

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
 Data File : BN002124.D
 Acq On : 24 Jul 2018 01:59
 Operator : JU/SJ
 Sample : J4038-11MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1M5MS

Quant Time: Jul 24 04:35:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 24 02:24:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	263887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1196613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	708537	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1599357	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1449345	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1160809	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	14828	2.54	ng/uL	0.00
5) Phenol-d5	6.88	99	368556	14.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	238328	15.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	305915	15.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	314825	15.73	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	164106	16.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	184489	16.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	322551	15.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	431899	18.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1151844	19.18	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1361241	18.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	170641	14.87	ng/ul	0.00
57) Fluorene-d10	15.33	176	978420	18.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	138590	13.30	ng/ul	0.00
70) Anthracene-d10	17.17	188	1527725	19.59	ng/ul	0.00
78) Pyrene-d10	19.47	212	1677260	22.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1281235	20.44	ng/ul	0.00

Target Compounds

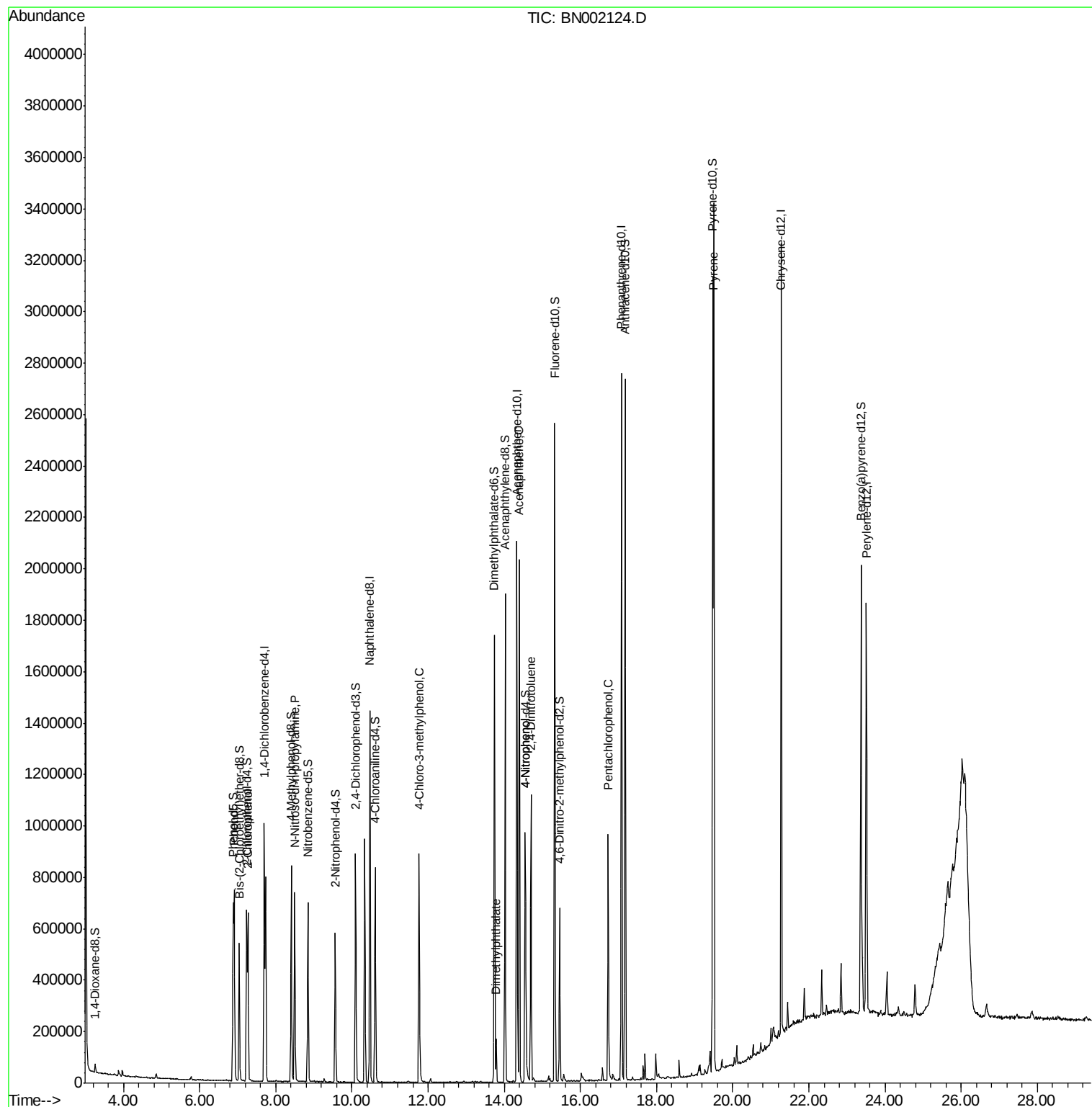
					Qvalue
6) Phenol	6.90	94	379170	15.194	ng/ul 94
10) 2-Chlorophenol	7.27	128	274904	14.041	ng/ul# 90
15) N-Nitroso-di-n-propylamine	8.50	70	255654	15.357	ng/ul# 87
33) 4-Chloro-3-methylphenol	11.76	107	341466	15.584	ng/ul 99
44) Dimethylphthalate	13.79	163	98756	1.679	ng/ul 98
49) Acenaphthene	14.39	153	827859	16.722	ng/ul 98
52) 4-Nitrophenol	14.56	109	124920	15.577	ng/ul# 82
54) 2,4-Dinitrotoluene	14.70	165	313658	17.393	ng/ul 92
68) Pentachlorophenol	16.73	266	168821	15.239	ng/ul 98
79) Pyrene	19.50	202	1957558	21.048	ng/ul 99

