

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002384.D
 Acq On : 17 Aug 2018 18:26
 Operator : JU/SJ
 Sample : J4424-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 18 03:23:33 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	7.68	152	184870	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	912884	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	572693	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1339345	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1419235	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1498436	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	15396	3.93	ng/uL	0.00
5) Phenol-d5	6.86	99	383330	22.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	256337	24.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	309226	23.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	328217	24.22	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	177601	24.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	194494	25.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	327205	23.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	507397	33.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1245905	26.24	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1506595	25.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	163324	18.20	ng/ul	0.00
57) Fluorene-d10	15.30	176	1046451	25.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	149896	17.58	ng/ul	0.00
70) Anthracene-d10	17.16	188	1648489	25.76	ng/ul	0.00
78) Pyrene-d10	19.46	212	1877670	27.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1939448	24.75	ng/ul	0.00

Target Compounds

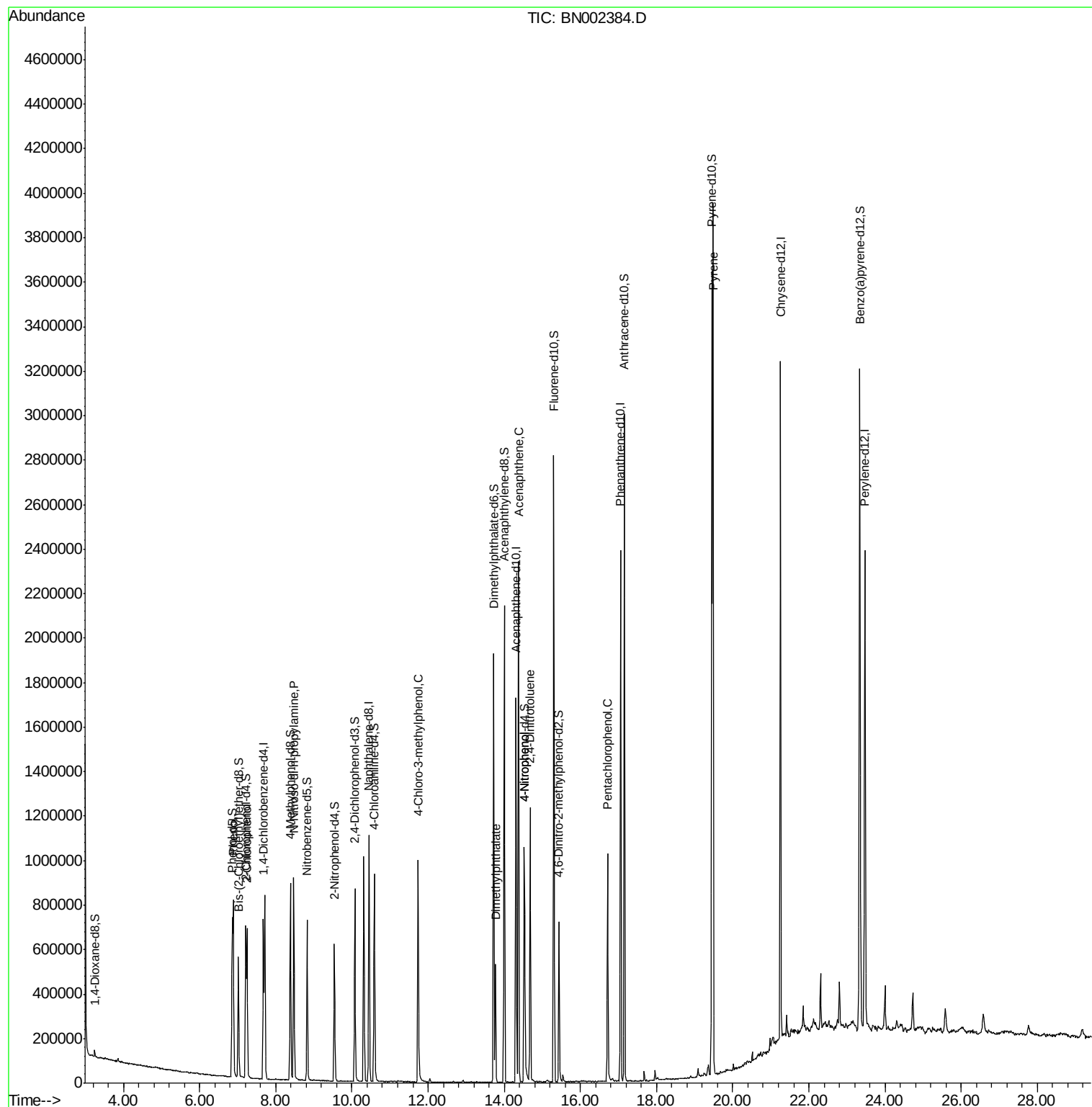
					Ovalue	
6) Phenol	6.88	94	407799	23.623	ng/ul	96
10) 2-Chlorophenol	7.25	128	291107	22.395	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.48	70	311684	27.265	ng/ul#	85
33) 4-Chloro-3-methylphenol	11.74	107	380113	24.295	ng/ul	99
44) Dimethylphthalate	13.77	163	331218	7.114	ng/ul	100
49) Acenaphthene	14.37	153	948641	24.253	ng/ul	98
52) 4-Nitrophenol	14.53	109	130938	19.251	ng/ul#	78
54) 2,4-Dinitrotoluene	14.69	165	350833	24.735	ng/ul	90
68) Pentachlorophenol	16.71	266	186422	21.840	ng/ul	96
79) Pyrene	19.49	202	2278820	26.629	ng/ul	99

