

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
 Data File : BM023681.D
 Acq On : 13 Nov 2019 01:38
 Operator : JU
 Sample : K5579-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 06:51:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 05:56:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	539823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	2354351	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1548913	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	3000240	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2017091	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2212587	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	88085	6.73	ng/uL	0.00
5) Phenol-d5	6.80	99	481794	9.79	ng/ul	0.08
7) Bis-(2-Chloroethyl)ether-d	6.89	67	875063	30.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	1126938	31.61	ng/ul	0.03
13) 4-Methylphenol-d8	8.29	113	817692	20.83	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	646462	38.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	778058	43.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	1412538	34.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	9457	0.21	ng/ul	0.01
44) Dimethylphthalate-d6	13.63	166	4288704	35.51	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	4688068	34.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	816	0.04	ng/ul	0.00
58) Fluorene-d10	15.20	176	3580378	33.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	693040	39.93	ng/ul	0.00
71) Anthracene-d10	17.05	188	5043361	35.44	ng/ul	0.00
79) Pyrene-d10	19.35	212	4518067	42.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	4216965	36.22	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	136175	9.705	ng/uL 95
4) Benzaldehyde	6.70	77	132912	4.604	ng/ul# 1
6) Phenol	6.83	94	787709	15.539	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.99	93	225707	5.814	ng/ul 97
10) 2-Chlorophenol	7.15	128	51637	1.405	ng/ul 99
11) 2-Methylphenol	8.06	108	121194	3.203	ng/ul 92
12) 2,2'-oxybis(1-Chloropropan	8.12	45	46990	1.241	ng/ul# 47
14) Acetophenone	8.36	105	555486	9.074	ng/ul# 47
15) N-Nitroso-di-n-propylamine	8.41	70	229192	7.126	ng/ul# 73
16) 4-Methylphenol	8.35	108	189638	4.527	ng/ul 94
20) Nitrobenzene	8.72	77	84808	1.903	ng/ul# 37
21) Isophorone	9.27	82	332884	3.830	ng/ul# 79
24) 2,4-Dimethylphenol	9.54	107	1769894	39.311	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.76	93	1605962	29.442	ng/ul# 1
28) Naphthalene	10.37	128	1215492	9.823	ng/ul 98
30) 4-Chloroaniline	10.45	127	239421	5.252	ng/ul 94
32) Caprolactam	11.29	113	19646	1.560	ng/ul# 1
33) 4-Chloro-3-methylphenol	11.70	107	1931004	44.782	ng/ul# 20
35) 1-Methylnaphthalene	12.22	142	115561	1.238	ng/ul# 20
45) Dimethylphthalate	13.67	163	172579	1.458	ng/ul# 91
57) Diethylphthalate	15.05	149	5256439	45.254	ng/ul 99
68) Atrazine	16.45	200	73100	2.217	ng/ul# 44

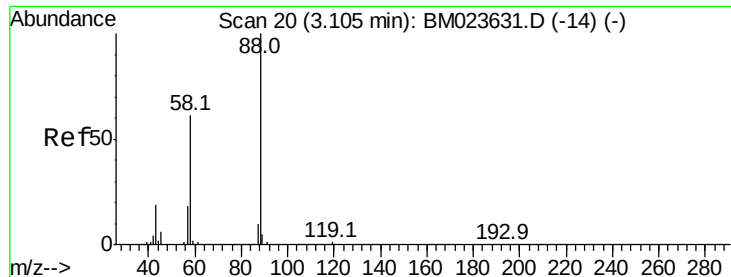
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023681.D
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 05:56:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 9.705 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

Instrument :

BNA_M

ClientSampleId :

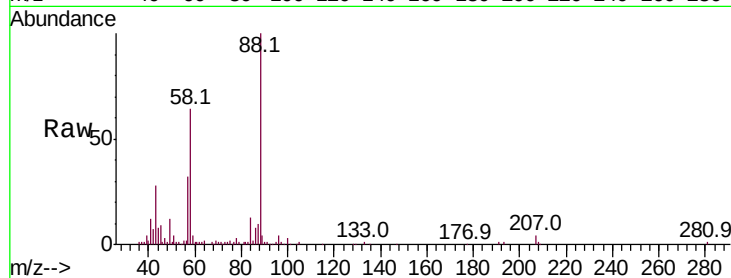
Tot Ion: 88 Resp: 136175

Ion Ratio Lower Upper

88 100

43 27.8 18.9 28.3

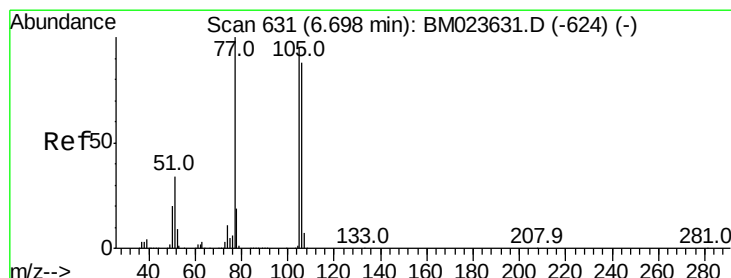
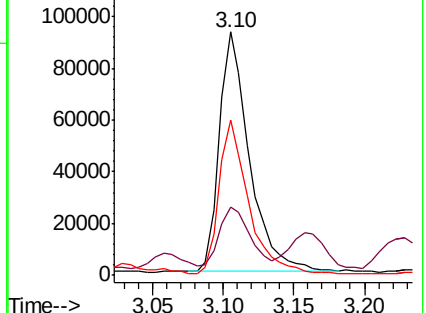
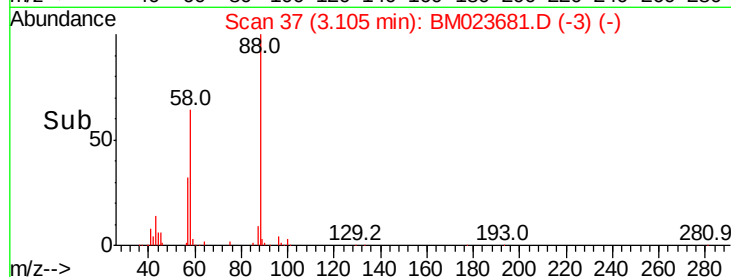
58 63.9 49.1 73.7



Abundance Ion 88.00 (87.70 to 88.70): BM023681.D (-3) (-)

Ion 43.00 (42.70 to 43.70): BM023681.D (-3) (-)

Ion 58.00 (57.70 to 58.70): BM023681.D (-3) (-)



#4

Benzaldehyde

Concen: 4.604 ng/uL

RT: 6.70 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

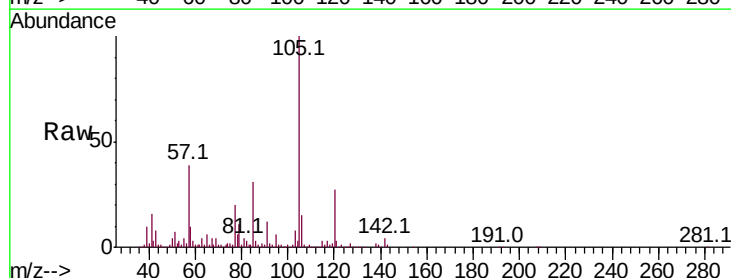
Tgt Ion: 77 Resp: 132912

Ion Ratio Lower Upper

77 100

105 506.6 75.9 113.9#

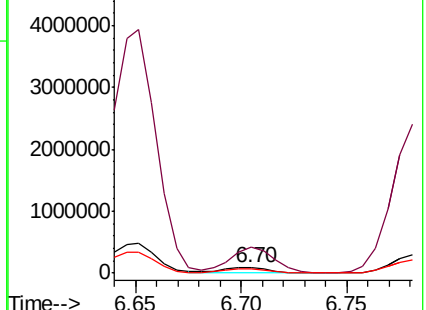
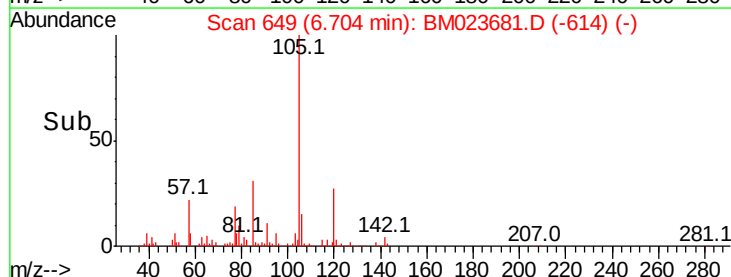
106 78.5 70.2 105.4

