

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028926.D
 Acq On : 26 Feb 2021 19:22
 Operator : CG/JU
 Sample : M1482-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MS

Quant Time: Feb 26 22:11:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 15:22:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	16458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	68689	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	40729	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	79212	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	66826	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	62199	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1790	4.90	ng/uL	0.00
5) Phenol-d5	6.96	99	7909	6.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	21962	32.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	27568	25.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	16010	16.73	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	16275	32.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	18599	33.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	29881	29.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	2002	1.72	ng/ul	0.01
44) Dimethylphthalate-d6	13.86	166	104656	37.38	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	123355	32.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	3095	6.35	ng/ul	0.00
58) Fluorene-d10	15.43	176	86058	35.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	16691	35.34	ng/ul	0.00
71) Anthracene-d10	17.28	188	140738	39.09	ng/ul	0.00
79) Pyrene-d10	19.57	212	142068	43.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	131026	41.47	ng/ul	0.00

Target Compounds

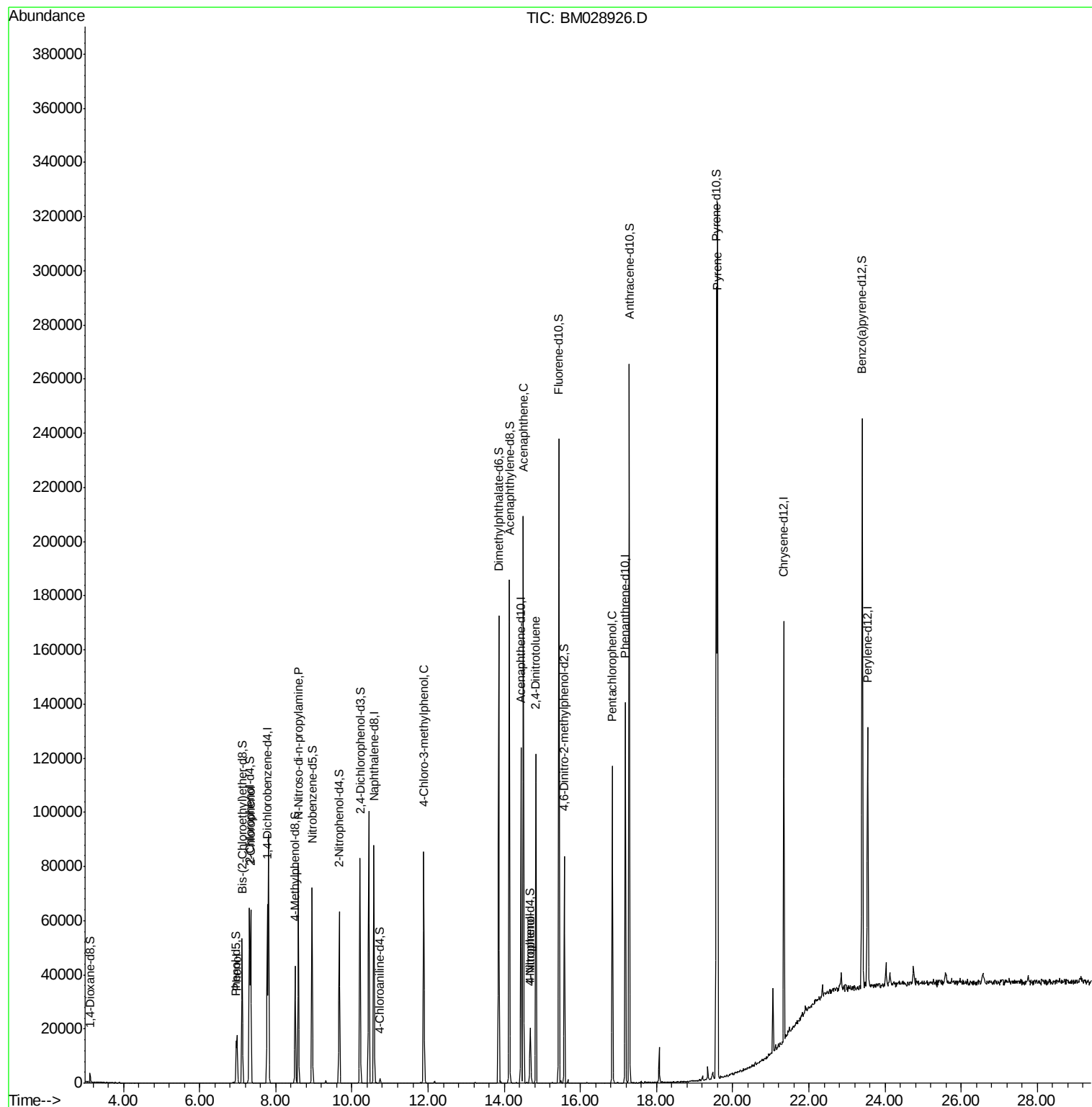
					Ovalue
6) Phenol	6.99	94	9304	7.537	ng/ul 96
10) 2-Chlorophenol	7.34	128	27352	25.166	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	24089	34.935	ng/ul 98
33) 4-Chloro-3-methylphenol	11.89	107	28137	27.291	ng/ul 100
50) Acenaphthene	14.50	153	80604	31.240	ng/ul 97
53) 4-Nitrophenol	14.69	109	3224	7.456	ng/ul 89
55) 2,4-Dinitrotoluene	14.83	165	31775	38.050	ng/ul# 81
69) Pentachlorophenol	16.84	266	18706	38.474	ng/ul 96
80) Pvrene	19.60	202	179238	40.944	ng/ul 98

