

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010548.D
 Acq On : 17 Apr 2020 13:22
 Operator : CG/JU
 Sample : L2317-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0F09

Quant Time: Apr 17 13:54:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 10:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	400760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1790746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1213551	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2714073	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2847472	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2484481	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	11766	1.54	ng/uL	0.00
5) Phenol-d5	6.78	99	268067	8.47	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	559941	34.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	774535	28.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	522892	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	479179	34.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	553104	35.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	958612	31.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	83724	2.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	3372713	37.46	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4003733	36.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	135840	7.75	ng/ul	0.00
58) Fluorene-d10	15.22	176	2990779	37.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	501409	35.37	ng/ul	-0.01
71) Anthracene-d10	17.07	188	4987207	39.67	ng/ul	0.00
79) Pyrene-d10	19.37	212	5656229	35.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5089031	39.49	ng/ul	0.00

Target Compounds

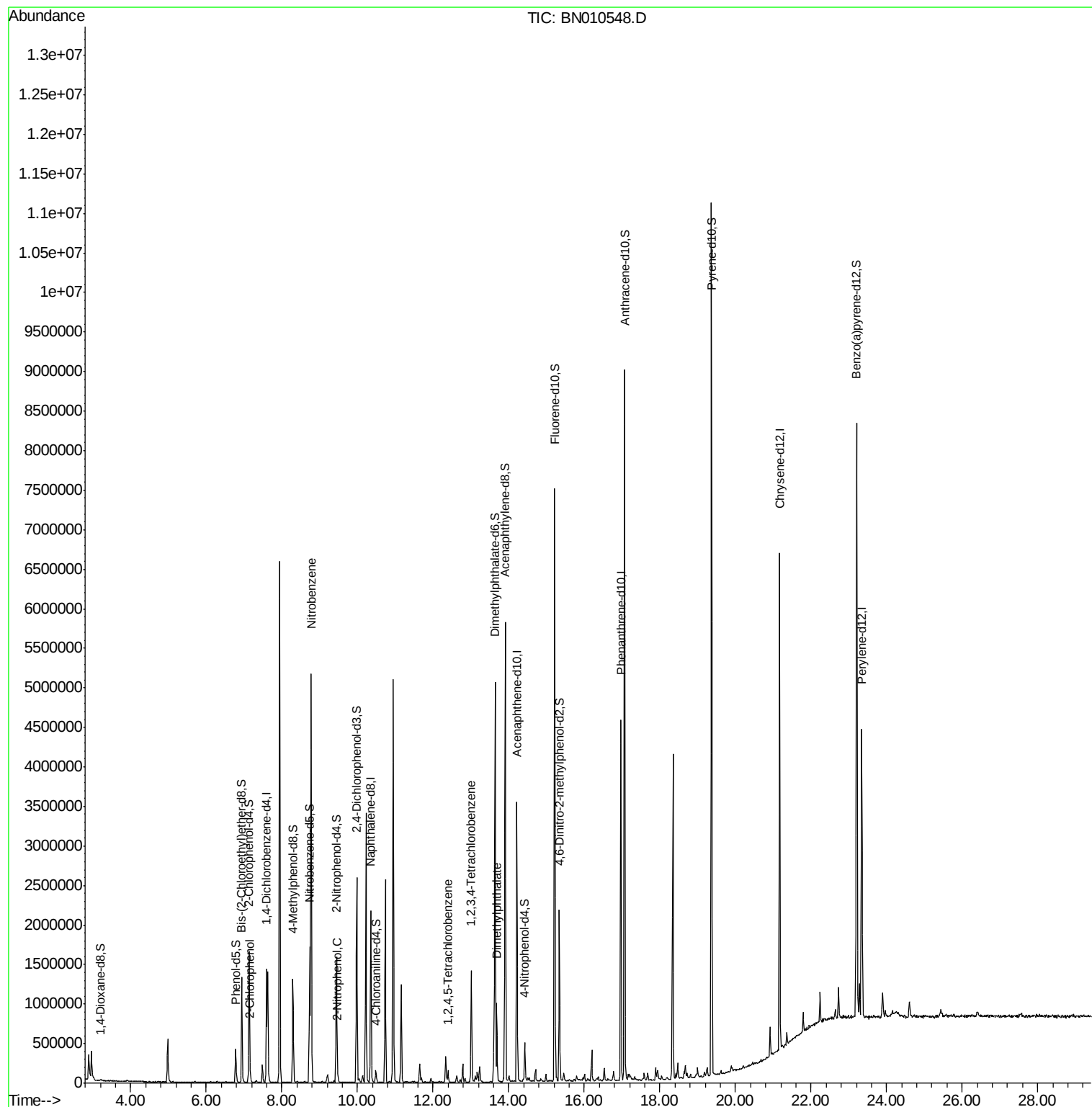
					Ovalue
10) 2-Chlorophenol	7.16	128	40283	1.468 ng/ul	95
20) Nitrobenzene	8.78	77	3077301	95.480 ng/ul	97
23) 2-Nitrophenol	9.48	139	38658	2.325 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	44268	1.094 ng/ul#	96
45) Dimethylphthalate	13.69	163	536955	5.744 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	409491	9.513 ng/uL	99

