

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
 Data File : BM020948.D
 Acq On : 14 Jun 2019 18:08
 Operator : HP/JU
 Sample : K3215-10DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 14 23:00:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 14 15:40:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	297878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1330876	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	867660	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1926572	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1573578	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1669418	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1433	0.23	ng/uL	0.00
5) Phenol-d5	6.97	99	18111	0.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	41990	2.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	44608	2.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	33375	1.54	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	27304	2.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	30835	2.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	61782	2.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	1855	0.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	202247	2.58	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	238935	2.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	6602	0.52	ng/ul	0.00
57) Fluorene-d10	15.43	176	181365	2.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	386105	32.60	ng/ul	0.01
70) Anthracene-d10	17.28	188	257508	2.57	ng/ul	0.00
78) Pyrene-d10	19.57	212	261010	2.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	230474	2.34	ng/ul	0.00

Target Compounds

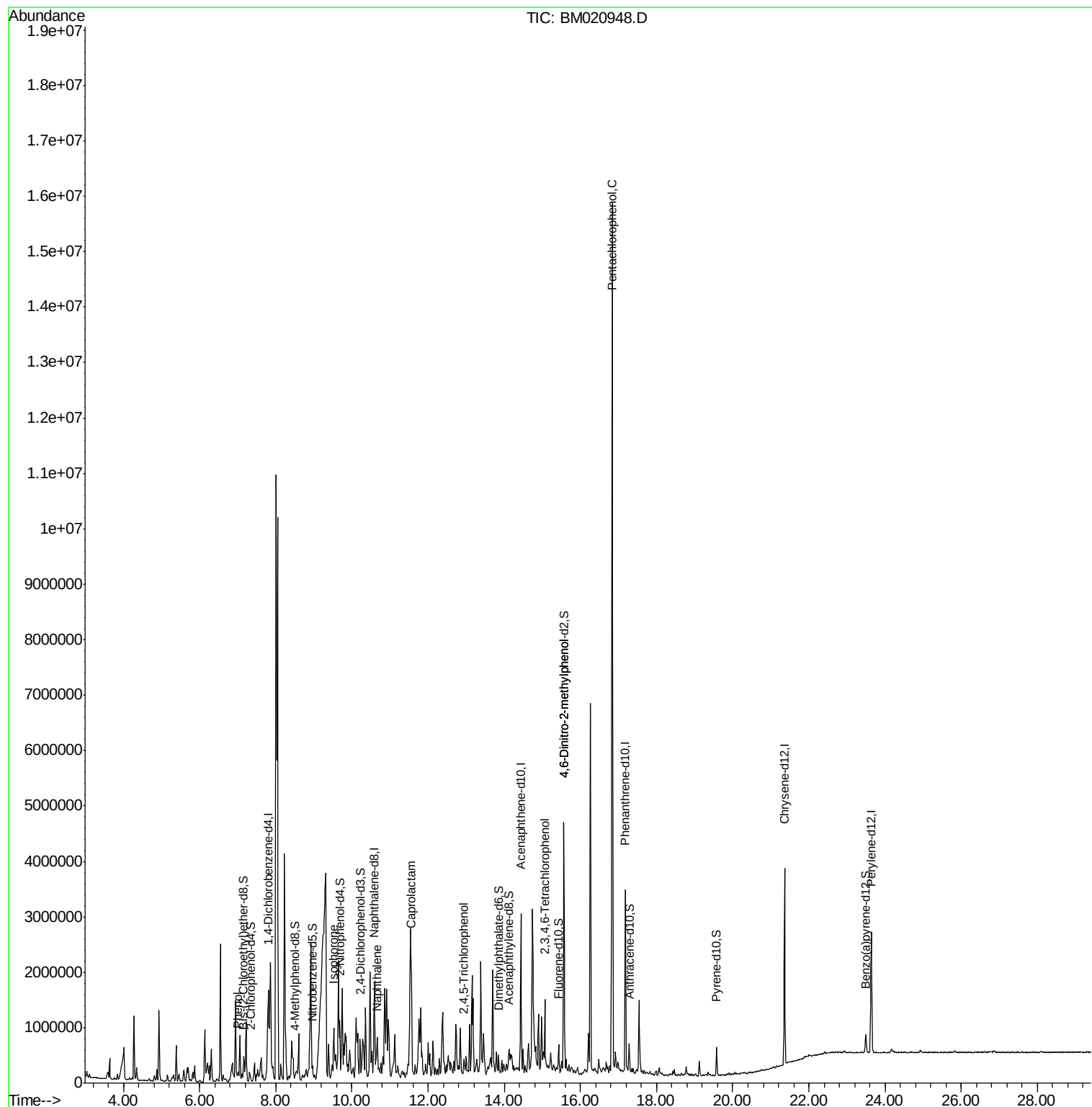
					Ovalue
6) Phenol	7.00	94	58345	2.379	ng/ul 96
21) Isophorone	9.52	82	583010	12.752	ng/ul 99
28) Naphthalene	10.64	128	87955	1.287	ng/ul 100
32) Caprolactam	11.56	113	6922	1.109	ng/ul# 1
39) 2,4,5-Trichlorophenol	12.94	196	44169	2.148	ng/ul 98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	240258	13.400	ng/ul 95
63) 4,6-Dinitro-2-methylphenol	15.57	198	1130843	95.119	ng/ul# 59
68) Pentachlorophenol	16.83	266	3013654	221.970	ng/ul 98

