

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
 Data File : BM023685.D
 Acq On : 13 Nov 2019 04:01
 Operator : JU
 Sample : K5579-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 06:52:12 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	531019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2354353	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1562231	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	3124508	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2129349	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2316890	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	69411	5.39	ng/uL	0.00
5) Phenol-d5	6.70	99	870	0.02	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	6.89	67	641902	23.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	805933	22.98	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	662590	17.16	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	462691	27.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	544281	30.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	1083944	26.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	13944	0.31	ng/ul	-0.02
44) Dimethylphthalate-d6	13.63	166	3358241	27.56	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3649623	26.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	9770	0.47	ng/ul	-0.02
58) Fluorene-d10	15.20	176	2895504	26.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	534169	29.56	ng/ul	0.00
71) Anthracene-d10	17.05	188	4096908	27.64	ng/ul	0.00
79) Pyrene-d10	19.35	212	3741093	33.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	3420892	28.06	ng/ul	-0.01

Target Compounds

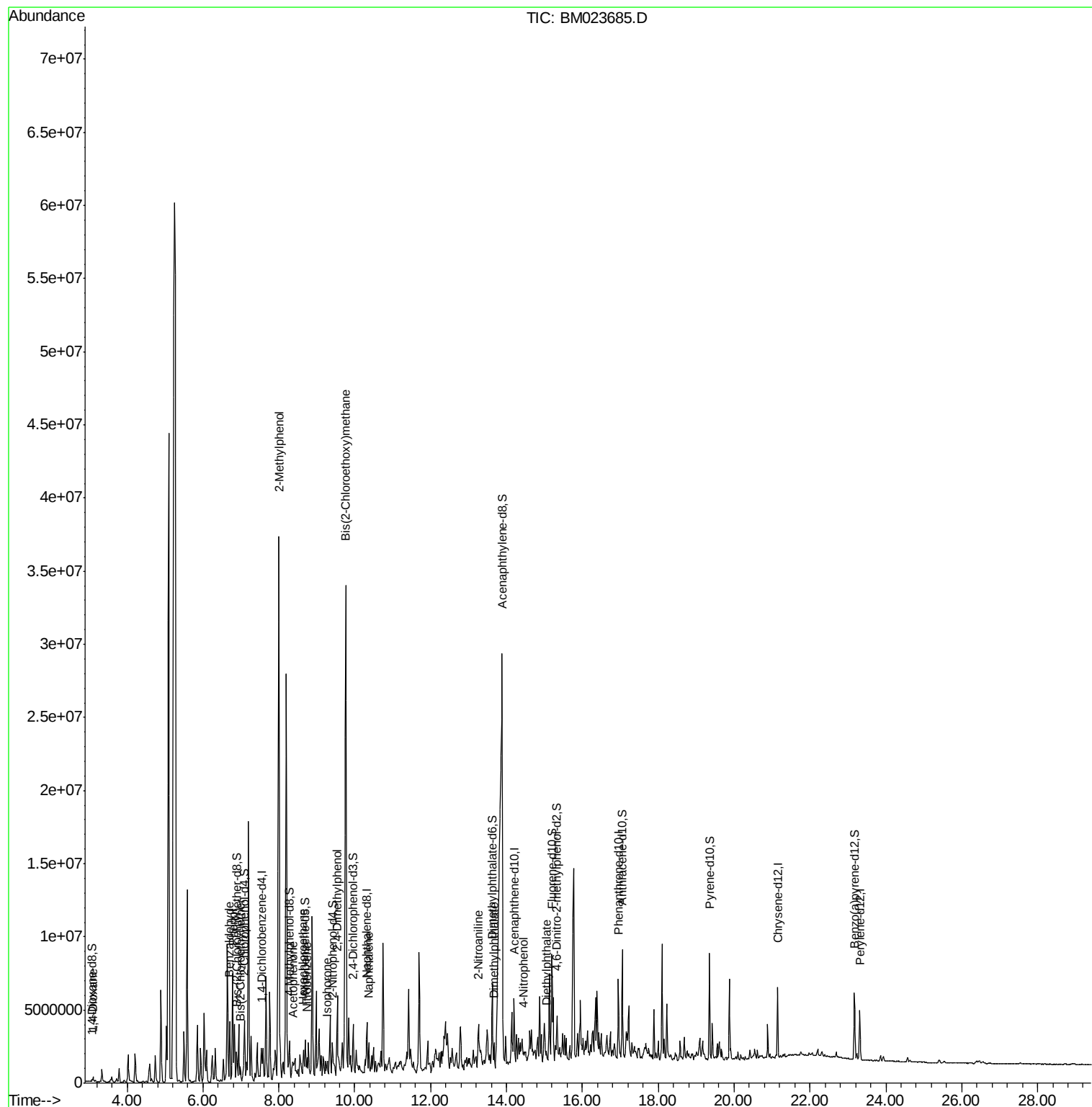
					Ovalue	
2) 1,4-Dioxane	3.10	88	179207	12.983	ng/uL#	95
4) Benzaldehyde	6.70	77	292899	10.314	ng/ul#	1
6) Phenol	6.79	94	914227	18.334	ng/ul#	94
8) Bis(2-Chloroethyl)ether	6.98	93	327784	8.583	ng/ul	98
11) 2-Methylphenol	8.00	108	44188	1.187	ng/ul#	1
14) Acetophenone	8.37	105	533817	8.864	ng/ul	93
17) Hexachloroethane	8.65	117	115369	8.042	ng/ul#	2
20) Nitrobenzene	8.74	77	56555	1.269	ng/ul#	49
21) Isophorone	9.27	82	130762	1.504	ng/ul#	75
24) 2,4-Dimethylphenol	9.54	107	2219419	49.295	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	1737902	31.861	ng/ul#	1
28) Naphthalene	10.37	128	1618438	13.079	ng/ul	99
43) 2-Nitroaniline	13.26	65	51093	2.316	ng/ul#	32
45) Dimethylphthalate	13.67	163	986695	8.265	ng/ul	98
53) 4-Nitrophenol	14.45	109	20260	1.207	ng/ul#	25
57) Diethylphthalate	15.05	149	405608	3.462	ng/ul	97

