

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
 Data File : BM028903.D
 Acq On : 25 Feb 2021 19:03
 Operator : CG/JU
 Sample : M1482-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MS

Quant Time: Feb 25 23:30:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 23:08:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	15122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	62256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	38832	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	75485	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	59420	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	53235	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1512	4.76	ng/uL	0.00
5) Phenol-d5	6.99	99	8025	6.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	21552	33.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	28089	28.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	16164	16.72	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	15943	36.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	18366	36.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	29554	31.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	1990	1.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	109424	39.09	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	128003	35.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.70	143	3083	6.36	ng/ul	0.00
58) Fluorene-d10	15.46	176	89004	37.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	16988	36.79	ng/ul	0.00
71) Anthracene-d10	17.30	188	145147	42.22	ng/ul	0.00
79) Pyrene-d10	19.59	212	145453	49.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	119776	43.65	ng/ul	0.00

Target Compounds

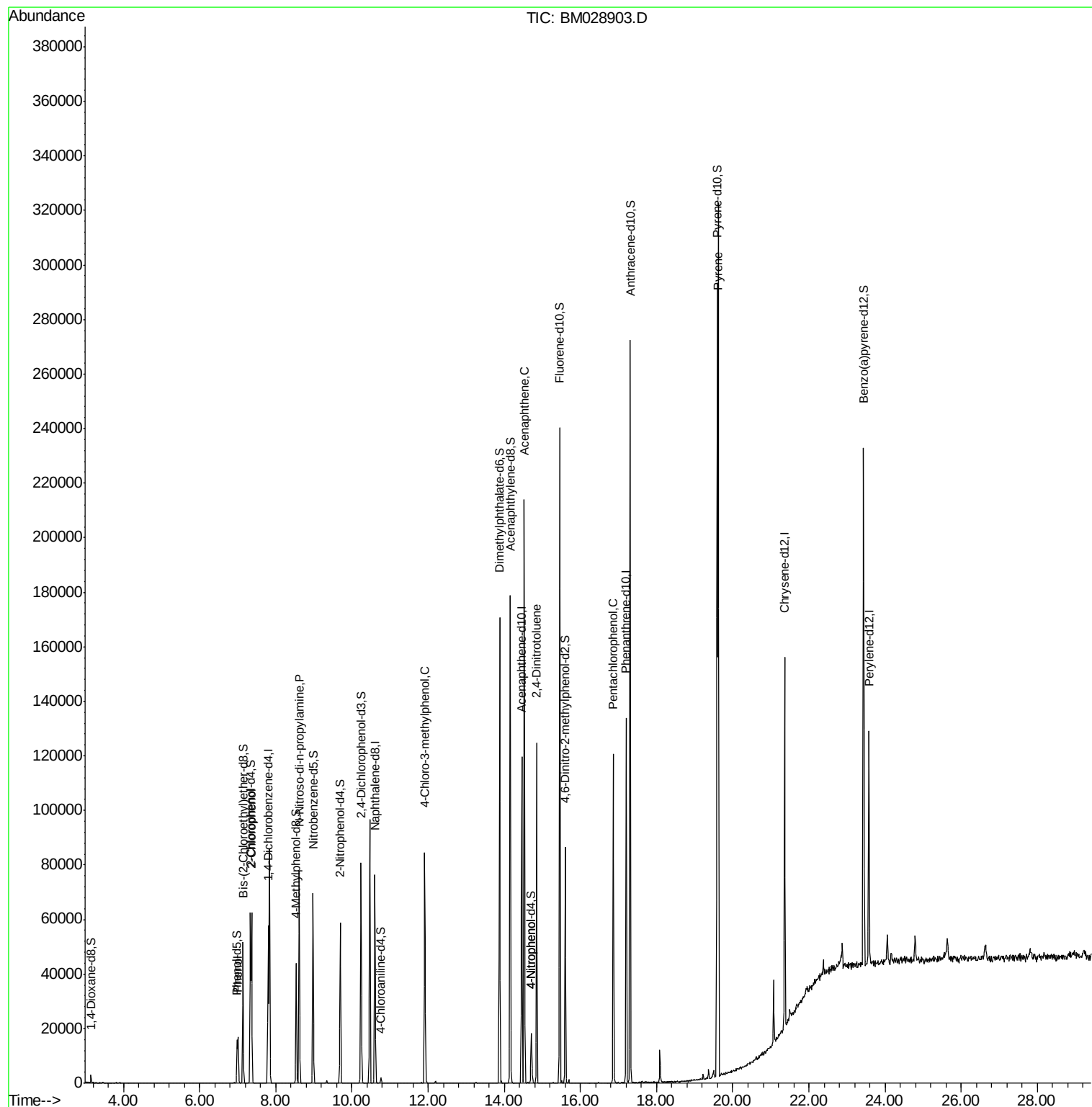
					Ovalue
6) Phenol	7.01	94	9210	7.746	ng/ul 100
10) 2-Chlorophenol	7.36	128	27210	26.514	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.62	70	24128	34.028	ng/ul 96
33) 4-Chloro-3-methylphenol	11.91	107	28427	28.841	ng/ul 98
50) Acenaphthene	14.53	153	83058	33.600	ng/ul 98
53) 4-Nitrophenol	14.72	109	3025	7.624	ng/ul 93
55) 2,4-Dinitrotoluene	14.85	165	32518	38.863	ng/ul 86
69) Pentachlorophenol	16.86	266	19092	40.090	ng/ul 97
80) Pvrene	19.62	202	182103	45.488	ng/ul 99

