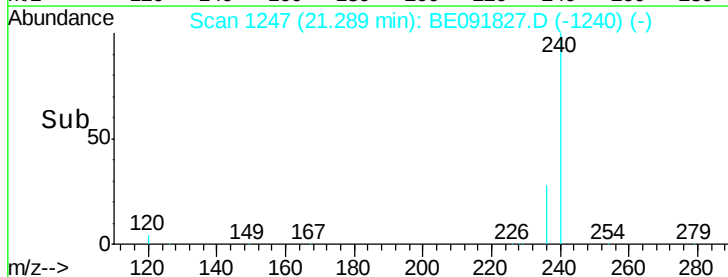
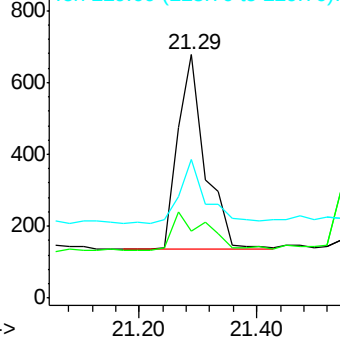


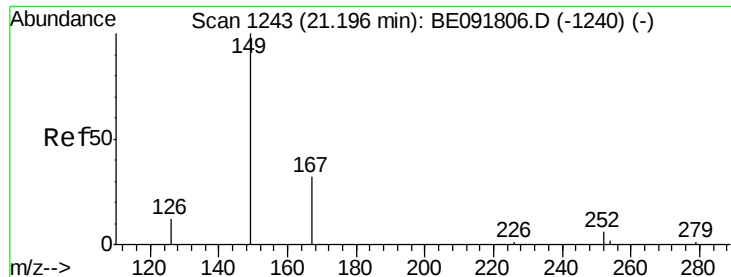
#32
 Chrysene
 Concen: 0.07 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: BE091827.D
 Acq: 20 May 2016 1:44

Tgt Ion: 228 Resp: 1780
 Ion Ratio Lower Upper
 228 100
 226 27.8 24.0 36.0
 229 56.9 15.9 23.9#



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

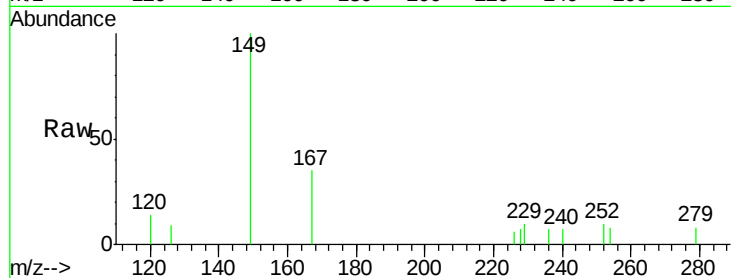
Tgt Ion:149 Resp: 2568

Ion Ratio Lower Upper

149 100

167 28.3 19.5 29.3

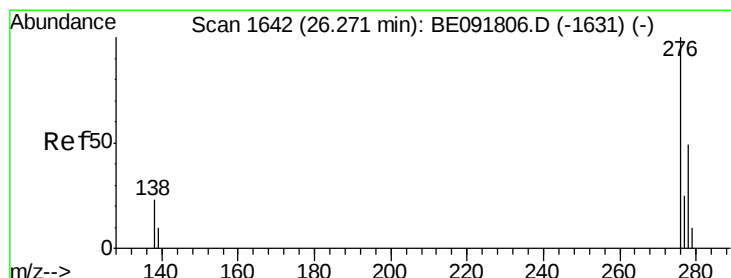
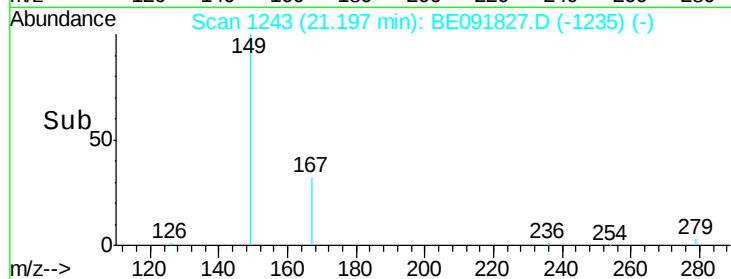
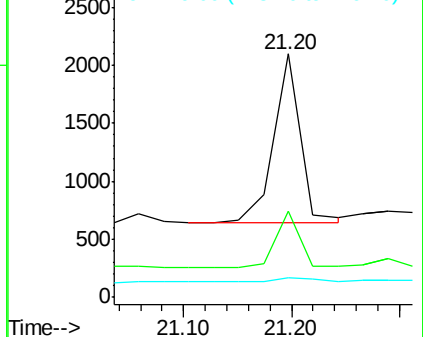
279 7.6 10.0 15.0#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 26.27 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

