

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 :
 A3ZE1MS

Manual Integrations
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Quant Time: Sep 19 03:46:17 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	36937m	8.37	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

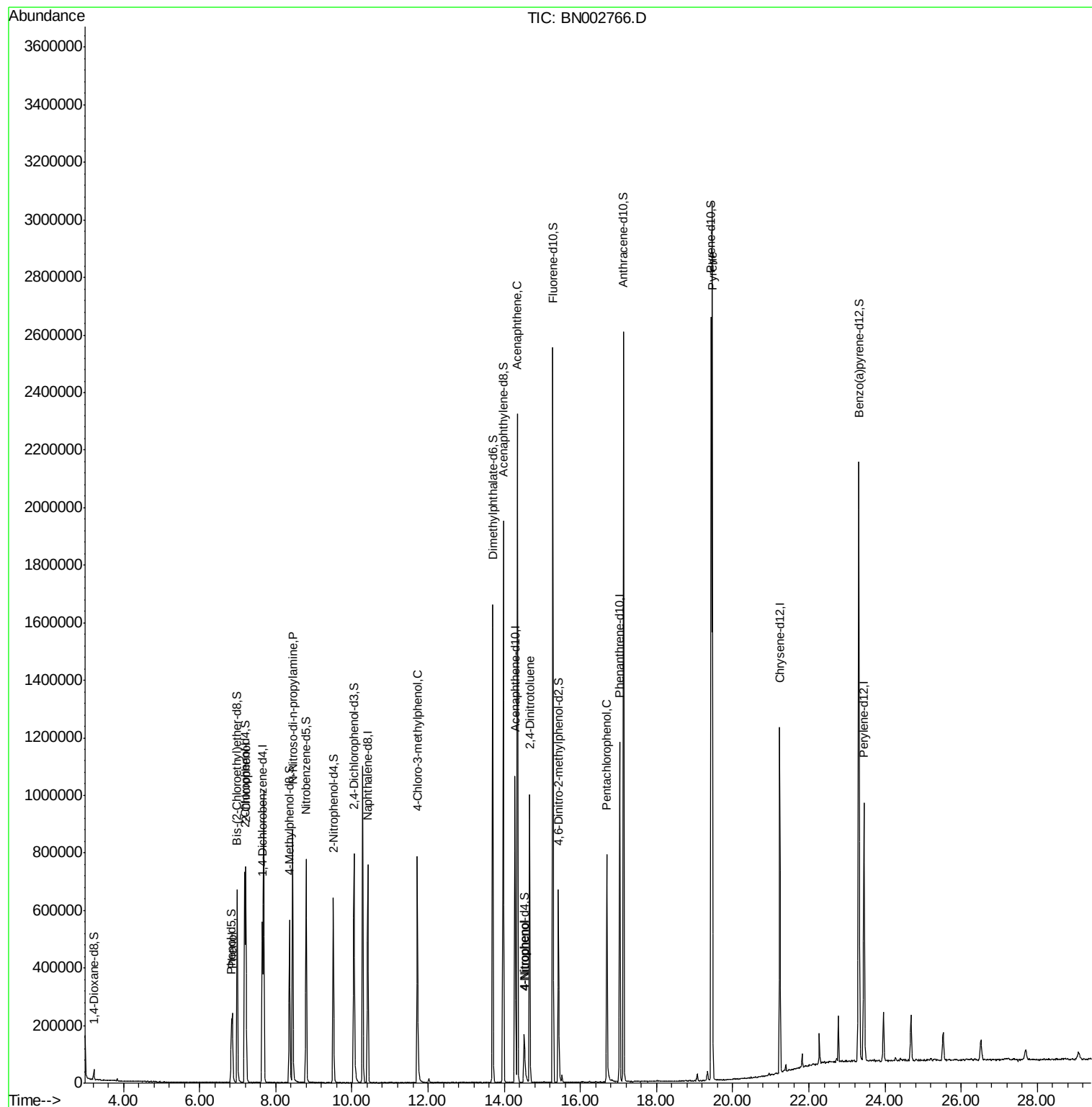
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091818\
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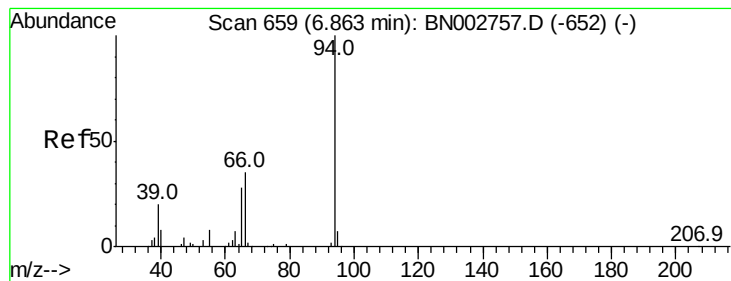
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:57:24 2018
Response via : Initial Calibration