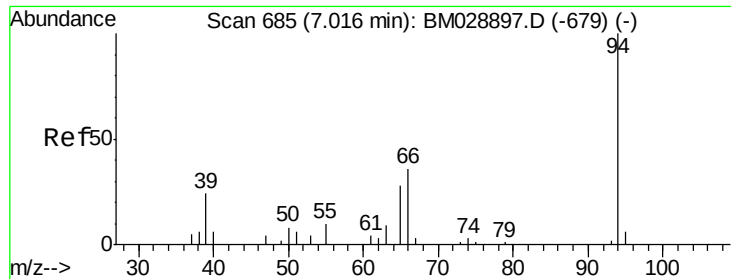
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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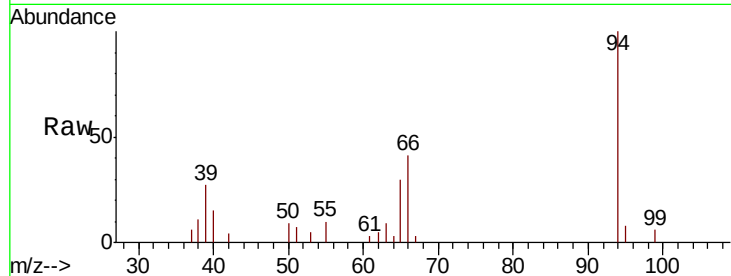
#6

