

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
 Data File : BN002099.D
 Acq On : 20 Jul 2018 14:51
 Operator : JU/SJ
 Sample : J4039-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1R2MSD

Quant Time: Jul 20 23:56:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 20 23:55:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	262771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1214143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	738943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1660238	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1636438	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1421916	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	36433	6.26	ng/uL	0.00
5) Phenol-d5	6.88	99	195017	7.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	583770	38.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	616639	31.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	384590	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	414179	41.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	472080	41.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	752511	36.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	5028	0.21	ng/ul	0.02
43) Dimethylphthalate-d6	13.75	166	2671834	42.65	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2900089	37.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	99327	8.30	ng/ul	0.00
57) Fluorene-d10	15.33	176	2271560	42.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	454130	42.00	ng/ul	0.00
70) Anthracene-d10	17.18	188	3431732	42.39	ng/ul	0.00
78) Pyrene-d10	19.48	212	3782343	44.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	3348416	43.61	ng/ul	0.00

Target Compounds

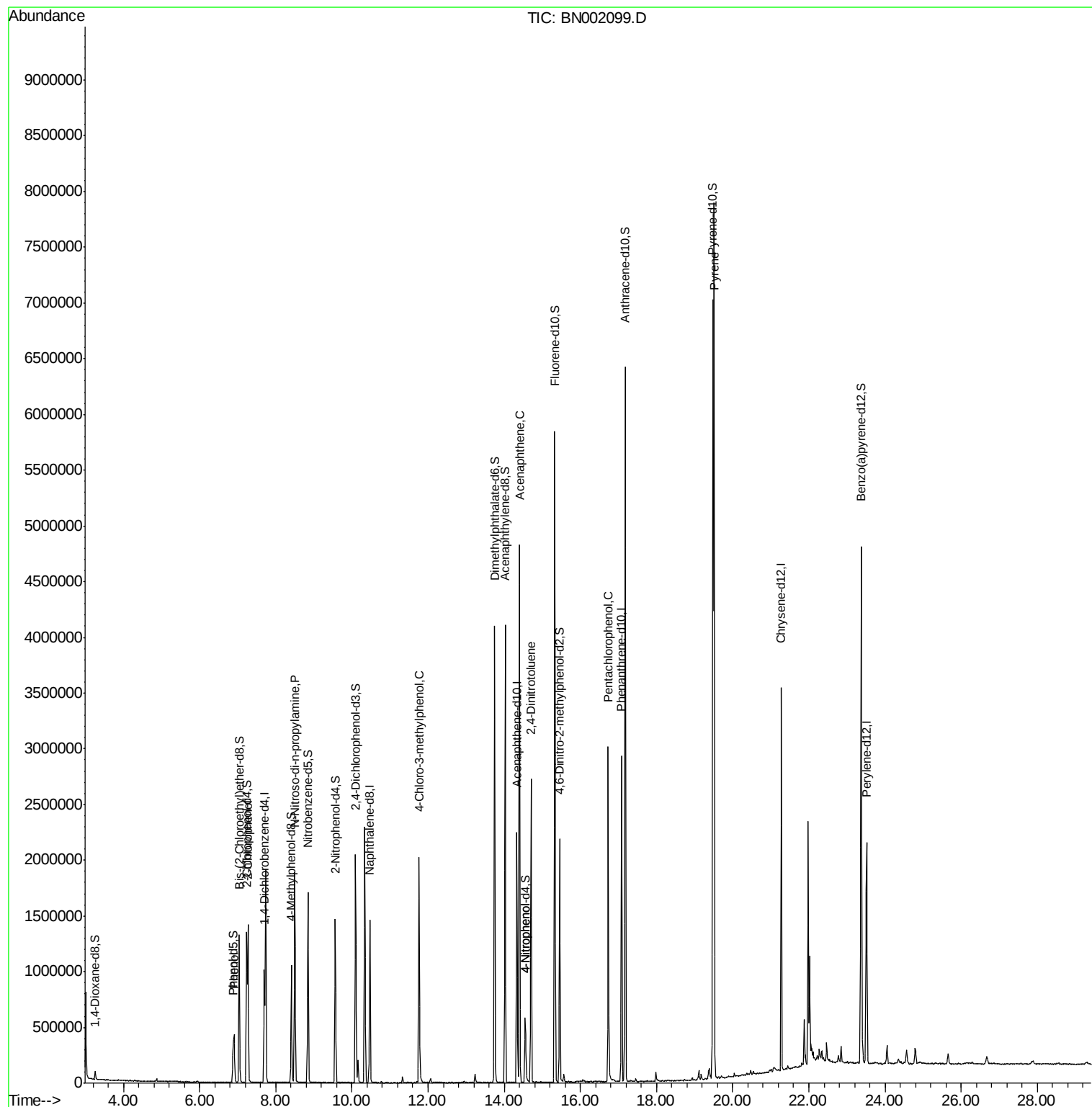
				Ovalue	
6) Phenol	6.90	94	222581	8.957	ng/ul 94
10) 2-Chlorophenol	7.27	128	591728	30.352	ng/ul# 91
15) N-Nitroso-di-n-propylamine	8.50	70	683663	41.241	ng/ul# 87
33) 4-Chloro-3-methylphenol	11.76	107	750956	33.779	ng/ul 99
49) Acenaphthene	14.40	153	2019728	39.118	ng/ul 99
52) 4-Nitrophenol	14.56	109	79744	9.535	ng/ul# 87
54) 2,4-Dinitrotoluene	14.70	165	798175	42.440	ng/ul# 88
68) Pentachlorophenol	16.73	266	518767	45.112	ng/ul 100
79) Pvrene	19.52	202	4655599	44.336	ng/ul 98

