

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020912.D
 Acq On : 12 Jun 2019 20:19
 Operator : HP/JU
 Sample : K3215-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 13 05:55:47 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	277375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1085762	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	634489	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	1395083	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1313115	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1511130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	12063	2.07	ng/uL	0.00
5) Phenol-d5	6.97	99	212056	9.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	474998	37.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	577822	34.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	374450	21.93	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	324554	43.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	376882	49.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	673590	42.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	14995	0.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2093368	44.60	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2522560	42.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	82165	10.20	ng/ul	0.00
57) Fluorene-d10	15.44	176	1786615	44.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	347768	48.75	ng/ul	0.00
70) Anthracene-d10	17.29	188	2713132	44.52	ng/ul	0.00
78) Pyrene-d10	19.58	212	2924667	46.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	3358750	48.90	ng/ul	0.00

Target Compounds

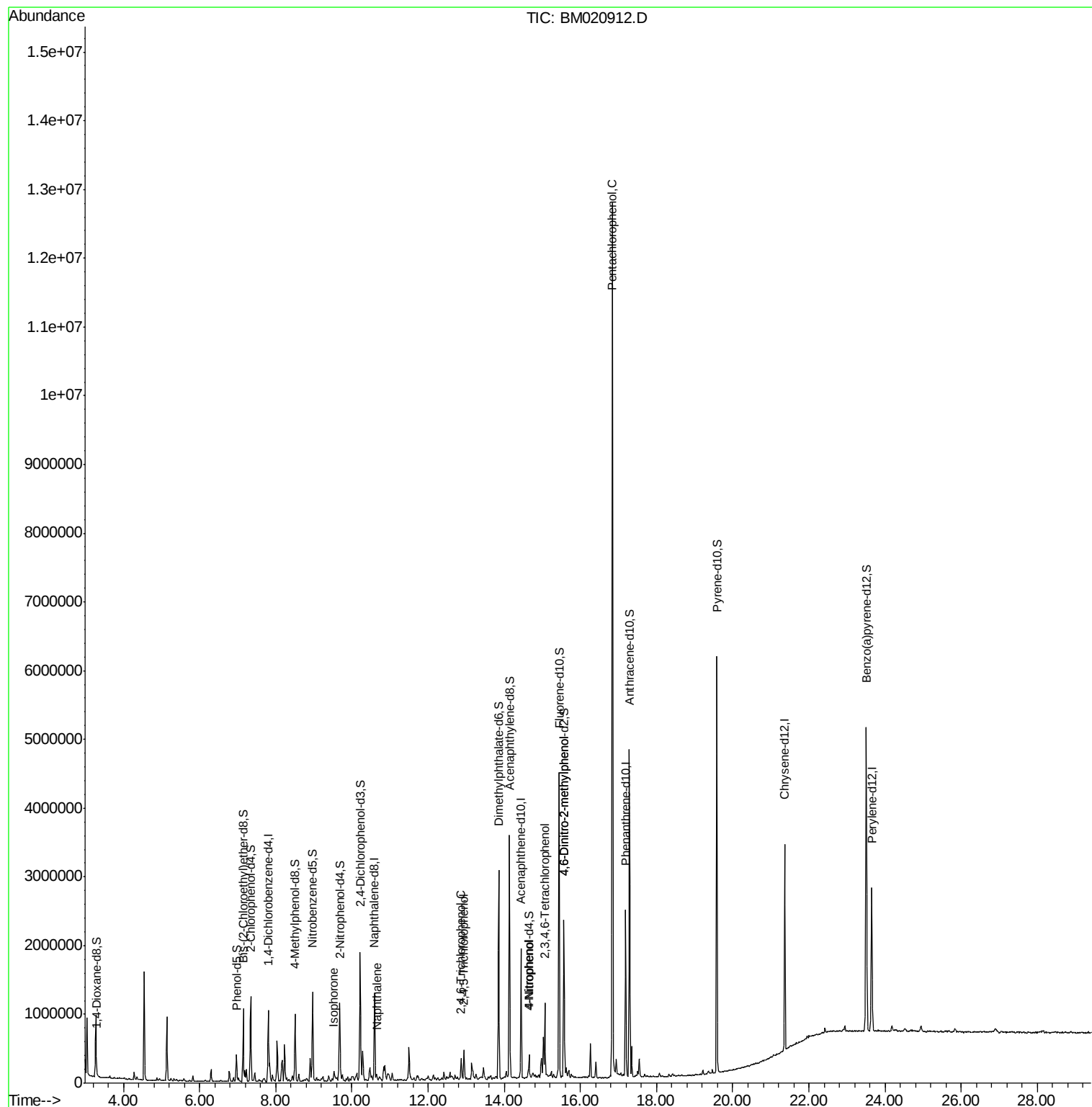
					Ovalue
21) Isophorone	9.53	82	93710	2.718 ng/ul	97
28) Naphthalene	10.65	128	75996	1.490 ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	68217	5.524 ng/ul	96
39) 2,4,5-Trichlorophenol	12.94	196	111252	8.295 ng/ul	100
52) 4-Nitrophenol	14.64	109	7604	1.152 ng/ul#	23
55) 2,3,4,6-Tetrachlorophenol	15.07	232	218274	19.370 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.57	198	425159	56.105 ng/ul#	59
68) Pentachlorophenol	16.84	266	2534462	260.040 ng/ul	100

