

Data File : BM010778.D
Acq On : 30 Jun 2017 17:35
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Quant Time: Jul 01 06:39:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 01 04:18:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	314160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	231478	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	646524	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	768477	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	590759	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	9959	8.25	ng/uL	0.00
5) Phenol-d5	6.65	99	120172	18.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	68656	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	89570	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	100094	18.32	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	44817	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	53497	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	112217	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	132287	23.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	397525	19.56	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	465675	19.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	66069	18.48	ng/ul	0.00
57) Fluorene-d10	15.11	176	375291	21.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	78938	19.88	ng/ul	0.00
70) Anthracene-d10	16.96	188	631104	20.21	ng/ul	0.00
76) Pyrene-d10	19.27	212	758741	21.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	578453	20.26	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	11962	8.87 ng/uL#	35
4) Benzaldehyde	6.61	77	89024	22.96 ng/ul	94
6) Phenol	6.67	94	122815	18.10 ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	87795	17.77 ng/ul	98
10) 2-Chlorophenol	7.03	128	89254	19.32 ng/ul	98
11) 2-Methylphenol	7.90	108	95918	18.54 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.99	45	55479	16.09 ng/ul#	91
14) Acetophenone	8.27	105	167454	18.77 ng/ul	91
15) N-Nitroso-di-n-propylamine	8.26	70	87854	18.28 ng/ul#	93
16) 4-Methylphenol	8.23	108	104827	18.42 ng/ul	99
17) Hexachloroethane	8.52	117	44116	21.47 ng/ul#	75
20) Nitrobenzene	8.64	77	141947	21.71 ng/ul	95
21) Isophorone	9.17	82	238085	18.32 ng/ul	99
23) 2-Nitrophenol	9.35	139	56600	20.67 ng/ul	93
24) 2,4-Dimethylphenol	9.41	107	140873	20.22 ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.65	93	135034	18.73 ng/ul	96
27) 2,4-Dichlorophenol	9.87	162	110205	20.83 ng/ul#	93
28) Naphthalene	10.27	128	310083	19.83 ng/ul	99
30) 4-Chloroaniline	10.39	127	126780	22.01 ng/ul	95
31) Hexachlorobutadiene	10.56	225	92269	23.12 ng/ul	97
32) Caprolactam	11.15	113	21064	11.34 ng/ul	89
33) 4-Chloro-3-methylphenol	11.52	107	133298	19.75 ng/ul	92
34) 2-Methylnaphthalene	11.89	142	259845	20.68 ng/ul	91

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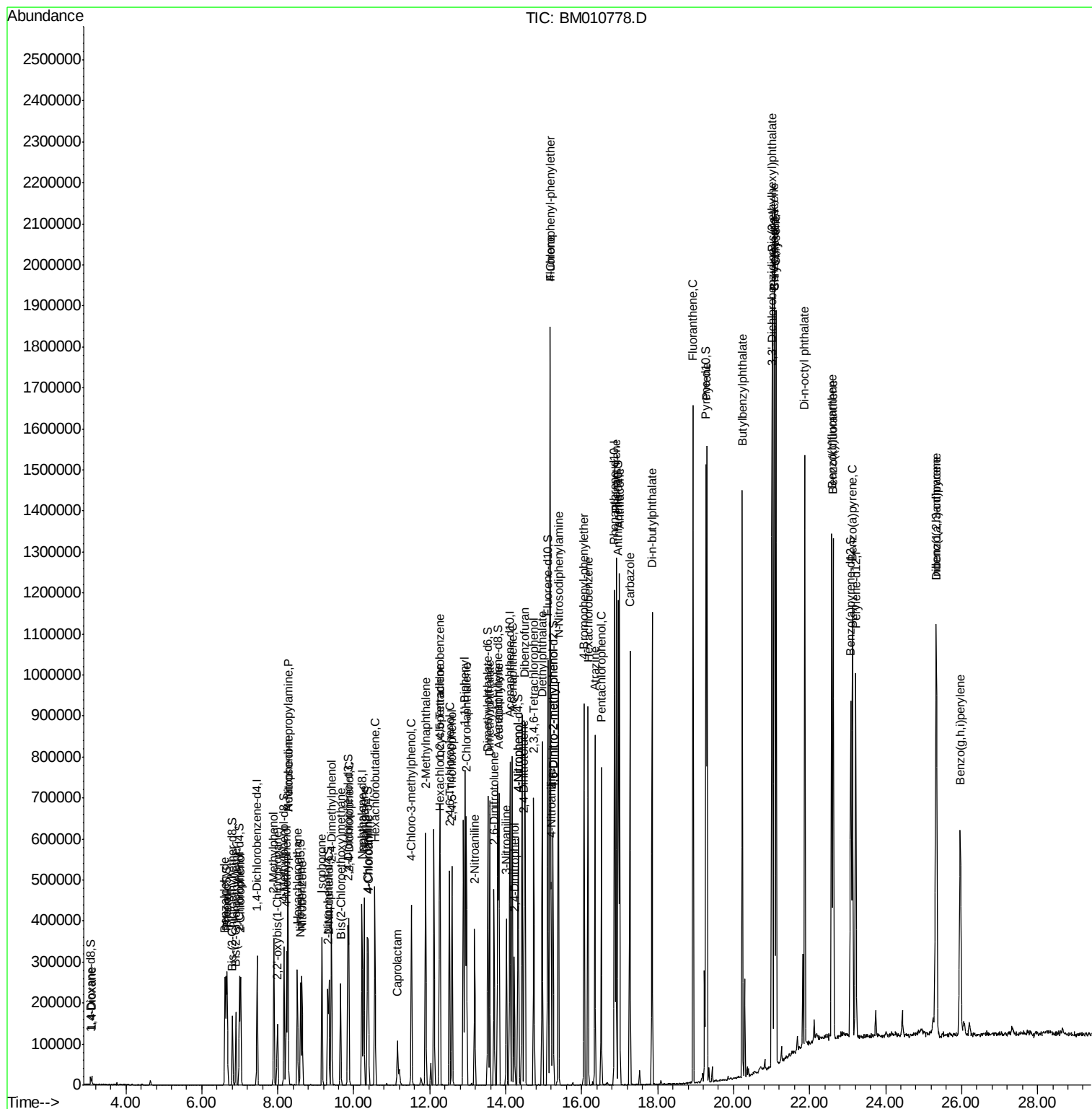
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	173187	21.20	ng/ul#	97
37) Hexachlorocyclopentadiene	12.25	237	78820	16.78	ng/ul	99
38) 2,4,6-Trichlorophenol	12.52	196	113645	20.37	ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	115381	20.03	ng/ul	94
40) 1,1'-Biphenyl	12.93	154	355316	19.63	ng/ul	97
41) 2-Chloronaphthalene	12.97	162	280003	19.66	ng/ul	94
42) 2-Nitroaniline	13.18	65	93544	22.46	ng/ul	97
44) Dimethylphthalate	13.58	163	385711	19.36	ng/ul	98
45) 2,6-Dinitrotoluene	13.70	165	78091	22.63	ng/ul#	81
47) Acenaphthylene	13.82	152	443004	19.68	ng/ul	100
48) 3-Nitroaniline	14.02	138	76898	22.10	ng/ul	96
49) Acenaphthene	14.17	153	295468	19.46	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	51939	20.79	ng/ul#	68
52) 4-Nitrophenol	14.34	109	112100	24.71	ng/ul#	84
53) Dibenzofuran	14.51	168	467314	20.32	ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	122225	22.83	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	14.74	232	122041	20.94	ng/ul#	94
56) Diethylphthalate	14.96	149	424601	20.26	ng/ul	94
58) Fluorene	15.16	166	398728	20.71	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.17	204	217530	20.79	ng/ul#	87
60) 4-Nitroaniline	15.19	138	86117	20.95	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.25	198	81909	19.36	ng/ul	94
64) N-Nitrosodiphenylamine	15.39	169	347688	19.39	ng/ul	97
65) 4-Bromophenyl-phenylether	16.06	248	145031	19.59	ng/ul#	87
66) Hexachlorobenzene	16.17	284	150263	19.27	ng/ul#	78
67) Atrazine	16.35	200	156631	20.74	ng/ul	95
68) Pentachlorophenol	16.52	266	103163	18.77	ng/ul	97
69) Phenanthrene	16.90	178	685319	19.94	ng/ul	98
71) Anthracene	17.00	178	704124	19.88	ng/ul	99
72) Carbazole	17.27	167	598940	19.39	ng/ul	98
73) Di-n-butylphthalate	17.86	149	754916	19.22	ng/ul	99
74) Fluoranthene	18.93	202	909978	20.54	ng/ul#	97
77) Pyrene	19.30	202	914372	20.60	ng/ul	97
78) Butylbenzylphthalate	20.23	149	360796	21.62	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.00	252	299460	19.48	ng/ul#	95
80) Benzo(a)anthracene	21.06	228	922430	20.61	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	535448	21.03	ng/ul	99
82) Chrysene	21.11	228	820517	20.56	ng/ul	98
84) Di-n-octyl phthalate	21.87	149	893193	21.64	ng/ul#	95
85) Benzo(b)fluoranthene	22.58	252	811548	21.16	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	736404	20.26	ng/ul	98
88) Benzo(a)pyrene	23.13	252	716200	20.29	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	732695	20.01	ng/ul	97
90) Dibenzo(a,h)anthracene	25.34	278	605679	19.85	ng/ul	99
91) Benzo(g,h,i)perylene	25.97	276	600161	20.59	ng/ul	98

