

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005603.D
 Acq On : 23 May 2016 01:06
 Operator : UM/SJ
 Sample : H3086-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGL1

Quant Time: May 23 05:36:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	99524	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	426502	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	224523	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	510129	20.00	ng/ul	0.04
75) Chrysene-d12	21.39	240	637890	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	580571	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5851	2.58	ng/uL	0.00
5) Phenol-d5	7.00	99	191411	23.46	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	157259	33.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	151442	22.25	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	149596	22.38	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	75073	23.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	67330	18.76	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	160578	23.75	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	140701	20.78	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	422762	23.07	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	597288	26.07	ng/ul	0.02
51) 4-Nitrophenol-d4	14.68	143	122959	35.47	ng/ul	0.03
57) Fluorene-d10	15.46	176	397631	24.93	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	50936	17.36	ng/ul	0.01
70) Anthracene-d10	17.32	188	622152	25.60	ng/ul	0.03
76) Pyrene-d10	19.60	212	786567	27.23	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.53	264	644680	23.78	ng/ul	0.04

Target Compounds

						Qvalue
4) Benzaldehyde	6.97	77	7488	1.41	ng/ul#	18
15) N-Nitroso-di-n-propylamine	8.58	70	5775	1.09	ng/ul#	73
17) Hexachloroethane	8.92	117	4284	1.57	ng/ul#	5
21) Isophorone	9.53	82	155673	10.54	ng/ul#	1
23) 2-Nitrophenol	9.73	139	10470	2.71	ng/ul#	1
24) 2,4-Dimethylphenol	9.83	107	35291	4.42	ng/ul	91
28) Naphthalene	10.67	128	51419	2.40	ng/ul#	22
33) 4-Chloro-3-methylphenol	11.90	107	11792	1.61	ng/ul#	28
41) 2-Chloronaphthalene	13.30	162	26147	1.80	ng/ul	95
42) 2-Nitroaniline	13.57	65	8048	1.84	ng/ul#	12
44) Dimethylphthalate	13.92	163	146285	8.08	ng/ul#	74
45) 2,6-Dinitrotoluene	14.01	165	32119	8.77	ng/ul#	44
47) Acenaphthylene	14.19	152	220753	9.48	ng/ul#	29
48) 3-Nitroaniline	14.37	138	14199	4.19	ng/ul#	44
49) Acenaphthene	14.53	153	453360	29.53	ng/ul	97
52) 4-Nitrophenol	14.66	109	27777	7.97	ng/ul#	18
53) Dibenzofuran	14.87	168	23495	1.07	ng/ul#	1
54) 2,4-Dinitrotoluene	14.78	165	65794	12.31	ng/ul	88
58) Fluorene	15.52	166	34092	1.94	ng/ul#	1
59) 4-Chlorophenyl-phenylether	15.54	204	12495	1.43	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.56	198	9313	3.02	ng/ul#	1
64) N-Nitrosodiphenylamine	15.73	169	817852	52.84	ng/ul#	59
69) Phenanthrene	17.26	178	432028	15.15	ng/ul#	77

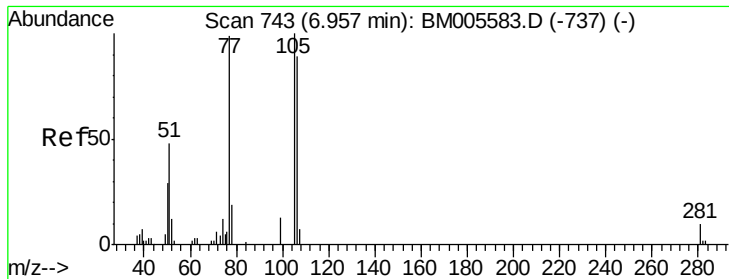
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.35	178	495900	17.07	ng/ul#	88
72) Carbazole	17.62	167	40970	1.62	ng/ul#	1
74) Fluoranthene	19.27	202	3014765	93.94	ng/ul	99
77) Pyrene	19.64	202	2970635	81.01	ng/ul	97
80) Benzo(a)anthracene	21.37	228	850501	22.68	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.29	149	180115	8.25	ng/ul#	92
82) Chrysene	21.42	228	1090392	30.57	ng/ul#	93
85) Benzo(b)fluoranthene	22.99	252	974823	28.47	ng/ul#	78
86) Benzo(k)fluoranthene	22.99	252	974823	30.07	ng/ul#	79
88) Benzo(a)pyrene	23.58	252	750725	22.60	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.01	276	468286	11.87	ng/ul	96
90) Dibenzo(a,h)anthracene	26.00	278	108601	3.30	ng/ul#	54
91) Benzo(g,h,i)perylene	26.73	276	483688	14.58	ng/ul#	92

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



#4

Benzaldehyde

Concen: 1.41 ng/ul

RT: 6.97 min Scan# 746

Delta R.T. 0.02 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

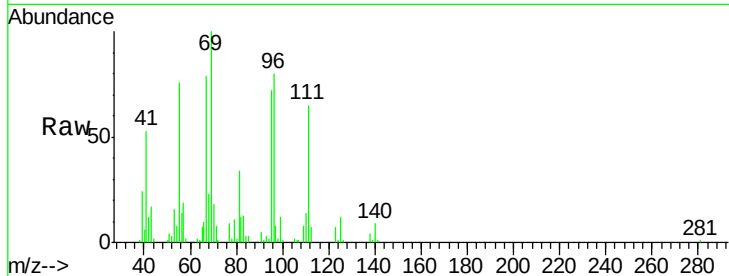
Tgt Ion: 77 Resp: 7488

Ion Ratio Lower Upper

77 100

105 23.7 79.3 118.9#

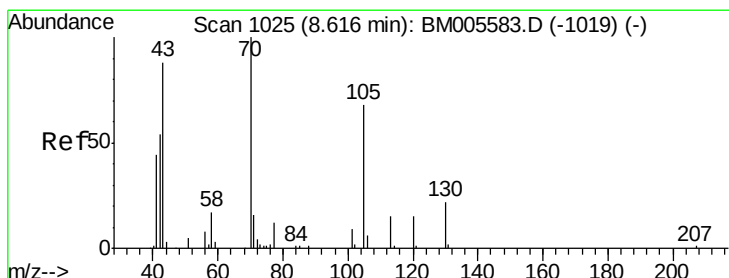
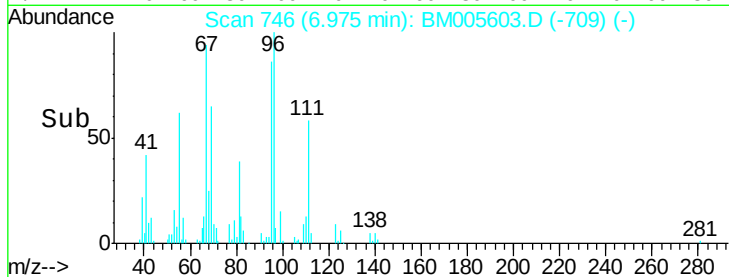
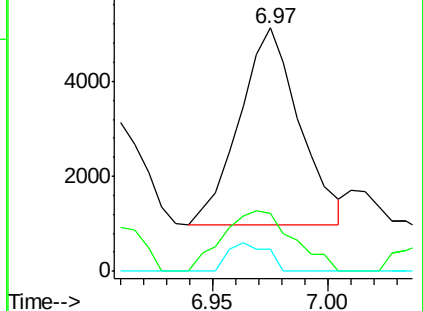
106 9.0 75.2 112.8#



Abundance Ion 77.00 (76.70 to 77.70): BM005583.D (-737) (-)

Ion 105.00 (104.70 to 105.70): BM005583.D (-737) (-)

Ion 106.00 (105.70 to 106.70): BM005583.D (-737) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.09 ng/ul

RT: 8.58 min Scan# 1019

Delta R.T. -0.04 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Tgt Ion: 70 Resp: 5775

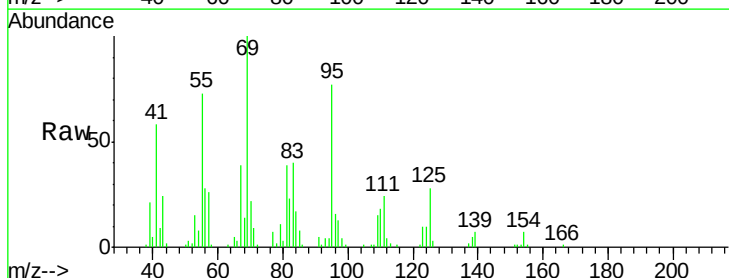
Ion Ratio Lower Upper

70 100

42 42.0 46.1 69.1#

101 0.0 8.0 12.0#

130 0.0 16.8 25.2#

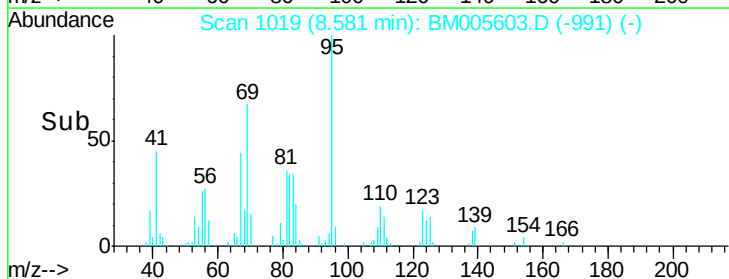
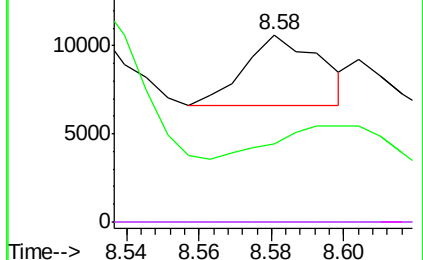


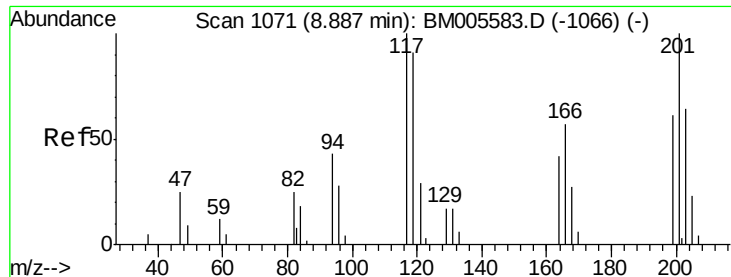
Abundance Ion 70.00 (69.70 to 70.70): BM005583.D (-1019) (-)

Ion 42.00 (41.70 to 42.70): BM005583.D (-1019) (-)

Ion 101.00 (100.70 to 101.70): BM005583.D (-1019) (-)

Ion 130.00 (129.70 to 130.70): BM005583.D (-1019) (-)





#17

Hexachloroethane

Concen: 1.57 ng/ul

RT: 8.92 min Scan# 1077

Delta R.T. 0.04 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampled :

JHGL1

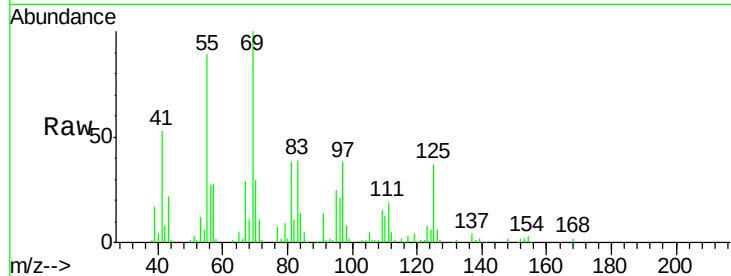
Tgt Ion: 117 Resp: 4284

Ion Ratio Lower Upper

117 100

201 0.0 84.8 127.2#

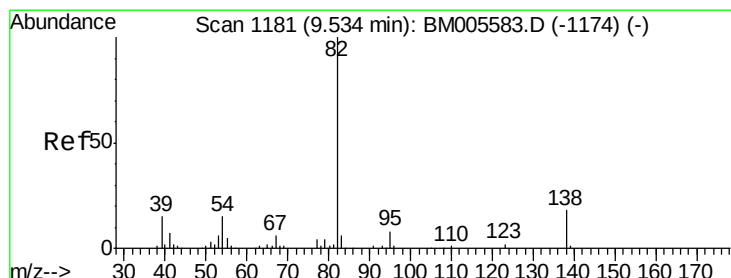
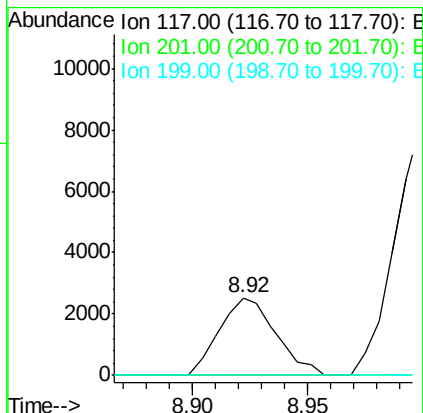
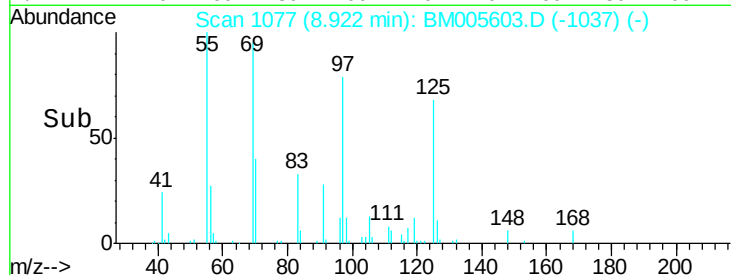
199 0.0 50.5 75.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#21