Phenol

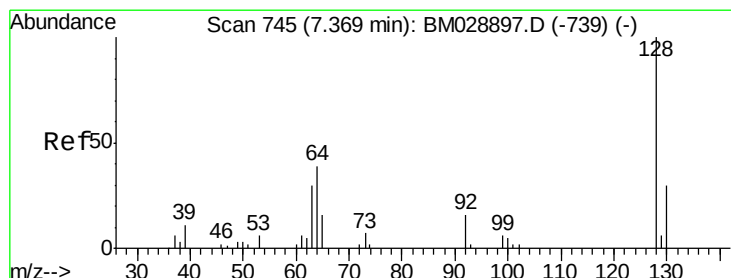
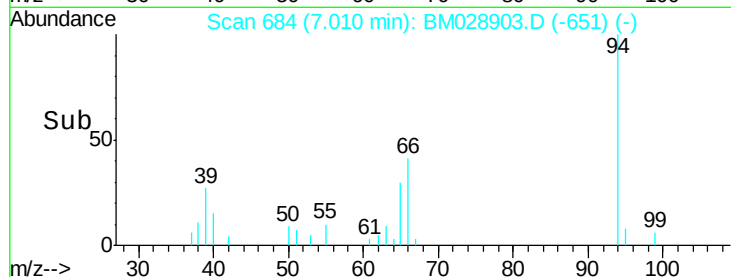
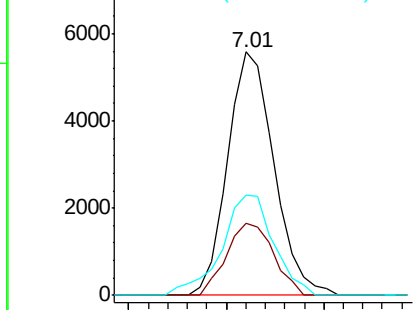
Concen: 7.746 ng/ul
 RT: 7.01 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BM028903.D
 Acq: 25 Feb 2021 19:03

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MS

Tot Ion: 94 Resp: 9210
 Ion Ratio Lower Upper
 94 100
 65 29.8 23.8 35.6
 66 41.1 32.8 49.2



Abundance Ion 94.00 (93.70 to 94.70): BM0
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 66.00 (65.70 to 66.70): BM0

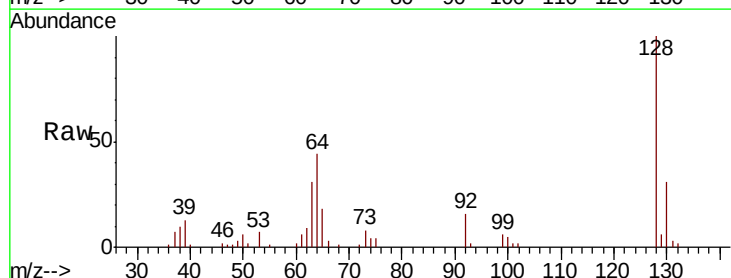


#10

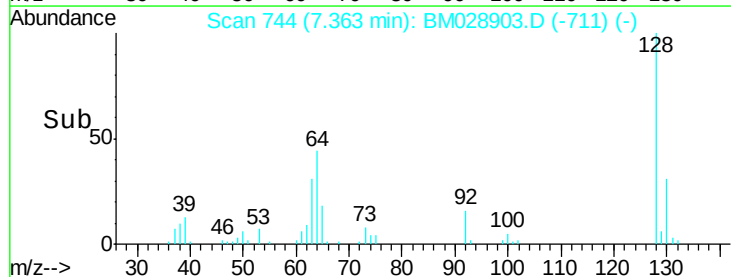
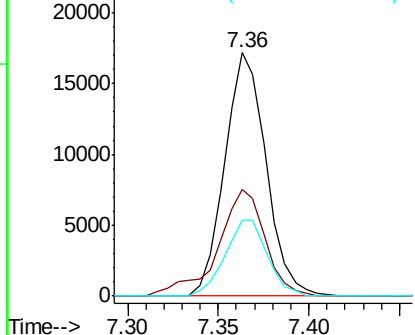
2-Chlorophenol

