

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006474.D
 Acq On : 21 Jun 2019 20:32
 Operator : HP/JU
 Sample : K3388-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4216MS

Quant Time: Jun 21 22:45:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	261025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1231866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	725356	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1567569	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1319649	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	1198840	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	16852	2.52	ng/uL	0.00
5) Phenol-d5	6.80	99	319454	11.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	225964	13.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	253864	12.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	215174	9.76	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	129179	13.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	136418	12.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	243917	11.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	207699	8.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	840843	13.23	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	994213	12.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	102556	9.44	ng/ul	0.00
57) Fluorene-d10	15.28	176	711729	13.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	31169	3.14	ng/ul	0.00
70) Anthracene-d10	17.13	188	1073870	13.61	ng/ul	0.00
78) Pyrene-d10	19.45	212	1191059	15.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	928251	13.71	ng/ul	-0.02

Target Compounds

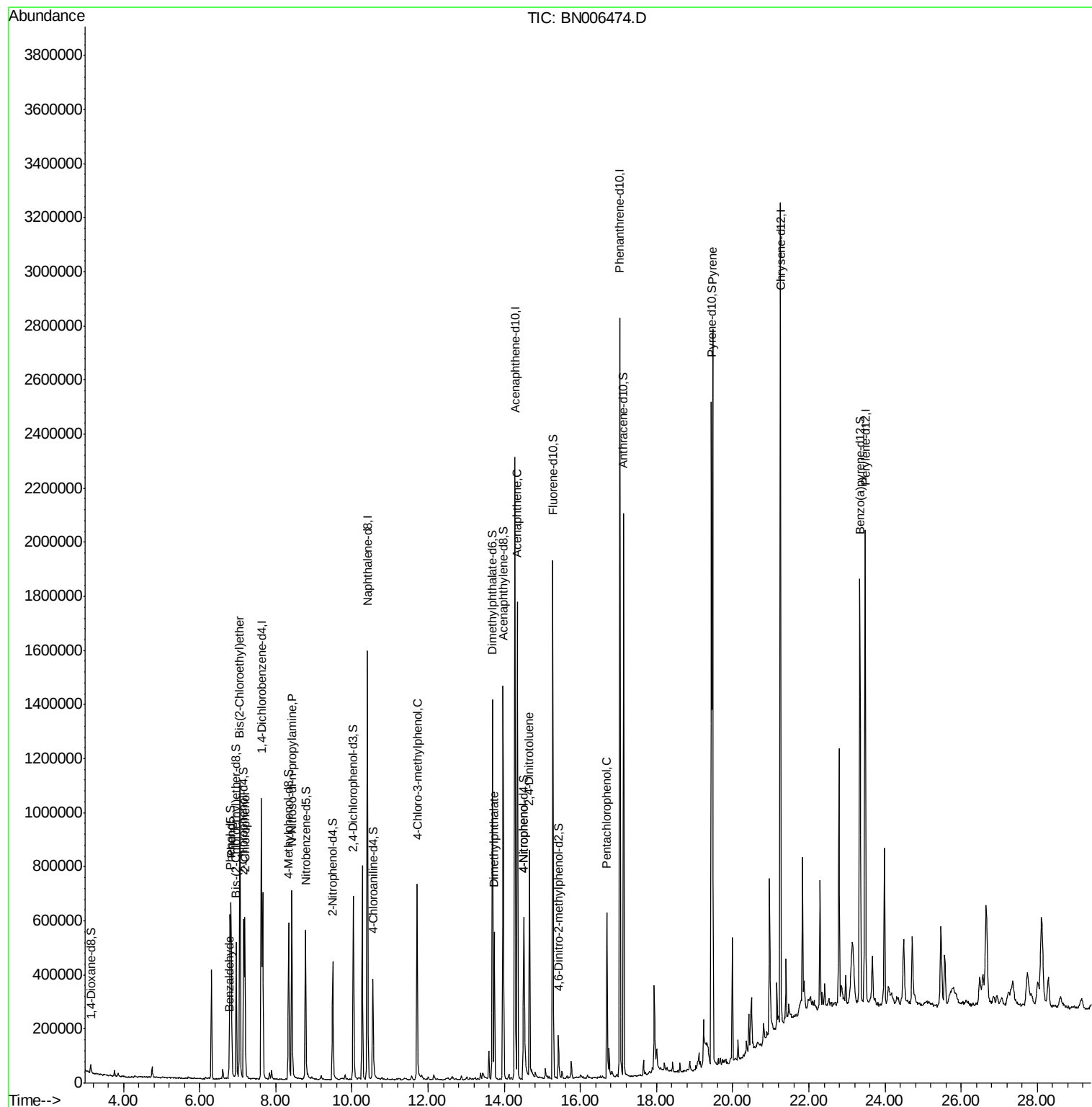
					Qvalue
4) Benzaldehyde	6.78	77	18118	1.614	ng/ul 97
6) Phenol	6.83	94	349441	13.041	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.06	93	397378	19.476	ng/ul# 23
10) 2-Chlorophenol	7.19	128	246544	12.555	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.42	70	238311	13.412	ng/ul 99
33) 4-Chloro-3-methylphenol	11.71	107	269974	11.892	ng/ul 99
44) Dimethylphthalate	13.74	163	325669	5.557	ng/ul 100
49) Acenaphthene	14.35	153	647629	13.161	ng/ul 99
52) 4-Nitrophenol	14.52	109	83537	10.994	ng/ul 99
54) 2,4-Dinitrotoluene	14.66	165	218533	13.288	ng/ul 98
68) Pentachlorophenol	16.70	266	105291	12.002	ng/ul 97
79) Pyrene	19.47	202	1494444	16.633	ng/ul 99

