

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
 Data File : BN002098.D
 Acq On : 20 Jul 2018 14:16
 Operator : JU/SJ
 Sample : J4039-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 23:56:38 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	257036	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1179538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	719054	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1618258	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1544305	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1346663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	35866	6.30	ng/uL	0.00
5) Phenol-d5	6.88	99	187552	7.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	545510	36.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	580287	30.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	370332	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	384518	39.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	439914	39.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	722752	36.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	5954	0.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2572998	42.21	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2822453	37.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	96347	8.27	ng/ul	0.00
57) Fluorene-d10	15.33	176	2158044	41.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	434522	41.23	ng/ul	0.00
70) Anthracene-d10	17.18	188	3298107	41.80	ng/ul	0.00
78) Pyrene-d10	19.48	212	3605163	44.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	3094928	42.56	ng/ul	0.00

Target Compounds

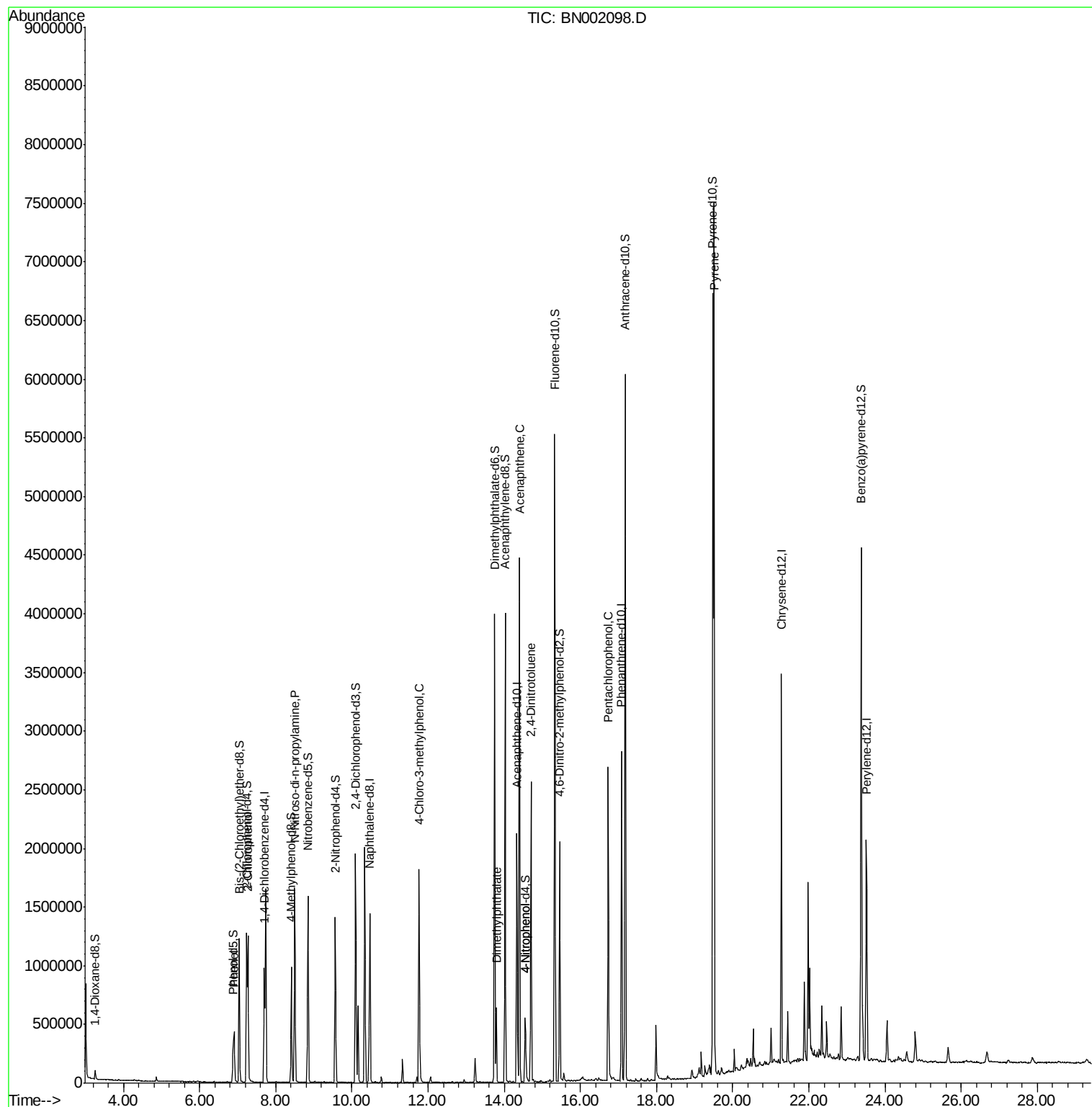
					Ovalue	
6) Phenol	6.90	94	225845	9.291	ng/ul	95
10) 2-Chlorophenol	7.27	128	524438	27.501	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.50	70	601573	37.098	ng/ul#	86
33) 4-Chloro-3-methylphenol	11.76	107	684857	31.709	ng/ul	98
44) Dimethylphthalate	13.79	163	394238	6.603	ng/ul	100
49) Acenaphthene	14.40	153	1825628	36.337	ng/ul	99
52) 4-Nitrophenol	14.56	109	73743	9.061	ng/ul#	80
54) 2,4-Dinitrotoluene	14.70	165	719874	39.335	ng/ul#	87
68) Pentachlorophenol	16.73	266	468616	41.808	ng/ul	99
79) Pyrene	19.51	202	4184084	42.222	ng/ul	100

