

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
 Data File : BN002761.D
 Acq On : 18 Sep 2018 20:20
 Operator : JU/SJ
 Sample : J4896-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 02:09:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 01:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	141971	20.00	ng/ul	0.04
18) Naphthalene-d8	10.45	136	595143	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.28	164	308688	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	615322	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	584257	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	629779	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	29393	9.55	ng/uL	0.00
5) Phenol-d5	6.84	99	292728	24.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	184343	24.62	ng/ul	0.01
9) 2-Chlorophenol-d4	7.20	132	246005	24.79	ng/ul	0.01
13) 4-Methylphenol-d8	8.36	113	230903	24.73	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	112426	24.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	129149	24.75	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.07	165	222965	23.68	ng/ul	0.02
29) 4-Chloroaniline-d4	10.57	131	277226	25.44	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	623221	25.79	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	750854	23.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	88998	22.28	ng/ul	0.00
57) Fluorene-d10	15.28	176	518640	24.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	88311	22.94	ng/ul	0.00
70) Anthracene-d10	17.13	188	753155	25.64	ng/ul	0.00
78) Pyrene-d10	19.43	212	768709	24.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	862521	26.02	ng/ul	0.00

Target Compounds

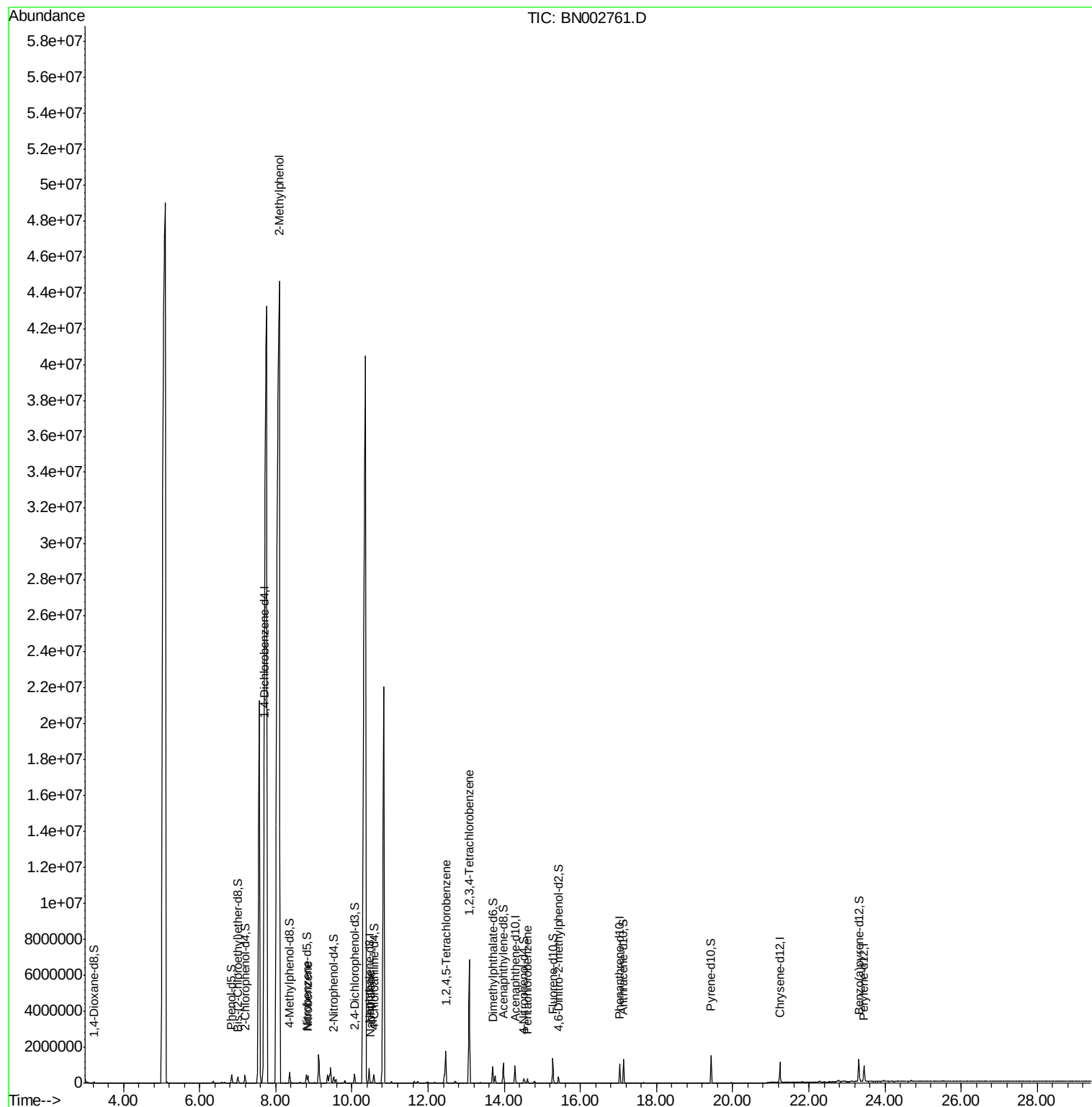
					Ovalue
11) 2-Methylphenol	8.09	108	404712	44.331	ng/ul 99
20) Nitrobenzene	8.85	77	219806	20.513	ng/ul 97
28) Naphthalene	10.49	128	55898	1.822	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	559604	54.571	ng/ul 97
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	2213615	210.578	ng/uL 99
73) Pentachlorobenzene	14.61	250	60394	6.434	ng/uL 99

