

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028927.D
 Acq On : 26 Feb 2021 19:59
 Operator : CG/JU
 Sample : M1482-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MSD

Quant Time: Feb 26 22:14:31 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	16723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	66526	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	37478	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	74104	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	68911	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	70394	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1805	4.86	ng/uL	0.00
5) Phenol-d5	6.96	99	7550	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	20085	29.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	25502	23.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	14668	15.09	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	14430	30.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	16179	30.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	26767	26.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	1779	1.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	85739	33.28	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	104587	30.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	2835	6.32	ng/ul	0.00
58) Fluorene-d10	15.43	176	72075	32.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	14522	32.86	ng/ul	0.00
71) Anthracene-d10	17.28	188	121579	36.09	ng/ul	0.00
79) Pyrene-d10	19.57	212	131305	38.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	135836	37.99	ng/ul	0.00

Target Compounds

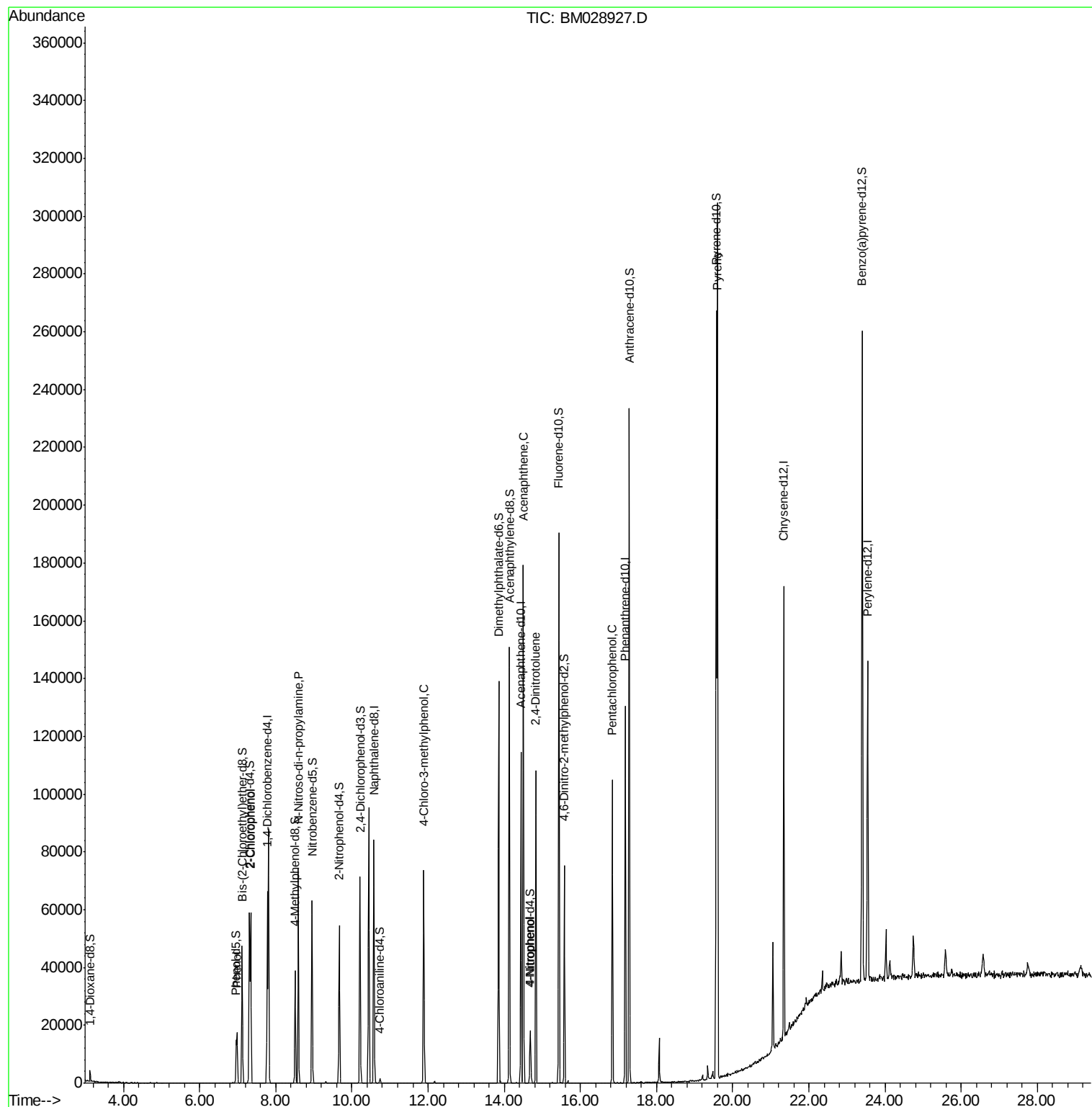
					Ovalue
6) Phenol	6.99	94	9051	7.216	ng/ul 98
10) 2-Chlorophenol	7.34	128	25901	23.454	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	21302	30.403	ng/ul 99
33) 4-Chloro-3-methylphenol	11.89	107	25354	25.391	ng/ul 99
50) Acenaphthene	14.50	153	70178	29.558	ng/ul 99
53) 4-Nitrophenol	14.69	109	2999	7.537	ng/ul 92
55) 2,4-Dinitrotoluene	14.83	165	27915	36.328	ng/ul# 82
69) Pentachlorophenol	16.84	266	16764	36.856	ng/ul 99
80) Pvrene	19.60	202	168877	37.410	ng/ul 99