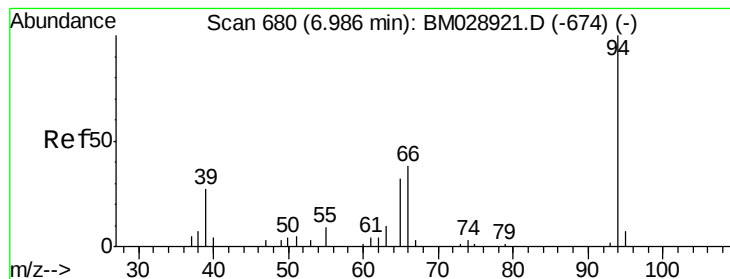
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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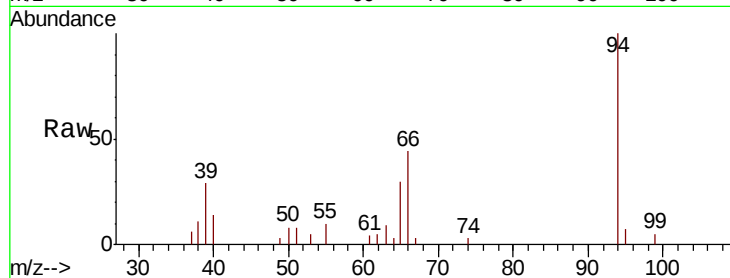
#6

Phenol

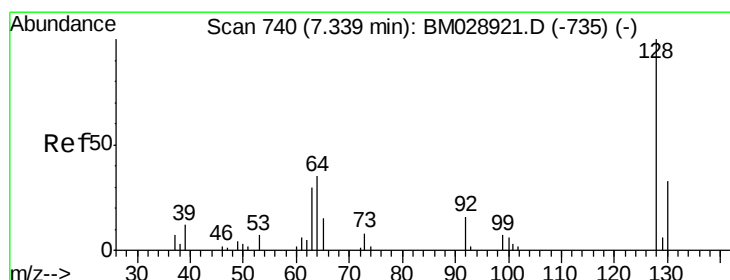
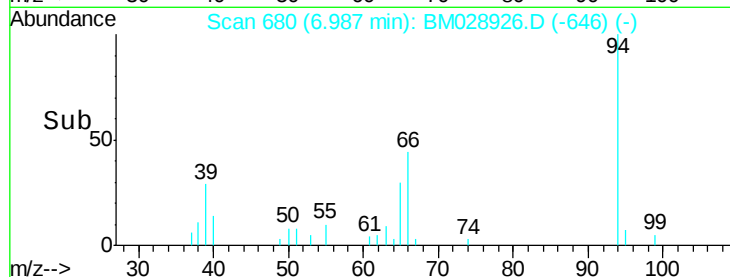
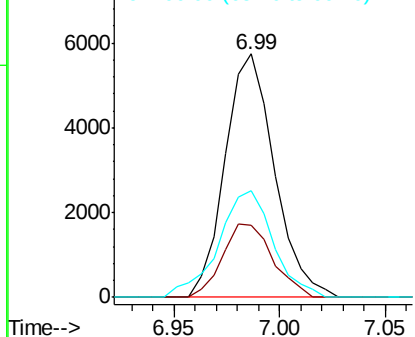
Concen: 7.537 ng/ul
 RT: 6.99 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BM028926.D
 Acq: 26 Feb 2021 19:22