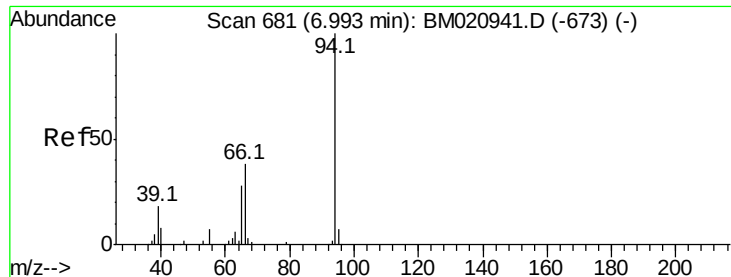
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.379 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020948.D

Acq: 14 Jun 2019 18:08

Instrument :

BNA_M

ClientSampled :

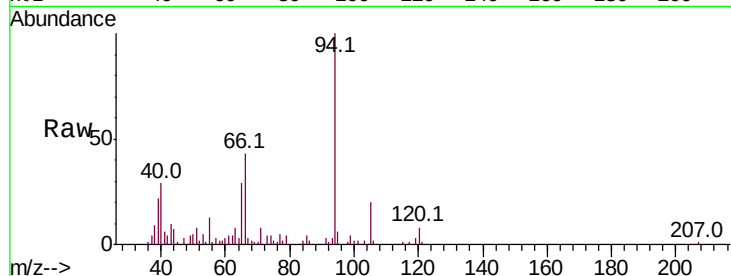
Tot Ion: 94 Resp: 58345

Ion Ratio Lower Upper

94 100

65 28.6 22.6 34.0

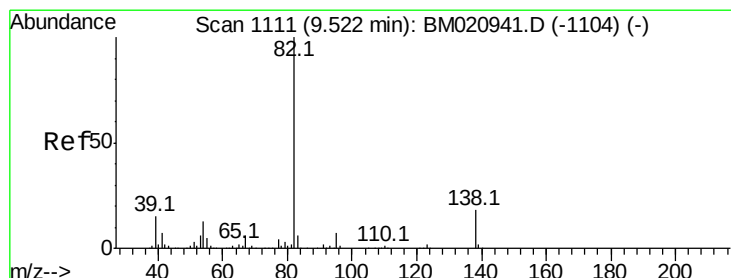
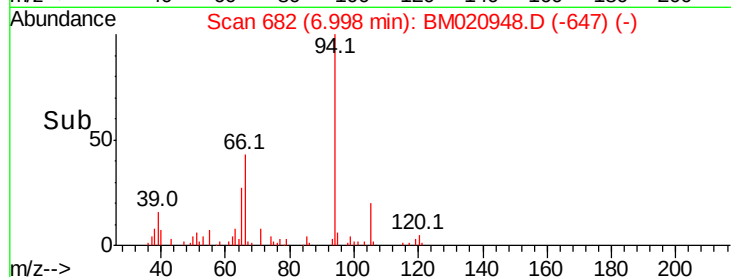
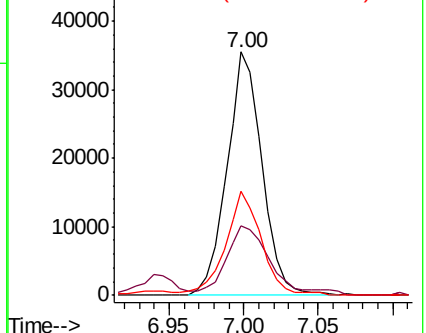
66 42.9 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM020948.D (-673) (-)

