

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
 Data File : BN005226.D
 Acq On : 23 Apr 2019 21:52
 Operator : JU/SJ
 Sample : K2403-19MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5131MSD

Quant Time: Apr 24 08:54:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	464033	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1906612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1046414	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2082352	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1665645	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1813766	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	91094	9.48	ng/uL	0.00
5) Phenol-d5	6.78	99	1194640	32.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	734570	32.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	941014	33.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	977068	34.30	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	475270	40.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	524111	44.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	964658	35.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1325018	47.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2927322	38.54	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3545820	38.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	384459	32.05	ng/ul	0.00
57) Fluorene-d10	15.23	176	2341703	36.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	202433	21.61	ng/ul	0.00
70) Anthracene-d10	17.08	188	3336483	38.22	ng/ul	0.00
78) Pyrene-d10	19.39	212	3314399	38.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	3117526	39.33	ng/ul	-0.01

Target Compounds

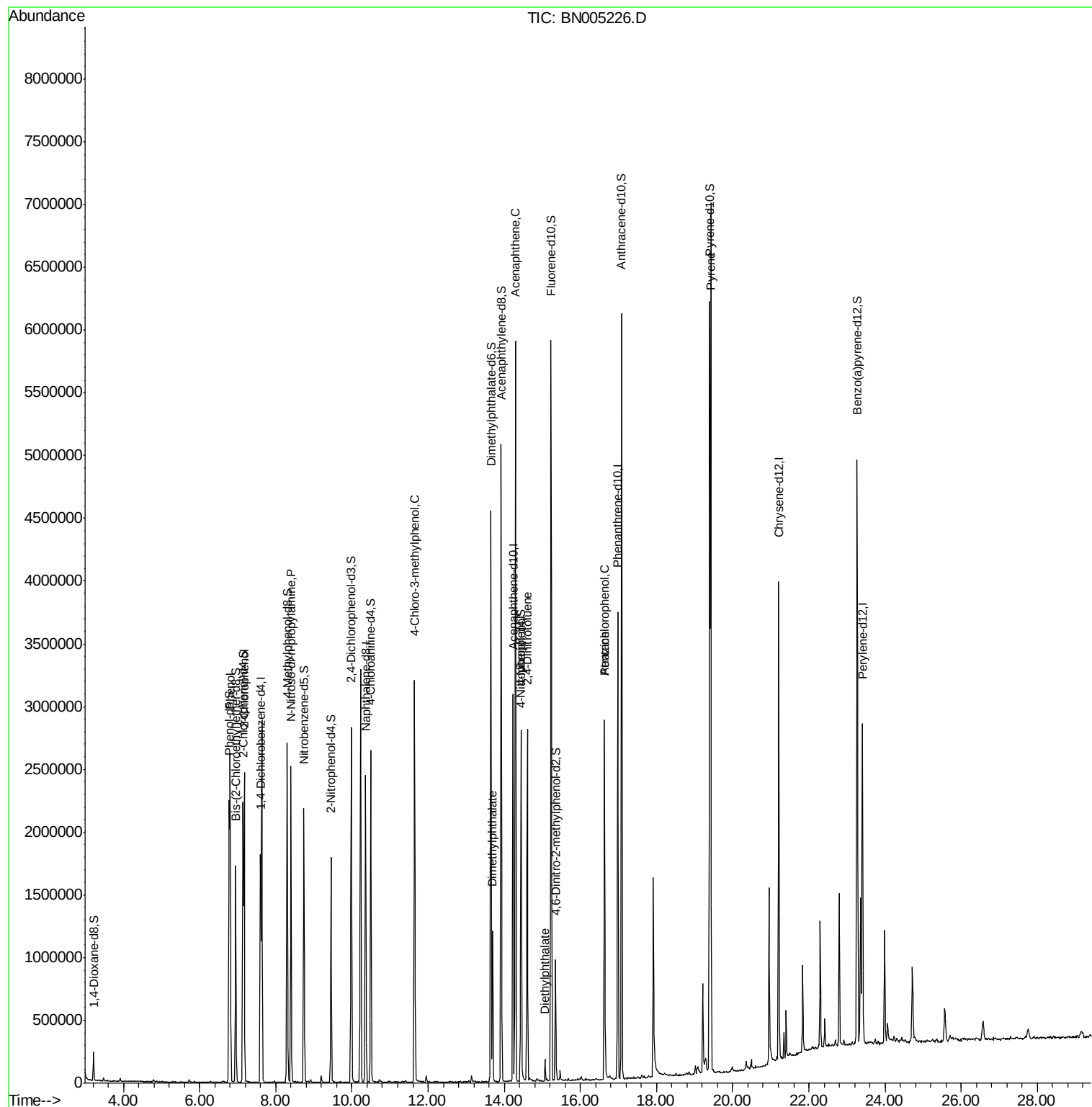
					Qvalue
6) Phenol	6.80	94	1245348	33.221 ng/ul	99
10) 2-Chlorophenol	7.17	128	959878	33.289 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	843523	34.586 ng/ul	95
33) 4-Chloro-3-methylphenol	11.65	107	1071019	35.342 ng/ul	97
44) Dimethylphthalate	13.69	163	738555	9.758 ng/ul	100
49) Acenaphthene	14.30	153	2324247	37.132 ng/ul	99
52) 4-Nitrophenol	14.45	109	359085	32.983 ng/ul	92
54) 2,4-Dinitrotoluene	14.60	165	738831	39.215 ng/ul	96
56) Diethylphthalate	15.07	149	87602	1.154 ng/ul	97
67) Atrazine	16.63	200	77225	3.640 ng/ul#	35
68) Pentachlorophenol	16.63	266	472781	36.146 ng/ul	96
79) Pyrene	19.42	202	4119793	38.415 ng/ul	99