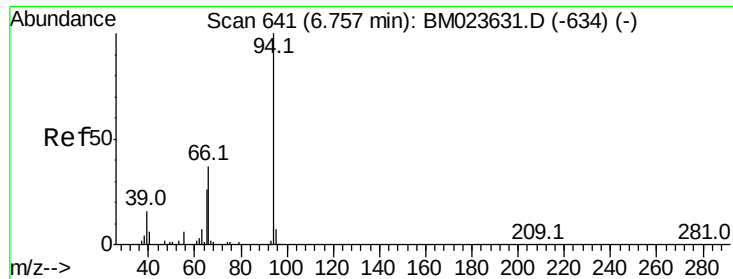


Abundance Ion 77.00 (76.70 to 77.70): BM023681.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM023681.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM023681.D (-614) (-)





#6

Phenol

Concen: 15.539 ng/ul

RT: 6.83 min Scan# 671

Delta R.T. 0.08 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

Instrument :

BNA_M

ClientSampleId :

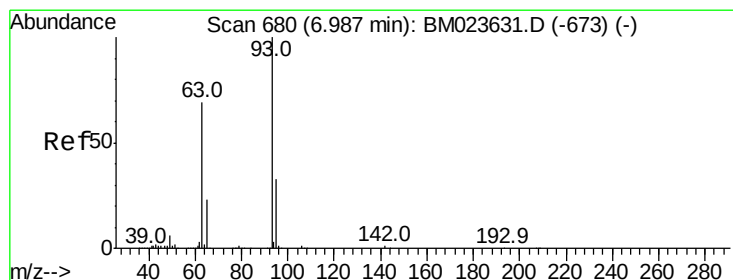
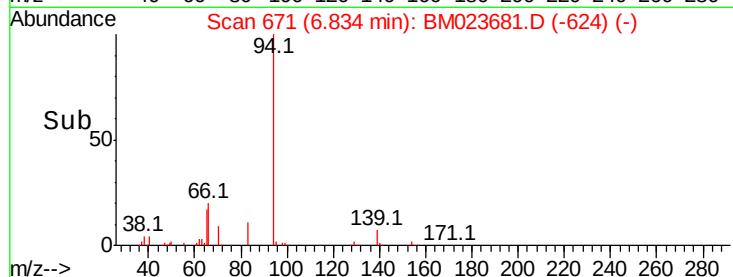
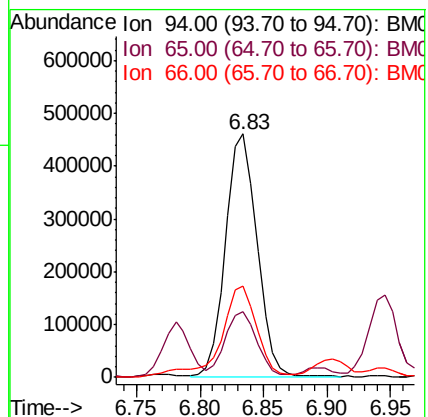
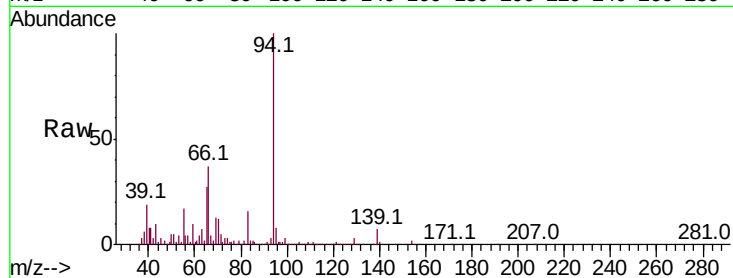
Tot Ion: 94 Resp: 787709

Ion Ratio Lower Upper

94 100

65 27.0 21.4 32.2

66 37.3 30.7 46.1



#8

Bis(2-Chloroethyl)ether

Concen: 5.814 ng/ul

RT: 6.99 min Scan# 697

Delta R.T. 0.01 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

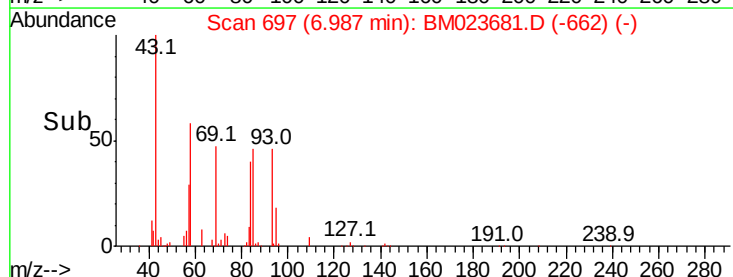
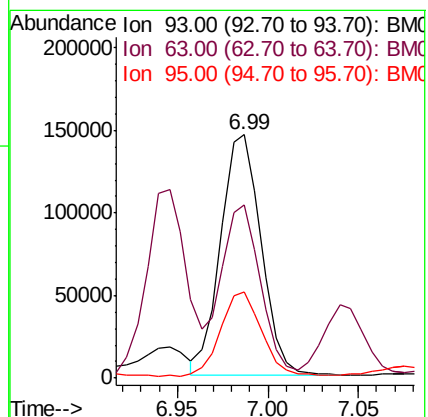
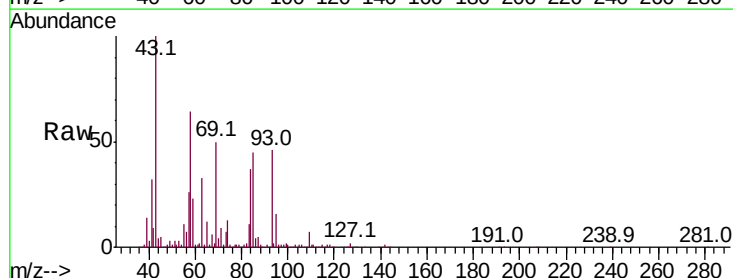
Tgt Ion: 93 Resp: 225707