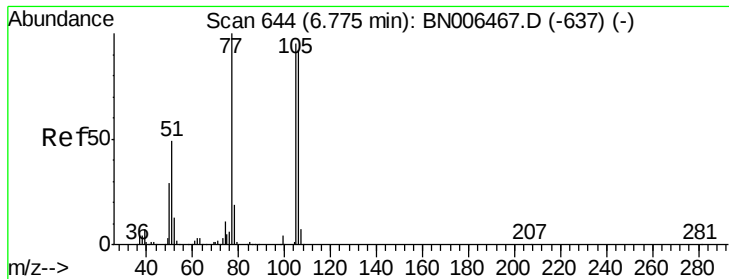
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.614 ng/ul

RT: 6.78 min Scan# 644

Delta R.T. -0.00 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

Instrument :

BNA_N

ClientSampleId :

A4216MS

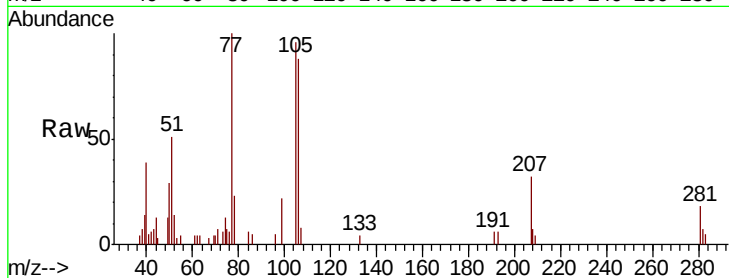
Tgt Ion: 77 Resp: 18118

Ion Ratio Lower Upper

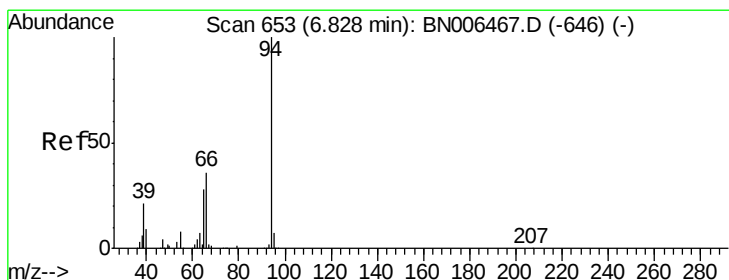
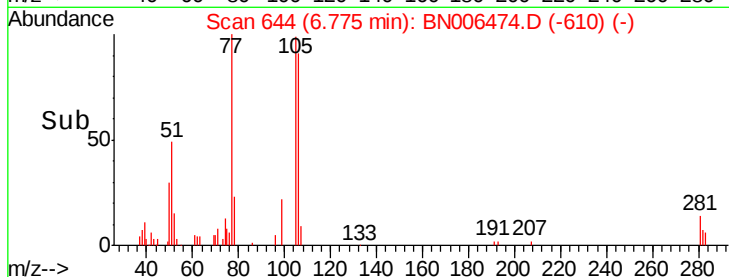
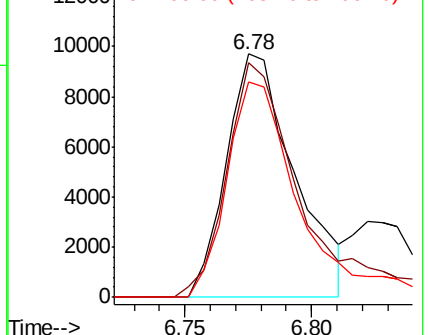
77 100

105 96.2 74.1 111.1

106 88.3 72.7 109.1



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 13.041 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

