

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 :

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

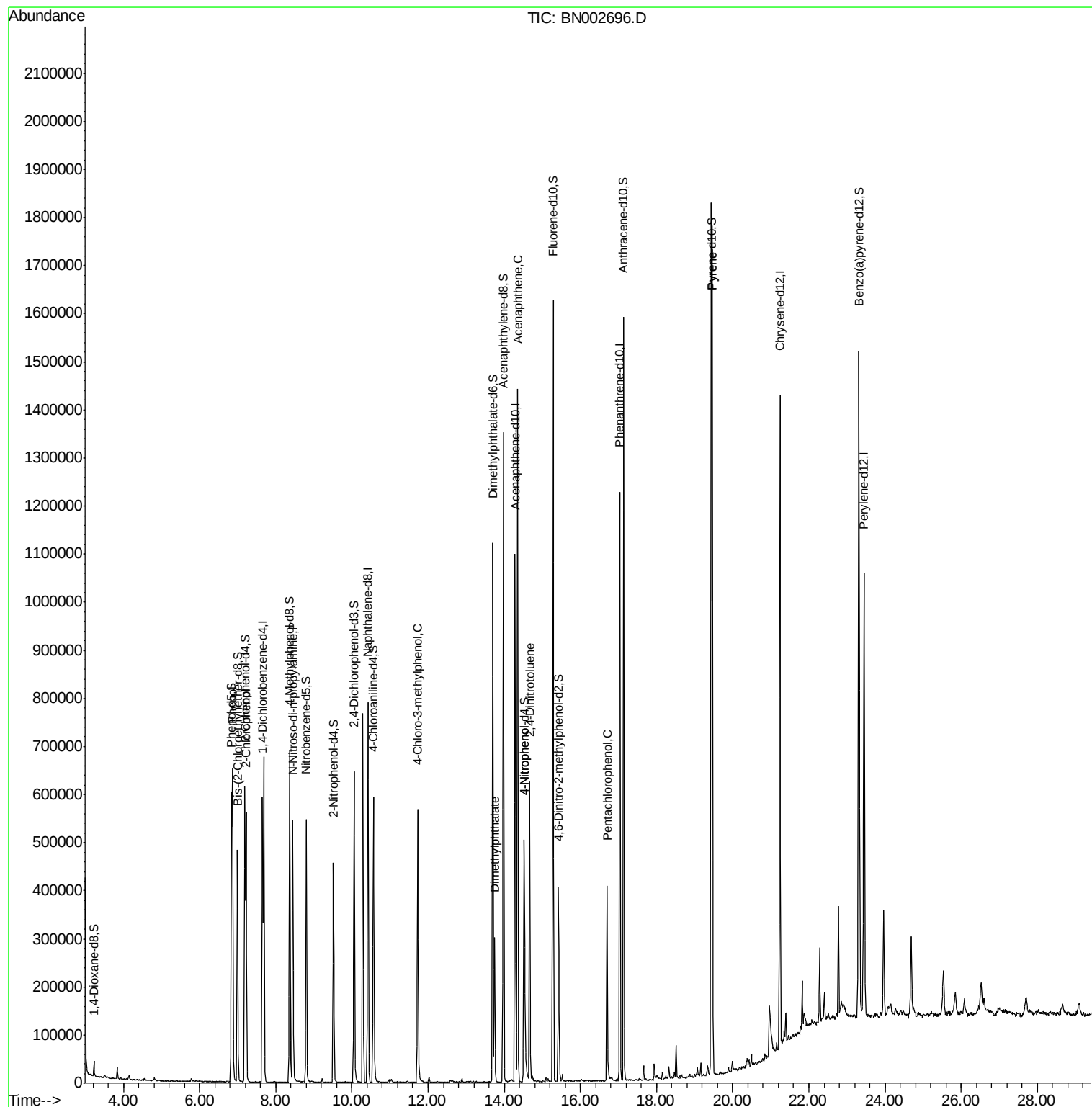
					Ovalue
6) Phenol	6.86	94	340859	24.604	ng/ul 98
10) 2-Chlorophenol	7.22	128	245368	21.864	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	195235	23.698	ng/ul 97
33) 4-Chloro-3-methylphenol	11.73	107	240317	22.991	ng/ul 99
44) Dimethylphthalate	13.75	163	190707	6.945	ng/ul 99
49) Acenaphthene	14.35	153	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

