

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
 Data File : BN006131.D
 Acq On : 06 Jun 2019 10:10
 Operator : JU/SJ
 Sample : K3016-12MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C9MSD

Quant Time: Jun 06 11:14:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 07:51:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	293232	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1283559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	709973	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1506744	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1374501	20.00	ng/ul	0.01
85) Perylene-d12	23.53	264	1537665	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	35703	5.27	ng/uL	0.00
5) Phenol-d5	6.82	99	613820	26.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	397585	29.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	495395	26.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	460836	25.39	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	241384	26.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	262790	25.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	448352	24.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	554956	25.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1426373	28.32	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1759515	26.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	182587	20.53	ng/ul	0.00
57) Fluorene-d10	15.30	176	1200013	28.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	132977	15.77	ng/ul	0.00
70) Anthracene-d10	17.15	188	1834107	28.53	ng/ul	0.00
78) Pyrene-d10	19.46	212	1928896	29.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1817426	26.54	ng/ul	0.03

Target Compounds

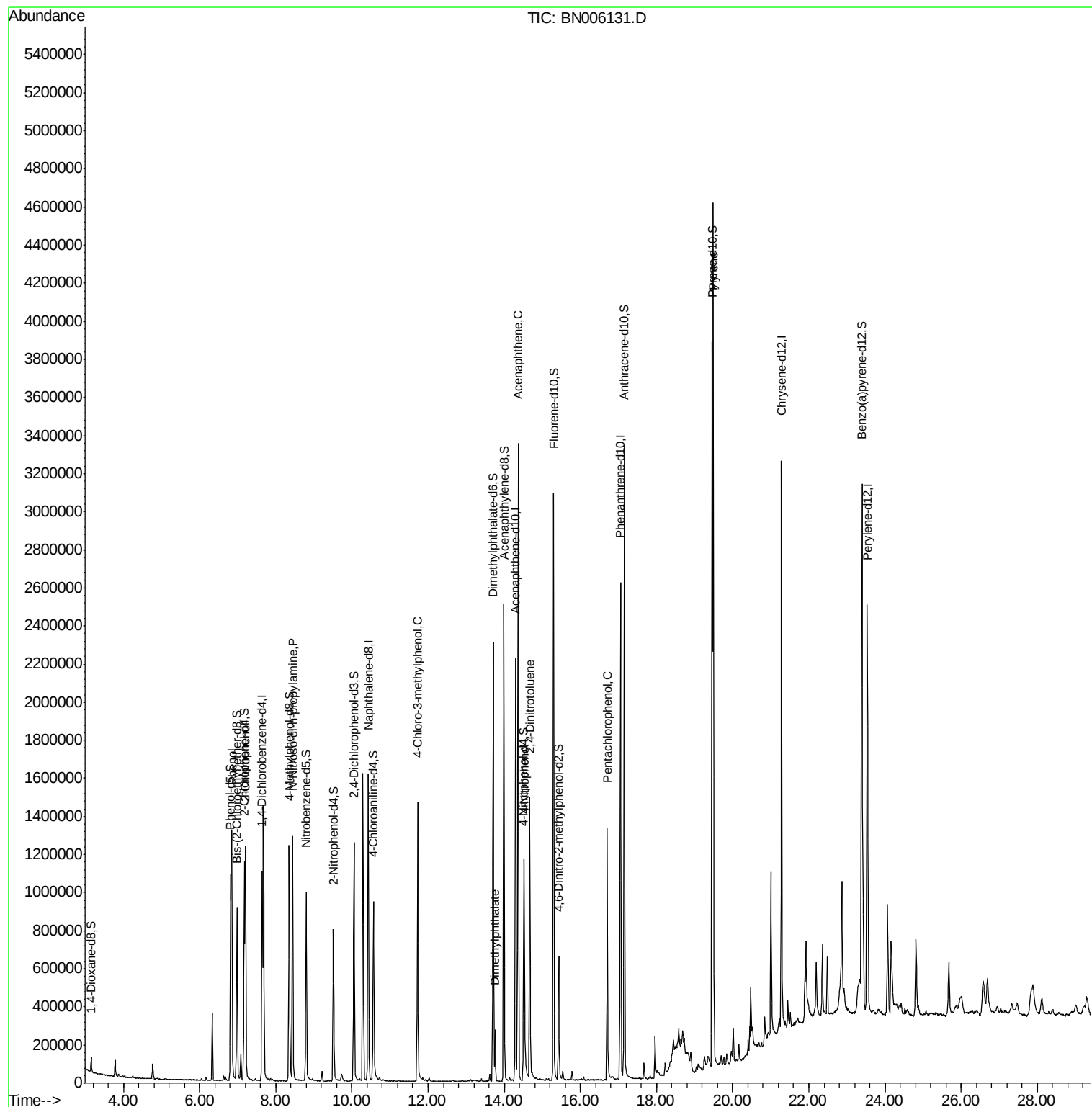
					Ovalue
6) Phenol	6.85	94	714285	29.829	ng/ul 98
10) 2-Chlorophenol	7.21	128	532348	27.696	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	452452	31.089	ng/ul 98
33) 4-Chloro-3-methylphenol	11.72	107	527336	27.062	ng/ul 98
44) Dimethylphthalate	13.76	163	163925	3.281	ng/ul 99
49) Acenaphthene	14.36	153	1243711	28.872	ng/ul 99
52) 4-Nitrophenol	14.52	109	162785	24.139	ng/ul 94
54) 2,4-Dinitrotoluene	14.67	165	408960	28.719	ng/ul 95
68) Pentachlorophenol	16.70	266	224999	24.345	ng/ul 98
79) Pyrene	19.49	202	2570483	30.419	ng/ul 98

