

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002508.D
 Acq On : 24 Aug 2018 19:24
 Operator : JU/SJ
 Sample : J4628-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 25 01:31:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 25 01:30:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	112712	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	534313	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	326290	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	782268	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	964456	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1090164	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10333	4.33	ng/uL	0.00
5) Phenol-d5	6.85	99	245453	23.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	163192	25.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	189486	24.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	200480	24.26	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	103439	24.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	108862	24.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	199178	24.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	214330	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	690318	25.52	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	860291	25.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	114217	22.34	ng/ul	0.00
57) Fluorene-d10	15.30	176	604155	25.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	94286	18.93	ng/ul	0.00
70) Anthracene-d10	17.15	188	993641	26.59	ng/ul	0.00
78) Pyrene-d10	19.45	212	1179194	25.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1542001	27.05	ng/ul	0.00

Target Compounds

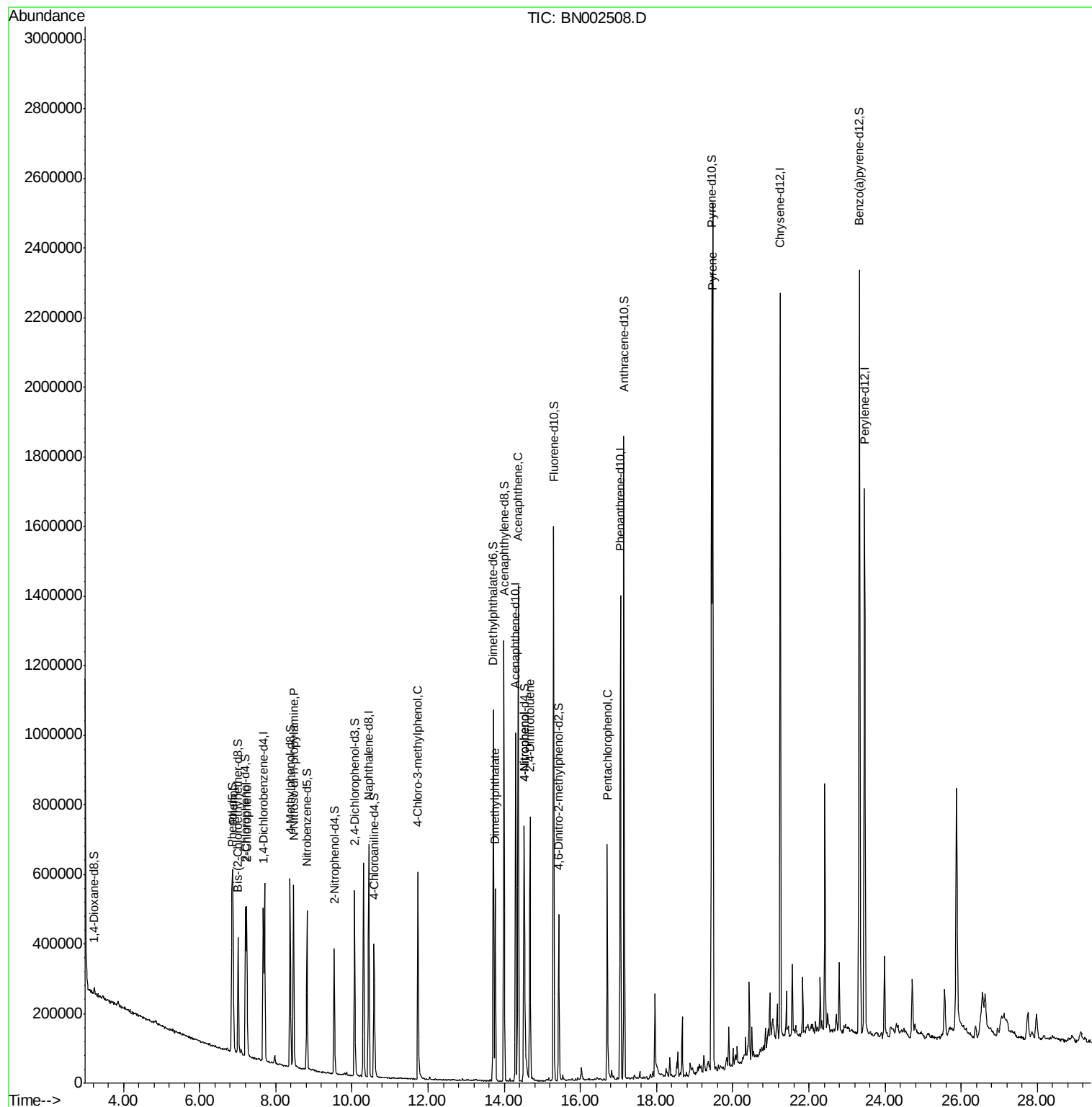
					Ovalue	
6) Phenol	6.88	94	266980	25.367	ng/ul#	91
10) 2-Chlorophenol	7.24	128	183701	23.179	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.47	70	172795	24.792	ng/ul#	81
33) 4-Chloro-3-methylphenol	11.73	107	227726	24.868	ng/ul	99
44) Dimethylphthalate	13.76	163	346060	13.045	ng/ul	100
49) Acenaphthene	14.36	153	556016	24.950	ng/ul	98
52) 4-Nitrophenol	14.53	109	100938	26.047	ng/ul#	83
54) 2,4-Dinitrotoluene	14.68	165	201918	24.987	ng/ul#	87
68) Pentachlorophenol	16.70	266	120746	24.220	ng/ul	98
79) Pyrene	19.48	202	1489691	25.616	ng/ul	99