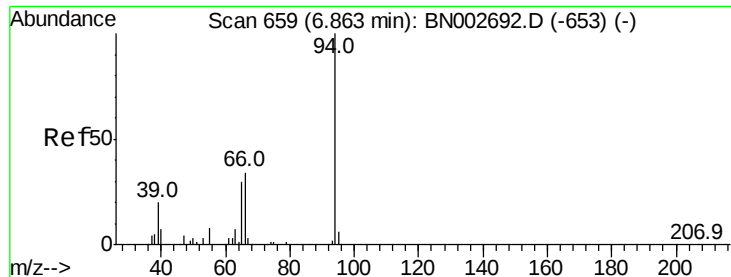
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampled :

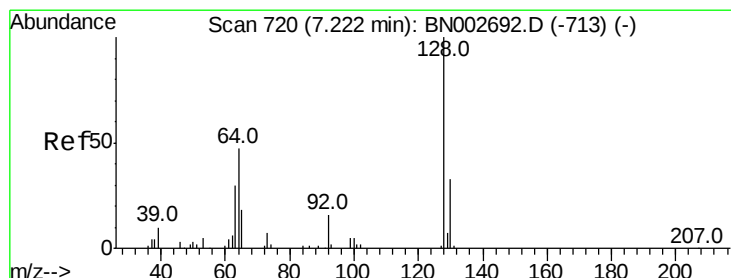
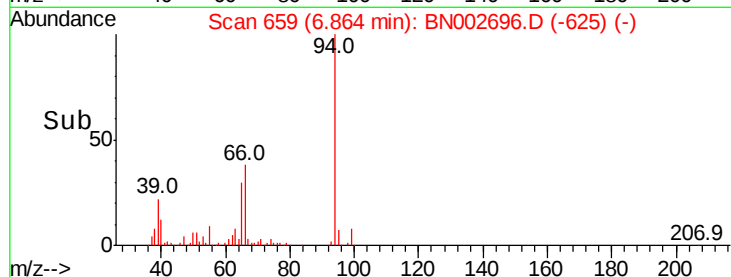
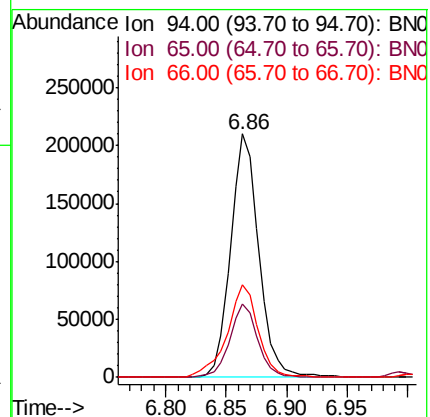
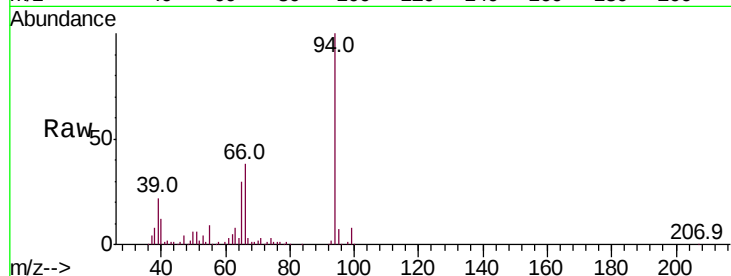
Tot Ion: 94 Resp: 340859

