

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005564.D
 Acq On : 09 May 2019 14:04
 Operator : JU/SJ
 Sample : K2606-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5146MSD

Quant Time: May 09 14:53:19 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	7.58	152	242694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	1056490	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	674524	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1569983	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1284264	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1169038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	33206	6.61	ng/uL	0.00
5) Phenol-d5	6.76	99	761692	39.96	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	437638	36.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	632753	43.38	ng/ul	-0.01
13) 4-Methylphenol-d8	8.29	113	646234	43.37	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	344593	52.99	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	396066	60.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	701650	46.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	937794	60.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	2241015	45.77	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2847055	47.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	358185	46.33	ng/ul	0.00
57) Fluorene-d10	15.22	176	1972482	48.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	269206	38.12	ng/ul	0.00
70) Anthracene-d10	17.07	188	3113936	47.31	ng/ul	0.00
78) Pyrene-d10	19.39	212	3343701	50.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	2417340	47.32	ng/ul	0.00

Target Compounds

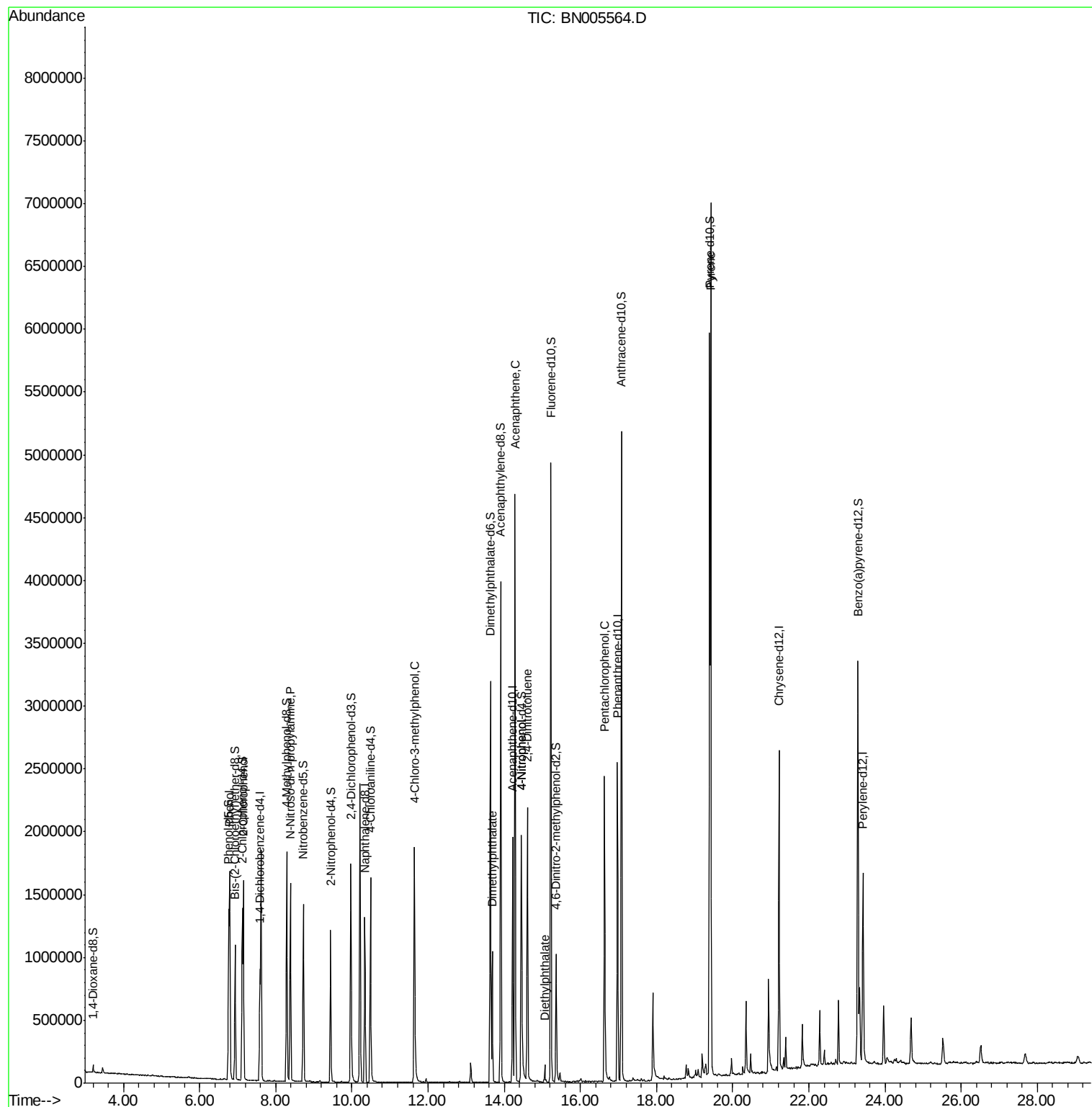
					Ovalue
6) Phenol	6.79	94	847830	43.243	ng/ul 98
10) 2-Chlorophenol	7.15	128	655906	43.493	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.38	70	557796	43.728	ng/ul# 90
33) 4-Chloro-3-methylphenol	11.64	107	787826	46.916	ng/ul 92
44) Dimethylphthalate	13.69	163	694014	14.225	ng/ul 100
49) Acenaphthene	14.29	153	1897803	47.036	ng/ul 100
52) 4-Nitrophenol	14.46	109	313712	44.702	ng/ul 93
54) 2,4-Dinitrotoluene	14.61	165	708612	58.348	ng/ul# 86
56) Diethylphthalate	15.06	149	71855	1.469	ng/ul 96
68) Pentachlorophenol	16.63	266	474064	48.072	ng/ul 98
79) Pyrene	19.43	202	4262241	51.545	ng/ul# 93

