

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005563.D
 Acq On : 09 May 2019 12:58
 Operator : JU/SJ
 Sample : K2606-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5146MS

Quant Time: May 09 13:50:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 09 13:42:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	235128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1034053	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	654361	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1538603	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1229907	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1094734	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	31663	6.50	ng/uL	0.00
5) Phenol-d5	6.77	99	743160	40.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	424943	36.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	613611	43.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	639322	44.29	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	336873	52.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	385459	59.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	685725	46.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	896477	58.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	2189809	46.10	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2779155	47.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	341232	45.50	ng/ul	0.00
57) Fluorene-d10	15.22	176	1916690	48.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	246860	35.67	ng/ul	0.00
70) Anthracene-d10	17.07	188	3046423	47.23	ng/ul	0.00
78) Pyrene-d10	19.39	212	3224670	51.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2311122	48.31	ng/ul	0.00

Target Compounds

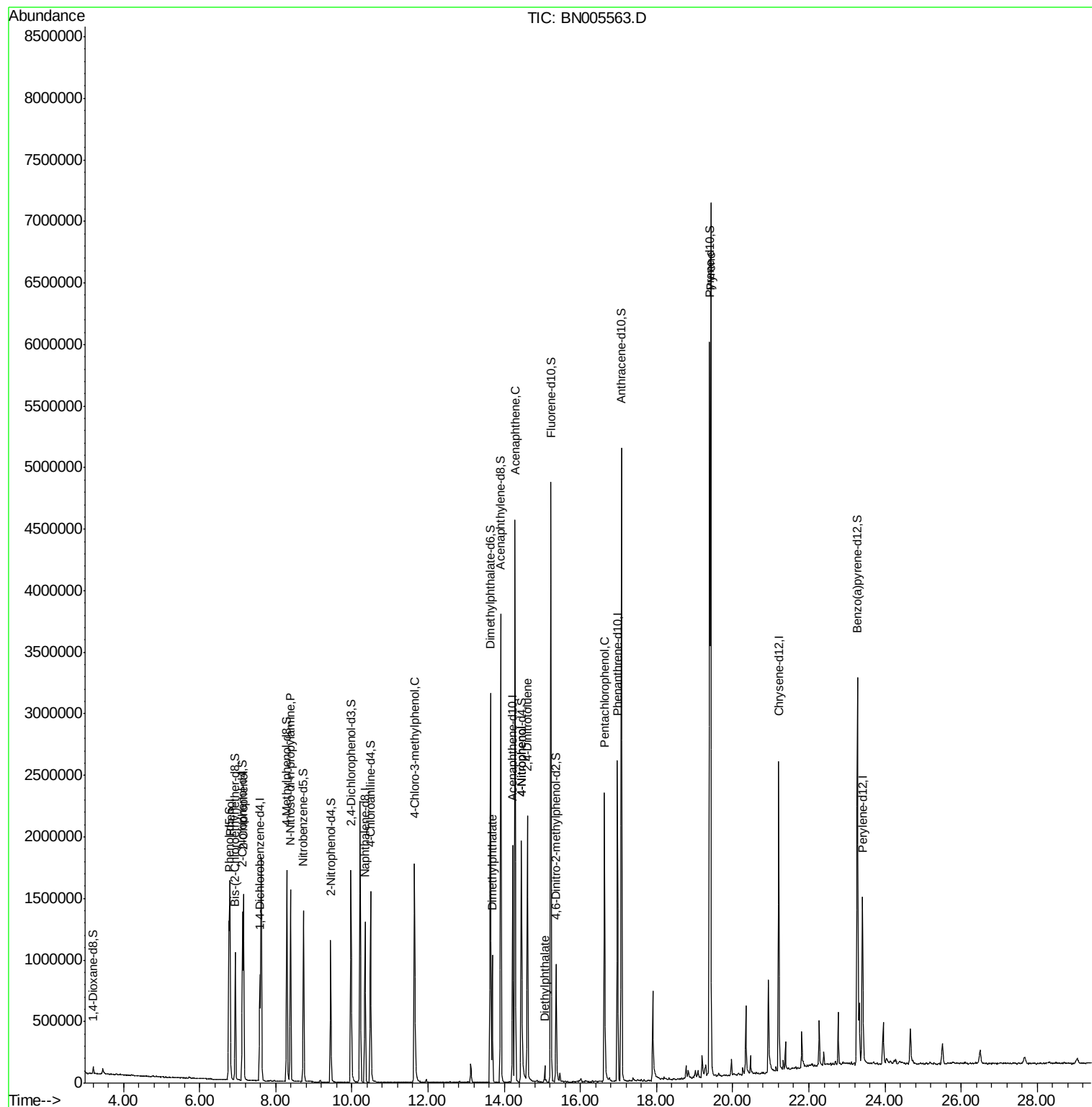
					Ovalue	
6) Phenol	6.80	94	814488	42.879	ng/ul	99
10) 2-Chlorophenol	7.16	128	639758	43.787	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	537230	43.471	ng/ul#	88
33) 4-Chloro-3-methylphenol	11.65	107	762040	46.365	ng/ul	94
44) Dimethylphthalate	13.69	163	682783	14.426	ng/ul	99
49) Acenaphthene	14.29	153	1848227	47.218	ng/ul	99
52) 4-Nitrophenol	14.46	109	303444	44.572	ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	700606	59.466	ng/ul#	86
56) Diethylphthalate	15.06	149	71071	1.498	ng/ul	95
68) Pentachlorophenol	16.63	266	453948	46.971	ng/ul	99
79) Pyrene	19.42	202	4152508	52.437	ng/ul#	94