Isophorone

Concen: 10.54 ng/ul

RT: 9.53 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

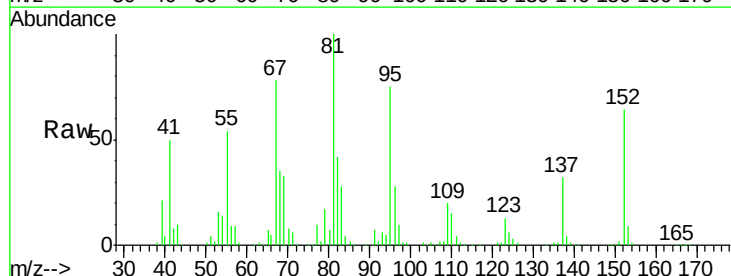
Tgt Ion: 82 Resp: 155673

Ion Ratio Lower Upper

82 100

95 176.4 6.4 9.6#

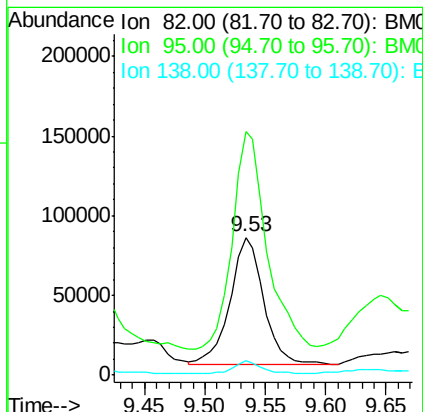
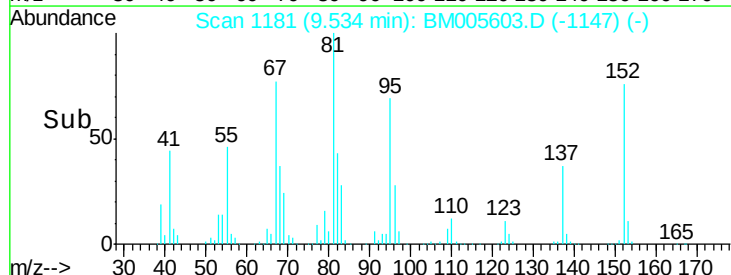
138 10.5 13.8 20.6#

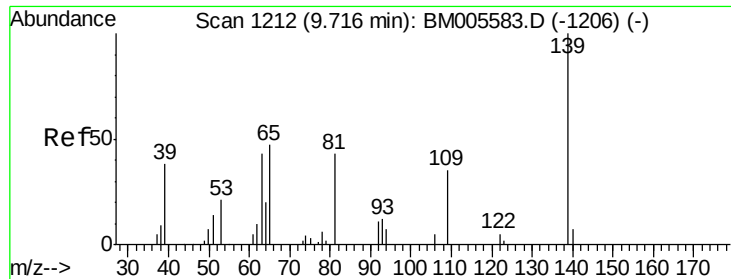


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#23

2-Nitrophenol

Concen: 2.71 ng/ul

RT: 9.73 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

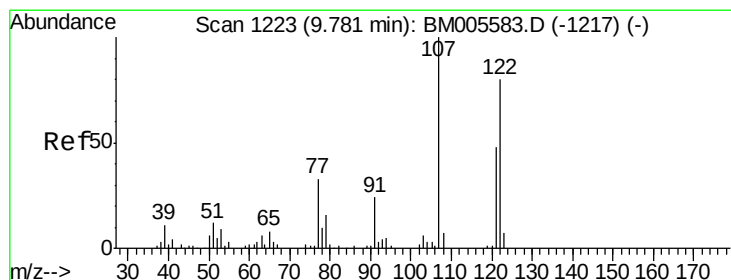
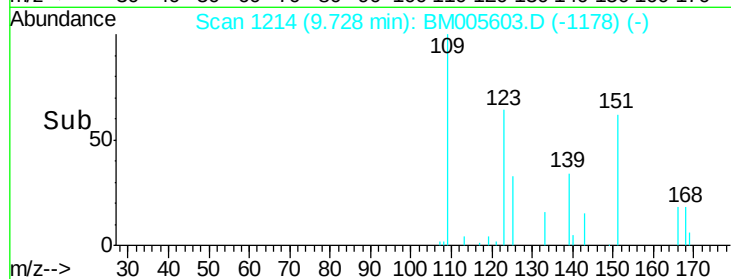
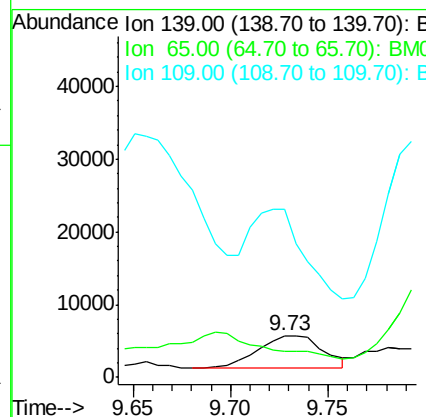
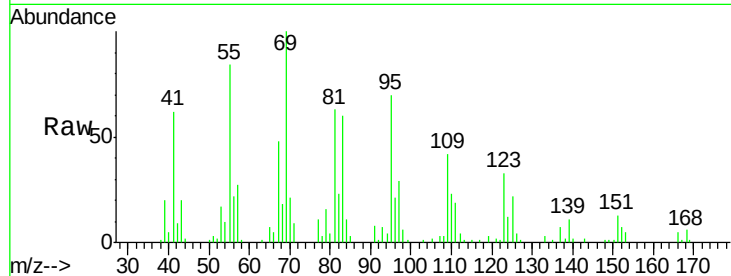
Tgt Ion:139 Resp: 10470

Ion Ratio Lower Upper

139 100

65 62.2 45.2 67.8

109 404.2 30.8 46.2#



#24

2,4-Dimethylphenol

Concen: 4.42 ng/ul

RT: 9.83 min Scan# 1231

Delta R.T. 0.05 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

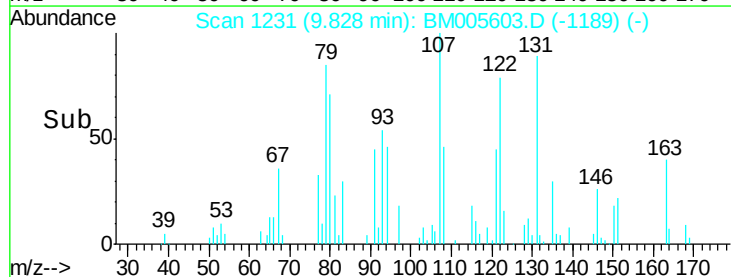
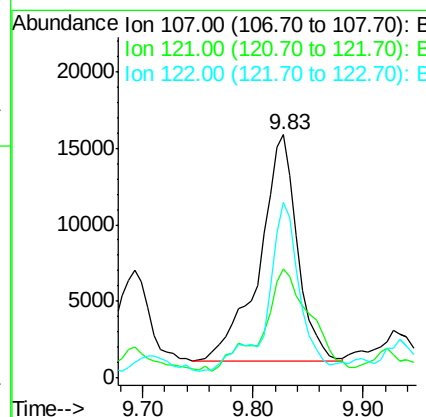
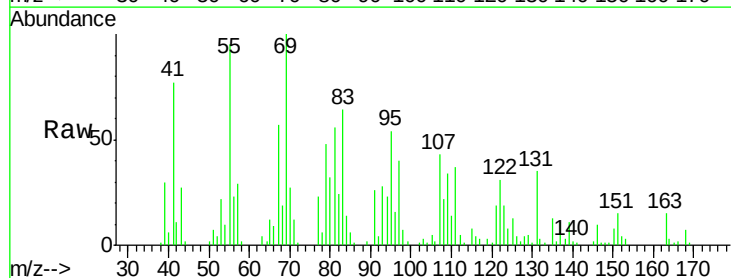
Tgt Ion:107 Resp: 35291

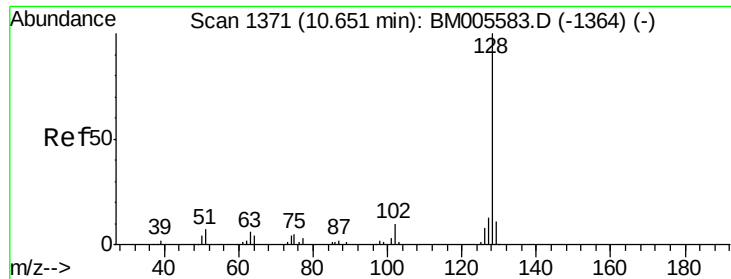
Ion Ratio Lower Upper

107 100

121 45.1 37.5 56.3

122 72.2 66.9 100.3

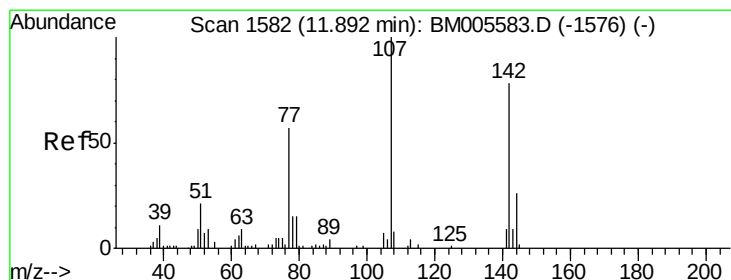
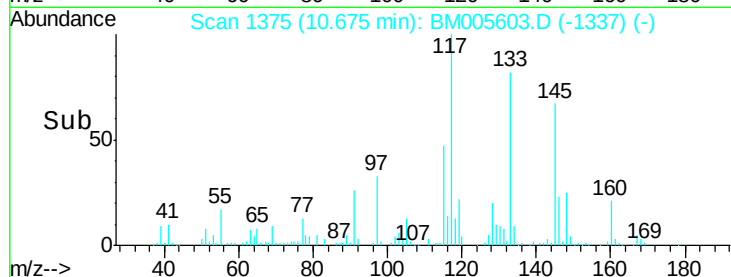
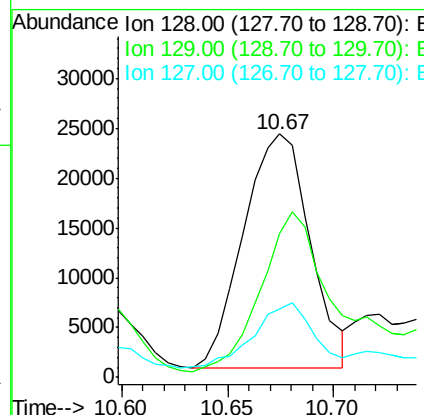
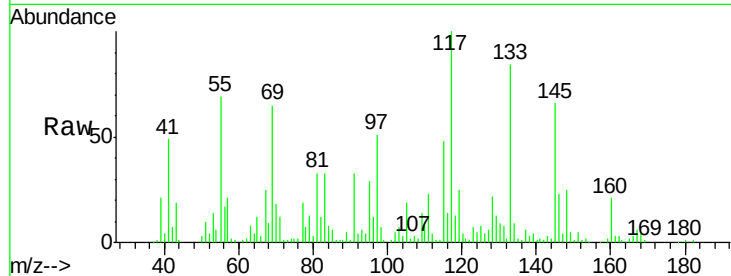




#28
Naphthalene
Concen: 2.40 ng/ul
RT: 10.67 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BM005603.D
Acq: 23 May 2016 01:06

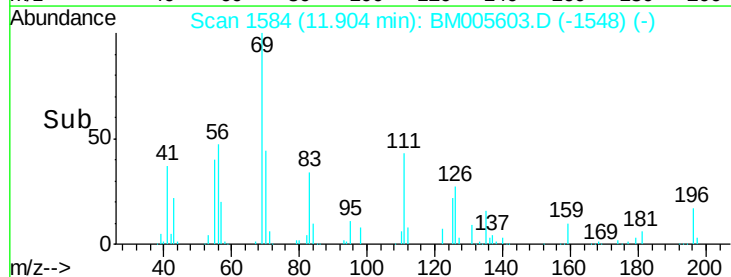
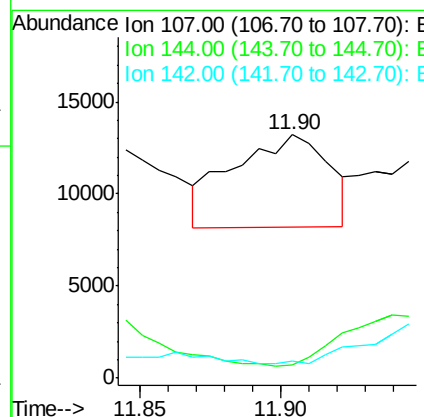
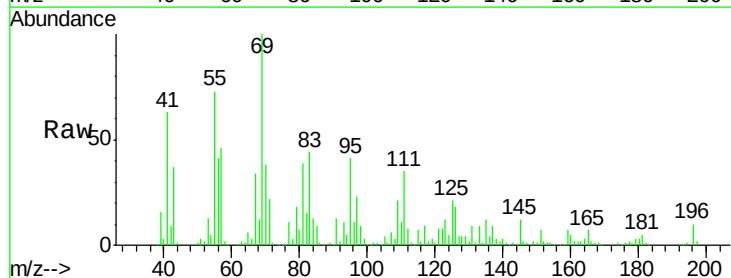
Instrument :
BNA_M
ClientSampleId :
JHGL1

