

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
 Data File : BM023406.D
 Acq On : 25 Oct 2019 14:44
 Operator : JU
 Sample : K5344-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 25 22:11:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	622751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2538712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	1571533	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2715945	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1933222	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2295094	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	63139	4.82	ng/uL	0.00
5) Phenol-d5	6.81	99	274877	5.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	614869	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	728638	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	491306	11.57	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	455167	23.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	492051	23.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	889471	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	93739	1.96	ng/ul	-0.02
44) Dimethylphthalate-d6	13.70	166	2869514	24.04	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3134199	22.93	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	117656	5.69	ng/ul	0.00
58) Fluorene-d10	15.28	176	2266965	22.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	290920	17.21	ng/ul	0.00
71) Anthracene-d10	17.13	188	3098179	24.14	ng/ul	0.00
79) Pyrene-d10	19.43	212	2639865	24.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2789292	23.86	ng/ul	0.00

Target Compounds

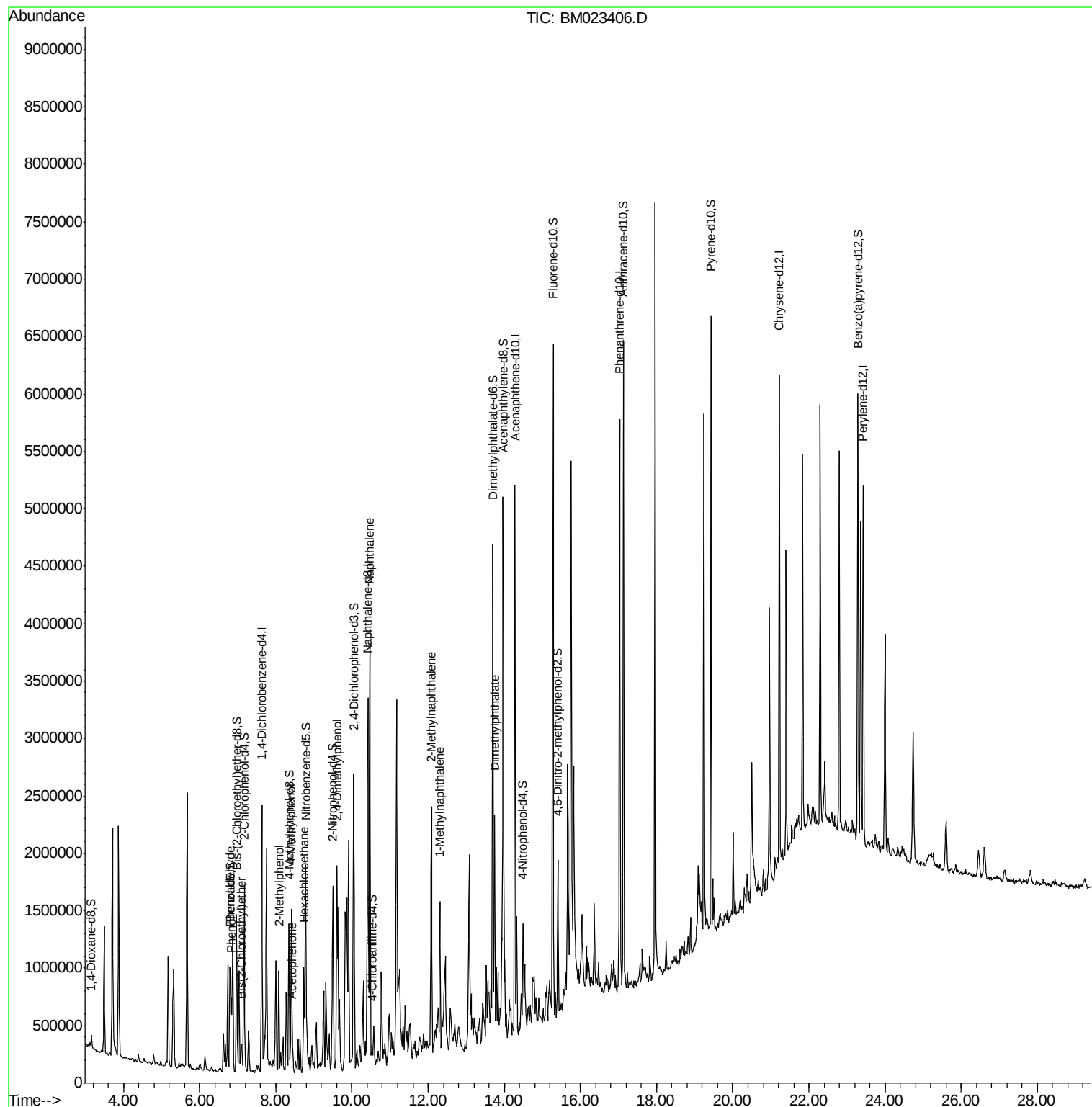
					Ovalue	
4) Benzaldehyde	6.79	77	58243	1.934	ng/ul#	1
6) Phenol	6.84	94	352225	6.540	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	71146	1.694	ng/ul#	25
11) 2-Methylphenol	8.08	108	294772	7.158	ng/ul	96
14) Acetophenone	8.45	105	162653	2.451	ng/ul#	55
16) 4-Methylphenol	8.41	108	549066	12.162	ng/ul	92
17) Hexachloroethane	8.74	117	100995	5.665	ng/ul#	5
24) 2,4-Dimethylphenol	9.60	107	649373	13.574	ng/ul	98
28) Naphthalene	10.46	128	2672574	20.539	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	997436	10.035	ng/ul	97
35) 1-Methylnaphthalene	12.30	142	611886	6.379	ng/ul	99
45) Dimethylphthalate	13.74	163	1221787	10.197	ng/ul	99