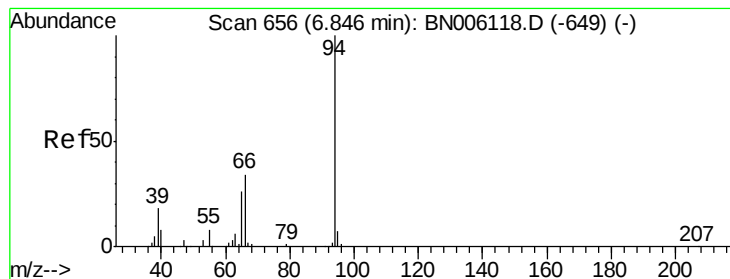
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 29.829 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN006131.D

Acq: 06 Jun 2019 10:10

Instrument :

BNA_N

ClientSampleId :

A51C9MSD

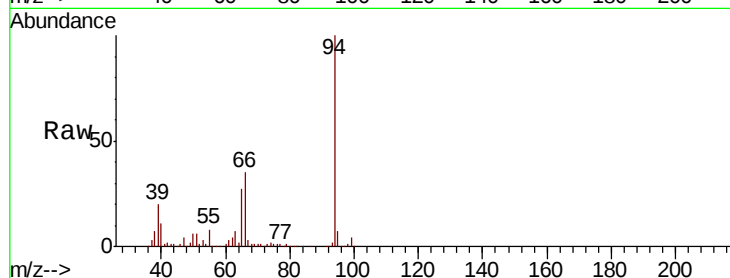
Tot Ion: 94 Resp: 714285

Ion Ratio Lower Upper

94 100

65 27.0 21.8 32.6

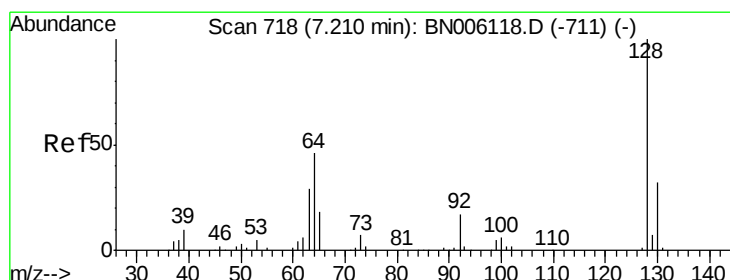
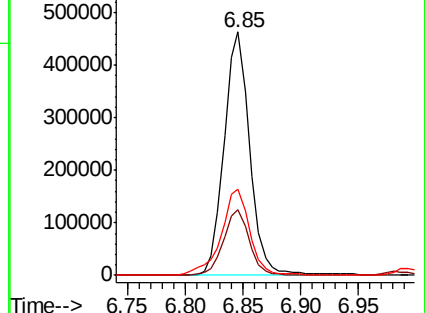
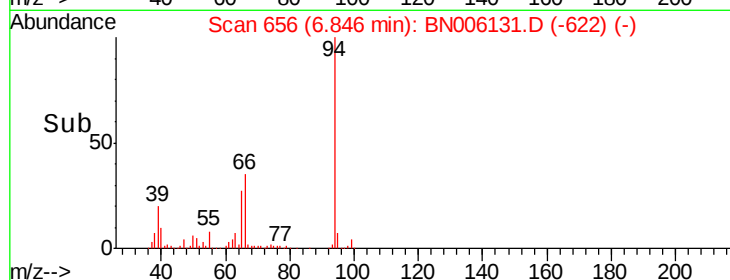
66 35.3 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BN006131.D (-622) (-)

Ion 65.00 (64.70 to 65.70): BN006131.D (-622) (-)

