

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002382.D
 Acq On : 17 Aug 2018 17:14
 Operator : JU/SJ
 Sample : J4424-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 18 03:23:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 18 03:20:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	192029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	877784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	519112	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1182302	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1171754	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1031486	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	5813	1.43	ng/uL	0.00
5) Phenol-d5	6.86	99	128560	7.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	94338	8.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	111813	8.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	127900	9.09	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	58654	8.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	59870	8.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	109789	8.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	219127	15.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	388340	9.02	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	523610	9.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	35661	4.38	ng/ul	0.00
57) Fluorene-d10	15.30	176	375925	10.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	31047	4.12	ng/ul	0.00
70) Anthracene-d10	17.16	188	590117	10.45	ng/ul	0.00
78) Pyrene-d10	19.46	212	649391	11.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	538904	9.99	ng/ul	0.01

Target Compounds

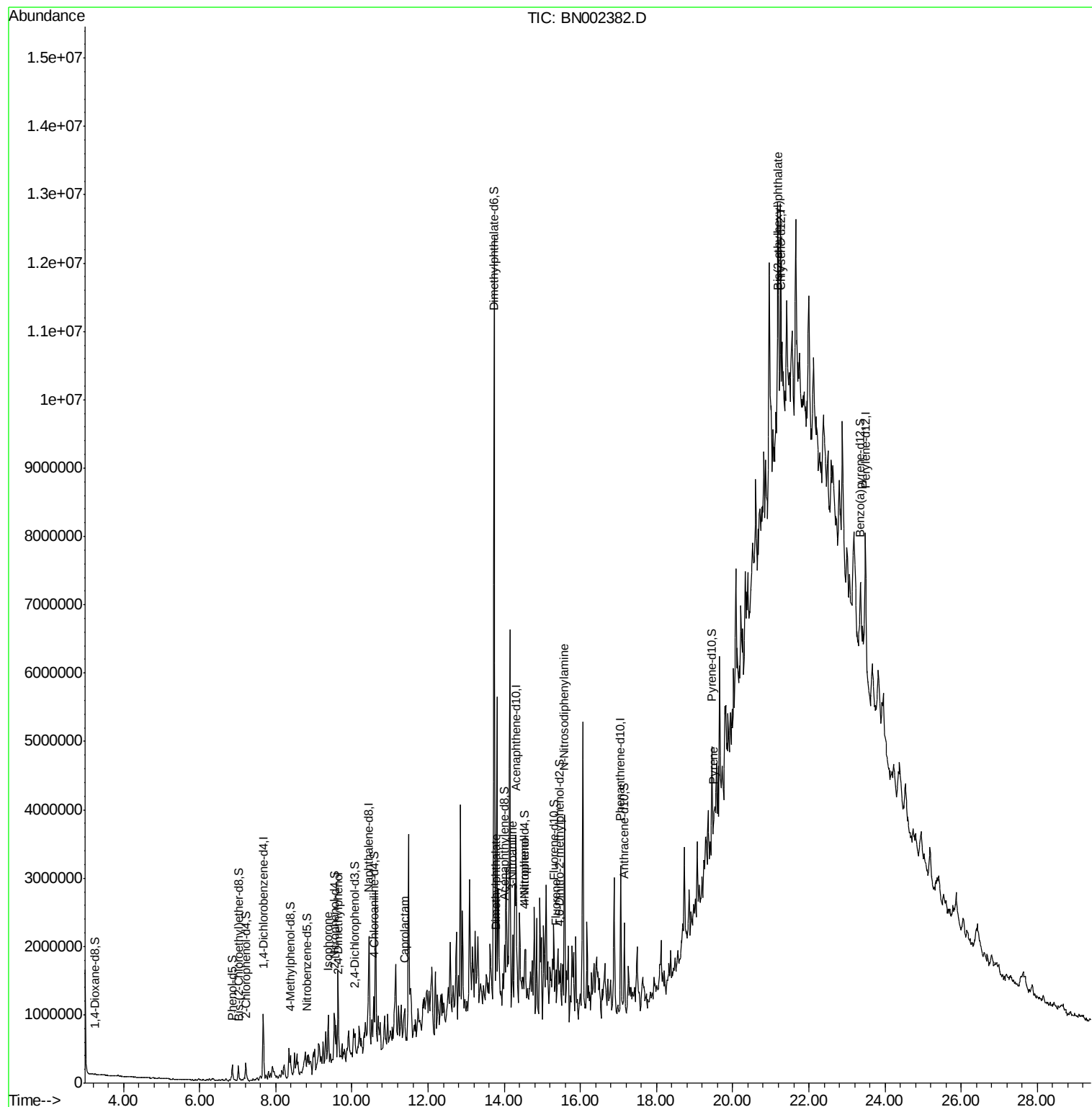
					Ovalue	
21) Isophorone	9.37	82	69597	2.159	ng/ul#	1
24) 2,4-Dimethylphenol	9.66	107	84571	5.340	ng/ul#	36
32) Caprolactam	11.38	113	6185	1.259	ng/ul#	1
44) Dimethylphthalate	13.77	163	82387	1.952	ng/ul#	91
48) 3-Nitroaniline	14.22	138	41181	5.076	ng/ul#	14
52) 4-Nitrophenol	14.53	109	9379	1.521	ng/ul#	15
58) Fluorene	15.36	166	51157	1.250	ng/ul#	77
64) N-Nitrosodiphenylamine	15.57	169	326627	9.454	ng/ul#	38
79) Pyrene	19.49	202	78755	1.115	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.18	149	992339	22.100	ng/ul	97