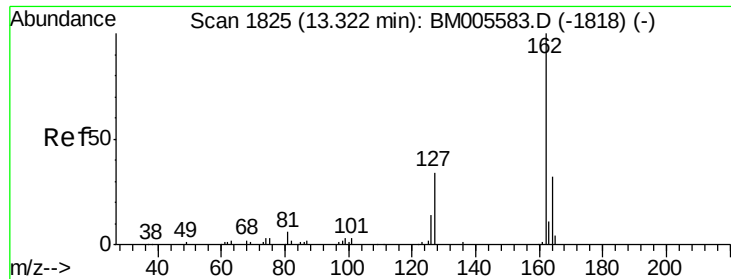
Tgt Ion:128 Resp: 51419
Ion Ratio Lower Upper
128 100
129 59.2 8.6 13.0#
127 27.9 10.6 15.8#



#33
4-Chloro-3-methylphenol
Concen: 1.61 ng/ul
RT: 11.90 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BM005603.D
Acq: 23 May 2016 01:06

Tgt Ion:107 Resp: 11792
Ion Ratio Lower Upper
107 100
144 5.4 20.6 31.0#
142 7.0 63.5 95.3#

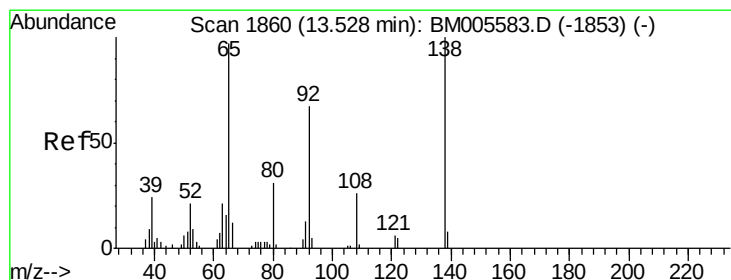
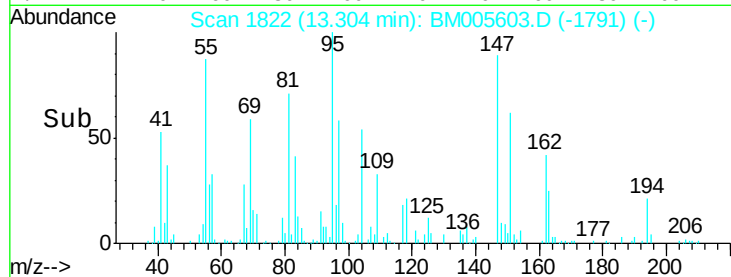
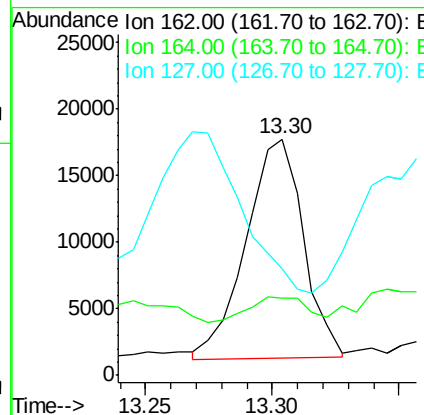
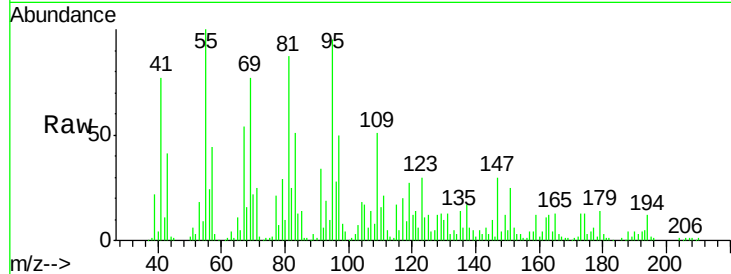




#41
 2-Chloronaphthalene
 Concen: 1.80 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. -0.02 min
 Lab File: BM005603.D
 Acq: 23 May 2016 01:06

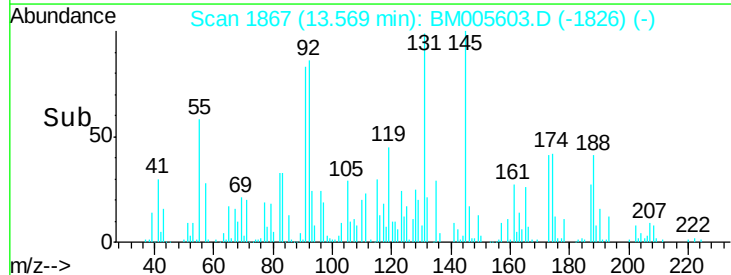
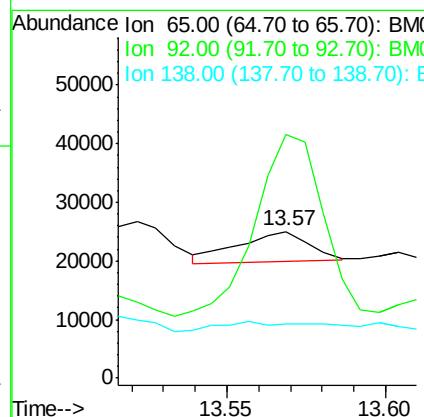
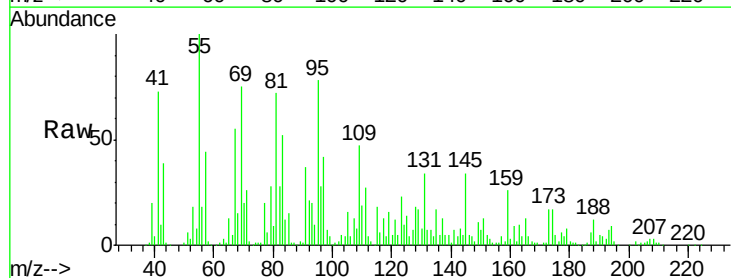
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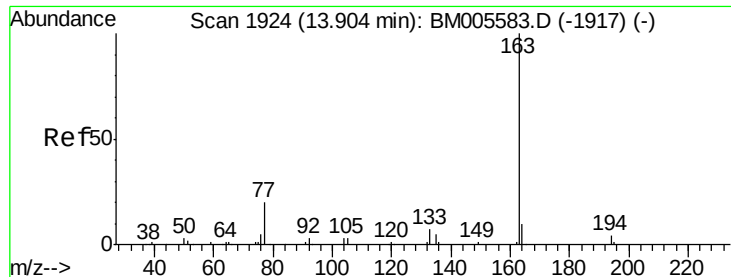
Tgt Ion: 162 Resp: 26147
 Ion Ratio Lower Upper
 162 100
 164 32.7 25.9 38.9
 127 45.1 32.0 48.0



#42
 2-Nitroaniline
 Concen: 1.84 ng/ul
 RT: 13.57 min Scan# 1867
 Delta R.T. 0.04 min
 Lab File: BM005603.D
 Acq: 23 May 2016 01:06

Tgt Ion: 65 Resp: 8048
 Ion Ratio Lower Upper
 65 100
 92 166.1 53.6 80.4#
 138 37.0 82.6 124.0#





#44

Dimethylphthalate

Concen: 8.08 ng/ul

RT: 13.92 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

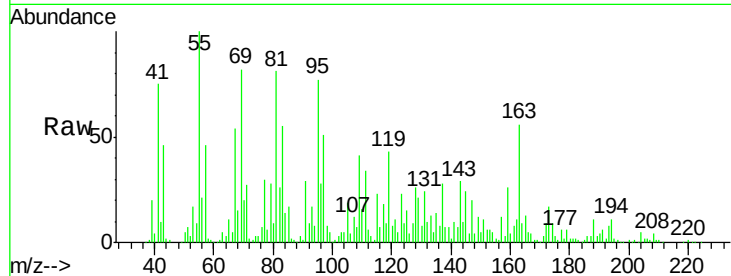
Tgt Ion:163 Resp: 146285

Ion Ratio Lower Upper

163 100

194 20.4 3.4 5.0#

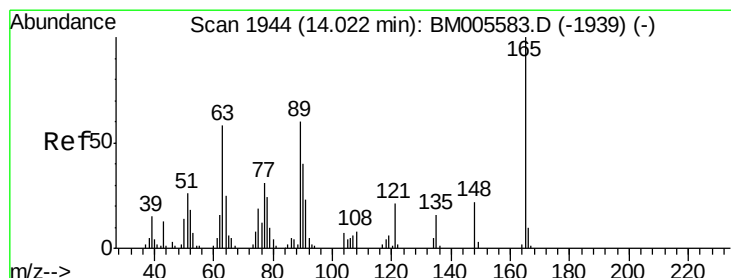
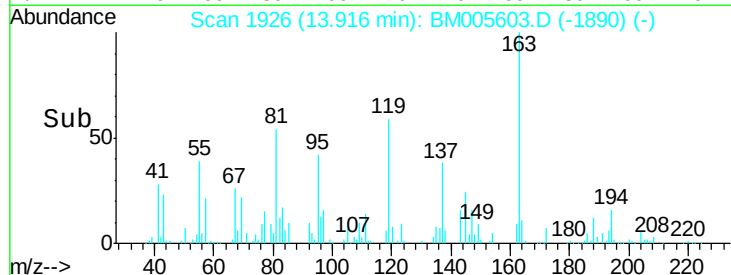
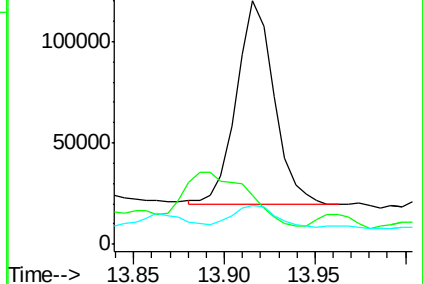
164 16.1 8.0 12.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 8.77 ng/ul

RT: 14.01 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

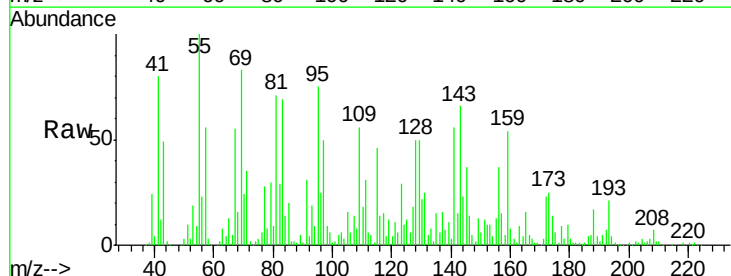
Tgt Ion:165 Resp: 32119

Ion Ratio Lower Upper

165 100

89 31.3 48.2 72.2#

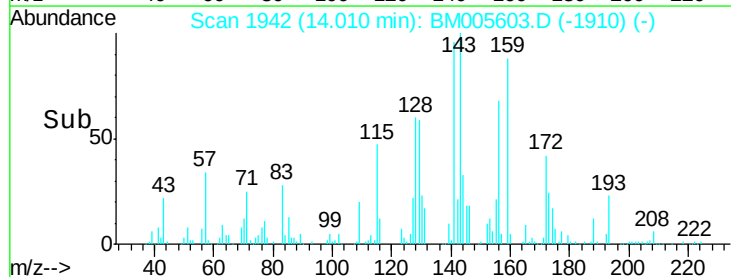
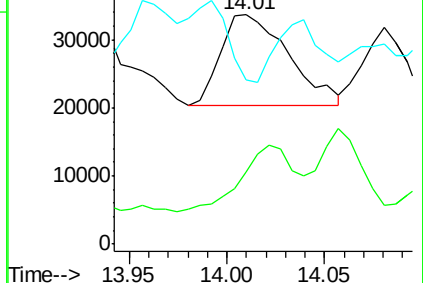
121 71.9 17.4 26.0#

