

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012623.D
 Acq On : 01 Nov 2017 03:44
 Operator : SJ/JU
 Sample : I5719-04RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 01 06:45:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 01 06:39:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	418706	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.57	136	421085	20.00	ng/ul	-0.06
35) Acenaphthene-d10	14.49	164	1189881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	2322565	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1965006	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2091539	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	35347	4.31	ng/uL	0.00
5) Phenol-d5	7.03	99	687436	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	5336516	257.00	ng/ul	0.04
9) 2-Chlorophenol-d4	7.41	132	589546	22.50	ng/ul	0.02
13) 4-Methylphenol-d8	8.50	113	8079572	270.27	ng/ul	-0.05
19) Nitrobenzene-d5	9.05	128	1395401	529.12	ng/ul	0.04
22) 2-Nitrophenol-d4	9.71	143	14879	5.48	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.31	165	658790	91.54	ng/ul	0.05
29) 4-Chloroaniline-d4	10.74	131	5430653	715.62	ng/ul	-0.04
43) Dimethylphthalate-d6	13.90	166	2178341	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2695437	21.92	ng/ul	0.01
51) 4-Nitrophenol-d4	14.70	143	168039	10.87	ng/ul	0.01
57) Fluorene-d10	15.48	176	1879141	21.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	89941	8.00	ng/ul	0.01
70) Anthracene-d10	17.33	188	2601744	23.51	ng/ul	0.00
76) Pyrene-d10	19.62	212	2437257	27.04	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.56	264	2298978	23.14	ng/ul	0.01

Target Compounds

						Ovalue
4) Benzaldehyde	6.98	77	113157	5.95	ng/ul#	1
6) Phenol	7.06	94	374886	10.29	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.29	93	426889	15.94	ng/ul#	1
14) Acetophenone	8.73	105	4748721	101.10	ng/ul#	48
15) N-Nitroso-di-n-propylamine	8.63	70	4604454	179.63	ng/ul#	55
16) 4-Methylphenol	8.67	108	47683	1.59	ng/ul	83
17) Hexachloroethane	8.88	117	355002	31.25	ng/ul#	1
20) Nitrobenzene	8.93	77	384031	50.55	ng/ul#	1
21) Isophorone	9.53	82	930668	57.89	ng/ul#	1
23) 2-Nitrophenol	9.67	139	104831	34.73	ng/ul#	1
24) 2,4-Dimethylphenol	9.73	107	55404	6.52	ng/ul#	59
25) Bis(2-Chloroethoxy)methane	9.99	93	79998	8.85	ng/ul#	1
27) 2,4-Dichlorophenol	10.26	162	28438	4.05	ng/ul#	1
28) Naphthalene	10.61	128	722434	34.60	ng/ul#	1
30) 4-Chloroaniline	10.85	127	14625	1.91	ng/ul	99
32) Caprolactam	11.49	113	130161	57.24	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.82	107	11327	1.44	ng/ul#	1
34) 2-Methylnaphthalene	12.32	142	7659154	451.73	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	548440	5.78	ng/ul	98
42) 2-Nitroaniline	13.55	65	89473	5.17	ng/ul#	35
44) Dimethylphthalate	13.94	163	1107242	10.77	ng/ul#	98
45) 2,6-Dinitrotoluene	14.04	165	20905	1.28	ng/ul#	1
47) Acenaphthylene	14.22	152	184843	1.58	ng/ul#	1

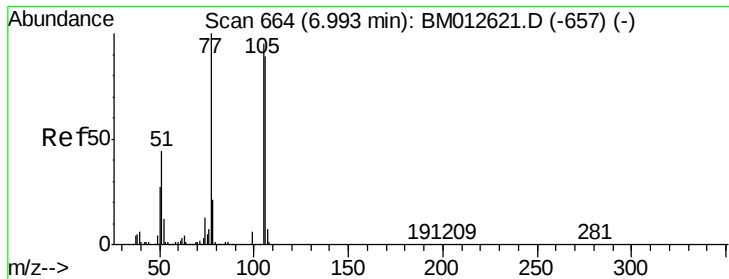
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 3-Nitroaniline	14.40	138	18999	1.24	ng/ul#	33
49) Acenaphthene	14.55	153	662557	8.24	ng/ul	95
52) 4-Nitrophenol	14.71	109	21150	1.35	ng/ul#	18
53) Dibenzofuran	14.89	168	241499	2.03	ng/ul#	1
54) 2,4-Dinitrotoluene	14.84	165	26116	1.07	ng/ul#	6
58) Fluorene	15.53	166	638451	6.35	ng/ul#	81
64) N-Nitrosodiphenylamine	15.74	169	1143816	16.95	ng/ul#	54
69) Phenanthrene	17.27	178	3094894	24.64	ng/ul	97
71) Anthracene	17.36	178	320539	2.47	ng/ul#	83
74) Fluoranthene	19.29	202	674154	4.74	ng/ul#	87
77) Pyrene	19.64	202	1337421	11.97	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	379694	3.23	ng/ul#	56
81) Bis(2-ethylhexyl)phthalate	21.32	149	993258	14.83	ng/ul	97
82) Chrysene	21.44	228	618607	5.91	ng/ul#	68
85) Benzo(b)fluoranthene	23.01	252	368543	2.85	ng/ul#	62
88) Benzo(a)pyrene	23.60	252	325101	2.64	ng/ul#	70
89) Indeno(1,2,3-cd)pyrene	26.04	276	187567	1.29	ng/ul#	73
91) Benzo(g,h,i)perylene	26.76	276	249498	2.12	ng/ul#	78

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



#4

Benzaldehyde

Concen: 5.95 ng/ul

RT: 6.98 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

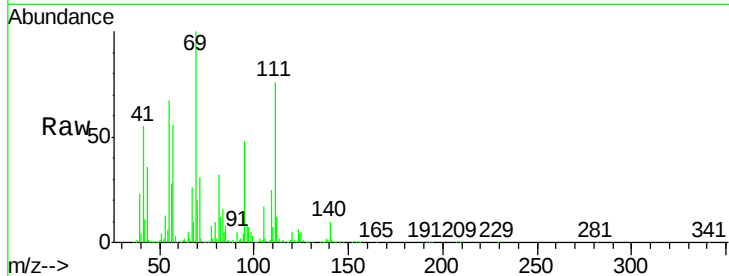
Tot Ion: 77 Resp: 113157

Ion Ratio Lower Upper

77 100

105 208.2 66.1 99.1#

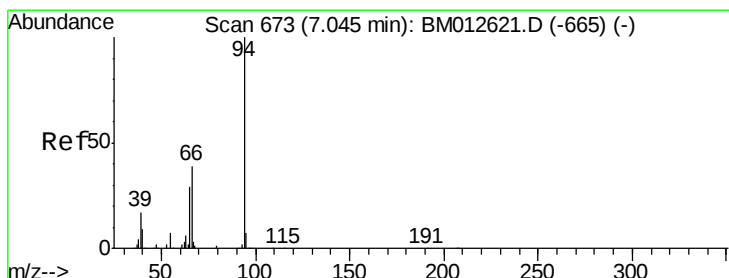
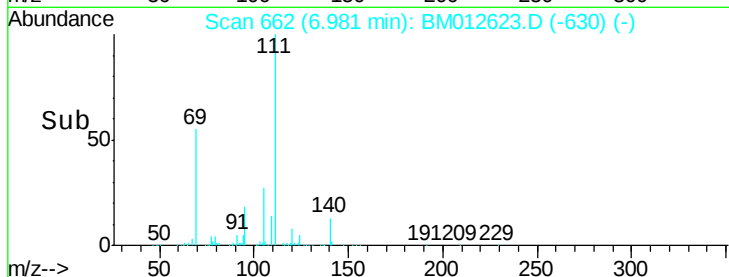
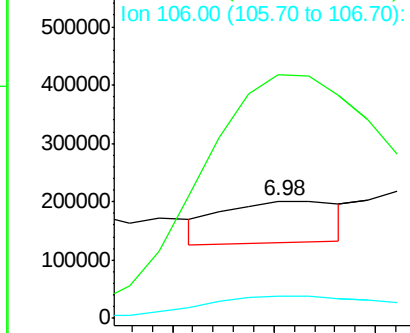
106 18.9 67.8 101.6#



Abundance Ion 77.00 (76.70 to 77.70): BM012623.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM012623.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM012623.D (-630) (-)



#6

Phenol

Concen: 10.29 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

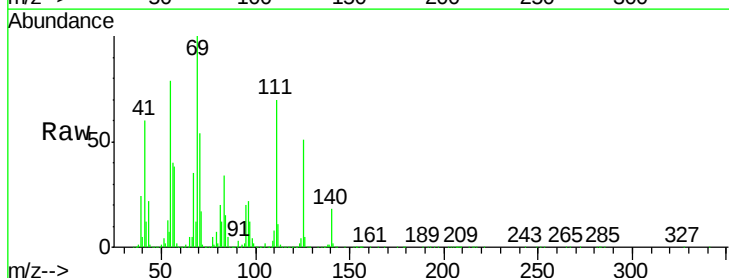
Tgt Ion: 94 Resp: 374886

Ion Ratio Lower Upper

94 100

65 229.8 28.2 42.4#

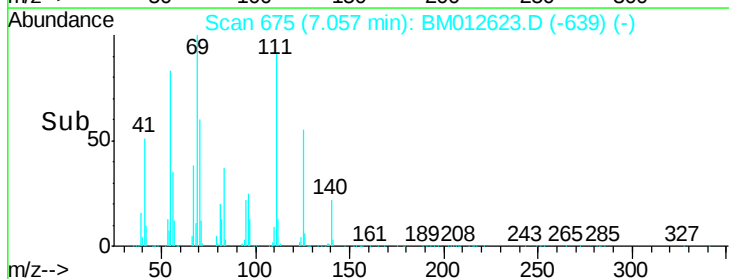
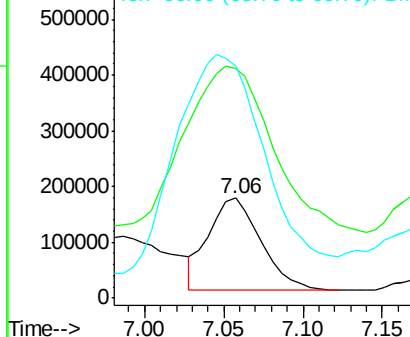
66 231.3 47.2 70.8#

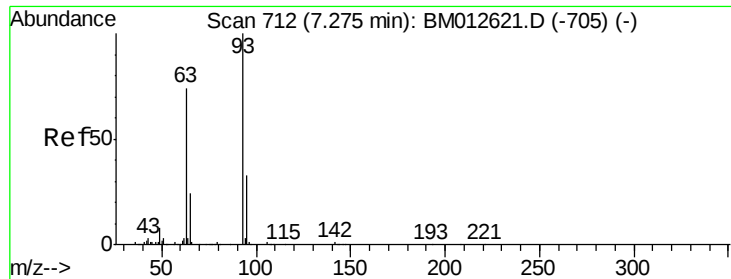


Abundance Ion 94.00 (93.70 to 94.70): BM012623.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM012623.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM012623.D (-639) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 15.94 ng/ul

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

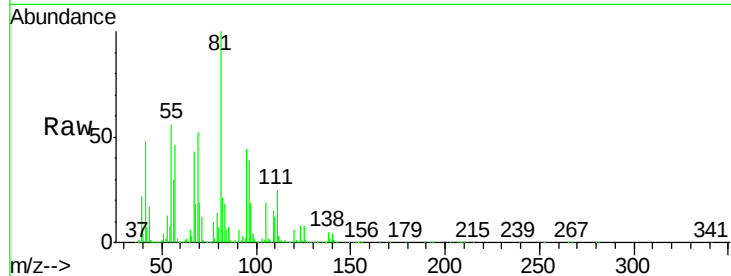
Tot Ion: 93 Resp: 426889

Ion Ratio Lower Upper

93 100

63 67.7 57.3 85.9

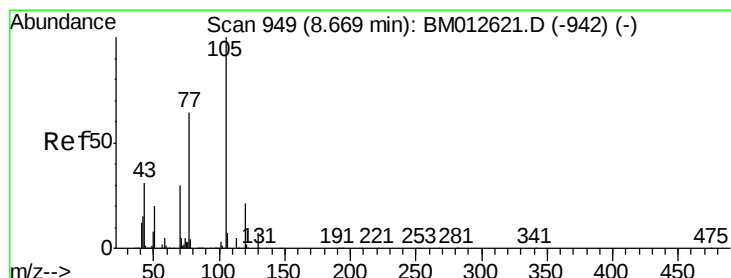
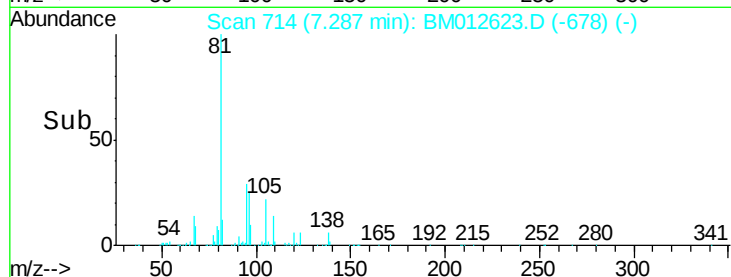
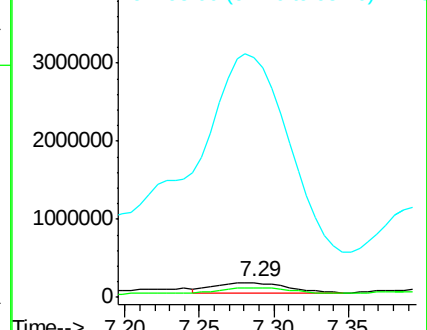
95 1647.7 26.6 39.8#



Abundance Ion 93.00 (92.70 to 93.70): BM012623.D (-705) (-)

Ion 63.00 (62.70 to 63.70): BM012623.D (-705) (-)

Ion 95.00 (94.70 to 95.70): BM012623.D (-705) (-)