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MS

Tot Ion: 94 Resp: 9304
 Ion Ratio Lower Upper
 94 100
 65 29.5 27.1 40.7
 66 43.8 34.6 51.8



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

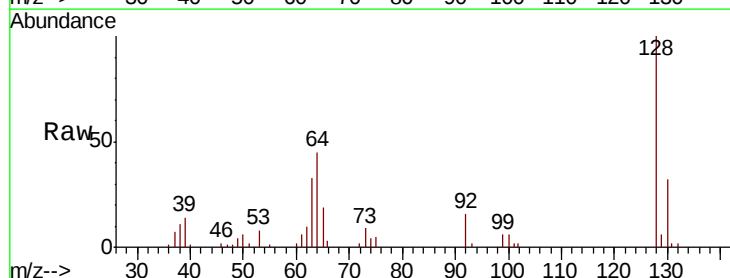


#10

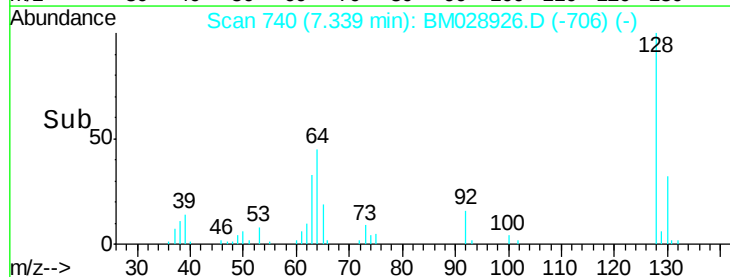
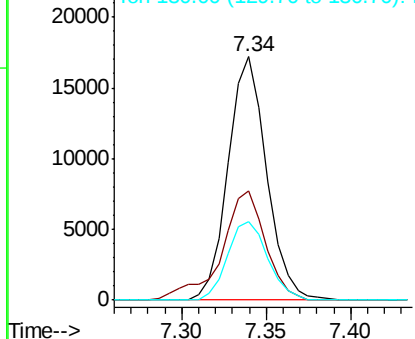
2-Chlorophenol

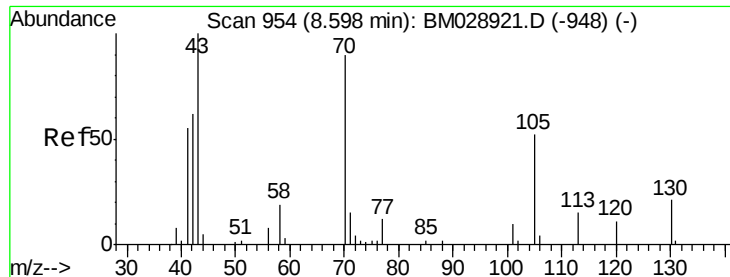
Concen: 25.166 ng/ul
 RT: 7.34 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BM028926.D
 Acq: 26 Feb 2021 19:22

Tgt Ion: 128 Resp: 27352
 Ion Ratio Lower Upper
 128 100
 64 44.7 35.4 53.0
 130 32.2 26.3 39.5



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: 34.935 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM028926.D

Acq: 26 Feb 2021 19:22

Instrument :

BNA_M

ClientSampleId :

