

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
 Data File : BN002125.D
 Acq On : 24 Jul 2018 02:35
 Operator : JU/SJ
 Sample : J4038-12MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1M5MSD

Quant Time: Jul 24 04:21:21 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	281572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1302296	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	782064	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1714617	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1474735	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1155411	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	21266	3.41	ng/uL	0.00
5) Phenol-d5	6.88	99	518422	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	333806	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	425460	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	415389	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	228946	21.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	258681	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	439771	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	575560	22.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1466917	22.13	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1797689	21.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	229073	18.09	ng/ul	0.00
57) Fluorene-d10	15.33	176	1248627	21.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	190160	17.03	ng/ul	0.00
70) Anthracene-d10	17.17	188	1868728	22.35	ng/ul	0.00
78) Pyrene-d10	19.48	212	1942219	25.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1416039	22.70	ng/ul	0.00

Target Compounds

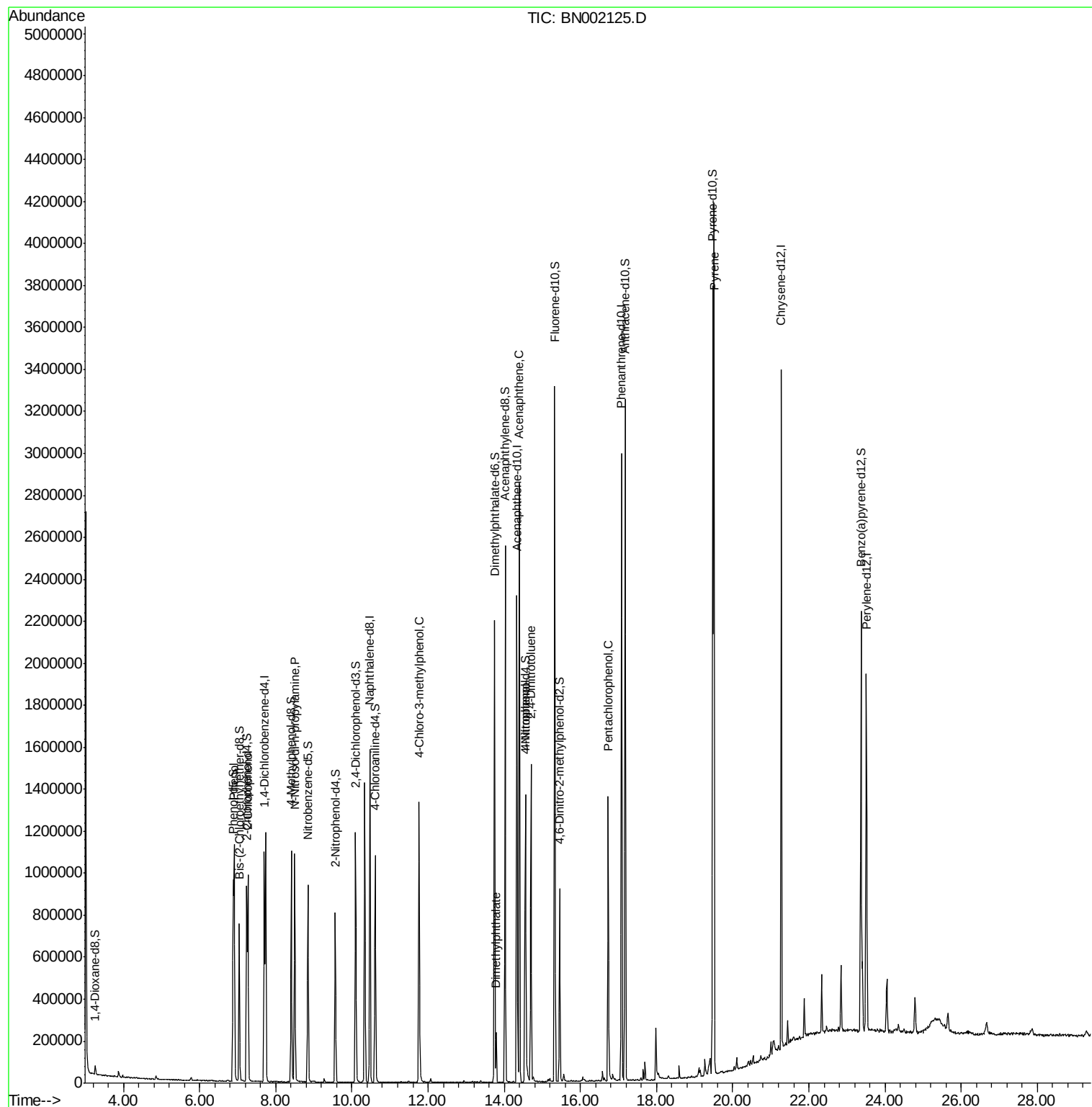
					Qvalue	
6) Phenol	6.90	94	568850	21.363	ng/ul	93
10) 2-Chlorophenol	7.27	128	414796	19.856	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.50	70	376070	21.171	ng/ul#	85
33) 4-Chloro-3-methylphenol	11.76	107	486954	20.421	ng/ul	99
44) Dimethylphthalate	13.79	163	146427	2.255	ng/ul	99
49) Acenaphthene	14.39	153	1168664	21.387	ng/ul	99
52) 4-Nitrophenol	14.56	109	181443	20.498	ng/ul#	88
54) 2,4-Dinitrotoluene	14.70	165	418496	21.025	ng/ul	92
68) Pentachlorophenol	16.73	266	236415	19.907	ng/ul	98
79) Pyrene	19.51	202	2453961	25.932	ng/ul	98

