

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020918.D
 Acq On : 12 Jun 2019 23:57
 Operator : HP/JU
 Sample : K3215-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 13 05:56:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 13 01:55:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	297393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1179149	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	683257	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1420849	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1273048	20.00	ng/ul	-0.01
85) Perylene-d12	23.64	264	1463615	20.00	ng/ul	-0.01

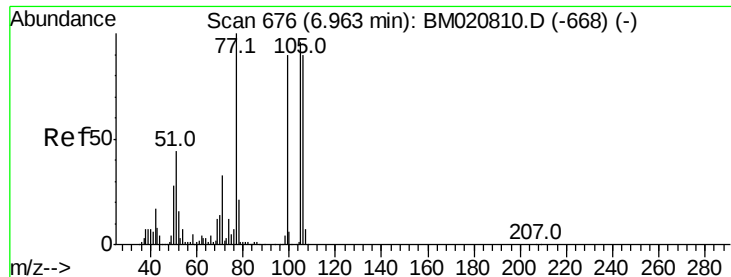
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9422	1.51	ng/uL	0.00
5) Phenol-d5	7.00	99	189830	8.34	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.14	67	421471	30.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	525100	28.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	338883	18.51	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	292432	36.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	344024	41.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	638525	36.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	24437	1.17	ng/ul	-0.04
43) Dimethylphthalate-d6	13.86	166	1939996	38.38	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2333656	36.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	668	0.08	ng/ul	-0.02
57) Fluorene-d10	15.44	176	1613854	37.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	164560	22.65	ng/ul	0.00
70) Anthracene-d10	17.29	188	2329229	37.53	ng/ul	0.00
78) Pyrene-d10	19.58	212	2417523	39.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2731203	41.06	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.95	77	18289	1.067	ng/ul#	1
6) Phenol	7.03	94	52159	2.227	ng/ul#	58
14) Acetophenone	8.60	105	148660	5.255	ng/ul#	33
17) Hexachloroethane	8.90	117	37572	4.793	ng/ul#	4
21) Isophorone	9.54	82	149831	4.002	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.03	93	24335	1.048	ng/ul#	1
28) Naphthalene	10.65	128	469858	8.484	ng/ul	98
33) 4-Chloro-3-methylphenol	11.89	107	23162	1.313	ng/ul#	45
34) 2-Methylnaphthalene	12.26	142	180474	4.437	ng/ul	100
45) 2,6-Dinitrotoluene	14.09	165	15517	1.635	ng/ul#	50
52) 4-Nitrophenol	14.64	109	49729	6.994	ng/ul#	22
63) 4,6-Dinitro-2-methylphenol	15.59	198	11802	1.529	ng/ul#	1

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



#4

Benzaldehyde

Concen: 1.067 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM020918.D

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Instrument :

BNA_M

ClientSampleId :

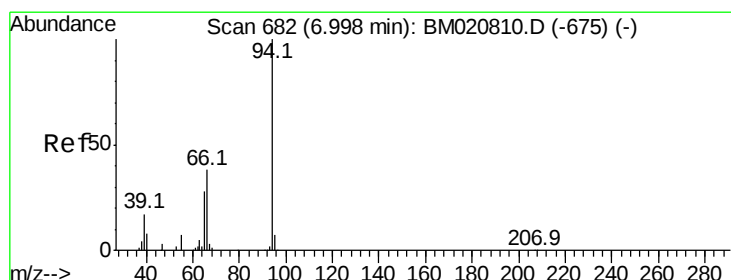
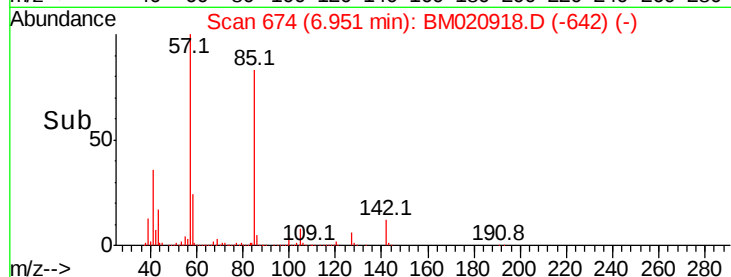
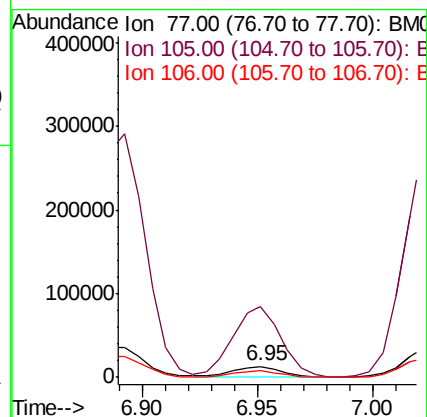
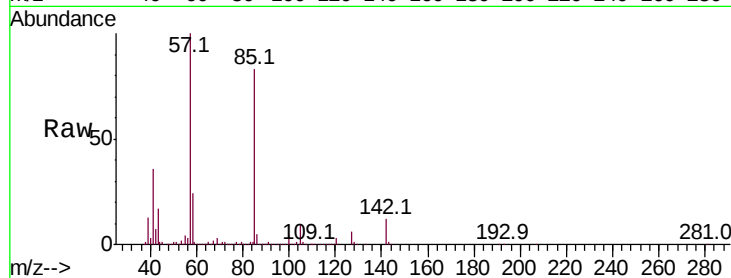
Tot Ion: 77 Resp: 18289