#14

Acetophenone

Concen: 101.10 ng/ul

RT: 8.73 min Scan# 960

Delta R.T. 0.06 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

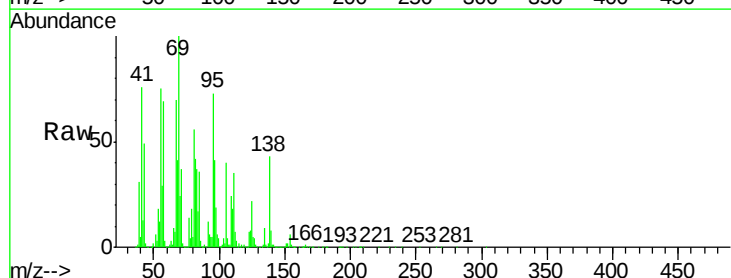
Tgt Ion:105 Resp: 4748721

Ion Ratio Lower Upper

105 100

77 35.3 74.2 111.4#

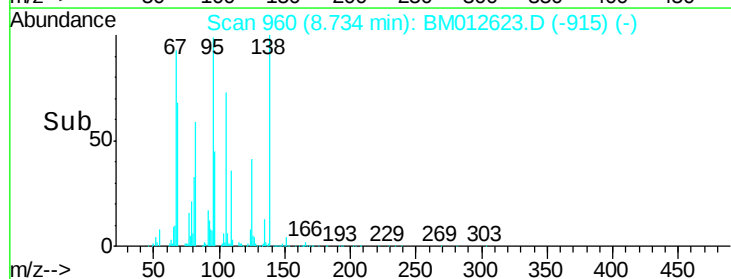
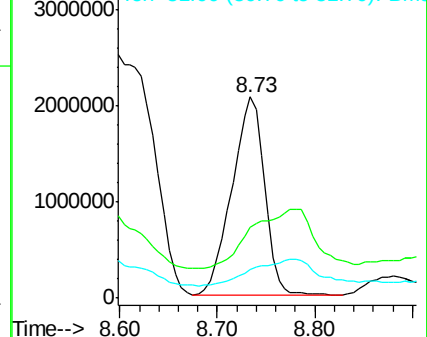
51 14.3 23.4 35.2#

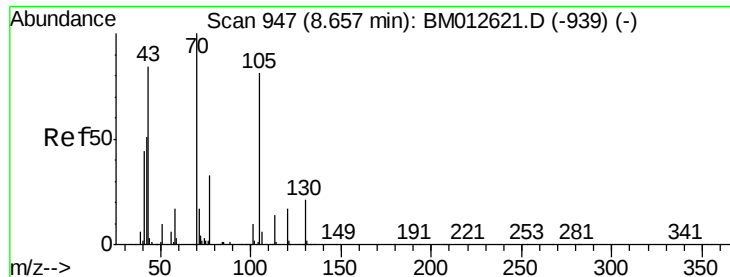


Abundance Ion 105.00 (104.70 to 105.70): BM012623.D (-915) (-)

Ion 77.00 (76.70 to 77.70): BM012623.D (-915) (-)

Ion 51.00 (50.70 to 51.70): BM012623.D (-915) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 179.63 ng/ul

RT: 8.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 4604454

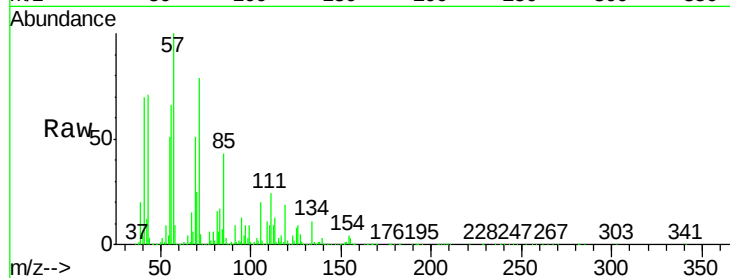
Ion Ratio Lower Upper

70 100

42 48.7 76.0 114.0#

101 0.5 6.7 10.1#

130 0.1 14.6 22.0#

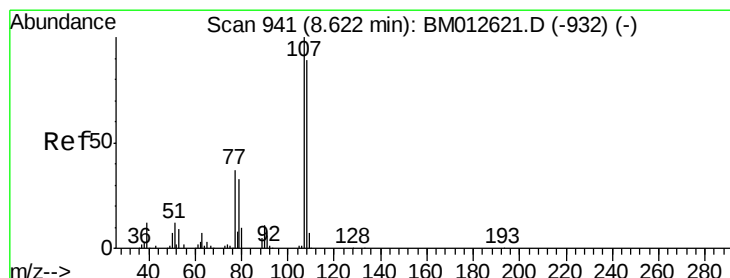
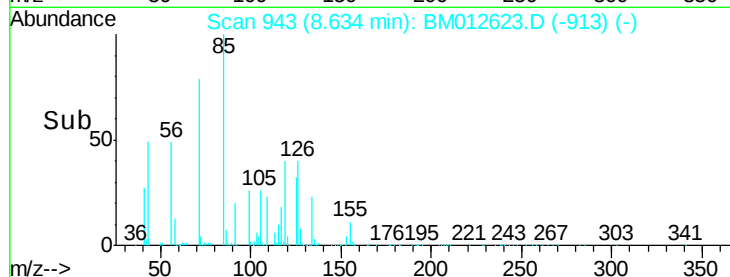
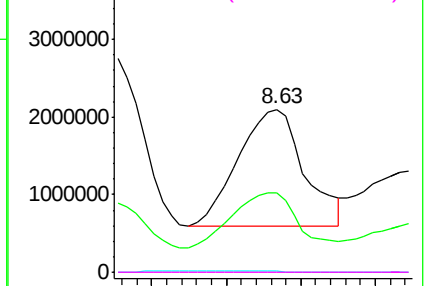


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 1.59 ng/ul

RT: 8.67 min Scan# 950

Delta R.T. 0.05 min

Lab File: BM012623.D

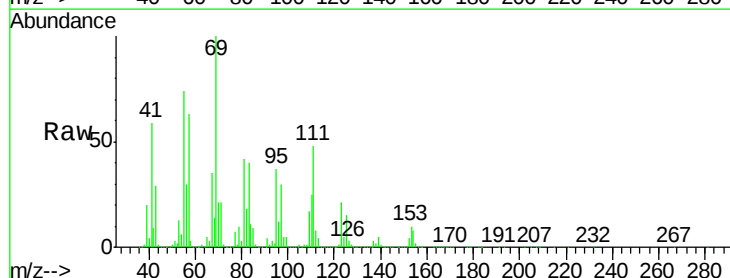
Acq: 01 Nov 2017 03:44

Tgt Ion: 108 Resp: 47683

Ion Ratio Lower Upper

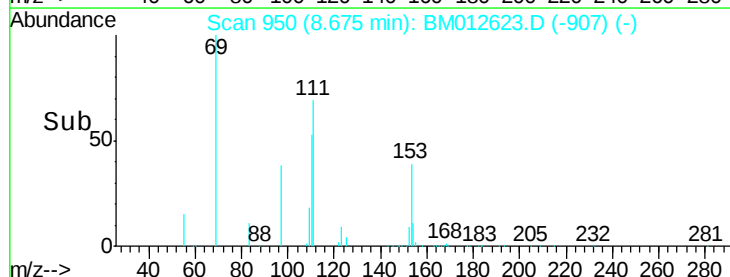
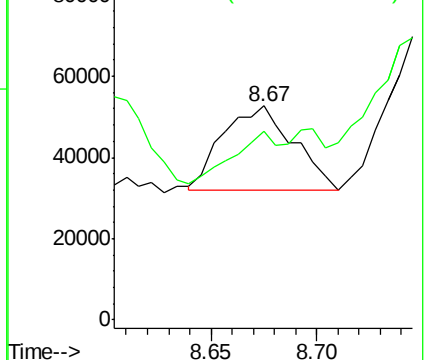
108 100

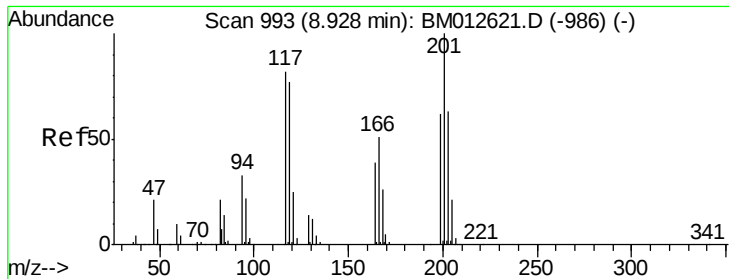
107 88.3 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 31.25 ng/ul

RT: 8.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

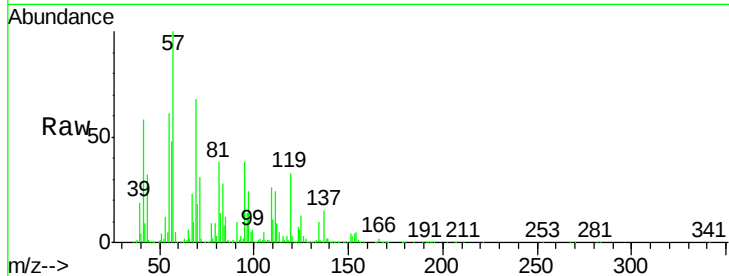
Tot Ion:117 Resp: 355002

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

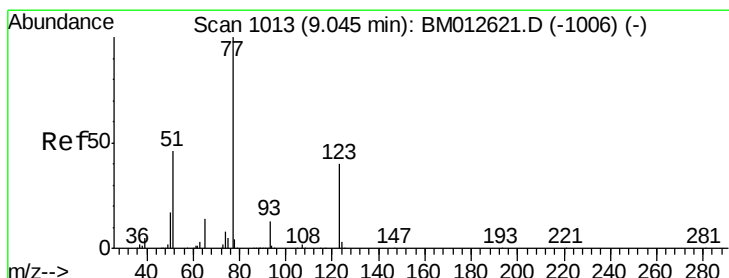
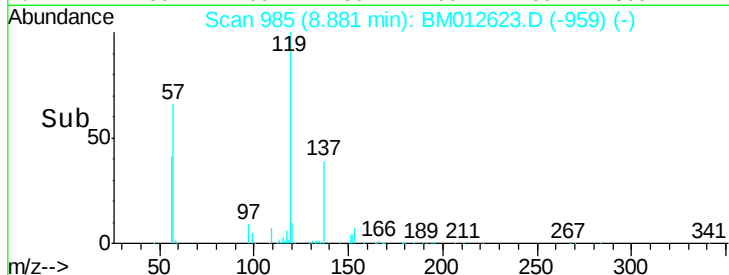
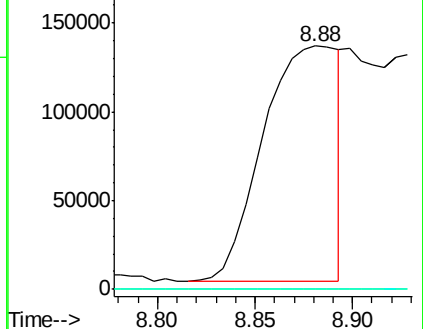
199 0.0 67.8 101.6#



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



#20

Nitrobenzene

Concen: 50.55 ng/ul

RT: 8.93 min Scan# 994

Delta R.T. -0.11 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

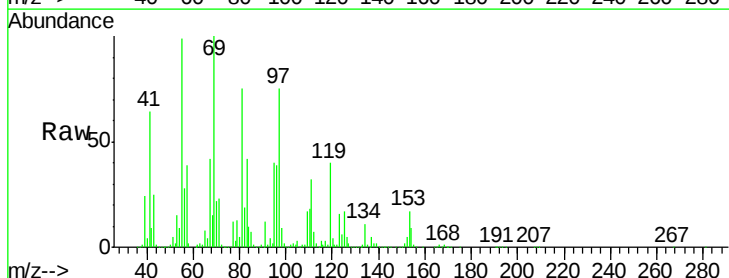
Tgt Ion: 77 Resp: 384031

Ion Ratio Lower Upper

77 100

123 134.4 31.0 46.6#

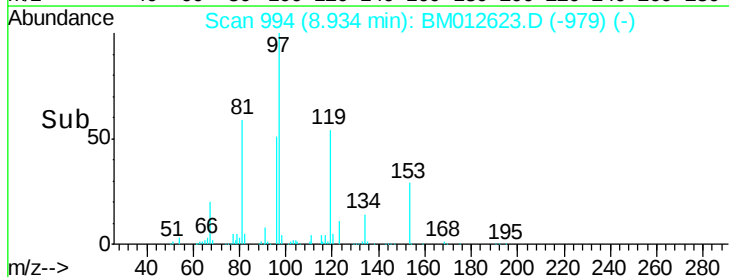
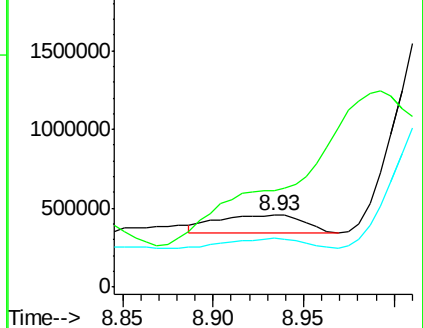
65 67.7 12.2 18.2#

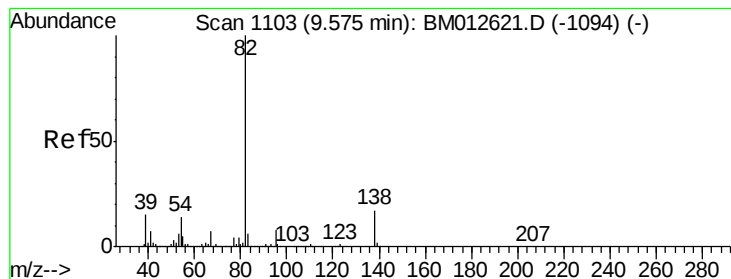


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 57.89 ng/ul

RT: 9.53 min Scan# 1096

Delta R.T. -0.04 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampled :

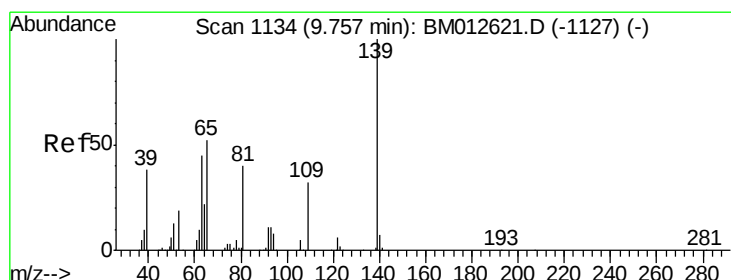
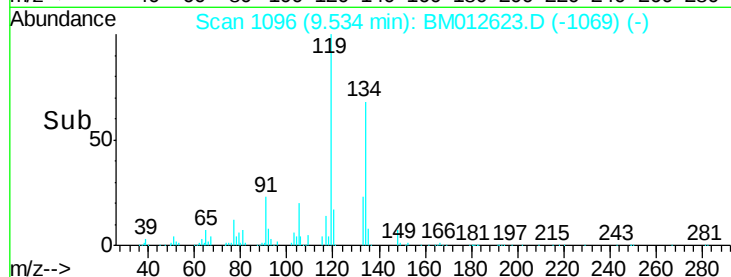
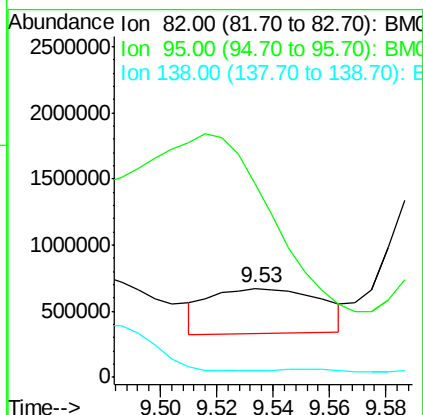
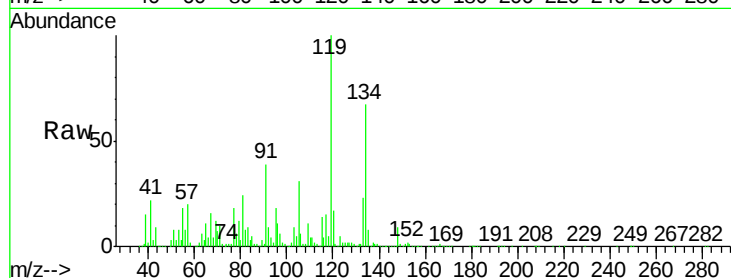
Tot Ion: 82 Resp: 930668

