

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
 Data File : BN003548.D
 Acq On : 15 Nov 2018 03:44
 Operator : MJ/SJ
 Sample : J5833-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ESNS3MS

Quant Time: Nov 15 06:42:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 15 01:42:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	112314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	465643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	262229	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	622201	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	770216	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	753691	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13081	5.51	ng/uL	0.00
5) Phenol-d5	6.99	99	281404	30.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	168140	32.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	243631	30.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	242744	31.14	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	127019	35.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	134696	33.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	237632	30.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	367319	55.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	829835	38.18	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	971969	35.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	131967	30.28	ng/ul	0.00
57) Fluorene-d10	15.47	176	709689	38.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	122542	28.03	ng/ul	0.00
70) Anthracene-d10	17.32	188	1125941	36.83	ng/ul	0.00
78) Pyrene-d10	19.62	212	1275657	33.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	1529561	37.49	ng/ul	0.00

Target Compounds

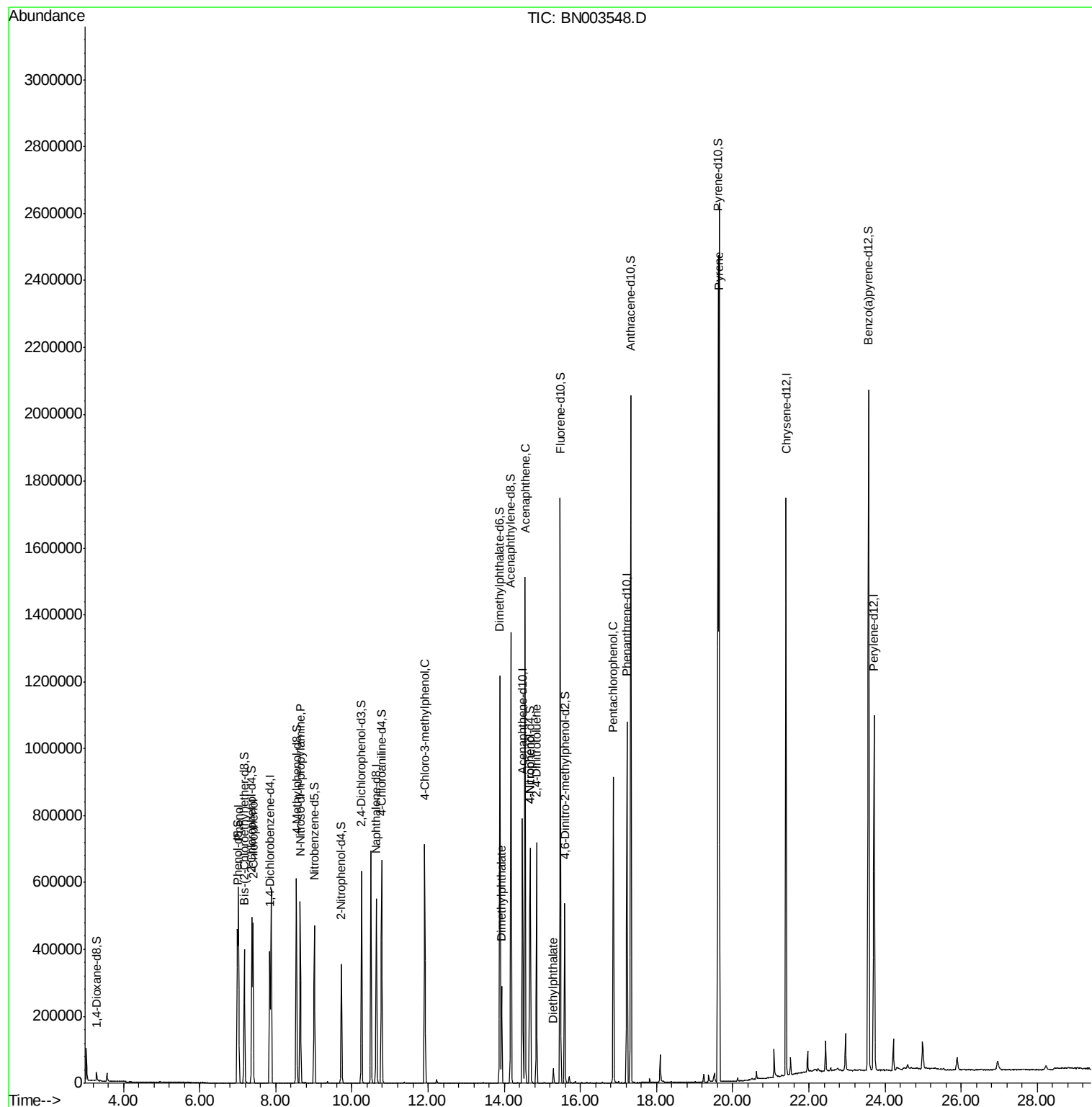
					Ovalue
6) Phenol	7.02	94	329442	35.273	ng/ul 99
10) 2-Chlorophenol	7.40	128	228623	28.665	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.65	70	197012	35.611	ng/ul 99
33) 4-Chloro-3-methylphenol	11.91	107	247805	34.172	ng/ul 99
44) Dimethylphthalate	13.93	163	195973	9.180	ng/ul 100
49) Acenaphthene	14.55	153	611493	33.434	ng/ul 100
52) 4-Nitrophenol	14.69	109	88763	32.734	ng/ul 97
54) 2,4-Dinitrotoluene	14.85	165	231767	35.786	ng/ul 99
56) Diethylphthalate	15.29	149	24500	1.212	ng/ul 100
68) Pentachlorophenol	16.86	266	172423	32.494	ng/ul 99
79) Pyrene	19.65	202	1475714	31.513	ng/ul 99

