

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
 Data File : BM026820.D
 Acq On : 21 Jul 2020 22:34
 Operator : JU/CG
 Sample : L3336-16MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PMW-2MS

Quant Time: Jul 22 01:41:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 10:10:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	70680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	306447	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.96	164	207833	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	480469	20.00	ng/ul	0.00
78) Chrysene-d12	20.94	240	469179	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	432630	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	13794	5.86	ng/uL	0.00
5) Phenol-d5	6.51	99	51288	7.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.66	67	140537	32.10	ng/ul	0.00
9) 2-Chlorophenol-d4	6.84	132	126045	25.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.03	113	94422	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	77146	31.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.16	143	86676	33.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	158633	31.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	19022	3.57	ng/ul	0.01
44) Dimethylphthalate-d6	13.40	166	605099	36.50	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	666452	33.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	18773	7.85	ng/ul	0.00
58) Fluorene-d10	14.97	176	520660	35.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	97143	32.36	ng/ul	0.00
71) Anthracene-d10	16.82	188	858812	36.30	ng/ul	0.00
79) Pyrene-d10	19.14	212	976216	40.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.88	264	832549	35.66	ng/ul	0.00

Target Compounds

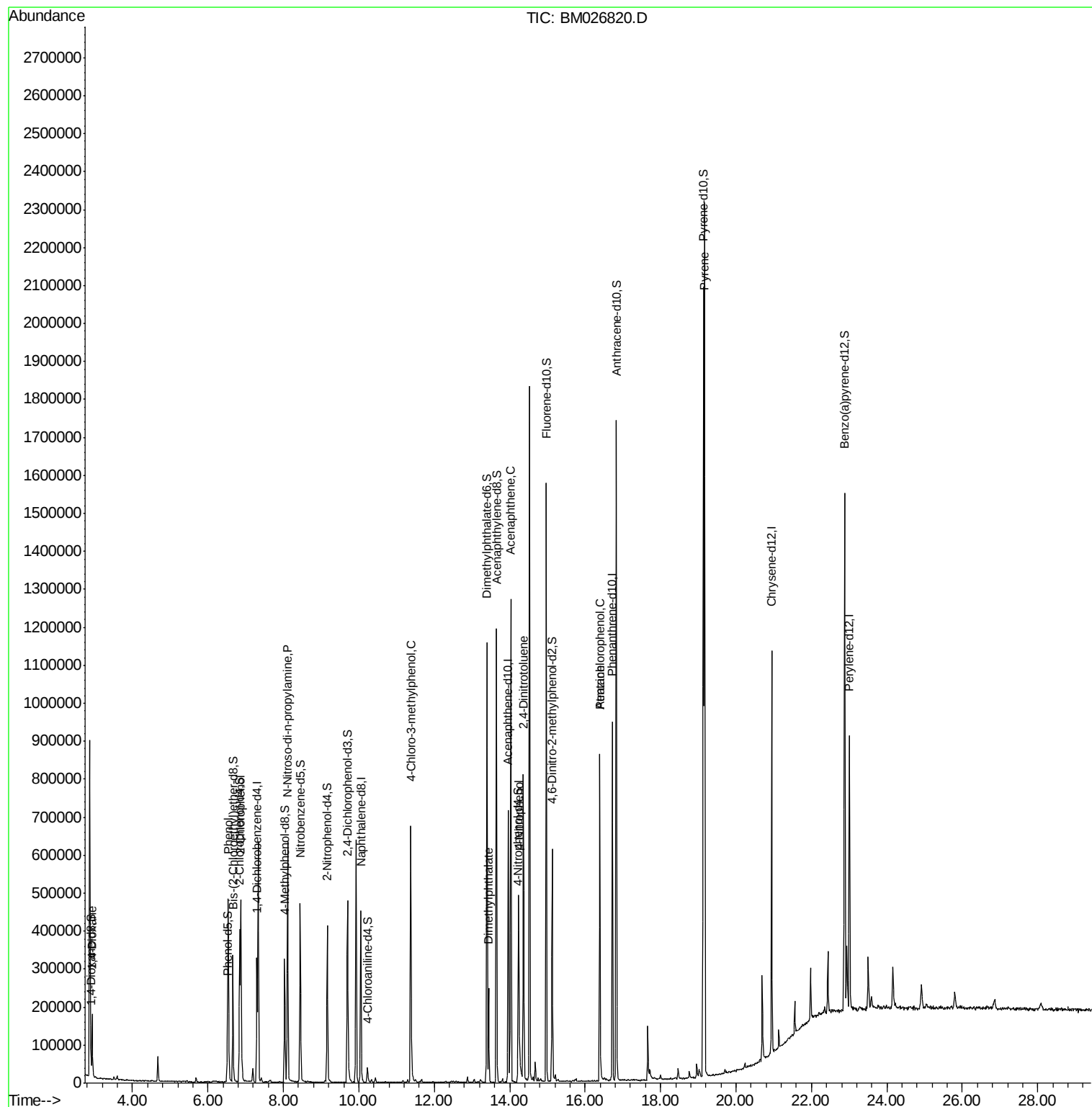
					Ovalue
2) 1,4-Dioxane	2.93	88	64822	25.454	ng/uL 96
6) Phenol	6.54	94	202758	28.491	ng/ul 97
10) 2-Chlorophenol	6.87	128	153923	28.072	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.11	70	172932	33.373	ng/ul 96
33) 4-Chloro-3-methylphenol	11.38	107	214023	35.970	ng/ul 98
45) Dimethylphthalate	13.44	163	125355	7.224	ng/ul 99
50) Acenaphthene	14.02	153	447773	29.529	ng/ul 99
53) 4-Nitrophenol	14.24	109	97898	39.755	ng/ul 87
55) 2,4-Dinitrotoluene	14.37	165	173819	34.849	ng/ul# 81
68) Atrazine	16.39	200	25147	4.805	ng/ul# 37
69) Pentachlorophenol	16.39	266	120935	37.155	ng/ul 99
80) Pyrene	19.17	202	1211977	36.451	ng/ul 99