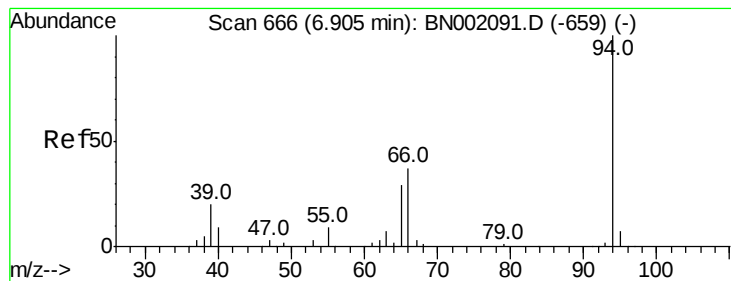
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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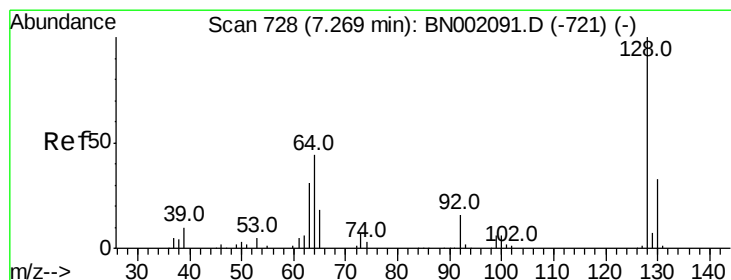
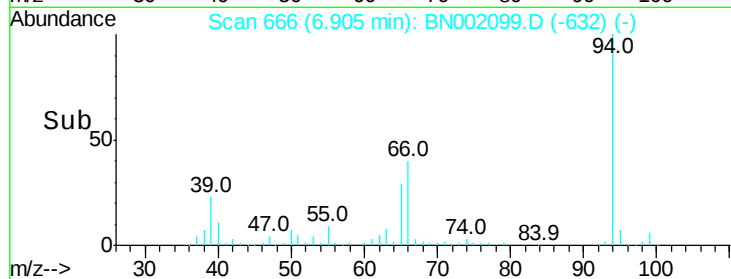
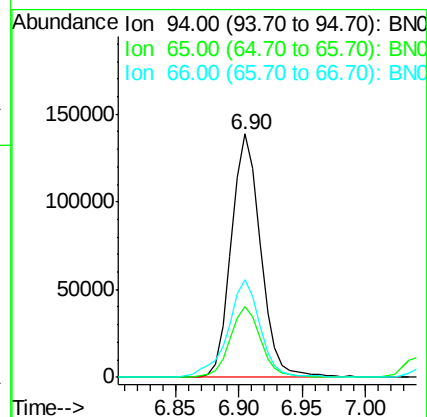
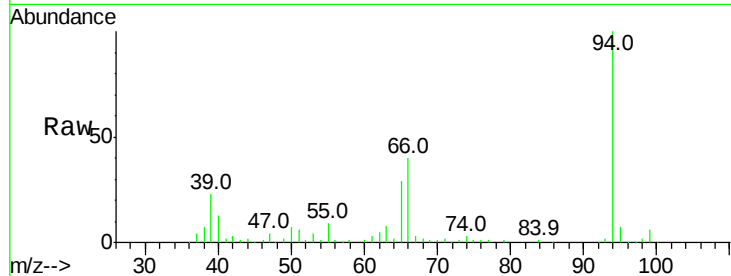
#6