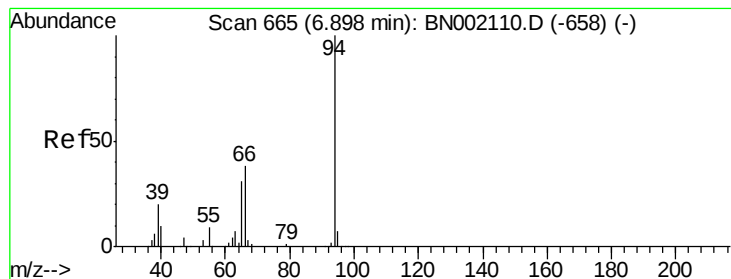
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 15.194 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

Instrument :

BNA_N

ClientSampleId :

DB1M5MS

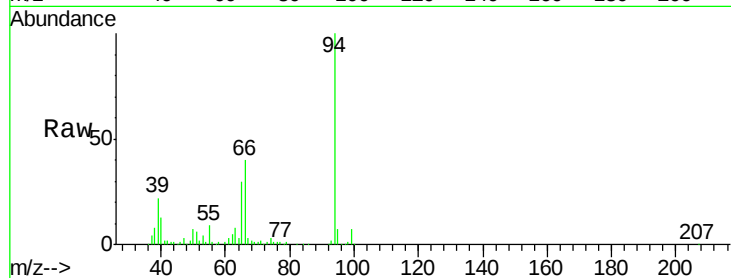
Tgt Ion: 94 Resp: 379170

Ion Ratio Lower Upper

94 100

65 30.1 21.0 31.6

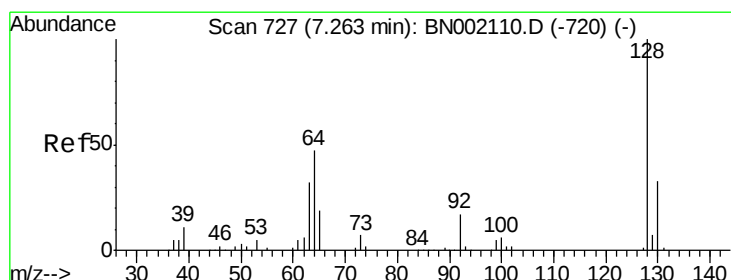
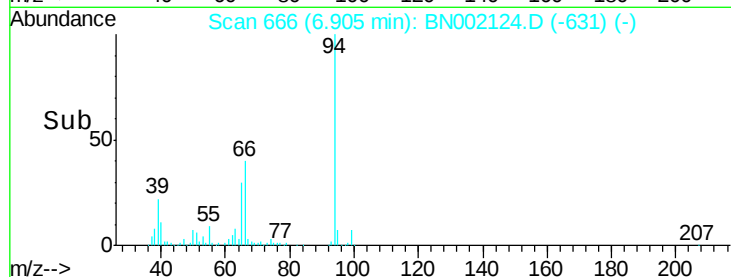
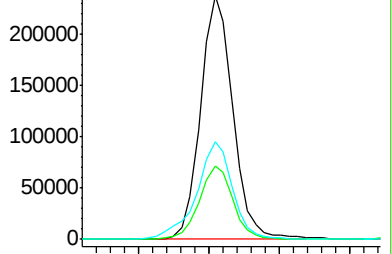
66 39.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002110.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN002110.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN002110.D (-658) (-)



#10

2-Chlorophenol