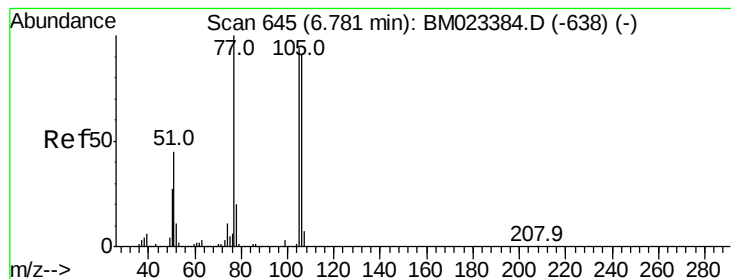
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.934 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

Instrument :

BNA_M

ClientSampled :

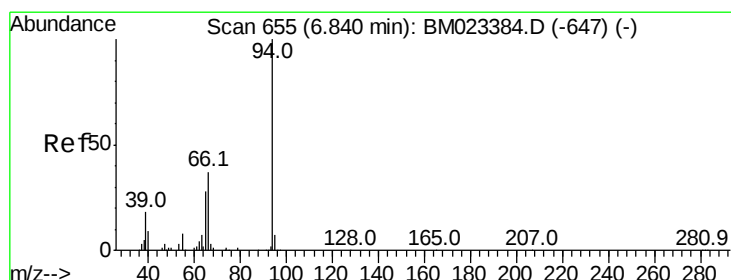
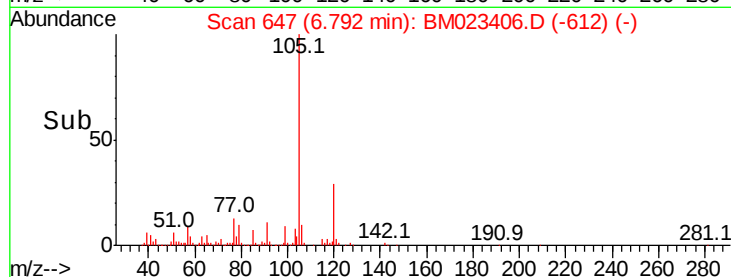
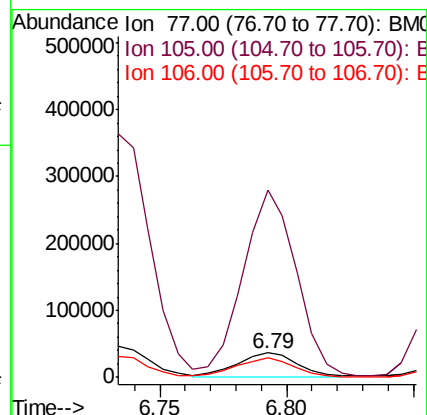
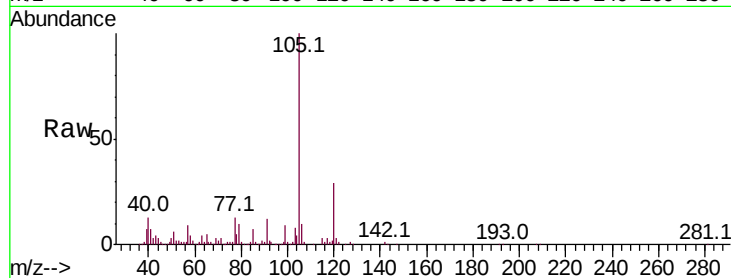
Tot Ion: 77 Resp: 58243