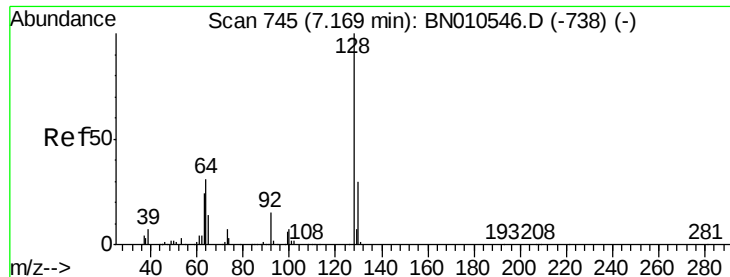
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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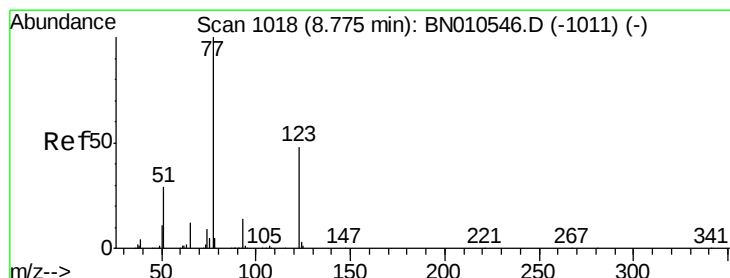
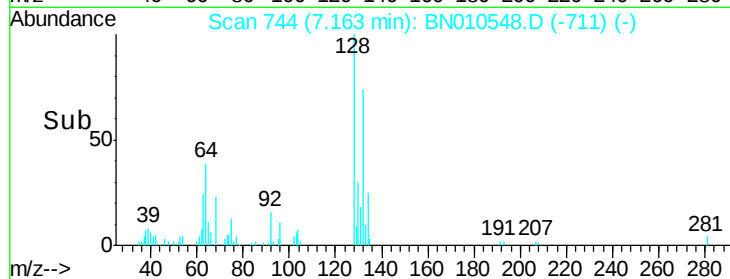
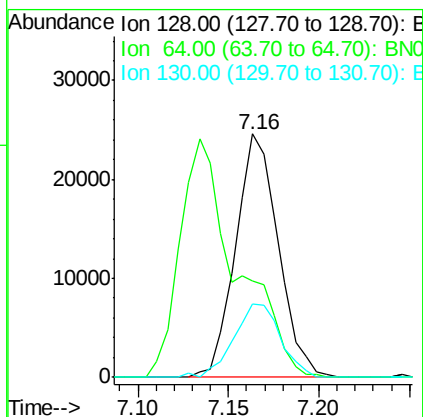
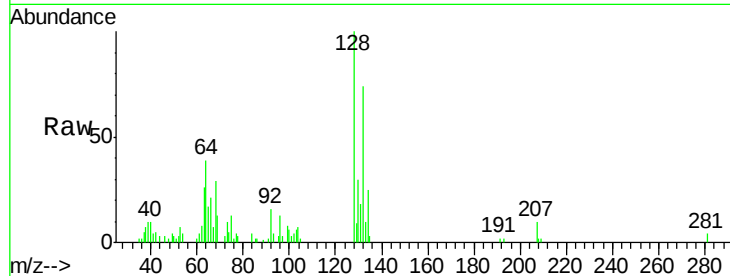