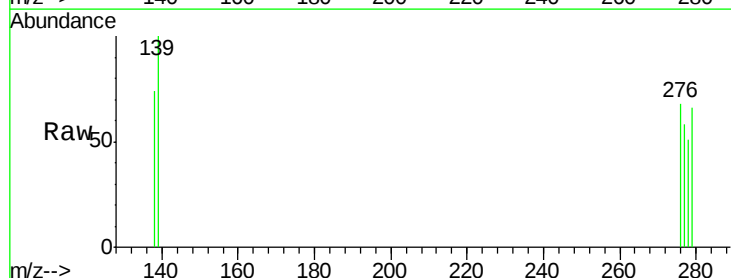
Tgt Ion:276 Resp: 469

Ion Ratio Lower Upper

276 100

138 80.0 23.4 35.2#

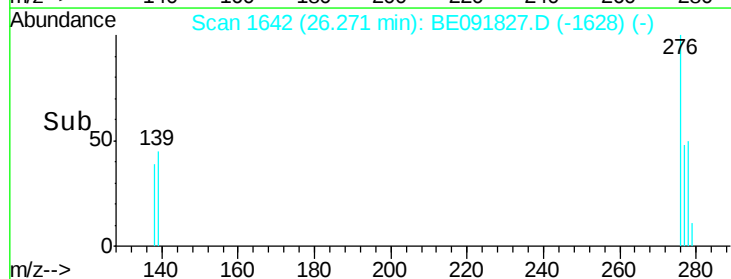
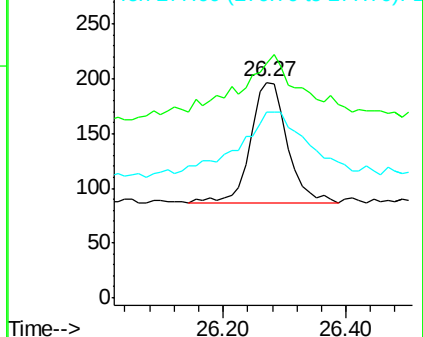
277 87.2 19.8 29.8#

