

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061819\
 Data File : BM021029.D
 Acq On : 19 Jun 2019 01:34
 Operator : HP/JU
 Sample : K3215-13DL2 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8J8DL2

Quant Time: Jun 19 03:19:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 19 00:56:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	221924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	968482	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	645907	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1424271	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1139884	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1211178	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	187	0.04	ng/uL	0.00
5) Phenol-d5	6.96	99	9583	0.50	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	19397	1.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	23987	1.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	18998	1.18	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	13828	1.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	15964	1.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	34111	1.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	713	0.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	117419	2.01	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	136684	1.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	8250	0.87	ng/ul	0.00
57) Fluorene-d10	15.42	176	105604	2.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	112088	12.80	ng/ul	0.01
70) Anthracene-d10	17.27	188	144477	1.95	ng/ul	0.00
78) Pyrene-d10	19.56	212	144581	2.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	132528	1.85	ng/ul	0.00

Target Compounds

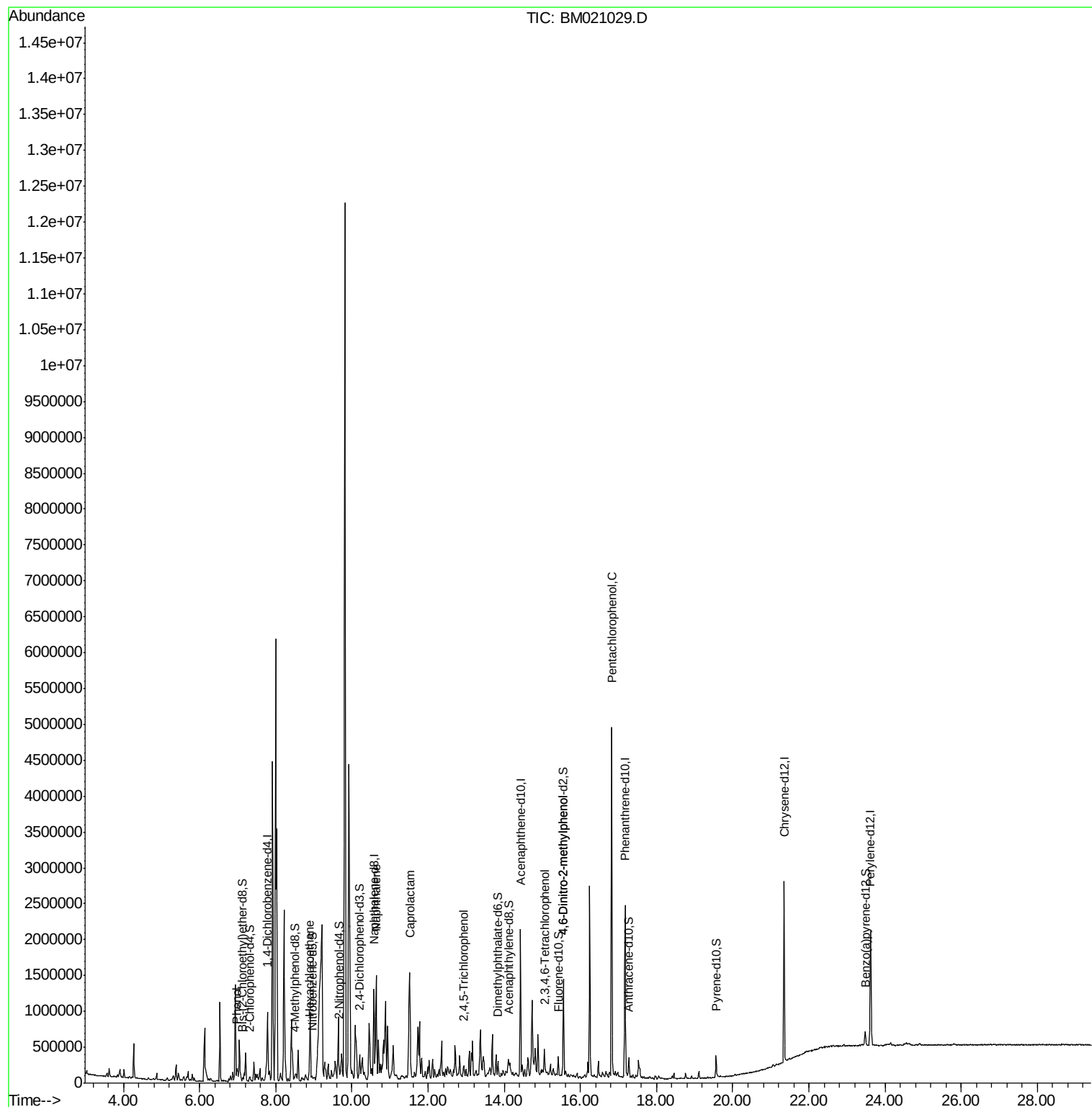
					Qvalue
6) Phenol	6.99	94	99086	5.423	ng/ul 98
17) Hexachloroethane	8.88	117	6936	1.125	ng/ul# 1
28) Naphthalene	10.63	128	79013	1.589	ng/ul 99
32) Caprolactam	11.52	113	6128	1.349	ng/ul# 1
39) 2,4,5-Trichlorophenol	12.92	196	24088	1.574	ng/ul 98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	62428	4.677	ng/ul# 98
63) 4,6-Dinitro-2-methylphenol	15.56	198	324120	36.878	ng/ul# 60
68) Pentachlorophenol	16.82	266	886776	88.350	ng/ul 99