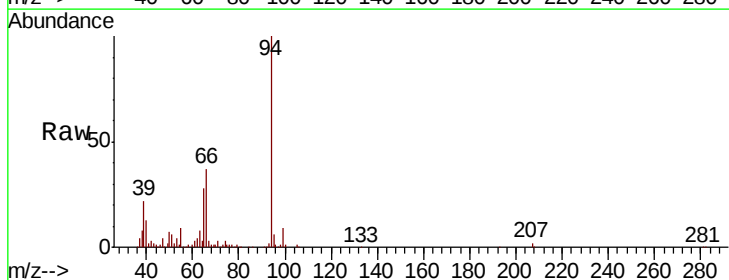
Tgt Ion: 94 Resp: 349441

Ion Ratio Lower Upper

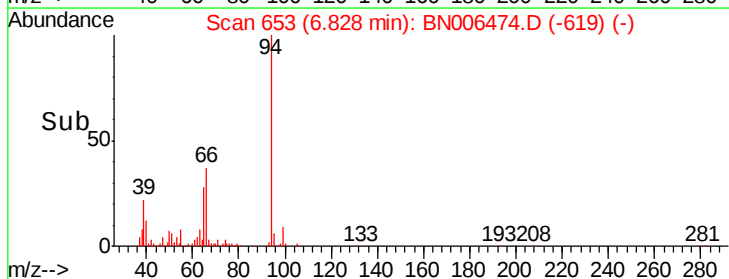
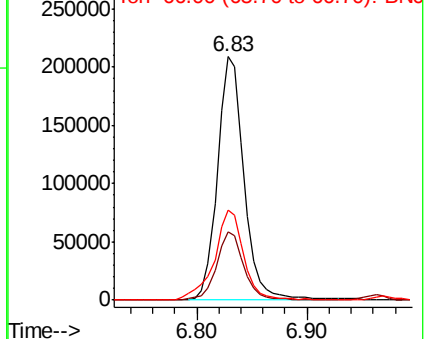
94 100

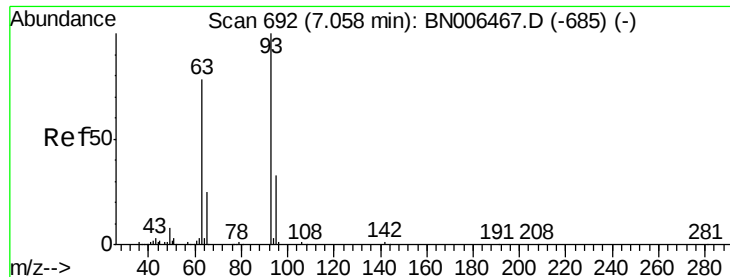
65 28.3 22.5 33.7

66 37.1 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





#8

Bis(2-Chloroethyl)ether

Concen: 19.476 ng/ul

RT: 7.06 min Scan# 692

Delta R.T. -0.00 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

Instrument :

BNA_N

ClientSampleId :

A4216MS

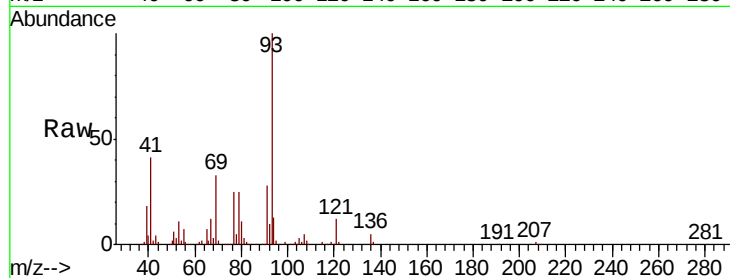
Tgt Ion: 93 Resp: 397378

Ion Ratio Lower Upper

93 100

63 2.0 61.8 92.8#

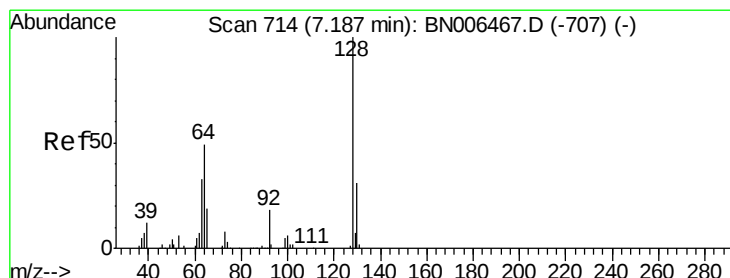
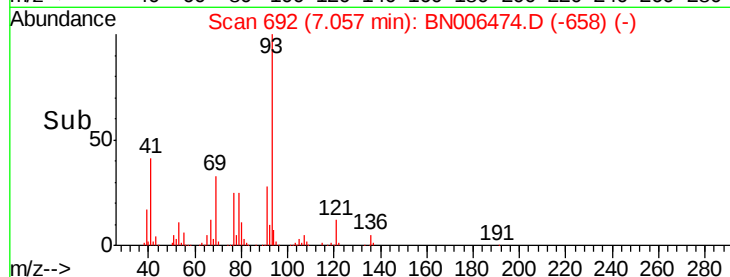
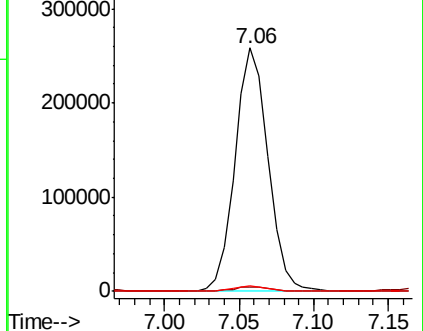
95 2.0 25.6 38.4#



Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC



#10

2-Chlorophenol

Concen: 12.555 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

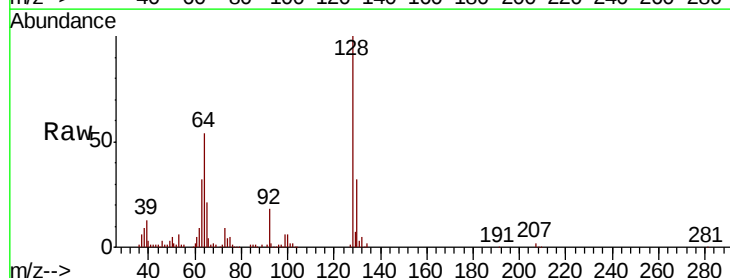
Tgt Ion:128 Resp: 246544

Ion Ratio Lower Upper

128 100

64 53.6 42.4 63.6

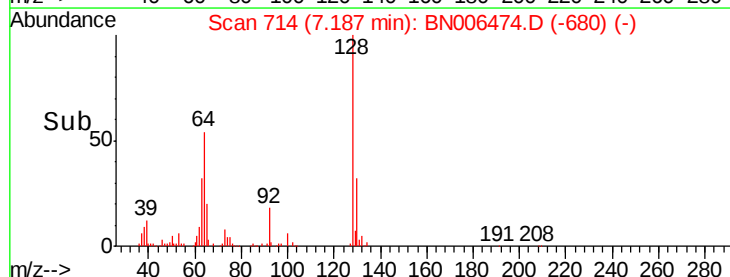
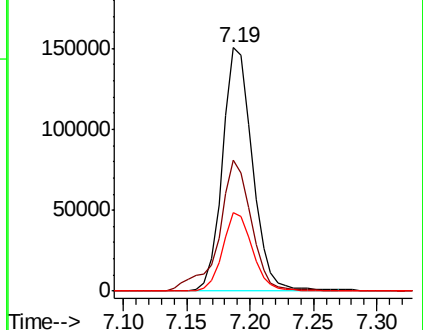
130 32.1 26.6 39.8

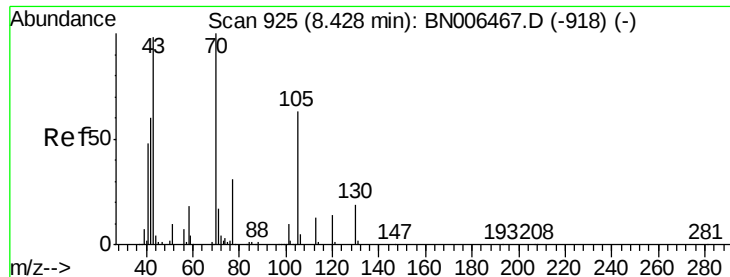


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 13.412 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

Instrument :

BNA_N

ClientSampleId :