Ion Ratio Lower Upper

77 100

105 655.0 74.7 112.1#

106 57.9 72.3 108.5#



#6

Phenol

Concen: 2.227 ng/ul

RT: 7.03 min Scan# 687

Delta R.T. 0.03 min

Lab File: BM020918.D

Acq: 12 Jun 2019 23:57

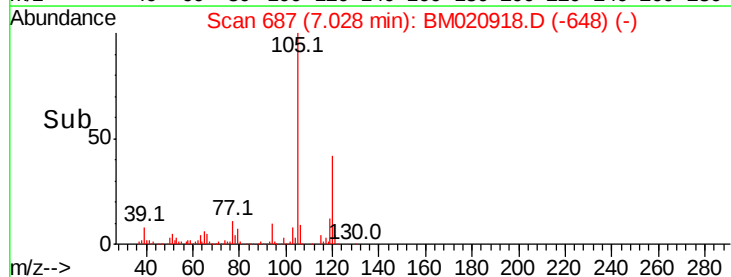
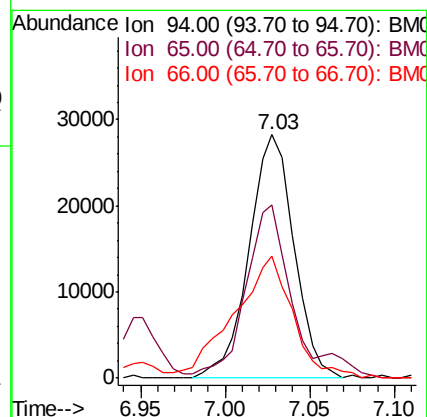
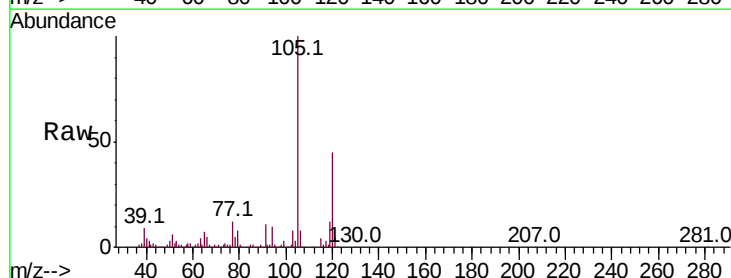
Tgt Ion: 94 Resp: 52159

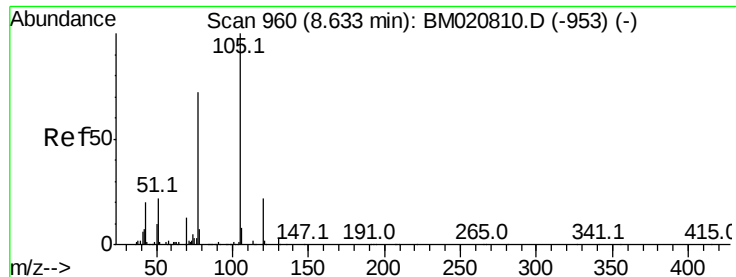
Ion Ratio Lower Upper

94 100

65 71.0 23.3 34.9#

66 50.3 32.1 48.1#





#14

Acetophenone

Concen: 5.255 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.04 min

Lab File: BM020918.D

Acq: 12 Jun 2019 23:57

Instrument :

BNA_M

ClientSampleId :