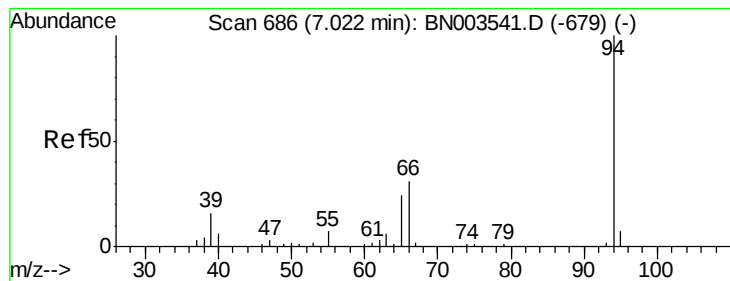
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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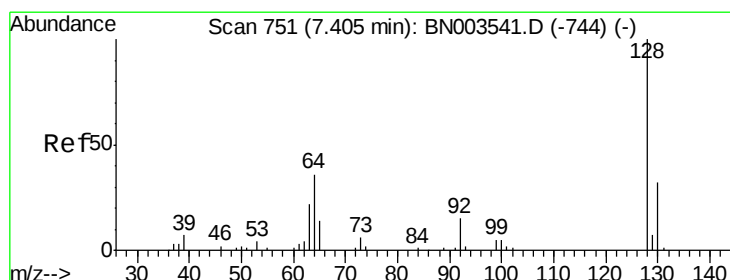
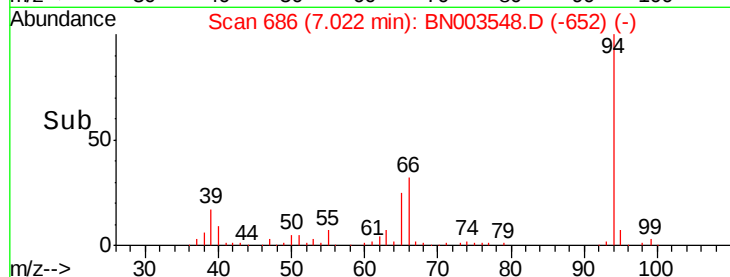
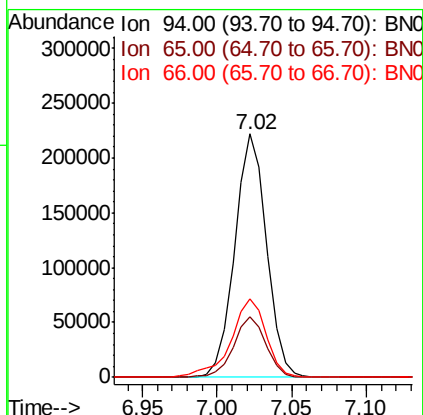
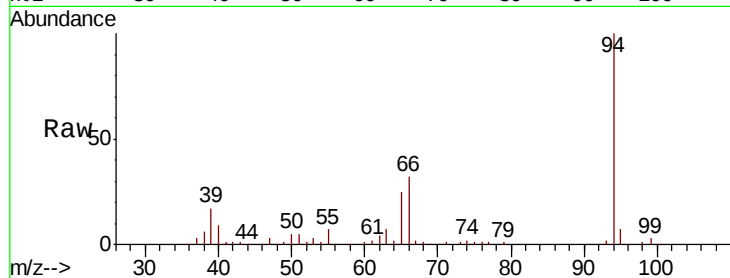
#6