Ion Ratio Lower Upper

82 100

95 219.0 7.8 11.8#

138 7.8 11.9 17.9#



#23

2-Nitrophenol

Concen: 34.73 ng/ul

RT: 9.67 min Scan# 1120

Delta R.T. -0.08 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

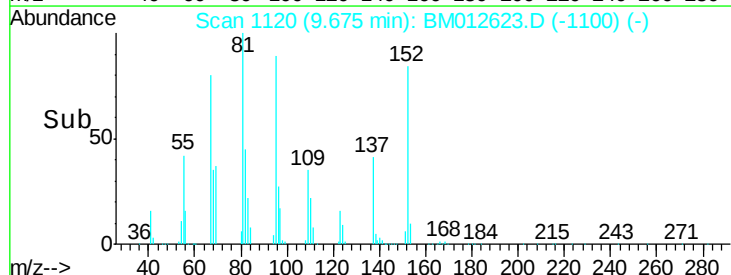
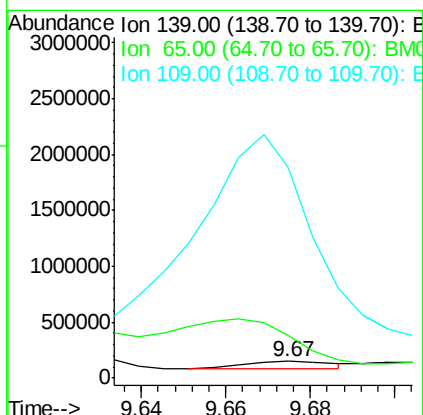
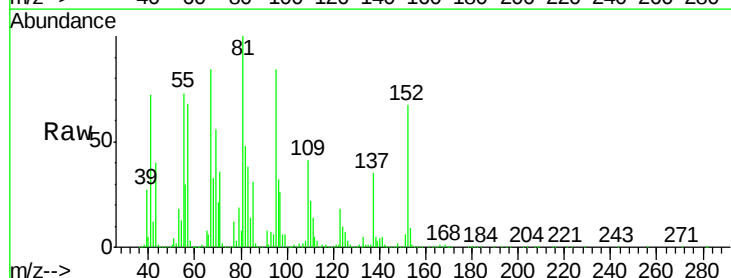
Tgt Ion: 139 Resp: 104831

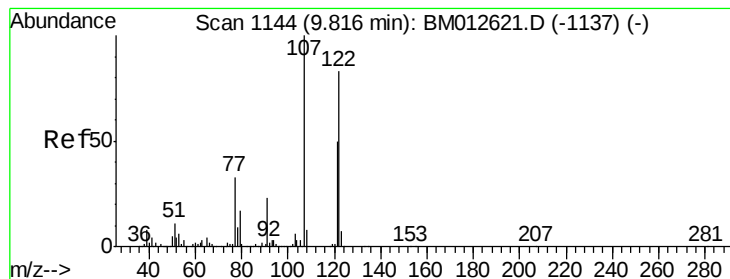
Ion Ratio Lower Upper

139 100

65 258.0 55.4 83.0#

109 1259.1 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 6.52 ng/ul

RT: 9.73 min Scan# 1130

Delta R.T. -0.08 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

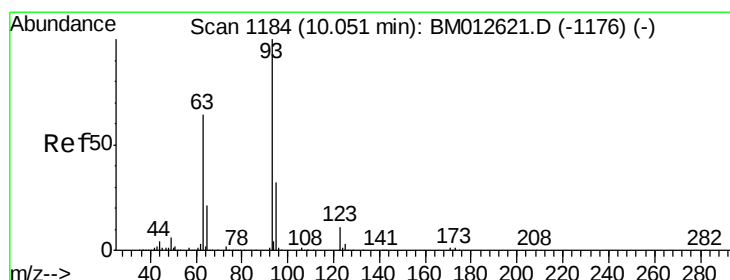
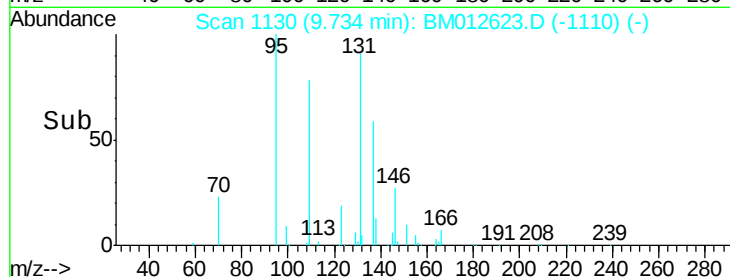
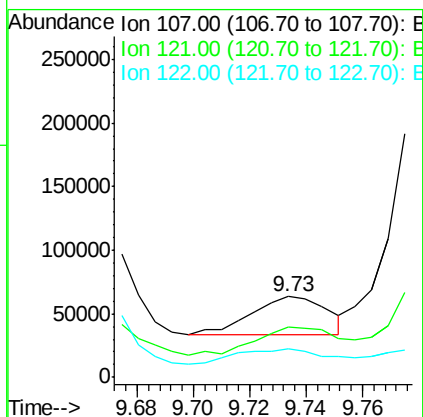
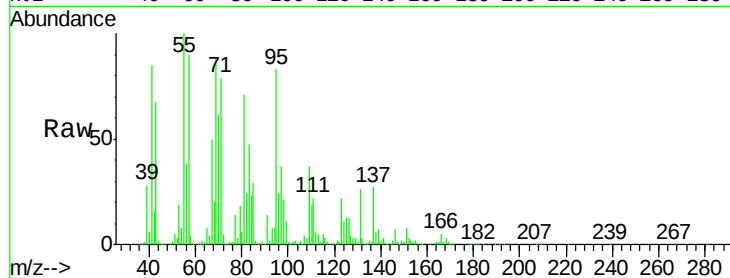
Tot Ion:107 Resp: 55404

Ion Ratio Lower Upper

107 100

121 61.5 31.9 47.9#

122 34.9 57.8 86.6#



#25

Bis(2-Chloroethoxy)methane

Concen: 8.85 ng/ul

RT: 9.99 min Scan# 1174

Delta R.T. -0.06 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

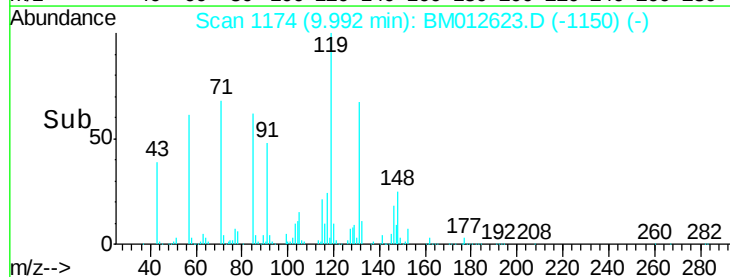
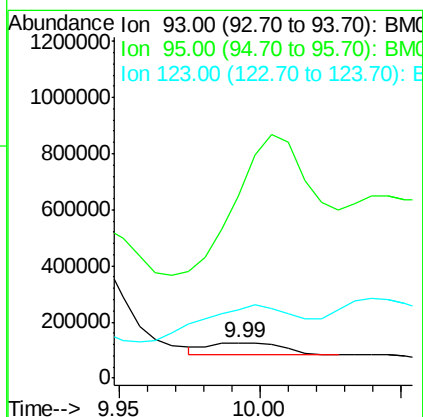
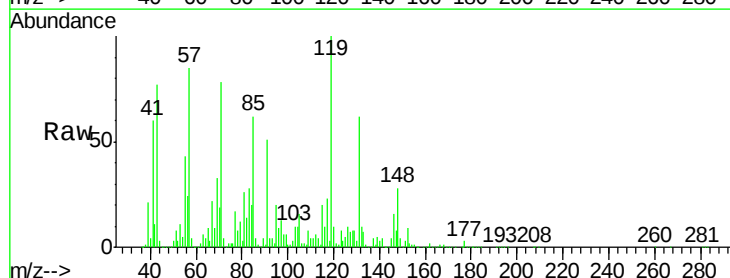
Tgt Ion: 93 Resp: 79998

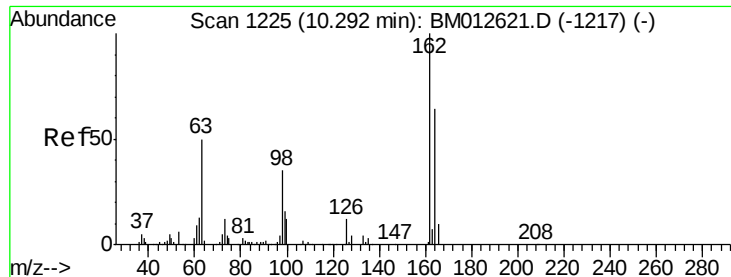
Ion Ratio Lower Upper

93 100

95 515.6 28.5 42.7#

123 193.7 8.9 13.3#

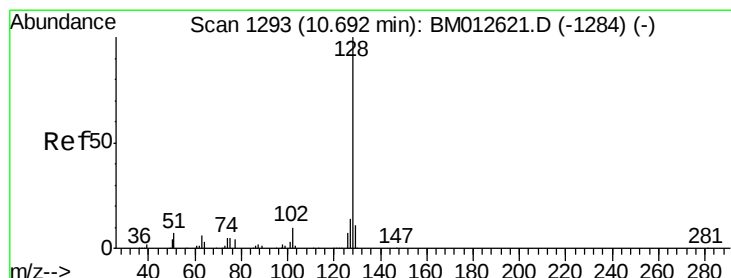
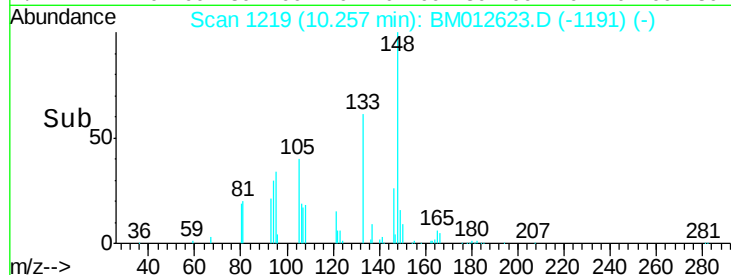
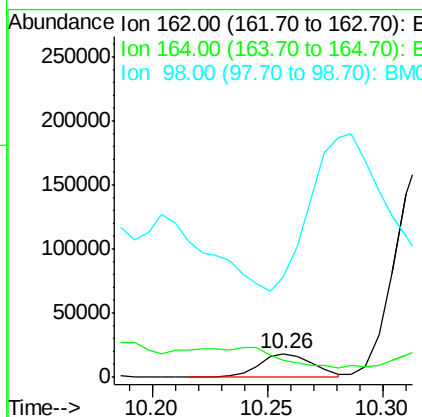
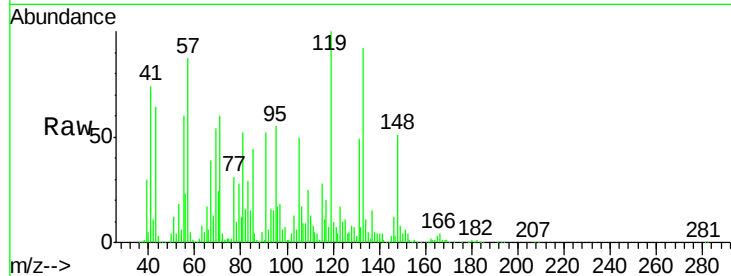




#27
2,4-Dichlorophenol
Concen: 4.05 ng/ul
RT: 10.26 min Scan# 1219
Delta R.T. -0.04 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

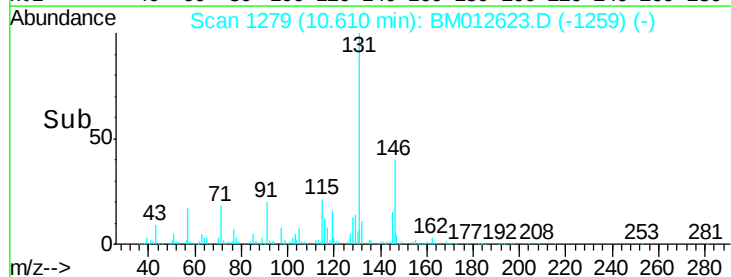
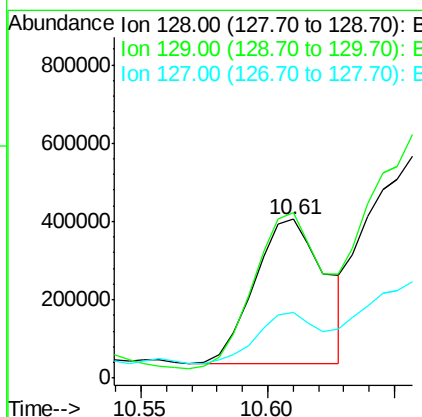
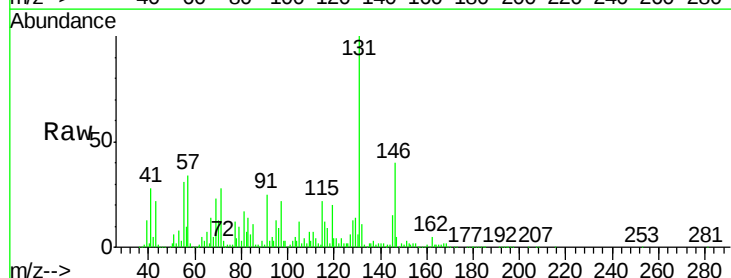
Instrument :
BNA_M
ClientSampleId :

