

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081018\
 Data File : BN002299.D
 Acq On : 10 Aug 2018 22:33
 Operator : JU/SJ
 Sample : J4406-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 11 00:35:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 11 00:34:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	256556	20.00	ng/ul	0.03
18) Naphthalene-d8	10.46	136	1093587	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.32	164	596638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1117027	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	865271	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	871987	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	7872	1.38	ng/uL	0.01
5) Phenol-d5	6.87	99	28562	1.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	93819	6.37	ng/ul	0.02
9) 2-Chlorophenol-d4	7.23	132	91176	4.78	ng/ul	0.02
13) 4-Methylphenol-d8	8.39	113	57898	2.98	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	60114	6.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	61611	6.01	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.09	165	100717	5.43	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	1272	0.06	ng/ul	-0.11
43) Dimethylphthalate-d6	13.73	166	354379	7.01	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	436181	6.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	4981	0.52	ng/ul	0.03
57) Fluorene-d10	15.31	176	297817	6.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	28979	3.98	ng/ul	0.00
70) Anthracene-d10	17.16	188	407144	7.48	ng/ul	0.00
78) Pyrene-d10	19.46	212	366137	8.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	324101	6.88	ng/ul	-0.01

Target Compounds

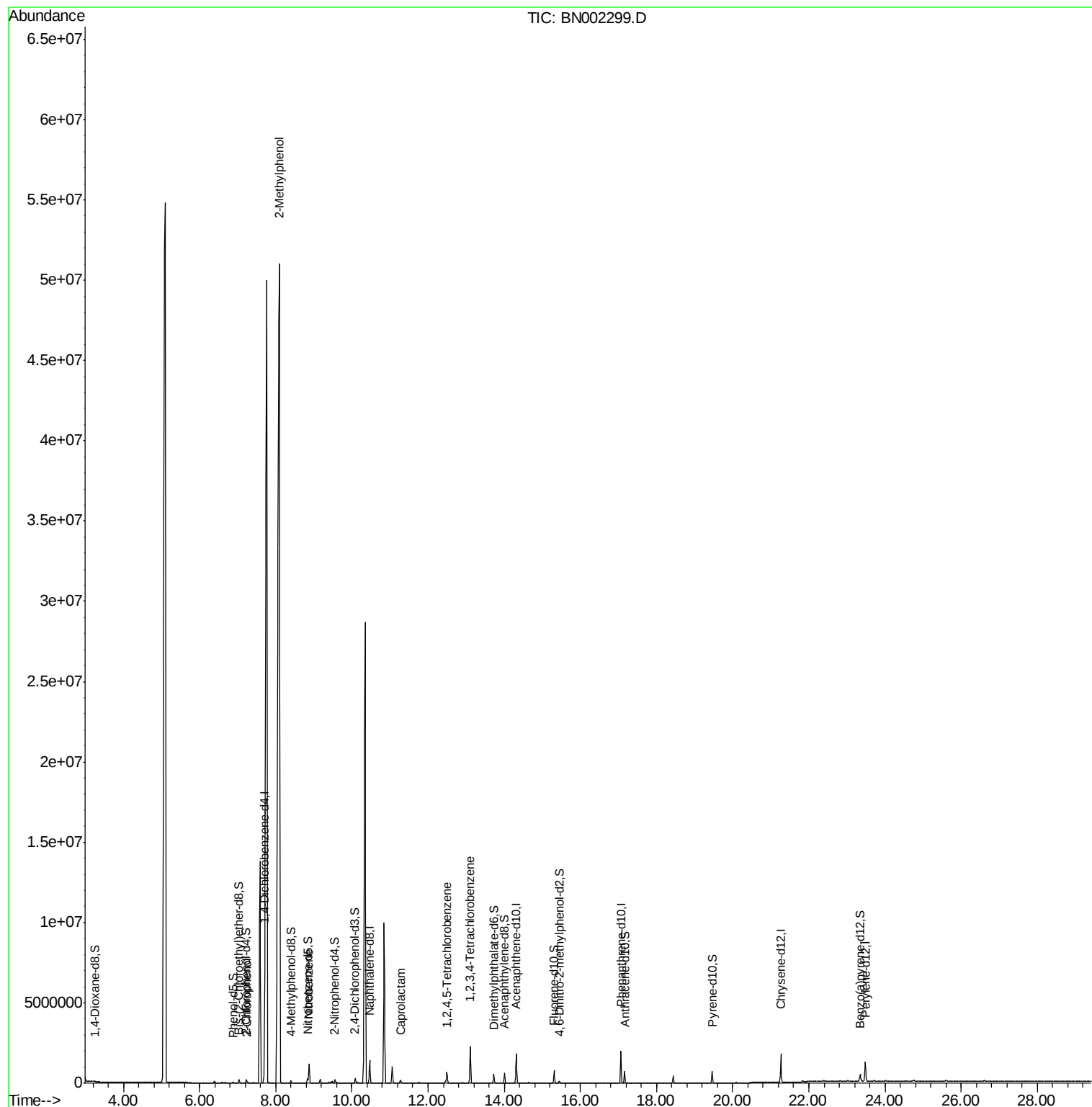
					Ovalue	
10) 2-Chlorophenol	7.26	128	22673	1.191	ng/ul#	87
11) 2-Methylphenol	8.09	108	338359	18.133	ng/ul	93
20) Nitrobenzene	8.88	77	651051	31.220	ng/ul	93
32) Caprolactam	11.27	113	15909	2.404	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	243269	12.574	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	691247	41.502	ng/uL	97