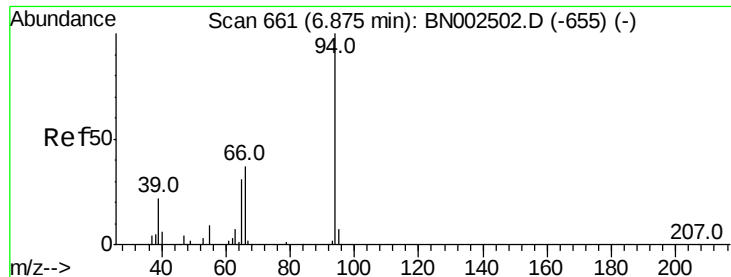
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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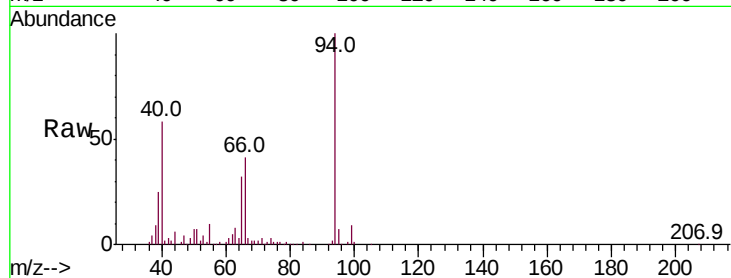
#6

Phenol

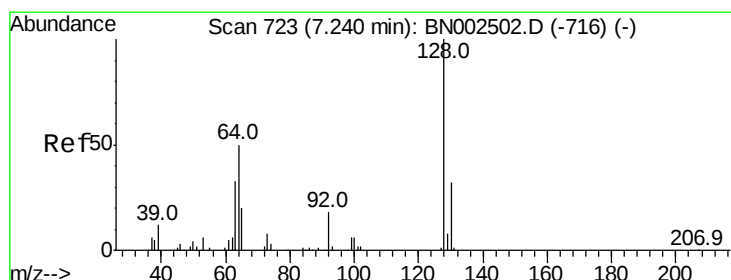
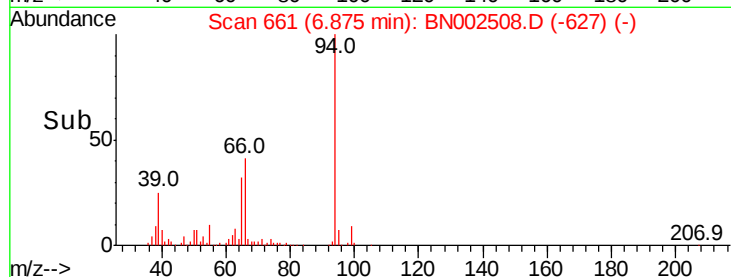
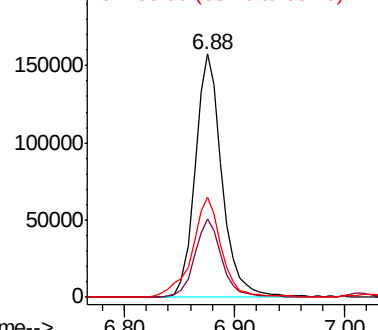
Concen: 25.367 ng/ul
 RT: 6.88 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BN002508.D
 Acq: 24 Aug 2018 19:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 266980
 Ion Ratio Lower Upper
 94 100
 65 32.1 21.0 31.6#
 66 41.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