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

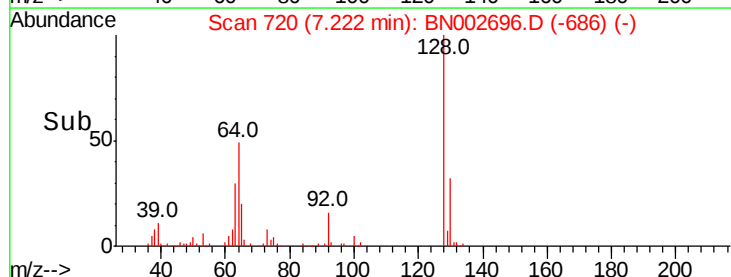
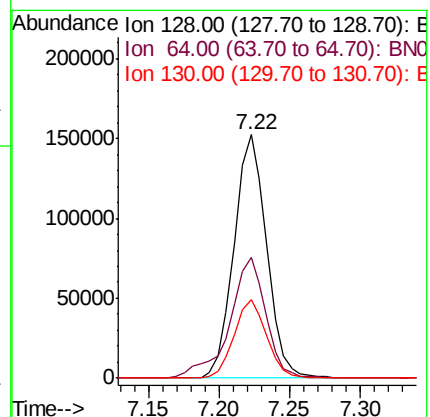
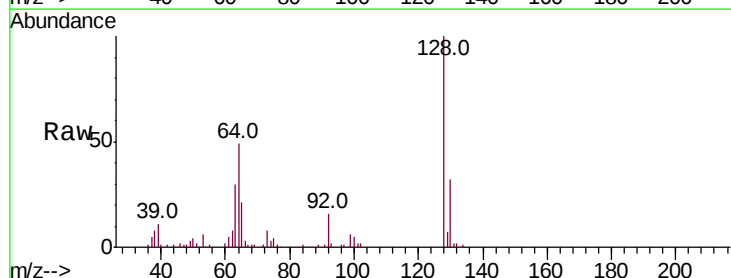
Tgt Ion:128 Resp: 245368