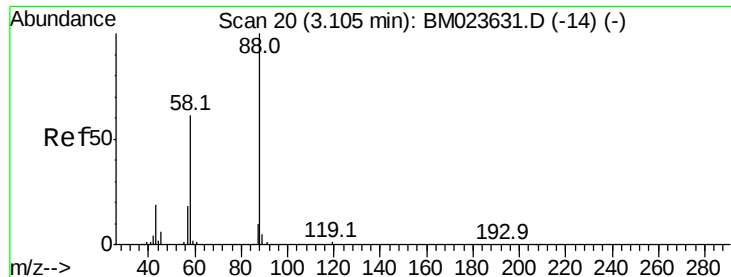
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 12.983 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

Instrument :

BNA_M

ClientSampleId :

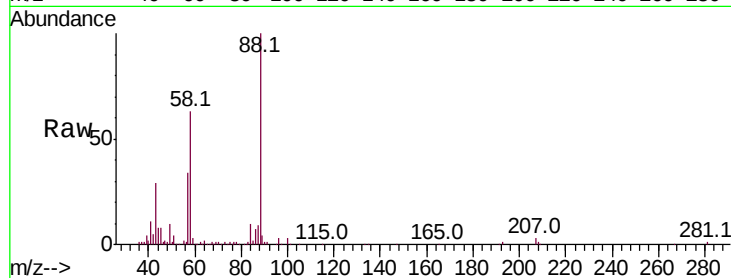
Tot Ion: 88 Resp: 179207

Ion Ratio Lower Upper

88 100

43 29.1 18.9 28.3#

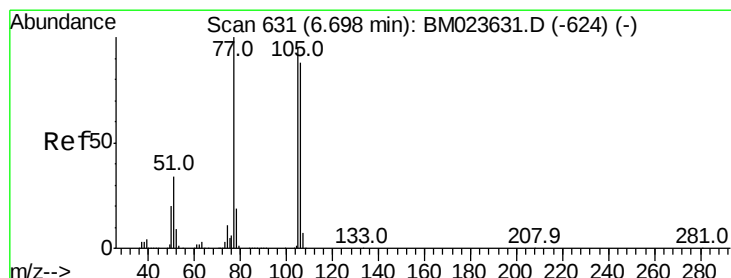
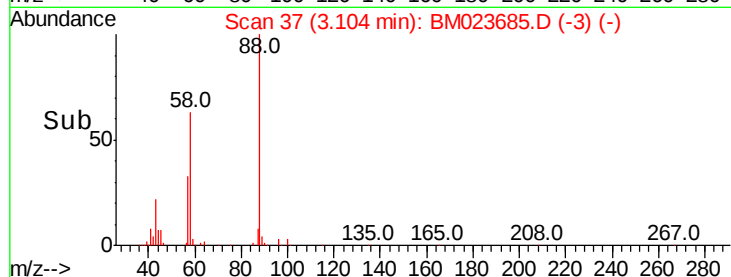
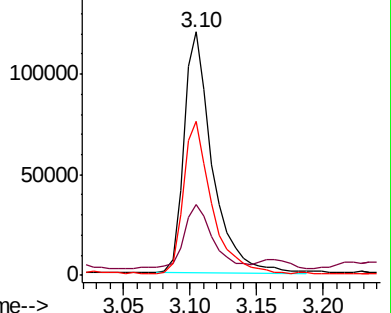
58 63.4 49.1 73.7



Abundance Ion 88.00 (87.70 to 88.70): BM023631.D (-14) (-)

Ion 43.00 (42.70 to 43.70): BM023631.D (-14) (-)

Ion 58.00 (57.70 to 58.70): BM023631.D (-14) (-)



#4

Benzaldehyde

Concen: 10.314 ng/uL

RT: 6.70 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

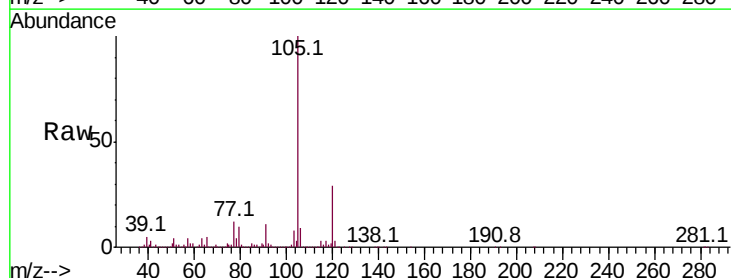
Tgt Ion: 77 Resp: 292899

Ion Ratio Lower Upper

77 100

105 820.2 75.9 113.9#

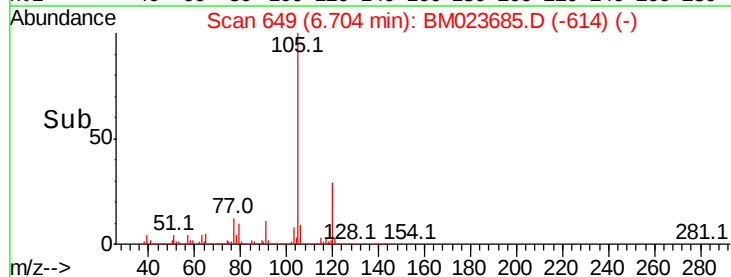
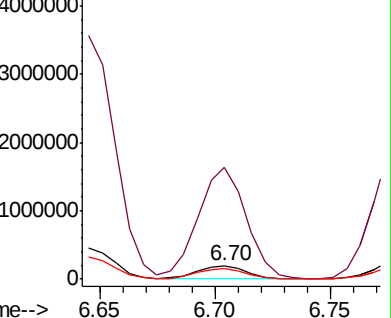
106 73.9 70.2 105.4

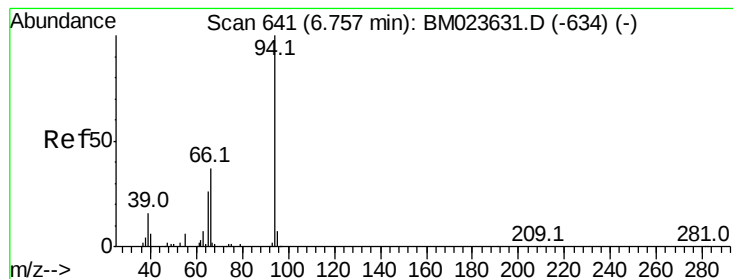


Abundance Ion 77.00 (76.70 to 77.70): BM023631.D (-624) (-)

Ion 105.00 (104.70 to 105.70): BM023631.D (-624) (-)

Ion 106.00 (105.70 to 106.70): BM023631.D (-624) (-)