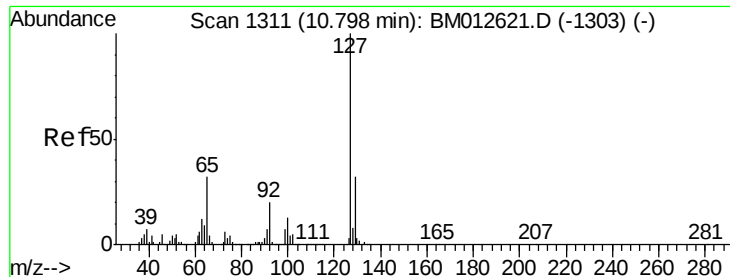
Tot Ion:162 Resp: 28438
Ion Ratio Lower Upper
162 100
164 74.8 47.8 71.6#
98 426.0 23.0 34.4#



#28
Naphthalene
Concen: 34.60 ng/ul
RT: 10.61 min Scan# 1279
Delta R.T. -0.08 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

Tgt Ion:128 Resp: 722434
Ion Ratio Lower Upper
128 100
129 104.0 8.8 13.2#
127 41.8 10.6 16.0#

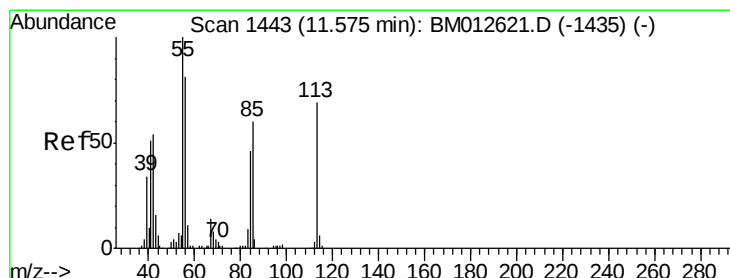
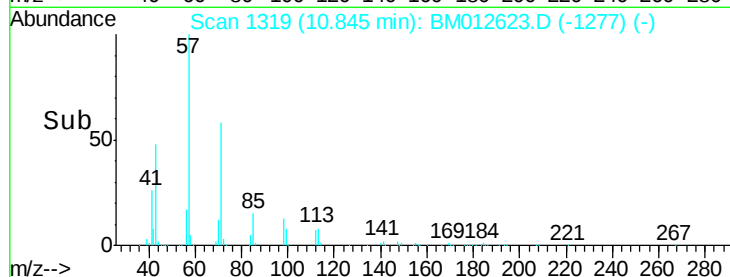
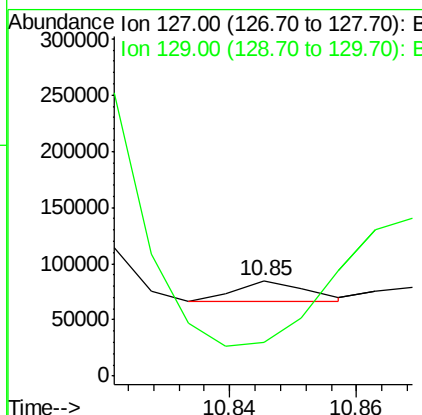
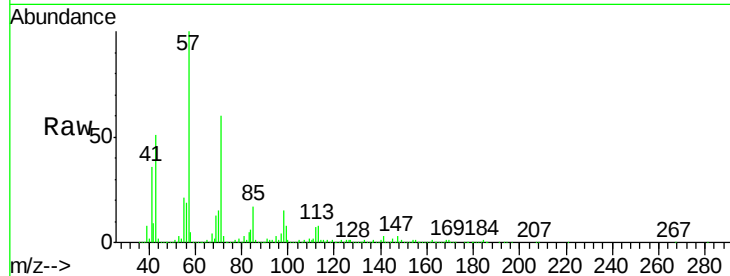




#30
4-Chloroaniline
Concen: 1.91 ng/ul
RT: 10.85 min Scan# 1319
Delta R.T. 0.05 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

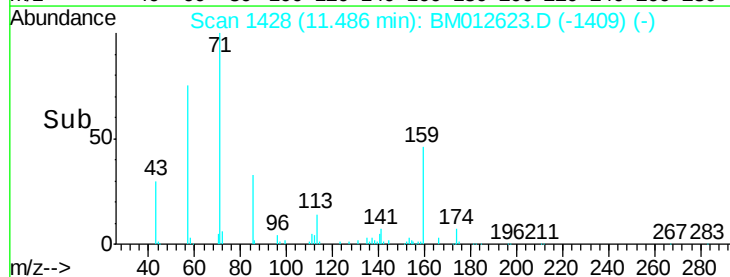
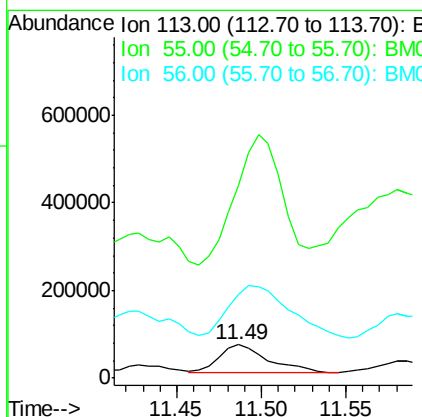
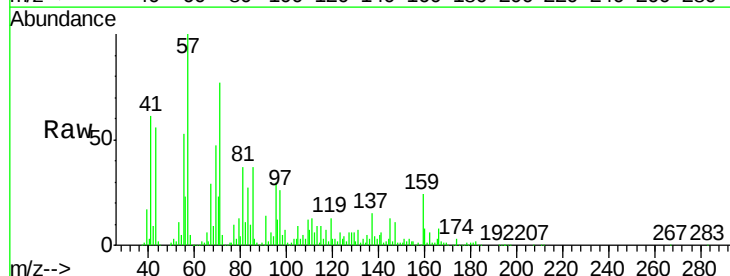
Instrument :
BNA_M
ClientSampleId :

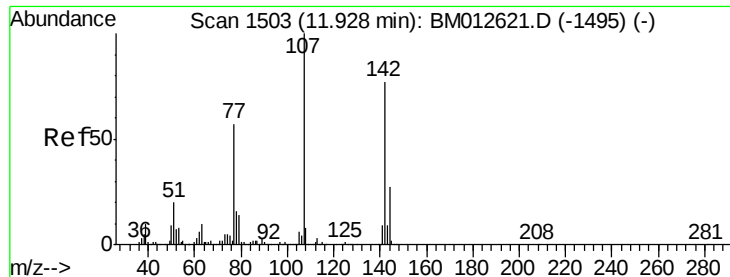
Tot Ion:127 Resp: 14625
Ion Ratio Lower Upper
127 100
129 34.8 28.4 42.6



#32
Caprolactam
Concen: 57.24 ng/ul
RT: 11.49 min Scan# 1428
Delta R.T. -0.09 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

Tgt Ion:113 Resp: 130161
Ion Ratio Lower Upper
113 100
55 571.6 208.0 312.0#
56 247.3 160.0 240.0#

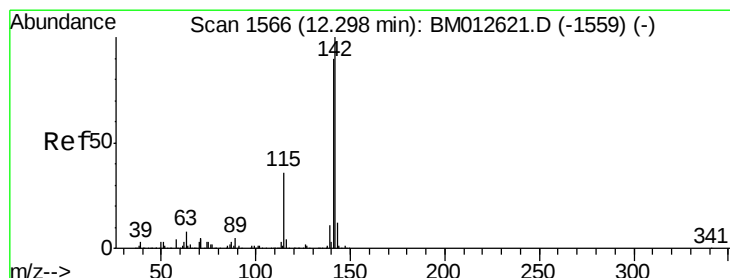
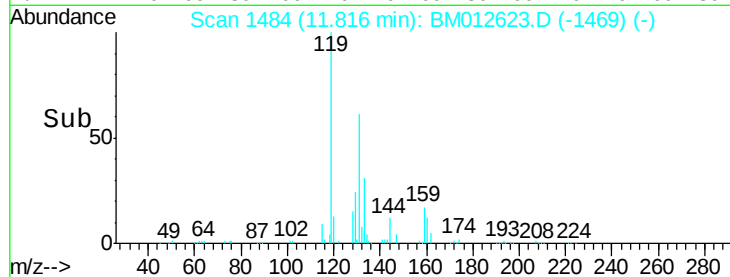
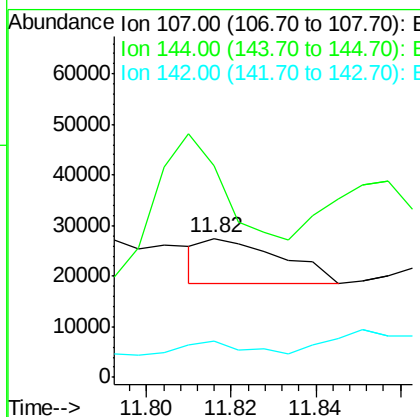
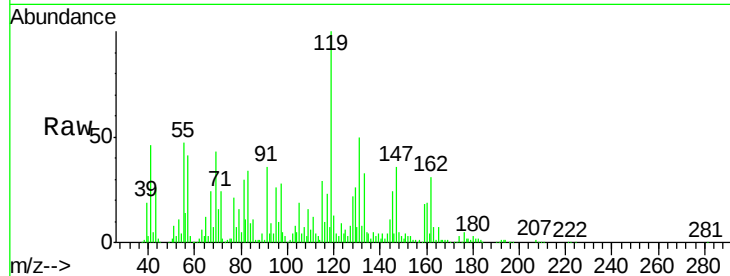




#33
 4-Chloro-3-methylphenol
 Concen: 1.44 ng/ul
 RT: 11.82 min Scan# 1484
 Delta R.T. -0.11 min
 Lab File: BM012623.D
 Acq: 01 Nov 2017 03:44

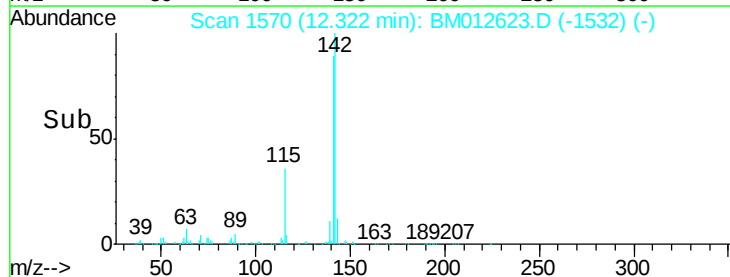
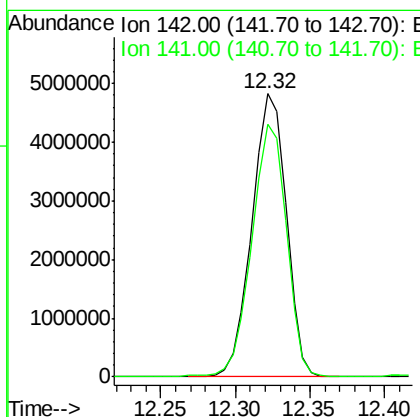
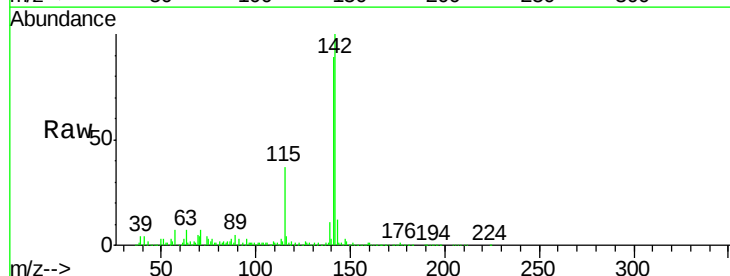
Instrument :
 BNA_M
 ClientSampleId :

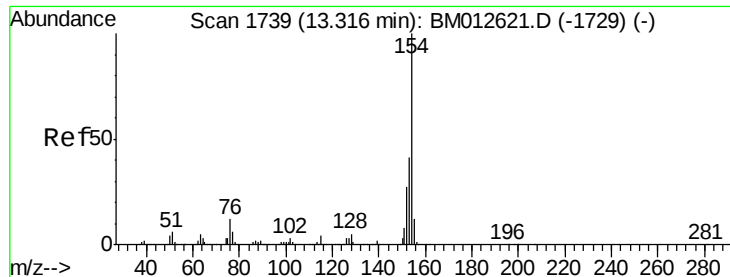
Tot Ion:107 Resp: 11327
 Ion Ratio Lower Upper
 107 100
 144 152.5 20.4 30.6#
 142 25.9 60.5 90.7#



#34
 2-Methylnaphthalene
 Concen: 451.73 ng/ul
 RT: 12.32 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BM012623.D
 Acq: 01 Nov 2017 03:44

Tgt Ion:142 Resp: 7659154
 Ion Ratio Lower Upper
 142 100
 141 89.5 74.1 111.1





#40

1,1'-Biphenyl

Concen: 5.78 ng/ul

RT: 13.32 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampled :

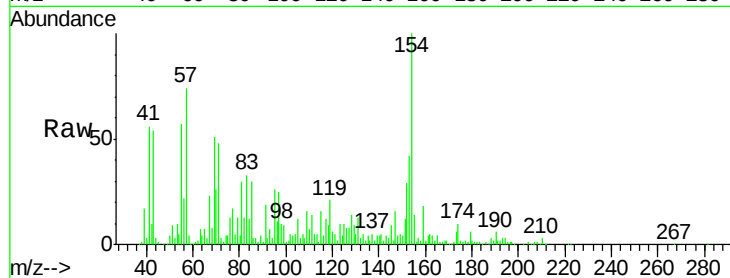
Tot Ion:154 Resp: 548440

Ion Ratio Lower Upper

154 100

153 41.6 32.6 48.8

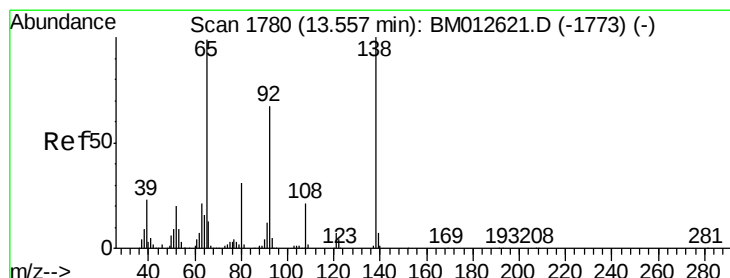
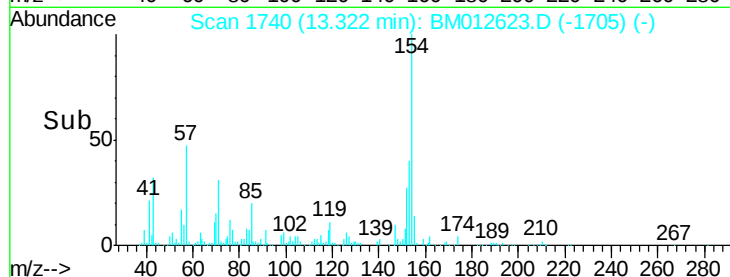
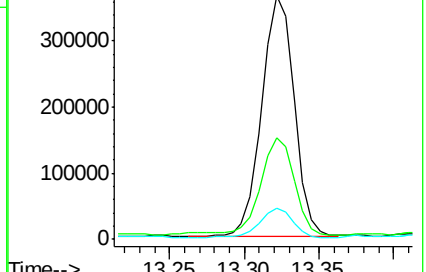
76 12.7 8.5 12.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#42

