

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
 Data File : BM020997.D
 Acq On : 18 Jun 2019 02:38
 Operator : HP/JU
 Sample : K3215-13DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8J8DL

Quant Time: Jun 18 05:59:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 18 05:54:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	297165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1307075	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	871672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2158443	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	2213213	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	2156478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1120	0.18	ng/uL	0.01
5) Phenol-d5	6.97	99	22703	0.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	45456	2.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	55484	2.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	42155	1.95	ng/ul	0.01
19) Nitrobenzene-d5	8.95	128	32710	3.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	36374	3.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	78108	3.26	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	1951	0.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	265483	3.37	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	309343	3.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	28170	2.20	ng/ul	0.00
57) Fluorene-d10	15.42	176	237016	3.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	305355	23.01	ng/ul	0.01
70) Anthracene-d10	17.27	188	369021	3.29	ng/ul	0.00
78) Pyrene-d10	19.57	212	418335	3.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	387172	3.04	ng/ul	0.00

Target Compounds

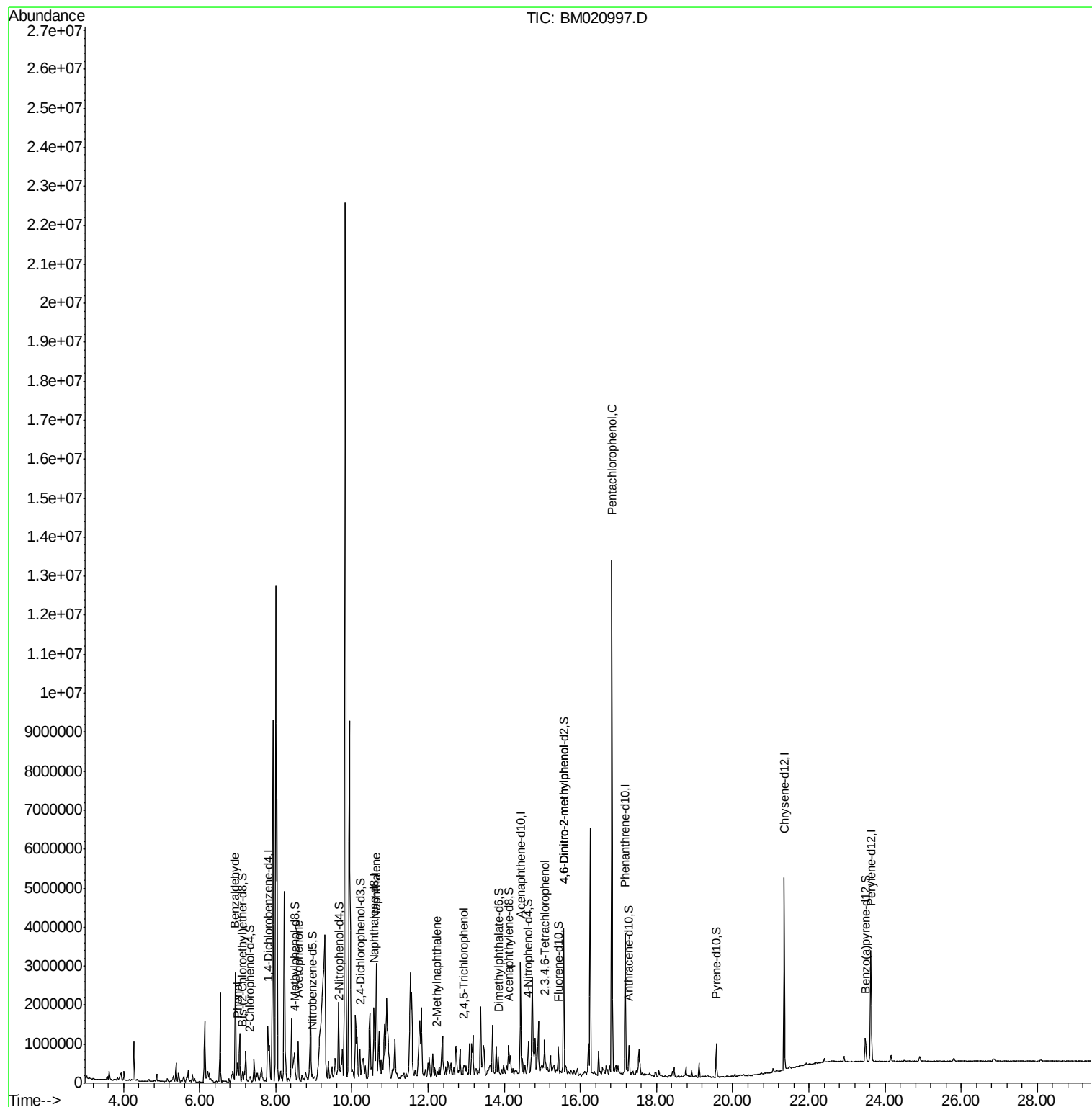
					Qvalue	
4) Benzaldehyde	6.93	77	12914	1.095	ng/ul#	1
6) Phenol	6.99	94	230960	9.440	ng/ul	98
14) Acetophenone	8.58	105	47570	1.531	ng/ul#	39
28) Naphthalene	10.63	128	169893	2.532	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	64617	1.256	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	57551	2.786	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	149547	8.302	ng/ul#	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	872399	65.498	ng/ul#	60
68) Pentachlorophenol	16.83	266	2493318	163.917	ng/ul	97