Ion Ratio Lower Upper

77 100

105 762.4 75.4 113.2#

106 79.0 71.3 106.9



#6

Phenol

Concen: 6.540 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

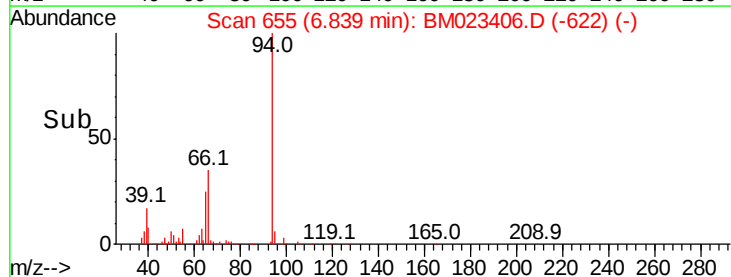
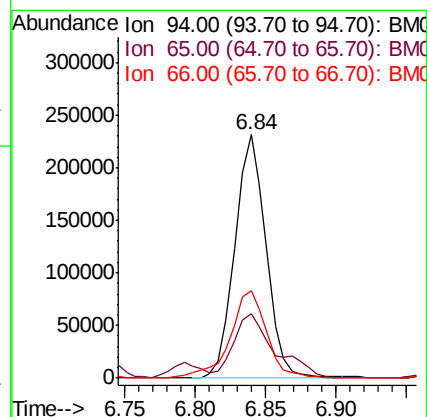
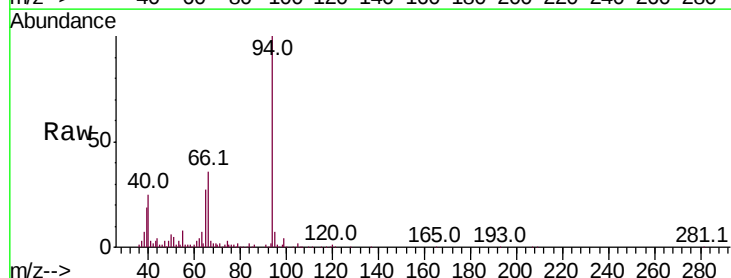
Tgt Ion: 94 Resp: 352225

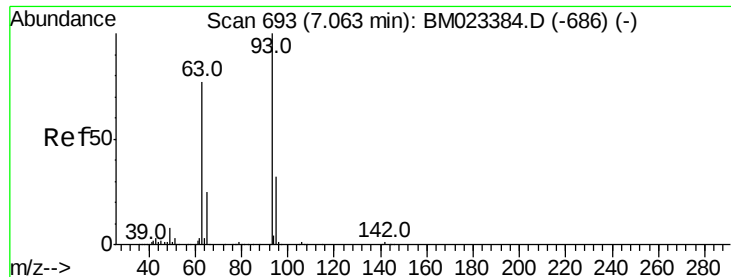
Ion Ratio Lower Upper

94 100

65 26.6 22.9 34.3

66 35.8 31.4 47.2



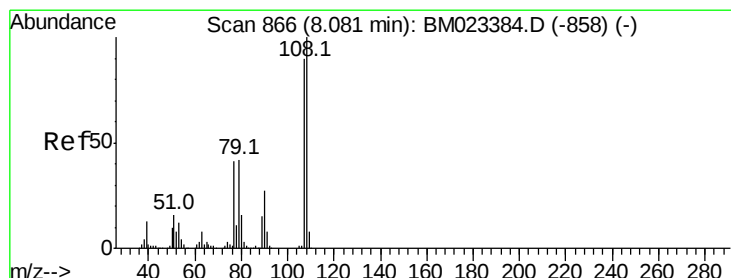
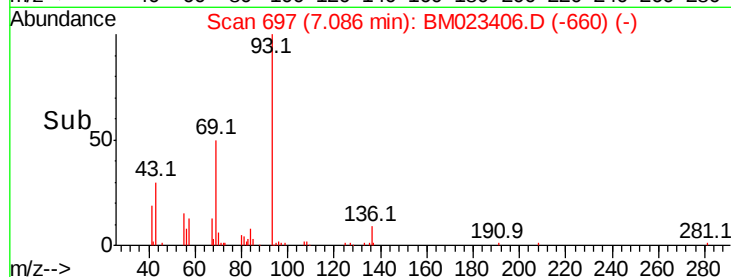
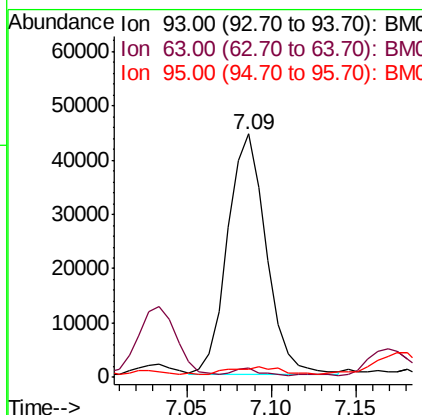
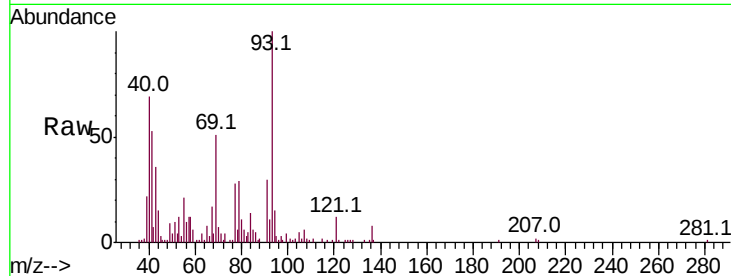