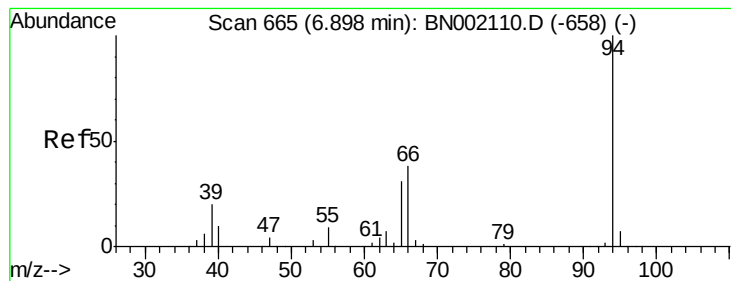
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 21.363 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

Instrument :

BNA_N

ClientSampleId :

DB1M5MSD

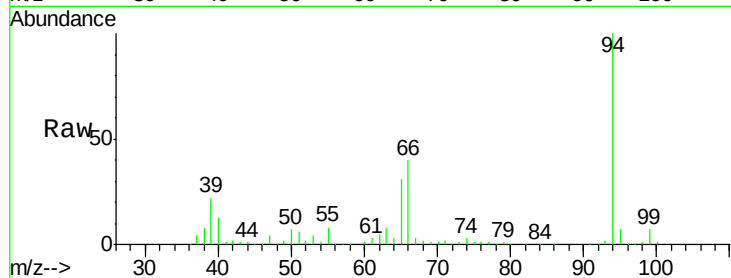
Tgt Ion: 94 Resp: 568850

Ion Ratio Lower Upper

94 100

65 30.5 21.0 31.6

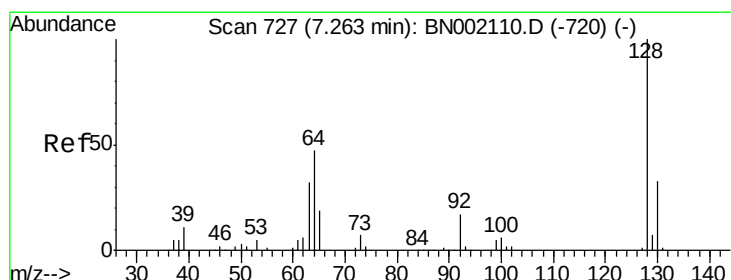
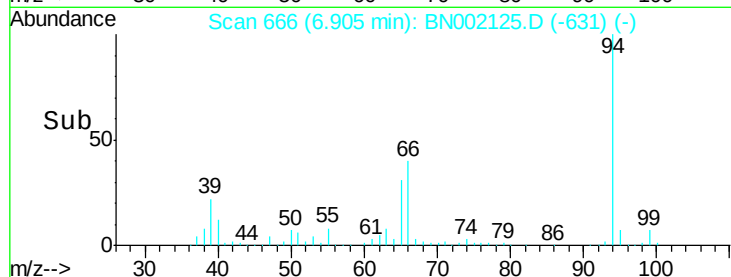
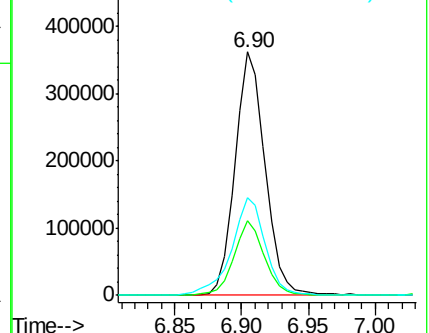
66 39.9 29.3 43.9