Concen: 14.041 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. 0.01 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

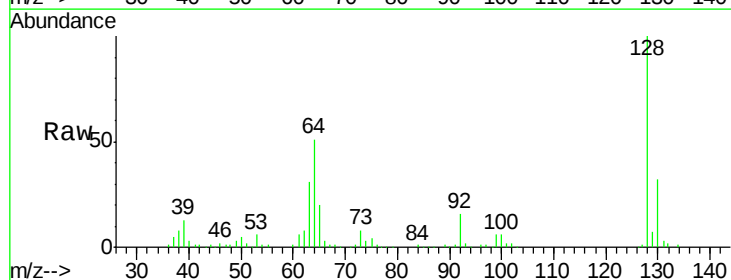
Tgt Ion: 128 Resp: 274904

Ion Ratio Lower Upper

128 100

64 50.7 31.9 47.9#

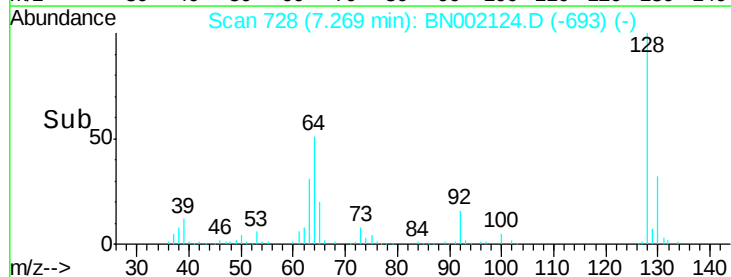
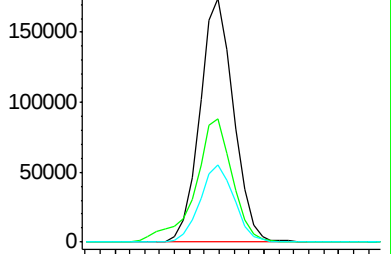
130 31.7 25.6 38.4

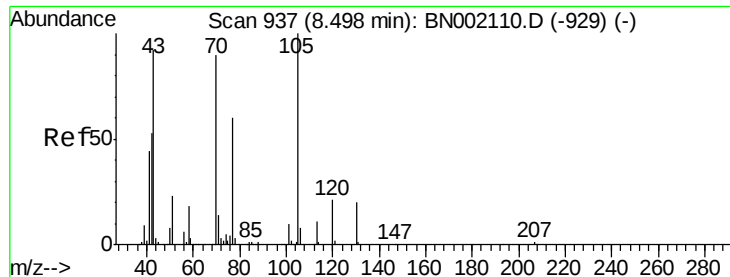


Abundance Ion 128.00 (127.70 to 128.70): BN002110.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BN002110.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BN002110.D (-720) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 15.357 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. 0.00 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

Instrument :