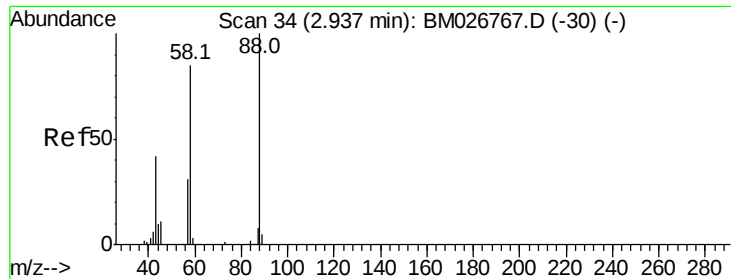
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 25.454 ng/uL

RT: 2.93 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM026820.D

Acq: 21 Jul 2020 22:34

Instrument :

BNA_M

ClientSampleId :

PMW-2MS

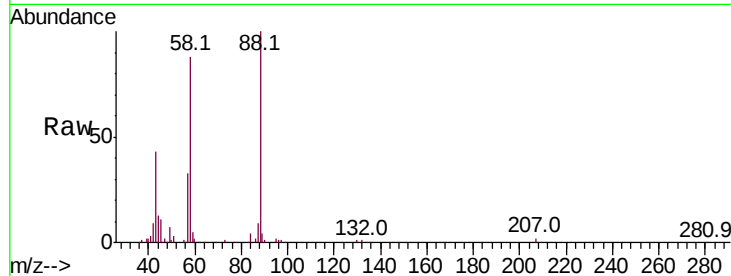
Tot Ion: 88 Resp: 64822

Ion Ratio Lower Upper

88 100

43 42.5 38.2 57.2

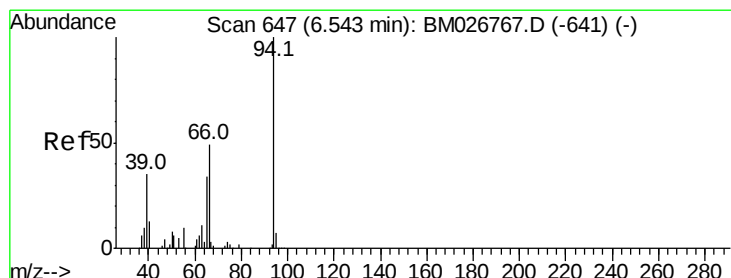
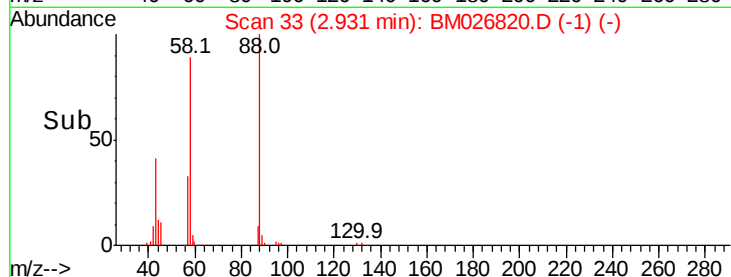
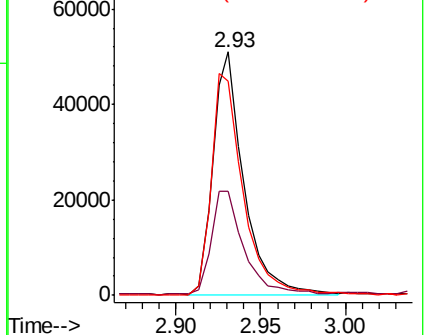
58 87.8 68.9 103.3



Abundance Ion 88.00 (87.70 to 88.70): BM026767.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM026767.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM026767.D (-30) (-)



