

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
 Data File : BN002766.D
 Acq On : 18 Sep 2018 23:16
 Operator : JU/SJ
 Sample : J4900-17MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 02:10:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 01:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	150846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	634902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	340816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	685670	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	605702	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	616656	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17889	5.47	ng/uL	0.00
5) Phenol-d5	6.83	99	129527	10.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	308639	38.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	342514	32.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	220881	22.26	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	199155	40.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	226171	40.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	358264	35.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	627	0.05	ng/ul	0.07
43) Dimethylphthalate-d6	13.70	166	1139419	42.71	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1423407	40.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	34109	7.73	ng/ul	0.00
57) Fluorene-d10	15.28	176	965680	41.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	165883	38.68	ng/ul	0.00
70) Anthracene-d10	17.13	188	1419571	43.36	ng/ul	0.00
78) Pyrene-d10	19.43	212	1419933	44.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1439567	44.35	ng/ul	0.00

Target Compounds

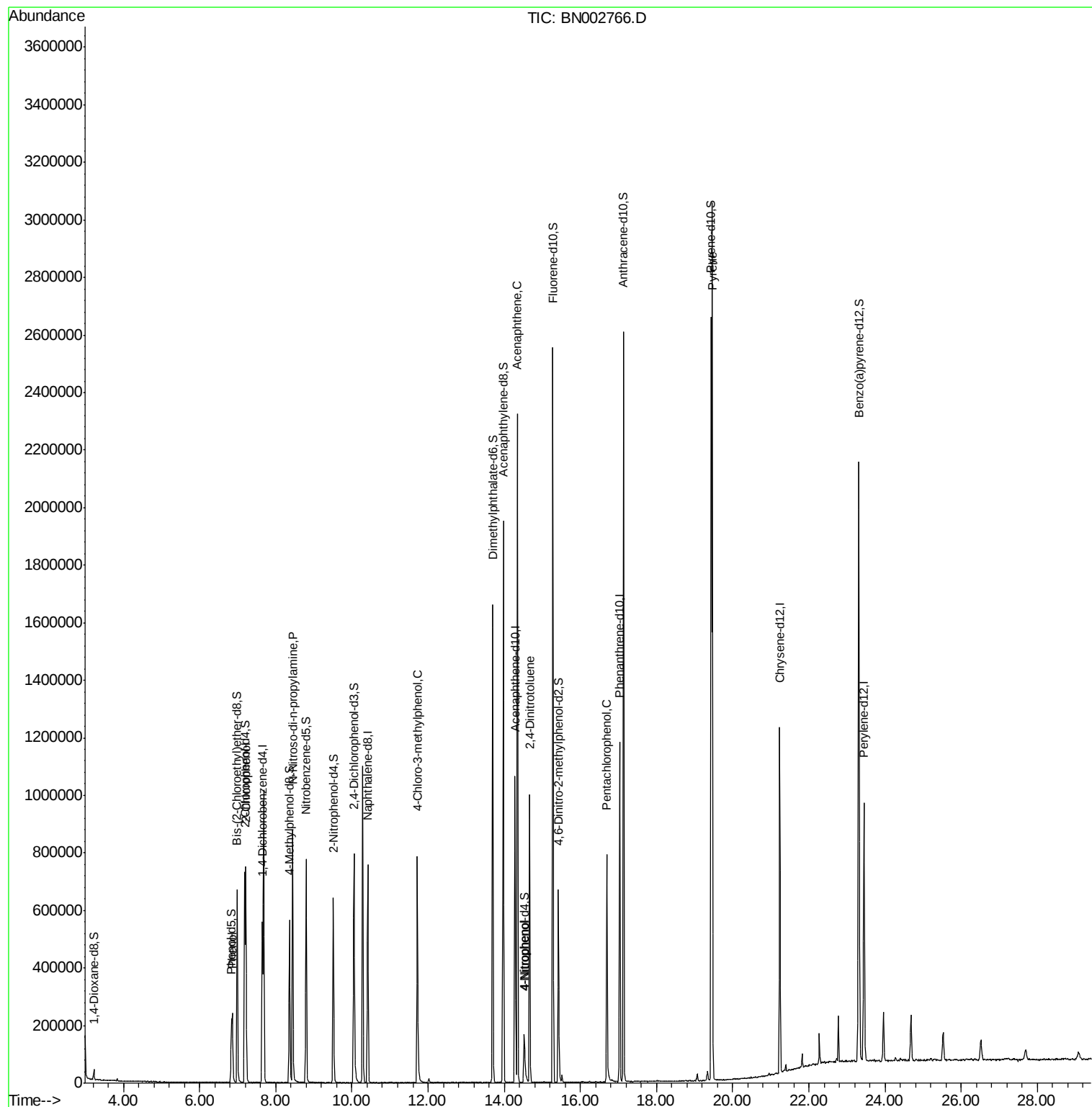
					Ovalue
6) Phenol	6.86	94	132786	10.280	ng/ul 99
10) 2-Chlorophenol	7.22	128	330483	31.585	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.45	70	311972	40.614	ng/ul 96
33) 4-Chloro-3-methylphenol	11.72	107	326699	32.858	ng/ul 99
49) Acenaphthene	14.35	153	916696	39.543	ng/ul 100
52) 4-Nitrophenol	14.53	109	25214	8.215	ng/ul 91
54) 2,4-Dinitrotoluene	14.67	165	310179	41.797	ng/ul 90
68) Pentachlorophenol	16.69	266	158131	41.343	ng/ul 98
79) Pvrene	19.46	202	1756674	43.864	ng/ul 97

