

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
 Data File : BE091781.D
 Acq On : 16 May 2016 19:42
 Operator : UM/SJ
 Sample : H3026-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-019MSD

Quant Time: May 17 04:02:24 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	62252	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	323724	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	198057	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	464526	5.00	ng	0.00
26) Chrysene-d12	21.31	240	448048	5.00	ng	0.00
35) Perylene-d12	23.74	264	472413	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	52791	3.45	ng	0.00
5) Phenol-d6	6.95	99	87227	4.30	ng	0.00
8) Nitrobenzene-d5	8.95	82	41734	2.00	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	29620	4.10	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	119013	2.12	ng	0.00
29) Terphenyl-d14	19.76	244	182810	2.62	ng	0.00

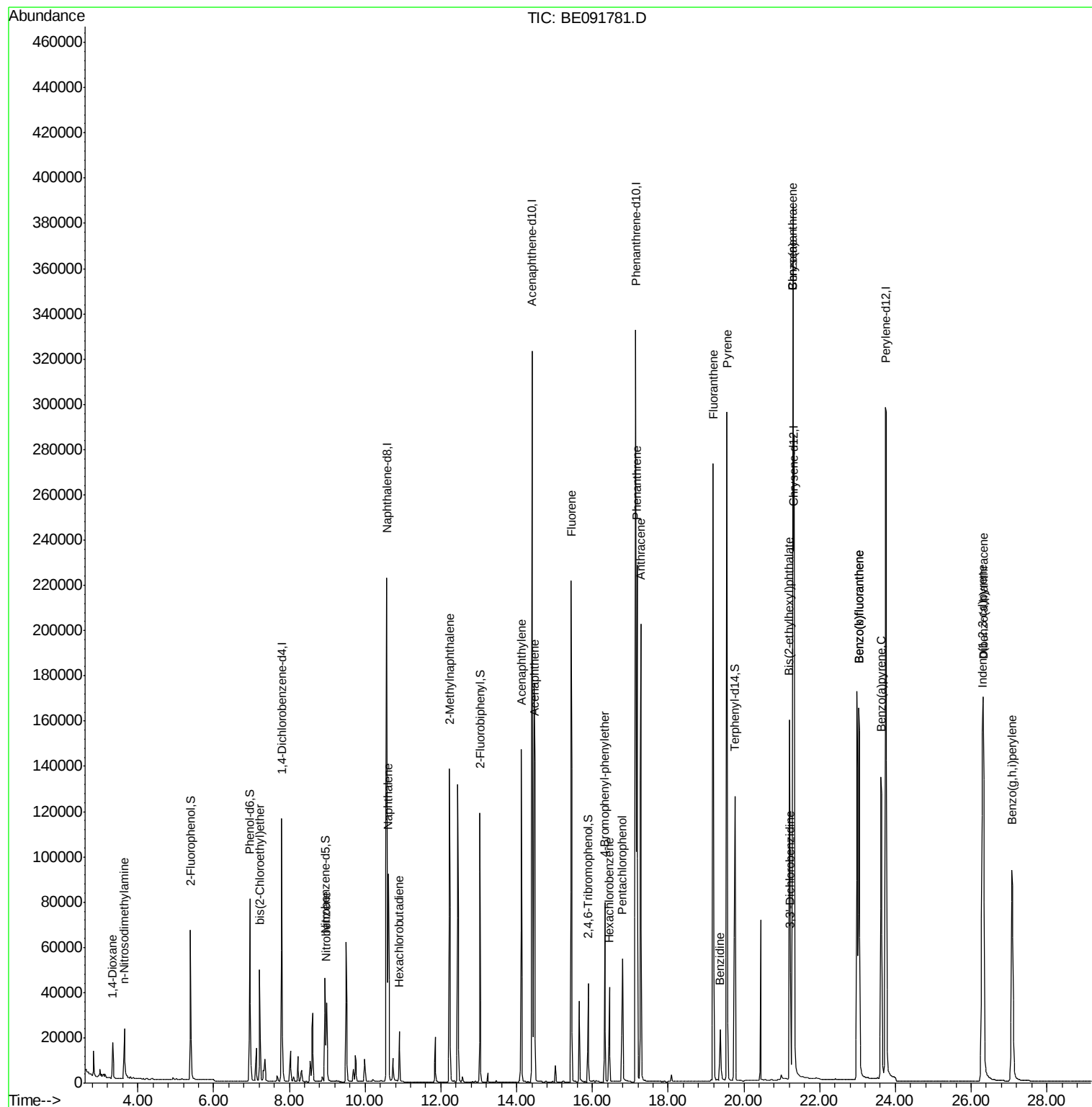
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	10641	1.40	ng	93
3) n-Nitrosodimethylamine	3.64	42	18162	1.61	ng	# 98
6) bis(2-Chloroethyl)ether	7.21	93	36547	2.05	ng	# 77
9) Nitrobenzene	8.98	77	44500	2.04	ng	93
10) Naphthalene	10.61	128	136990	2.09	ng	98
11) Hexachlorobutadiene	10.90	225	21035	2.18	ng	97
12) 2-Methylnaphthalene	12.23	142	100138	2.38	ng	99
16) Acenaphthylene	14.12	152	178643	2.34	ng	# 86
17) Acenaphthene	14.47	154	104174	2.11	ng	89
18) Fluorene	15.44	166	138254	2.25	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	38267	2.29	ng	94
21) Hexachlorobenzene	16.45	284	38855	2.33	ng	99
22) Pentachlorophenol	16.79	266	38102	4.26	ng	89
23) Phenanthrene	17.18	178	236013	2.24	ng	100
24) Anthracene	17.27	178	225765	2.37	ng	98
25) Fluoranthene	19.19	202	271392	2.46	ng	# 96
27) Benzdine	19.38	184	39199	1.23	ng	# 77
28) Pyrene	19.55	202	287887	2.84	ng	99
30) Benzo(a)anthracene	21.29	228	247331	2.26	ng	# 89
31) 3,3'-Dichlorobenzidine	21.22	252	36360	0.65	ng	# 88
32) Chrysene	21.29	228	247319	2.17	ng	# 86
33) Bis(2-ethylhexyl)phthalate	21.20	149	187298	5.65	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.29	276	271359	2.68	ng	95
36) Benzo(b)fluoranthene	23.03	252	250050	2.26	ng	97
37) Benzo(k)fluoranthene	23.03	252	253619	2.25	ng	97
38) Benzo(a)pyrene	23.62	252	236861	2.27	ng	96
39) Dibenzo(a,h)anthracene	26.32	278	225545	2.28	ng	95
40) Benzo(g,h,i)perylene	27.08	276	229965	2.29	ng	95

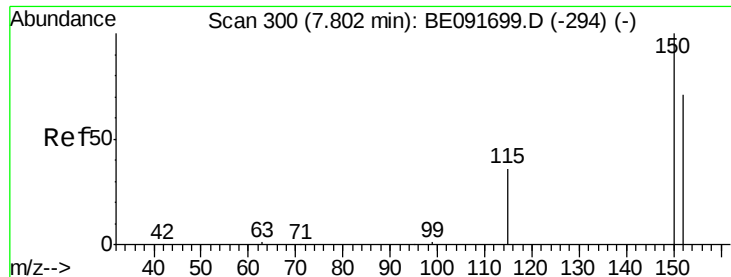
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

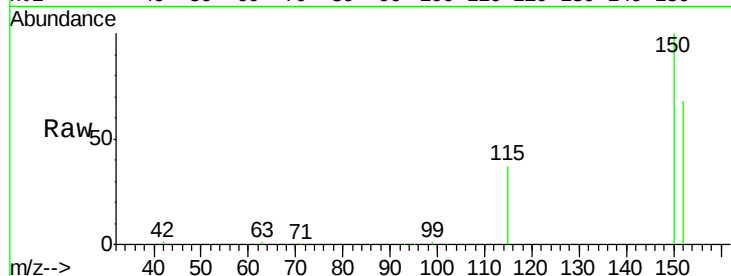
Tgt Ion:152 Resp: 62252

Ion Ratio Lower Upper

152 100

150 147.6 122.6 183.8

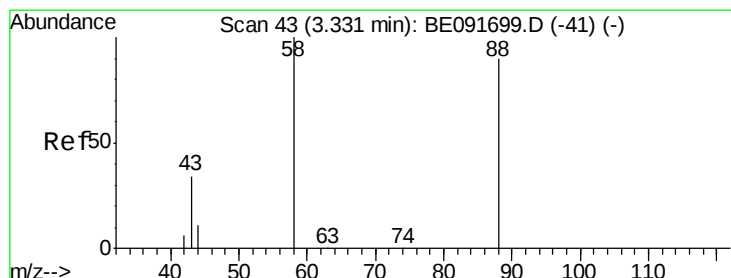
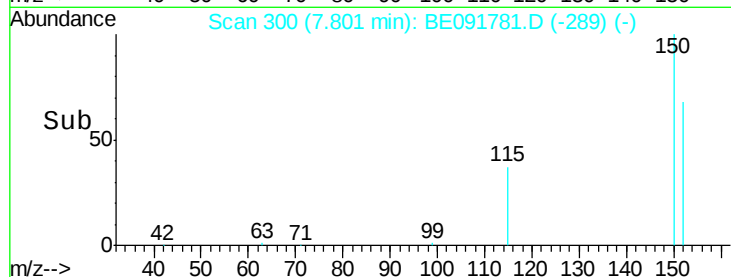
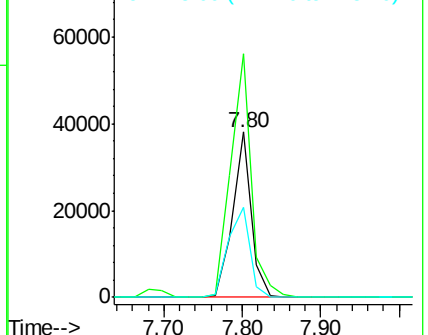
115 54.7 52.8 79.2



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



#2

1,4-Dioxane

Concen: 1.40 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

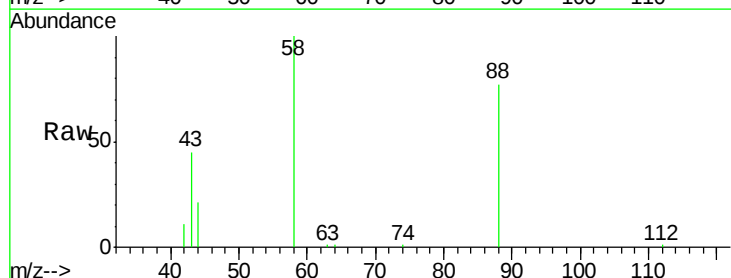
Tgt Ion: 88 Resp: 10641

Ion Ratio Lower Upper

88 100

58 87.3 65.8 98.6

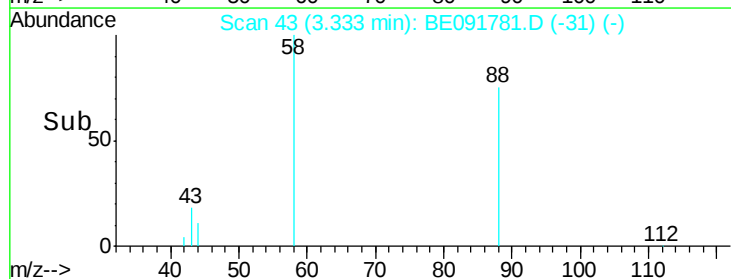
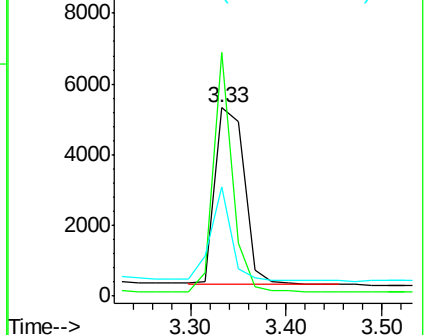
43 37.9 25.3 37.9

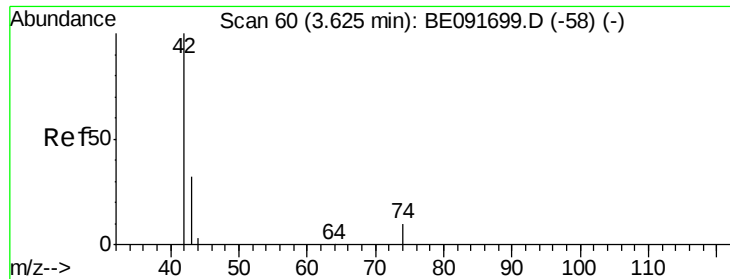


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.61 ng

RT: 3.64 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

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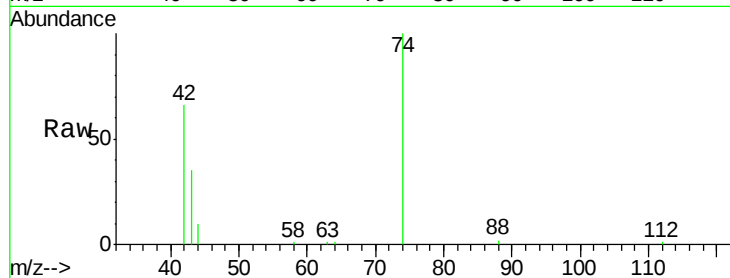
Tgt Ion: 42 Resp: 18162