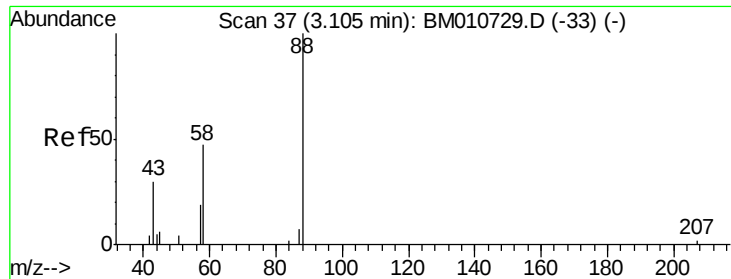
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

SSTD02008

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#2

1,4-Dioxane

Concen: 8.87 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. -0.01 min

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ClientSampleId :

SSTD02008

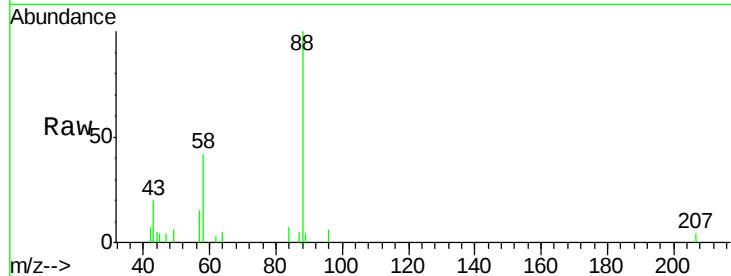
Tgt Ion: 88 Resp: 11962

Ion Ratio Lower Upper

88 100

43 26.8 1.1 1.7#

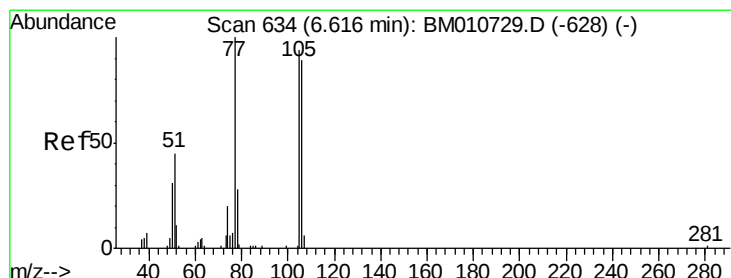
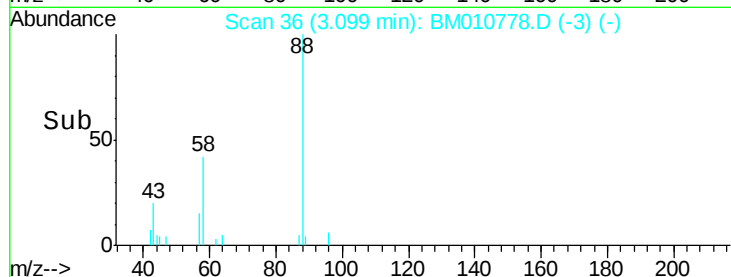
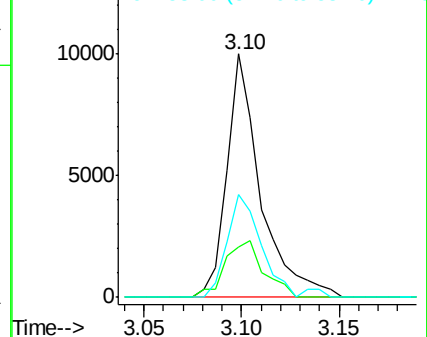
58 42.1 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM010778.D (-36) (-)

Ion 43.00 (42.70 to 43.70): BM010778.D (-36) (-)

Ion 58.00 (57.70 to 58.70): BM010778.D (-36) (-)



#4

Benzaldehyde

Concen: 22.96 ng/uL

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

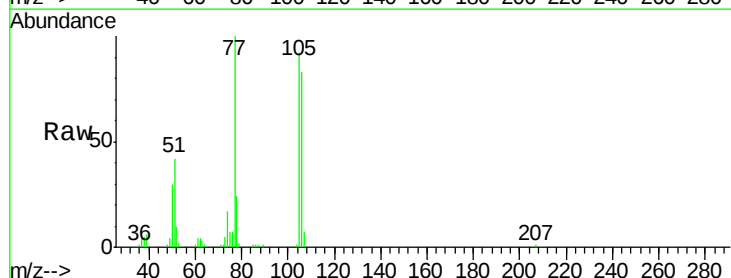
Tgt Ion: 77 Resp: 89024

Ion Ratio Lower Upper

77 100

105 91.6 66.1 99.1

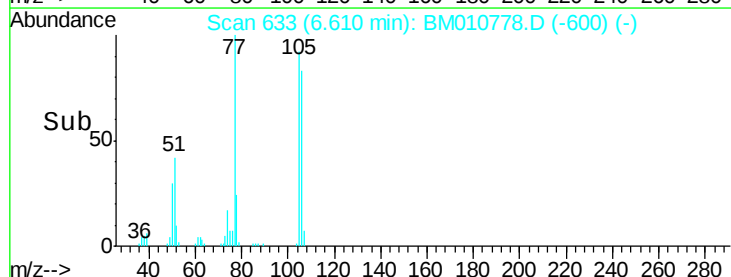
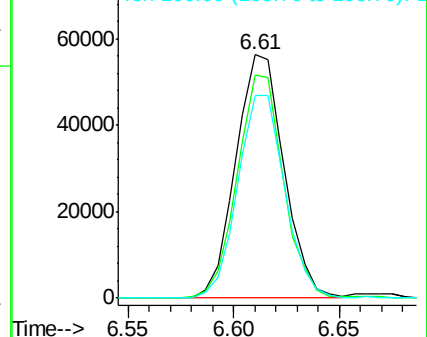
106 83.5 67.8 101.6

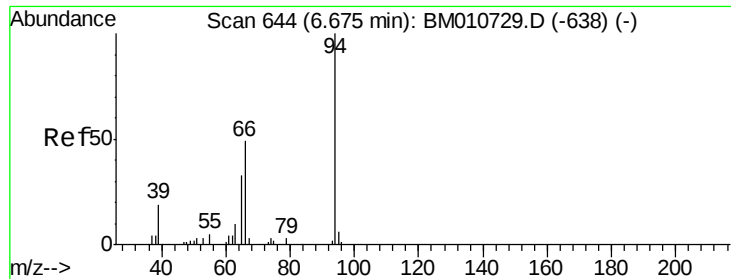


Abundance Ion 77.00 (76.70 to 77.70): BM010778.D (-633) (-)

Ion 105.00 (104.70 to 105.70): BM010778.D (-633) (-)

Ion 106.00 (105.70 to 106.70): BM010778.D (-633) (-)





#6

Phenol

Concen: 18.10 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

Instrument :

BNA_M

ClientSampled :

SSTD02008

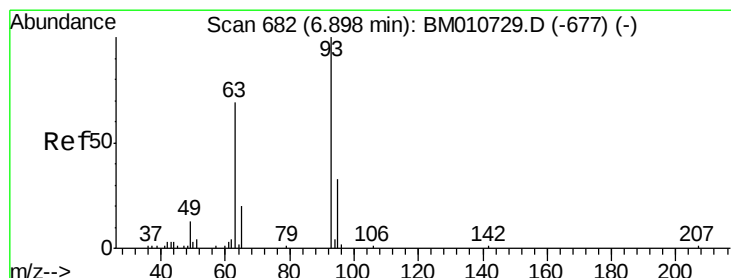
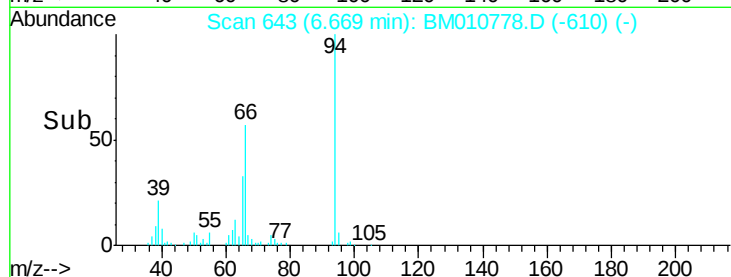
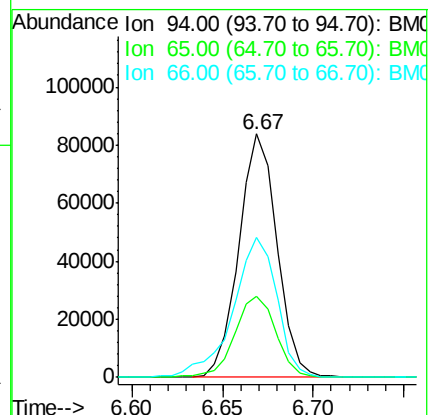
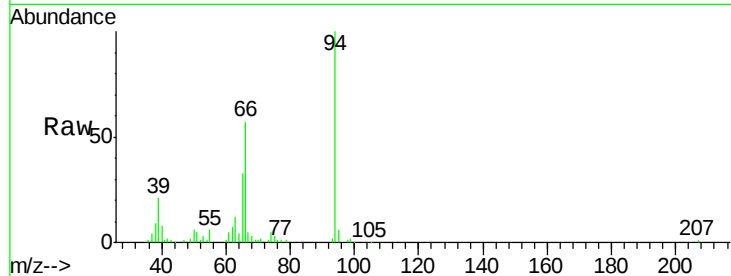
Tgt Ion: 94 Resp: 122815