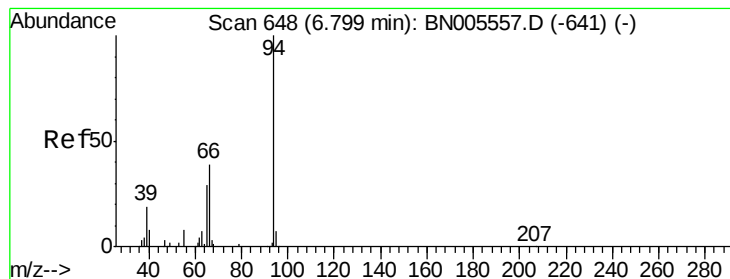
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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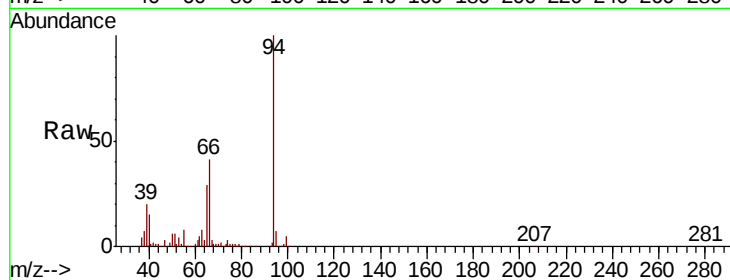
#6

Phenol

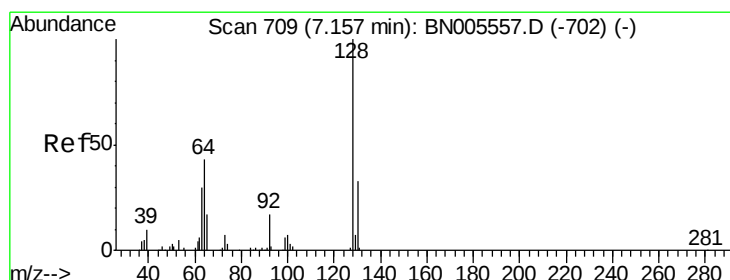
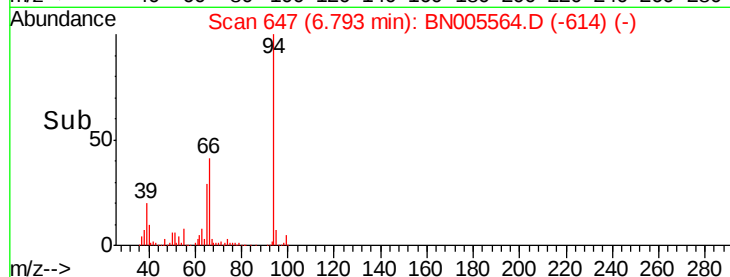
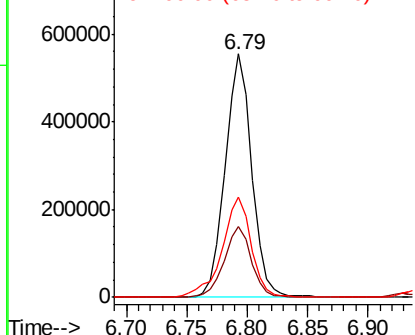
Concen: 43.243 ng/ul
 RT: 6.79 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BN005564.D
 Acq: 09 May 2019 14:04

