

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
 Data File : BN005766.D
 Acq On : 18 May 2019 22:48
 Operator : JU/SJ
 Sample : K2690-22MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5167MS

Quant Time: May 20 04:05:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 20 03:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	112482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	504396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	346069	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	862062	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	907773	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	1027065	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	15111	7.52	ng/uL	0.00
5) Phenol-d5	6.76	99	317941	36.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	176295	38.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	268019	38.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	274684	36.95	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	147027	40.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	168074	39.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	308458	38.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	370057	41.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1073103	40.30	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1332907	41.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	164980	43.98	ng/ul	0.00
57) Fluorene-d10	15.21	176	927831	40.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	171064	33.01	ng/ul	0.00
70) Anthracene-d10	17.07	188	1492401	40.07	ng/ul	0.00
78) Pyrene-d10	19.39	212	1756955	39.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1891077	41.05	ng/ul	-0.01

Target Compounds

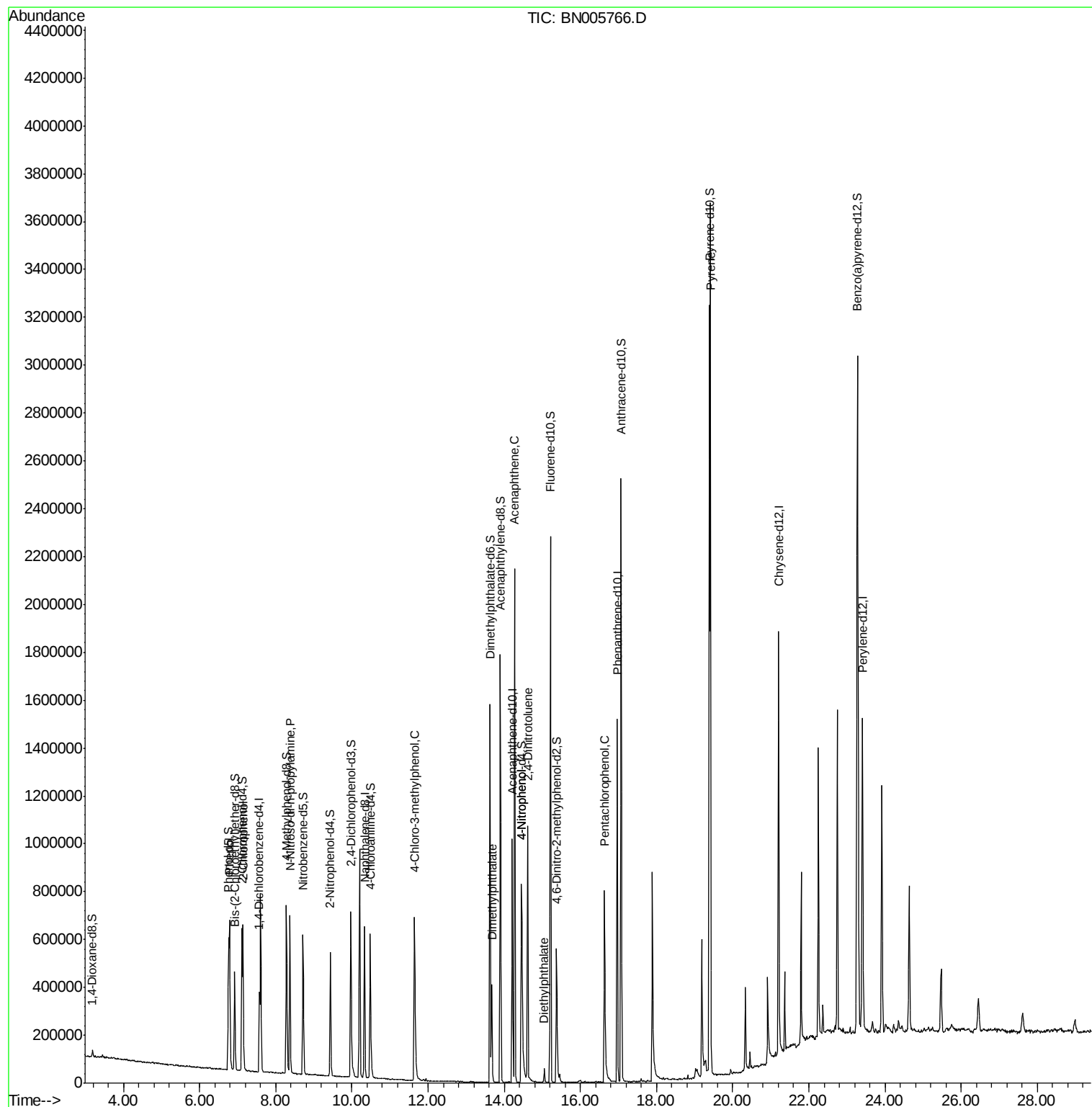
					Qvalue	
6) Phenol	6.79	94	318870	35.985	ng/ul	95
10) 2-Chlorophenol	7.14	128	261774	36.981	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.37	70	223732	38.929	ng/ul#	91
33) 4-Chloro-3-methylphenol	11.65	107	335417	38.197	ng/ul	93
44) Dimethylphthalate	13.67	163	266207	10.140	ng/ul	99
49) Acenaphthene	14.27	153	847887	40.167	ng/ul	99
52) 4-Nitrophenol	14.46	109	153351	43.773	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	321877	38.827	ng/ul	92
56) Diethylphthalate	15.05	149	32418	1.220	ng/ul	97
68) Pentachlorophenol	16.63	266	192628	41.227	ng/ul	99
79) Pyrene	19.42	202	2198358	39.436	ng/ul#	90

