

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002246.D
 Acq On : 05 Aug 2015 23:24
 Operator : TP/UM
 Sample : G3065-18RX
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 06 01:49:05 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 01:44:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	39288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	169145	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	112857	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	288876	20.00	ng/ul	0.01
78) Chrysene-d12	21.14	240	1148	20.00	ng/ul	-0.01
86) Perylene-d12	23.39	264	271867	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	1280	1.85	ng/uL	0.00
5) Phenol-d5	6.73	99	27810	9.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	18089	11.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	29344	11.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	25717	10.61	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	15345	12.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	15360	10.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	26029	9.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	27324	8.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	116099	14.14	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	149648	14.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	7661	7.20	ng/ul	0.02
58) Fluorene-d10	15.20	176	111645	15.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	4155	2.50	ng/ul	0.00
71) Anthracene-d10	17.06	188	187396	14.58	ng/ul	0.02
79) Pyrene-d10	19.34	212	2886	52.52	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.24	264	187387	14.19	ng/ul	0.04

Target Compounds

					Ovalue
28) Naphthalene	10.35	128	22653	2.83 ng/ul#	94
32) Caprolactam	11.31	113	1414	2.00 ng/ul#	1
34) 2-Methylnaphthalene	11.99	142	11586	1.88 ng/ul	100
35) 1-Methylnaphthalene	12.21	142	9571	1.63 ng/ul#	98
45) Dimethylphthalate	13.66	163	50697	6.19 ng/ul#	93
46) 2,6-Dinitrotoluene	13.79	165	6783	3.98 ng/ul#	23
48) Acenaphthylene	13.92	152	32226	3.05 ng/ul#	71
49) 3-Nitroaniline	14.14	138	4752	3.11 ng/ul#	44
50) Acenaphthene	14.26	153	26227	3.79 ng/ul	94
53) 4-Nitrophenol	14.50	109	3242	3.48 ng/ul#	12
54) Dibenzofuran	14.60	168	21817	2.18 ng/ul#	73
59) Fluorene	15.26	166	43520	5.28 ng/ul#	89
60) 4-Chlorophenyl-phenylether	15.26	204	7555	1.72 ng/ul#	24
64) 4,6-Dinitro-2-methylphenol	15.37	198	3105	1.83 ng/ul#	1
65) N-Nitrosodiphenylamine	15.47	169	28816	3.36 ng/ul#	51
70) Phenanthrene	17.00	178	462913	31.21 ng/ul#	94
72) Anthracene	17.10	178	108894	7.18 ng/ul#	77
75) Carbazole	17.39	167	37845	3.00 ng/ul#	20
76) Di-n-butylphthalate	17.93	149	22860	1.53 ng/ul#	40
77) Fluoranthene	19.06	202	963728	59.37 ng/ul	97
80) Pyrene	19.43	202	1071049	15179.24 ng/ul	96
81) Butylbenzylphthalate	20.27	149	6285	247.00 ng/ul#	21
82) 3,3'-Dichlorobenzidine	21.07	252	529	26.62 ng/ul#	26

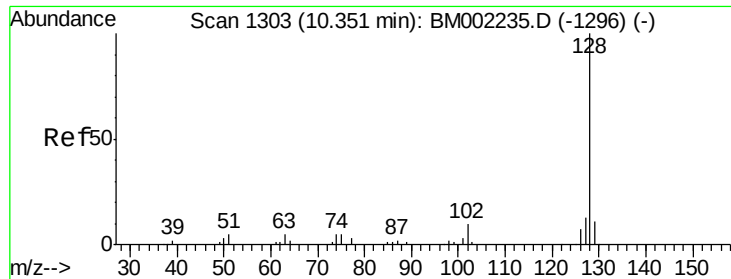
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002246.D
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Quant Time: Aug 06 01:49:05 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 01:44:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Benzo(a)anthracene	21.12	228	6292	97.83	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.03	149	2453	67.78	ng/ul#	28
85) Chrysene	21.18	228	357824	6043.10	ng/ul#	89
88) Benzo(b)fluoranthene	22.73	252	520999	34.01	ng/ul#	84
91) Benzo(a)pyrene	23.29	252	305816	20.90	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.59	276	194521	11.80	ng/ul	98
93) Dibenzo(a,h)anthracene	25.57	278	53741	3.82	ng/ul#	62
94) Benzo(a,h,i)perylene	26.27	276	183473	13.36	ng/ul	95

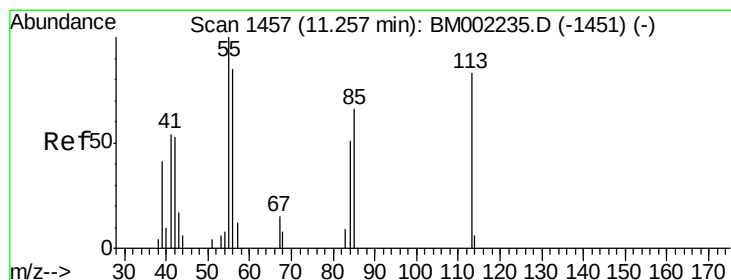
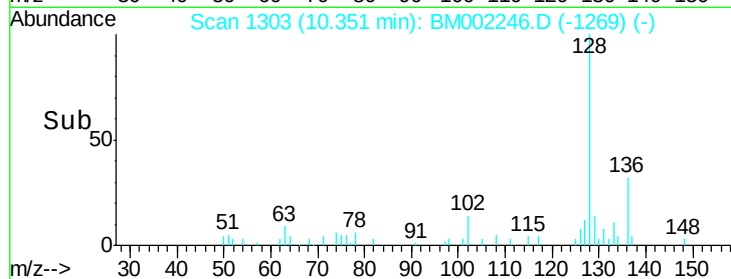
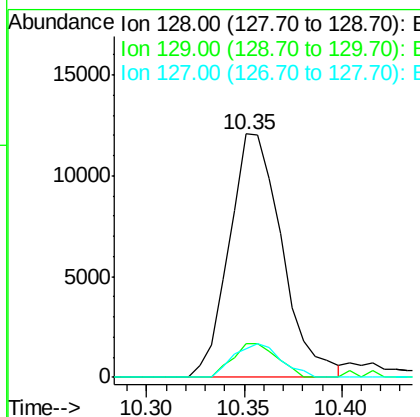
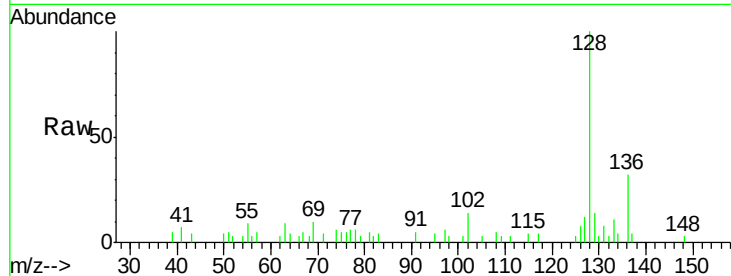
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#28
Naphthalene
Concen: 2.83 ng/ul
RT: 10.35 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

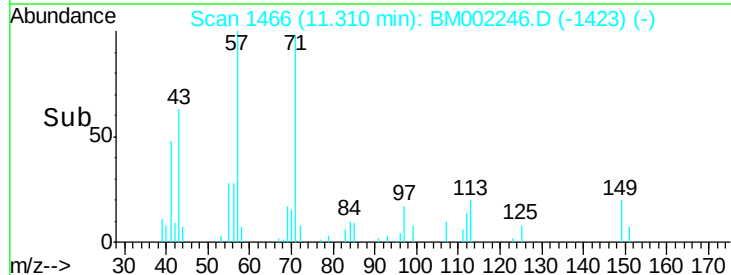
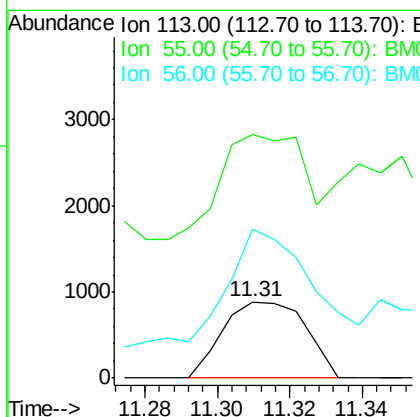
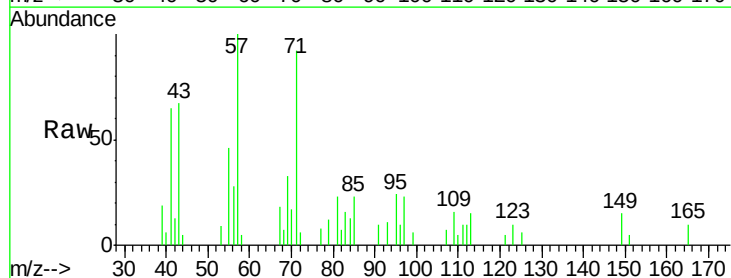
Instrument :
BNA_M
ClientSampleId :

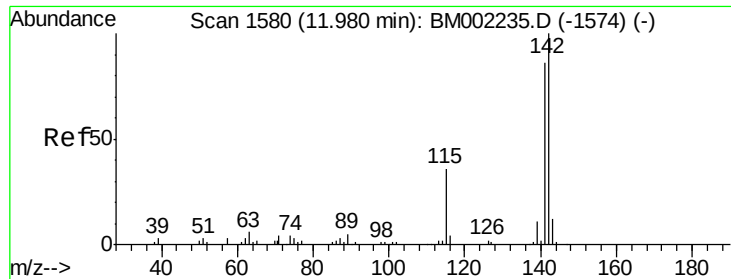
Tot Ion:128 Resp: 22653
Ion Ratio Lower Upper
128 100
129 13.6 8.2 12.2#
127 11.6 10.1 15.1



#32
Caprolactam
Concen: 2.00 ng/ul
RT: 11.31 min Scan# 1466
Delta R.T. 0.05 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

Tgt Ion:113 Resp: 1414
Ion Ratio Lower Upper
113 100
55 318.2 94.5 141.7#
56 194.4 79.5 119.3#