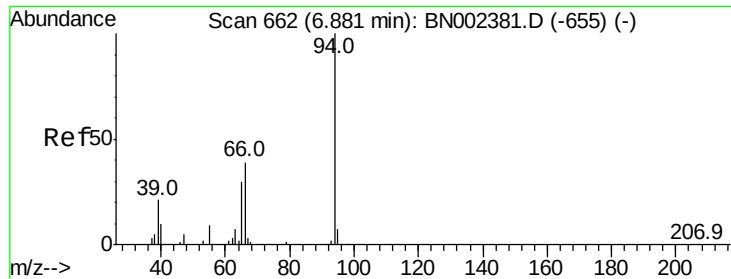
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 23.623 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

Instrument :

BNA_N

ClientSampleId :

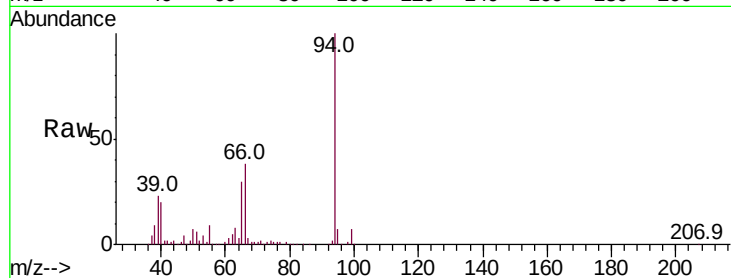
Tot Ion: 94 Resp: 407799

Ion Ratio Lower Upper

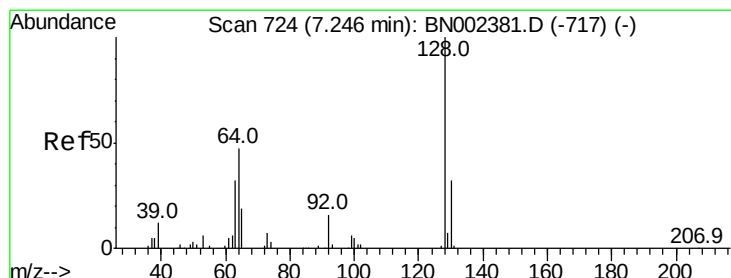
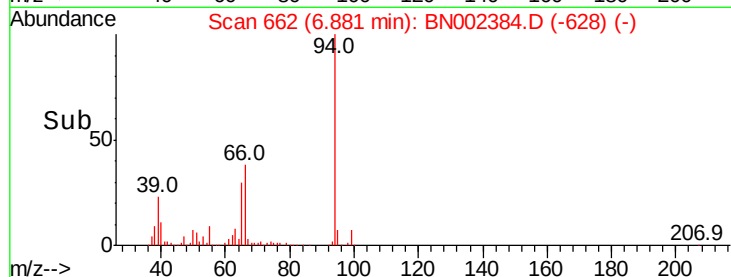
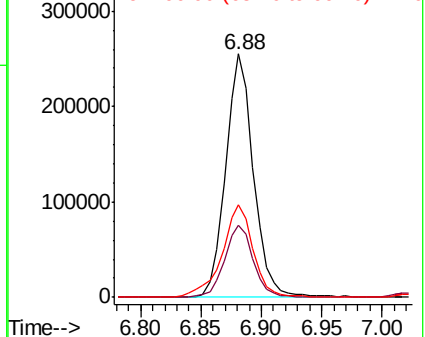
94 100

65 29.8 21.0 31.6

66 37.8 29.3 43.9



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: 22.395 ng/ul