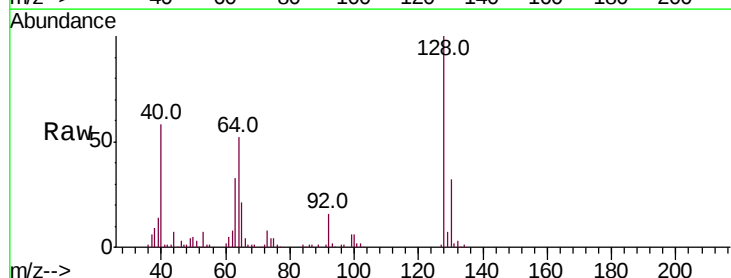


#10

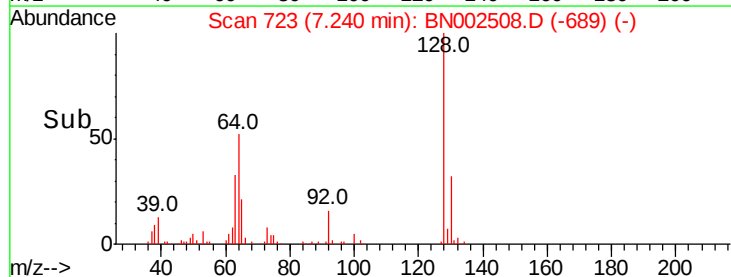
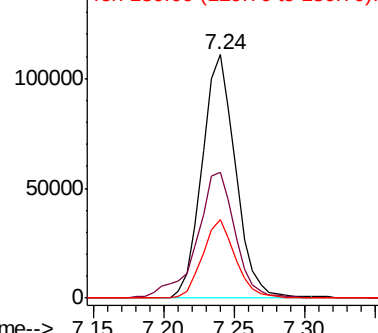
2-Chlorophenol

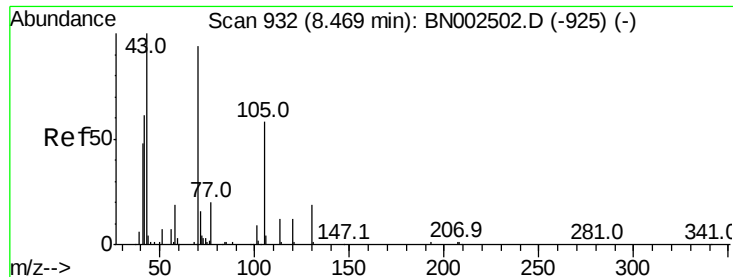
Concen: 23.179 ng/ul
 RT: 7.24 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BN002508.D
 Acq: 24 Aug 2018 19:24

Tgt Ion:128 Resp: 183701
 Ion Ratio Lower Upper
 128 100
 64 51.5 31.9 47.9#
 130 32.4 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 24.792 ng/ul

