

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020910.D
 Acq On : 12 Jun 2019 19:06
 Operator : HP/JU
 Sample : K3215-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8K9MSD

Quant Time: Jun 13 06:50:52 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	313782	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1250098	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	695026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1495351	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1349651	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1543546	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	10317	1.57	ng/uL	0.00
5) Phenol-d5	6.97	99	226205	9.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	514479	35.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	612072	32.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	391042	20.24	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	344394	40.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	380115	43.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	693220	37.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	5837	0.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2191756	42.63	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2644465	40.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	74547	8.45	ng/ul	0.00
57) Fluorene-d10	15.44	176	1846200	42.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	213473	27.92	ng/ul	0.00
70) Anthracene-d10	17.29	188	2752247	42.14	ng/ul	0.00
78) Pyrene-d10	19.58	212	2921882	44.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	3293781	46.95	ng/ul	0.00

Target Compounds

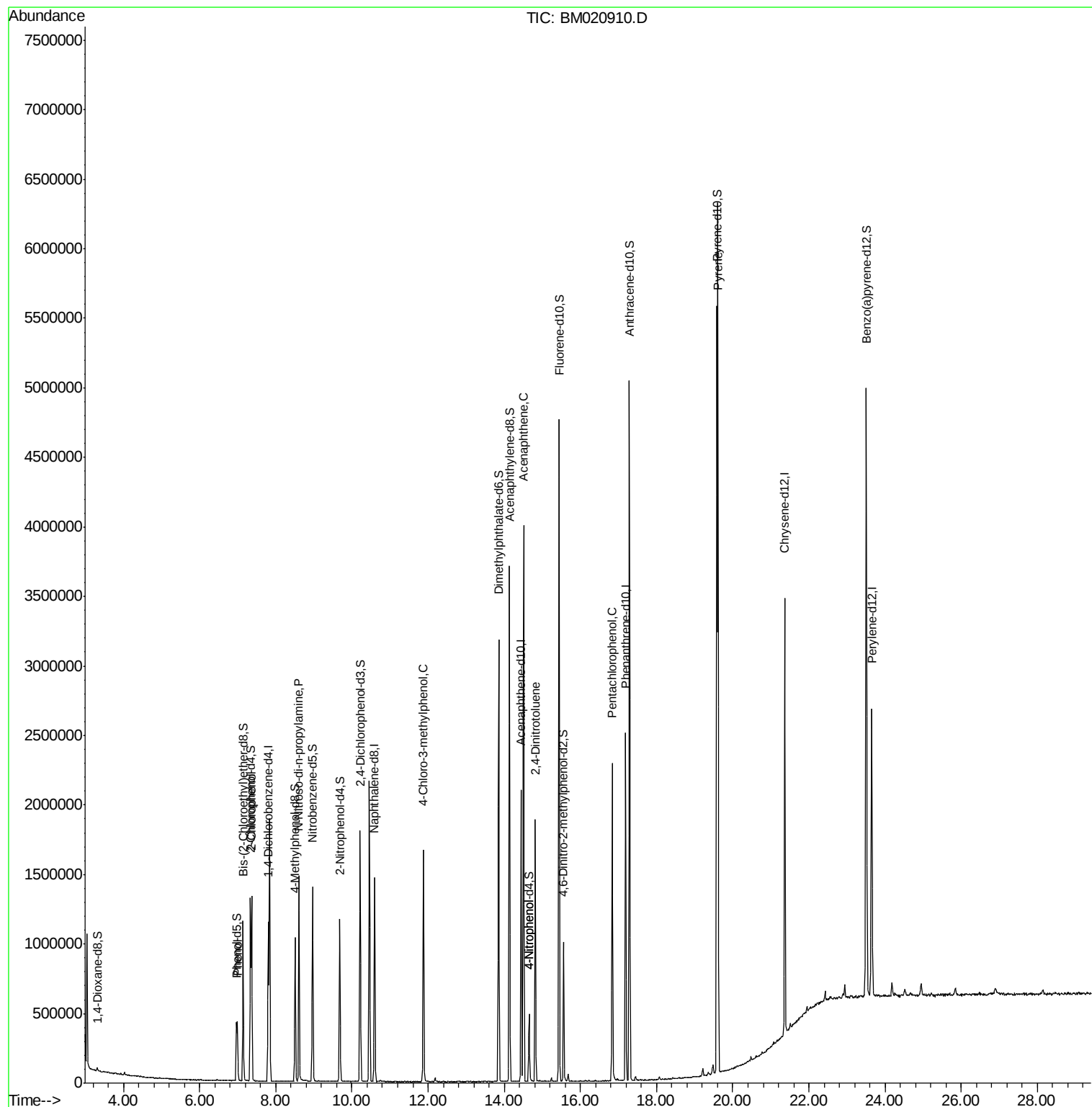
					Ovalue
6) Phenol	7.00	94	226795	9.177	ng/ul 98
10) 2-Chlorophenol	7.37	128	579961	29.487	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.61	70	546637	34.789	ng/ul 97
33) 4-Chloro-3-methylphenol	11.87	107	593482	31.743	ng/ul 99
49) Acenaphthene	14.51	153	1684612	38.264	ng/ul 98
52) 4-Nitrophenol	14.66	109	64300	8.890	ng/ul 93
54) 2,4-Dinitrotoluene	14.82	165	561182	40.200	ng/ul 96
68) Pentachlorophenol	16.83	266	420632	40.264	ng/ul 99
79) Pvrene	19.61	202	3603650	43.255	ng/ul 98