#10
2-Chlorophenol
Concen: 1.468 ng/ul
RT: 7.16 min Scan# 744
Delta R.T. -0.01 min
Lab File: BN010548.D
Acq: 17 Apr 2020 13:22

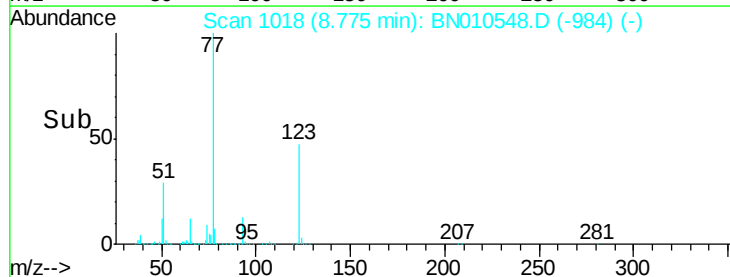
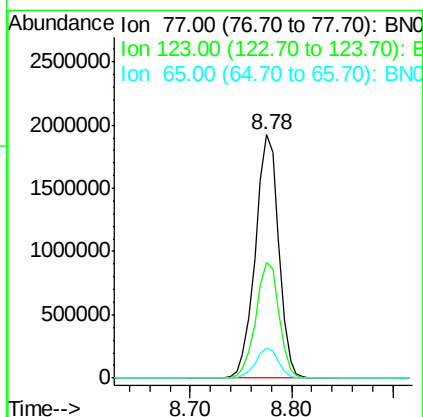
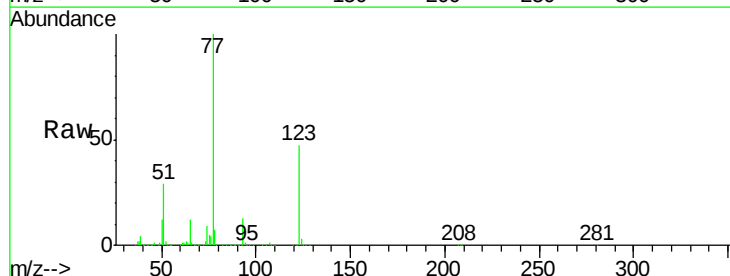
Instrument :
BNA_N
ClientSampleId :
C0F09

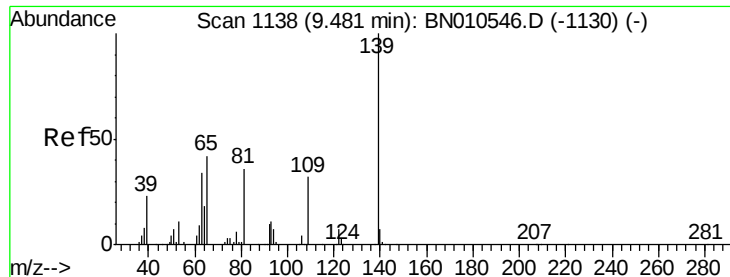
Tot Ion	Ratio	Lower	Upper
128	100		
64	39.4	29.7	44.5
130	30.1	27.0	40.6



#20
Nitrobenzene
Concen: 95.480 ng/ul
RT: 8.78 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BN010548.D
Acq: 17 Apr 2020 13:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	36.1	54.1
65	12.4	9.3	13.9





#23

2-Nitrophenol

Concen: 2.325 ng/ul

RT: 9.48 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BN010548.D

Acq: 17 Apr 2020 13:22

Instrument :

BNA_N

ClientSampleId :