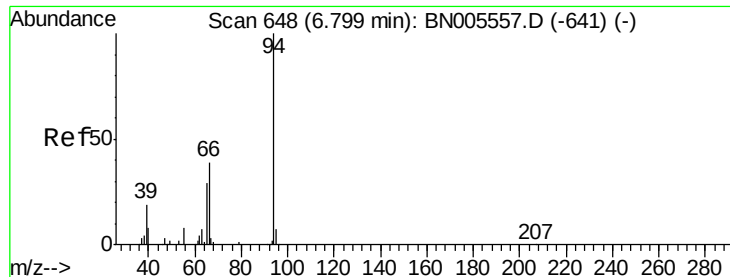
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 42.879 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005563.D

Acq: 09 May 2019 12:58

Instrument :

BNA_N

ClientSampleId :

A5146MS

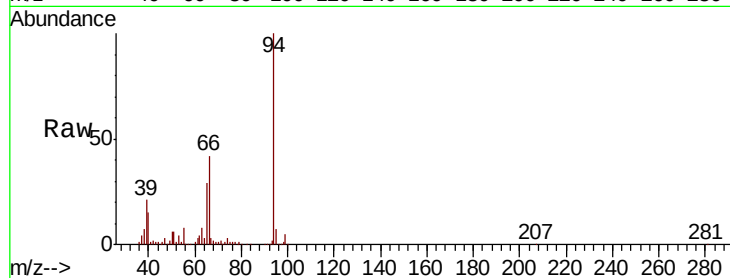
Tot Ion: 94 Resp: 814488

Ion Ratio Lower Upper

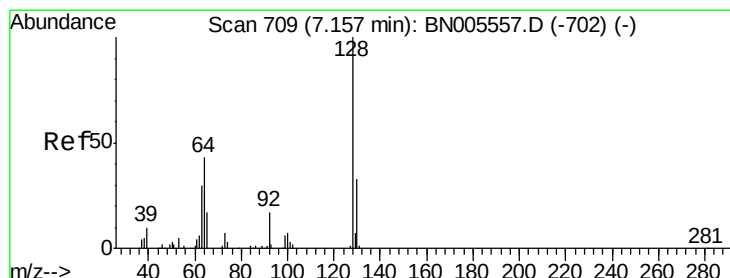
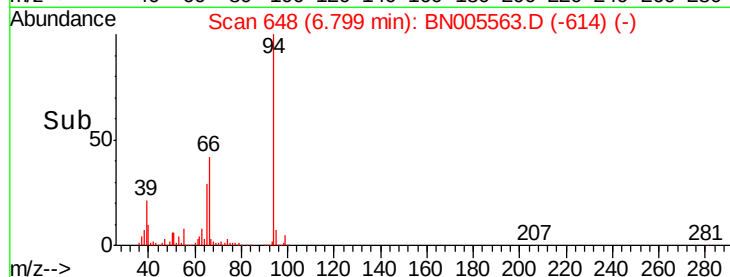
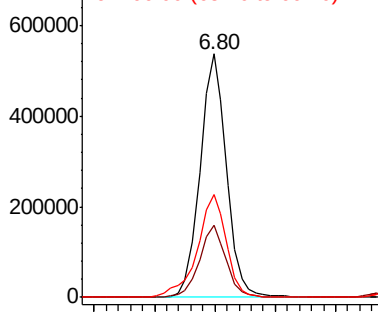
94 100