#6

Phenol

Concen: 28.491 ng/uL

RT: 6.54 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM026820.D

Acq: 21 Jul 2020 22:34

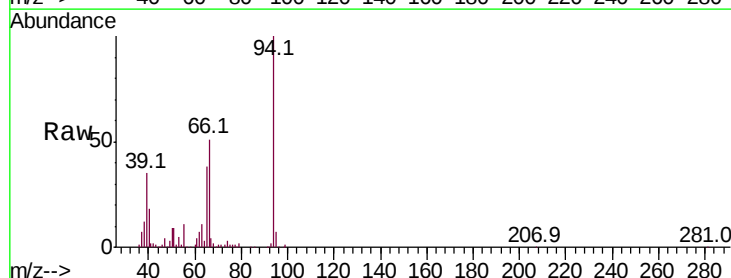
Tgt Ion: 94 Resp: 202758

Ion Ratio Lower Upper

94 100

65 37.7 27.8 41.8

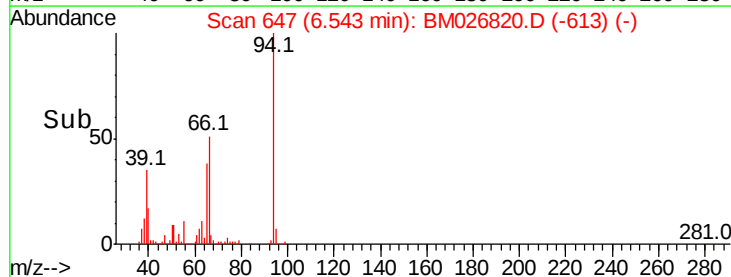
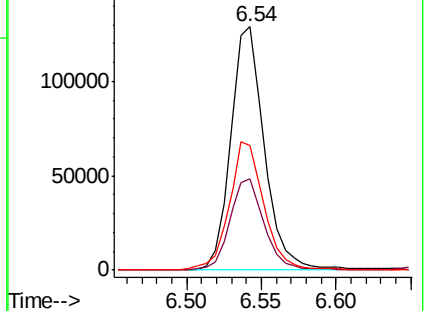
66 51.1 39.9 59.9

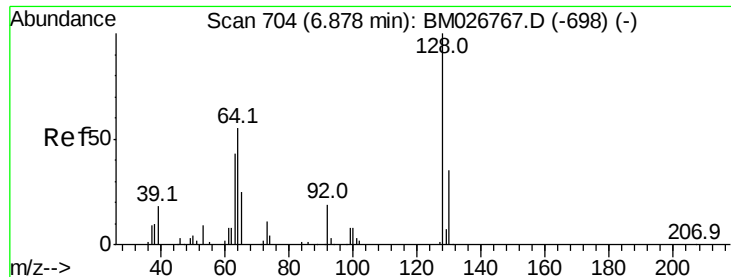


Abundance Ion 94.00 (93.70 to 94.70): BM026767.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM026767.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM026767.D (-641) (-)

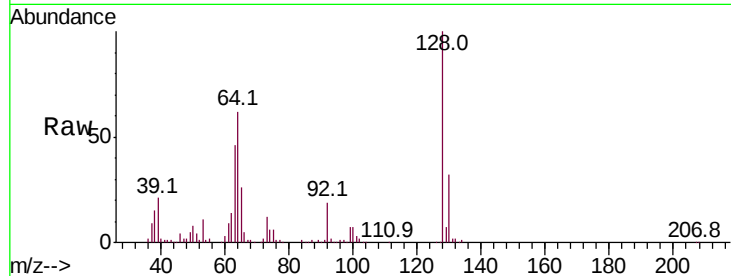




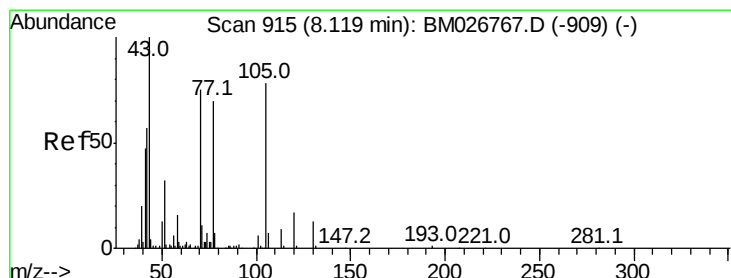
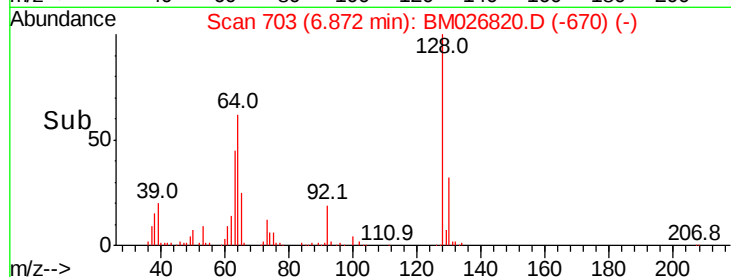
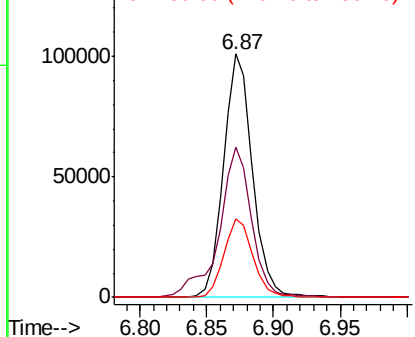
#10
2-Chlorophenol
Concen: 28.072 ng/ul
RT: 6.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: BM026820.D
Acq: 21 Jul 2020 22:34

