

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062518\
 Data File : BN001907.D
 Acq On : 25 Jun 2018 12:29
 Operator : JU/SJ
 Sample : J3569-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 26 04:48:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 26 04:45:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	588112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2670000	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1555444	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3272055	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2466736	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2133024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	68553	5.06	ng/uL	0.00
5) Phenol-d5	6.89	99	1479103	27.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	1015515	30.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1247169	29.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	683417	16.03	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	650607	32.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	724430	35.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1264186	28.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	265340	5.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	3948575	30.06	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	5075686	31.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	541253	22.37	ng/ul	0.00
57) Fluorene-d10	15.34	176	3483367	30.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	474802	26.64	ng/ul	0.00
70) Anthracene-d10	17.19	188	4884391	30.90	ng/ul	0.00
76) Pyrene-d10	19.49	212	4794289	38.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3655462	31.51	ng/ul	0.00

Target Compounds

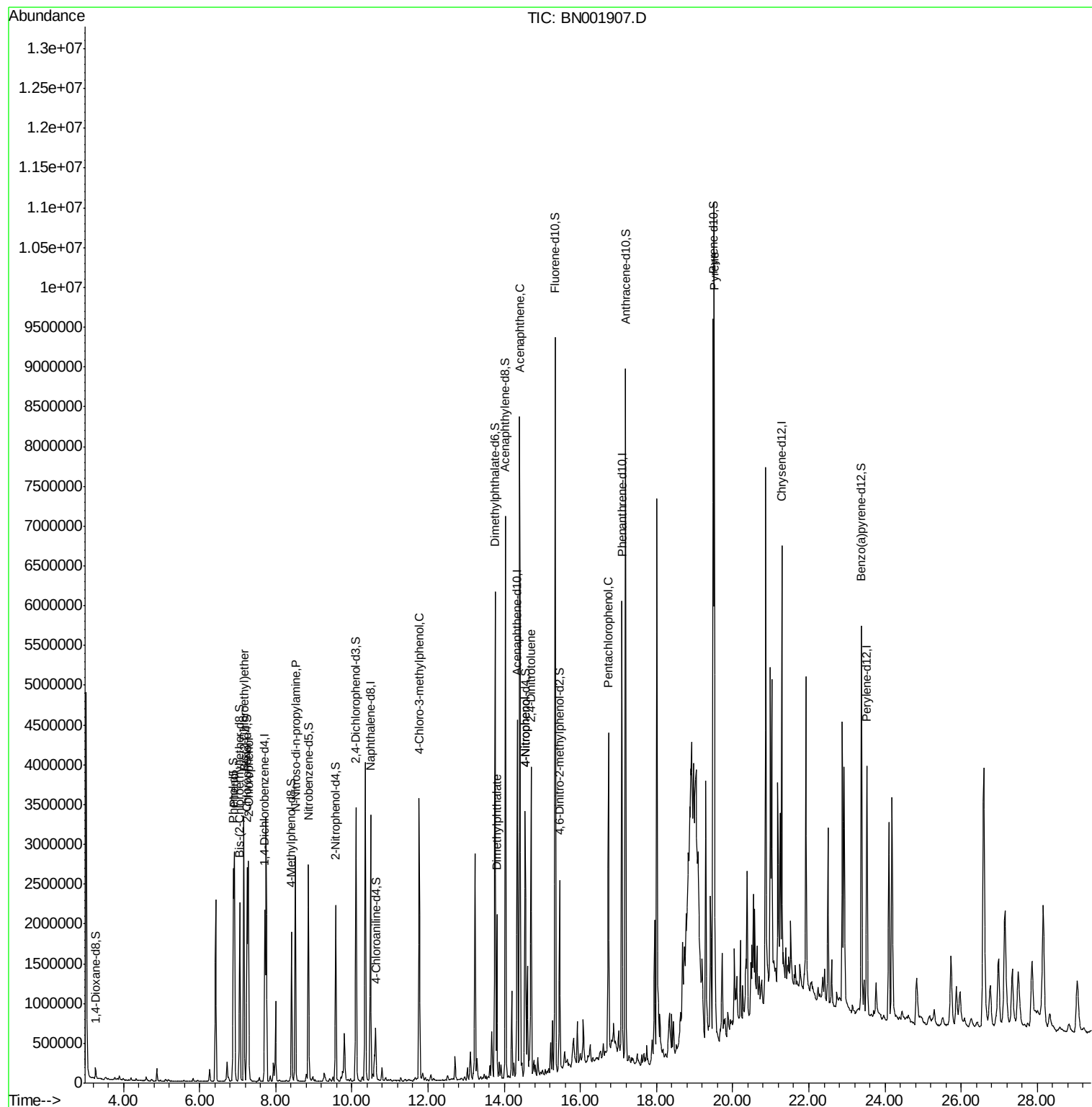
					Ovalue	
6) Phenol	6.92	94	1506450	28.067	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	1275053	30.645	ng/ul#	24
10) 2-Chlorophenol	7.28	128	1172990	27.463	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	1045954	30.975	ng/ul	94
33) 4-Chloro-3-methylphenol	11.77	107	1213596	25.867	ng/ul	95
44) Dimethylphthalate	13.80	163	1280676	9.920	ng/ul	98
49) Acenaphthene	14.40	153	3220767	29.663	ng/ul	98
52) 4-Nitrophenol	14.56	109	404528	22.482	ng/ul#	74
54) 2,4-Dinitrotoluene	14.71	165	1047788	28.910	ng/ul	98
68) Pentachlorophenol	16.74	266	696370	31.458	ng/ul	98
77) Pyrene	19.52	202	5826086	37.742	ng/ul#	86

