

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
 Data File : BN002071.D
 Acq On : 19 Jul 2018 14:06
 Operator : JU/SJ
 Sample : J4024-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 16:48:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 17 00:49:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	274912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1278139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	784082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1810204	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1872696	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1785598	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	32562	5.34	ng/uL	0.00
5) Phenol-d5	6.88	99	83674	3.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	247443	15.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	253954	12.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	159321	7.64	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	170564	16.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	188149	15.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	312742	14.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	25151	1.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1222598	18.39	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1441189	17.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	38874	3.06	ng/ul	0.00
57) Fluorene-d10	15.33	176	1043592	18.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	184399	15.64	ng/ul	0.00
70) Anthracene-d10	17.18	188	1650101	18.70	ng/ul	0.00
78) Pyrene-d10	19.48	212	1875190	19.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1896814	19.67	ng/ul	-0.01

Target Compounds

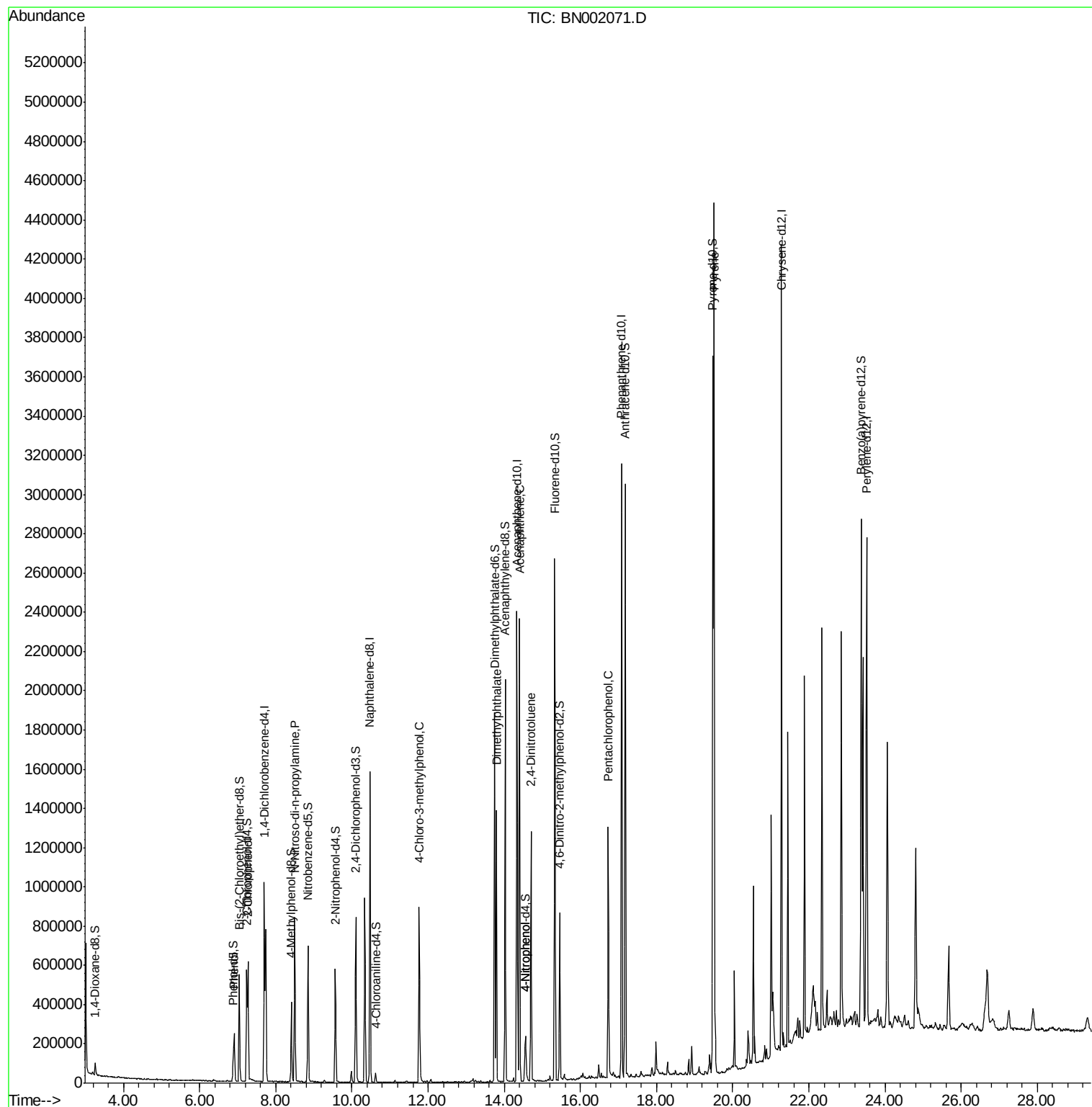
					Ovalue	
6) Phenol	6.91	94	132082	5.080	ng/ul#	92
10) 2-Chlorophenol	7.27	128	255281	12.516	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.50	70	294269	16.967	ng/ul#	85
33) 4-Chloro-3-methylphenol	11.77	107	335241	14.324	ng/ul	97
44) Dimethylphthalate	13.79	163	860630	13.220	ng/ul	99
49) Acenaphthene	14.40	153	958242	17.491	ng/ul	99
52) 4-Nitrophenol	14.56	109	33323	3.755	ng/ul#	86
54) 2,4-Dinitrotoluene	14.70	165	355216	17.800	ng/ul	88
68) Pentachlorophenol	16.73	266	223242	17.805	ng/ul	99
79) Pyrene	19.51	202	2409069	20.047	ng/ul	100