Instrument :
BNA_M
ClientSampleId :
PMW-2MS

Tot Ion:128 Resp: 153923
Ion Ratio Lower Upper
128 100
64 61.7 47.4 71.2
130 32.4 25.8 38.6



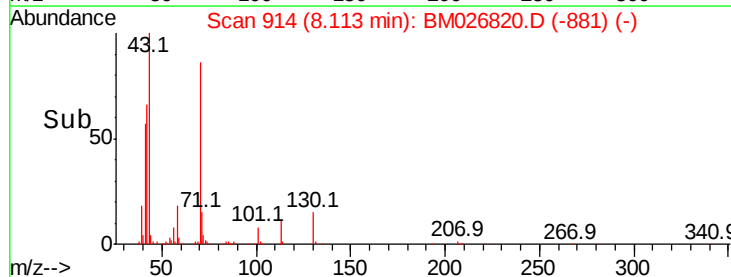
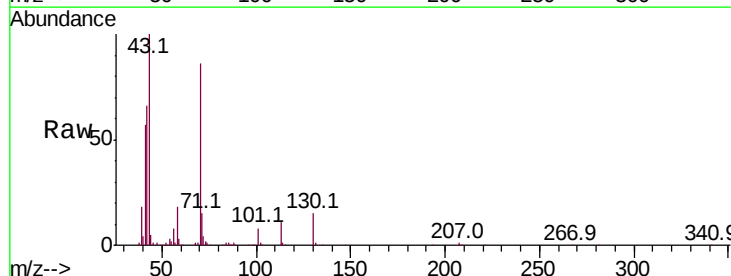
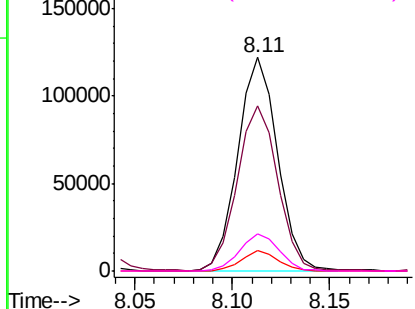
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

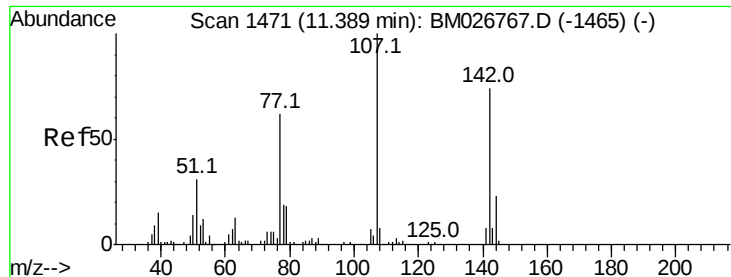


#15
N-Nitroso-di-n-propylamine
Concen: 33.373 ng/ul
RT: 8.11 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026820.D
Acq: 21 Jul 2020 22:34

Tgt Ion: 70 Resp: 172932
Ion Ratio Lower Upper
70 100
42 77.5 58.5 87.7
101 9.3 7.0 10.4
130 17.6 13.2 19.8

Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

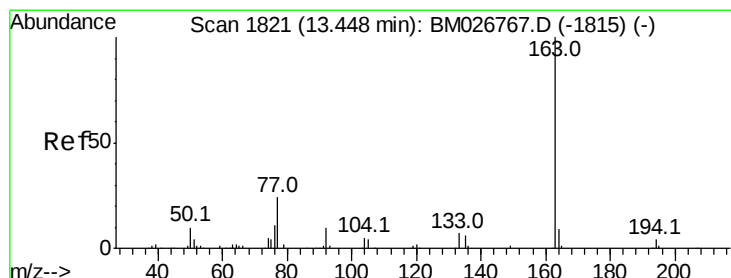
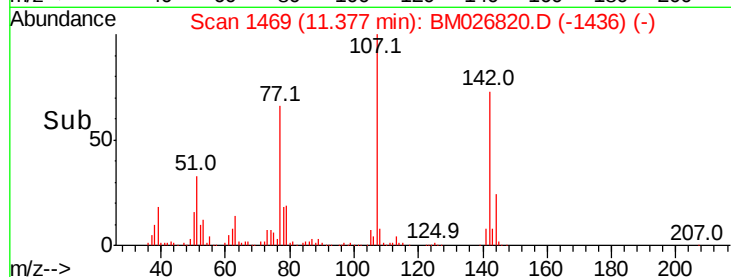
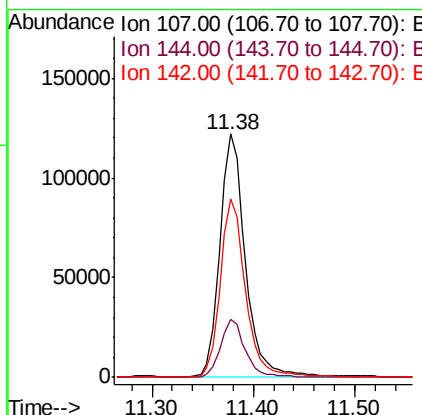
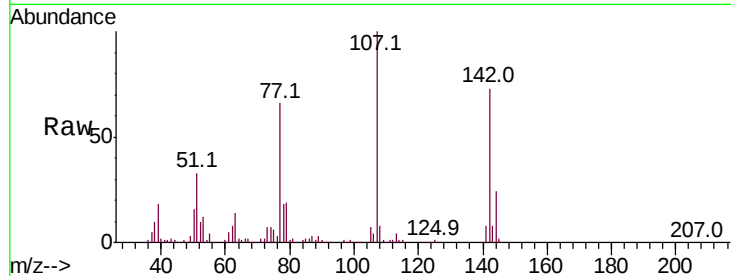