Instrument :
 BNA_N
 ClientSampleId :
 A5146MSD

Tot Ion: 94 Resp: 847830
 Ion Ratio Lower Upper
 94 100
 65 29.0 24.2 36.4
 66 41.0 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

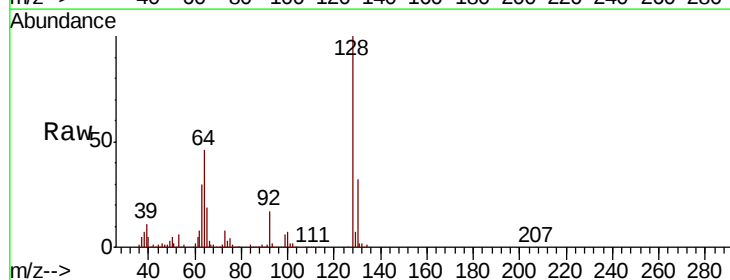


#10

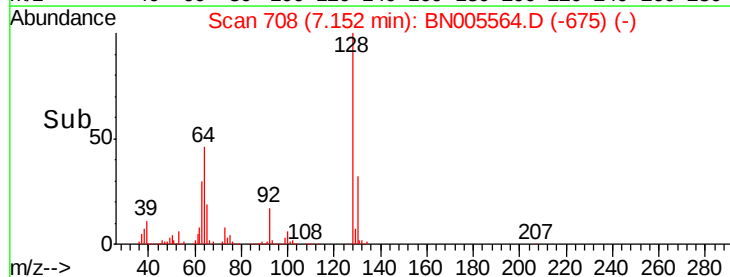
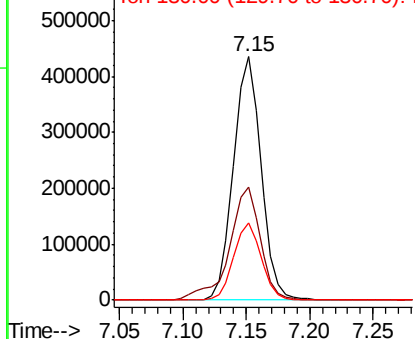
2-Chlorophenol

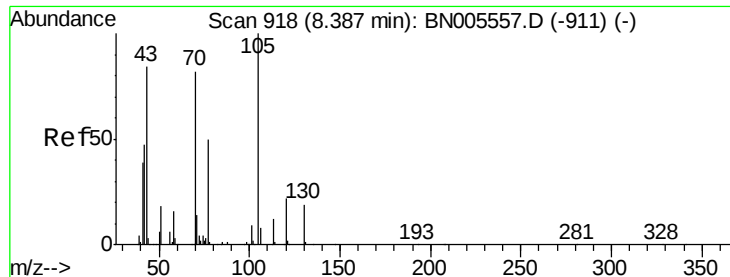
Concen: 43.493 ng/ul
 RT: 7.15 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BN005564.D
 Acq: 09 May 2019 14:04

Tgt Ion: 128 Resp: 655906
 Ion Ratio Lower Upper
 128 100
 64 46.2 42.3 63.5
 130 31.7 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: 43.728 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. -0.01 min

Lab File: BN005564.D

Acq: 09 May 2019 14:04

Instrument :

BNA_N

ClientSampleId :

A5146MSD

Tot Ion: 70 Resp: 557796

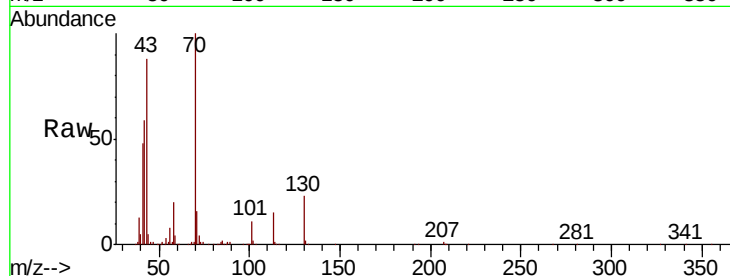
Ion	Ratio	Lower	Upper
70	100		
42	58.7	53.8	80.8
101	11.1	7.7	11.5
130	22.6	15.0	22.4