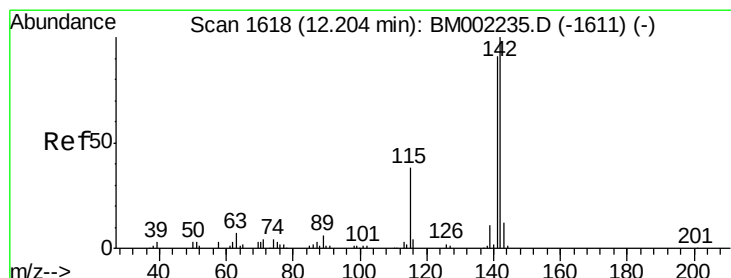
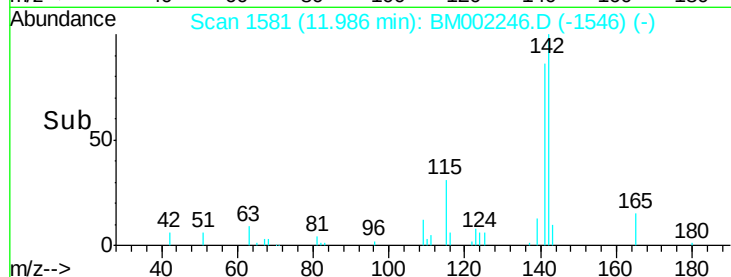
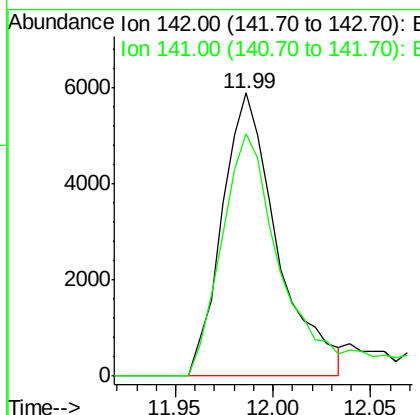
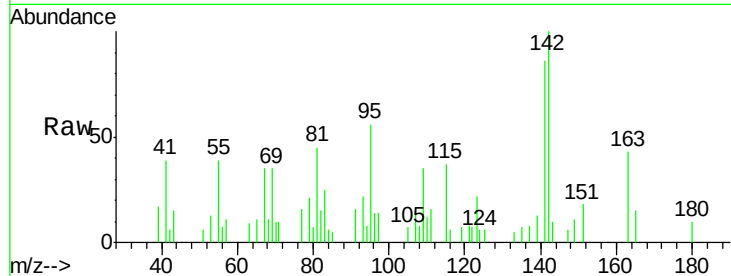




#34
2-Methylnaphthalene
Concen: 1.88 ng/ul
RT: 11.99 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

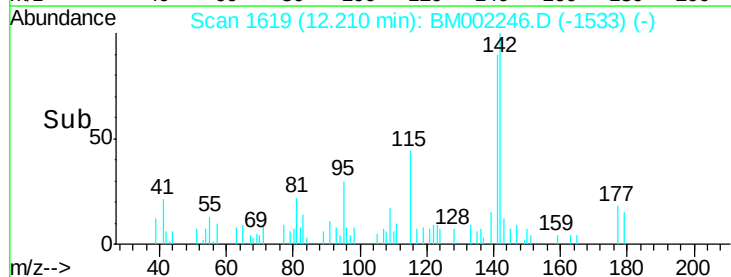
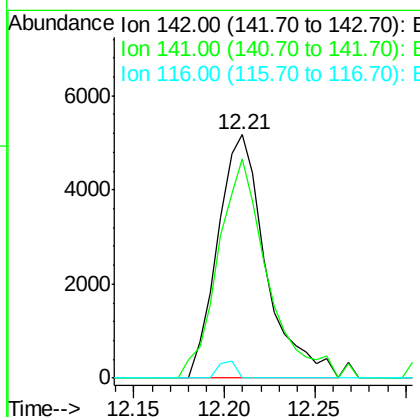
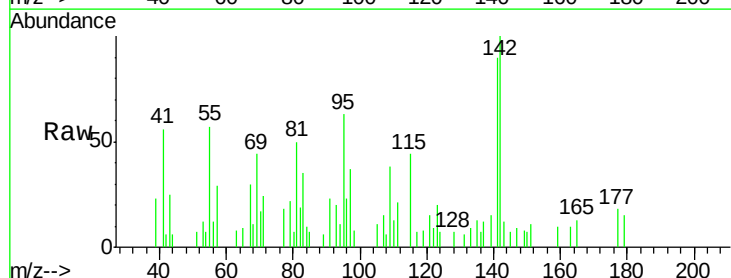
Instrument :
BNA_M
ClientSampleId :

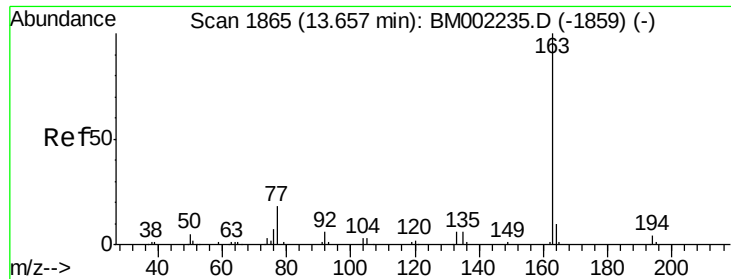
Tot Ion:142 Resp: 11586
Ion Ratio Lower Upper
142 100
141 85.6 68.9 103.3



#35
1-Methylnaphthalene
Concen: 1.63 ng/ul
RT: 12.21 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

Tgt Ion:142 Resp: 9571
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.4
116 0.0 3.3 4.9#





#45

Dimethylphthalate

Concen: 6.19 ng/ul

RT: 13.66 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampled :

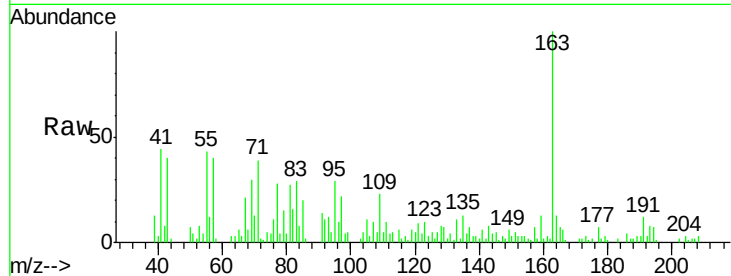
Tot Ion:163 Resp: 50697

Ion Ratio Lower Upper

163 100

194 6.7 3.4 5.2#

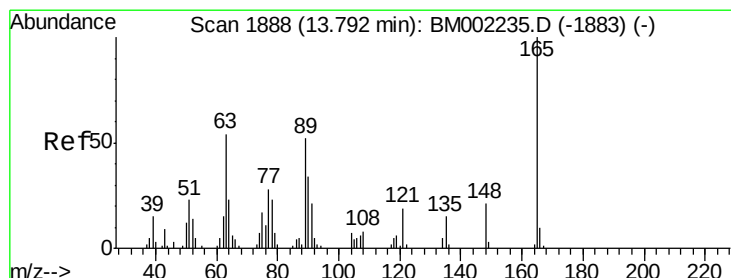
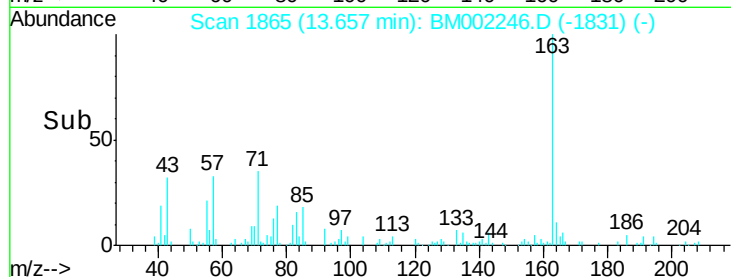
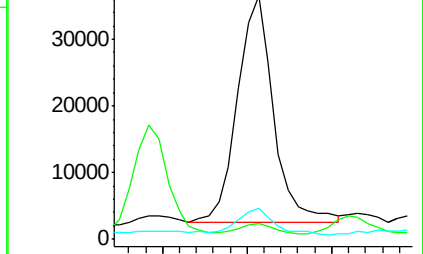
164 12.6 7.9 11.9#



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



#46

2,6-Dinitrotoluene

Concen: 3.98 ng/ul

RT: 13.79 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

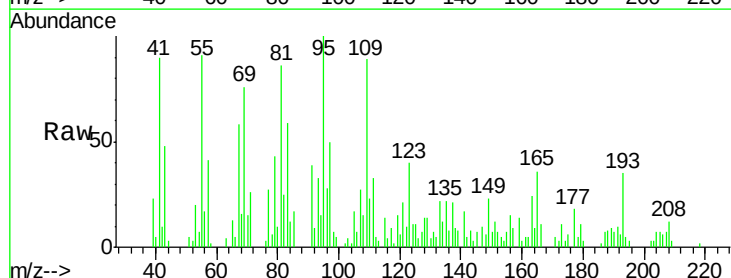
Tgt Ion:165 Resp: 6783

Ion Ratio Lower Upper

165 100

89 0.0 42.7 64.1#

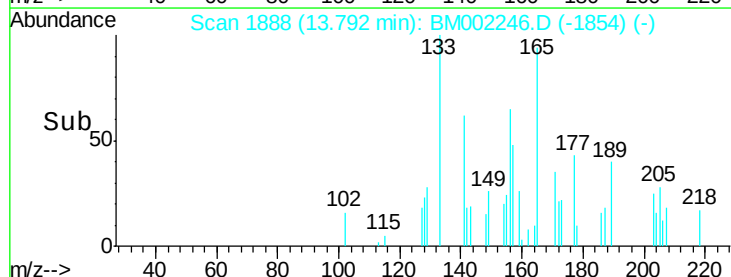
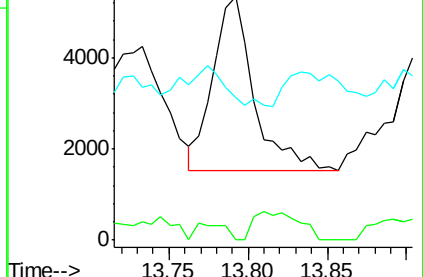
121 58.5 15.9 23.9#

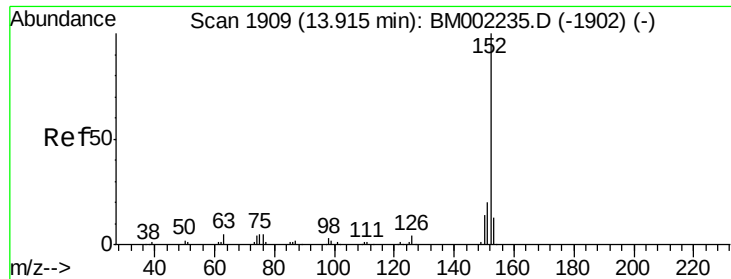


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 3.05 ng/ul

RT: 13.92 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampled :

