

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020909.D
 Acq On : 12 Jun 2019 18:29
 Operator : HP/JU
 Sample : K3215-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8K9MS

Quant Time: Jun 13 06:47:33 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	279289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1129247	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.45	164	641427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1417984	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1328456	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1519391	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9584	1.64	ng/uL	0.00
5) Phenol-d5	6.97	99	176841	8.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	393949	30.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	468217	27.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	312831	18.20	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	268980	34.90	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	300104	37.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	559537	33.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	5571	0.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1845689	38.90	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2236298	37.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	67108	8.24	ng/ul	0.00
57) Fluorene-d10	15.44	176	1571658	38.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	196413	27.09	ng/ul	0.00
70) Anthracene-d10	17.29	188	2384889	38.50	ng/ul	0.00
78) Pyrene-d10	19.58	212	2615132	40.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2967784	42.98	ng/ul	0.00

Target Compounds

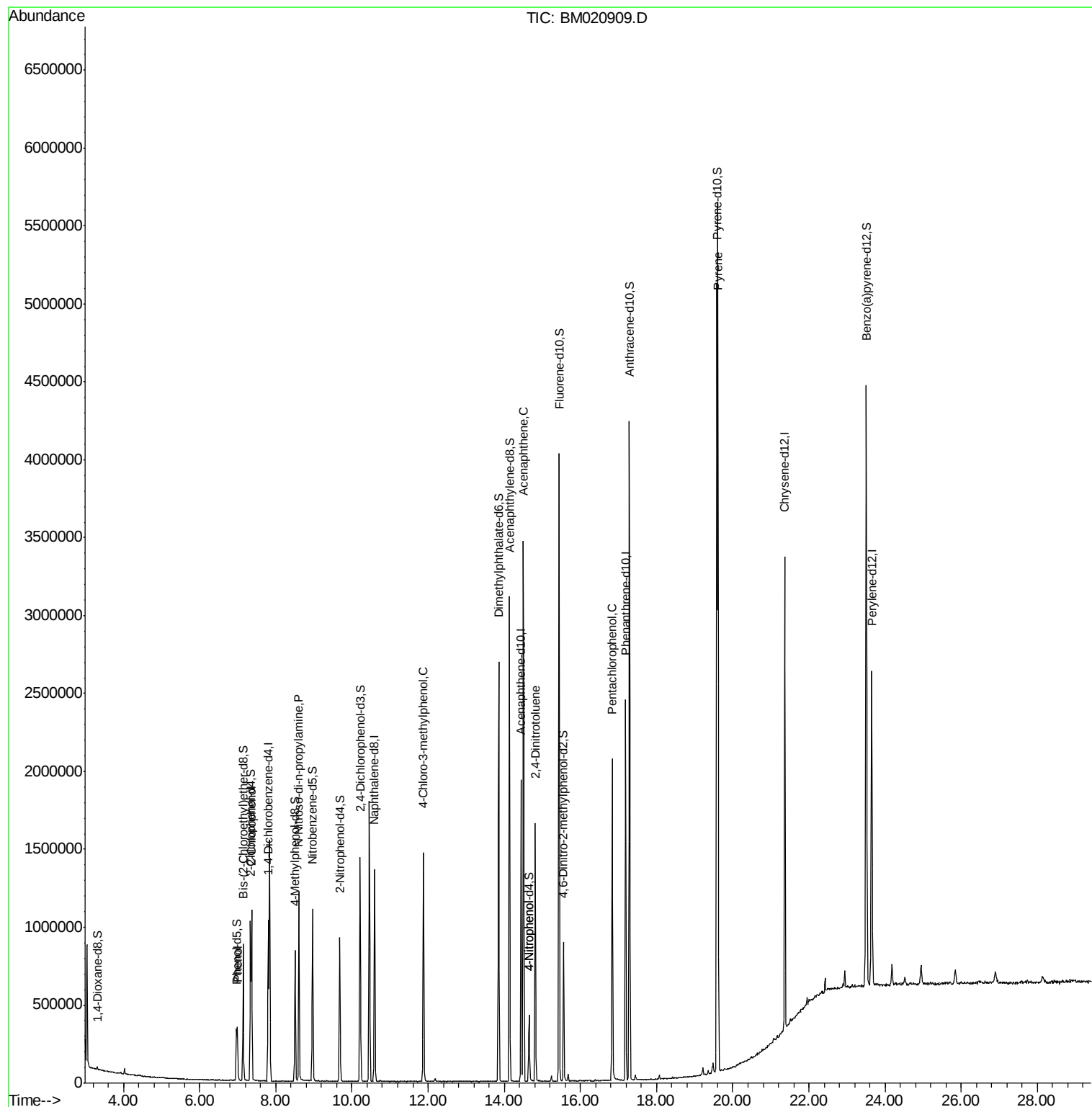
					Ovalue
6) Phenol	6.99	94	180382	8.200	ng/ul 100
10) 2-Chlorophenol	7.37	128	468194	26.744	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.61	70	448209	32.048	ng/ul 96
33) 4-Chloro-3-methylphenol	11.87	107	517287	30.629	ng/ul 97
49) Acenaphthene	14.51	153	1484392	36.533	ng/ul 99
52) 4-Nitrophenol	14.66	109	58283	8.732	ng/ul 95
54) 2,4-Dinitrotoluene	14.82	165	489356	37.984	ng/ul 97
68) Pentachlorophenol	16.84	266	380948	38.455	ng/ul 99
79) Pvrene	19.61	202	3342505	40.761	ng/ul 98