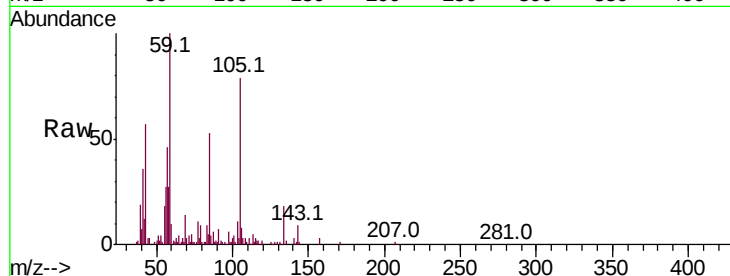
Tot Ion:105 Resp: 148660

Ion Ratio Lower Upper

105 100

77 13.6 64.6 97.0#

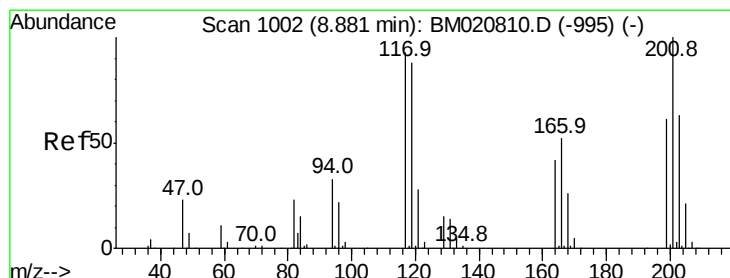
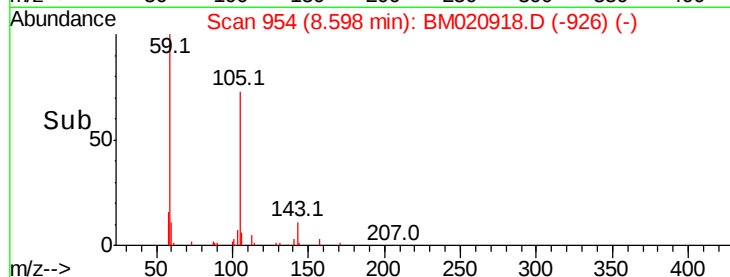
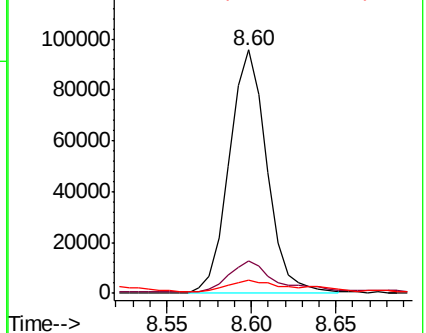
51 5.3 21.4 32.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

Hexachloroethane

Concen: 4.793 ng/ul

RT: 8.90 min Scan# 1005

Delta R.T. 0.02 min

Lab File: BM020918.D

Acq: 12 Jun 2019 23:57

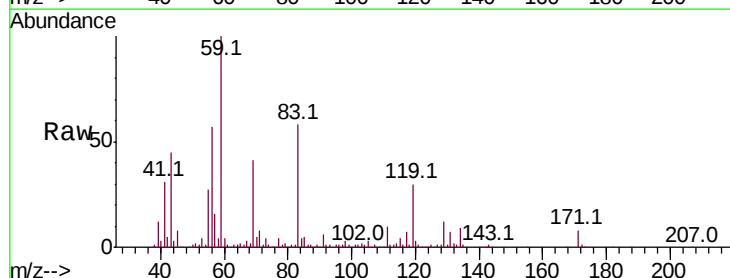
Tgt Ion:117 Resp: 37572

Ion Ratio Lower Upper

117 100

201 0.0 85.9 128.9#

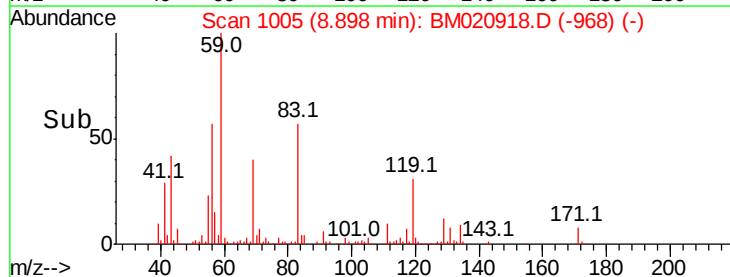
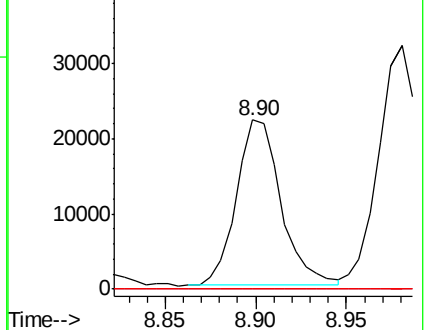
199 0.0 53.5 80.3#