#8

Bis(2-Chloroethyl)ether
Concen: 1.694 ng/ul
RT: 7.09 min Scan# 697
Delta R.T. 0.02 min
Lab File: BM023406.D
Acq: 25 Oct 2019 14:44

Instrument :
BNA_M
ClientSampleId :

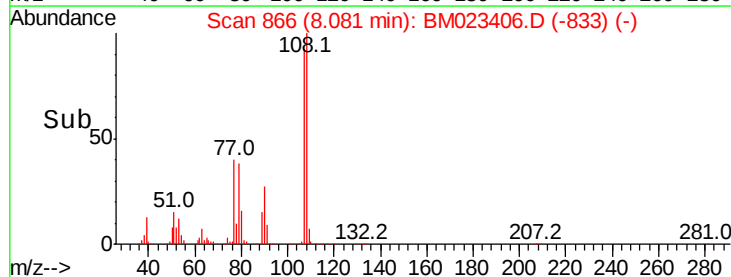
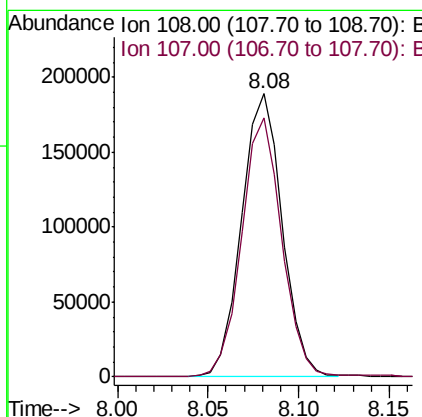
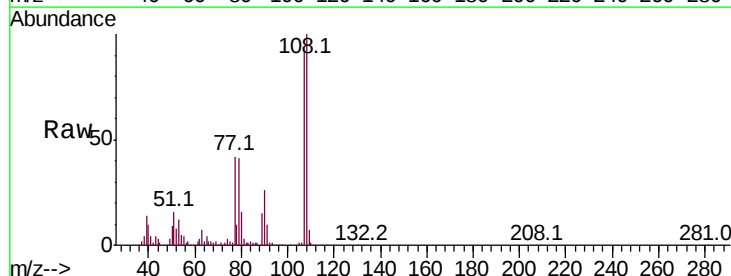
Tot Ion: 93 Resp: 71146
Ion Ratio Lower Upper
93 100
63 3.7 61.4 92.0#
95 3.2 26.1 39.1#

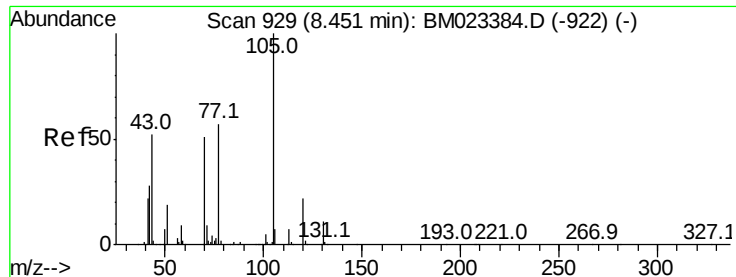


#11

2-Methylphenol
Concen: 7.158 ng/ul
RT: 8.08 min Scan# 866
Delta R.T. -0.01 min
Lab File: BM023406.D
Acq: 25 Oct 2019 14:44

Tgt Ion: 108 Resp: 294772
Ion Ratio Lower Upper
108 100
107 91.7 70.6 106.0





#14

Acetophenone

Concen: 2.451 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

Instrument :

BNA_M

ClientSampleId :