RT: 8.47 min Scan# 932

Delta R.T. -0.00 min

Lab File: BN002508.D

Acq: 24 Aug 2018 19:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 172795

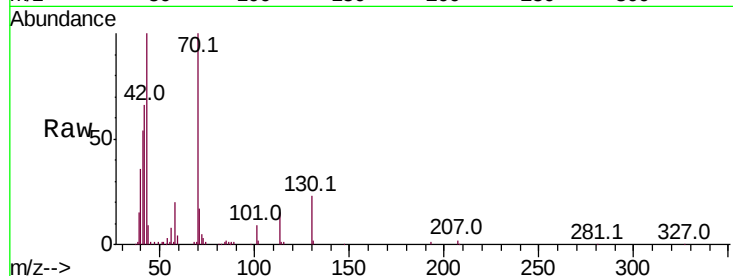
Ion Ratio Lower Upper

70 100

42 65.6 35.4 53.0#

101 9.5 8.4 12.6

130 22.7 18.2 27.4

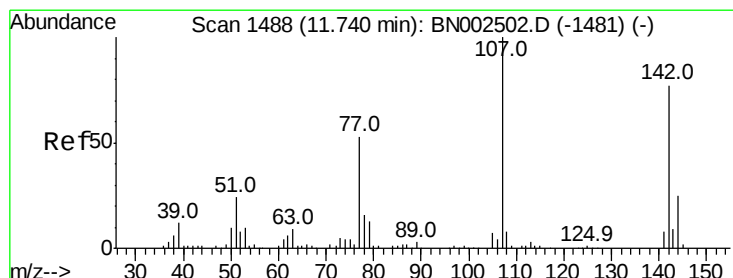
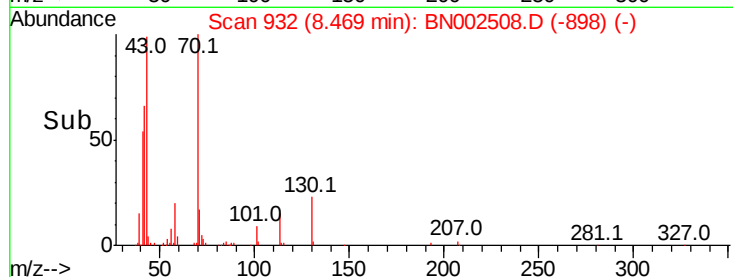
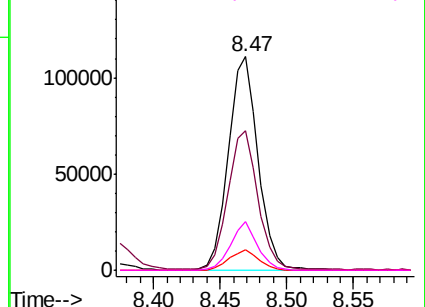


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 24.868 ng/ul

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN002508.D

Acq: 24 Aug 2018 19:24

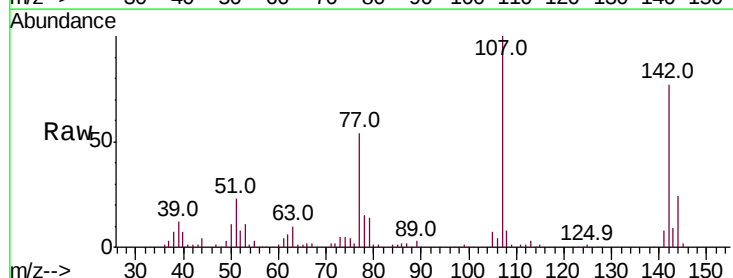
Tgt Ion:107 Resp: 227726

Ion Ratio Lower Upper

107 100

144 24.5 20.4 30.6

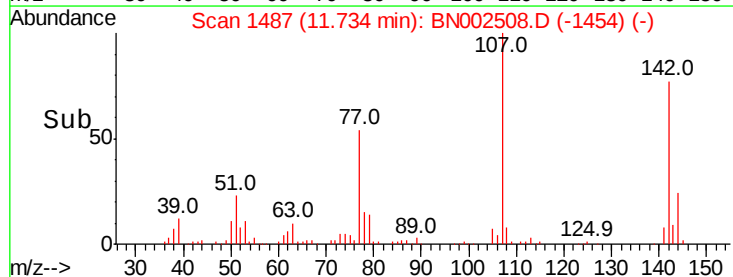
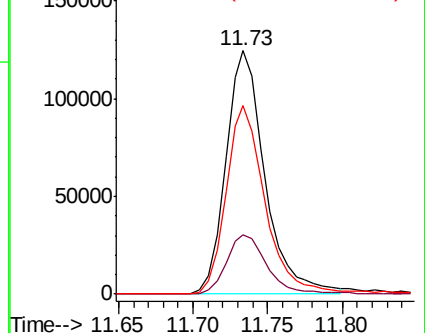
142 77.3 62.5 93.7