Ion Ratio Lower Upper

42 100

74 108.4 87.9 131.9

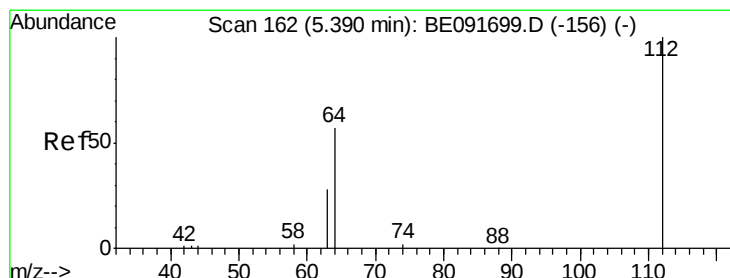
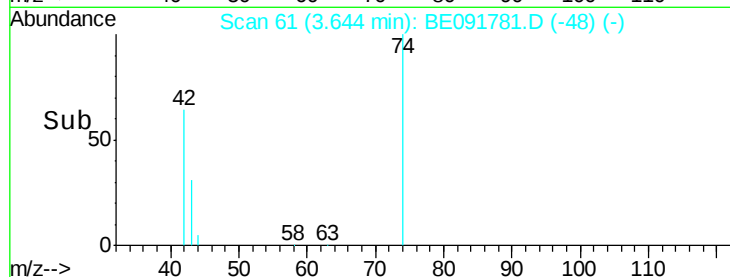
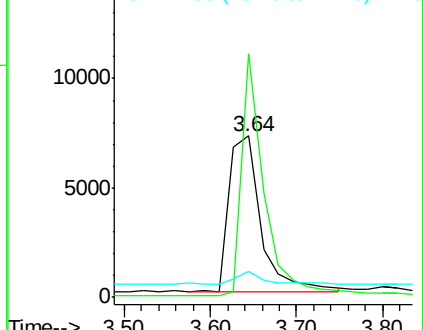
44 6.3 6.6 9.8#



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: 3.45 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

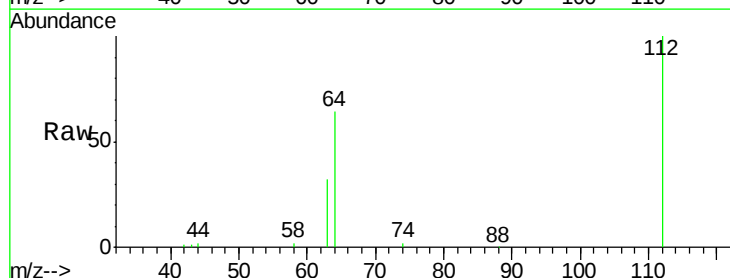
Tgt Ion: 112 Resp: 52791

Ion Ratio Lower Upper

112 100

64 65.8 30.9 46.3#

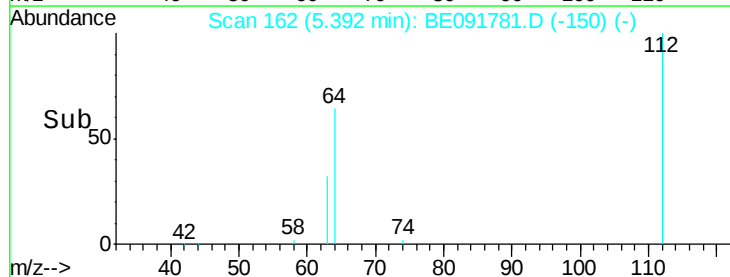
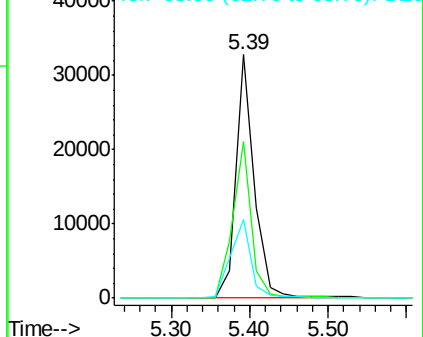
63 35.4 16.7 25.1#

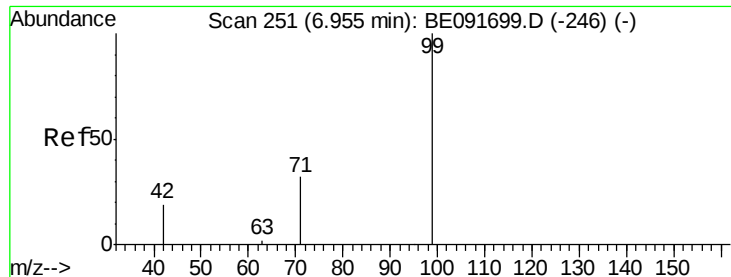


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.30 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

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WELDON-WC-SC-019MSD

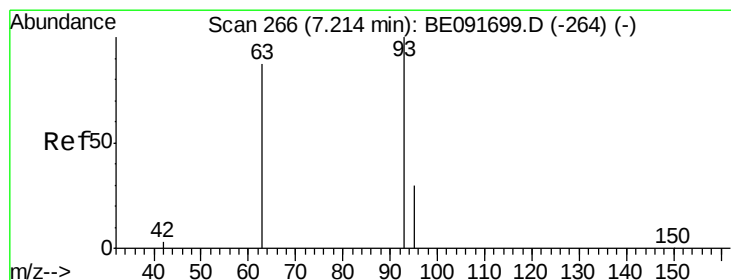
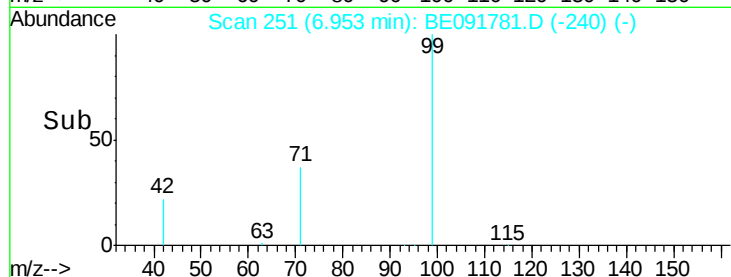
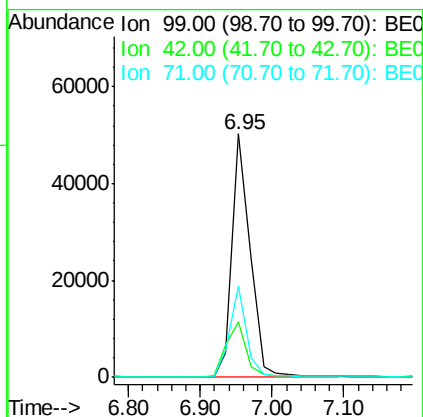
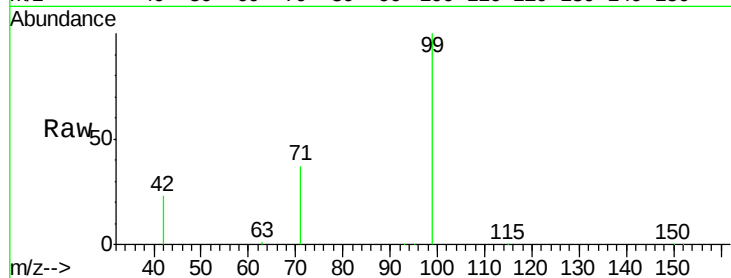
Tgt Ion: 99 Resp: 87227

Ion Ratio Lower Upper

99 100

42 24.8 16.2 24.2#

71 35.2 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 2.05 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

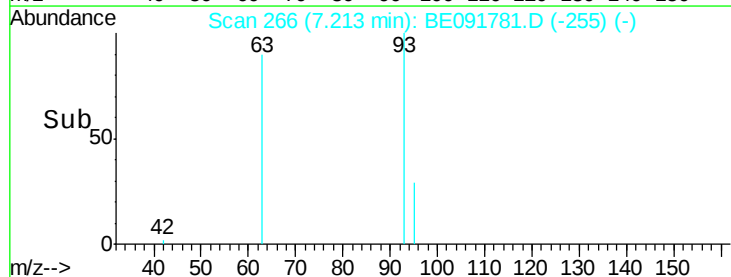
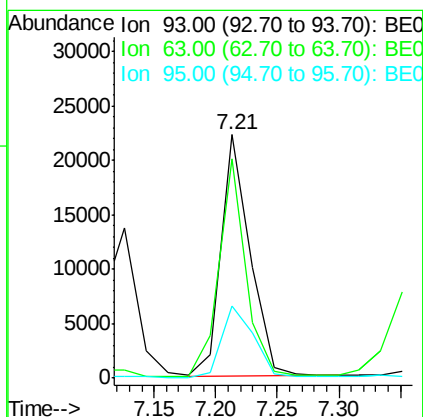
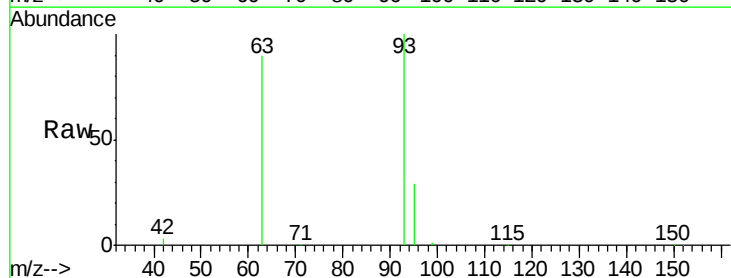
Tgt Ion: 93 Resp: 36547

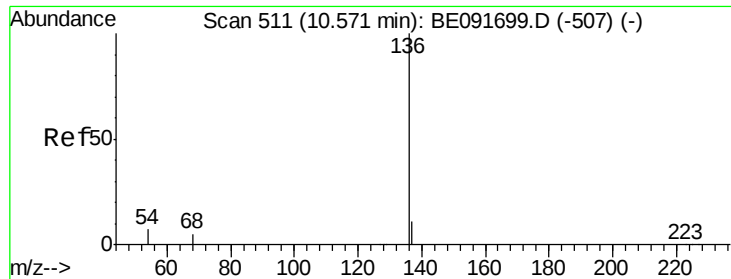
Ion Ratio Lower Upper

93 100

63 84.4 49.5 74.3#

95 32.5 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

Tgt Ion: 136 Resp: 323724

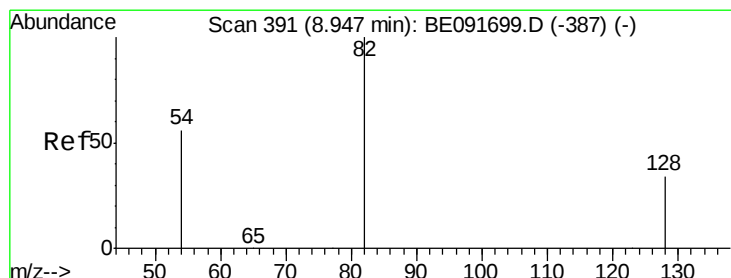
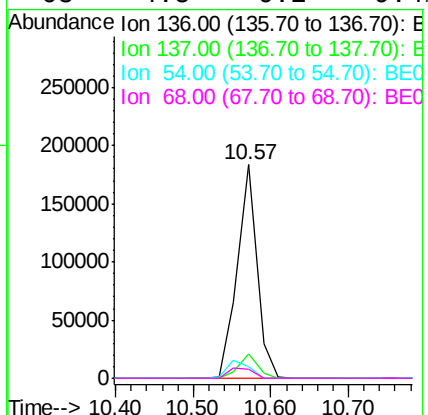
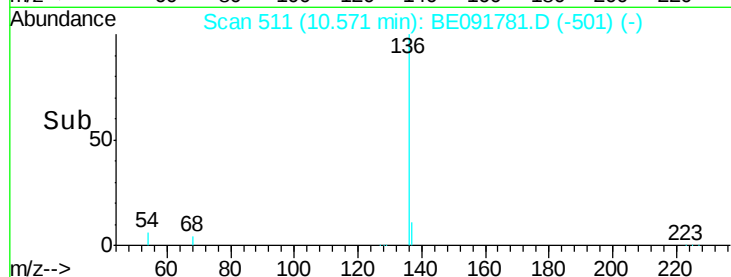
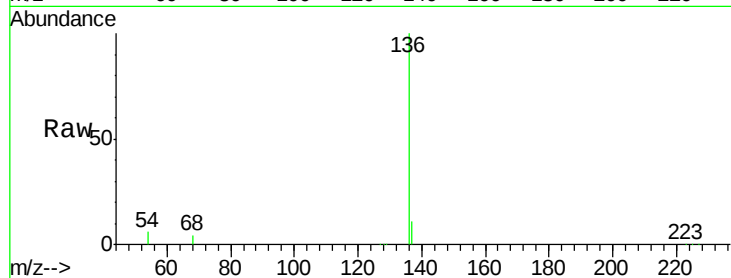
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.7 8.2 12.4#

68 4.5 6.2 9.4#



#8

Nitrobenzene-d5

Concen: 2.00 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

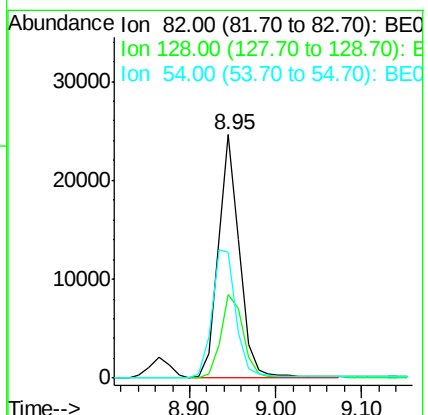
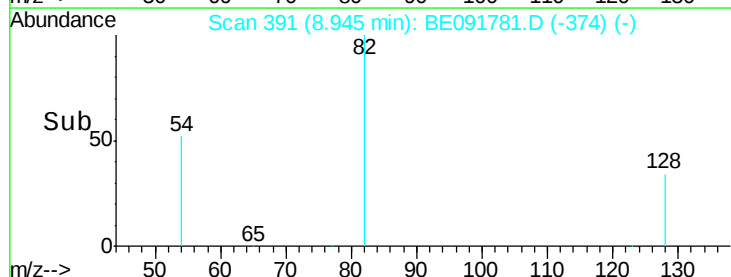
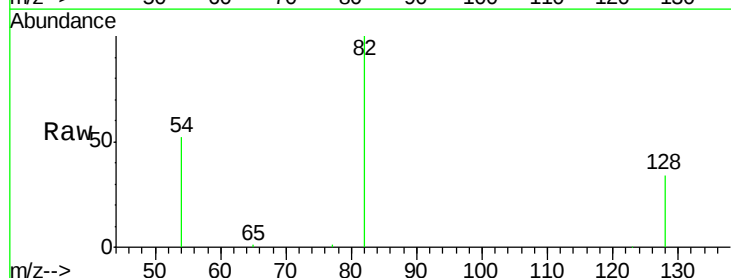
Tgt Ion: 82 Resp: 41734