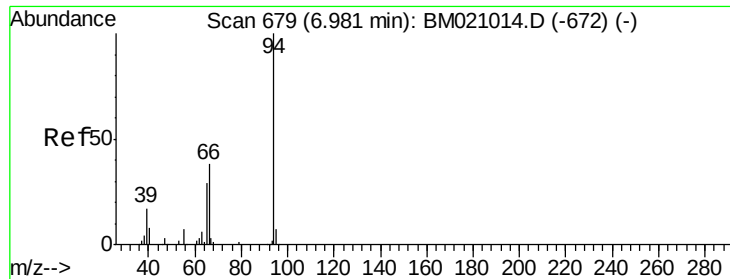
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.423 ng/ul

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM021029.D

Acq: 19 Jun 2019 01:34

Instrument :

BNA_M

ClientSampleId :

DB8J8DL2

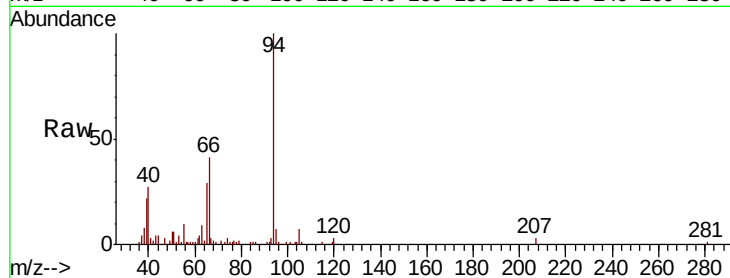
Tgt Ion: 94 Resp: 99086

Ion Ratio Lower Upper

94 100

65 28.9 22.6 34.0

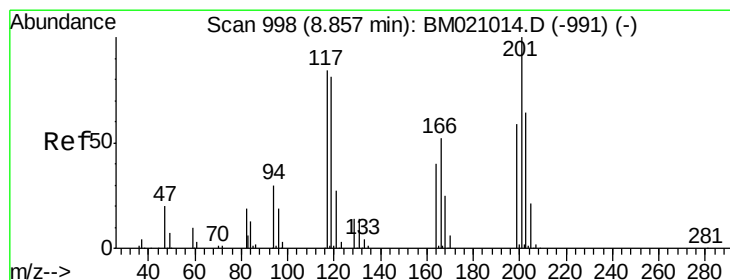
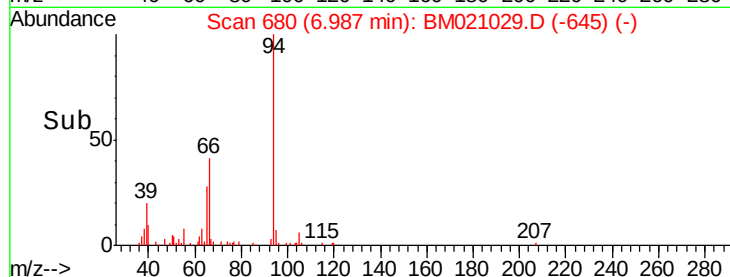
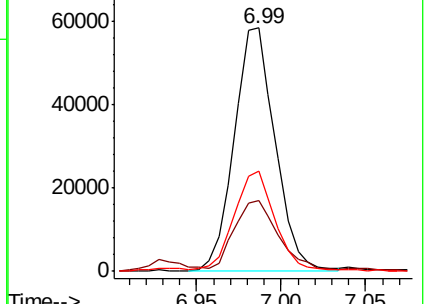
66 41.0 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021014.D (-672) (-)