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DB1M5MS

Tgt Ion: 70 Resp: 255654

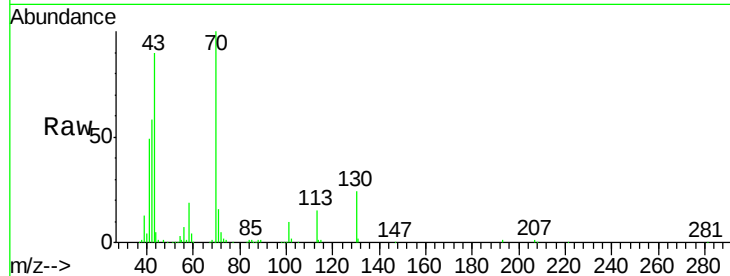
Ion Ratio Lower Upper

70 100

42 58.1 35.4 53.0#

101 10.4 8.4 12.6

130 23.8 18.2 27.4

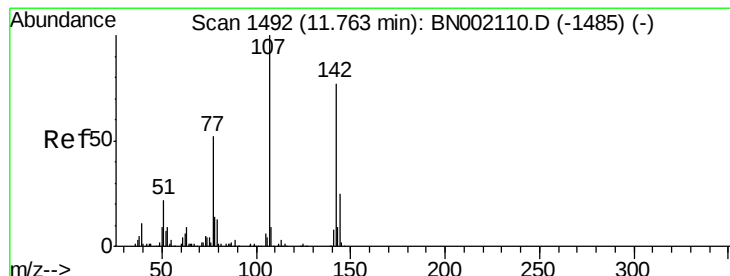
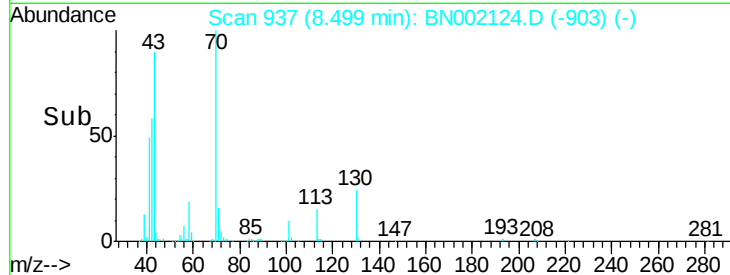
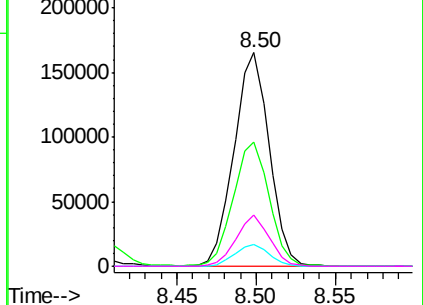