Phenol

Concen: 35.273 ng/ul
 RT: 7.02 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BN003548.D
 Acq: 15 Nov 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 ESNS3MS

Tot Ion: 94 Resp: 329442
 Ion Ratio Lower Upper
 94 100
 65 24.8 19.2 28.8
 66 32.2 25.8 38.6

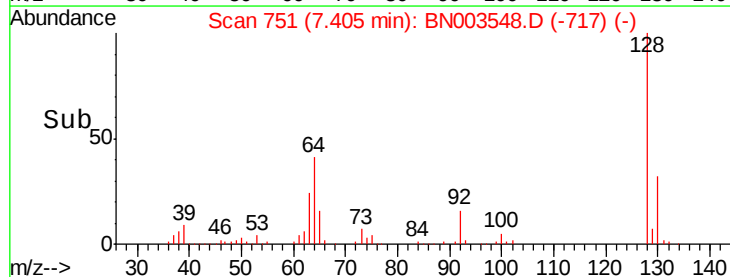
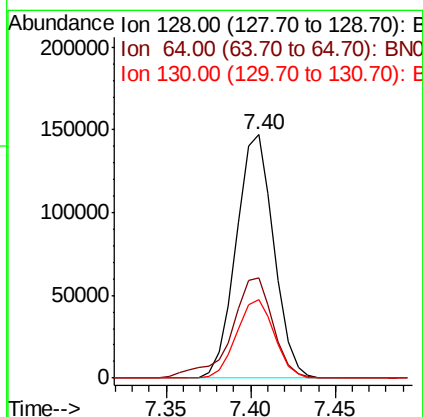
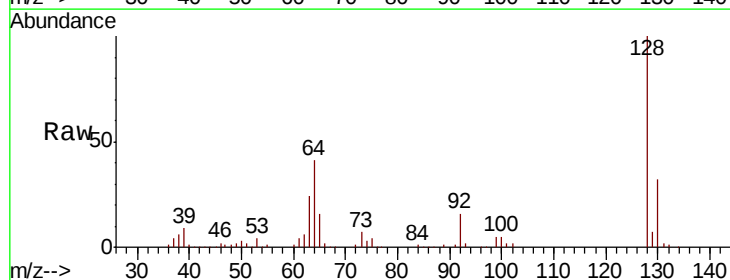


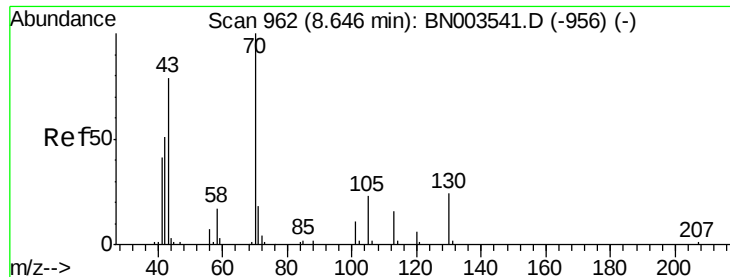
#10

2-Chlorophenol

Concen: 28.665 ng/ul
 RT: 7.40 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BN003548.D
 Acq: 15 Nov 2018 03:44

Tgt Ion: 128 Resp: 228623
 Ion Ratio Lower Upper
 128 100
 64 41.0 33.3 49.9
 130 32.5 26.3 39.5





#15

N-Nitroso-di-n-propylamine

Concen: 35.611 ng/ul

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

Instrument :

BNA_N

ClientSampleId :