65 29.5 24.2 36.4

66 42.1 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#10

2-Chlorophenol

Concen: 43.787 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN005563.D

Acq: 09 May 2019 12:58

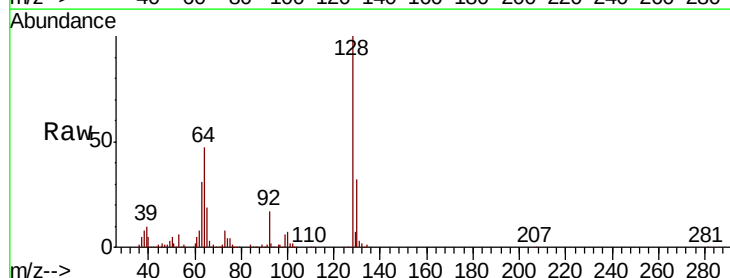
Tgt Ion: 128 Resp: 639758

Ion Ratio Lower Upper

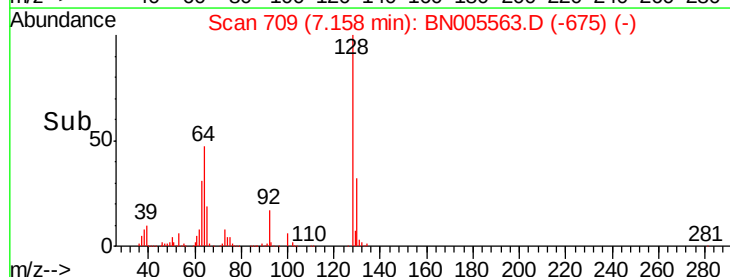
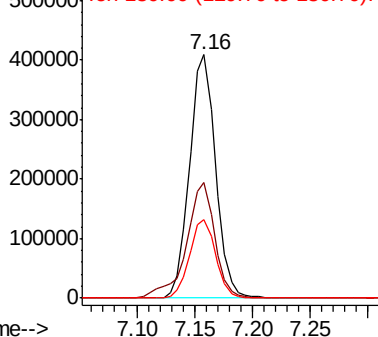
128 100

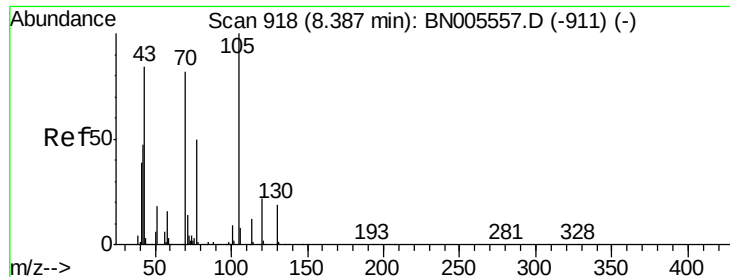
64 47.3 42.3 63.5

130 32.4 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 43.471 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.00 min

Lab File: BN005563.D

Acq: 09 May 2019 12:58

Instrument :

BNA_N

ClientSampleId :