Ion 65.00 (64.70 to 65.70): BM021014.D (-672) (-)

Ion 66.00 (65.70 to 66.70): BM021014.D (-672) (-)



#17

Hexachloroethane

Concen: 1.125 ng/ul

RT: 8.88 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BM021029.D

Acq: 19 Jun 2019 01:34

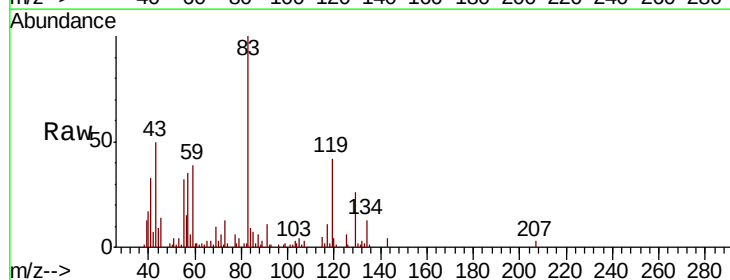
Tgt Ion: 117 Resp: 6936

Ion Ratio Lower Upper

117 100

201 0.0 93.9 140.9#

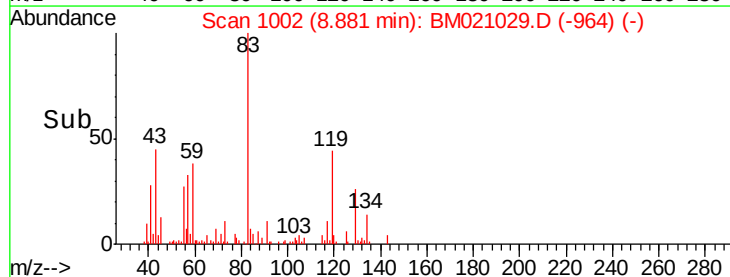
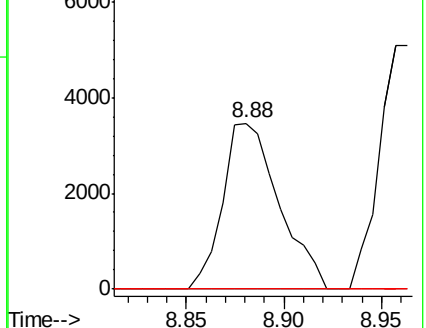
199 0.0 57.8 86.8#

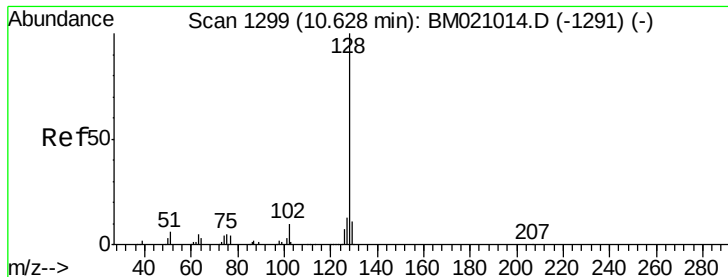


Abundance Ion 117.00 (116.70 to 117.70): BM021014.D (-991) (-)