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 15.584 ng/ul

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

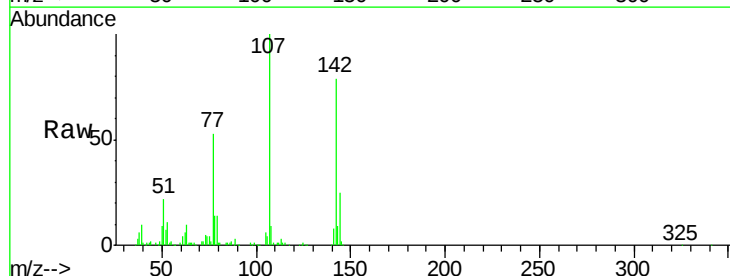
Tgt Ion: 107 Resp: 341466

Ion Ratio Lower Upper

107 100

144 25.4 20.4 30.6

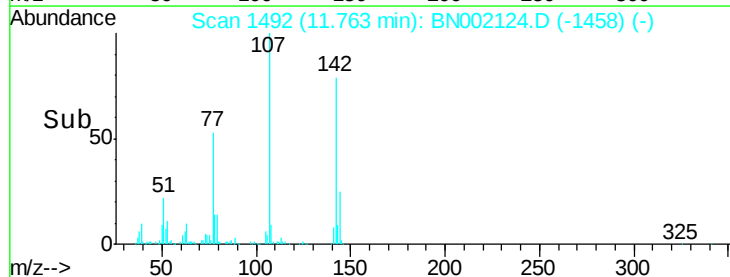
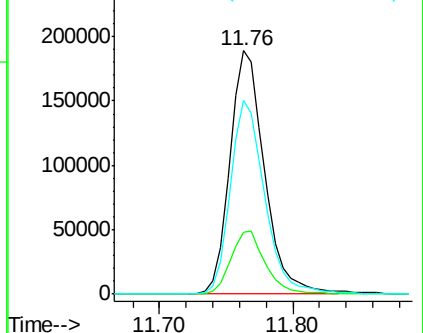
142 79.4 62.5 93.7

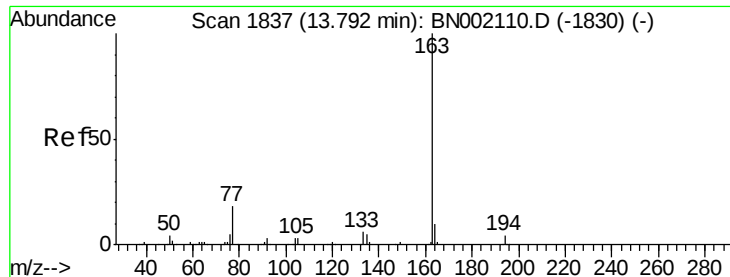


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 1.679 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

Instrument :

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DB1M5MS

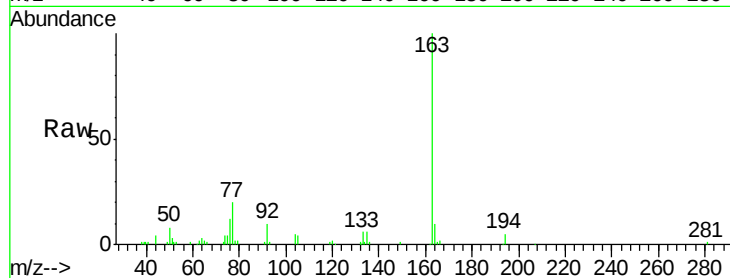
Tgt Ion:163 Resp: 98756

Ion Ratio Lower Upper

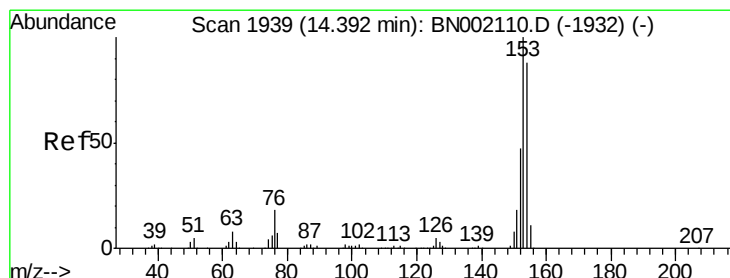
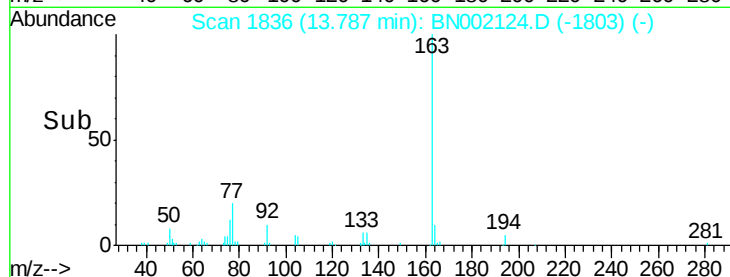
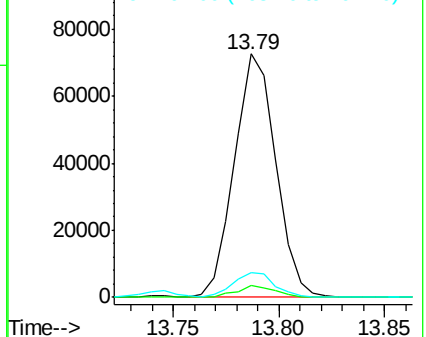
163 100