Ion Ratio Lower Upper

94 100

65 33.3 28.2 42.4

66 57.4 47.2 70.8



#8

Bis(2-Chloroethyl)ether

Concen: 17.77 ng/ul

RT: 6.90 min Scan# 682

Delta R.T. -0.00 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

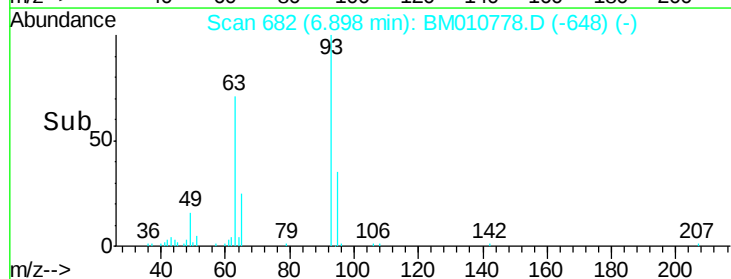
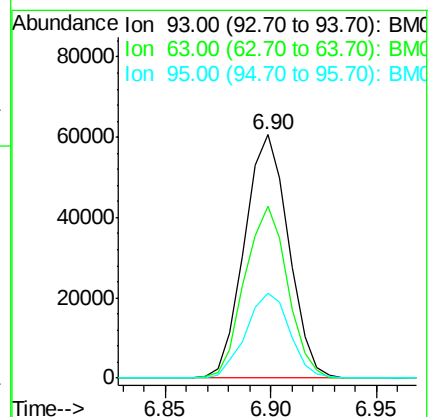
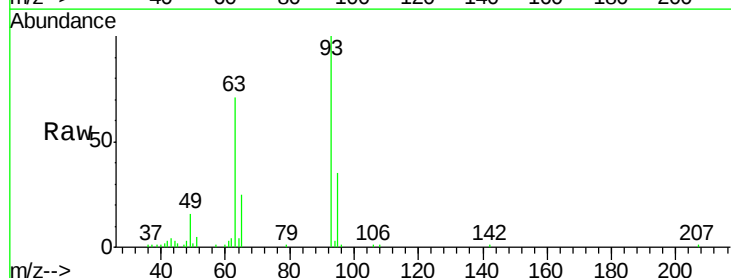
Tgt Ion: 93 Resp: 87795

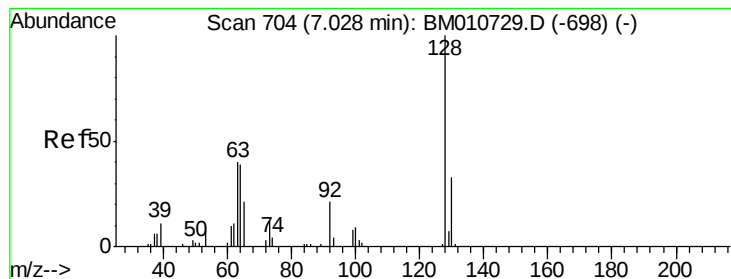
Ion Ratio Lower Upper

93 100

63 70.6 57.3 85.9

95 35.0 26.6 39.8





#10

2-Chlorophenol

Concen: 19.32 ng/ul

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

Instrument :

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ClientSampleId :

SSTD02008

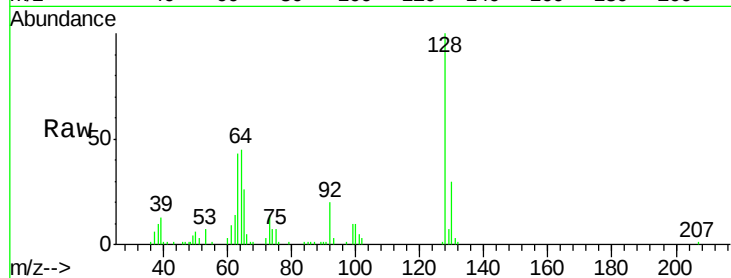
Tgt Ion:128 Resp: 89254

Ion Ratio Lower Upper

128 100

64 45.4 38.0 57.0

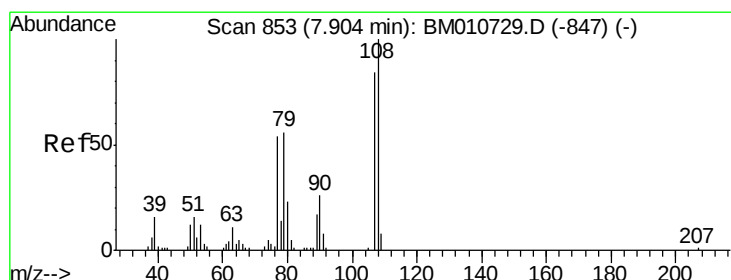
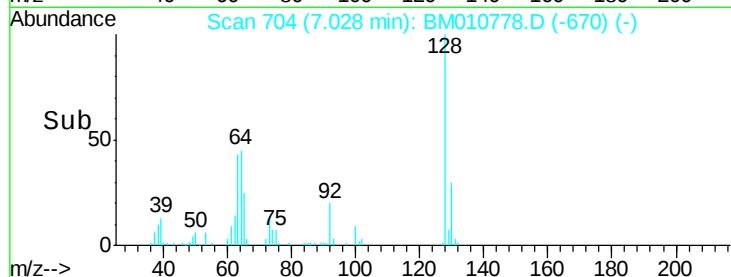
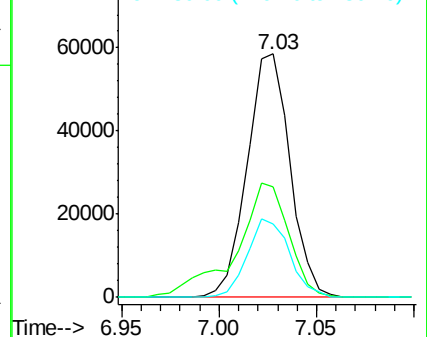
130 29.9 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM010778.D (-819) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.54 ng/ul

RT: 7.90 min Scan# 852

Delta R.T. -0.01 min

Lab File: BM010778.D

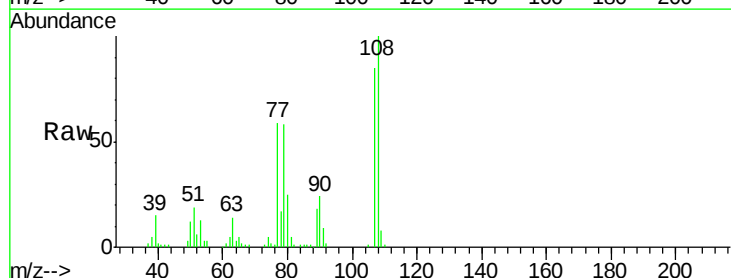
Acq: 30 Jun 2017 17:35

Tgt Ion:108 Resp: 95918

Ion Ratio Lower Upper

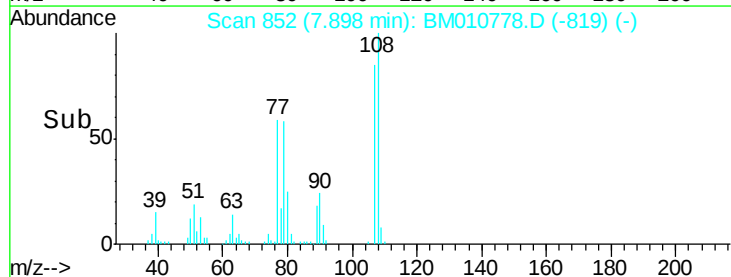
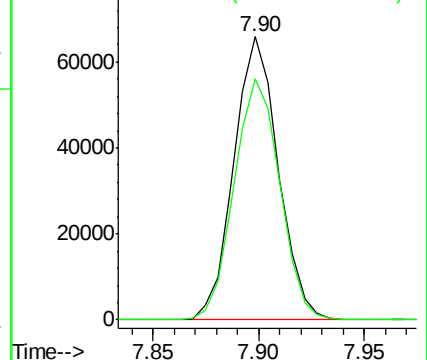
108 100

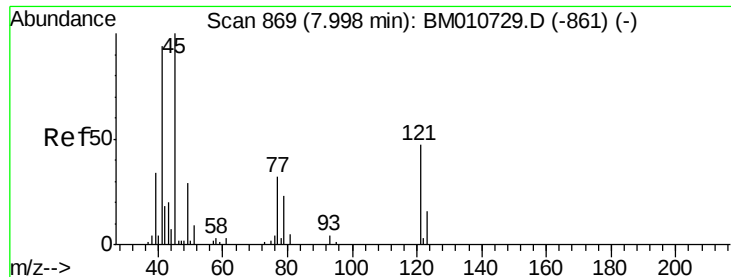
107 85.4 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