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: 19.856 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. 0.01 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

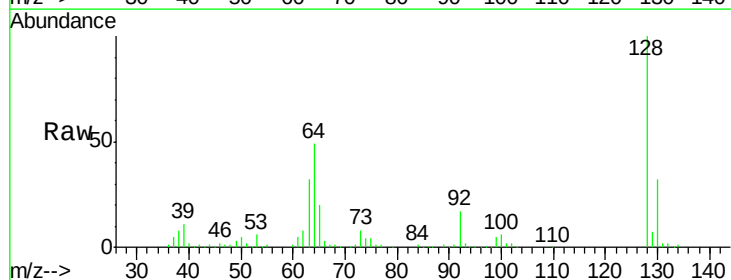
Tgt Ion: 128 Resp: 414796

Ion Ratio Lower Upper

128 100

64 49.2 31.9 47.9#

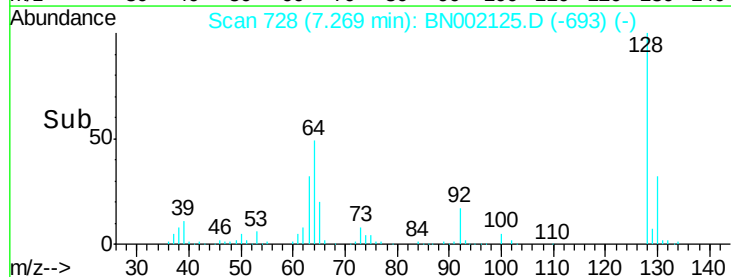
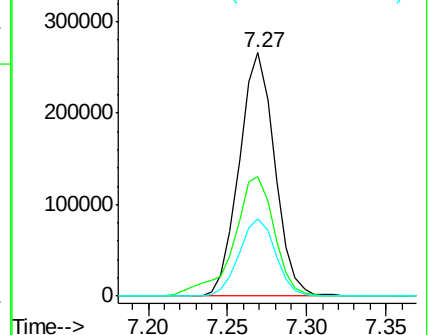
130 31.8 25.6 38.4

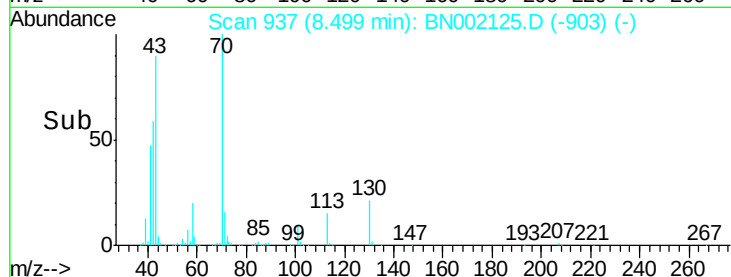
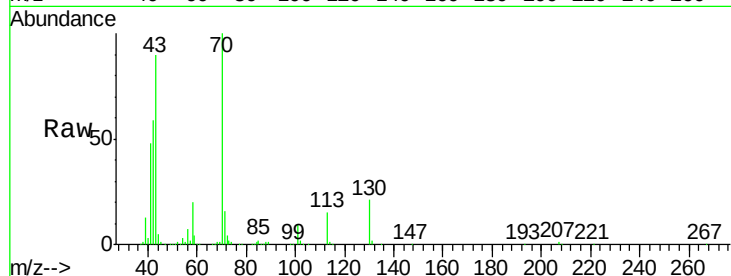
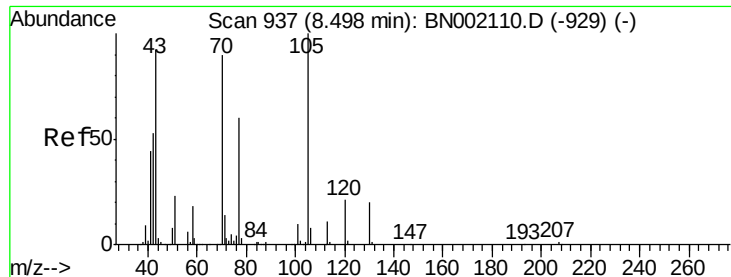