#33
 4-Chloro-3-methylphenol
 Concen: 35.970 ng/ul
 RT: 11.38 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BM026820.D
 Acq: 21 Jul 2020 22:34

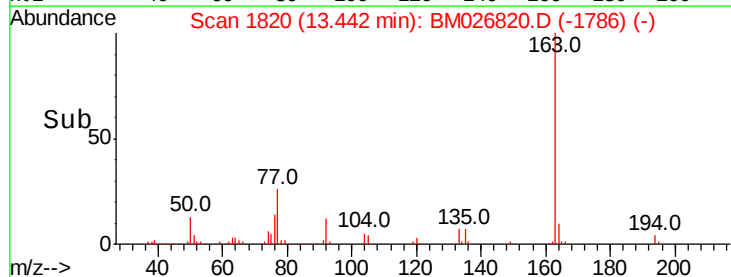
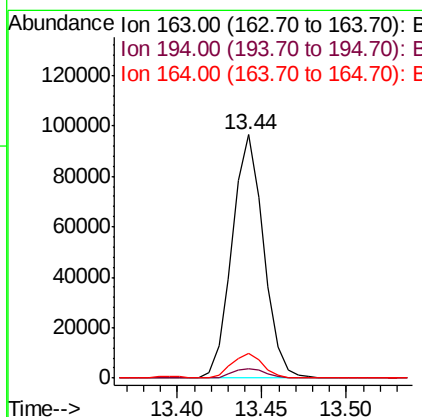
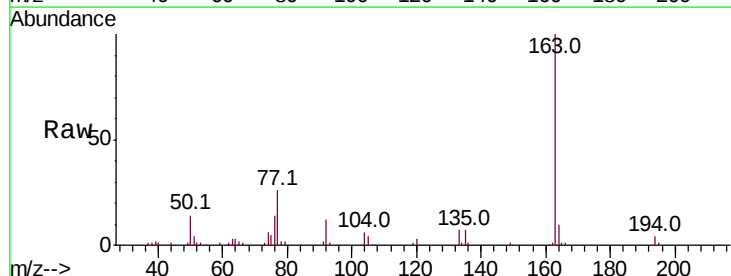
Instrument :
 BNA_M
 ClientSampleId :
 PMW-2MS

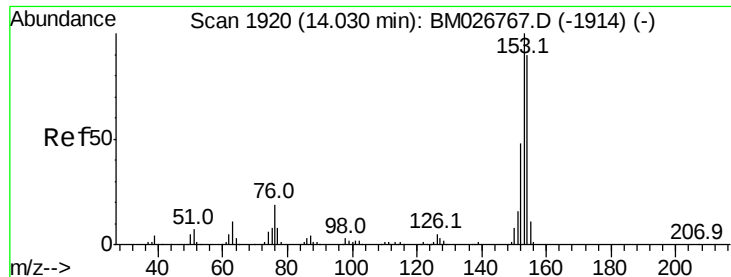
Tot Ion:107 Resp: 214023
 Ion Ratio Lower Upper
 107 100
 144 23.9 17.9 26.9
 142 73.1 57.0 85.6



#45
 Dimethylphthalate
 Concen: 7.224 ng/ul
 RT: 13.44 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BM026820.D
 Acq: 21 Jul 2020 22:34

Tgt Ion:163 Resp: 125355
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.5 5.3
 164 10.1 7.8 11.6





#50

Acenaphthene

Concen: 29.529 ng/ul

RT: 14.02 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM026820.D

Acq: 21 Jul 2020 22:34

Instrument :

BNA_M

ClientSampleId :