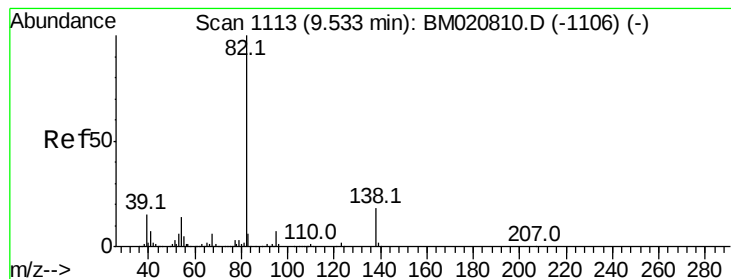


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 4.002 ng/ul

RT: 9.54 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BM020918.D

Acq: 12 Jun 2019 23:57

Instrument :

BNA_M

ClientSampleId :

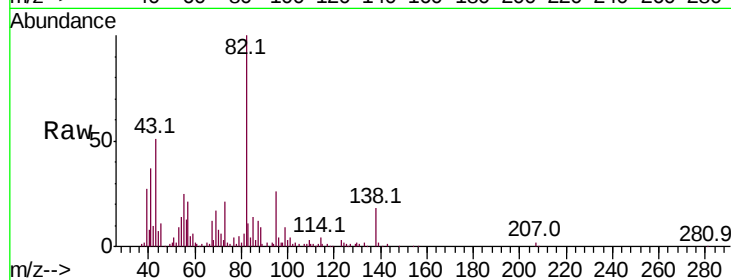
Tot Ion: 82 Resp: 149831

Ion Ratio Lower Upper

82 100

95 25.9 5.9 8.9#

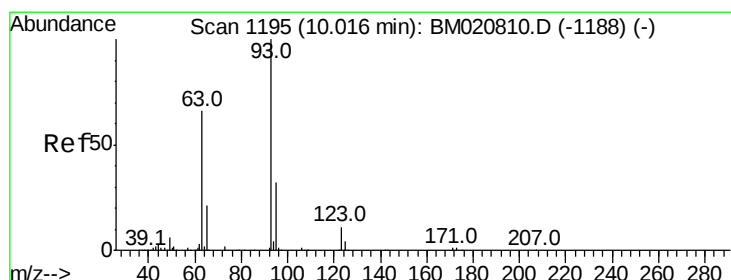
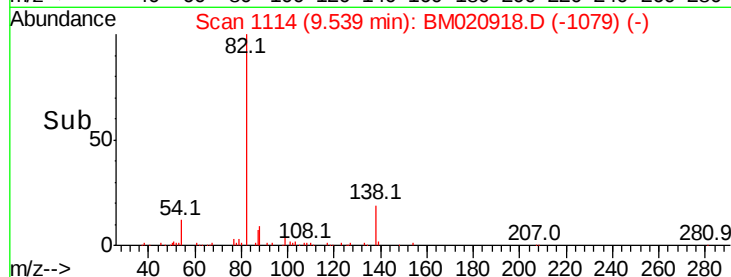
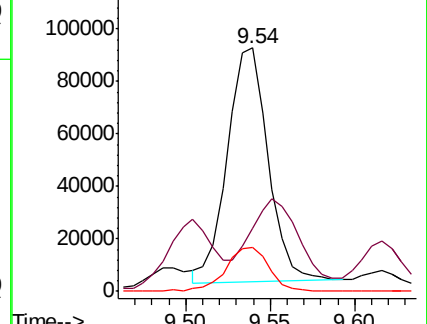
138 17.8 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020810.D (-1106) (-)

Ion 95.00 (94.70 to 95.70): BM020810.D (-1106) (-)

Ion 138.00 (137.70 to 138.70): BM020810.D (-1106) (-)