A5146MS

Tot Ion: 70 Resp: 537230

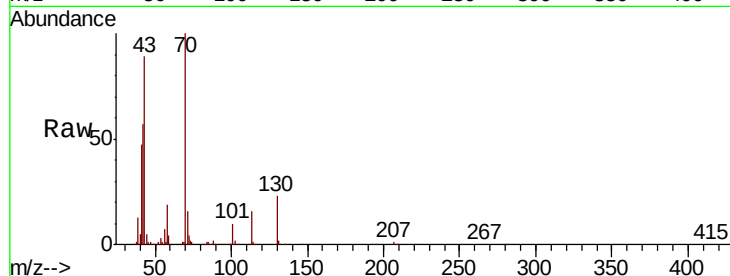
Ion Ratio Lower Upper

70 100

42 56.6 53.8 80.8

101 10.3 7.7 11.5

130 23.5 15.0 22.4#

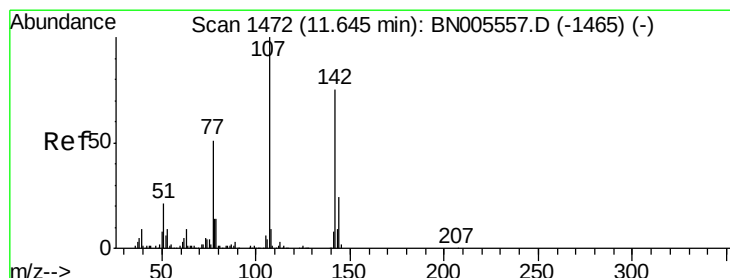
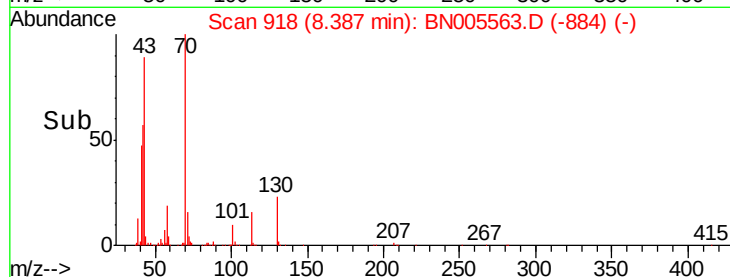
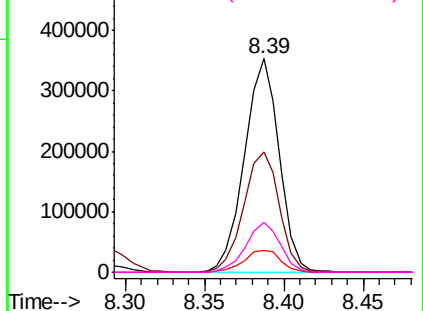


Abundance Ion 70.00 (69.70 to 70.70): BN0

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



#33

4-Chloro-3-methylphenol

Concen: 46.365 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005563.D

Acq: 09 May 2019 12:58

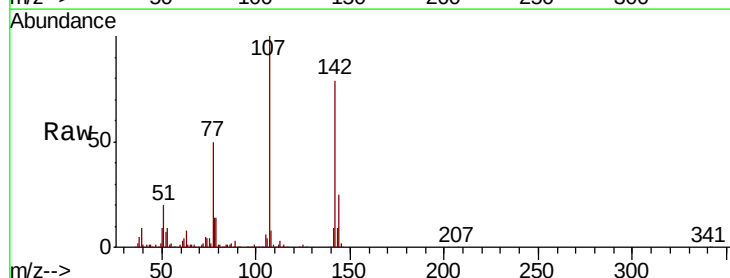
Tgt Ion: 107 Resp: 762040

Ion Ratio Lower Upper

107 100

144 25.2 19.4 29.0

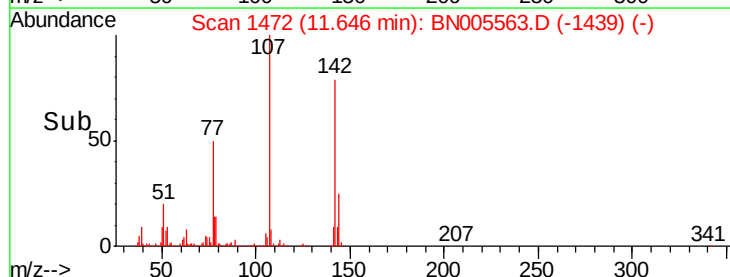
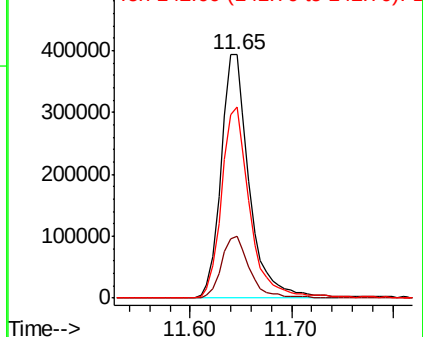
142 78.6 57.7 86.5