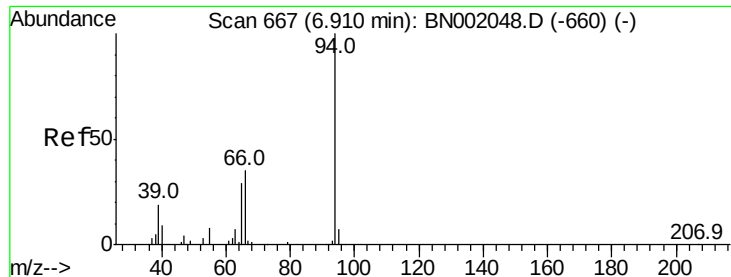
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.080 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN002071.D

Acq: 19 Jul 2018 14:06

Instrument :

BNA_N

ClientSampled :

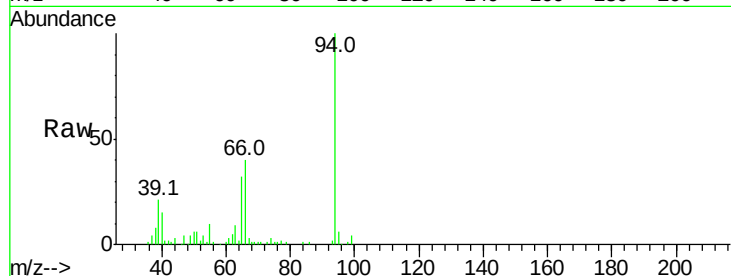
Tot Ion: 94 Resp: 132082

Ion Ratio Lower Upper

94 100

65 32.5 21.0 31.6#

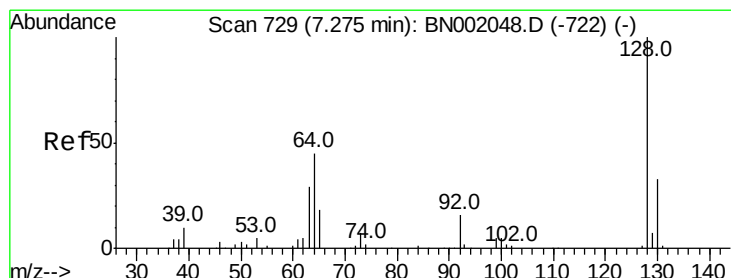
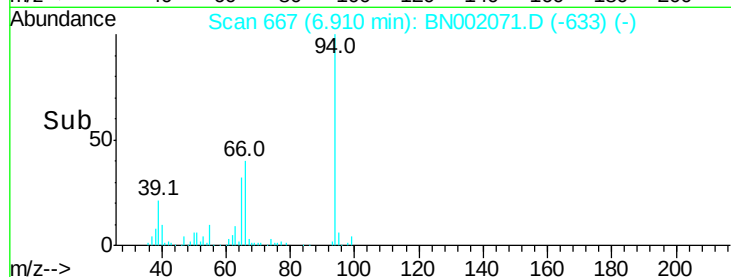
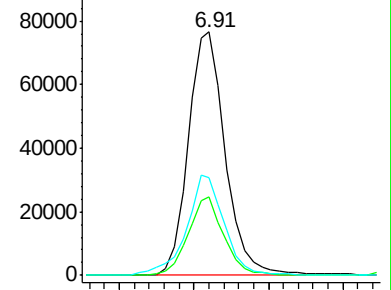
66 40.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002048.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BN002048.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BN002048.D (-660) (-)