#25

Bis(2-Chloroethoxy)methane

Concen: 1.048 ng/ul

RT: 10.03 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BM020918.D

Acq: 12 Jun 2019 23:57

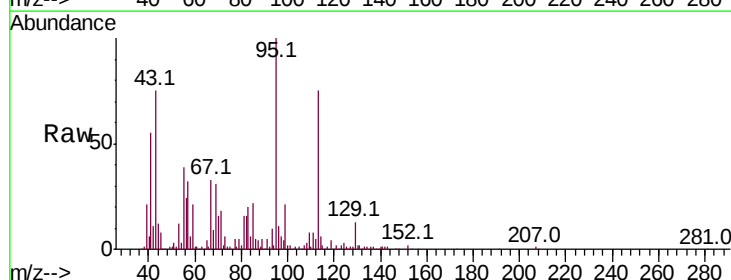
Tgt Ion: 93 Resp: 24335

Ion Ratio Lower Upper

93 100

95 957.1 26.5 39.7#

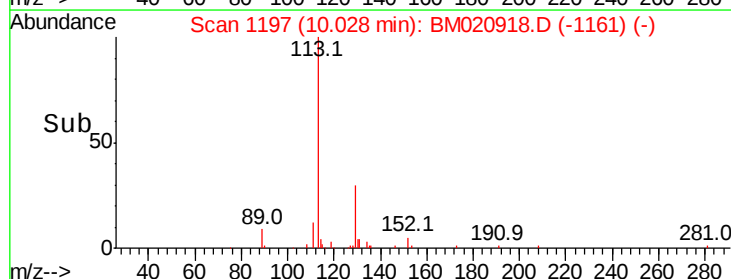
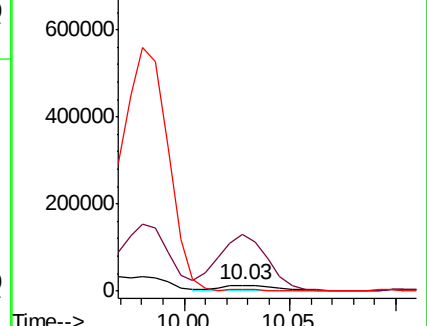
123 23.6 9.0 13.4#

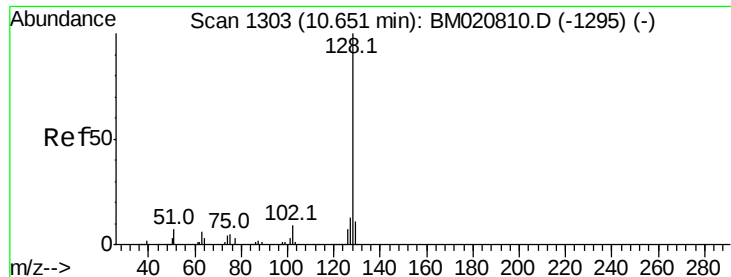


Abundance Ion 93.00 (92.70 to 93.70): BM020810.D (-1188) (-)

Ion 95.00 (94.70 to 95.70): BM020810.D (-1188) (-)

Ion 123.00 (122.70 to 123.70): BM020810.D (-1188) (-)

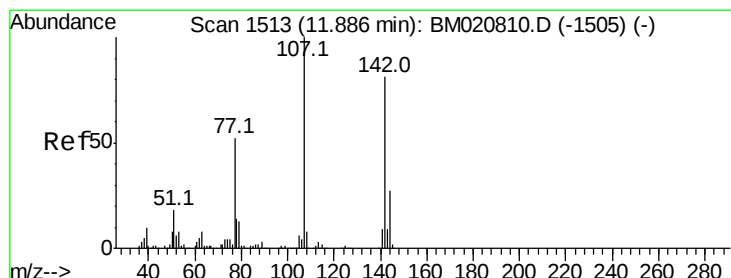
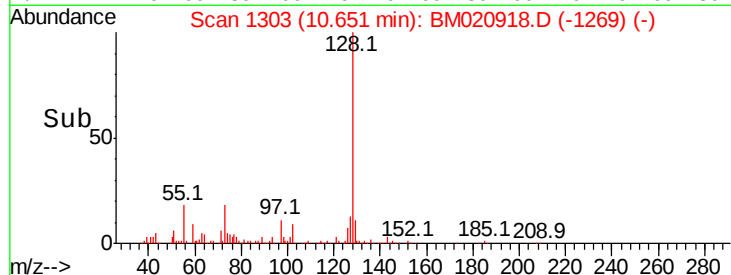
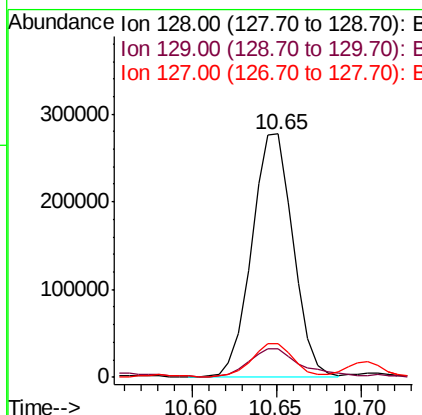
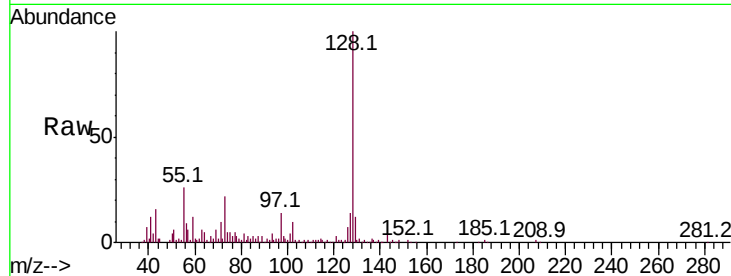