70 100

42 58.7 53.8 80.8

101 11.1 7.7 11.5

130 22.6 15.0 22.4



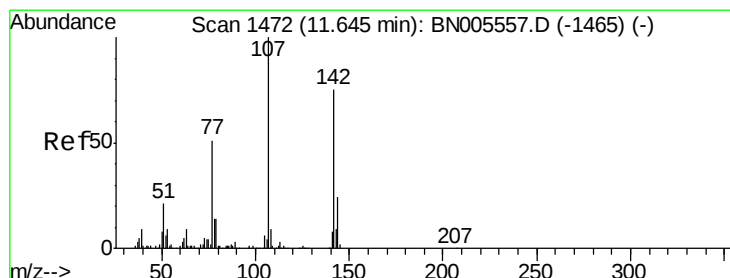
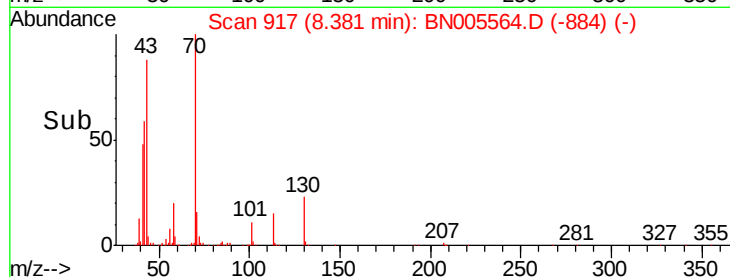
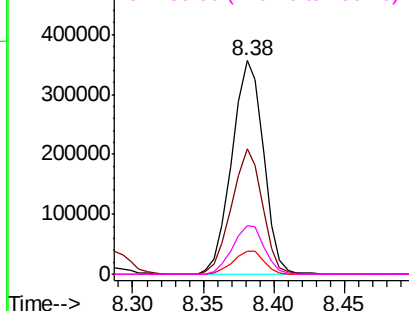
Abundance

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: 46.916 ng/ul

RT: 11.64 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BN005564.D

Acq: 09 May 2019 14:04

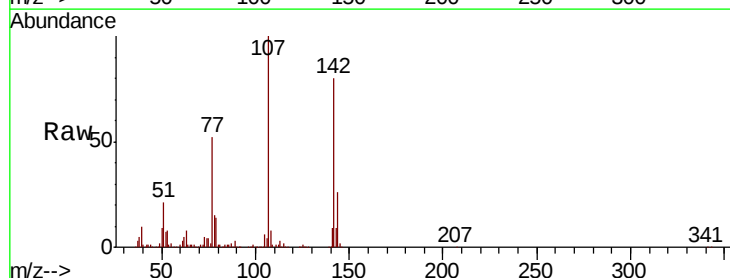
Tgt Ion: 107 Resp: 787826

Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.4	29.0
142	80.2	57.7	86.5

107 100

144 25.8 19.4 29.0

142 80.2 57.7 86.5

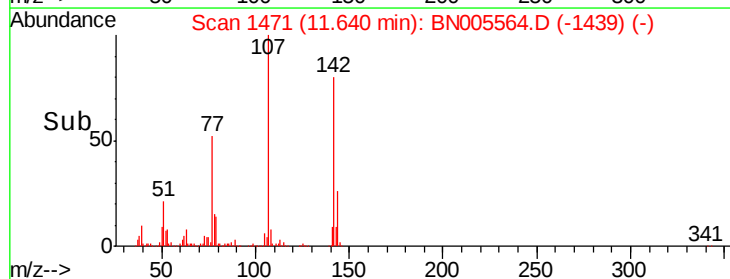
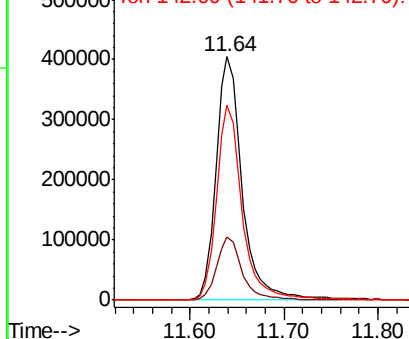