#6

Phenol

Concen: 18.334 ng/ul

RT: 6.79 min Scan# 664

Delta R.T. 0.04 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

Instrument :

BNA_M

ClientSampleId :

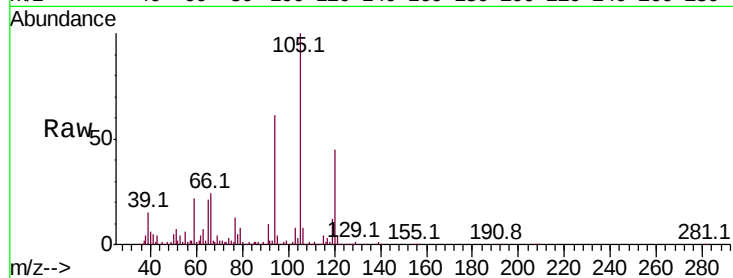
Tot Ion: 94 Resp: 914227

Ion Ratio Lower Upper

94 100

65 33.7 21.4 32.2#

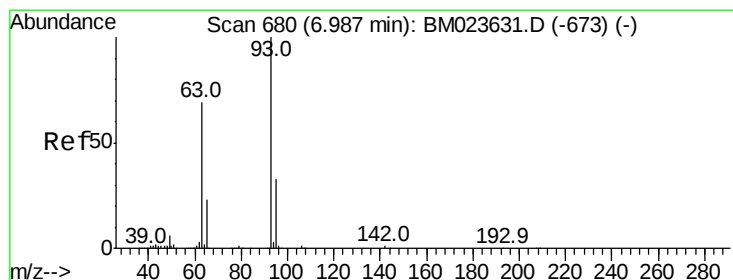
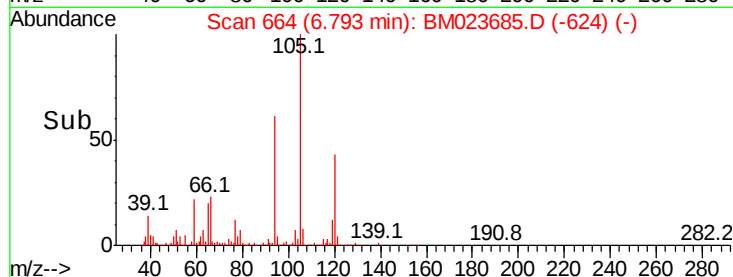
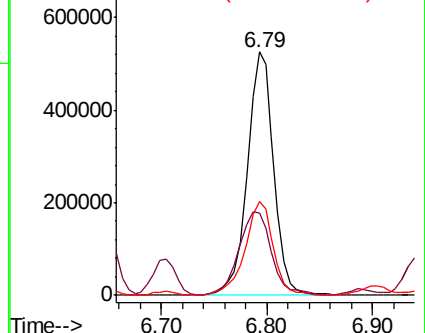
66 38.3 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023631.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM023631.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM023631.D (-634) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 8.583 ng/ul

RT: 6.98 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

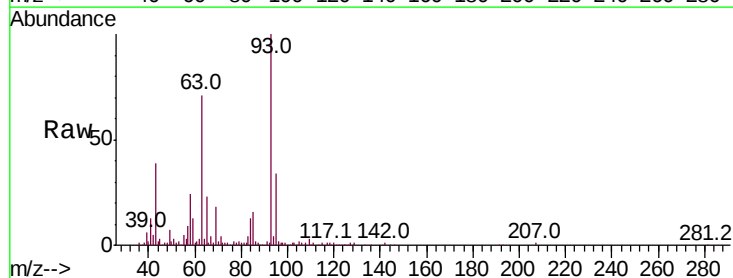
Tgt Ion: 93 Resp: 327784

Ion Ratio Lower Upper

93 100

63 71.3 55.4 83.0

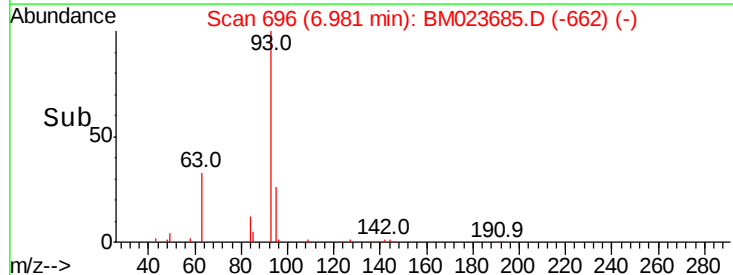
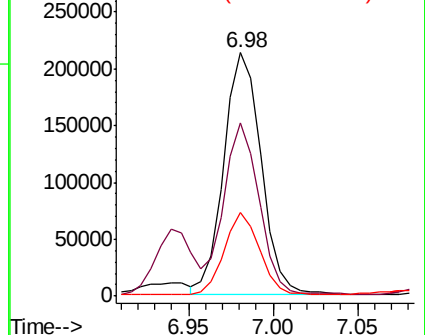
95 34.1 26.2 39.4

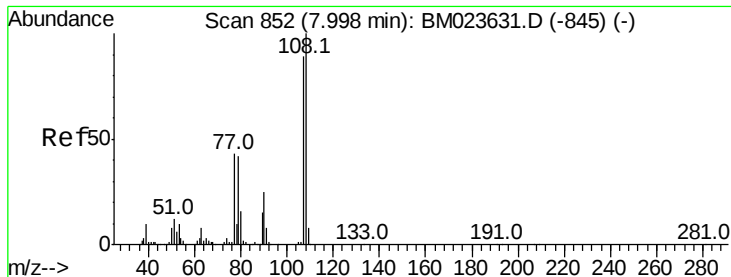


Abundance Ion 93.00 (92.70 to 93.70): BM023631.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM023631.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM023631.D (-673) (-)