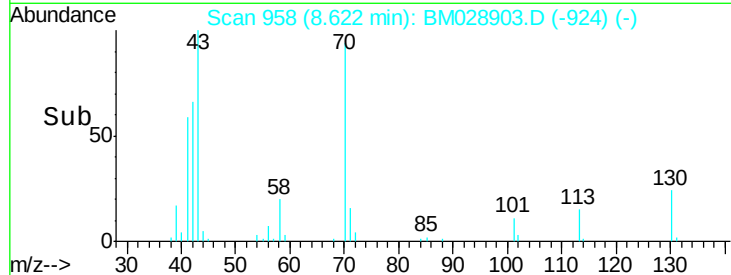
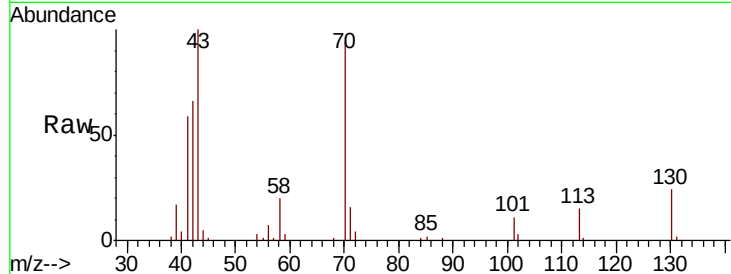
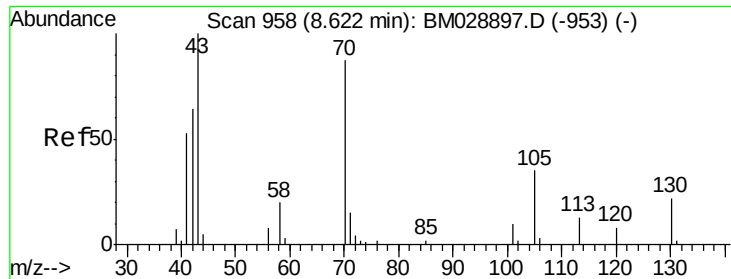
Concen: 26.514 ng/ul
 RT: 7.36 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BM028903.D
 Acq: 25 Feb 2021 19:03

Tgt Ion:128 Resp: 27210
 Ion Ratio Lower Upper
 128 100
 64 43.6 35.8 53.6
 130 31.3 24.1 36.1



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: 34.028 ng/ul

RT: 8.62 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM028903.D

Acq: 25 Feb 2021 19:03

Instrument :

BNA_M

ClientSampleId :

DBGJ6MS

Tot Ion: 70 Resp: 24128

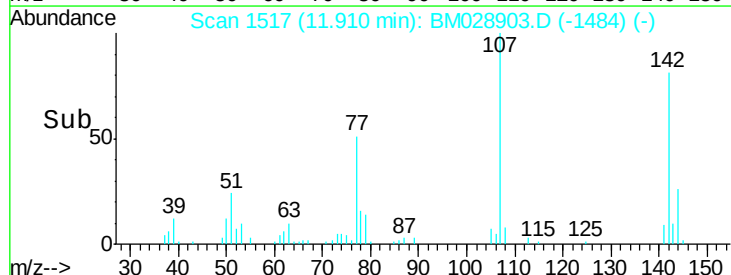
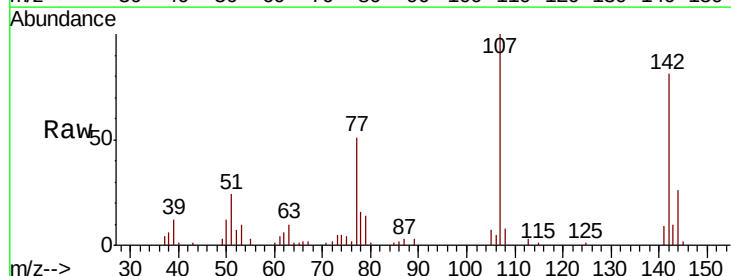
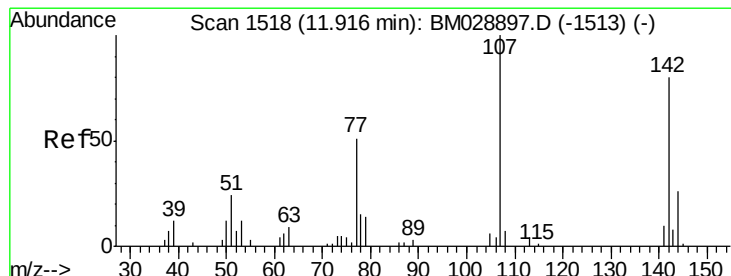
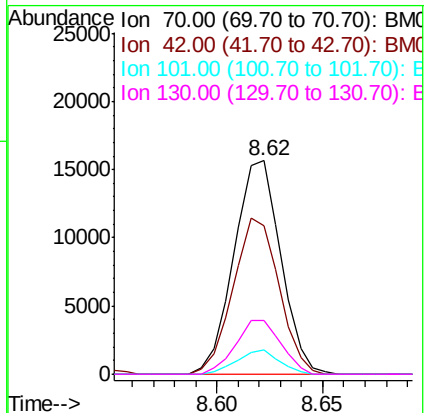
Ion Ratio Lower Upper