DBGJ6MS

Tot Ion: 70 Resp: 24089

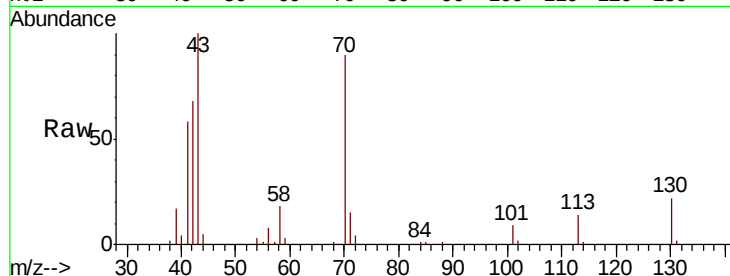
Ion Ratio Lower Upper

70 100

42 75.2 59.2 88.8

101 10.1 8.6 13.0

130 24.3 20.2 30.4

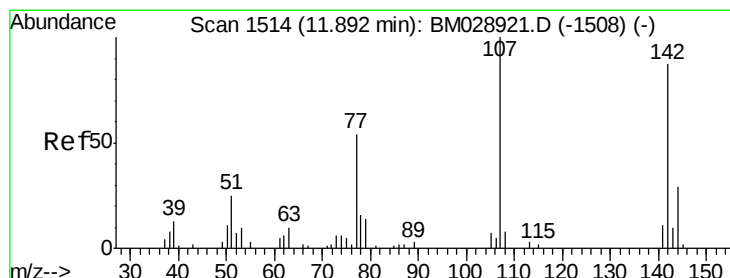
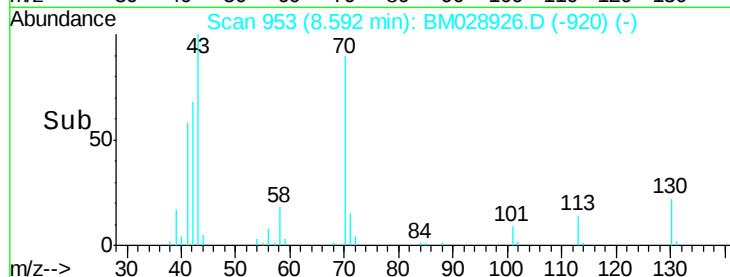
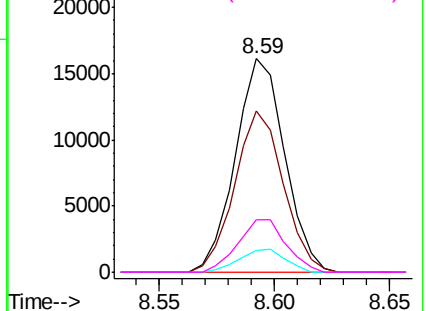


Abundance Ion 70.00 (69.70 to 70.70): BM028921.D (-948) (-)

Ion 42.00 (41.70 to 42.70): BM028921.D (-948) (-)

Ion 101.00 (100.70 to 101.70): BM028921.D (-948) (-)

Ion 130.00 (129.70 to 130.70): BM028921.D (-948) (-)



#33

4-Chloro-3-methylphenol

Concen: 27.291 ng/ul

RT: 11.89 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BM028926.D

Acq: 26 Feb 2021 19:22

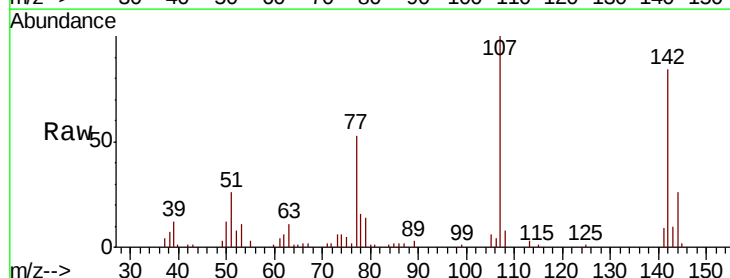
Tgt Ion: 107 Resp: 28137

Ion Ratio Lower Upper

107 100

144 26.1 21.4 32.2

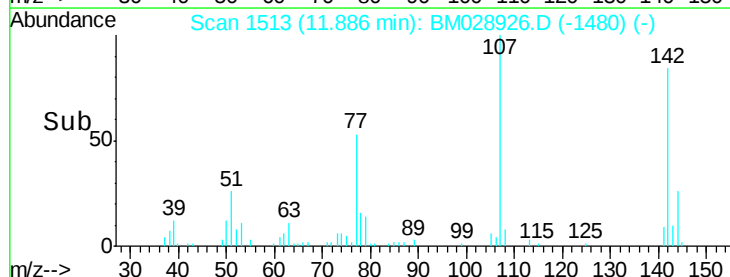
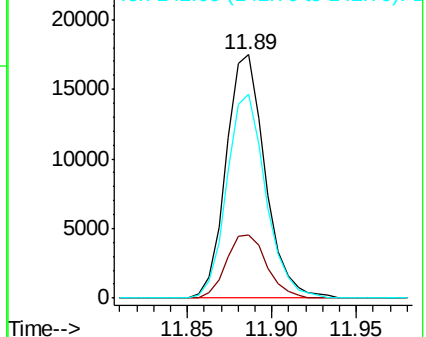
142 83.7 67.0 100.4