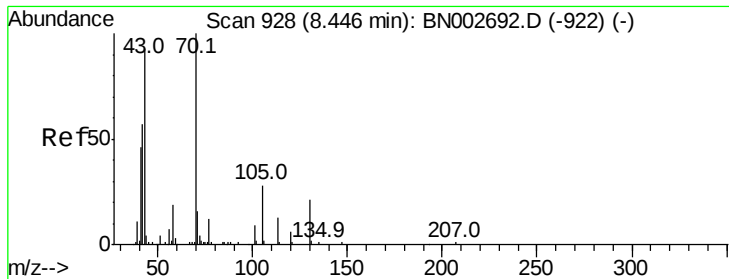
Ion Ratio Lower Upper

128 100

64 49.4 40.4 60.6

130 32.4 26.8 40.2

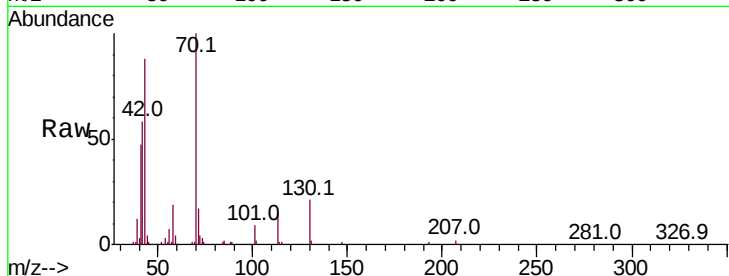




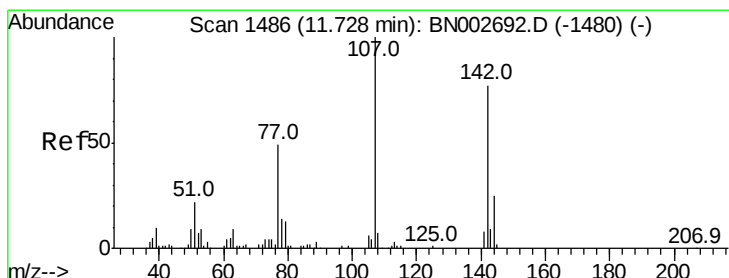
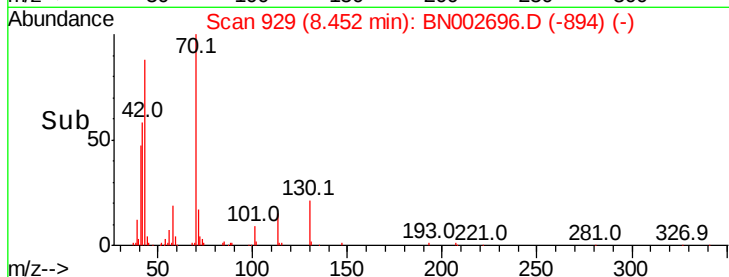
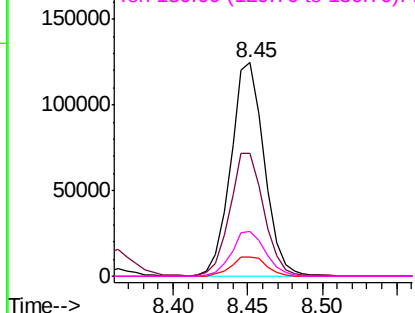
#15
 N-Nitroso-di-n-propylamine
 Concen: 23.698 ng/ul
 RT: 8.45 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BN002696.D
 Acq: 14 Sep 2018 19:25

Instrument :
 BNA_N
 ClientSampleId :

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

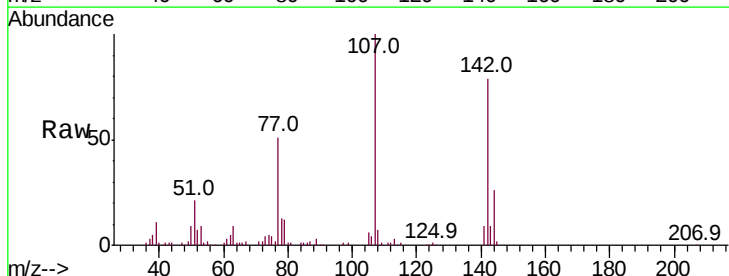


Abundance Ion 70.00 (69.70 to 70.70): BN002696.D (-922) (-)
 Ion 42.00 (41.70 to 42.70): BN002696.D (-922) (-)
 Ion 101.00 (100.70 to 101.70): BN002696.D (-922) (-)
 Ion 130.00 (129.70 to 130.70): BN002696.D (-922) (-)

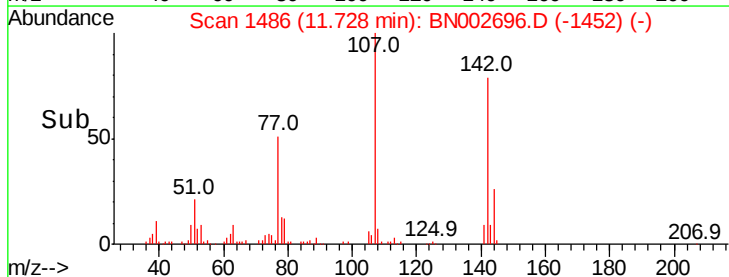
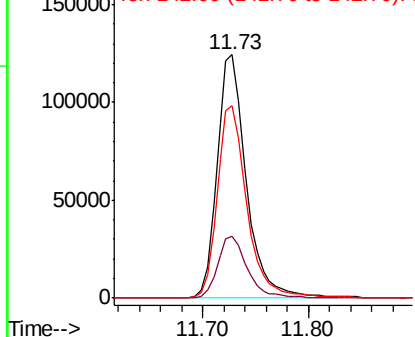