PMW-2MS

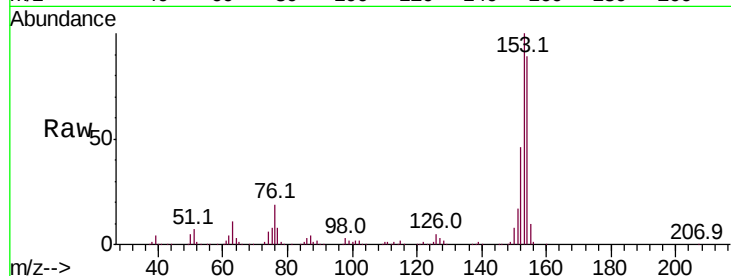
Tot Ion:153 Resp: 447773

Ion Ratio Lower Upper

153 100

152 46.2 37.7 56.5

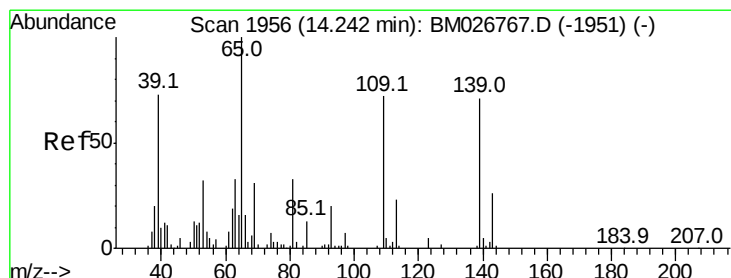
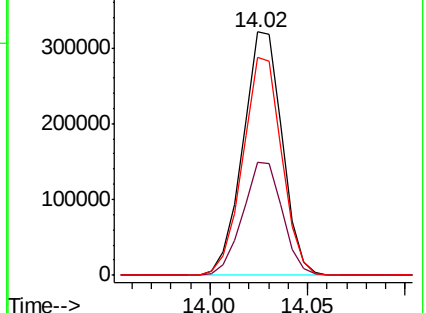
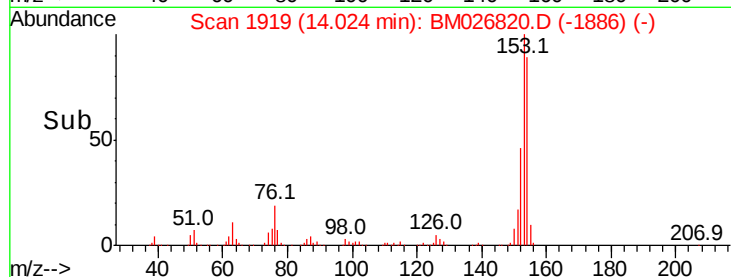
154 89.4 71.3 106.9



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



#53

4-Nitrophenol

Concen: 39.755 ng/ul

RT: 14.24 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM026820.D

Acq: 21 Jul 2020 22:34

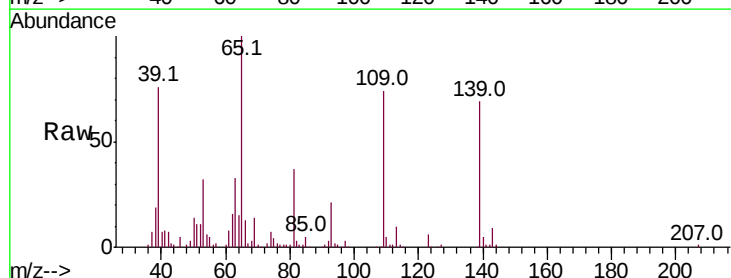
Tgt Ion:109 Resp: 97898

Ion Ratio Lower Upper

109 100

139 93.6 87.5 131.3

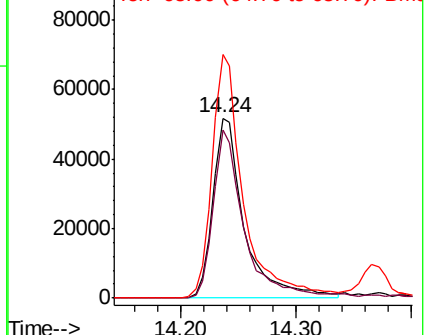
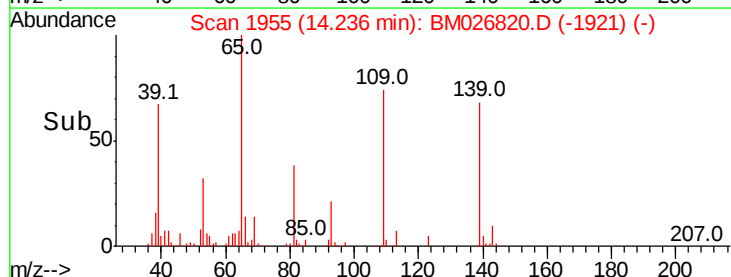
65 135.5 119.4 179.2