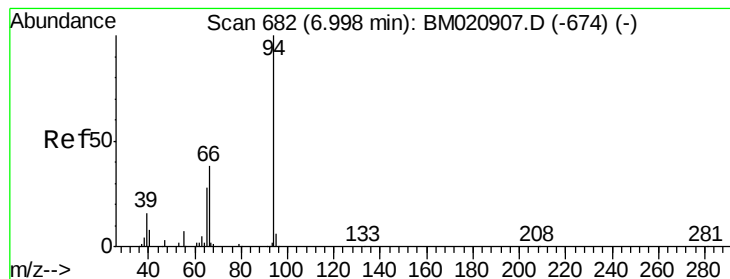
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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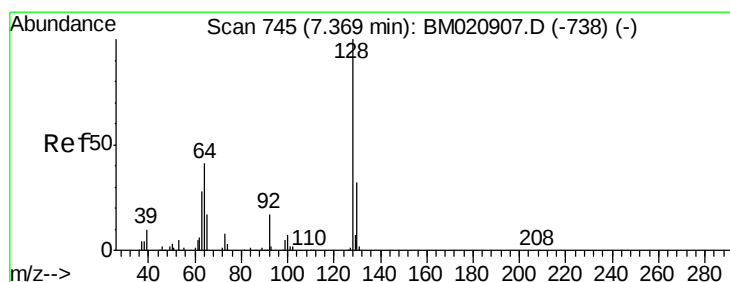
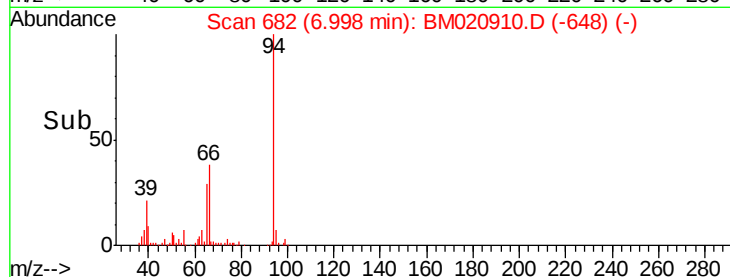
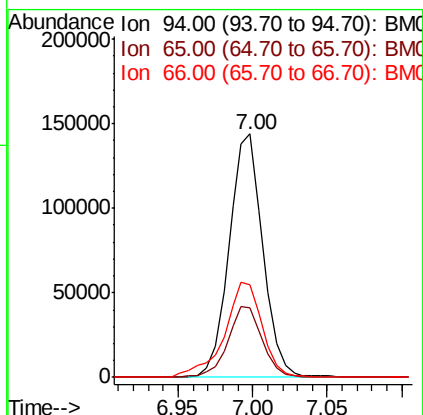
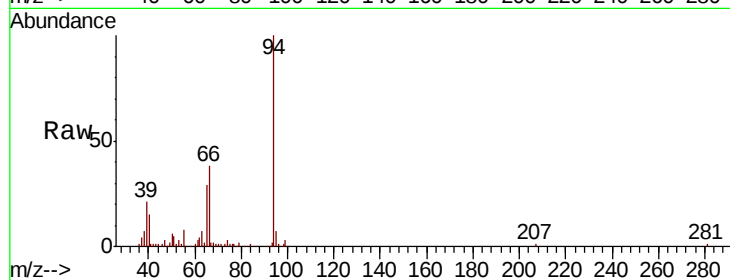
#6