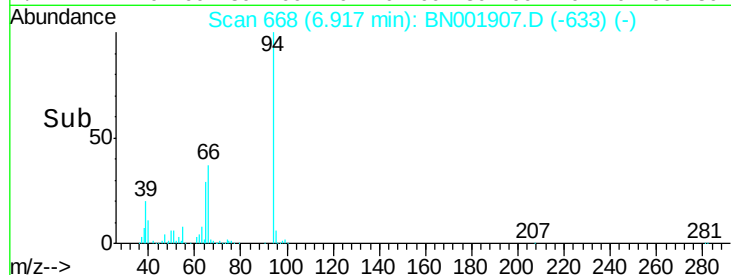
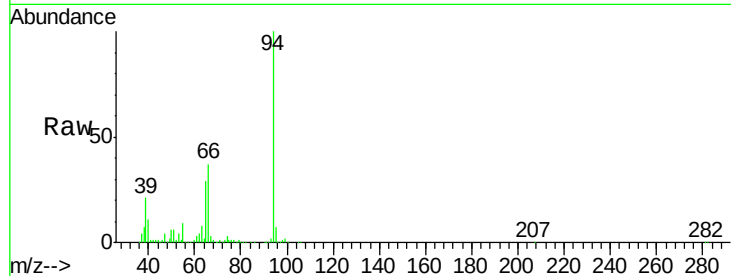
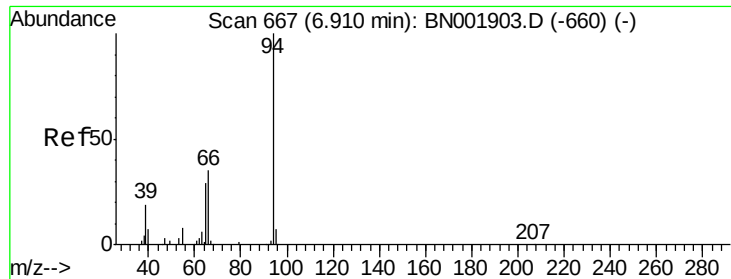
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 28.067 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BN001907.D

Acq: 25 Jun 2018 12:29

Instrument :

BNA_N

ClientSampleId :