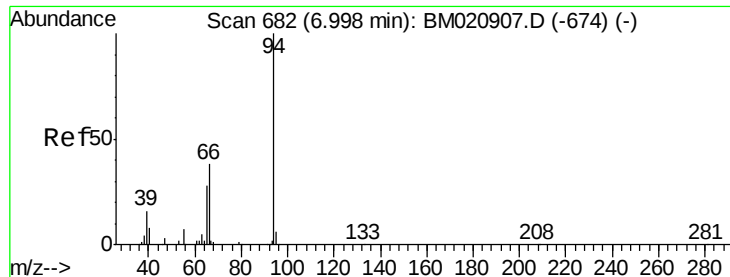
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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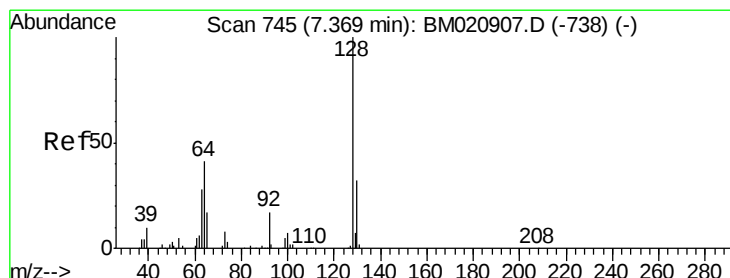
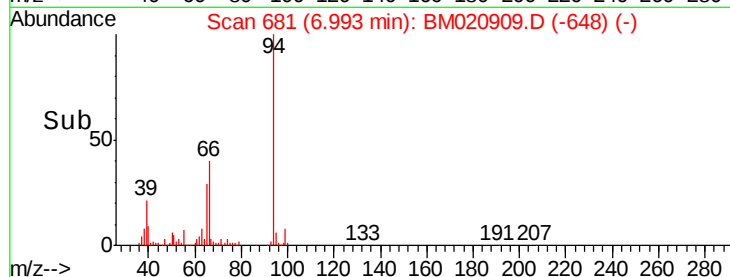
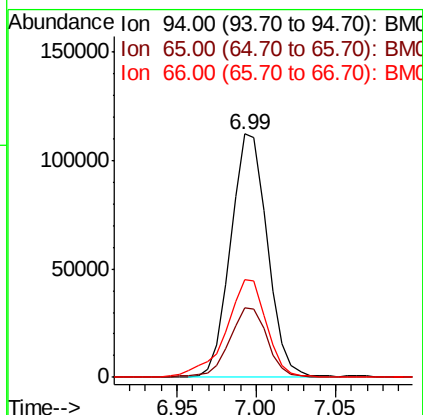
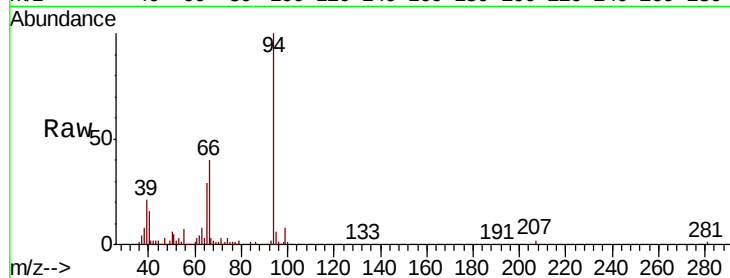
#6