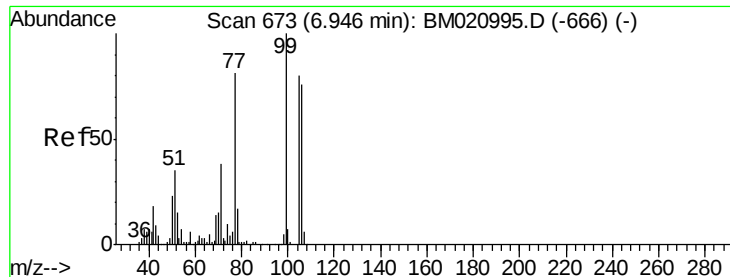
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.095 ng/ul

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020997.D

Acq: 18 Jun 2019 02:38

Instrument :

BNA_M

ClientSampleId :

DB8J8DL

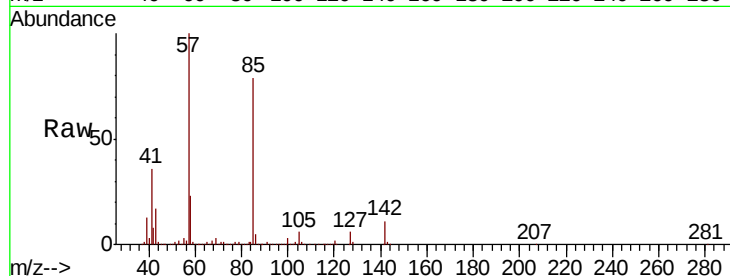
Tgt Ion: 77 Resp: 12914

Ion Ratio Lower Upper

77 100

105 574.0 78.1 117.1#

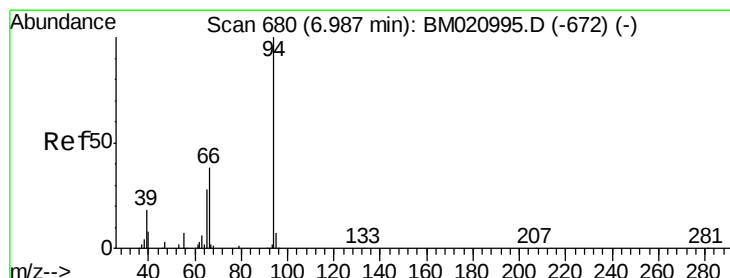
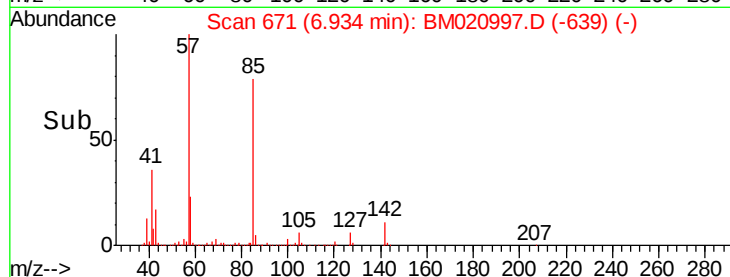
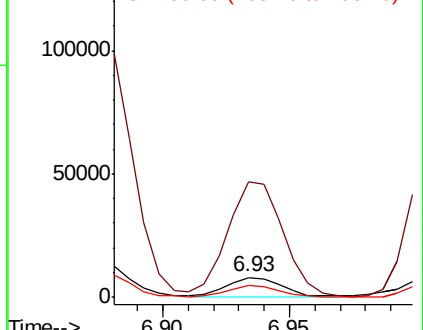
106 56.7 73.4 110.2#