Phenol

Concen: 8.957 ng/ul
 RT: 6.90 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BN002099.D
 Acq: 20 Jul 2018 14:51

Instrument :
 BNA_N
 ClientSampleId :
 DB1R2MSD

Tot Ion: 94 Resp: 222581
 Ion Ratio Lower Upper
 94 100
 65 29.0 21.0 31.6
 66 40.3 29.3 43.9

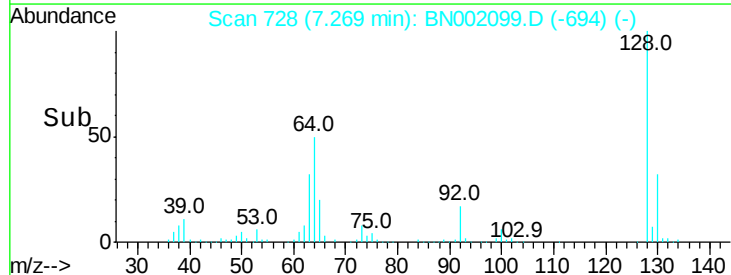
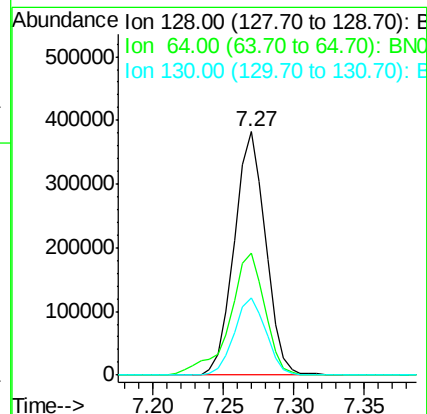
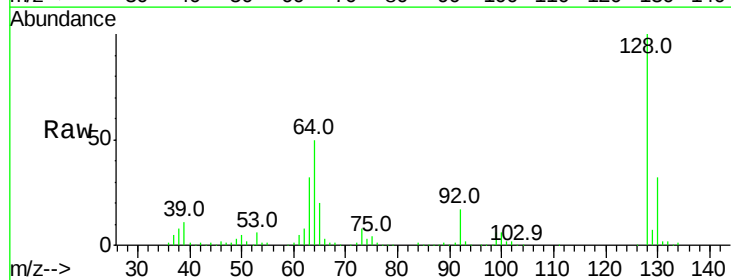


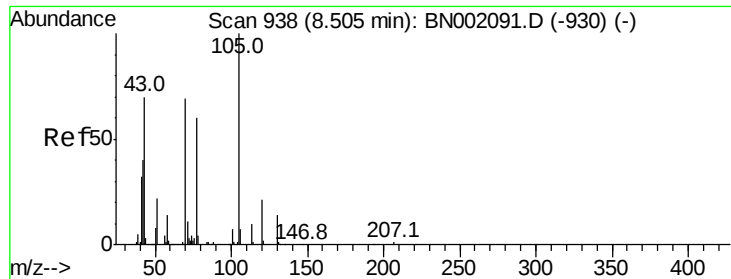
#10

2-Chlorophenol

Concen: 30.352 ng/ul
 RT: 7.27 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BN002099.D
 Acq: 20 Jul 2018 14:51

Tgt Ion: 128 Resp: 591728
 Ion Ratio Lower Upper
 128 100
 64 49.9 31.9 47.9#
 130 31.7 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 41.241 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN002099.D

Acq: 20 Jul 2018 14:51

Instrument :

BNA_N

ClientSampleId :