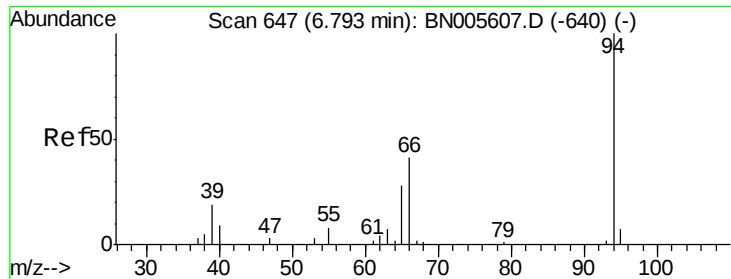
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 20 03:44:27 2019
Response via : Initial Calibration





#6

Phenol

Concen: 35.985 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

Instrument :

BNA_N

ClientSampled :

A5167MS

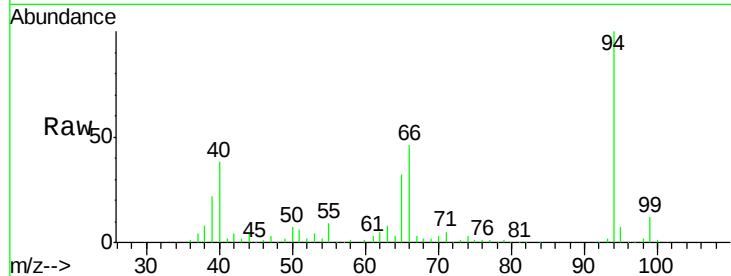
Tgt Ion: 94 Resp: 318870

Ion Ratio Lower Upper

94 100

65 31.6 24.2 36.4

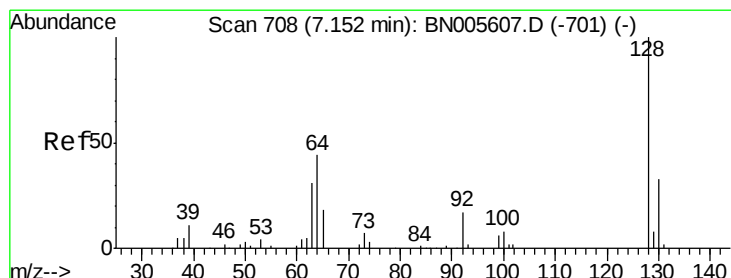
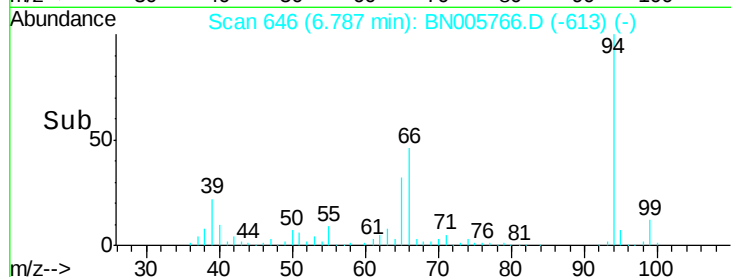
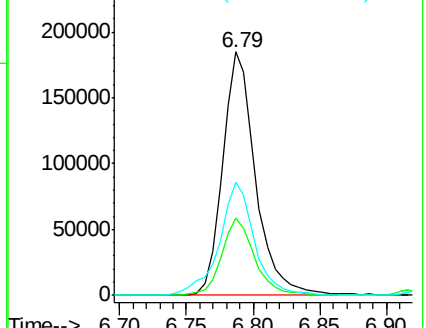
66 46.2 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005607.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BN005607.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BN005607.D (-640) (-)