Abundance Ion 77.00 (76.70 to 77.70): BM020997.D (-639) (-)

Ion 105.00 (104.70 to 105.70): BM020997.D (-639) (-)

Ion 106.00 (105.70 to 106.70): BM020997.D (-639) (-)



#6

Phenol

Concen: 9.440 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020997.D

Acq: 18 Jun 2019 02:38

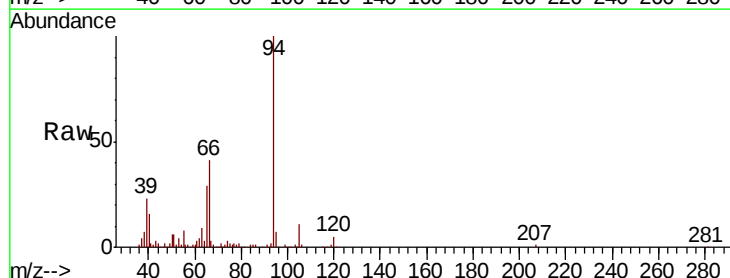
Tgt Ion: 94 Resp: 230960

Ion Ratio Lower Upper

94 100

65 29.2 22.6 34.0

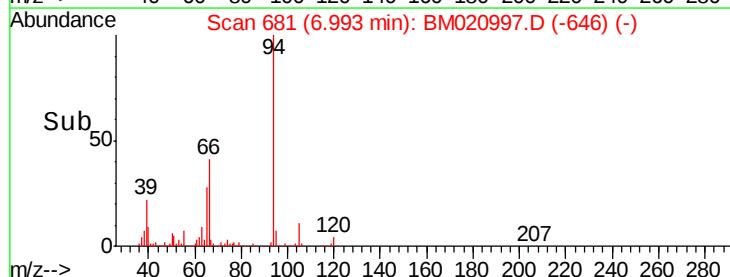
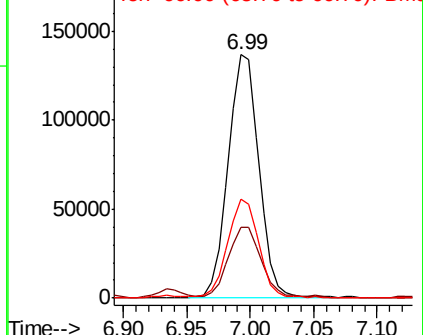
66 40.7 31.2 46.8

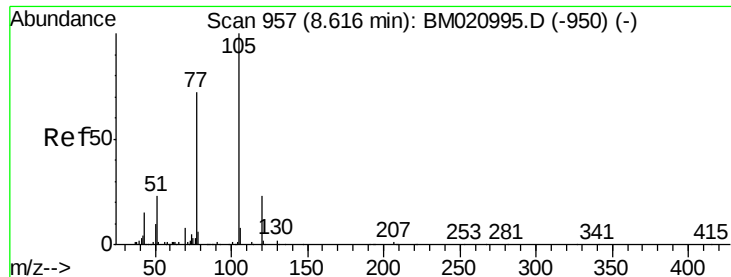


Abundance Ion 94.00 (93.70 to 94.70): BM020997.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM020997.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM020997.D (-646) (-)





#14

Acetophenone

Concen: 1.531 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. -0.04 min

Lab File: BM020997.D

Acq: 18 Jun 2019 02:38

Instrument :