#10

2-Chlorophenol

Concen: 12.516 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BN002071.D

Acq: 19 Jul 2018 14:06

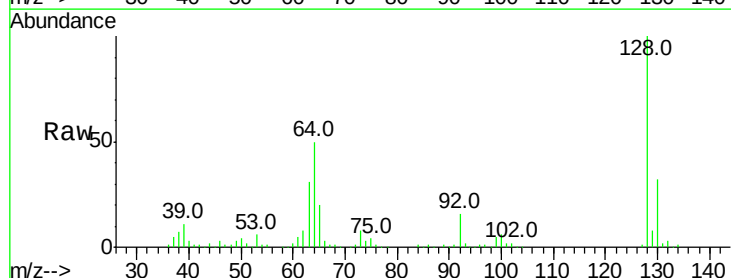
Tgt Ion:128 Resp: 255281

Ion Ratio Lower Upper

128 100

64 50.3 31.9 47.9#

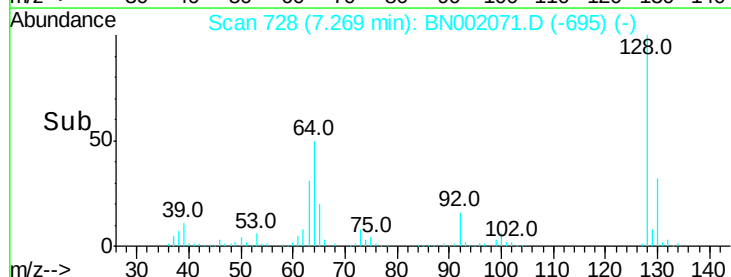
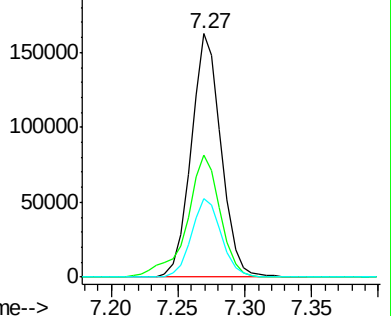
130 32.2 25.6 38.4

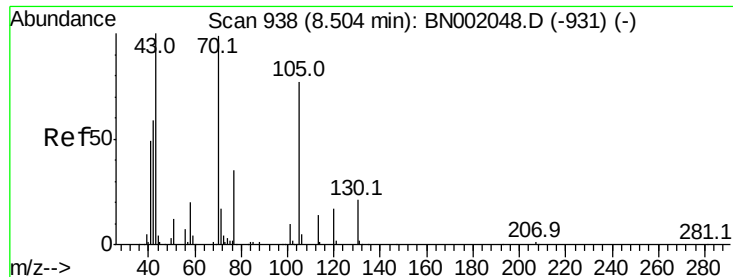


Abundance Ion 128.00 (127.70 to 128.70): BN002048.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BN002048.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BN002048.D (-722) (-)