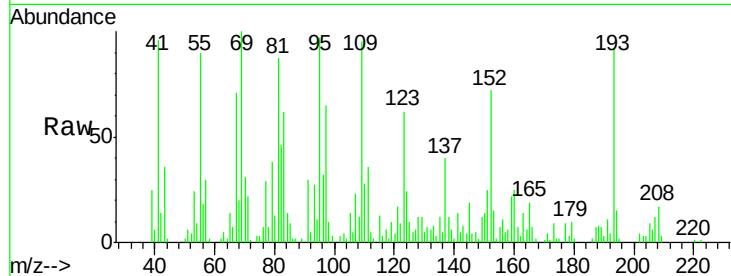
Tot Ion:152 Resp: 32226

Ion Ratio Lower Upper

152 100

151 34.6 15.2 22.8#

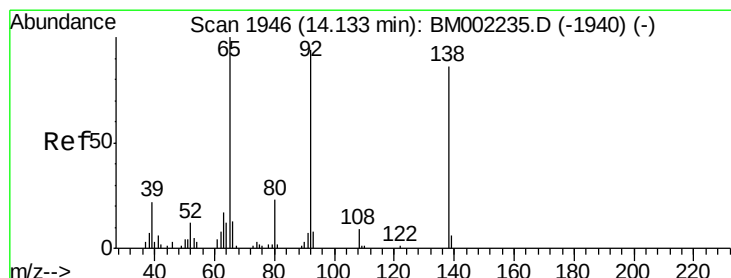
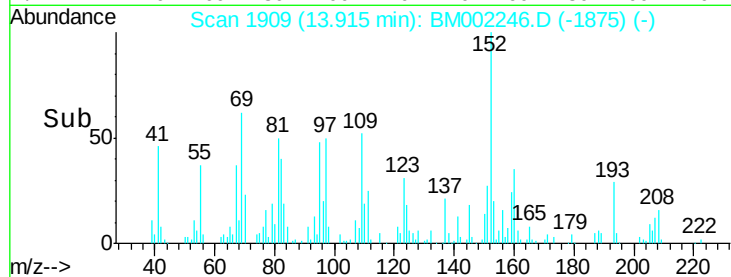
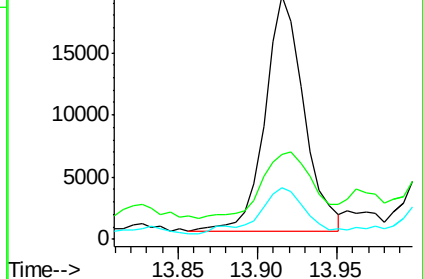
153 21.4 10.3 15.5#



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



#49

3-Nitroaniline

Concen: 3.11 ng/ul

RT: 14.14 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

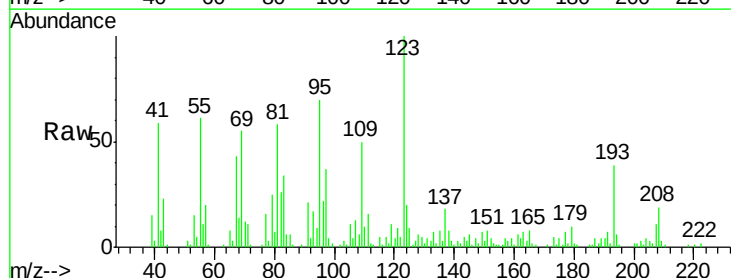
Tgt Ion:138 Resp: 4752

Ion Ratio Lower Upper

138 100

108 75.0 8.1 12.1#

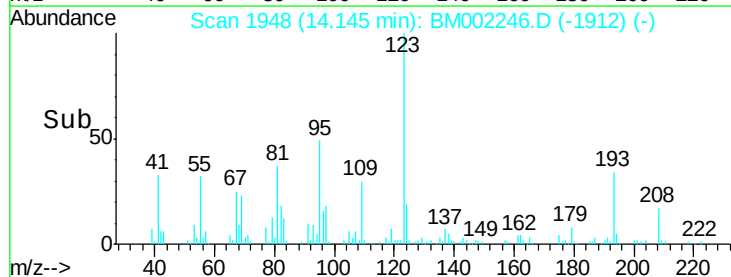
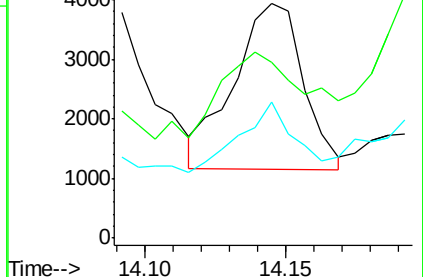
92 57.9 83.1 124.7#

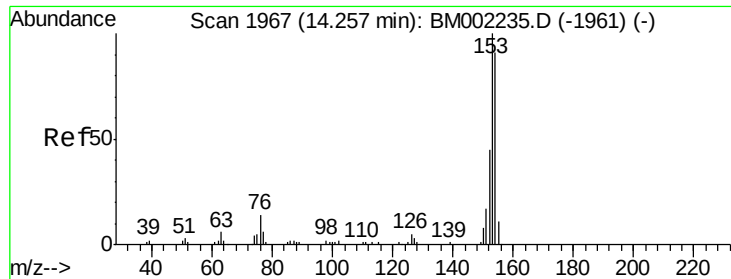


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#50

Acenaphthene

Concen: 3.79 ng/ul

RT: 14.26 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampleId :

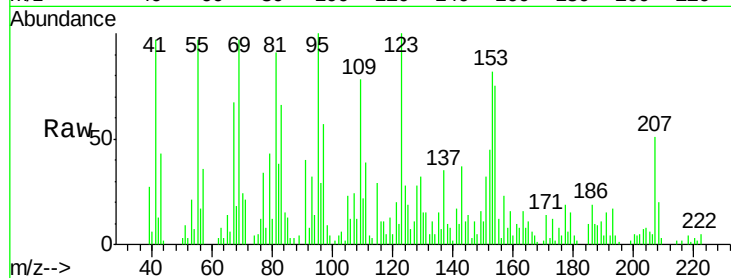
Tot Ion:153 Resp: 26227

Ion Ratio Lower Upper

153 100

152 54.8 36.6 54.8

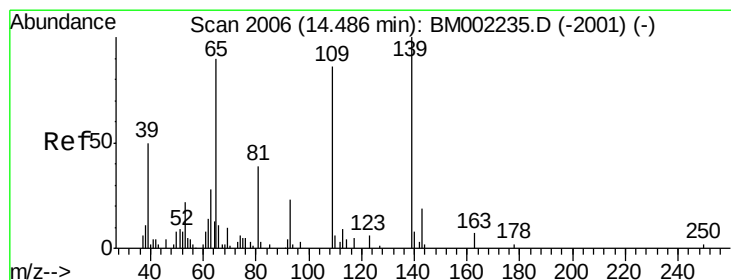
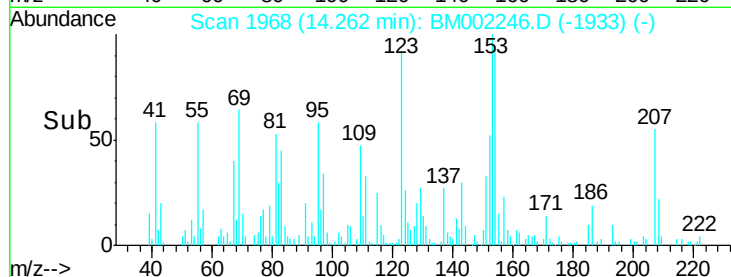
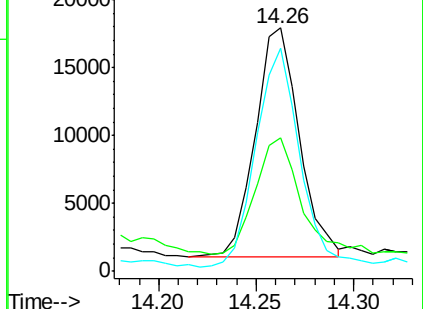
154 91.6 71.7 107.5



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



#53

4-Nitrophenol

Concen: 3.48 ng/ul

RT: 14.50 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

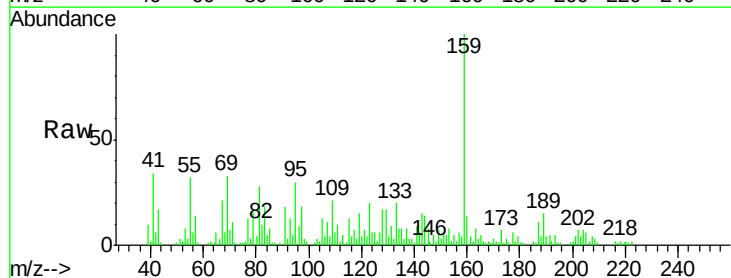
Tgt Ion:109 Resp: 3242

Ion Ratio Lower Upper

109 100

139 14.1 98.7 148.1#

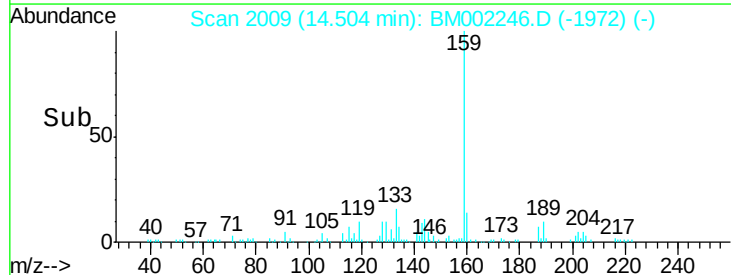
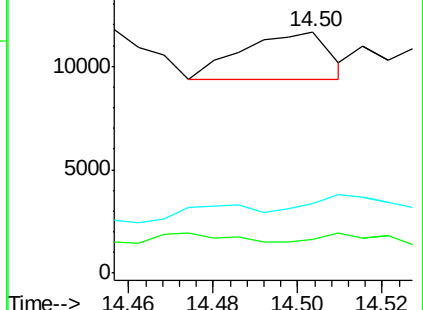
65 29.0 88.8 133.2#

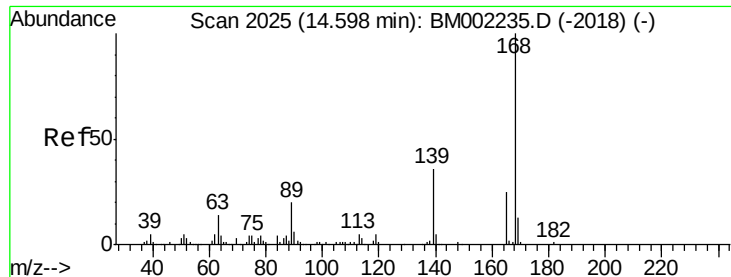


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzenofuran

Concen: 2.18 ng/ul

RT: 14.60 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

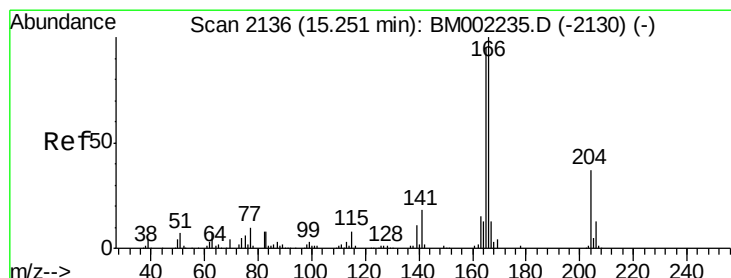
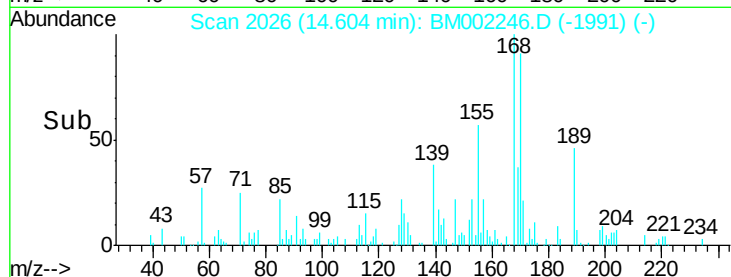
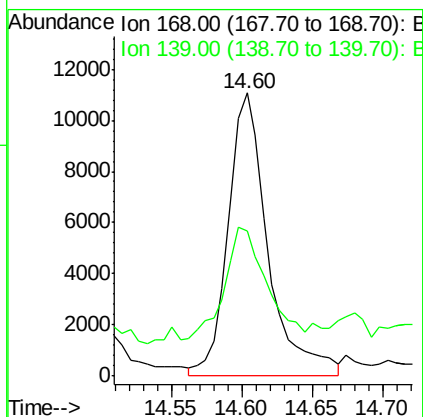
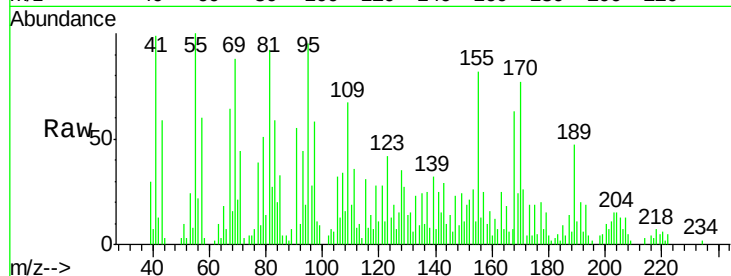
ClientSampleId :