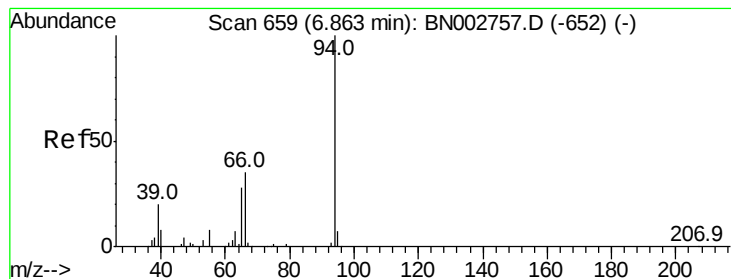
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:57:24 2018
Response via : Initial Calibration





#6

Phenol

Concen: 10.280 ng/ul

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BN002766.D

Acq: 18 Sep 2018 23:16

Instrument :

BNA_N

ClientSampled :

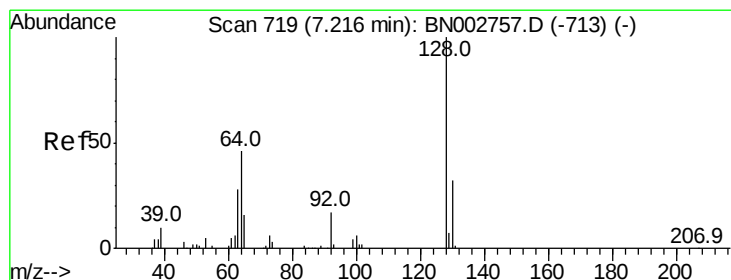
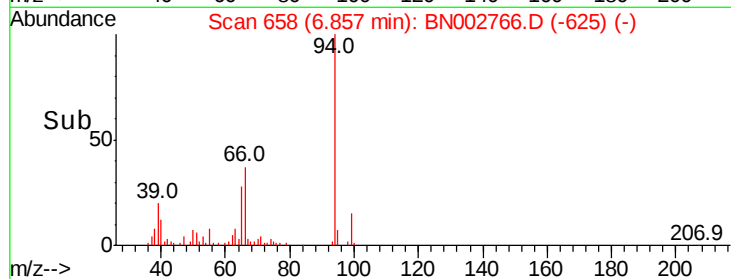
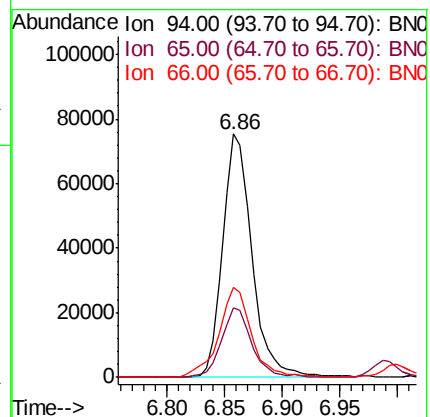
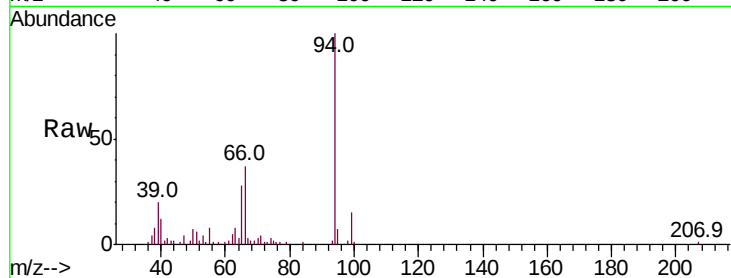
Tot Ion: 94 Resp: 132786

