

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020913.D
 Acq On : 12 Jun 2019 20:55
 Operator : HP/JU
 Sample : K3215-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 13 05:55:53 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	330639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1293367	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.45	164	744338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1542959	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1420949	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1647632	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12536	1.81	ng/uL	0.00
5) Phenol-d5	6.97	99	217760	8.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	519054	34.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	619974	30.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	387485	19.04	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	357125	40.45	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	401863	44.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	718414	37.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	6834	0.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2182219	39.63	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2678935	38.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	76111	8.06	ng/ul	0.00
57) Fluorene-d10	15.44	176	1836414	39.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	333459	42.26	ng/ul	0.00
70) Anthracene-d10	17.29	188	2695033	39.99	ng/ul	0.00
78) Pyrene-d10	19.58	212	2809624	40.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	3293621	43.98	ng/ul	0.00

Target Compounds

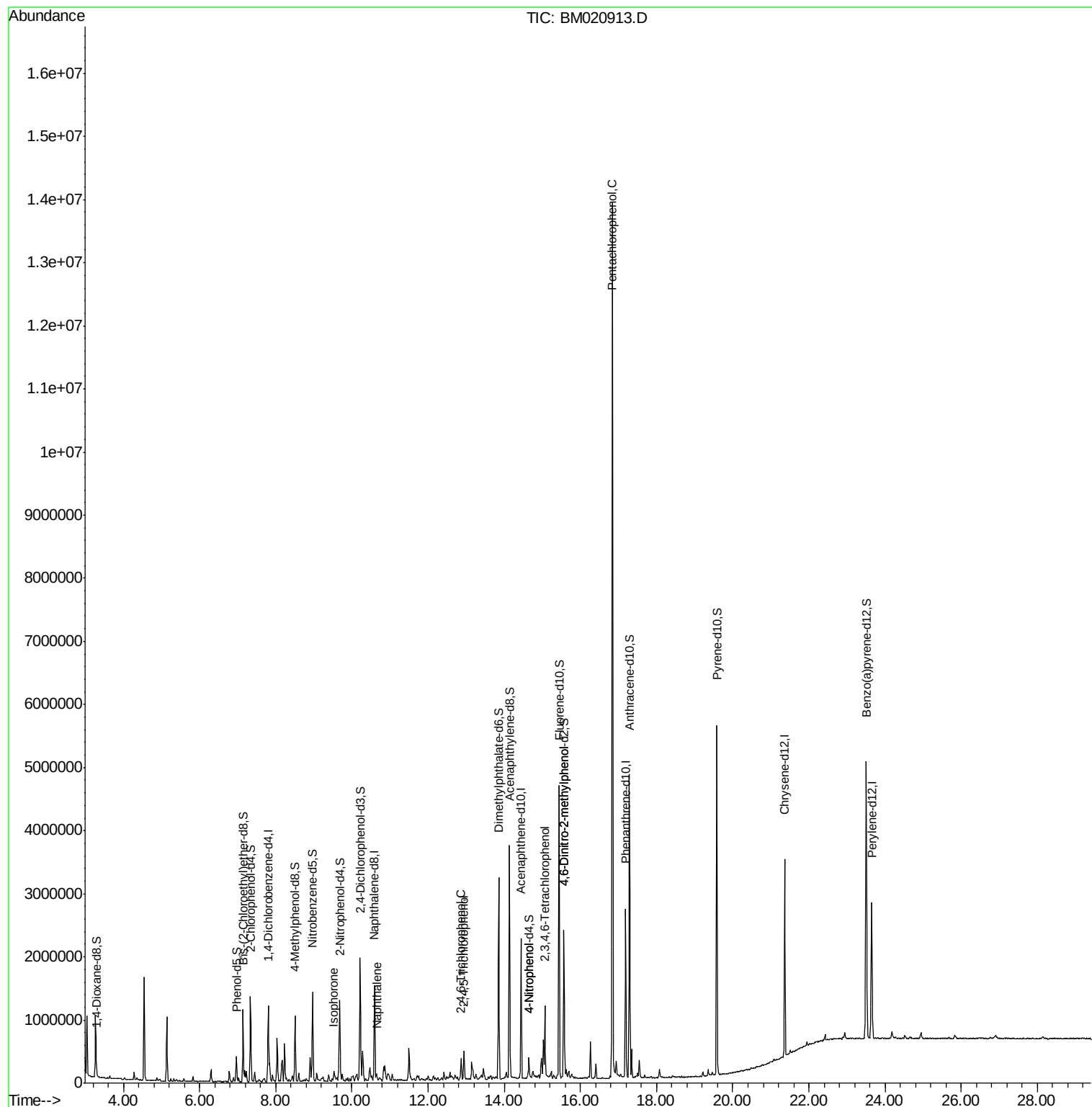
					Ovalue
21) Isophorone	9.53	82	103419	2.518	ng/ul 97
28) Naphthalene	10.65	128	83100	1.368	ng/ul 98
38) 2,4,6-Trichlorophenol	12.87	196	73395	5.066	ng/ul 97
39) 2,4,5-Trichlorophenol	12.94	196	117664	7.478	ng/ul 99
52) 4-Nitrophenol	14.64	109	8294	1.071	ng/ul# 11
55) 2,3,4,6-Tetrachlorophenol	15.07	232	234671	17.751	ng/ul 94
63) 4,6-Dinitro-2-methylphenol	15.57	198	440114	52.513	ng/ul# 61
68) Pentachlorophenol	16.84	266	2675374	248.190	ng/ul 99