Ion 66.00 (65.70 to 66.70): BN006131.D (-622) (-)



#10

2-Chlorophenol

Concen: 27.696 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. 0.00 min

Lab File: BN006131.D

Acq: 06 Jun 2019 10:10

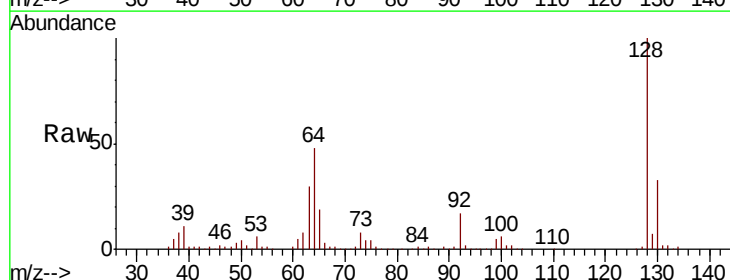
Tgt Ion:128 Resp: 532348

Ion Ratio Lower Upper

128 100

64 48.5 37.1 55.7

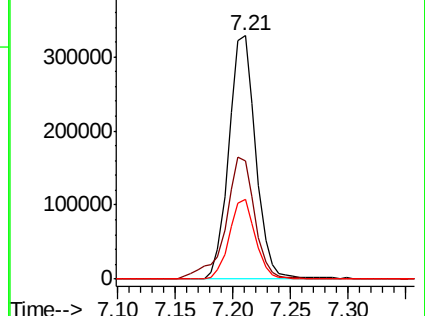
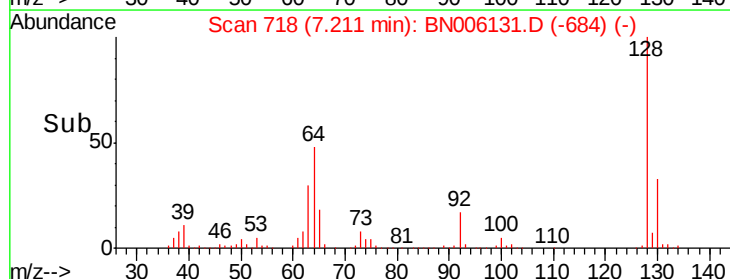
130 32.9 25.8 38.8

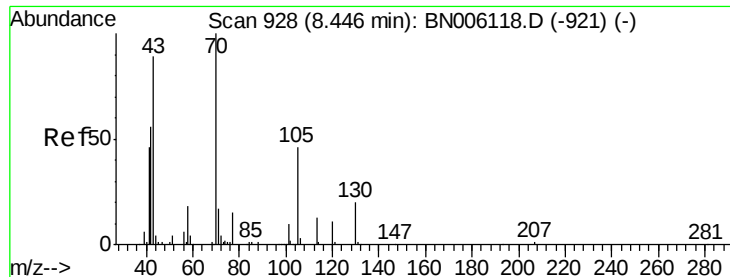


Abundance Ion 128.00 (127.70 to 128.70): BN006131.D (-684) (-)

Ion 64.00 (63.70 to 64.70): BN006131.D (-684) (-)