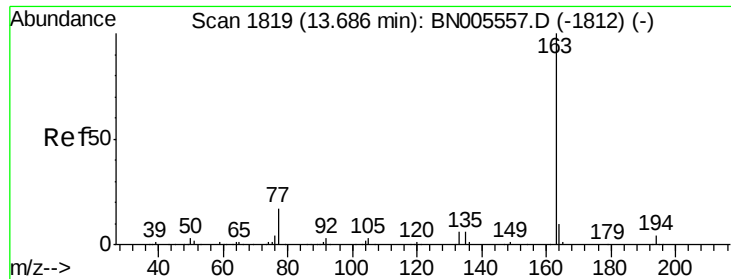
Abundance

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





#44

Dimethylphthalate

Concen: 14.225 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BN005564.D

Acq: 09 May 2019 14:04

Instrument :

BNA_N

ClientSampleId :

A5146MSD

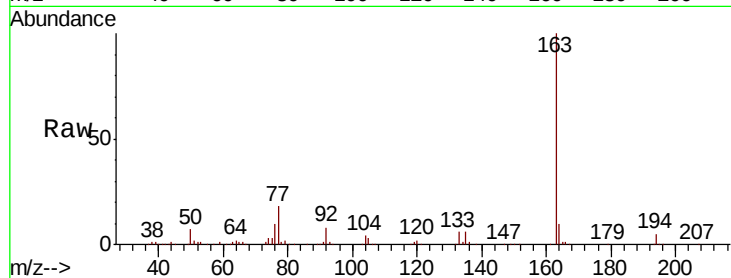
Tot Ion:163 Resp: 694014

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

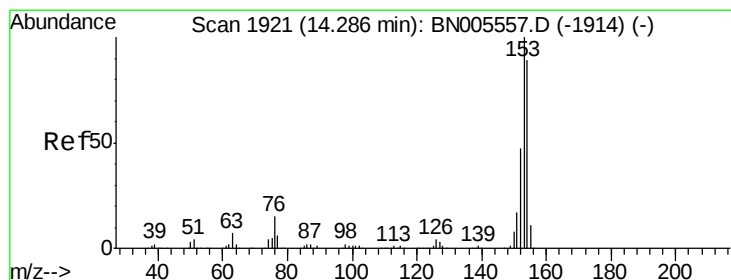
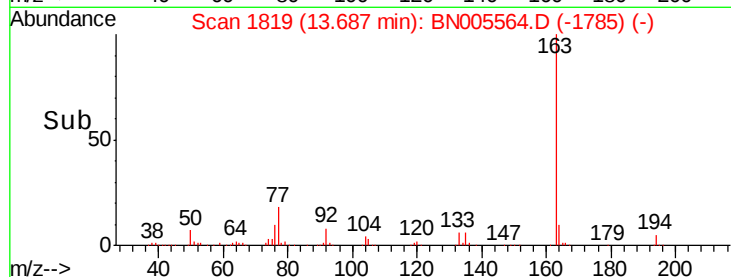
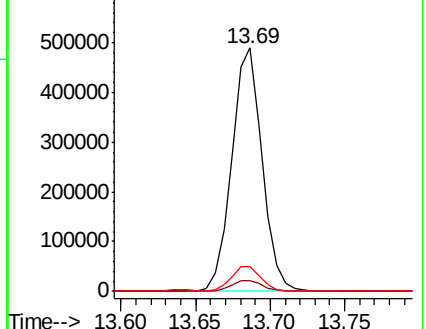
164 10.1 8.1 12.1



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: 47.036 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BN005564.D