BNA_M

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DB8J8DL

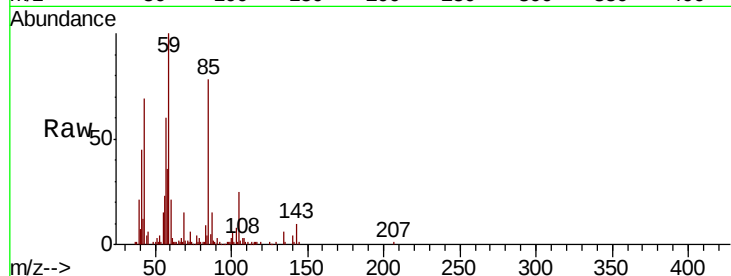
Tgt Ion:105 Resp: 47570

Ion Ratio Lower Upper

105 100

77 17.2 63.8 95.6#

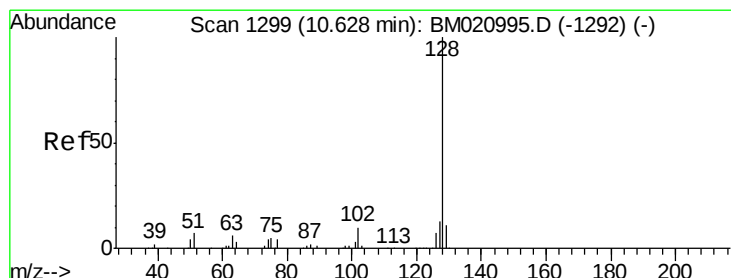
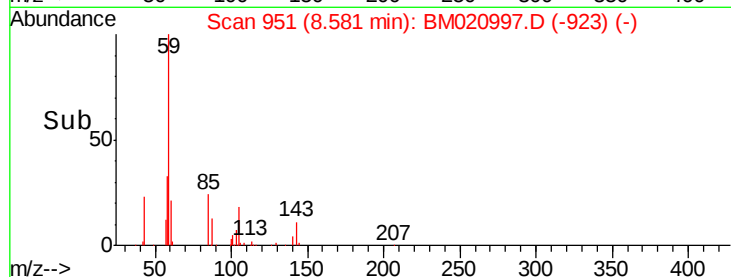
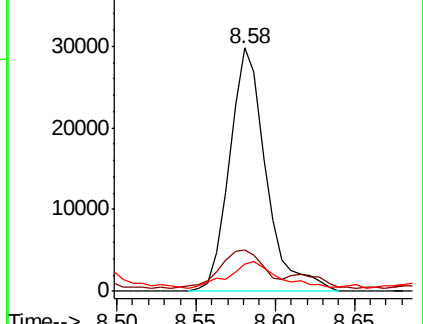
51 11.0 19.3 28.9#



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



#28

Naphthalene

Concen: 2.532 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BM020997.D

Acq: 18 Jun 2019 02:38

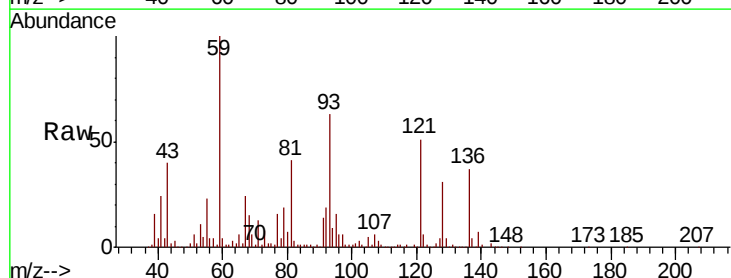
Tgt Ion:128 Resp: 169893

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

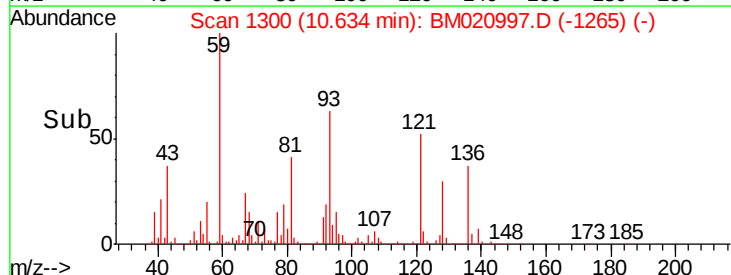
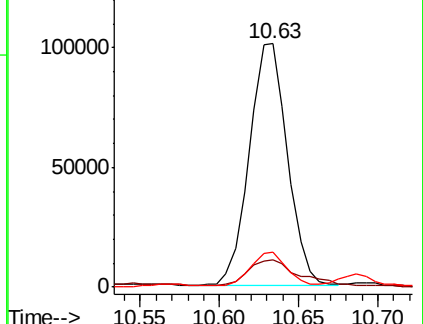
127 14.5 10.6 15.8