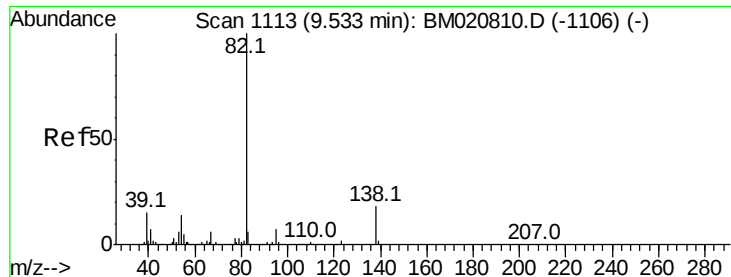
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 13 04:50:51 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





#21

Isophorone

Concen: 2.718 ng/ul

RT: 9.53 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM020912.D

Acq: 12 Jun 2019 20:19

Instrument :

BNA_M

ClientSampleId :

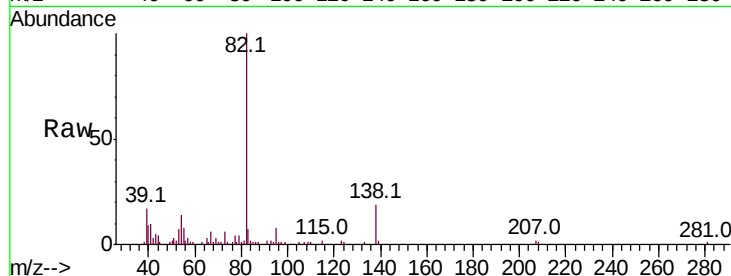
Tot Ion: 82 Resp: 93710

Ion Ratio Lower Upper

82 100

95 8.0 5.9 8.9

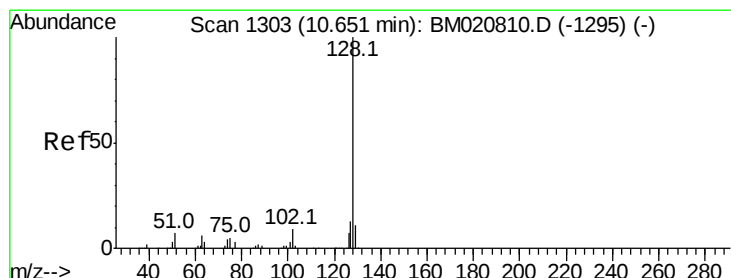
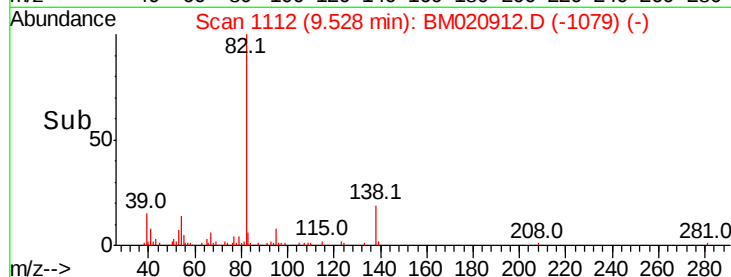
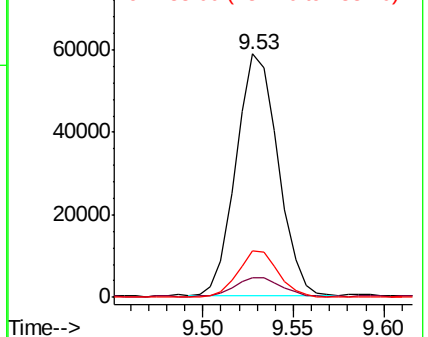
