

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002696.D
 Acq On : 14 Sep 2018 19:25
 Operator : JU/SJ
 Sample : J4865-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3N2MSD

Quant Time: Sep 15 01:17:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 01:16:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	161788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	667450	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	359456	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	721273	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	647829	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	651901	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15973	4.55	ng/uL	0.00
5) Phenol-d5	6.84	99	337970	24.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	214876	25.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	281997	24.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	265361	24.94	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	133160	25.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	154497	26.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	259404	24.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	343971	28.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	748509	26.60	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	964472	26.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	103513	22.25	ng/ul	0.00
57) Fluorene-d10	15.29	176	650396	26.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	100028	22.17	ng/ul	0.00
70) Anthracene-d10	17.13	188	882066	25.62	ng/ul	0.00
78) Pyrene-d10	19.44	212	926612	27.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	948664	27.65	ng/ul	0.00

Target Compounds

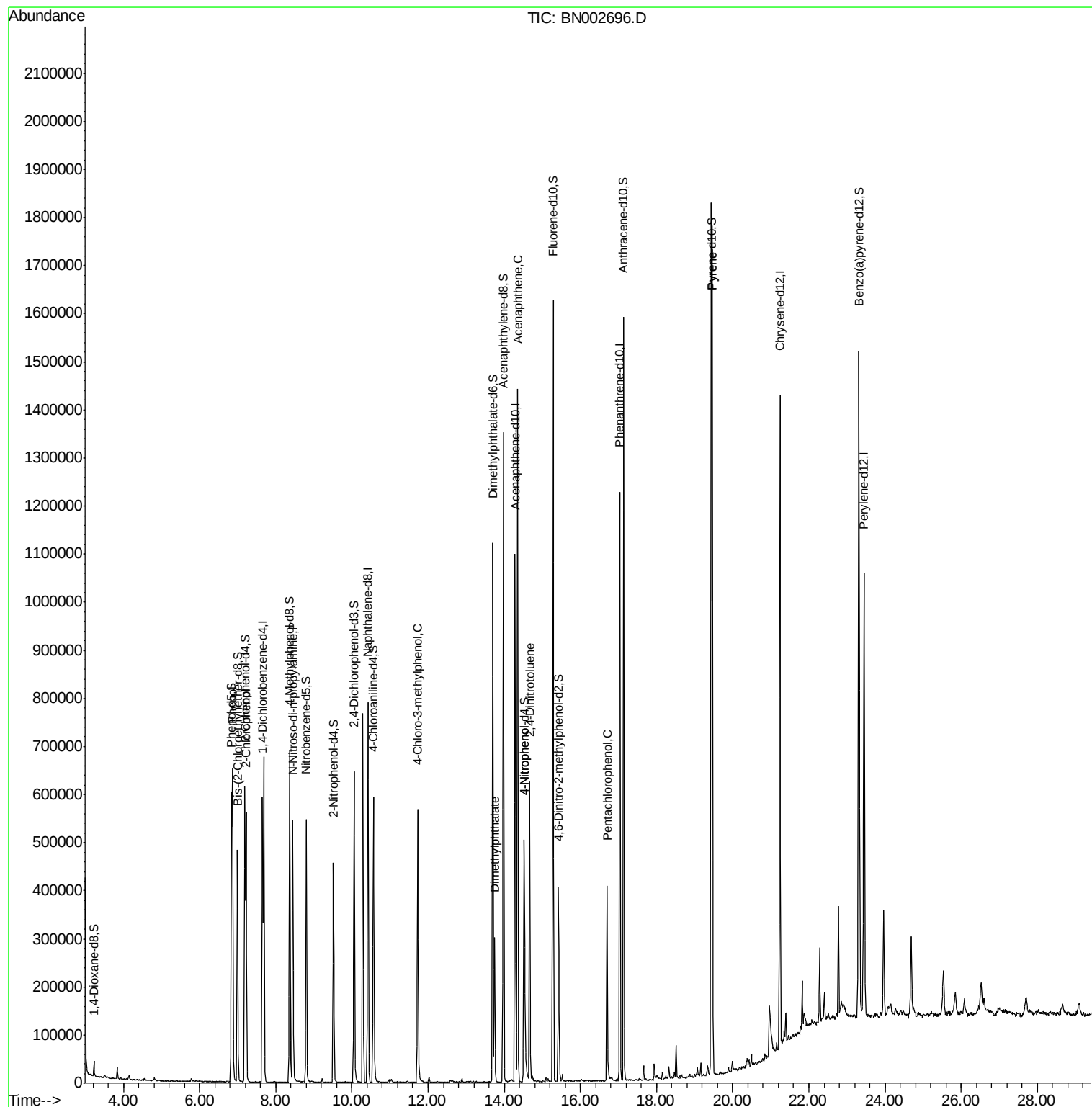
					Ovalue
6) Phenol	6.86	94	340859	24.604	ng/ul 98
10) 2-Chlorophenol	7.22	128	245368	21.864	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	195235	23.698	ng/ul 97
33) 4-Chloro-3-methylphenol	11.73	107	240317	22.991	ng/ul 99
44) Dimethylphthalate	13.75	163	190707	6.945	ng/ul 99
49) Acenaphthene	14.35	153	568349	23.245	ng/ul 99
52) 4-Nitrophenol	14.53	109	68371	21.120	ng/ul 98
54) 2,4-Dinitrotoluene	14.67	165	184374	23.556	ng/ul 94
68) Pentachlorophenol	16.70	266	83088	20.651	ng/ul 98
79) Pyrene	19.47	202	1054498	24.619	ng/ul 99