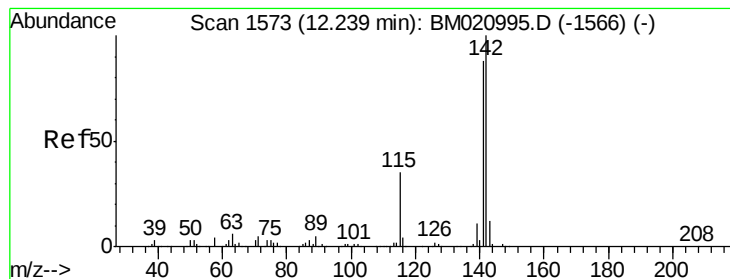


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 1.256 ng/ul

RT: 12.24 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BM020997.D

Acq: 18 Jun 2019 02:38

Instrument :

BNA_M

ClientSampleId :

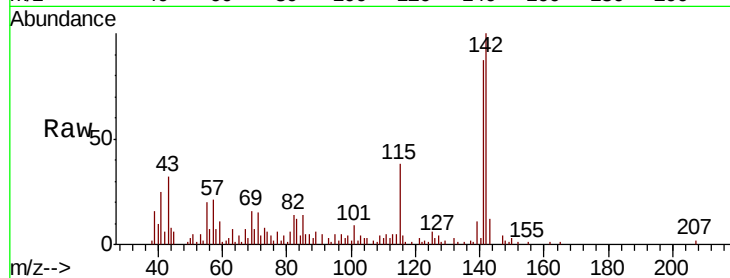
DB8J8DL

Tgt Ion:142 Resp: 64617

Ion Ratio Lower Upper

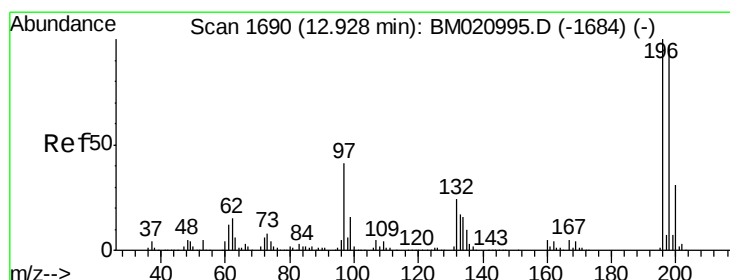
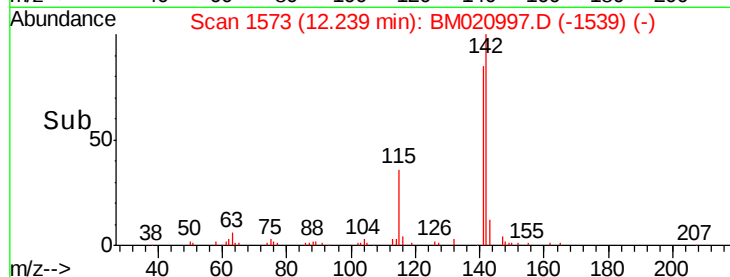
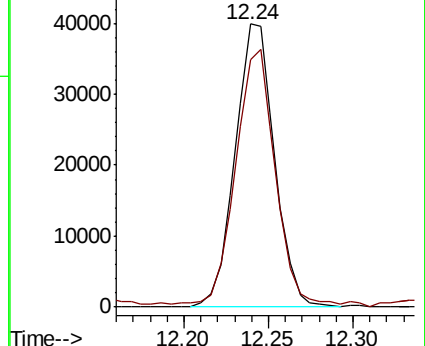
142 100