#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

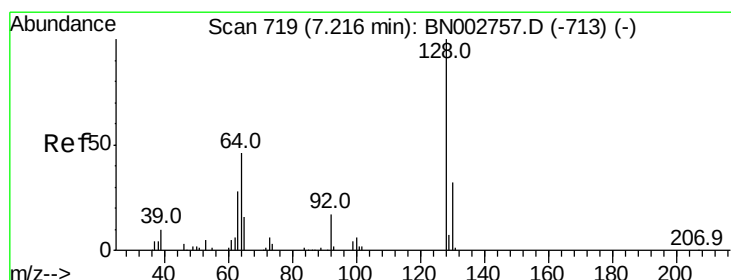
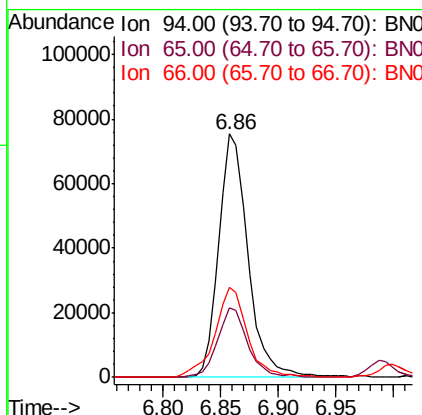
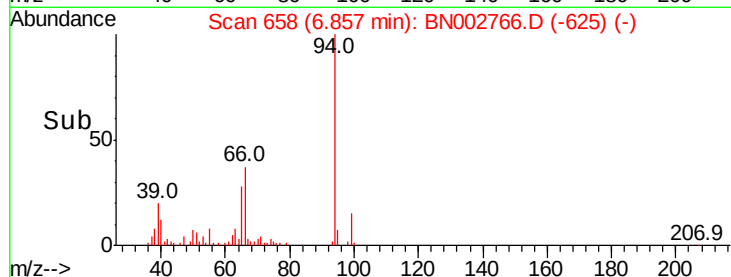
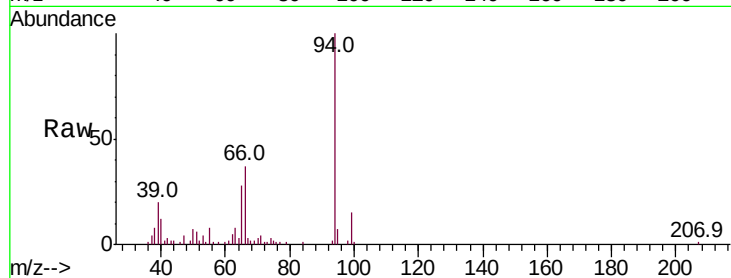
ClientSampleId :