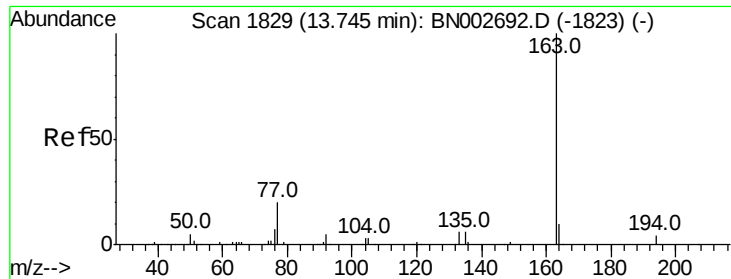
#33
 4-Chloro-3-methylphenol
 Concen: 22.991 ng/ul
 RT: 11.73 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BN002696.D
 Acq: 14 Sep 2018 19:25

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



Abundance Ion 107.00 (106.70 to 107.70): BN002696.D (-1480) (-)
 Ion 144.00 (143.70 to 144.70): BN002696.D (-1480) (-)
 Ion 142.00 (141.70 to 142.70): BN002696.D (-1480) (-)

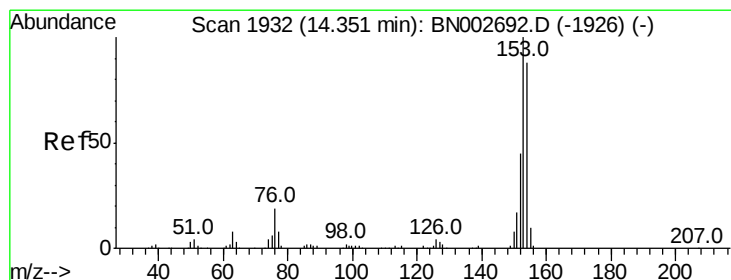
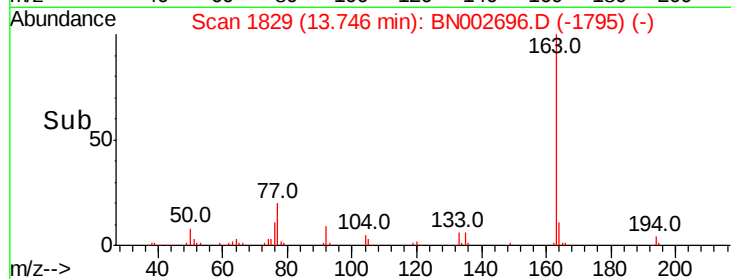
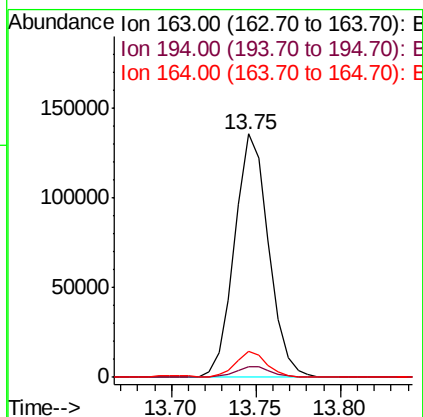
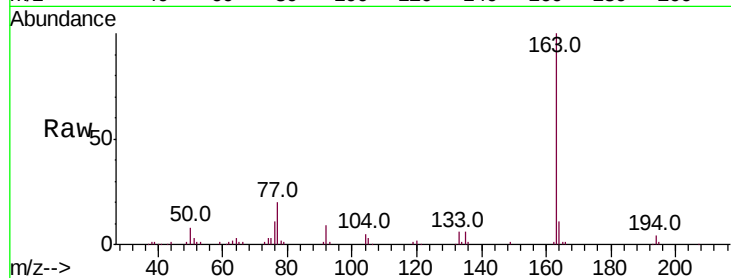




#44
Dimethylphthalate
Concen: 6.945 ng/ul
RT: 13.75 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN002696.D
Acq: 14 Sep 2018 19:25