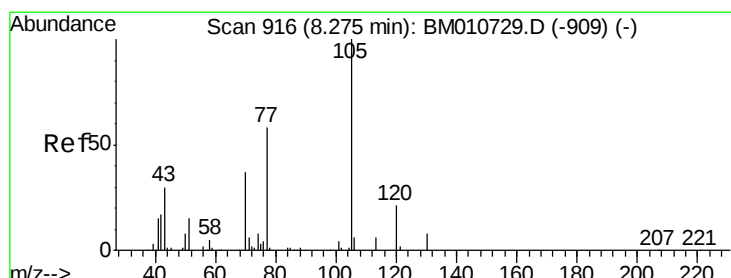
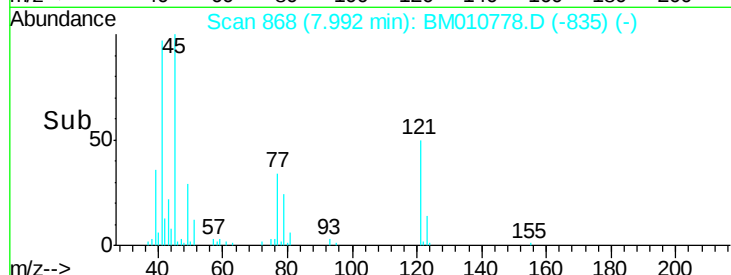
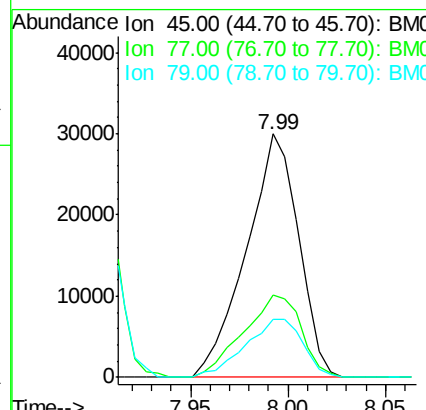
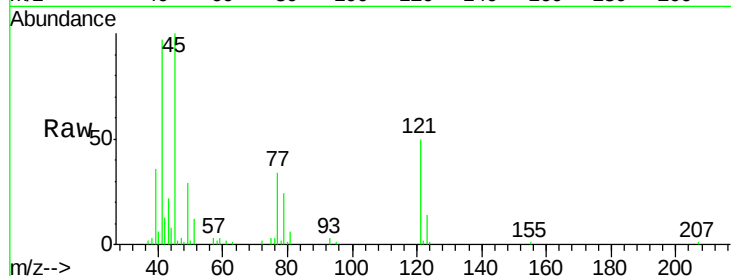




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 16.09 ng/ul
 RT: 7.99 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BM010778.D
 Acq: 30 Jun 2017 17:35

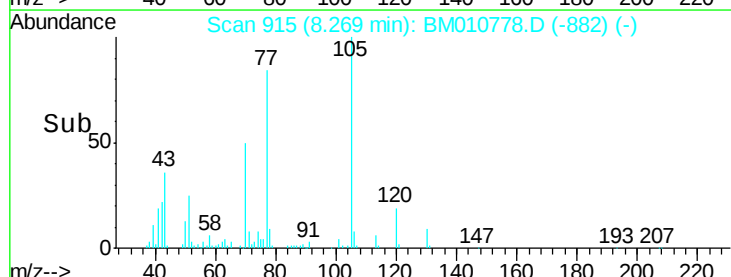
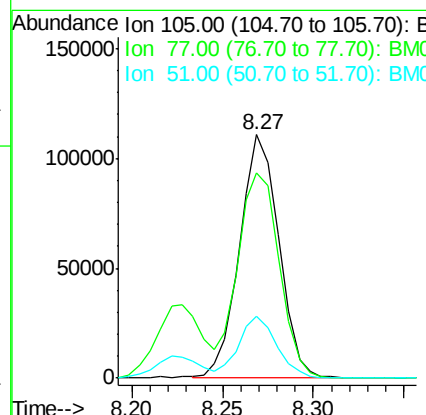
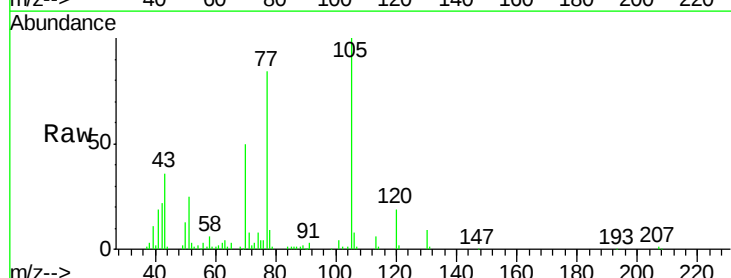
Instrument :
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 SSTD02008

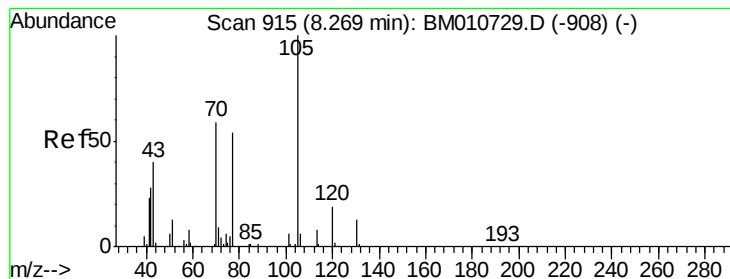
Tgt Ion: 45 Resp: 55479
 Ion Ratio Lower Upper
 45 100
 77 33.9 21.8 32.6#
 79 23.7 17.6 26.4



#14
 Acetophenone
 Concen: 18.77 ng/ul
 RT: 8.27 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BM010778.D
 Acq: 30 Jun 2017 17:35

Tgt Ion: 105 Resp: 167454
 Ion Ratio Lower Upper
 105 100
 77 84.2 74.2 111.4
 51 25.2 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 18.28 ng/ul

RT: 8.26 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

Instrument :

BNA_M

ClientSampleId :

SSTD02008

Tgt Ion: 70 Resp: 87854

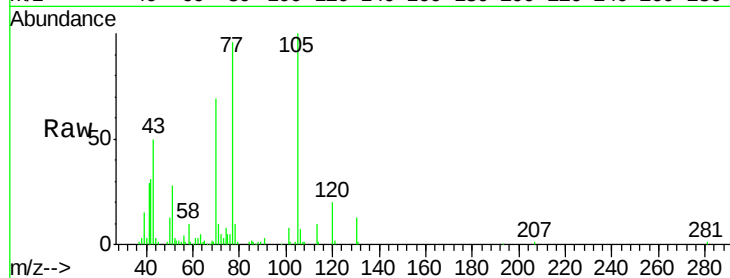
Ion Ratio Lower Upper

70 100

42 45.4 41.1 61.7

101 12.2 6.7 10.1#

130 18.3 14.6 22.0

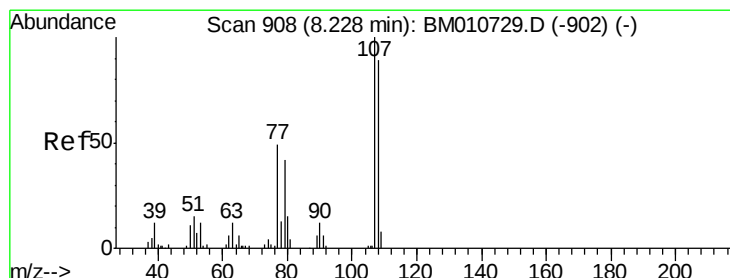
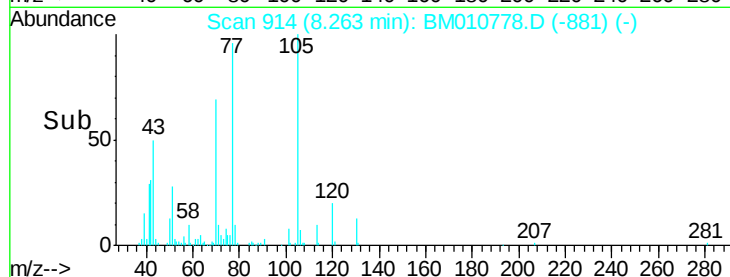
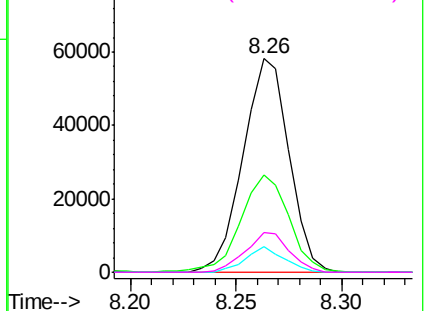


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 18.42 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.00 min

Lab File: BM010778.D

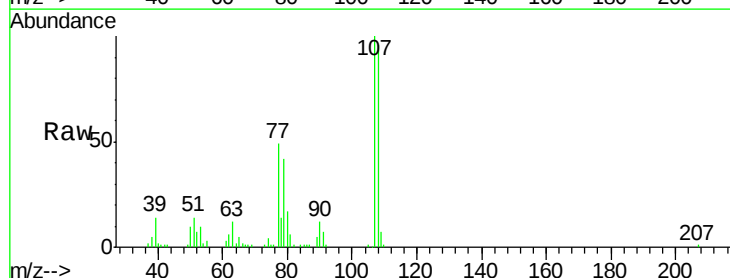
Acq: 30 Jun 2017 17:35

Tgt Ion: 108 Resp: 104827

Ion Ratio Lower Upper

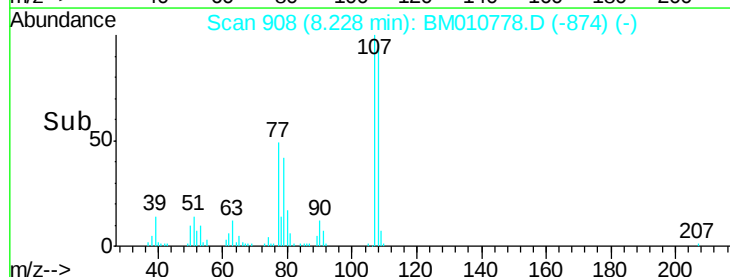
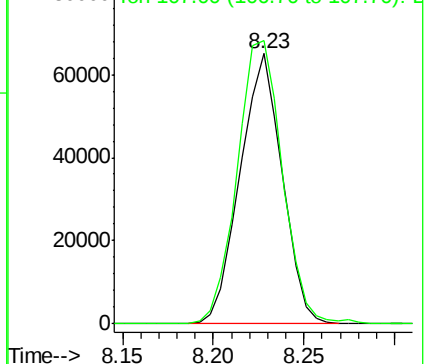
108 100