#28
Naphthalene
Concen: 8.484 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM020918.D
Acq: 12 Jun 2019 23:57

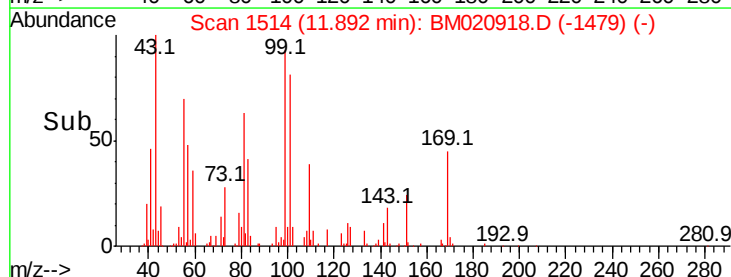
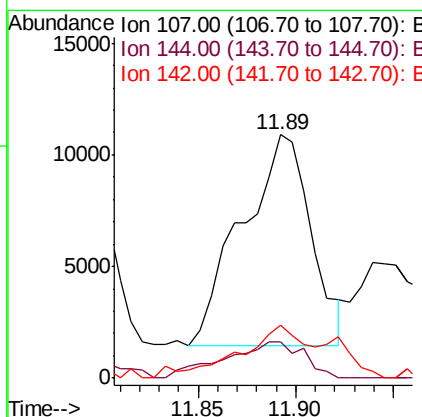
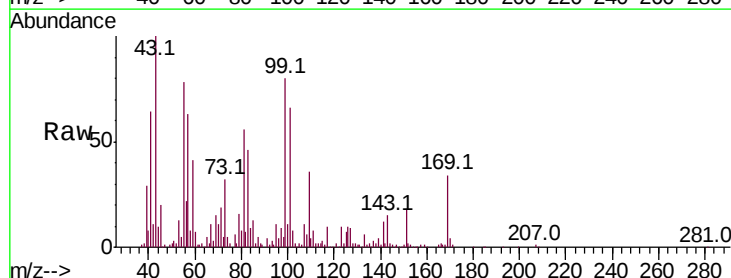
Instrument :
BNA_M
ClientSampleId :

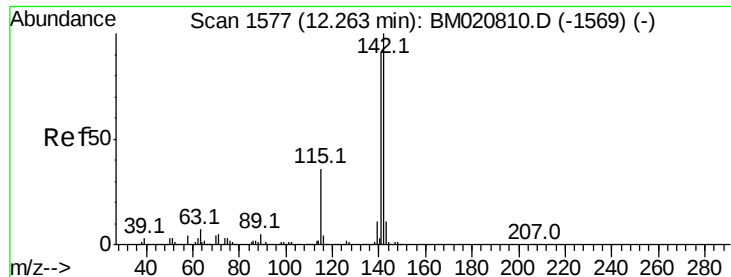
Tot Ion:128 Resp: 469858
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.6 10.2 15.2



#33
4-Chloro-3-methylphenol
Concen: 1.313 ng/ul
RT: 11.89 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BM020918.D
Acq: 12 Jun 2019 23:57

Tgt Ion:107 Resp: 23162
Ion Ratio Lower Upper
107 100
144 15.0 21.3 31.9#
142 21.8 63.2 94.8#