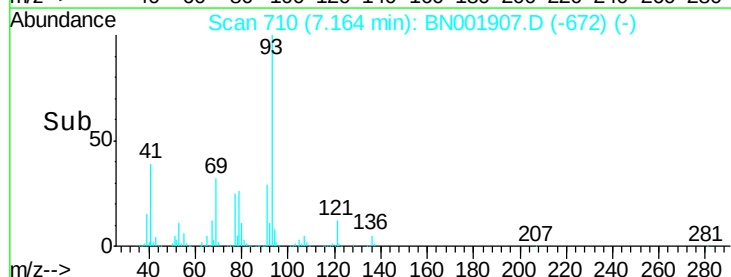
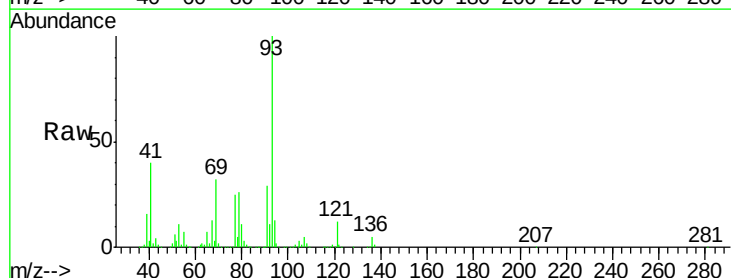
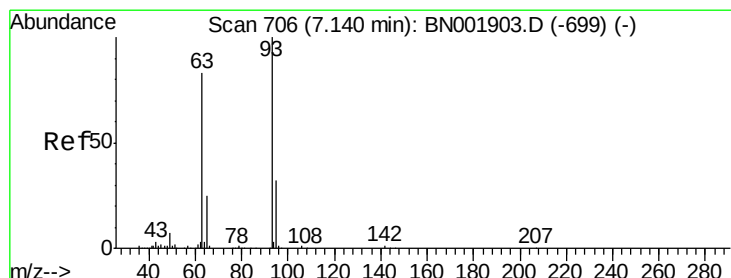
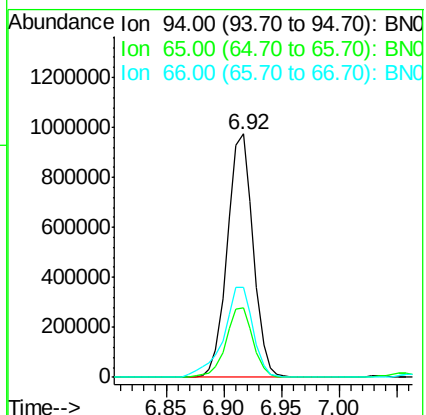
Tot Ion: 94 Resp: 1506450

Ion Ratio Lower Upper

94 100

65 28.7 23.0 34.6

66 36.8 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 30.645 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. 0.02 min