ESNS3MS

Tot Ion: 70 Resp: 197012

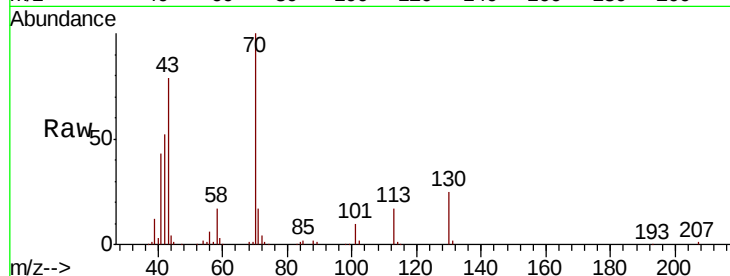
Ion Ratio Lower Upper

70 100

42 51.6 41.0 61.4

101 10.4 8.2 12.2

130 25.1 19.8 29.6

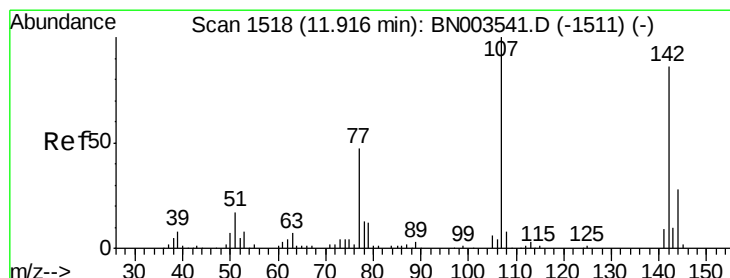
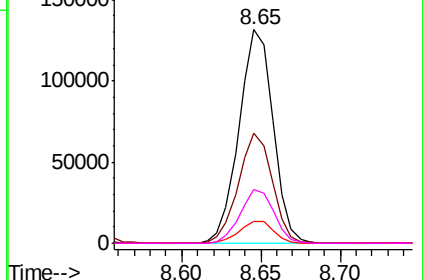
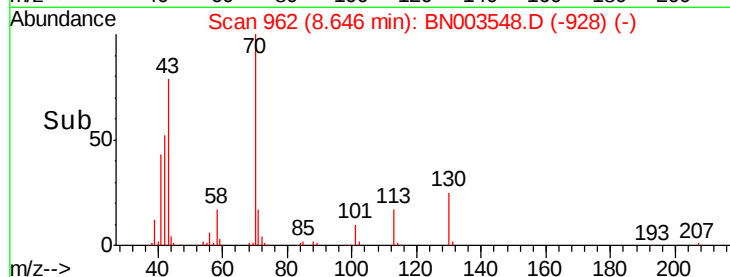


Abundance Ion 70.00 (69.70 to 70.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 101.00 (100.70 to 101.70): BNO

Ion 130.00 (129.70 to 130.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 34.172 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

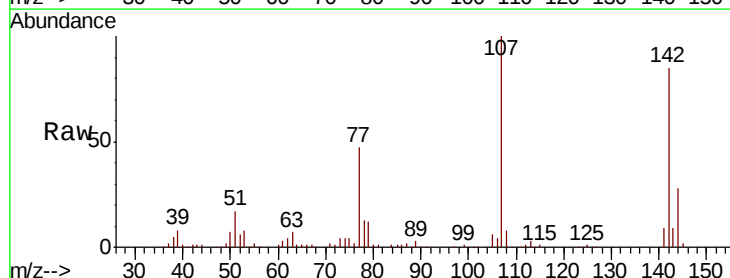
Tgt Ion: 107 Resp: 247805

Ion Ratio Lower Upper

107 100

144 27.6 22.2 33.4

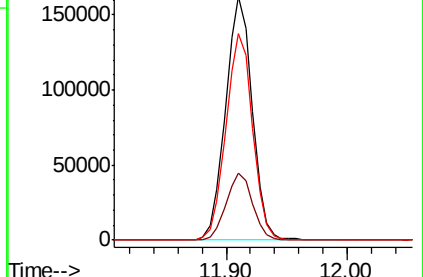
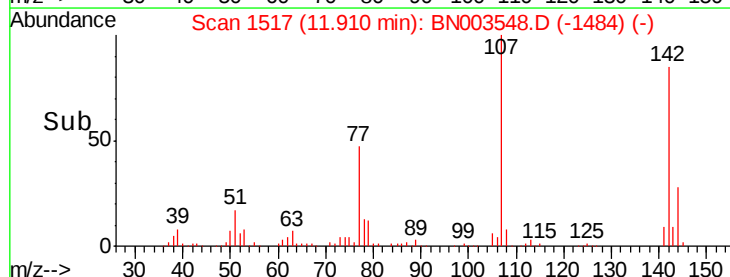
142 84.8 67.3 100.9