Ion Ratio Lower Upper

94 100

65 28.3 23.1 34.7

66 36.7 29.8 44.6



#10

2-Chlorophenol

Concen: 31.585 ng/ul

RT: 7.22 min Scan# 719

Delta R.T. 0.00 min

Lab File: BN002766.D

Acq: 18 Sep 2018 23:16

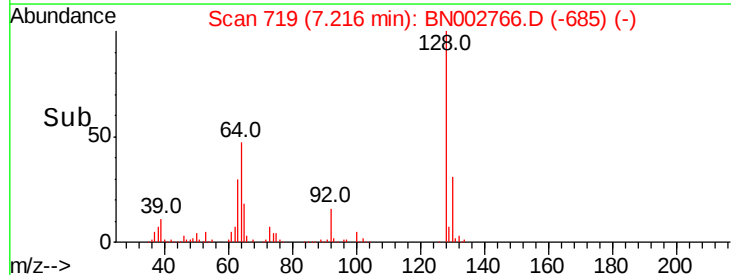
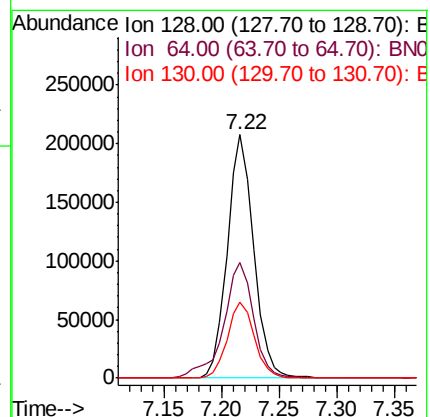
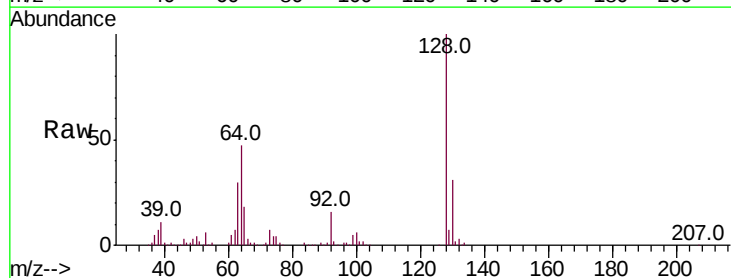
Tgt Ion:128 Resp: 330483