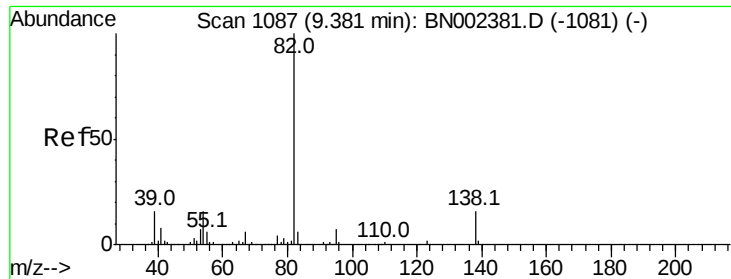
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 18 03:20:23 2018
Response via : Initial Calibration





#21

Isophorone

Concen: 2.159 ng/ul

RT: 9.37 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

Instrument :

BNA_N

ClientSampleId :

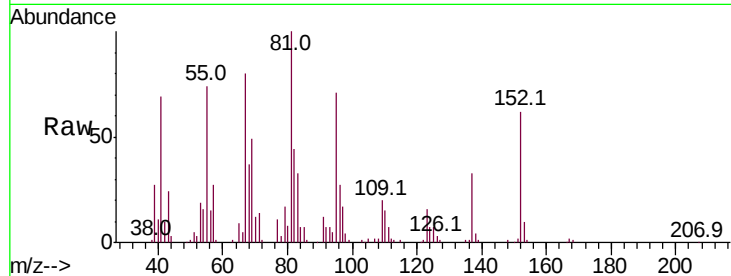
Tot Ion: 82 Resp: 69597

Ion Ratio Lower Upper

82 100

95 160.5 6.4 9.6#

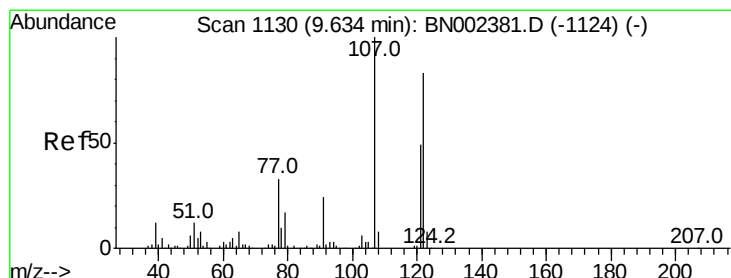
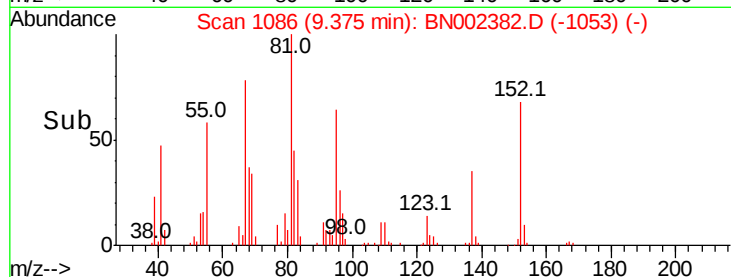
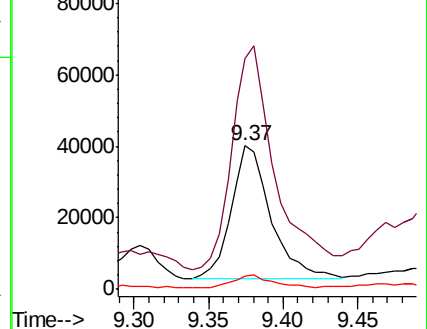
138 9.6 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BN002381.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BN002381.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BN002381.D (-1081) (-)