194 4.7 3.2 4.8

164 10.3 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: 16.722 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

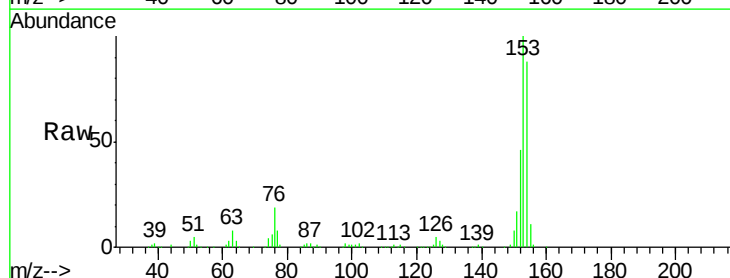
Tgt Ion:153 Resp: 827859

Ion Ratio Lower Upper

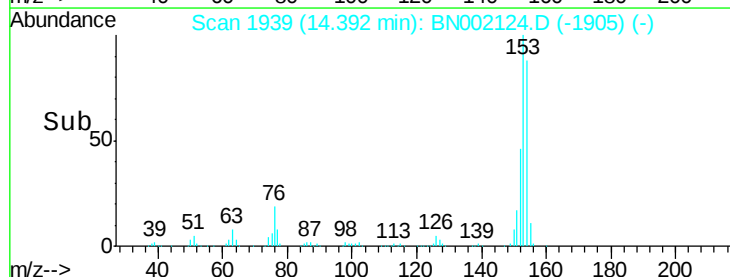
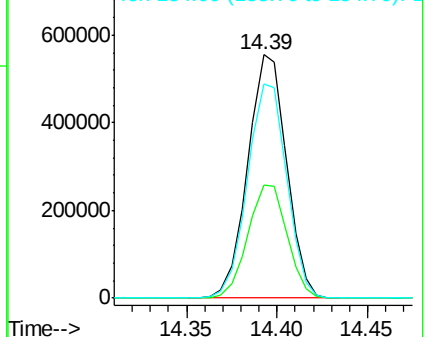
153 100

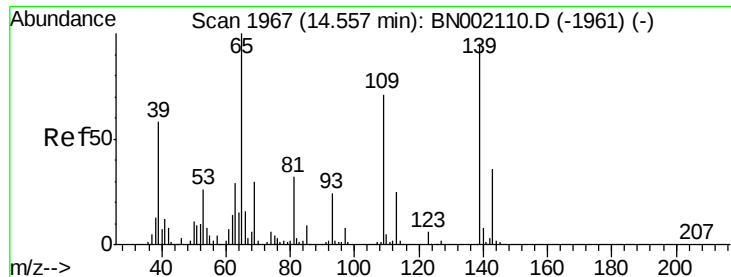
152 46.5 38.3 57.5

154 88.0 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: 15.577 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

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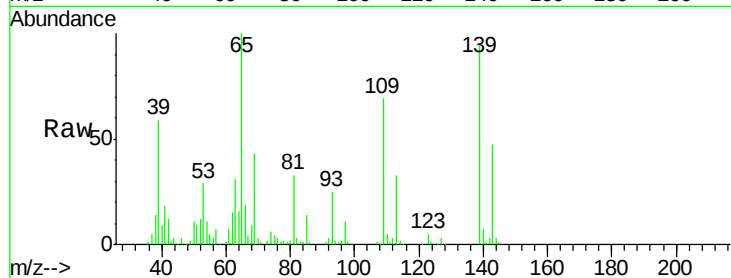
Tgt Ion:109 Resp: 124920