Ion 65.00 (64.70 to 65.70): BM020948.D (-673) (-)

Ion 66.00 (65.70 to 66.70): BM020948.D (-673) (-)



#21

Isophorone

Concen: 12.752 ng/ul

RT: 9.52 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BM020948.D

Acq: 14 Jun 2019 18:08

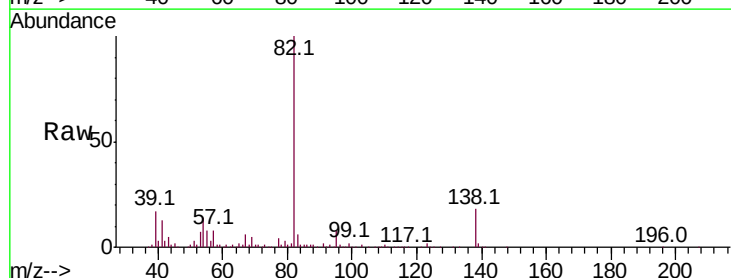
Tgt Ion: 82 Resp: 583010

Ion Ratio Lower Upper

82 100

95 8.1 5.8 8.6

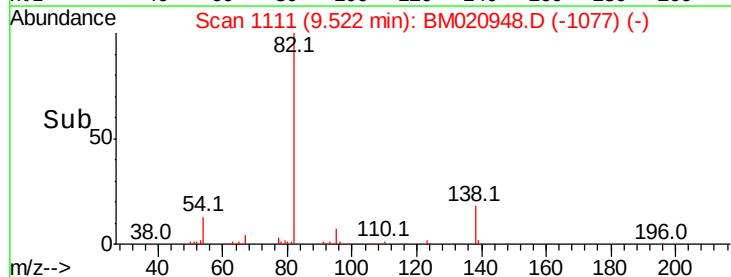
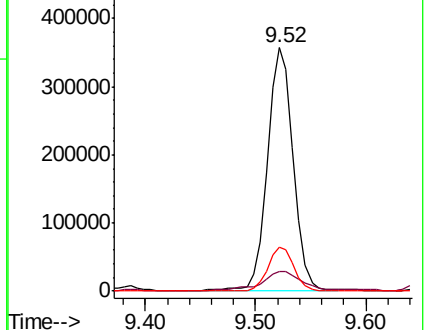
138 18.1 14.6 21.8

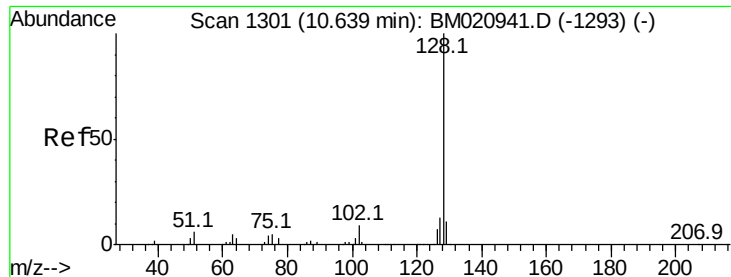


Abundance Ion 82.00 (81.70 to 82.70): BM020948.D (-1077) (-)