C0F09

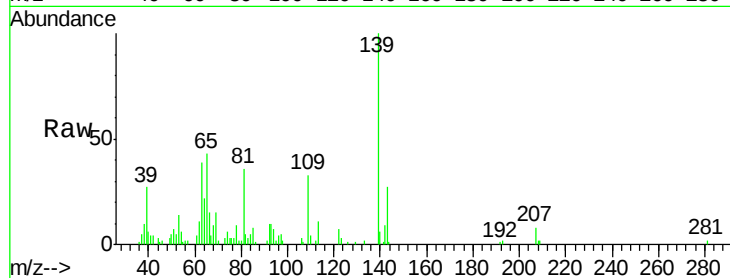
Tot Ion:139 Resp: 38658

Ion Ratio Lower Upper

139 100

65 42.8 33.4 50.0

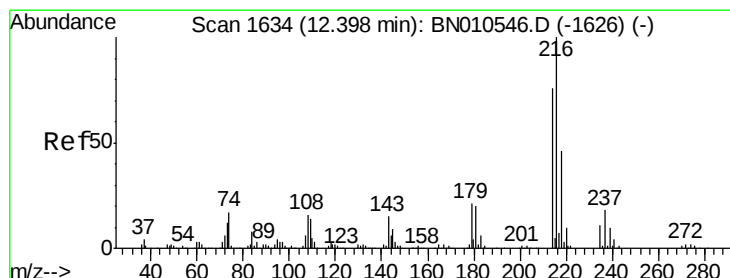
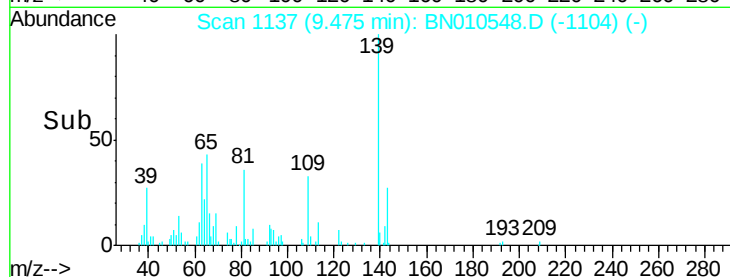
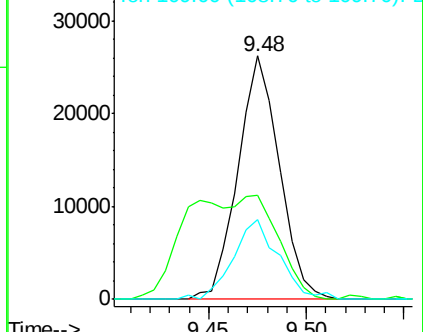
109 32.8 26.8 40.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

Ion 109.00 (108.70 to 109.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.094 ng/ul

RT: 12.40 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BN010548.D

Acq: 17 Apr 2020 13:22

Tgt Ion:216 Resp: 44268

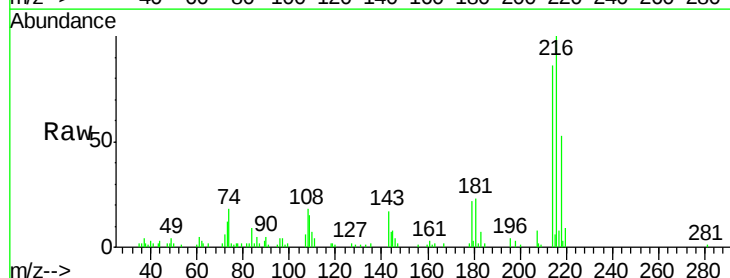
Ion Ratio Lower Upper

216 100

214 86.5 67.4 101.0

179 25.7 16.9 25.3#

108 17.8 13.0 19.4

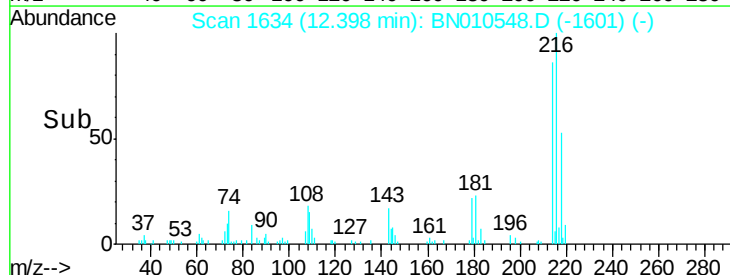
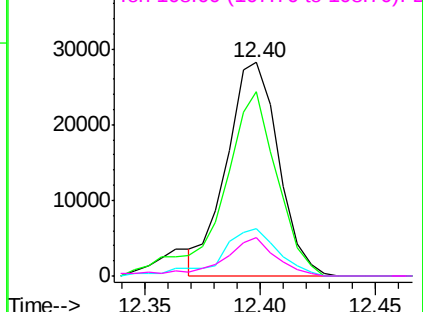