Acq: 09 May 2019 14:04

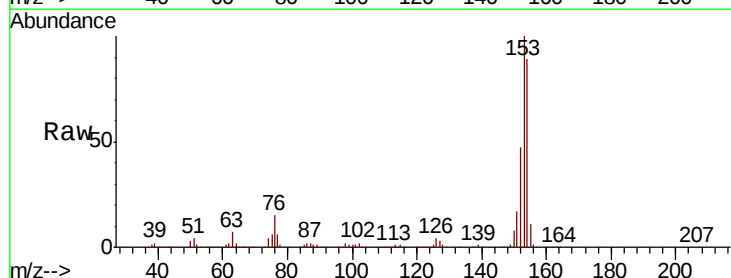
Tgt Ion:153 Resp: 1897803

Ion Ratio Lower Upper

153 100

152 47.3 37.4 56.0

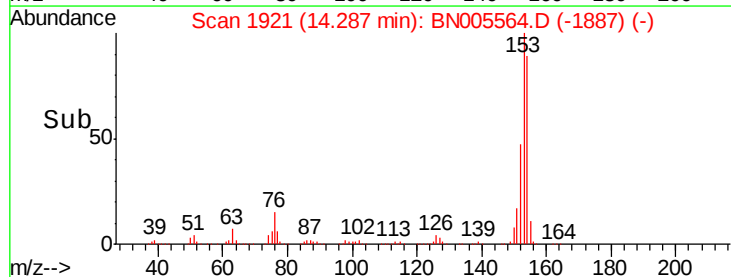
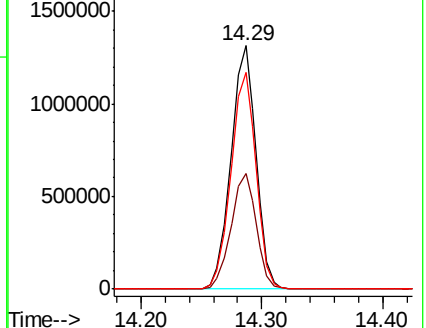
154 89.1 71.2 106.8

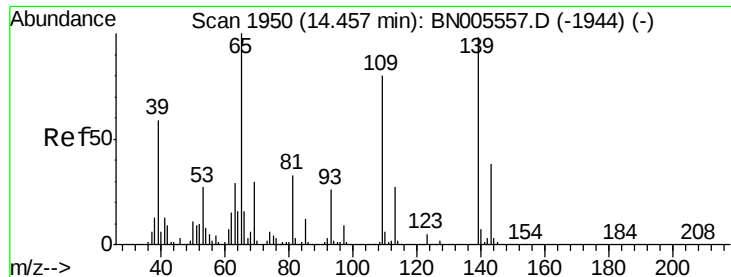


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 44.702 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BN005564.D

Acq: 09 May 2019 14:04

Instrument :

BNA_N

ClientSampleId :

A5146MSD

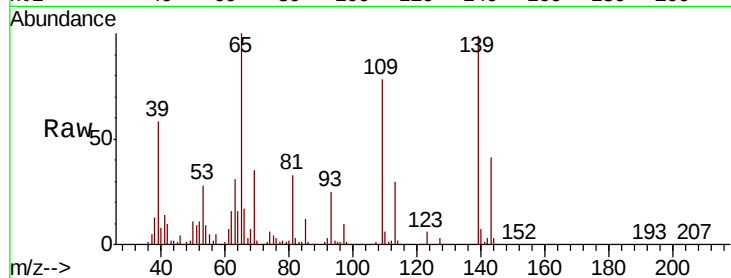
Tot Ion:109 Resp: 313712

Ion Ratio Lower Upper

109 100

139 126.3 92.3 138.5

65 127.5 97.5 146.3

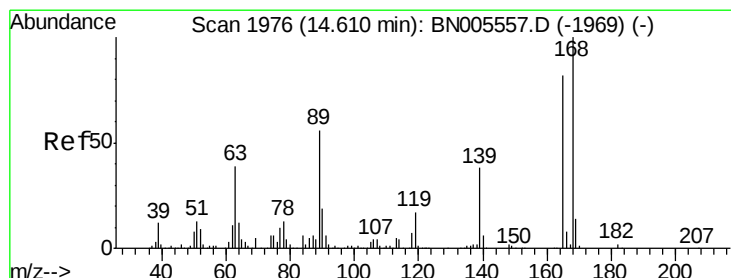
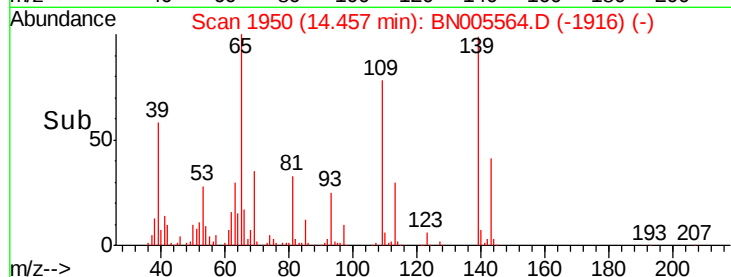
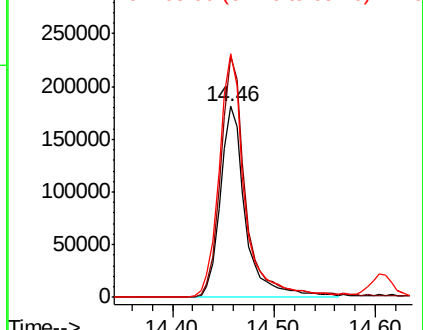