Phenol

Concen: 9.177 ng/ul
 RT: 7.00 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BM020910.D
 Acq: 12 Jun 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 DB8K9MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.7	23.3	34.9
66	37.8	32.1	48.1

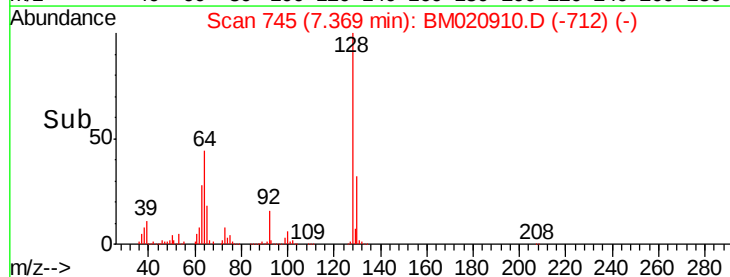
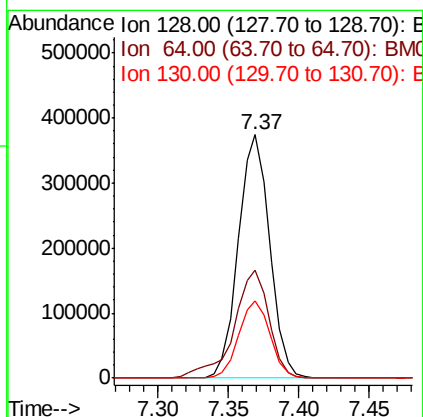
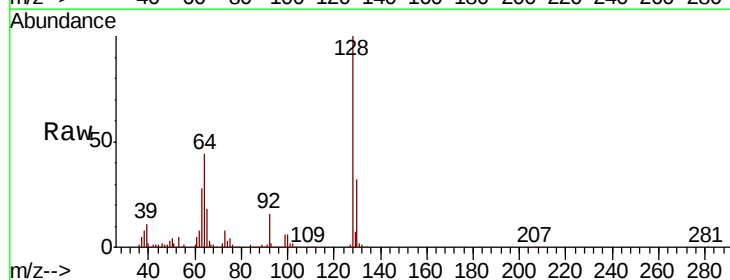


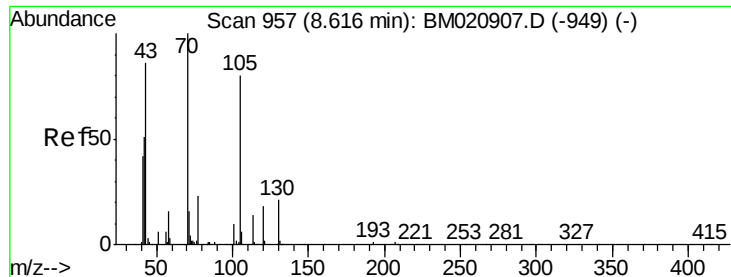
#10

2-Chlorophenol

Concen: 29.487 ng/ul
 RT: 7.37 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BM020910.D
 Acq: 12 Jun 2019 19:06

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.3	39.0	58.4
130	31.9	27.5	41.3





#15

N-Nitroso-di-n-propylamine

Concen: 34.789 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM020910.D

Acq: 12 Jun 2019 19:06

Instrument :

BNA_M

ClientSampleId :