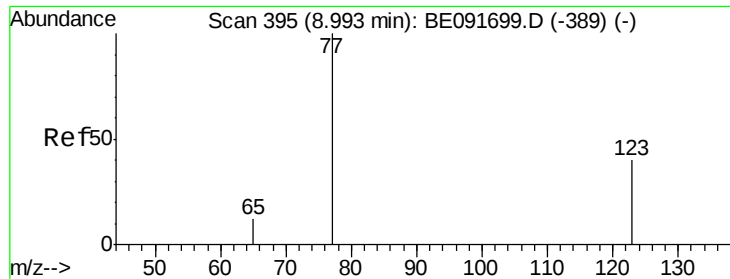
Ion Ratio Lower Upper

82 100

128 34.4 25.4 38.0

54 51.8 48.4 72.6





#9

Nitrobenzene

Concen: 2.04 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

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ClientSampleId :

WELDON-WC-SC-019MSD

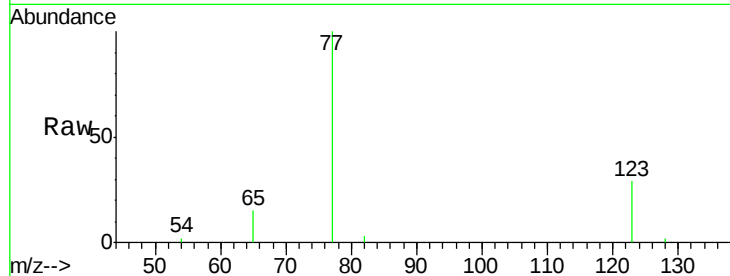
Tgt Ion: 77 Resp: 44500

Ion Ratio Lower Upper

77 100

123 38.1 26.9 40.3

65 14.0 9.4 14.2



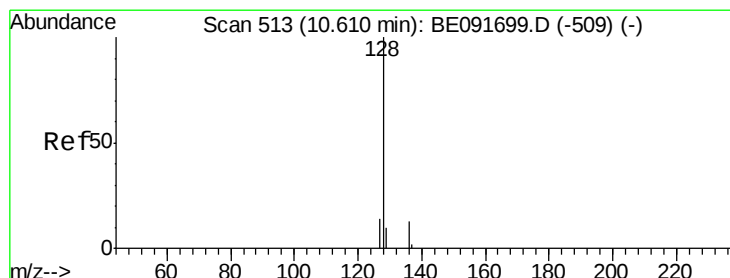
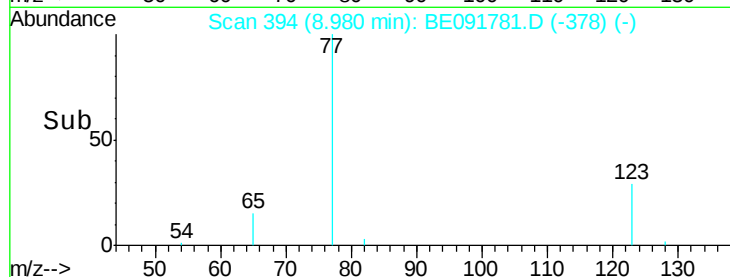
Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)

8.98

Time--> 8.80 8.90 9.00 9.10 9.20



#10

Naphthalene

Concen: 2.09 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

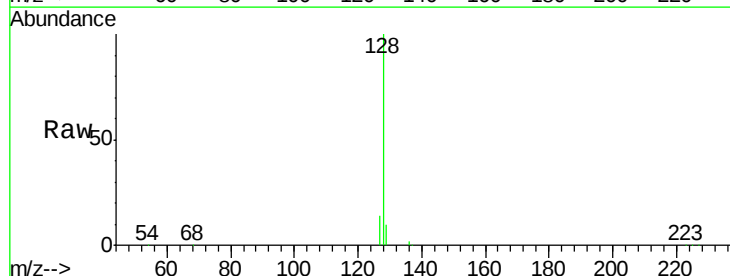
Tgt Ion: 128 Resp: 136990

Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

127 13.8 10.7 16.1



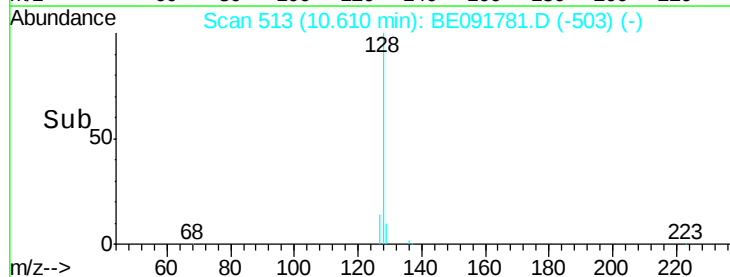
Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

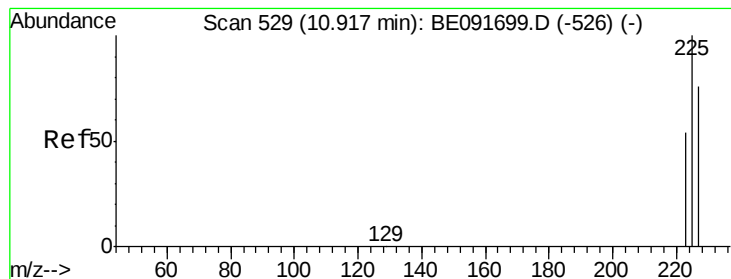
Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)

10.61

Time--> 10.50 10.60 10.70





#11

Hexachlorobutadiene

Concen: 2.18 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091781.D

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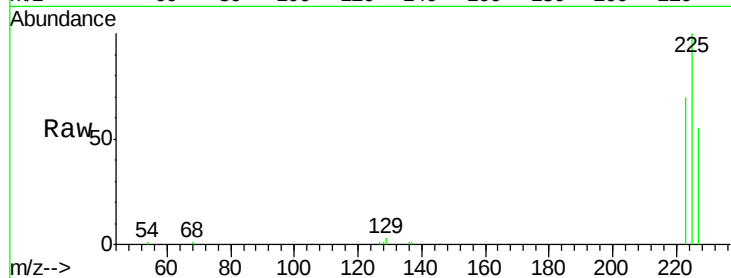
Tgt Ion: 225 Resp: 21035

Ion Ratio Lower Upper

225 100

223 64.0 49.0 73.6

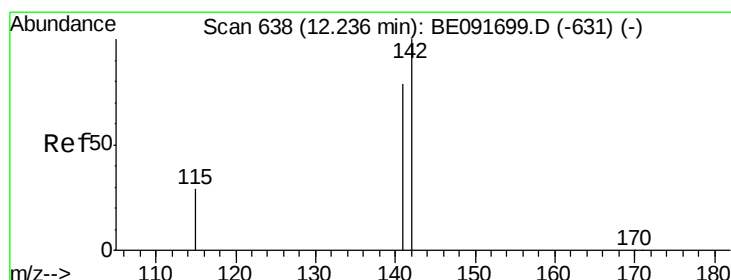
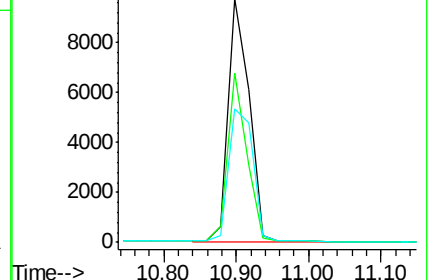
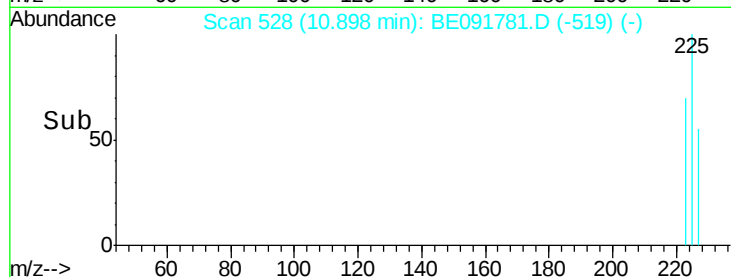
227 64.3 50.3 75.5



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



#12

2-Methylnaphthalene

Concen: 2.38 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

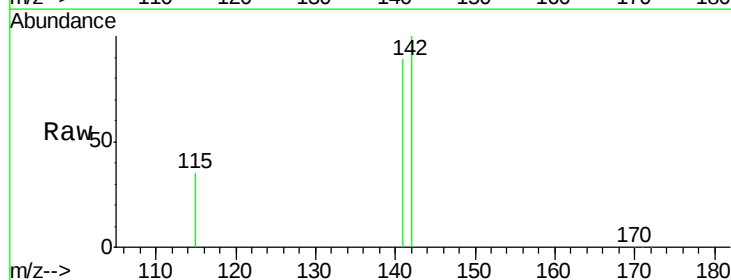
Tgt Ion: 142 Resp: 100138

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.0

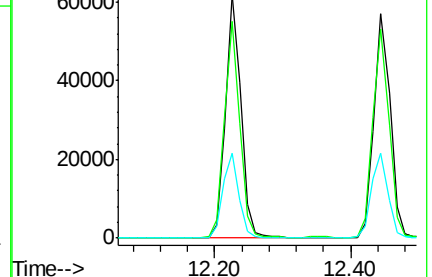
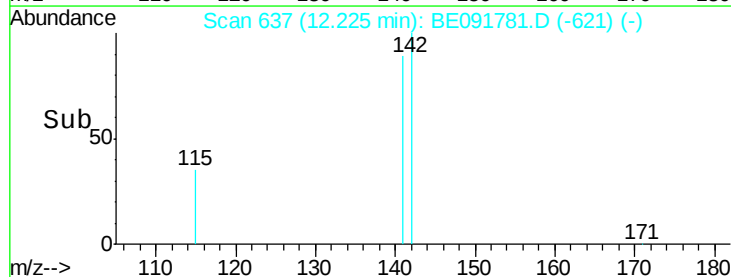
115 35.0 30.3 45.5

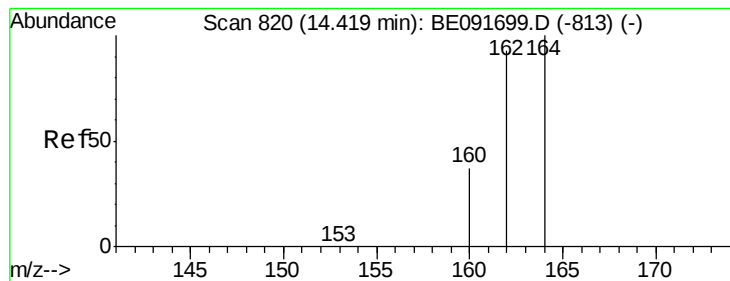


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091781.D

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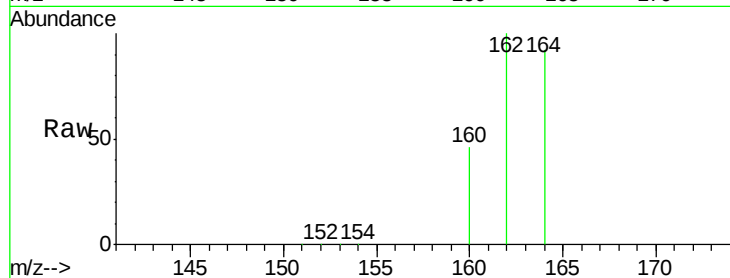
Tgt Ion:164 Resp: 198057

Ion Ratio Lower Upper

164 100

162 108.4 85.3 127.9

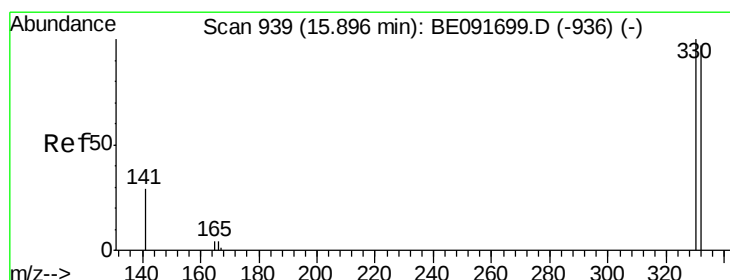
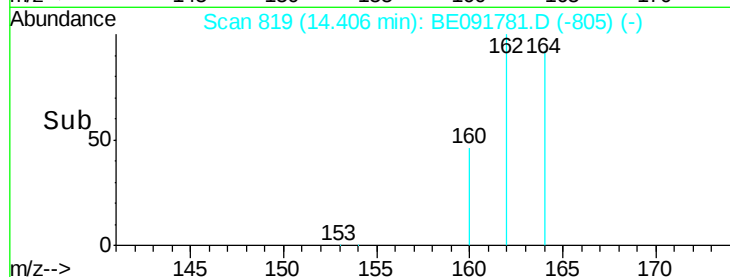
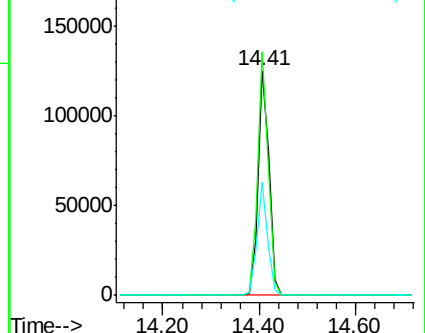
160 50.1 46.2 69.2



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: 4.10 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