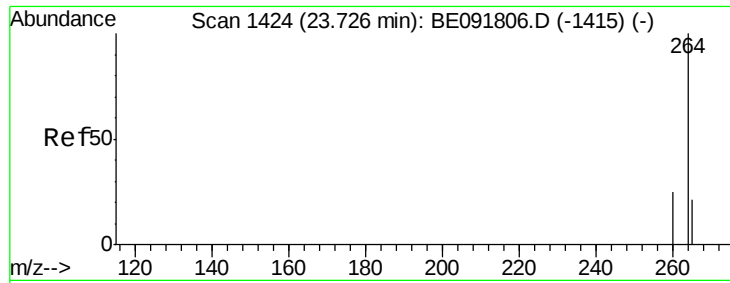


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

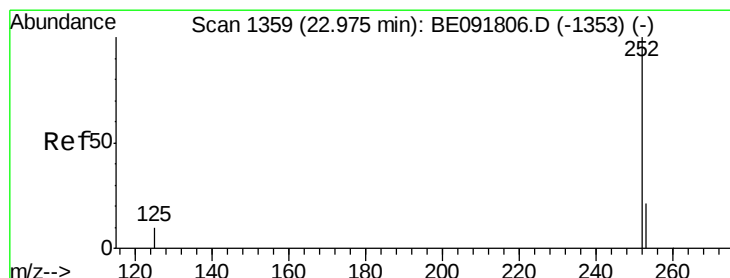
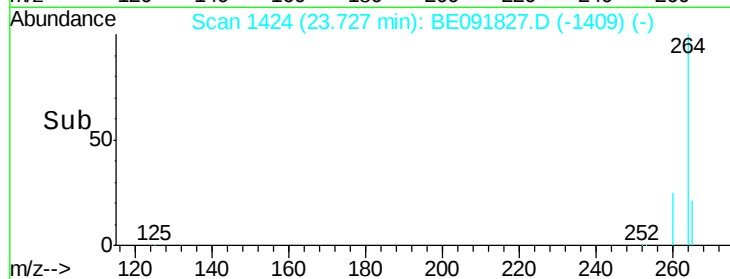
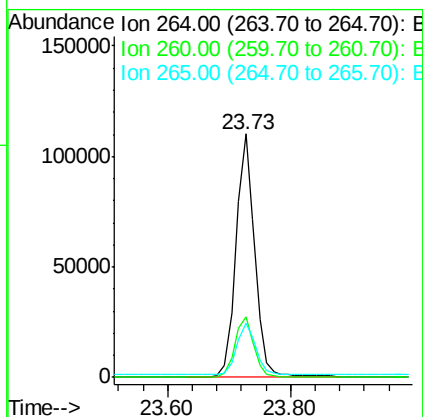
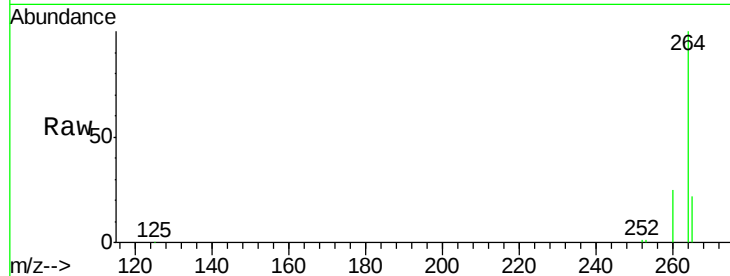




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091827.D
 Acq: 20 May 2016 1:44

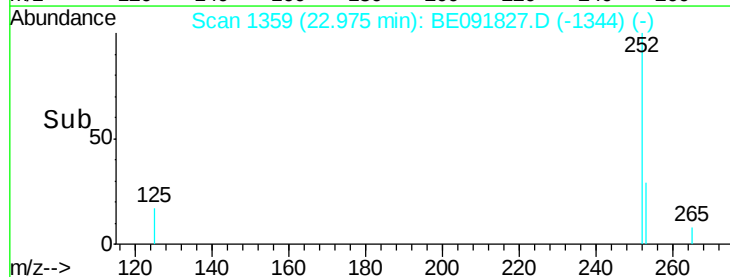
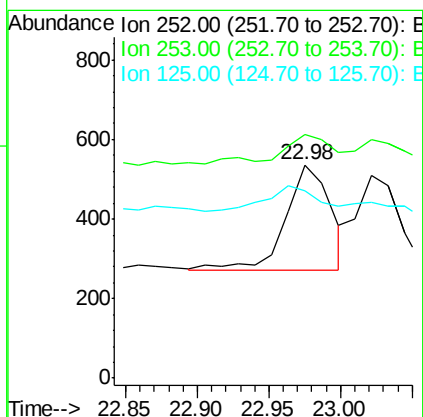
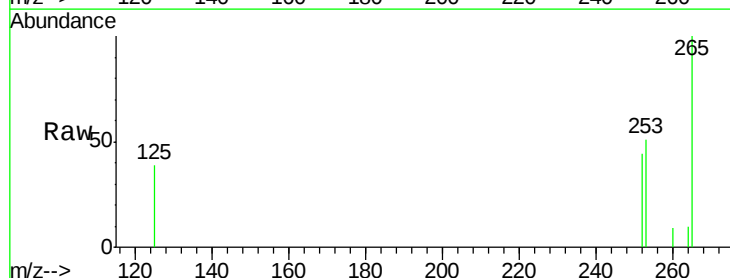
Instrument :
 BNA_E
 ClientSampleId :
 AOC50MW002-160511

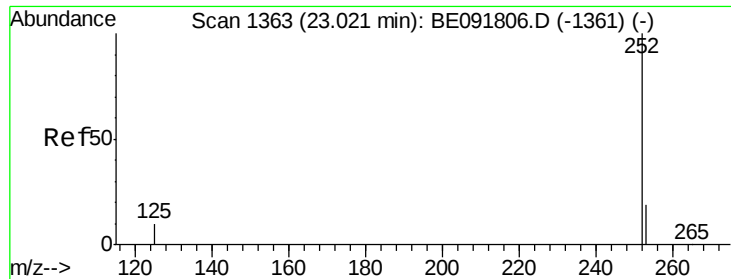
Tgt Ion: 264 Resp: 233972
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 22.5 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.98 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091827.D
 Acq: 20 May 2016 1:44