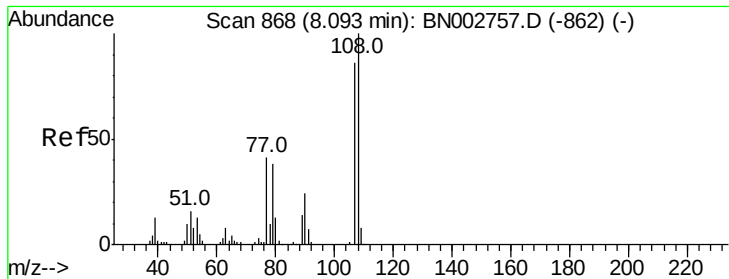
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 44.331 ng/ul

RT: 8.09 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN002761.D

Acq: 18 Sep 2018 20:20

Instrument :

BNA_N

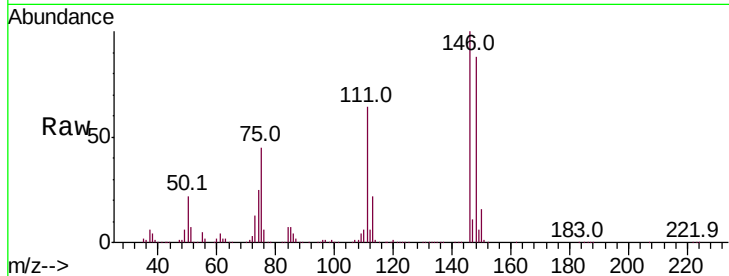
ClientSampleId :

Tot Ion:108 Resp: 404712

Ion Ratio Lower Upper

108 100

107 89.3 72.0 108.0

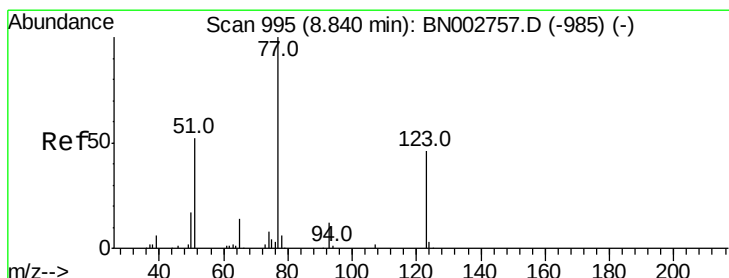
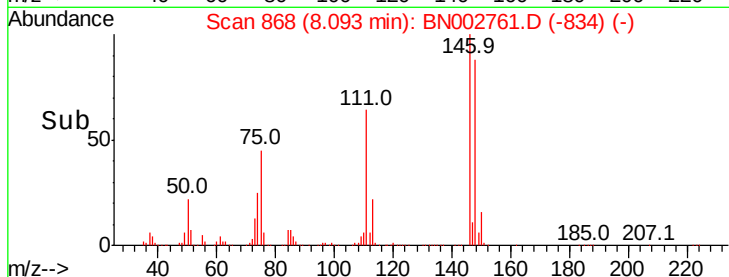