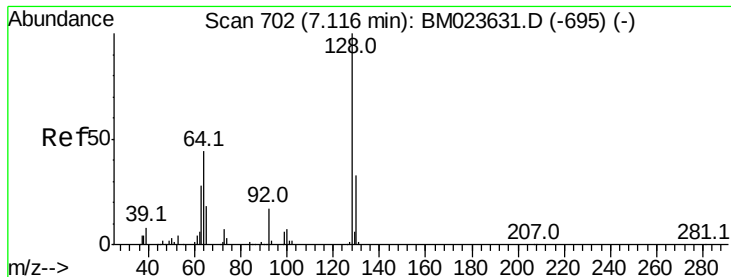
Ion Ratio Lower Upper

93 100

63 70.9 55.4 83.0

95 35.5 26.2 39.4

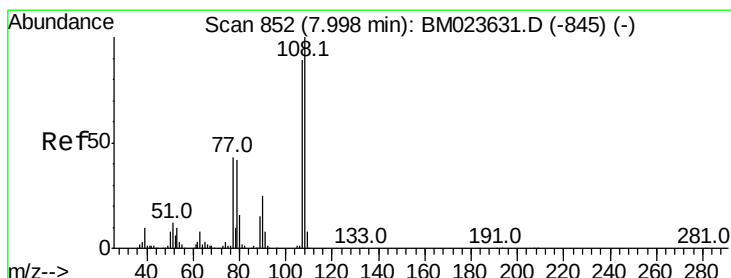
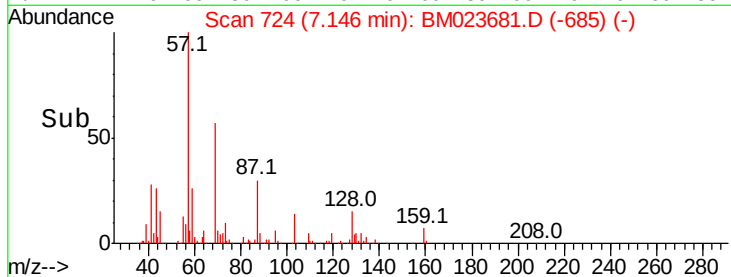
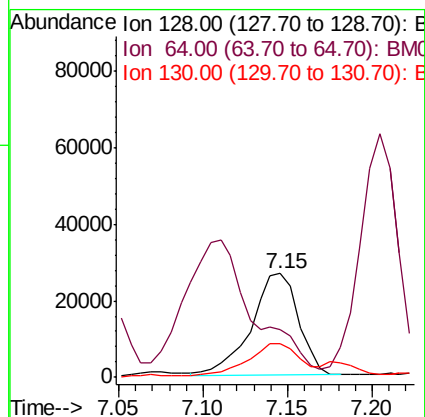
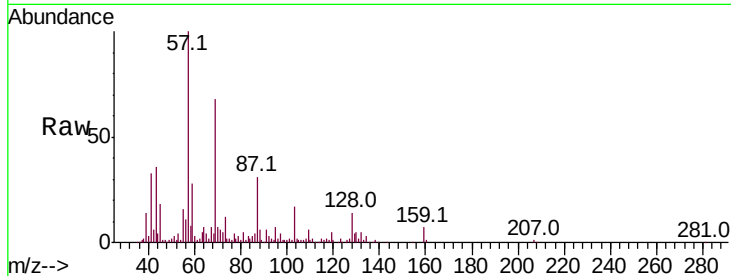




#10
2-Chlorophenol
Concen: 1.405 ng/ul
RT: 7.15 min Scan# 724
Delta R.T. 0.03 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

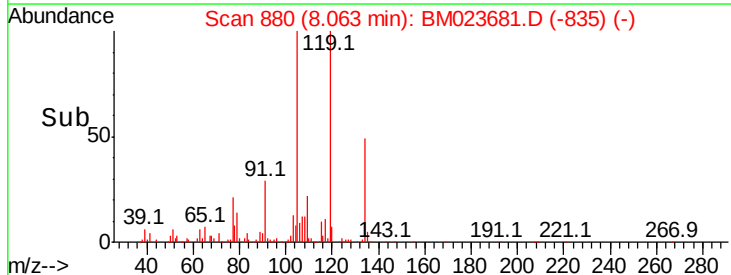
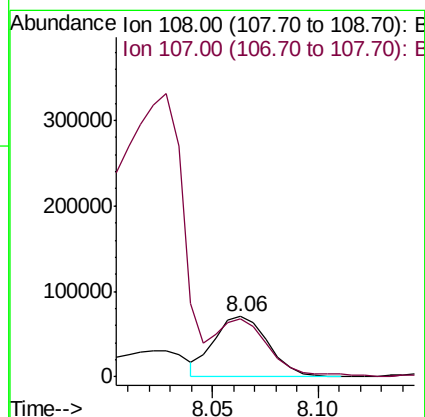
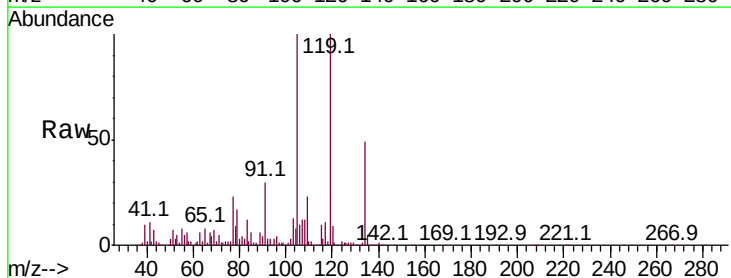
Instrument :
BNA_M
ClientSampleId :

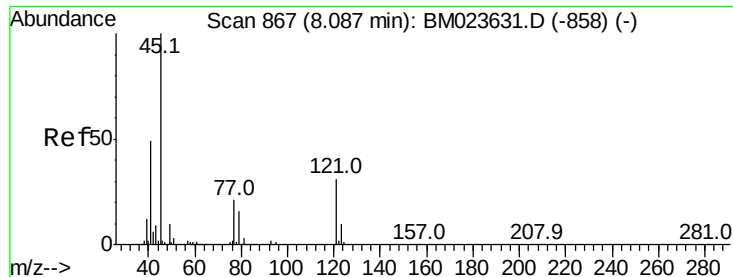
Tot Ion	Ratio	Lower	Upper
128	100		
64	46.1	38.1	57.1
130	32.9	26.4	39.6



#11
2-Methylphenol
Concen: 3.203 ng/ul
RT: 8.06 min Scan# 880
Delta R.T. 0.06 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Tgt Ion	Ratio	Lower	Upper
108	100		
107	97.2	71.4	107.2

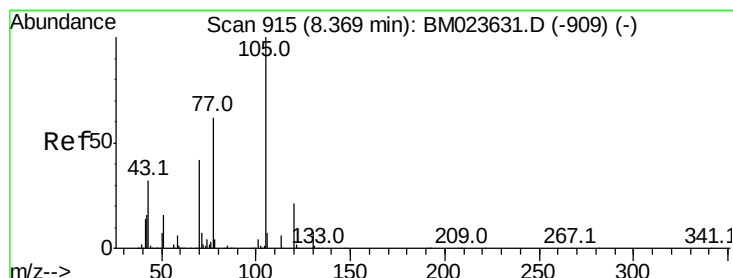
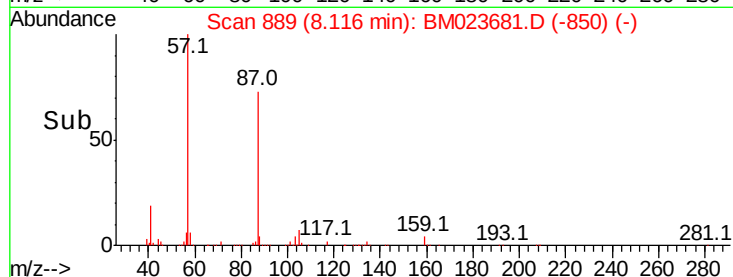
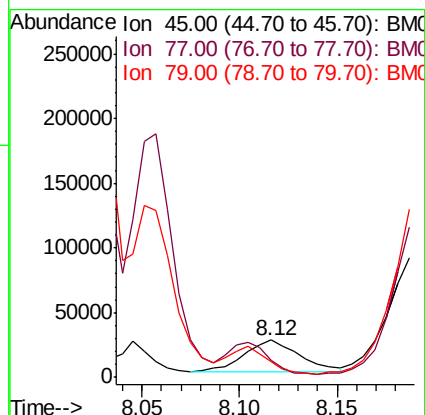
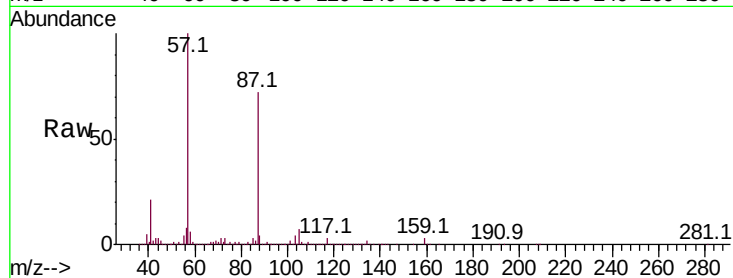




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 1.241 ng/ul
RT: 8.12 min Scan# 889
Delta R.T. 0.03 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