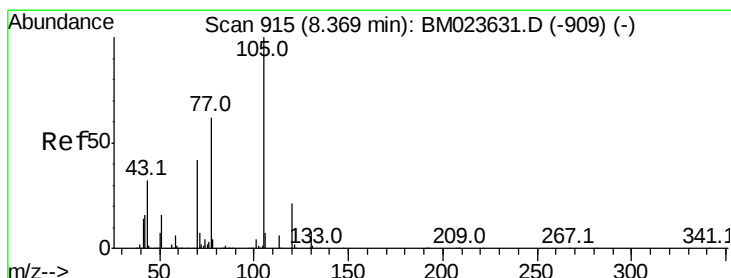
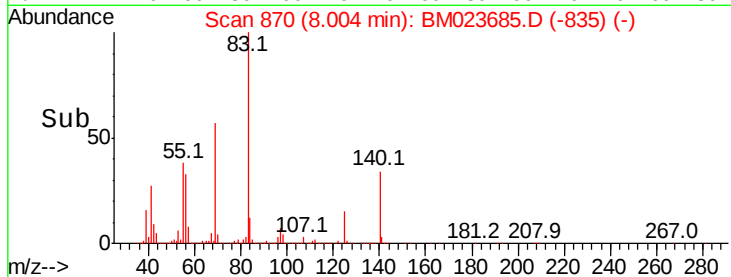
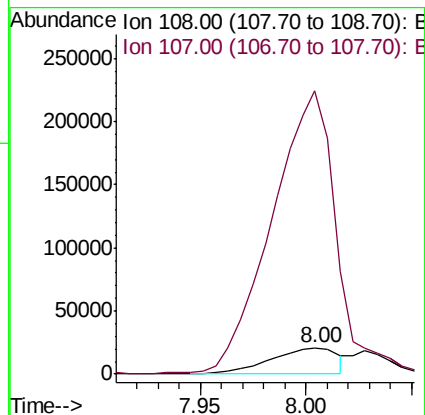
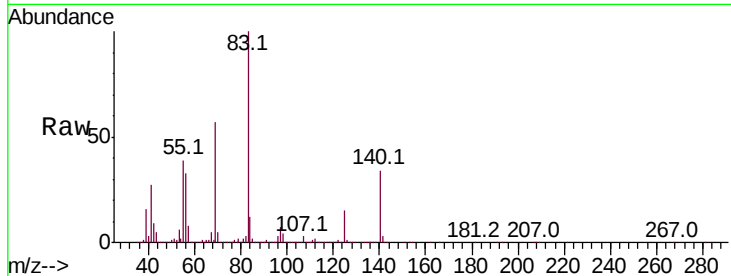




#11
2-Methylphenol
Concen: 1.187 ng/ul
RT: 8.00 min Scan# 870
Delta R.T. 0.01 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

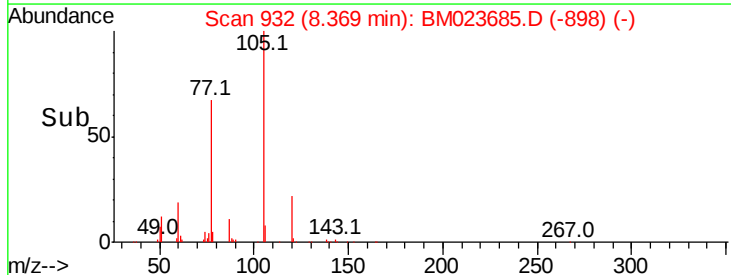
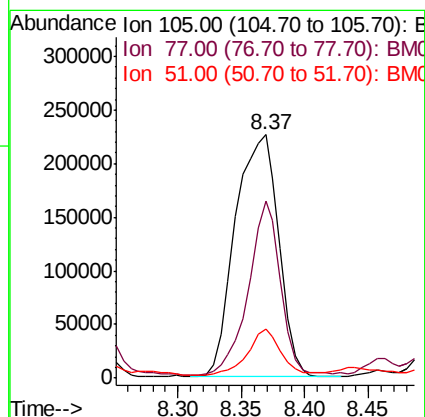
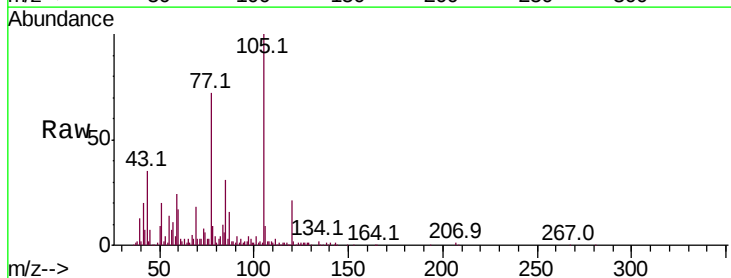
Instrument :
BNA_M
ClientSampled :

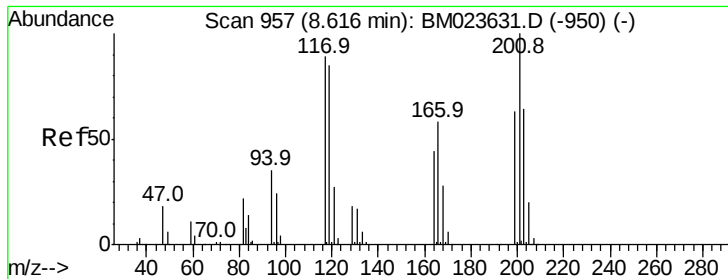
Tot Ion:108 Resp: 44188
Ion Ratio Lower Upper
108 100
107 1077.5 71.4 107.2#



#14
Acetophenone
Concen: 8.864 ng/ul
RT: 8.37 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

Tgt Ion:105 Resp: 533817
Ion Ratio Lower Upper
105 100
77 72.5 63.8 95.6
51 20.2 16.3 24.5