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

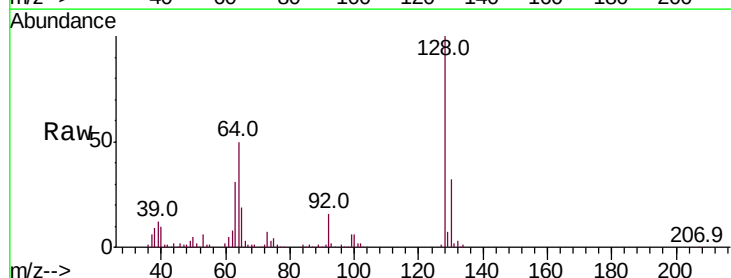
Tgt Ion:128 Resp: 291107

Ion Ratio Lower Upper

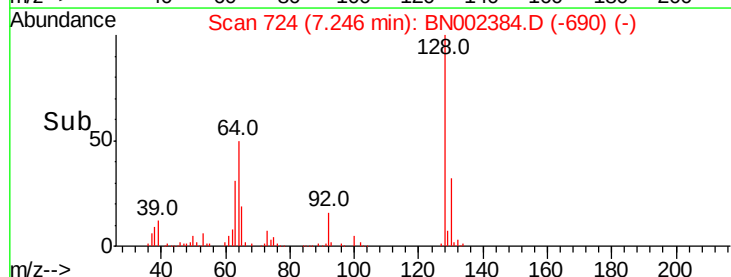
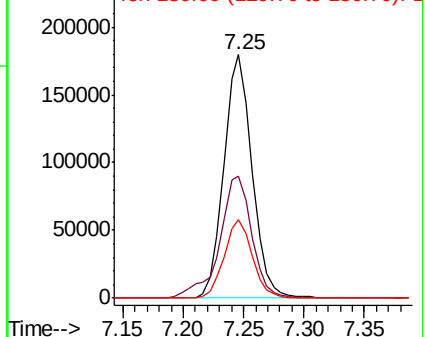
128 100

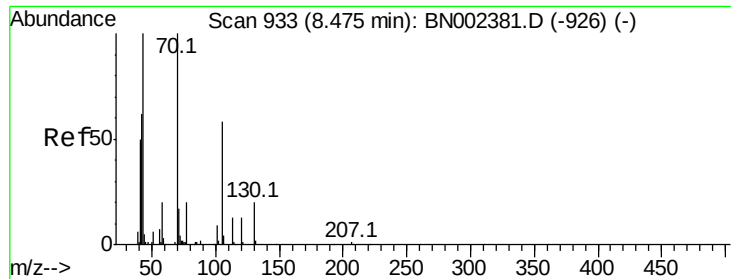
64 50.2 31.9 47.9#

130 32.2 25.6 38.4



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: 27.265 ng/ul

RT: 8.48 min Scan# 933

Delta R.T. 0.00 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

Instrument :