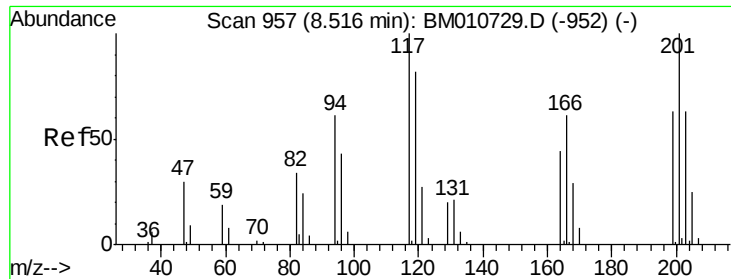
107 104.7 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

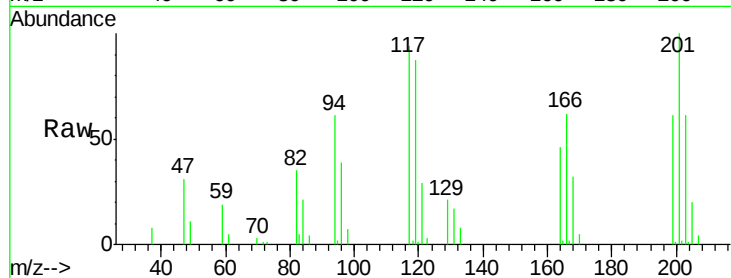




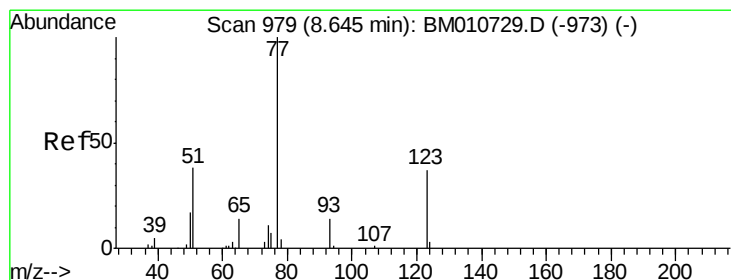
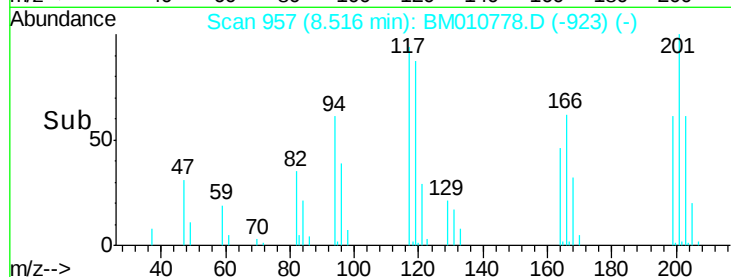
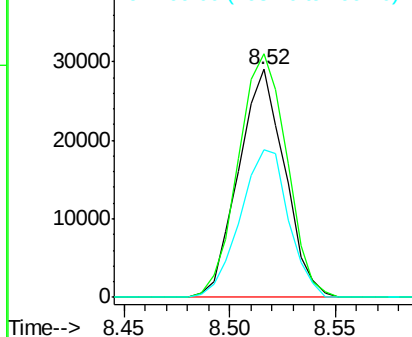
#17
Hexachloroethane
Concen: 21.47 ng/ul
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Tgt Ion:117 Resp: 44116
Ion Ratio Lower Upper
117 100
201 106.9 111.6 167.4#
199 64.9 67.8 101.6#

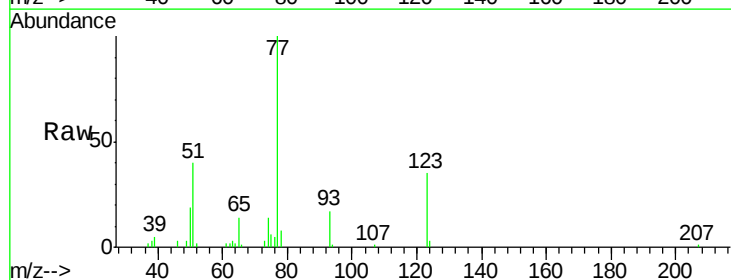


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

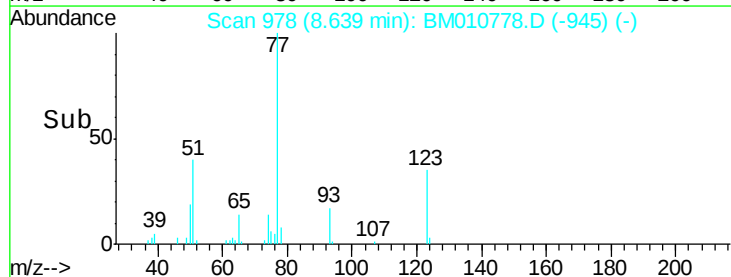
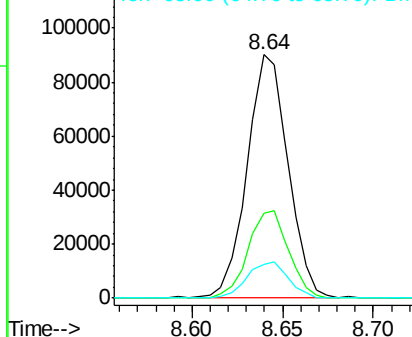


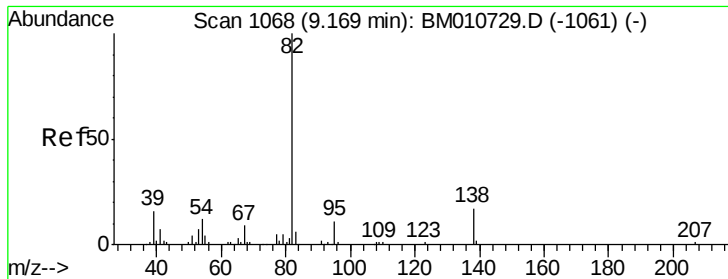
#20
Nitrobenzene
Concen: 21.71 ng/ul
RT: 8.64 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

Tgt Ion: 77 Resp: 141947
Ion Ratio Lower Upper
77 100
123 34.9 31.0 46.6
65 13.9 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

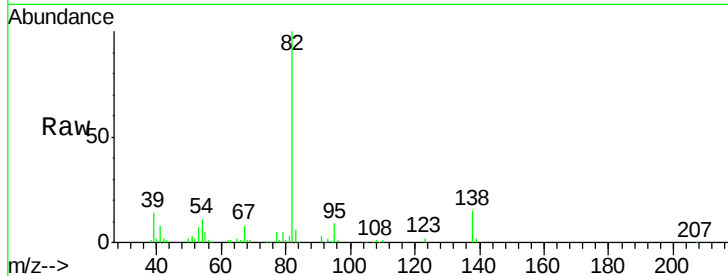




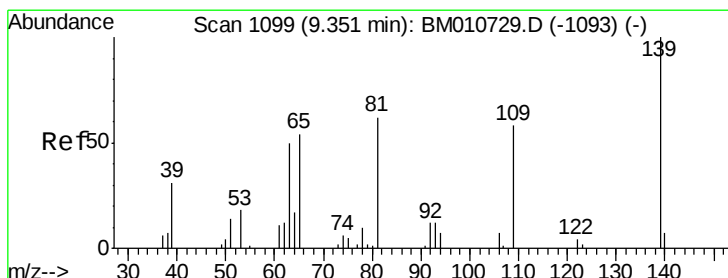
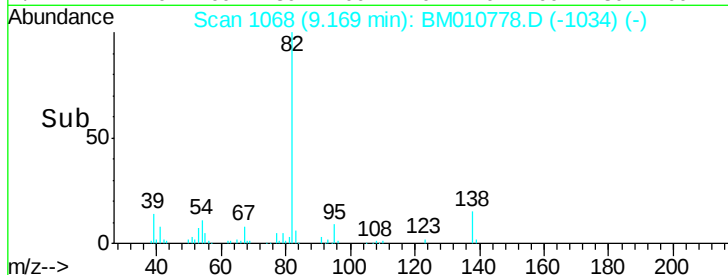
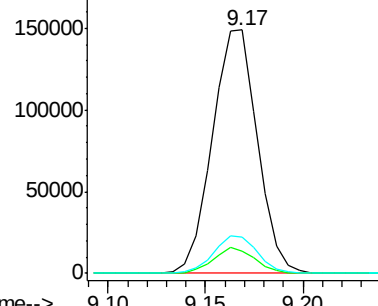
#21
Isophorone
Concen: 18.32 ng/ul
RT: 9.17 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.3	7.8	11.8
138	15.0	11.9	17.9

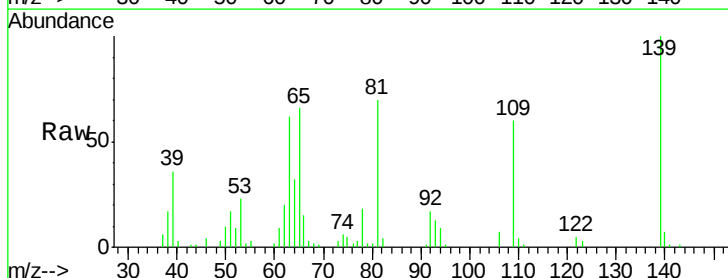


Abundance Ion 82.00 (81.70 to 82.70): BM010729.D (-1061) (-)
Ion 95.00 (94.70 to 95.70): BM010729.D (-1061) (-)
Ion 138.00 (137.70 to 138.70): BM010729.D (-1061) (-)