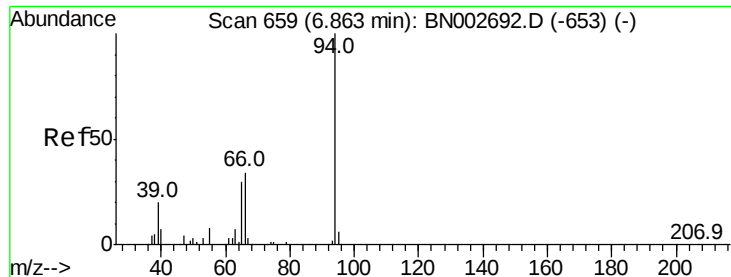
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 24.604 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BN002696.D

Acq: 14 Sep 2018 19:25

Instrument :

BNA_N

ClientSampleId :

DB3N2MSD

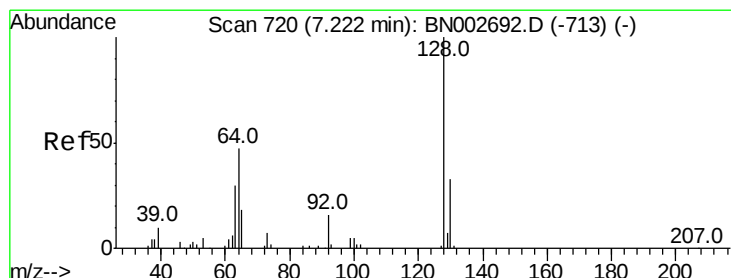
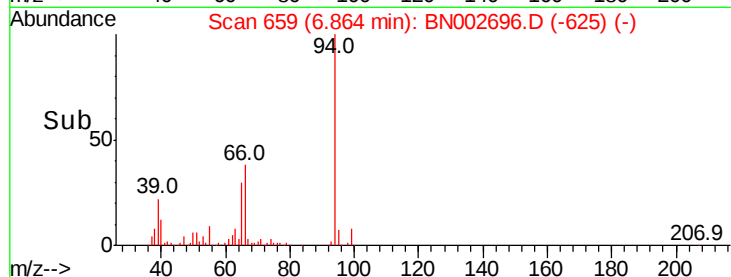
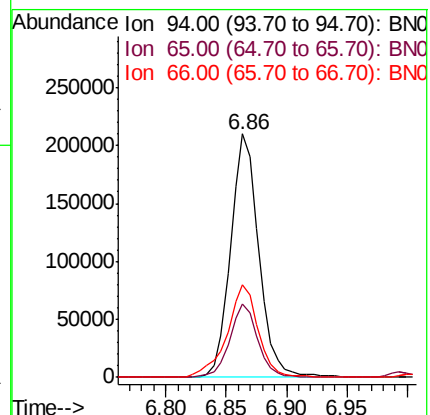
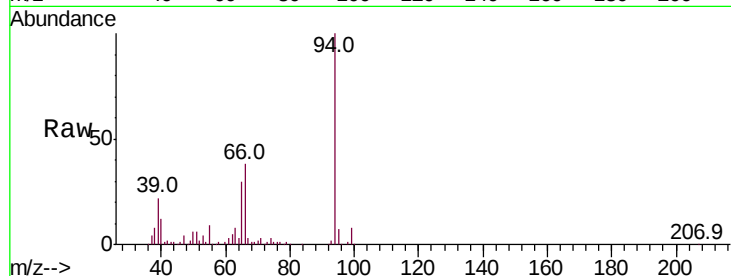
Tot Ion: 94 Resp: 340859