Ion 130.00 (129.70 to 130.70): BN006131.D (-684) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 31.089 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BN006131.D

Acq: 06 Jun 2019 10:10

Instrument :

BNA_N

ClientSampleId :

A51C9MSD

Tot Ion: 70 Resp: 452452

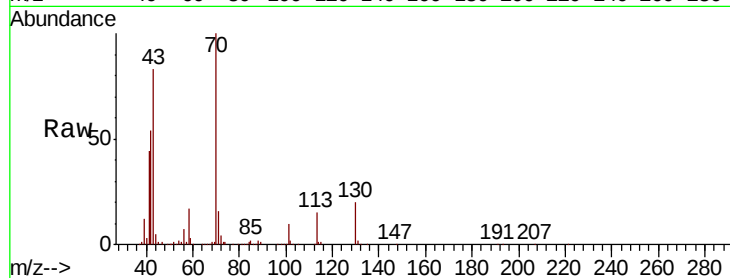
Ion Ratio Lower Upper

70 100

42 54.0 44.2 66.4

101 10.0 7.9 11.9

130 20.1 17.6 26.4

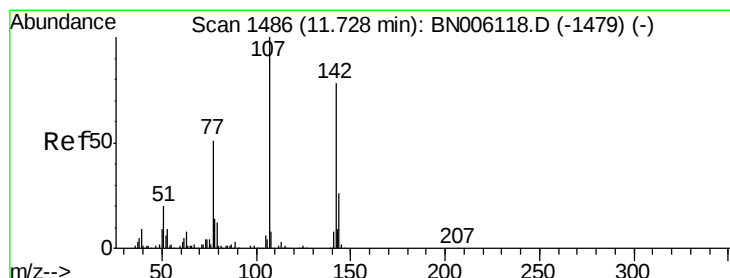
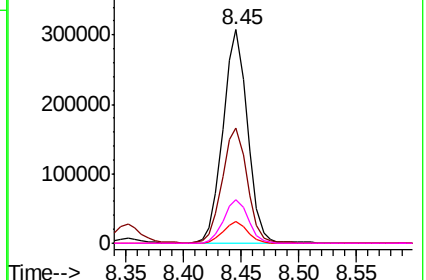
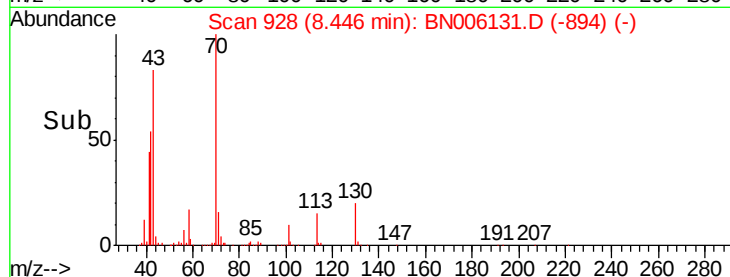