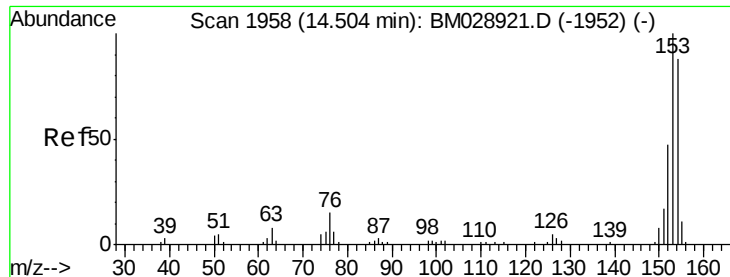


Abundance Ion 107.00 (106.70 to 107.70): BM028921.D (-1508) (-)

Ion 144.00 (143.70 to 144.70): BM028921.D (-1508) (-)

Ion 142.00 (141.70 to 142.70): BM028921.D (-1508) (-)





#50

Acenaphthene

Concen: 31.240 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM028926.D

Acq: 26 Feb 2021 19:22

Instrument :

BNA_M

ClientSampleId :

DBGJ6MS

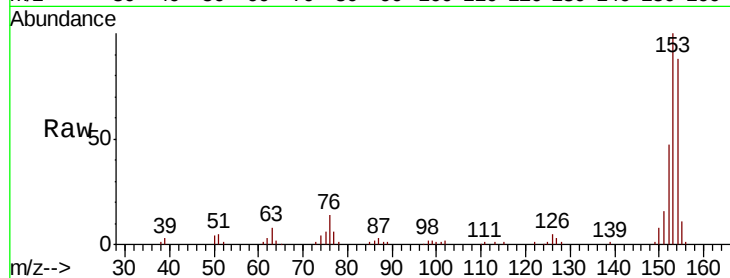
Tot Ion:153 Resp: 80604

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

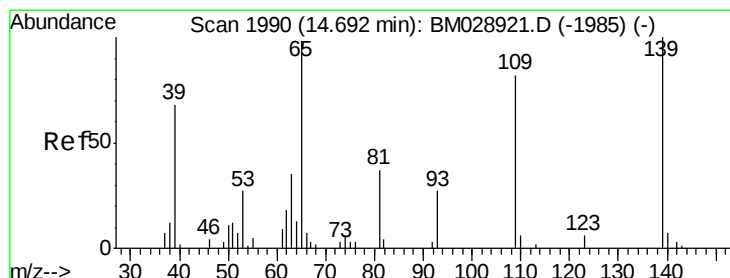
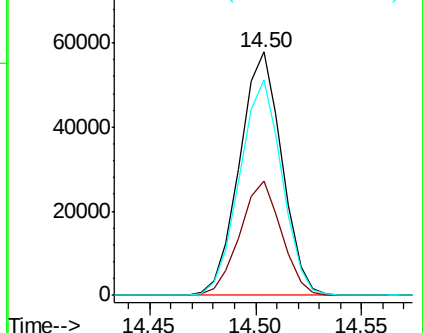
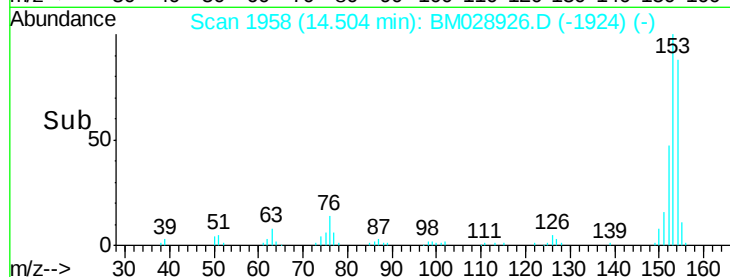
154 88.3 73.6 110.4



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: 7.456 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM028926.D