#10

2-Chlorophenol

Concen: 36.981 ng/ul

RT: 7.14 min Scan# 706

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

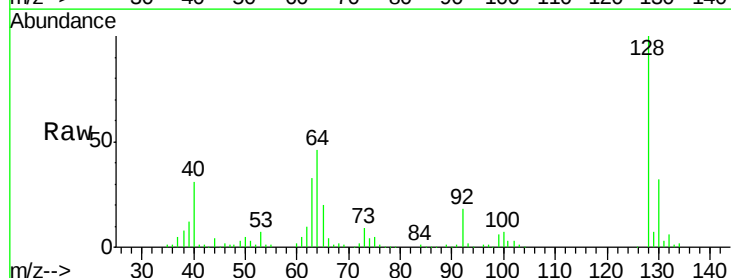
Tgt Ion: 128 Resp: 261774

Ion Ratio Lower Upper

128 100

64 45.6 42.3 63.5

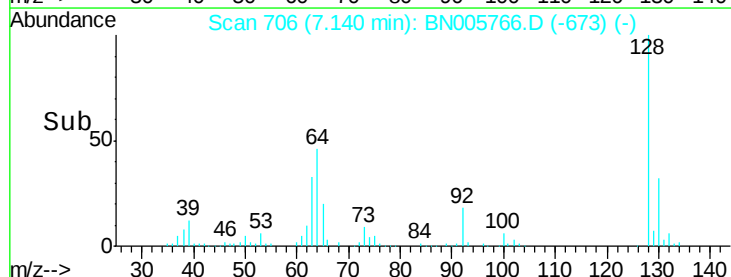
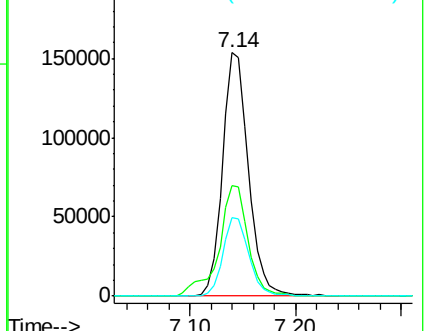
130 32.4 26.5 39.7

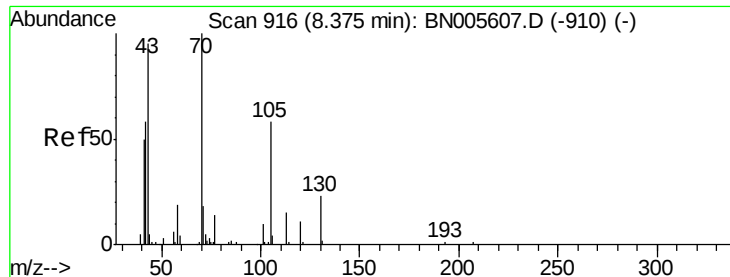


Abundance Ion 128.00 (127.70 to 128.70): BN005607.D (-701) (-)

Ion 64.00 (63.70 to 64.70): BN005607.D (-701) (-)

Ion 130.00 (129.70 to 130.70): BN005607.D (-701) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 38.929 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

Instrument :

BNA_N

ClientSampleId :