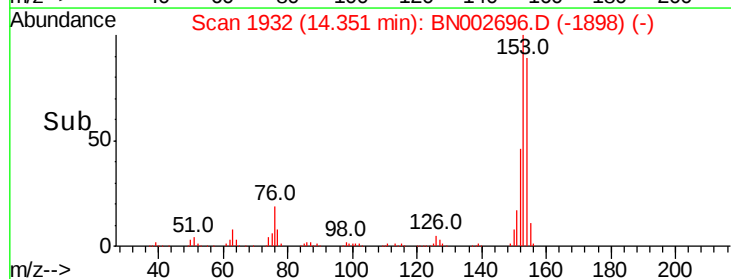
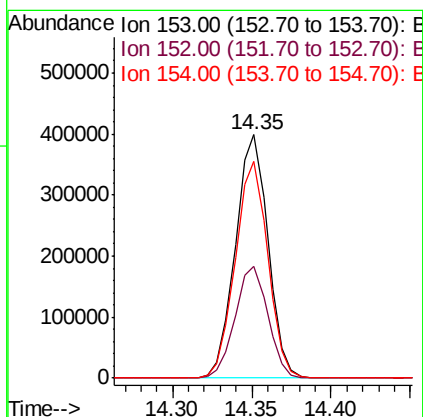
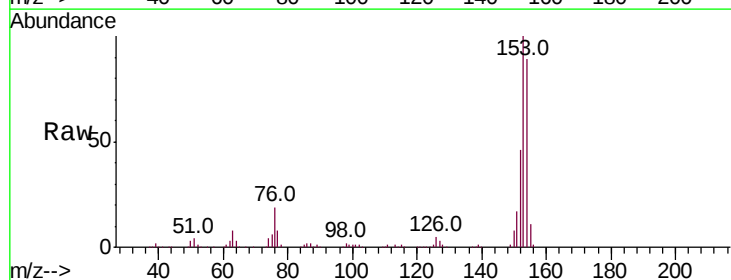
Instrument :
BNA_N
ClientSampleId :

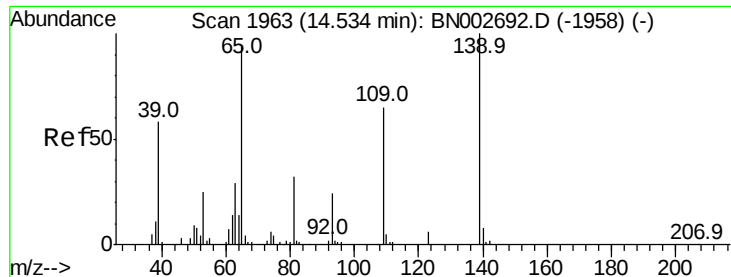
Tot Ion:163 Resp: 190707
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.6 8.1 12.1



#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 :