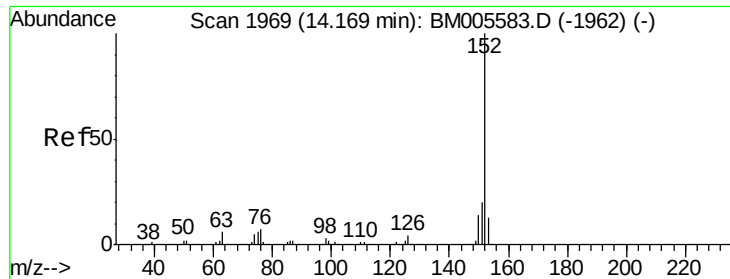


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 9.48 ng/ul

RT: 14.19 min Scan# 1973

Delta R.T. 0.02 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

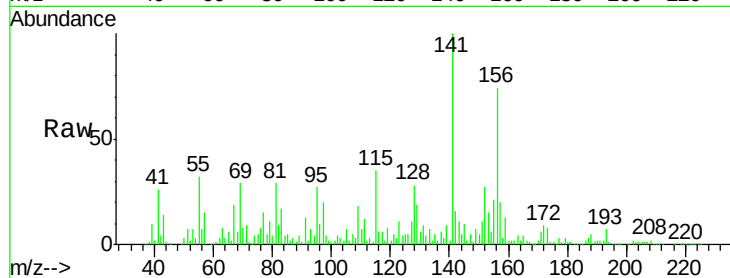
Tgt Ion:152 Resp: 220753

Ion Ratio Lower Upper

152 100

151 39.7 15.7 23.5#

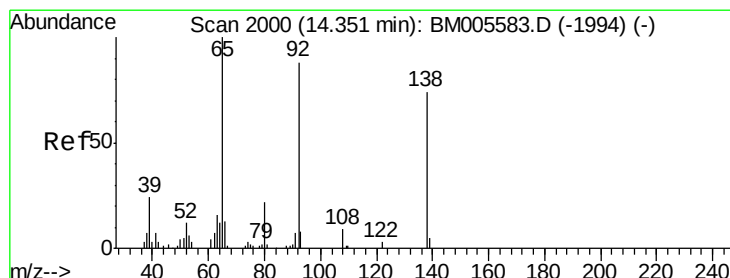
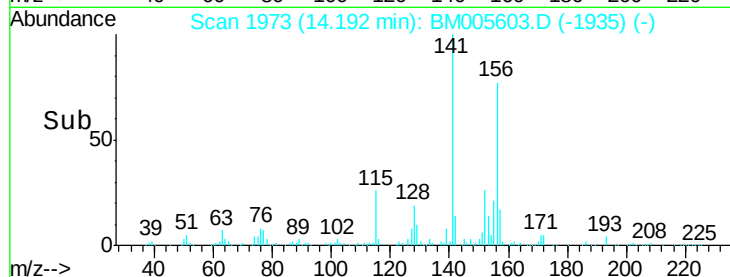
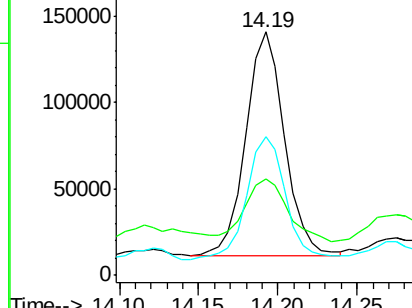
153 57.0 10.5 15.7#



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



#48

3-Nitroaniline

Concen: 4.19 ng/ul

RT: 14.37 min Scan# 2003

Delta R.T. 0.02 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

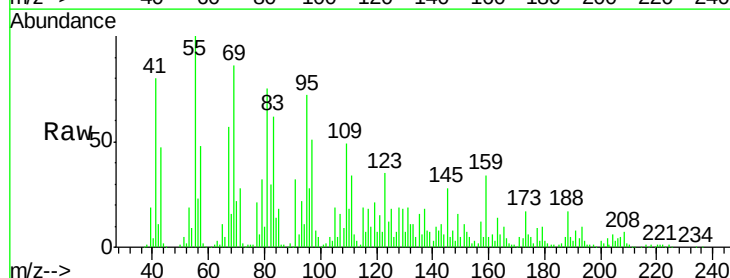
Tgt Ion:138 Resp: 14199

Ion Ratio Lower Upper

138 100

108 117.3 9.1 13.7#

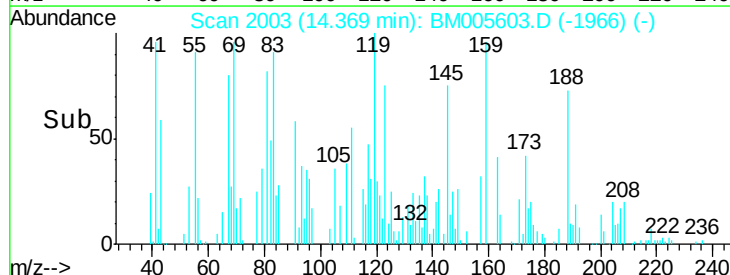
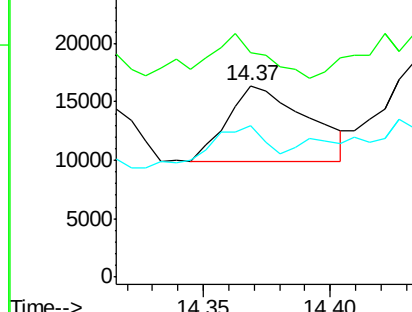
92 78.8 92.8 139.2#

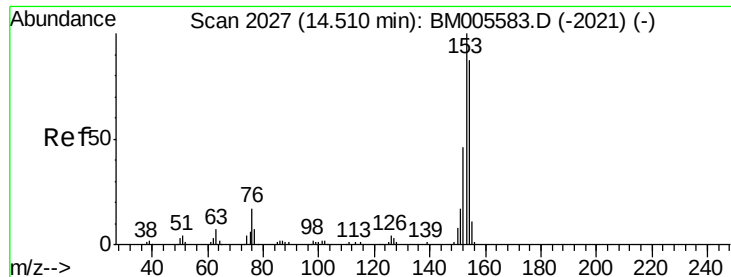


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 29.53 ng/ul

RT: 14.53 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

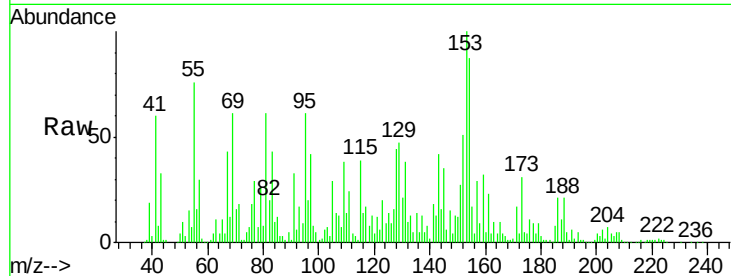
Tgt Ion:153 Resp: 453360

Ion Ratio Lower Upper

153 100

152 50.9 37.8 56.6

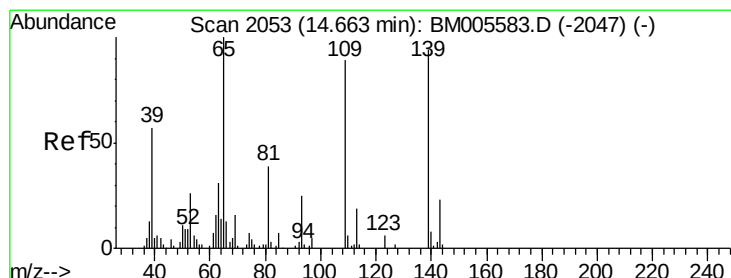
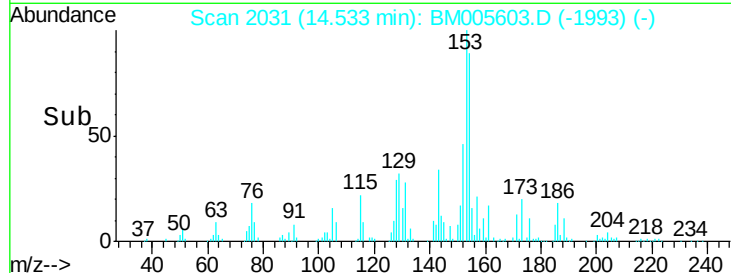
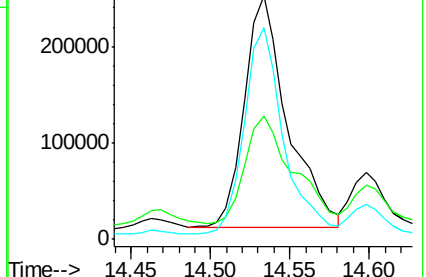
154 87.1 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 7.97 ng/ul

RT: 14.66 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

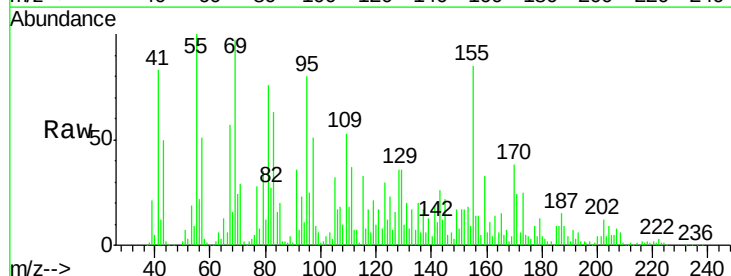
Tgt Ion:109 Resp: 27777

Ion Ratio Lower Upper

109 100

139 24.0 87.5 131.3#

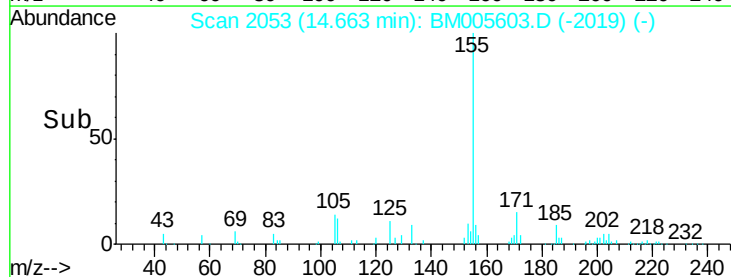
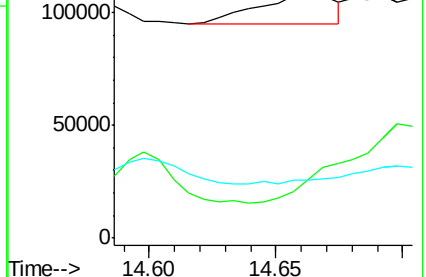
65 23.6 90.2 135.2#

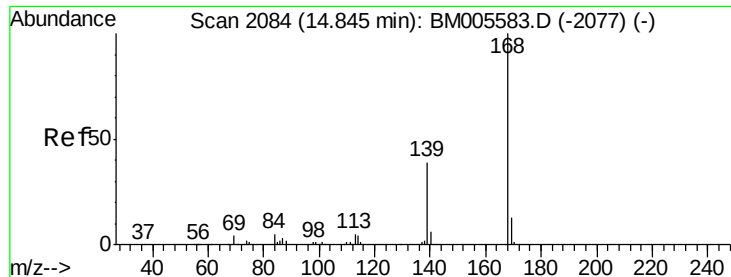


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzofuran

Concen: 1.07 ng/ul

RT: 14.87 min Scan# 2088

Delta R.T. 0.02 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

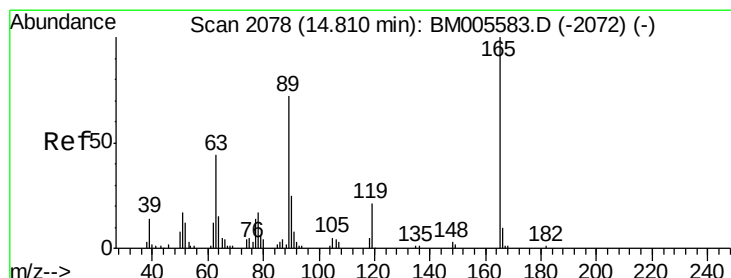
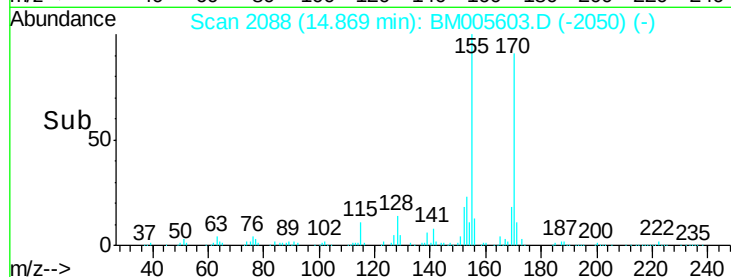
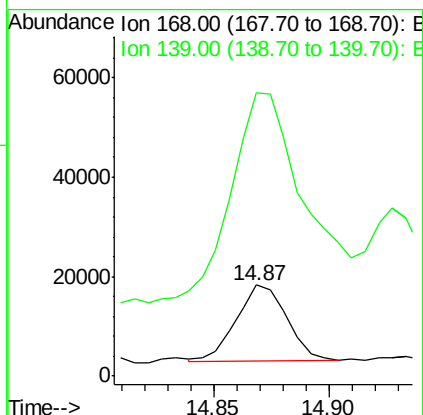
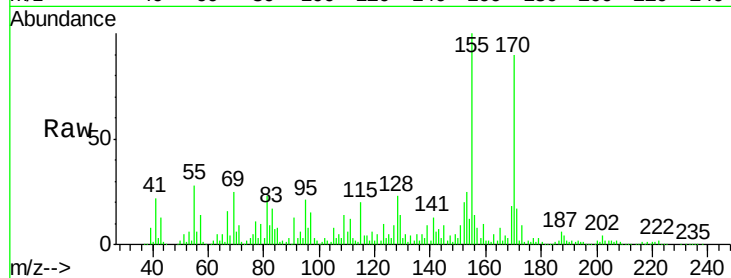
JHGL1