2-Nitroaniline

Concen: 5.17 ng/ul

RT: 13.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

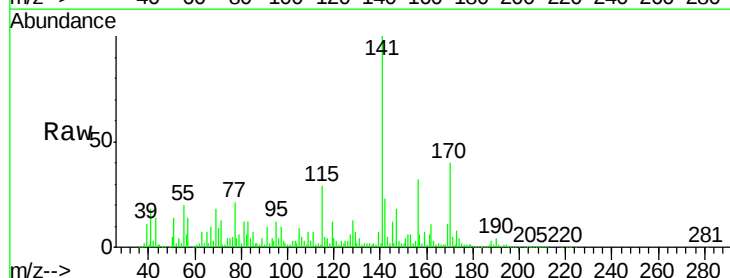
Tgt Ion: 65 Resp: 89473

Ion Ratio Lower Upper

65 100

92 27.8 51.8 77.6#

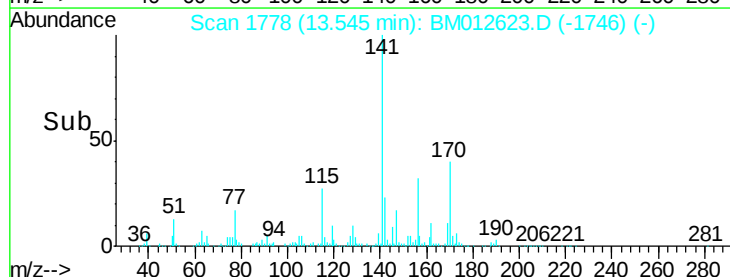
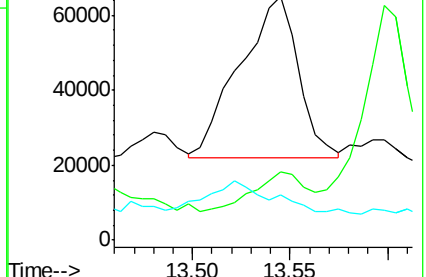
138 18.8 74.2 111.4#

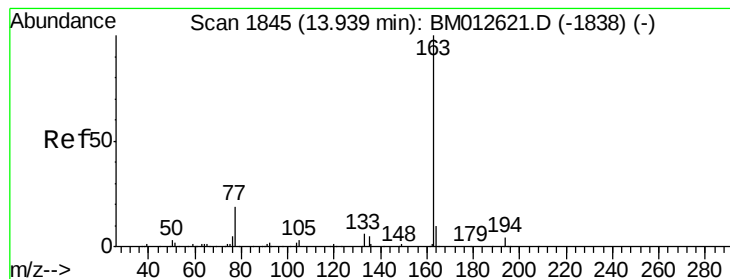


Abundance Ion 65.00 (64.70 to 65.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 10.77 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampled :

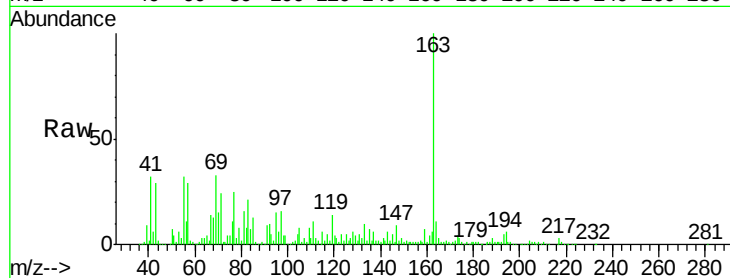
Tot Ion:163 Resp: 1107242

Ion Ratio Lower Upper

163 100

194 6.3 3.5 5.3#

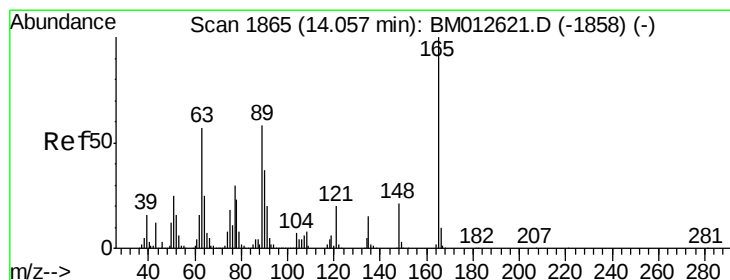
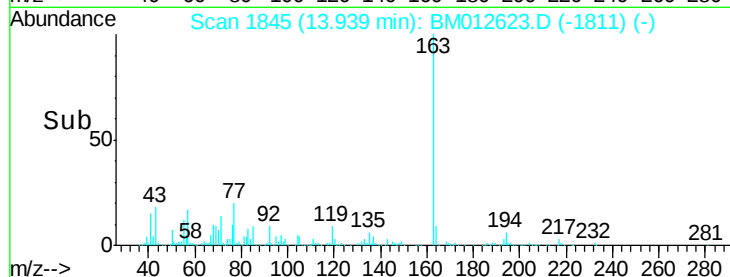
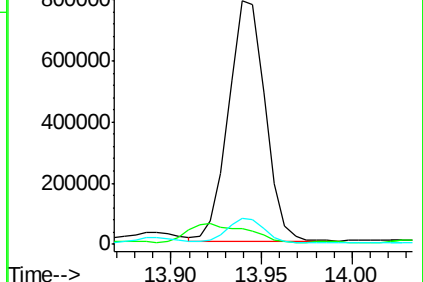
164 10.5 8.2 12.4



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: 1.28 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

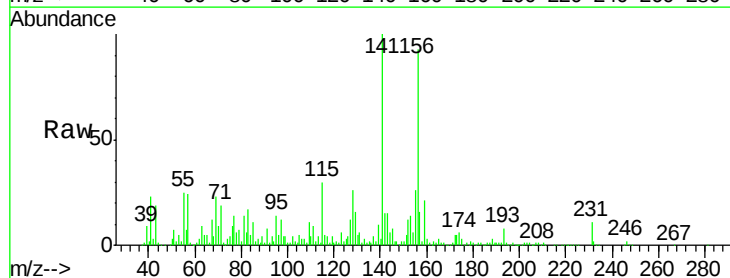
Tgt Ion:165 Resp: 20905

Ion Ratio Lower Upper

165 100

89 149.1 52.6 79.0#

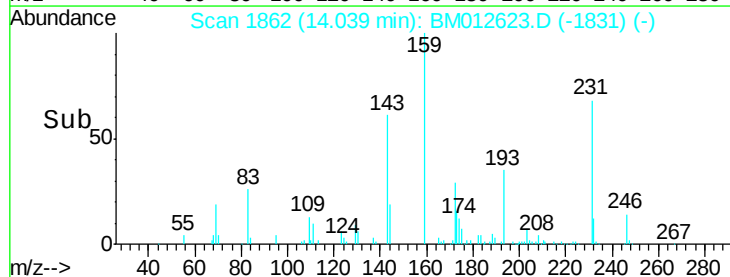
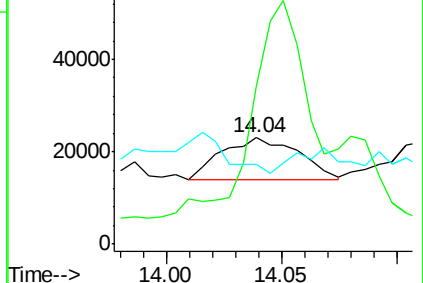
121 75.7 14.6 22.0#

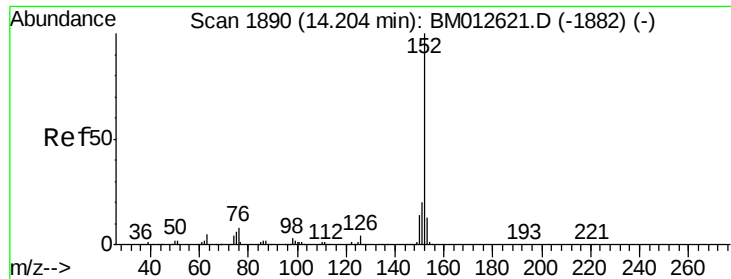


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 1.58 ng/ul

RT: 14.22 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

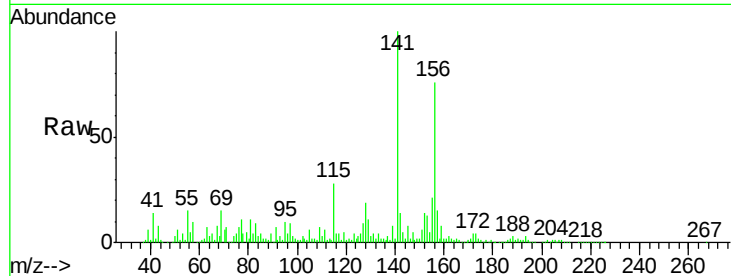
Tot Ion:152 Resp: 184843

Ion Ratio Lower Upper

152 100

151 43.6 16.3 24.5#

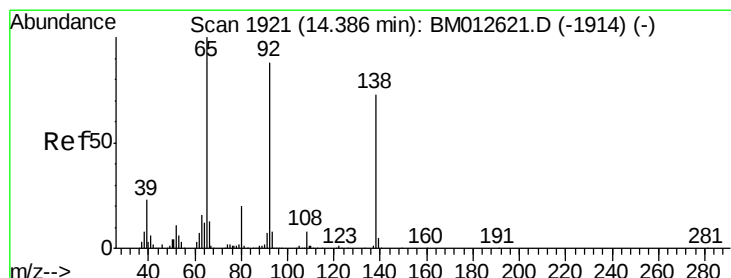
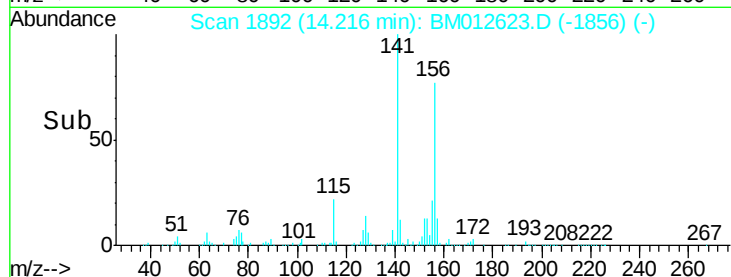
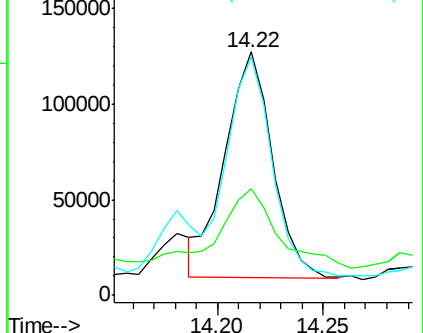
153 97.8 10.2 15.4#



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: 1.24 ng/ul

RT: 14.40 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

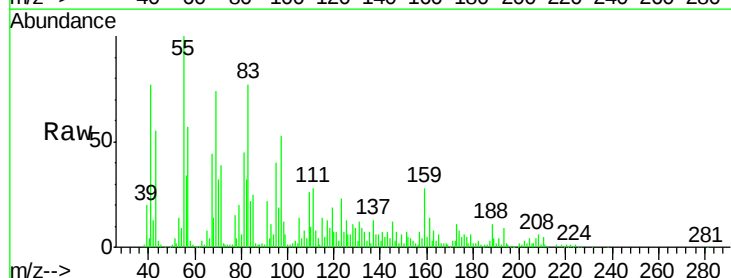
Tgt Ion:138 Resp: 18999

Ion Ratio Lower Upper

138 100

108 65.9 9.9 14.9#

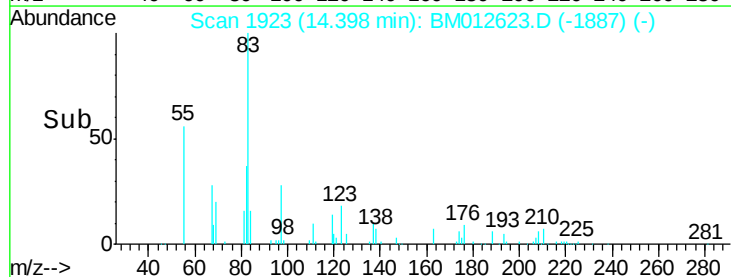
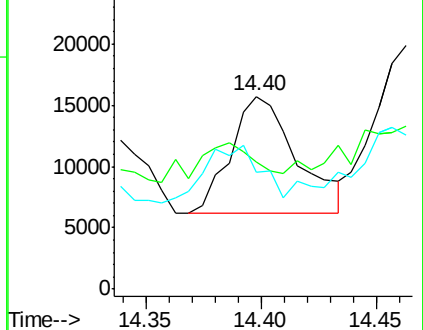
92 60.8 105.0 157.4#

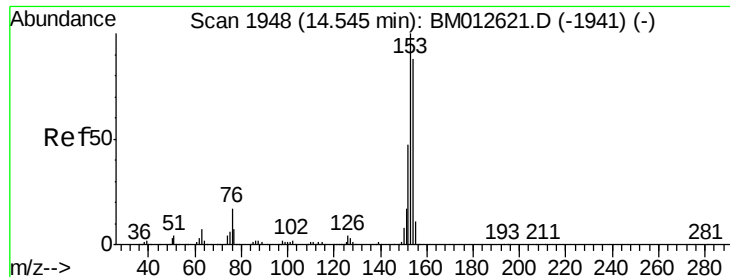


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 8.24 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampled :

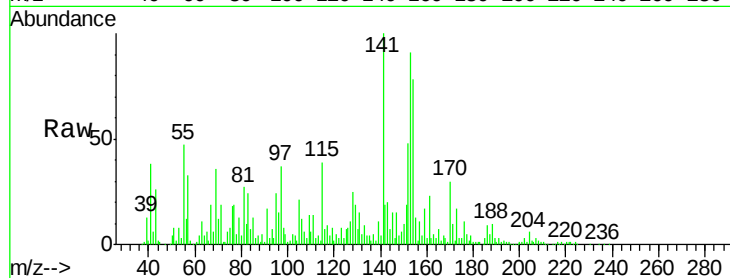
Tot Ion:153 Resp: 662557

Ion Ratio Lower Upper

153 100

152 52.7 37.6 56.4

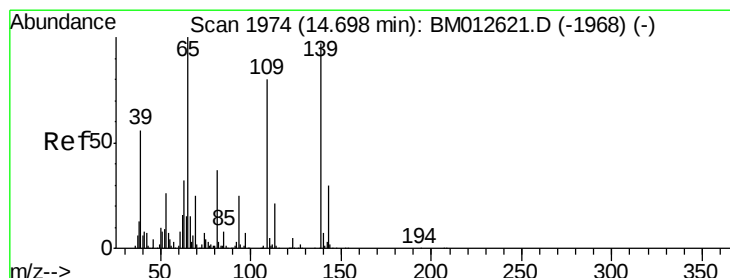
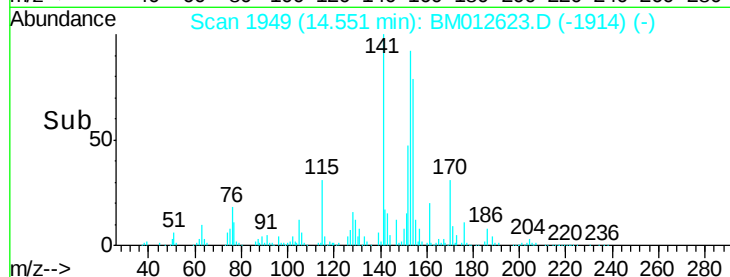
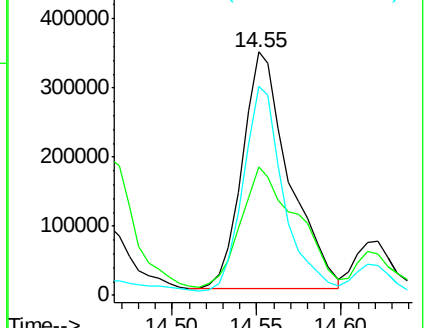
154 85.6 70.4 105.6



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: 1.35 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

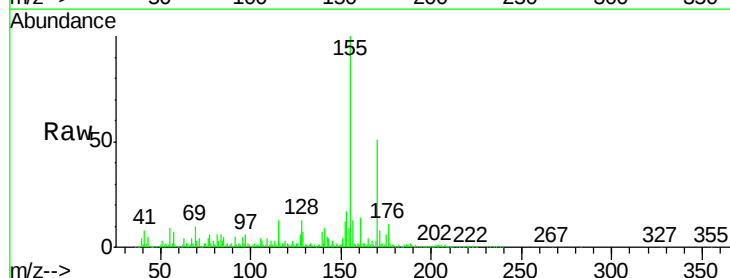
Tgt Ion:109 Resp: 21150

Ion Ratio Lower Upper

109 100

139 203.7 80.0 120.0#

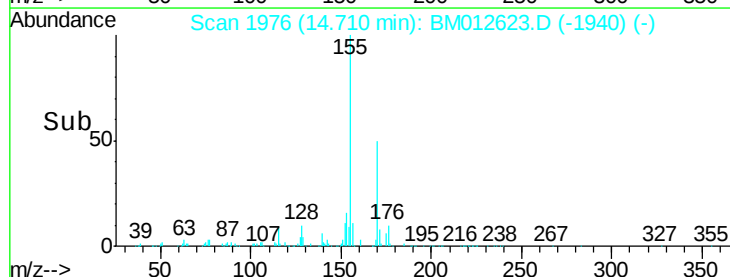
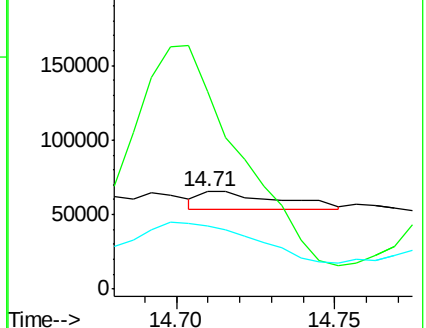
65 64.8 120.0 180.0#

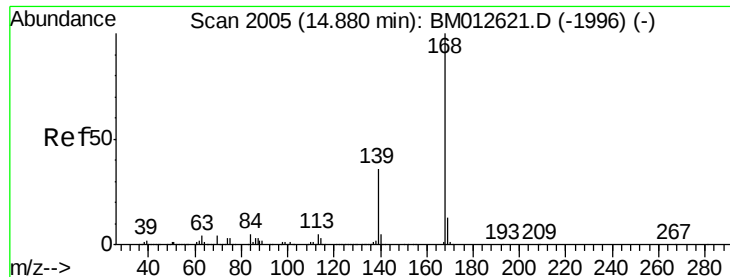


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzenofuran

Concen: 2.03 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

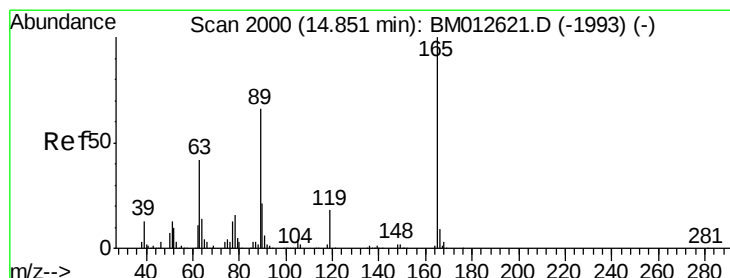
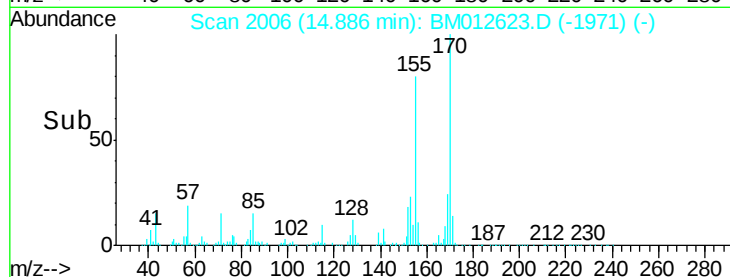
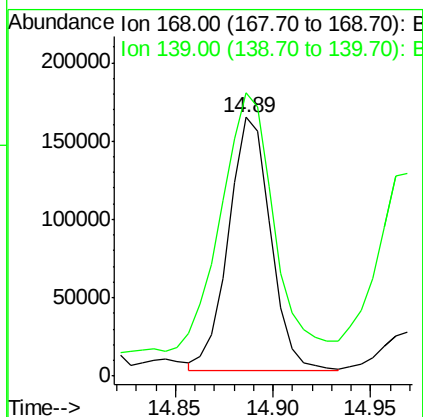
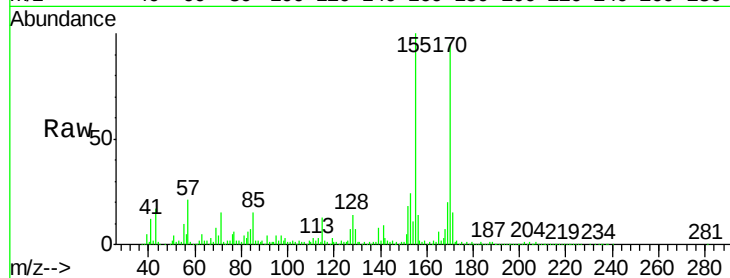
ClientSampleId :

Tot Ion:168 Resp: 241499

Ion Ratio Lower Upper

168 100

139 109.4 30.8 46.2#



#54

2,4-Dinitrotoluene

Concen: 1.07 ng/ul

RT: 14.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

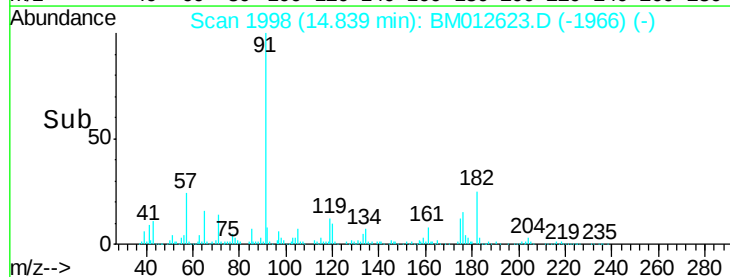
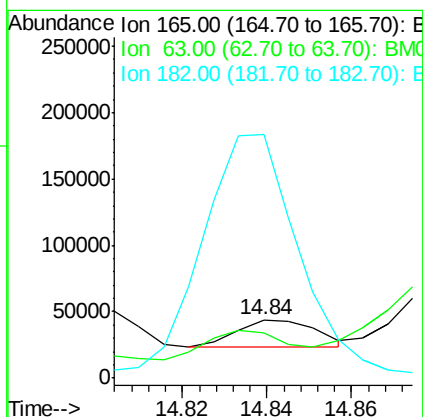
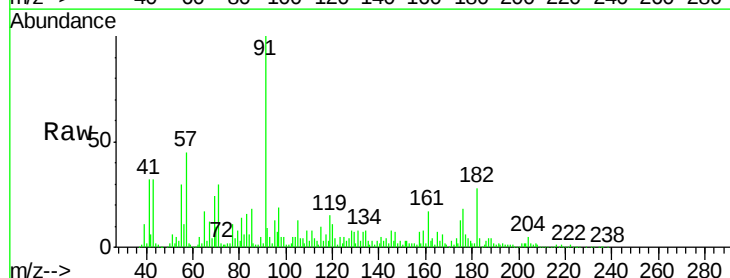
Tgt Ion:165 Resp: 26116

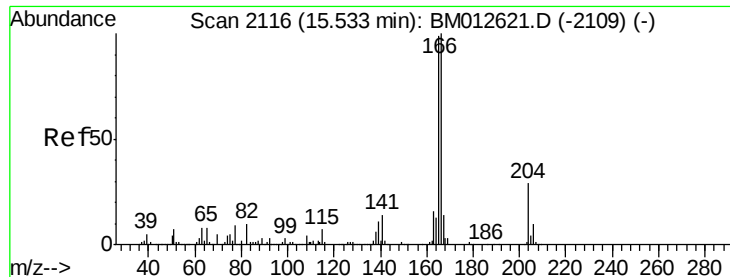
Ion Ratio Lower Upper

165 100

63 77.2 45.8 68.8#

182 418.6 2.6 4.0#





#58

Fluorene

Concen: 6.35 ng/ul

RT: 15.53 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

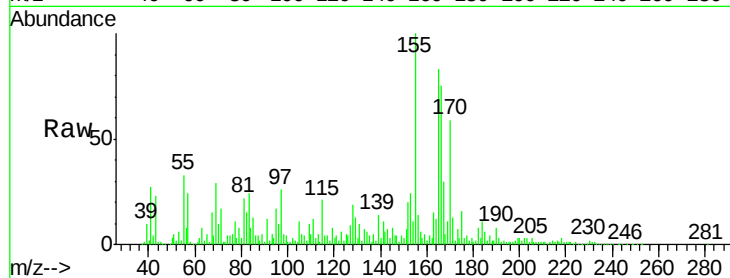
Tot Ion:166 Resp: 638451

Ion Ratio Lower Upper

166 100

165 110.4 77.9 116.9

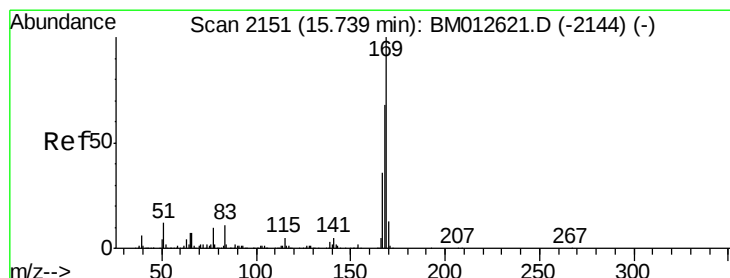
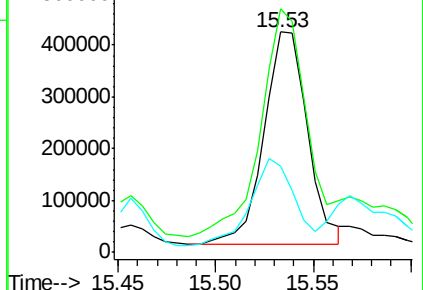
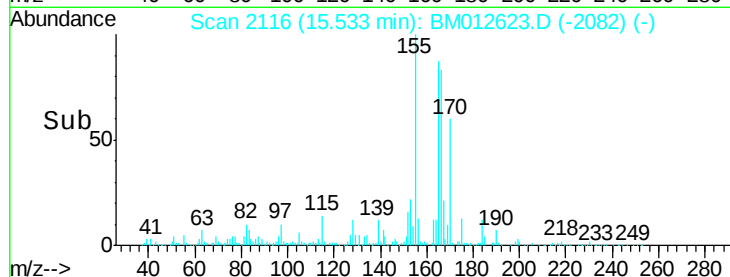
167 39.3 10.6 16.0#



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



#64

N-Nitrosodiphenylamine

Concen: 16.95 ng/ul

RT: 15.74 min Scan# 2152

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

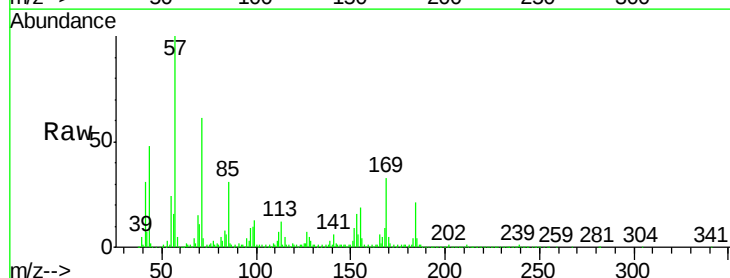
Tgt Ion:169 Resp: 1143816

Ion Ratio Lower Upper

169 100

168 26.5 54.0 81.0#

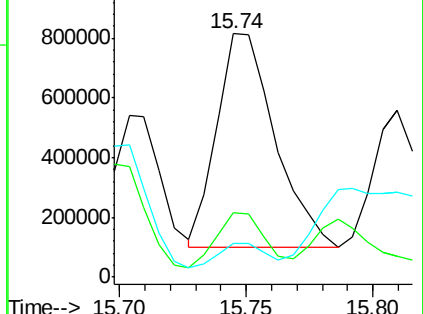
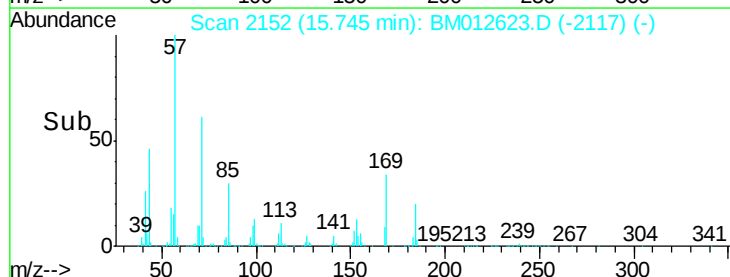
167 13.9 29.1 43.7#