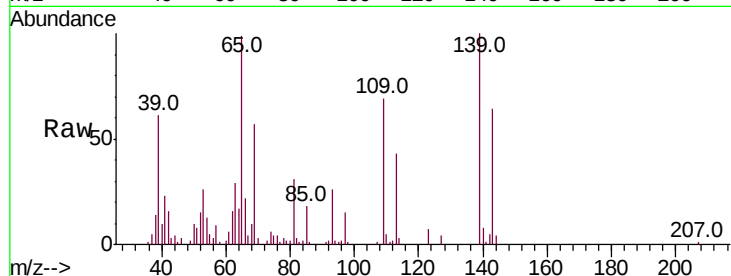
Tot Ion:109 Resp: 68371

Ion Ratio Lower Upper

109 100

139 144.0 116.5 174.7

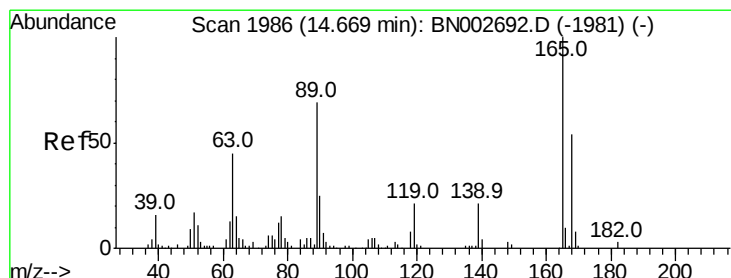
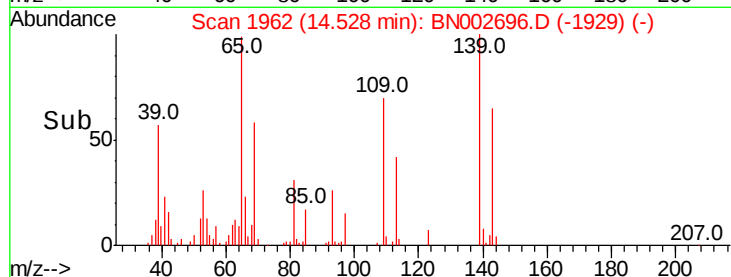
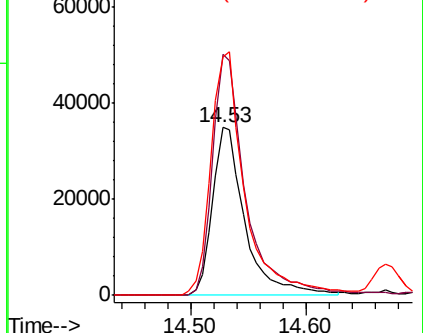
65 142.2 116.7 175.1



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

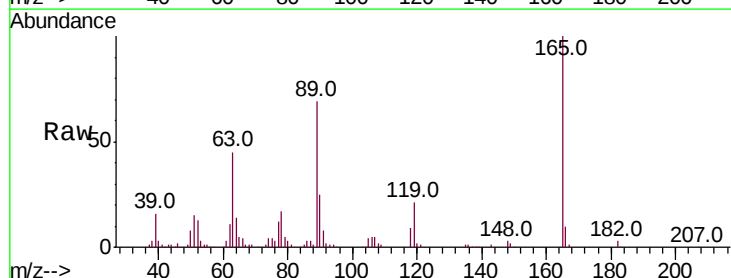
Tgt Ion:165 Resp: 184374

Ion Ratio Lower Upper

165 100

63 44.5 39.0 58.6

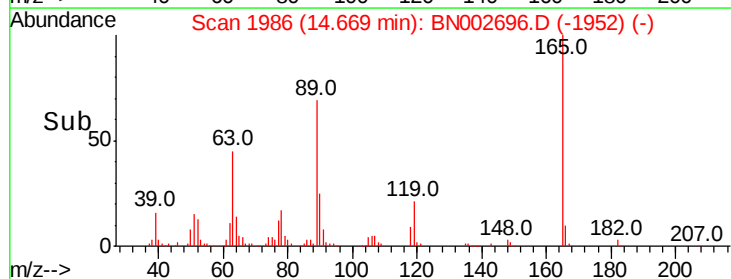
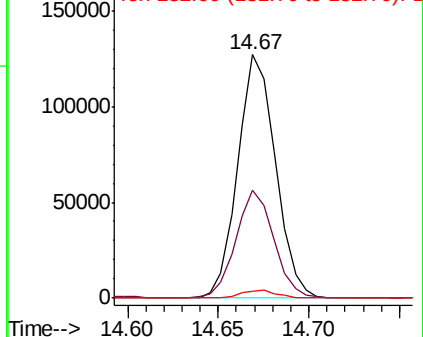
182 2.9 2.4 3.6