Ion Ratio Lower Upper

94 100

65 30.3 23.1 34.7

66 37.8 29.8 44.6



#10

2-Chlorophenol

Concen: 21.864 ng/ul

RT: 7.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BN002696.D

Acq: 14 Sep 2018 19:25

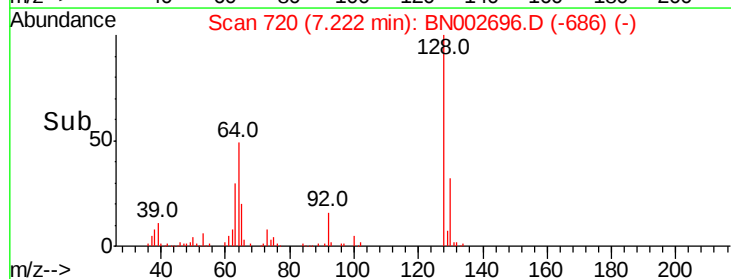
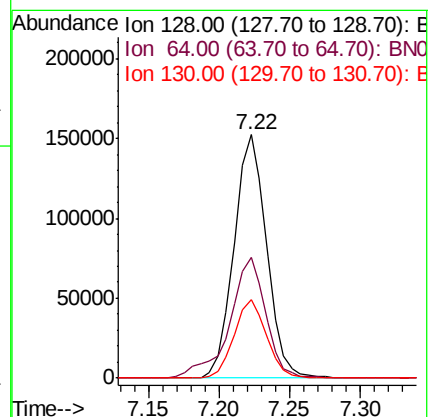
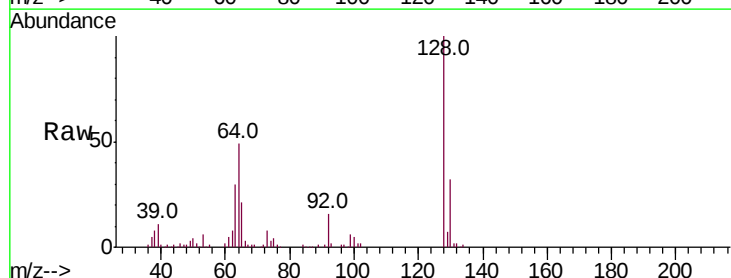
Tgt Ion: 128 Resp: 245368

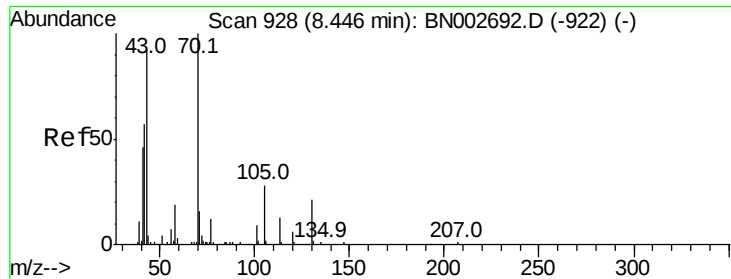
Ion Ratio Lower Upper

128 100

64 49.4 40.4 60.6

130 32.4 26.8 40.2





#15

N-Nitroso-di-n-propylamine

Concen: 23.698 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. 0.01 min

Lab File: BN002696.D

Acq: 14 Sep 2018 19:25

Instrument :

BNA_N

ClientSampleId :