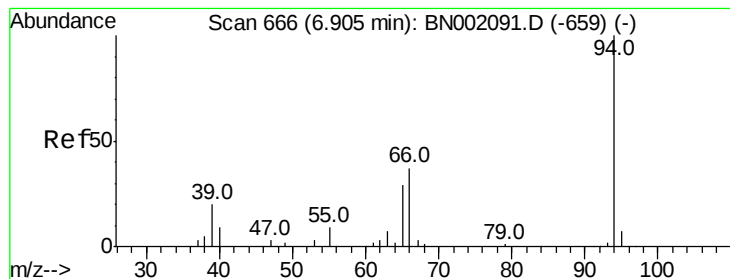
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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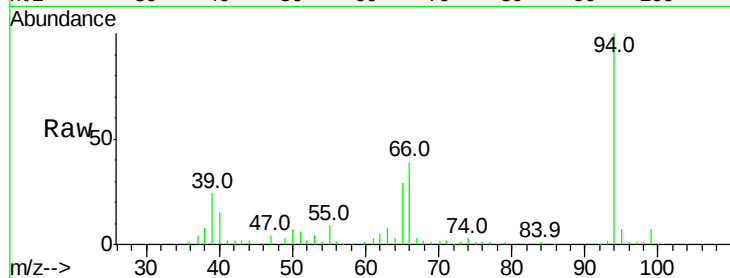
#6

Phenol

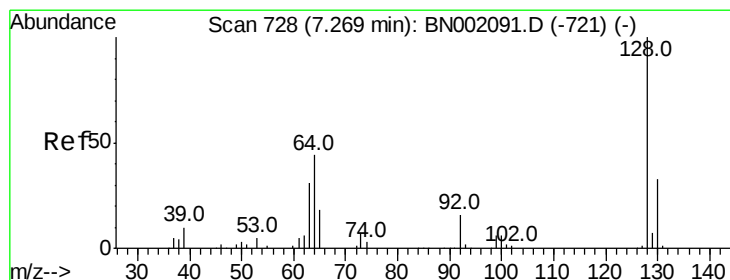
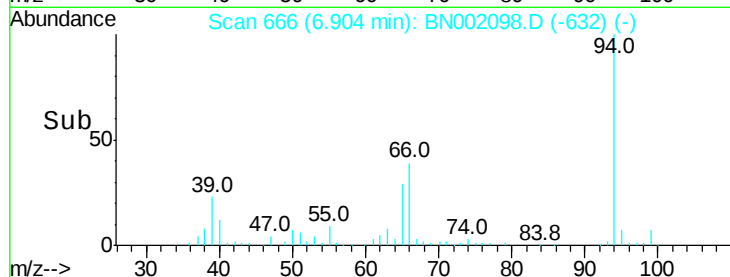
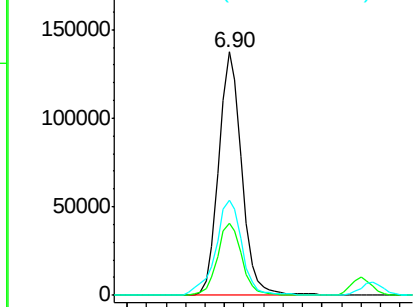
Concen: 9.291 ng/ul
 RT: 6.90 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BN002098.D
 Acq: 20 Jul 2018 14:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 225845
 Ion Ratio Lower Upper
 94 100
 65 29.4 21.0 31.6
 66 39.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