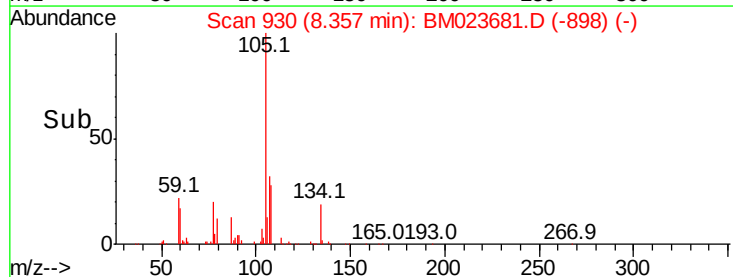
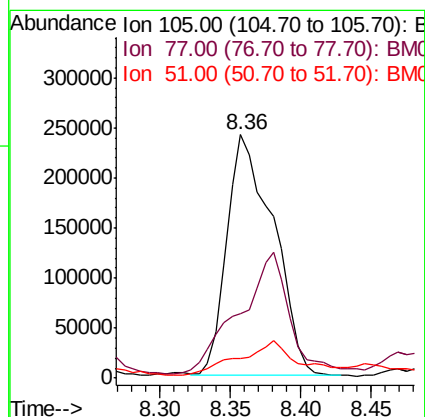
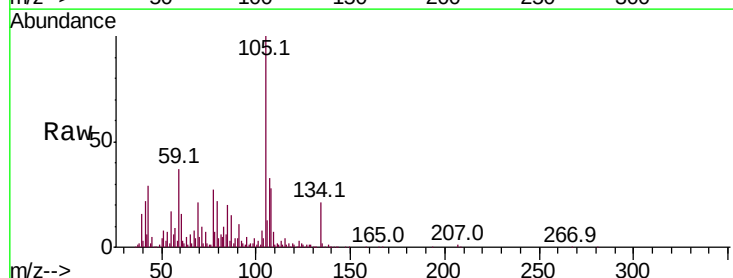
Instrument :
BNA_M
ClientSampled :

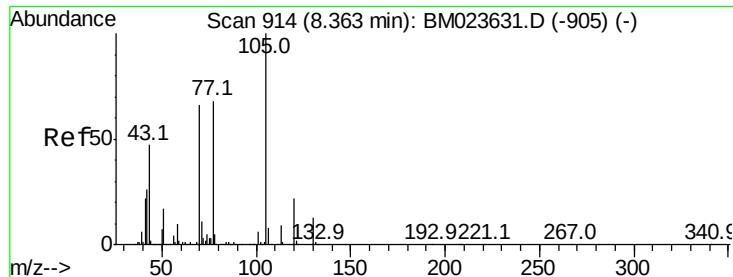
Tot Ion: 45 Resp: 46990
Ion Ratio Lower Upper
45 100
77 46.1 17.4 26.0#
79 41.3 13.9 20.9#



#14
Acetophenone
Concen: 9.074 ng/ul
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Tgt Ion: 105 Resp: 555486
Ion Ratio Lower Upper
105 100
77 26.7 63.8 95.6#
51 8.0 16.3 24.5#





#15

N-Nitroso-di-n-propylamine

Concen: 7.126 ng/ul

RT: 8.41 min Scan# 939

Delta R.T. 0.05 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 229192

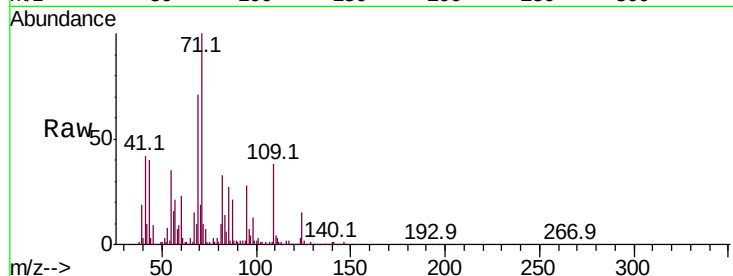
Ion Ratio Lower Upper

70 100

42 53.4 32.1 48.1#

101 16.1 7.4 11.2#

130 0.6 15.8 23.6#

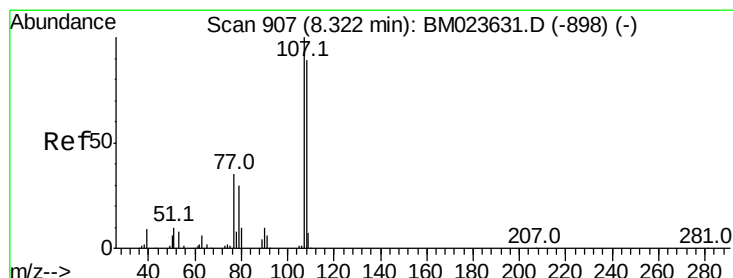
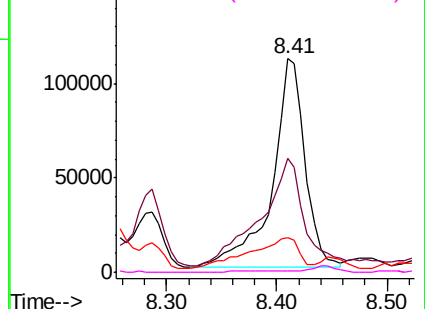
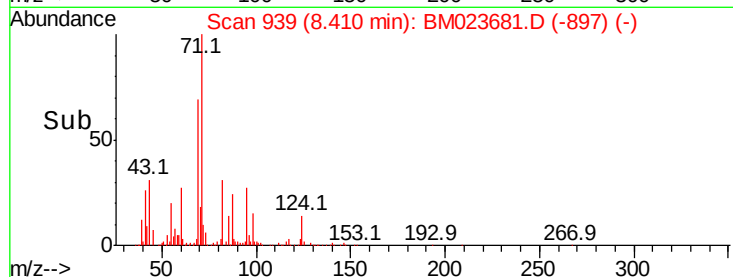


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 4.527 ng/ul

RT: 8.35 min Scan# 928

Delta R.T. 0.02 min

Lab File: BM023681.D

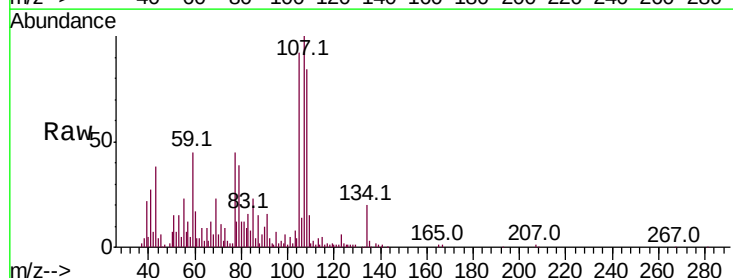
Acq: 13 Nov 2019 01:38

Tgt Ion:108 Resp: 189638

Ion Ratio Lower Upper

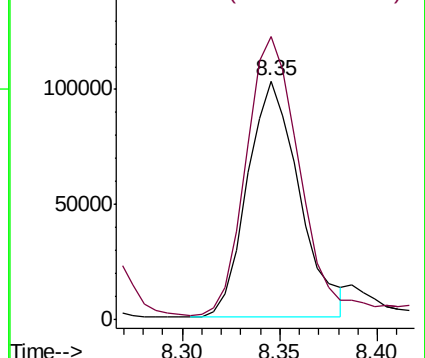
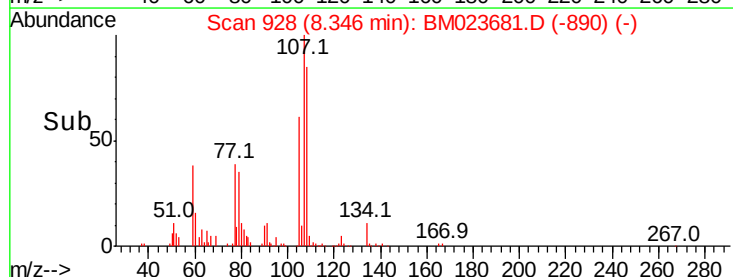
108 100

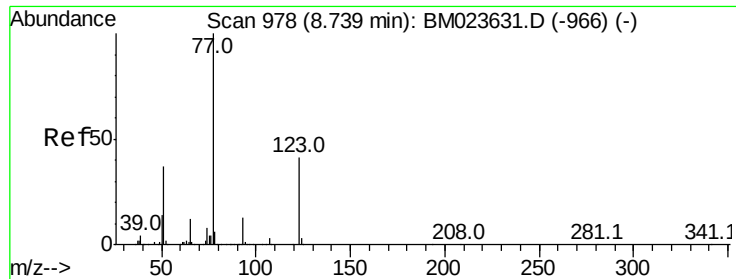
107 118.6 89.8 134.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