Acq: 26 Feb 2021 19:22

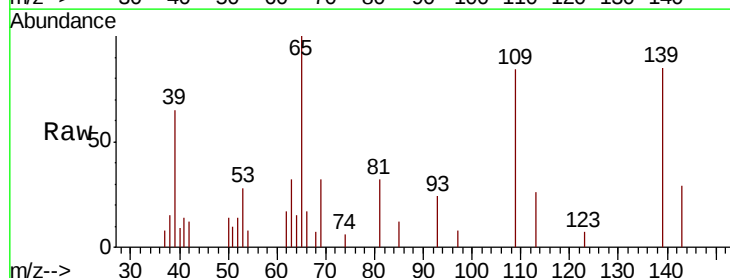
Tgt Ion:109 Resp: 3224

Ion Ratio Lower Upper

109 100

139 100.7 95.7 143.5

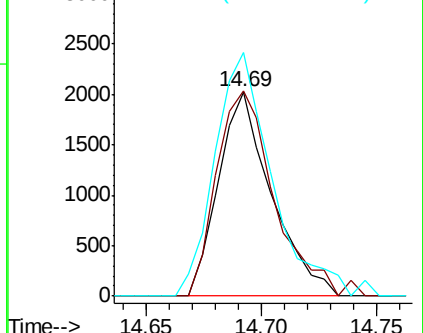
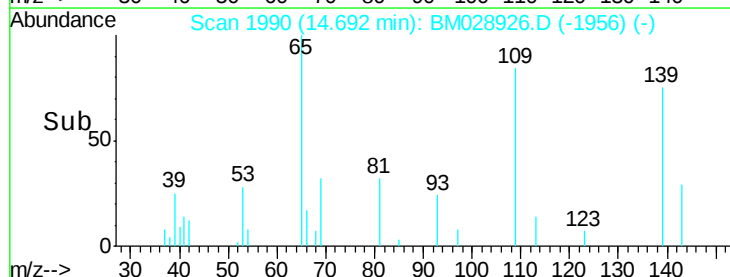
65 119.1 100.1 150.1

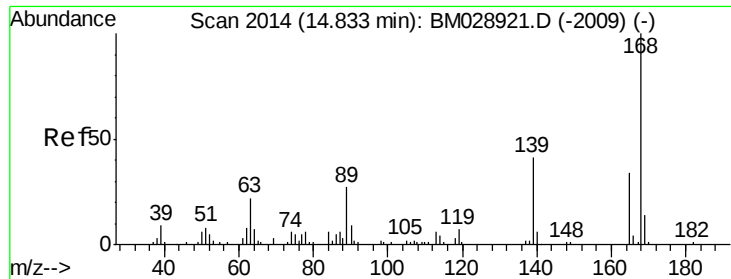


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

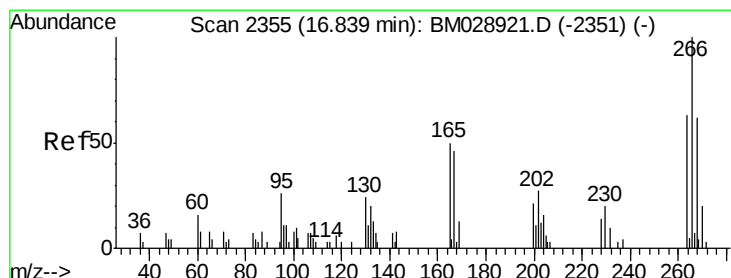
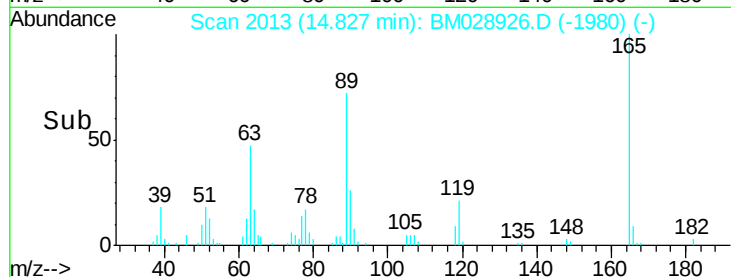
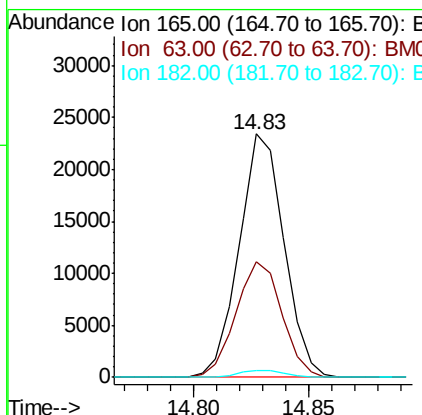
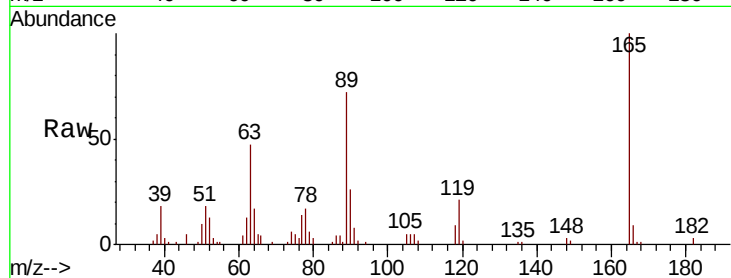