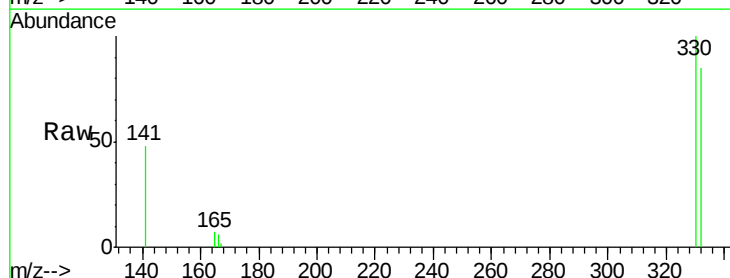
Tgt Ion:330 Resp: 29620

Ion Ratio Lower Upper

330 100

332 96.1 79.1 118.7

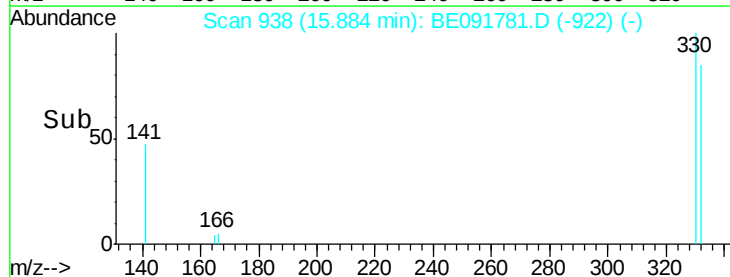
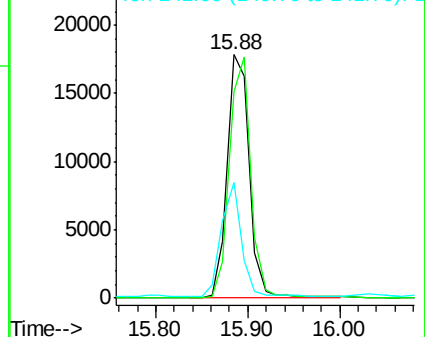
141 42.3 125.4 188.0#

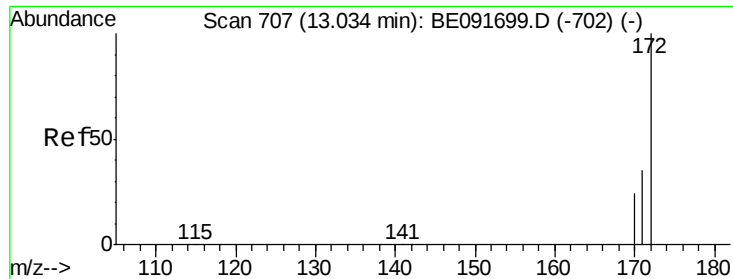


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

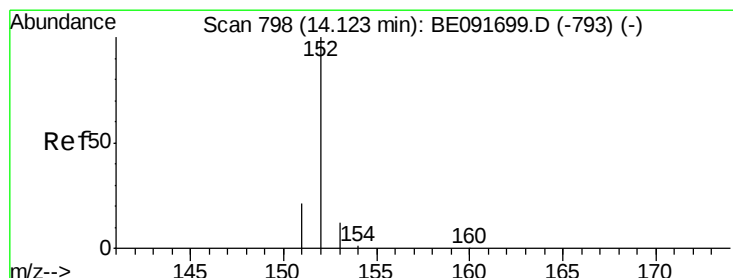
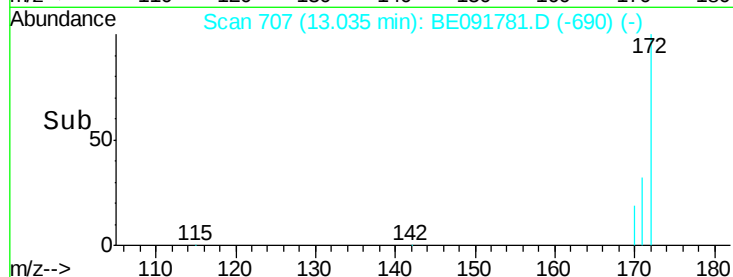
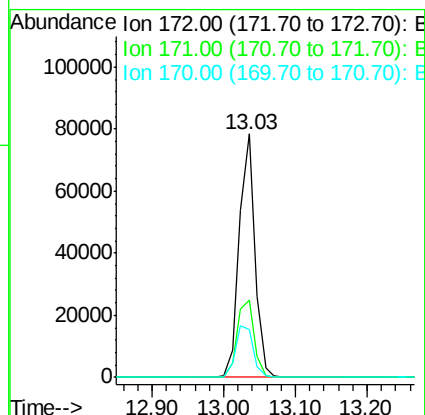
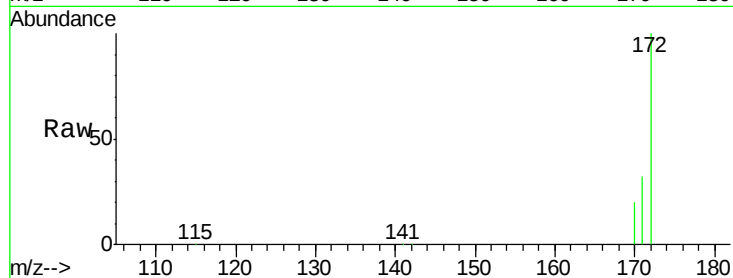




#15
2-Fluorobiphenyl
Concen: 2.12 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

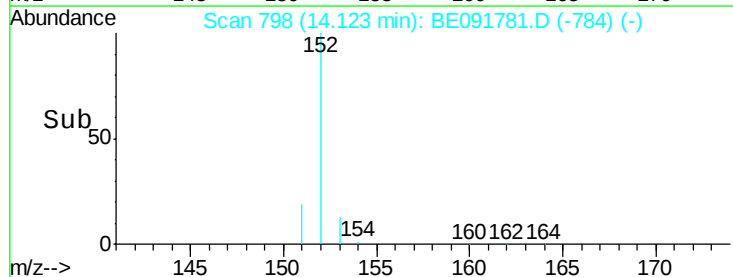
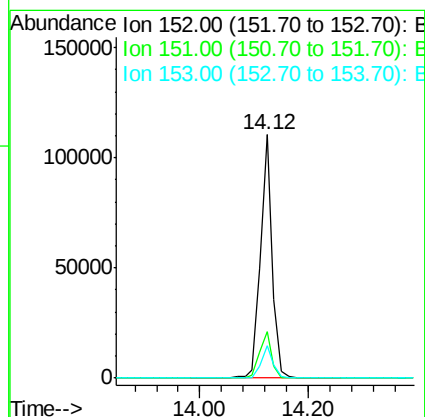
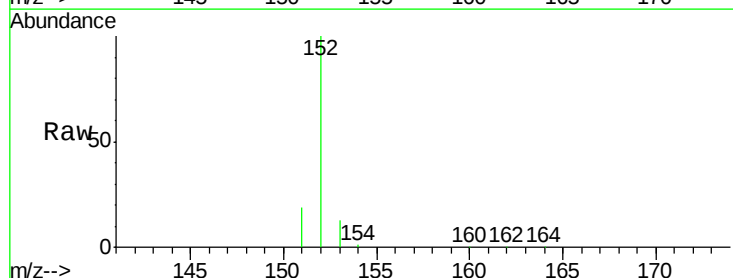
Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019MSD

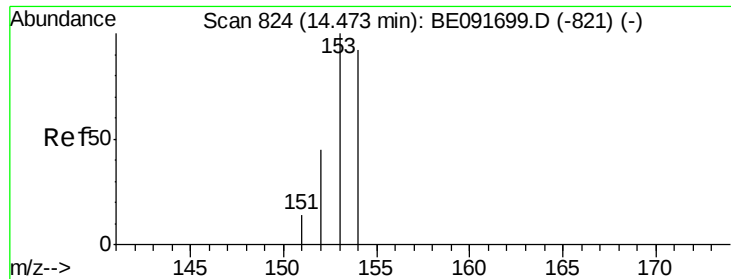
Tgt Ion:172 Resp: 119013
Ion Ratio Lower Upper
172 100
171 31.8 28.8 43.2
170 19.5 19.3 28.9



#16
Acenaphthylene
Concen: 2.34 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Tgt Ion:152 Resp: 178643
Ion Ratio Lower Upper
152 100
151 20.1 3.9 5.9#
153 13.5 10.3 15.5





#17

Acenaphthene

Concen: 2.11 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

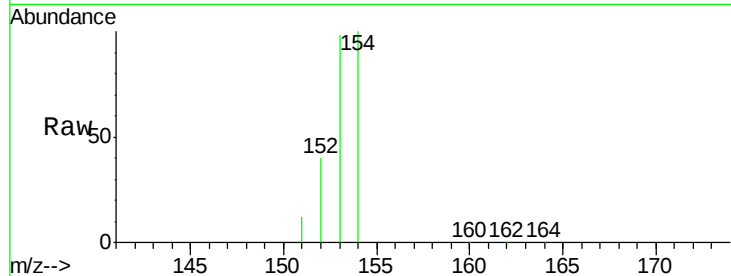
Tgt Ion:154 Resp: 104174

Ion Ratio Lower Upper

154 100

153 112.6 80.0 120.0

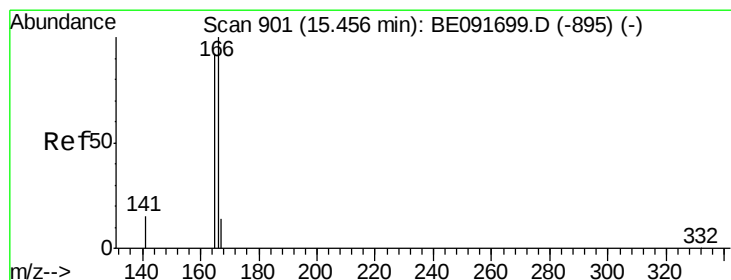
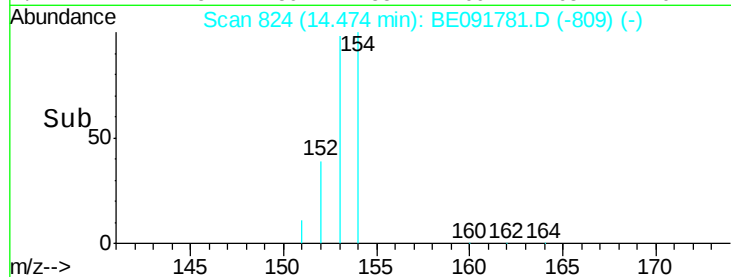
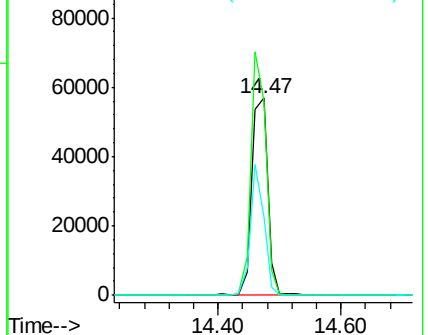
152 54.8 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 2.25 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

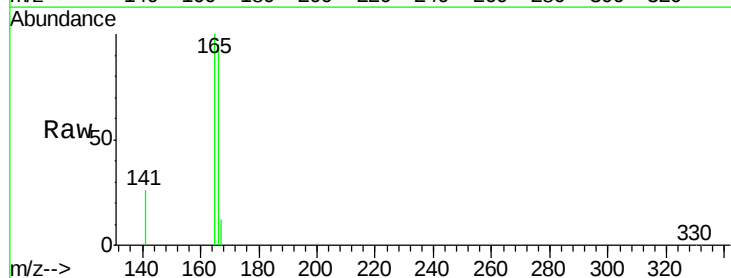
Tgt Ion:166 Resp: 138254

Ion Ratio Lower Upper

166 100

165 98.9 80.8 121.2

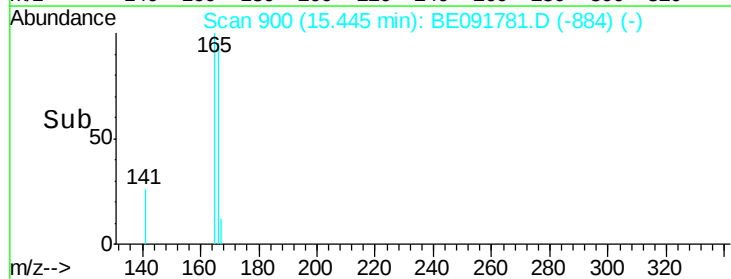
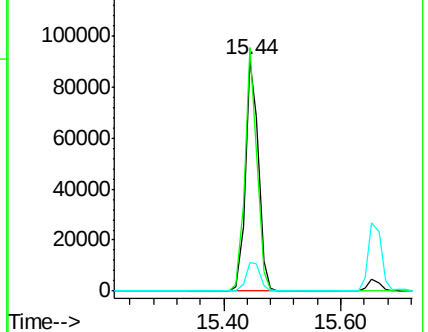
167 13.5 10.9 16.3

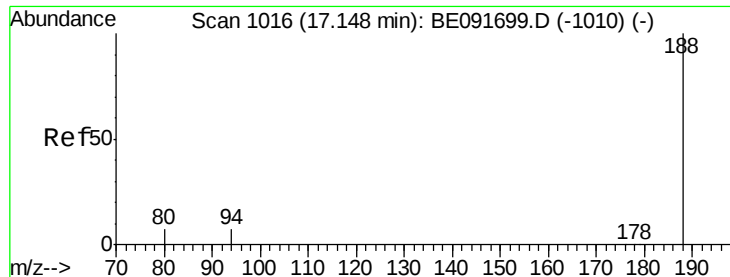


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

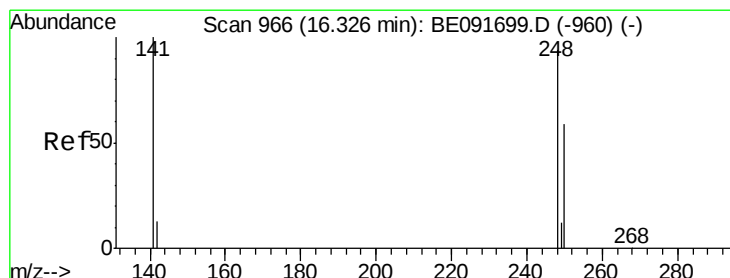
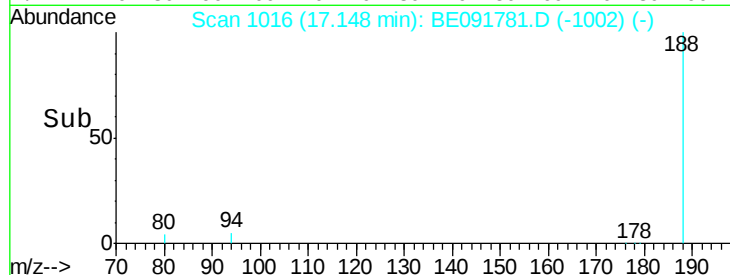
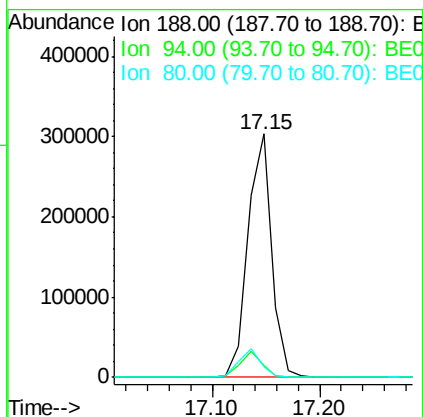
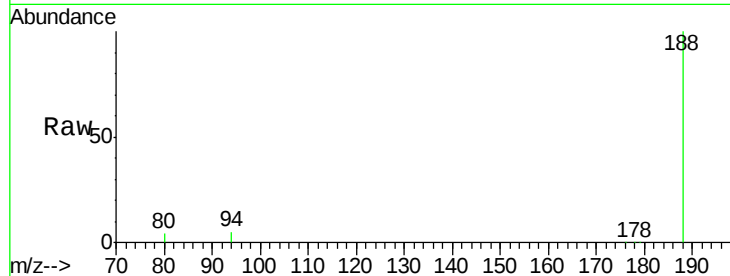