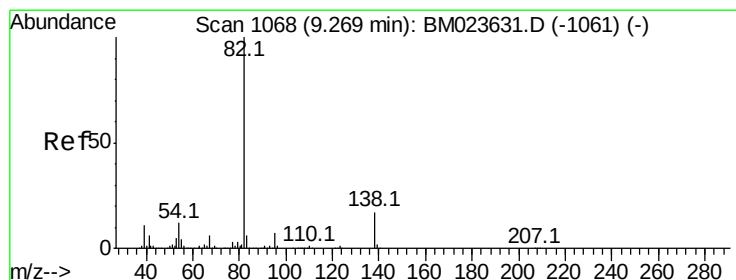
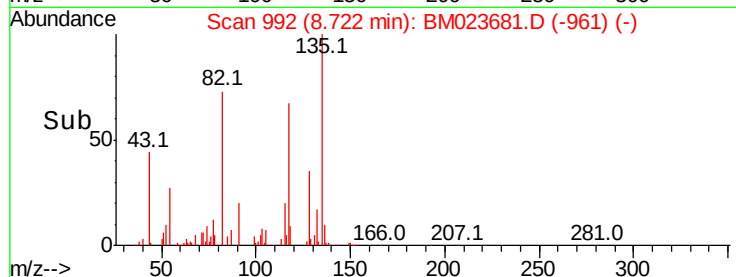
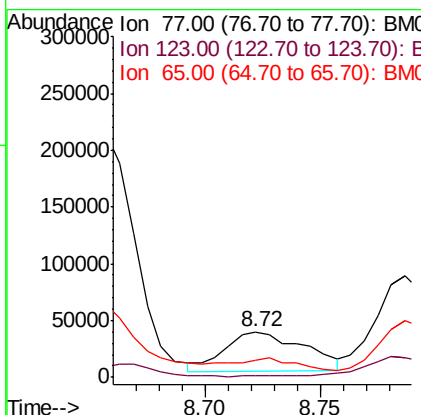
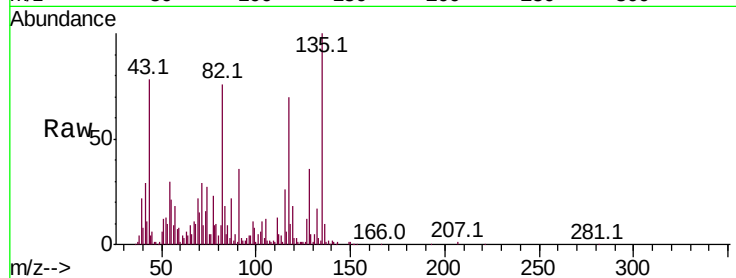




#20
Nitrobenzene
Concen: 1.903 ng/ul
RT: 8.72 min Scan# 992
Delta R.T. -0.02 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

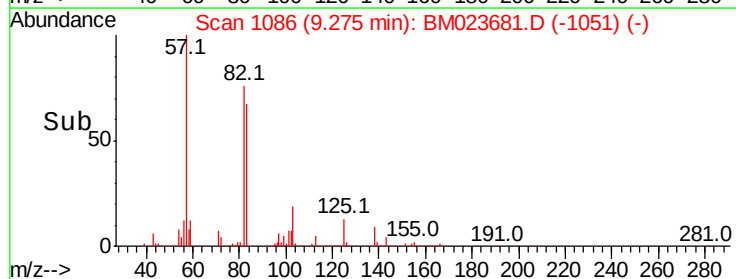
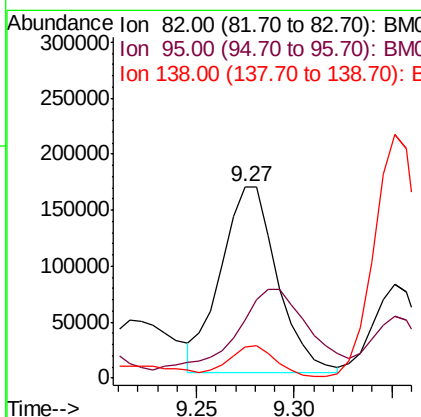
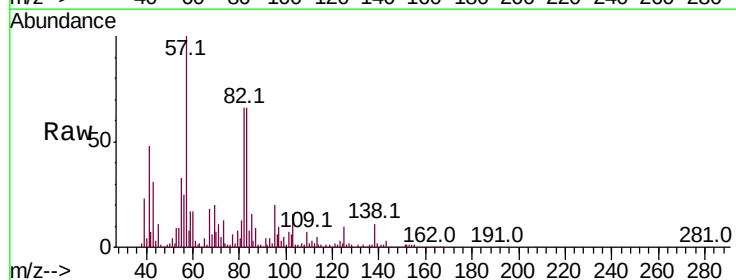
Instrument :
BNA_M
ClientSampled :

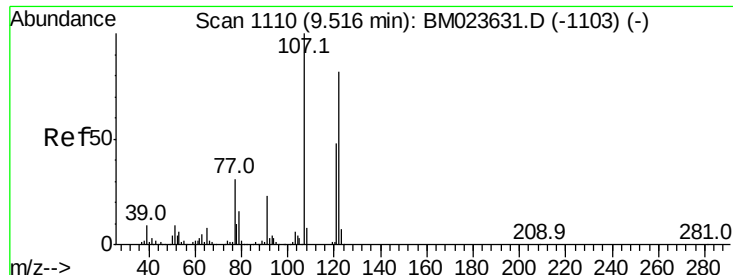
Tot Ion	Ratio	Lower	Upper
77	100		
123	2.7	33.1	49.7#
65	38.4	9.8	14.8#



#21
Isophorone
Concen: 3.830 ng/ul
RT: 9.27 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	30.3	5.8	8.8#
138	16.2	13.4	20.2

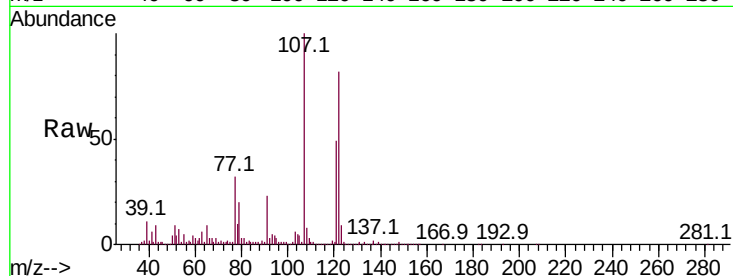




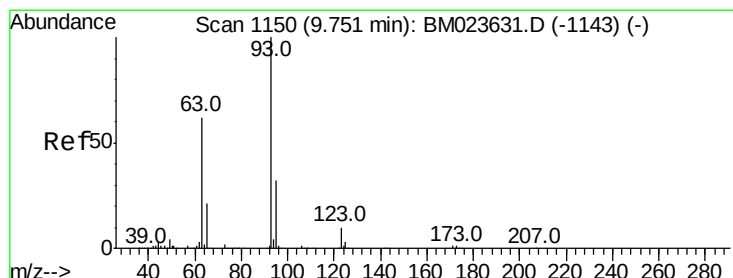
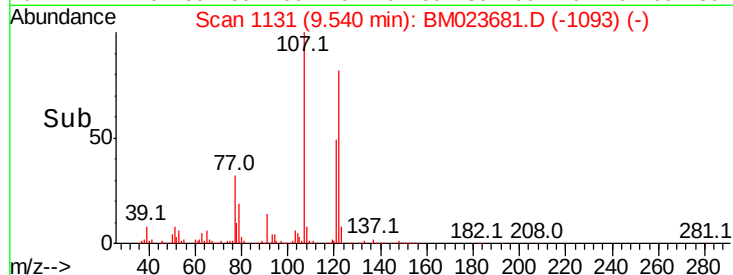
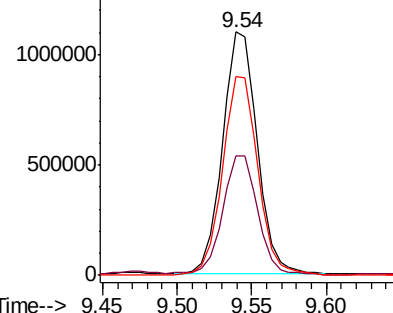
#24
2,4-Dimethylphenol
Concen: 39.311 ng/ul
RT: 9.54 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 1769894
Ion Ratio Lower Upper
107 100
121 49.1 38.6 57.8
122 81.8 65.9 98.9