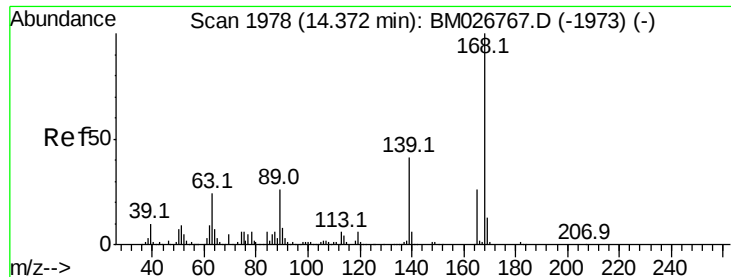


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

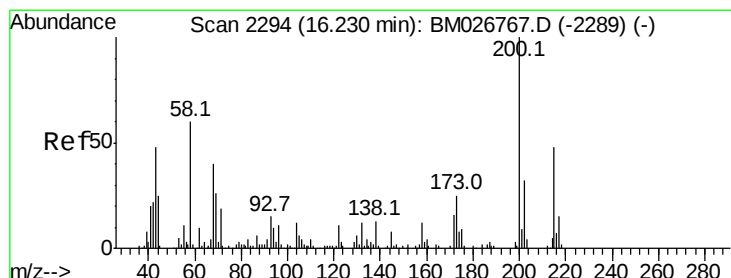
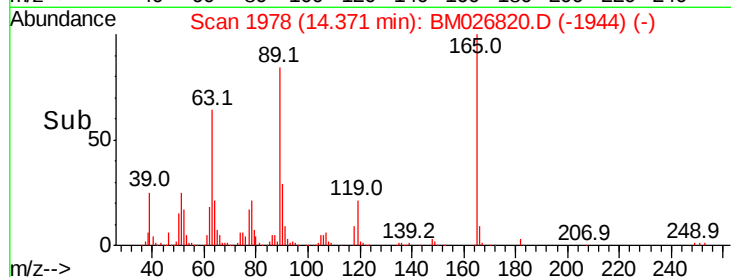
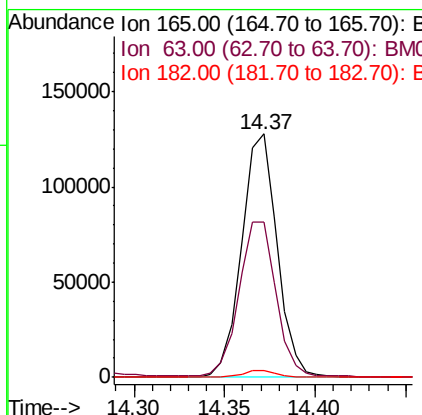
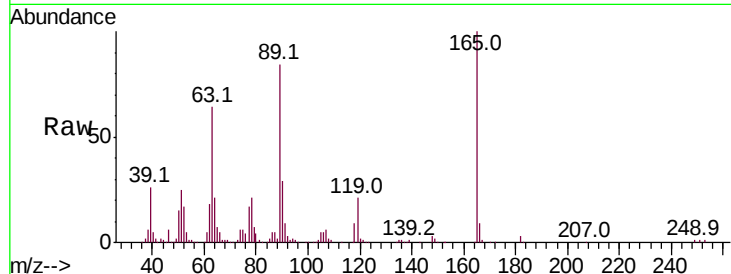




#55
 2,4-Dinitrotoluene
 Concen: 34.849 ng/ul
 RT: 14.37 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BM026820.D
 Acq: 21 Jul 2020 22:34

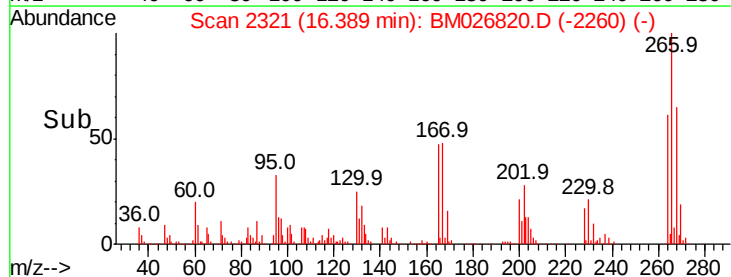
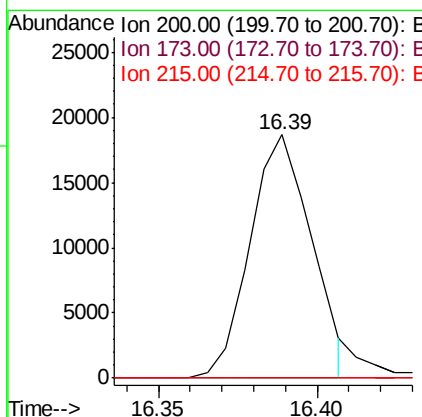
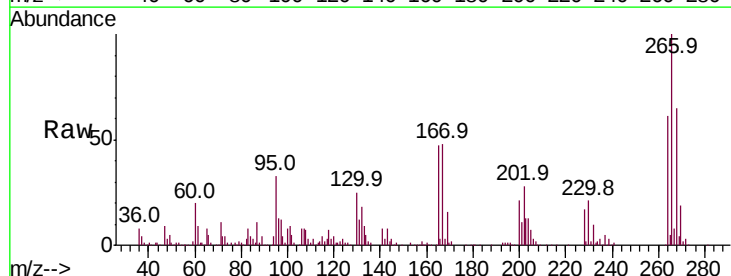
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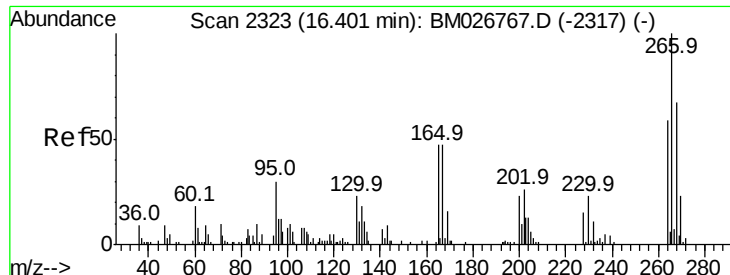
Tot Ion:165 Resp: 173819
 Ion Ratio Lower Upper
 165 100
 63 64.0 65.3 97.9#
 182 2.8 2.2 3.4