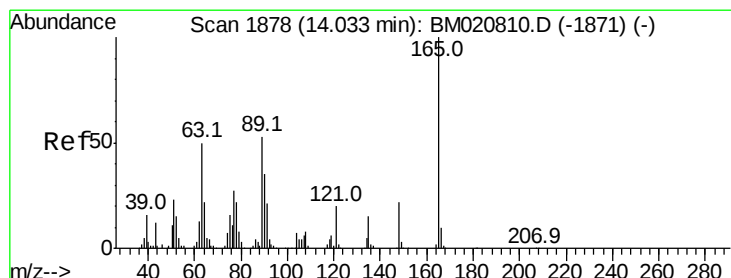
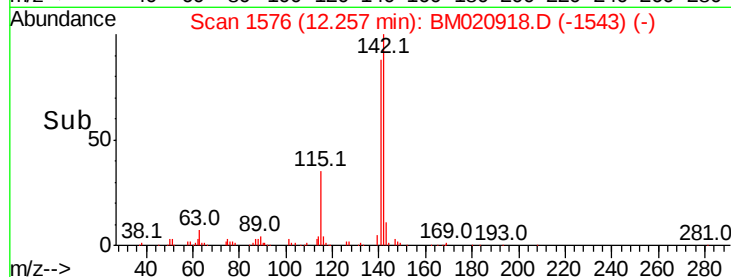
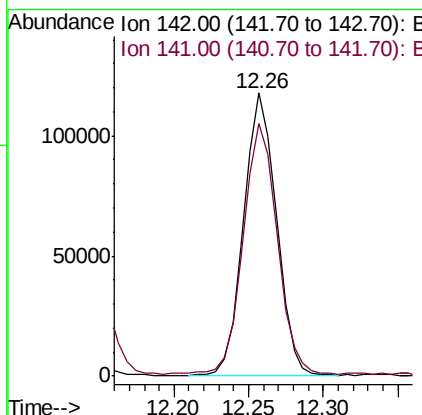
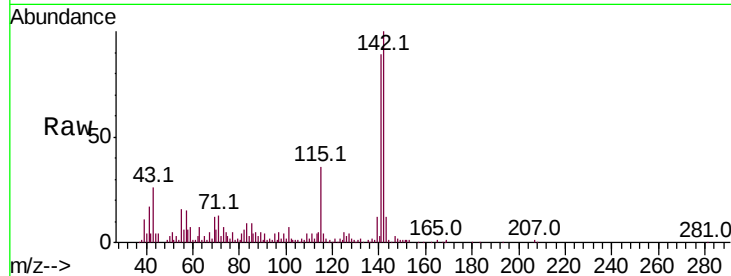




#34
 2-Methylnaphthalene
 Concen: 4.437 ng/ul
 RT: 12.26 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM020918.D
 Acq: 12 Jun 2019 23:57

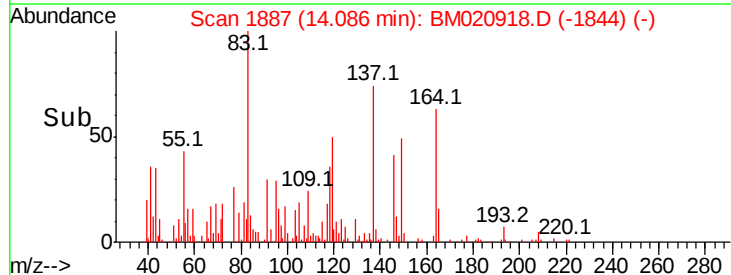
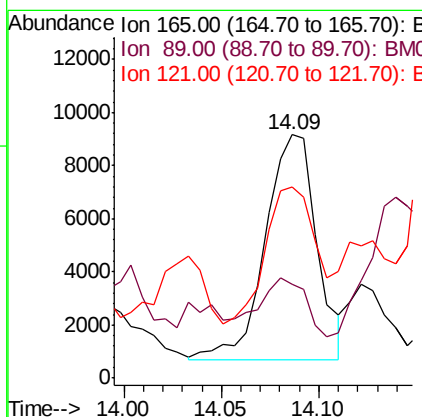
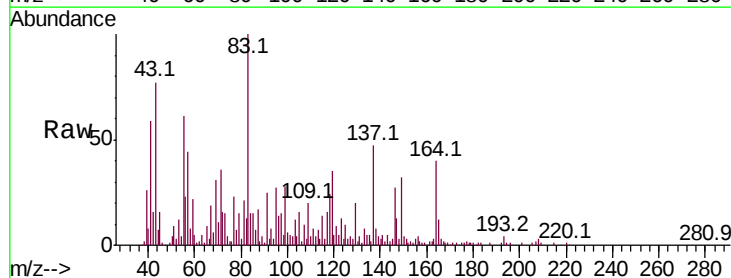
Instrument :
 BNA_M
 ClientSampled :