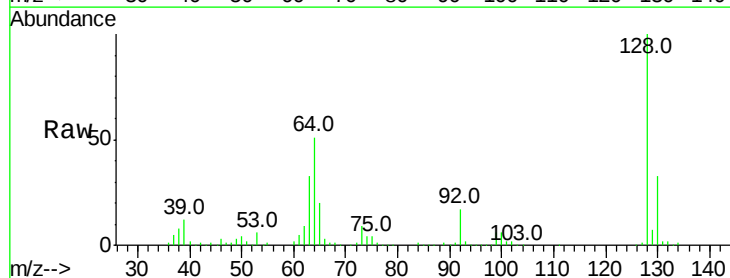


#10

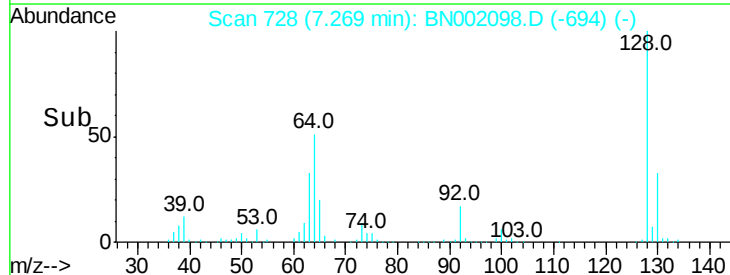
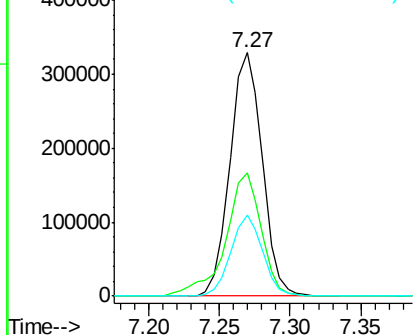
2-Chlorophenol

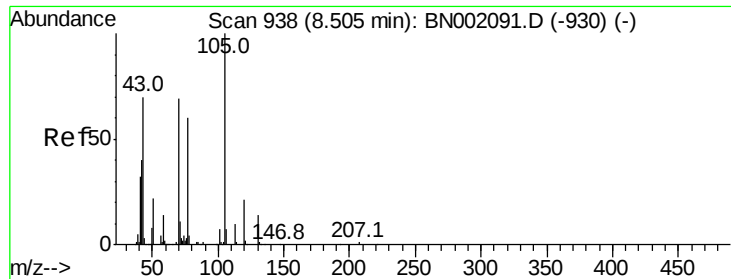
Concen: 27.501 ng/ul
 RT: 7.27 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BN002098.D
 Acq: 20 Jul 2018 14:16

Tgt Ion:128 Resp: 524438
 Ion Ratio Lower Upper
 128 100
 64 50.6 31.9 47.9#
 130 33.5 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 37.098 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN002098.D