DB3N2MSD

Tot Ion: 70 Resp: 195235

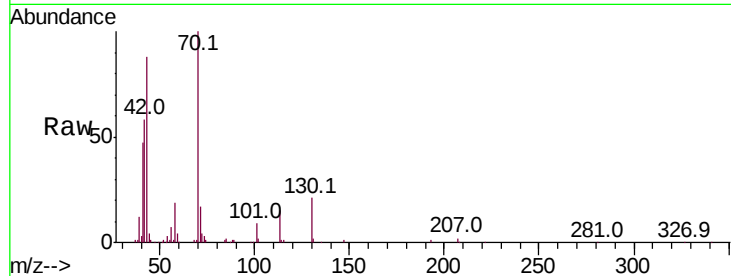
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.7	71.5
101	9.3	8.0	12.0
130	21.3	16.0	24.0

70 100

42 57.5 47.7 71.5

101 9.3 8.0 12.0

130 21.3 16.0 24.0

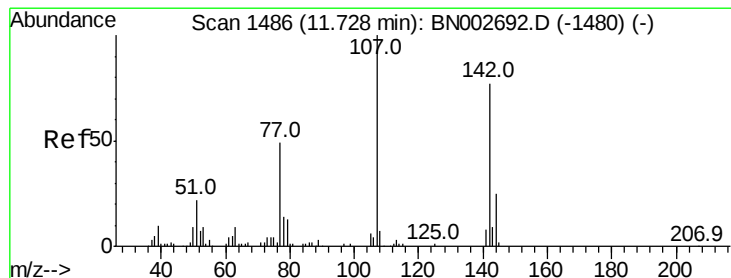
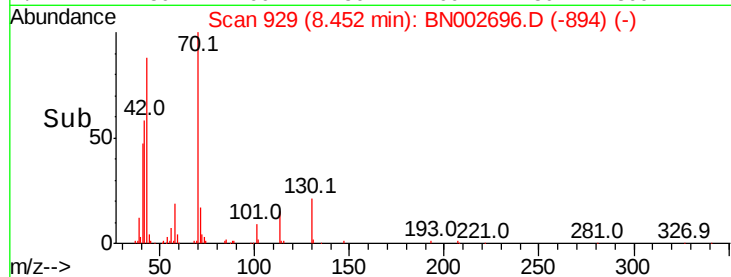
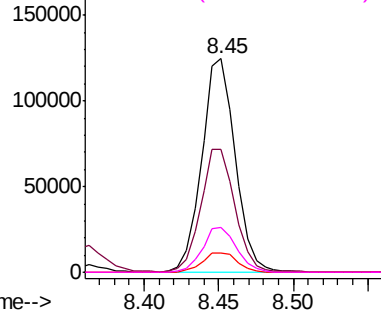


Abundance Ion 70.00 (69.70 to 70.70): BN002692.D (-922) (-)

Ion 42.00 (41.70 to 42.70): BN002692.D (-922) (-)

Ion 101.00 (100.70 to 101.70): BN002692.D (-922) (-)

Ion 130.00 (129.70 to 130.70): BN002692.D (-922) (-)