#55
 2,4-Dinitrotoluene
 Concen: 38.050 ng/ul
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM028926.D
 Acq: 26 Feb 2021 19:22

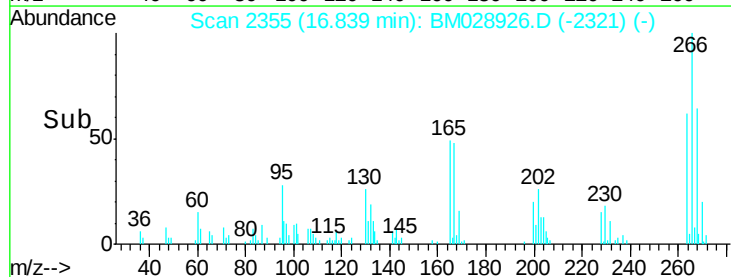
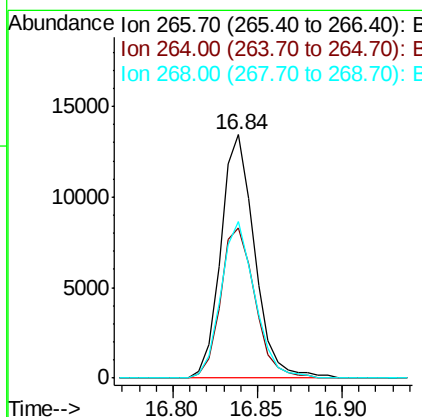
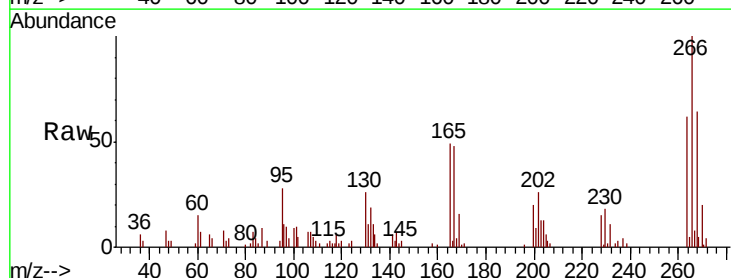
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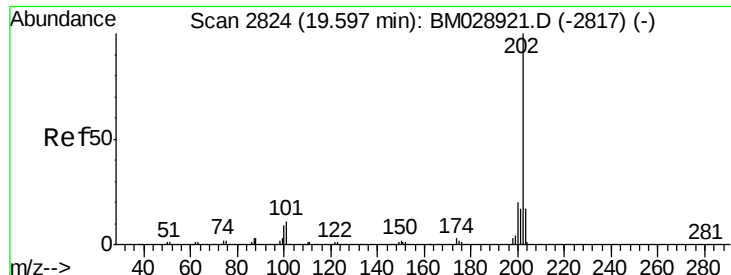
Tot Ion:165 Resp: 31775
 Ion Ratio Lower Upper
 165 100
 63 47.4 50.6 76.0#
 182 2.8 2.8 4.2#



#69
 Pentachlorophenol
 Concen: 38.474 ng/ul
 RT: 16.84 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BM028926.D
 Acq: 26 Feb 2021 19:22

Tgt Ion:266 Resp: 18706
 Ion Ratio Lower Upper
 266 100
 264 61.9 51.0 76.6
 268 69.1 51.4 77.2





#80
 Pvrene
 Concen: 40.944 ng/ul
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.00 min
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 Acq: 26 Feb 2021 19:22

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.5	14.3
100	10.0	7.4	11.0