A5167MS

Tgt Ion: 70 Resp: 223732

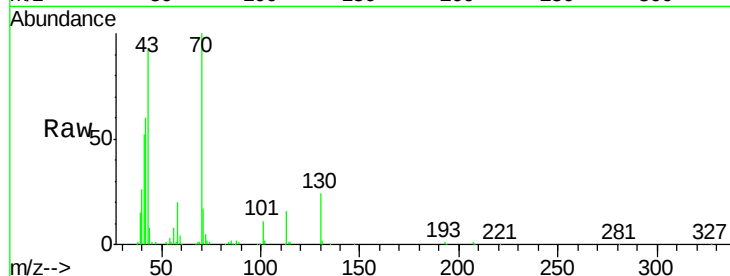
Ion Ratio Lower Upper

70 100

42 59.8 53.8 80.8

101 11.4 7.7 11.5

130 23.8 15.0 22.4#



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

200000

150000

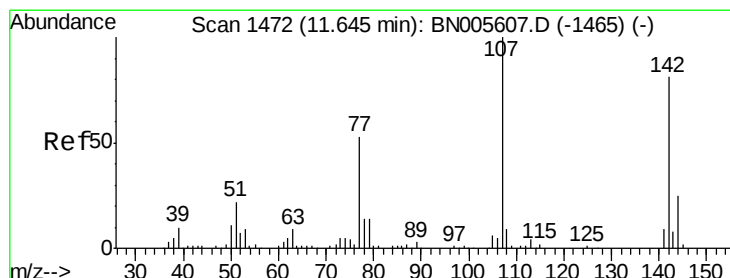
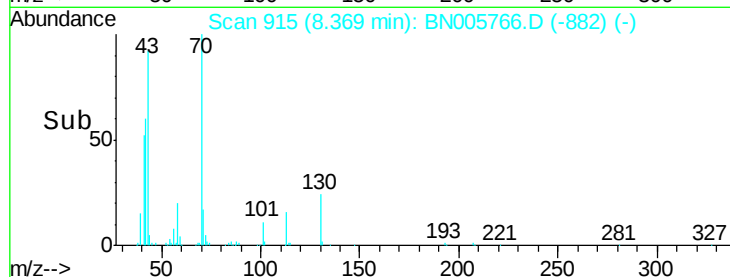
100000

50000

0

8.30 8.35 8.40 8.45

Time-->



#33

4-Chloro-3-methylphenol

Concen: 38.197 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

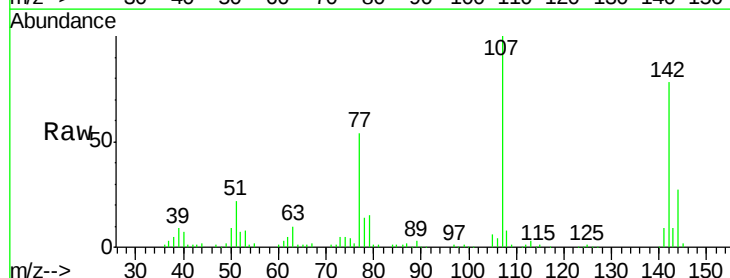
Tgt Ion: 107 Resp: 335417

Ion Ratio Lower Upper

107 100

144 27.0 19.4 29.0

142 78.2 57.7 86.5



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

200000

150000

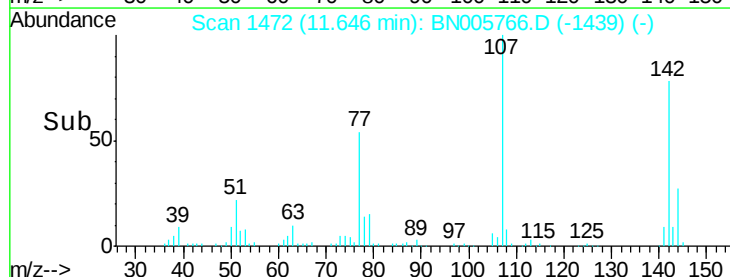
100000

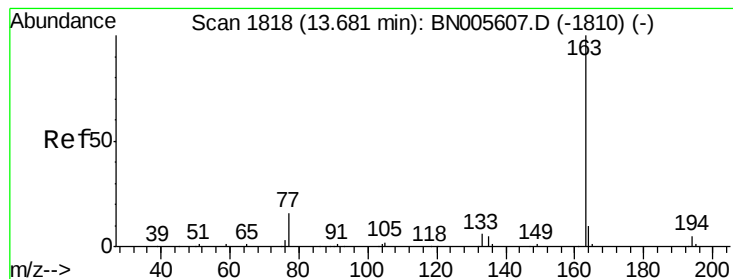
50000

0

11.60 11.70

Time-->





#44

Dimethylphthalate

Concen: 10.140 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

Instrument :

BNA_N

ClientSampleId :