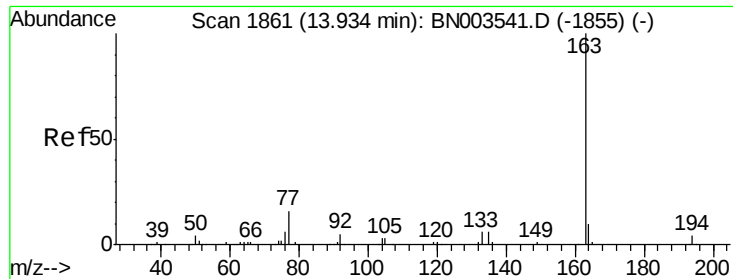


Abundance Ion 107.00 (106.70 to 107.70): BNO

Ion 144.00 (143.70 to 144.70): BNO

Ion 142.00 (141.70 to 142.70): BNO





#44

Dimethylphthalate

Concen: 9.180 ng/ul

RT: 13.93 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

Instrument :

BNA_N

ClientSampleId :

ESNS3MS

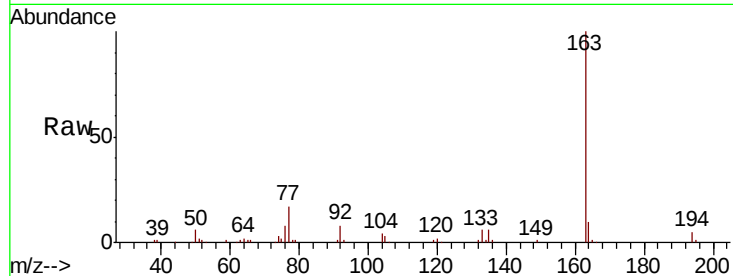
Tot Ion:163 Resp: 195973

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.1 8.0 12.0

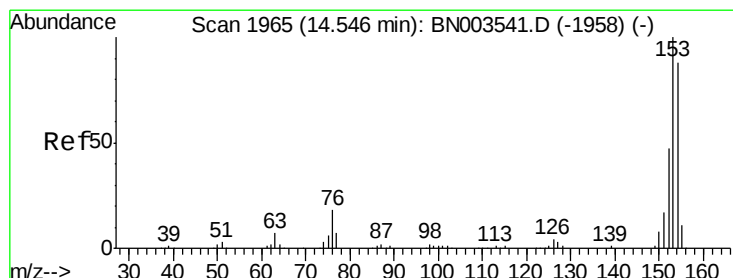
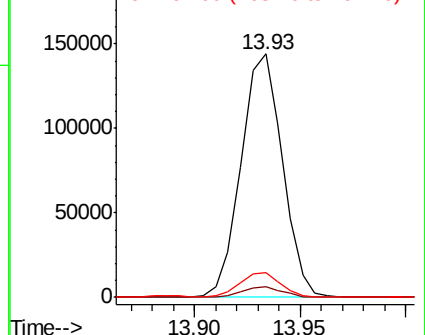
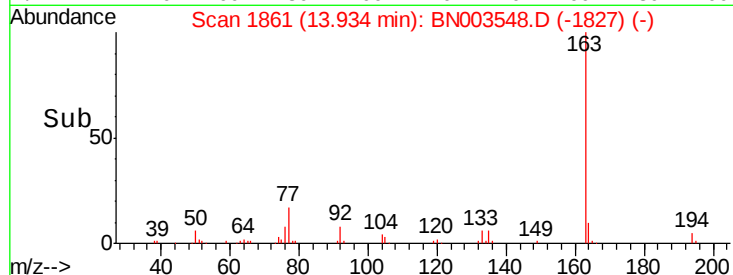