Lab File: BN001907.D

Acq: 25 Jun 2018 12:29

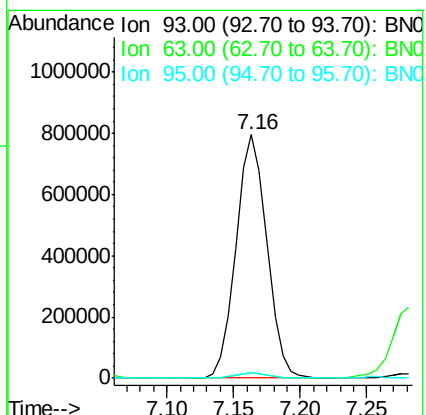
Tgt Ion: 93 Resp: 1275053

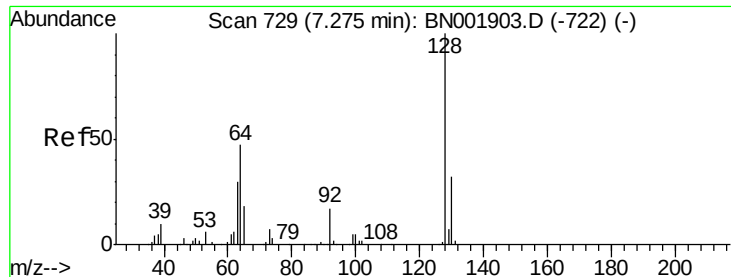
Ion Ratio Lower Upper

93 100

63 2.2 59.4 89.2#

95 2.1 26.4 39.6#

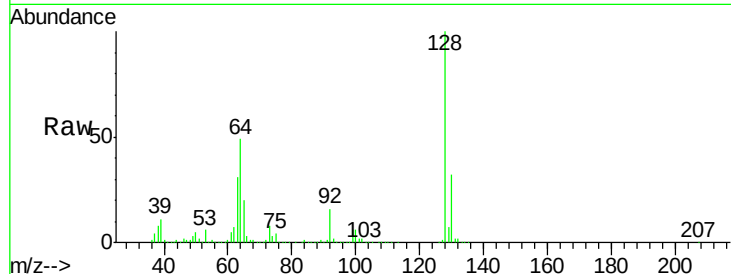




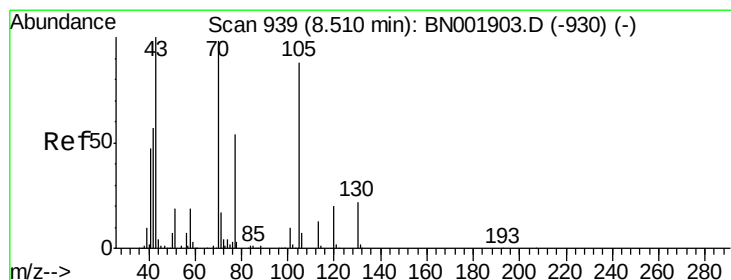
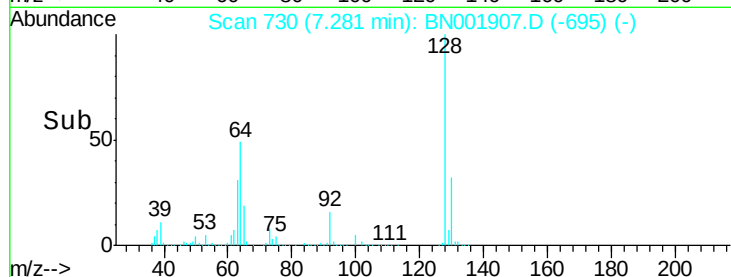
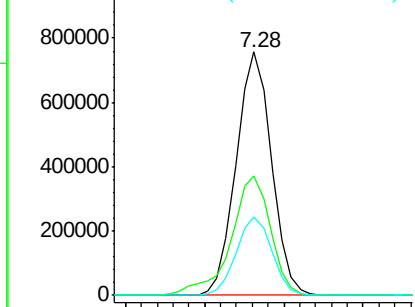
#10
2-Chlorophenol
Concen: 27.463 ng/ul
RT: 7.28 min Scan# 730
Delta R.T. 0.01 min
Lab File: BN001907.D
Acq: 25 Jun 2018 12:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 1172990
Ion Ratio Lower Upper
128 100
64 49.2 39.8 59.6
130 32.2 25.8 38.8

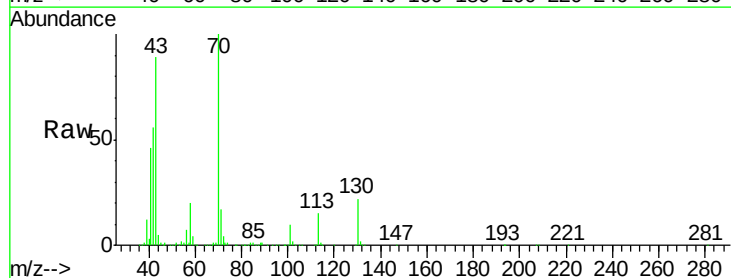


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 130.00 (129.70 to 130.70): E

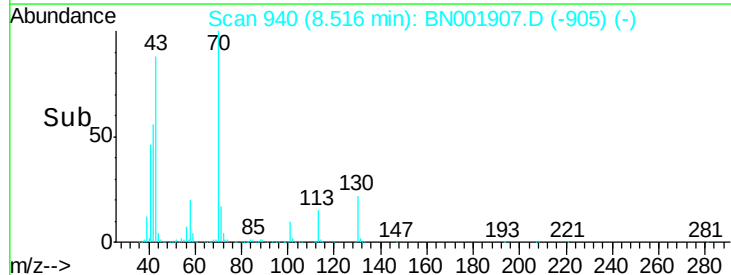
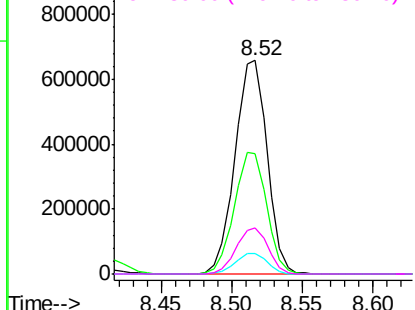


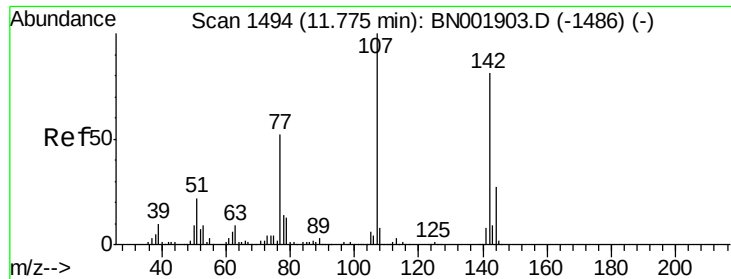
#15
N-Nitroso-di-n-propylamine
Concen: 30.975 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. 0.01 min
Lab File: BN001907.D
Acq: 25 Jun 2018 12:29

Tgt Ion: 70 Resp: 1045954
Ion Ratio Lower Upper
70 100
42 56.2 40.2 60.4
101 9.7 7.7 11.5
130 21.6 17.8 26.6