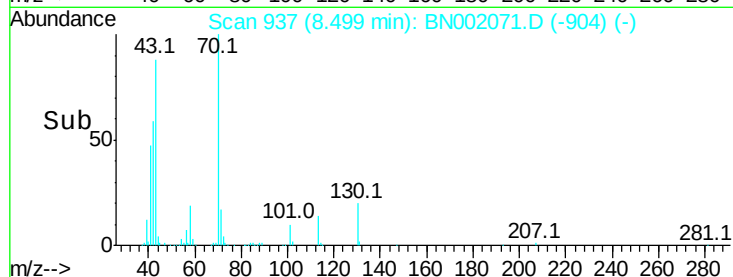
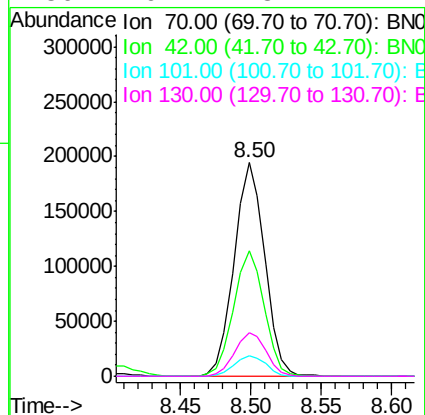
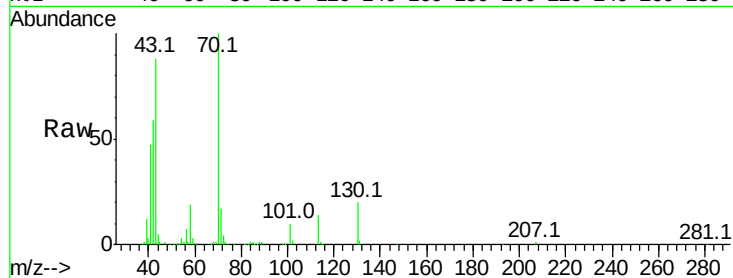




#15
 N-Nitroso-di-n-propylamine
 Concen: 16.967 ng/ul
 RT: 8.50 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BN002071.D
 Acq: 19 Jul 2018 14:06

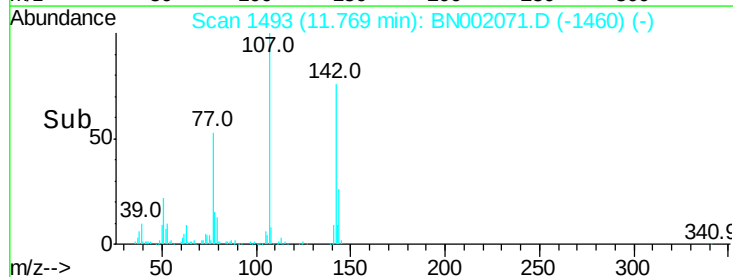
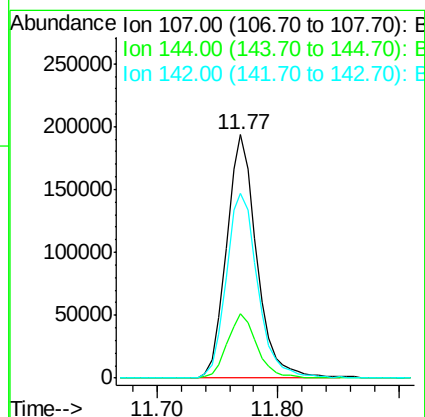
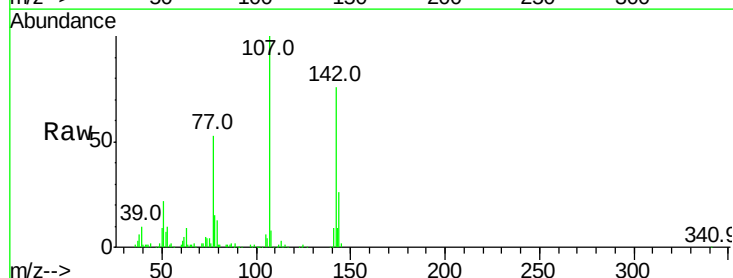
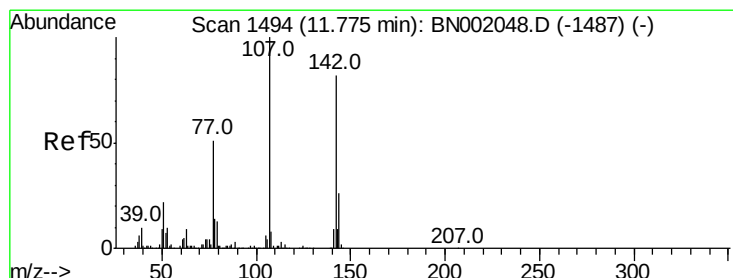
Instrument :
 BNA_N
 ClientSampled :