Abundance

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: 33.434 ng/ul

RT: 14.55 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

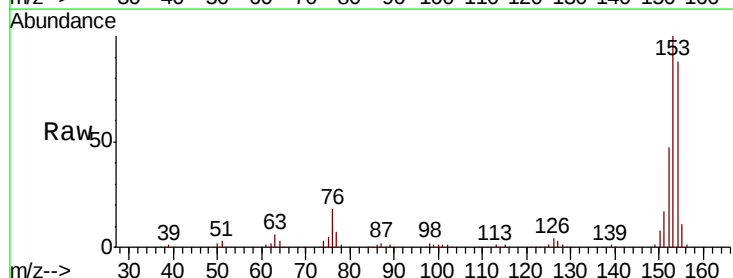
Tgt Ion:153 Resp: 611493

Ion Ratio Lower Upper

153 100

152 46.7 37.5 56.3

154 88.4 70.7 106.1

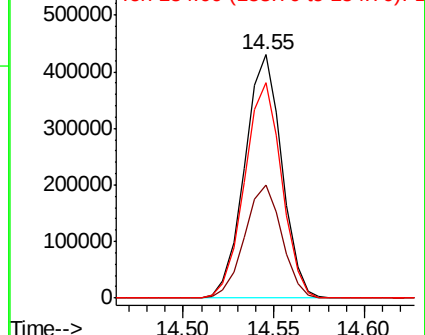
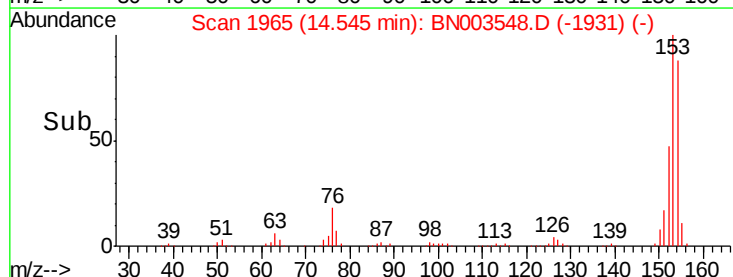


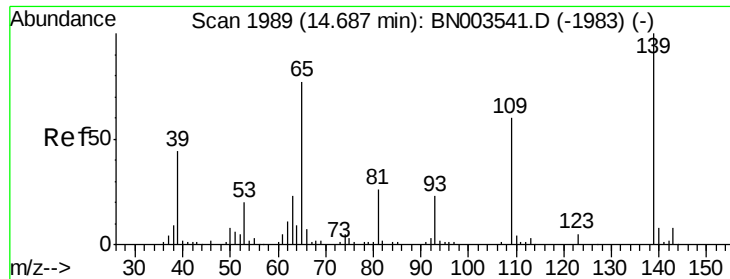
Abundance

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: 32.734 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

Instrument :

BNA_N

ClientSampleId :

ESNS3MS

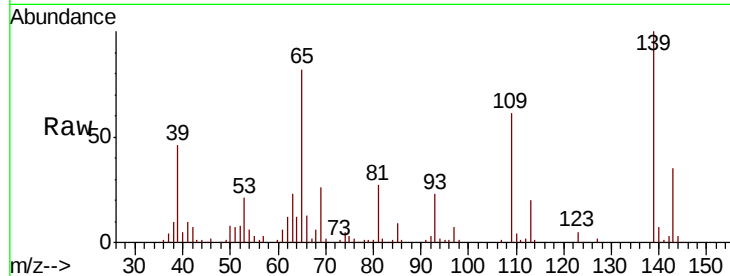
Tot Ion:109 Resp: 88763

Ion Ratio Lower Upper

109 100

139 162.7 133.6 200.4

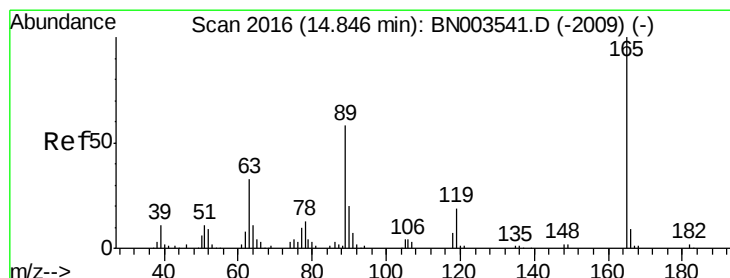
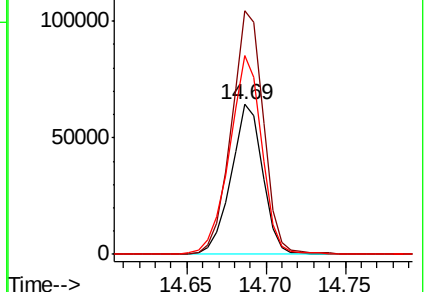
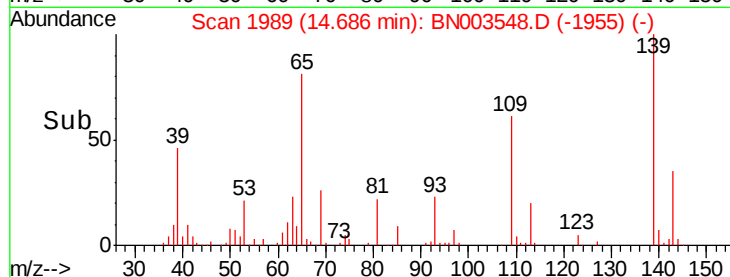
65 132.9 103.7 155.5