Acq: 20 Jul 2018 14:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 601573

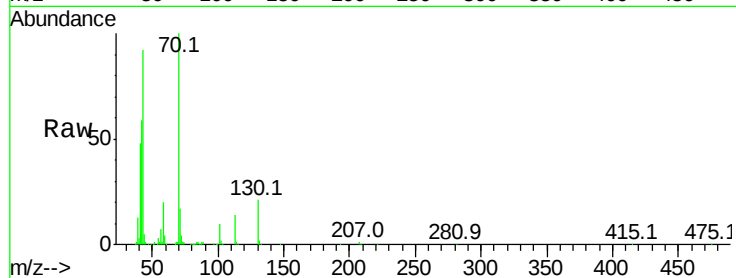
Ion Ratio Lower Upper

70 100

42 58.7 35.4 53.0#

101 10.2 8.4 12.6

130 21.2 18.2 27.4



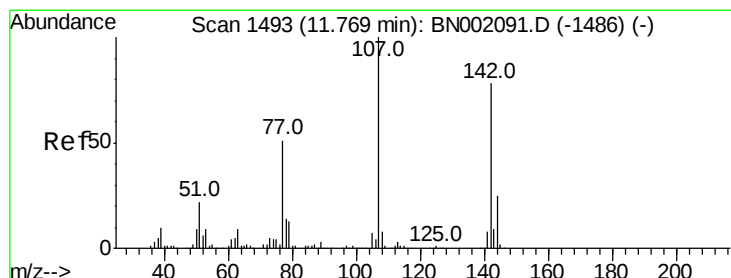
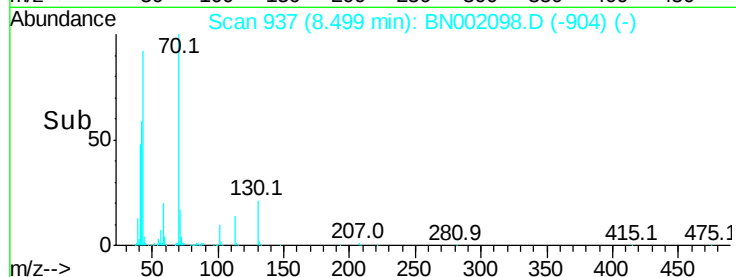
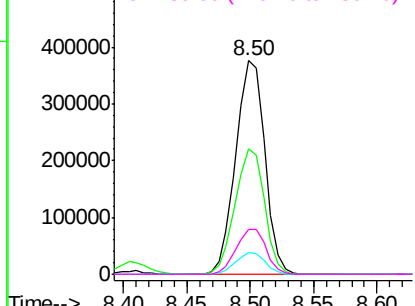
Abundance

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: 31.709 ng/ul

RT: 11.76 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BN002098.D

Acq: 20 Jul 2018 14:16

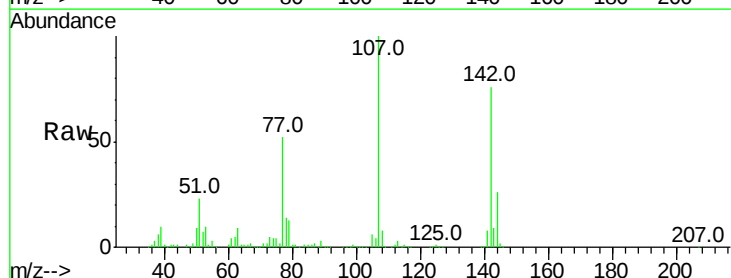
Tgt Ion: 107 Resp: 684857

Ion Ratio Lower Upper

107 100

144 25.9 20.4 30.6

142 76.1 62.5 93.7

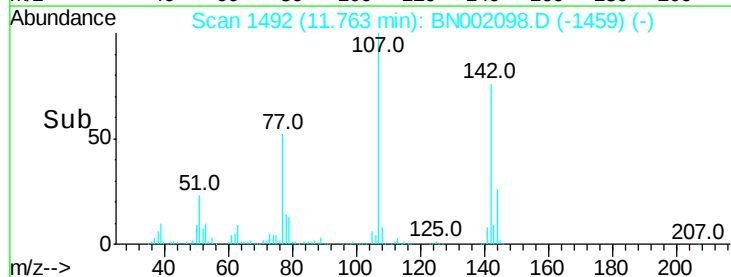
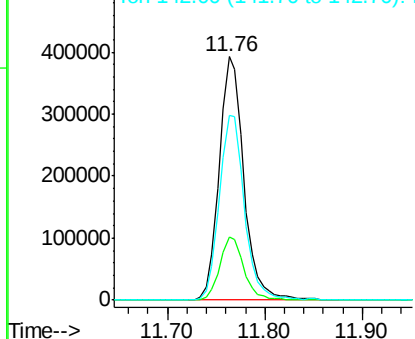