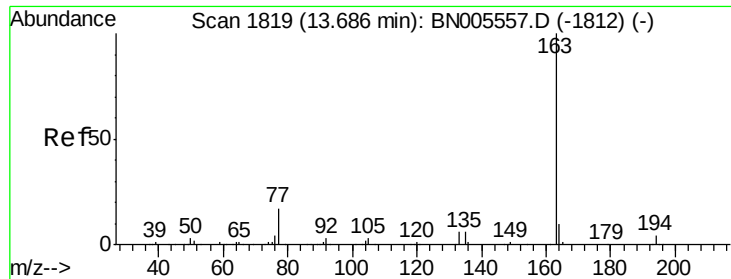


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

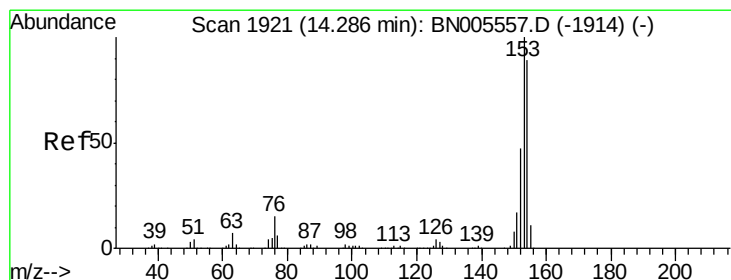
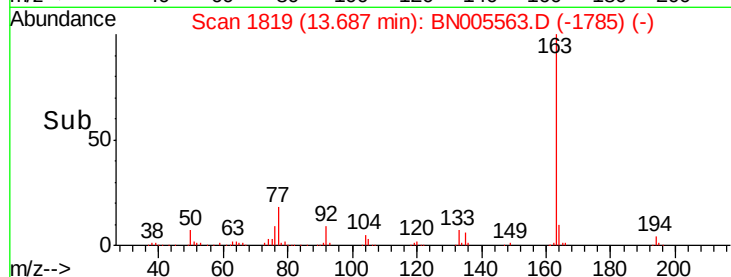
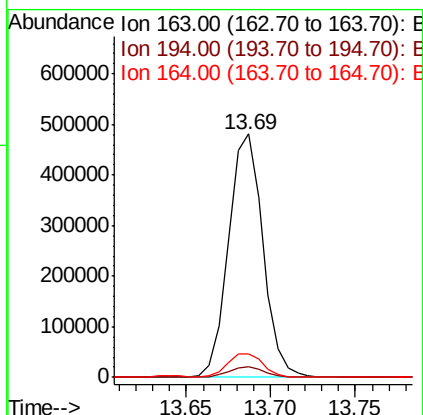
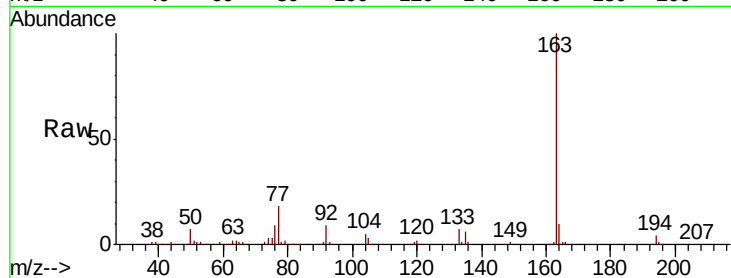




#44
Dimethylphthalate
Concen: 14.426 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BN005563.D
Acq: 09 May 2019 12:58

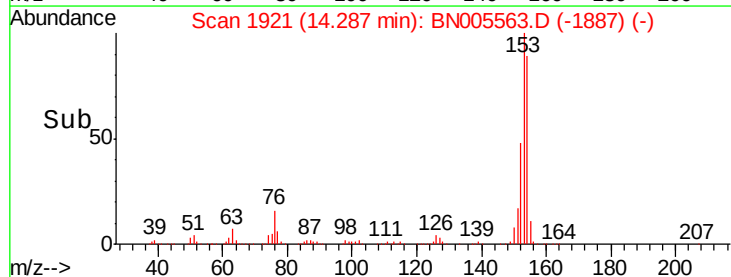
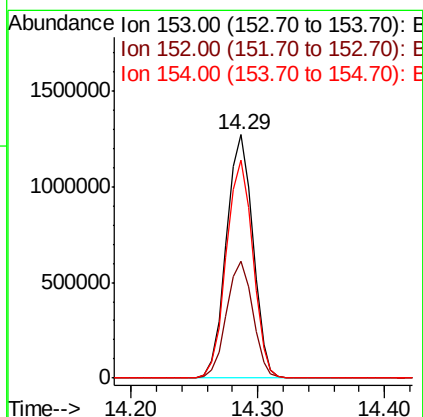
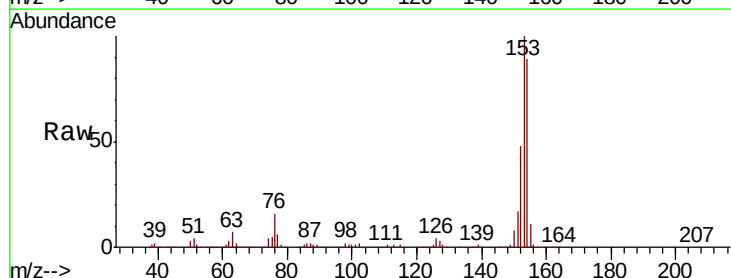
Instrument :
BNA_N
ClientSampleId :
A5146MS