Phenol

Concen: 8.200 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM020909.D
 Acq: 12 Jun 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 DB8K9MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.8	23.3	34.9
66	40.1	32.1	48.1

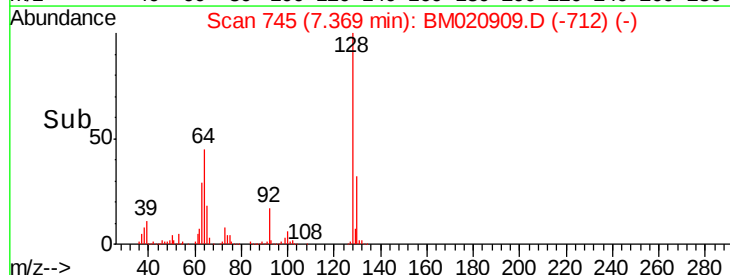
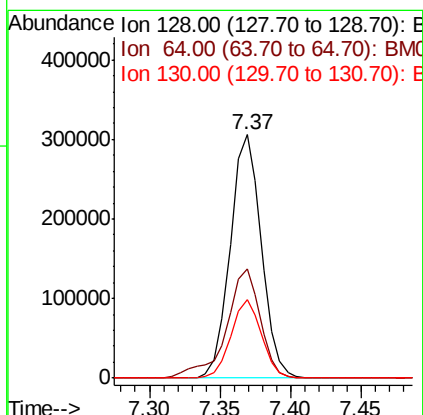
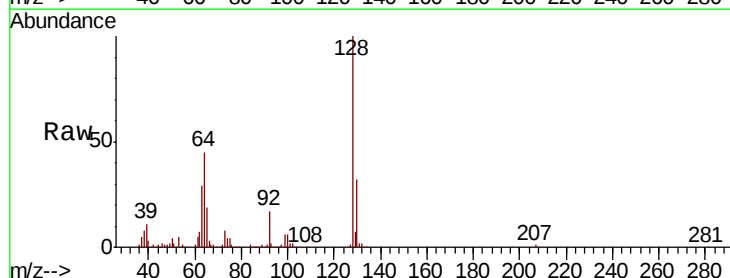


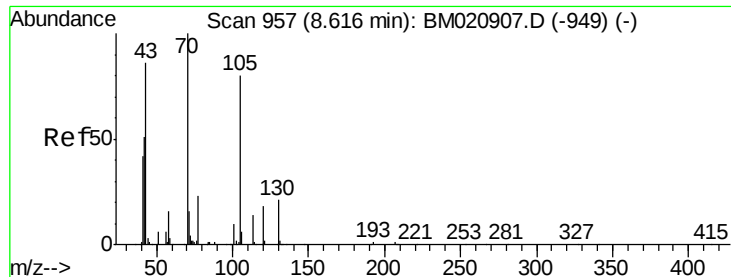
#10

2-Chlorophenol

Concen: 26.744 ng/ul
 RT: 7.37 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BM020909.D
 Acq: 12 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.6	39.0	58.4
130	32.5	27.5	41.3





#15

N-Nitroso-di-n-propylamine

Concen: 32.048 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

Instrument :

BNA_M

ClientSampleId :