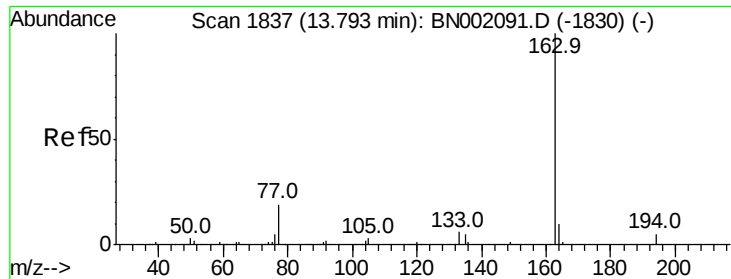
Abundance

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





#44

Dimethylphthalate

Concen: 6.603 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BN002098.D

Acq: 20 Jul 2018 14:16

Instrument :

BNA_N

ClientSampleId :

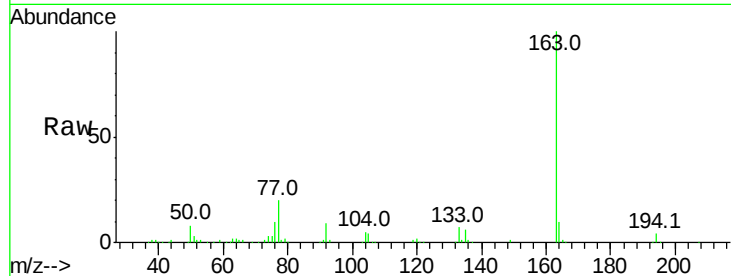
Tot Ion:163 Resp: 394238

Ion Ratio Lower Upper

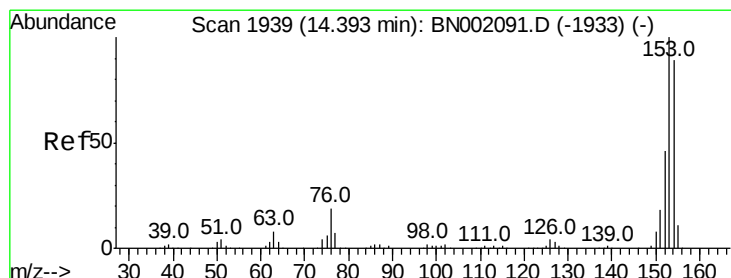
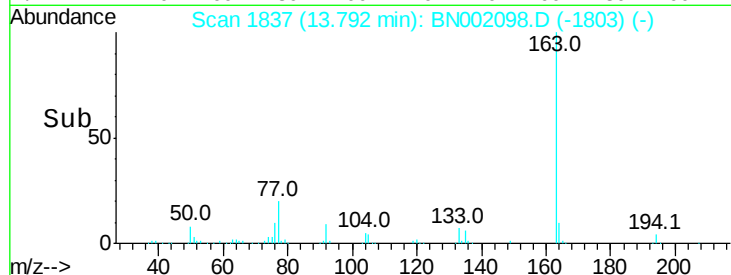
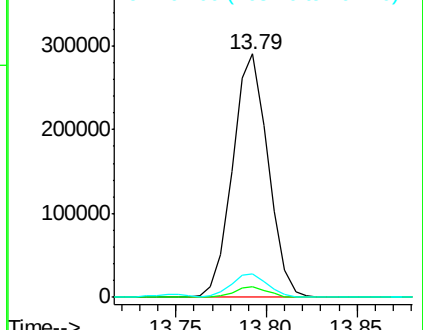
163 100

194 4.4 3.2 4.8

164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 36.337 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BN002098.D