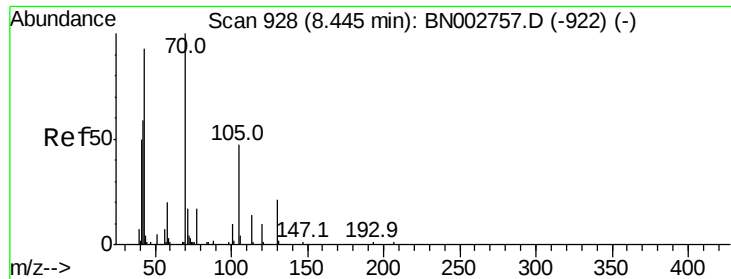
Ion Ratio Lower Upper

128 100

64 47.5 40.4 60.6

130 31.1 26.8 40.2

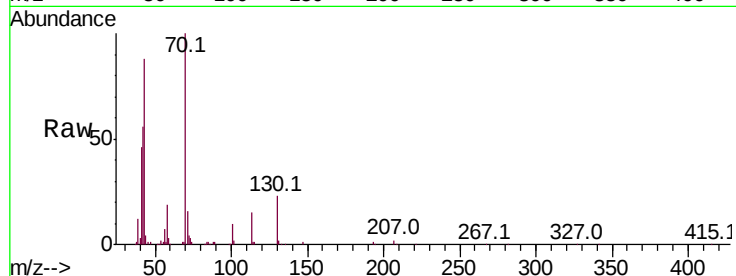




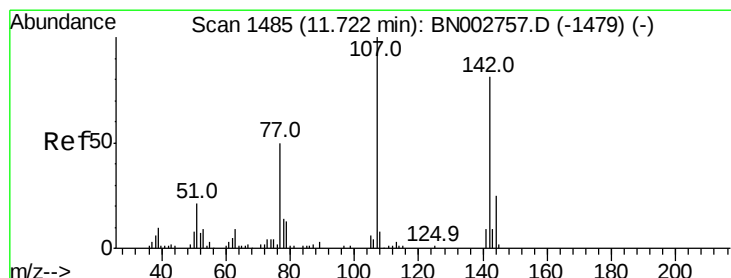
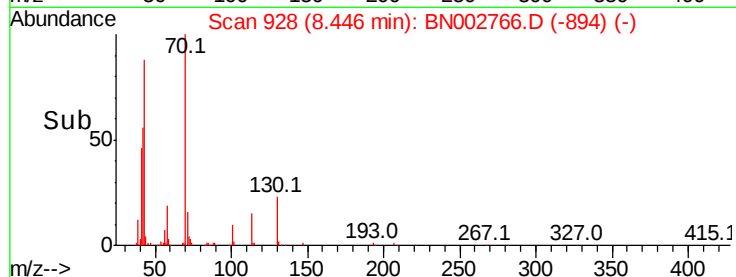
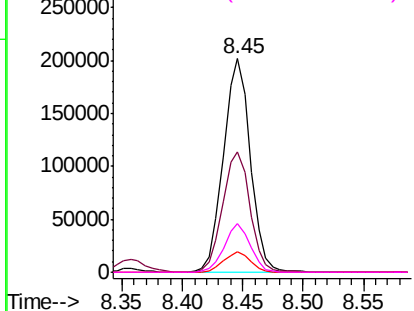
#15
 N-Nitroso-di-n-propylamine
 Concen: 40.614 ng/ul
 RT: 8.45 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BN002766.D
 Acq: 18 Sep 2018 23:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	70	Resp:	311972
Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.7	71.5
101	9.8	8.0	12.0
130	22.8	16.0	24.0

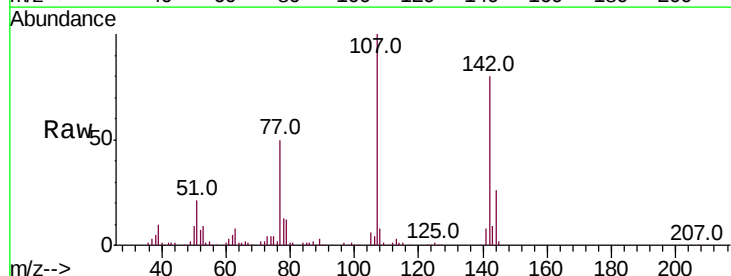


Abundance Ion 70.00 (69.70 to 70.70): BN0
 Ion 42.00 (41.70 to 42.70): BN0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

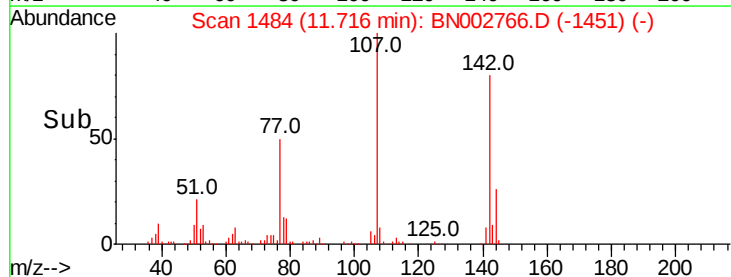
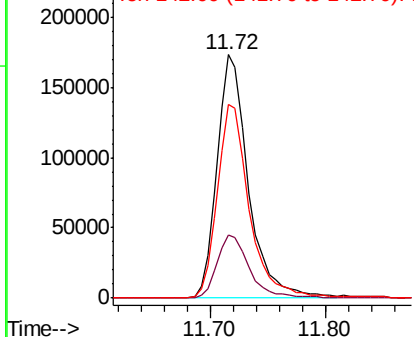