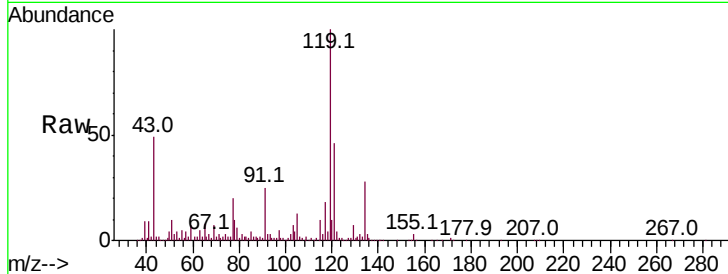




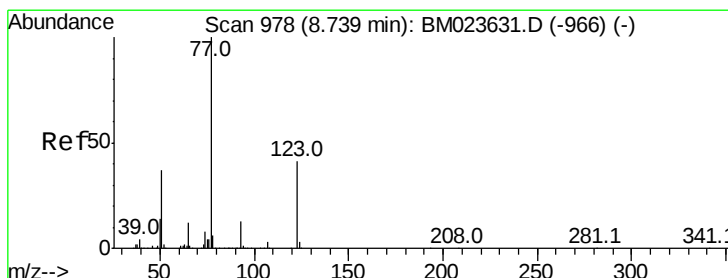
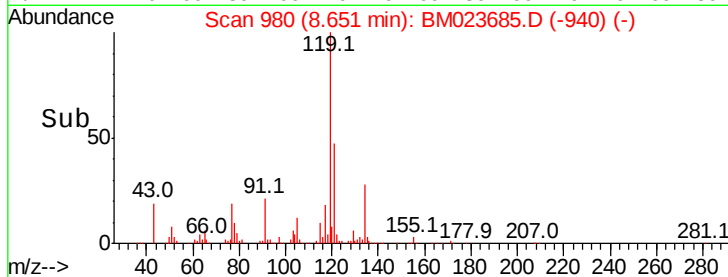
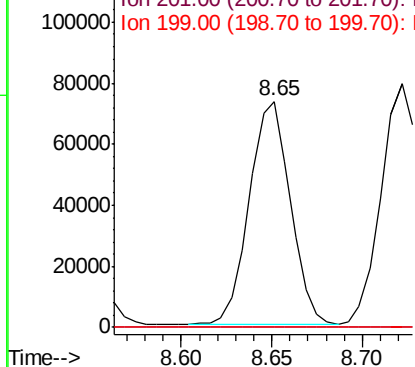
#17
Hexachloroethane
Concen: 8.042 ng/ul
RT: 8.65 min Scan# 980
Delta R.T. 0.04 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 115369
Ion Ratio Lower Upper
117 100
201 0.0 90.0 135.0#
199 0.0 57.0 85.4#

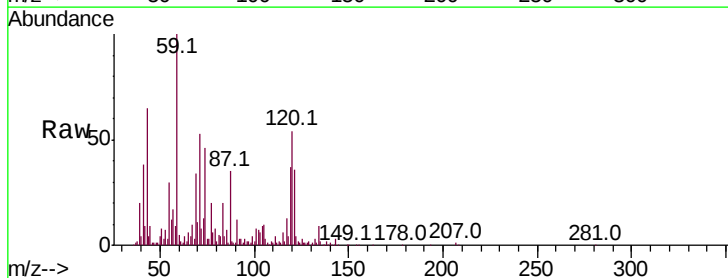


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

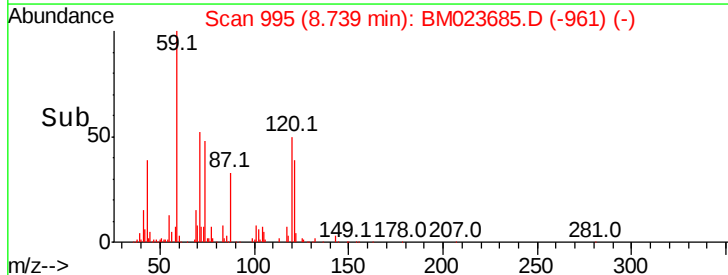
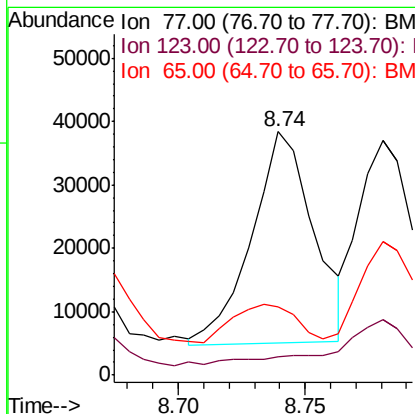


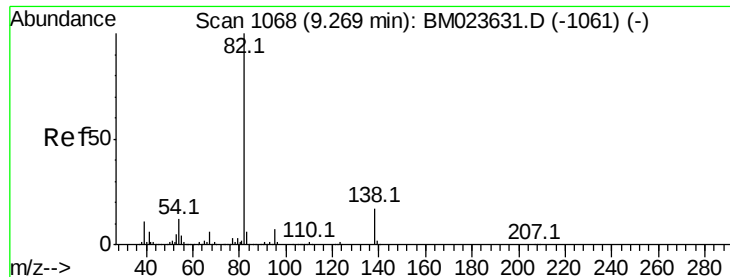
#20
Nitrobenzene
Concen: 1.269 ng/ul
RT: 8.74 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

Tgt Ion: 77 Resp: 56555
Ion Ratio Lower Upper
77 100
123 7.5 33.1 49.7#
65 28.1 9.8 14.8#



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: 1.504 ng/ul

RT: 9.27 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

Instrument :

BNA_M

ClientSampleId :

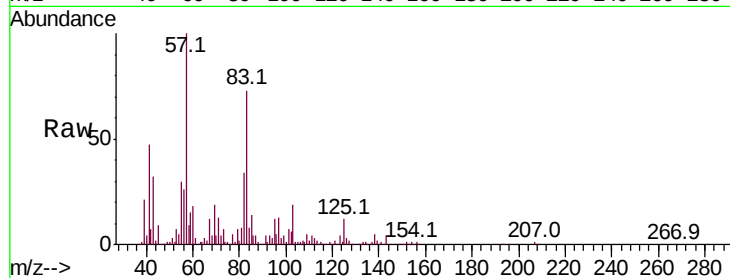
Tot Ion: 82 Resp: 130762

Ion Ratio Lower Upper

82 100

95 34.4 5.8 8.8#

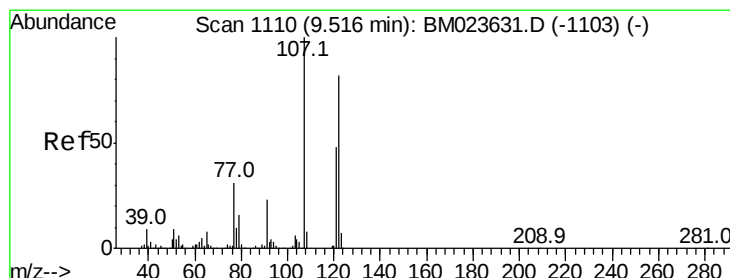
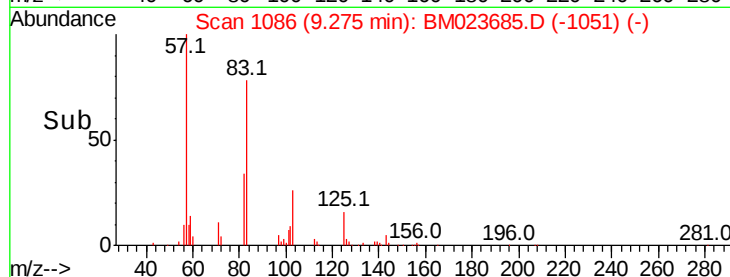
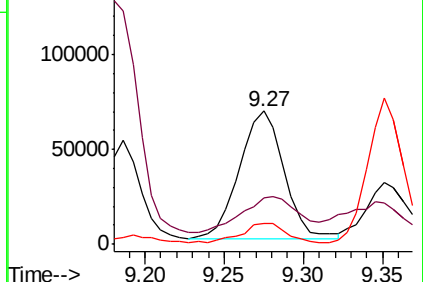
138 16.0 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BM023631.D (-1061) (-)