A3ZE1MS

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

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#10

2-Chlorophenol

Concen: 31.585 ng/ul

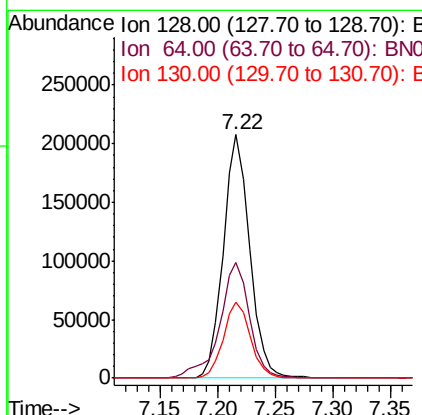
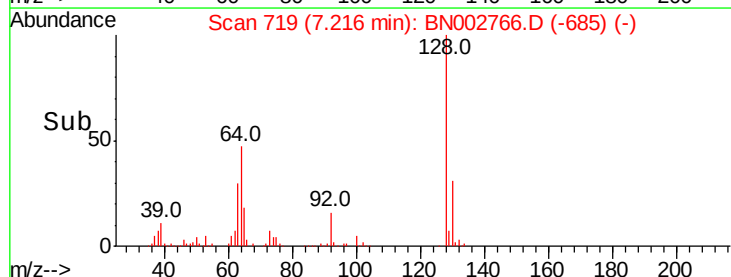
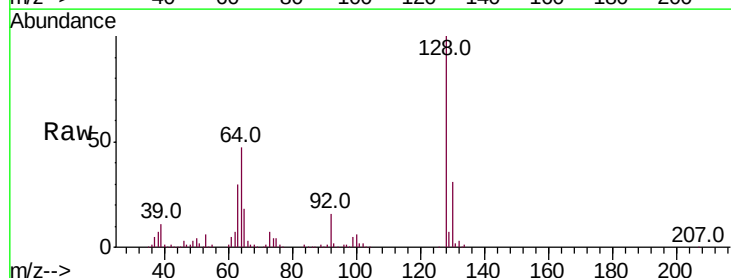
RT: 7.22 min Scan# 719

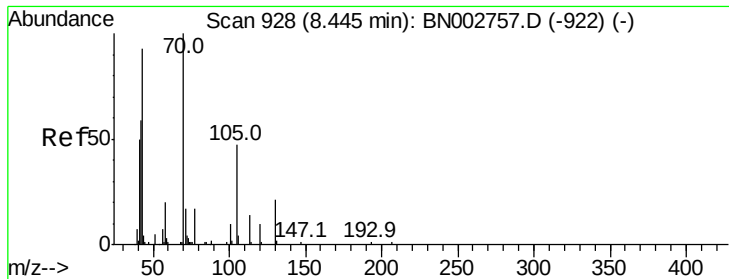
Delta R.T. 0.00 min

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 :