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: 35.786 ng/ul

RT: 14.85 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

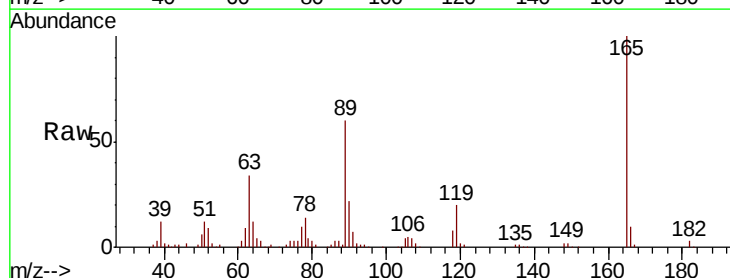
Tgt Ion:165 Resp: 231767

Ion Ratio Lower Upper

165 100

63 34.2 26.8 40.2

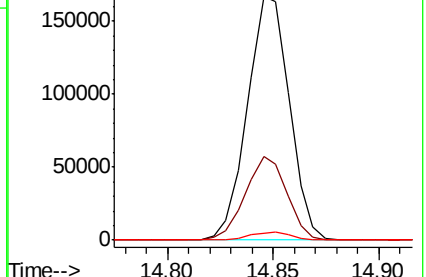
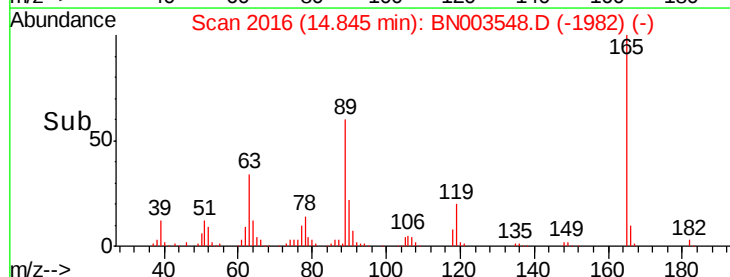
182 3.1 2.5 3.7

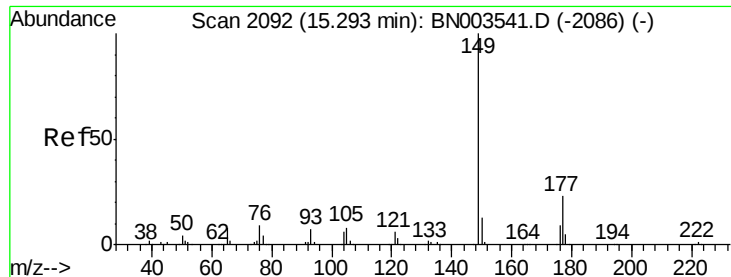


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 1.212 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

Instrument :

BNA_N

ClientSampled :

ESNS3MS

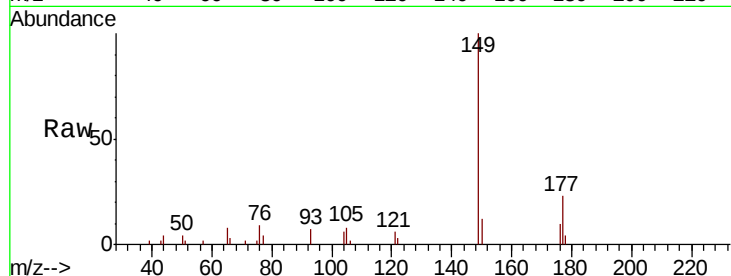
Tot Ion:149 Resp: 24500

Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.4

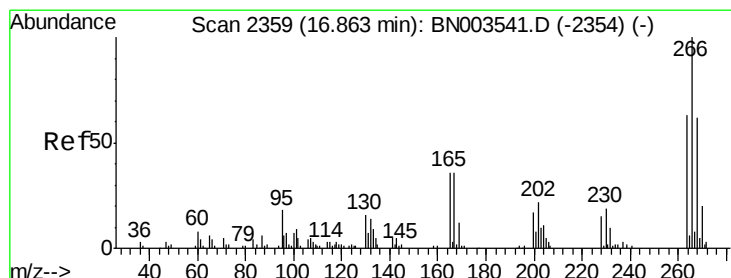
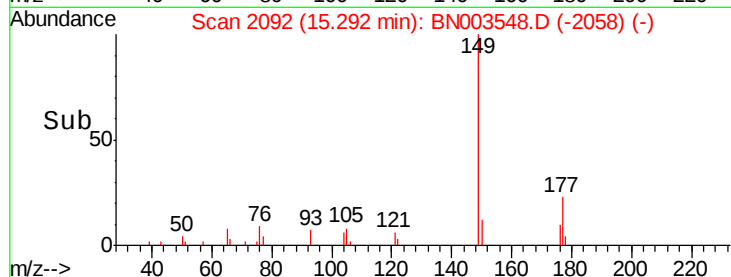
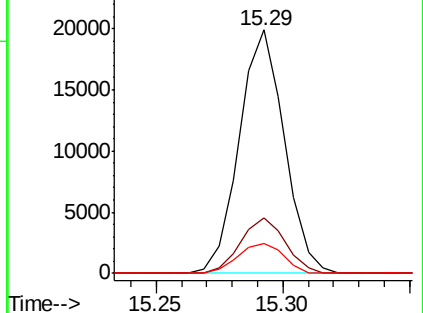
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#68