70 100

42 69.6 60.1 90.1

101 11.3 8.9 13.3

130 25.5 20.3 30.5



#33

4-Chloro-3-methylphenol

Concen: 28.841 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BM028903.D

Acq: 25 Feb 2021 19:03

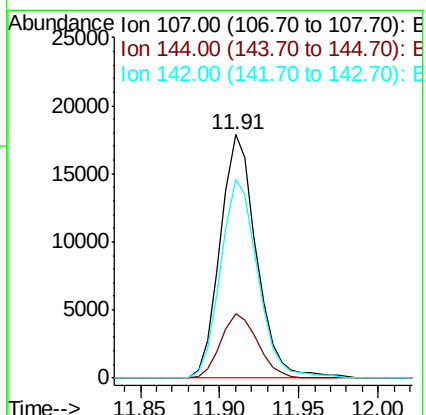
Tgt Ion: 107 Resp: 28427

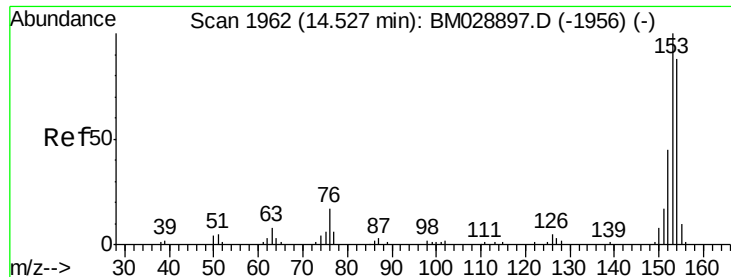
Ion Ratio Lower Upper

107 100

144 26.2 20.8 31.2

142 81.5 63.7 95.5





#50

Acenaphthene

Concen: 33.600 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BM028903.D

Acq: 25 Feb 2021 19:03

Instrument :

BNA_M

ClientSampleId :