Ion 95.00 (94.70 to 95.70): BM020948.D (-1077) (-)

Ion 138.00 (137.70 to 138.70): BM020948.D (-1077) (-)

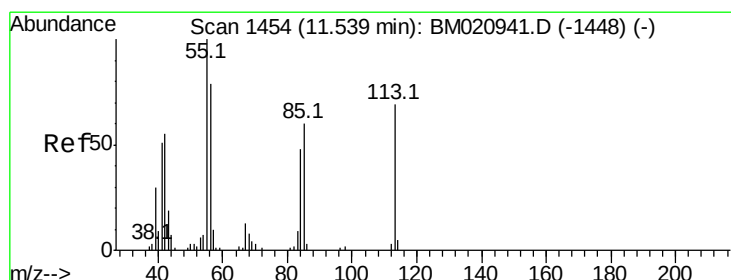
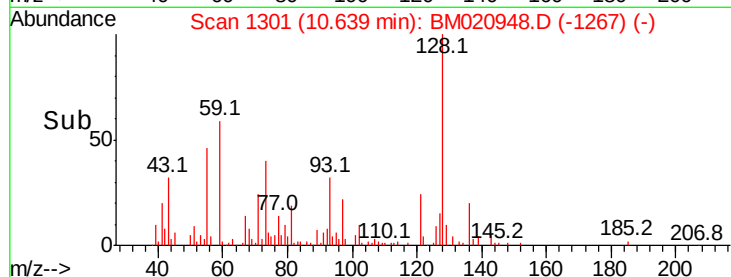
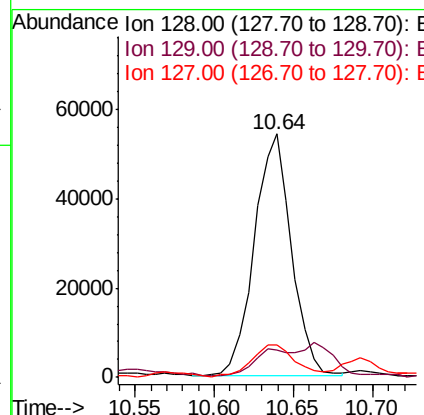
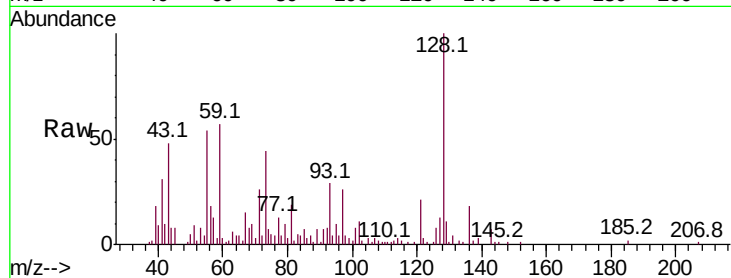




#28
Naphthalene
Concen: 1.287 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM020948.D
Acq: 14 Jun 2019 18:08