DB8K9MS

Tot Ion: 70 Resp: 448209

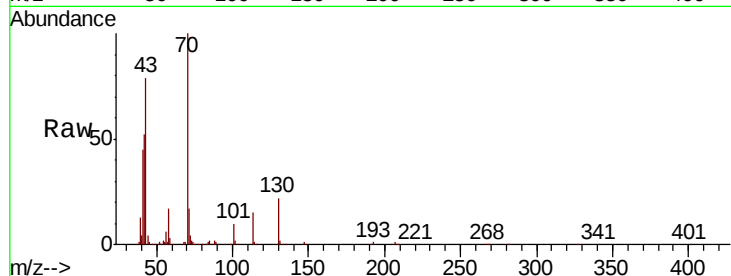
Ion Ratio Lower Upper

70 100

42 51.9 43.6 65.4

101 10.0 8.2 12.2

130 22.3 15.8 23.8

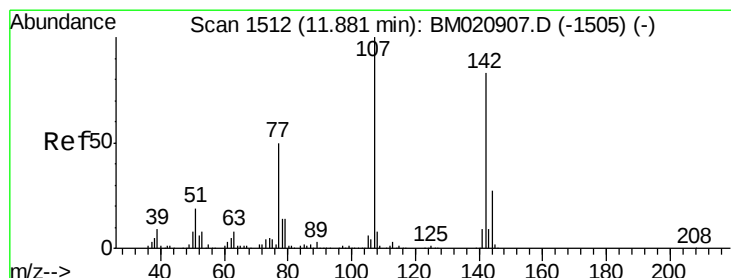
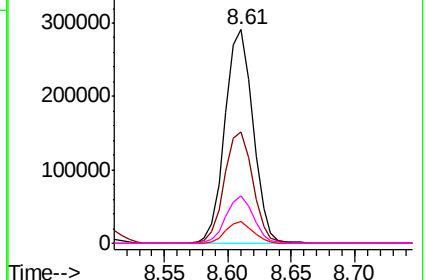
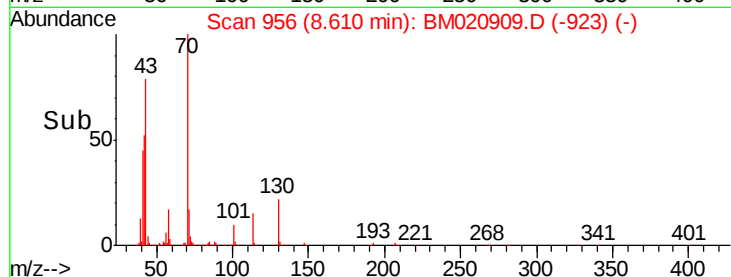


Abundance Ion 70.00 (69.70 to 70.70): BM020907.D (-949) (-)

Ion 42.00 (41.70 to 42.70): BM020907.D (-949) (-)

Ion 101.00 (100.70 to 101.70): BM020907.D (-949) (-)

Ion 130.00 (129.70 to 130.70): BM020907.D (-949) (-)



#33

4-Chloro-3-methylphenol

Concen: 30.629 ng/ul

RT: 11.87 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

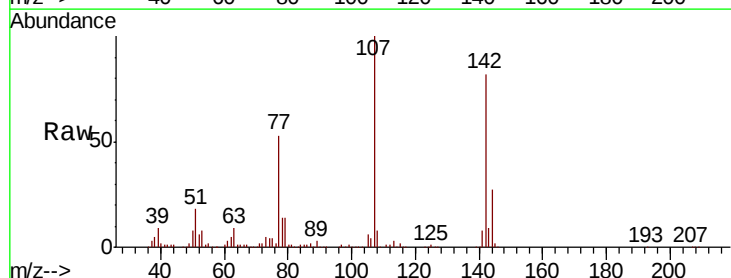
Tgt Ion:107 Resp: 517287

Ion Ratio Lower Upper

107 100

144 27.3 21.3 31.9

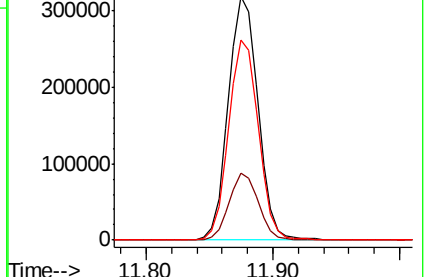
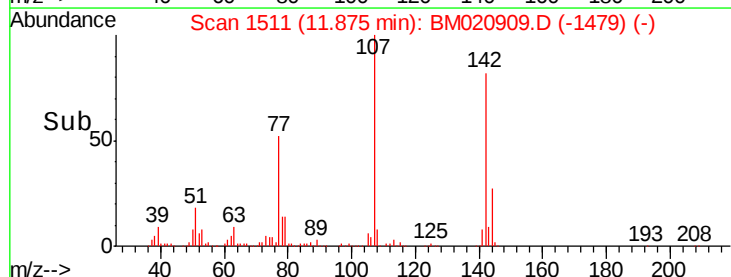
142 82.0 63.2 94.8