DBGJ6MS

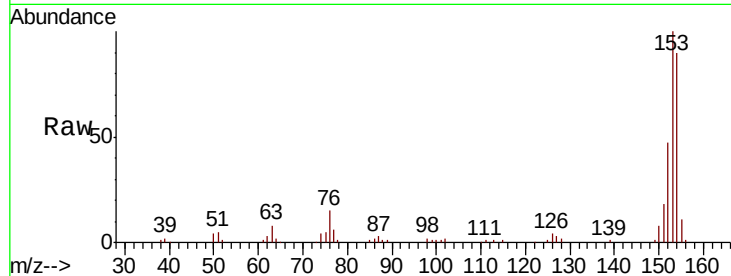
Tot Ion:153 Resp: 83058

Ion Ratio Lower Upper

153 100

152 46.5 36.0 54.0

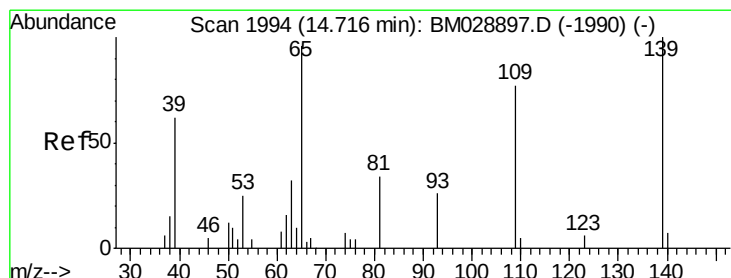
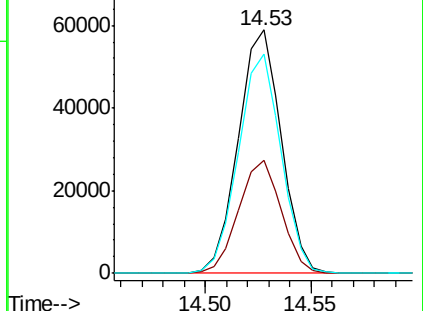
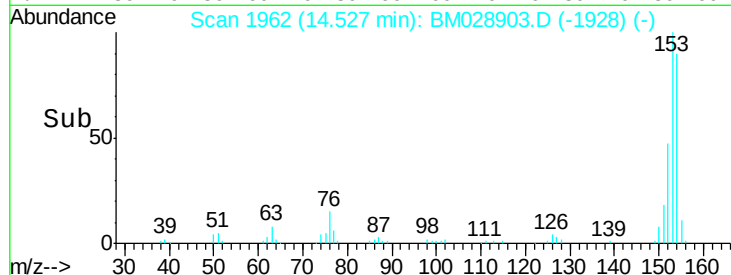
154 90.2 70.4 105.6



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: 7.624 ng/ul

RT: 14.72 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BM028903.D

Acq: 25 Feb 2021 19:03

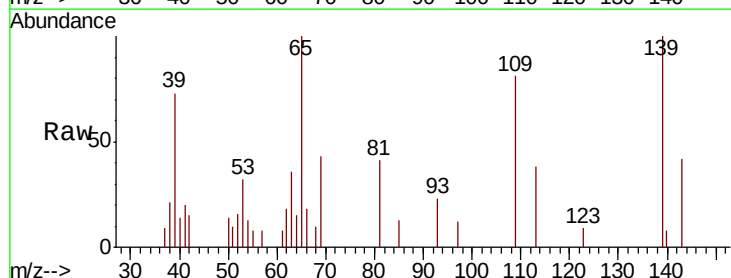
Tgt Ion:109 Resp: 3025

Ion Ratio Lower Upper

109 100

139 124.0 104.2 156.4

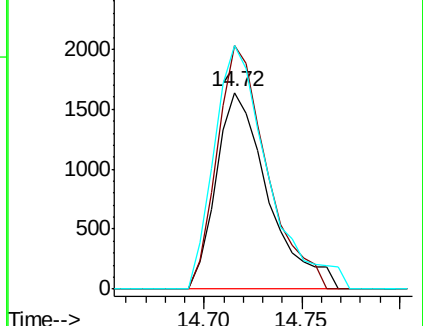
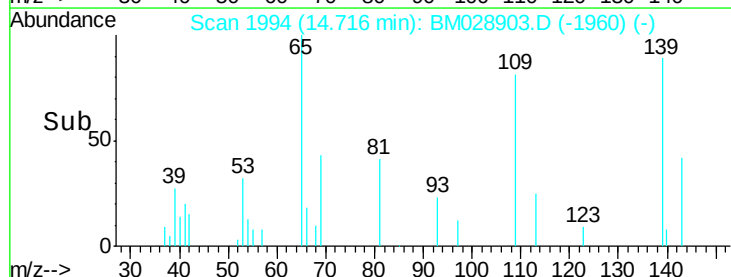
65 124.0 107.0 160.6