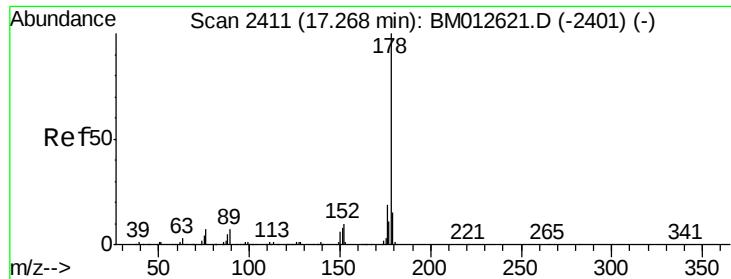


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 24.64 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

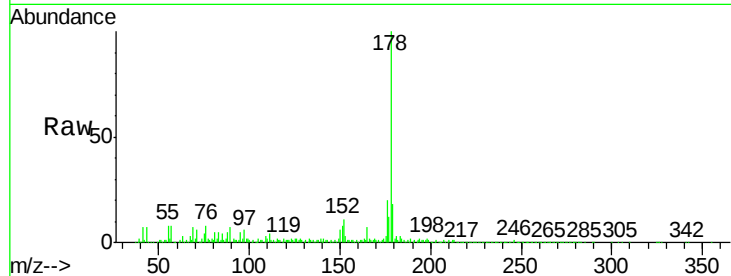
Tot Ion:178 Resp: 3094894

Ion Ratio Lower Upper

178 100

179 18.0 12.6 19.0

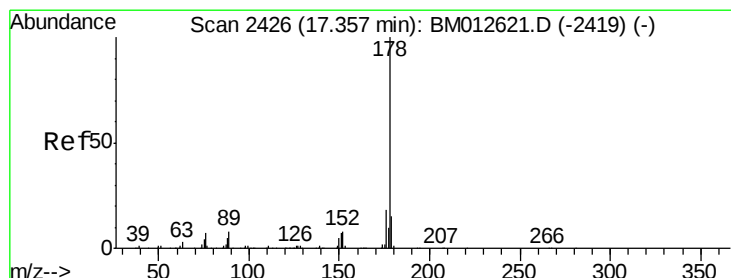
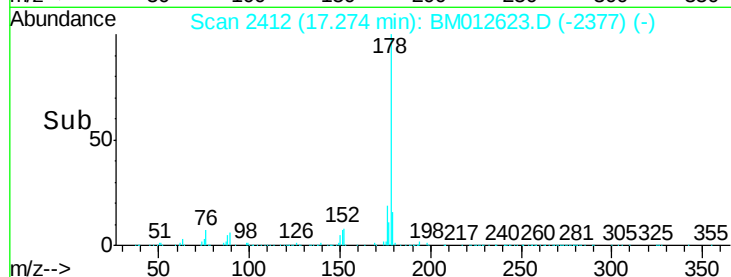
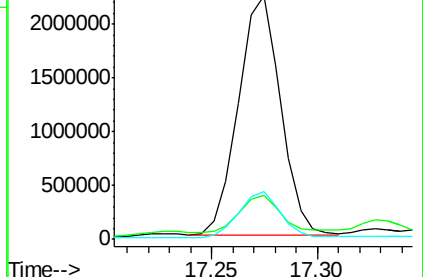
176 19.5 14.9 22.3



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: 2.47 ng/ul

RT: 17.36 min Scan# 2427

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

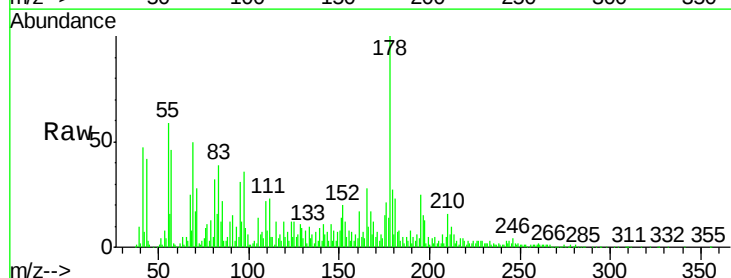
Tgt Ion:178 Resp: 320539

Ion Ratio Lower Upper

178 100

179 27.5 11.7 17.5#

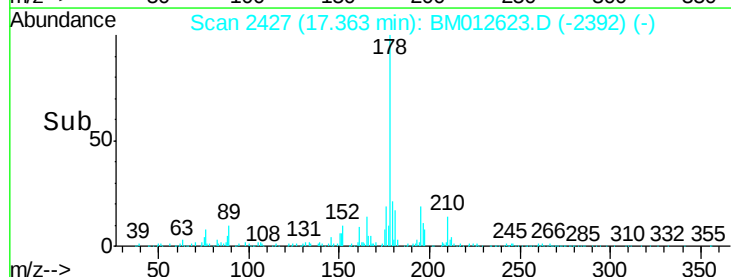
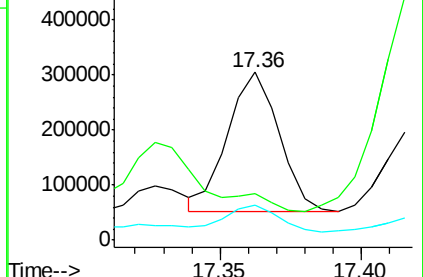
176 20.7 14.6 21.8

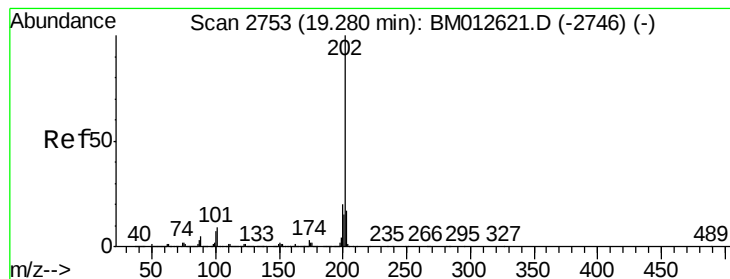


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.74 ng/ul

RT: 19.29 min Scan# 2754

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

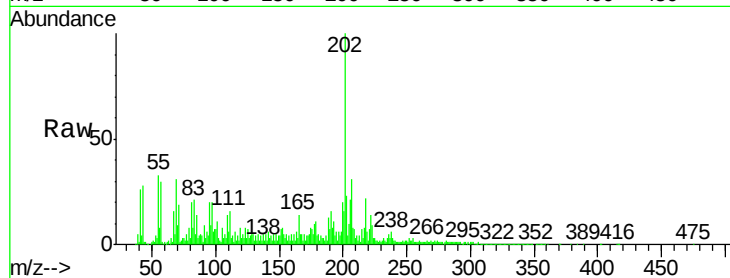
Tot Ion:202 Resp: 674154

Ion Ratio Lower Upper

202 100

101 10.8 4.6 7.0#

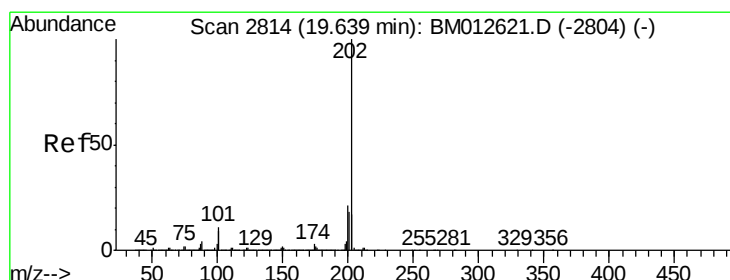
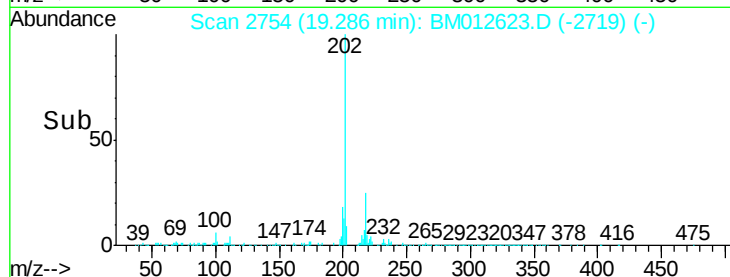
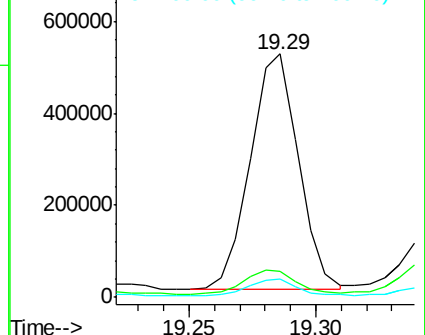
100 7.5 3.4 5.2#



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



#77

Pyrene

Concen: 11.97 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

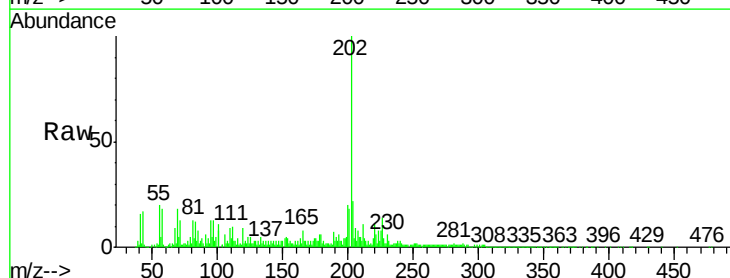
Tgt Ion:202 Resp: 1337421

Ion Ratio Lower Upper

202 100

101 10.9 5.1 7.7#

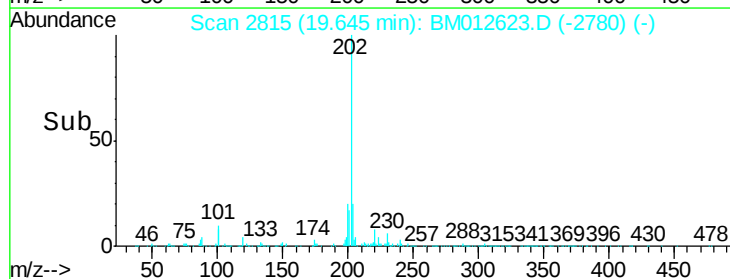
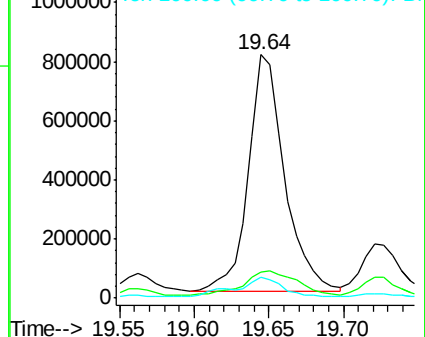
100 8.4 4.9 7.3#

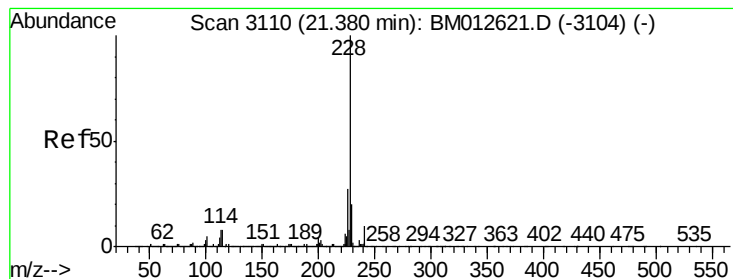


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.23 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampled :

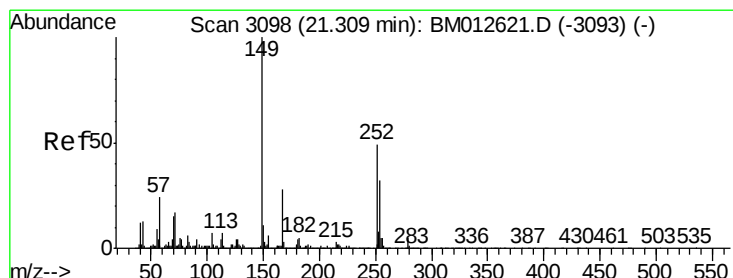
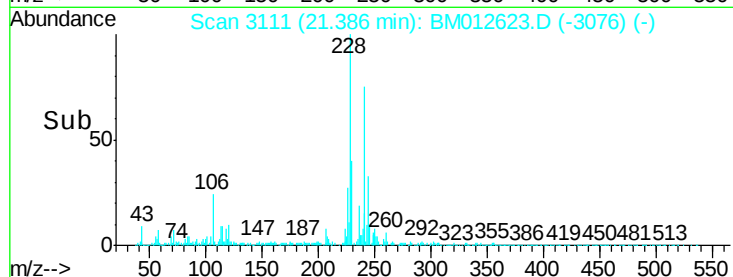
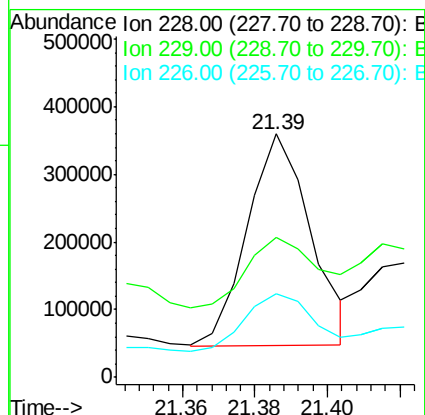
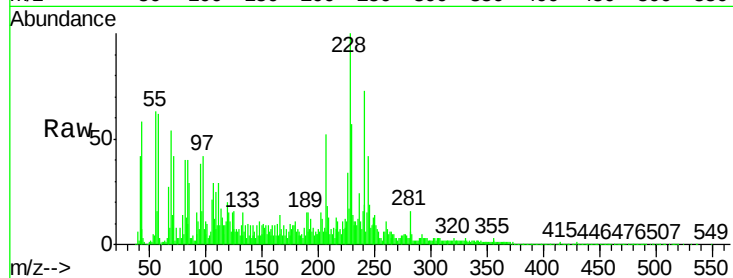
Tot Ion:228 Resp: 379694