Tgt Ion:168 Resp: 23495

Ion Ratio Lower Upper

168 100

139 310.8 30.6 46.0#



#54

2,4-Dinitrotoluene

Concen: 12.31 ng/ul

RT: 14.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

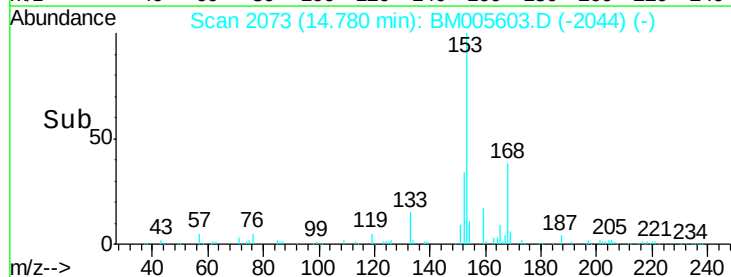
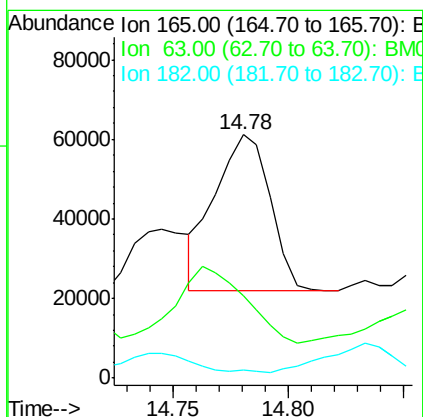
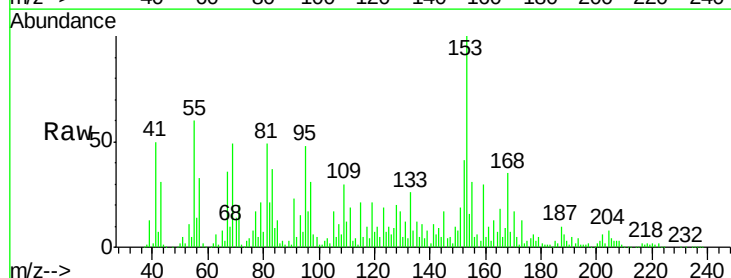
Tgt Ion:165 Resp: 65794

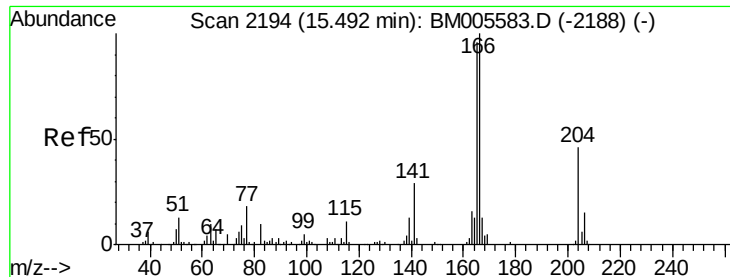
Ion Ratio Lower Upper

165 100

63 34.0 33.9 50.9

182 3.3 2.3 3.5





#58

Fluorene

Concen: 1.94 ng/ul

RT: 15.52 min Scan# 2199

Delta R.T. 0.03 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampled :

JHGL1

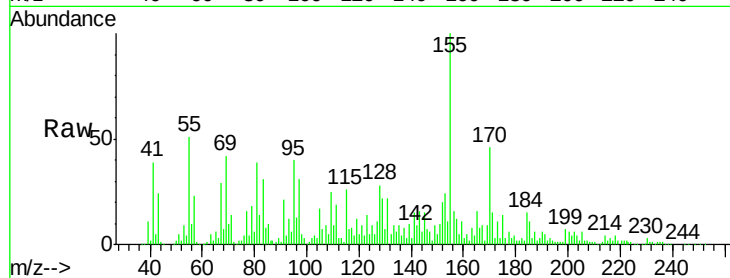
Tgt Ion:166 Resp: 34092

Ion Ratio Lower Upper

166 100

165 205.8 78.0 117.0#

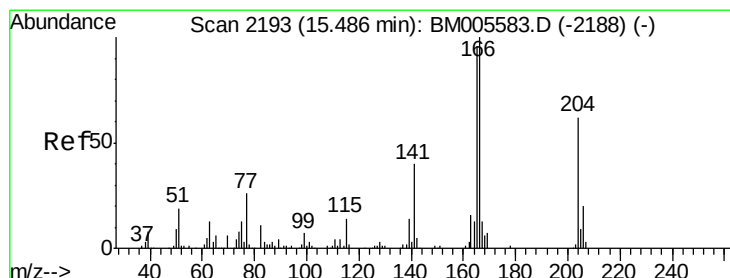
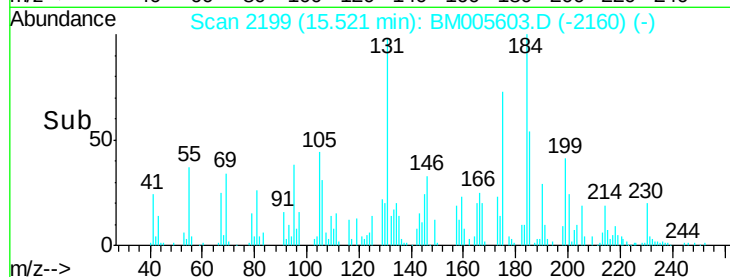
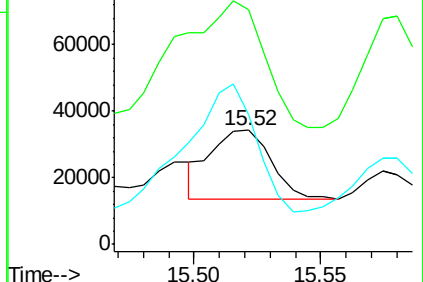
167 113.9 10.5 15.7#



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



#59

4-Chlorophenyl-phenylether

Concen: 1.43 ng/ul

RT: 15.54 min Scan# 2202

Delta R.T. 0.05 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

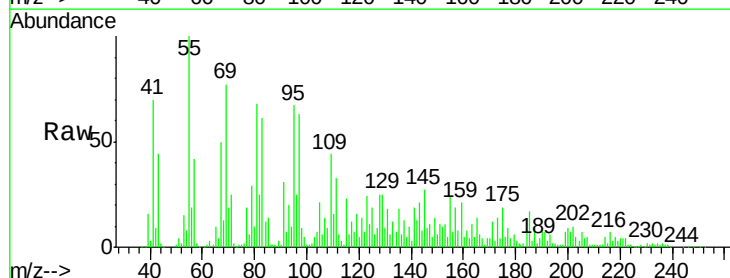
Tgt Ion:204 Resp: 12495

Ion Ratio Lower Upper

204 100

206 132.2 25.3 37.9#

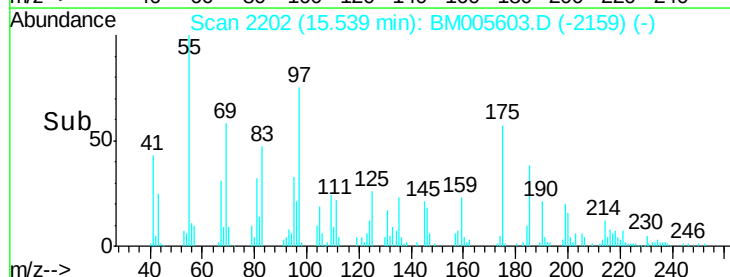
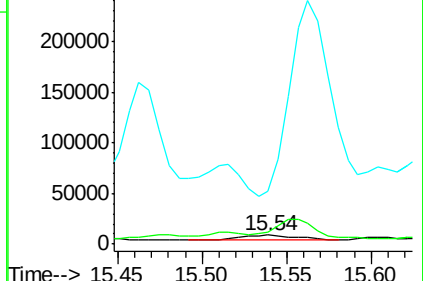
141 581.6 50.5 75.7#

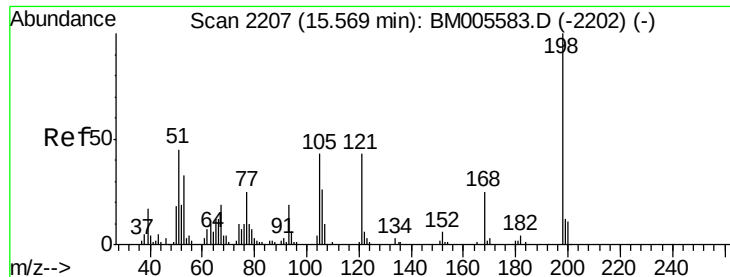


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

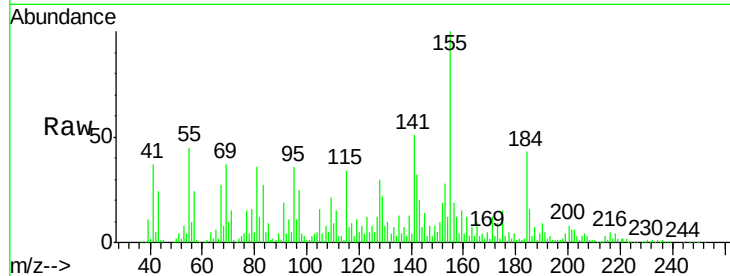




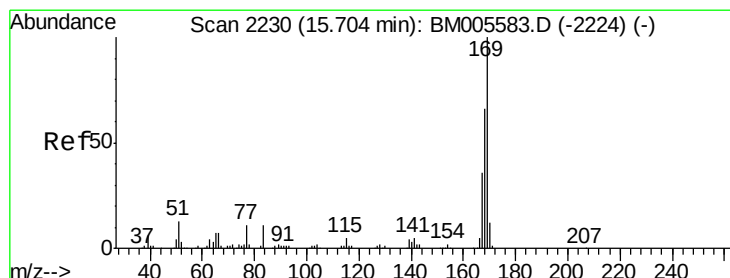
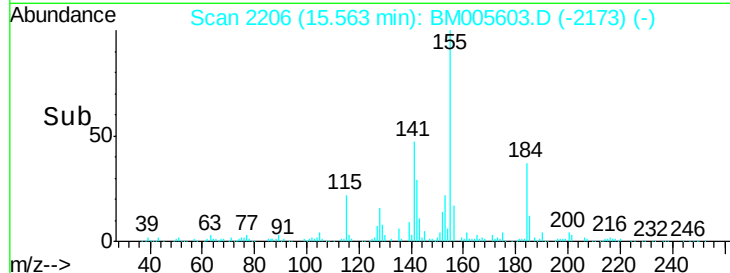
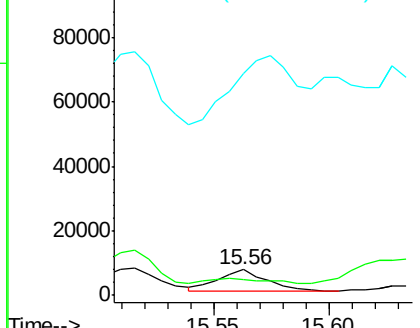
#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.02 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BM005603.D
 Acq: 23 May 2016 01:06

Instrument :
 BNA_M
 ClientSampled :
 JHGL1

Tgt Ion:198 Resp: 9313
 Ion Ratio Lower Upper
 198 100
 182 64.2 2.5 3.7#
 77 871.7 21.8 32.8#

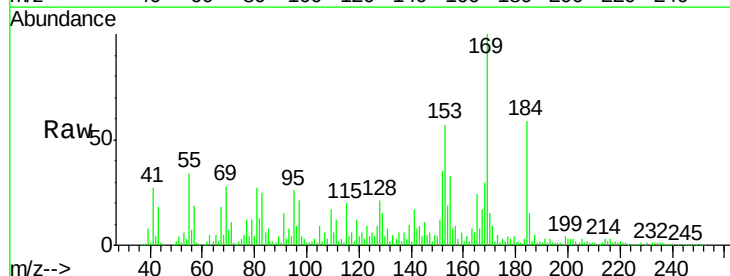


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

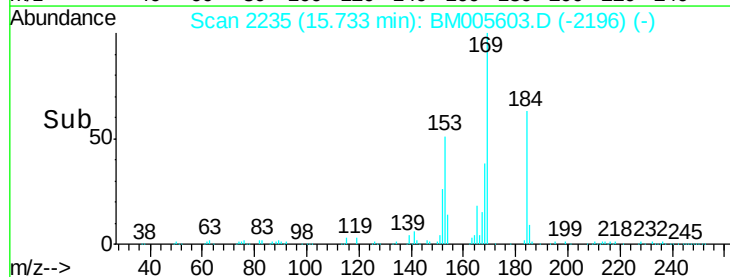
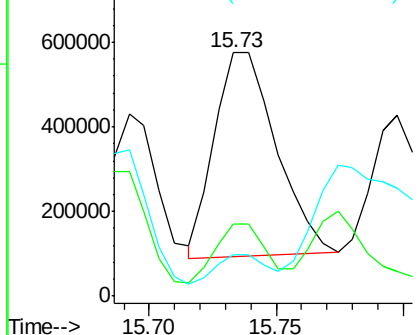