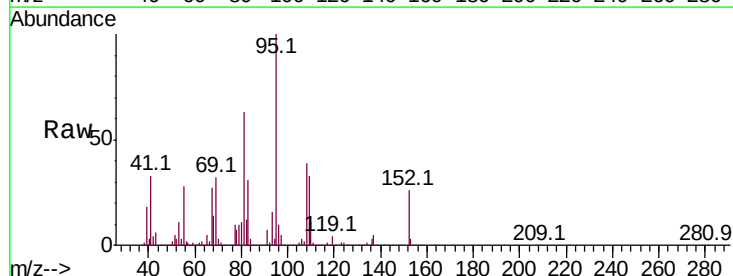


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

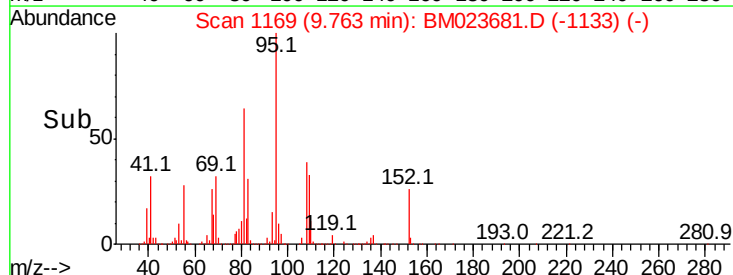
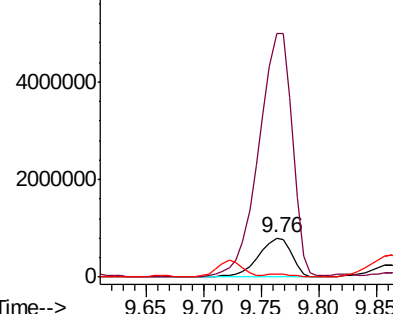


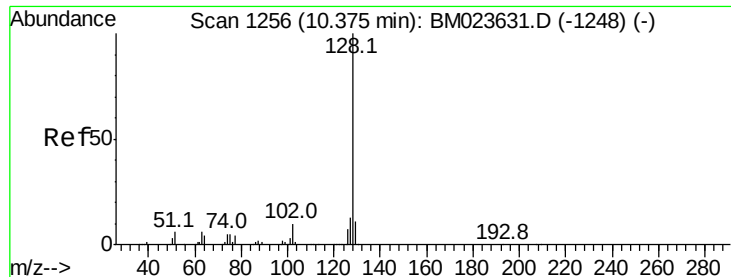
#25
Bis(2-Chloroethoxy)methane
Concen: 29.442 ng/ul
RT: 9.76 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Tgt Ion: 93 Resp: 1605962
Ion Ratio Lower Upper
93 100
95 625.3 25.7 38.5#
123 7.7 8.3 12.5#



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

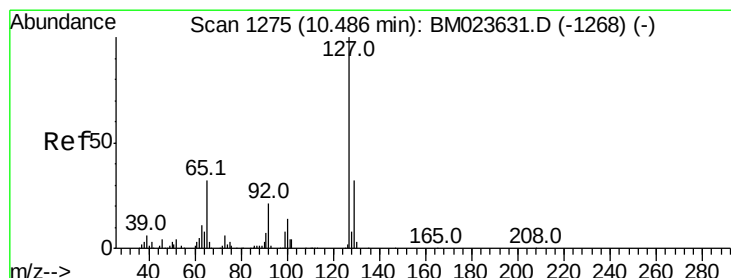
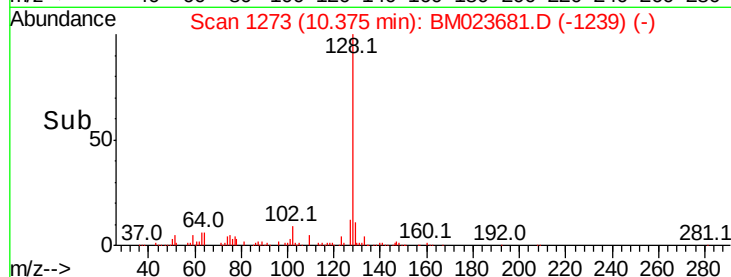
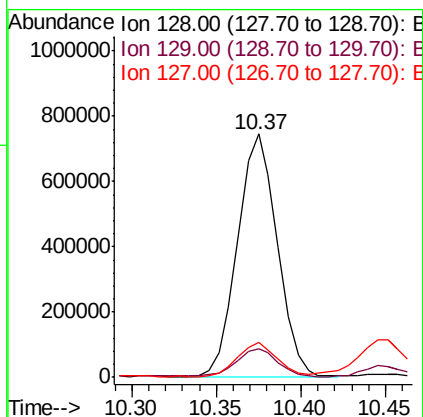
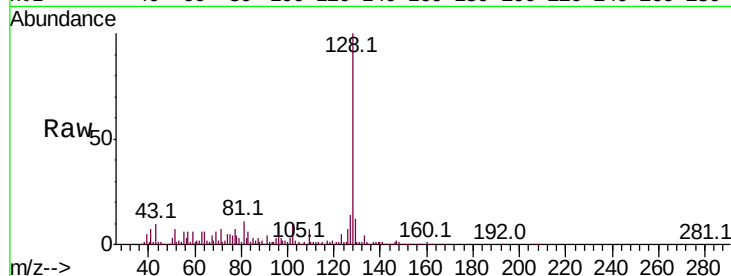




#28
Naphthalene
Concen: 9.823 ng/ul
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

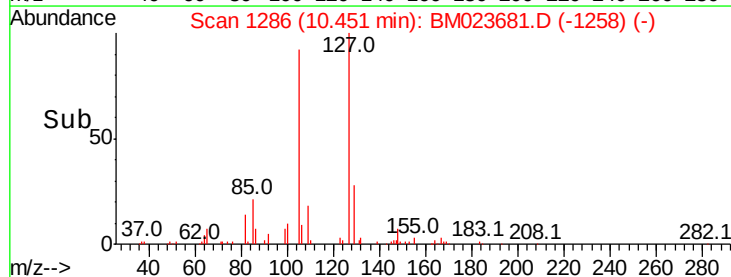
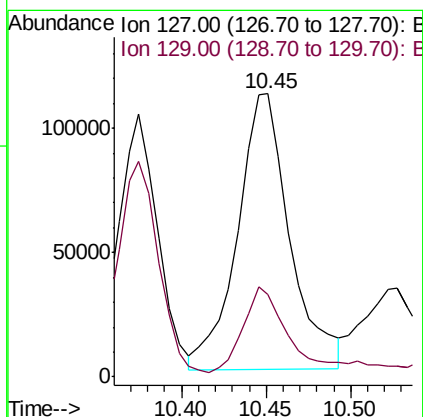
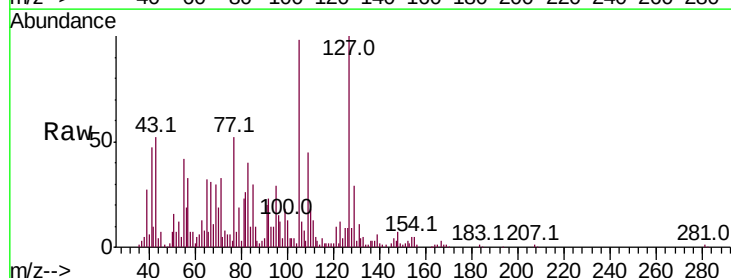
Instrument :
BNA_M
ClientSampleId :