DB1R2MSD

Tot Ion: 70 Resp: 683663

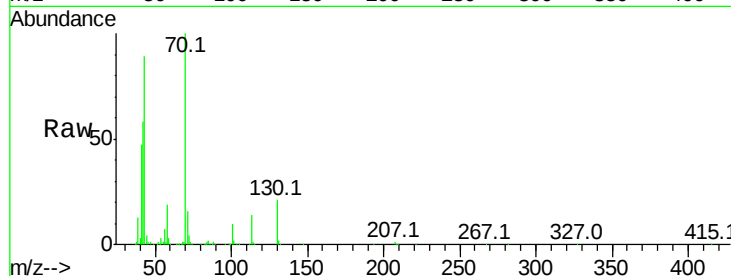
Ion Ratio Lower Upper

70 100

42 57.7 35.4 53.0#

101 9.7 8.4 12.6

130 21.0 18.2 27.4

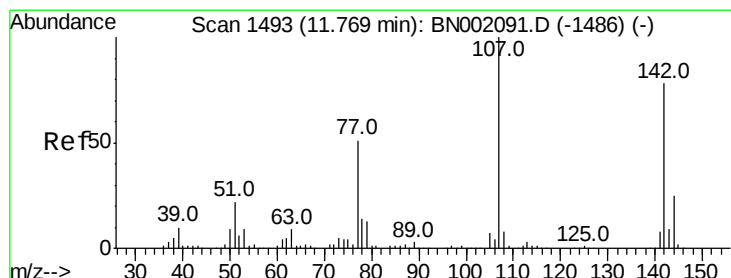
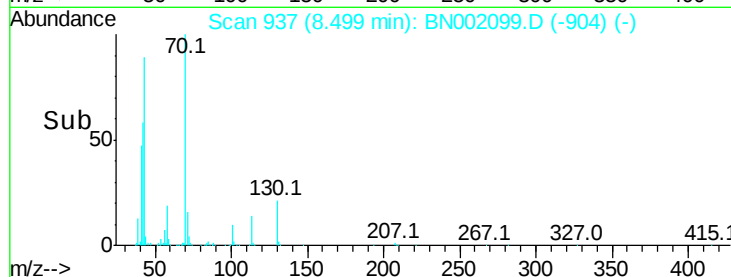
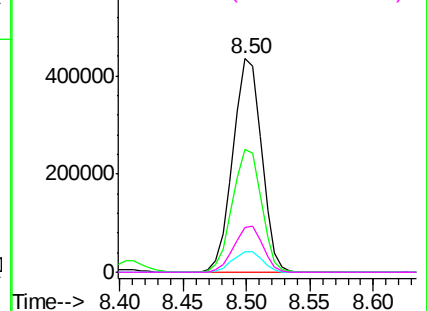


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 33.779 ng/ul

RT: 11.76 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BN002099.D

Acq: 20 Jul 2018 14:51

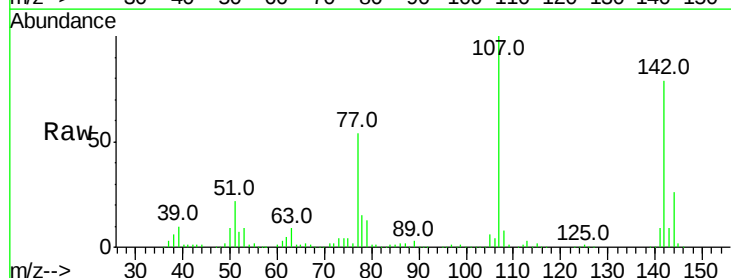
Tgt Ion: 107 Resp: 750956

Ion Ratio Lower Upper

107 100

144 25.9 20.4 30.6

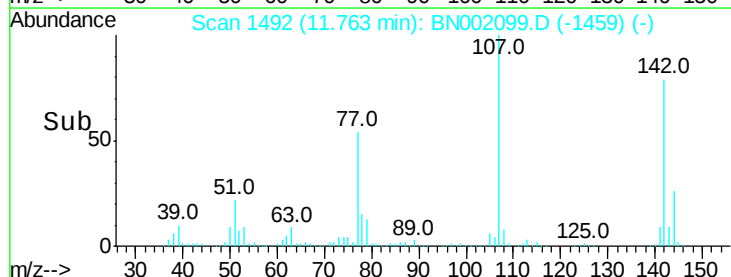
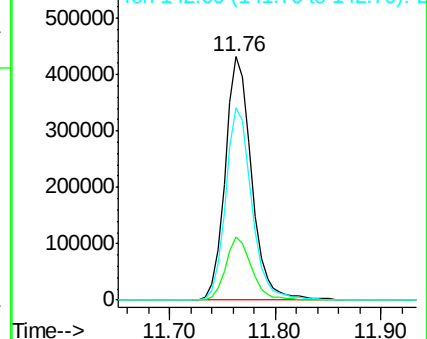
142 79.1 62.5 93.7