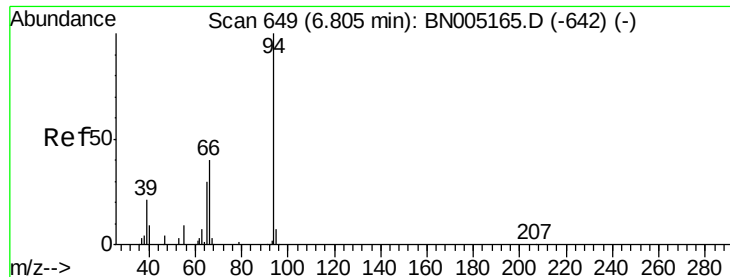
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration





#6

Phenol

Concen: 33.221 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

Instrument :

BNA_N

ClientSampleId :

A5131MSD

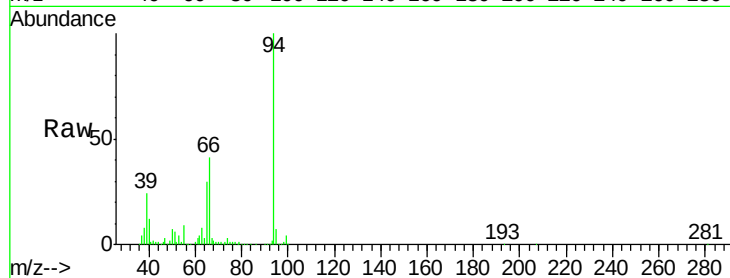
Tgt Ion: 94 Resp: 1245348

Ion Ratio Lower Upper

94 100

65 30.2 24.2 36.4

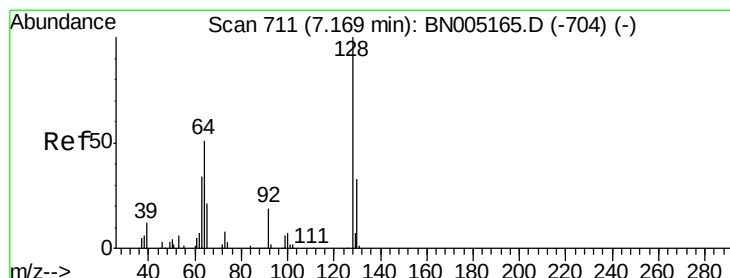
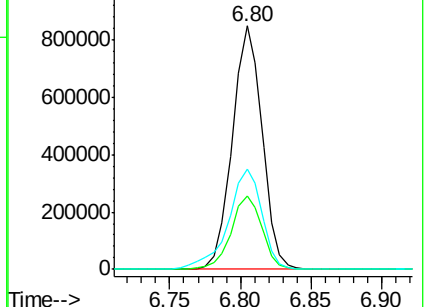
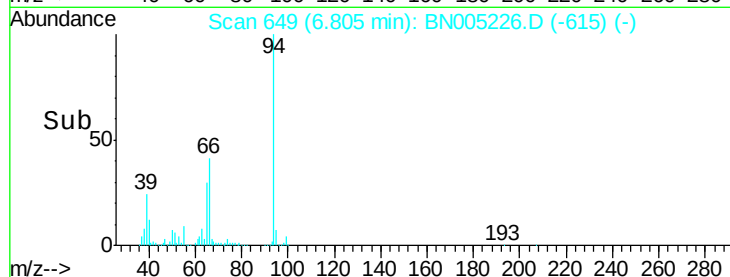
66 41.2 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005226.D (-615) (-)

Ion 65.00 (64.70 to 65.70): BN005226.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BN005226.D (-615) (-)