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.09

Time-->



#20

Nitrobenzene

Concen: 20.513 ng/ul

RT: 8.85 min Scan# 996

Delta R.T. 0.01 min

Lab File: BN002761.D

Acq: 18 Sep 2018 20:20

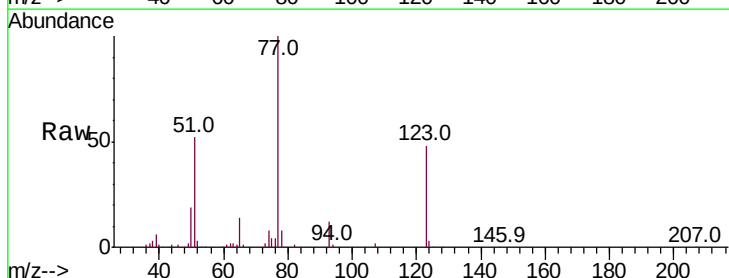
Tgt Ion: 77 Resp: 219806

Ion Ratio Lower Upper

77 100

123 47.6 35.8 53.8

65 13.8 11.1 16.7



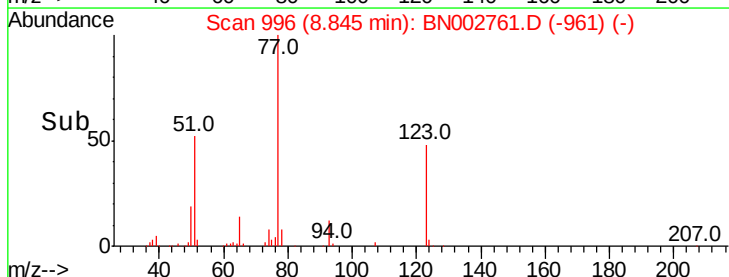
Abundance Ion 77.00 (76.70 to 77.70): BNC

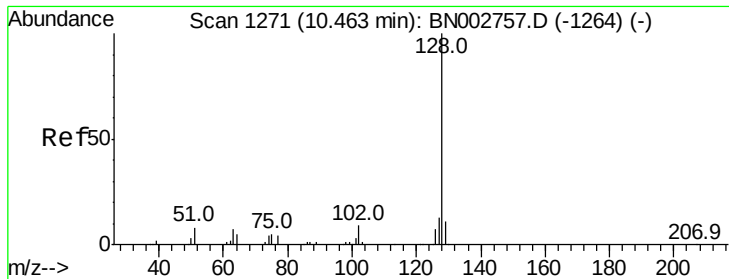
Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