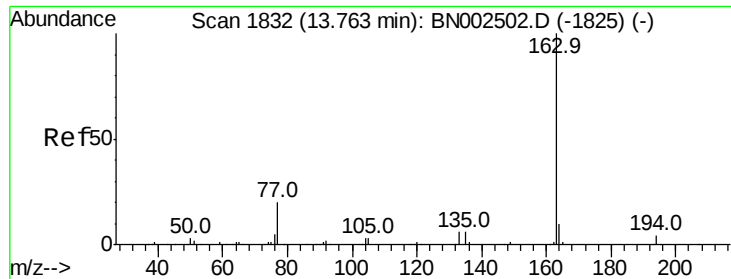


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 13.045 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BN002508.D

Acq: 24 Aug 2018 19:24

Instrument :

BNA_N

ClientSampleId :

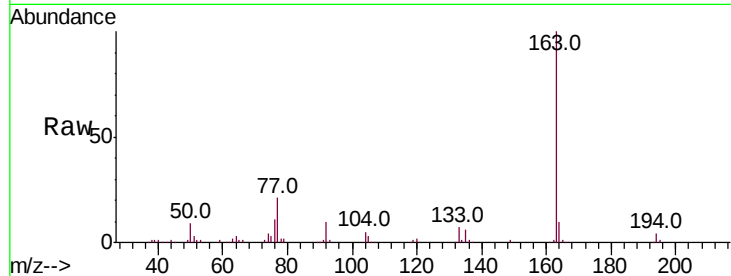
Tot Ion:163 Resp: 346060

Ion Ratio Lower Upper

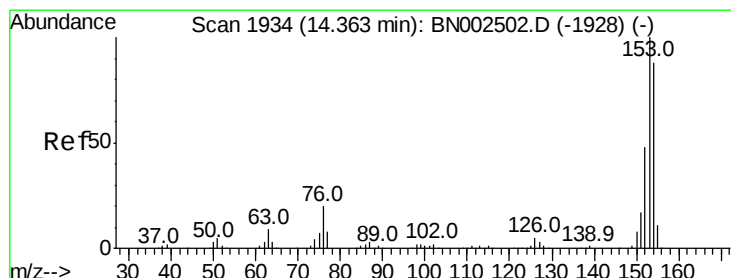
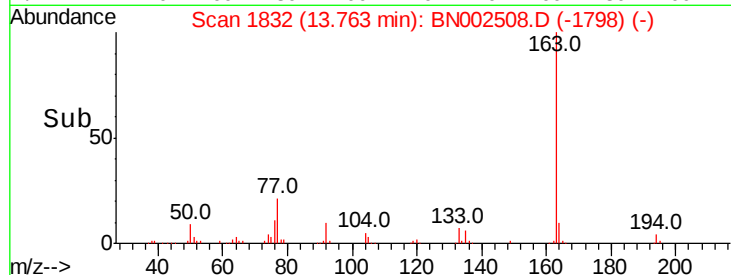
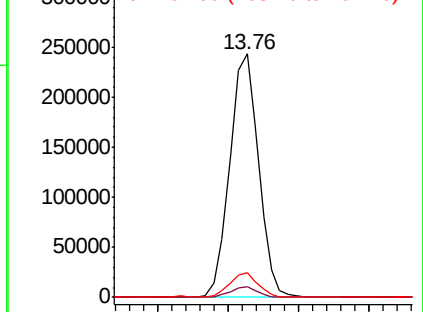
163 100

194 4.2 3.2 4.8

164 9.9 7.8 11.8



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: 24.950 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BN002508.D