A5167MS

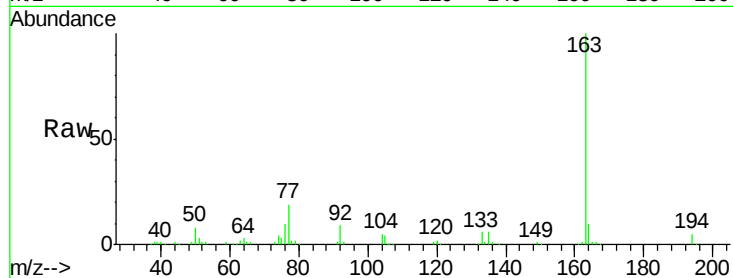
Tgt Ion:163 Resp: 266207

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

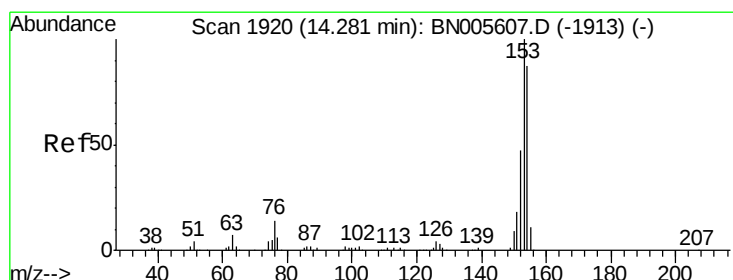
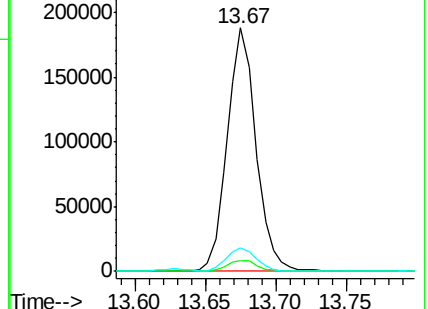
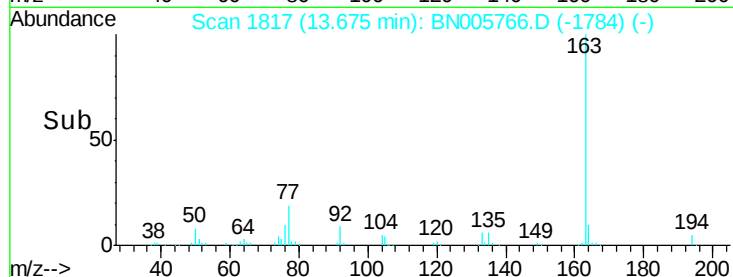
164 9.5 8.1 12.1



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: 40.167 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

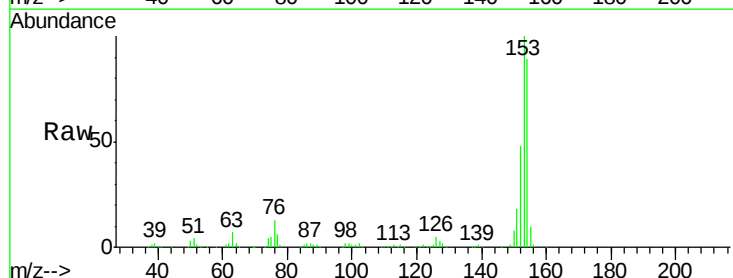
Tgt Ion:153 Resp: 847887

Ion Ratio Lower Upper

153 100

152 47.6 37.4 56.0

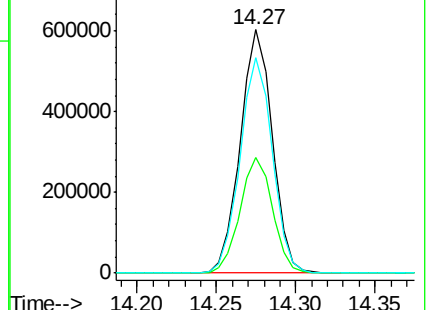
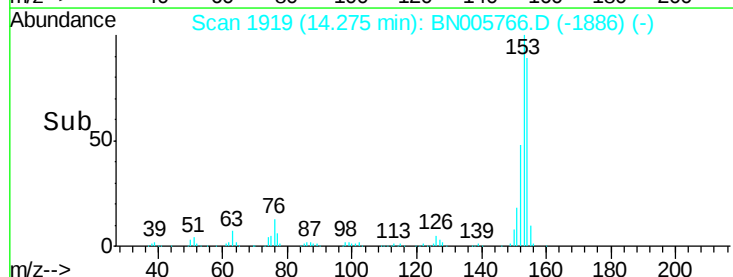
154 88.7 71.2 106.8

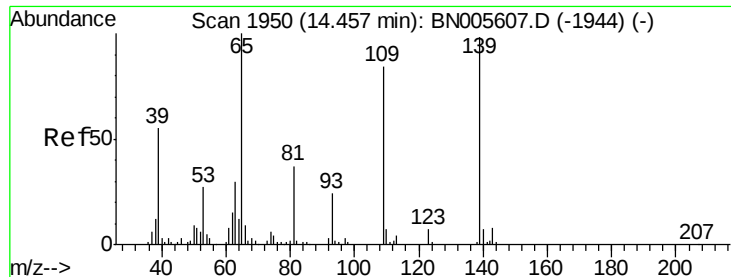


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 43.773 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