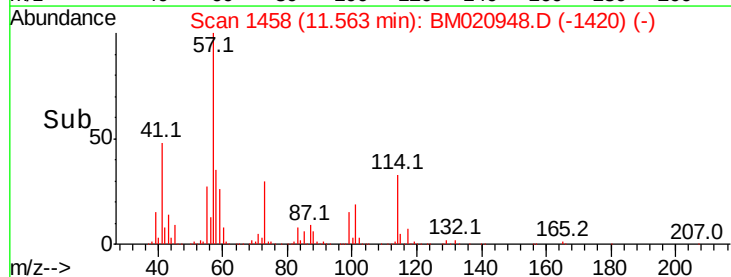
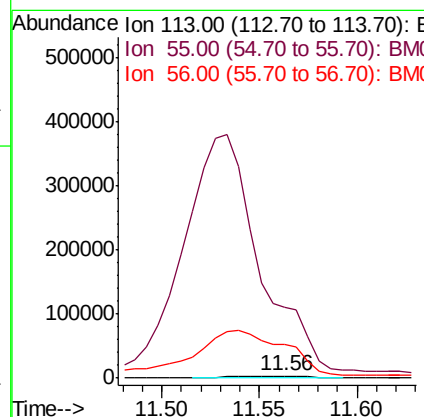
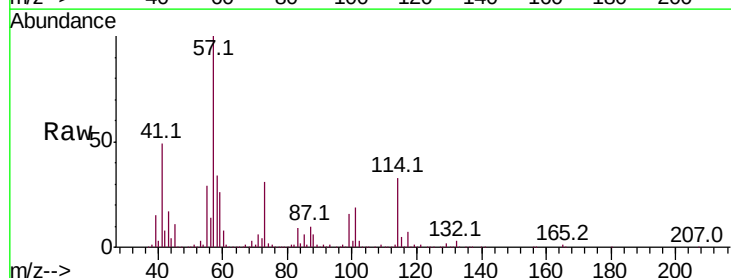
Instrument :
BNA_M
ClientSampleId :

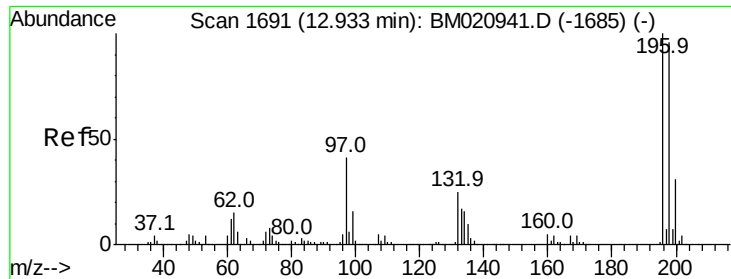
Tot Ion:128 Resp: 87955
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.6 15.8



#32
Caprolactam
Concen: 1.109 ng/ul
RT: 11.56 min Scan# 1458
Delta R.T. 0.02 min
Lab File: BM020948.D
Acq: 14 Jun 2019 18:08

Tgt Ion:113 Resp: 6922
Ion Ratio Lower Upper
113 100
55 3132.0 115.8 173.6#
56 1473.1 91.0 136.6#