A4216MS

Tgt Ion: 70 Resp: 238311

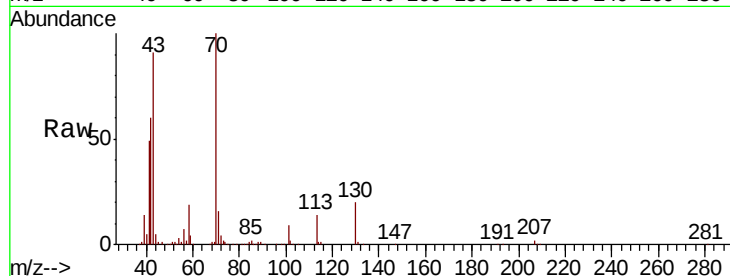
Ion Ratio Lower Upper

70 100

42 59.6 48.0 72.0

101 9.3 7.4 11.0

130 19.6 16.1 24.1

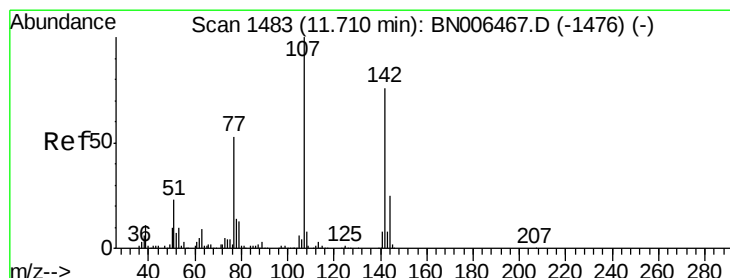
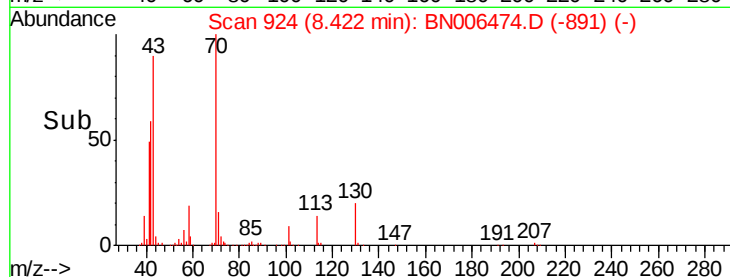
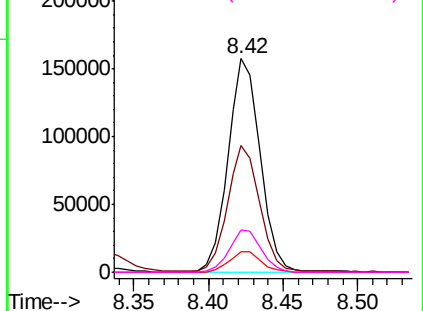


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 11.892 ng/ul

RT: 11.71 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

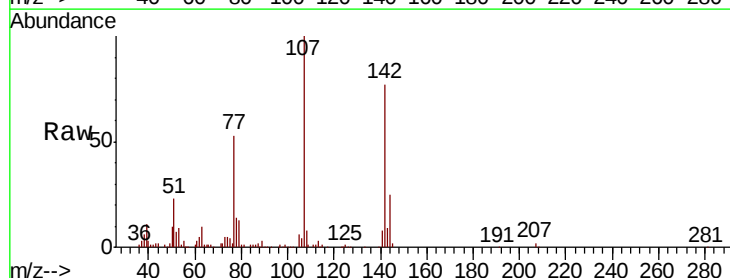
Tgt Ion: 107 Resp: 269974

Ion Ratio Lower Upper

107 100

144 25.1 20.7 31.1

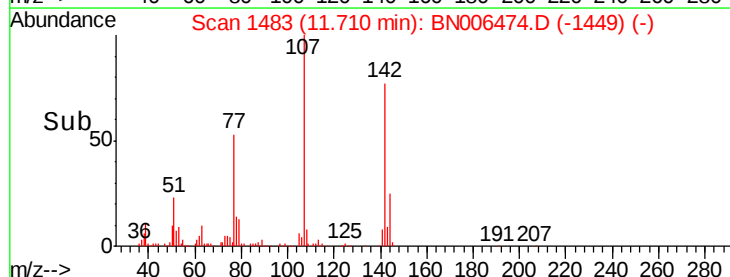
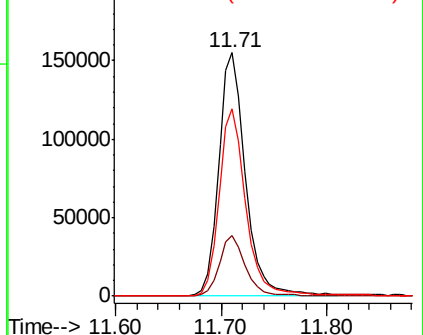
142 76.8 60.8 91.2