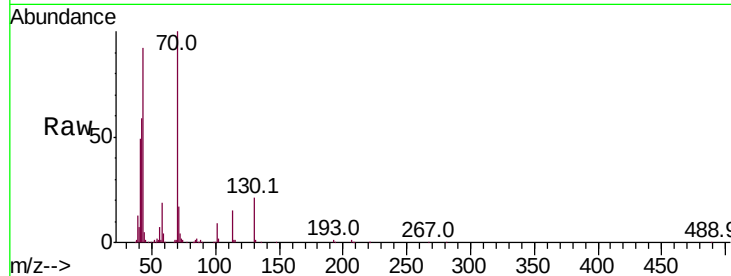
BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 311684

Ion Ratio Lower Upper

70	100		
42	59.5	35.4	53.0#
101	9.1	8.4	12.6
130	20.7	18.2	27.4

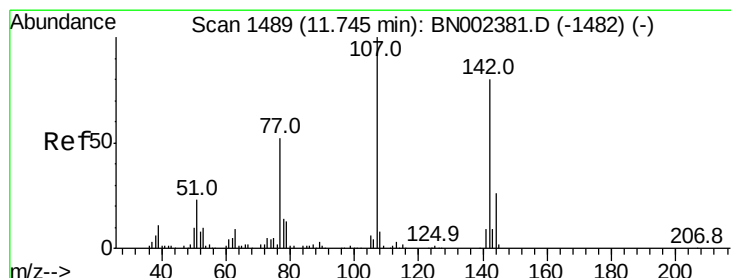
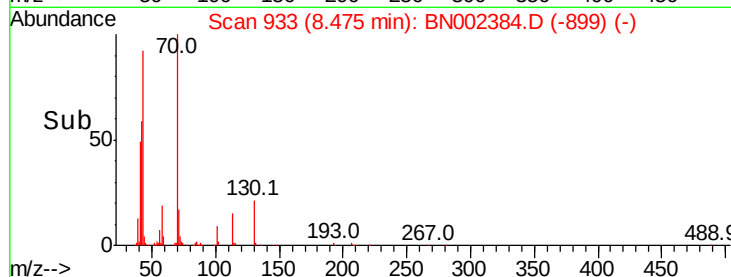
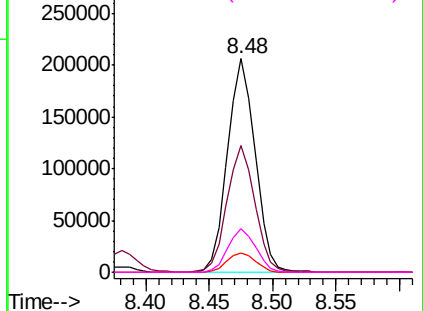


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 24.295 ng/ul

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

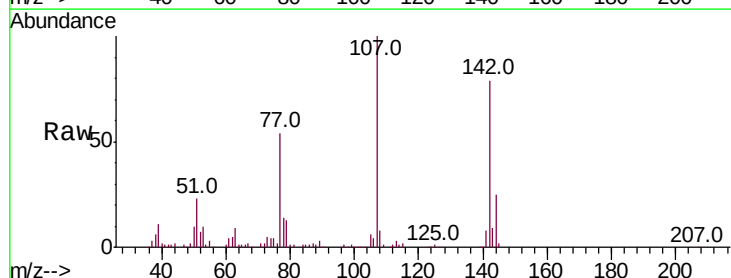
Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