Ion Ratio Lower Upper

109 100

139 137.1 103.7 155.5

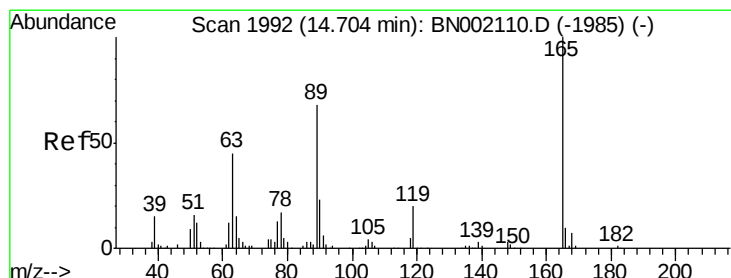
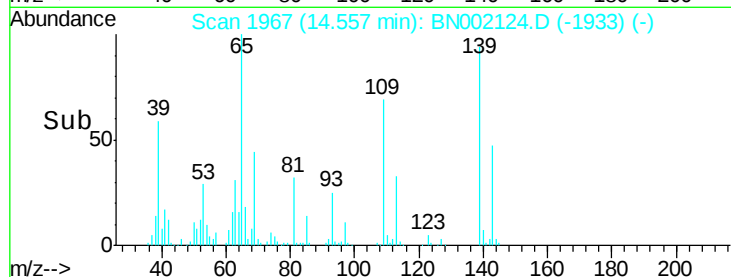
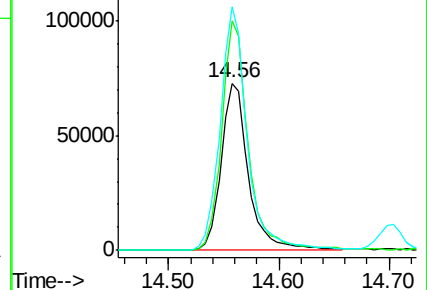
65 145.7 89.4 134.2#



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: 17.393 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

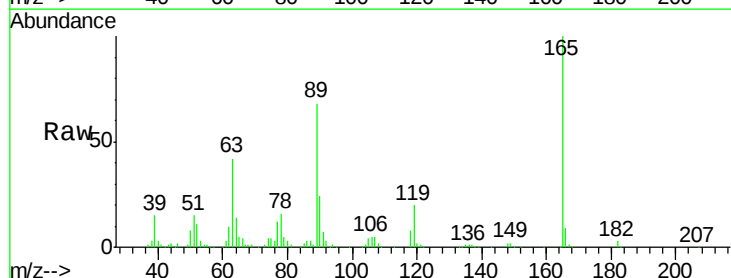
Tgt Ion:165 Resp: 313658

Ion Ratio Lower Upper

165 100

63 42.5 29.8 44.6

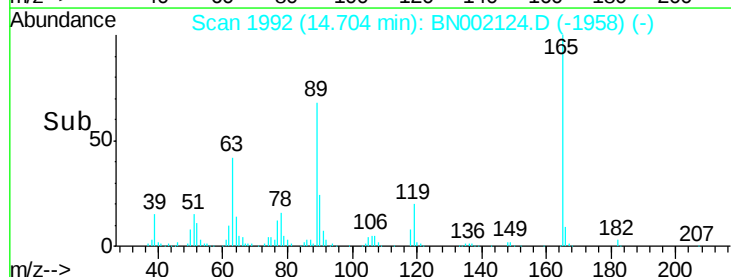
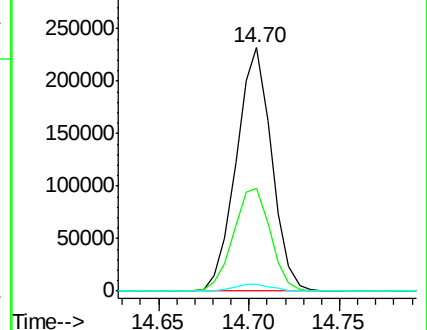
182 2.9 2.2 3.4