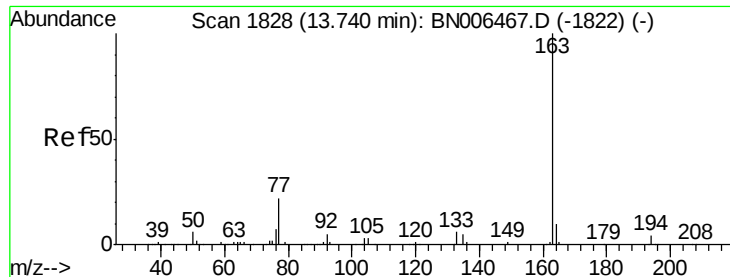


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

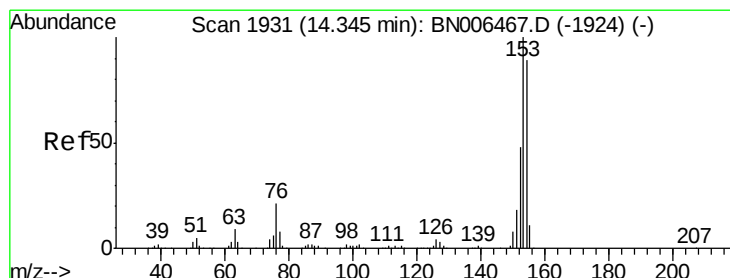
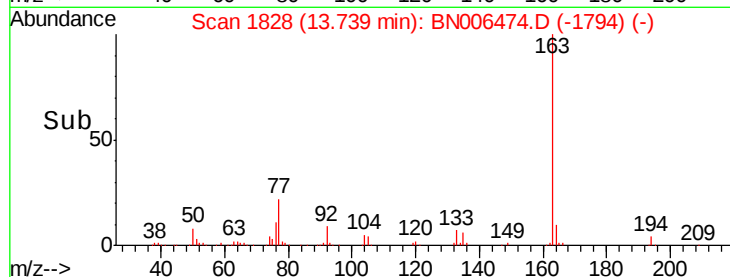
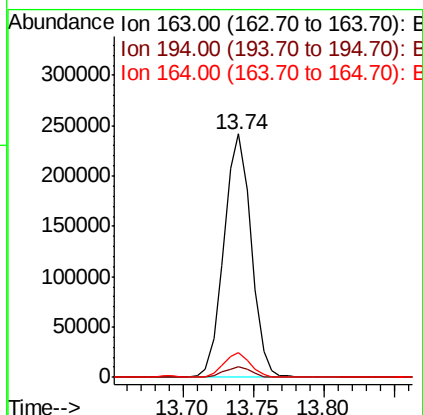
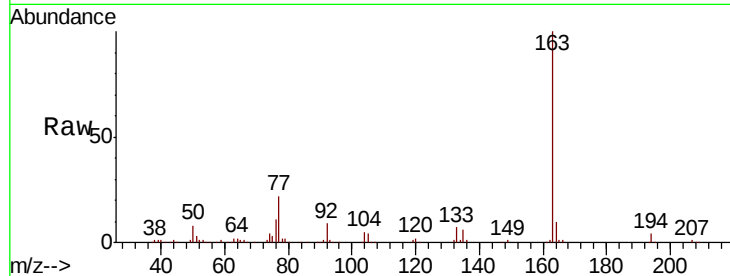




#44
Dimethylphthalate
Concen: 5.557 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

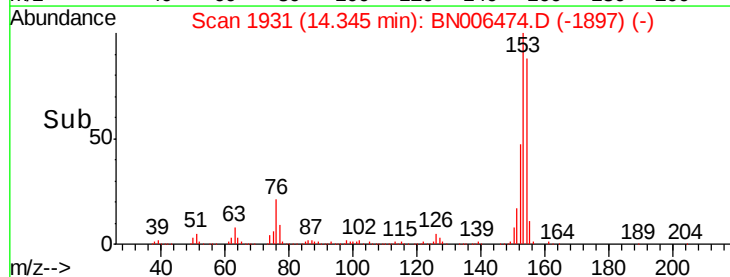
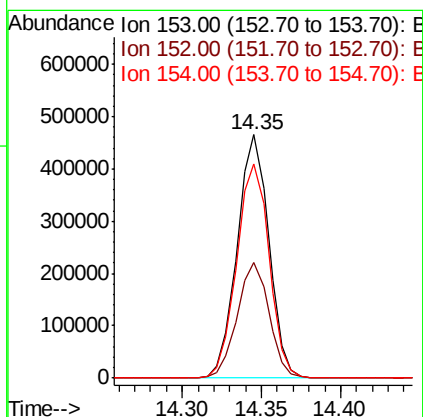
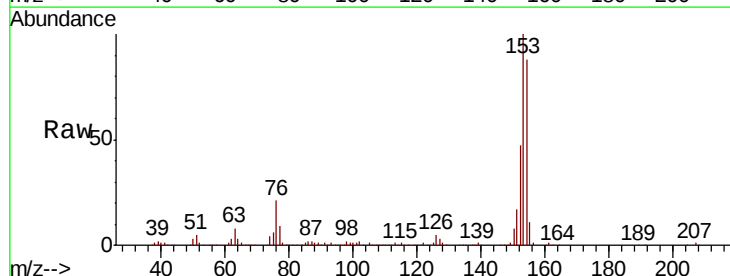
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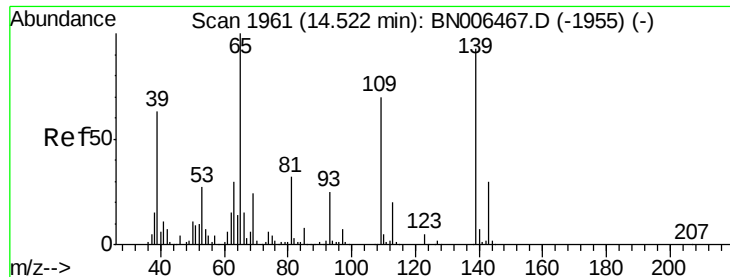
Tgt Ion:163 Resp: 325669
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 8.0 12.0