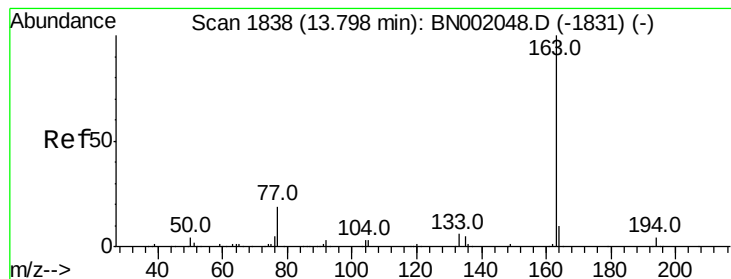
Tot Ion: 70 Resp: 294269
 Ion Ratio Lower Upper
 70 100
 42 58.6 35.4 53.0#
 101 9.8 8.4 12.6
 130 20.2 18.2 27.4



#33
 4-Chloro-3-methylphenol
 Concen: 14.324 ng/ul
 RT: 11.77 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BN002071.D
 Acq: 19 Jul 2018 14:06

Tgt Ion: 107 Resp: 335241
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.4 30.6
 142 75.7 62.5 93.7





#44

Dimethylphthalate

Concen: 13.220 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN002071.D

Acq: 19 Jul 2018 14:06

Instrument :

BNA_N

ClientSampleId :

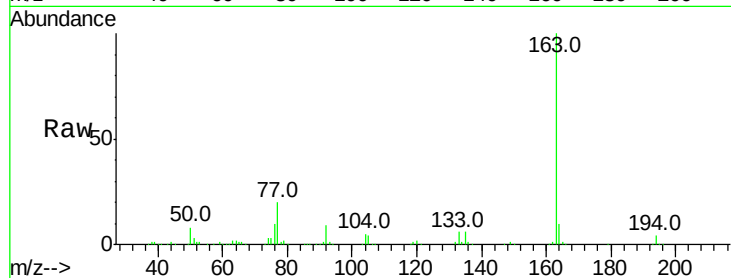
Tot Ion:163 Resp: 860630

Ion Ratio Lower Upper

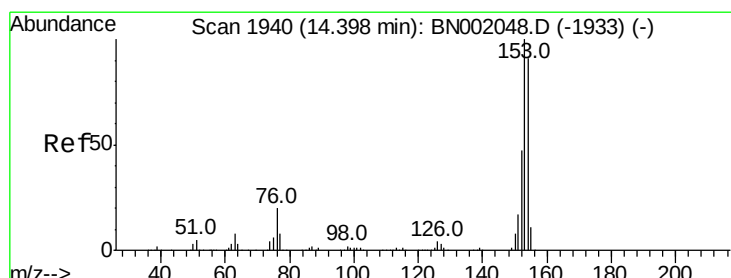
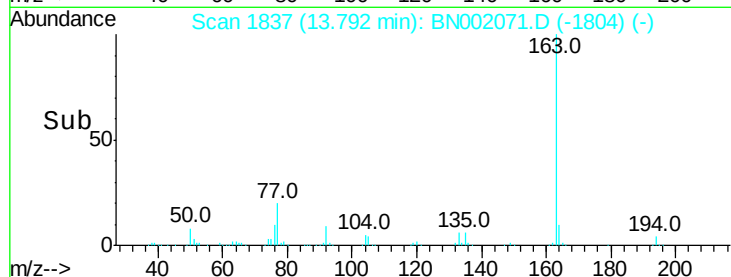
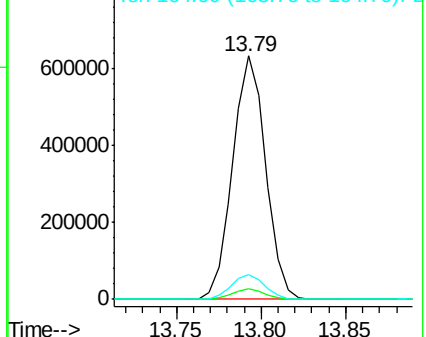
163 100