#24

2,4-Dimethylphenol

Concen: 5.340 ng/ul

RT: 9.66 min Scan# 1134

Delta R.T. 0.02 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

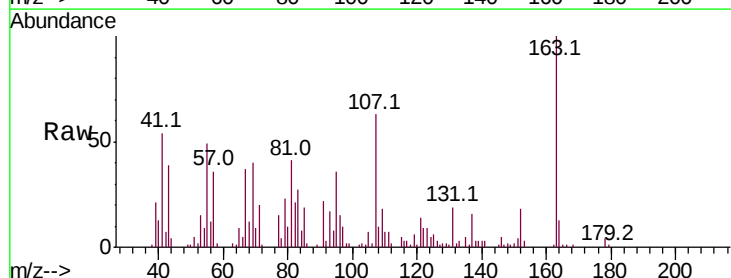
Tgt Ion:107 Resp: 84571

Ion Ratio Lower Upper

107 100

121 22.3 40.6 61.0#

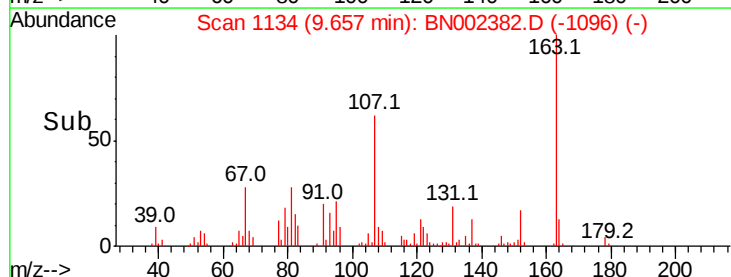
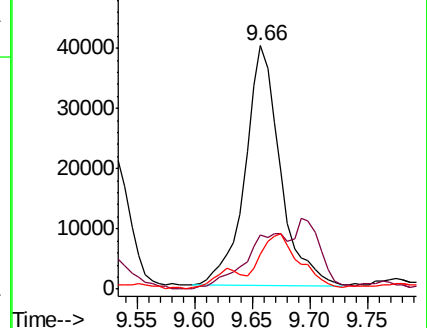
122 14.2 67.8 101.6#

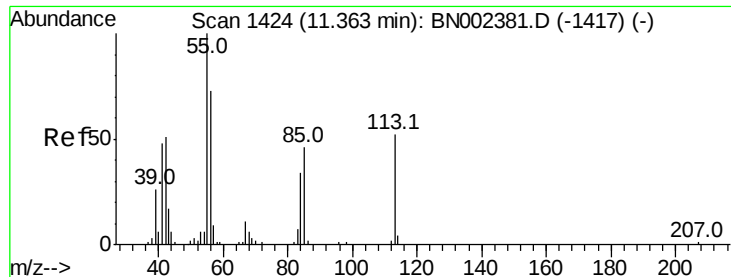


Abundance Ion 107.00 (106.70 to 107.70): BN002381.D (-1124) (-)

Ion 121.00 (120.70 to 121.70): BN002381.D (-1124) (-)

Ion 122.00 (121.70 to 122.70): BN002381.D (-1124) (-)





#32

Caprolactam

Concen: 1.259 ng/ul

RT: 11.38 min Scan# 1427

Delta R.T. 0.02 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

Instrument :