#33

4-Chloro-3-methylphenol

Concen: 22.991 ng/ul

RT: 11.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN002696.D

Acq: 14 Sep 2018 19:25

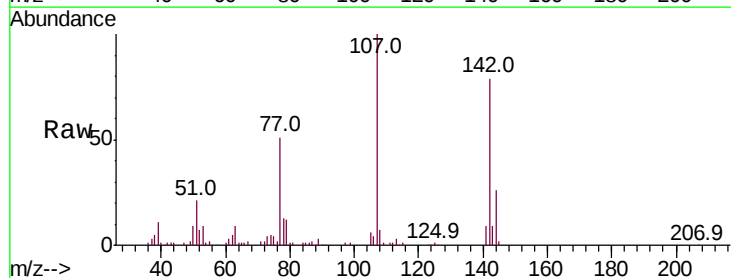
Tgt Ion: 107 Resp: 240317

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.2	30.4
142	79.3	62.9	94.3

107 100

144 25.6 20.2 30.4

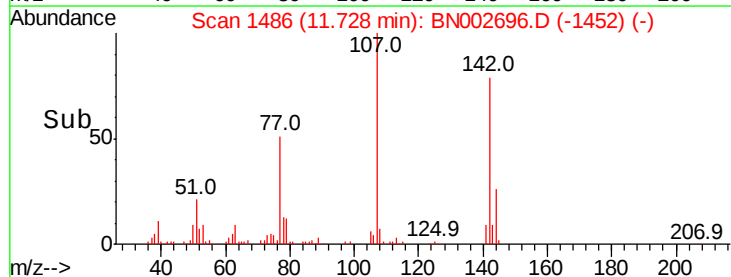
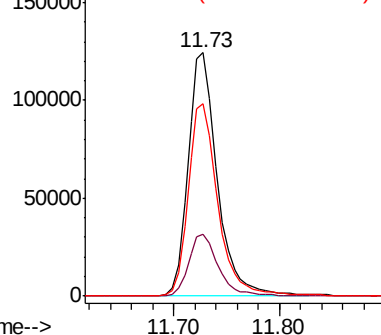
142 79.3 62.9 94.3

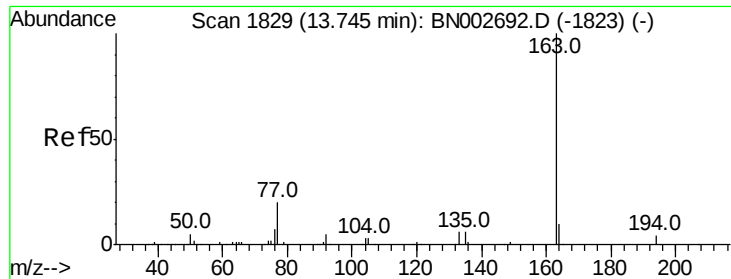


Abundance Ion 107.00 (106.70 to 107.70): BN002692.D (-1480) (-)

Ion 144.00 (143.70 to 144.70): BN002692.D (-1480) (-)

Ion 142.00 (141.70 to 142.70): BN002692.D (-1480) (-)

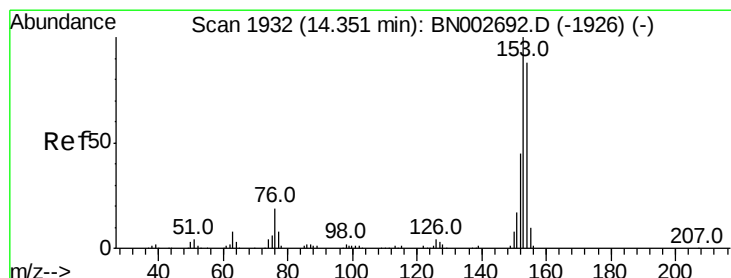
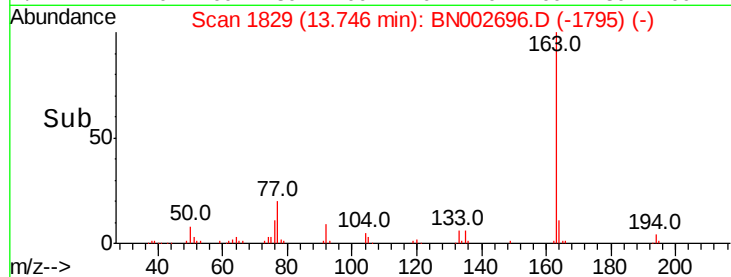
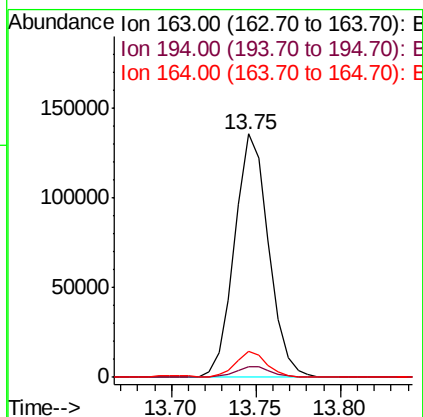
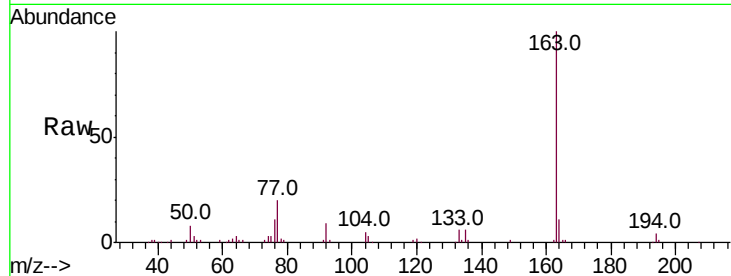