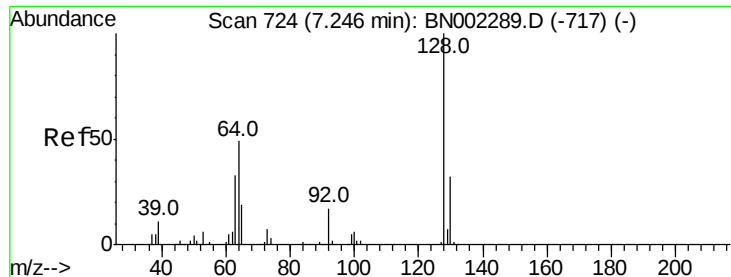
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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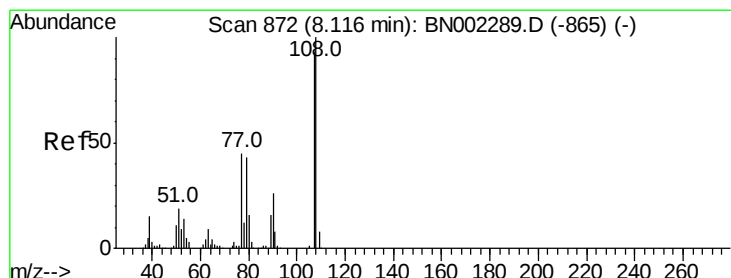
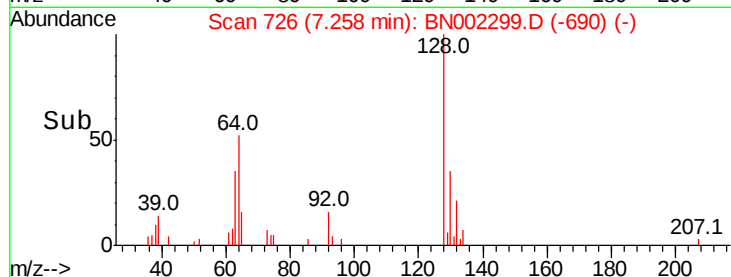
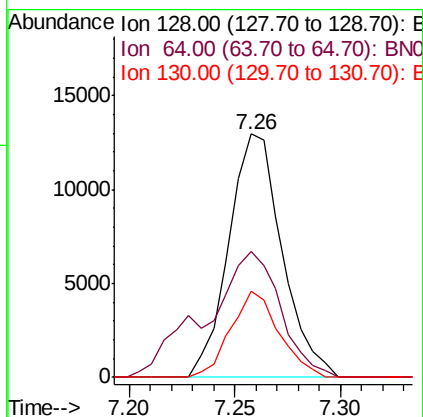
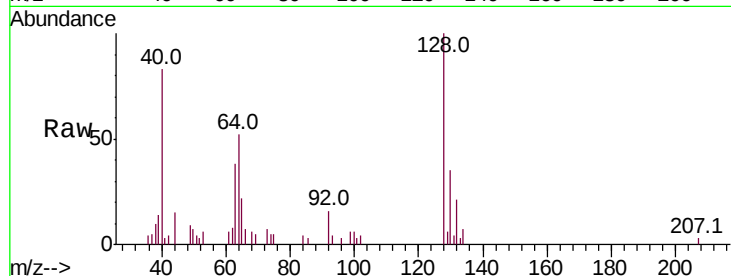




#10
2-Chlorophenol
Concen: 1.191 ng/ul
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