Tgt Ion: 107 Resp: 380113

Ion Ratio Lower Upper

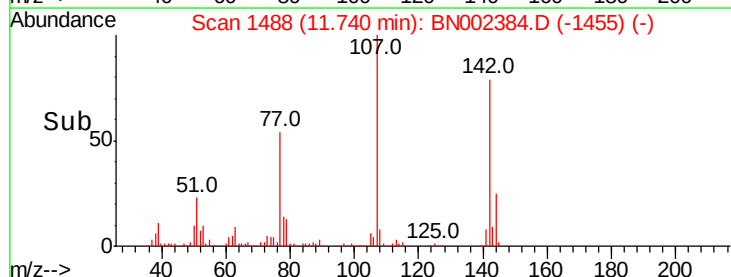
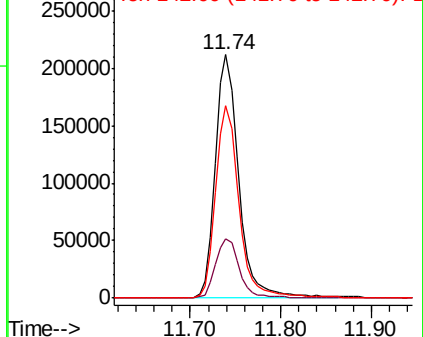
107	100		
144	24.5	20.4	30.6
142	79.2	62.5	93.7

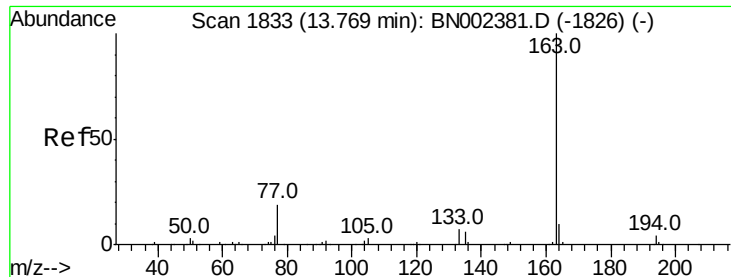


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 7.114 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

Instrument :

BNA_N

ClientSampleId :

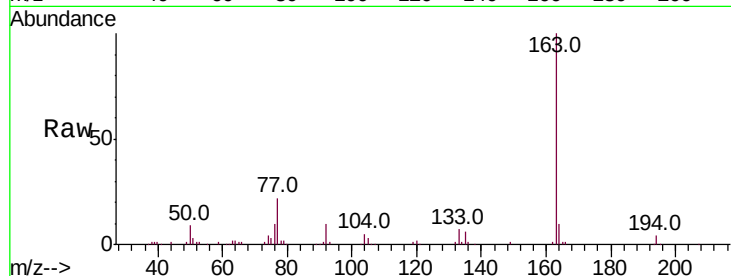
Tot Ion:163 Resp: 331218

Ion Ratio Lower Upper

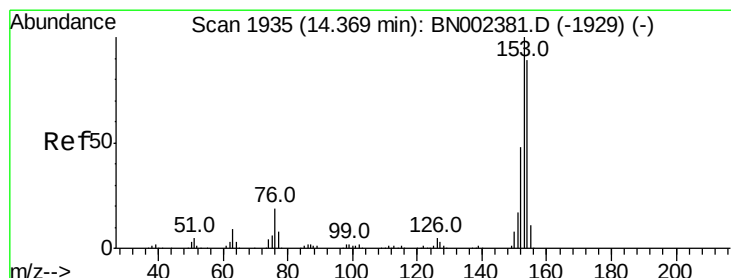
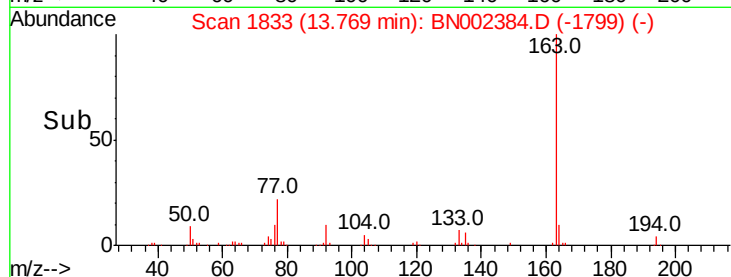
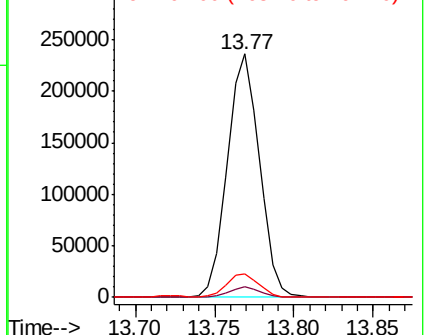
163 100