Tot Ion:168 Resp: 21817

Ion Ratio Lower Upper

168 100

139 51.4 28.6 42.8#



#59

Fluorene

Concen: 5.28 ng/ul

RT: 15.26 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

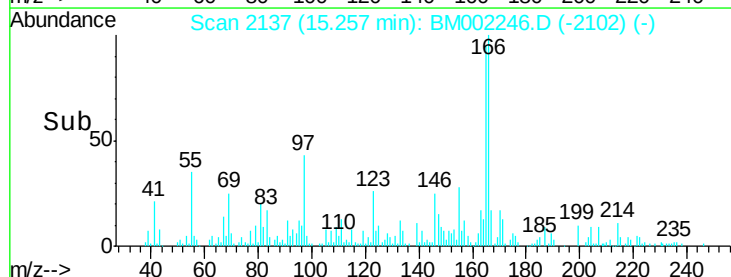
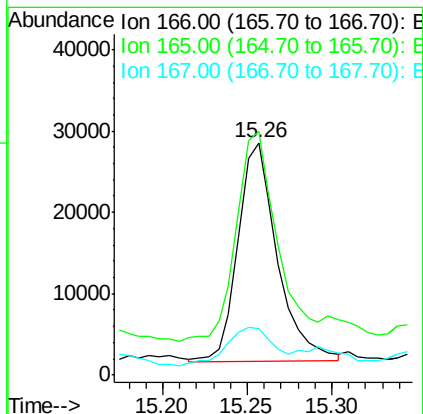
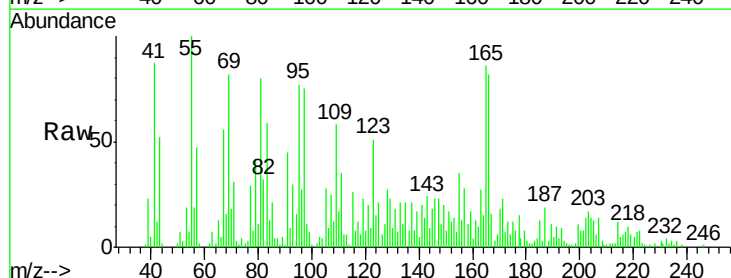
Tgt Ion:166 Resp: 43520

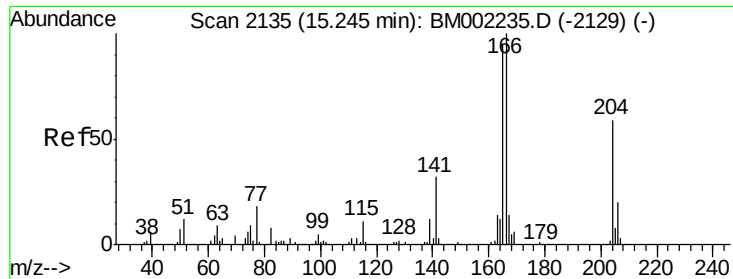
Ion Ratio Lower Upper

166 100

165 104.7 76.0 114.0

167 19.8 10.5 15.7#

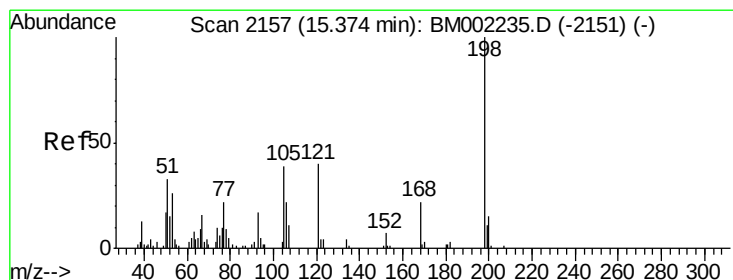
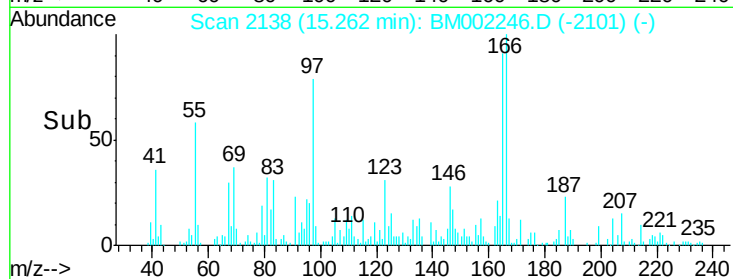
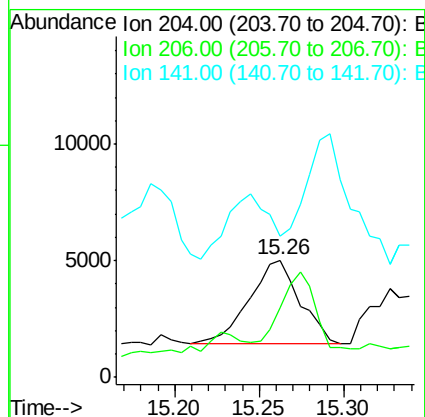
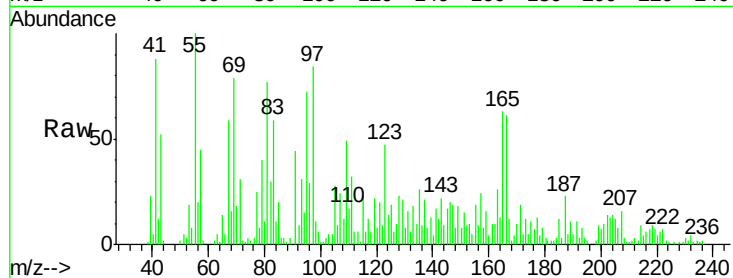




#60
4-Chlorophenyl-phenylether
Concen: 1.72 ng/ul
RT: 15.26 min Scan# 2138
Delta R.T. 0.02 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

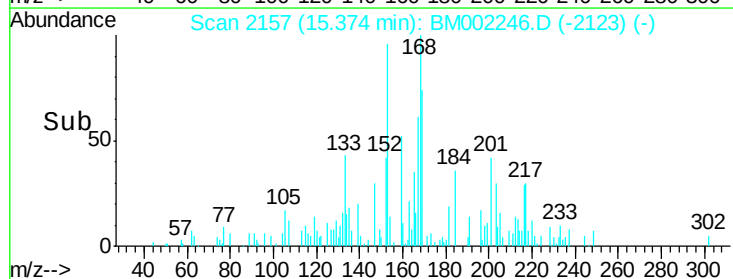
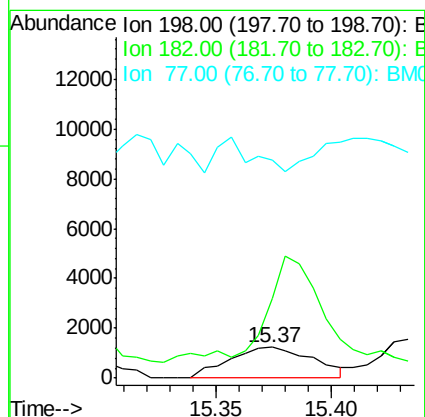
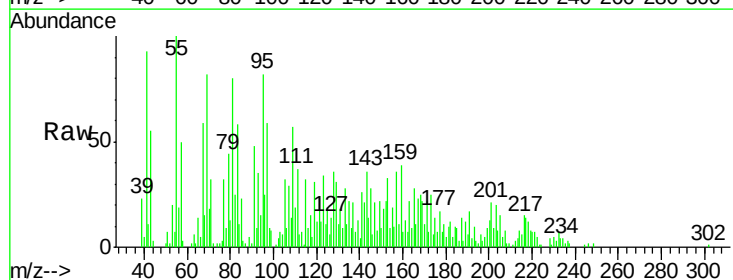
Instrument :
BNA_M
ClientSampleId :

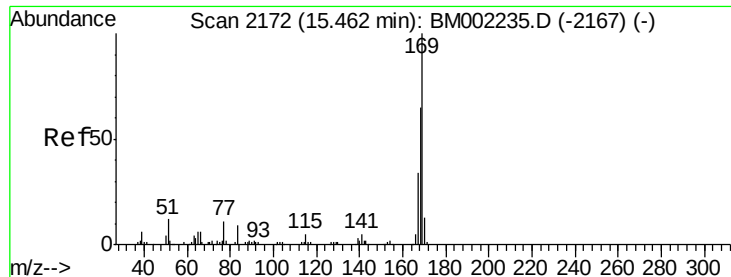
Tot Ion:204 Resp: 7555
Ion Ratio Lower Upper
204 100
206 59.0 25.8 38.8#
141 120.3 42.7 64.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 1.83 ng/ul
RT: 15.37 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

Tgt Ion:198 Resp: 3105
Ion Ratio Lower Upper
198 100
182 256.0 2.8 4.2#
77 703.8 17.6 26.4#





#65

N-Nitrosodiphenylamine

Concen: 3.36 ng/ul

RT: 15.47 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampleId :

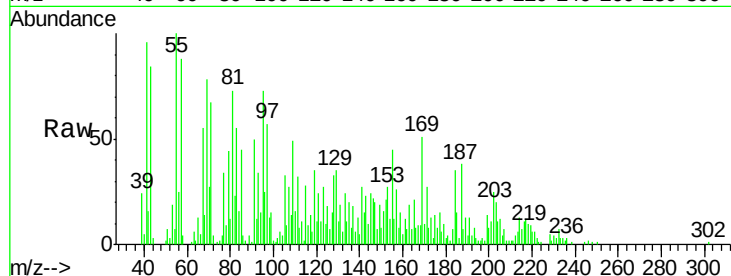
Tot Ion:169 Resp: 28816

Ion Ratio Lower Upper

169 100

168 18.5 51.6 77.4#

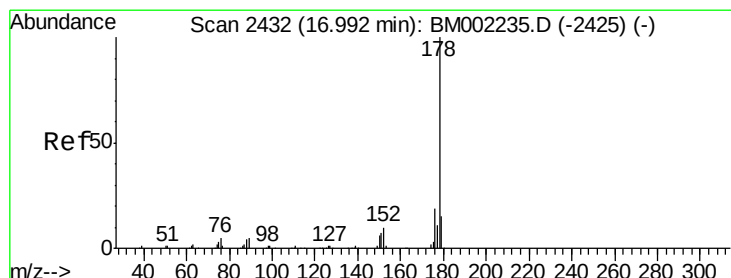
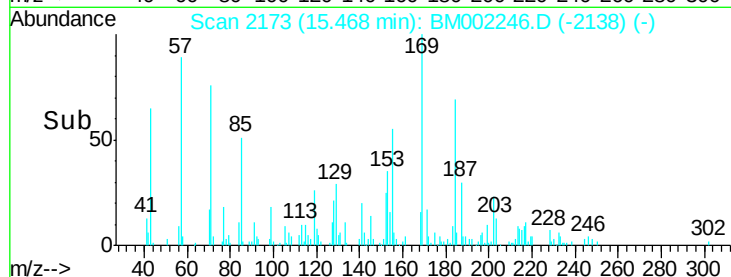
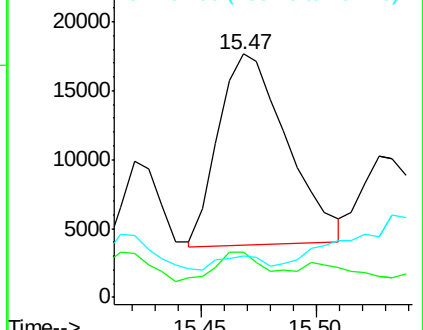
167 16.9 27.3 40.9#



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



#70

Phenanthrene

Concen: 31.21 ng/ul

RT: 17.00 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

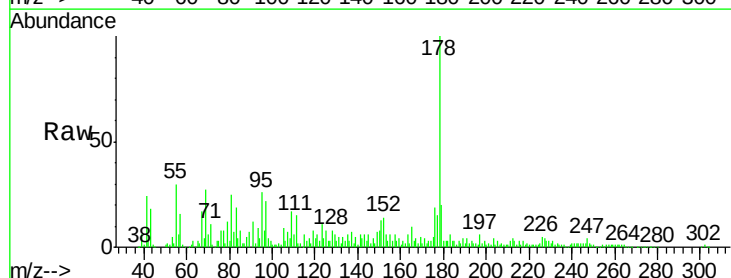
Tgt Ion:178 Resp: 462913

Ion Ratio Lower Upper

178 100

179 20.1 12.2 18.4#

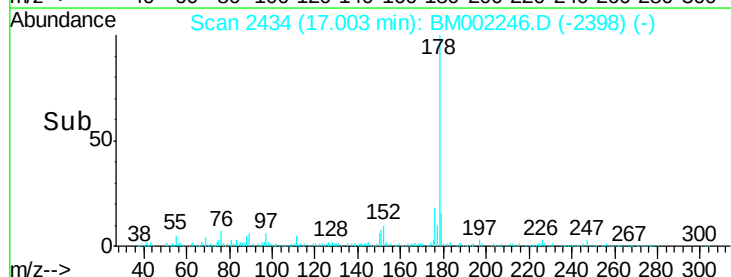
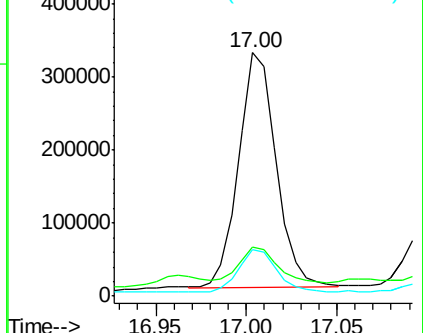
176 19.0 14.6 21.8

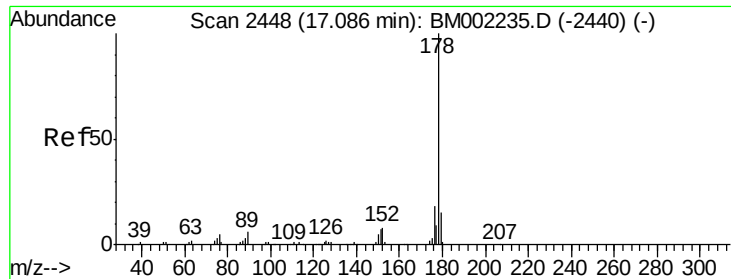


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 7.18 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampleId :

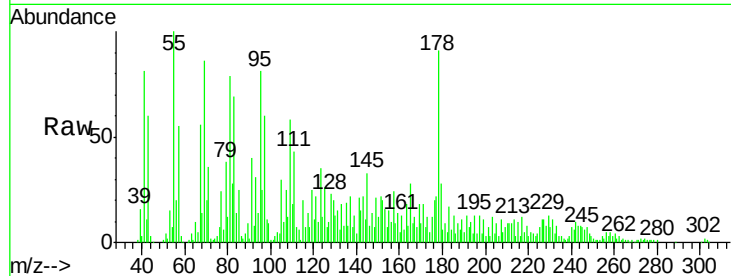
Tot Ion:178 Resp: 108894

Ion Ratio Lower Upper

178 100

179 30.7 12.2 18.2#

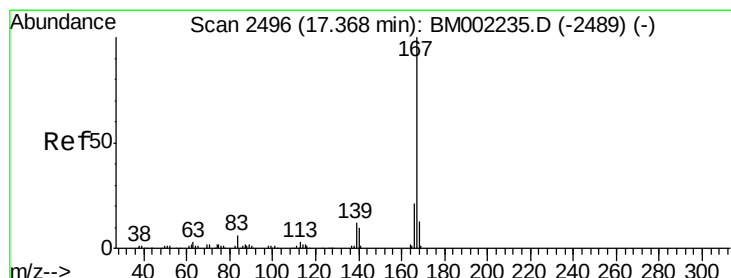
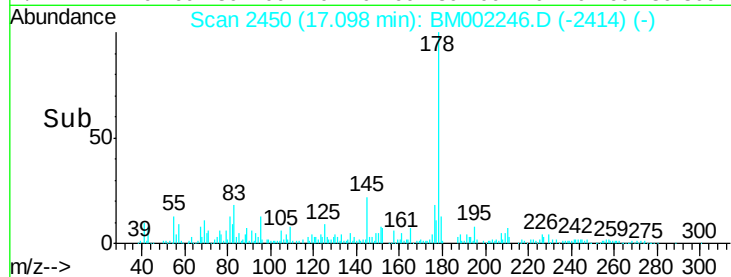
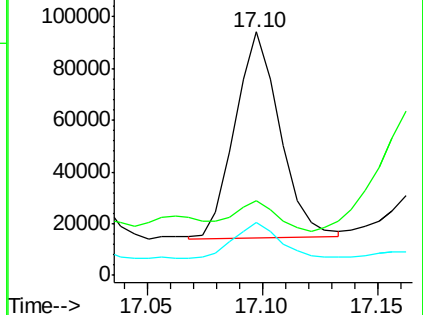
176 21.8 13.8 20.6#



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



#75

Carbazole

Concen: 3.00 ng/ul

RT: 17.39 min Scan# 2499

Delta R.T. 0.02 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

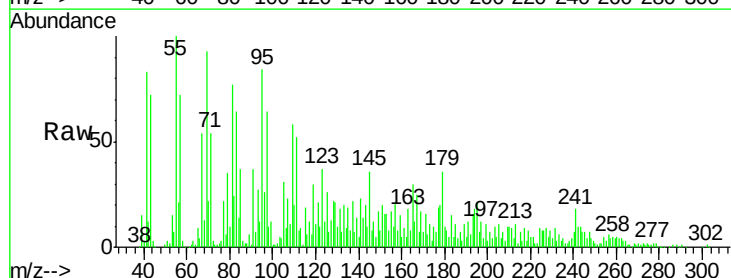
Tgt Ion:167 Resp: 37845

Ion Ratio Lower Upper

167 100

166 49.3 16.7 25.1#

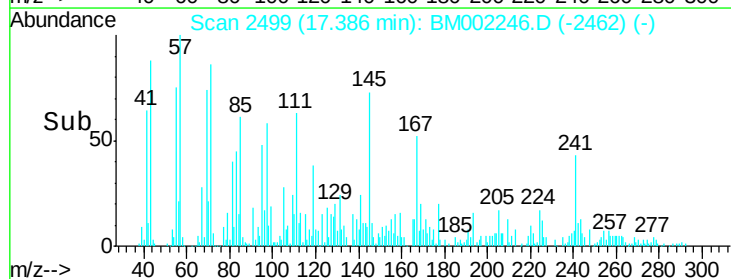
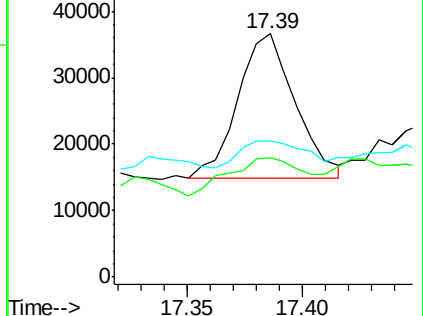
139 55.9 9.4 14.2#