Abundance Ion 128.00 (127.70 to 128.70): BN002110.D (-720) (-)

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: 21.171 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. 0.00 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

Instrument :

BNA_N

ClientSampleId :

DB1M5MSD

Tgt Ion: 70 Resp: 376070

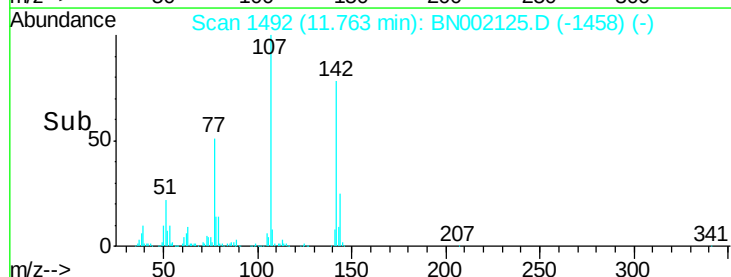
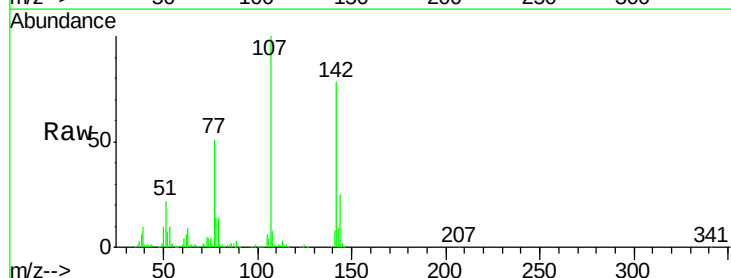
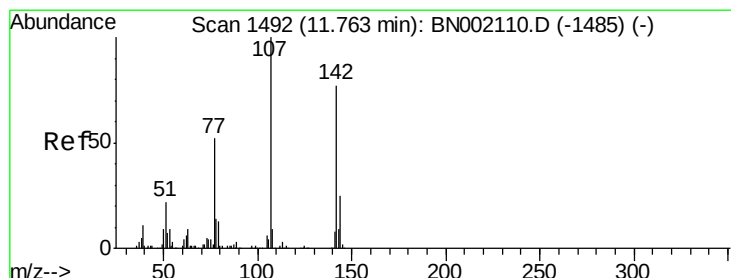
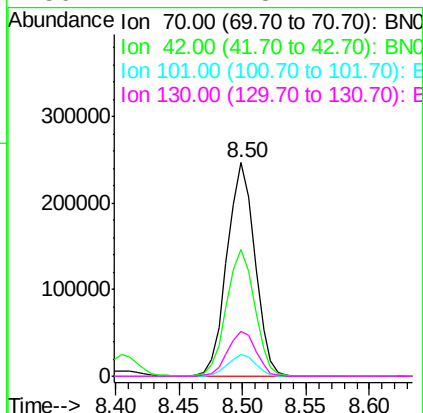
Ion Ratio Lower Upper