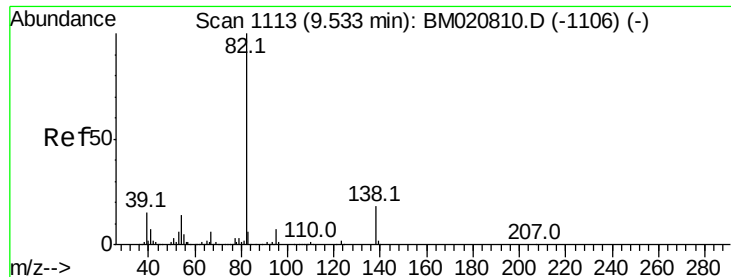
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Isophorone

Concen: 2.518 ng/ul

RT: 9.53 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM020913.D

Acq: 12 Jun 2019 20:55

Instrument :

BNA_M

ClientSampleId :

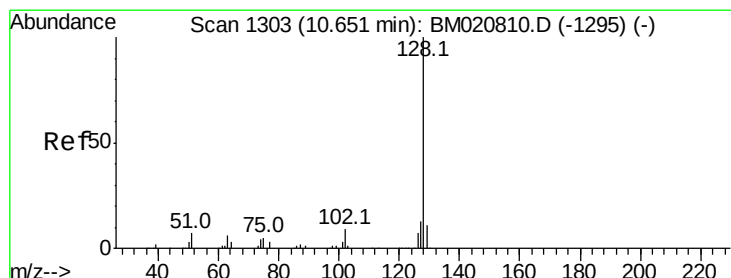
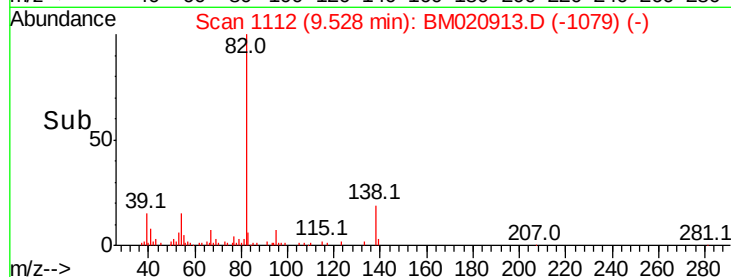
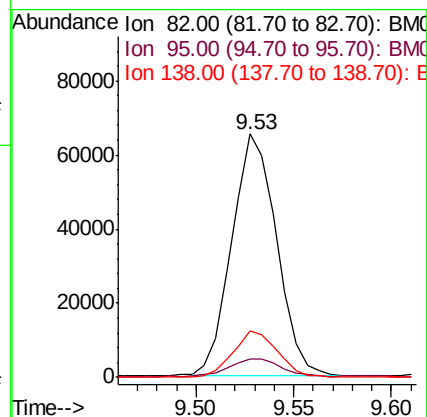
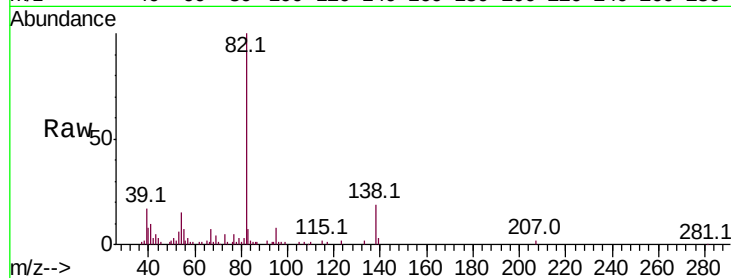
Tot Ion: 82 Resp: 103419