194 4.3 3.2 4.8

164 10.0 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: 17.491 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BN002071.D

Acq: 19 Jul 2018 14:06

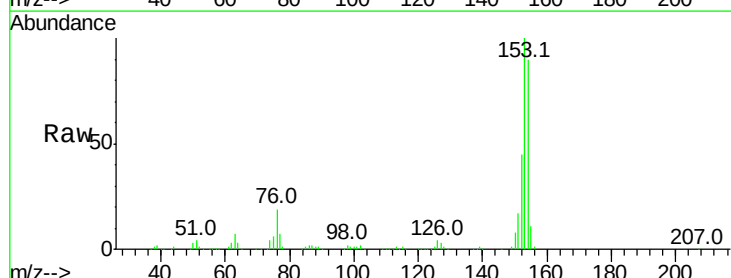
Tgt Ion:153 Resp: 958242

Ion Ratio Lower Upper

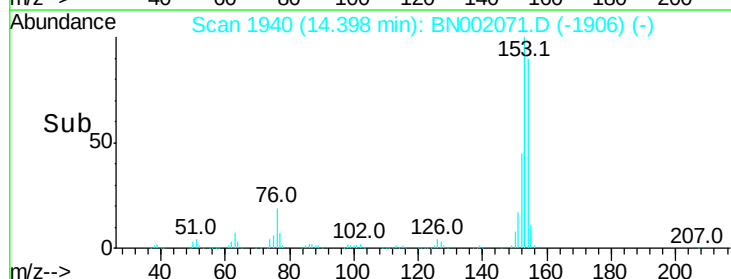
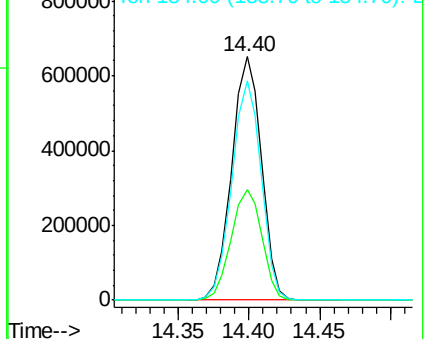
153 100