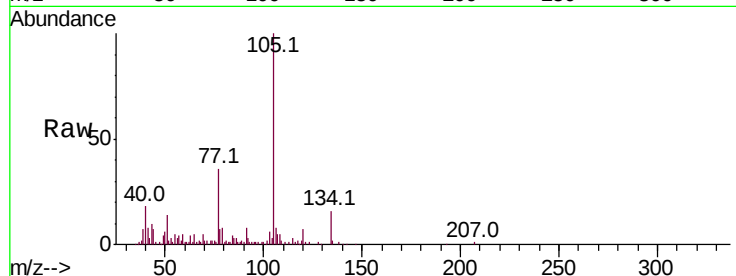
Tot Ion:105 Resp: 162653

Ion Ratio Lower Upper

105 100

77 35.7 64.8 97.2#

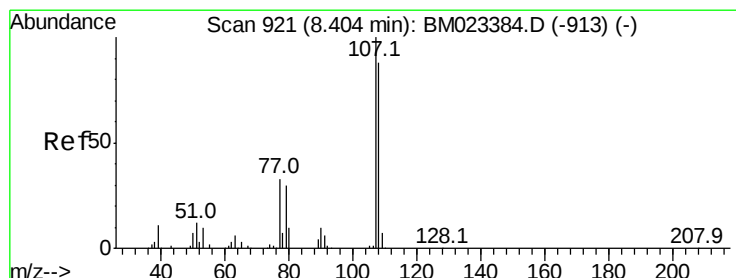
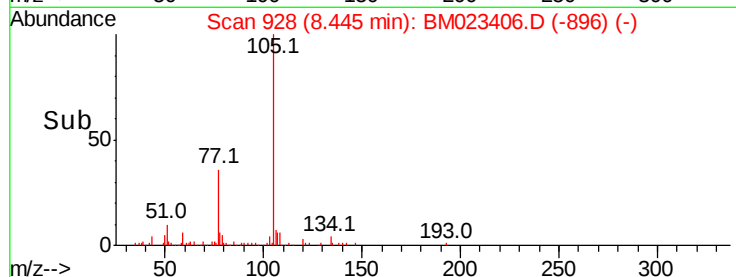
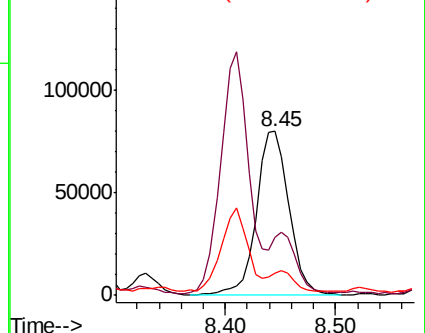
51 13.7 21.3 31.9#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#16

4-Methylphenol

Concen: 12.162 ng/ul

RT: 8.41 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM023406.D

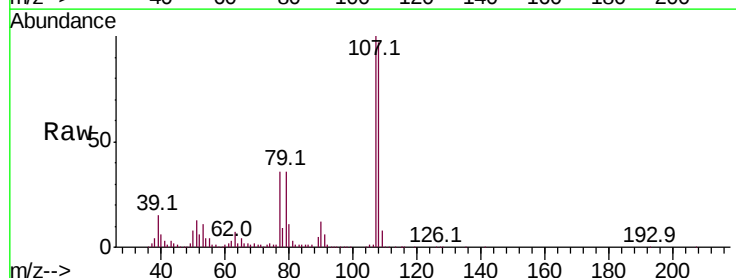
Acq: 25 Oct 2019 14:44

Tgt Ion:108 Resp: 549066

Ion Ratio Lower Upper

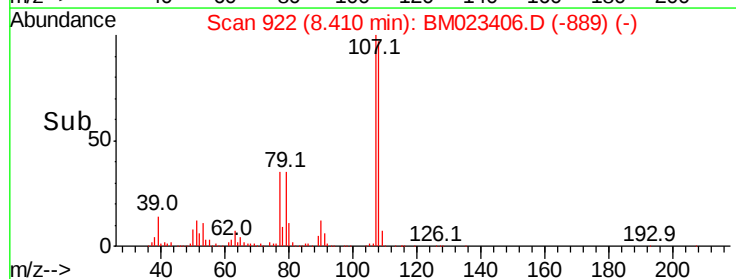
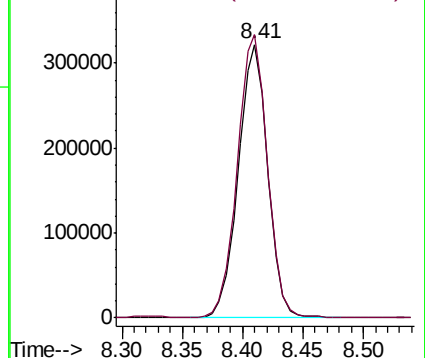
108 100

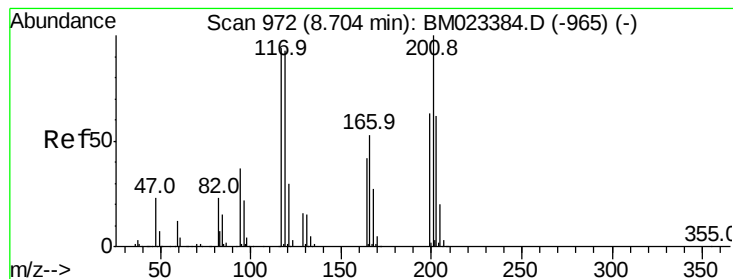
107 103.5 89.7 134.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 5.665 ng/ul