Instrument :

BNA_N

ClientSampleId :

A5167MS

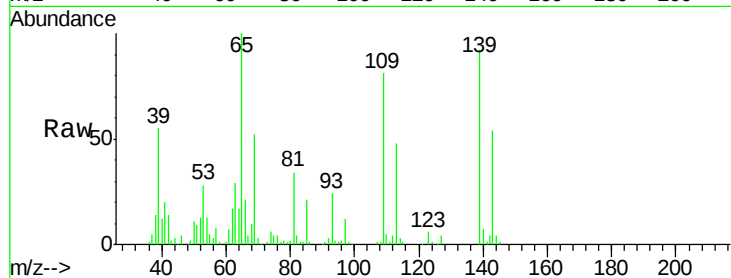
Tgt Ion:109 Resp: 153351

Ion Ratio Lower Upper

109 100

139 113.9 92.3 138.5

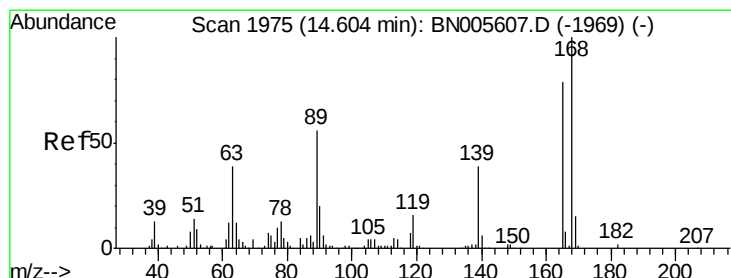
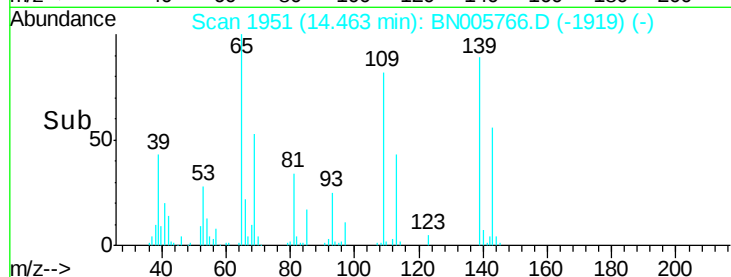
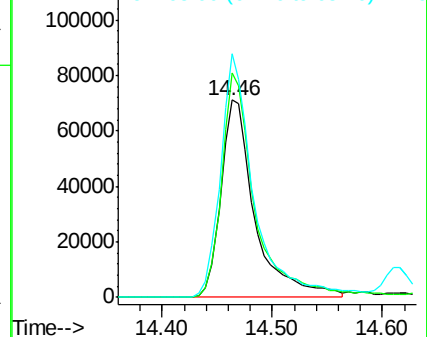
65 123.4 97.5 146.3



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: 38.827 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

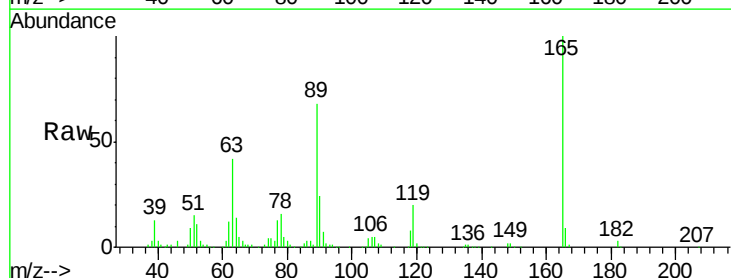
Tgt Ion:165 Resp: 321877

Ion Ratio Lower Upper

165 100

63 42.5 38.9 58.3

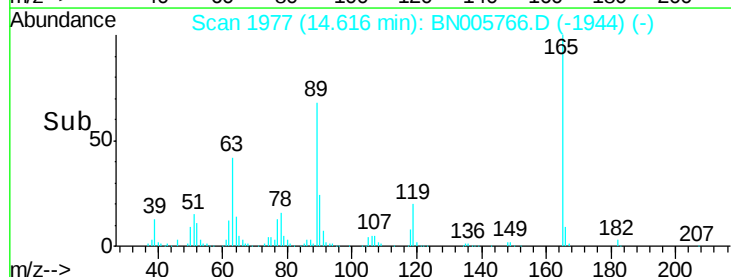
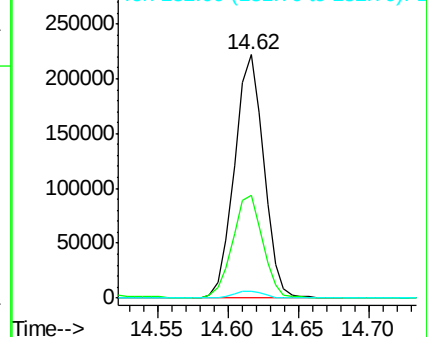
182 3.0 2.6 3.8