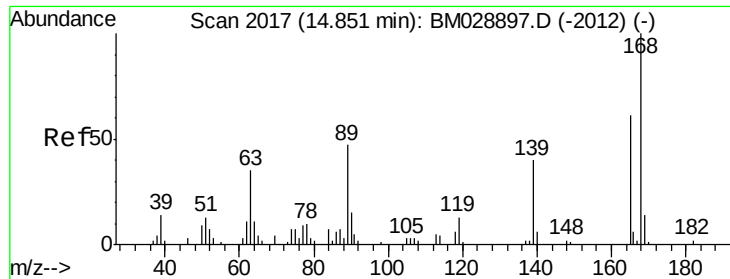


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

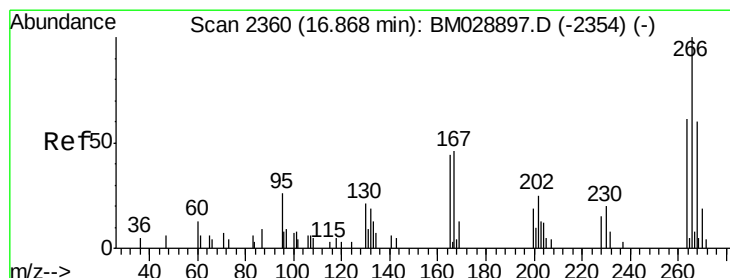
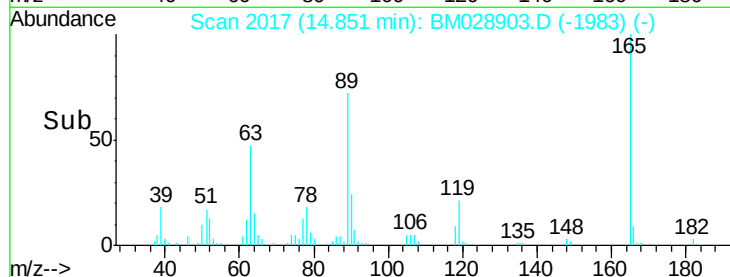
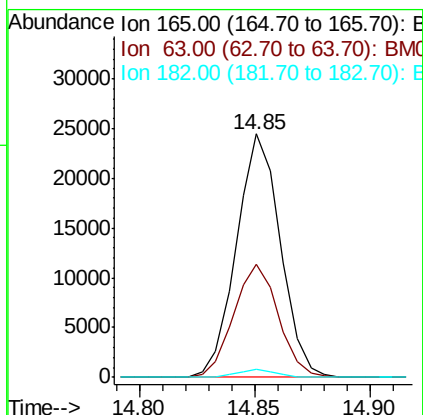
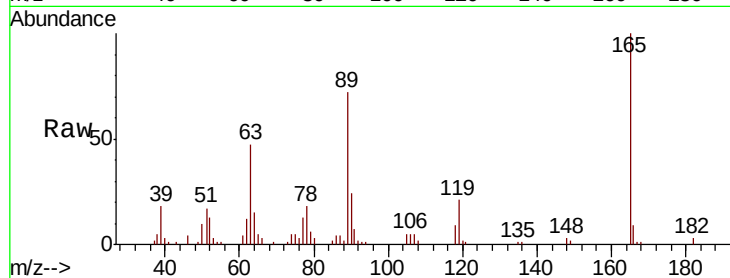




#55
 2,4-Dinitrotoluene
 Concen: 38.863 ng/ul
 RT: 14.85 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BM028903.D
 Acq: 25 Feb 2021 19:03