Tgt Ion: 252 Resp: 573
 Ion Ratio Lower Upper
 252 100
 253 114.2 17.4 26.0#
 125 88.1 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511

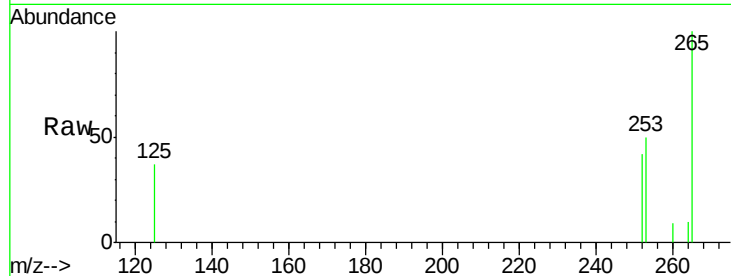
Tgt Ion: 252 Resp: 495

Ion Ratio Lower Upper

252 100

253 117.8 17.6 26.4#

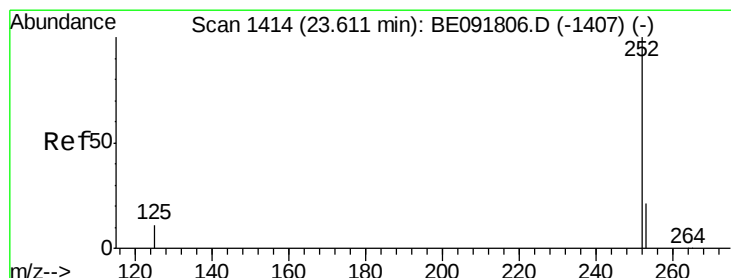
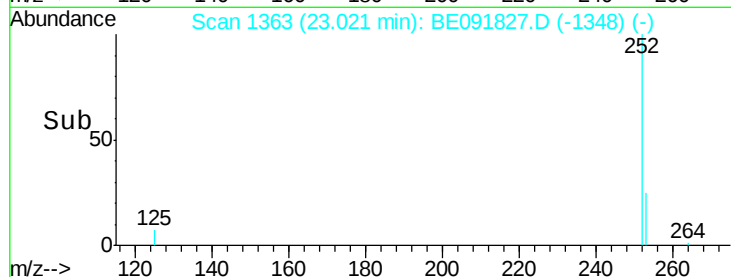
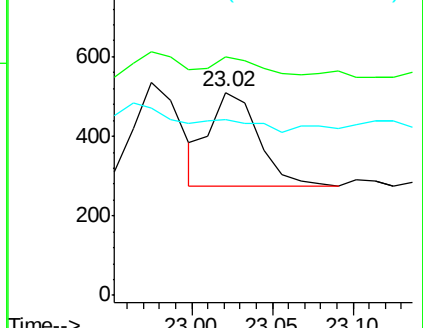
125 86.9 9.9 14.9#



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

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.60 min Scan# 1413

Delta R.T. -0.03 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

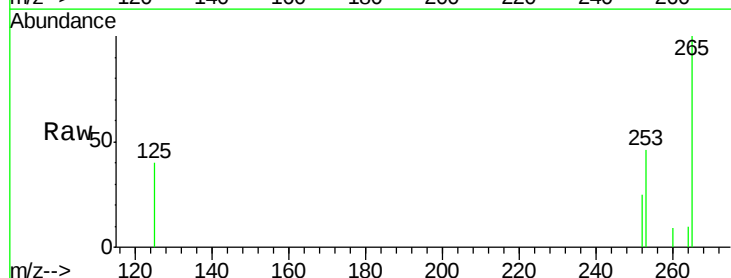
Tgt Ion: 252 Resp: 79

Ion Ratio Lower Upper

252 100

253 184.4 18.1 27.1#

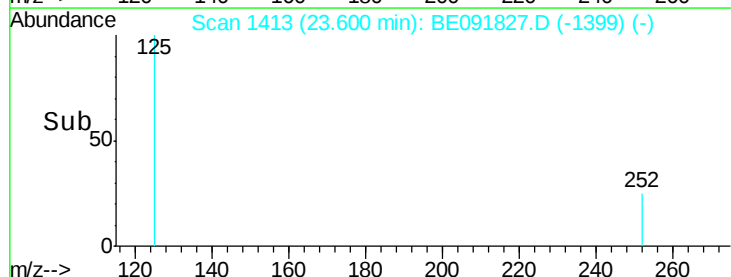
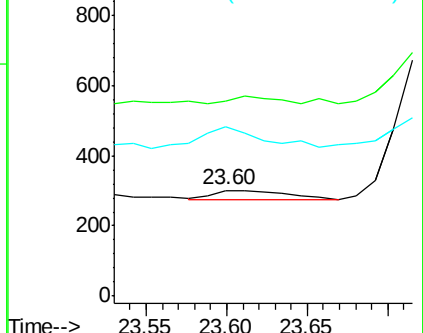
125 159.9 11.0 16.4#