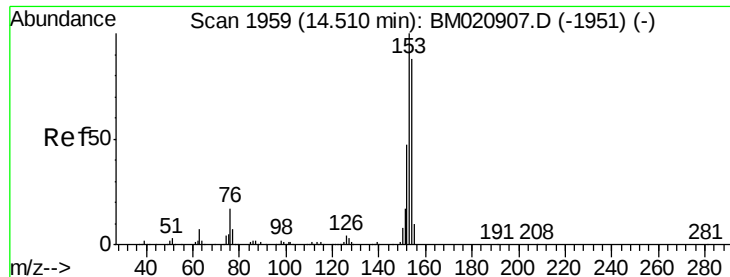


Abundance Ion 107.00 (106.70 to 107.70): BM020907.D (-1505) (-)

Ion 144.00 (143.70 to 144.70): BM020907.D (-1505) (-)

Ion 142.00 (141.70 to 142.70): BM020907.D (-1505) (-)





#49

Acenaphthene

Concen: 36.533 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

Instrument :

BNA_M

ClientSampleId :

DB8K9MS

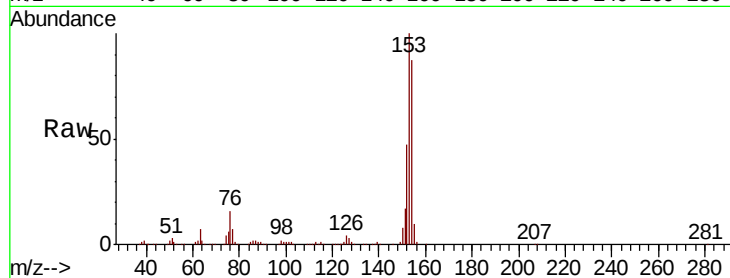
Tot Ion:153 Resp: 1484392

Ion Ratio Lower Upper

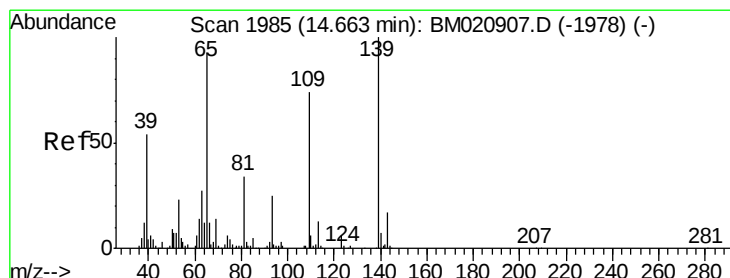
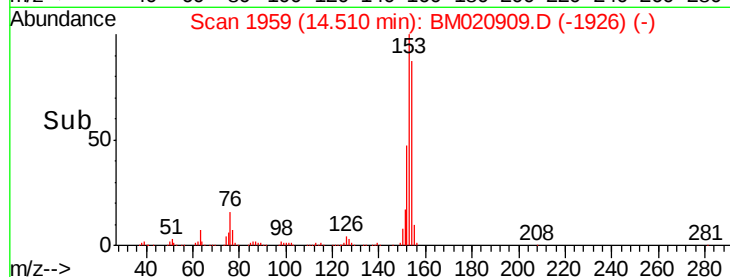
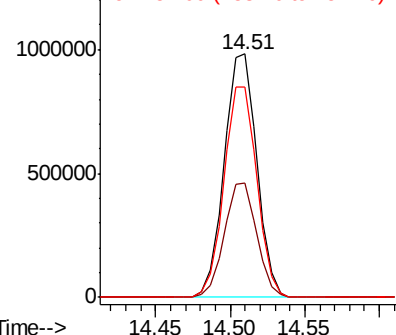
153 100

152 47.2 37.3 55.9

154 86.5 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 8.732 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