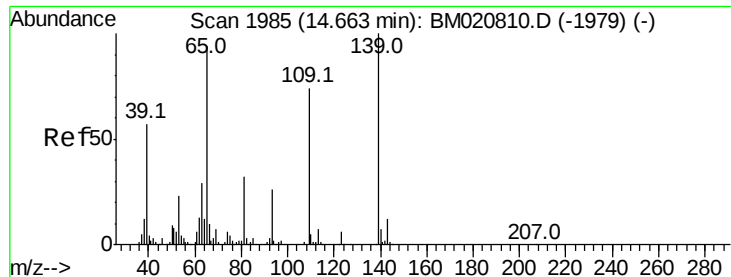
Tot Ion:142 Resp: 180474
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.0



#45
 2,6-Dinitrotoluene
 Concen: 1.635 ng/ul
 RT: 14.09 min Scan# 1887
 Delta R.T. 0.05 min
 Lab File: BM020918.D
 Acq: 12 Jun 2019 23:57

Tgt Ion:165 Resp: 15517
 Ion Ratio Lower Upper
 165 100
 89 38.6 43.1 64.7#
 121 78.5 16.9 25.3#





#52

4-Nitrophenol

Concen: 6.994 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BM020918.D

Acq: 12 Jun 2019 23:57

Instrument :

BNA_M

ClientSampleId :

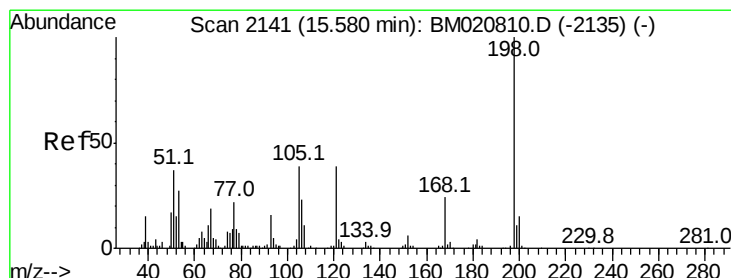
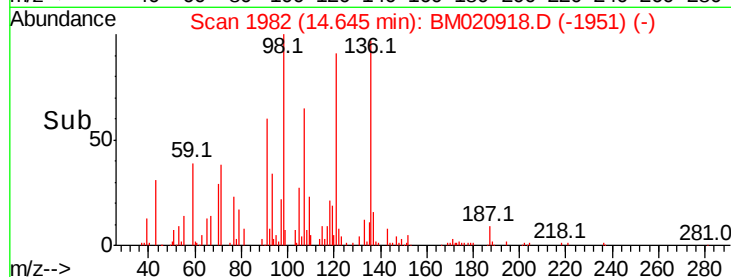
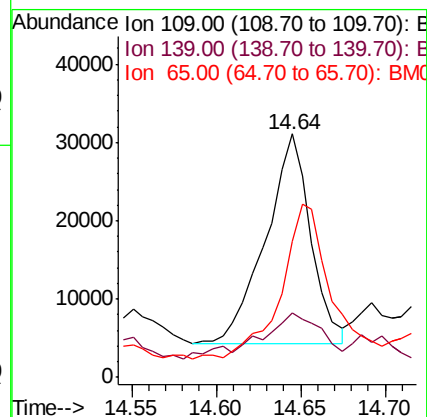
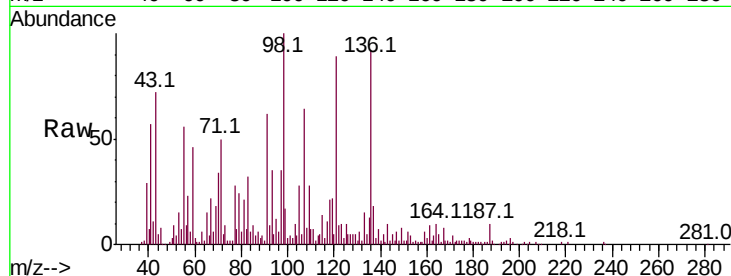
Tot Ion:109 Resp: 49729

Ion Ratio Lower Upper

109 100

139 26.6 105.9 158.9#

65 55.8 106.2 159.4#



#63

4,6-Dinitro-2-methylphenol

Concen: 1.529 ng/ul

RT: 15.59 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BM020918.D

Acq: 12 Jun 2019 23:57

Tgt Ion:198 Resp: 11802

Ion Ratio Lower Upper

198 100

182 9.7 3.7 5.5#

77 119.8 19.3 28.9#