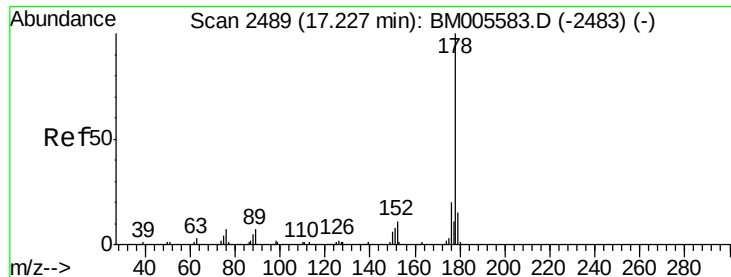
#64
 N-Nitrosodiphenylamine
 Concen: 52.84 ng/ul
 RT: 15.73 min Scan# 2235
 Delta R.T. 0.03 min
 Lab File: BM005603.D
 Acq: 23 May 2016 01:06

Tgt Ion:169 Resp: 817852
 Ion Ratio Lower Upper
 169 100
 168 29.6 53.2 79.8#
 167 17.2 28.9 43.3#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 15.15 ng/ul

RT: 17.26 min Scan# 2495

Delta R.T. 0.04 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

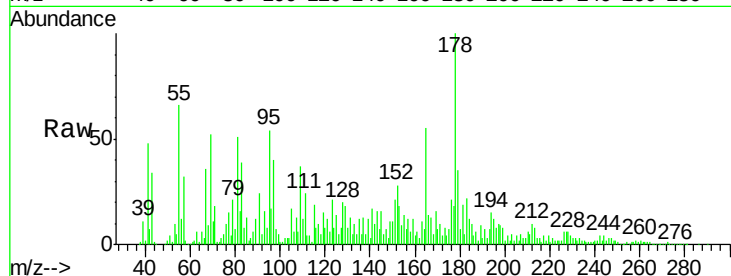
Tgt Ion:178 Resp: 432028

Ion Ratio Lower Upper

178 100

179 35.1 12.2 18.2#

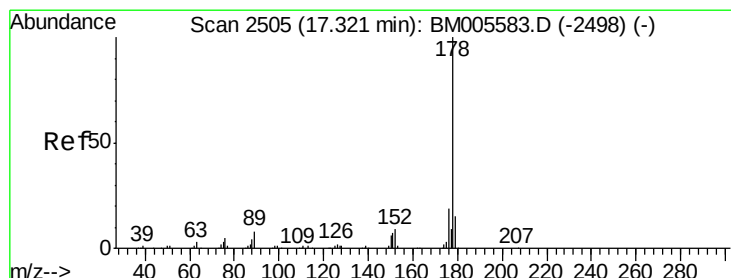
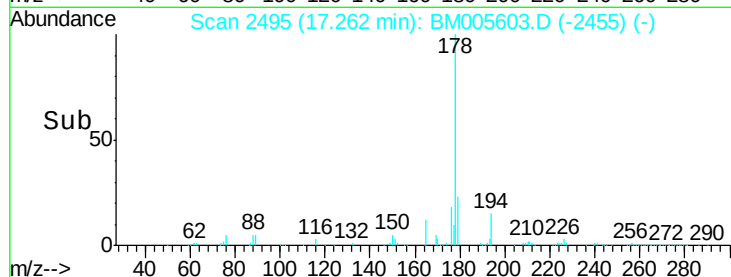
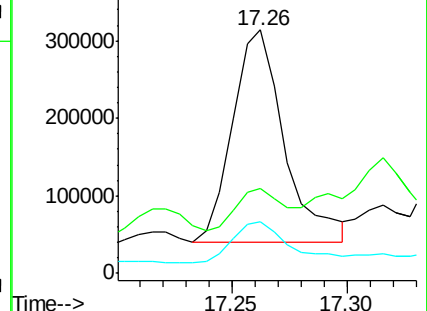
176 21.2 15.8 23.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 17.07 ng/ul

RT: 17.35 min Scan# 2510

Delta R.T. 0.03 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

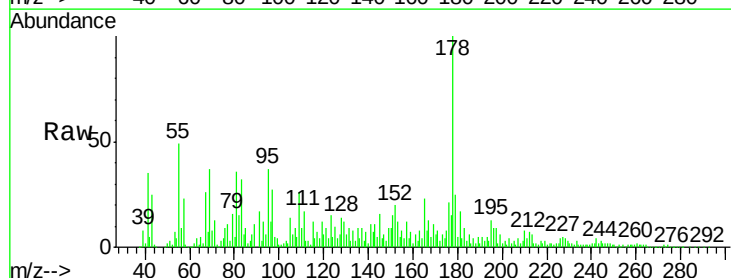
Tgt Ion:178 Resp: 495900

Ion Ratio Lower Upper

178 100

179 24.8 12.6 18.8#

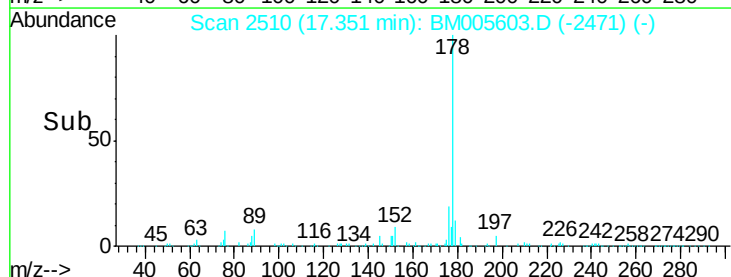
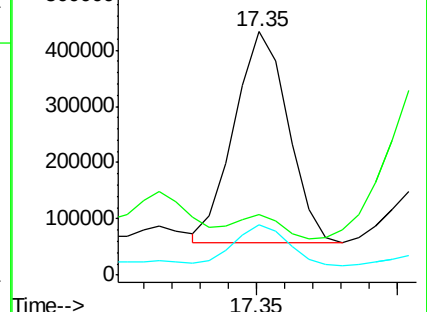
176 20.5 15.0 22.4

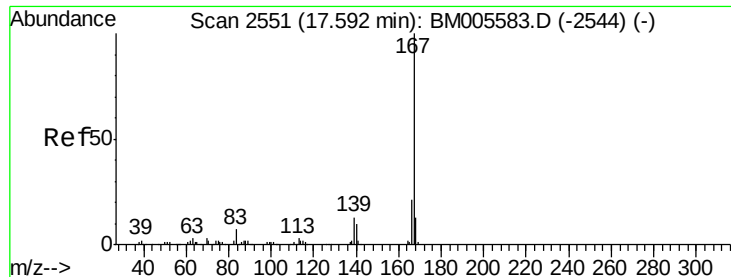


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.62 ng/ul

RT: 17.62 min Scan# 2556

Delta R.T. 0.03 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

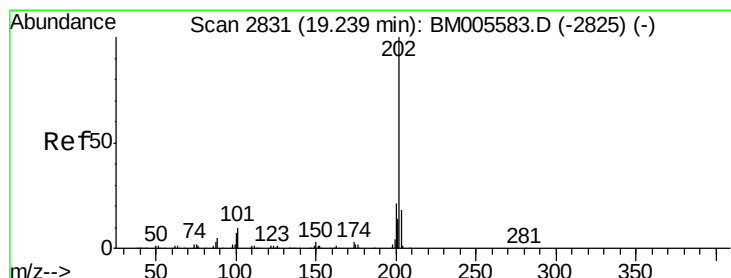
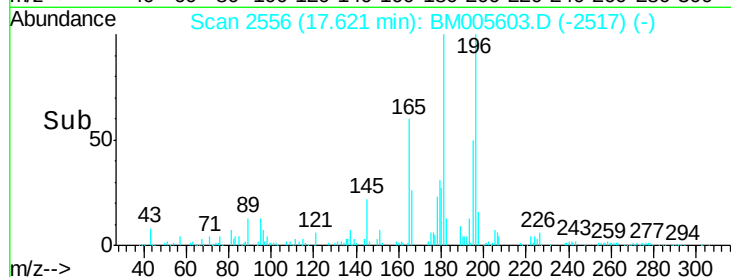
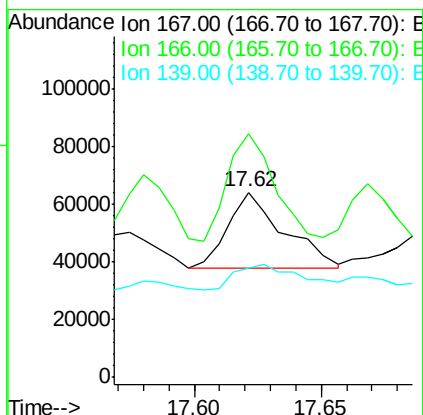
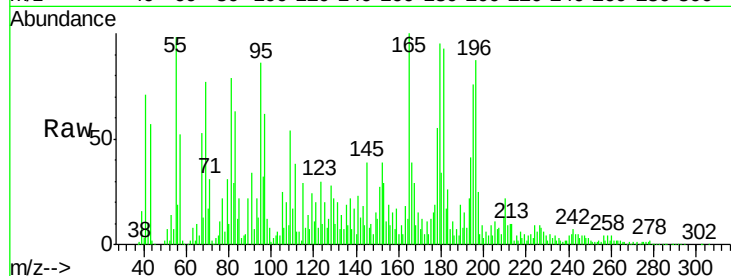
Tgt Ion:167 Resp: 40970

Ion Ratio Lower Upper

167 100

166 131.5 16.9 25.3#

139 58.9 10.6 16.0#



#74

Fluoranthene

Concen: 93.94 ng/ul

RT: 19.27 min Scan# 2837

Delta R.T. 0.04 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

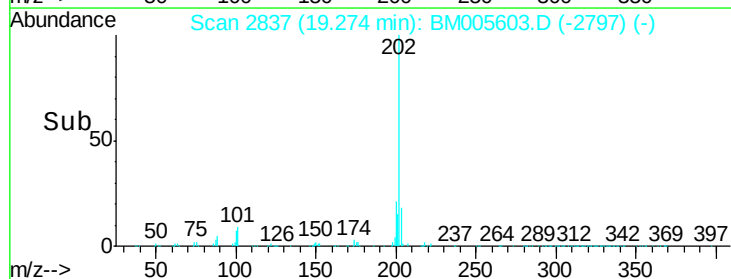
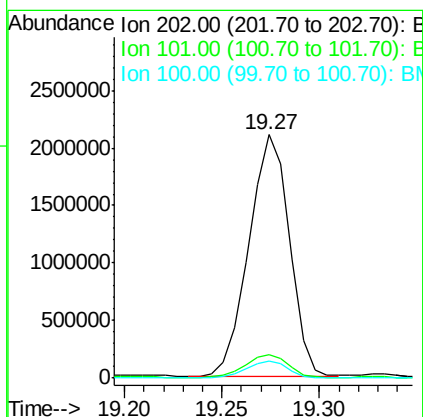
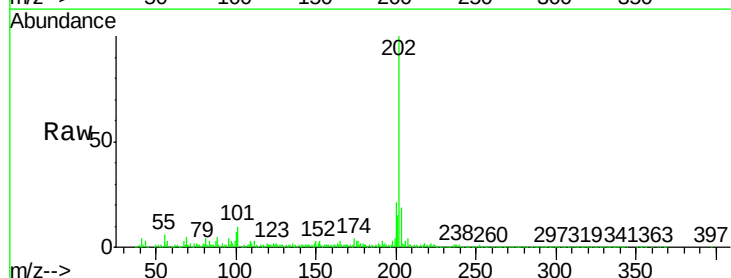
Tgt Ion:202 Resp: 3014765