Abundance Ion 70.00 (69.70 to 70.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

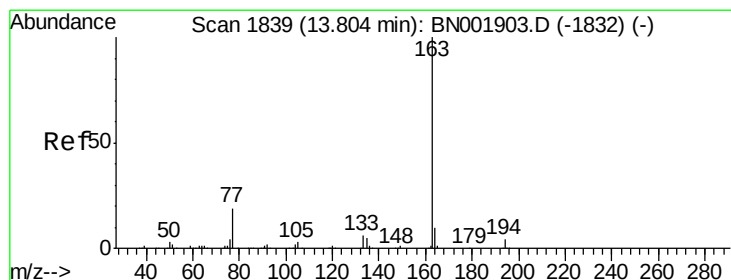
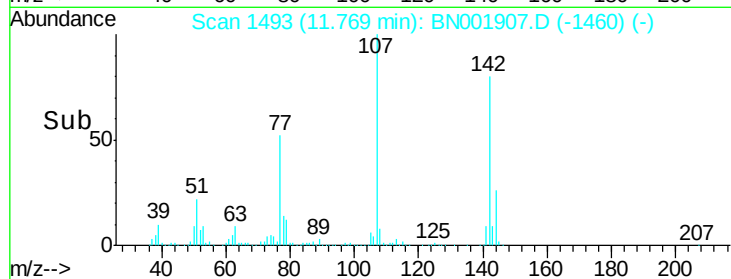
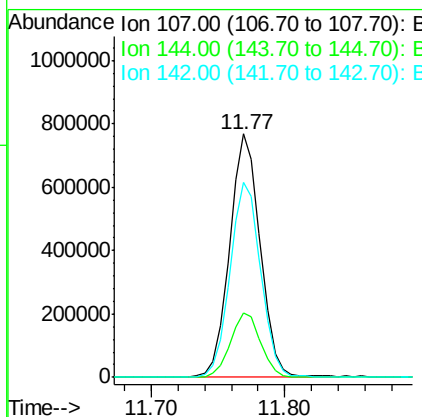
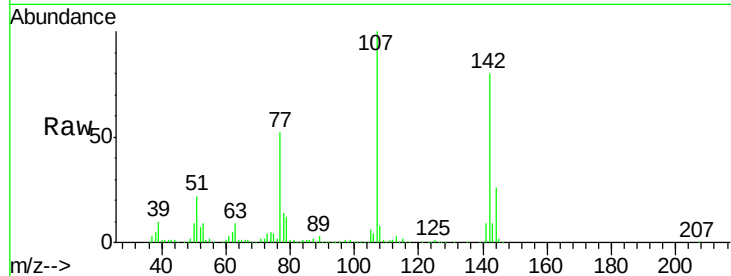




#33
 4-Chloro-3-methylphenol
 Concen: 25.867 ng/ul
 RT: 11.77 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BN001907.D
 Acq: 25 Jun 2018 12:29

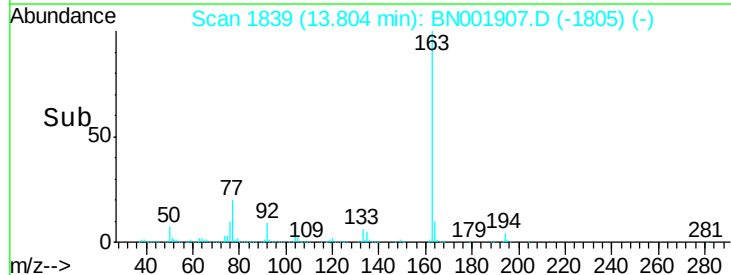
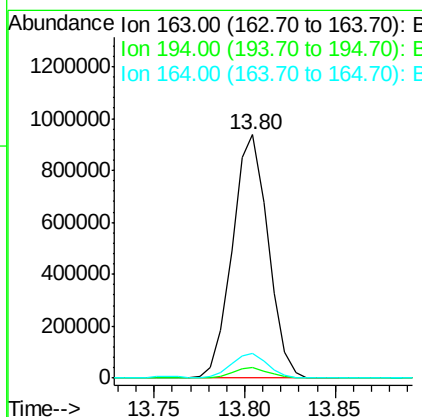
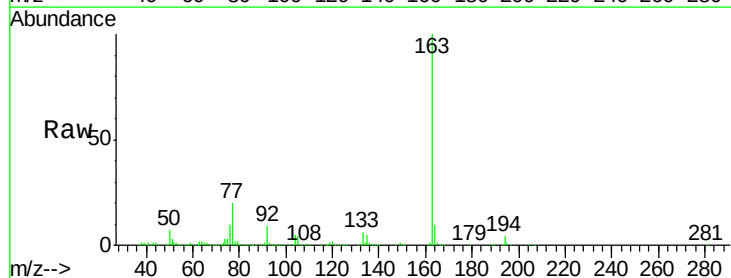
Instrument :
 BNA_N
 ClientSampleId :