Ion Ratio Lower Upper

82 100

95 7.7 5.9 8.9

138 19.1 13.8 20.8



#28

Naphthalene

Concen: 1.368 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM020913.D

Acq: 12 Jun 2019 20:55

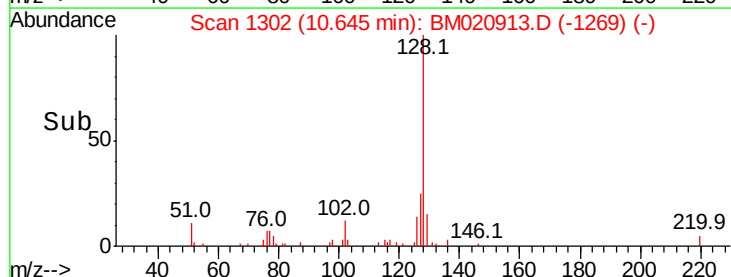
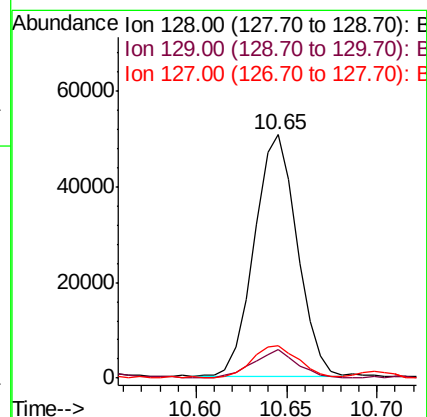
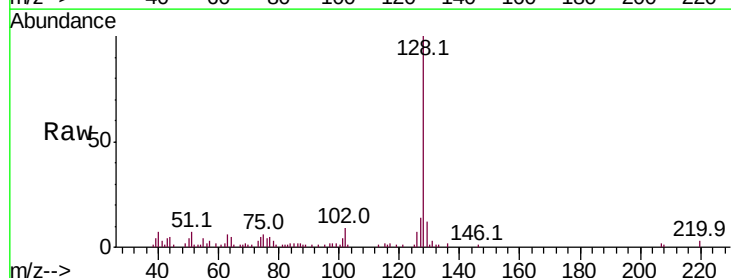
Tgt Ion: 128 Resp: 83100

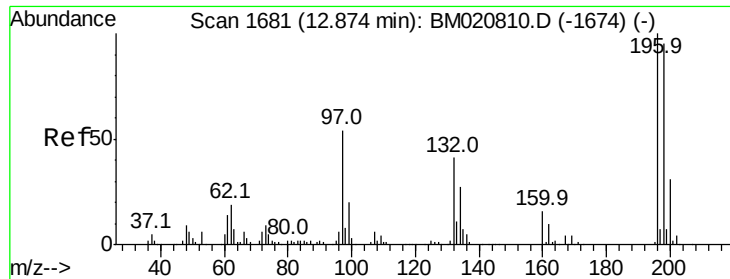
Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