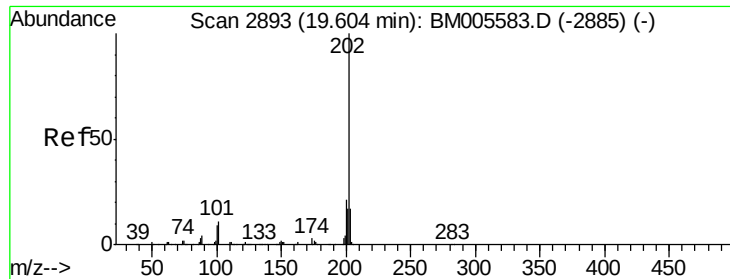
Ion Ratio Lower Upper

202 100

101 9.6 7.9 11.9

100 7.0 5.6 8.4





#77

Pyrene

Concen: 81.01 ng/ul

RT: 19.64 min Scan# 2899

Delta R.T. 0.04 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

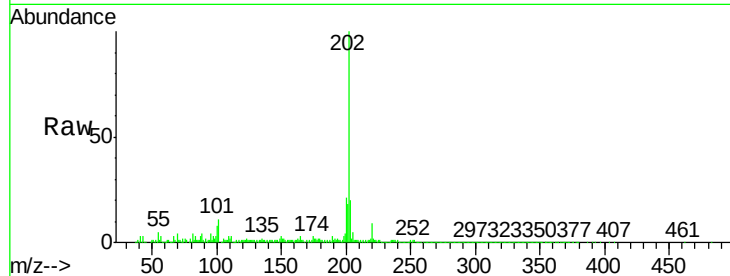
Tgt Ion:202 Resp: 2970635

Ion Ratio Lower Upper

202 100

101 11.2 9.6 14.4

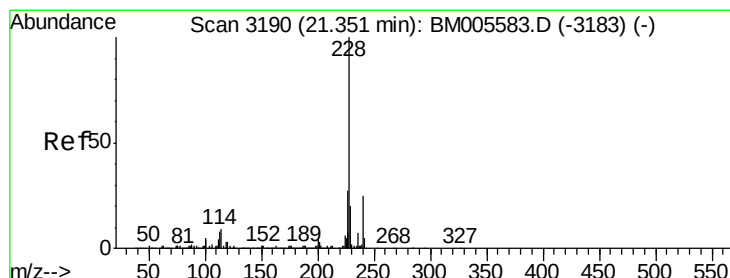
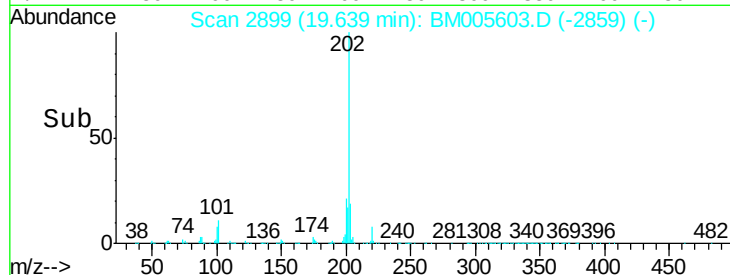
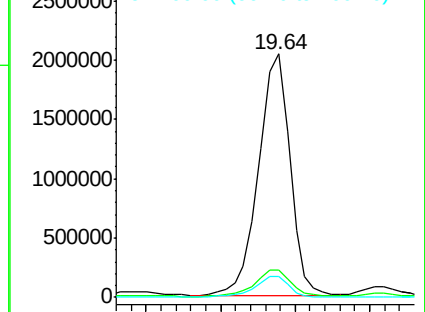
100 8.4 7.8 11.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 22.68 ng/ul

RT: 21.37 min Scan# 3193

Delta R.T. 0.02 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

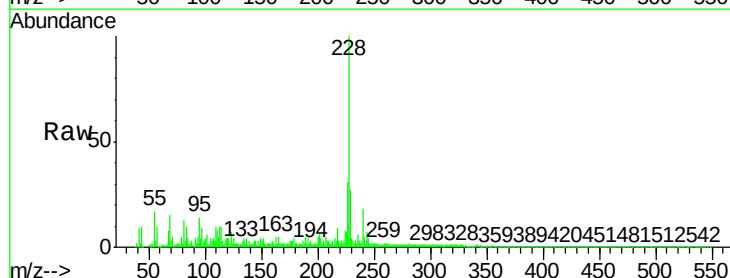
Tgt Ion:228 Resp: 850501

Ion Ratio Lower Upper

228 100

229 26.5 15.4 23.2#

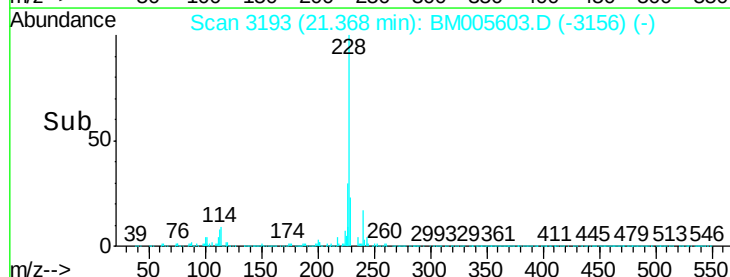
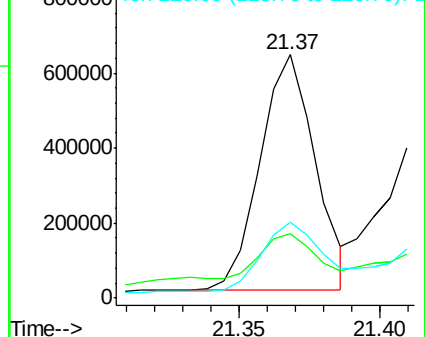
226 31.2 21.0 31.4

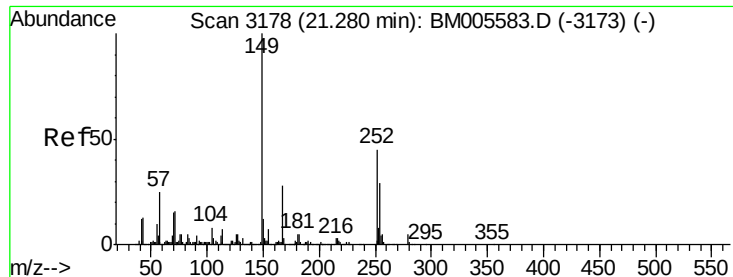


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

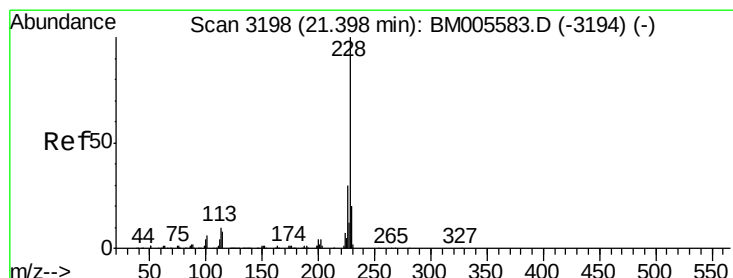
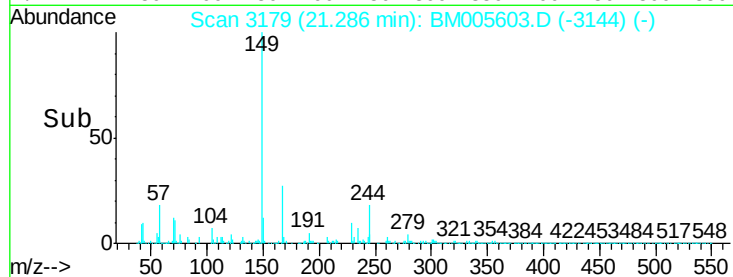
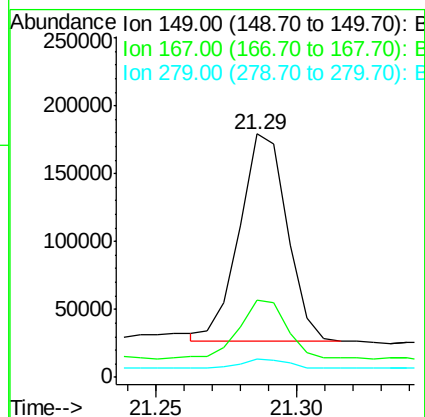
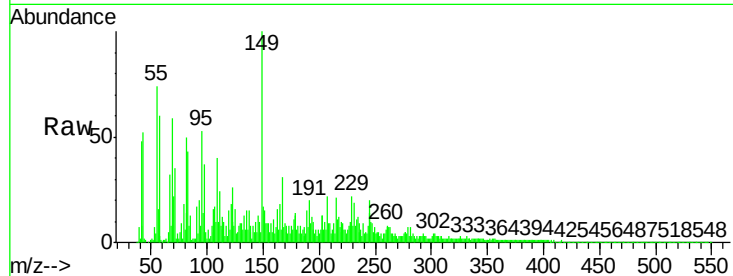




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 8.25 ng/ul
 RT: 21.29 min Scan# 3179
 Delta R.T. 0.01 min
 Lab File: BM005603.D
 Acq: 23 May 2016 01:06

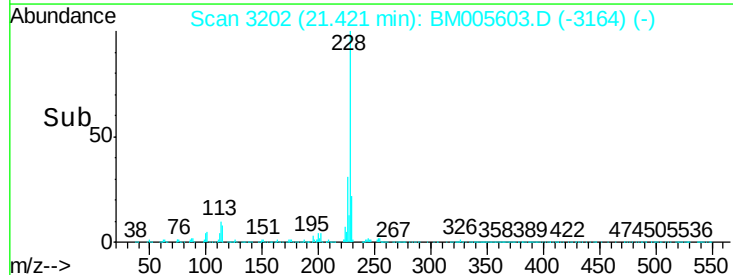
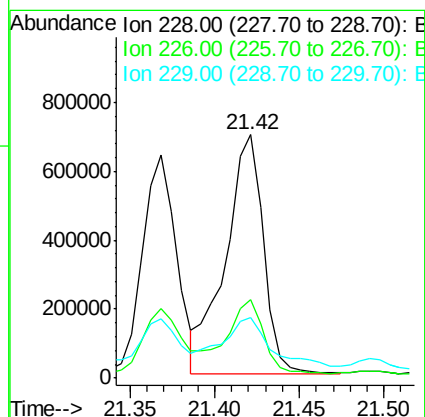
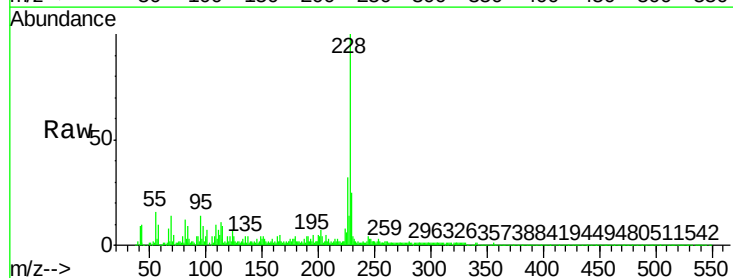
Instrument :
 BNA_M
 ClientSampleId :
 JHGL1

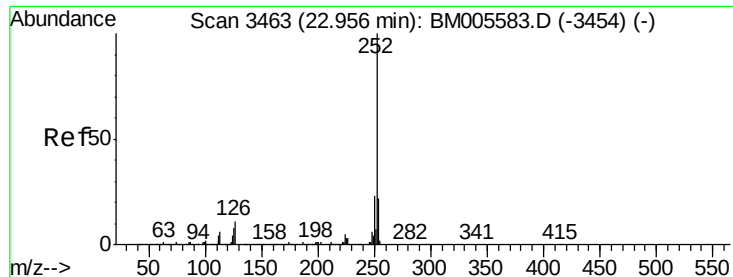
Tgt Ion:149 Resp: 180115
 Ion Ratio Lower Upper
 149 100
 167 31.5 22.0 33.0
 279 7.4 3.8 5.8#



#82
 Chrysene
 Concen: 30.57 ng/ul
 RT: 21.42 min Scan# 3202
 Delta R.T. 0.02 min
 Lab File: BM005603.D
 Acq: 23 May 2016 01:06

Tgt Ion:228 Resp: 1090392
 Ion Ratio Lower Upper
 228 100
 226 32.1 23.7 35.5
 229 24.8 15.5 23.3#





#85

Benzo(b)fluoranthene

Concen: 28.47 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. 0.03 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

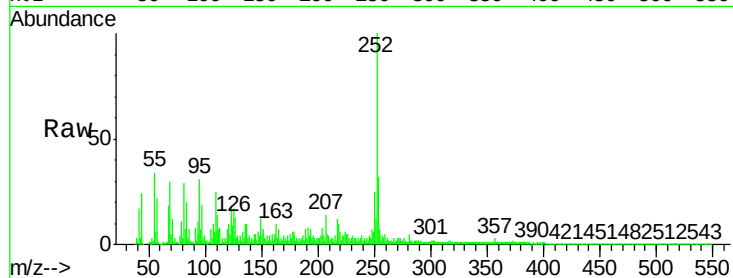
Tgt Ion:252 Resp: 974823

Ion Ratio Lower Upper

252 100

253 31.8 17.3 25.9#

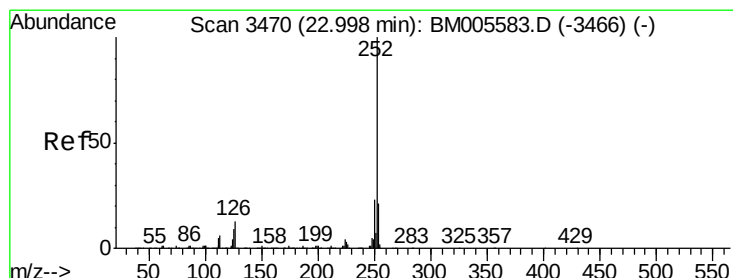
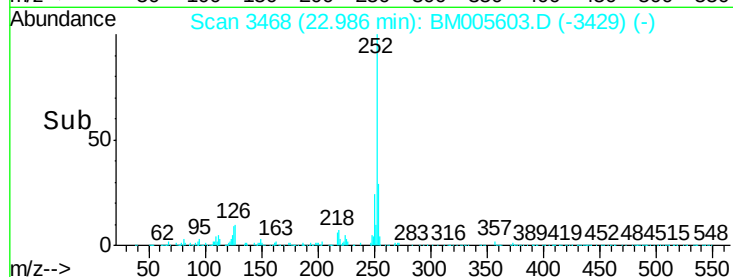
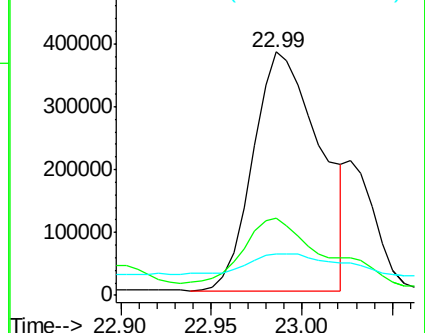
125 17.2 7.0 10.4#