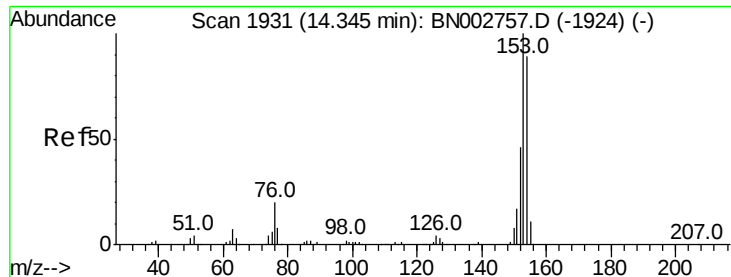
#33
 4-Chloro-3-methylphenol
 Concen: 32.858 ng/ul
 RT: 11.72 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BN002766.D
 Acq: 18 Sep 2018 23:16

Tgt Ion:	107	Resp:	326699
Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.2	30.4
142	79.8	62.9	94.3



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: 39.543 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN002766.D

Acq: 18 Sep 2018 23:16

Instrument :

BNA_N

ClientSampleId :

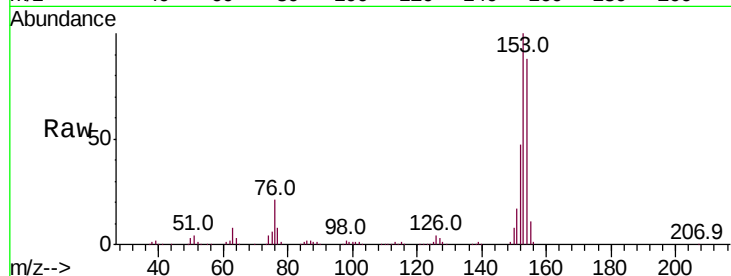
Tot Ion:153 Resp: 916696

Ion Ratio Lower Upper

153 100

152 46.9 37.8 56.6

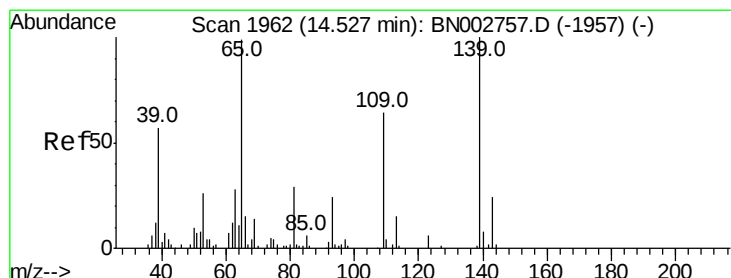
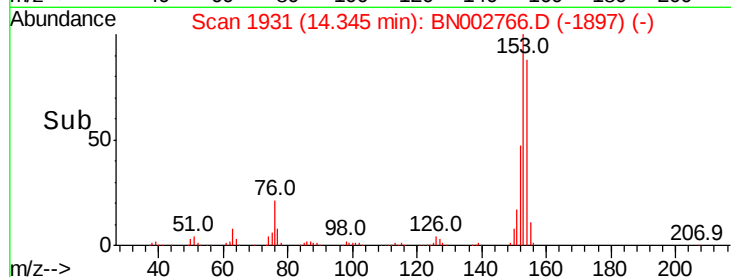
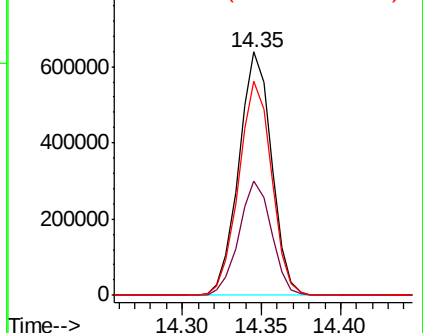
154 88.1 70.9 106.3



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: 8.215 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BN002766.D