#68
 Atrazine
 Concen: 4.805 ng/ul
 RT: 16.39 min Scan# 2321
 Delta R.T. 0.16 min
 Lab File: BM026820.D
 Acq: 21 Jul 2020 22:34

Tgt Ion:200 Resp: 25147
 Ion Ratio Lower Upper
 200 100
 173 0.0 20.8 31.2#
 215 1.0 37.8 56.8#

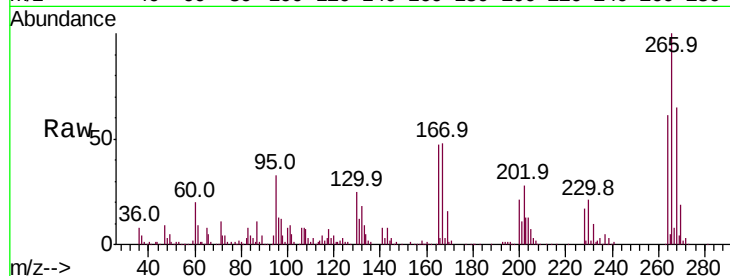




#69
 Pentachlorophenol
 Concen: 37.155 ng/ul
 RT: 16.39 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM026820.D
 Acq: 21 Jul 2020 22:34

Instrument :
 BNA_M
 ClientSampleId :
 PMW-2MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.9	74.9
268	64.8	51.4	77.0

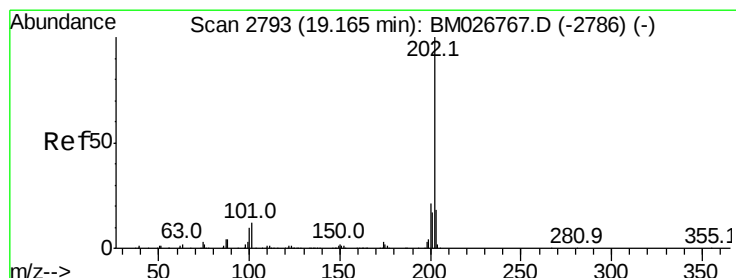
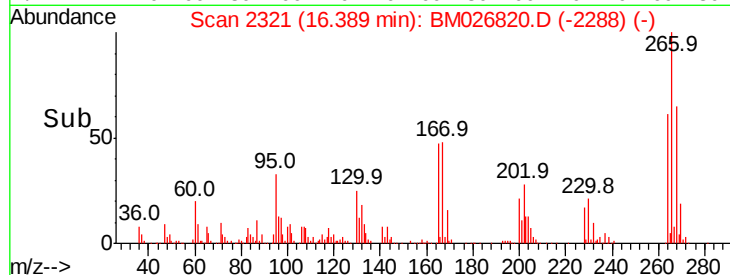
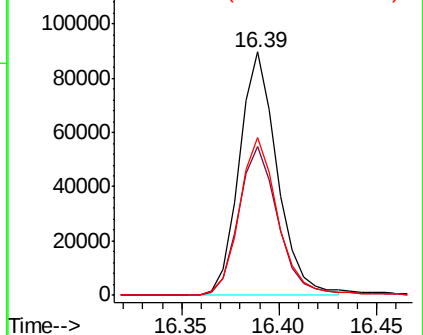


Abundance

Ion 265.70 (265.40 to 266.40): E

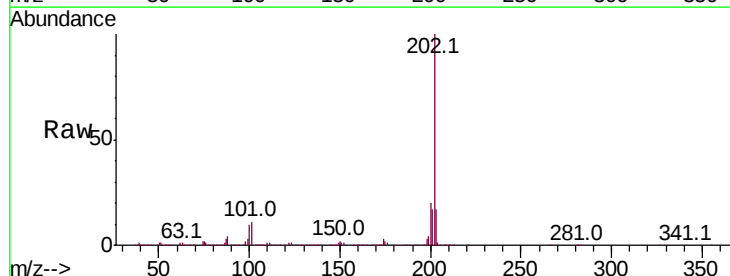
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.451 ng/ul
 RT: 19.17 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BM026820.D
 Acq: 21 Jul 2020 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.4	14.2
100	9.8	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): E