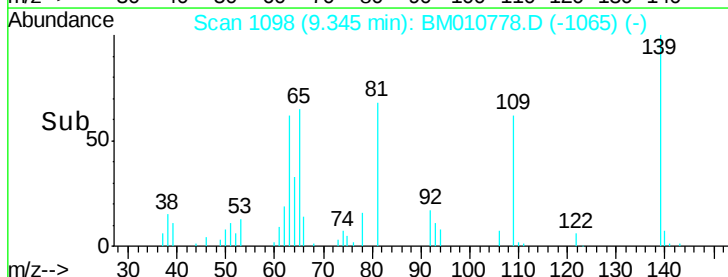
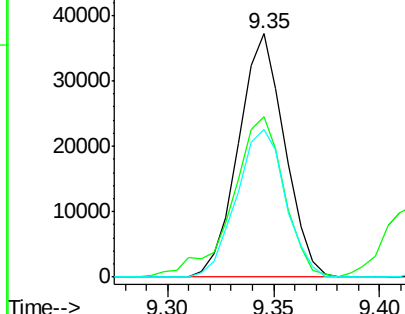


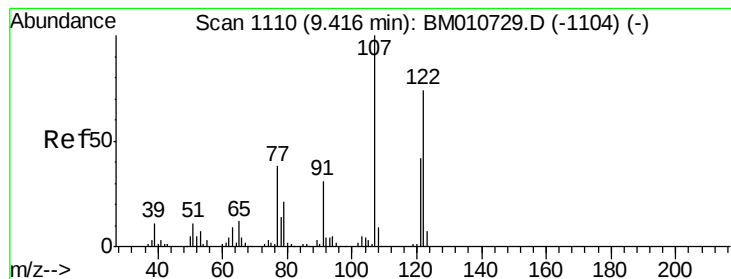
#23
2-Nitrophenol
Concen: 20.67 ng/ul
RT: 9.35 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

Tgt Ion	Ratio	Lower	Upper
139	100		
65	65.8	55.4	83.0
109	60.5	42.2	63.2



Abundance Ion 139.00 (138.70 to 139.70): BM010729.D (-1093) (-)
Ion 65.00 (64.70 to 65.70): BM010729.D (-1093) (-)
Ion 109.00 (108.70 to 109.70): BM010729.D (-1093) (-)





#24

2,4-Dimethylphenol

Concen: 20.22 ng/ul

RT: 9.41 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

Instrument :

BNA_M

ClientSampleId :

SSTD02008

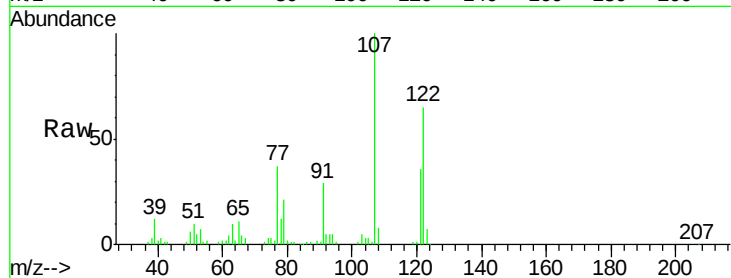
Tgt Ion: 107 Resp: 140873

Ion Ratio Lower Upper

107 100

121 36.5 31.9 47.9

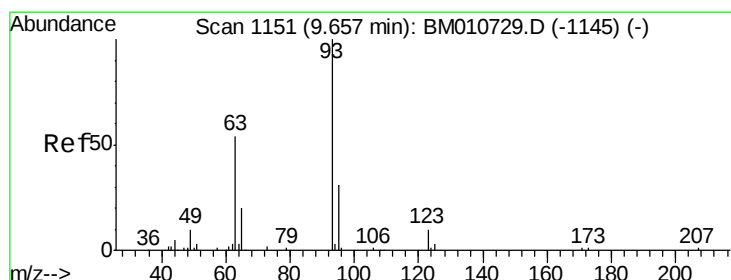
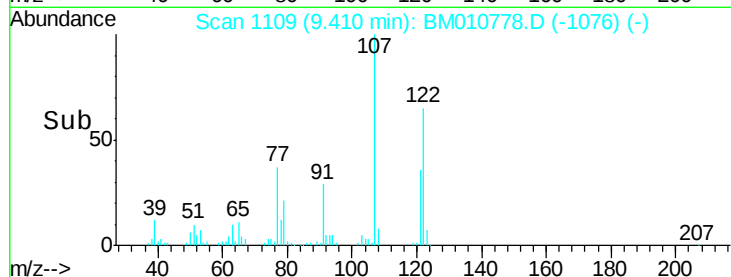
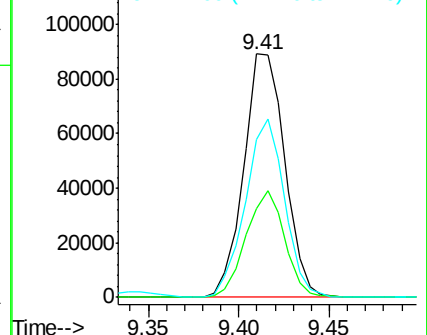
122 65.1 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.73 ng/ul

RT: 9.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

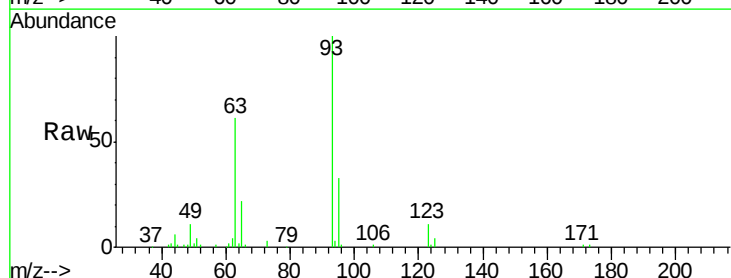
Tgt Ion: 93 Resp: 135034

Ion Ratio Lower Upper

93 100

95 32.9 28.5 42.7

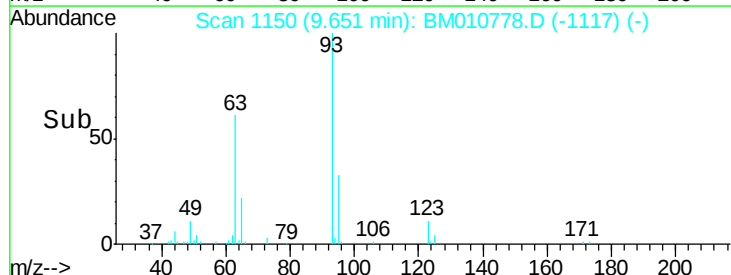
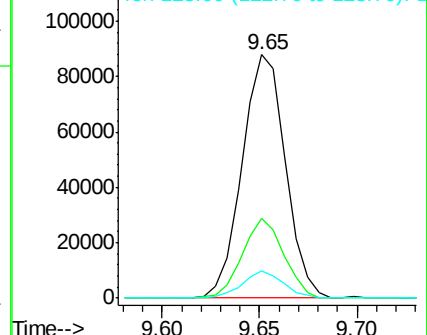
123 11.2 8.9 13.3

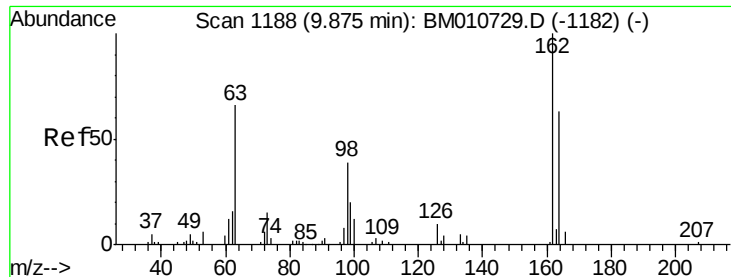


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

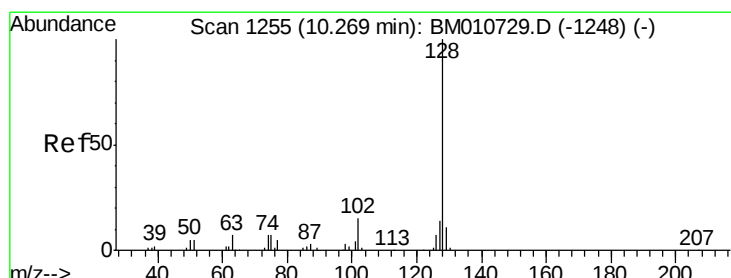
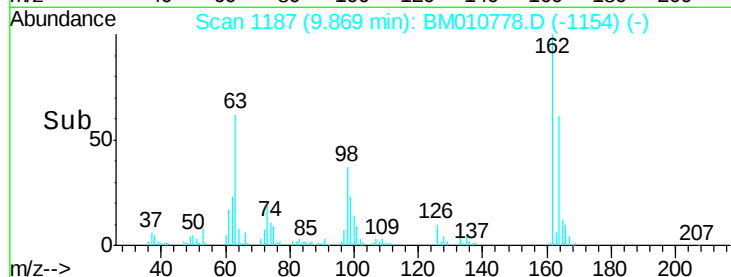
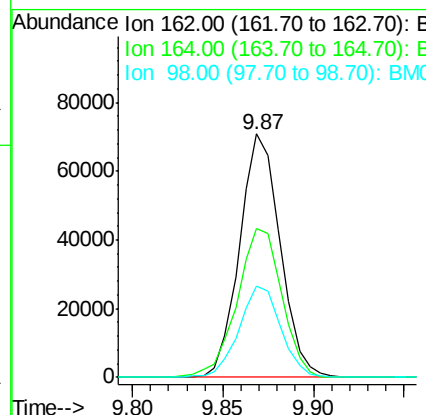
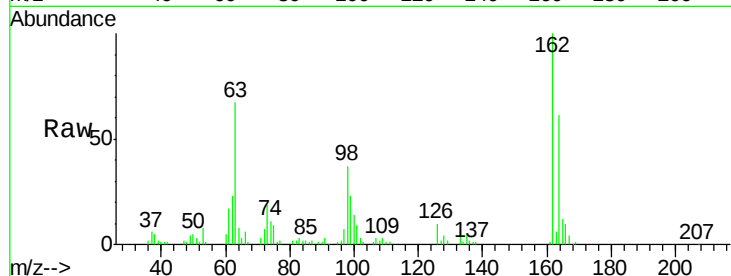