70 100

42 59.5 35.4 53.0#

101 10.1 8.4 12.6

130 21.1 18.2 27.4



#33

4-Chloro-3-methylphenol

Concen: 20.421 ng/ul

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

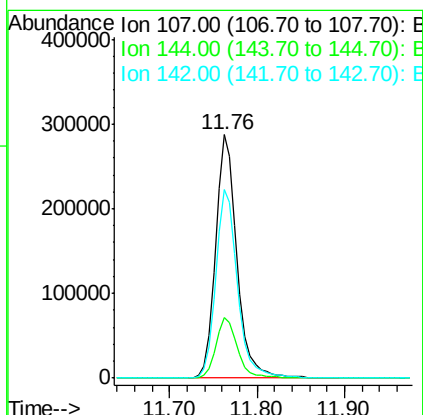
Tgt Ion: 107 Resp: 486954

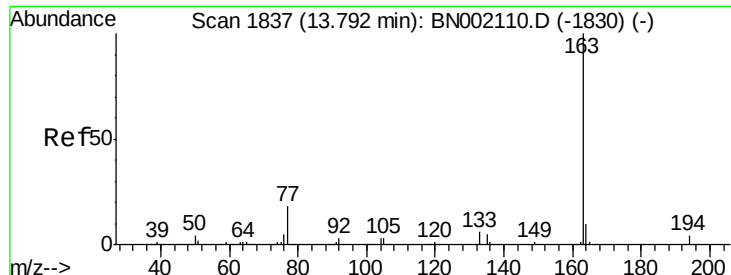
Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

142 77.6 62.5 93.7





#44

Dimethylphthalate

Concen: 2.255 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

Instrument :

BNA_N

ClientSampleId :

DB1M5MSD

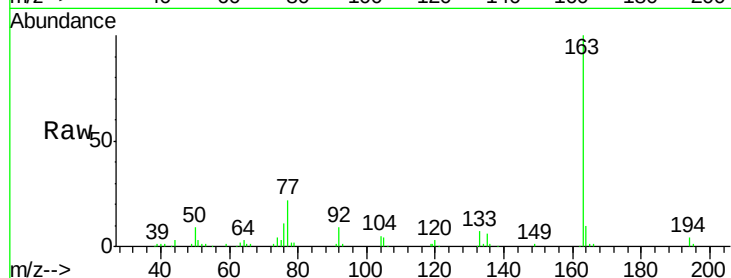
Tgt Ion:163 Resp: 146427

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

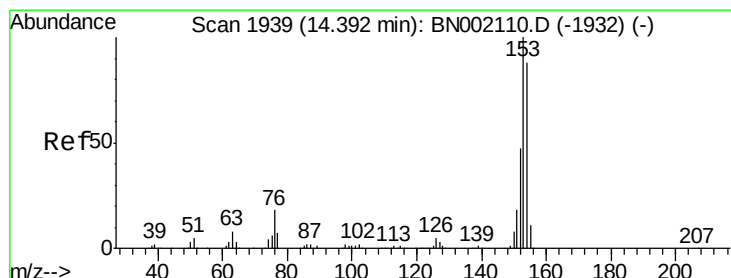
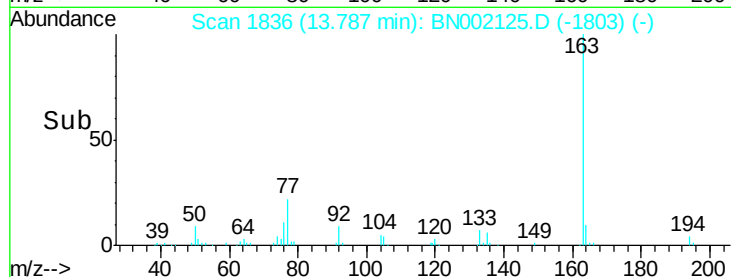
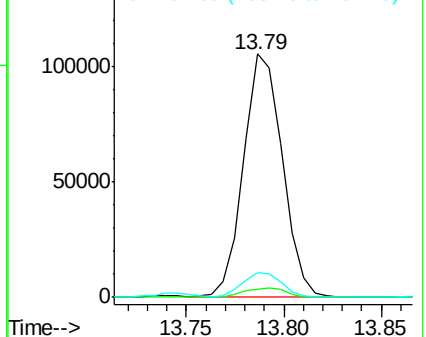
164 10.1 7.8 11.8