#10

2-Chlorophenol

Concen: 33.289 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

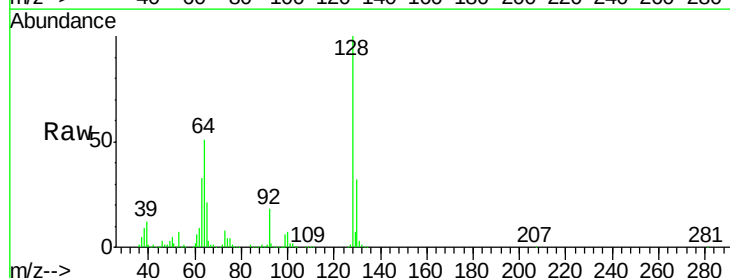
Tgt Ion: 128 Resp: 959878

Ion Ratio Lower Upper

128 100

64 50.5 42.3 63.5

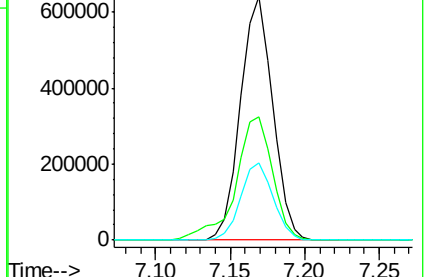
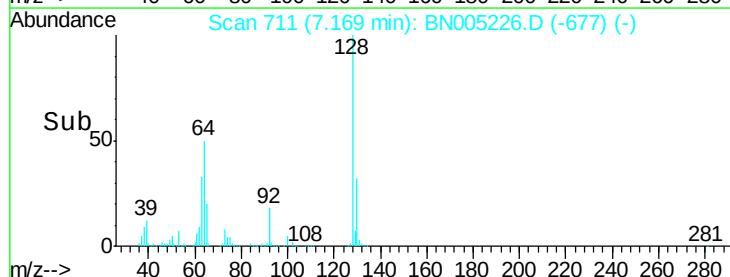
130 31.8 26.5 39.7

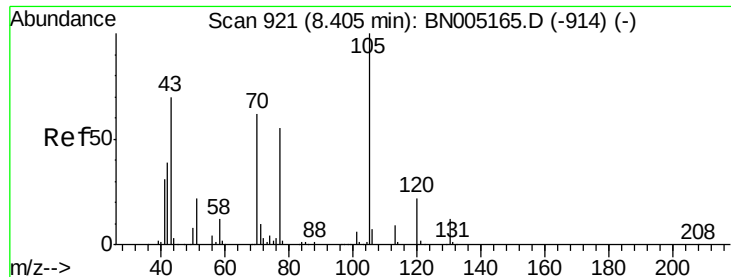


Abundance Ion 128.00 (127.70 to 128.70): BN005226.D (-677) (-)

Ion 64.00 (63.70 to 64.70): BN005226.D (-677) (-)

Ion 130.00 (129.70 to 130.70): BN005226.D (-677) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 34.586 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

Instrument :

BNA_N

ClientSampleId :

A5131MSD

Tgt Ion: 70 Resp: 843523

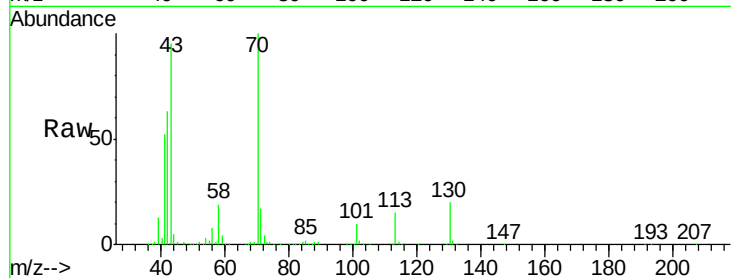
Ion Ratio Lower Upper

70 100

42 62.6 53.8 80.8

101 9.8 7.7 11.5

130 20.0 15.0 22.4

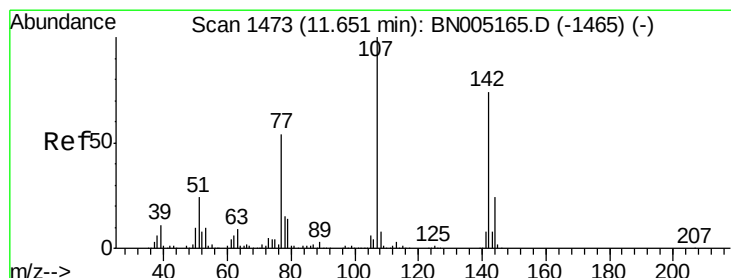
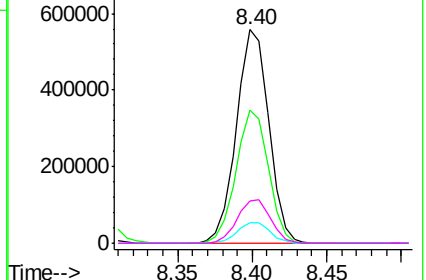
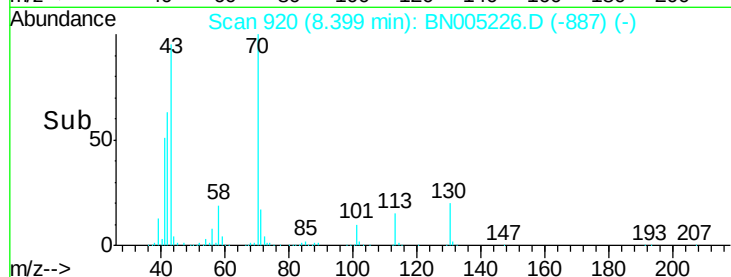