#27
2,4-Dichlorophenol
Concen: 20.83 ng/ul
RT: 9.87 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

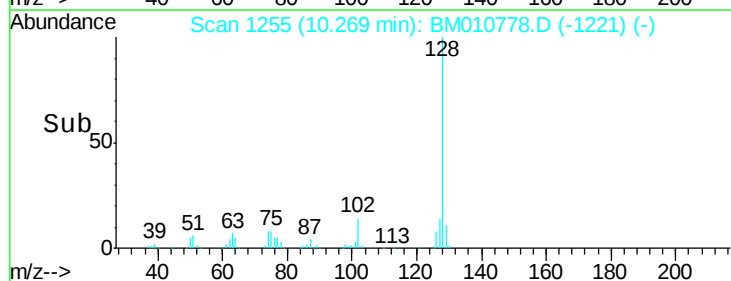
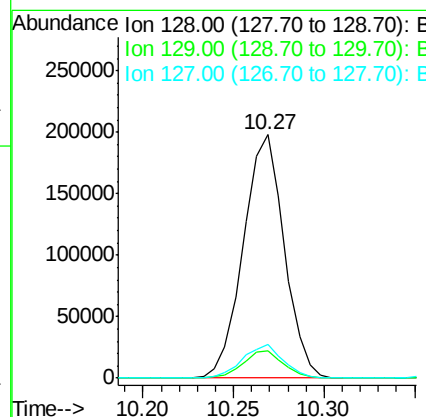
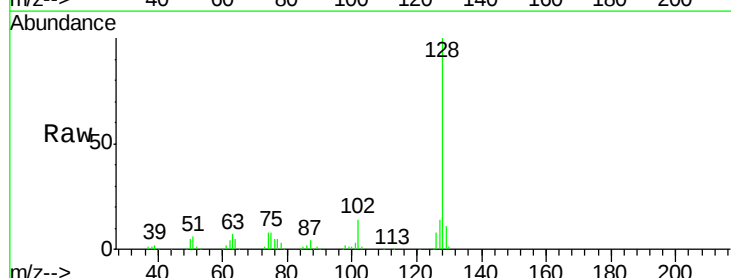
Instrument :
BNA_M
ClientSampleId :
SSTD02008

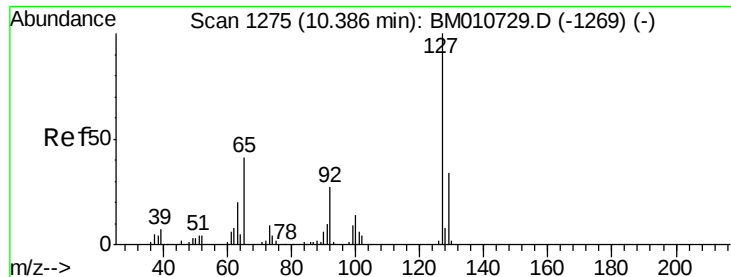
Tgt Ion:162 Resp: 110205
Ion Ratio Lower Upper
162 100
164 61.1 47.8 71.6
98 37.5 23.0 34.4#



#28
Naphthalene
Concen: 19.83 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

Tgt Ion:128 Resp: 310083
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.8 10.6 16.0

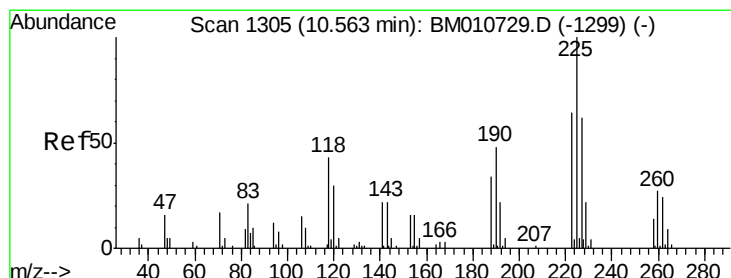
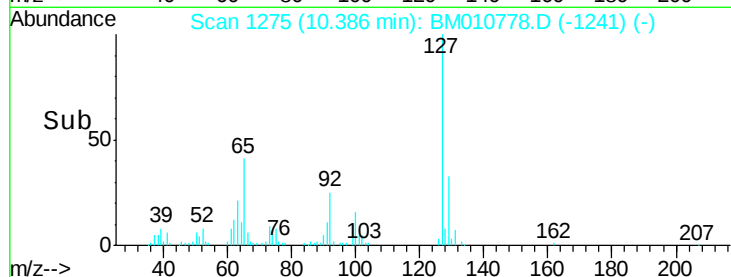
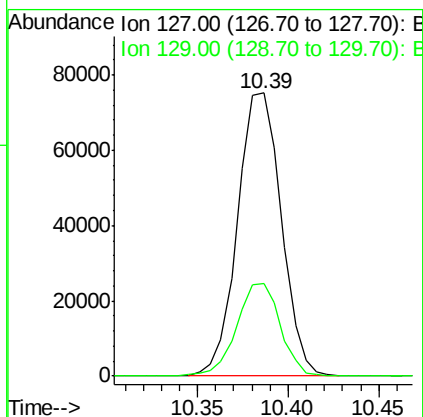
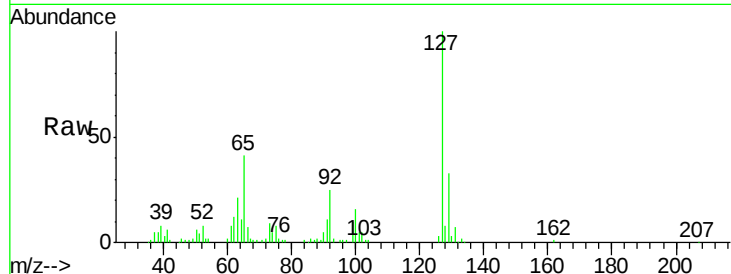




#30
4-Chloroaniline
Concen: 22.01 ng/ul
RT: 10.39 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

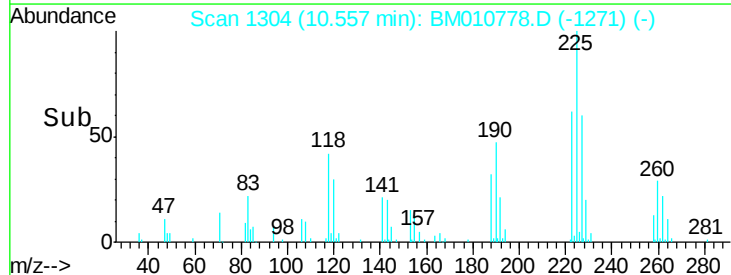
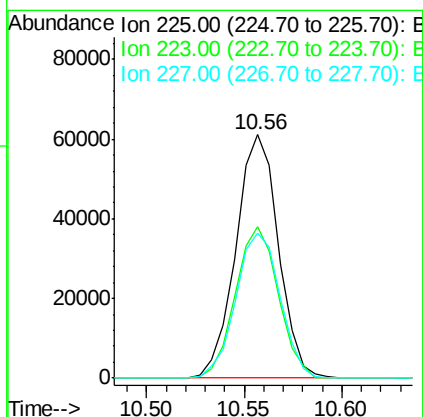
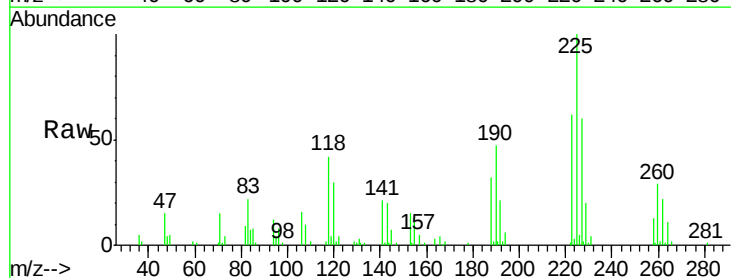
Instrument :
BNA_M
ClientSampleId :
SSTD02008

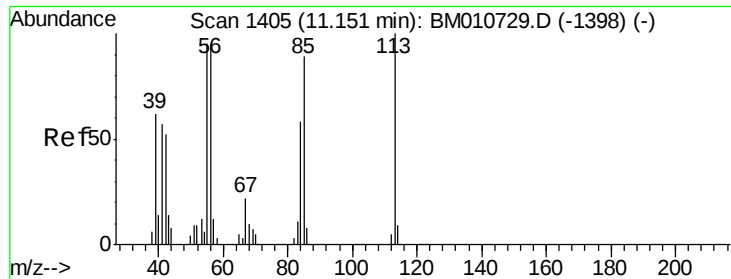
Tgt Ion:127 Resp: 126780
Ion Ratio Lower Upper
127 100
129 32.7 28.4 42.6