Ion Ratio Lower Upper

228 100

229 57.3 15.4 23.0#

226 34.4 21.4 32.0#



#81

Bis(2-ethylhexyl)phthalate

Concen: 14.83 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

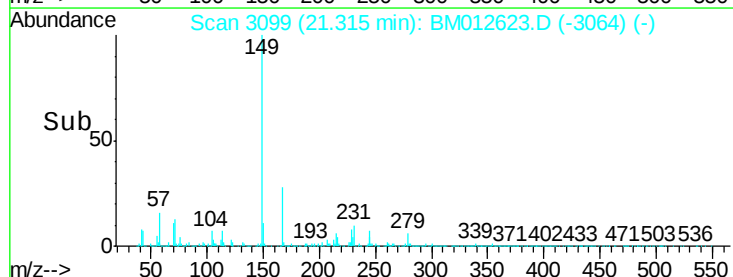
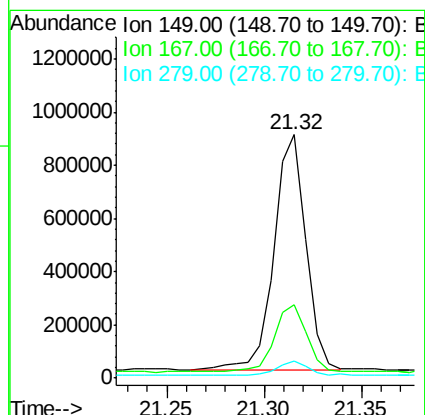
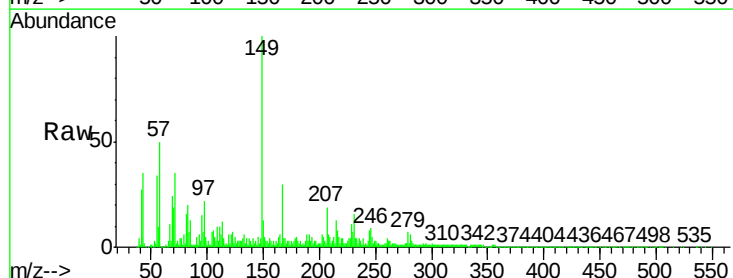
Tgt Ion:149 Resp: 993258

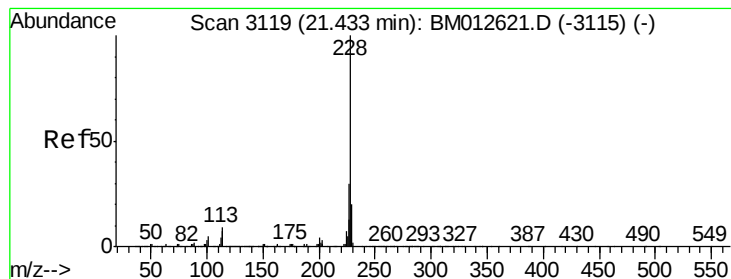
Ion Ratio Lower Upper

149 100

167 30.2 22.8 34.2

279 7.1 4.9 7.3





#82

Chrysene

Concen: 5.91 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

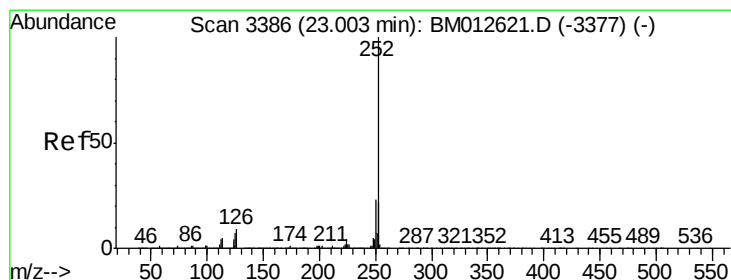
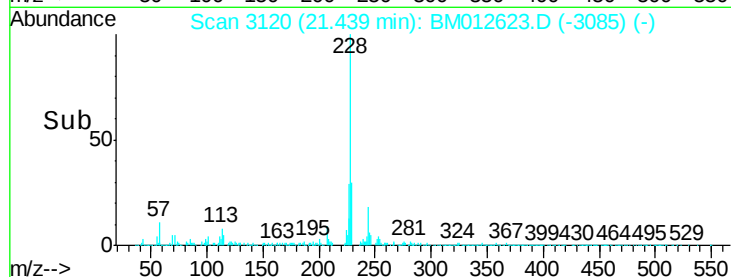
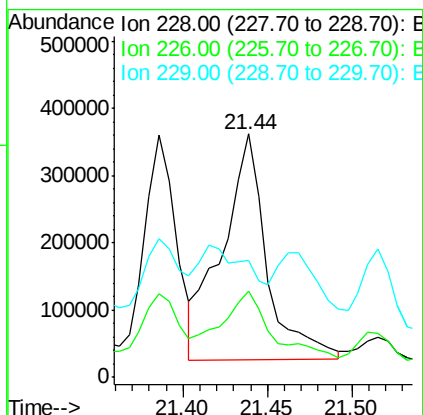
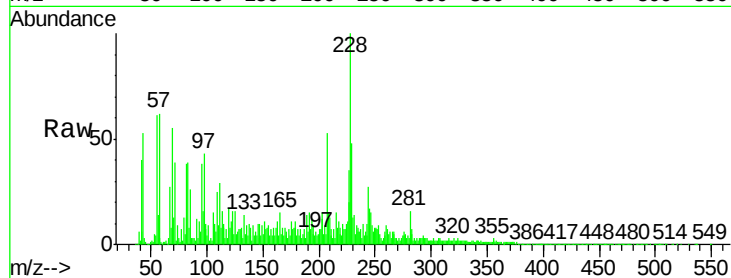
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 618607

Ion	Ratio	Lower	Upper
228	100		
226	35.2	23.4	35.2#
229	48.1	15.5	23.3#



#85

Benzo(b)fluoranthene

Concen: 2.85 ng/ul

RT: 23.01 min Scan# 3387

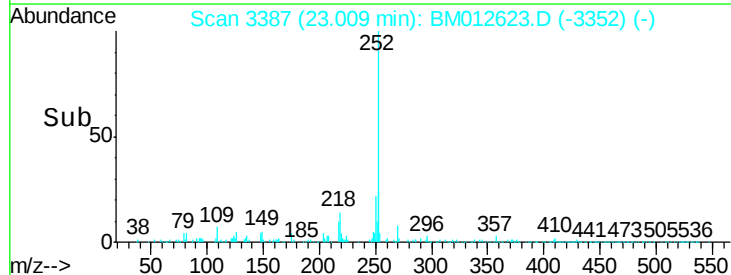
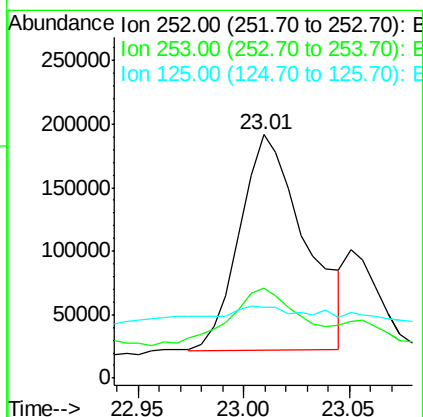
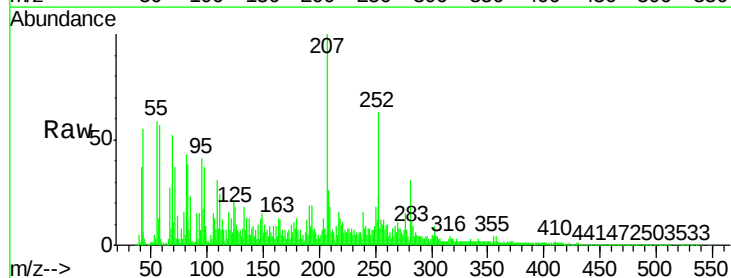
Delta R.T. 0.01 min

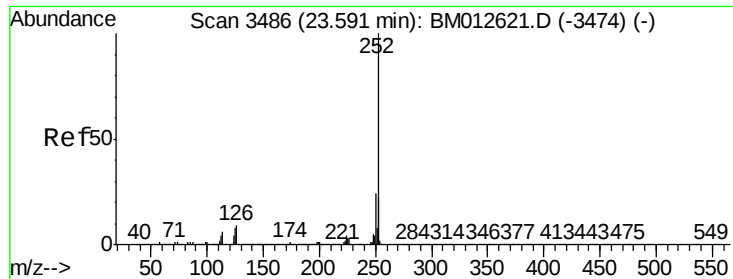
Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Tgt Ion:252 Resp: 368543

Ion	Ratio	Lower	Upper
252	100		
253	37.1	17.9	26.9#
125	29.3	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 2.64 ng/ul

RT: 23.60 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM012623.D

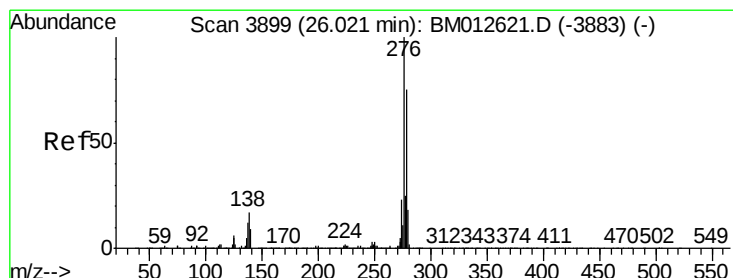
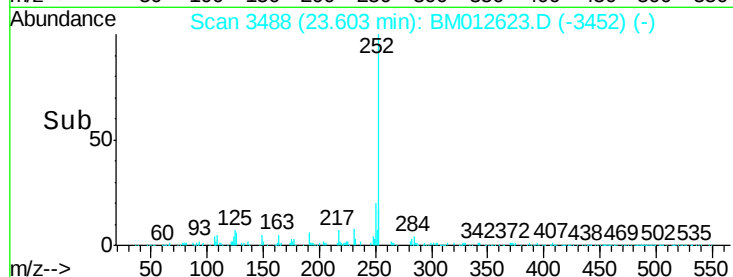
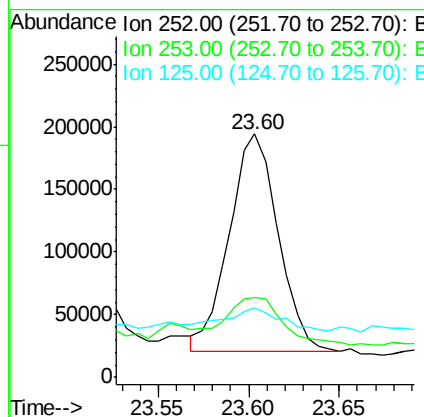
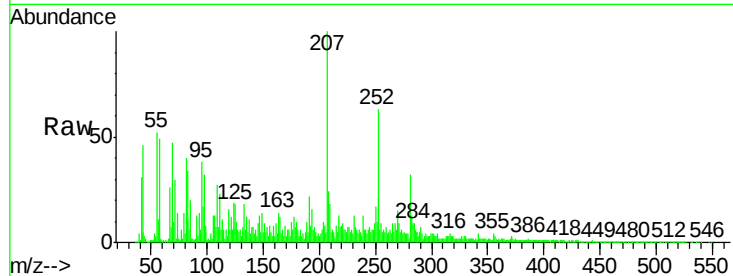
Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	325101
Ion Ratio	Lower	Upper	
252	100		
253	32.6	18.2	27.2#
125	28.4	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.29 ng/ul

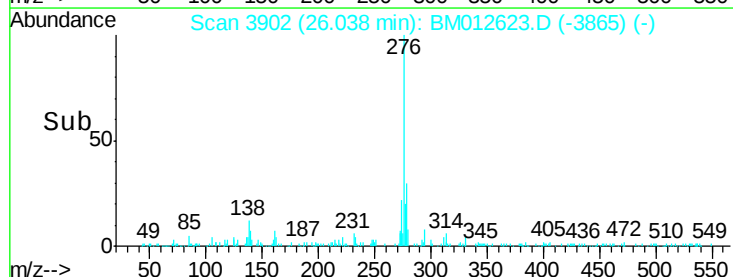
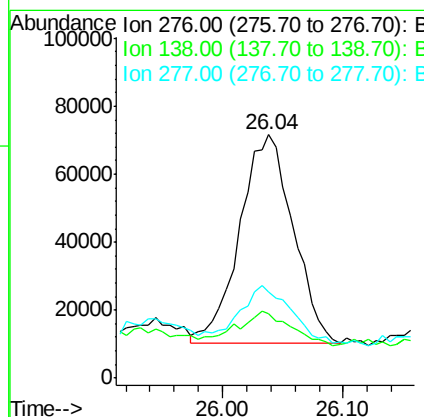
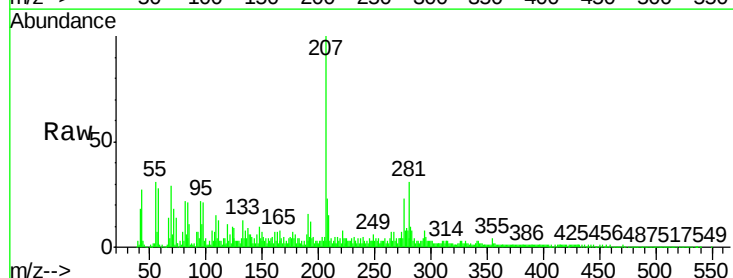
RT: 26.04 min Scan# 3902

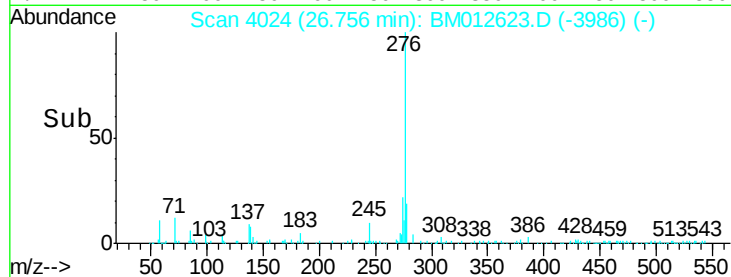
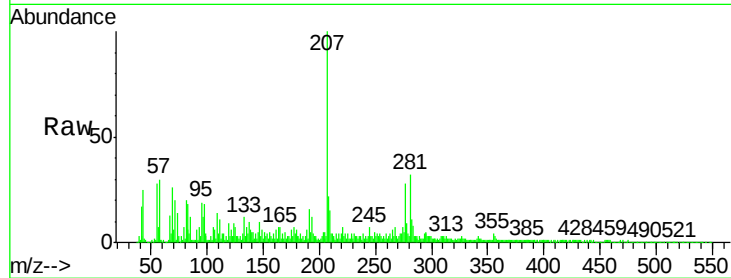
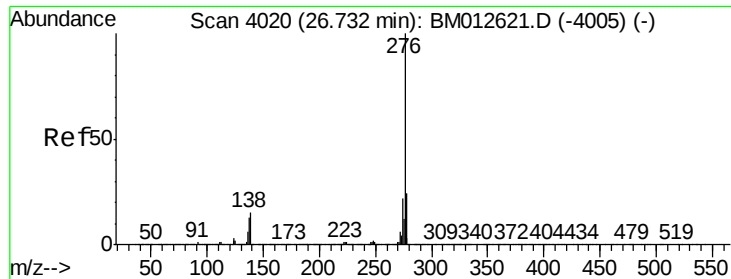
Delta R.T. 0.02 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Tgt Ion:	276	Resp:	187567
Ion Ratio	Lower	Upper	
276	100		
138	26.7	9.3	13.9#
277	35.5	19.9	29.9#





#91

Benzo(a,h,i)perylene

Concen: 2.12 ng/ul

RT: 26.76 min Scan# 4024

Delta R.T. 0.02 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 249498

Ion Ratio Lower Upper

276 100

138 22.1 8.5 12.7#

277 31.9 18.6 28.0#