Abundance

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: 58.348 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN005564.D

Acq: 09 May 2019 14:04

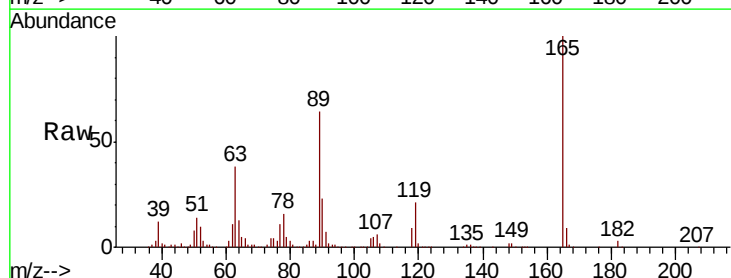
Tgt Ion:165 Resp: 708612

Ion Ratio Lower Upper

165 100

63 38.3 38.9 58.3#

182 3.0 2.6 3.8

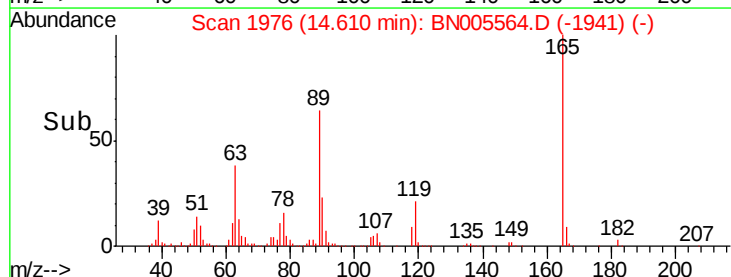
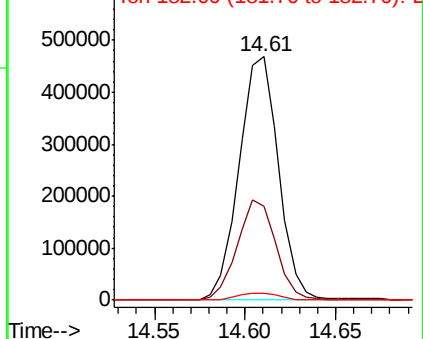