Abundance Ion 70.00 (69.70 to 70.70): BN005226.D (-887) (-)

Ion 42.00 (41.70 to 42.70): BN005226.D (-887) (-)

Ion 101.00 (100.70 to 101.70): BN005226.D (-887) (-)

Ion 130.00 (129.70 to 130.70): BN005226.D (-887) (-)



#33

4-Chloro-3-methylphenol

Concen: 35.342 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

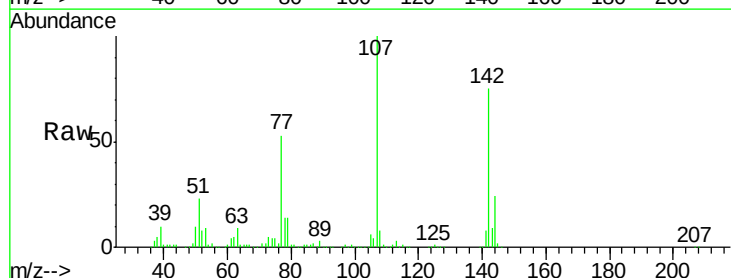
Tgt Ion: 107 Resp: 1071019

Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.0

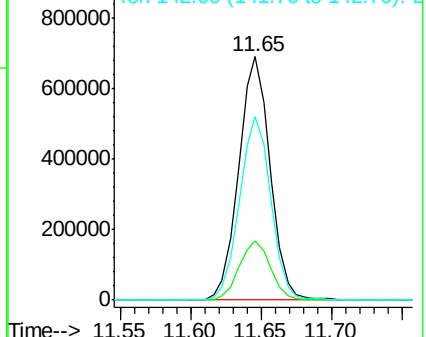
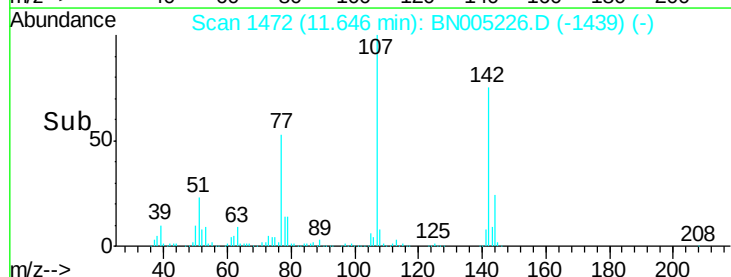
142 75.5 57.7 86.5

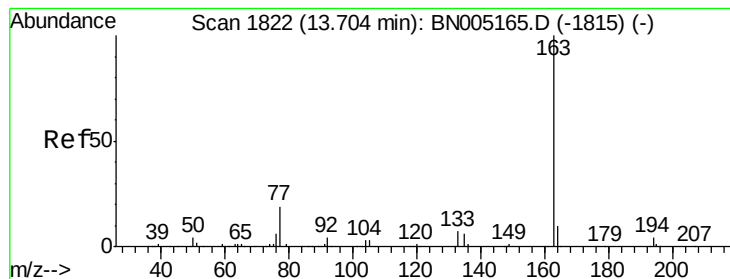


Abundance Ion 107.00 (106.70 to 107.70): BN005226.D (-1439) (-)

Ion 144.00 (143.70 to 144.70): BN005226.D (-1439) (-)

Ion 142.00 (141.70 to 142.70): BN005226.D (-1439) (-)





#44

Dimethylphthalate

Concen: 9.758 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

Instrument :

BNA_N

ClientSampleId :