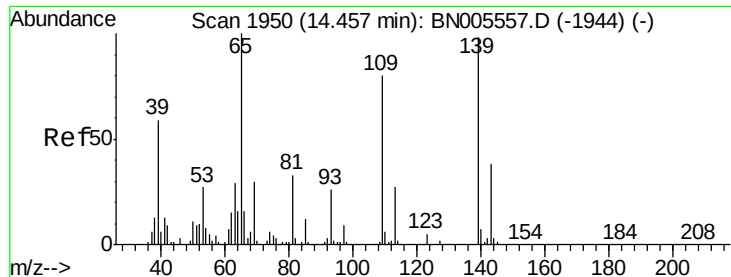
Tot Ion:163 Resp: 682783
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.6 8.1 12.1



#49
Acenaphthene
Concen: 47.218 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BN005563.D
Acq: 09 May 2019 12:58

Tgt Ion:153 Resp: 1848227
Ion Ratio Lower Upper
153 100
152 48.0 37.4 56.0
154 89.5 71.2 106.8





#52

4-Nitrophenol

Concen: 44.572 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN005563.D

Acq: 09 May 2019 12:58

Instrument :

BNA_N

ClientSampleId :

A5146MS

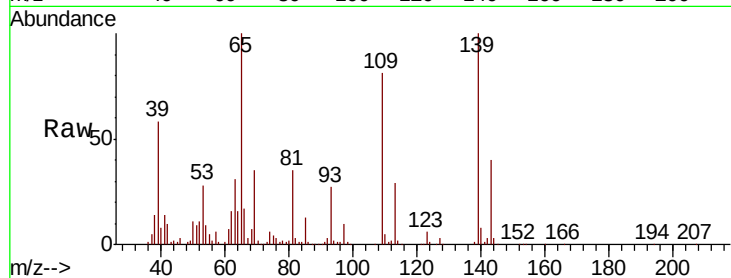
Tot Ion:109 Resp: 303444

Ion Ratio Lower Upper

109 100

139 123.8 92.3 138.5

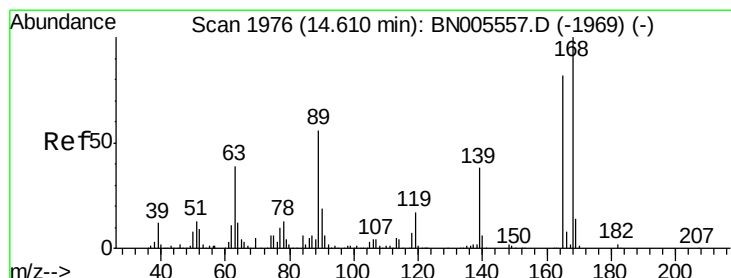
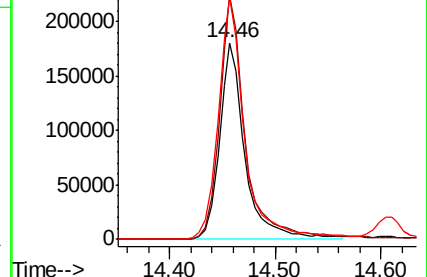
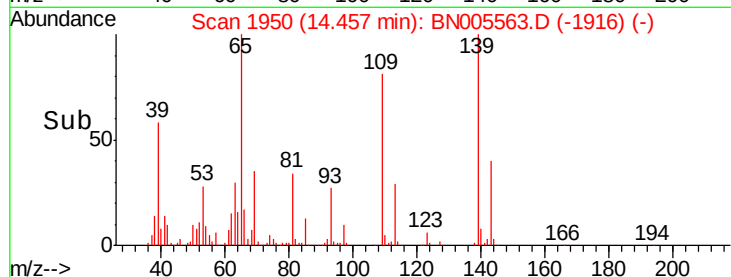
65 123.3 97.5 146.3



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: 59.466 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN005563.D