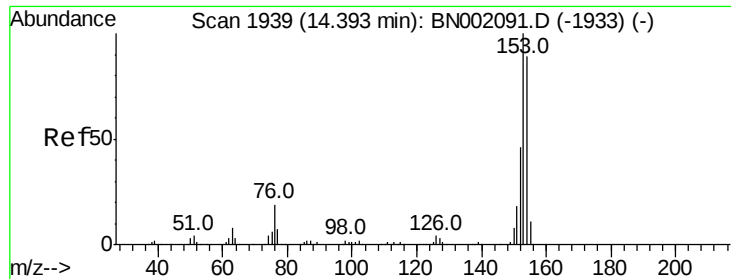


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#49

Acenaphthene

Concen: 39.118 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BN002099.D

Acq: 20 Jul 2018 14:51

Instrument :

BNA_N

ClientSampleId :

DB1R2MSD

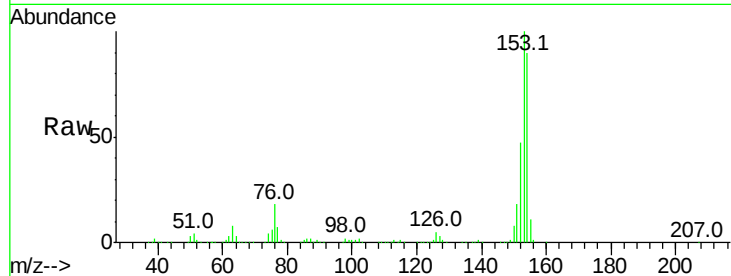
Tot Ion:153 Resp: 2019728

Ion Ratio Lower Upper

153 100

152 46.9 38.3 57.5

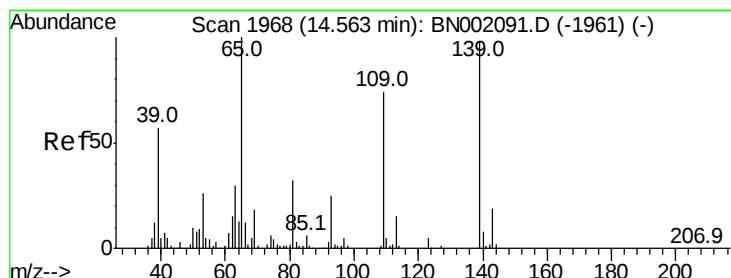
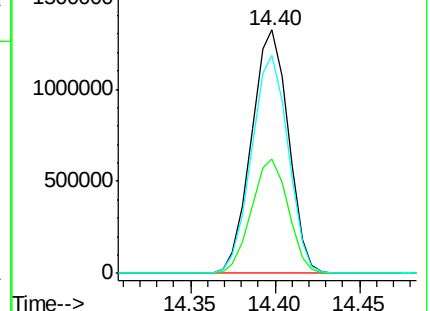
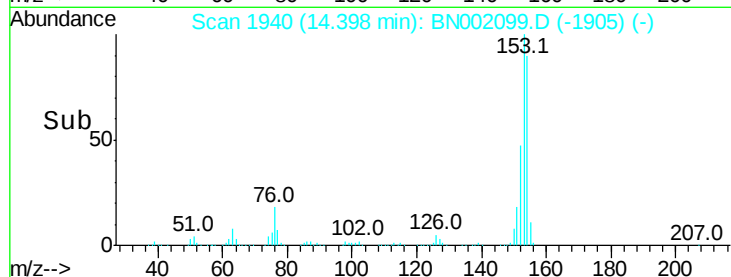
154 89.8 71.8 107.8



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: 9.535 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BN002099.D