A5131MSD

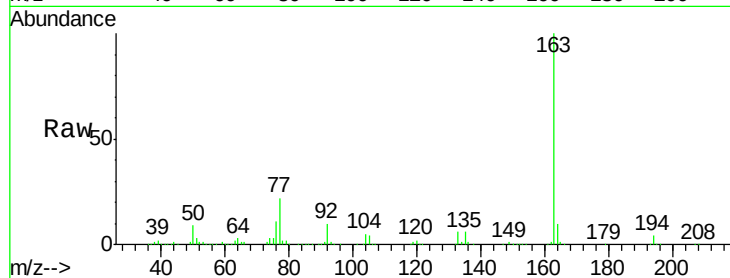
Tgt Ion:163 Resp: 738555

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

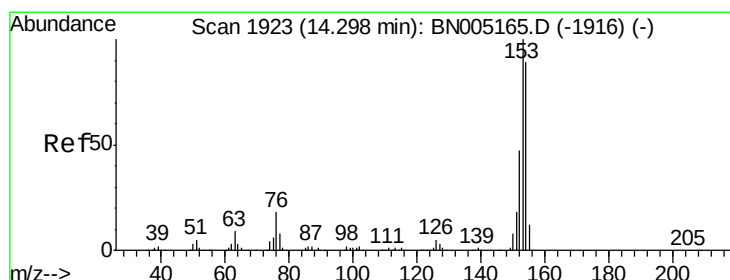
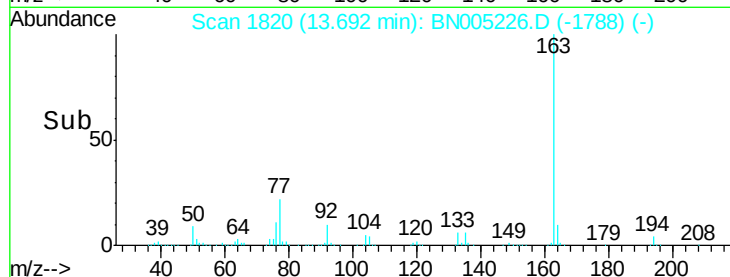
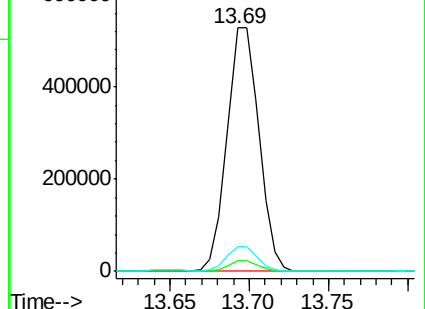
164 10.0 8.1 12.1



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: 37.132 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

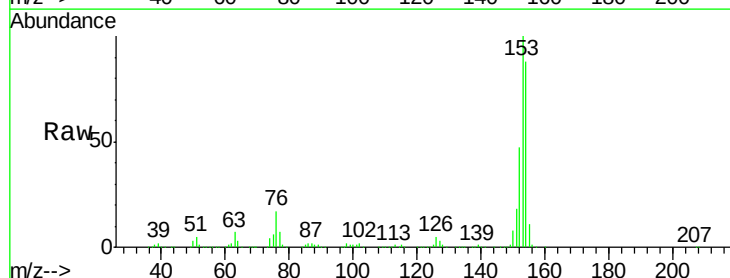
Tgt Ion:153 Resp: 2324247

Ion Ratio Lower Upper

153 100

152 47.2 37.4 56.0

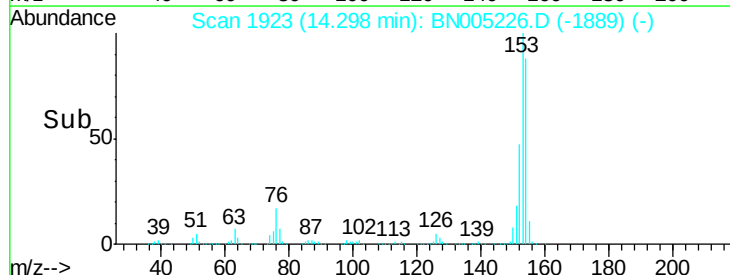
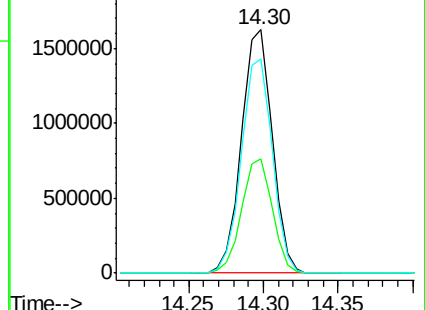
154 88.1 71.2 106.8

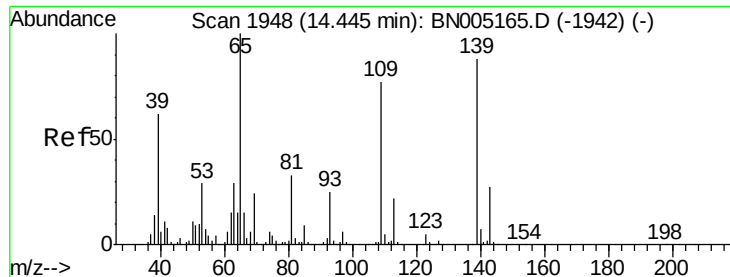


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 32.983 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

Instrument :