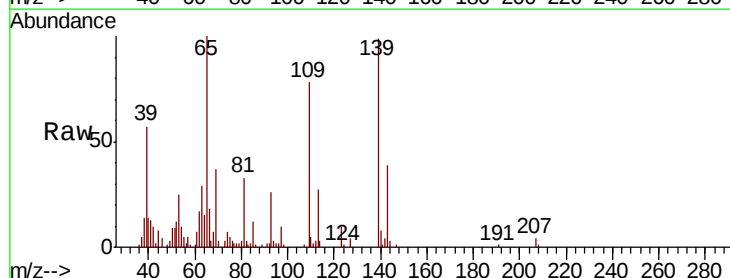
Tgt Ion:109 Resp: 58283

Ion Ratio Lower Upper

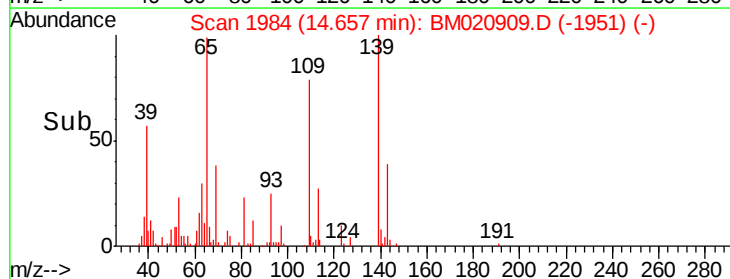
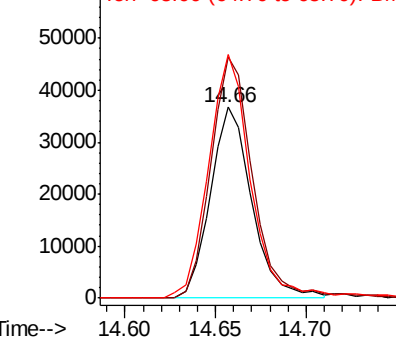
109 100

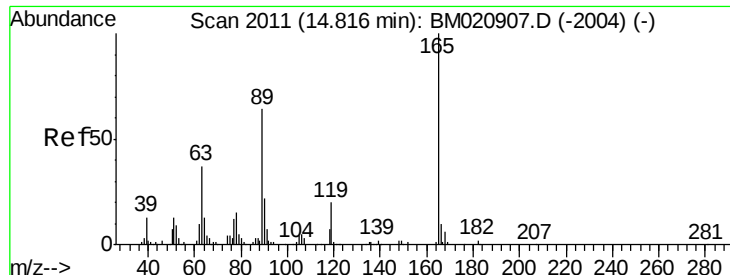
139 126.6 105.9 158.9

65 127.6 106.2 159.4



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

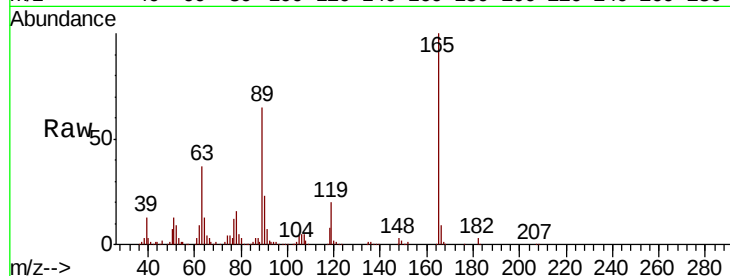




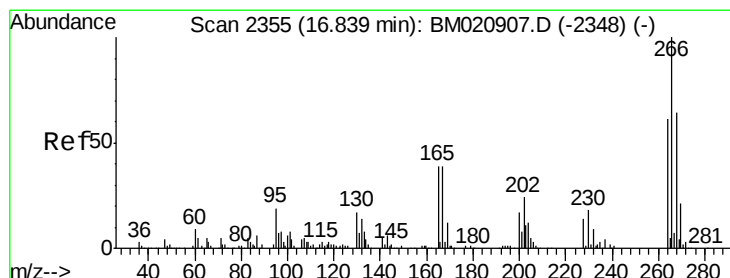
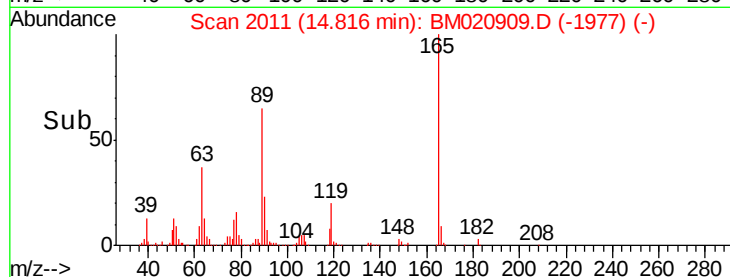
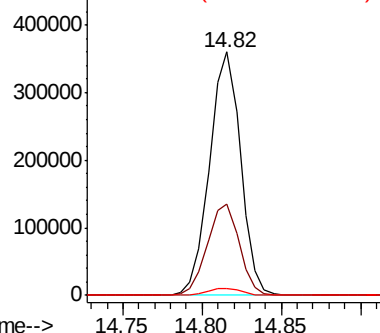
#54
2,4-Dinitrotoluene
Concen: 37.984 ng/ul
RT: 14.82 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BM020909.D
Acq: 12 Jun 2019 18:29