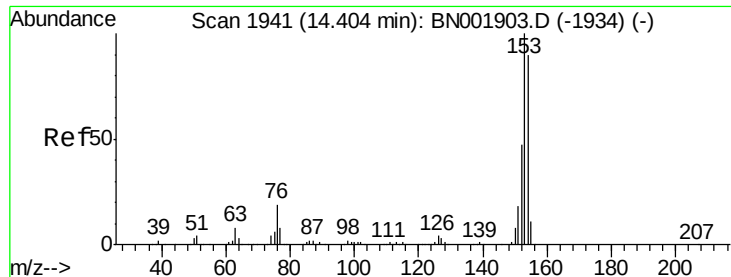
Tot Ion:107 Resp: 1213596
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.1 31.7
 142 80.3 60.1 90.1



#44
 Dimethylphthalate
 Concen: 9.920 ng/ul
 RT: 13.80 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BN001907.D
 Acq: 25 Jun 2018 12:29

Tgt Ion:163 Resp: 1280676
 Ion Ratio Lower Upper
 163 100
 194 4.2 4.0 6.0
 164 10.1 8.4 12.6





#49

Acenaphthene

Concen: 29.663 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BN001907.D

Acq: 25 Jun 2018 12:29

Instrument :

BNA_N

ClientSampleId :

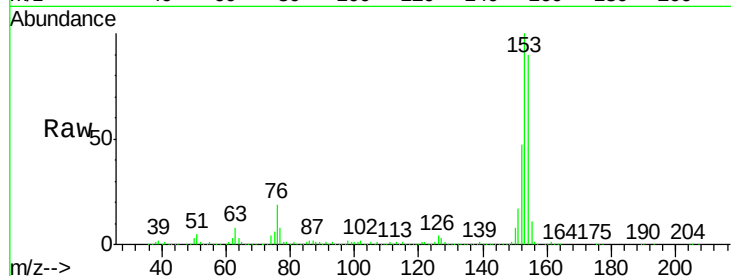
Tot Ion:153 Resp: 3220767

Ion Ratio Lower Upper

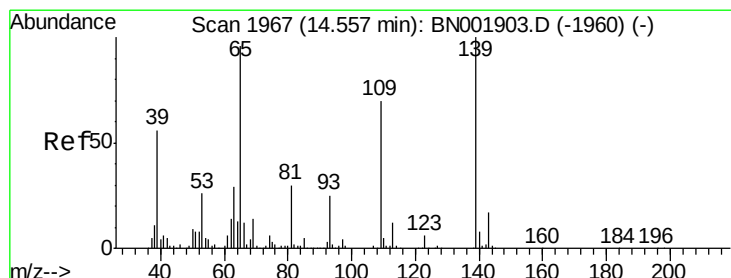
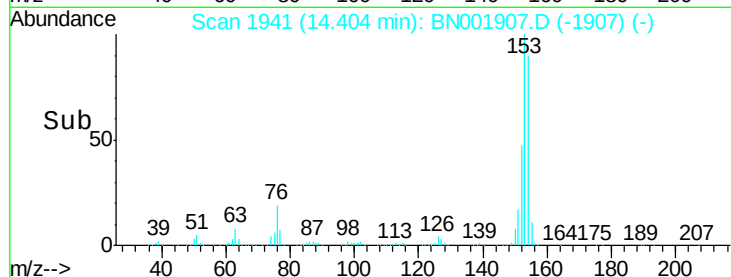
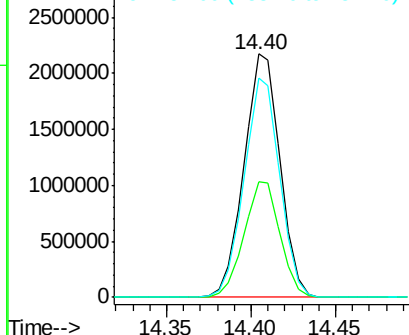
153 100