Acq: 18 Sep 2018 23:16

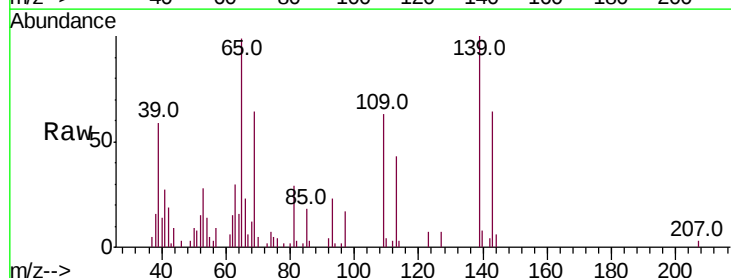
Tgt Ion:109 Resp: 25214

Ion Ratio Lower Upper

109 100

139 157.9 116.5 174.7

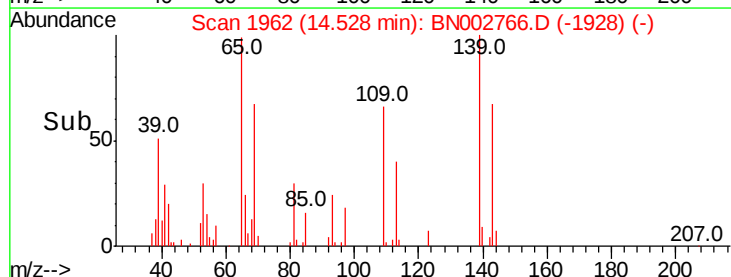
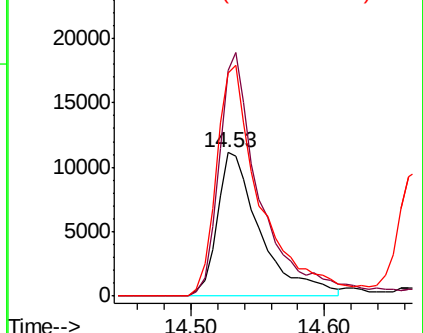
65 155.7 116.7 175.1

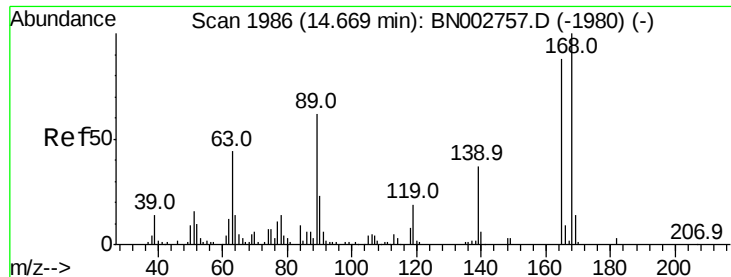


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

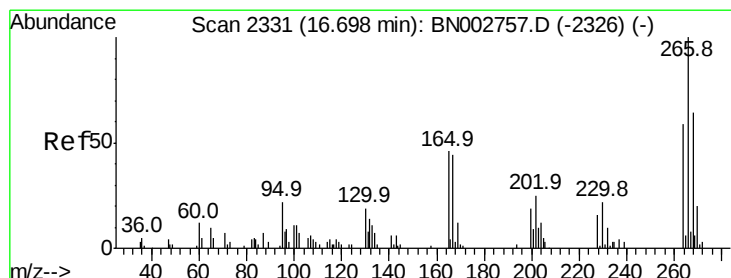
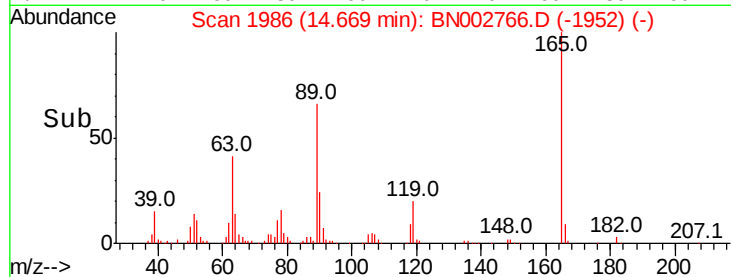
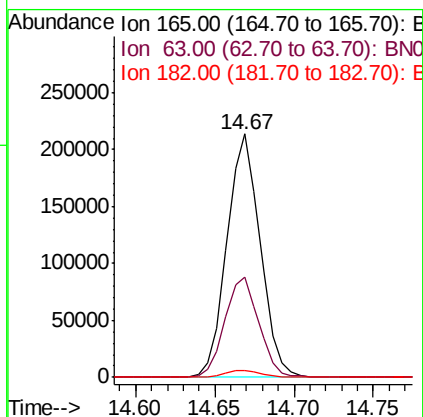
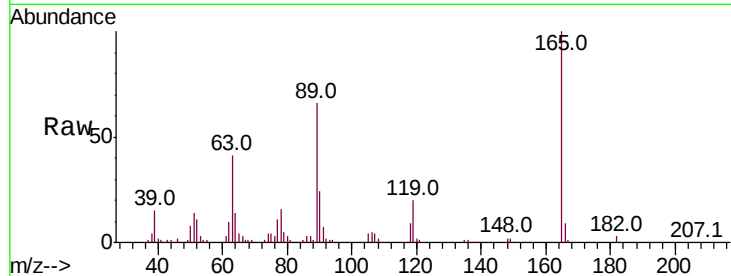