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: 21.387 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

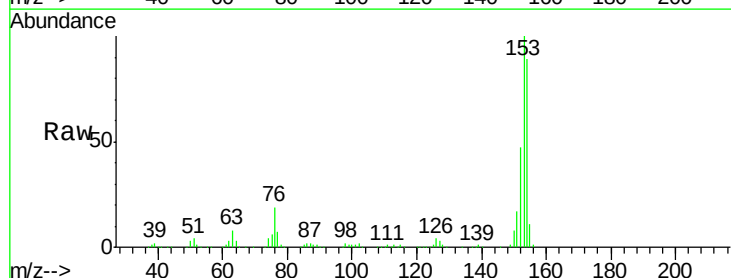
Tgt Ion:153 Resp: 1168664

Ion Ratio Lower Upper

153 100

152 46.9 38.3 57.5

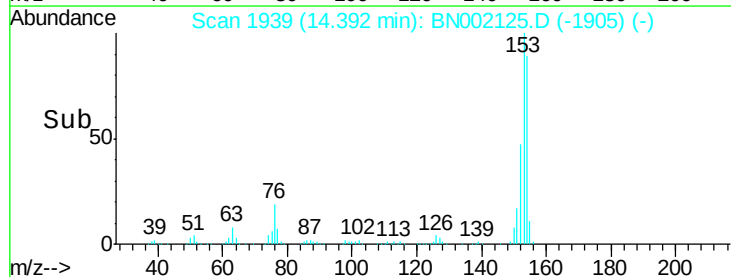
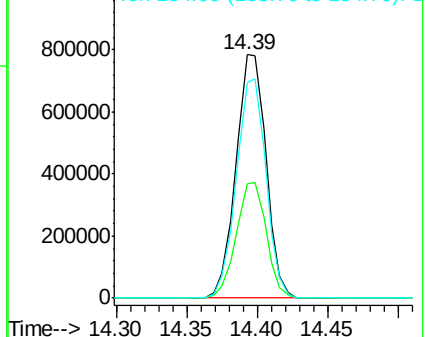
154 88.5 71.8 107.8

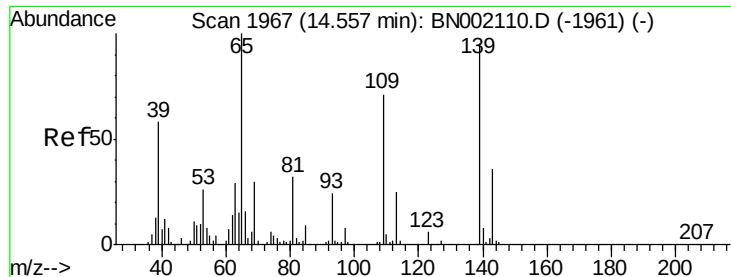


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.498 ng/ul

RT: 14.56 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

Instrument :

BNA_N

ClientSampleId :