127 13.5 10.2 15.2

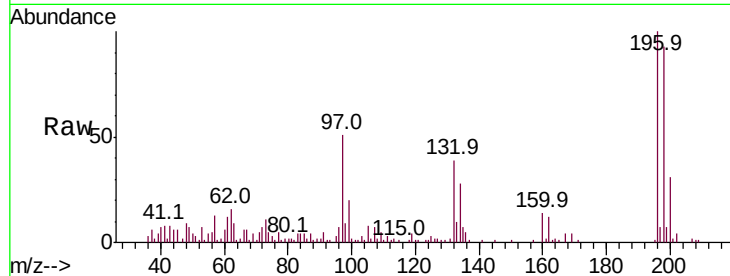




#38
 2,4,6-Trichlorophenol
 Concen: 5.066 ng/ul
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM020913.D
 Acq: 12 Jun 2019 20:55

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	196	Resp	73395
Ion Ratio	Lower	Upper	
196	100		
198	93.4	77.8	116.6
200	31.3	25.3	37.9

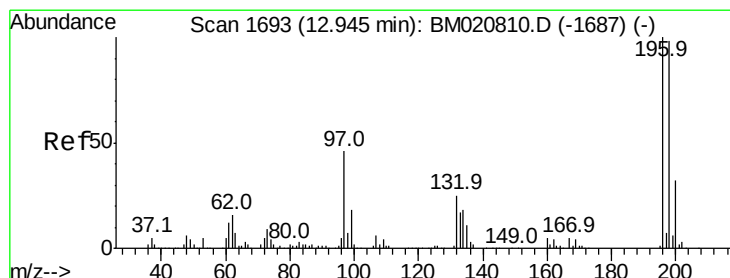
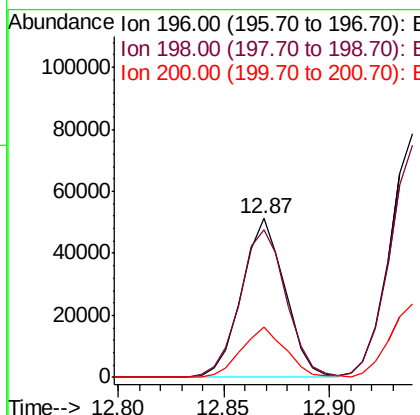
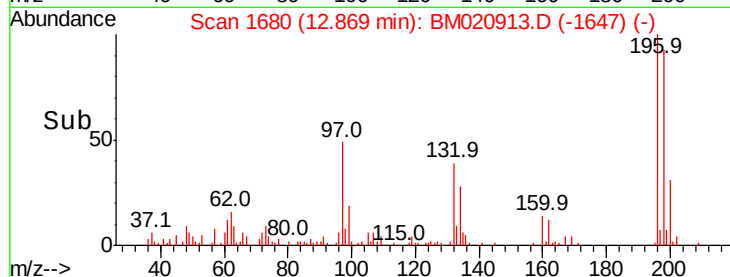


Abundance

Ion 196.00 (195.70 to 196.70): E

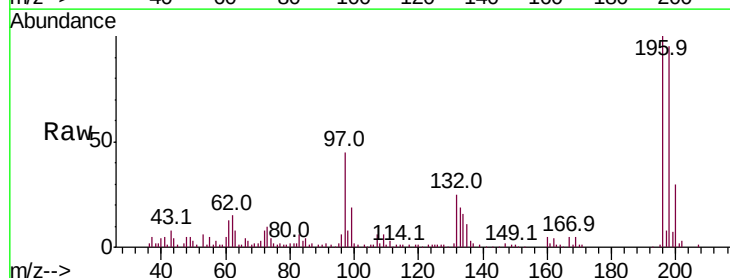
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#39
 2,4,5-Trichlorophenol
 Concen: 7.478 ng/ul
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020913.D
 Acq: 12 Jun 2019 20:55