DB8K9MSD

Tot Ion: 70 Resp: 546637

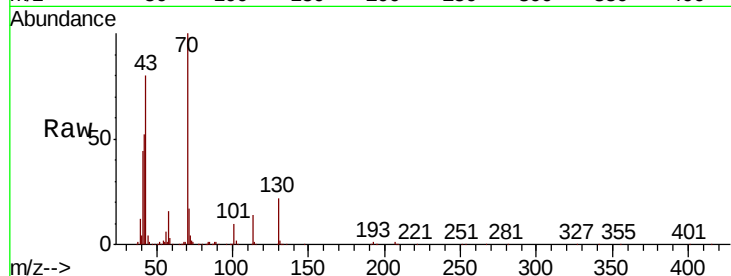
Ion Ratio Lower Upper

70 100

42 52.3 43.6 65.4

101 9.8 8.2 12.2

130 21.7 15.8 23.8



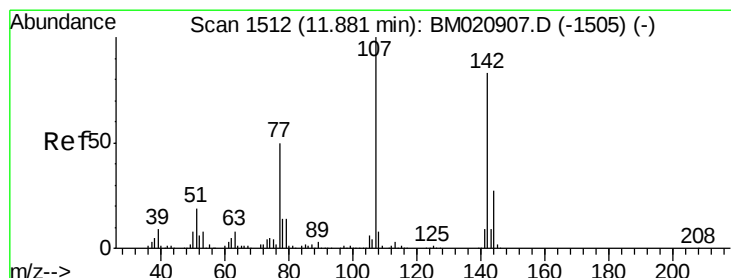
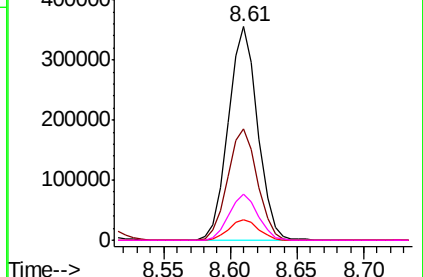
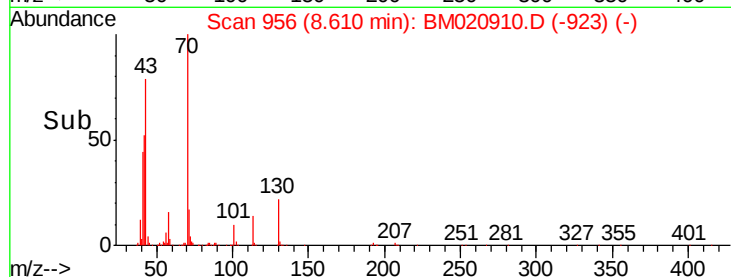
Abundance Ion 70.00 (69.70 to 70.70): BM020907.D (-949) (-)

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) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 31.743 ng/ul

RT: 11.87 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BM020910.D

Acq: 12 Jun 2019 19:06

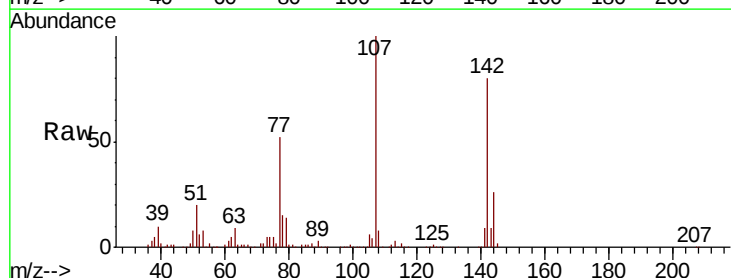
Tgt Ion: 107 Resp: 593482

Ion Ratio Lower Upper

107 100

144 26.4 21.3 31.9

142 80.2 63.2 94.8

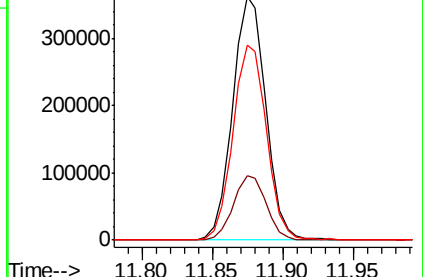
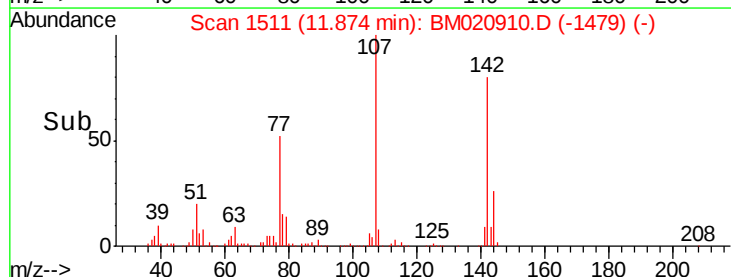