Ion 95.00 (94.70 to 95.70): BM023685.D (-1051) (-)

Ion 138.00 (137.70 to 138.70): BM023685.D (-1051) (-)



#24

2,4-Dimethylphenol

Concen: 49.295 ng/ul

RT: 9.54 min Scan# 1131

Delta R.T. 0.02 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

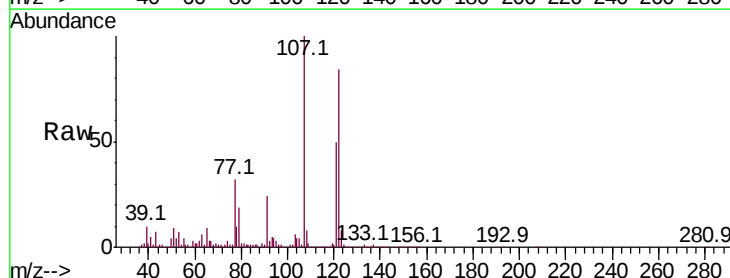
Tgt Ion:107 Resp: 2219419

Ion Ratio Lower Upper

107 100

121 49.9 38.6 57.8

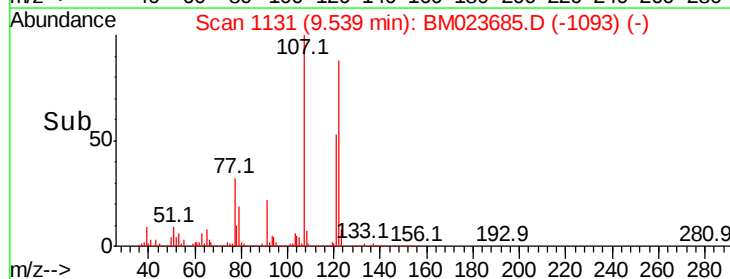
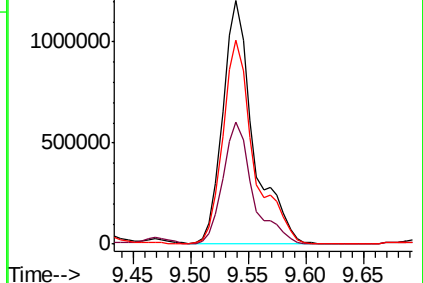
122 84.0 65.9 98.9

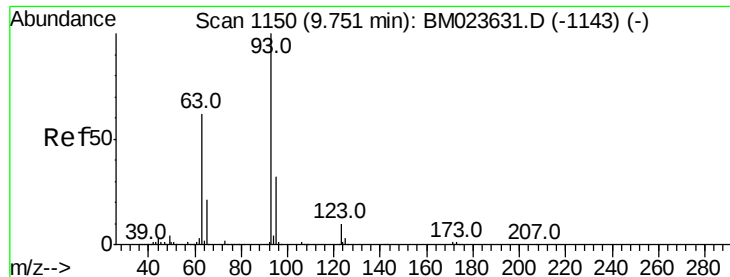


Abundance Ion 107.00 (106.70 to 107.70): BM023631.D (-1103) (-)

Ion 121.00 (120.70 to 121.70): BM023685.D (-1093) (-)

Ion 122.00 (121.70 to 122.70): BM023685.D (-1093) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 31.861 ng/ul

RT: 9.77 min Scan# 1170

Delta R.T. 0.02 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

Instrument :

BNA_M

ClientSampleId :

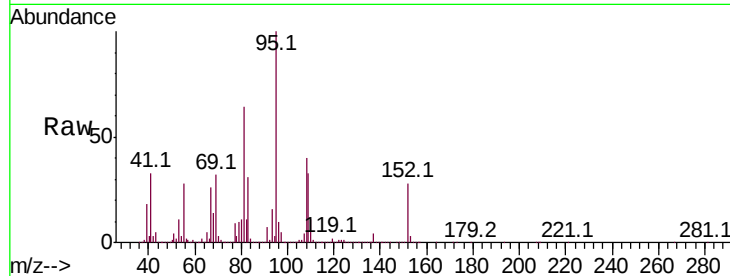
Tot Ion: 93 Resp: 1737902

Ion Ratio Lower Upper

93 100

95 634.5 25.7 38.5#

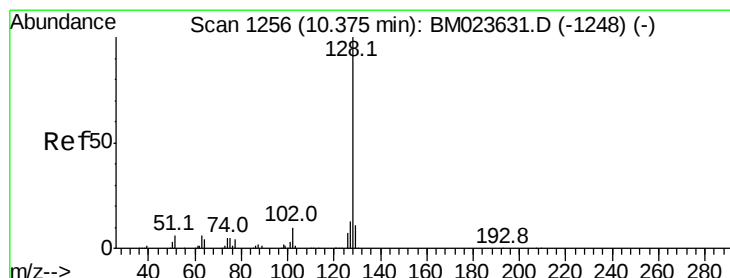
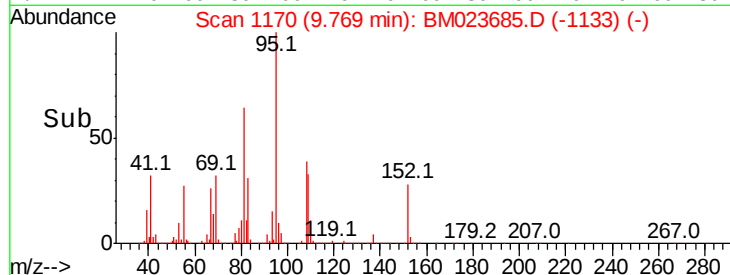
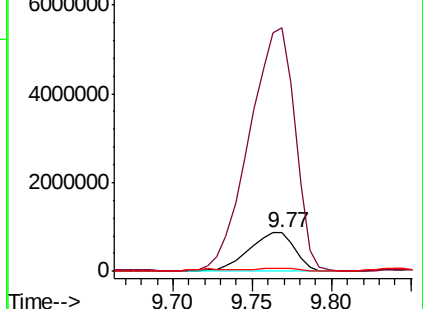
123 8.1 8.3 12.5#