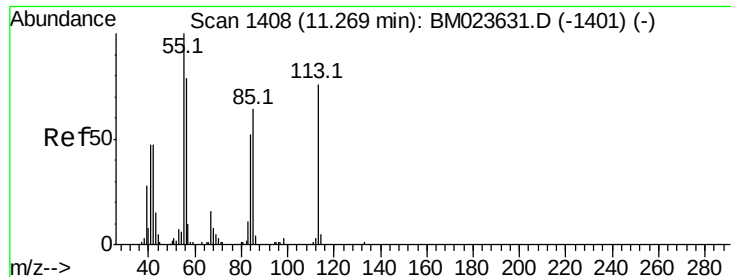
Tot Ion:128 Resp: 1215492
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 14.1 10.6 16.0



#30
4-Chloroaniline
Concen: 5.252 ng/ul
RT: 10.45 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Tgt Ion:127 Resp: 239421
Ion Ratio Lower Upper
127 100
129 29.3 26.1 39.1





#32

Caprolactam

Concen: 1.560 ng/ul

RT: 11.29 min Scan# 1428

Delta R.T. 0.02 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

Instrument :

BNA_M

ClientSampleId :

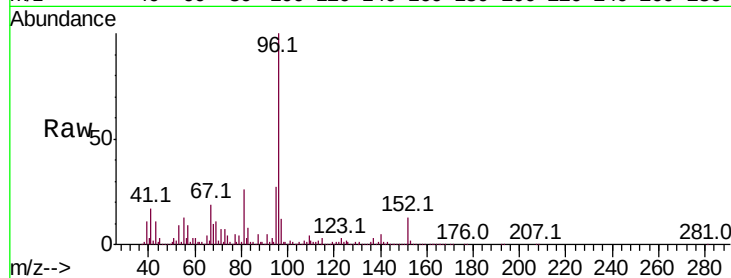
Tot Ion:113 Resp: 19646

Ion Ratio Lower Upper

113 100

55 635.4 105.8 158.6#

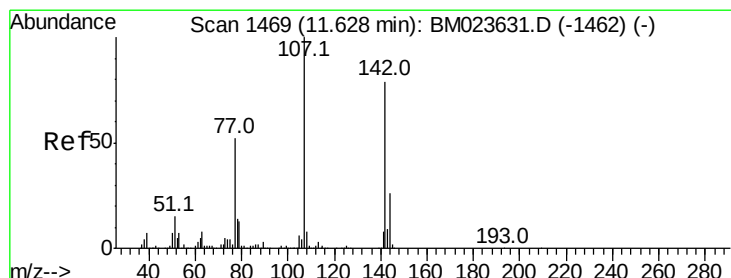
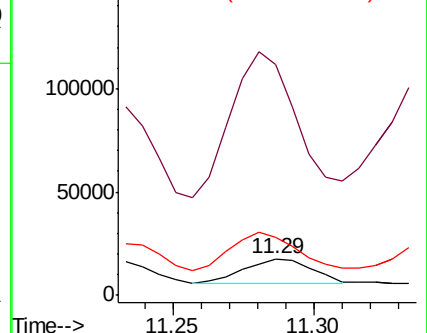
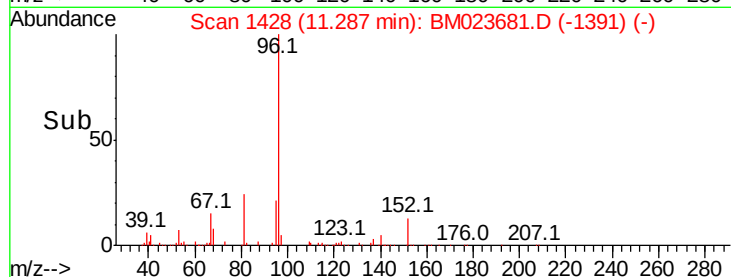
56 160.7 83.0 124.6#



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: 44.782 ng/ul

RT: 11.70 min Scan# 1499

Delta R.T. 0.08 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

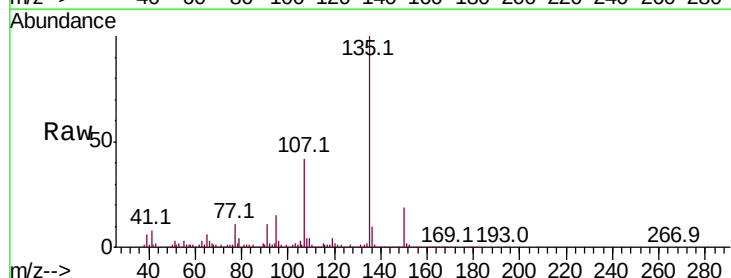
Tgt Ion:107 Resp: 1931004

Ion Ratio Lower Upper

107 100

144 0.0 20.6 30.8#

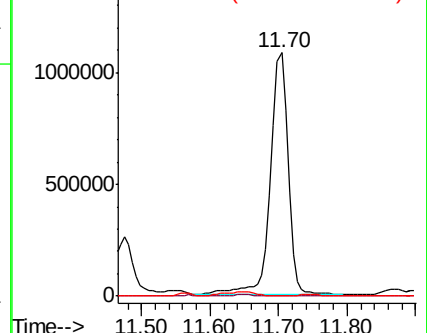
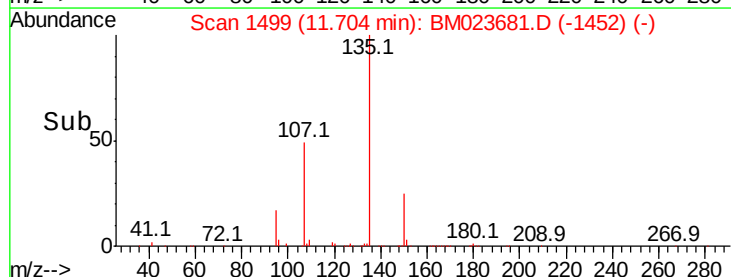
142 0.1 62.9 94.3#

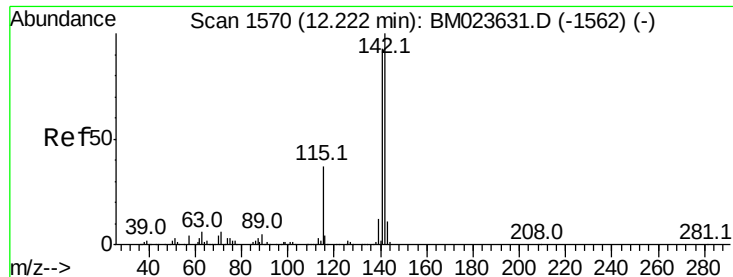


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#35

1-Methylnaphthalene

Concen: 1.238 ng/ul

RT: 12.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

Instrument :

BNA_M

ClientSampleId :

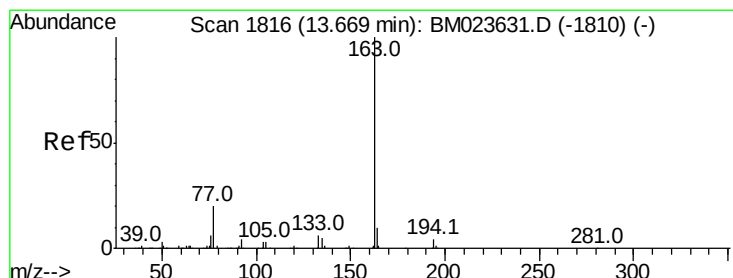
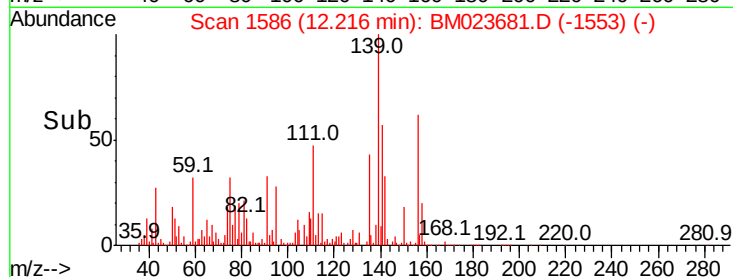
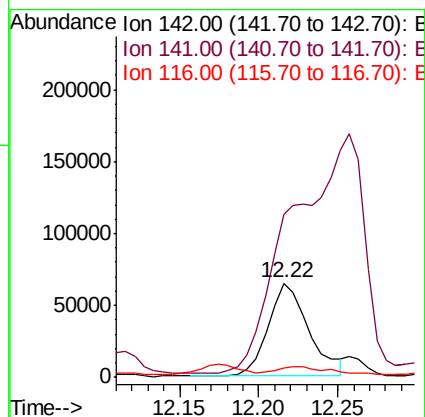
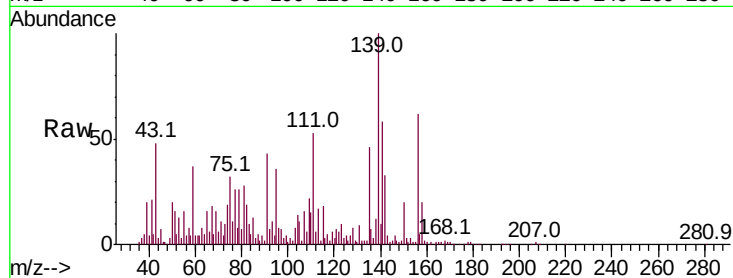
Tot Ion:142 Resp: 115561