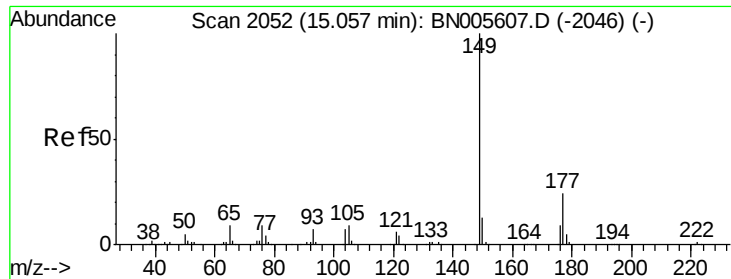


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

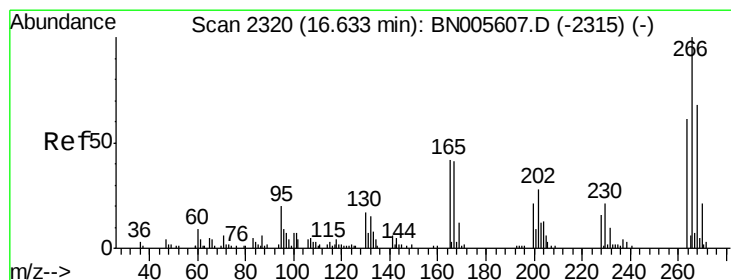
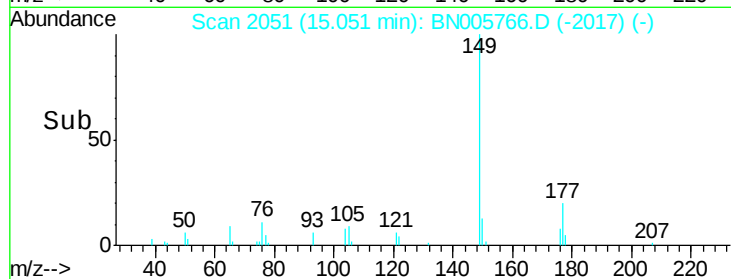
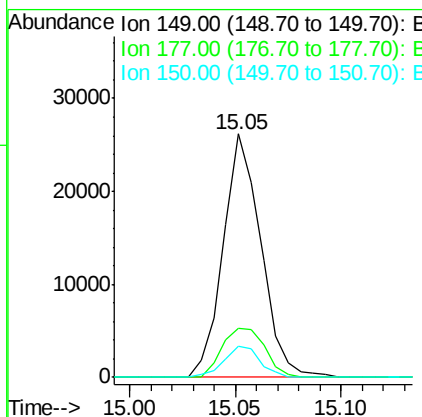
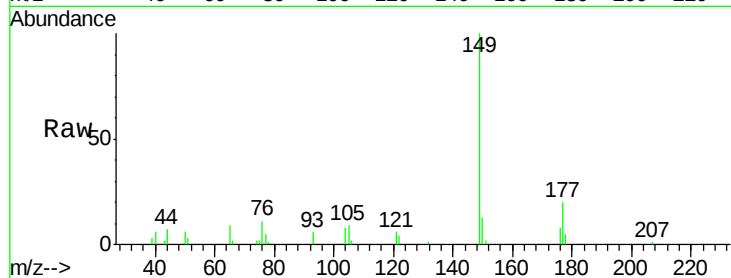




#56
Diethylphthalate
Concen: 1.220 ng/ul
RT: 15.05 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BN005766.D
Acq: 18 May 2019 22:48