Acq: 20 Jul 2018 14:16

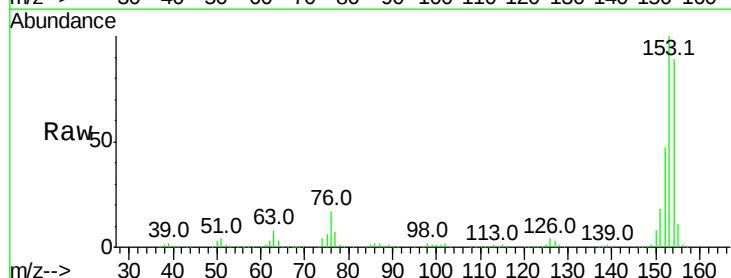
Tgt Ion:153 Resp: 1825628

Ion Ratio Lower Upper

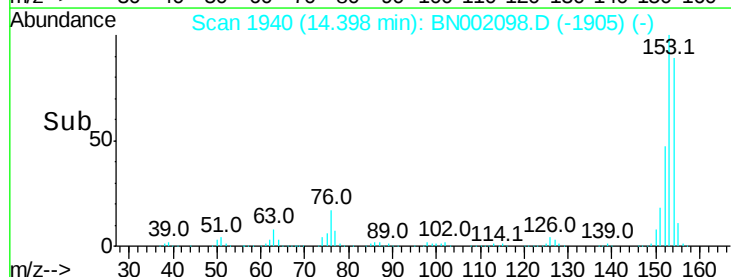
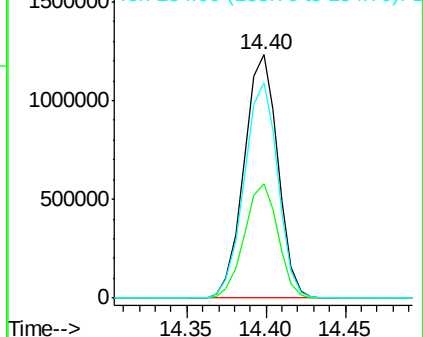
153 100

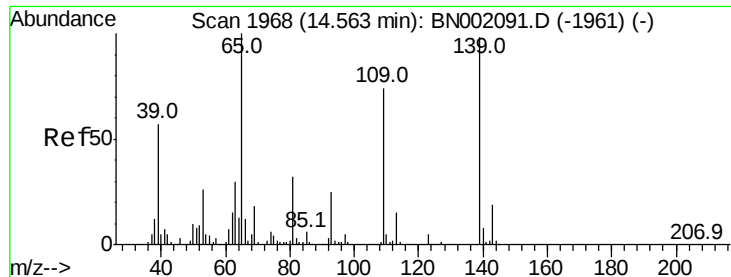
152 46.9 38.3 57.5

154 88.6 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: 9.061 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BN002098.D

Acq: 20 Jul 2018 14:16

Instrument :

BNA_N

ClientSampled :