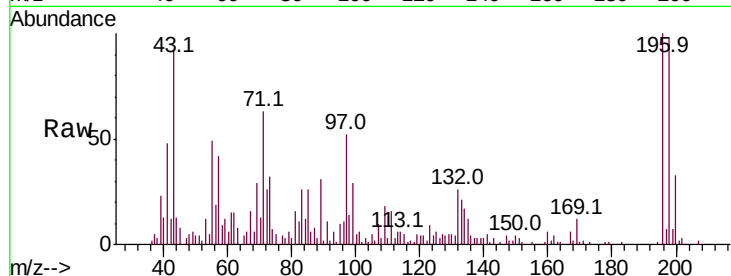




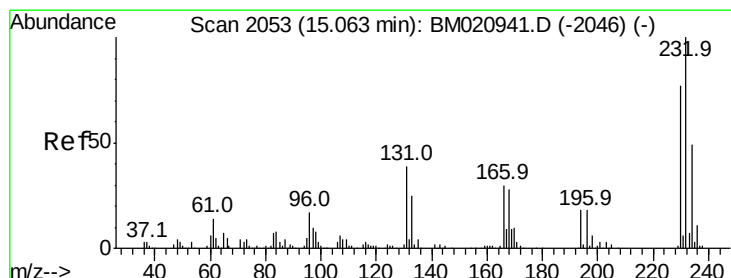
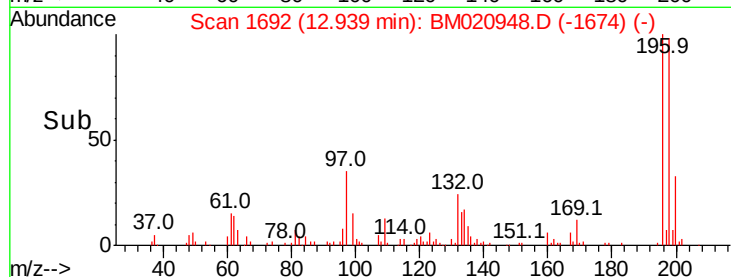
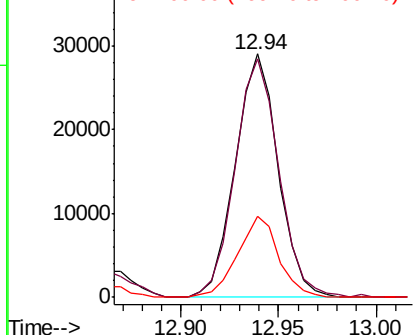
#39
 2,4,5-Trichlorophenol
 Concen: 2.148 ng/ul
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BM020948.D
 Acq: 14 Jun 2019 18:08

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 44169
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.0 115.6
 200 33.4 24.7 37.1

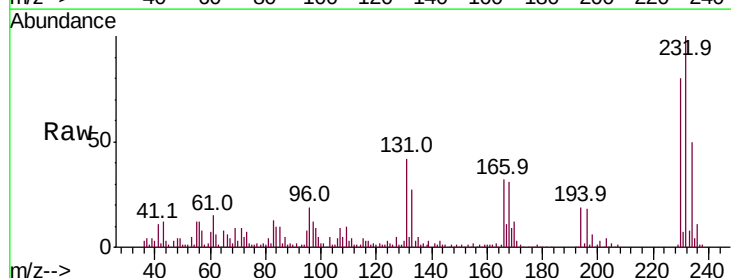


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

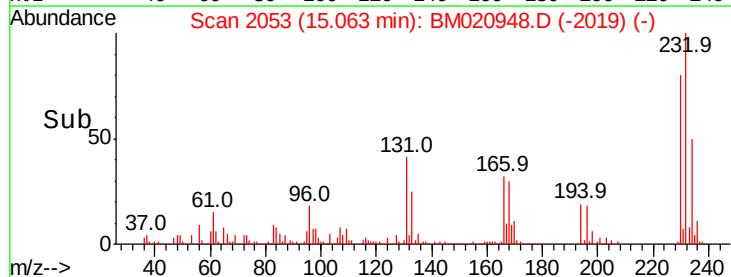
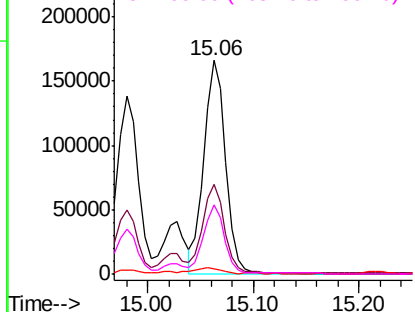


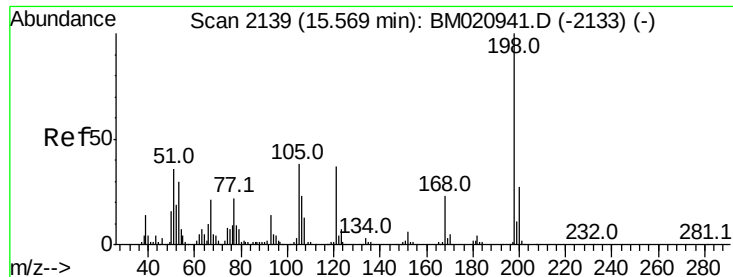
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 13.400 ng/ul
 RT: 15.06 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BM020948.D
 Acq: 14 Jun 2019 18:08

Tgt Ion:232 Resp: 240258
 Ion Ratio Lower Upper
 232 100
 131 42.0 31.0 46.4
 130 2.6 1.8 2.6
 166 32.4 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: 95.119 ng/ul