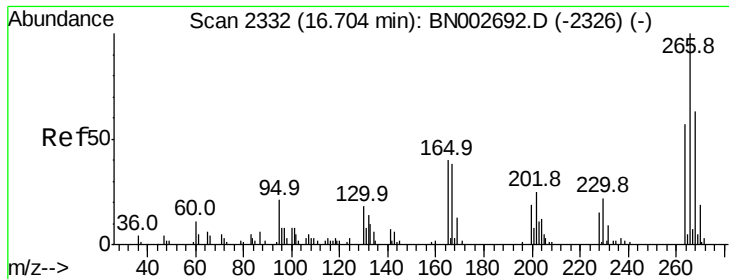


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

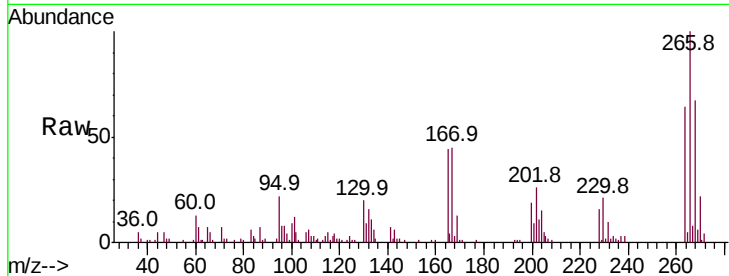




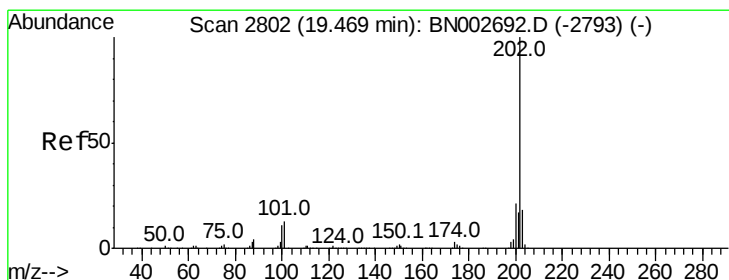
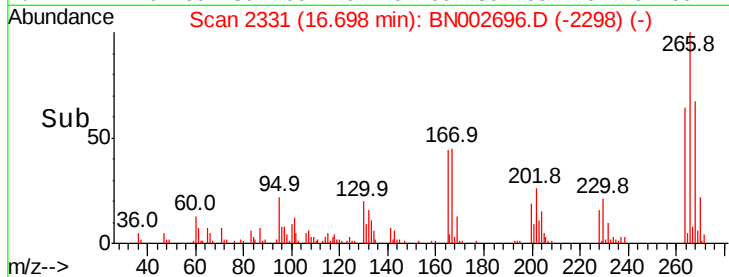
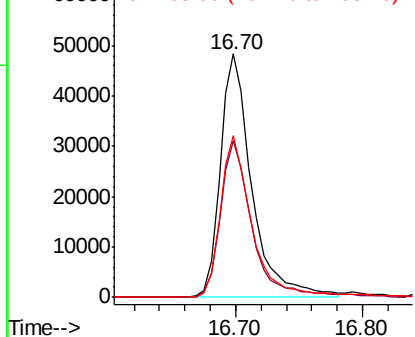
#68
 Pentachlorophenol
 Concen: 20.651 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BN002696.D
 Acq: 14 Sep 2018 19:25

Instrument :
 BNA_N
 ClientSampleId :

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

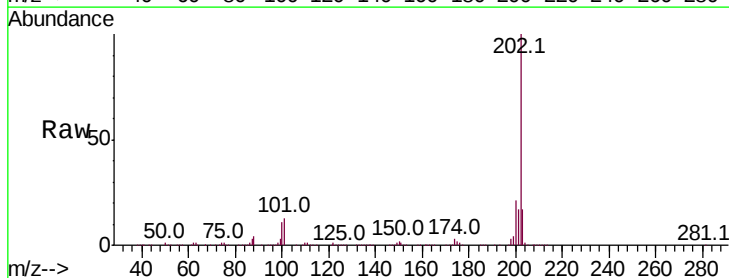


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#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