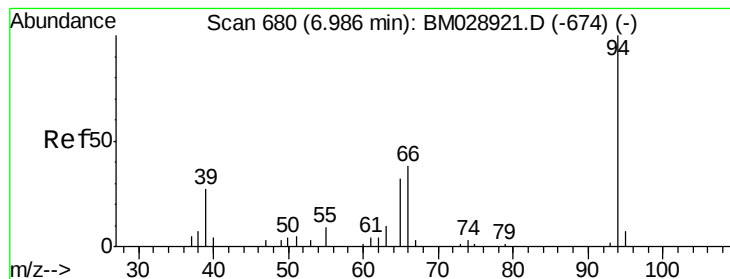
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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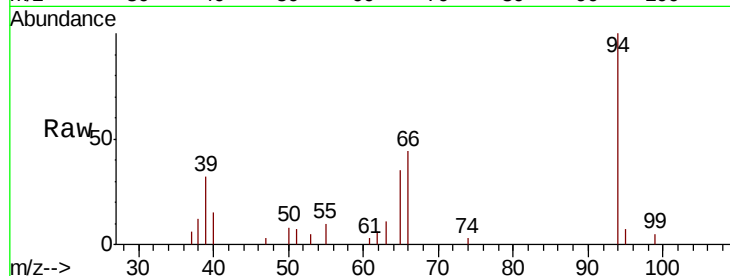
#6

Phenol

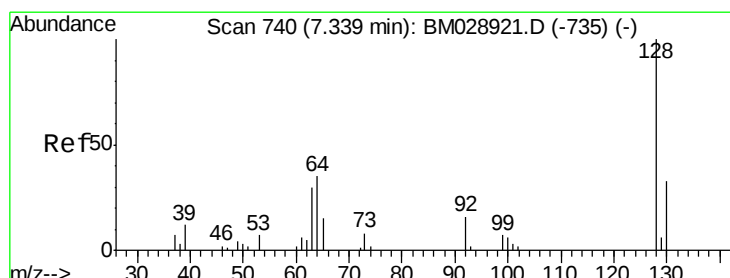
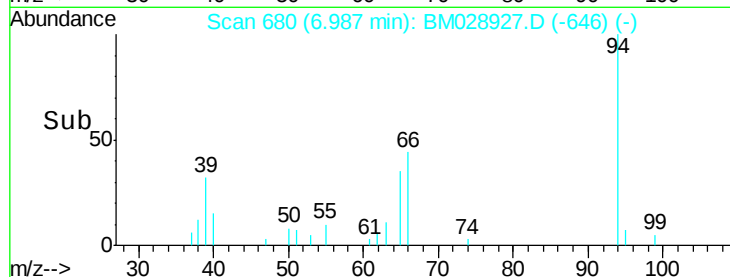
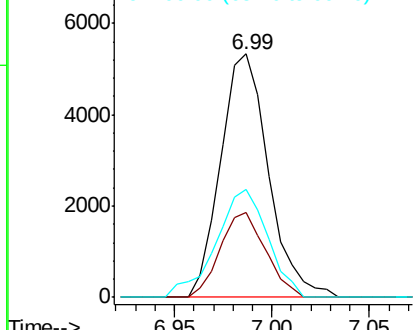
Concen: 7.216 ng/ul
 RT: 6.99 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BM028927.D
 Acq: 26 Feb 2021 19:59