#54
 2,4-Dinitrotoluene
 Concen: 41.797 ng/ul
 RT: 14.67 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BN002766.D
 Acq: 18 Sep 2018 23:16

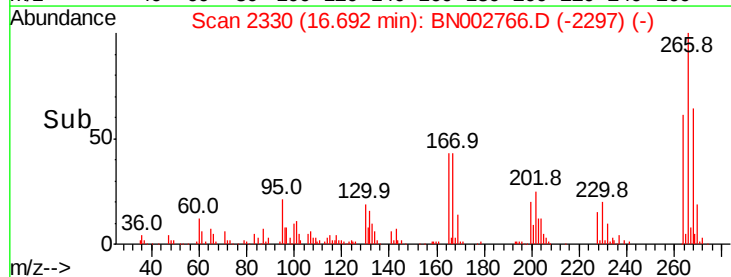
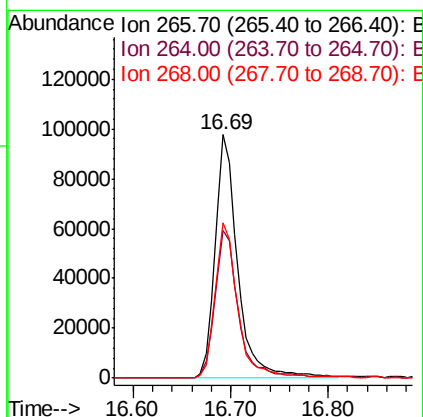
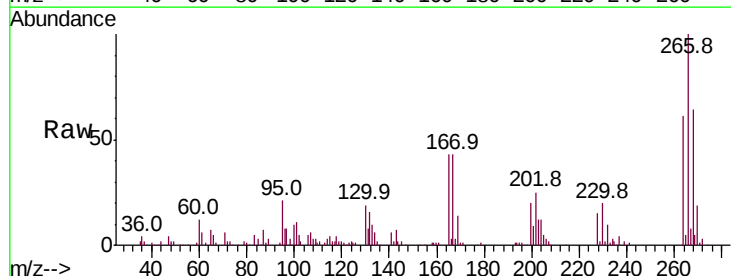
Instrument :
 BNA_N
 ClientSampled :

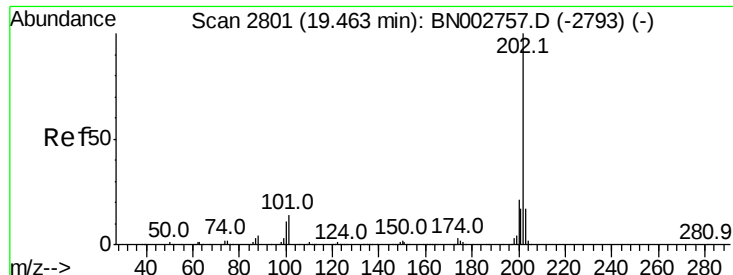
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	39.0	58.6
182	2.9	2.4	3.6



#68
 Pentachlorophenol
 Concen: 41.343 ng/ul
 RT: 16.69 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BN002766.D
 Acq: 18 Sep 2018 23:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.9	74.9
268	64.0	52.6	79.0





#79

Pvrene

Concen: 43.864 ng/ul

RT: 19.46 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BN002766.D

Acq: 18 Sep 2018 23:16

Instrument :

BNA_N

ClientSampleId :

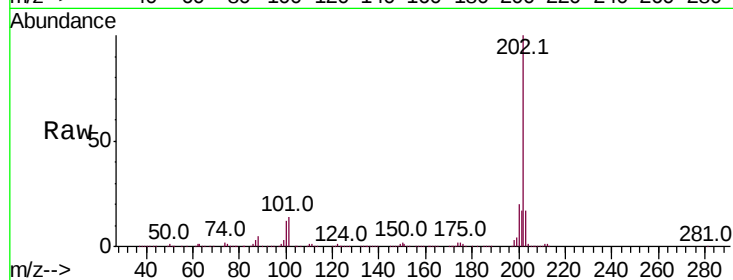
Tot Ion:202 Resp: 1756674

Ion Ratio Lower Upper

202 100

101 14.3 10.8 16.2

100 11.9 8.2 12.2



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