#49
Acenaphthene
Concen: 13.161 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Tgt Ion:153 Resp: 647629
Ion Ratio Lower Upper
153 100
152 47.3 37.8 56.6
154 88.0 71.2 106.8





#52

4-Nitrophenol

Concen: 10.994 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

Instrument :

BNA_N

ClientSampleId :

A4216MS

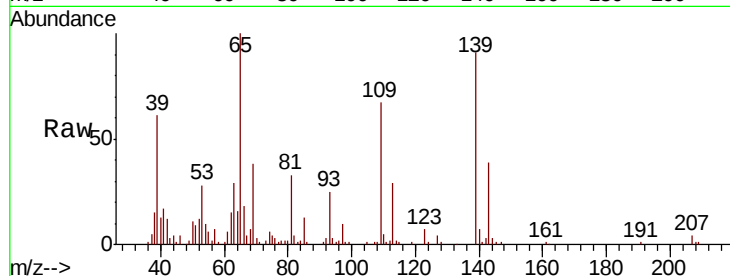
Tgt Ion:109 Resp: 83537

Ion Ratio Lower Upper

109 100

139 135.7 109.0 163.4

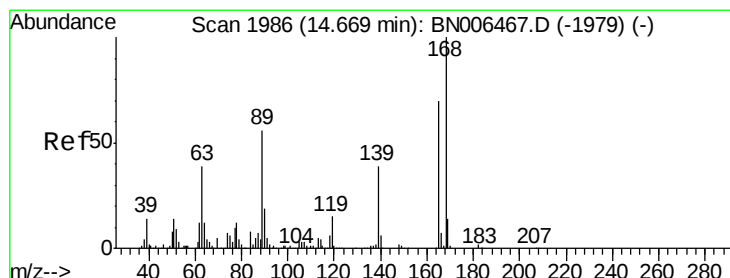
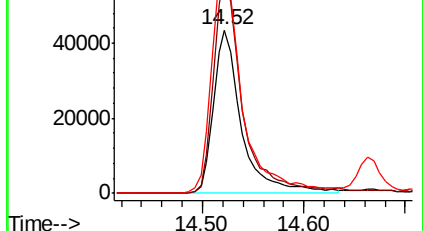
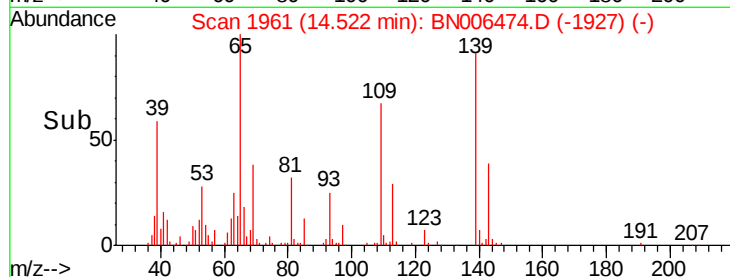
65 149.1 118.1 177.1



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: 13.288 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN006474.D

Acq: 21 Jun 2019 20:32

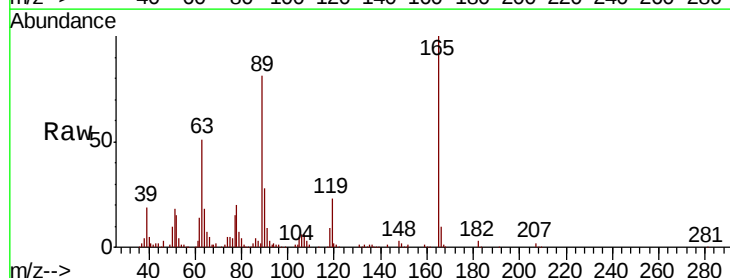
Tgt Ion:165 Resp: 218533

Ion Ratio Lower Upper

165 100

63 50.9 41.7 62.5

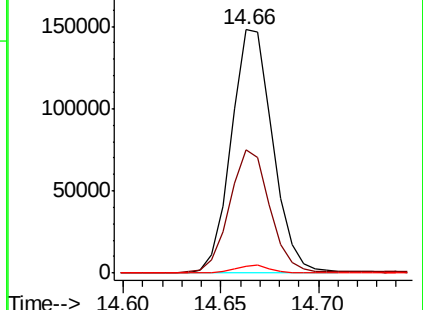
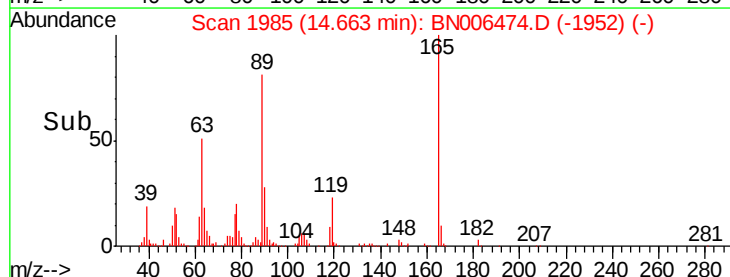
182 2.8 2.2 3.4