Acq: 24 Aug 2018 19:24

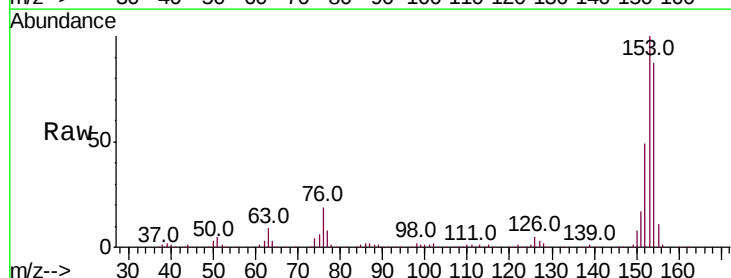
Tgt Ion:153 Resp: 556016

Ion Ratio Lower Upper

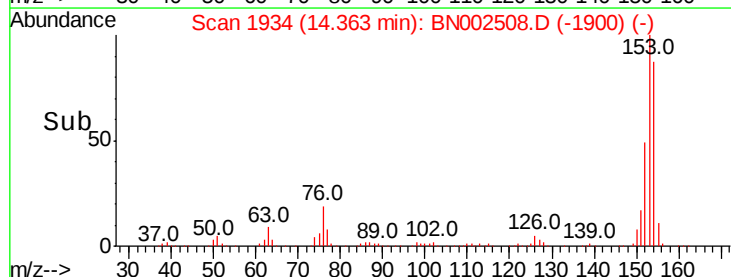
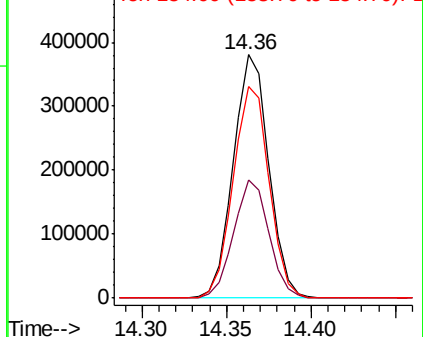
153 100

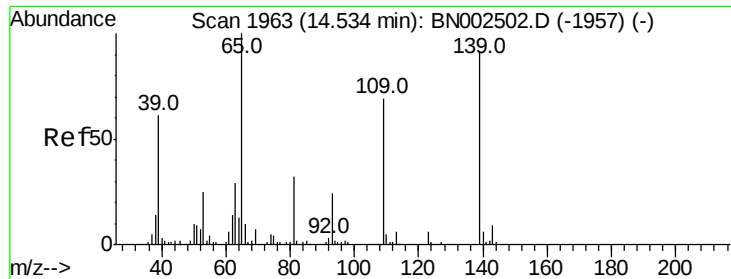
152 48.6 38.3 57.5

154 87.2 71.8 107.8



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: 26.047 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN002508.D

Acq: 24 Aug 2018 19:24

Instrument :

BNA_N

ClientSampleId :