DB1M5MSD

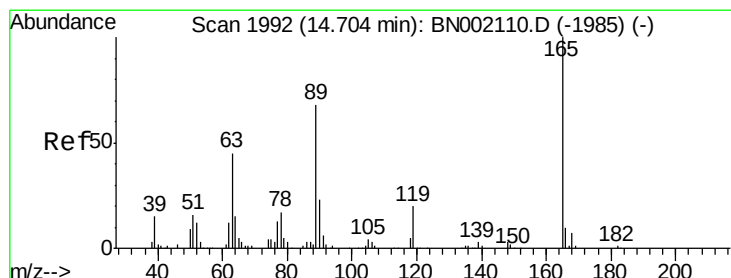
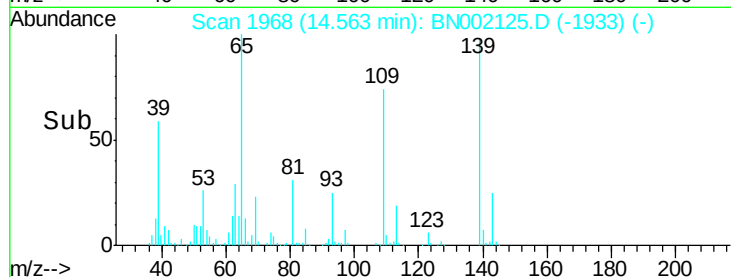
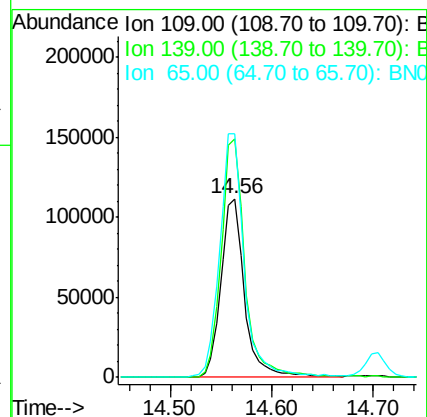
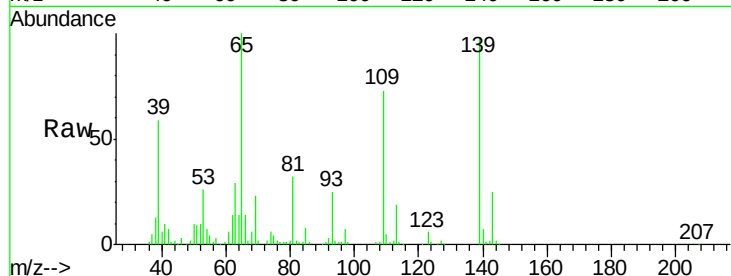
Tgt Ion:109 Resp: 181443

Ion Ratio Lower Upper

109 100

139 133.4 103.7 155.5

65 136.1 89.4 134.2#



#54

2,4-Dinitrotoluene

Concen: 21.025 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

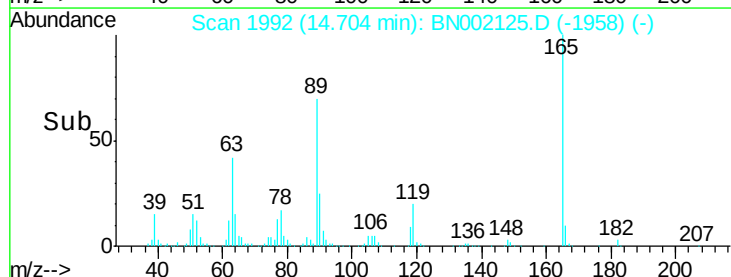
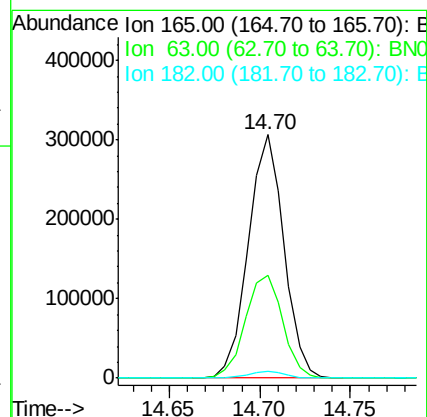
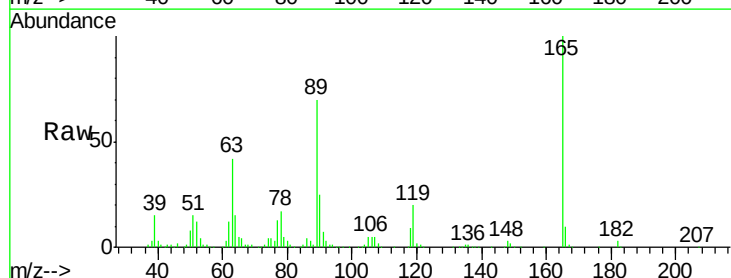
Tgt Ion:165 Resp: 418496