8.85

Time-->

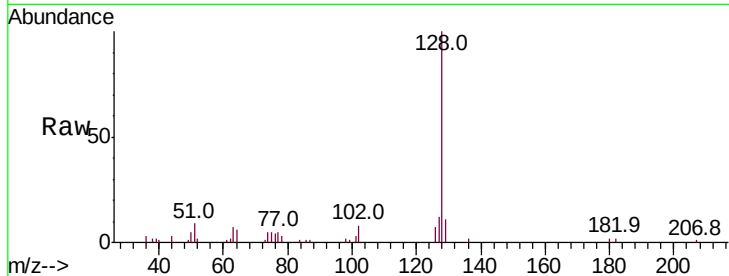




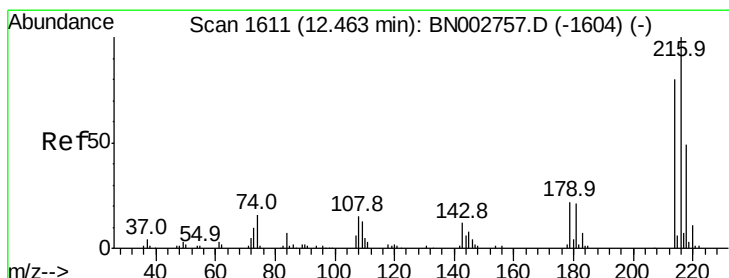
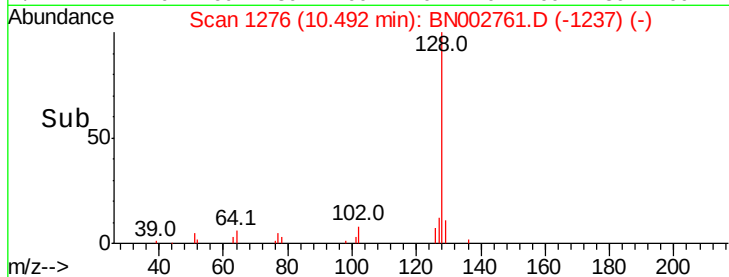
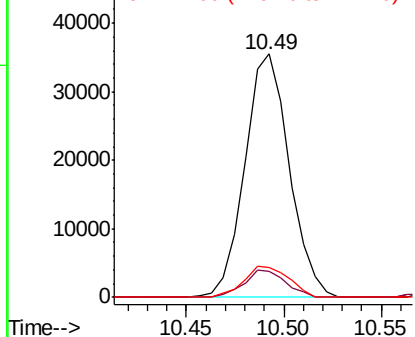
#28
Naphthalene
Concen: 1.822 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. 0.03 min
Lab File: BN002761.D
Acq: 18 Sep 2018 20:20

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 55898
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 12.4 10.5 15.7

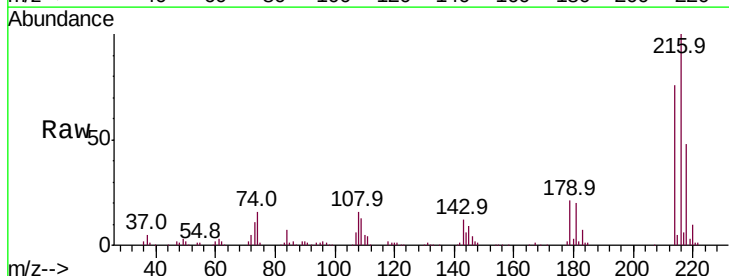


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

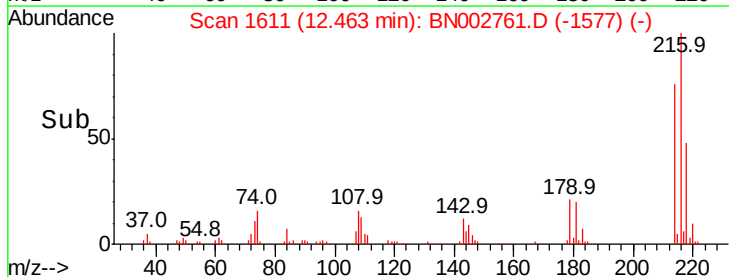
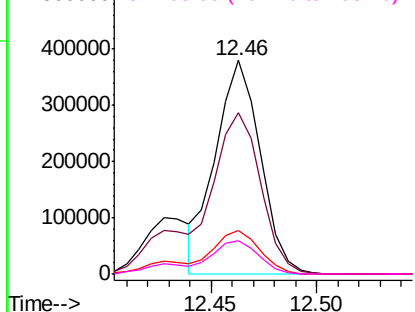


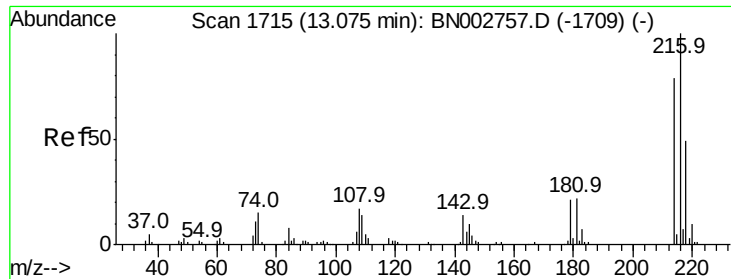
#36
1,2,4,5-Tetrachlorobenzene
Concen: 54.571 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BN002761.D
Acq: 18 Sep 2018 20:20