A3ZE1MS

Tot Ion: 70 Resp: 311972

Ion Ratio Lower Upper

70 100

42 56.2 47.7 71.5

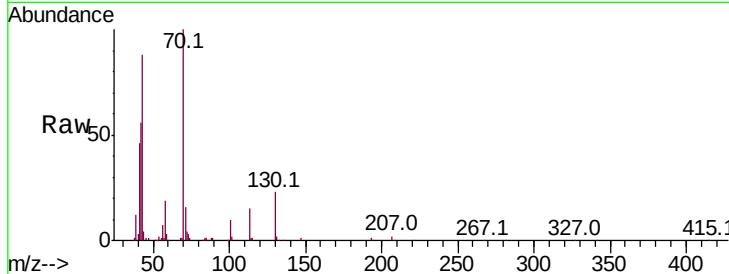
101 9.8 8.0 12.0

130 22.8 16.0 24.0

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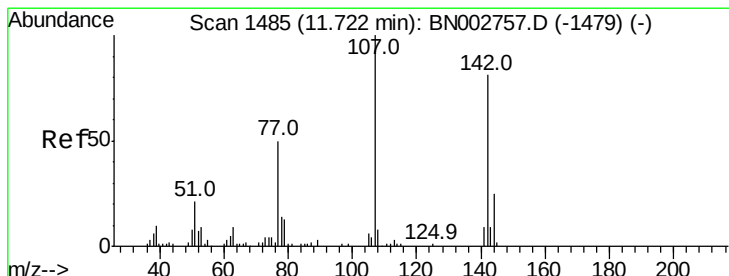
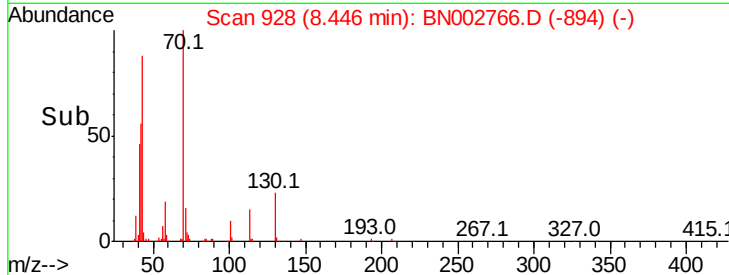
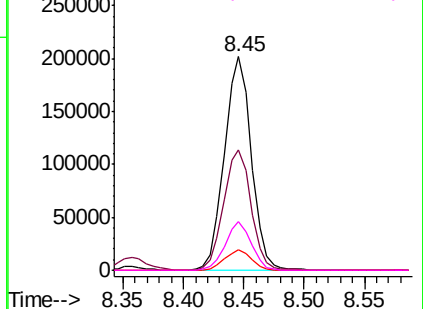
Abundance

Ion 70.00 (69.70 to 70.70): BN002757.D (-922) (-)

Ion 42.00 (41.70 to 42.70): BN002757.D (-922) (-)

Ion 101.00 (100.70 to 101.70): BN002757.D (-922) (-)

Ion 130.00 (129.70 to 130.70): BN002757.D (-922) (-)



#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

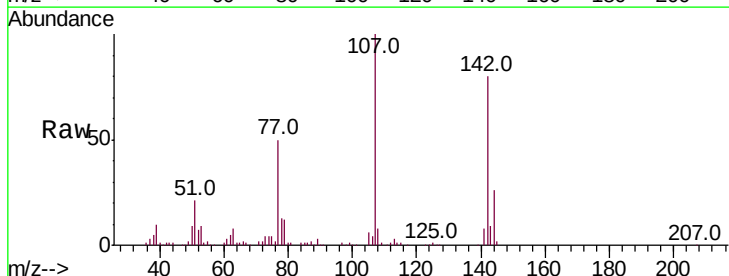
Tgt Ion: 107 Resp: 326699

Ion Ratio Lower Upper

107 100

144 25.9 20.2 30.4

142 79.8 62.9 94.3

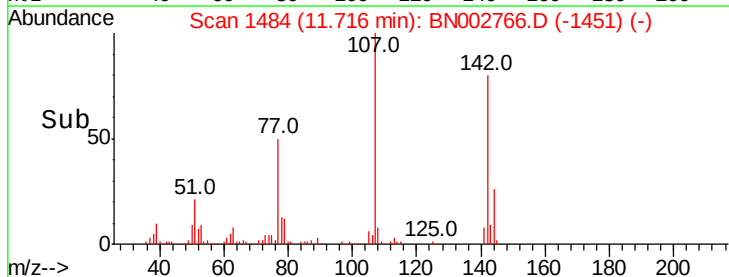
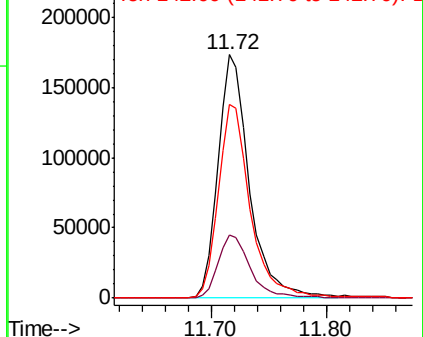


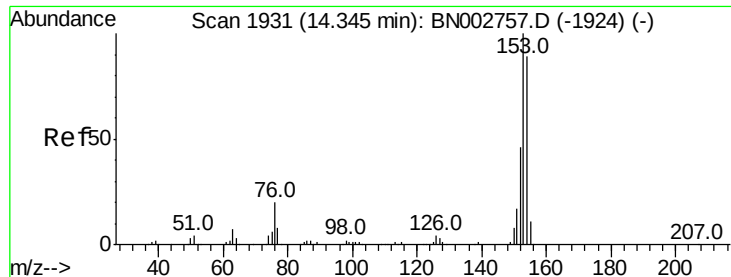
Abundance

Ion 107.00 (106.70 to 107.70): BN002757.D (-1479) (-)