Acq: 09 May 2019 12:58

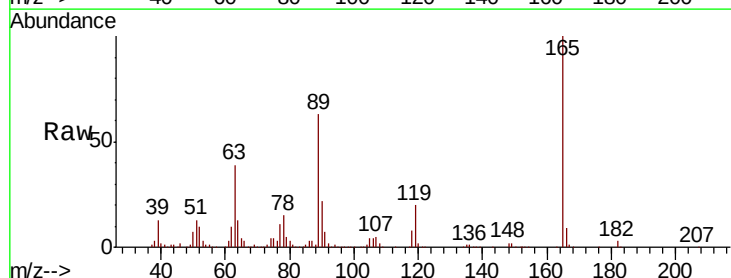
Tgt Ion:165 Resp: 700606

Ion Ratio Lower Upper

165 100

63 38.5 38.9 58.3#

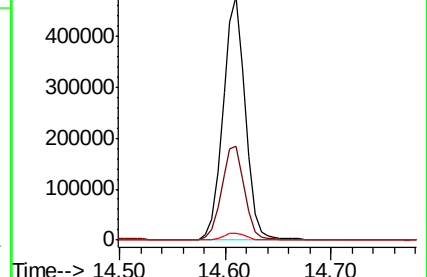
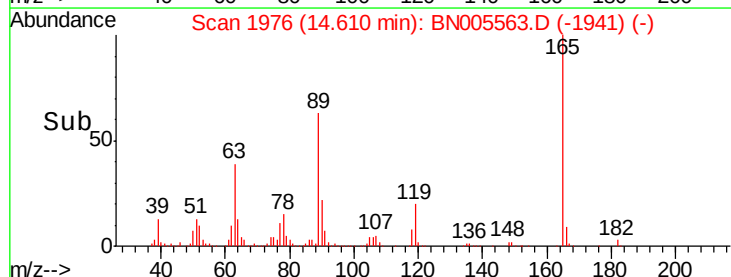
182 3.0 2.6 3.8

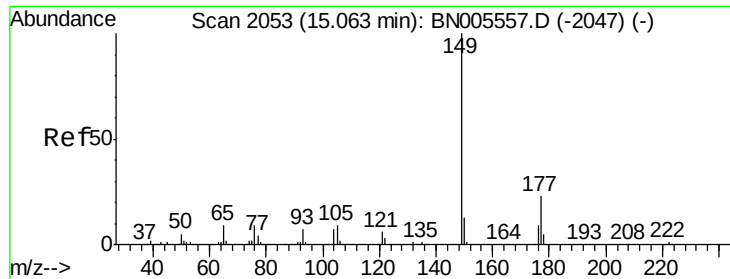


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 1.498 ng/ul

RT: 15.06 min Scan# 2053

Delta R.T. 0.00 min

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Acq: 09 May 2019 12:58

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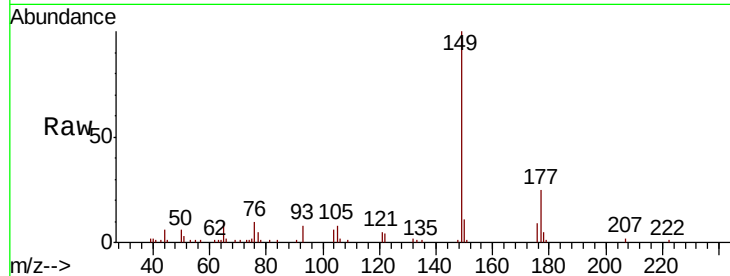
Tot Ion:149 Resp: 71071

Ion Ratio Lower Upper

149 100

177 25.0 17.7 26.5

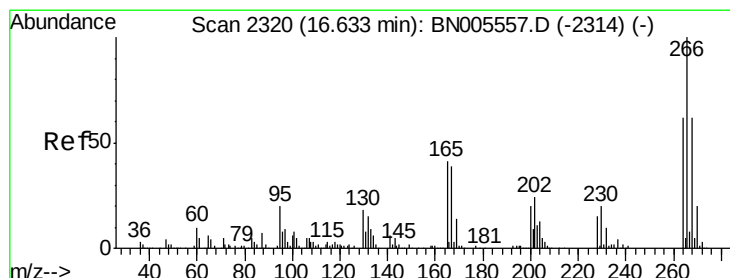
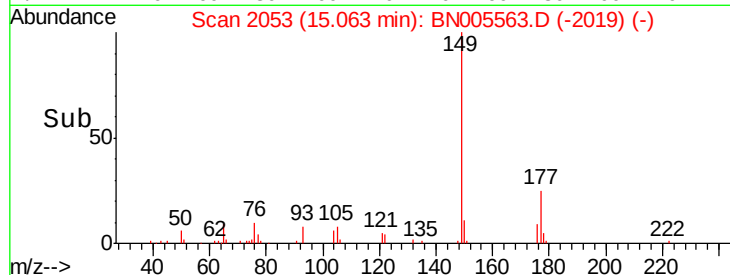
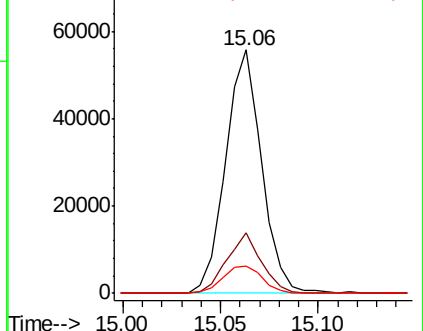
150 11.2 10.0 15.0