152 47.3 37.9 56.9

154 90.0 69.8 104.6



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: 22.482 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BN001907.D

Acq: 25 Jun 2018 12:29

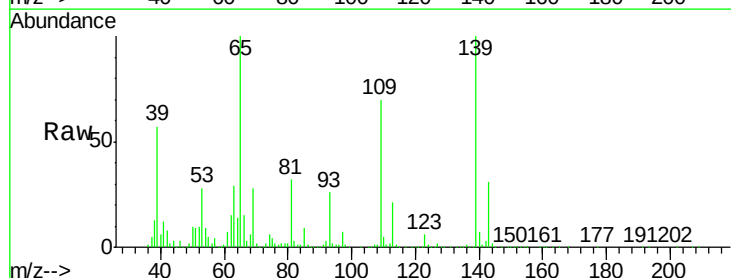
Tgt Ion:109 Resp: 404528

Ion Ratio Lower Upper

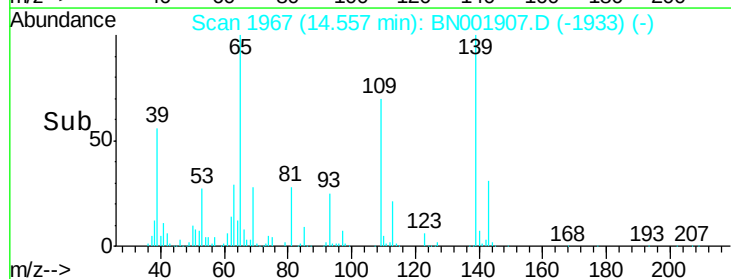
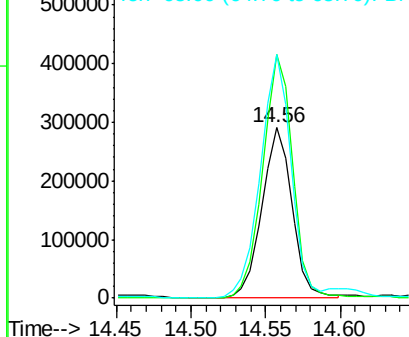
109 100