BNA_N

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A5131MSD

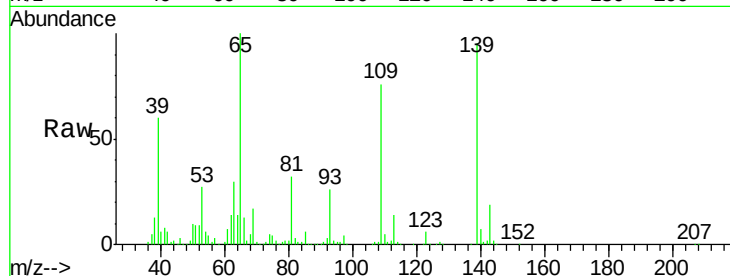
Tgt Ion:109 Resp: 359085

Ion Ratio Lower Upper

109 100

139 124.6 92.3 138.5

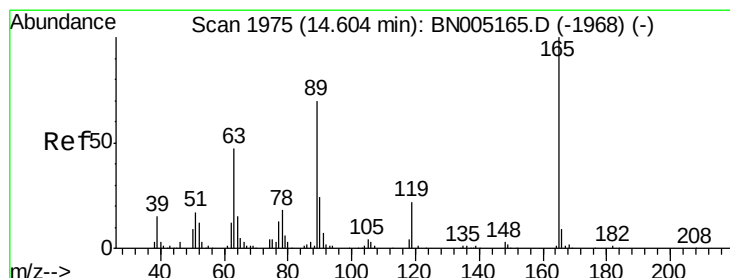
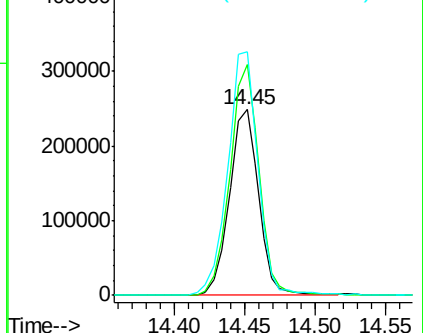
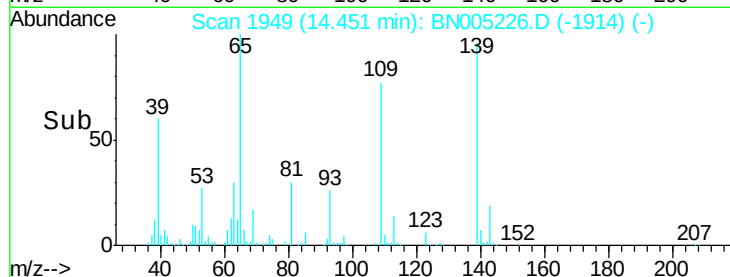
65 131.2 97.5 146.3



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: 39.215 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

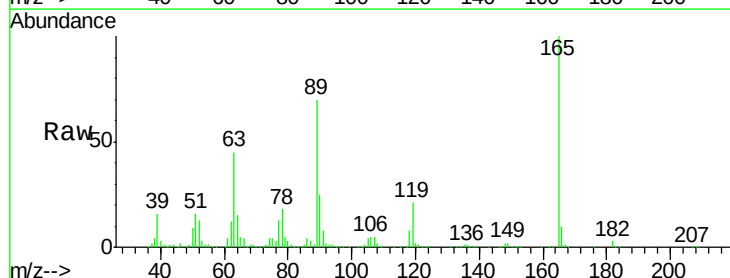
Tgt Ion:165 Resp: 738831

Ion Ratio Lower Upper

165 100

63 45.4 38.9 58.3

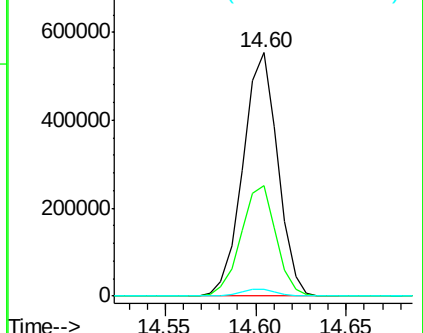
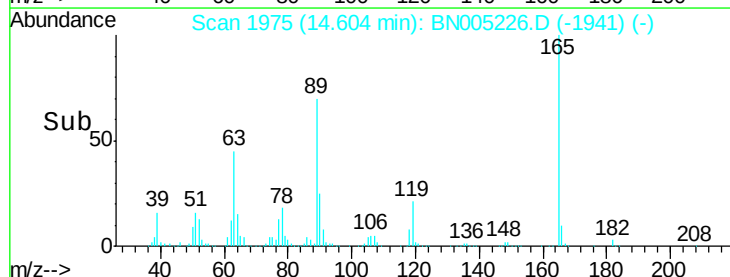
182 3.0 2.6 3.8