BNA_N

ClientSampled :

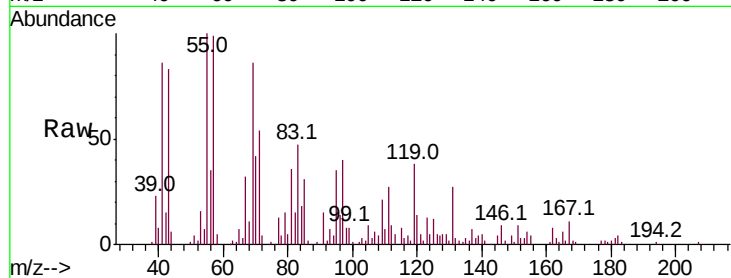
Tot Ion:113 Resp: 6185

Ion Ratio Lower Upper

113 100

55 2012.2 101.9 152.9#

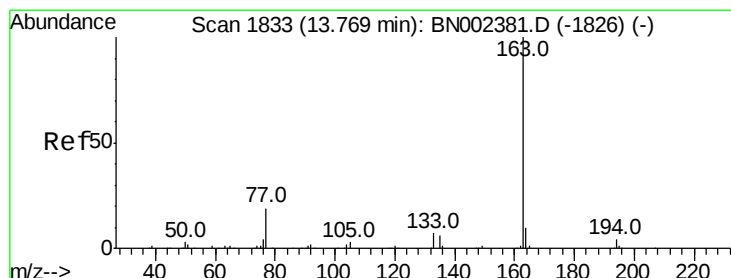
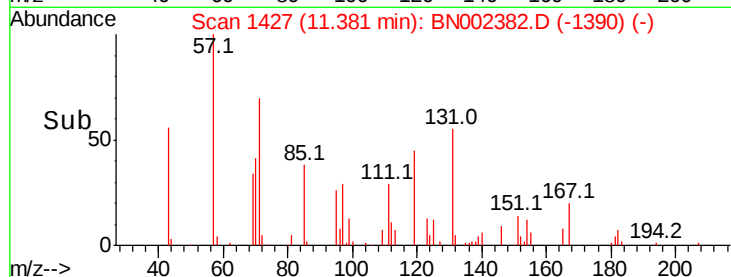
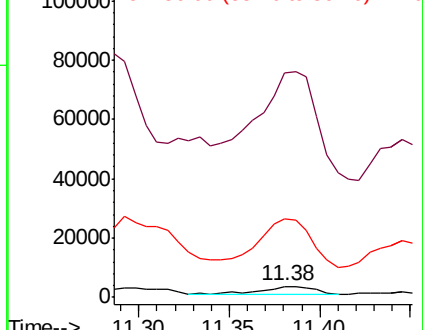
56 701.1 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#44

Dimethylphthalate

Concen: 1.952 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

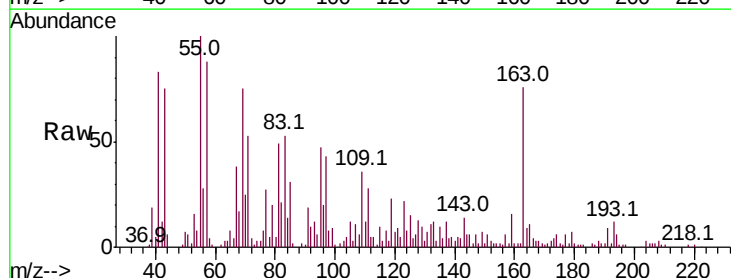
Tgt Ion:163 Resp: 82387

Ion Ratio Lower Upper

163 100

194 8.4 3.2 4.8#

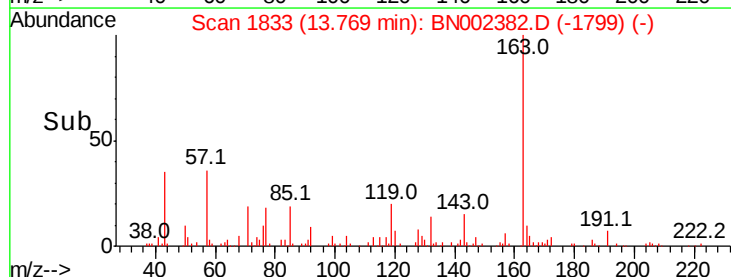
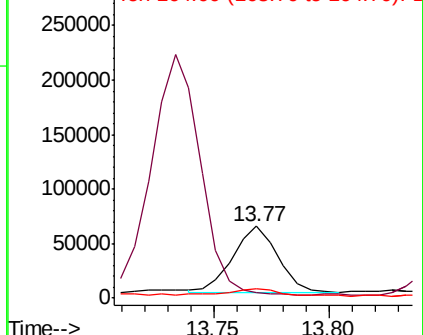
164 12.5 7.8 11.8#