Tgt Ion	196	Resp	117664
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.3	112.9
200	30.3	25.0	37.4

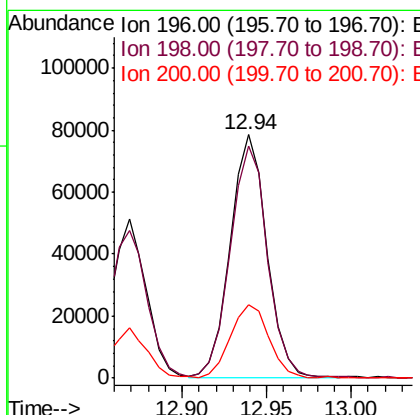
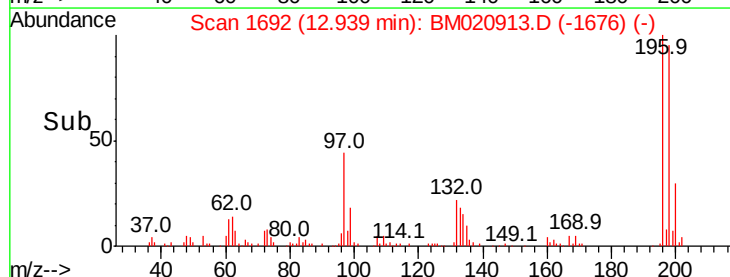


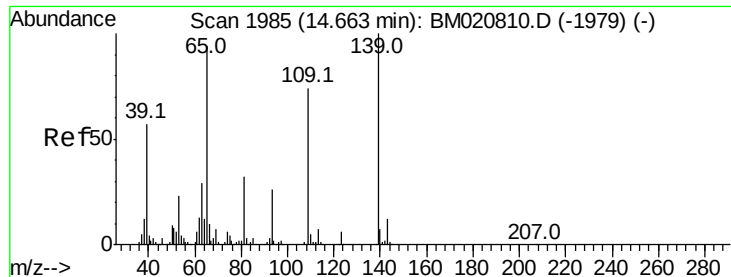
Abundance

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





#52

4-Nitrophenol

Concen: 1.071 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BM020913.D

Acq: 12 Jun 2019 20:55

Instrument :

BNA_M

ClientSampled :

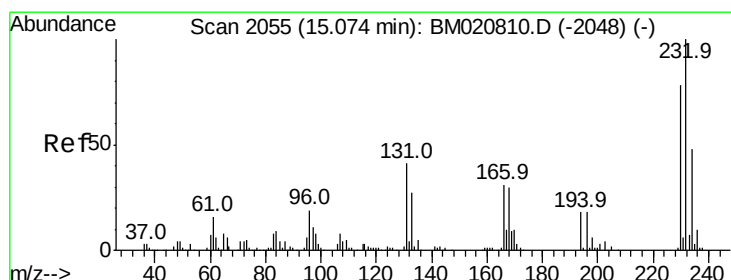
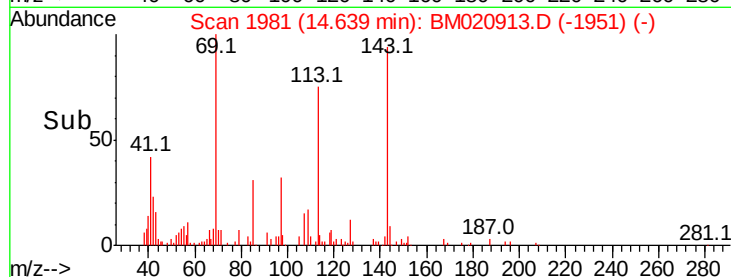
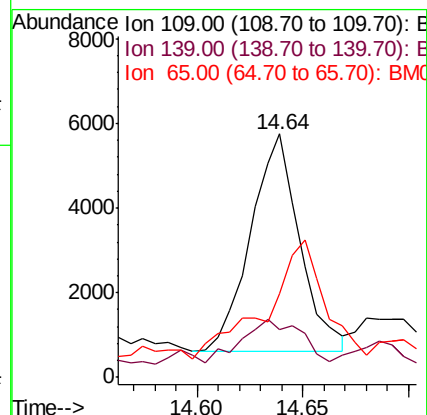
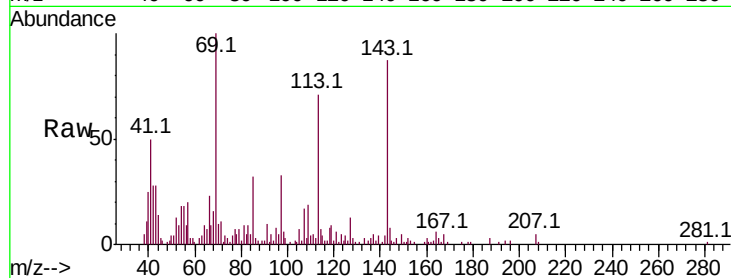
Tot Ion:109 Resp: 8294