Ion 144.00 (143.70 to 144.70): BN002757.D (-1479) (-)

Ion 142.00 (141.70 to 142.70): BN002757.D (-1479) (-)





#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 :

A3ZE1MS

Tot Ion:153 Resp: 916696

Ion Ratio Lower Upper

153 100

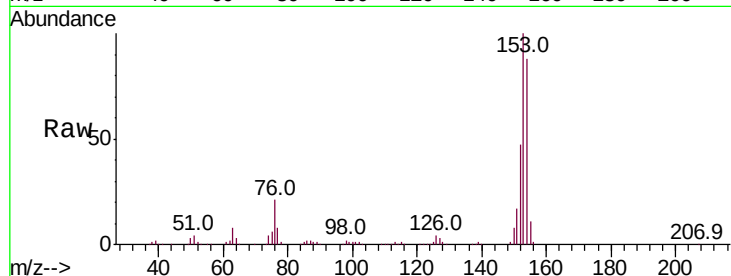
152 46.9 37.8 56.6

154 88.1 70.9 106.3

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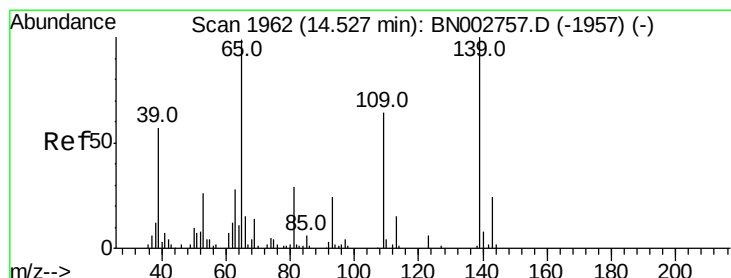
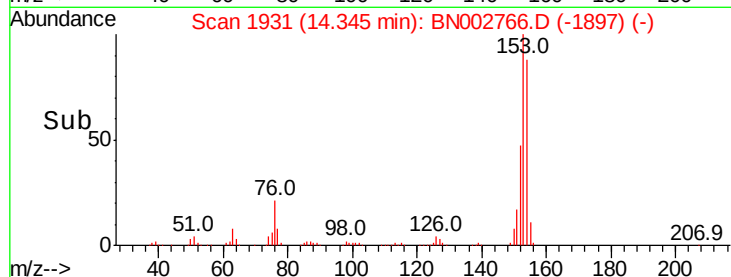
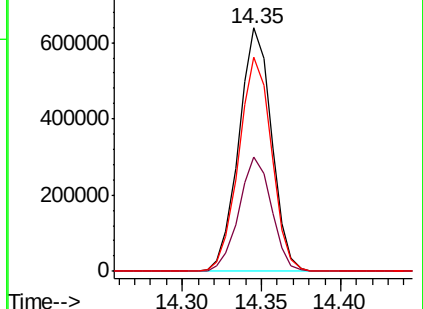
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Abundance Ion 153.00 (152.70 to 153.70): E