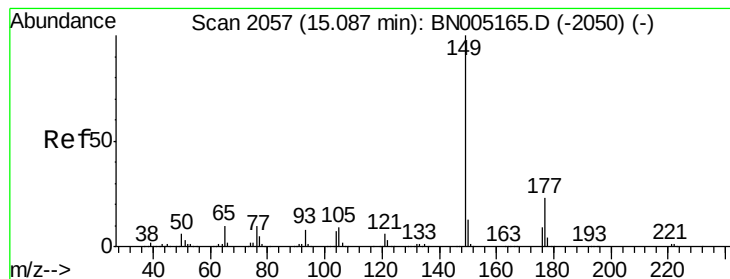


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 1.154 ng/ul

RT: 15.07 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

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A5131MSD

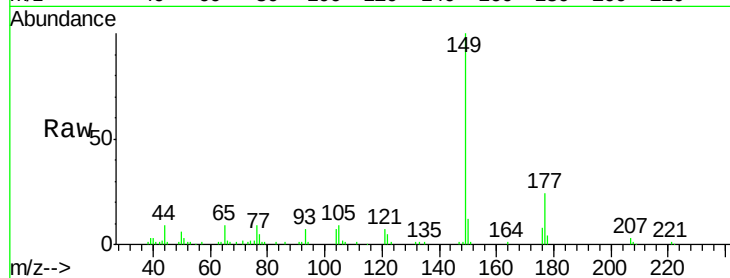
Tgt Ion:149 Resp: 87602

Ion Ratio Lower Upper

149 100

177 24.3 17.7 26.5

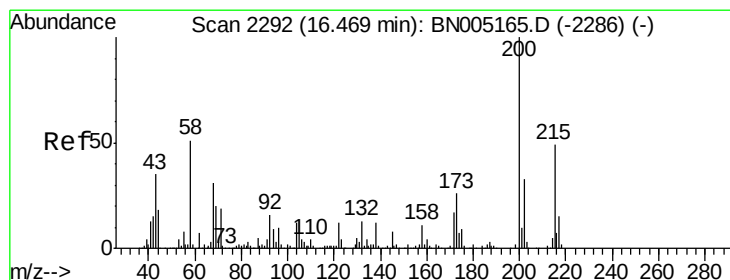
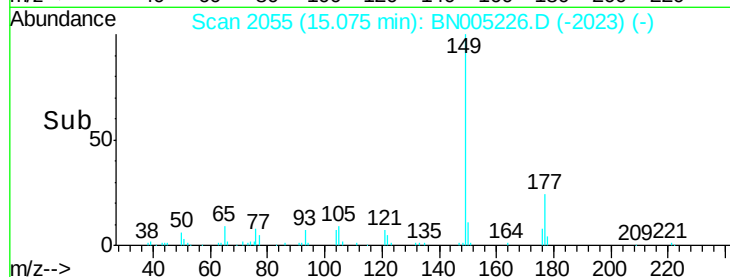
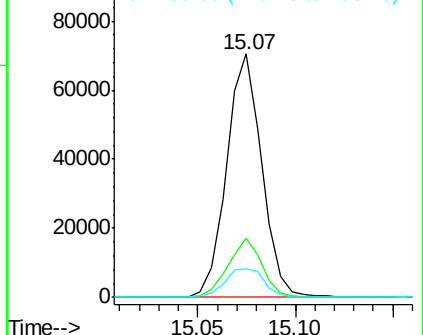
150 11.9 10.0 15.0