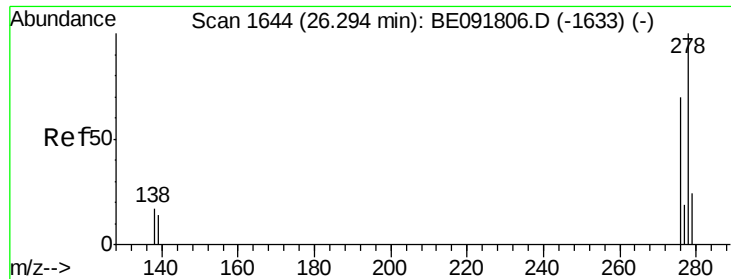


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091827.D

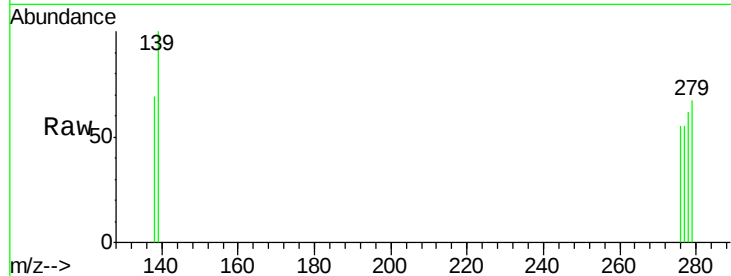
Acq: 20 May 2016 1:44

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-160511



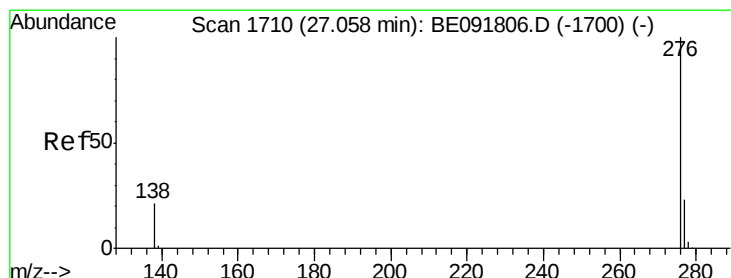
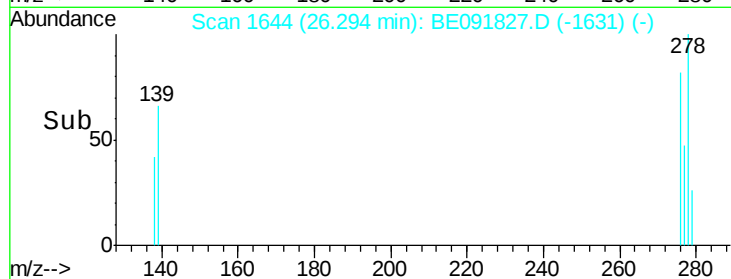
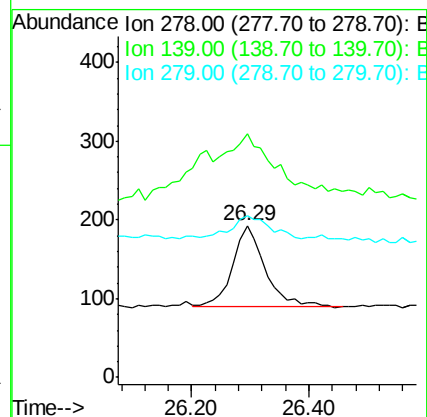
Tgt Ion: 278 Resp: 392

Ion Ratio Lower Upper

278 100

139 160.1 16.0 24.0#

279 106.7 19.4 29.2#



#40

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091827.D

Acq: 20 May 2016 1:44

Tgt Ion: 276 Resp: 345

Ion Ratio Lower Upper

276 100

277 71.3 18.6 28.0#

138 102.2 20.4 30.6#