#31
Hexachlorobutadiene
Concen: 23.12 ng/ul
RT: 10.56 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BM010778.D
Acq: 30 Jun 2017 17:35

Tgt Ion:225 Resp: 92269
Ion Ratio Lower Upper
225 100
223 62.0 49.4 74.2
227 61.5 45.4 68.2





#32

Caprolactam

Concen: 11.34 ng/ul

RT: 11.15 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

Instrument :

BNA_M

ClientSampleId :

SSTD02008

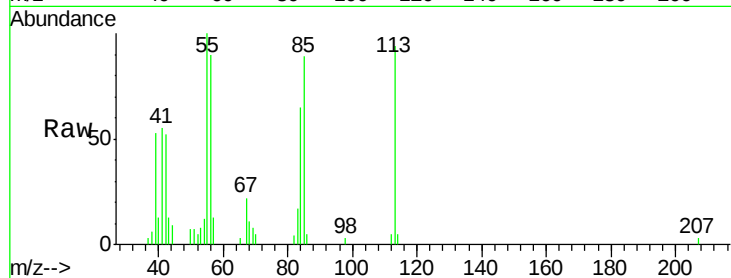
Tgt Ion:113 Resp: 21064

Ion Ratio Lower Upper

113 100

55 106.0 94.8 142.2

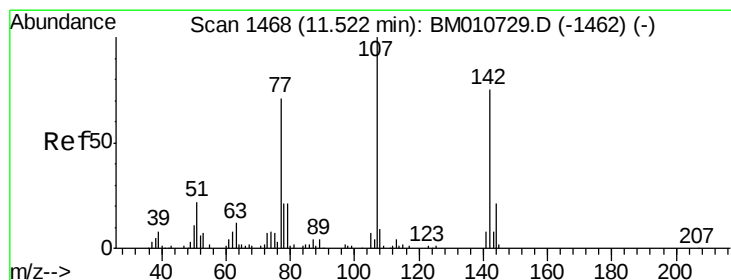
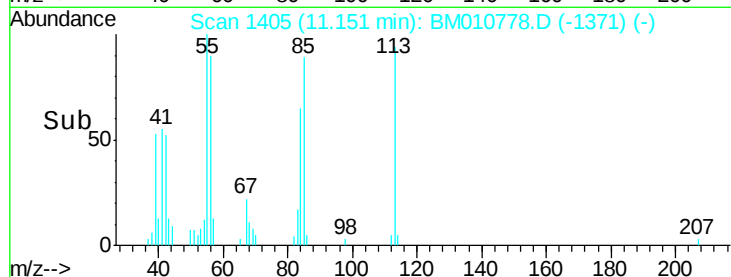
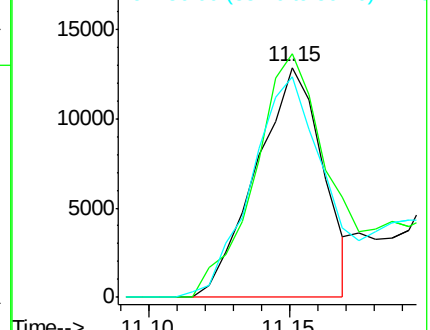
56 95.9 86.0 129.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.75 ng/ul

RT: 11.52 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

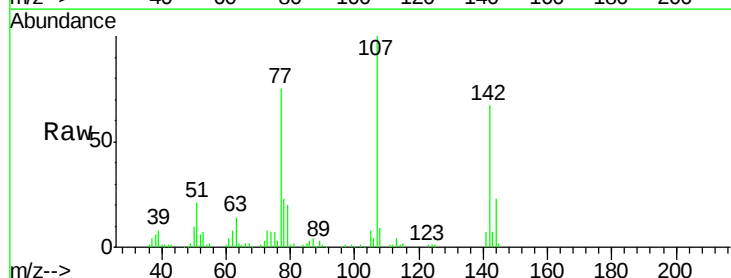
Tgt Ion:107 Resp: 133298

Ion Ratio Lower Upper

107 100

144 23.2 20.4 30.6

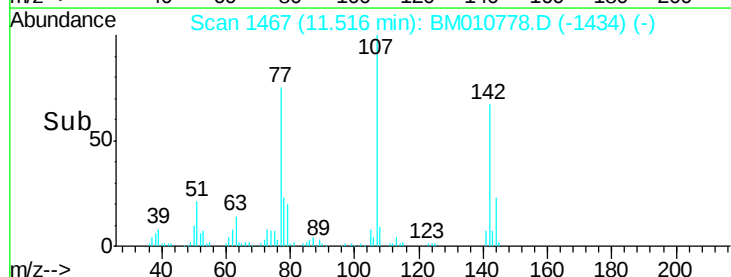
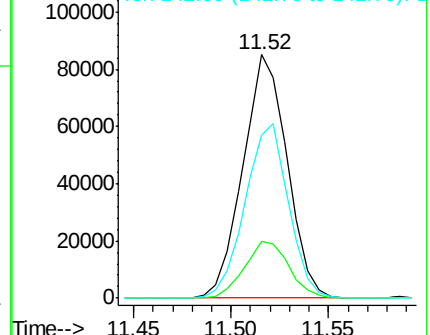
142 67.2 60.5 90.7

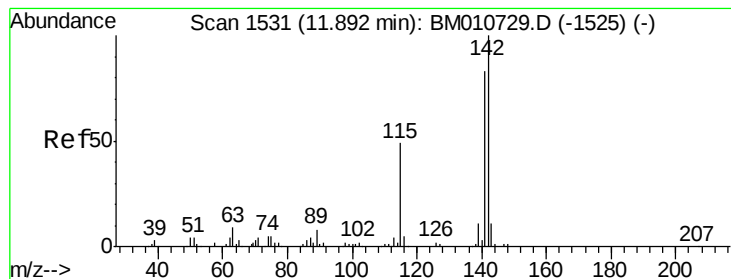


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.68 ng/ul

RT: 11.89 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

Instrument :

BNA_M

ClientSampleId :

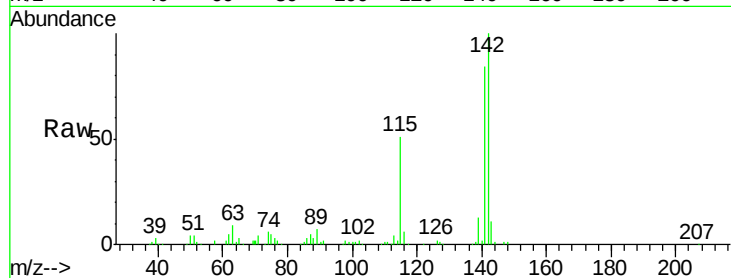
SSTD02008

Tgt Ion:142 Resp: 259845

Ion Ratio Lower Upper

142 100

141 84.3 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.89

150000

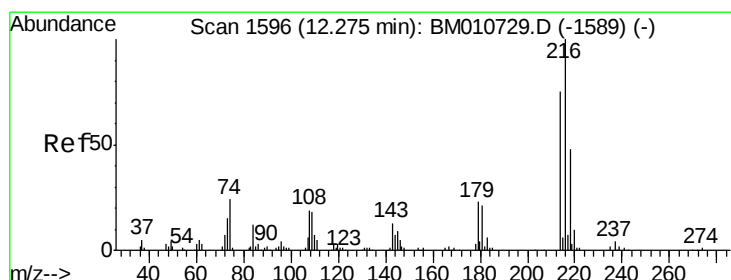
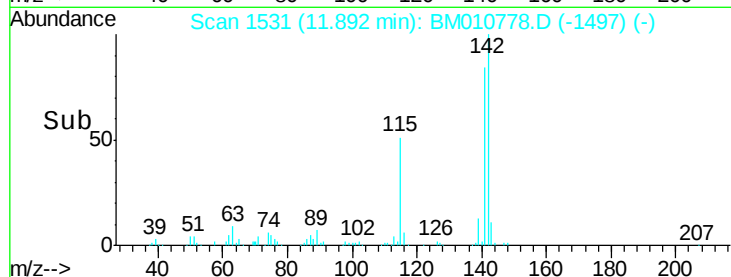
100000

50000

0

Time-->

11.85 11.90 11.95



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.20 ng/ul

RT: 12.27 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BM010778.D

Acq: 30 Jun 2017 17:35

Tgt Ion:216 Resp: 173187

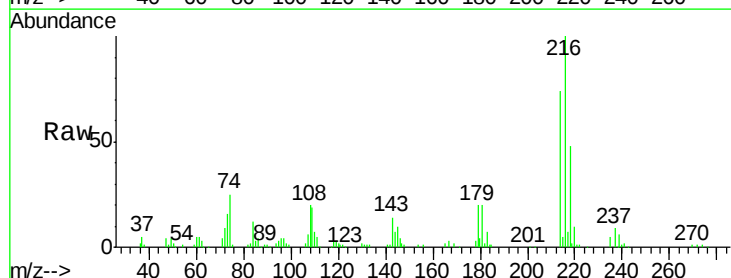
Ion Ratio Lower Upper

216 100

214 74.3 60.6 90.8

179 20.4 17.5 26.3

108 19.8 11.3 16.9#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.27

150000

100000

50000

0

Time-->

12.20 12.25 12.30