Tgt Ion:216 Resp: 559604
Ion Ratio Lower Upper
216 100
214 75.6 63.5 95.3
179 20.7 16.5 24.7
108 15.7 13.4 20.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 210.578 ng/uL

RT: 13.08 min Scan# 1716

Delta R.T. 0.01 min

Lab File: BN002761.D

Acq: 18 Sep 2018 20:20

Instrument :

BNA_N

ClientSampleId :

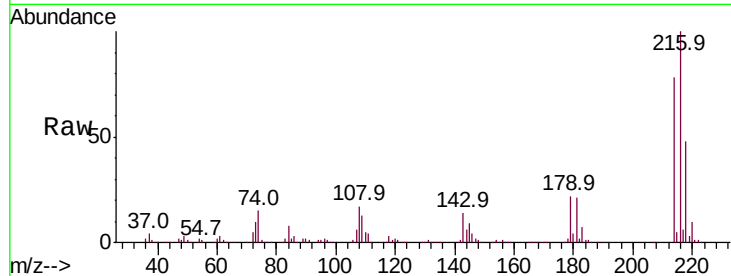
Tot Ion:216 Resp: 2213615

Ion Ratio Lower Upper

216 100

214 78.1 62.9 94.3

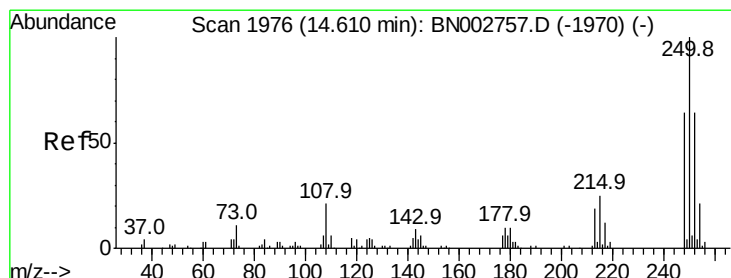
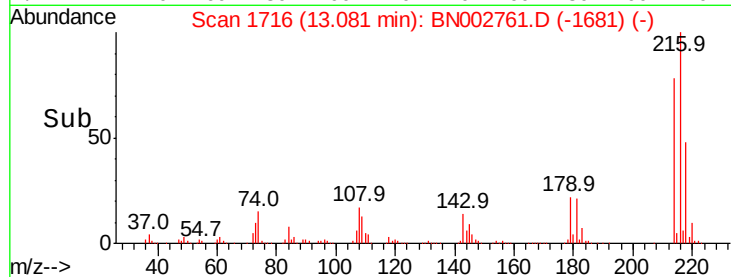
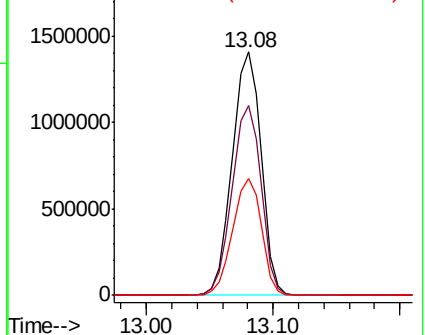
218 48.0 37.8 56.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 6.434 ng/uL

RT: 14.61 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN002761.D

Acq: 18 Sep 2018 20:20

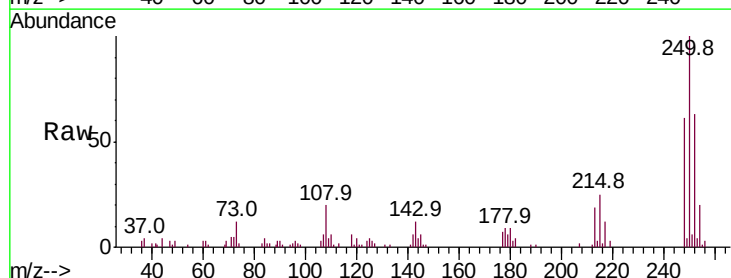
Tgt Ion:250 Resp: 60394

Ion Ratio Lower Upper

250 100

248 61.4 49.1 73.7

252 62.7 51.0 76.4



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