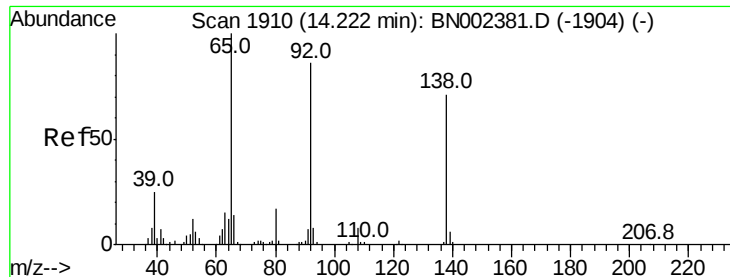


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

3-Nitroaniline

Concen: 5.076 ng/ul

RT: 14.22 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

Instrument :

BNA_N

ClientSampleId :

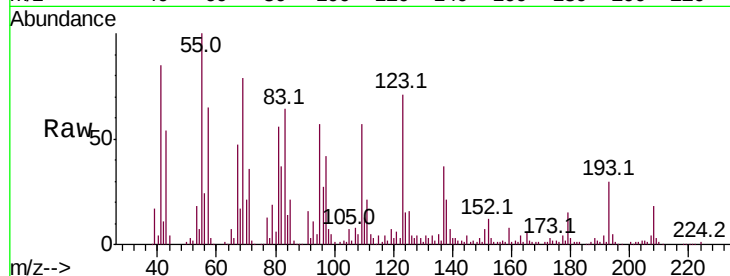
Tot Ion:138 Resp: 41181

Ion Ratio Lower Upper

138 100

108 23.9 8.7 13.1#

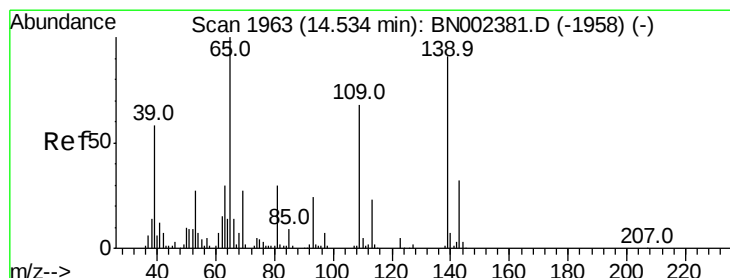
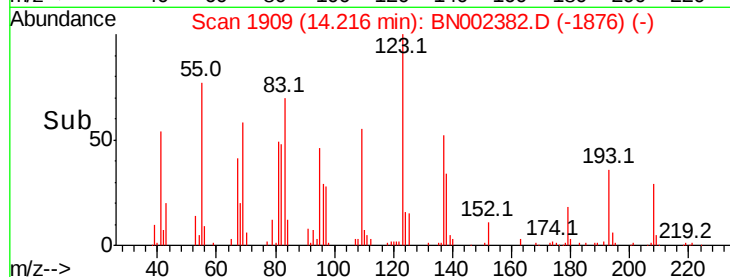
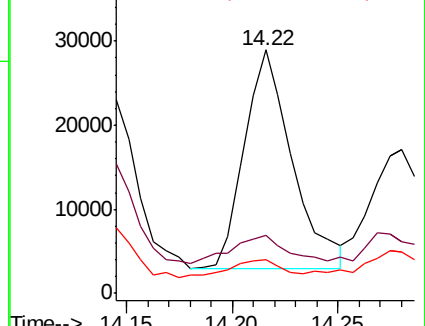
92 14.1 88.2 132.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC