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 27.062 ng/ul

RT: 11.72 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN006131.D

Acq: 06 Jun 2019 10:10

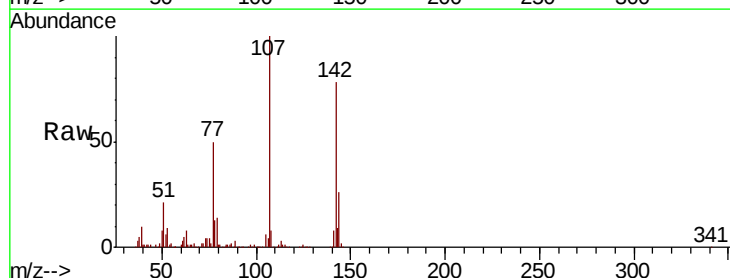
Tgt Ion: 107 Resp: 527336

Ion Ratio Lower Upper

107 100

144 25.9 21.1 31.7

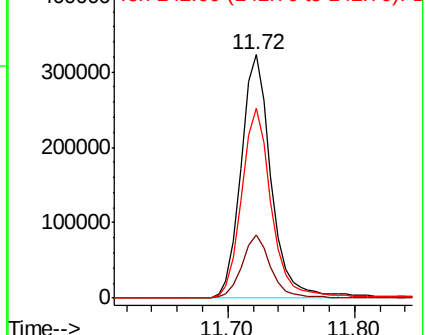
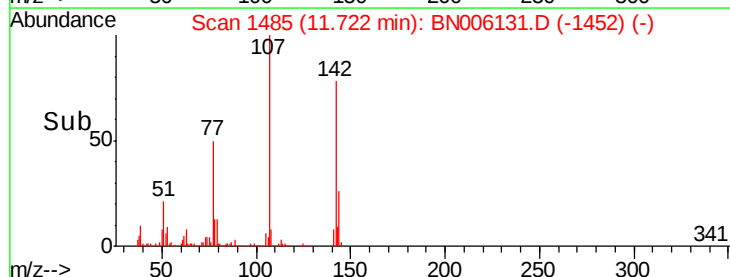
142 78.0 63.6 95.4

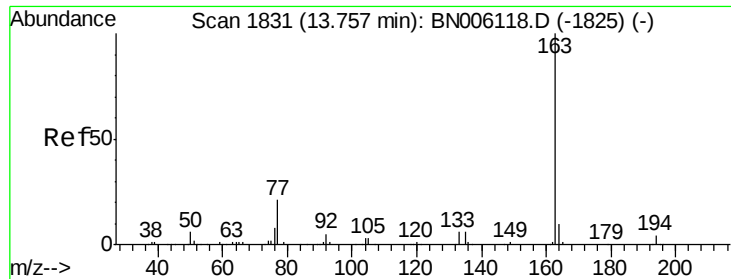


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

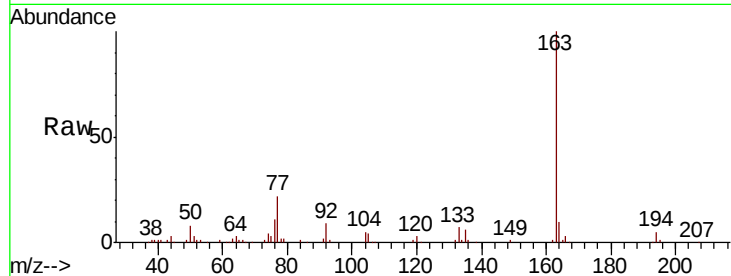




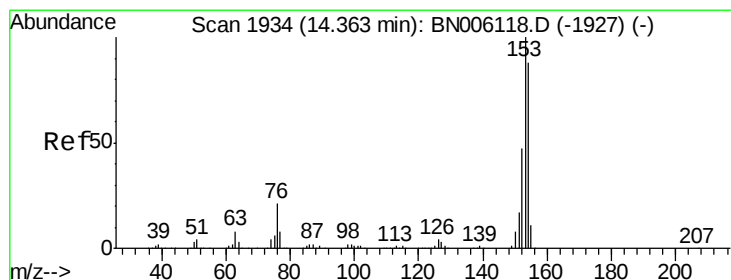
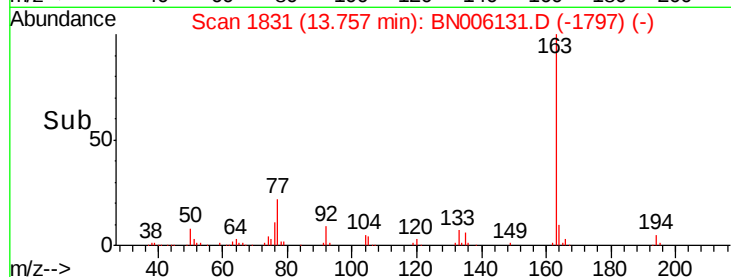
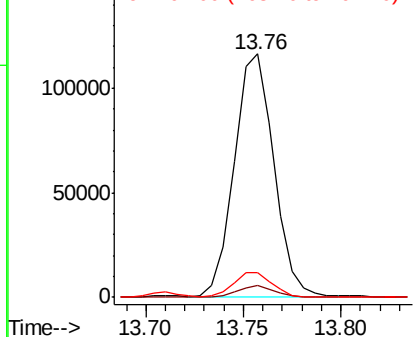
#44
Dimethylphthalate
Concen: 3.281 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN006131.D
Acq: 06 Jun 2019 10:10