194 4.3 3.2 4.8

164 9.7 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



#49

Acenaphthene

Concen: 24.253 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

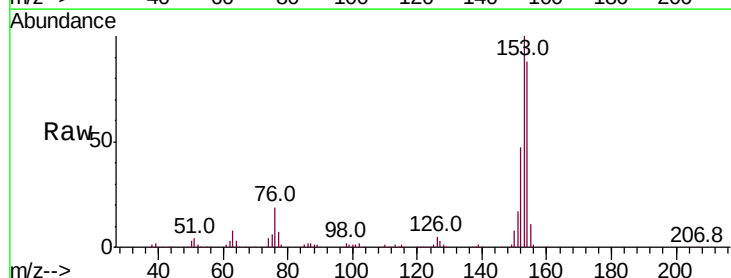
Tgt Ion:153 Resp: 948641

Ion Ratio Lower Upper

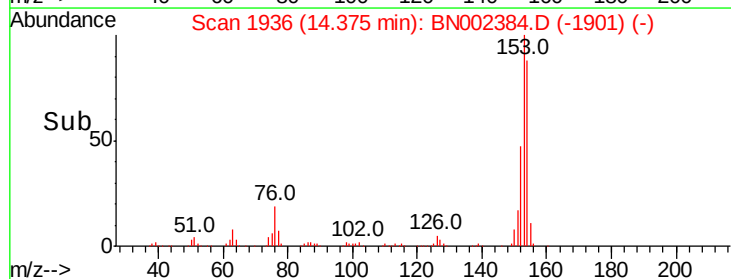
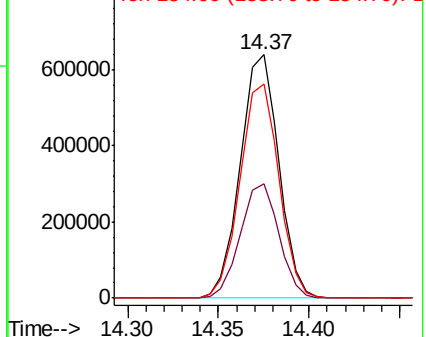
153 100

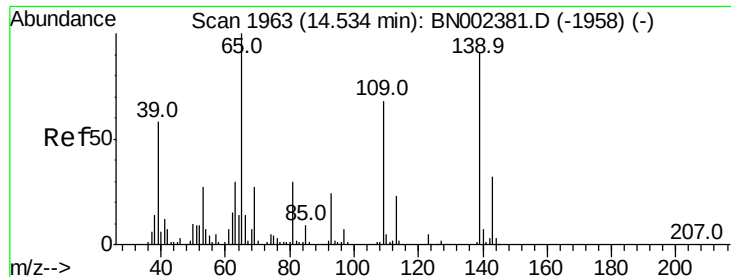
152 47.1 38.3 57.5

154 88.2 71.8 107.8



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: 19.251 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

Instrument :

BNA_N

ClientSampleId :