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

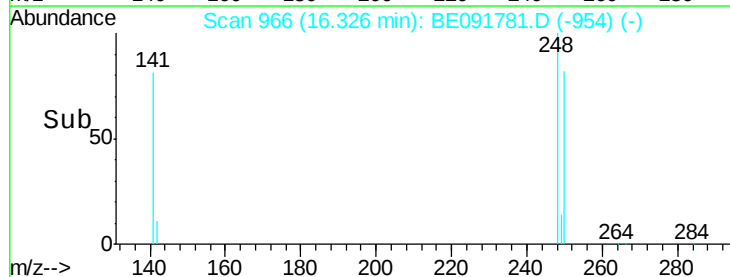
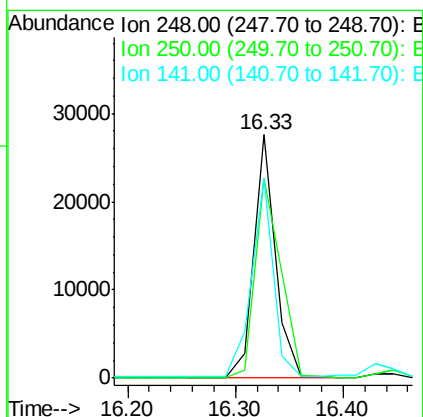
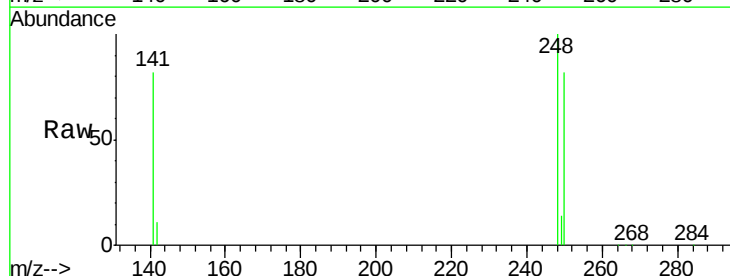
Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019MSD

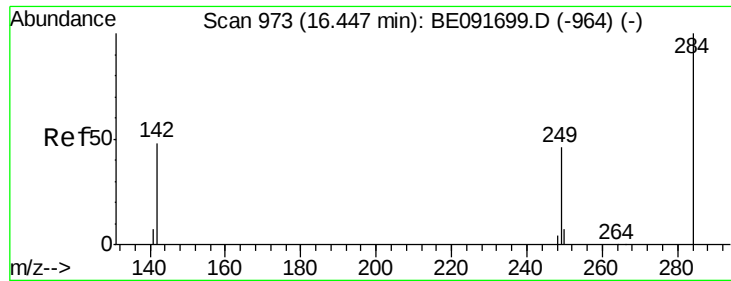
Tgt Ion:188 Resp: 464526
Ion Ratio Lower Upper
188 100
94 5.1 8.7 13.1#
80 4.3 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 2.29 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Tgt Ion:248 Resp: 38267
Ion Ratio Lower Upper
248 100
250 97.4 80.5 120.7
141 82.1 72.0 108.0

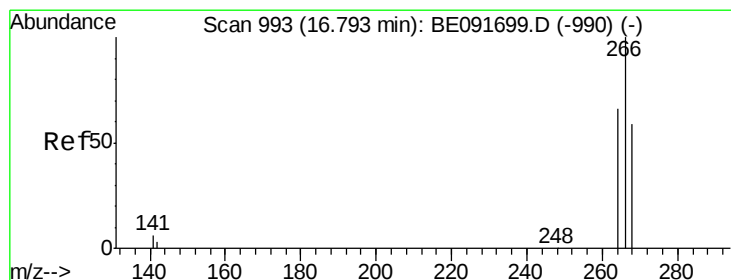
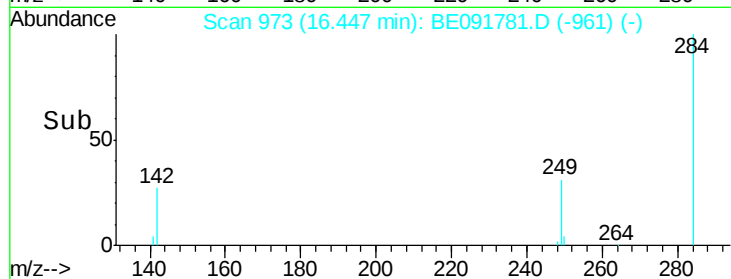
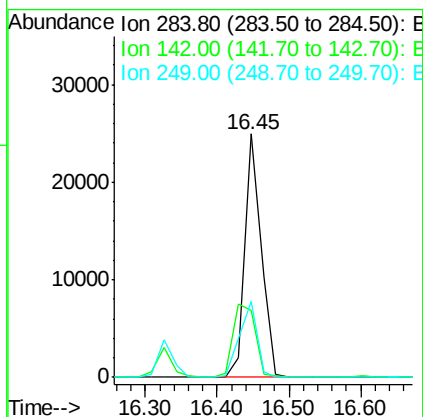
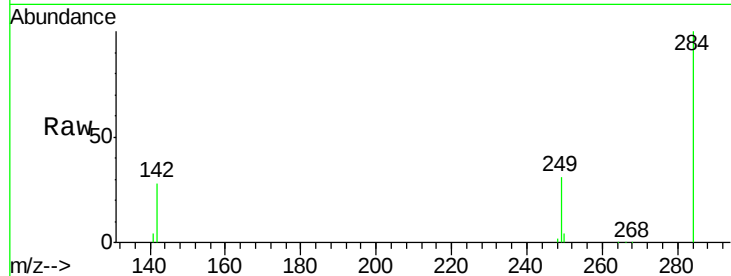




#21
Hexachlorobenzene
Concen: 2.33 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

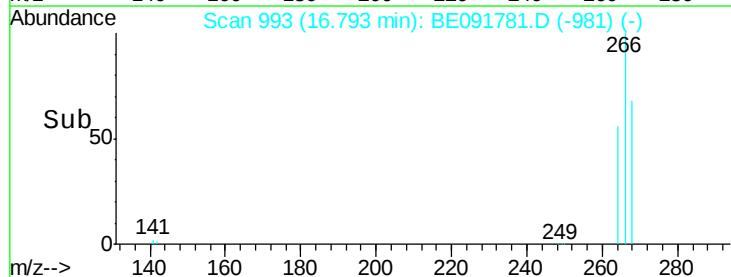
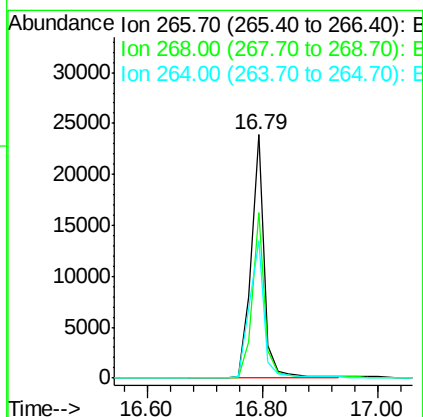
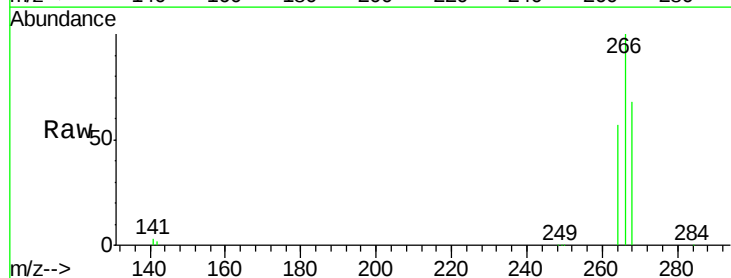
Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019MSD

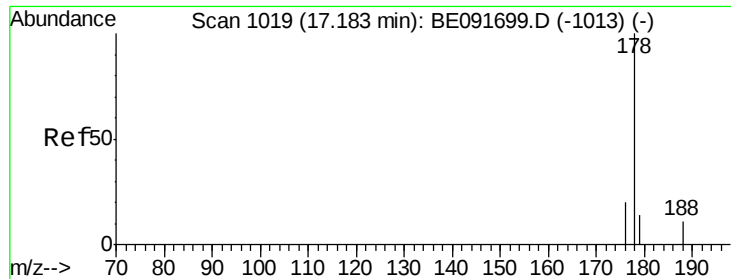
Tgt Ion: 284 Resp: 38855
Ion Ratio Lower Upper
284 100
142 39.5 32.2 48.2
249 32.7 25.4 38.2



#22
Pentachlorophenol
Concen: 4.26 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Tgt Ion: 266 Resp: 38102
Ion Ratio Lower Upper
266 100
268 67.8 58.2 87.2
264 56.6 56.2 84.4





#23

Phenanthrene

Concen: 2.24 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

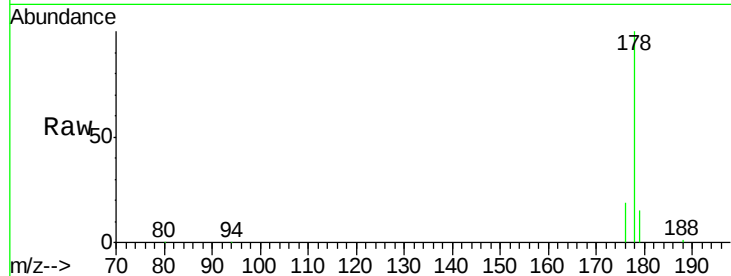
Tgt Ion:178 Resp: 236013

Ion Ratio Lower Upper

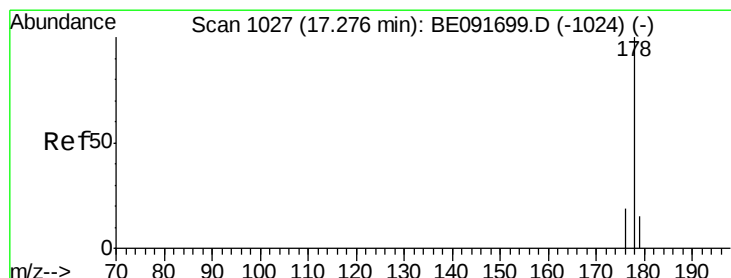
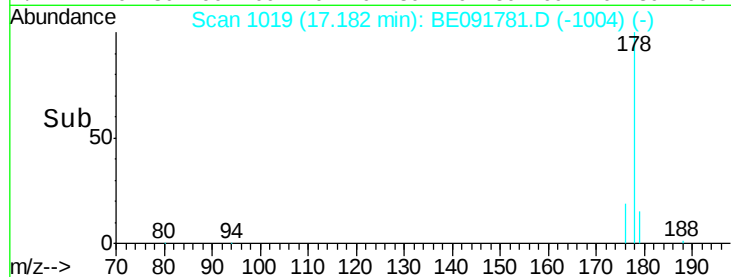
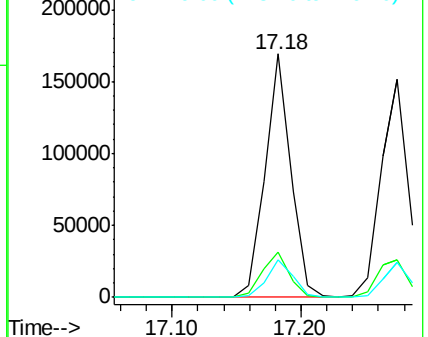
178 100

176 19.4 15.3 22.9

179 15.7 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: 2.37 ng

RT: 17.27 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

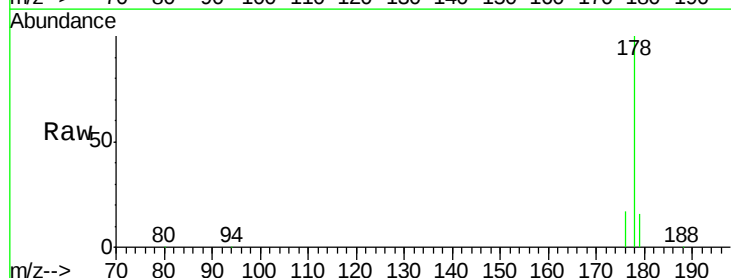
Tgt Ion:178 Resp: 225765

Ion Ratio Lower Upper

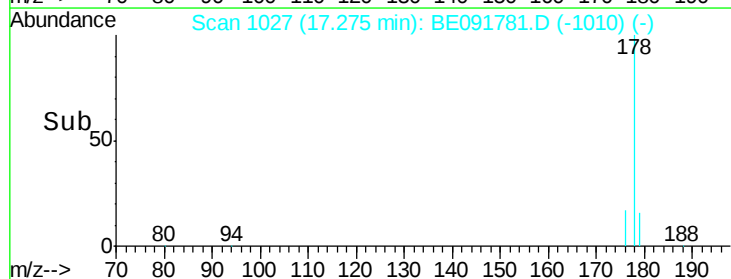
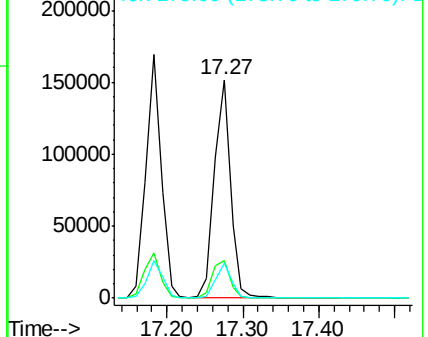
178 100