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



#67

Atrazine

Concen: 3.640 ng/ul

RT: 16.63 min Scan# 2320

Delta R.T. 0.16 min

Lab File: BN005226.D

Acq: 23 Apr 2019 21:52

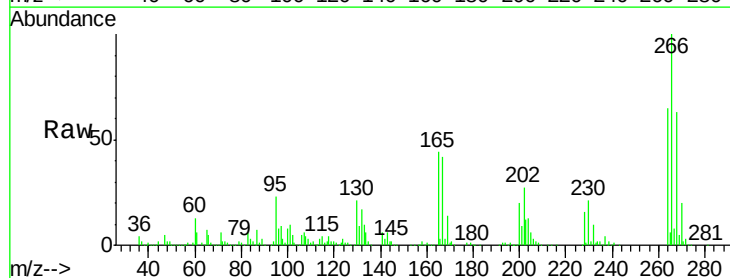
Tgt Ion:200 Resp: 77225

Ion Ratio Lower Upper

200 100

173 0.0 21.4 32.0#

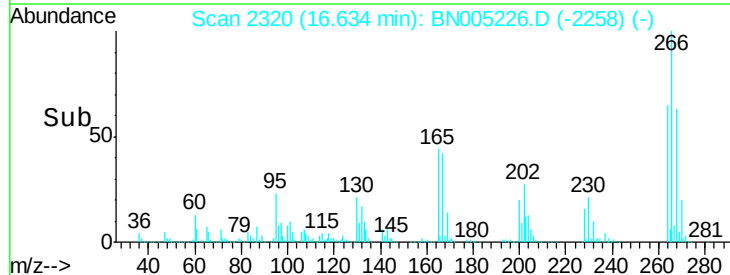
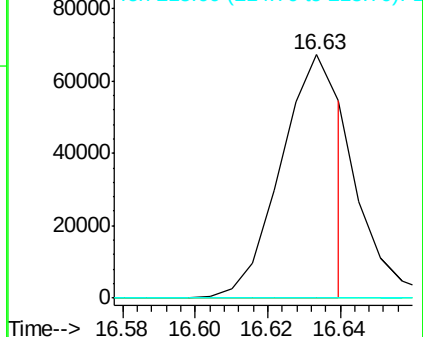
215 0.0 39.1 58.7#

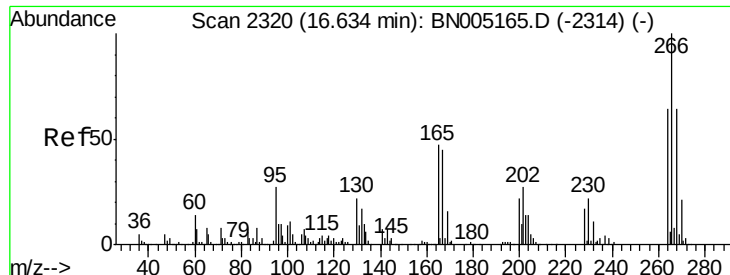


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

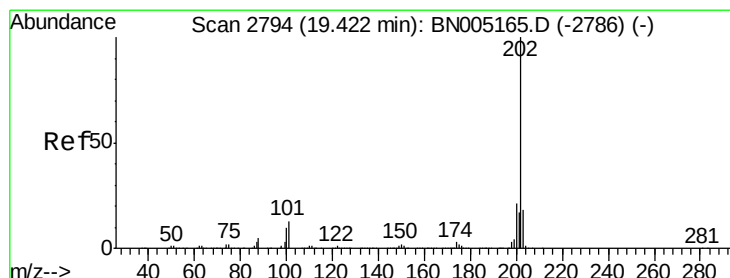
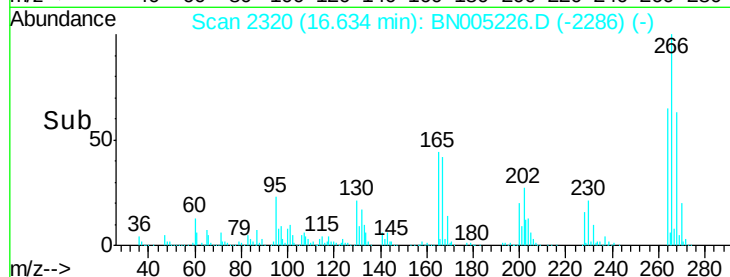
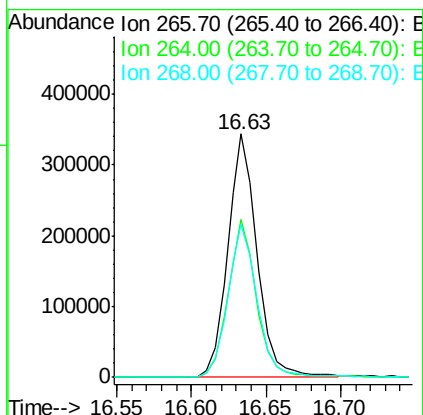
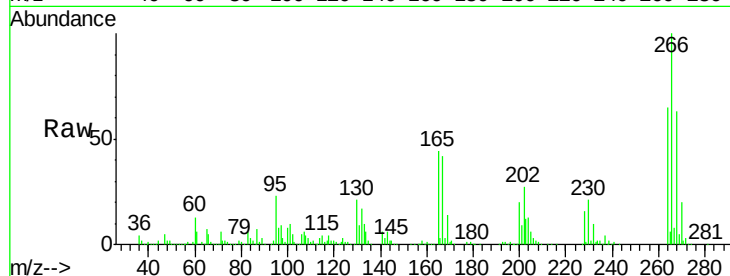




#68
 Pentachlorophenol
 Concen: 36.146 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BN005226.D
 Acq: 23 Apr 2019 21:52

Instrument :
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Tgt Ion:266 Resp: 472781
 Ion Ratio Lower Upper
 266 100
 264 64.7 49.7 74.5
 268 62.5 52.4 78.6



#79
 Pyrene
 Concen: 38.415 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BN005226.D
 Acq: 23 Apr 2019 21:52

Tgt Ion:202 Resp: 4119793
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.3 15.5
 100 10.5 7.9 11.9