Acq: 20 Jul 2018 14:51

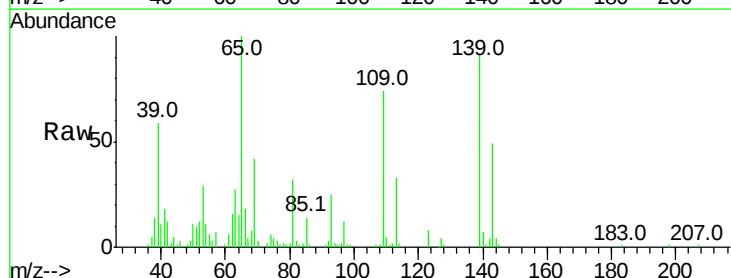
Tgt Ion:109 Resp: 79744

Ion Ratio Lower Upper

109 100

139 122.4 103.7 155.5

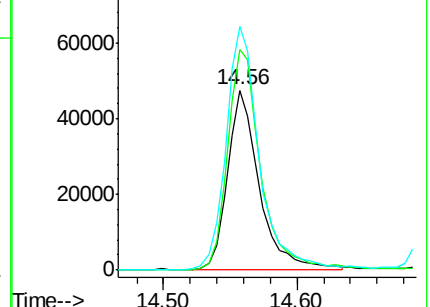
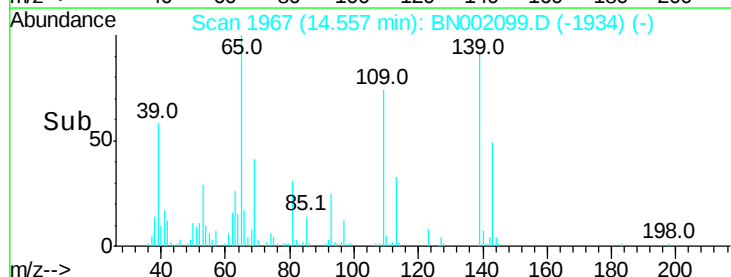
65 135.2 89.4 134.2#