#52

4-Nitrophenol

Concen: 1.521 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

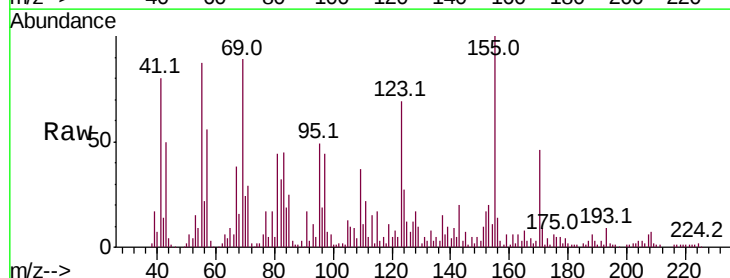
Tgt Ion:109 Resp: 9379

Ion Ratio Lower Upper

109 100

139 26.8 103.7 155.5#

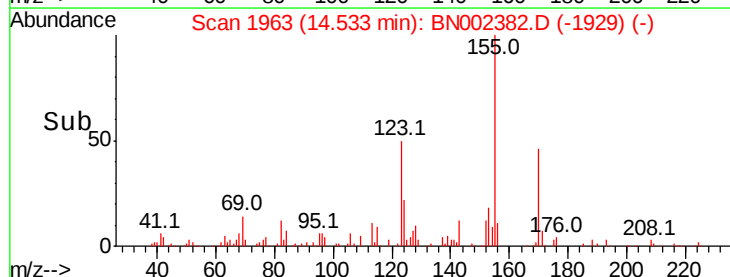
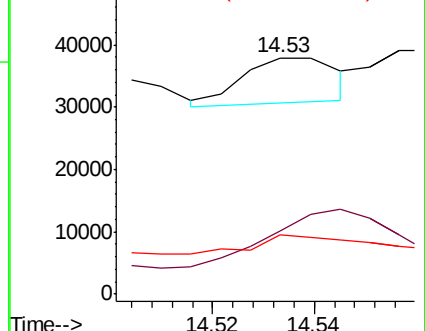
65 25.0 89.4 134.2#

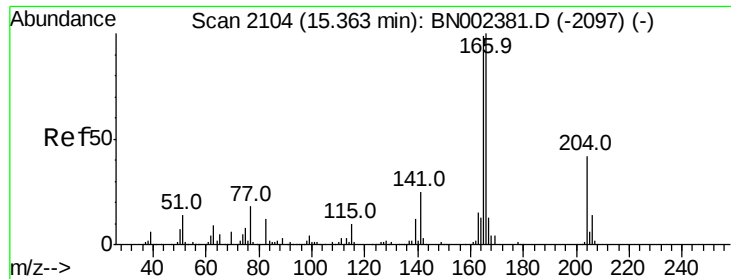


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

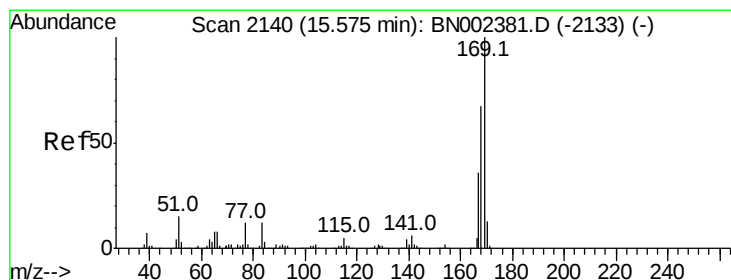
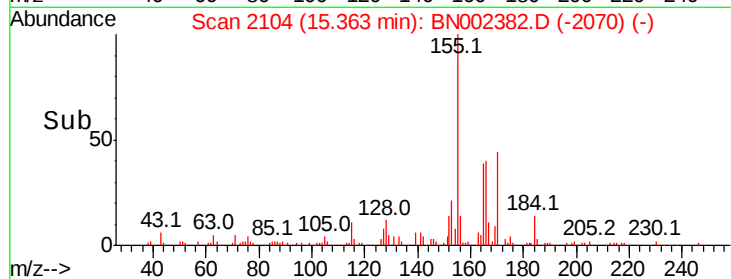
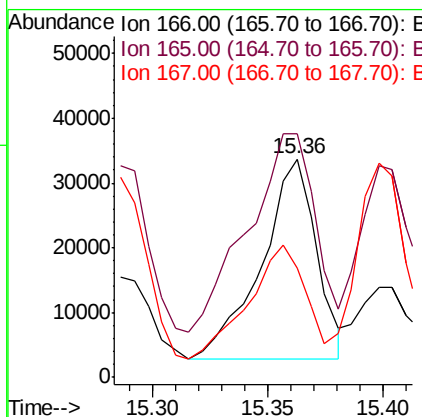
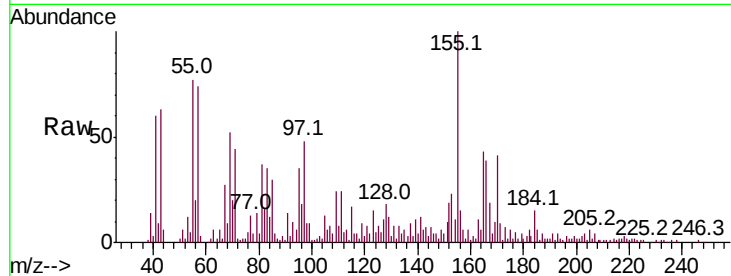