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

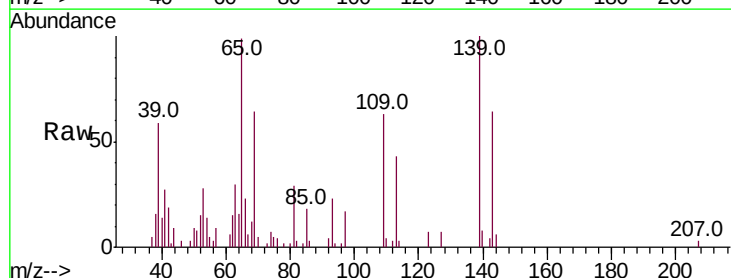
Tgt Ion:109 Resp: 25214

Ion Ratio Lower Upper

109 100

139 157.9 116.5 174.7

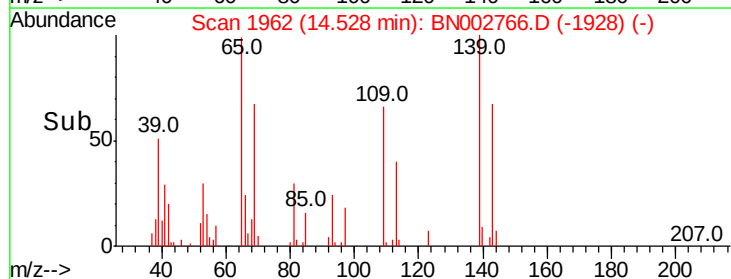
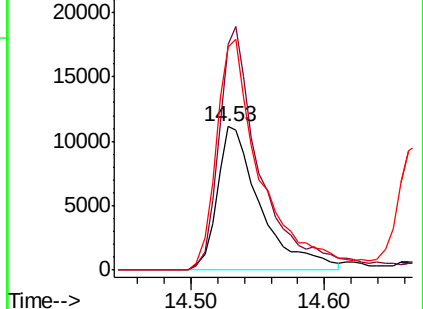
65 155.7 116.7 175.1

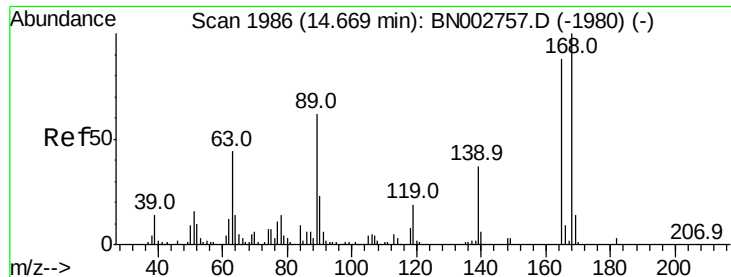


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





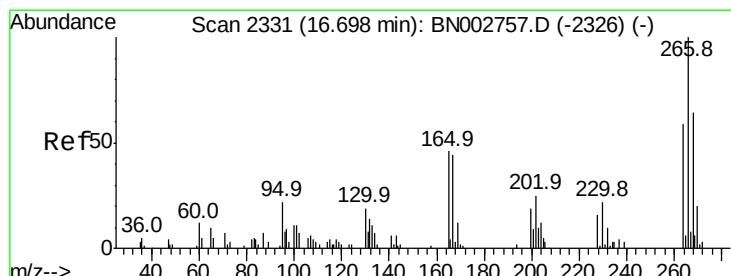
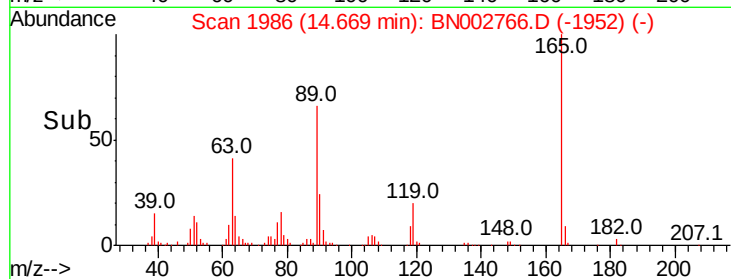
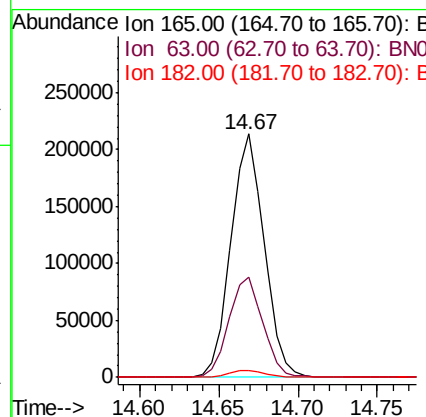
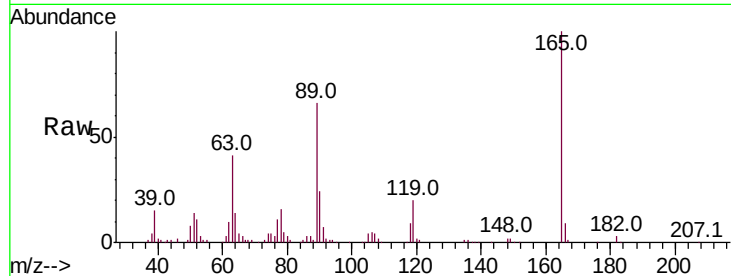
#54
 2,4-Dinitrotoluene
 Concen: 41.797 ng/ul
 RT: 14.67 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BN002766.D
 Acq: 18 Sep 2018 23:16