141 87.5 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#39

2,4,5-Trichlorophenol

Concen: 2.786 ng/ul

RT: 12.93 min Scan# 1691

Delta R.T. 0.01 min

Lab File: BM020997.D

Acq: 18 Jun 2019 02:38

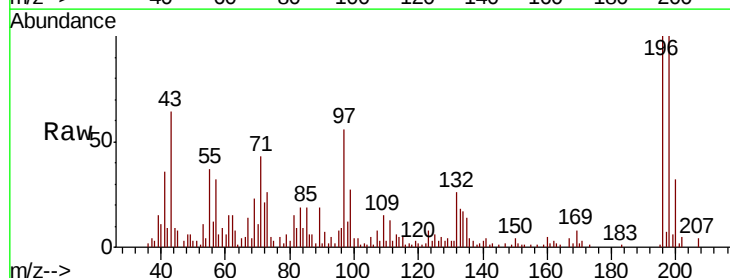
Tgt Ion:196 Resp: 57551

Ion Ratio Lower Upper

196 100

198 100.0 77.0 115.6

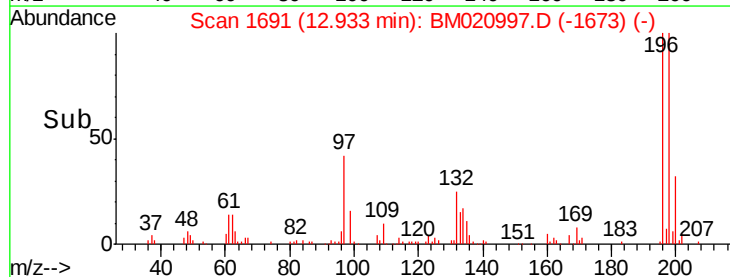
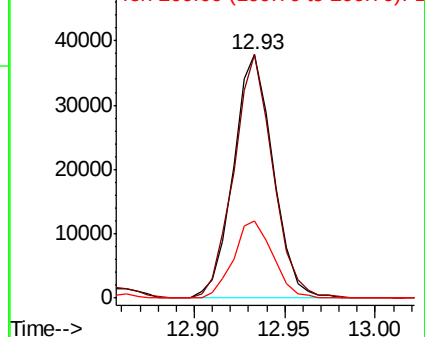
200 32.0 24.7 37.1

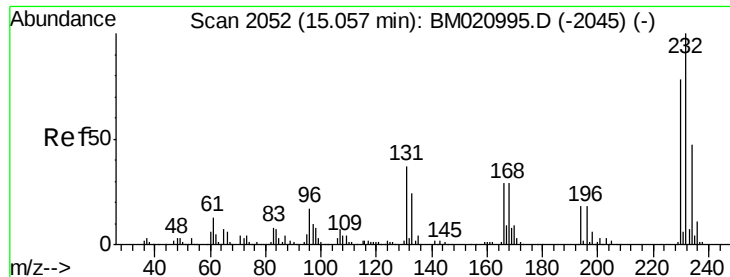


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

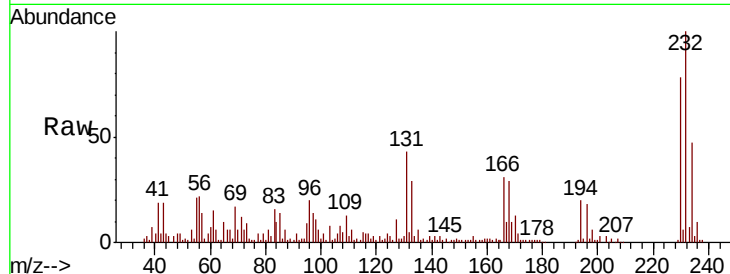




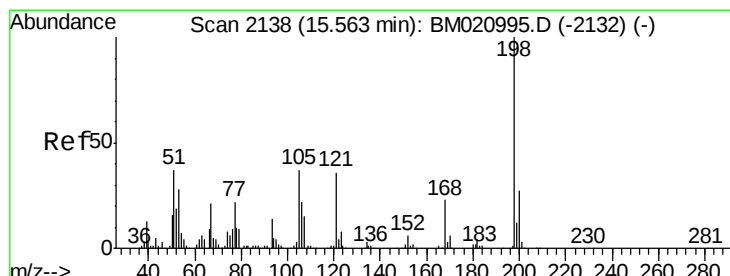
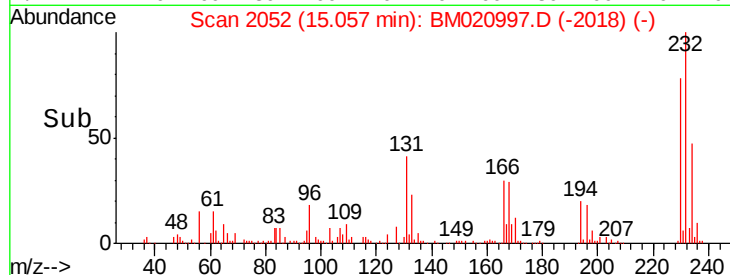
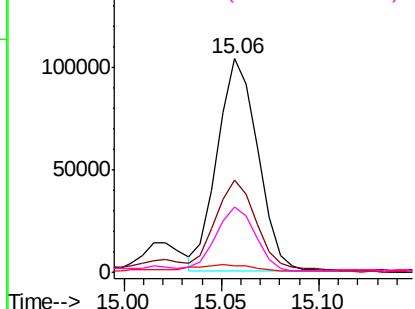
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 8.302 ng/ul
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BM020997.D
 Acq: 18 Jun 2019 02:38