#58
 Fluorene
 Concen: 1.250 ng/ul
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BN002382.D
 Acq: 17 Aug 2018 17:14

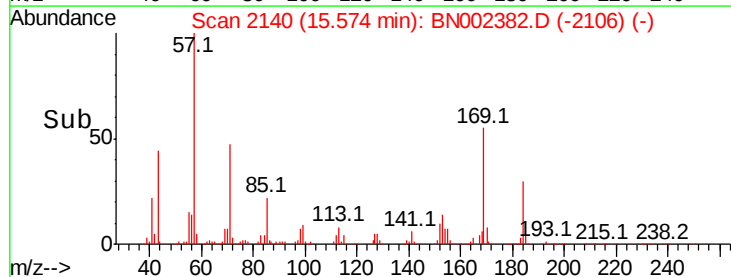
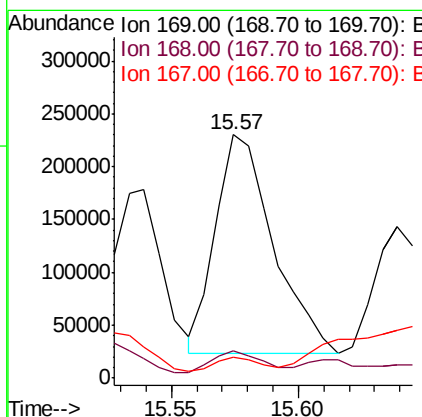
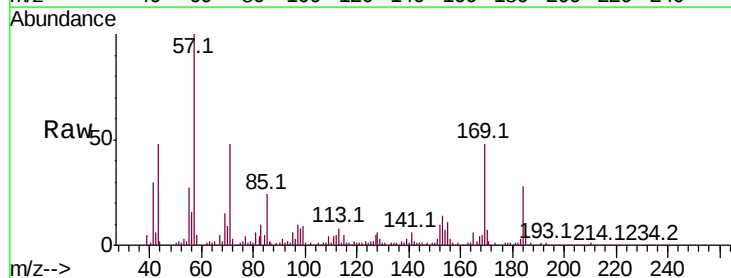
Instrument :
 BNA_N
 ClientSampled :

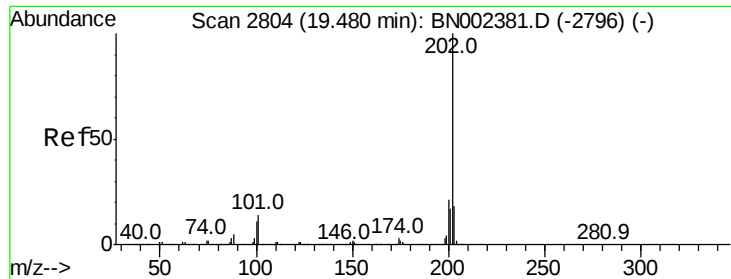
Tot Ion:166 Resp: 51157
 Ion Ratio Lower Upper
 166 100
 165 111.6 78.5 117.7
 167 50.1 10.7 16.1#