Instrument :
BNA_N
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A51C9MSD

Tot Ion:163 Resp: 163925
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.0 8.2 12.2

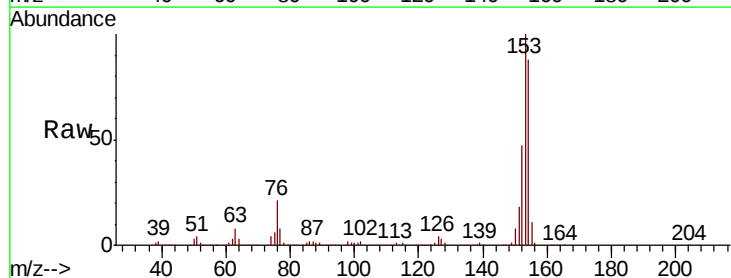


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

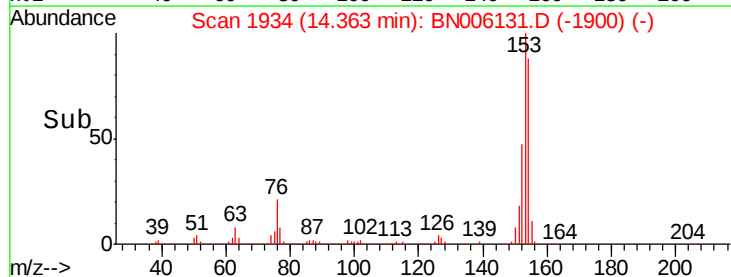
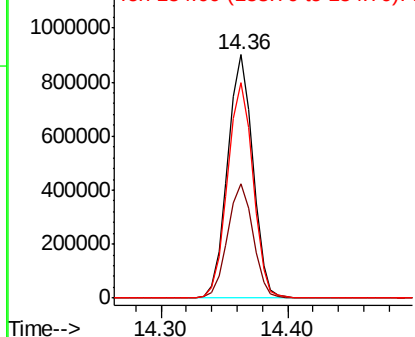


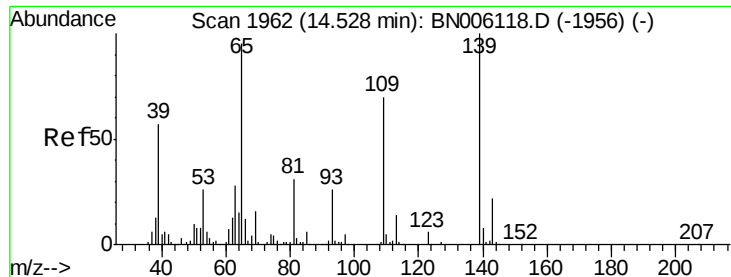
#49
Acenaphthene
Concen: 28.872 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BN006131.D
Acq: 06 Jun 2019 10:10

Tgt Ion:153 Resp: 1243711
Ion Ratio Lower Upper
153 100
152 47.1 37.9 56.9
154 88.2 71.4 107.2



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: 24.139 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN006131.D

Acq: 06 Jun 2019 10:10

Instrument :

BNA_N

ClientSampleId :