RT: 15.57 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BM020948.D

Acq: 14 Jun 2019 18:08

Instrument :

BNA_M

ClientSampled :

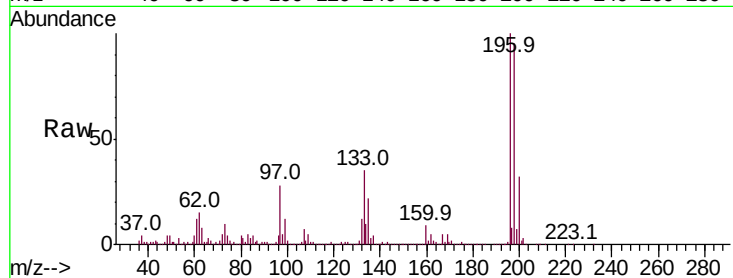
Tot Ion:198 Resp: 1130843

Ion Ratio Lower Upper

198 100

182 0.1 3.7 5.5#

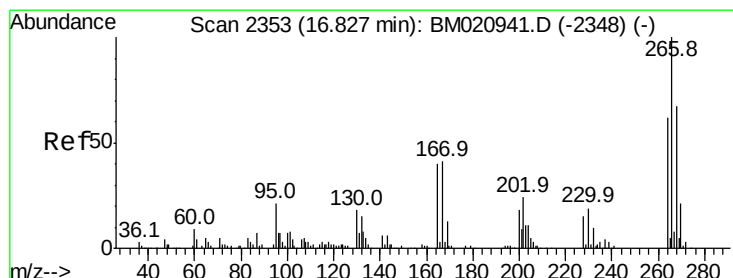
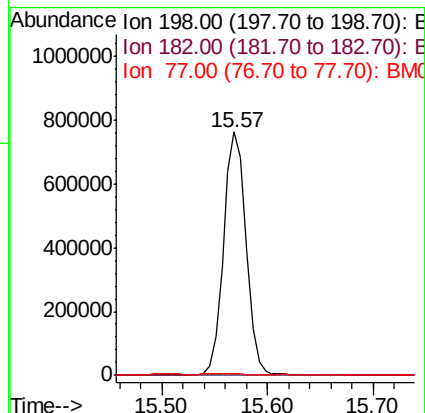
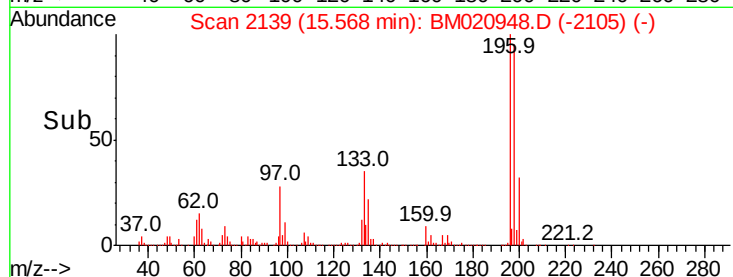
77 0.6 18.4 27.6#



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: 221.970 ng/ul

RT: 16.83 min Scan# 2354

Delta R.T. 0.01 min

Lab File: BM020948.D

Acq: 14 Jun 2019 18:08

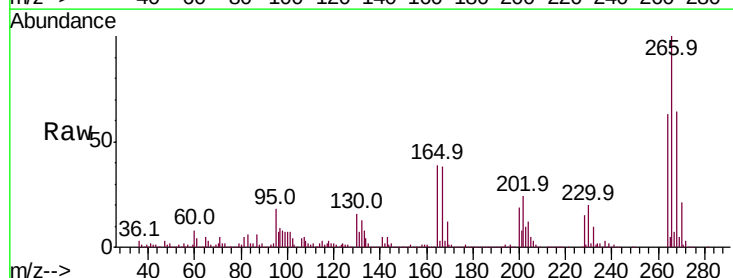
Tgt Ion:266 Resp: 3013654

Ion Ratio Lower Upper

266 100

264 63.1 49.9 74.9

268 64.4 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