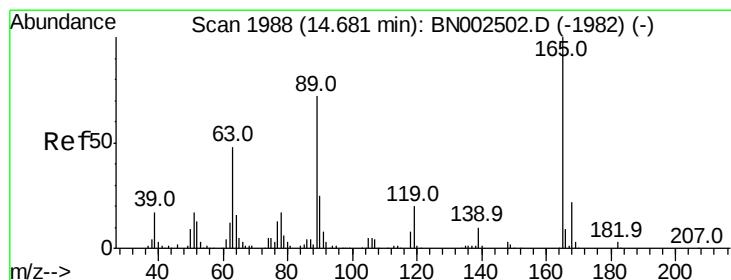
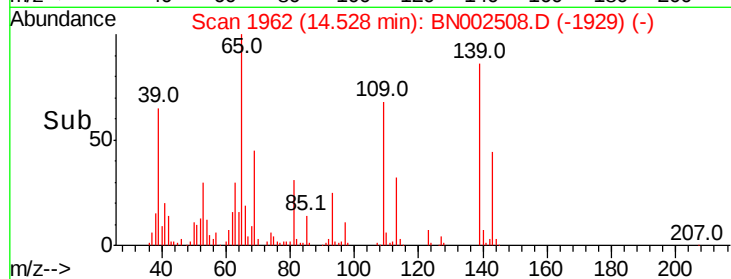
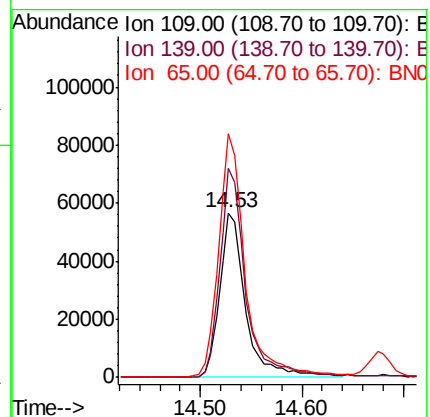
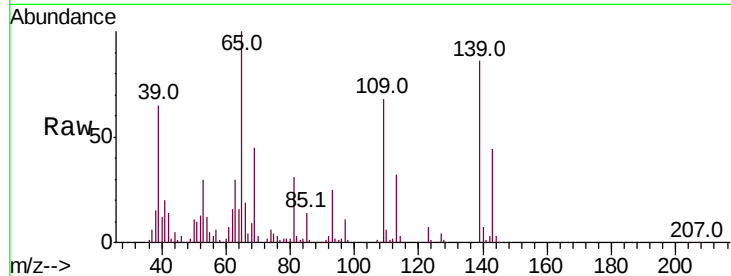
Tot Ion:109 Resp: 100938

Ion Ratio Lower Upper

109 100

139 127.2 103.7 155.5

65 148.0 89.4 134.2#



#54

2,4-Dinitrotoluene

Concen: 24.987 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN002508.D

Acq: 24 Aug 2018 19:24

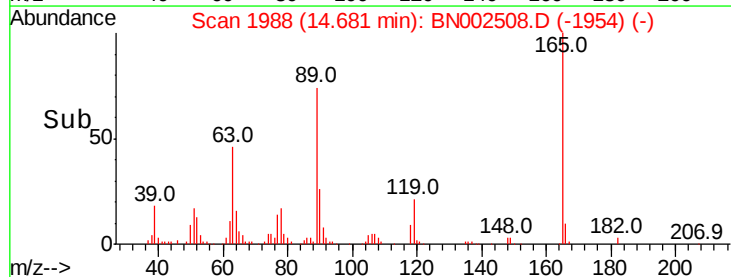
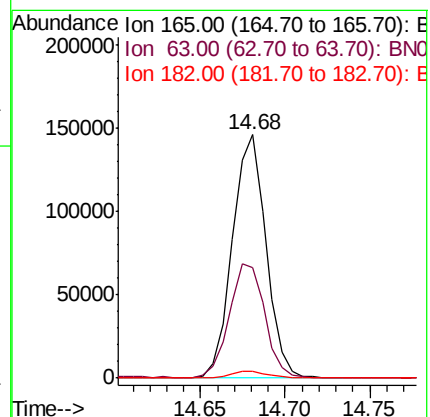
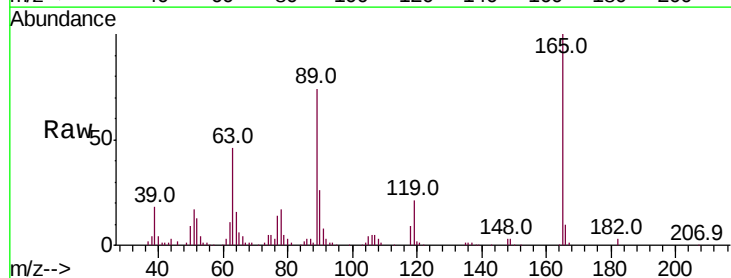
Tgt Ion:165 Resp: 201918