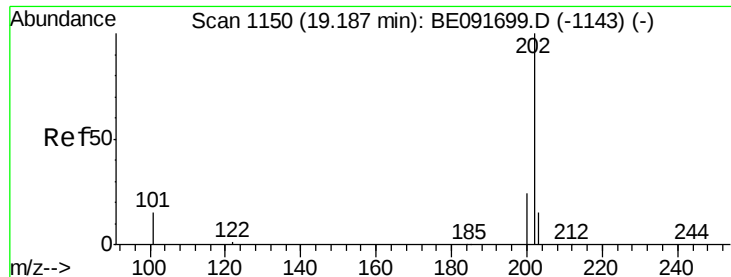
176 18.8 14.6 21.8

179 15.4 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: 2.46 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

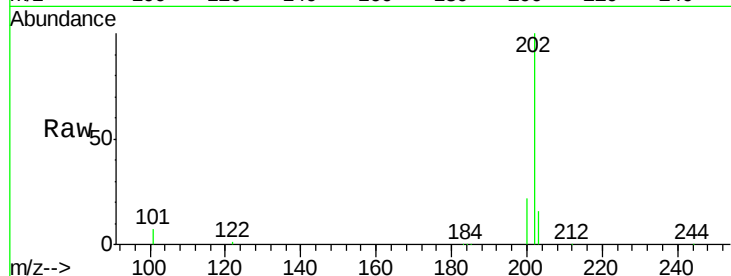
Tgt Ion: 202 Resp: 271392

Ion Ratio Lower Upper

202 100

101 10.4 11.0 16.6#

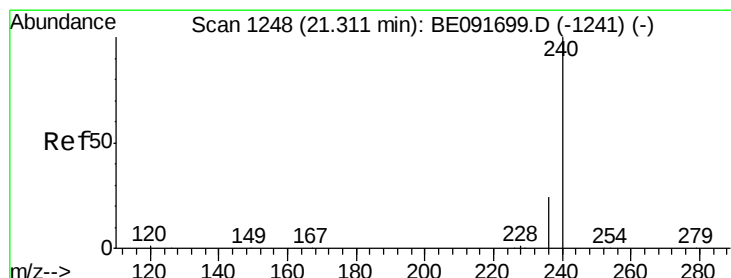
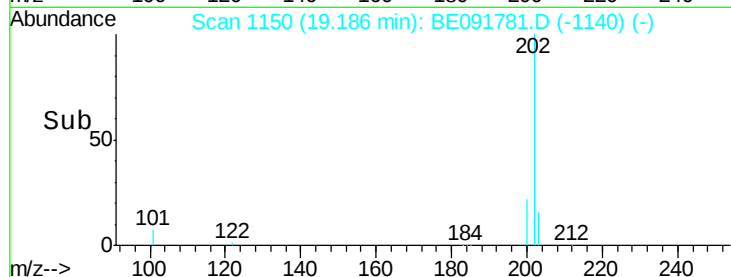
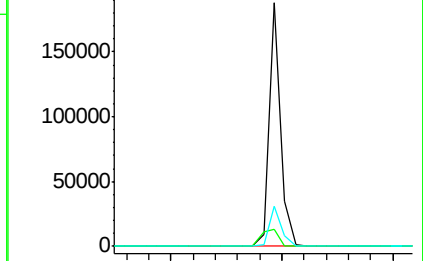
203 17.5 13.9 20.9



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: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

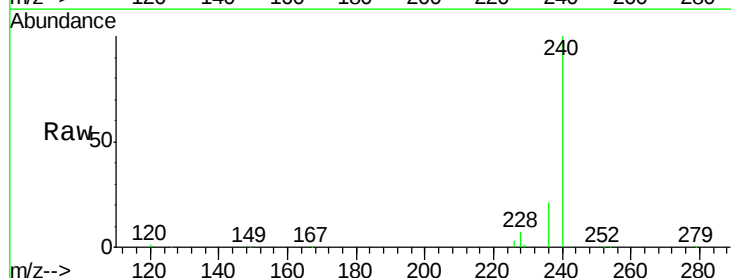
Tgt Ion: 240 Resp: 448048

Ion Ratio Lower Upper

240 100

120 0.8 11.0 16.4#

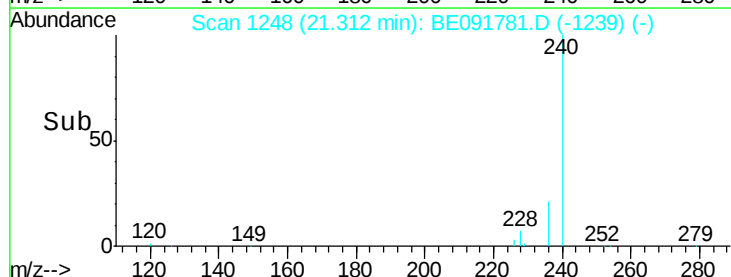
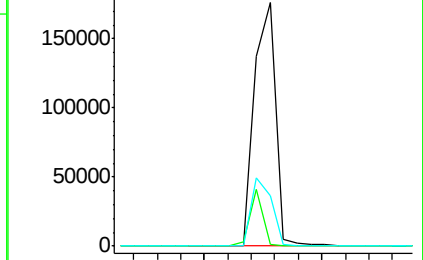
236 20.8 21.7 32.5#

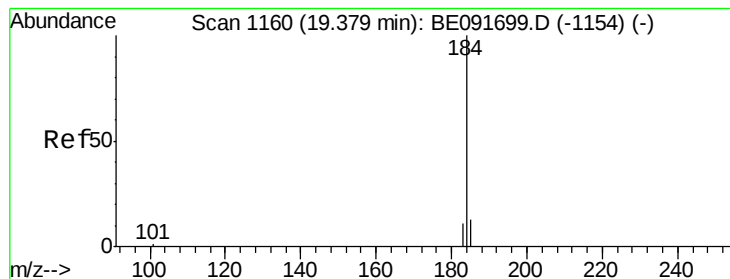


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.23 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

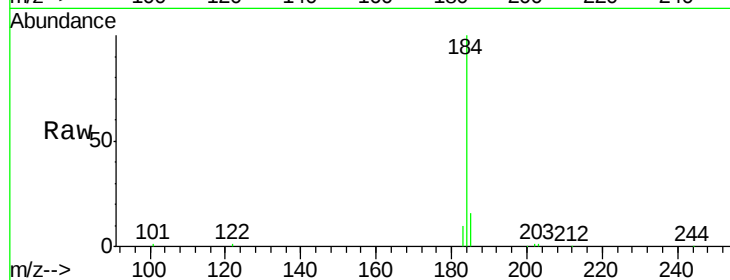
Tgt Ion:184 Resp: 39199

Ion Ratio Lower Upper

184 100

185 15.8 22.3 33.5#

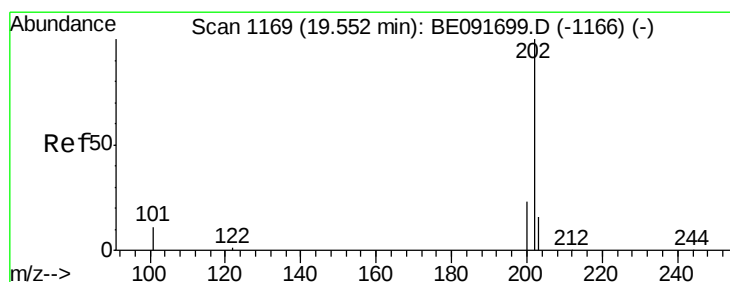
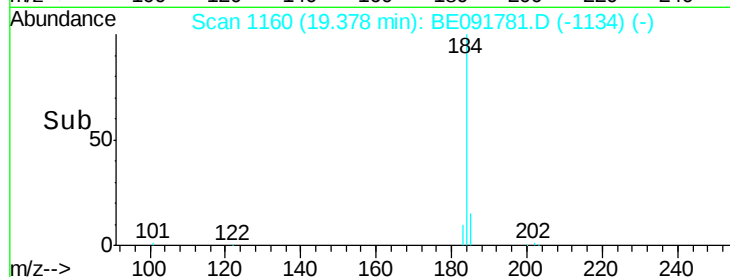
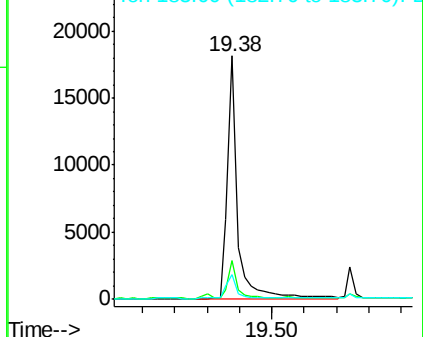
183 9.9 16.4 24.6#



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: 2.84 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

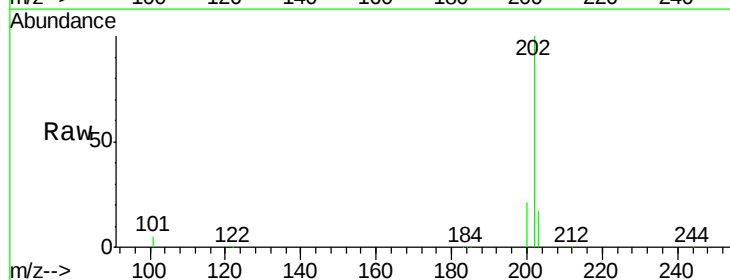
Tgt Ion:202 Resp: 287887

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

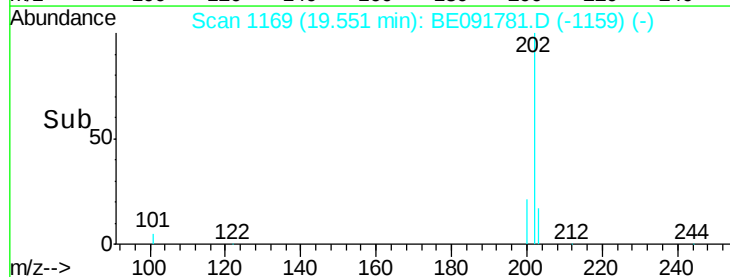
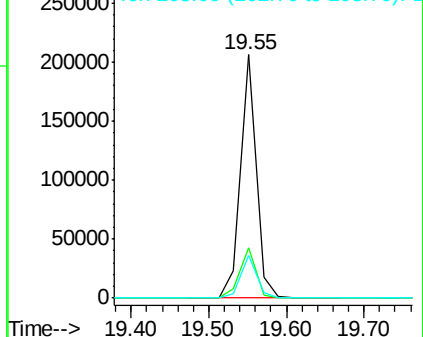
203 18.1 14.0 21.0

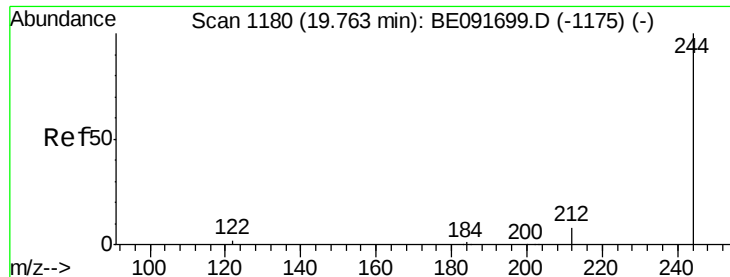


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.62 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

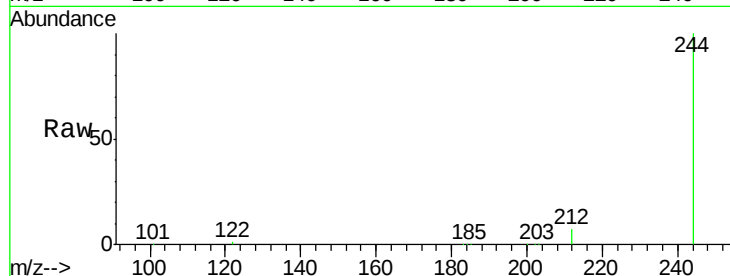
Tgt Ion:244 Resp: 182810

Ion Ratio Lower Upper

244 100

212 6.7 6.9 10.3#

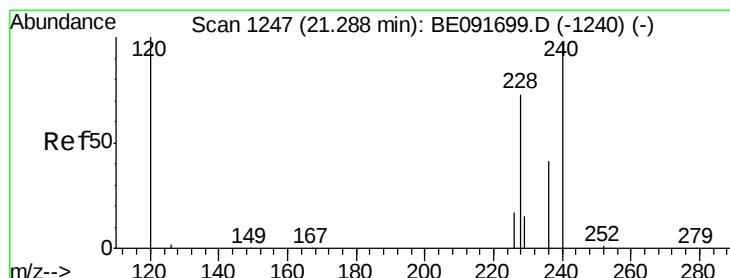
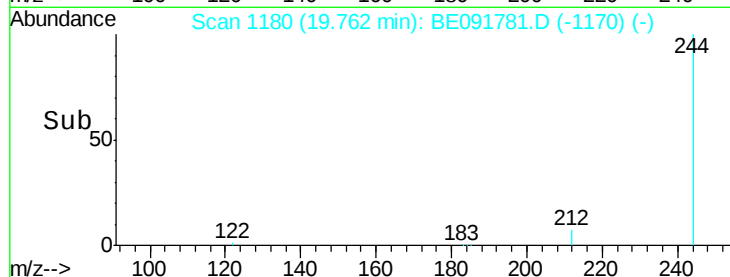
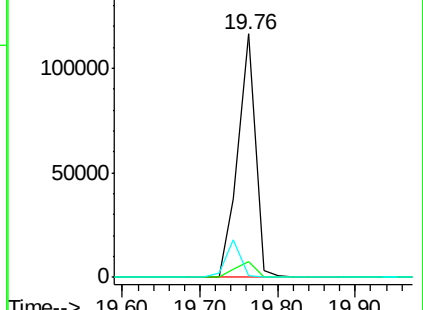
122 0.8 11.0 16.4#