138 18.9 13.8 20.8



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) (-)



#28

Naphthalene

Concen: 1.490 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM020912.D

Acq: 12 Jun 2019 20:19

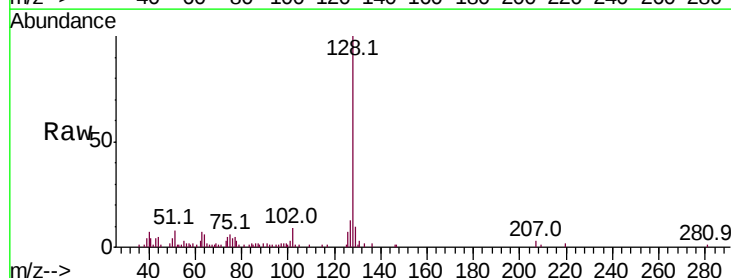
Tgt Ion: 128 Resp: 75996

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

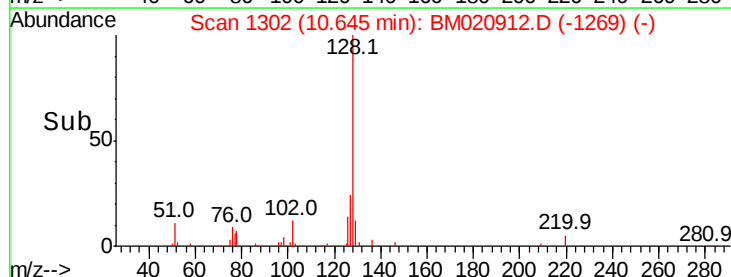
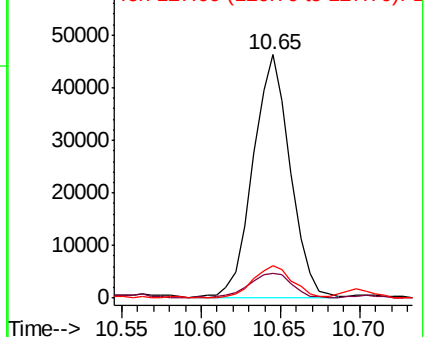
127 13.5 10.2 15.2

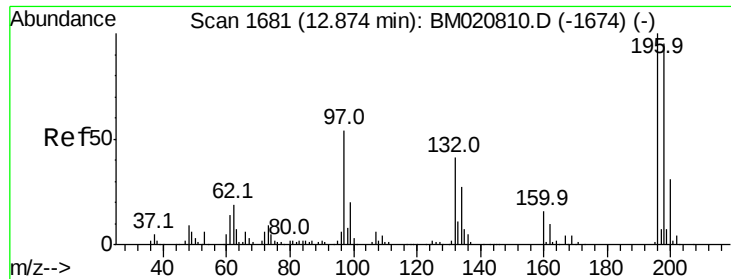


Abundance Ion 128.00 (127.70 to 128.70): BM020810.D (-1295) (-)