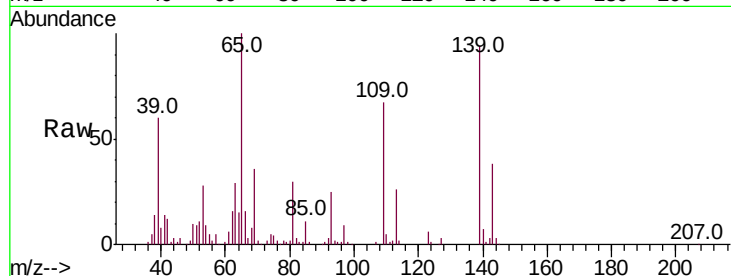
Tot Ion:109 Resp: 130938

Ion Ratio Lower Upper

109 100

139 140.7 103.7 155.5

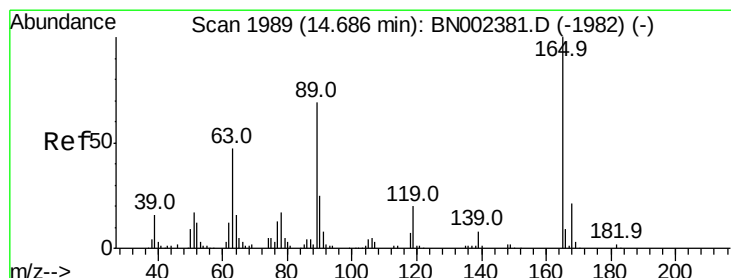
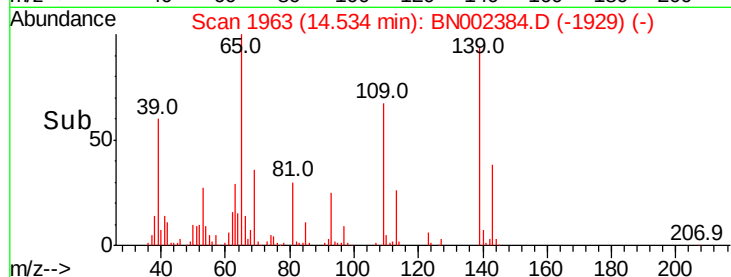
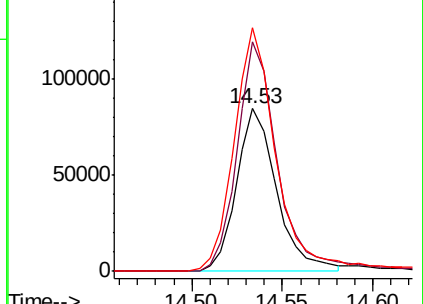
65 149.5 89.4 134.2#



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



#54

2,4-Dinitrotoluene

Concen: 24.735 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

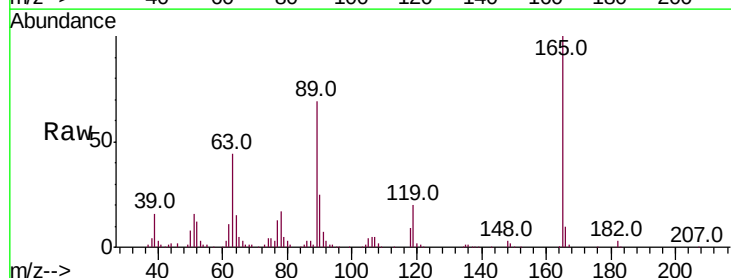
Tgt Ion:165 Resp: 350833

Ion Ratio Lower Upper

165 100

63 43.7 29.8 44.6

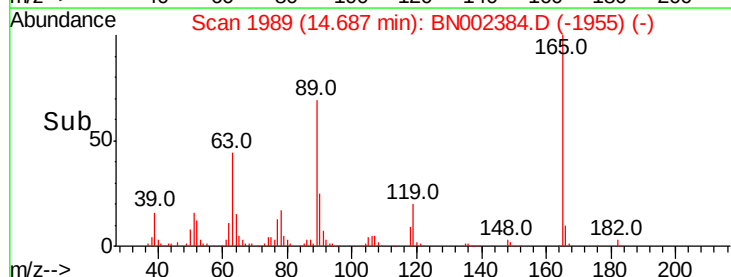
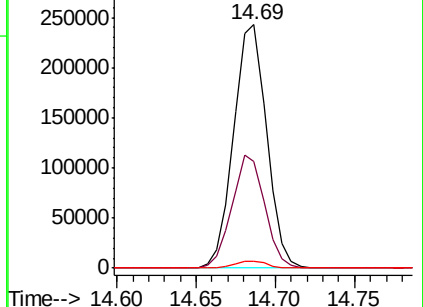
182 3.0 2.2 3.4

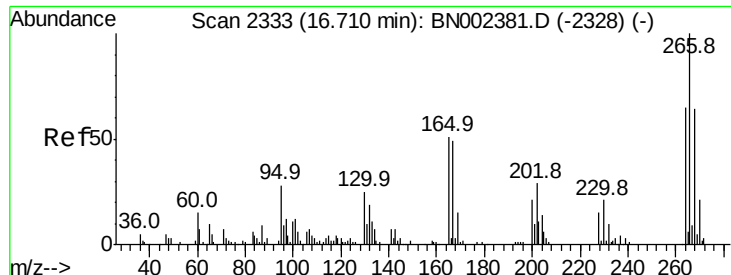


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 21.840 ng/ul

RT: 16.71 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

Instrument :