Abundance Ion 93.00 (92.70 to 93.70): BM023631.D (-1143) (-)

Ion 95.00 (94.70 to 95.70): BM023631.D (-1143) (-)

Ion 123.00 (122.70 to 123.70): BM023631.D (-1143) (-)



#28

Naphthalene

Concen: 13.079 ng/ul

RT: 10.37 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM023685.D

Acq: 13 Nov 2019 04:01

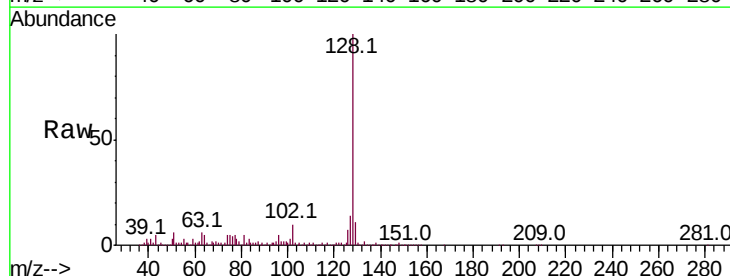
Tgt Ion: 128 Resp: 1618438

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

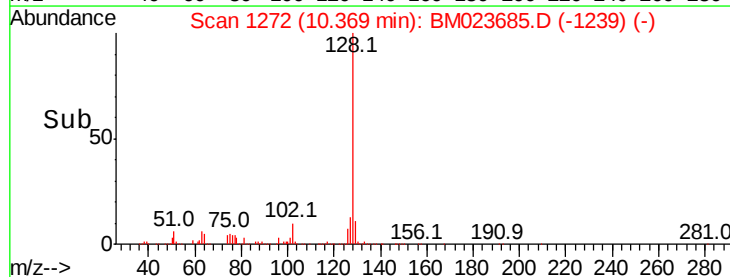
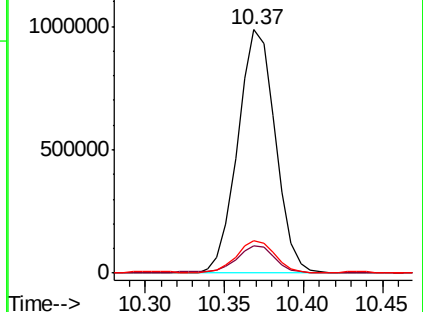
127 13.5 10.6 16.0

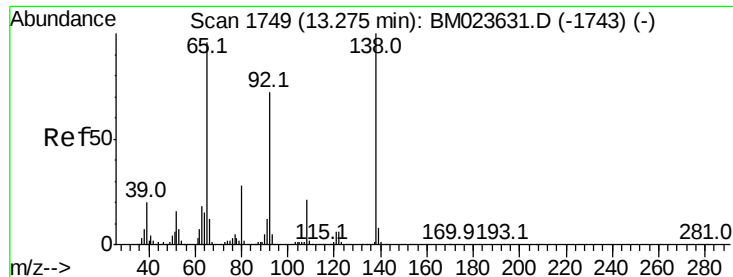


Abundance Ion 128.00 (127.70 to 128.70): BM023631.D (-1248) (-)

Ion 129.00 (128.70 to 129.70): BM023631.D (-1248) (-)

Ion 127.00 (126.70 to 127.70): BM023631.D (-1248) (-)

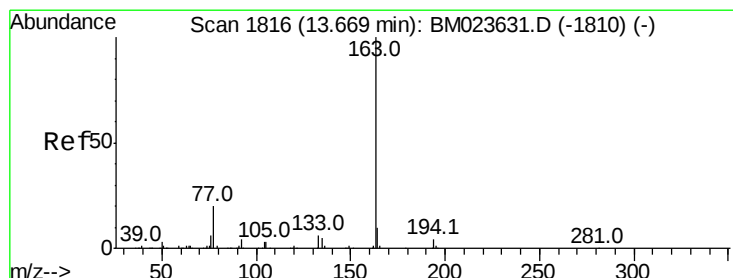
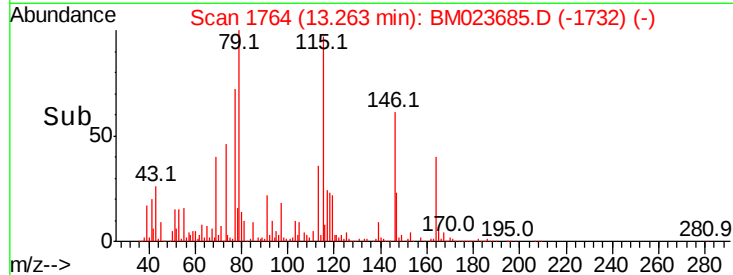
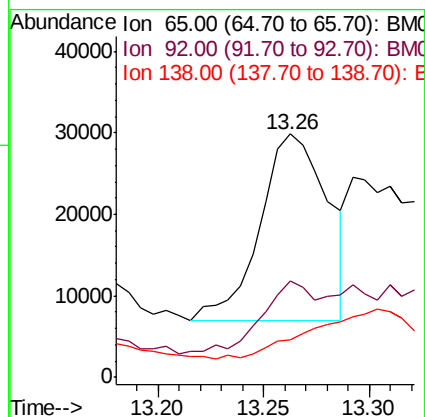
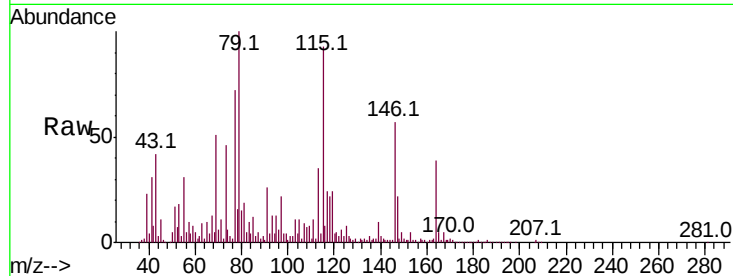