Ion 129.00 (128.70 to 129.70): BM020810.D (-1295) (-)

Ion 127.00 (126.70 to 127.70): BM020810.D (-1295) (-)

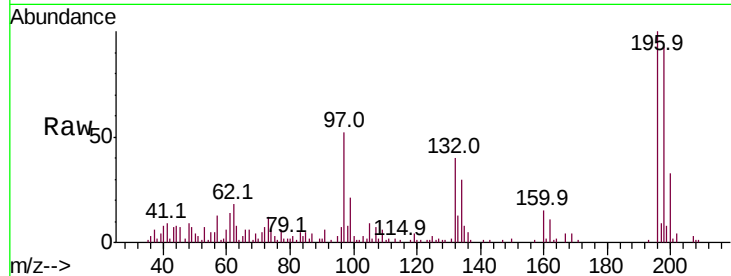




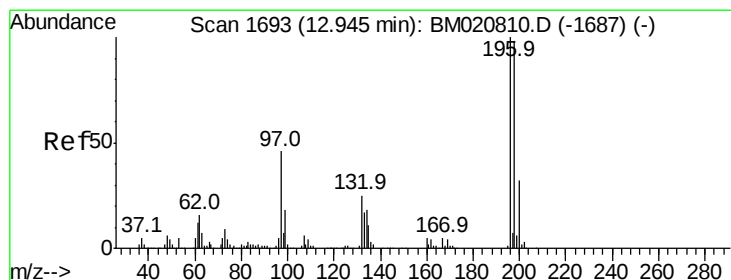
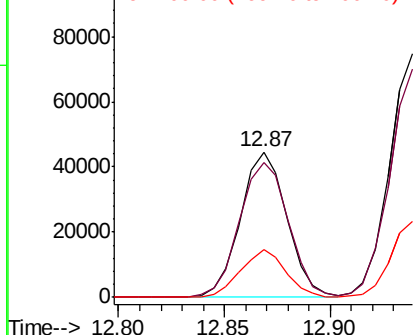
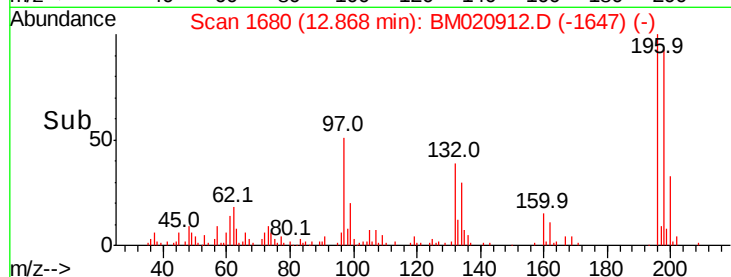
#38
 2,4,6-Trichlorophenol
 Concen: 5.524 ng/ul
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM020912.D
 Acq: 12 Jun 2019 20:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	196	Resp	68217
Ion Ratio	Lower	Upper	
196	100		
198	92.7	77.8	116.6
200	32.8	25.3	37.9