A51C9MSD

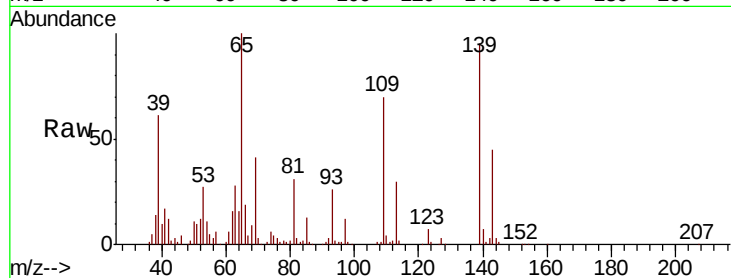
Tot Ion:109 Resp: 162785

Ion Ratio Lower Upper

109 100

139 135.6 114.5 171.7

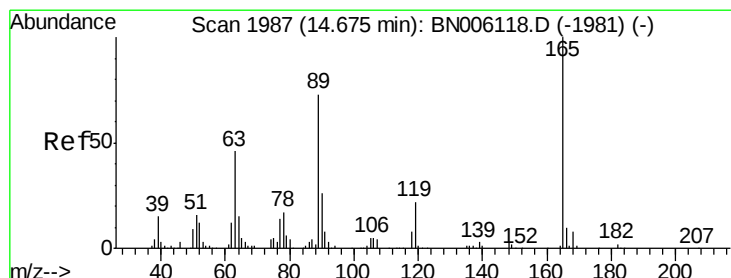
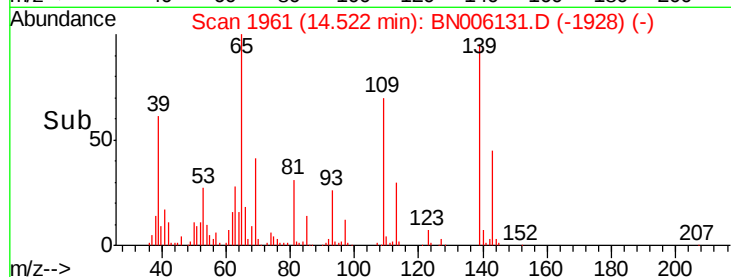
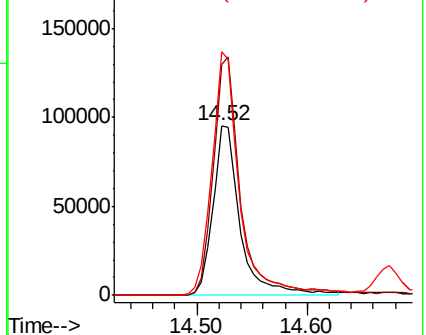
65 143.3 109.8 164.8



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: 28.719 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN006131.D

Acq: 06 Jun 2019 10:10

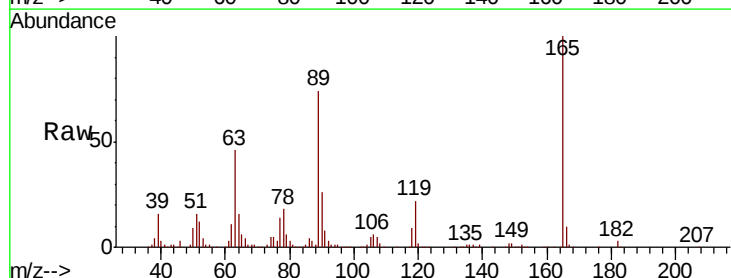
Tgt Ion:165 Resp: 408960

Ion Ratio Lower Upper

165 100

63 46.0 33.8 50.8

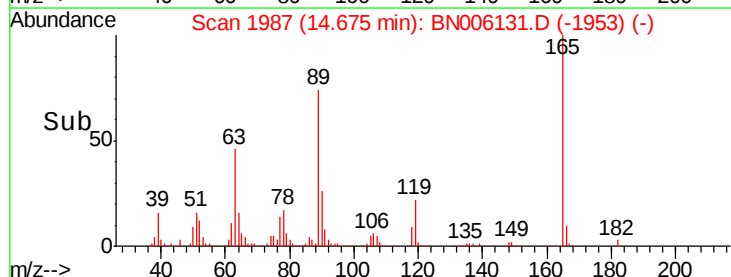
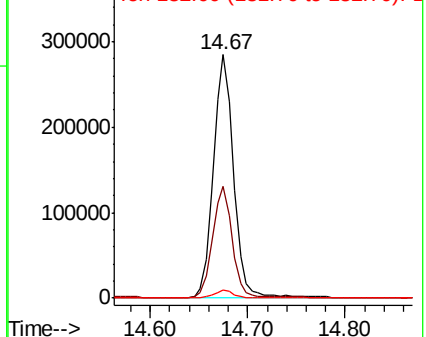
182 3.1 2.2 3.2