Ion Ratio Lower Upper

109 100

139 19.8 105.9 158.9#

65 34.6 106.2 159.4#



#55

2,3,4,6-Tetrachlorophenol

Concen: 17.751 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BM020913.D

Acq: 12 Jun 2019 20:55

Tgt Ion:232 Resp: 234671

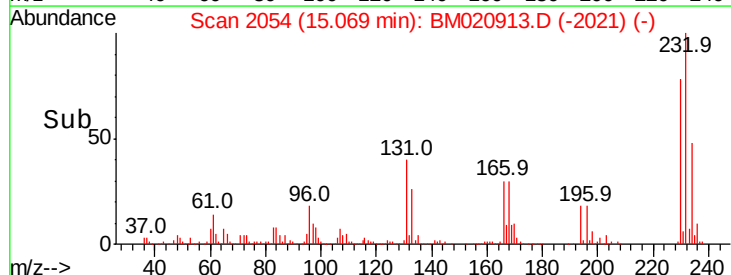
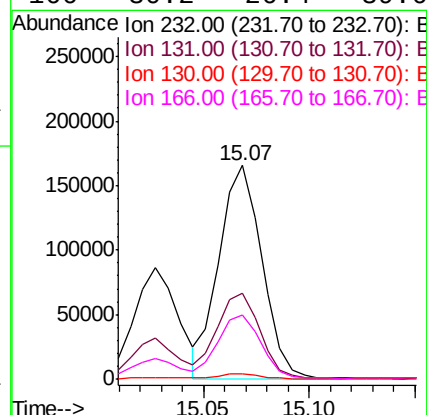
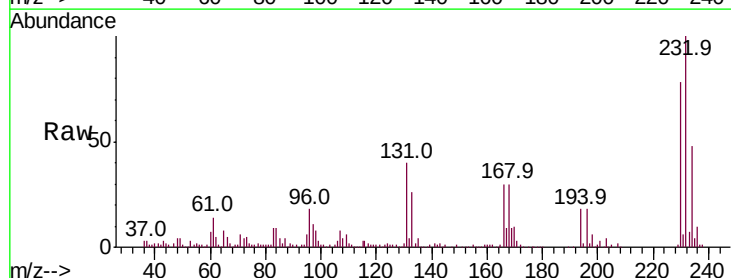
Ion Ratio Lower Upper