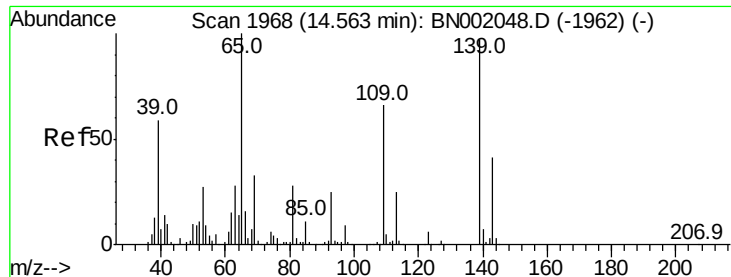
152 45.4 38.3 57.5

154 89.9 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

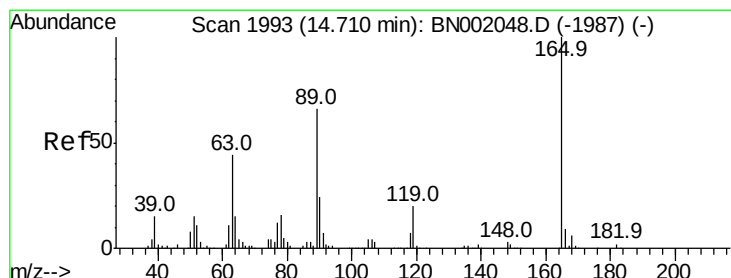
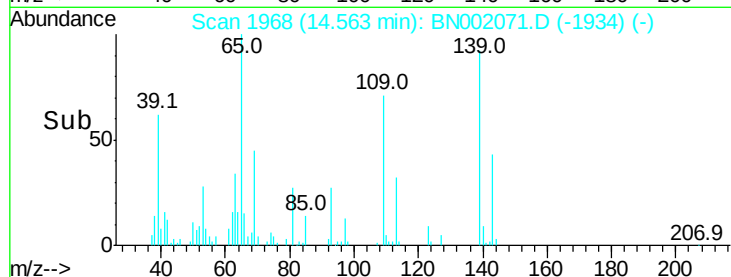
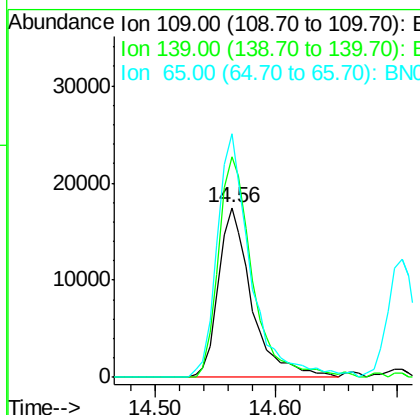
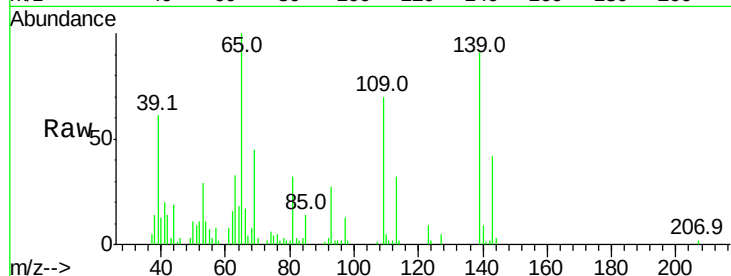




#52
4-Nitrophenol
Concen: 3.755 ng/ul
RT: 14.56 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BN002071.D
Acq: 19 Jul 2018 14:06

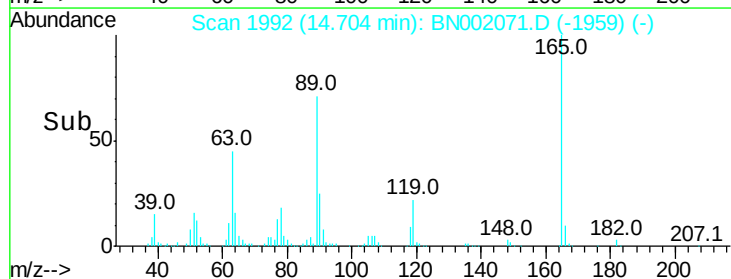
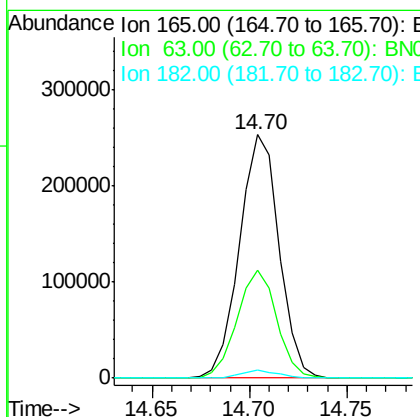
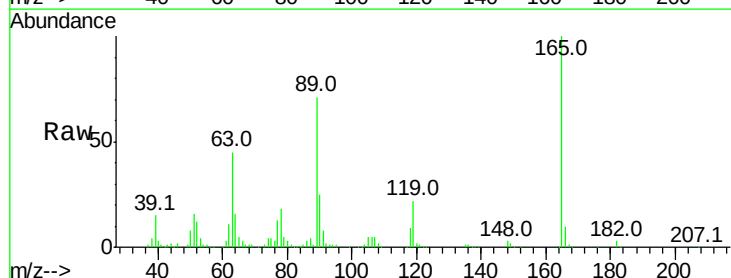
Instrument :
BNA_N
ClientSampleId :

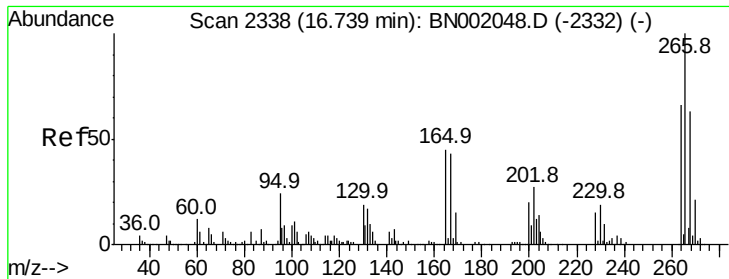
Tot Ion:109 Resp: 33323
Ion Ratio Lower Upper
109 100
139 130.2 103.7 155.5
65 143.7 89.4 134.2#