#43
2-Nitroaniline
Concen: 2.316 ng/ul
RT: 13.26 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

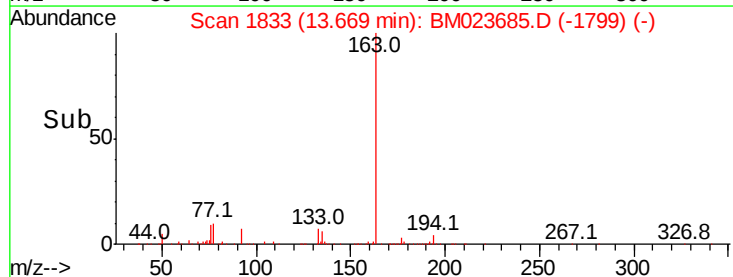
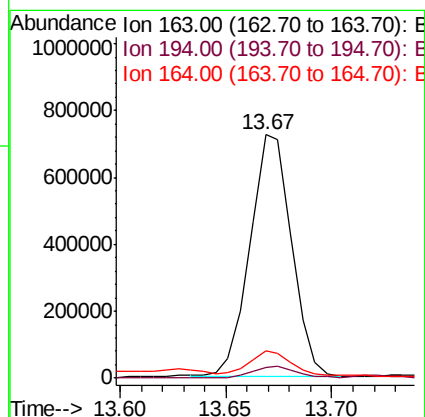
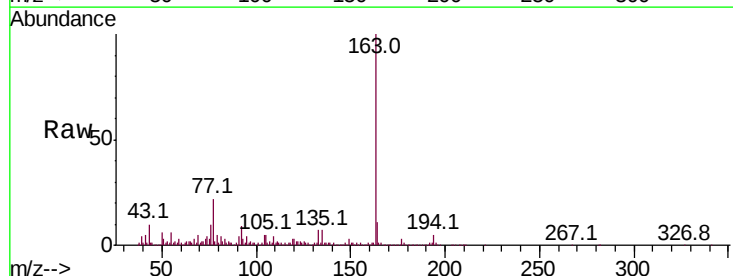
Instrument :
BNA_M
ClientSampleId :

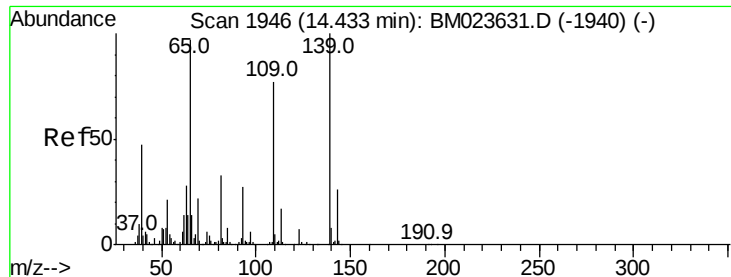
Tot Ion: 65 Resp: 51093
Ion Ratio Lower Upper
65 100
92 39.9 60.4 90.6#
138 15.6 83.8 125.6#



#45
Dimethylphthalate
Concen: 8.265 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

Tgt Ion: 163 Resp: 986695
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 11.0 8.0 12.0

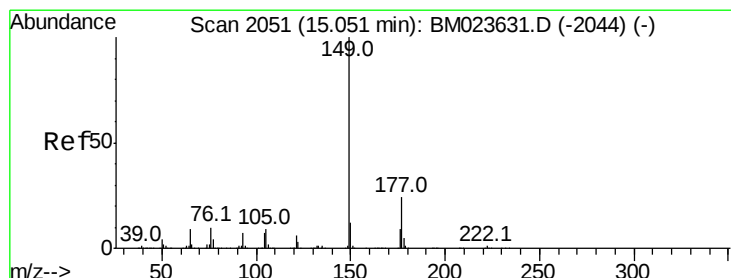
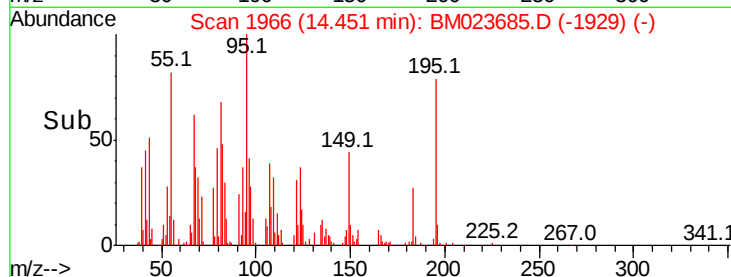
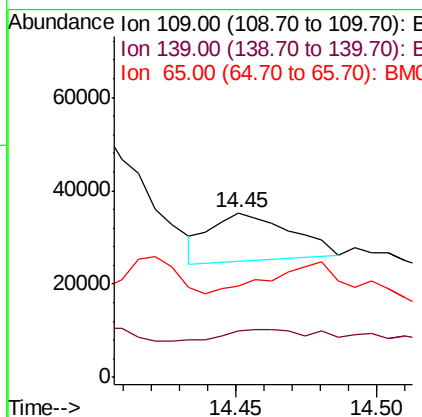
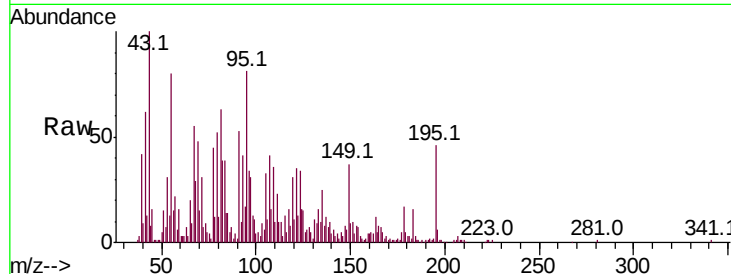




#53
4-Nitrophenol
Concen: 1.207 ng/ul
RT: 14.45 min Scan# 1966
Delta R.T. 0.02 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

Instrument :
BNA_M
ClientSampled :

Tot Ion:109 Resp: 20260
Ion Ratio Lower Upper
109 100
139 28.1 103.4 155.0#
65 55.4 101.3 151.9#



#57
Diethylphthalate
Concen: 3.462 ng/ul
RT: 15.05 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BM023685.D
Acq: 13 Nov 2019 04:01

Tgt Ion:149 Resp: 405608
Ion Ratio Lower Upper
149 100
177 24.9 18.9 28.3
150 13.4 9.9 14.9