#44
Dimethylphthalate
Concen: 6.945 ng/ul
RT: 13.75 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN002696.D
Acq: 14 Sep 2018 19:25

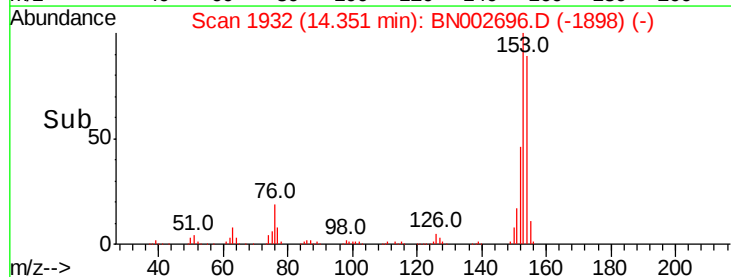
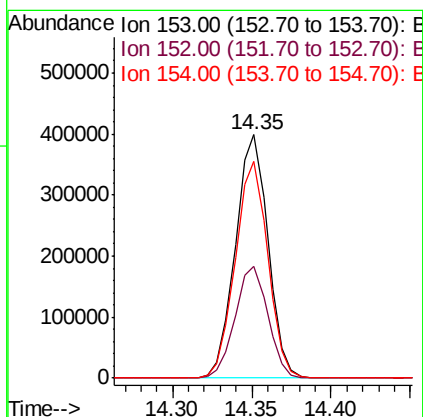
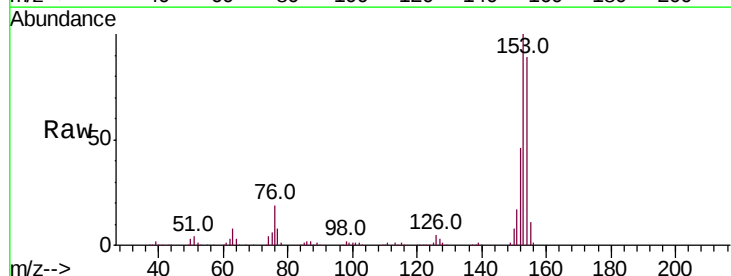
Instrument :
BNA_N
ClientSampleId :
DB3N2MSD

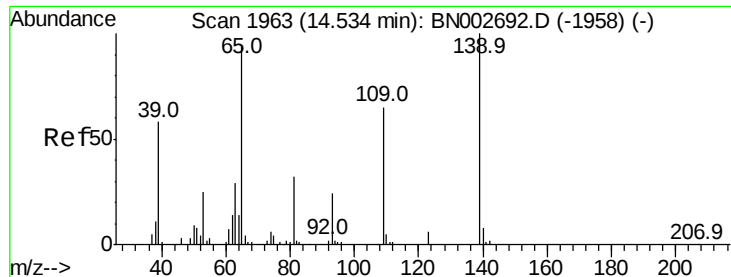
Tot Ion:163 Resp: 190707
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.6 8.1 12.1



#49
Acenaphthene
Concen: 23.245 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BN002696.D
Acq: 14 Sep 2018 19:25

Tgt Ion:153 Resp: 568349
Ion Ratio Lower Upper
153 100
152 45.9 37.8 56.6
154 88.8 70.9 106.3





#52

4-Nitrophenol

Concen: 21.120 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN002696.D

Acq: 14 Sep 2018 19:25

Instrument :

BNA_N

ClientSampleId :