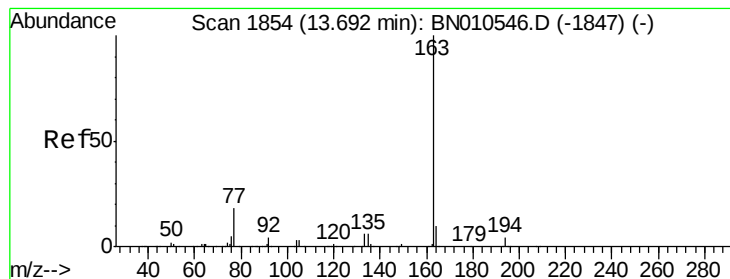
Abundance Ion 216.00 (215.70 to 216.70): E

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





#45

Dimethylphthalate

Concen: 5.744 ng/ul

RT: 13.69 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BN010548.D

Acq: 17 Apr 2020 13:22

Instrument :

BNA_N

ClientSampleId :

C0F09

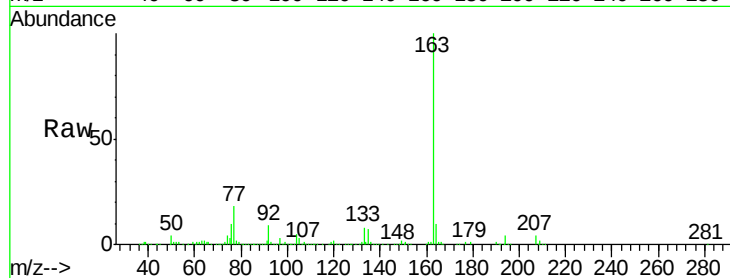
Tot Ion:163 Resp: 536955

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

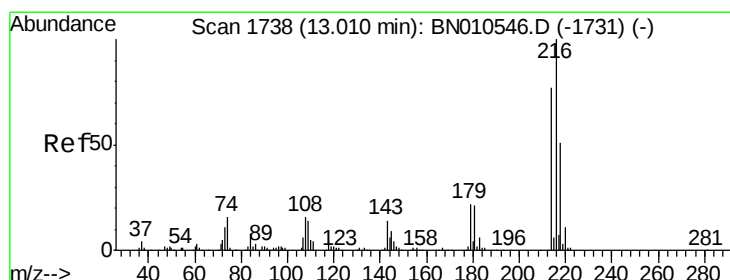
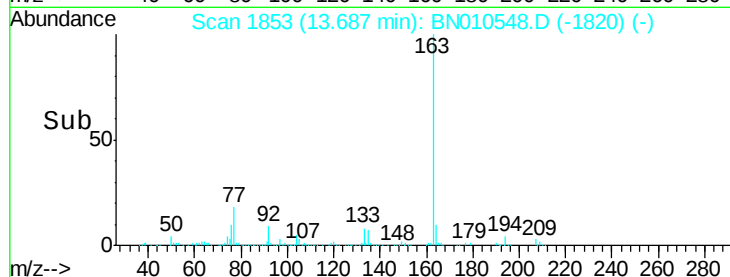
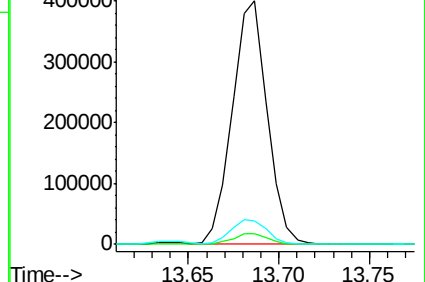
164 9.9 8.0 12.0



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 9.513 ng/uL

RT: 13.01 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BN010548.D

Acq: 17 Apr 2020 13:22

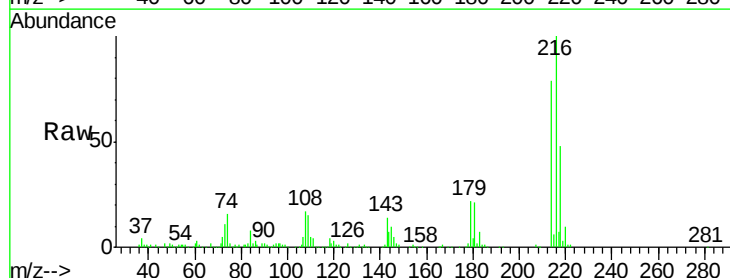
Tgt Ion:216 Resp: 409491

Ion Ratio Lower Upper

216 100

214 78.6 63.6 95.4

218 48.5 38.6 58.0



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