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: 2.26 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

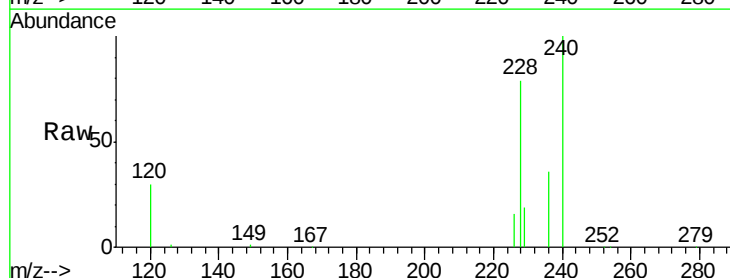
Tgt Ion:228 Resp: 247331

Ion Ratio Lower Upper

228 100

226 20.5 21.0 31.4#

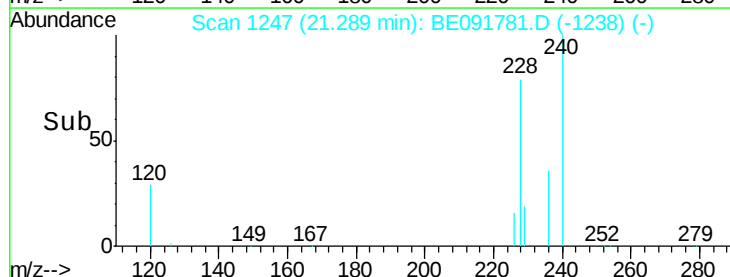
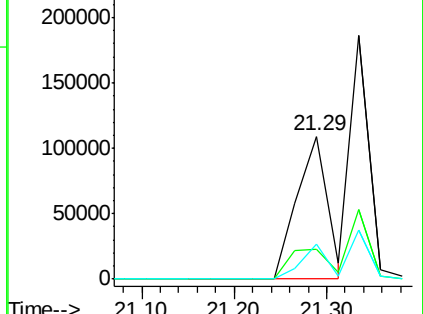
229 24.5 15.7 23.5#

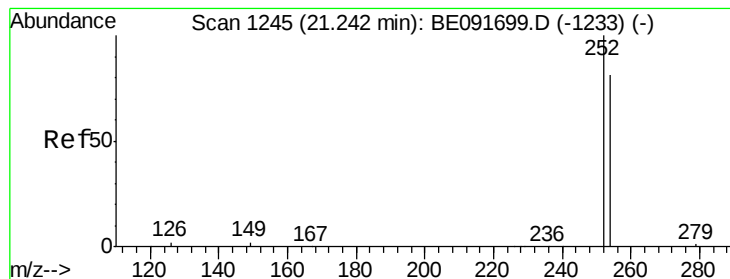


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.65 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

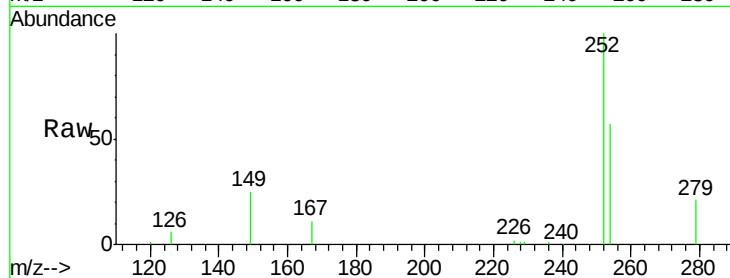
Tgt Ion:252 Resp: 36360

Ion Ratio Lower Upper

252 100

254 57.0 51.1 76.7

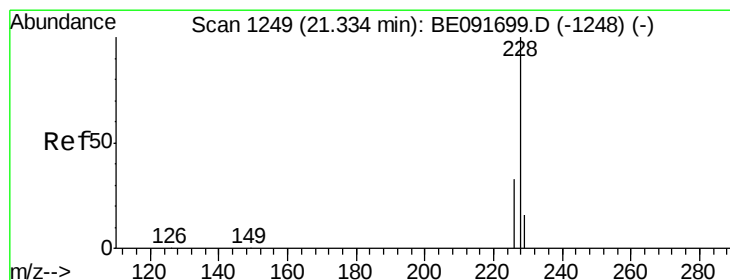
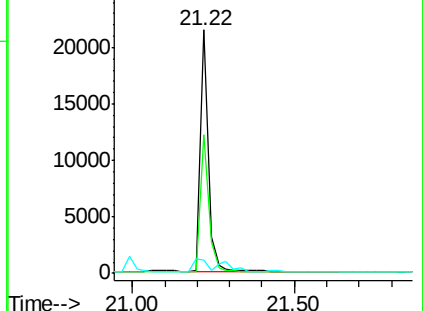
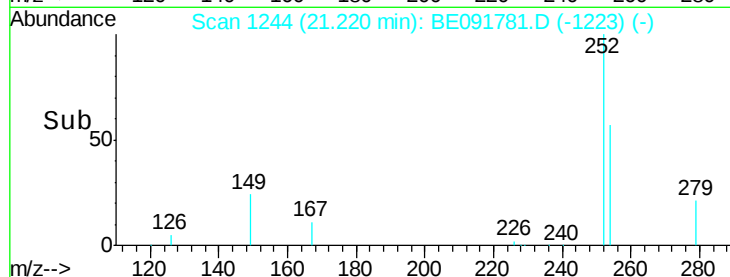
126 5.7 12.6 18.8#



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: 2.17 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

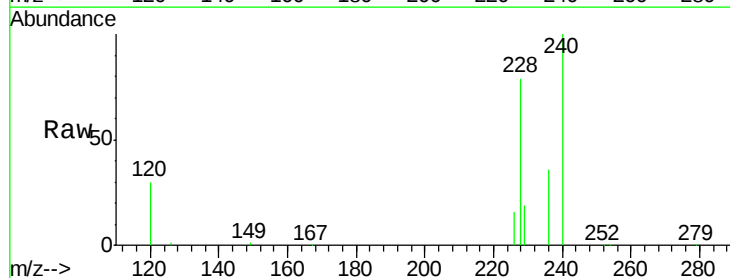
Tgt Ion:228 Resp: 247319

Ion Ratio Lower Upper

228 100

226 20.5 24.0 36.0#

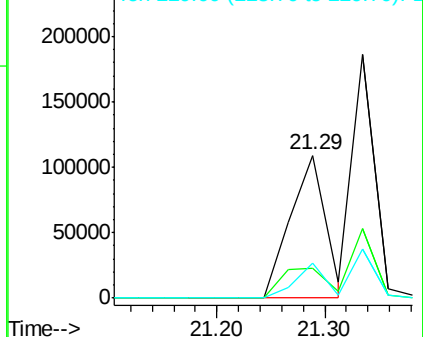
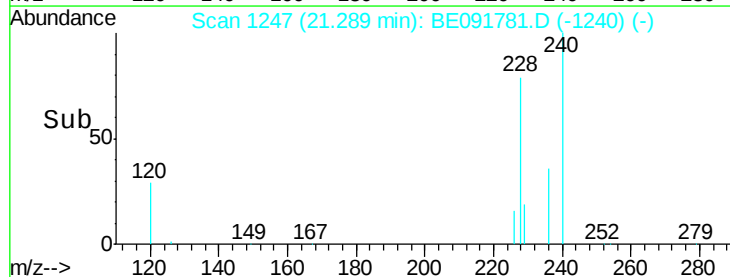
229 24.5 15.9 23.9#

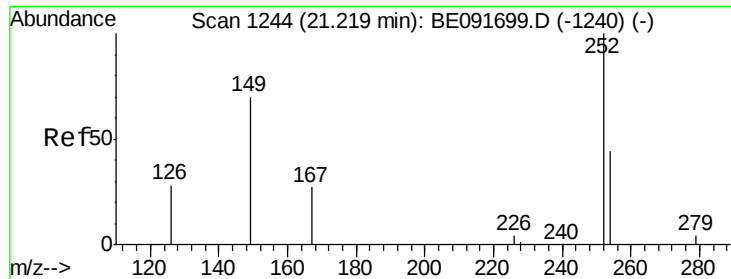


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

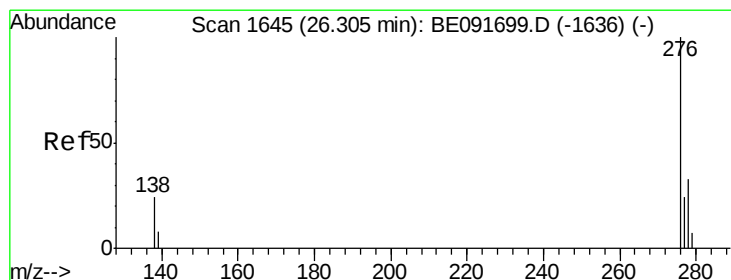
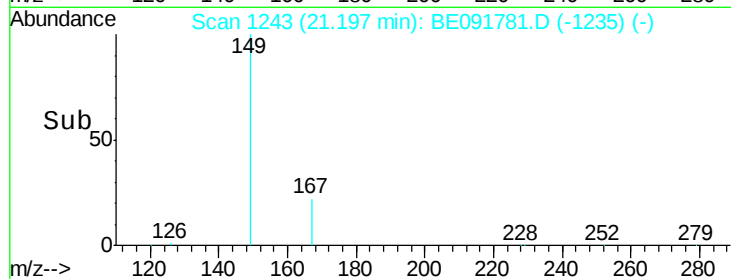
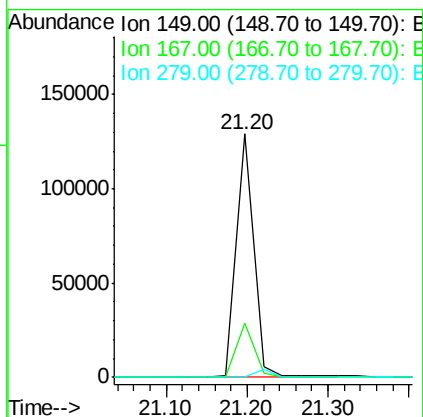
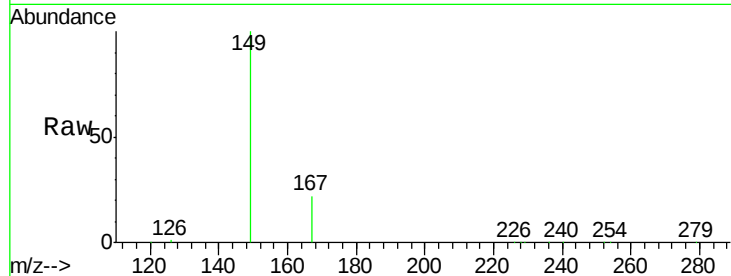




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 5.65 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

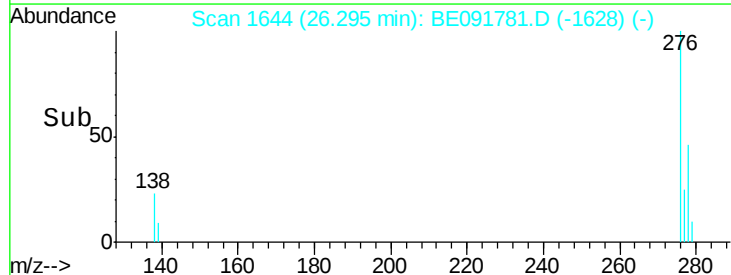
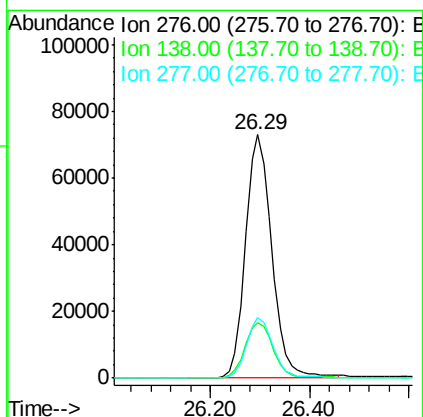
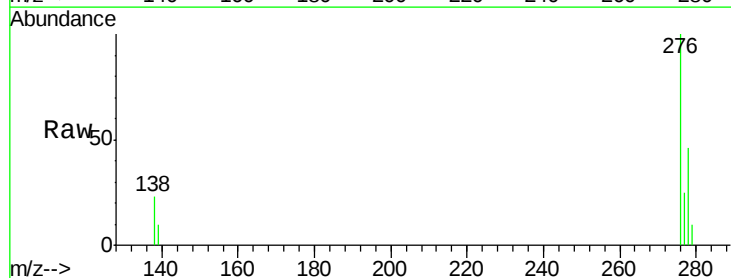
Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-019MSD

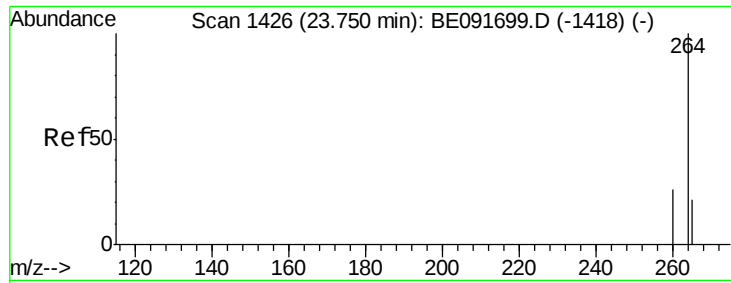
Tgt Ion:149 Resp: 187298
 Ion Ratio Lower Upper
 149 100
 167 22.9 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 2.68 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

Tgt Ion:276 Resp: 271359
 Ion Ratio Lower Upper
 276 100
 138 24.2 23.4 35.2
 277 24.8 19.8 29.8