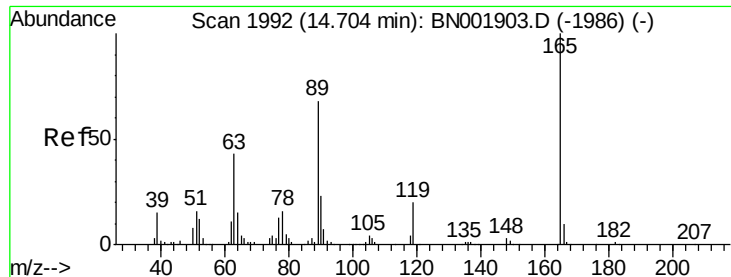
139 142.8 91.2 136.8#

65 142.6 92.6 139.0#



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

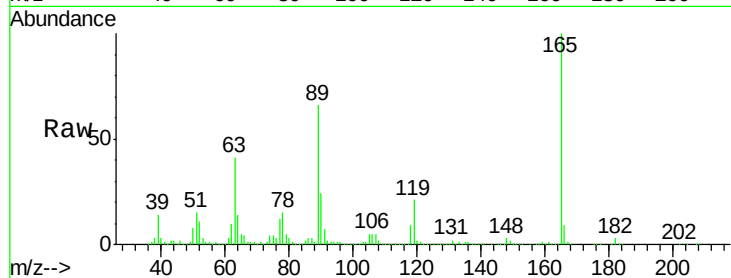




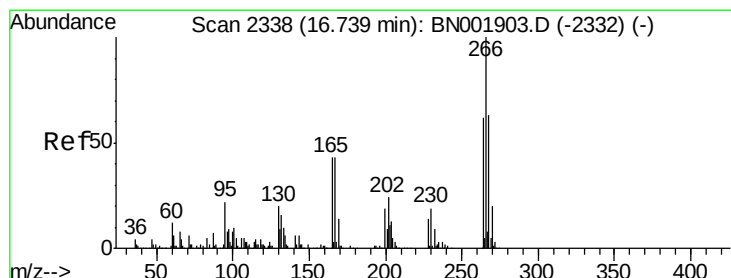
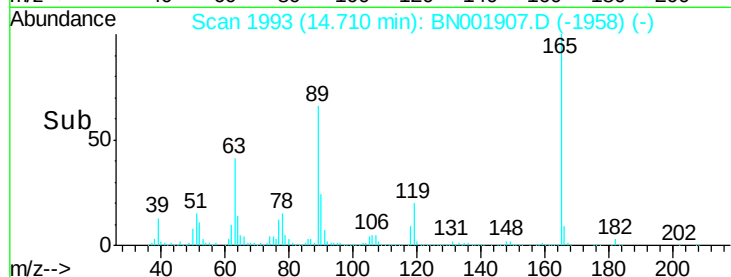
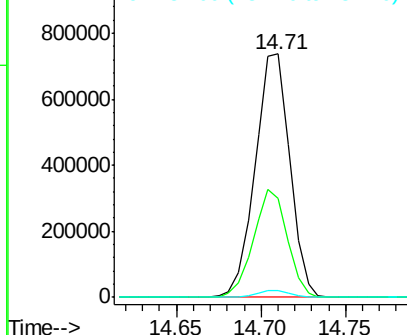
#54
 2,4-Dinitrotoluene
 Concen: 28.910 ng/ul
 RT: 14.71 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: BN001907.D
 Acq: 25 Jun 2018 12:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 1047788
 Ion Ratio Lower Upper
 165 100
 63 40.7 31.4 47.0
 182 2.8 2.7 4.1

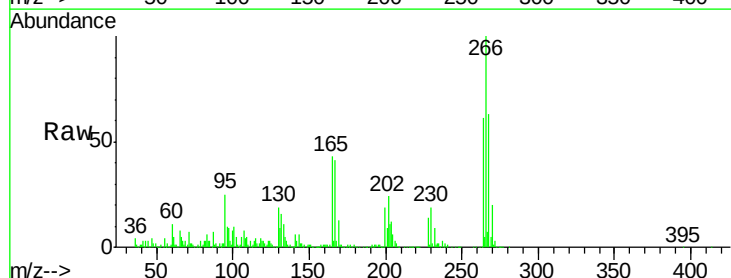


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

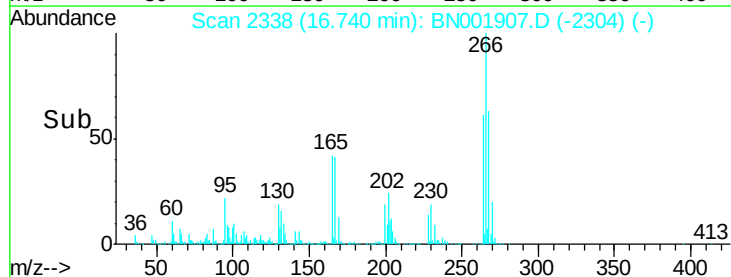
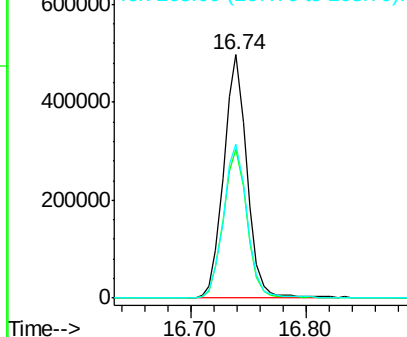


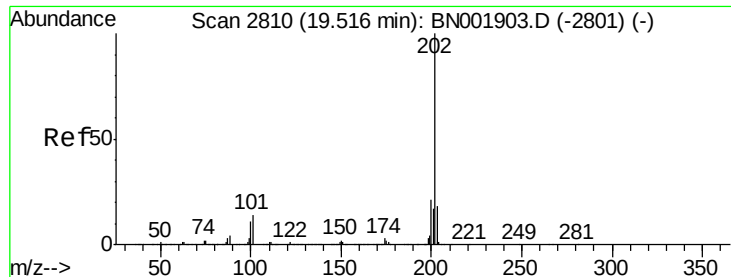
#68
 Pentachlorophenol
 Concen: 31.458 ng/ul
 RT: 16.74 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BN001907.D
 Acq: 25 Jun 2018 12:29

Tgt Ion:266 Resp: 696370
 Ion Ratio Lower Upper
 266 100
 264 61.3 48.2 72.4
 268 63.4 52.3 78.5



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





#77
 Pvrene
 Concen: 37.742 ng/ul
 RT: 19.52 min Scan# 2810
 Delta R.T. 0.00 min
 Lab File: BN001907.D
 Acq: 25 Jun 2018 12:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 5826086
 Ion Ratio Lower Upper
 202 100
 101 13.9 6.9 10.3#
 100 11.3 5.6 8.4#