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MSD

Tot Ion: 94 Resp: 9051
 Ion Ratio Lower Upper
 94 100
 65 35.1 27.1 40.7
 66 44.1 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

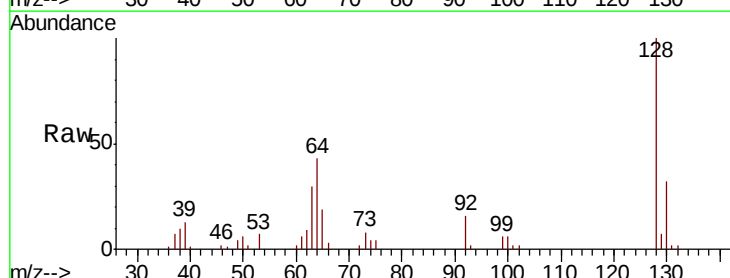


#10

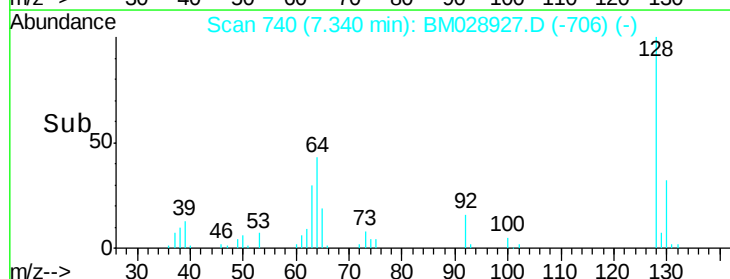
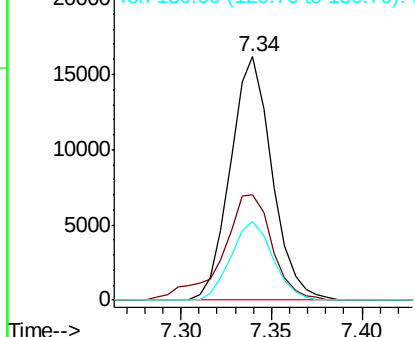
2-Chlorophenol

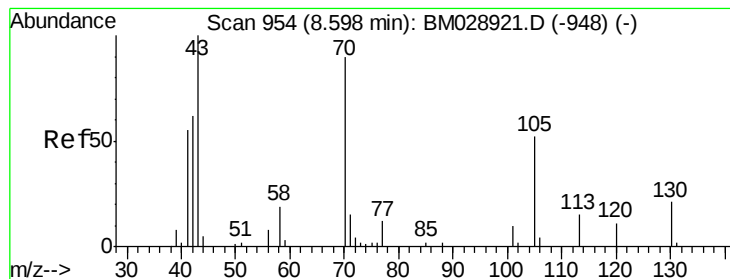
Concen: 23.454 ng/ul
 RT: 7.34 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM028927.D
 Acq: 26 Feb 2021 19:59

Tgt Ion: 128 Resp: 25901
 Ion Ratio Lower Upper
 128 100
 64 43.2 35.4 53.0
 130 32.3 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: 30.403 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM028927.D

Acq: 26 Feb 2021 19:59

Instrument :

BNA_M

ClientSampleId :