Instrument :
 BNA_N
 ClientSampled :
 A3ZE1MS

Tot Ion:	165	Resp:	310179
Ion Ratio	Lower	Upper	
165	100		
63	41.4	39.0	58.6
182	2.9	2.4	3.6

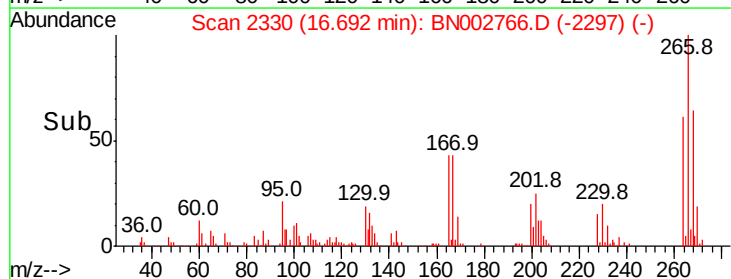
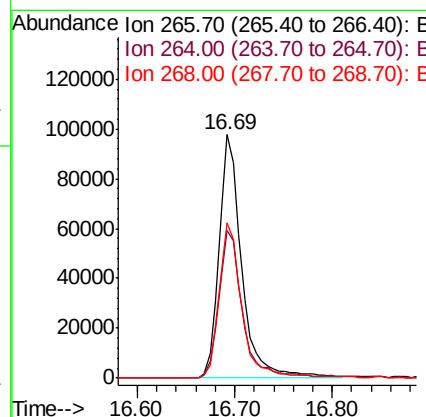
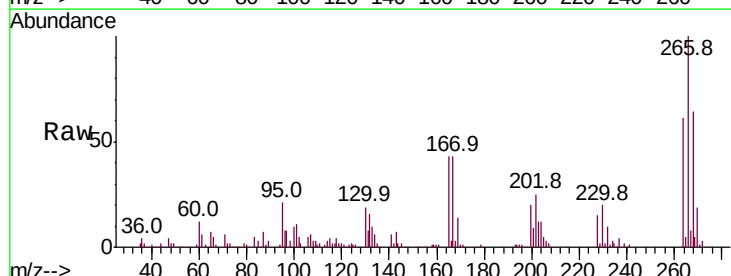
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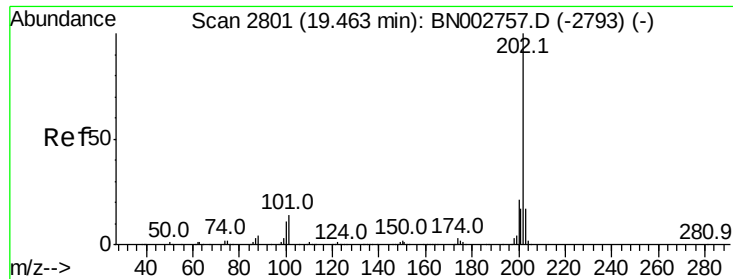
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#68
 Pentachlorophenol
 Concen: 41.343 ng/ul
 RT: 16.69 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BN002766.D
 Acq: 18 Sep 2018 23:16

Tgt Ion:	266	Resp:	158131
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 :
 A3ZE1MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.8	16.2
100	11.9	8.2	12.2

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