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



#68

Pentachlorophenol

Concen: 46.971 ng/ul

RT: 16.63 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BN005563.D

Acq: 09 May 2019 12:58

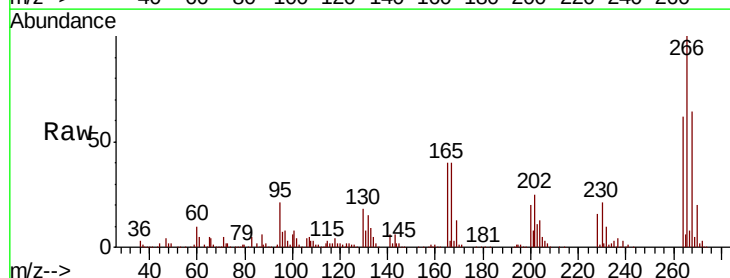
Tgt Ion:266 Resp: 453948

Ion Ratio Lower Upper

266 100

264 62.3 49.7 74.5

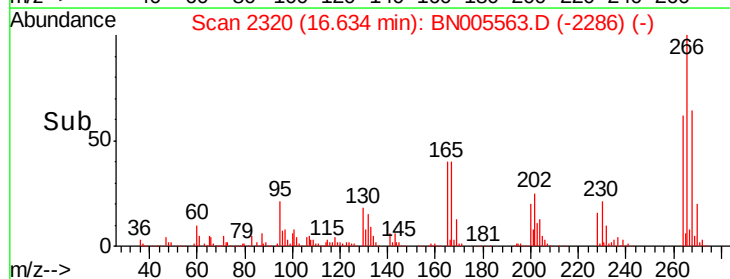
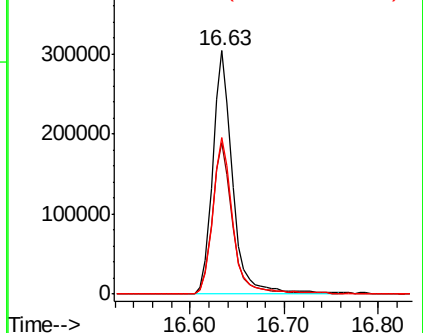
268 64.2 52.4 78.6

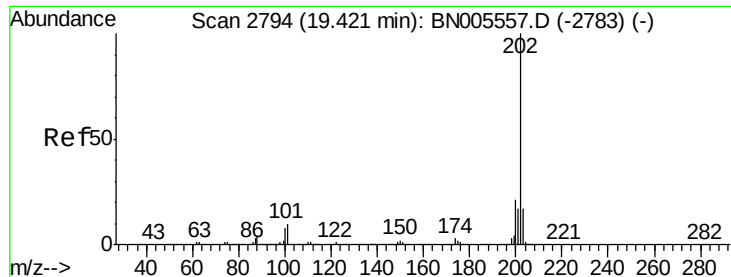


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 52.437 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BN005563.D

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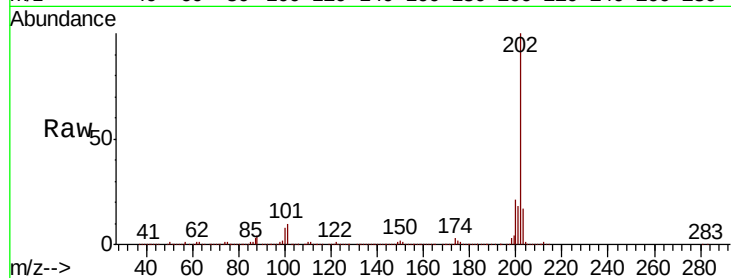
Tot Ion:202 Resp: 4152508

Ion Ratio Lower Upper

202 100

101 10.2 10.3 15.5#

100 8.4 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