DBGJ6MSD

Tot Ion: 70 Resp: 21302

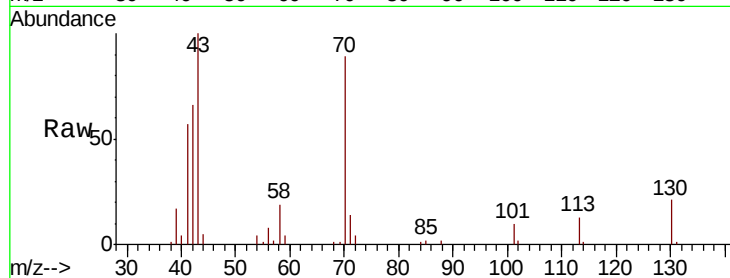
Ion Ratio Lower Upper

70 100

42 74.3 59.2 88.8

101 10.8 8.6 13.0

130 24.1 20.2 30.4

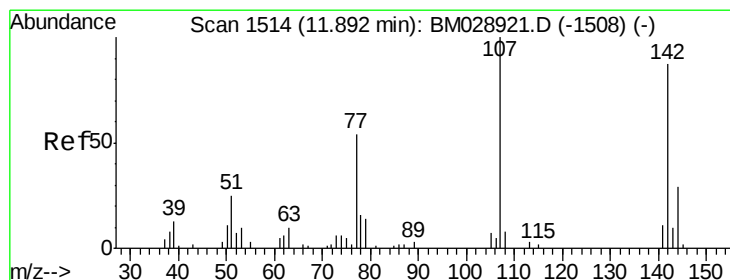
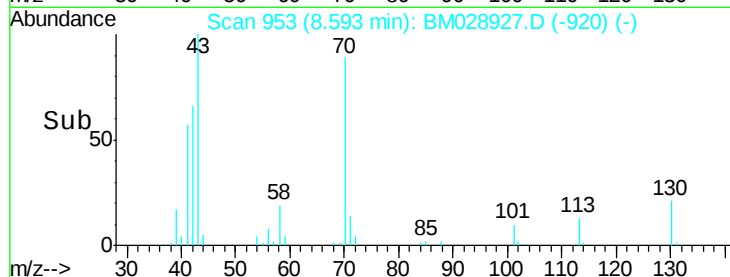
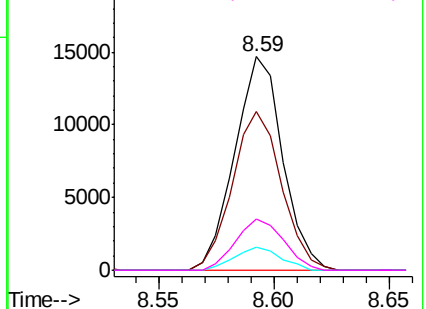


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 25.391 ng/ul

RT: 11.89 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BM028927.D

Acq: 26 Feb 2021 19:59

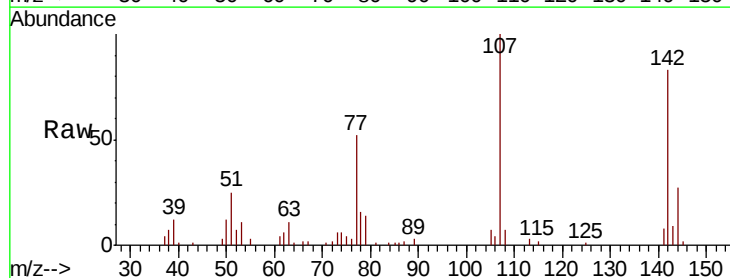
Tgt Ion: 107 Resp: 25354

Ion Ratio Lower Upper

107 100

144 26.8 21.4 32.2

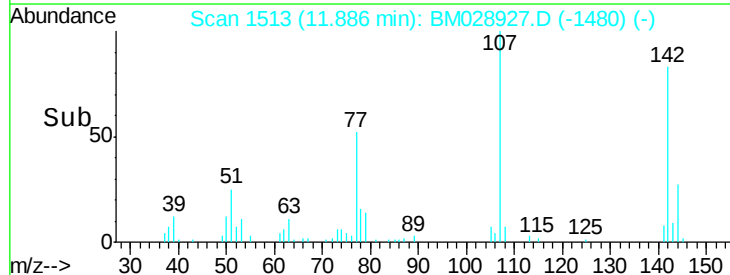
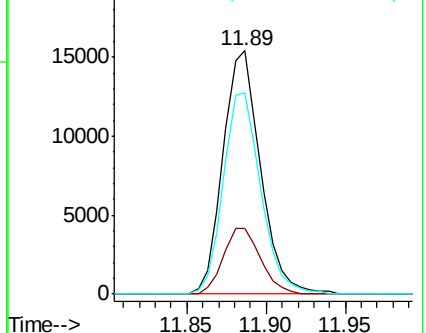
142 82.8 67.0 100.4

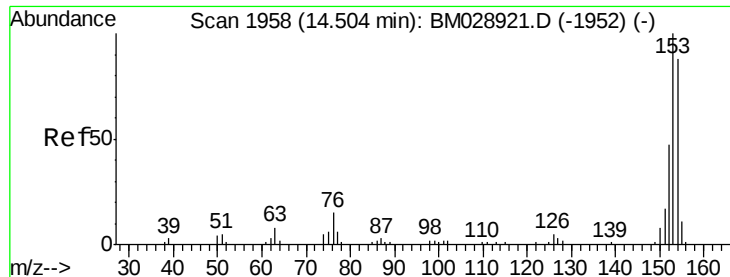


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#50

Acenaphthene

Concen: 29.558 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM028927.D

Acq: 26 Feb 2021 19:59

Instrument :