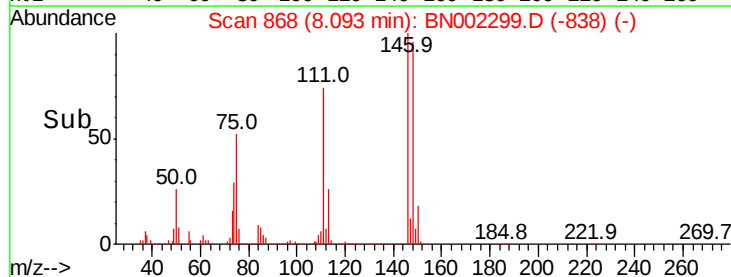
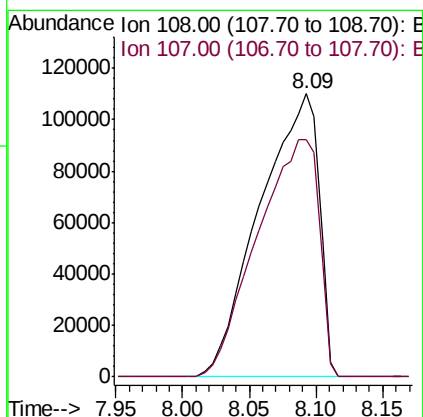
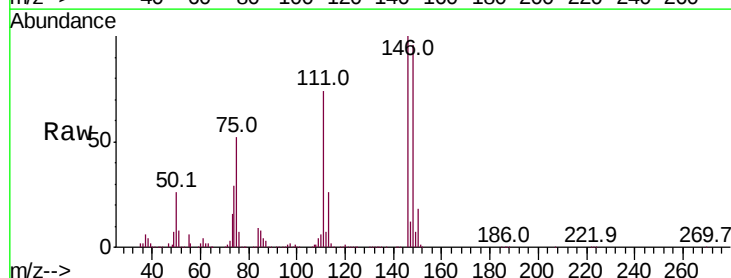
Instrument :
BNA_N
ClientSampleId :

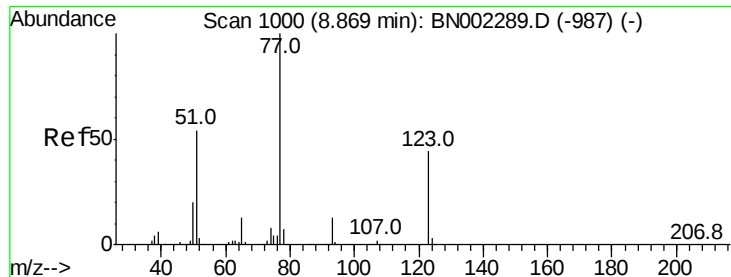
Tot Ion:128 Resp: 22673
Ion Ratio Lower Upper
128 100
64 51.8 31.9 47.9#
130 35.5 25.6 38.4



#11
2-Methylphenol
Concen: 18.133 ng/ul
RT: 8.09 min Scan# 868
Delta R.T. -0.02 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

Tgt Ion:108 Resp: 338359
Ion Ratio Lower Upper
108 100
107 84.0 72.4 108.6

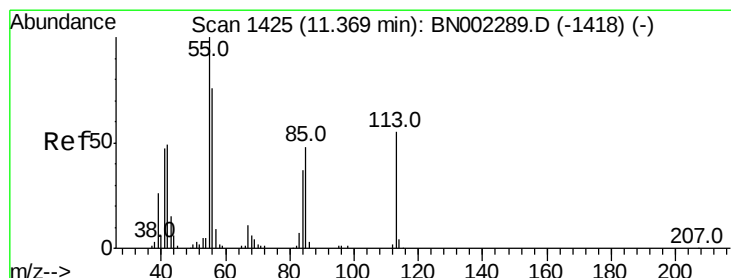
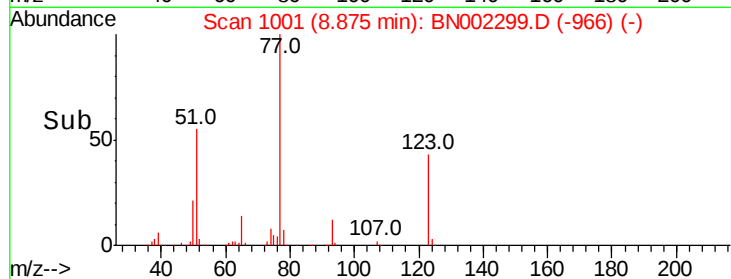
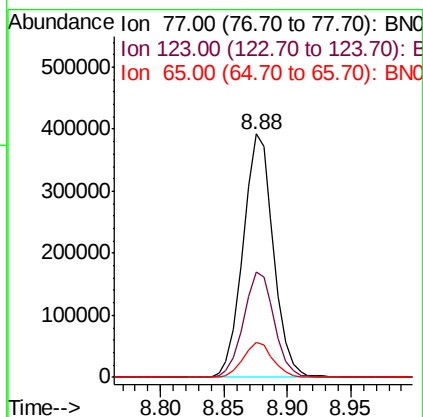
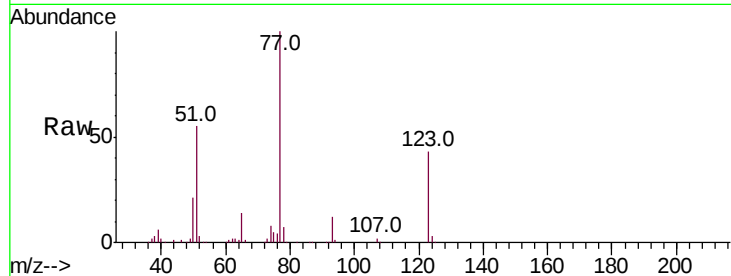