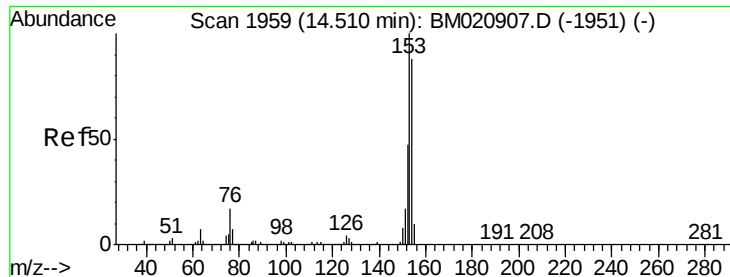
Abundance Ion 107.00 (106.70 to 107.70): BM020907.D (-1505) (-)

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

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

Time-->





#49

Acenaphthene

Concen: 38.264 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM020910.D

Acq: 12 Jun 2019 19:06

Instrument :

BNA_M

ClientSampleId :

DB8K9MSD

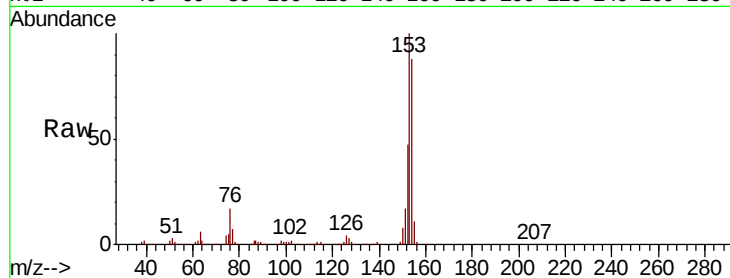
Tot Ion:153 Resp: 1684612

Ion Ratio Lower Upper

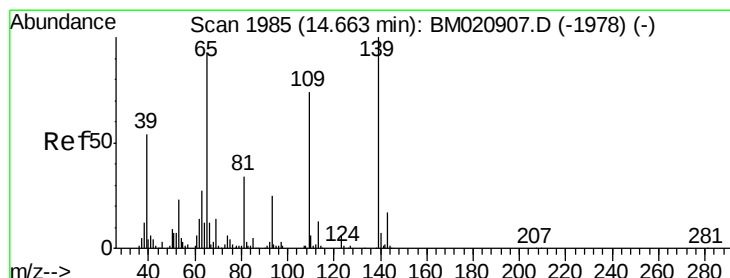
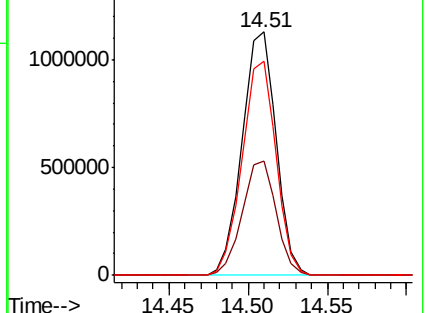
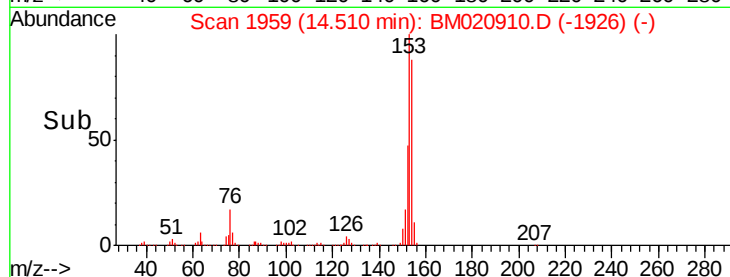
153 100

152 47.2 37.3 55.9

154 88.1 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: 8.890 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM020910.D