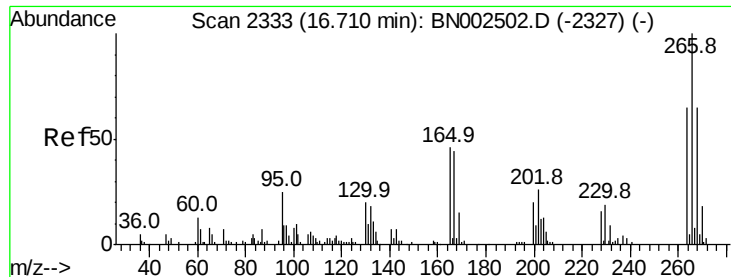
Ion Ratio Lower Upper

165 100

63 45.6 29.8 44.6#

182 2.6 2.2 3.4

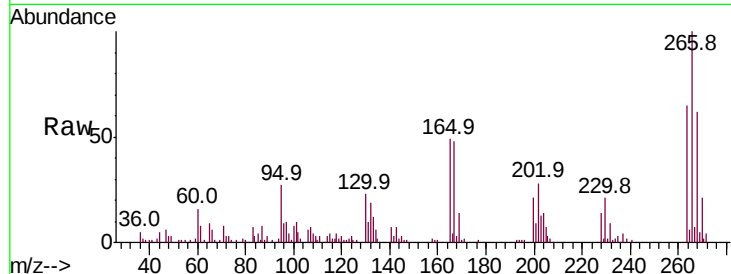




#68
 Pentachlorophenol
 Concen: 24.220 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BN002508.D
 Acq: 24 Aug 2018 19:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.5	50.5	75.7
268	62.3	50.9	76.3

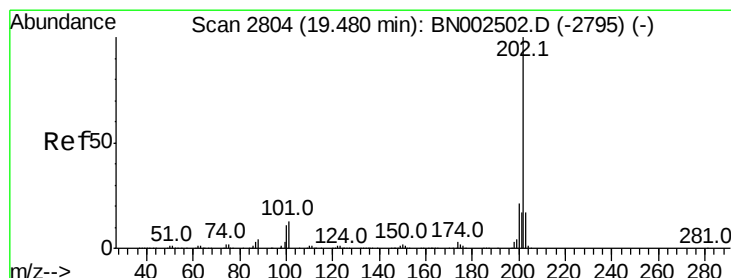
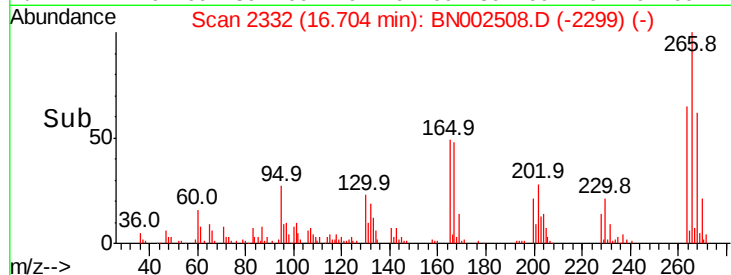
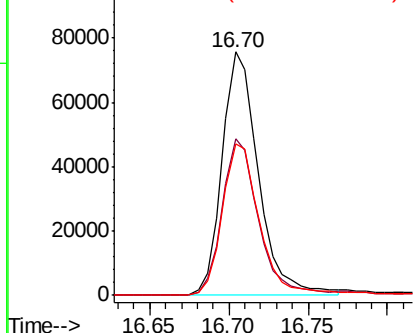


Abundance

Ion 265.70 (265.40 to 266.40): E

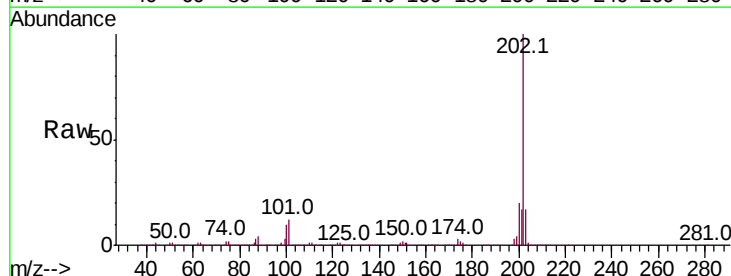
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 25.616 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BN002508.D
 Acq: 24 Aug 2018 19:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.2
100	10.2	8.5	12.7



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