Instrument :
 BNA_M
 ClientSampleId :
 DB8J8DL

Tgt Ion:	232	Resp:	149547
Ion	Ratio	Lower	Upper
232	100		
131	43.1	31.0	46.4
130	3.2	1.8	2.6#
166	30.5	23.6	35.4

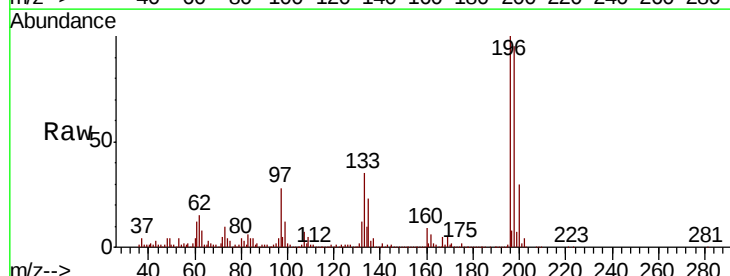


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

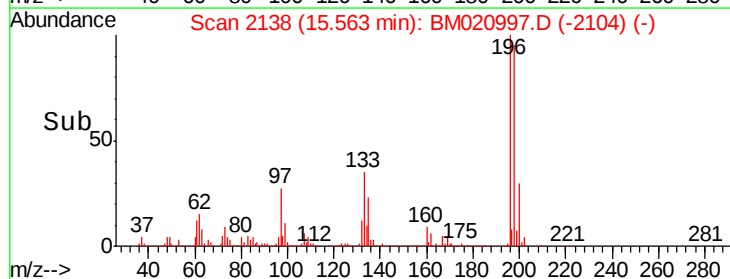
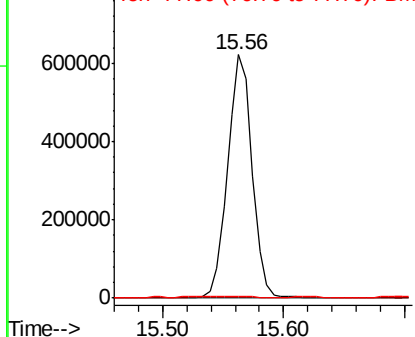


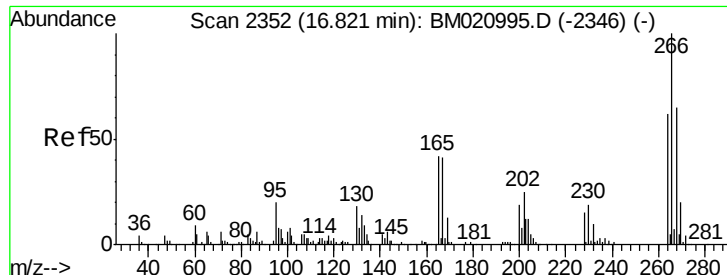
#63
 4,6-Dinitro-2-methylphenol
 Concen: 65.498 ng/ul
 RT: 15.56 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BM020997.D
 Acq: 18 Jun 2019 02:38

Tgt Ion:	198	Resp:	872399
Ion	Ratio	Lower	Upper
198	100		
182	0.1	3.7	5.5#
77	0.8	18.4	27.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM





#68

Pentachlorophenol

Concen: 163.917 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BM020997.D

Acq: 18 Jun 2019 02:38

Instrument :

BNA_M

ClientSampleId :

DB8J8DL

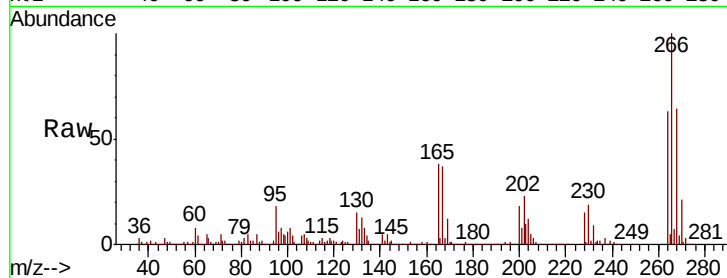
Tgt Ion:266 Resp: 2493318

Ion Ratio Lower Upper

266 100

264 63.5 49.9 74.9

268 63.8 53.4 80.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