BNA_N

ClientSampleId :

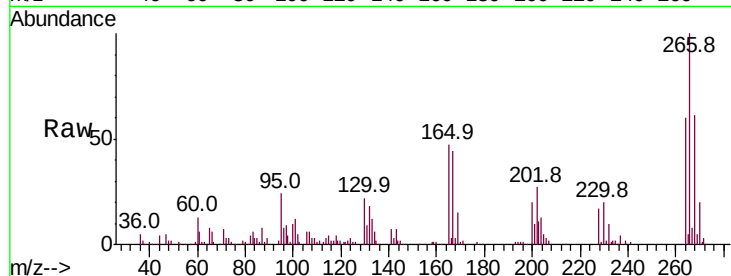
Tot Ion:266 Resp: 186422

Ion Ratio Lower Upper

266 100

264 59.9 50.5 75.7

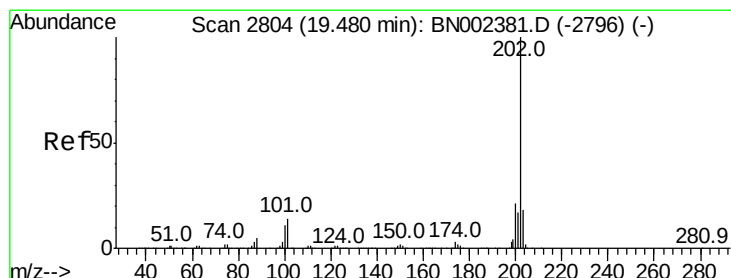
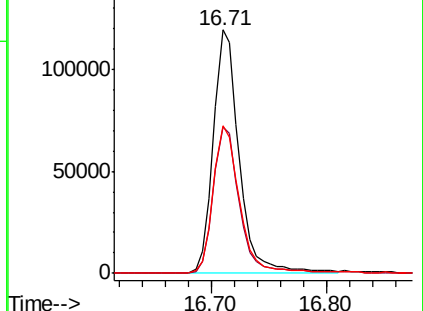
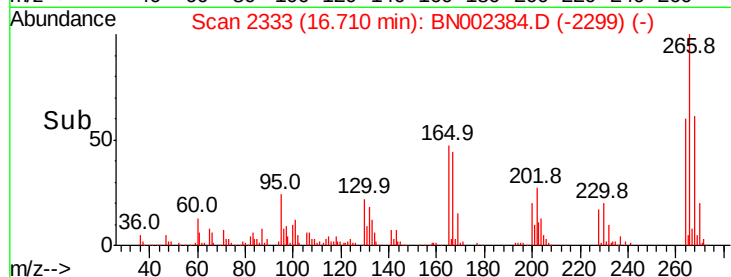
268 60.9 50.9 76.3



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: 26.629 ng/ul

RT: 19.49 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BN002384.D

Acq: 17 Aug 2018 18:26

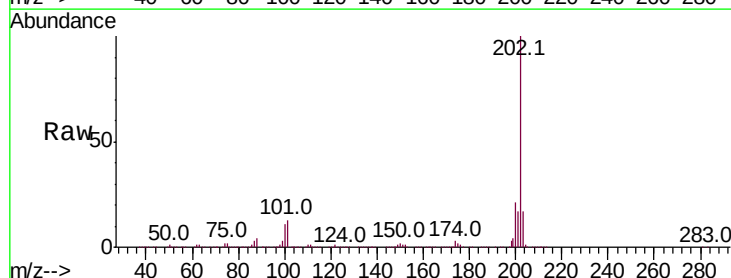
Tgt Ion:202 Resp: 2278820

Ion Ratio Lower Upper

202 100

101 13.3 10.2 15.2

100 10.9 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