Ion 201.00 (200.70 to 201.70): BM021014.D (-991) (-)

Ion 199.00 (198.70 to 199.70): BM021014.D (-991) (-)





#28

Naphthalene

Concen: 1.589 ng/ul

RT: 10.63 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM021029.D

Acq: 19 Jun 2019 01:34

Instrument :

BNA_M

ClientSampleId :

DB8J8DL2

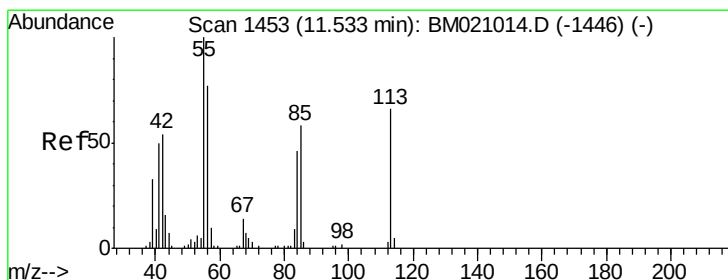
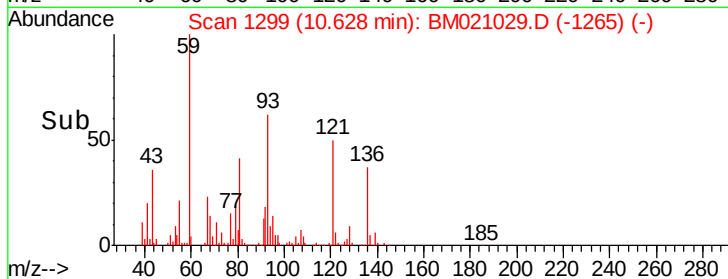
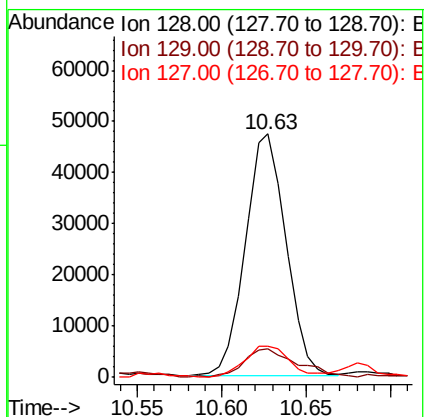
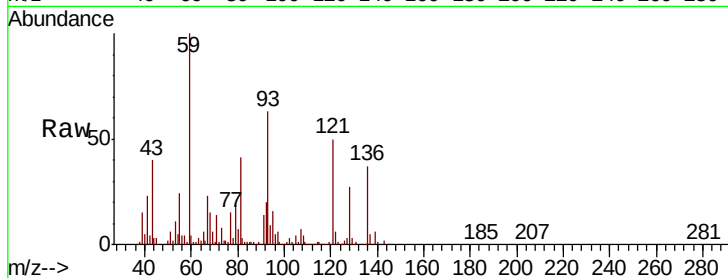
Tgt Ion:128 Resp: 79013