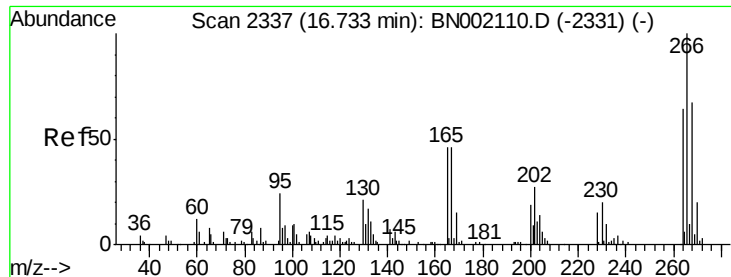


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 15.239 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN002124.D

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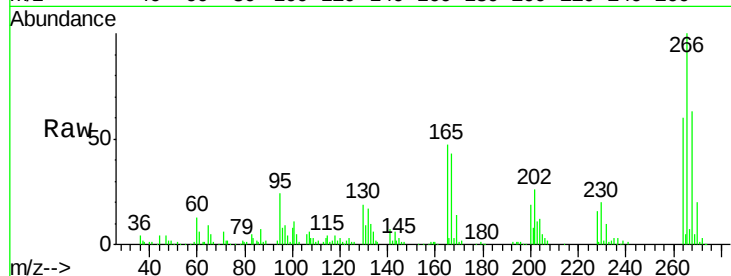
Tgt Ion:266 Resp: 168821

Ion Ratio Lower Upper

266 100

264 60.2 50.5 75.7

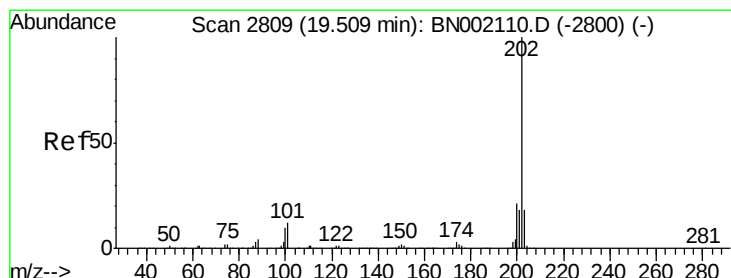
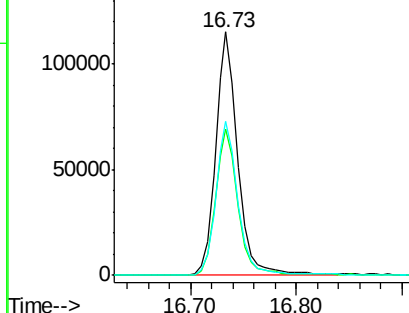
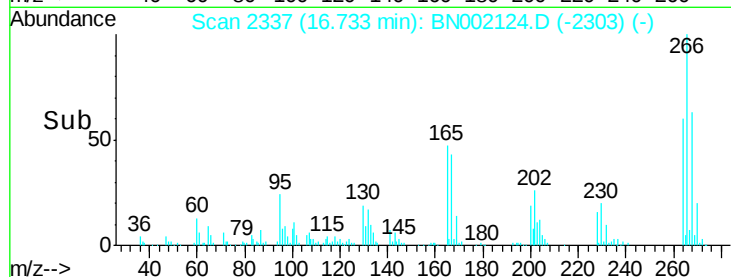
268 63.2 50.9 76.3



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: 21.048 ng/ul

RT: 19.50 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BN002124.D

Acq: 24 Jul 2018 01:59

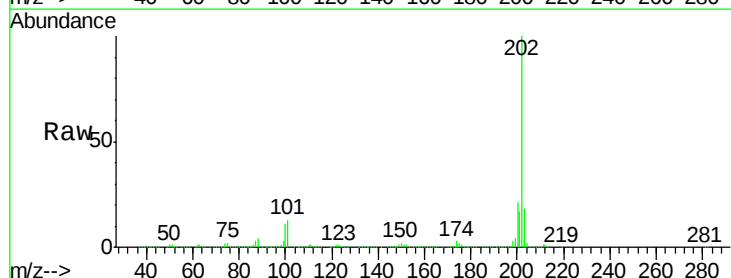
Tgt Ion:202 Resp: 1957558

Ion Ratio Lower Upper

202 100

101 12.9 10.2 15.2

100 11.0 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