Ion Ratio Lower Upper

142 100

141 172.7 74.6 112.0#

116 9.9 3.2 4.8#



#45

Dimethylphthalate

Concen: 1.458 ng/ul

RT: 13.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BM023681.D

Acq: 13 Nov 2019 01:38

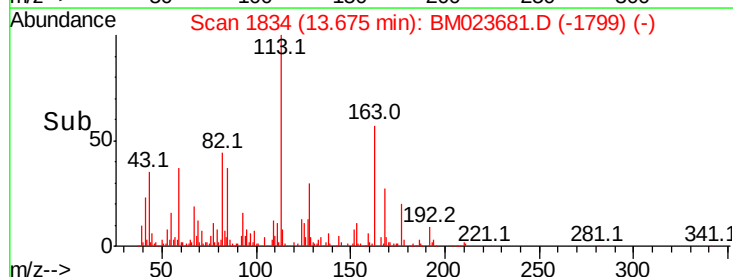
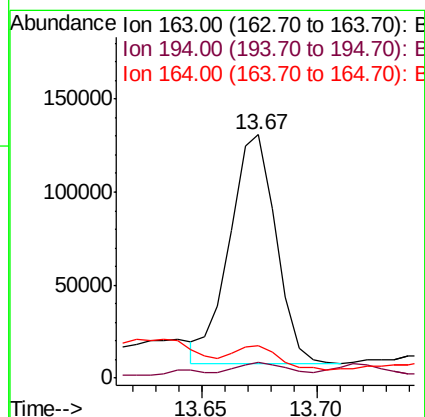
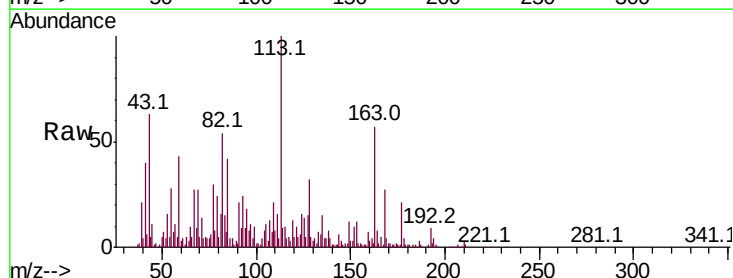
Tgt Ion:163 Resp: 172579

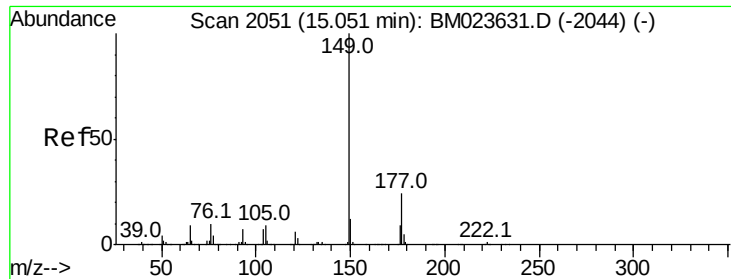
Ion Ratio Lower Upper

163 100

194 6.6 3.4 5.2#

164 13.6 8.0 12.0#

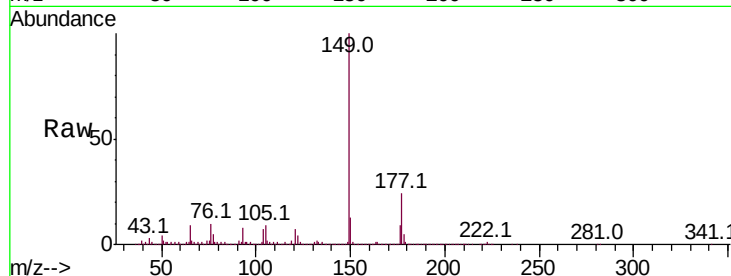




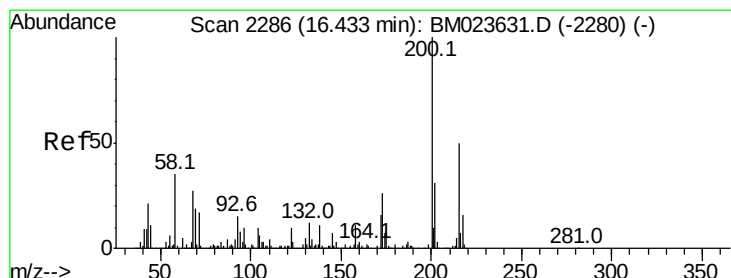
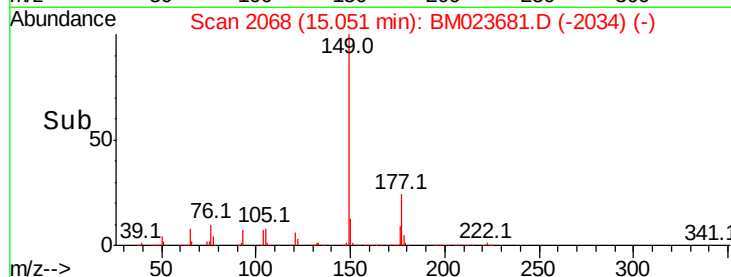
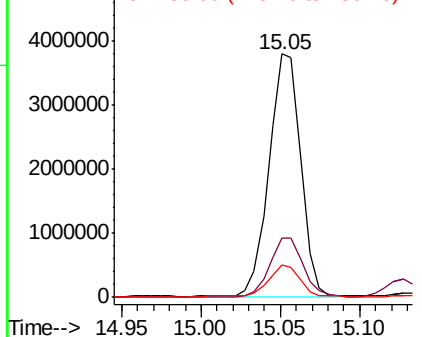
#57
Diethylphthalate
Concen: 45.254 ng/ul
RT: 15.05 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 5256439
Ion Ratio Lower Upper
149 100
177 24.2 18.9 28.3
150 13.1 9.9 14.9

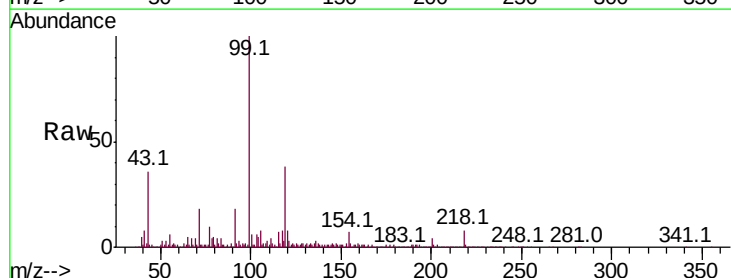


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#68
Atrazine
Concen: 2.217 ng/ul
RT: 16.45 min Scan# 2305
Delta R.T. 0.01 min
Lab File: BM023681.D
Acq: 13 Nov 2019 01:38

Tgt Ion:200 Resp: 73100
Ion Ratio Lower Upper
200 100
173 10.4 20.6 30.8#
215 1.9 39.7 59.5#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