Pentachlorophenol

Concen: 32.494 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BN003548.D

Acq: 15 Nov 2018 03:44

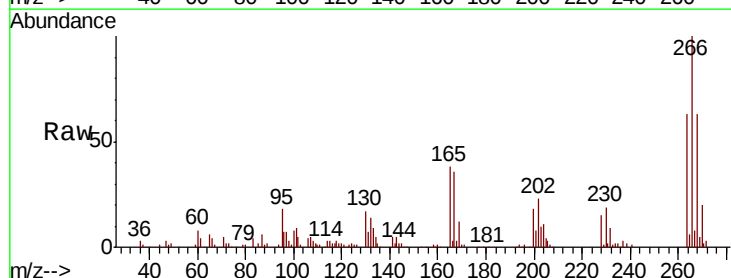
Tgt Ion:266 Resp: 172423

Ion Ratio Lower Upper

266 100

264 62.9 50.6 76.0

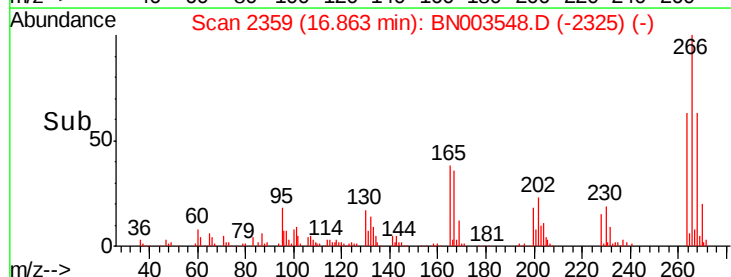
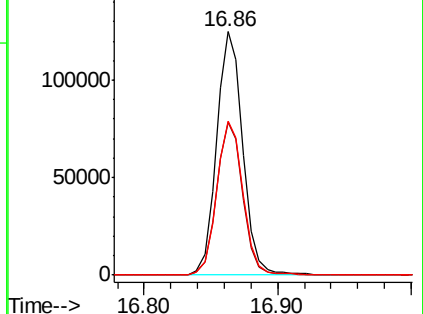
268 63.1 51.3 76.9

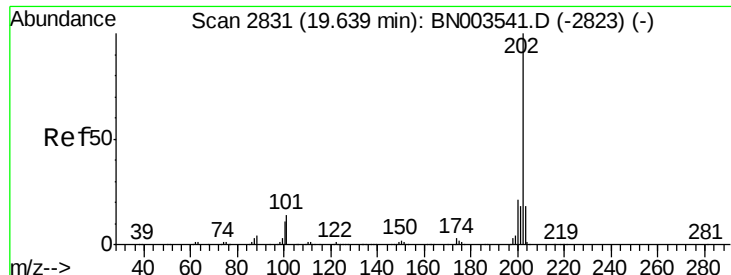


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 31.513 ng/ul

RT: 19.65 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BN003548.D

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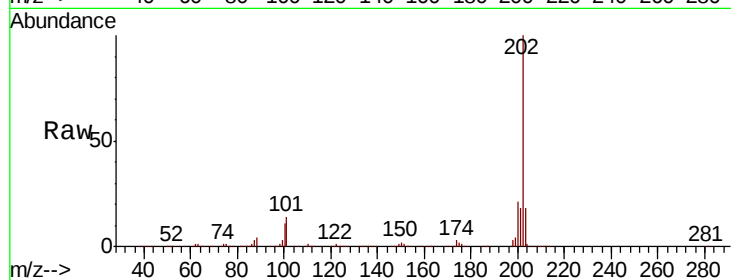
Tot Ion:202 Resp: 1475714

Ion Ratio Lower Upper

202 100

101 13.5 11.0 16.4

100 11.1 9.4 14.0



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