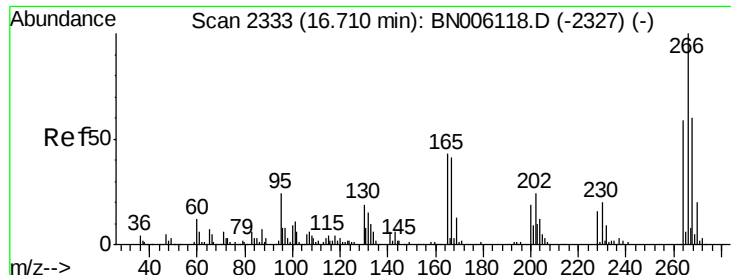


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

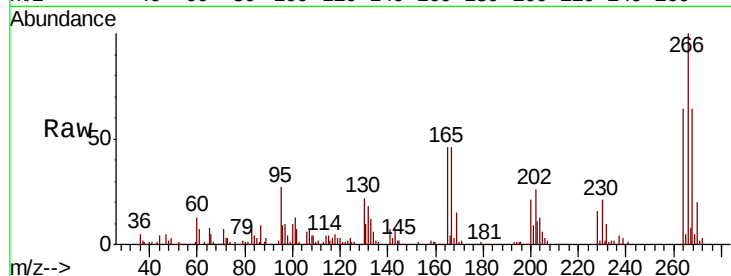




#68
 Pentachlorophenol
 Concen: 24.345 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BN006131.D
 Acq: 06 Jun 2019 10:10

Instrument :
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Tot Ion	Ratio	Lower	Upper
266	100		
264	64.5	49.8	74.8
268	63.7	51.8	77.8

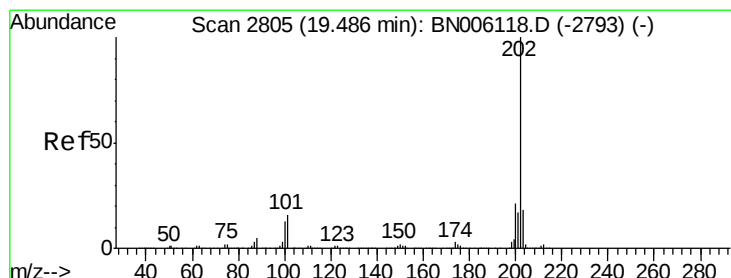
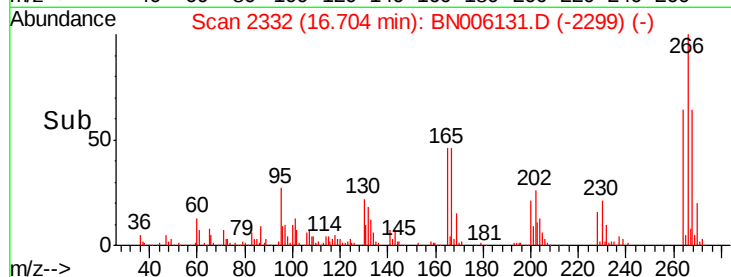
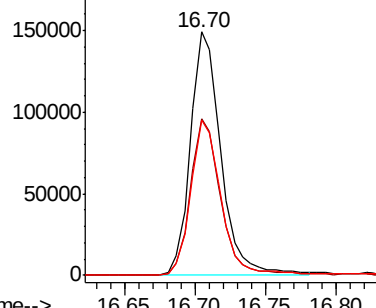


Abundance

Ion 265.70 (265.40 to 266.40): E

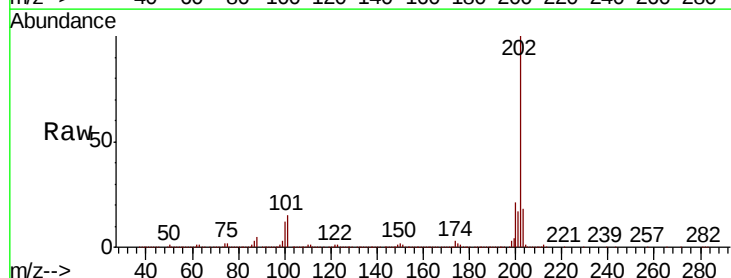
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 30.419 ng/ul
 RT: 19.49 min Scan# 2806
 Delta R.T. 0.01 min
 Lab File: BN006131.D
 Acq: 06 Jun 2019 10:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.5	17.3
100	12.1	9.0	13.6



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