RT: 8.74 min Scan# 978

Delta R.T. 0.02 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

Instrument :

BNA_M

ClientSampleId :

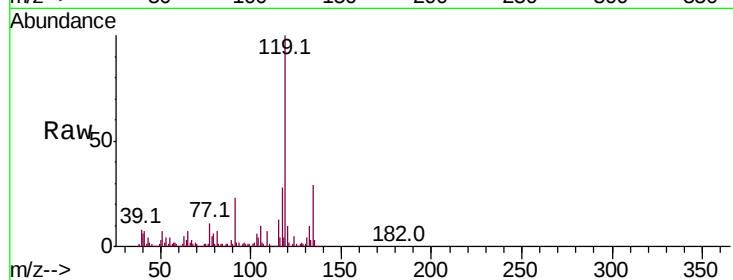
Tot Ion:117 Resp: 100995

Ion Ratio Lower Upper

117 100

201 0.0 83.5 125.3#

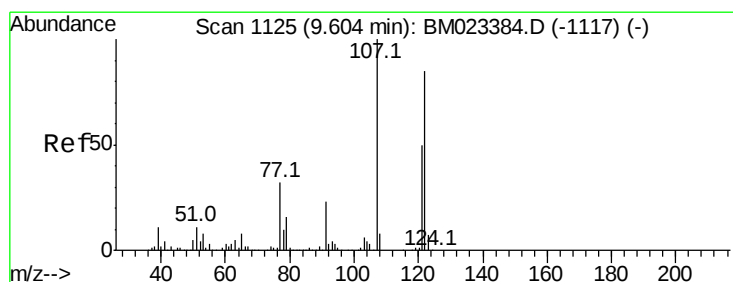
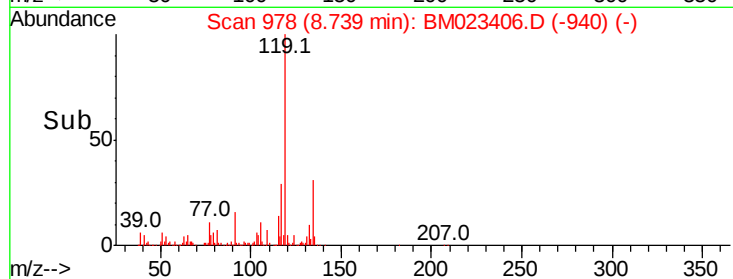
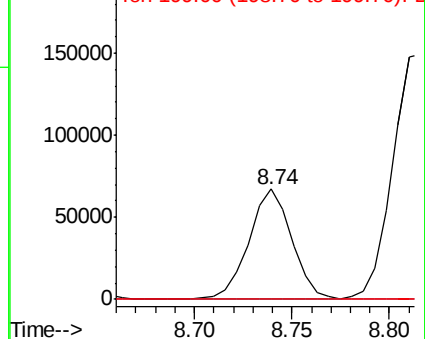
199 0.0 53.6 80.4#



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



#24

2,4-Dimethylphenol

Concen: 13.574 ng/ul

RT: 9.60 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

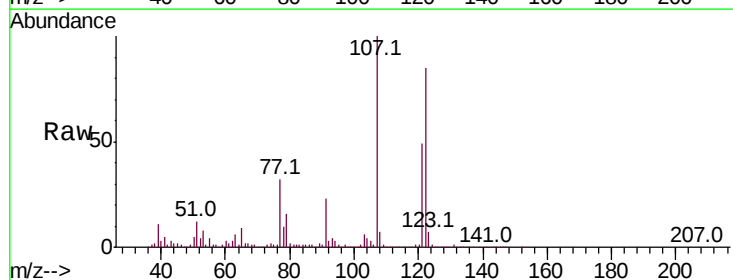
Tgt Ion:107 Resp: 649373

Ion Ratio Lower Upper

107 100

121 49.5 39.8 59.8

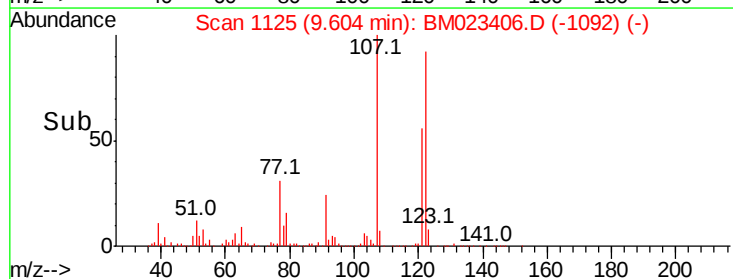
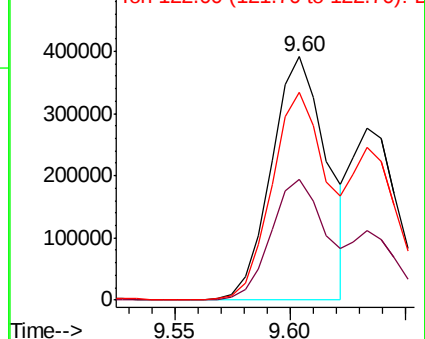
122 85.4 66.4 99.6