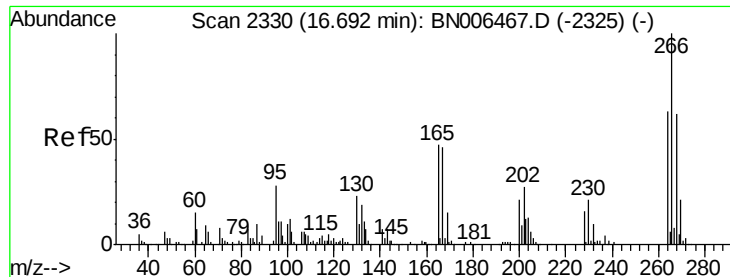


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

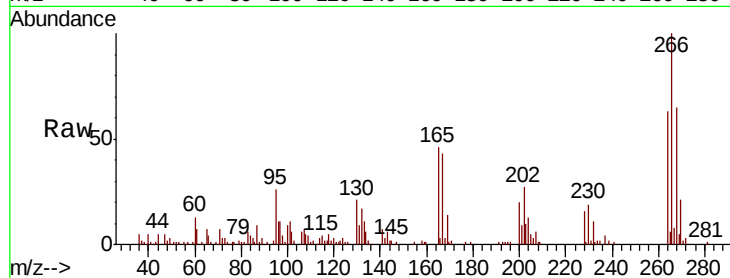




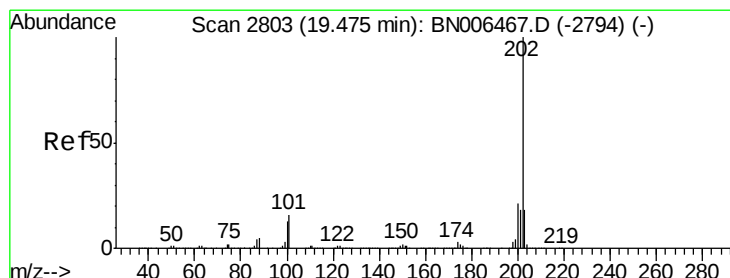
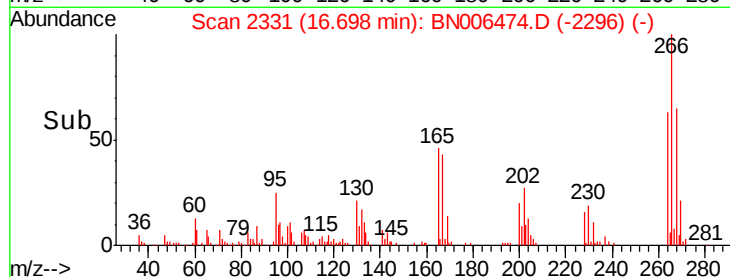
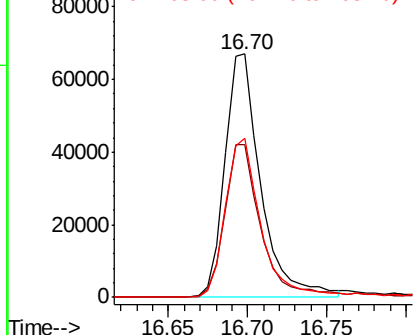
#68
 Pentachlorophenol
 Concen: 12.002 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.01 min
 Lab File: BN006474.D
 Acq: 21 Jun 2019 20:32

Instrument :
 BNA_N
 ClientSampleId :
 A4216MS

Tgt Ion:266 Resp: 105291
 Ion Ratio Lower Upper
 266 100
 264 62.9 47.8 71.6
 268 65.4 50.8 76.2

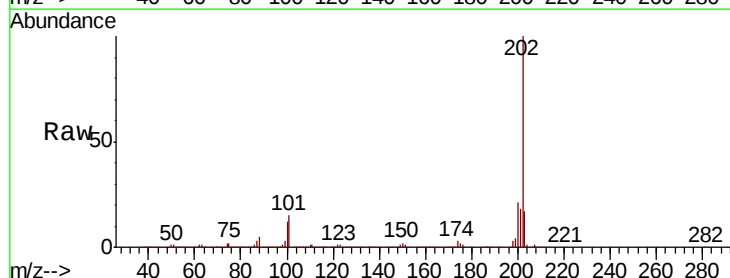


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 16.633 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. -0.00 min
 Lab File: BN006474.D
 Acq: 21 Jun 2019 20:32

Tgt Ion:202 Resp: 1494444
 Ion Ratio Lower Upper
 202 100
 101 15.1 12.2 18.4
 100 11.9 9.8 14.6



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