DB3N2MSD

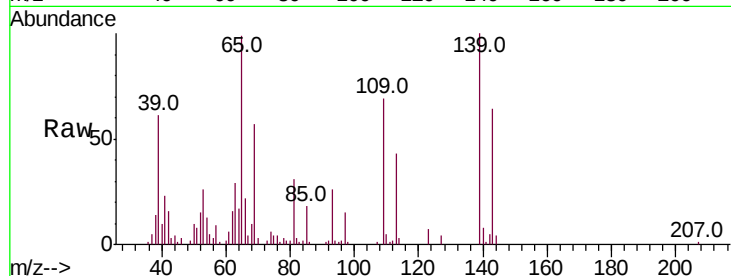
Tot Ion:109 Resp: 68371

Ion Ratio Lower Upper

109 100

139 144.0 116.5 174.7

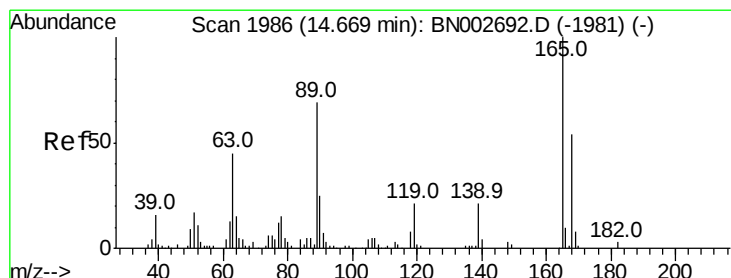
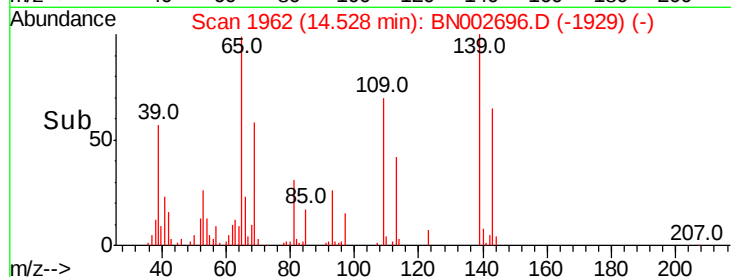
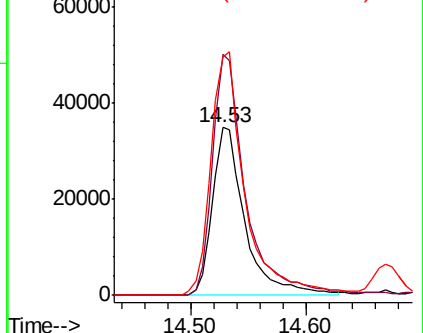
65 142.2 116.7 175.1



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): BNC



#54

2,4-Dinitrotoluene

Concen: 23.556 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN002696.D

Acq: 14 Sep 2018 19:25

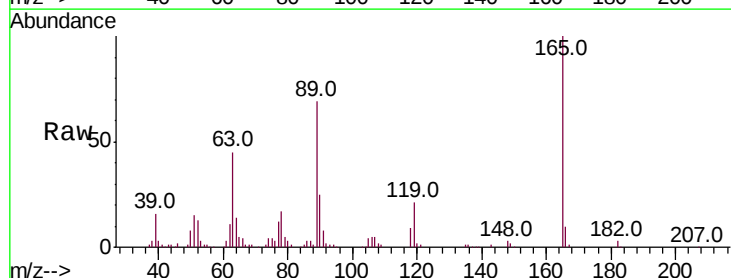
Tgt Ion:165 Resp: 184374

Ion Ratio Lower Upper

165 100

63 44.5 39.0 58.6

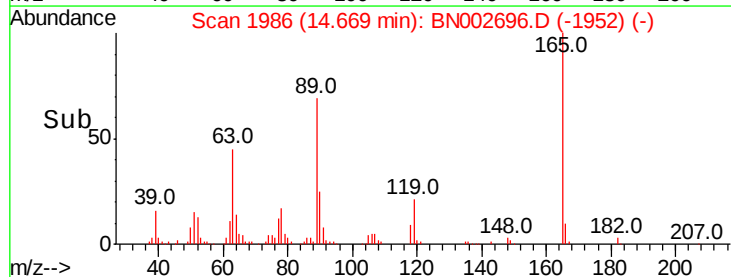
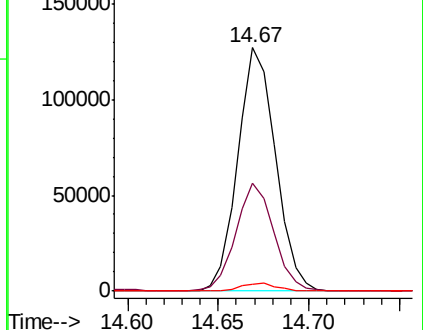
182 2.9 2.4 3.6