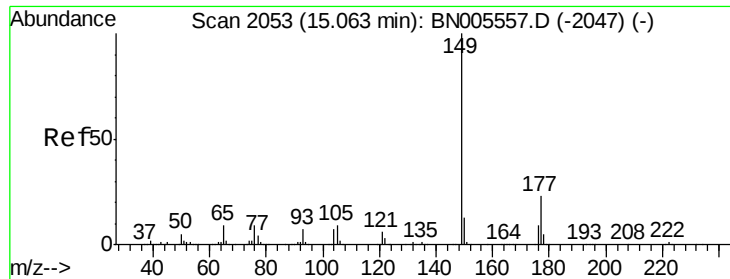
Abundance

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

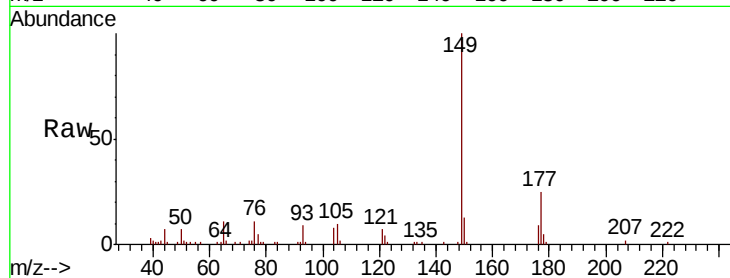




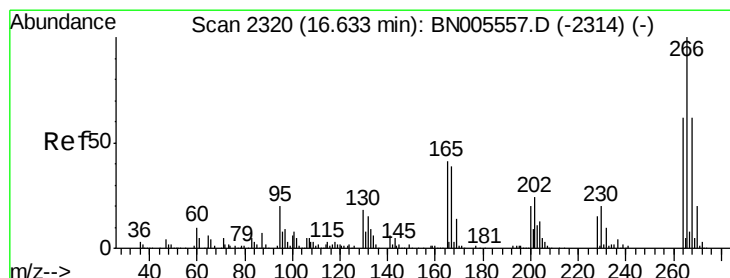
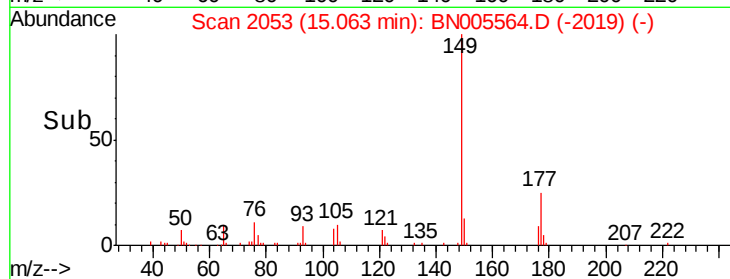
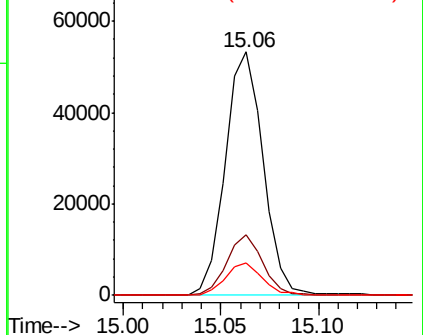
#56
Diethylphthalate
Concen: 1.469 ng/ul
RT: 15.06 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BN005564.D
Acq: 09 May 2019 14:04

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:149 Resp: 71855
Ion Ratio Lower Upper
149 100
177 24.8 17.7 26.5
150 13.1 10.0 15.0

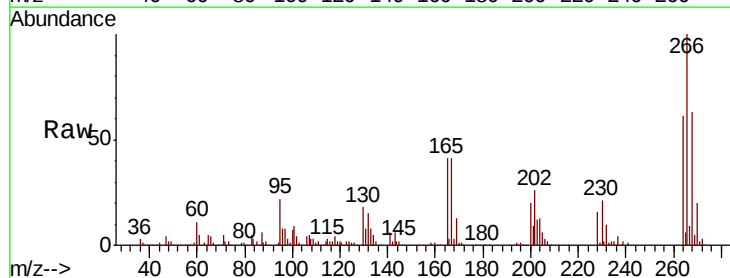


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

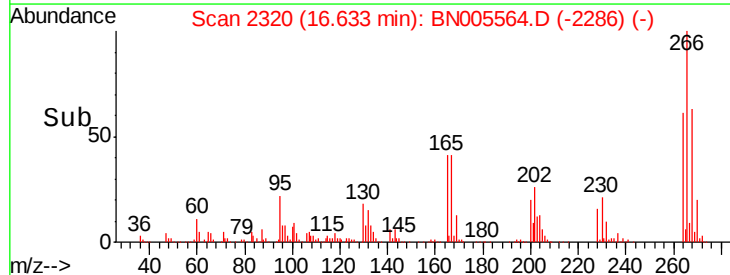
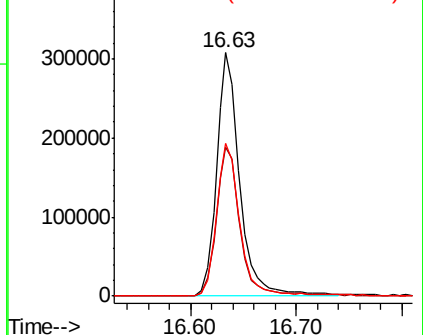


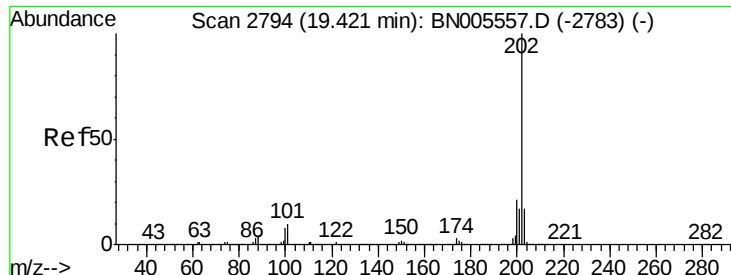
#68
Pentachlorophenol
Concen: 48.072 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BN005564.D
Acq: 09 May 2019 14:04

Tgt Ion:266 Resp: 474064
Ion Ratio Lower Upper
266 100
264 60.9 49.7 74.5
268 63.0 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: 51.545 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005564.D

Acq: 09 May 2019 14:04

Instrument :

BNA_N

ClientSampleId :

A5146MSD

Tot Ion:202 Resp: 4262241

Ion Ratio Lower Upper

202 100

101 9.9 10.3 15.5#

100 7.9 7.9 11.9#