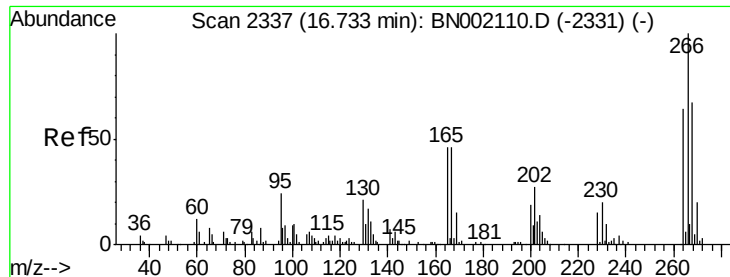
Ion Ratio Lower Upper

165 100

63 42.5 29.8 44.6

182 3.0 2.2 3.4





#68

Pentachlorophenol

Concen: 19.907 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

Instrument :

BNA_N

ClientSampleId :

DB1M5MSD

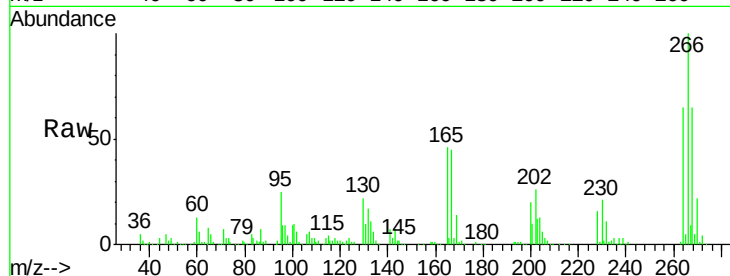
Tgt Ion:266 Resp: 236415

Ion Ratio Lower Upper

266 100

264 64.9 50.5 75.7

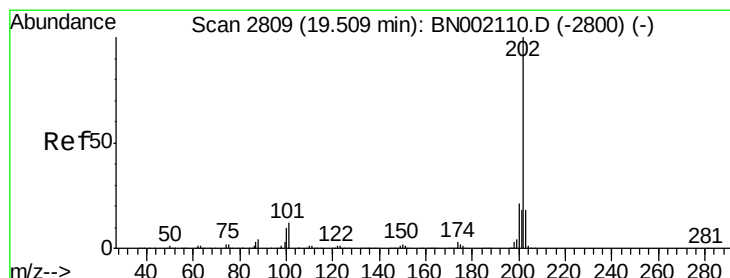
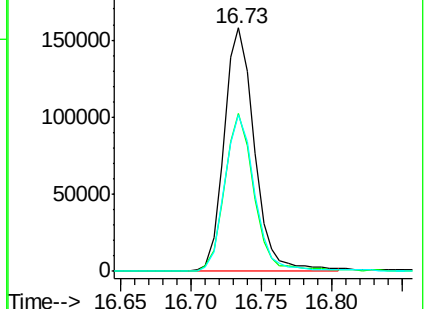
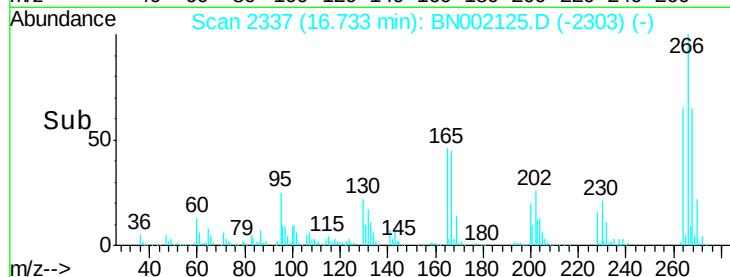
268 64.5 50.9 76.3



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: 25.932 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN002125.D

Acq: 24 Jul 2018 02:35

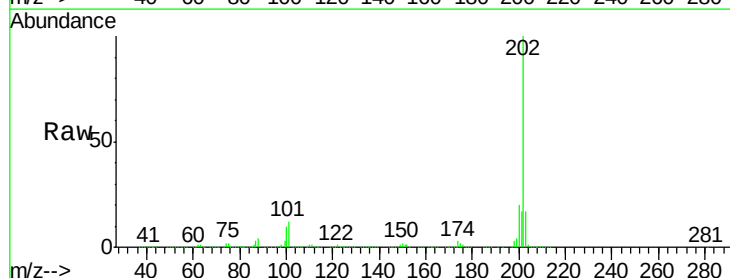
Tgt Ion:202 Resp: 2453961

Ion Ratio Lower Upper

202 100

101 11.9 10.2 15.2

100 9.9 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