BNA_M

ClientSampleId :

DBGJ6MSD

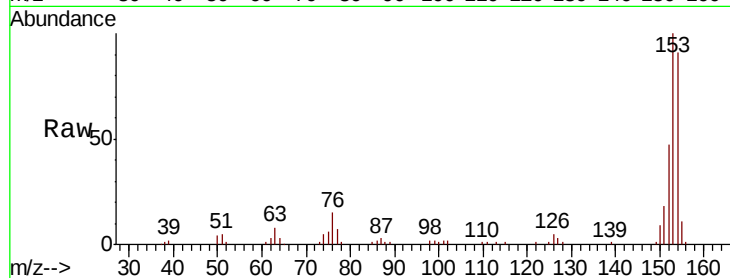
Tot Ion:153 Resp: 70178

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

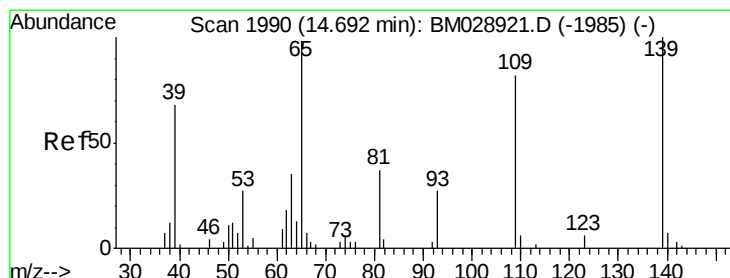
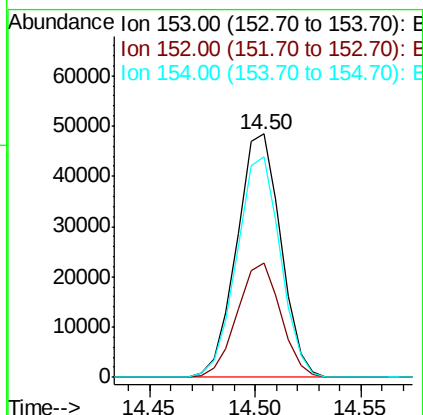
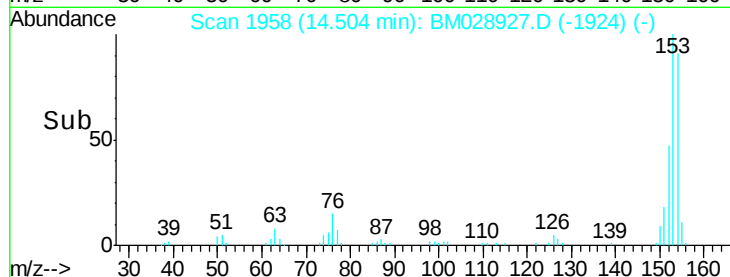
154 90.8 73.6 110.4



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: 7.537 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM028927.D