#64
 N-Nitrosodiphenylamine
 Concen: 9.454 ng/ul
 RT: 15.57 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BN002382.D
 Acq: 17 Aug 2018 17:14

Tgt Ion:169 Resp: 326627
 Ion Ratio Lower Upper
 169 100
 168 11.3 53.8 80.8#
 167 8.8 29.3 43.9#





#79

Pvrene

Concen: 1.115 ng/ul

RT: 19.49 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

Instrument :

BNA_N

ClientSampled :

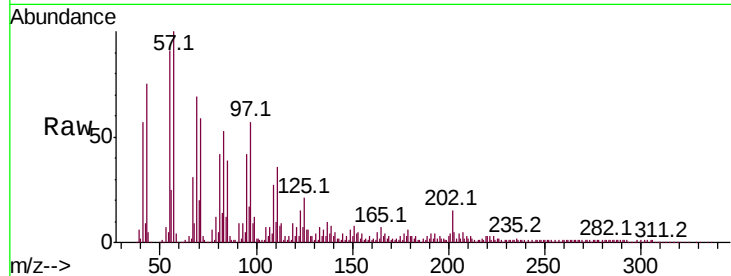
Tot Ion:202 Resp: 78755

Ion Ratio Lower Upper

202 100

101 15.9 10.2 15.2#

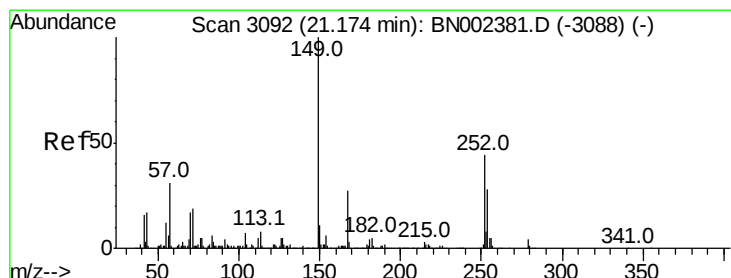
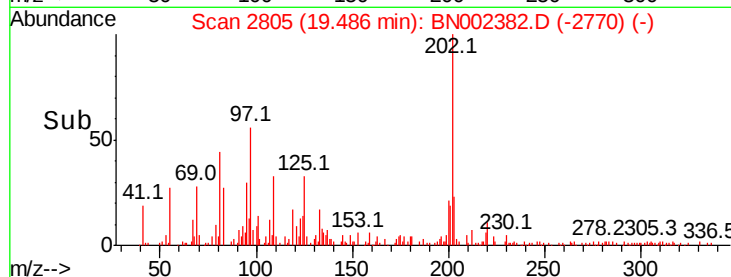
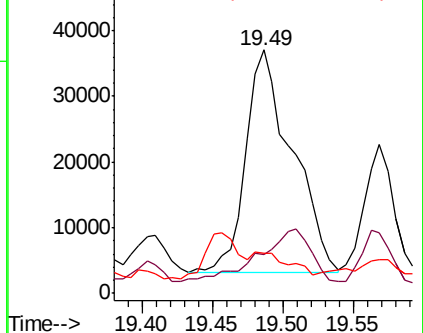
100 16.4 8.5 12.7#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.100 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BN002382.D

Acq: 17 Aug 2018 17:14

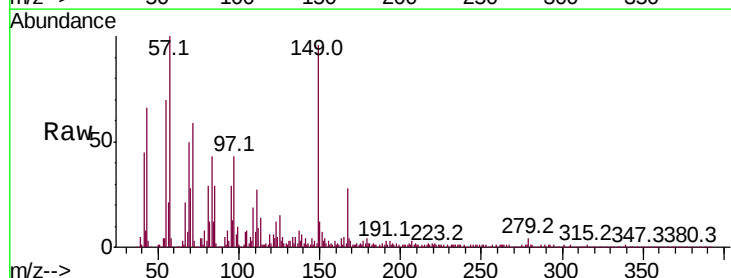
Tgt Ion:149 Resp: 992339

Ion Ratio Lower Upper

149 100

167 28.8 21.6 32.4

279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