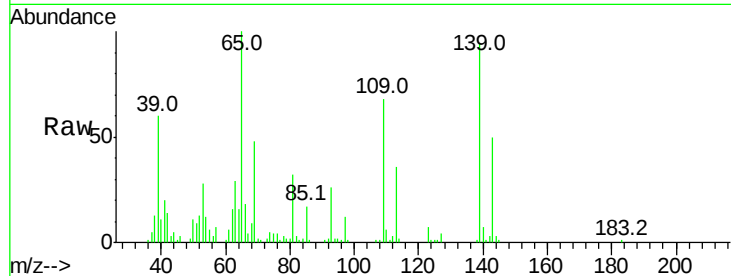
Tot Ion:109 Resp: 73743

Ion Ratio Lower Upper

109 100

139 139.6 103.7 155.5

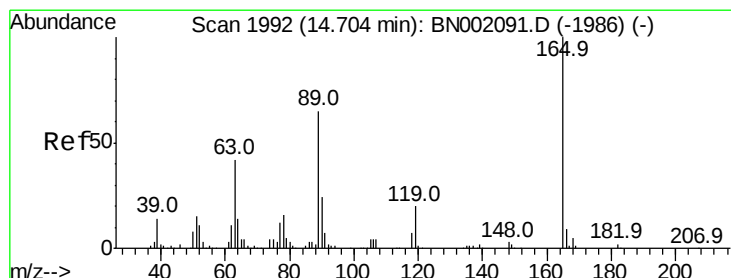
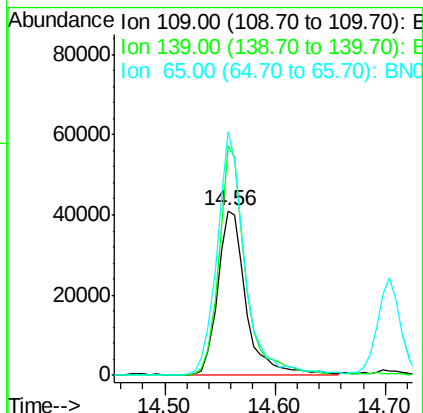
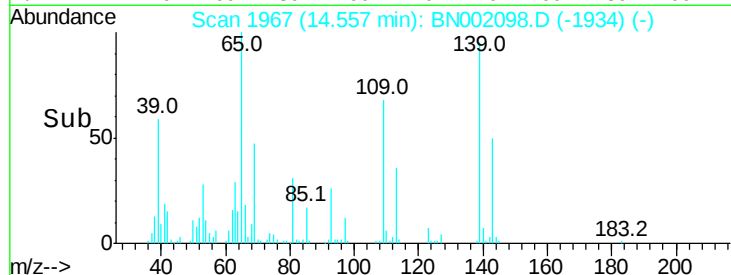
65 148.1 89.4 134.2#



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: 39.335 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BN002098.D

Acq: 20 Jul 2018 14:16

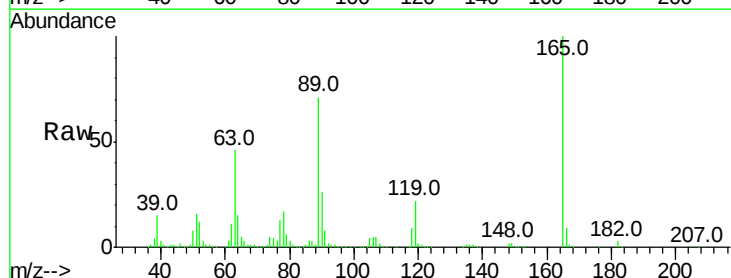
Tgt Ion:165 Resp: 719874

Ion Ratio Lower Upper

165 100

63 45.6 29.8 44.6#

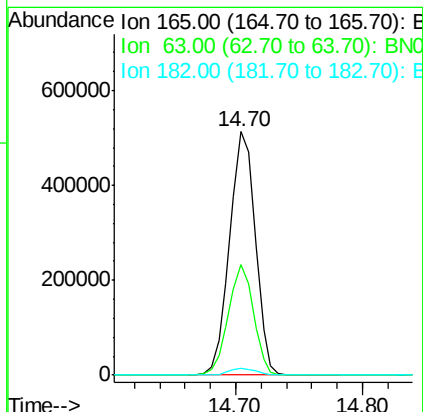
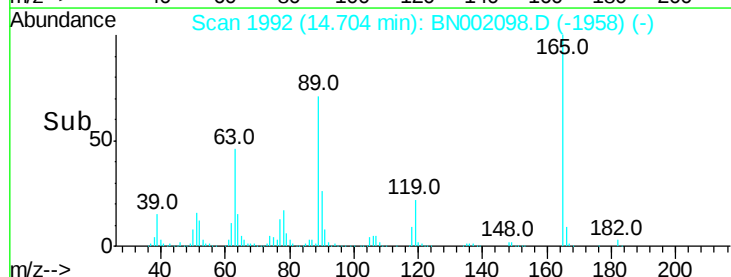
182 3.1 2.2 3.4