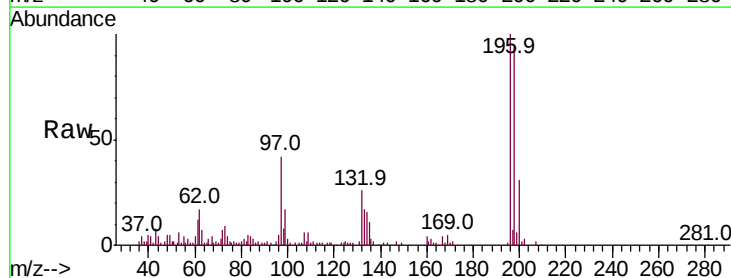


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

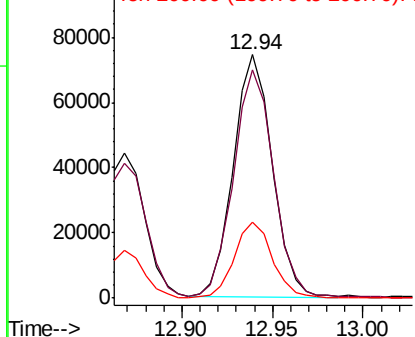
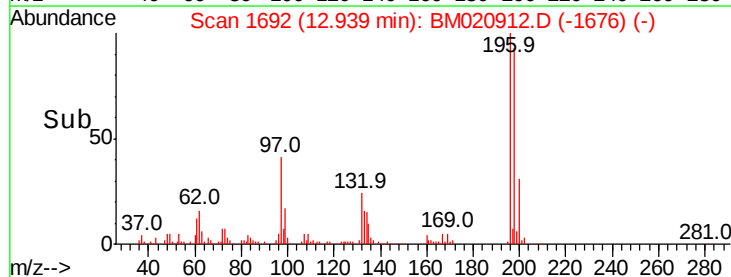


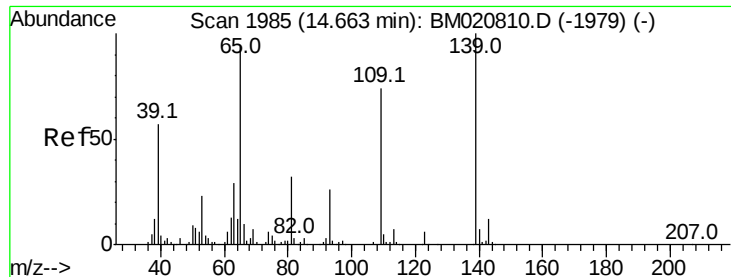
#39
 2,4,5-Trichlorophenol
 Concen: 8.295 ng/ul
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020912.D
 Acq: 12 Jun 2019 20:19

Tgt Ion	196	Resp	111252
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.3	112.9
200	31.3	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: 1.152 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BM020912.D

Acq: 12 Jun 2019 20:19

Instrument :

BNA_M

ClientSampleId :