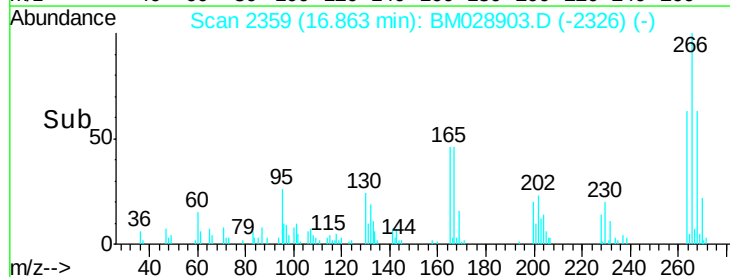
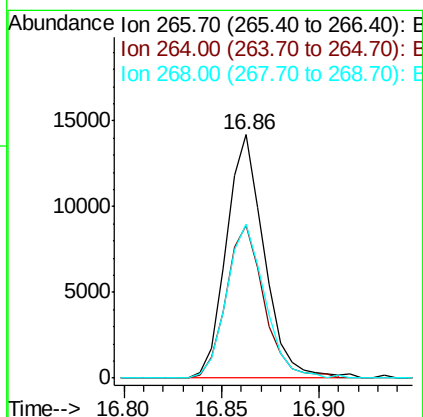
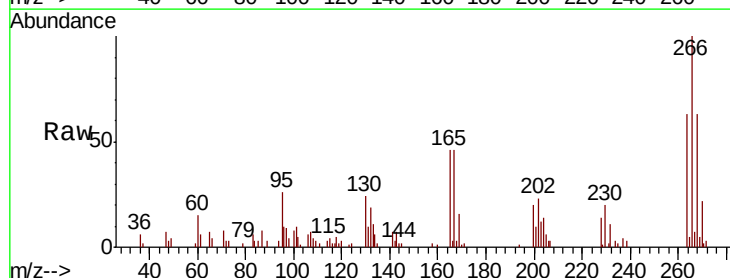
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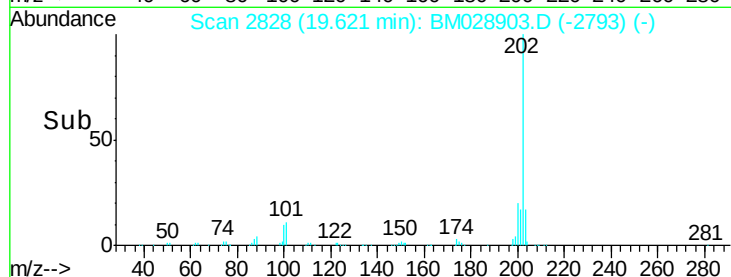
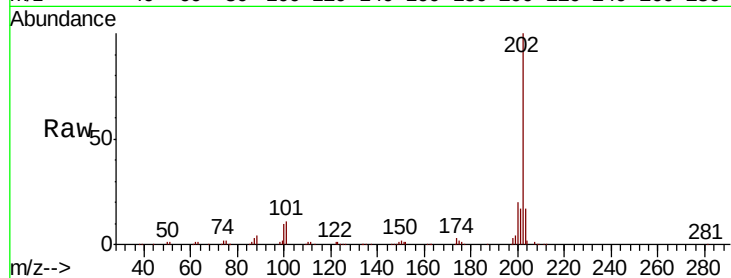
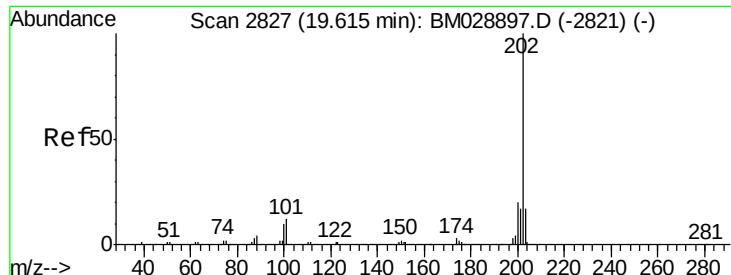
Tot Ion:165 Resp: 32518
 Ion Ratio Lower Upper
 165 100
 63 46.5 46.2 69.2
 182 3.1 2.6 3.8



#69
 Pentachlorophenol
 Concen: 40.090 ng/ul
 RT: 16.86 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BM028903.D
 Acq: 25 Feb 2021 19:03

Tgt Ion:266 Resp: 19092
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.0 73.4
 268 63.2 48.0 72.0





#80
 Pvrene
 Concen: 45.488 ng/ul
 RT: 19.62 min Scan# 2828
 Delta R.T. 0.01 min
 Lab File: BM028903.D
 Acq: 25 Feb 2021 19:03

Instrument :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.6	14.4
100	10.0	8.3	12.5