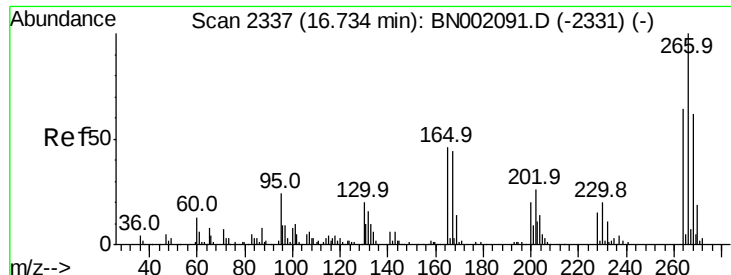


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

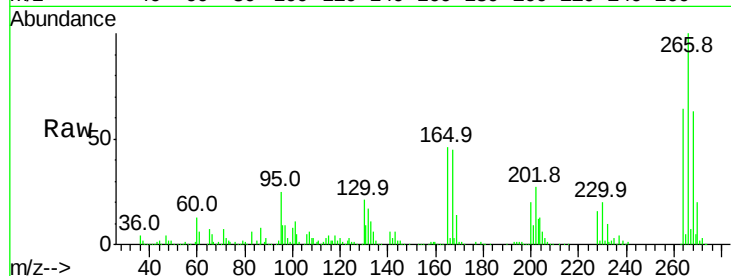




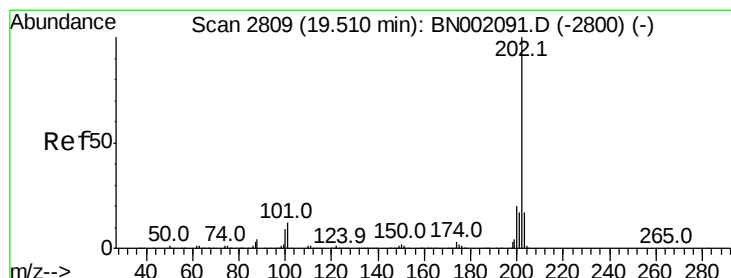
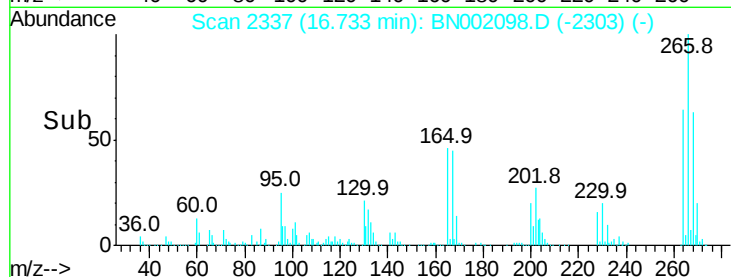
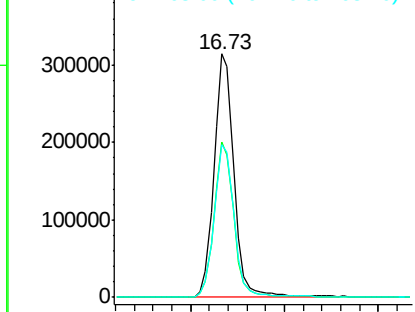
#68
 Pentachlorophenol
 Concen: 41.808 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BN002098.D
 Acq: 20 Jul 2018 14:16

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 468616
 Ion Ratio Lower Upper
 266 100
 264 63.7 50.5 75.7
 268 62.6 50.9 76.3

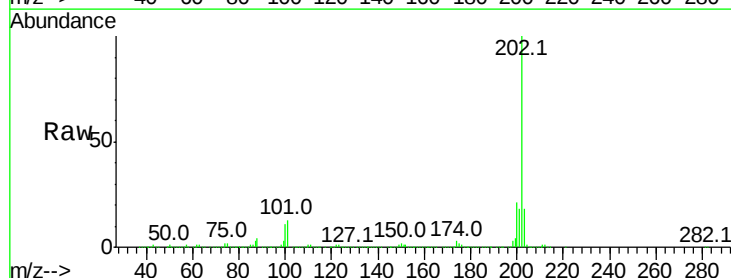


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 42.222 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BN002098.D
 Acq: 20 Jul 2018 14:16

Tgt Ion:202 Resp: 4184084
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.2 15.2
 100 10.8 8.5 12.7



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