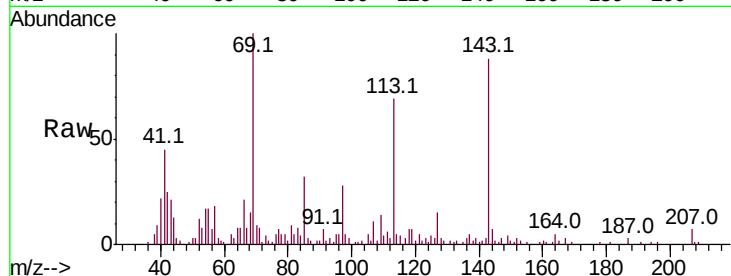
Tot Ion:109 Resp: 7604

Ion Ratio Lower Upper

109 100

139 22.3 105.9 158.9#

65 60.6 106.2 159.4#

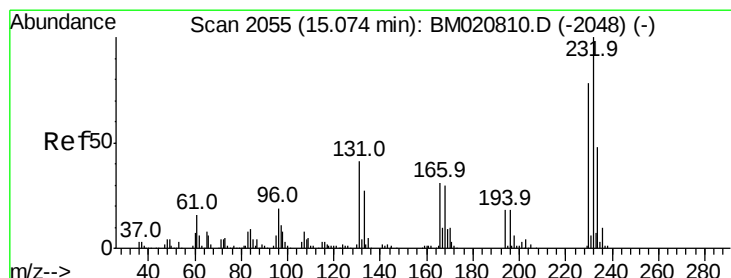
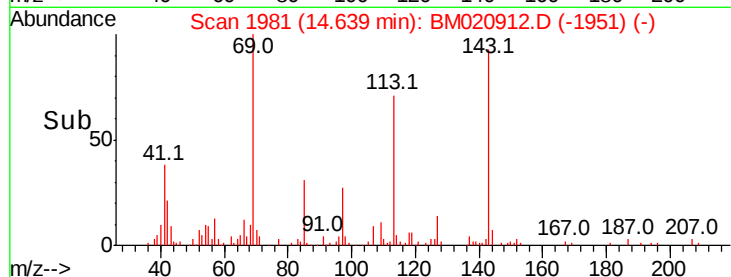
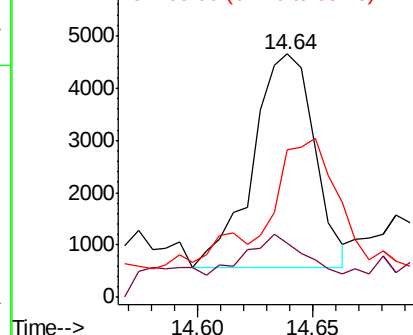


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.370 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BM020912.D

Acq: 12 Jun 2019 20:19

Tgt Ion:232 Resp: 218274

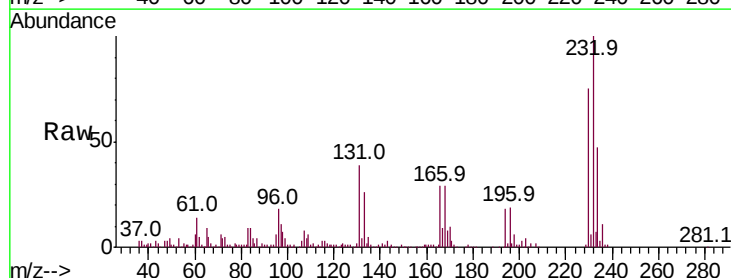
Ion Ratio Lower Upper

232 100

131 38.9 36.3 54.5

130 2.2 1.9 2.9

166 29.0 26.4 39.6



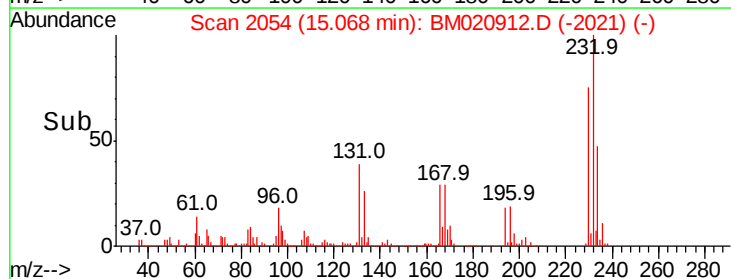
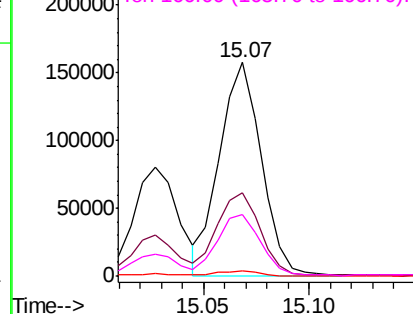
Abundance