Instrument :
BNA_M
ClientSampleId :
DB8K9MS

Tot Ion:165 Resp: 489356
Ion Ratio Lower Upper
165 100
63 37.4 31.7 47.5
182 3.0 2.2 3.4

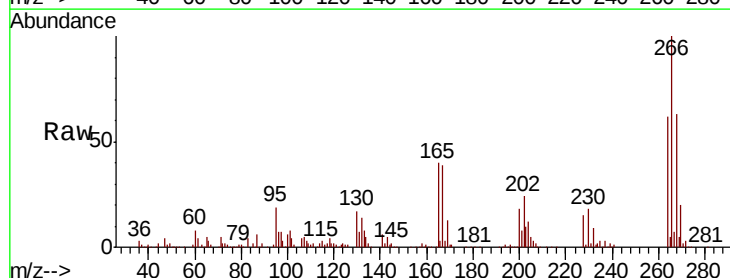


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E

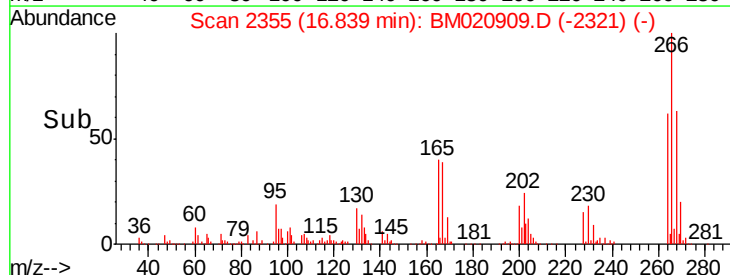
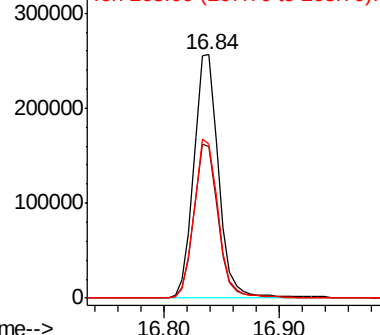


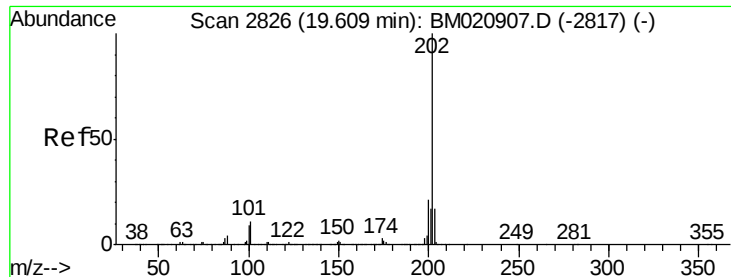
#68
Pentachlorophenol
Concen: 38.455 ng/ul
RT: 16.84 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BM020909.D
Acq: 12 Jun 2019 18:29

Tgt Ion:266 Resp: 380948
Ion Ratio Lower Upper
266 100
264 62.0 50.3 75.5
268 63.1 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





#79

Pvrene

Concen: 40.761 ng/ul

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

Instrument :

BNA_M

ClientSampleId :

DB8K9MS

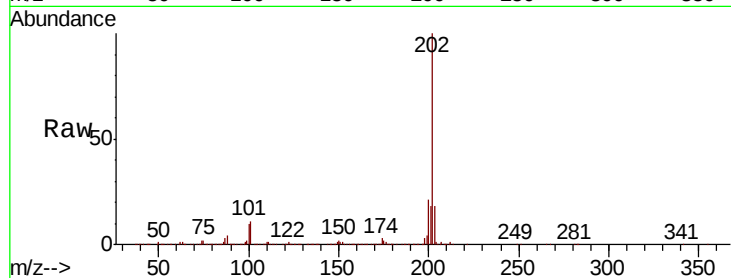
Tot Ion:202 Resp: 3342505

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.6

100 9.5 8.0 12.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