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 12.6 10.6 15.8



#32

Caprolactam

Concen: 1.349 ng/ul

RT: 11.52 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM021029.D

Acq: 19 Jun 2019 01:34

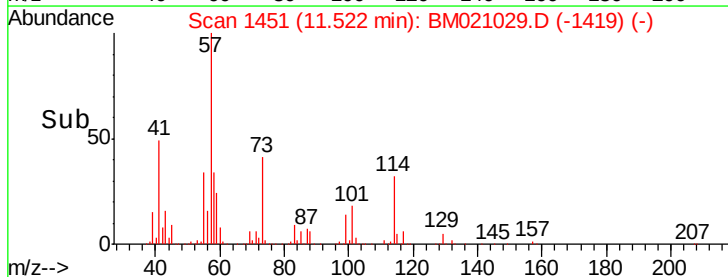
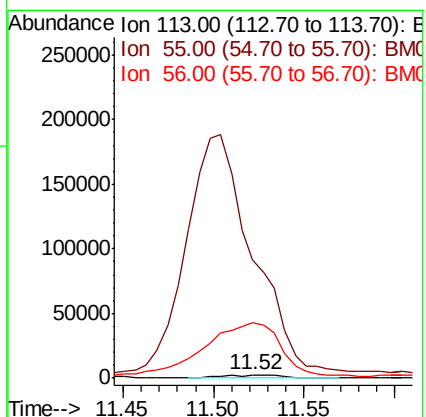
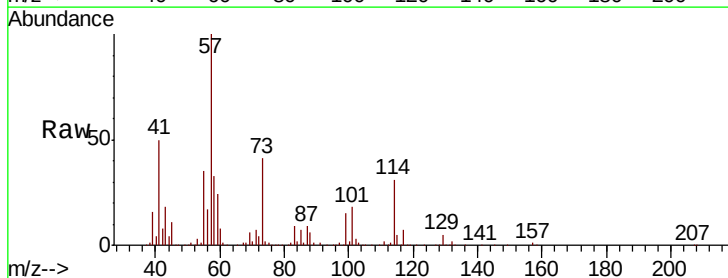
Tgt Ion:113 Resp: 6128

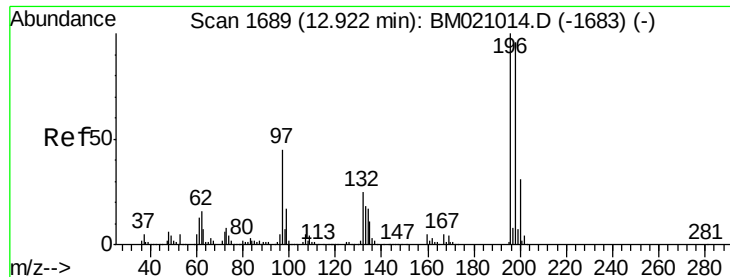
Ion Ratio Lower Upper

113 100

55 3568.3 115.8 173.6#

56 1699.1 91.0 136.6#





#39

2,4,5-Trichlorophenol

Concen: 1.574 ng/ul

RT: 12.92 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BM021029.D

Acq: 19 Jun 2019 01:34

Instrument :

BNA_M

ClientSampleId :