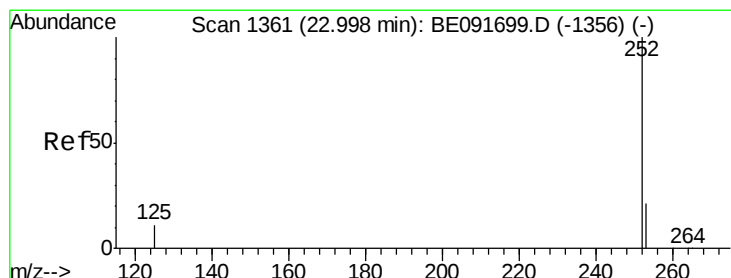
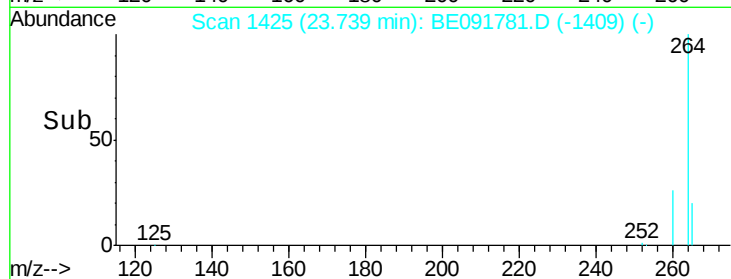
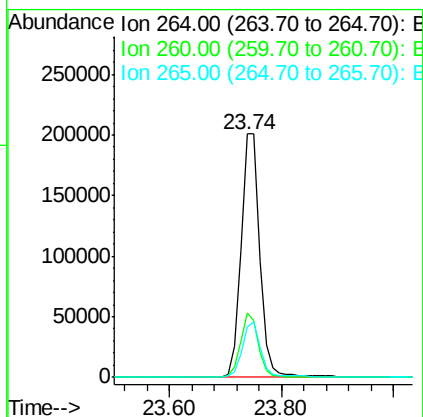
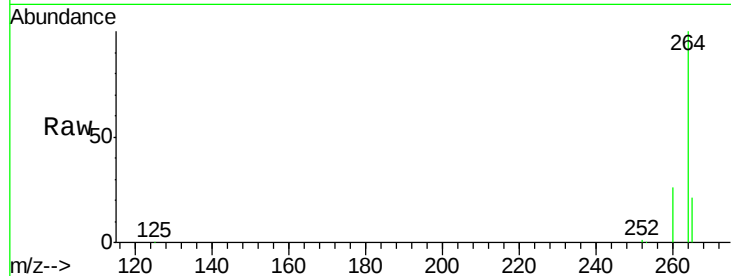




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

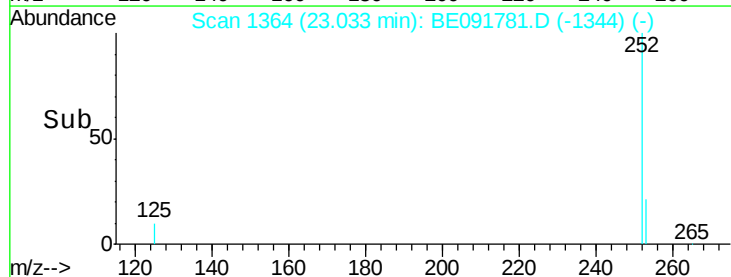
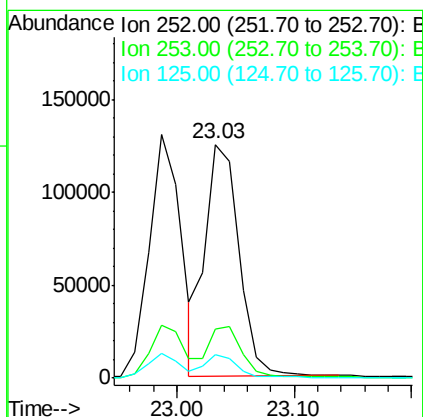
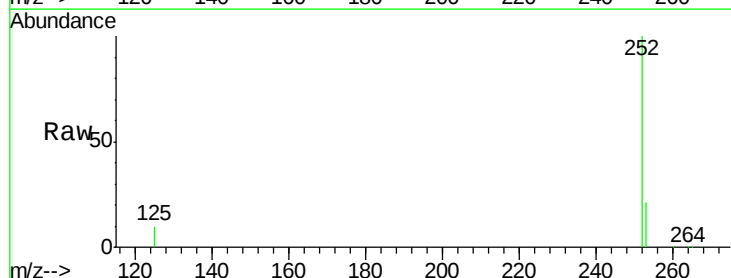
Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-019MSD

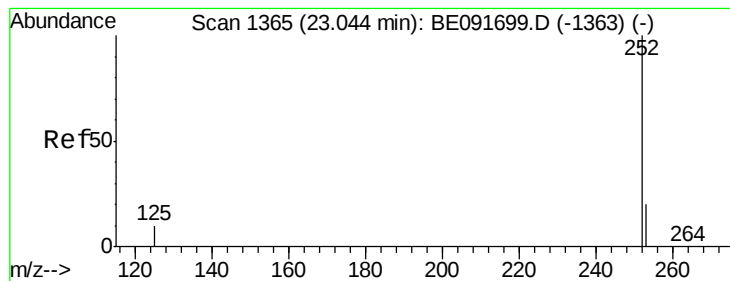
Tgt Ion: 264 Resp: 472413
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.0 30.0
 265 20.7 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 2.26 ng
 RT: 23.03 min Scan# 1364
 Delta R.T. 0.04 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

Tgt Ion: 252 Resp: 250050
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.4 26.0
 125 10.2 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 2.25 ng

RT: 23.03 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

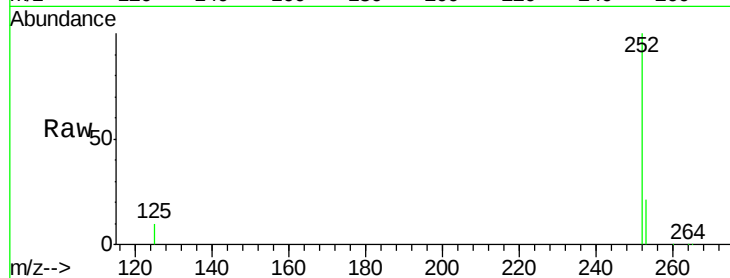
Tgt Ion:252 Resp: 253619

Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

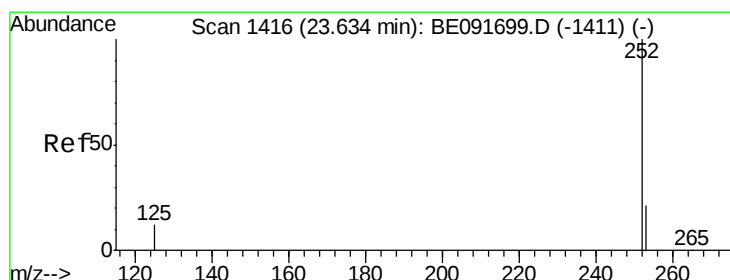
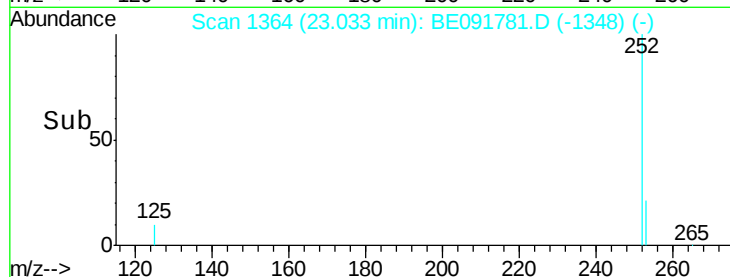
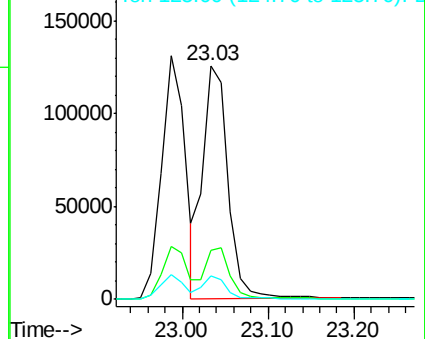
125 10.2 9.9 14.9



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: 2.27 ng

RT: 23.62 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

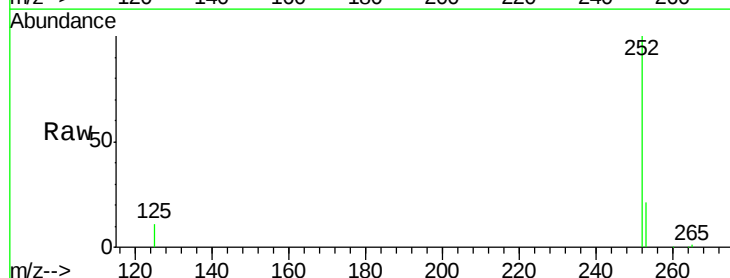
Tgt Ion:252 Resp: 236861

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

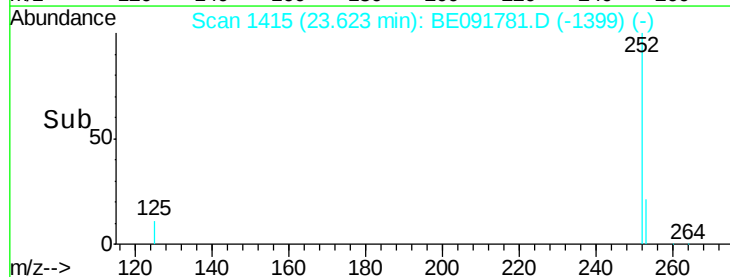
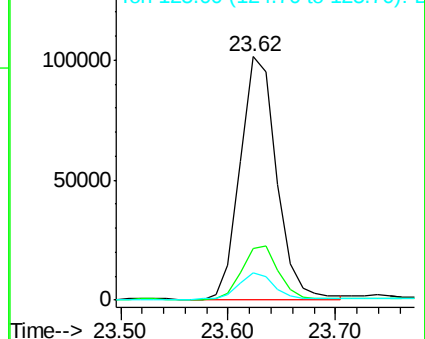
125 11.3 11.0 16.4

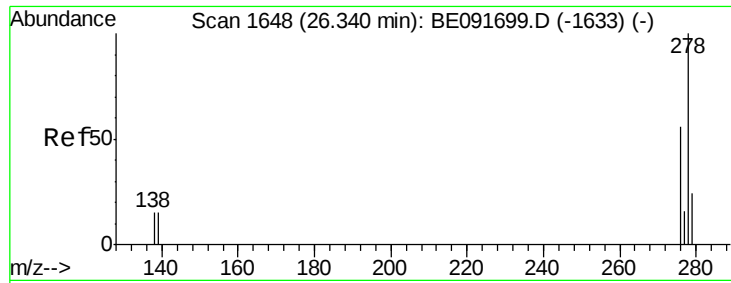


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 2.28 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

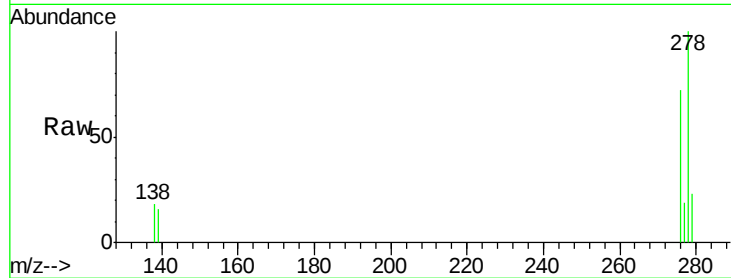
Tgt Ion: 278 Resp: 225545

Ion Ratio Lower Upper

278 100

139 16.3 16.0 24.0

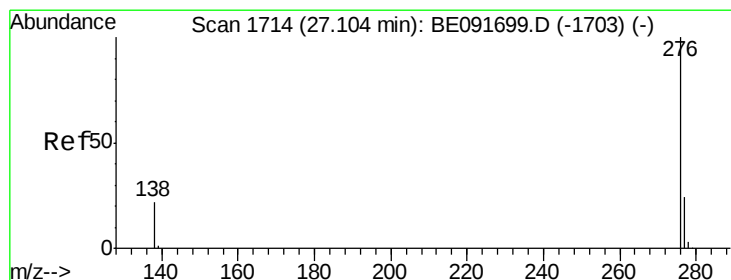
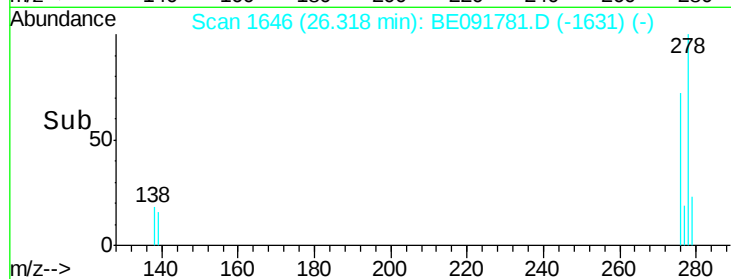
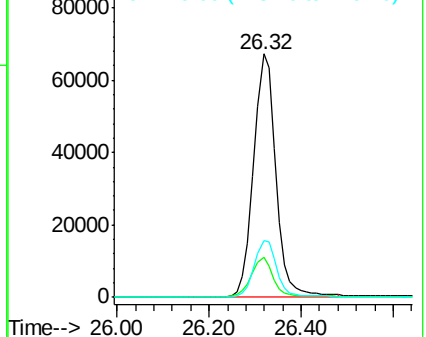
279 23.3 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 2.29 ng

RT: 27.08 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

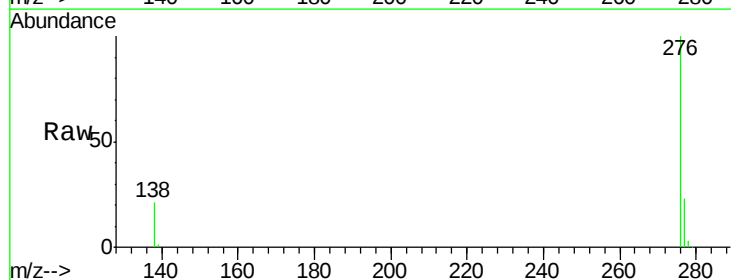
Tgt Ion: 276 Resp: 229965

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 21.1 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