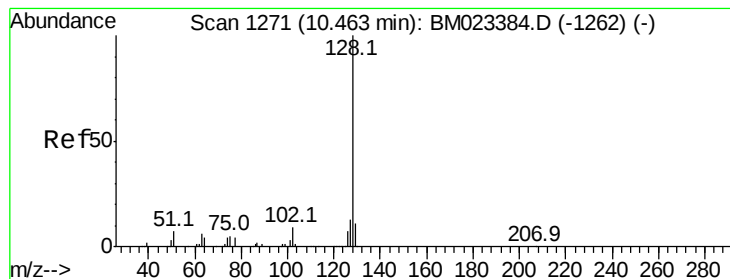


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 20.539 ng/ul

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

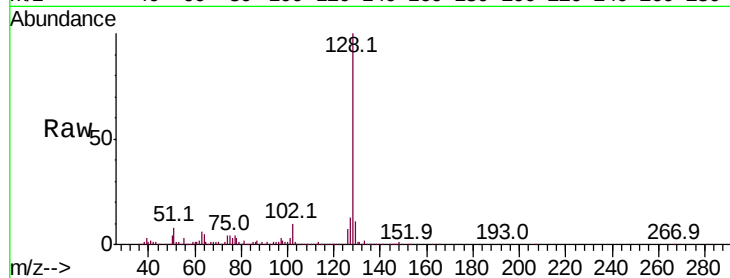
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 2672574

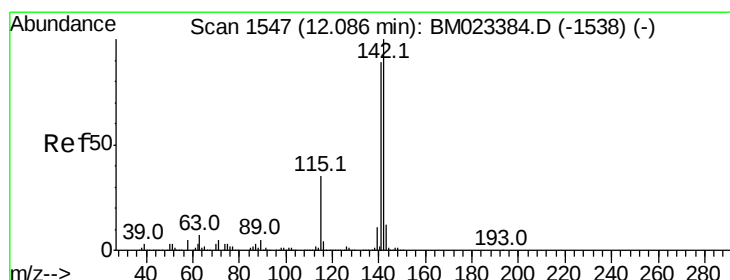
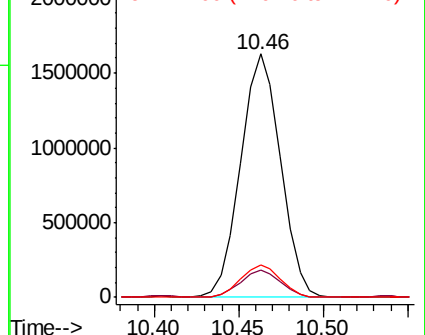
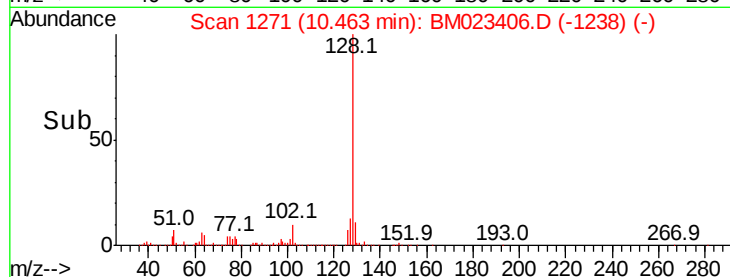
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.4	15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 10.035 ng/ul

RT: 12.09 min Scan# 1547

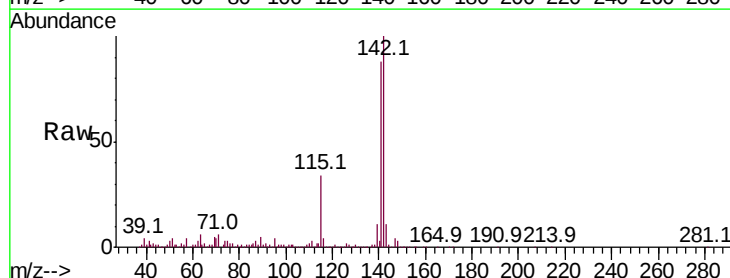
Delta R.T. -0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