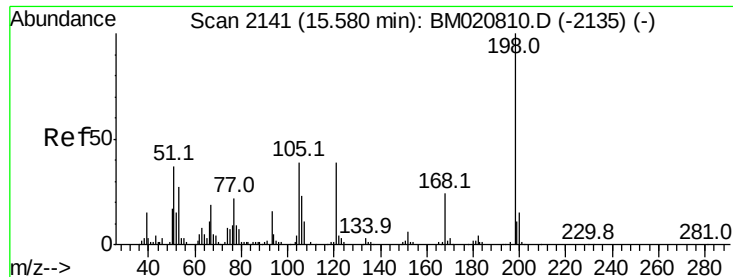
232 100

131 40.2 36.3 54.5

130 2.3 1.9 2.9

166 30.2 26.4 39.6

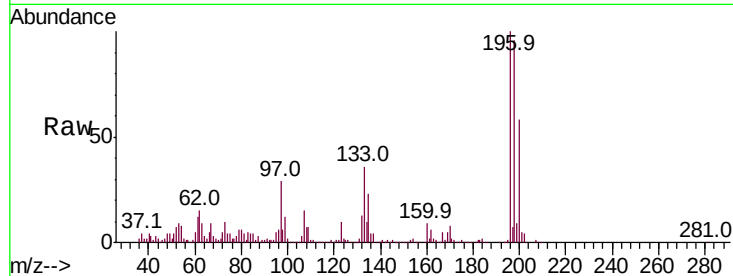




#63
 4,6-Dinitro-2-methylphenol
 Concen: 52.513 ng/ul
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM020913.D
 Acq: 12 Jun 2019 20:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
182	0.8	3.7	5.5#
77	2.2	19.3	28.9#

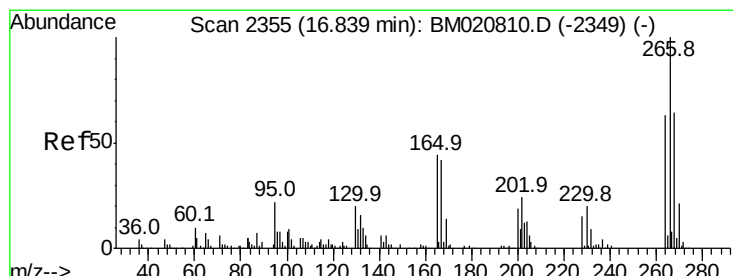
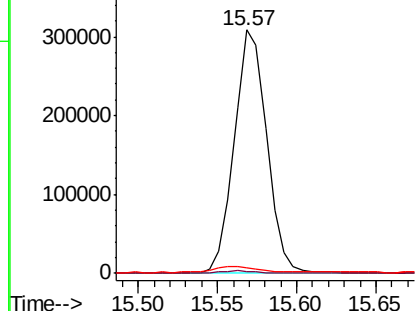
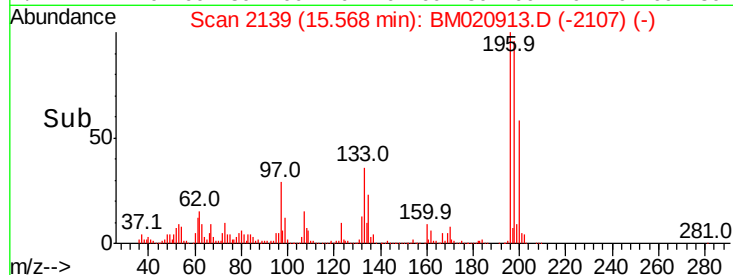


Abundance

Ion 198.00 (197.70 to 198.70): E

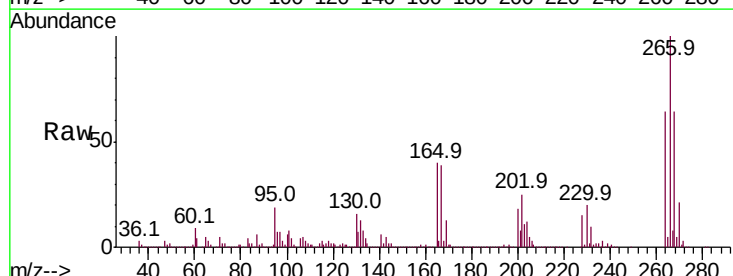
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#68
 Pentachlorophenol
 Concen: 248.190 ng/ul
 RT: 16.84 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BM020913.D
 Acq: 12 Jun 2019 20:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.3	75.5
268	63.9	51.2	76.8



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