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



#86

Benzo(k)fluoranthene

Concen: 30.07 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

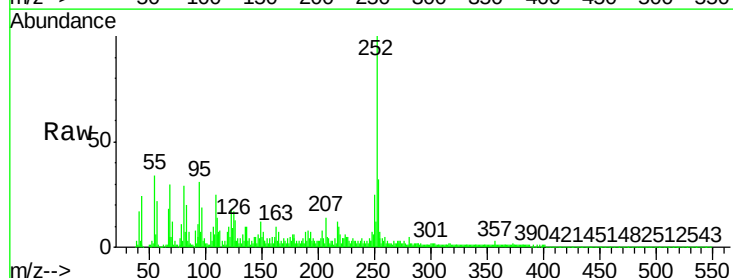
Tgt Ion:252 Resp: 974823

Ion Ratio Lower Upper

252 100

253 31.8 17.5 26.3#

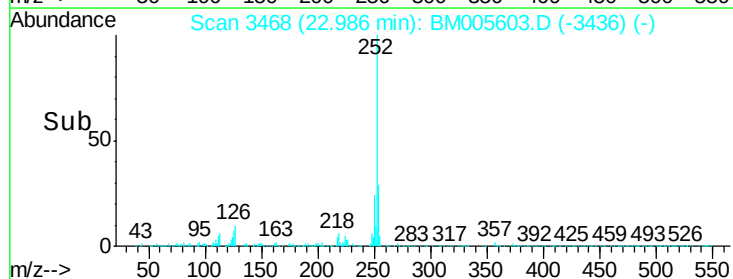
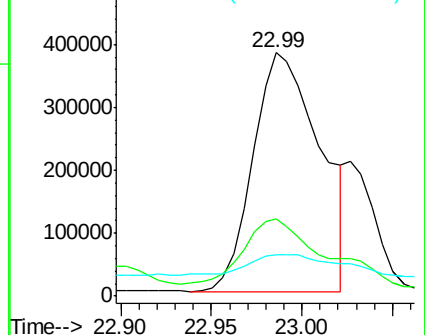
125 17.2 7.0 10.6#

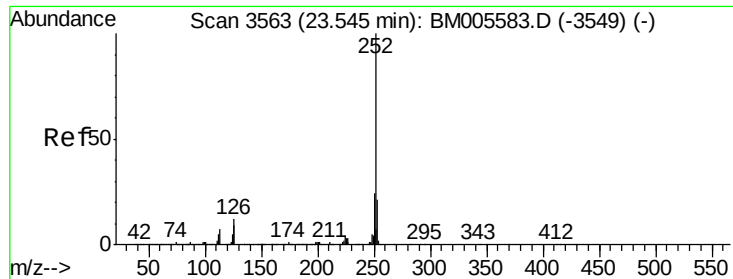


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 22.60 ng/ul

RT: 23.58 min Scan# 3569

Delta R.T. 0.04 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

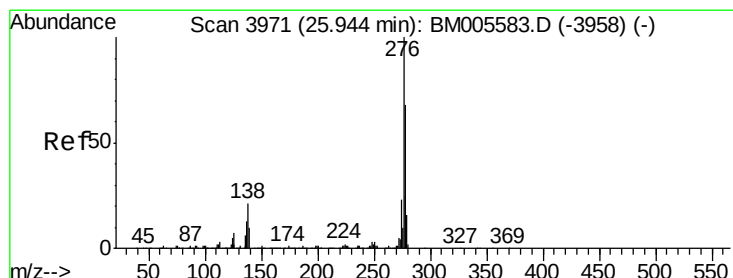
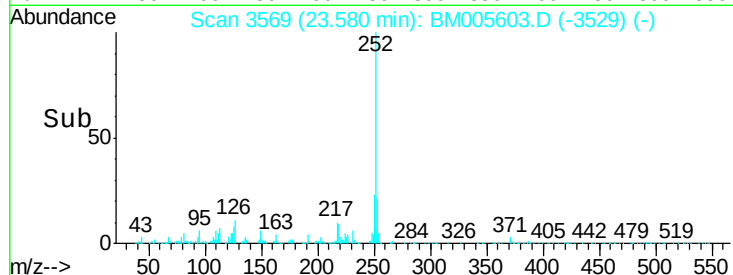
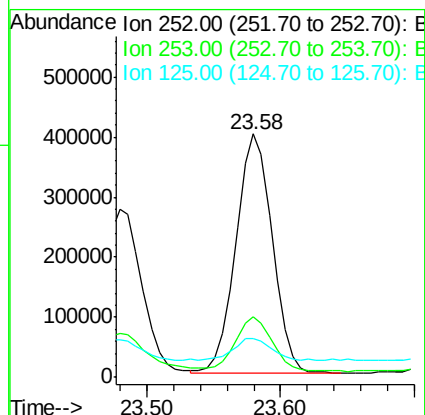
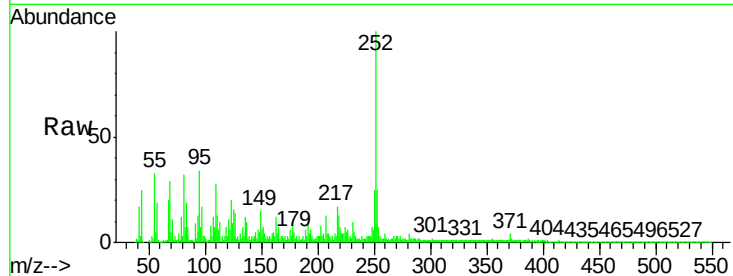
Instrument :

BNA_M

ClientSampleId :

JHGL1

Tgt Ion:	252	Resp:	750725
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	15.7	7.6	11.4#



#89

Indeno(1,2,3-cd)pyrene

Concen: 11.87 ng/ul

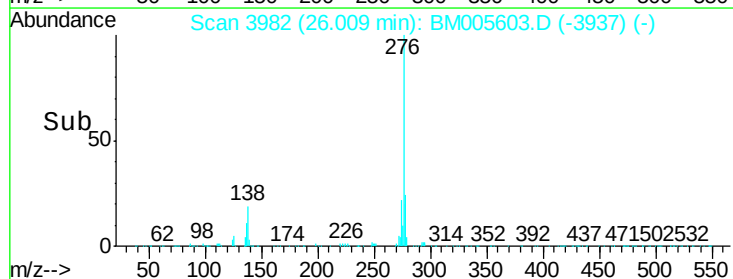
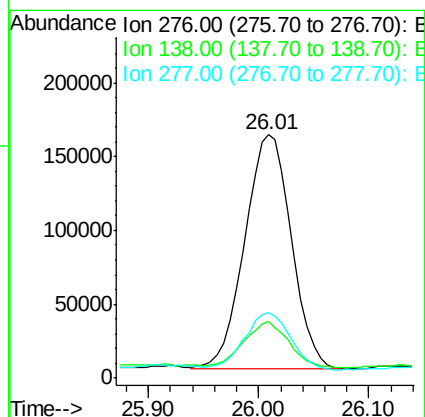
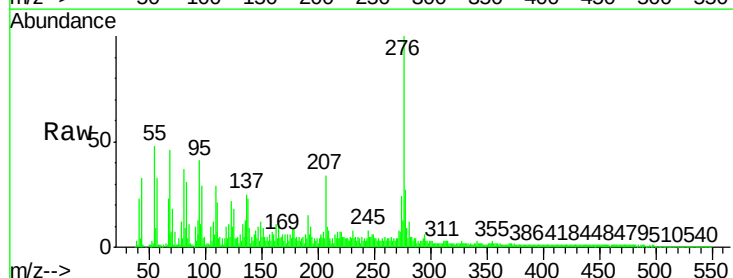
RT: 26.01 min Scan# 3982

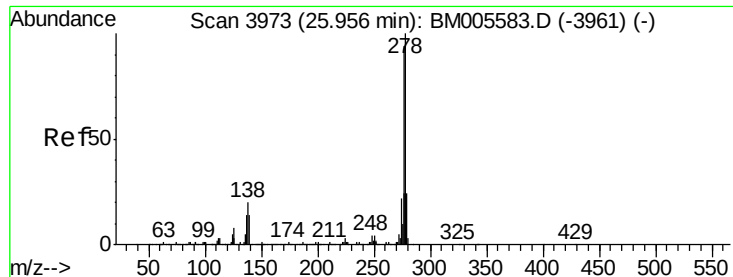
Delta R.T. 0.06 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Tgt Ion:	276	Resp:	468286
Ion	Ratio	Lower	Upper
276	100		
138	23.1	16.9	25.3
277	27.0	20.2	30.4





#90

Dibenzo(a,h)anthracene

Concen: 3.30 ng/ul

RT: 26.00 min Scan# 3981

Delta R.T. 0.05 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Instrument :

BNA_M

ClientSampleId :

JHGL1

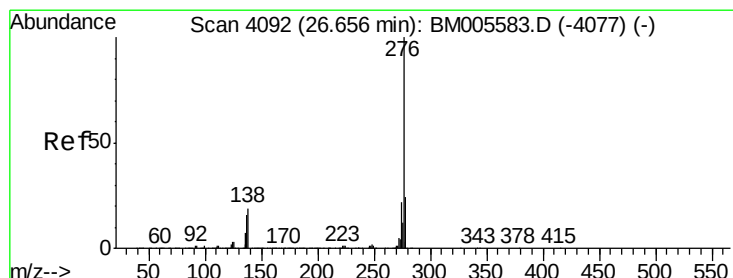
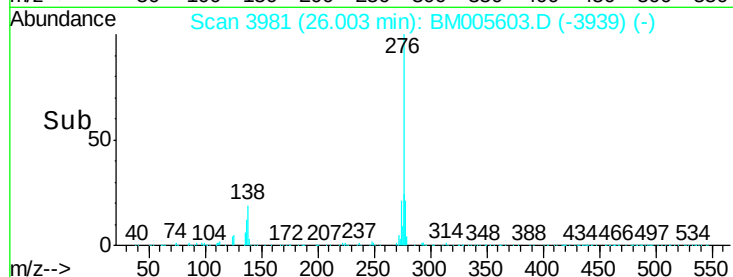
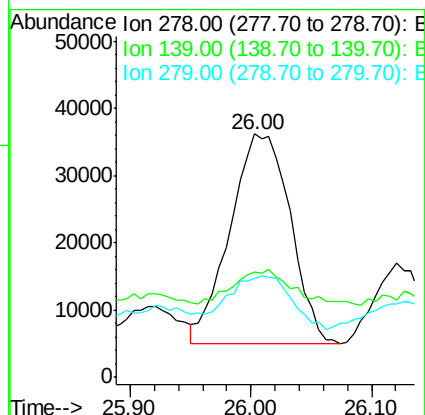
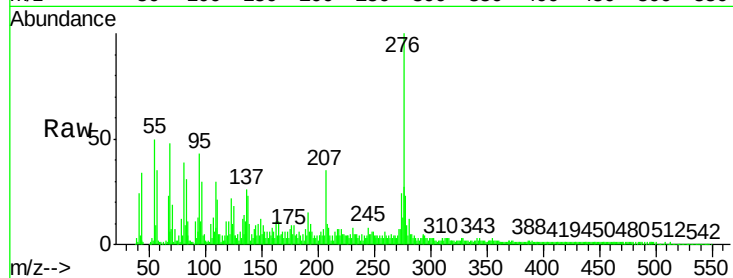
Tgt Ion:278 Resp: 108601

Ion Ratio Lower Upper

278 100

139 43.3 11.8 17.6#

279 40.5 19.4 29.2#



#91

Benzo(g,h,i)perylene

Concen: 14.58 ng/ul

RT: 26.73 min Scan# 4104

Delta R.T. 0.07 min

Lab File: BM005603.D

Acq: 23 May 2016 01:06

Tgt Ion:276 Resp: 483688

Ion Ratio Lower Upper

276 100

138 22.8 15.0 22.6#

277 26.5 18.6 28.0