Acq: 26 Feb 2021 19:59

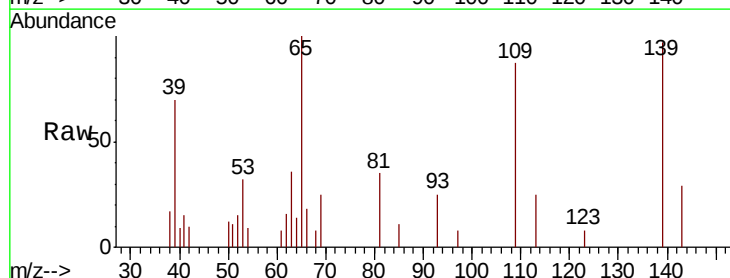
Tgt Ion:109 Resp: 2999

Ion Ratio Lower Upper

109 100

139 111.7 95.7 143.5

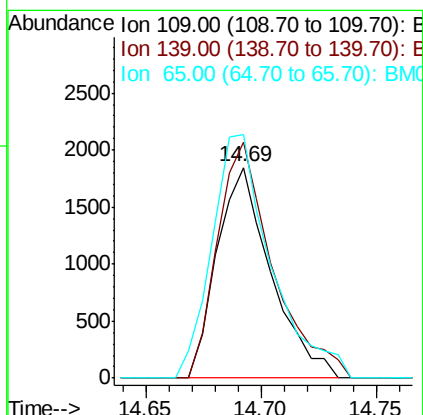
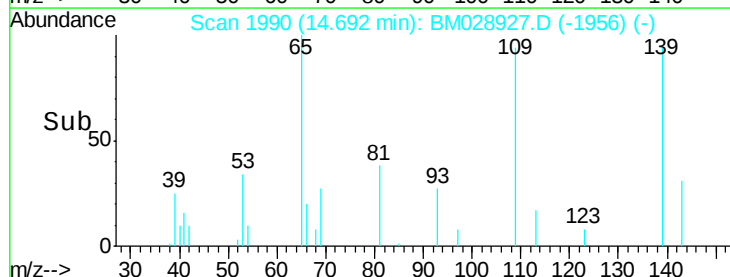
65 115.6 100.1 150.1

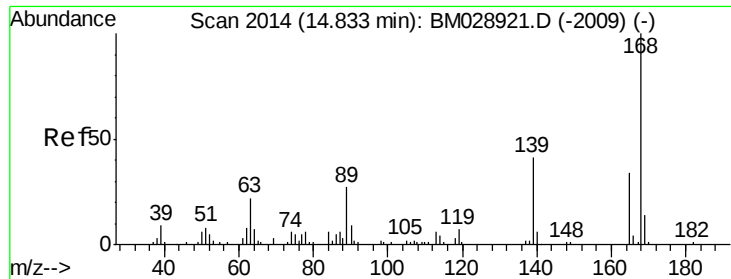


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

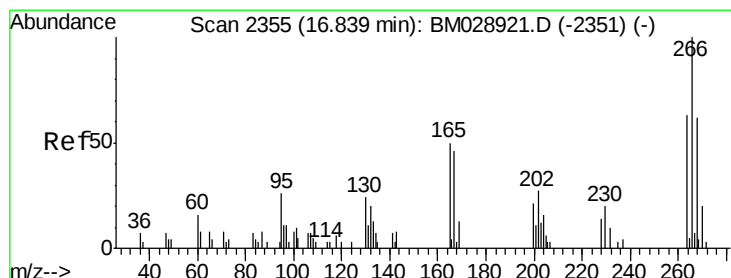
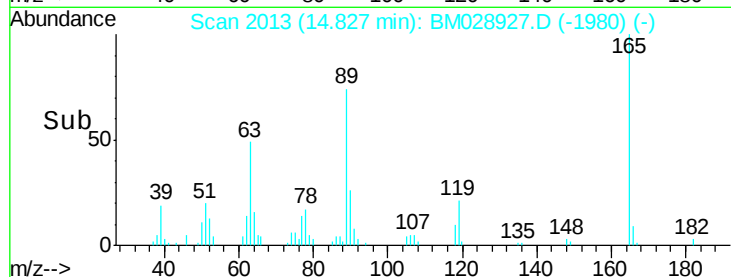
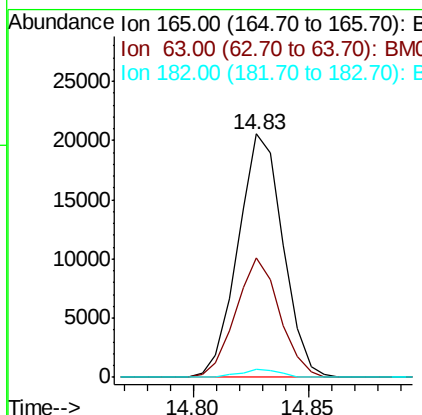
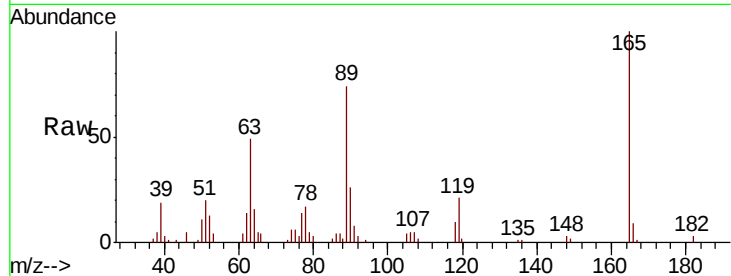