DB8J8DL2

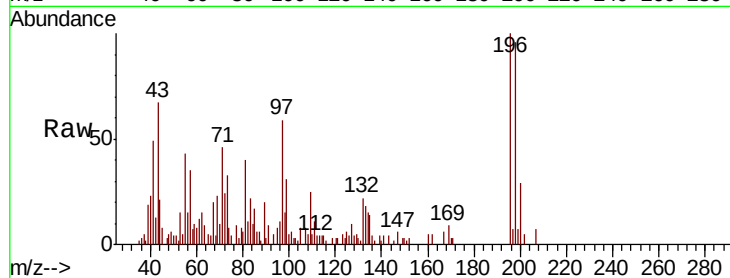
Tgt Ion:196 Resp: 24088

Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.6

200 28.6 24.7 37.1

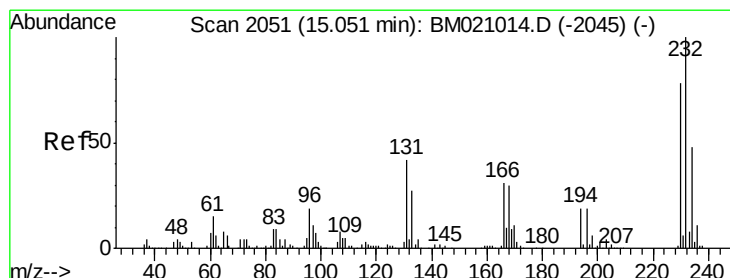
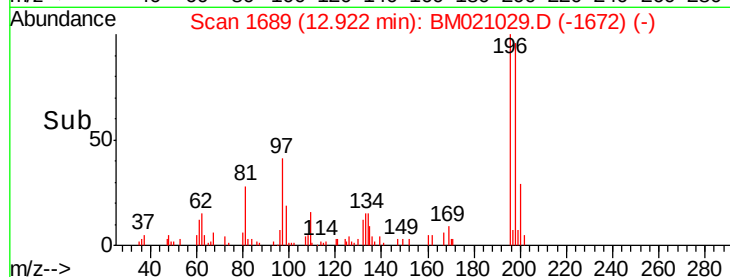
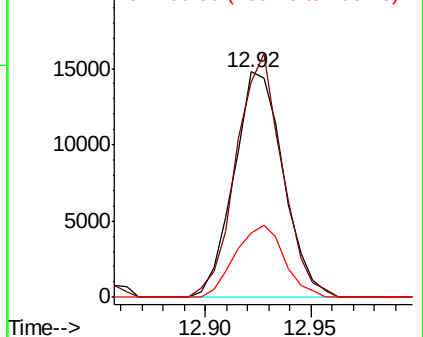


Abundance

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: 4.677 ng/ul

RT: 15.05 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BM021029.D

Acq: 19 Jun 2019 01:34

Tgt Ion:232 Resp: 62428

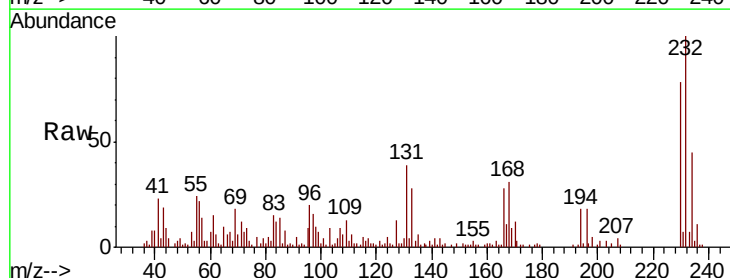
Ion Ratio Lower Upper

232 100

131 38.9 31.0 46.4

130 3.9 1.8 2.6#

166 27.6 23.6 35.4



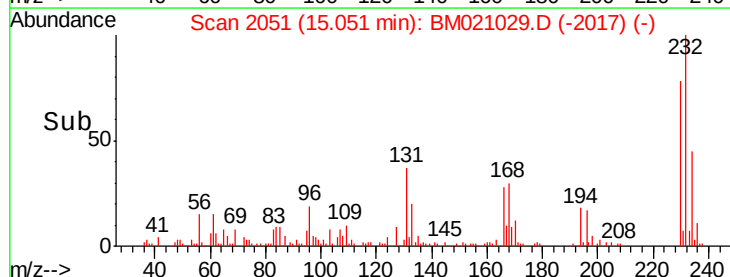
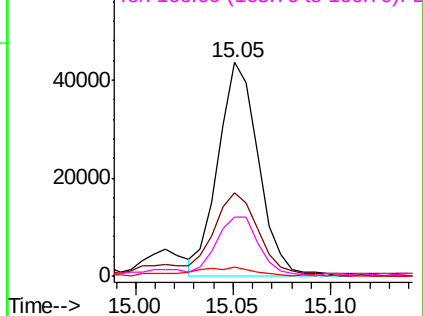
Abundance