Acq: 12 Jun 2019 19:06

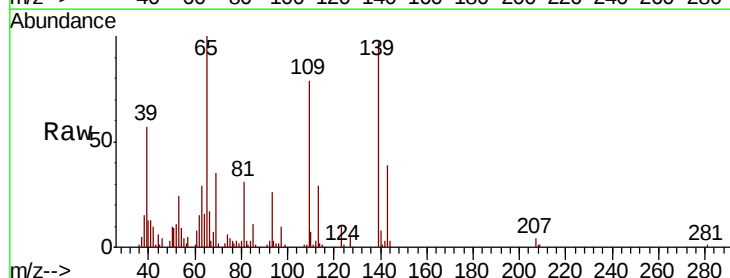
Tgt Ion:109 Resp: 64300

Ion Ratio Lower Upper

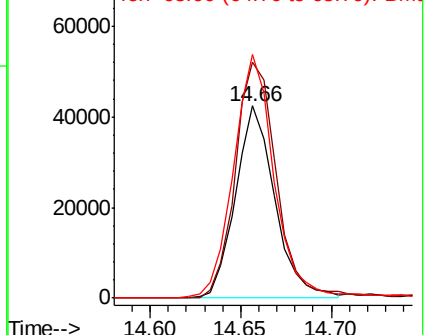
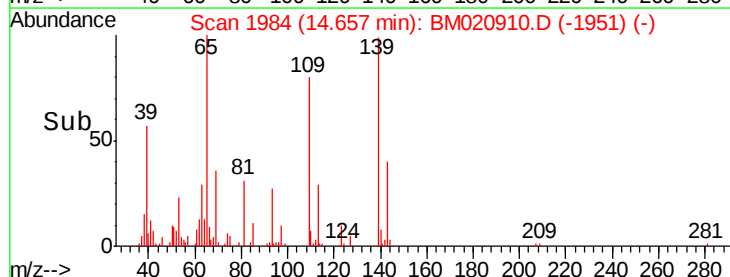
109 100

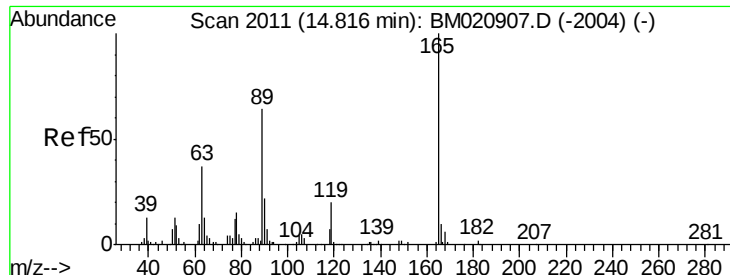
139 123.0 105.9 158.9

65 126.6 106.2 159.4



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): E

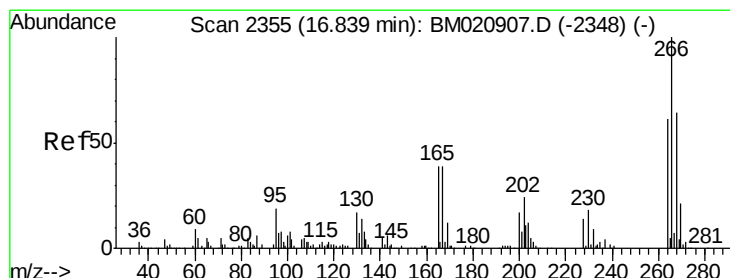
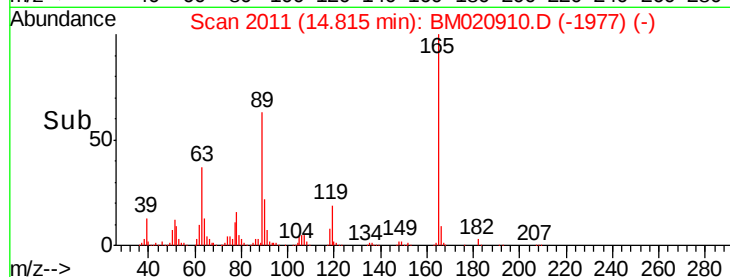
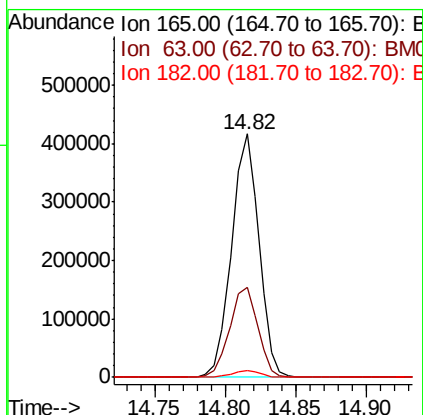
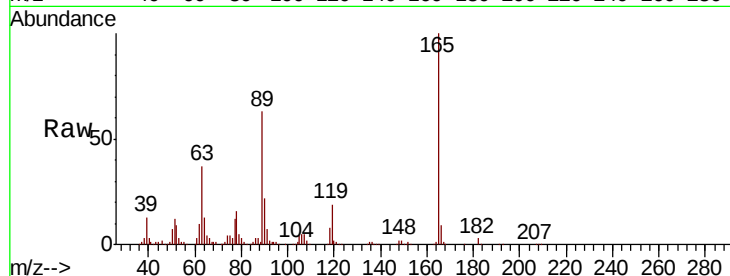