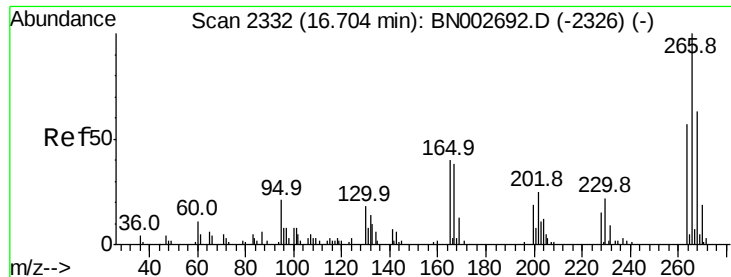


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

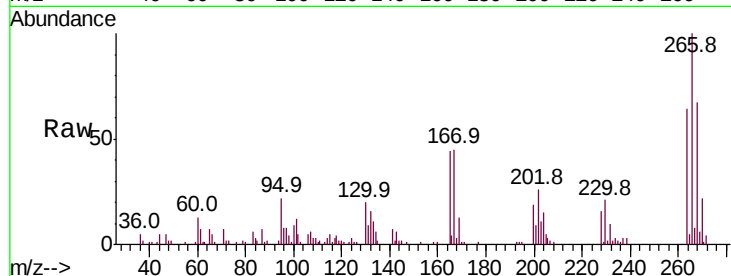




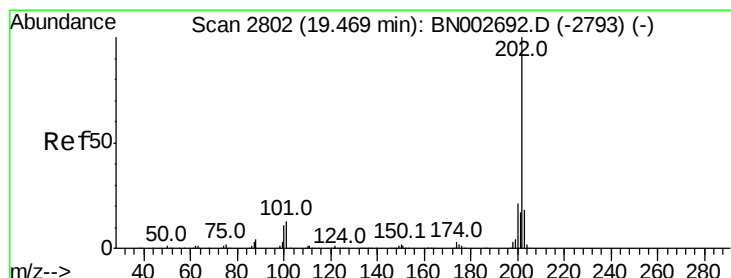
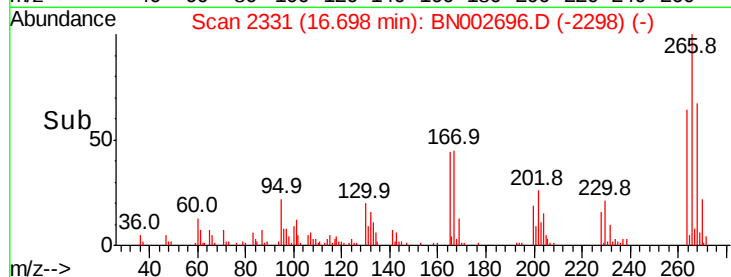
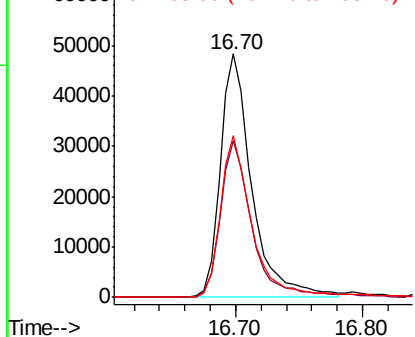
#68
 Pentachlorophenol
 Concen: 20.651 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BN002696.D
 Acq: 14 Sep 2018 19:25

Instrument :
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 ClientSampleId :
 DB3N2MSD

Tot Ion:266 Resp: 83088
 Ion Ratio Lower Upper
 266 100
 264 64.2 49.9 74.9
 268 66.6 52.6 79.0

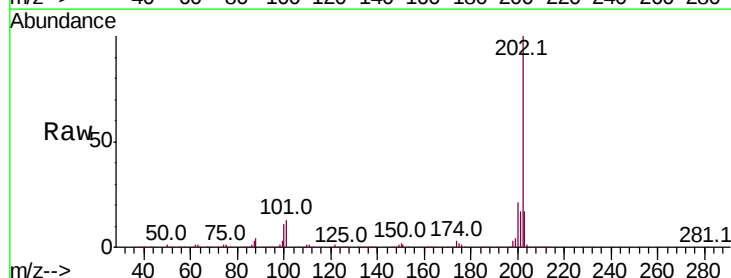


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 24.619 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. 0.00 min
 Lab File: BN002696.D
 Acq: 14 Sep 2018 19:25

Tgt Ion:202 Resp: 1054498
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.8 16.2
 100 10.9 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