#54
2,4-Dinitrotoluene
Concen: 17.800 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN002071.D
Acq: 19 Jul 2018 14:06

Tgt Ion:165 Resp: 355216
Ion Ratio Lower Upper
165 100
63 44.6 29.8 44.6
182 3.2 2.2 3.4

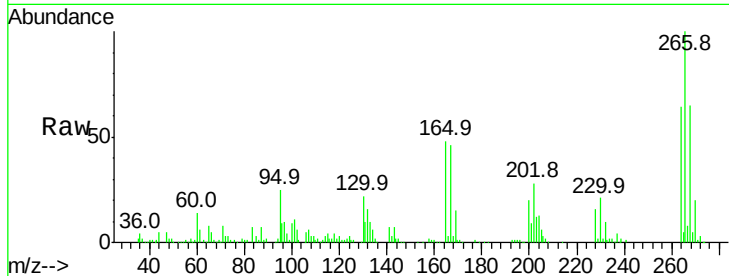




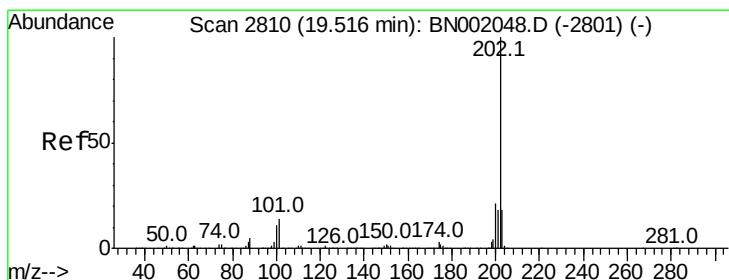
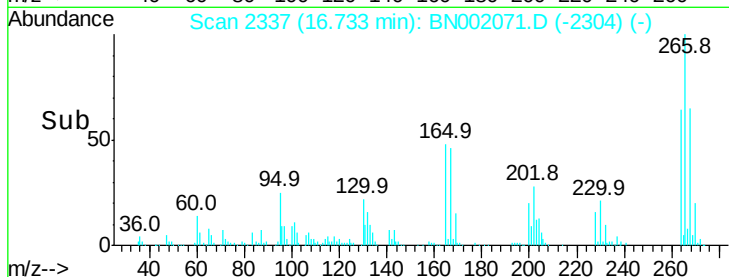
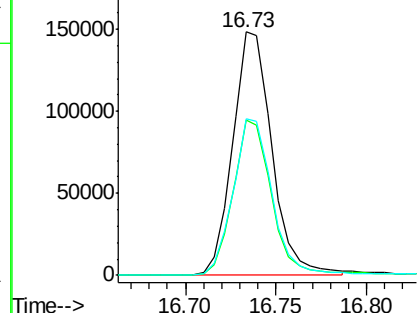
#68
 Pentachlorophenol
 Concen: 17.805 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BN002071.D
 Acq: 19 Jul 2018 14:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.5	75.7
268	64.6	50.9	76.3

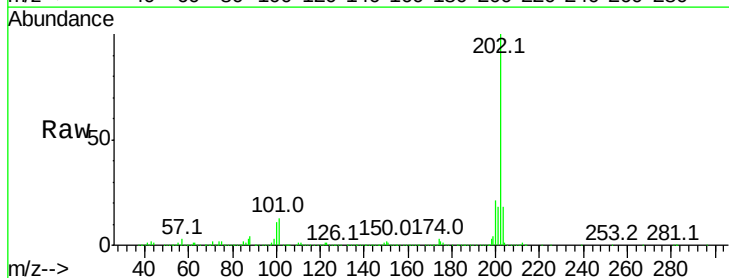


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 20.047 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BN002071.D
 Acq: 19 Jul 2018 14:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	10.6	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