#54
2,4-Dinitrotoluene
Concen: 40.200 ng/ul
RT: 14.82 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BM020910.D
Acq: 12 Jun 2019 19:06

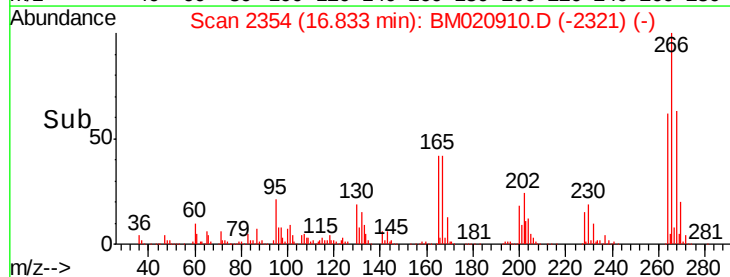
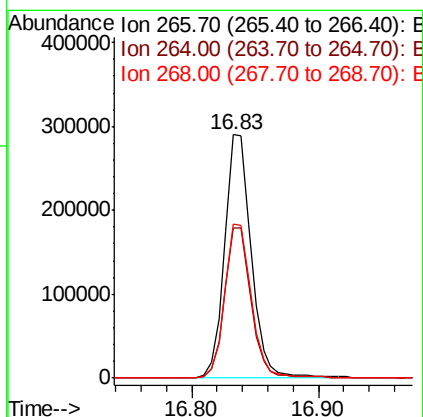
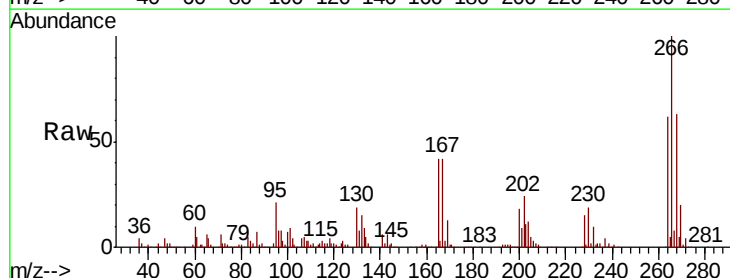
Instrument :
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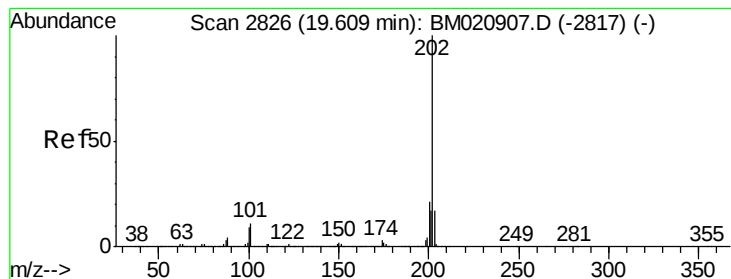
Tot Ion:165 Resp: 561182
Ion Ratio Lower Upper
165 100
63 37.2 31.7 47.5
182 2.9 2.2 3.4



#68
Pentachlorophenol
Concen: 40.264 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BM020910.D
Acq: 12 Jun 2019 19:06

Tgt Ion:266 Resp: 420632
Ion Ratio Lower Upper
266 100
264 61.9 50.3 75.5
268 63.4 51.2 76.8

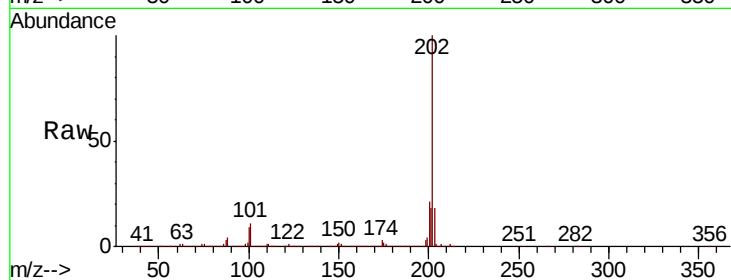




#79
 Pvrene
 Concen: 43.255 ng/ul
 RT: 19.61 min Scan# 2826
 Delta R.T. -0.01 min
 Lab File: BM020910.D
 Acq: 12 Jun 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 DB8K9MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.6
100	9.3	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