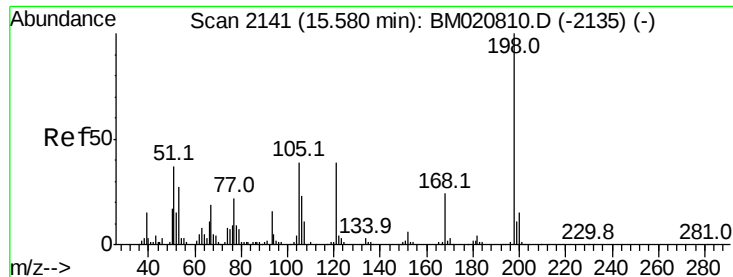
Ion 232.00 (231.70 to 232.70): E

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

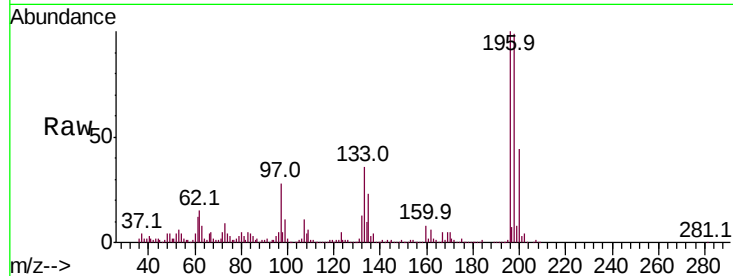




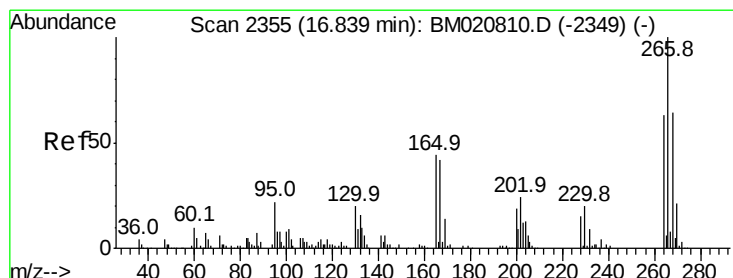
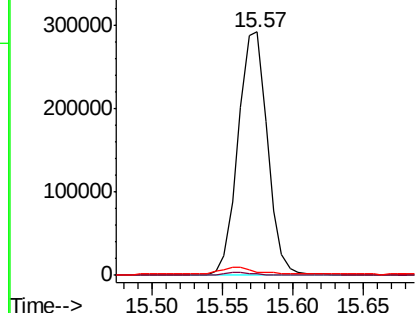
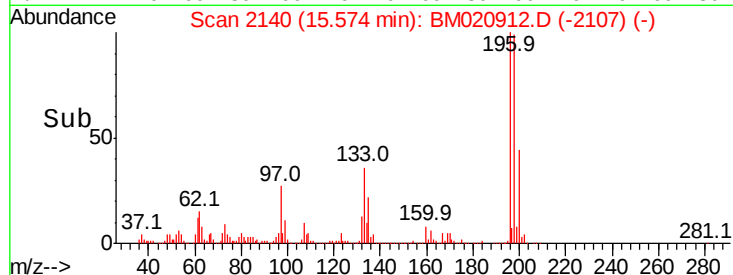
#63
 4,6-Dinitro-2-methylphenol
 Concen: 56.105 ng/ul
 RT: 15.57 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM020912.D
 Acq: 12 Jun 2019 20:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
182	0.4	3.7	5.5#
77	1.4	19.3	28.9#

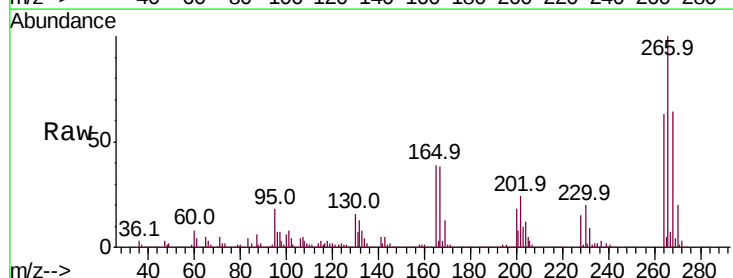


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM



#68
 Pentachlorophenol
 Concen: 260.040 ng/ul
 RT: 16.84 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BM020912.D
 Acq: 12 Jun 2019 20:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.3	75.5
268	64.0	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