#55
 2,4-Dinitrotoluene
 Concen: 36.328 ng/ul
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM028927.D
 Acq: 26 Feb 2021 19:59

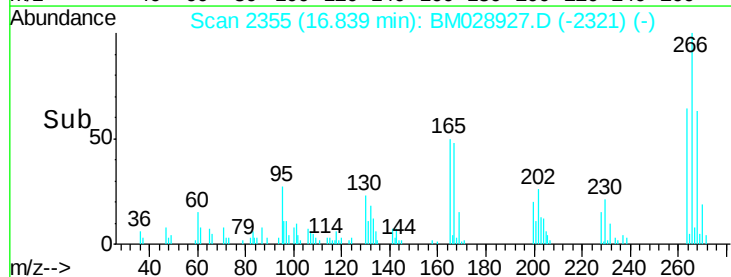
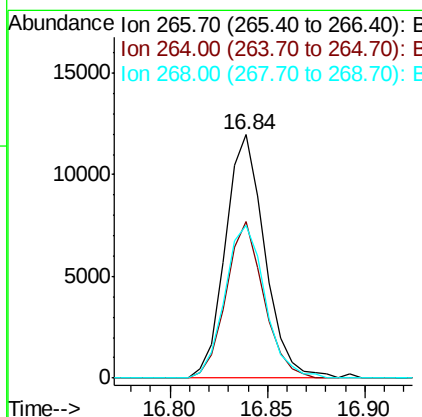
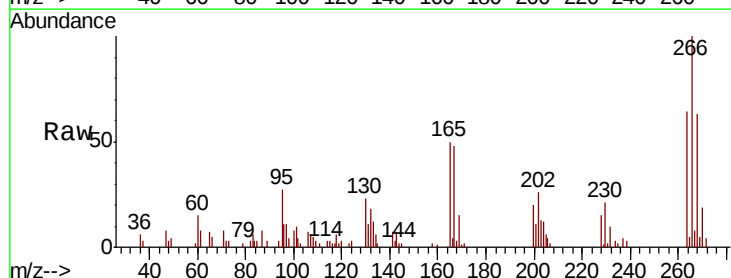
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 BNA_M
 ClientSampled :
 DBGJ6MSD

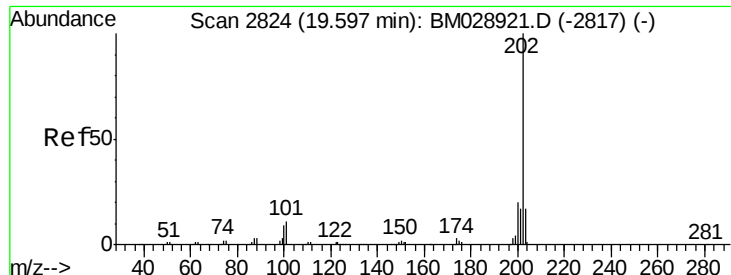
Tot Ion:165 Resp: 27915
 Ion Ratio Lower Upper
 165 100
 63 48.8 50.6 76.0#
 182 3.1 2.8 4.2



#69
 Pentachlorophenol
 Concen: 36.856 ng/ul
 RT: 16.84 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BM028927.D
 Acq: 26 Feb 2021 19:59

Tgt Ion:266 Resp: 16764
 Ion Ratio Lower Upper
 266 100
 264 64.3 51.0 76.6
 268 63.0 51.4 77.2

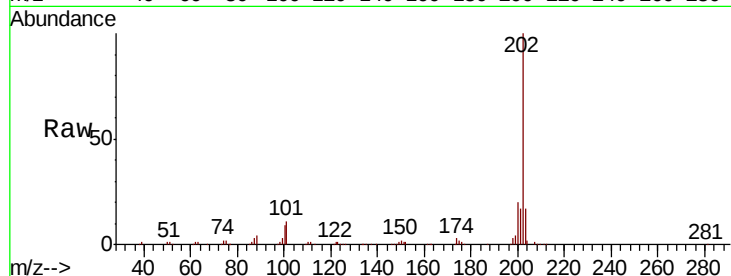




#80
 Pvrene
 Concen: 37.410 ng/ul
 RT: 19.60 min Scan# 2824
 Delta R.T. 0.00 min
 Lab File: BM028927.D
 Acq: 26 Feb 2021 19:59

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MSD

Tot Ion:	202	Resp:	168877
Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.5	14.3
100	9.2	7.4	11.0



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