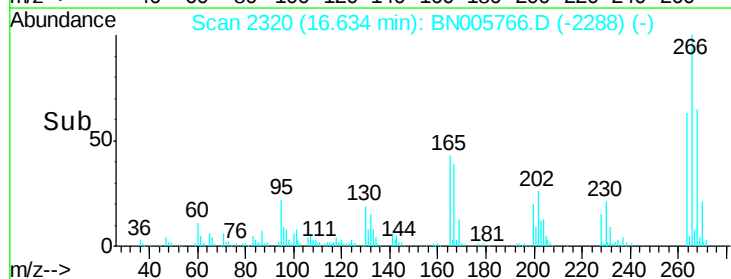
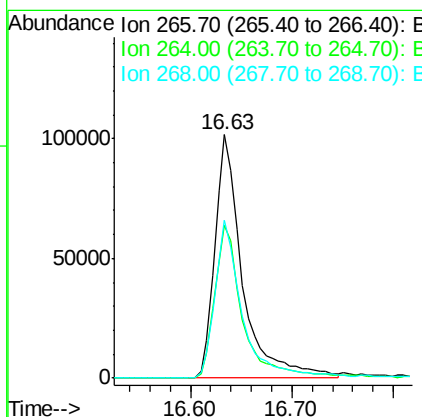
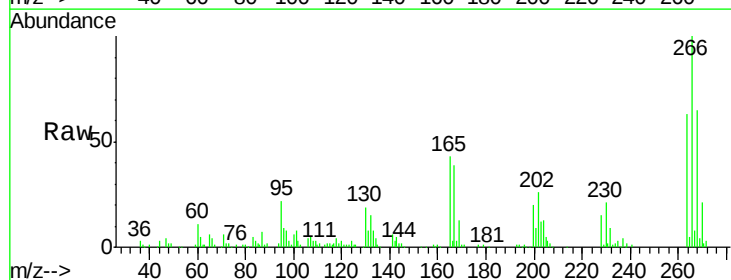
Instrument :
BNA_N
ClientSampleId :
A5167MS

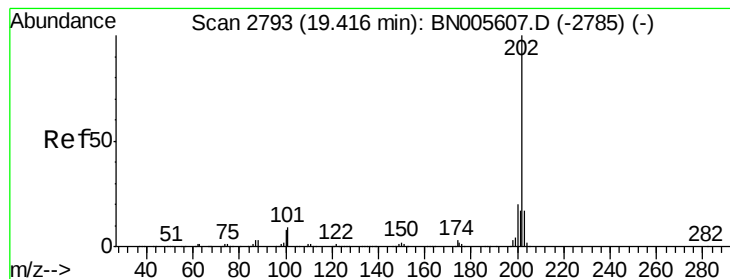
Tgt Ion:149 Resp: 32418
Ion Ratio Lower Upper
149 100
177 20.0 17.7 26.5
150 12.8 10.0 15.0



#68
Pentachlorophenol
Concen: 41.227 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN005766.D
Acq: 18 May 2019 22:48

Tgt Ion:266 Resp: 192628
Ion Ratio Lower Upper
266 100
264 62.6 49.7 74.5
268 64.9 52.4 78.6





#79

Pyrene

Concen: 39.436 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005766.D

Acq: 18 May 2019 22:48

Instrument :

BNA_N

ClientSampleId :

A5167MS

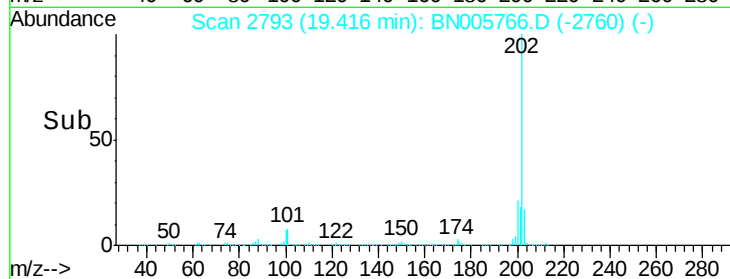
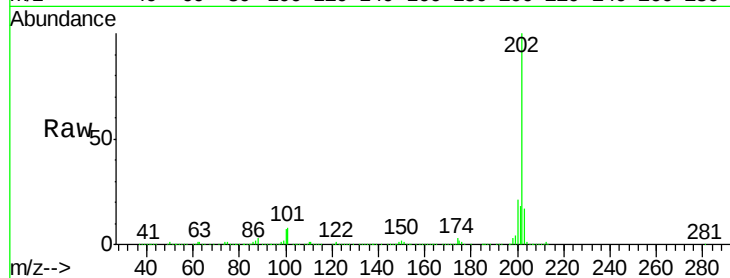
Tgt Ion:202 Resp: 2198358

Ion Ratio Lower Upper

202 100

101 8.4 10.3 15.5#

100 7.1 7.9 11.9#



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