#20
Nitrobenzene
Concen: 31.220 ng/ul
RT: 8.88 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

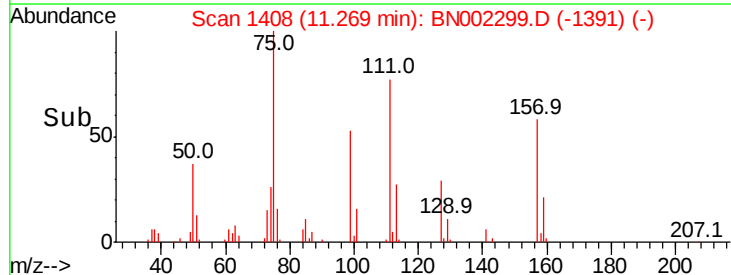
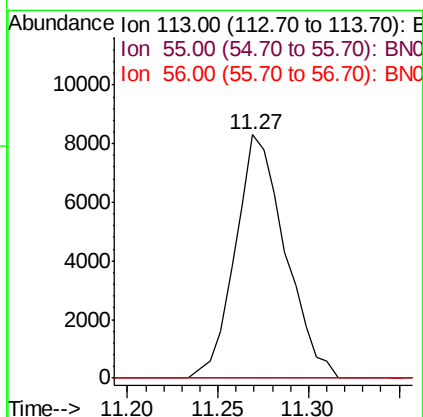
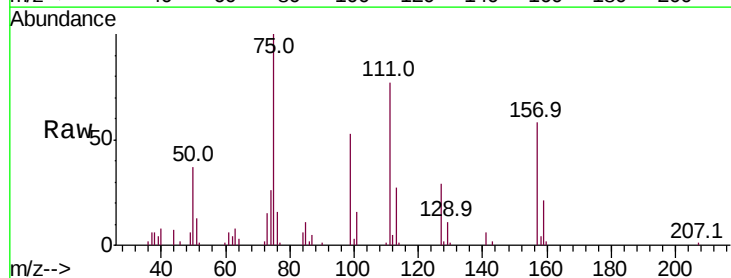
Instrument :
BNA_N
ClientSampled :

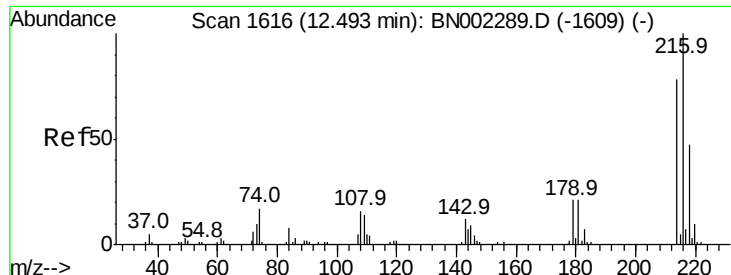
Tot Ion: 77 Resp: 651051
Ion Ratio Lower Upper
77 100
123 43.4 39.0 58.4
65 14.4 10.4 15.6



#32
Caprolactam
Concen: 2.404 ng/ul
RT: 11.27 min Scan# 1408
Delta R.T. -0.10 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

Tgt Ion: 113 Resp: 15909
Ion Ratio Lower Upper
113 100
55 0.0 101.9 152.9#
56 0.0 81.2 121.8#