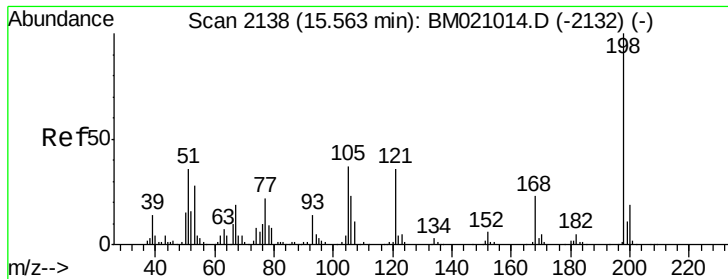
Ion 232.00 (231.70 to 232.70): E

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

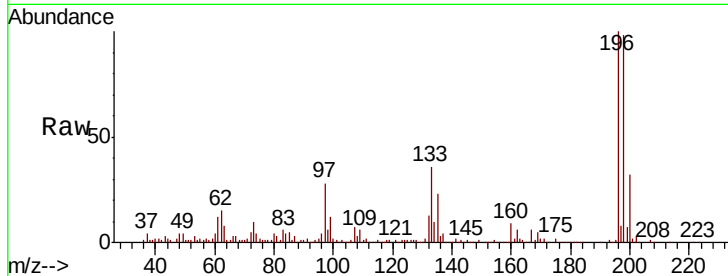




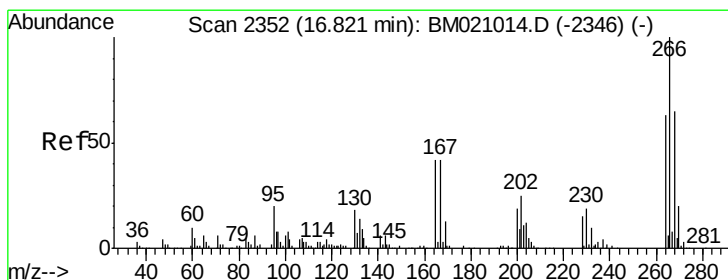
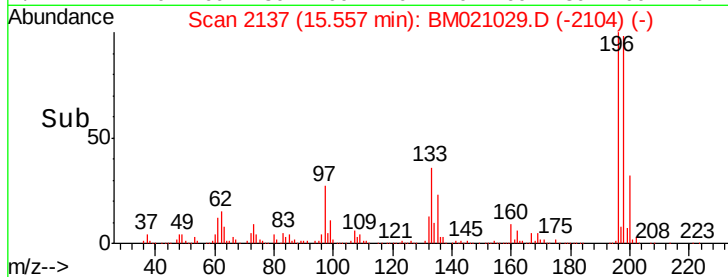
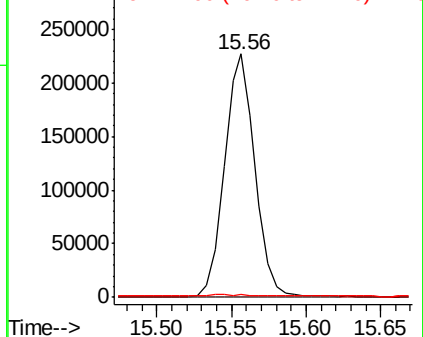
#63
 4,6-Dinitro-2-methylphenol
 Concen: 36.878 ng/ul
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM021029.D
 Acq: 19 Jun 2019 01:34

Instrument :
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Tgt Ion:198 Resp: 324120
 Ion Ratio Lower Upper
 198 100
 182 0.2 3.7 5.5#
 77 1.0 18.4 27.6#

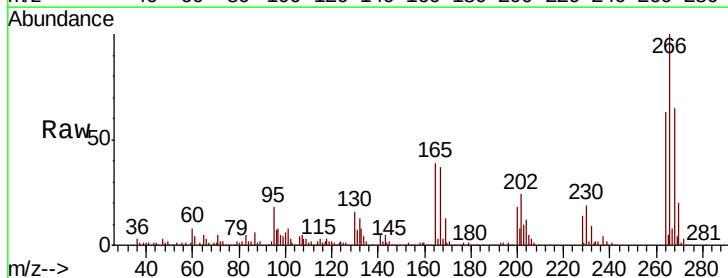


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BMC



#68
 Pentachlorophenol
 Concen: 88.350 ng/ul
 RT: 16.82 min Scan# 2352
 Delta R.T. -0.00 min
 Lab File: BM021029.D
 Acq: 19 Jun 2019 01:34

Tgt Ion:266 Resp: 886776
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.9 74.9
 268 64.9 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