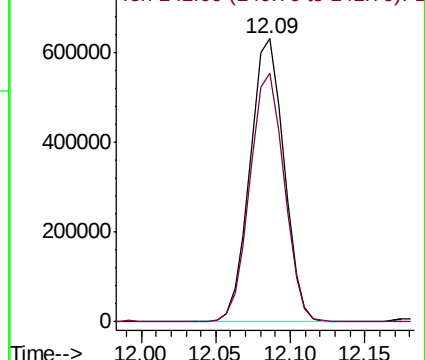
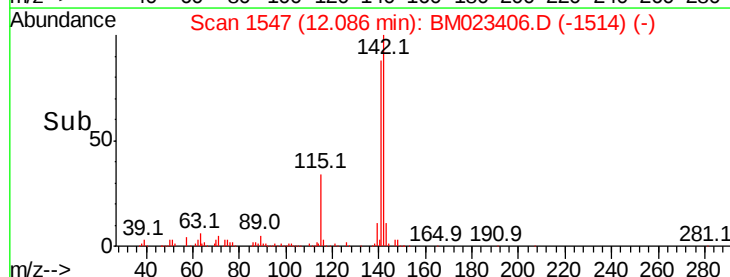
Tgt Ion:142 Resp: 997436

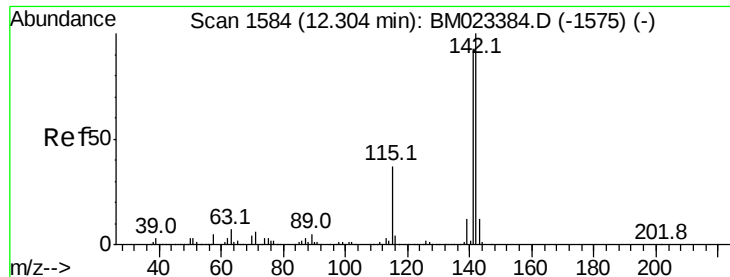
Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.4	108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

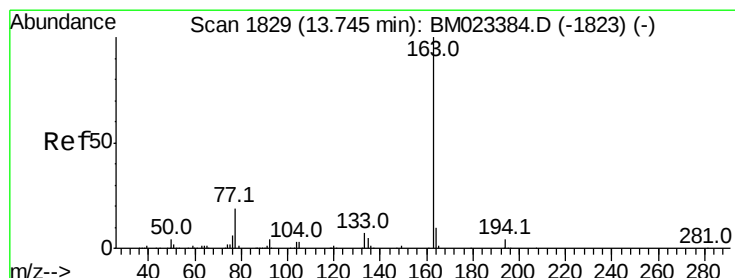
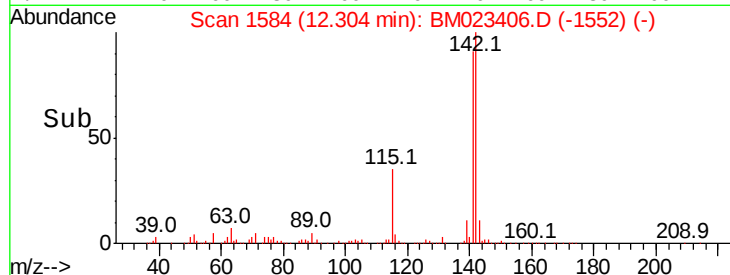
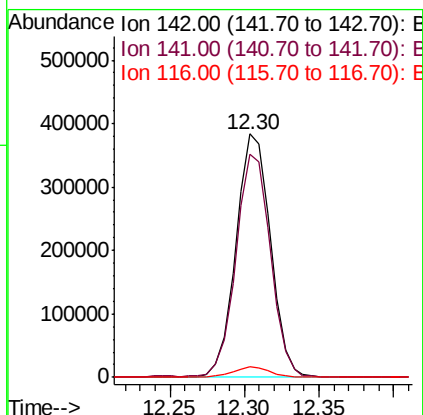
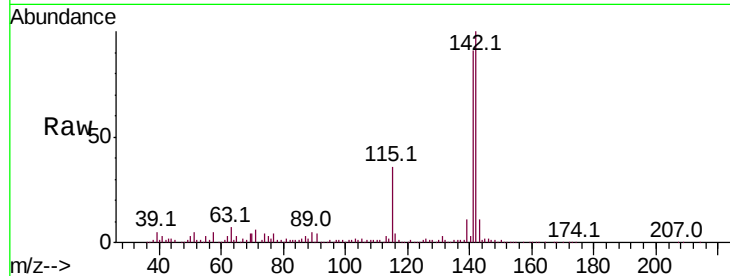




#35
1-Methylnaphthalene
Concen: 6.379 ng/ul
RT: 12.30 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM023406.D
Acq: 25 Oct 2019 14:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.6	110.4
116	4.2	3.3	4.9



#45
Dimethylphthalate
Concen: 10.197 ng/ul
RT: 13.74 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM023406.D
Acq: 25 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	7.9	11.9