#36

1,2,4,5-Tetrachlorobenzene

Concen: 12.574 ng/ul

RT: 12.50 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BN002299.D

Acq: 10 Aug 2018 22:33

Instrument :

BNA_N

ClientSampleId :

Tot Ion:216 Resp: 243269

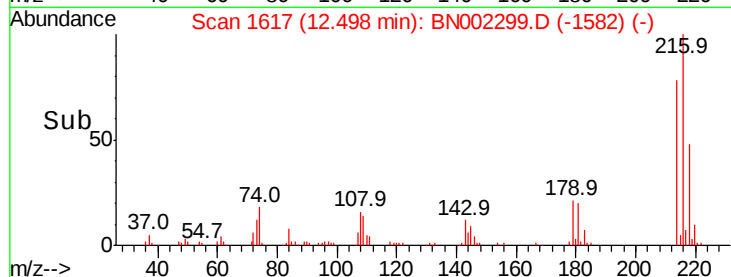
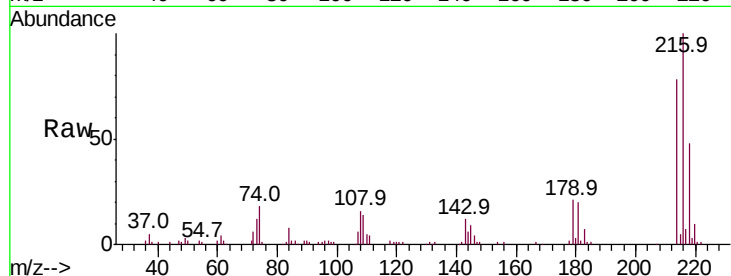
Ion Ratio Lower Upper

216 100

214 77.8 62.5 93.7

179 20.6 18.2 27.2

108 16.1 14.2 21.2

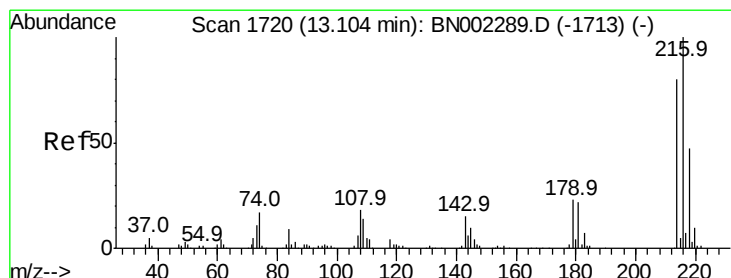
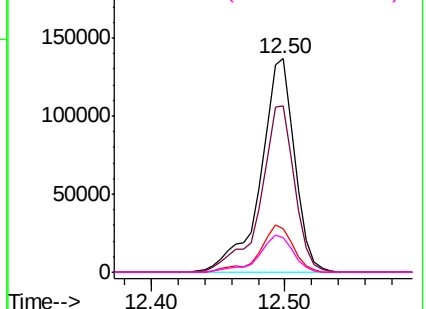


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.502 ng/uL

RT: 13.11 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BN002299.D

Acq: 10 Aug 2018 22:33

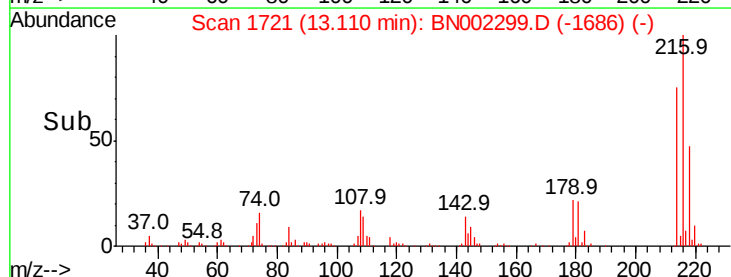
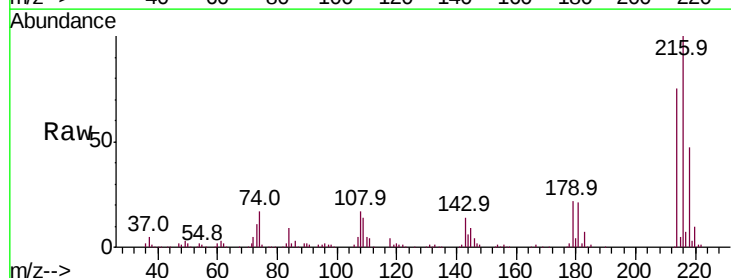
Tgt Ion:216 Resp: 691247

Ion Ratio Lower Upper

216 100

214 75.5 62.5 93.7

218 46.7 38.4 57.6



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