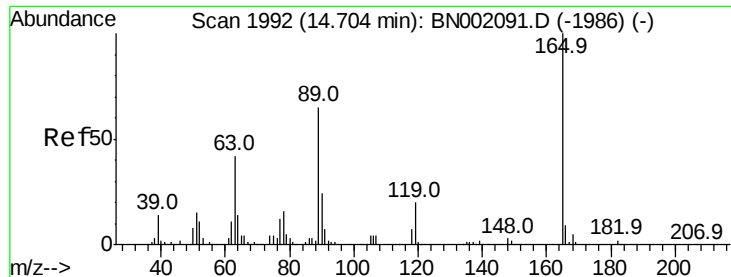


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

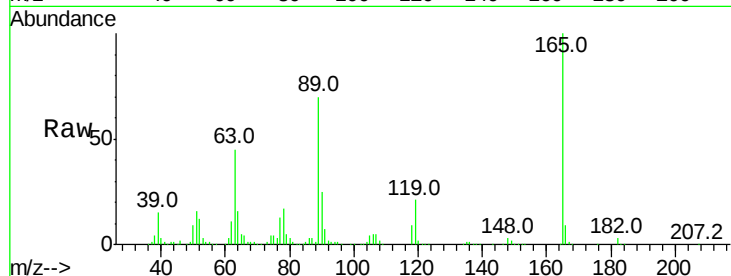




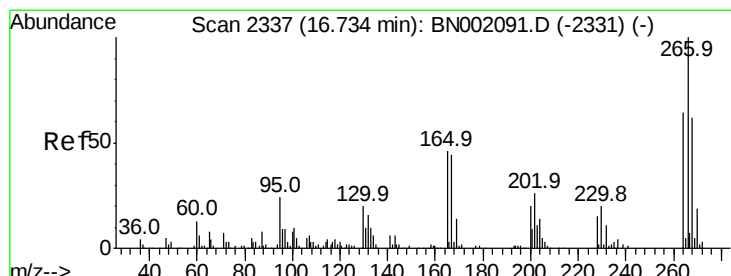
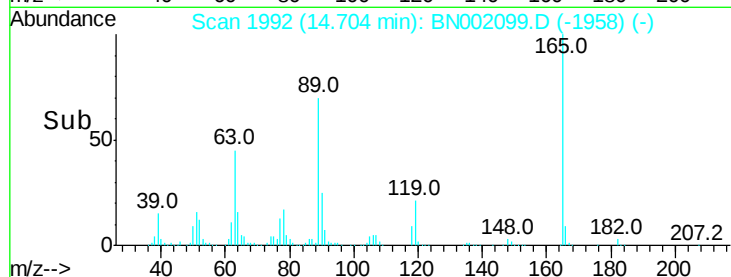
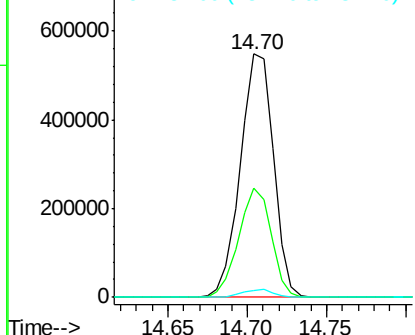
#54
 2,4-Dinitrotoluene
 Concen: 42.440 ng/ul
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BN002099.D
 Acq: 20 Jul 2018 14:51

Instrument :
 BNA_N
 ClientSampleId :
 DB1R2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	29.8	44.6#
182	3.1	2.2	3.4

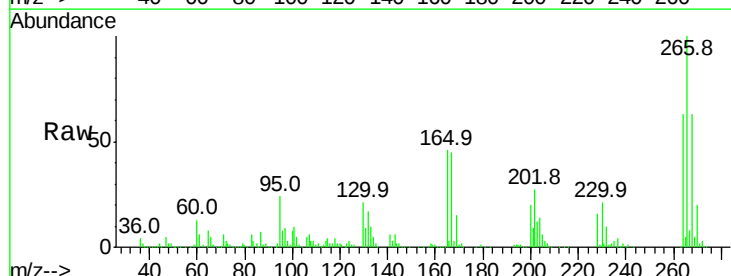


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

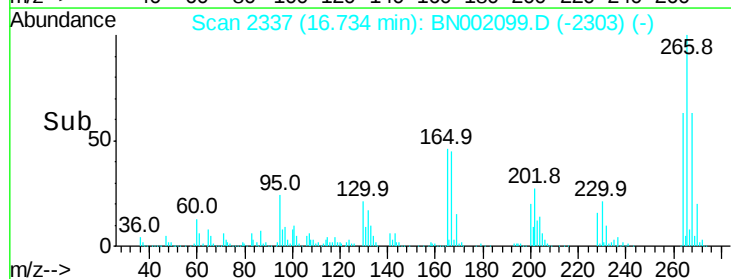
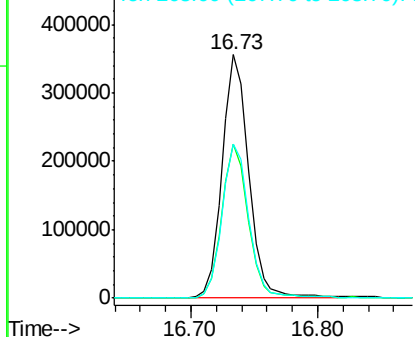


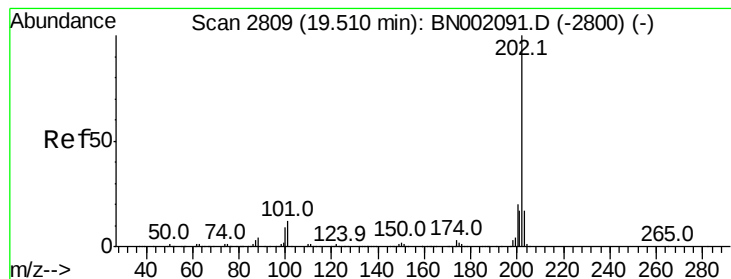
#68
 Pentachlorophenol
 Concen: 45.112 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BN002099.D
 Acq: 20 Jul 2018 14:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.5	75.7
268	63.1	50.9	76.3



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





#79

Pvrene

Concen: 44.336 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN002099.D

Acq: 20 Jul 2018 14:51

Instrument :

BNA_N

ClientSampleId :

DB1R2MSD

Tot Ion:202 Resp: 4655599

Ion Ratio Lower Upper

202 100

101 11.8 10.2 15.2

100 9.6 8.5 12.7