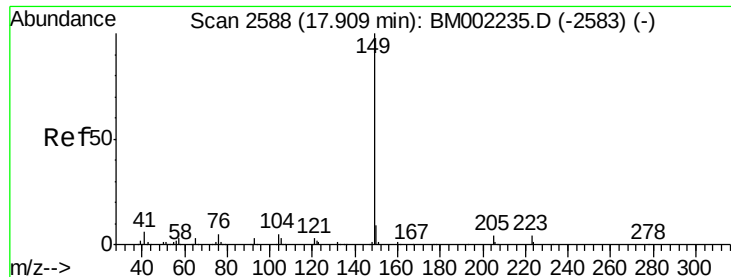


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

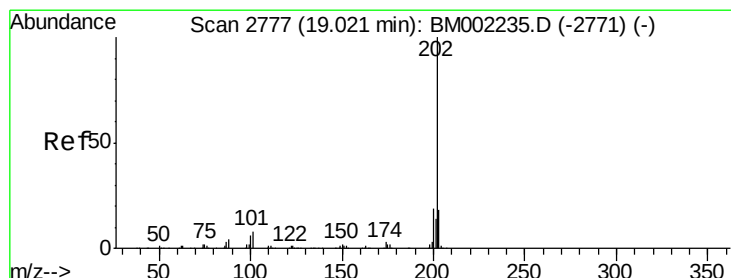
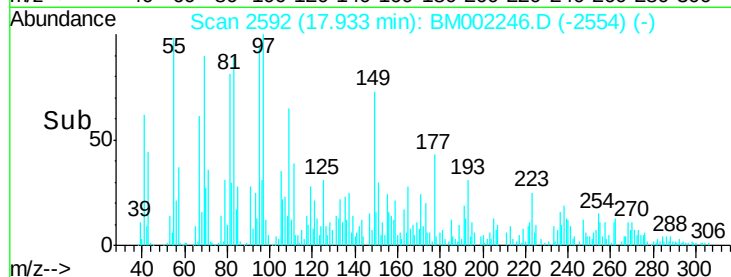
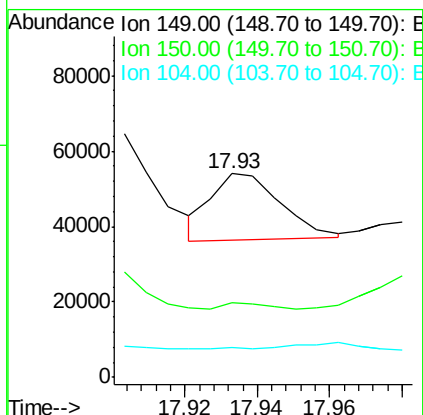
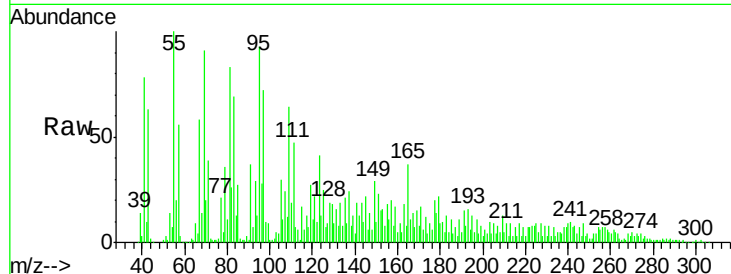




#76
Di-n-butylphthalate
Concen: 1.53 ng/ul
RT: 17.93 min Scan# 2592
Delta R.T. 0.02 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

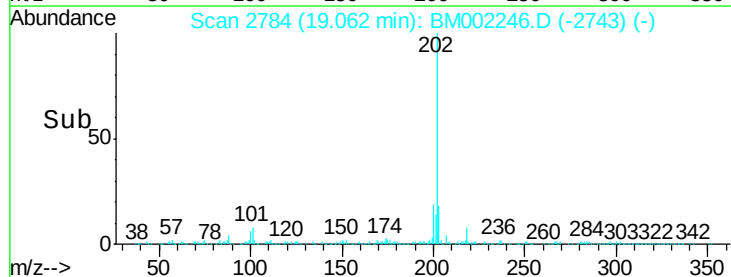
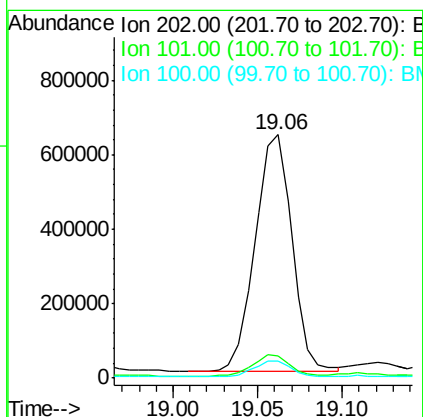
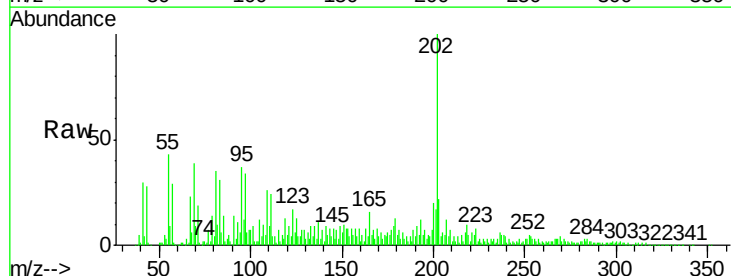
Instrument :
BNA_M
ClientSampleId :

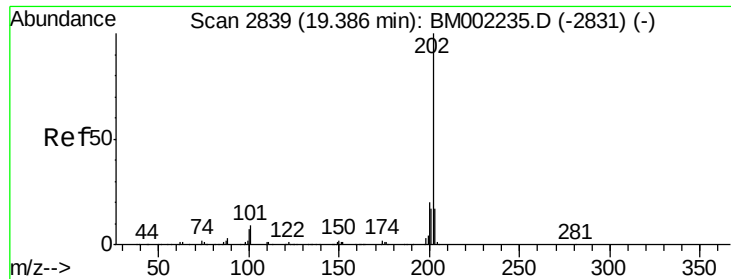
Tot Ion:149 Resp: 22860
Ion Ratio Lower Upper
149 100
150 36.5 7.0 10.4#
104 15.0 4.0 6.0#



#77
Fluoranthene
Concen: 59.37 ng/ul
RT: 19.06 min Scan# 2784
Delta R.T. 0.04 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

Tgt Ion:202 Resp: 963728
Ion Ratio Lower Upper
202 100
101 9.1 6.2 9.2
100 6.7 4.8 7.2

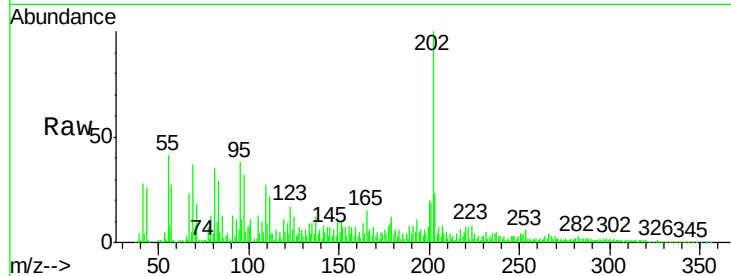




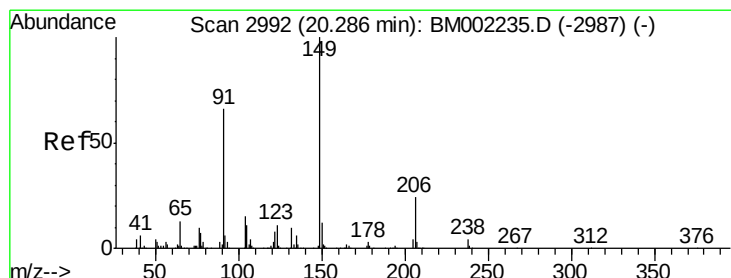
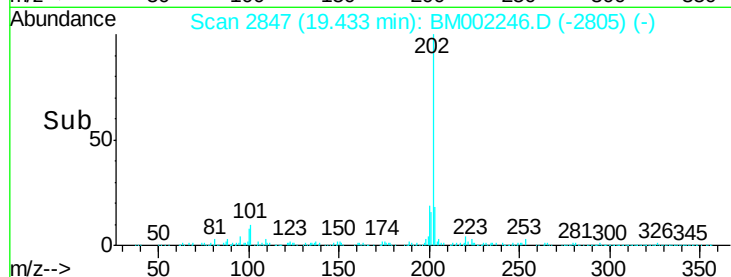
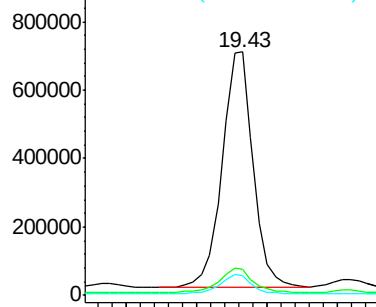
#80
Pvrene
Concen: 15179.24 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1071049
Ion Ratio Lower Upper
202 100
101 10.6 7.0 10.6
100 8.2 5.8 8.8

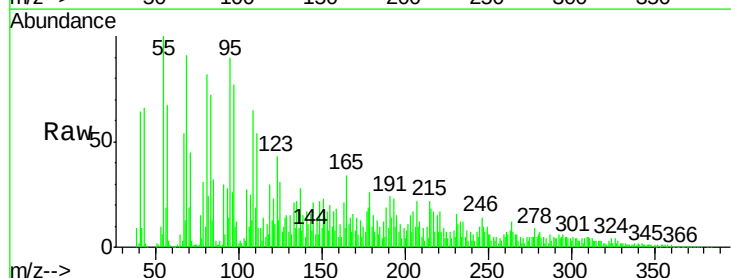


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

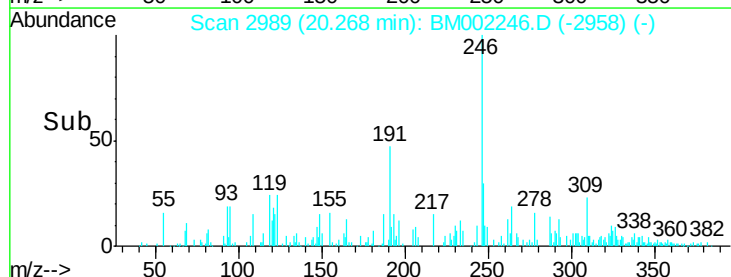
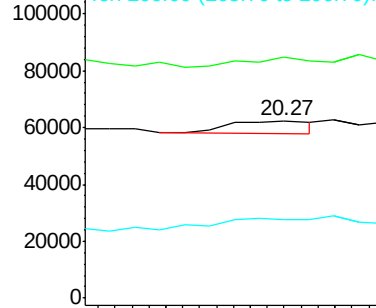


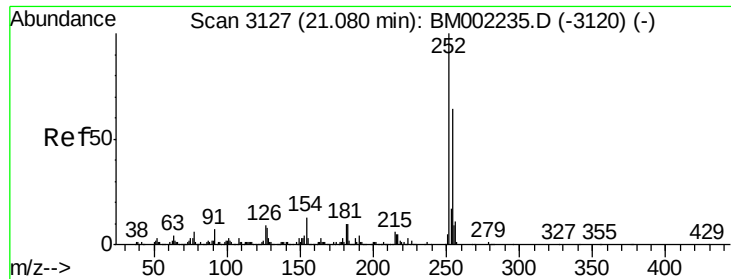
#81
Butylbenzylphthalate
Concen: 247.00 ng/ul
RT: 20.27 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BM002246.D
Acq: 05 Aug 2015 23:24

Tgt Ion:149 Resp: 6285
Ion Ratio Lower Upper
149 100
91 136.2 50.6 76.0#
206 44.5 19.8 29.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 26.62 ng/ul

RT: 21.07 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampled :

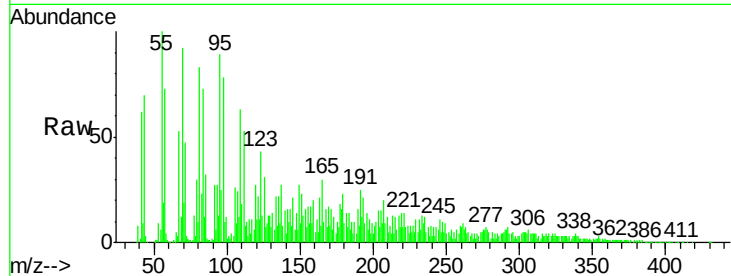
Tot Ion:252 Resp: 529

Ion Ratio Lower Upper

252 100

254 71.1 52.0 78.0

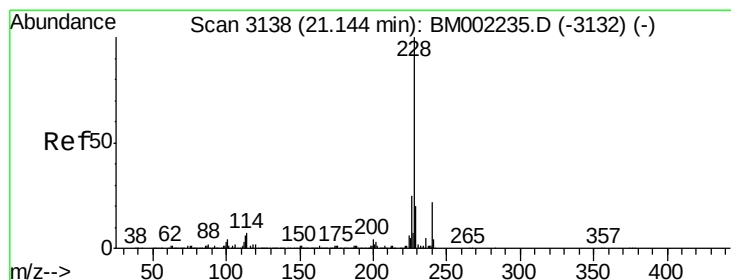
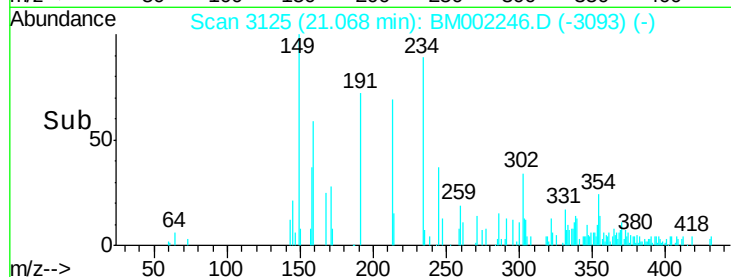
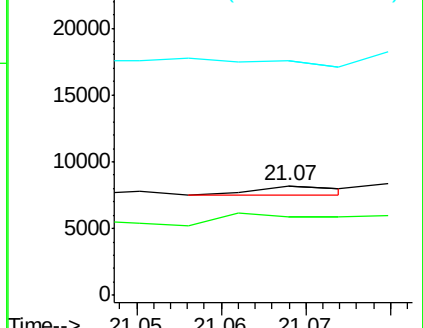
126 214.2 6.9 10.3#



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



#83

Benzo(a)anthracene

Concen: 97.83 ng/ul

RT: 21.12 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

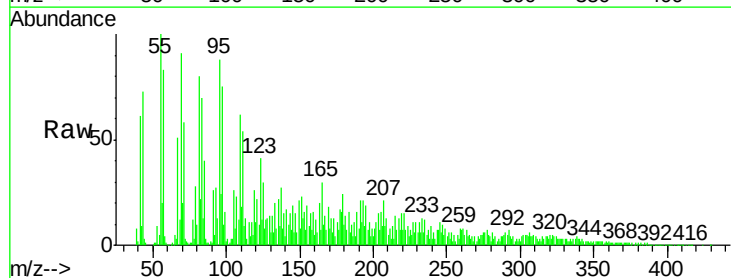
Tgt Ion:228 Resp: 6292

Ion Ratio Lower Upper

228 100

229 176.0 15.9 23.9#

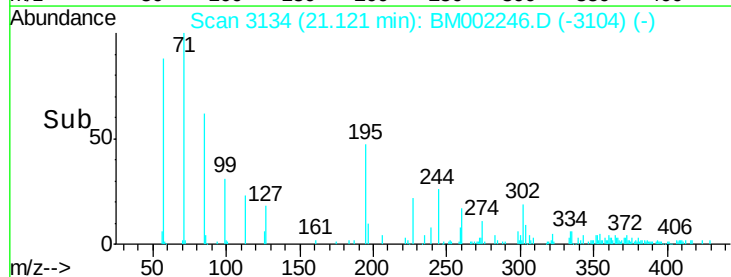
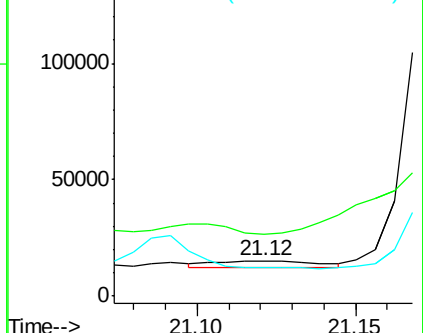
226 82.2 20.6 31.0#

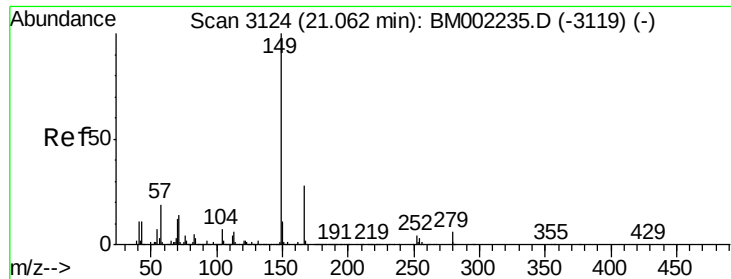


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 67.78 ng/ul

RT: 21.03 min Scan# 3119

Delta R.T. -0.03 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampleId :

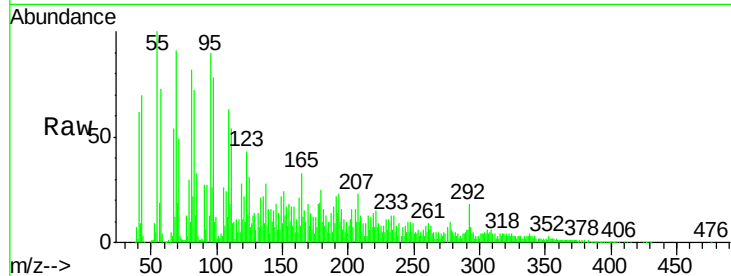
Tot Ion:149 Resp: 2453

Ion Ratio Lower Upper

149 100

167 69.2 23.0 34.4#

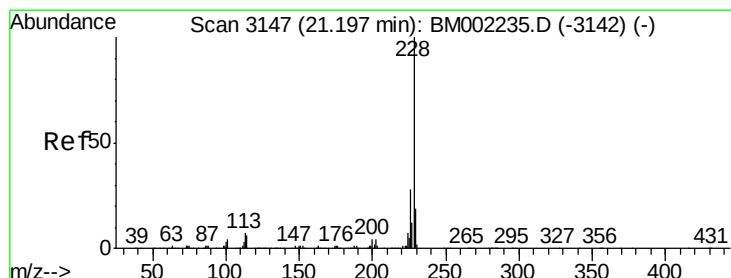
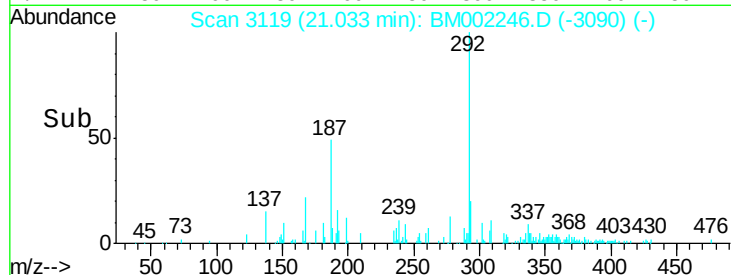
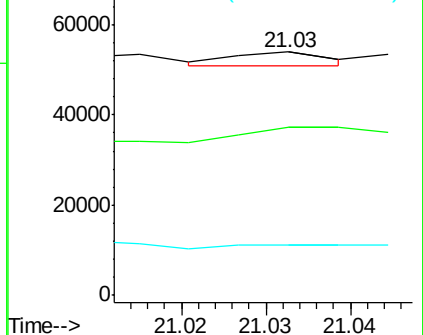
279 20.9 4.0 6.0#



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



#85

Chrysene

Concen: 6043.10 ng/ul

RT: 21.18 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

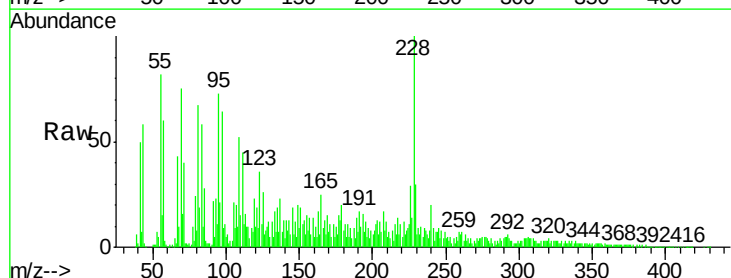
Tgt Ion:228 Resp: 357824

Ion Ratio Lower Upper

228 100

226 29.3 22.2 33.4

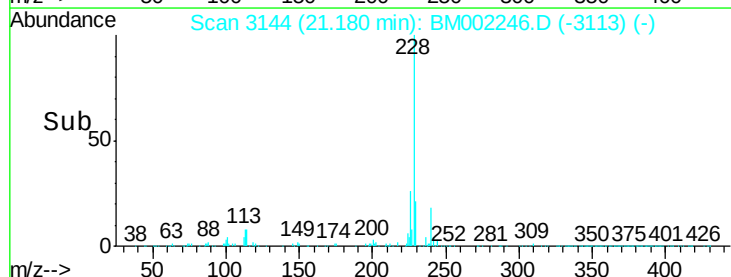
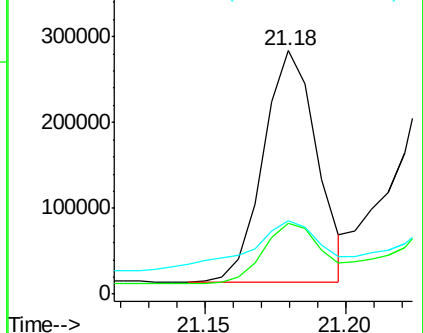
229 30.1 15.5 23.3#

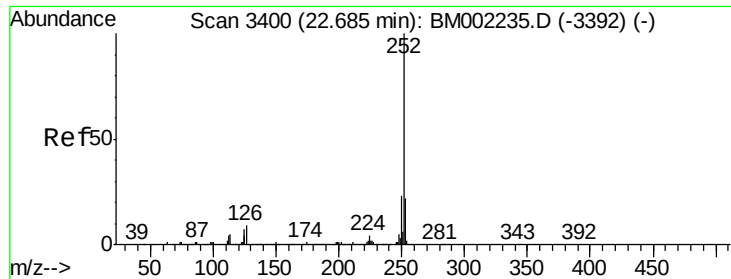


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 34.01 ng/ul

RT: 22.73 min Scan# 3408

Delta R.T. 0.05 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampleId :

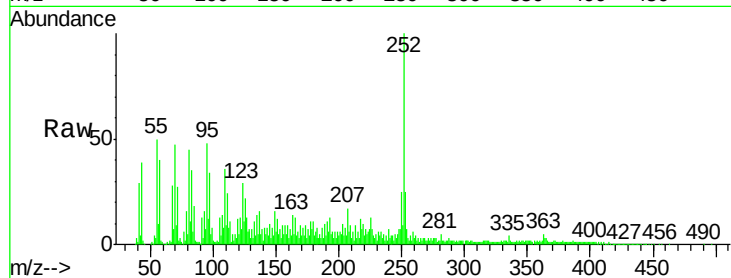
Tot Ion:252 Resp: 520999

Ion Ratio Lower Upper

252 100

253 25.4 17.4 26.0

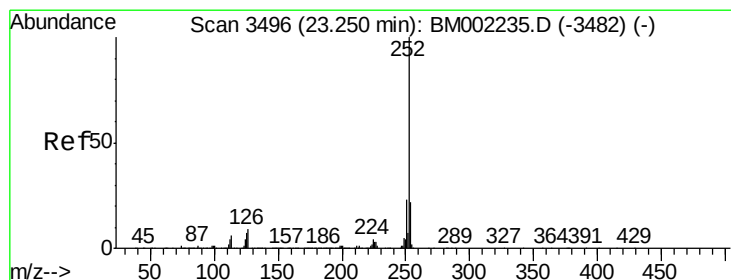
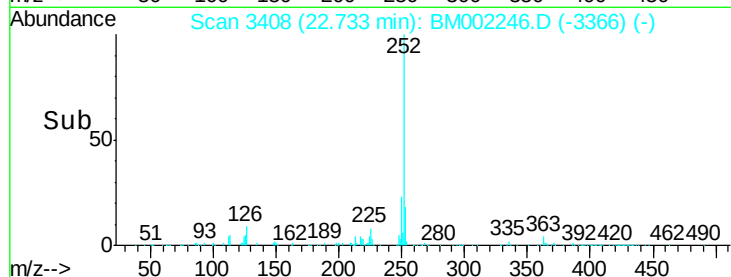
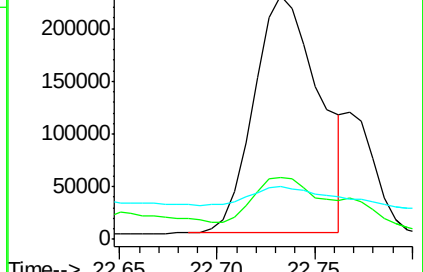
125 21.9 5.4 8.2#



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



#91

Benzo(a)pyrene

Concen: 20.90 ng/ul

RT: 23.29 min Scan# 3503

Delta R.T. 0.04 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

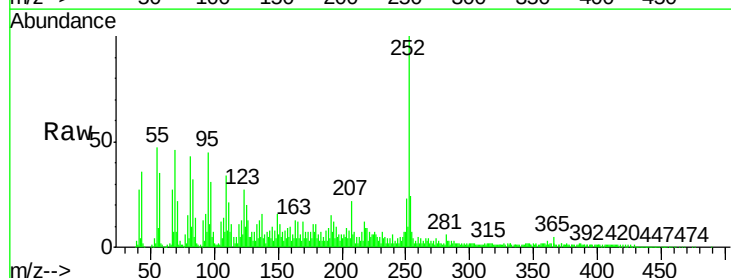
Tgt Ion:252 Resp: 305816

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

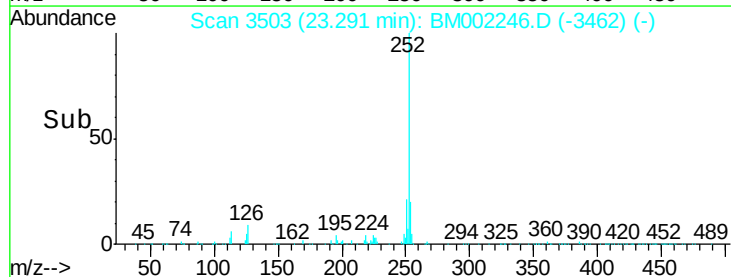
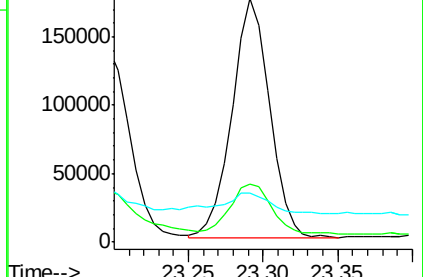
125 20.0 6.1 9.1#

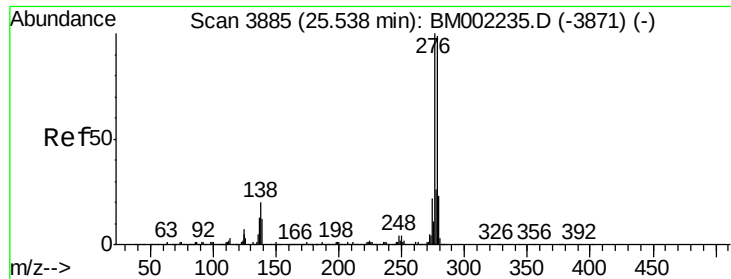


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 11.80 ng/ul

RT: 25.59 min Scan# 3893

Delta R.T. 0.05 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampleId :

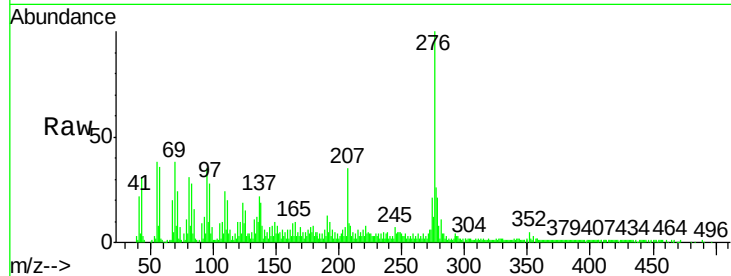
Tot Ion:276 Resp: 194521

Ion Ratio Lower Upper

276 100

138 18.7 15.4 23.0

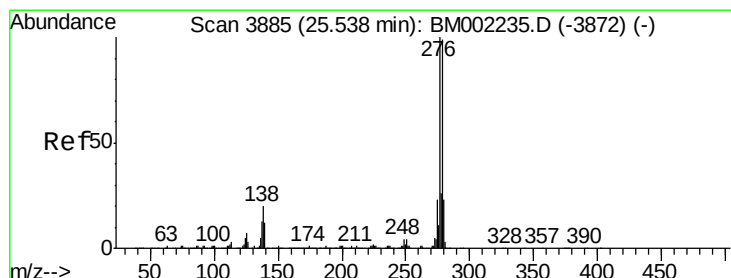
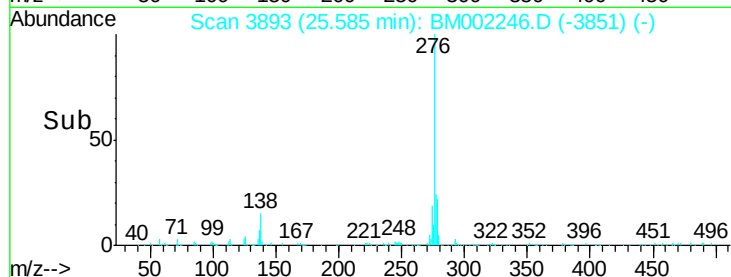
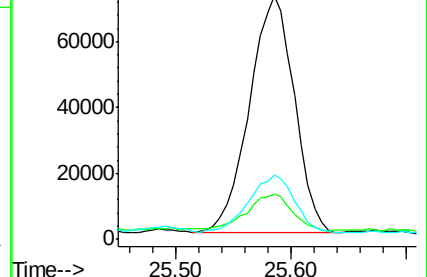
277 26.3 20.2 30.2



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



#93

Dibenzo(a,h)anthracene

Concen: 3.82 ng/ul

RT: 25.57 min Scan# 3891

Delta R.T. 0.04 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

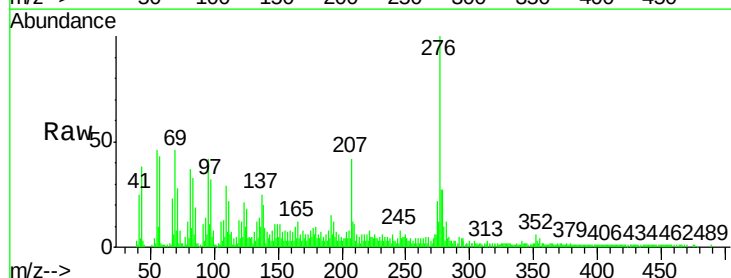
Tgt Ion:278 Resp: 53741

Ion Ratio Lower Upper

278 100

139 34.8 10.4 15.6#

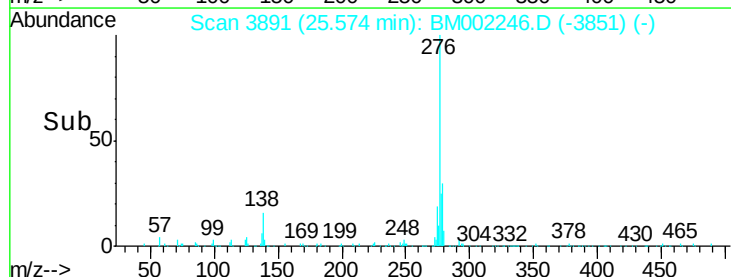
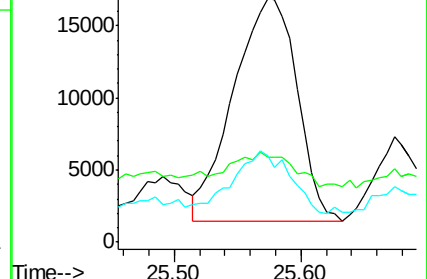
279 35.6 17.9 26.9#

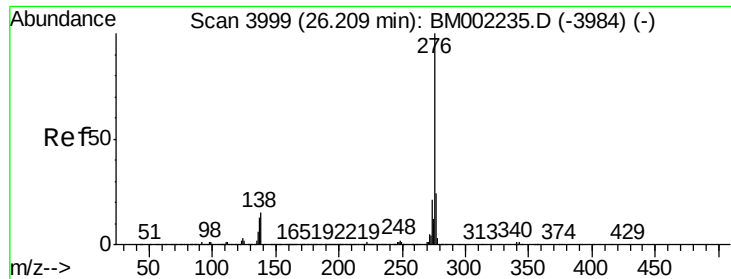


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 13.36 ng/ul

RT: 26.27 min Scan# 4009

Delta R.T. 0.06 min

Lab File: BM002246.D

Acq: 05 Aug 2015 23:24

Instrument :

BNA_M

ClientSampleId :

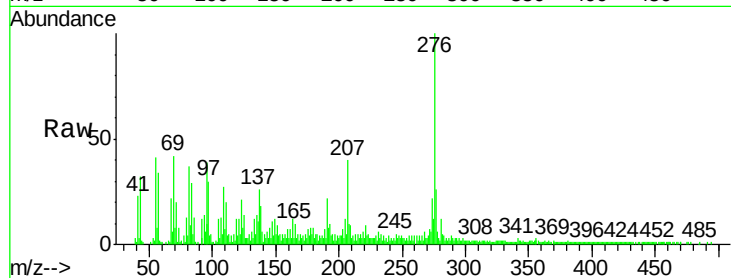
Tot Ion:276 Resp: 183473

Ion Ratio Lower Upper

276 100

138 18.1 12.5 18.7

277 26.0 19.4 29.0



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

