

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
 Data File : BN002037.D
 Acq On : 13 Jul 2018 16:56
 Operator : JU/SJ
 Sample : J3847-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0841

Quant Time: Jul 14 01:47:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 14 00:59:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	456572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2097704	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1274932	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2897705	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2966303	20.00	ng/ul	-0.01
85) Perylene-d12	23.53	264	2849776	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	64789	6.40	ng/uL	0.00
5) Phenol-d5	6.89	99	299178	6.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	941473	35.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	938344	27.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	590569	17.05	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	640392	36.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	737241	37.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1141650	32.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	56013	1.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4353484	40.28	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	5120954	38.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	164503	7.97	ng/ul	0.00
57) Fluorene-d10	15.34	176	3620794	38.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	772775	40.95	ng/ul	0.00
70) Anthracene-d10	17.19	188	5749124	40.69	ng/ul	0.00
78) Pyrene-d10	19.49	212	6252984	40.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	6333172	41.15	ng/ul	-0.02

Target Compounds

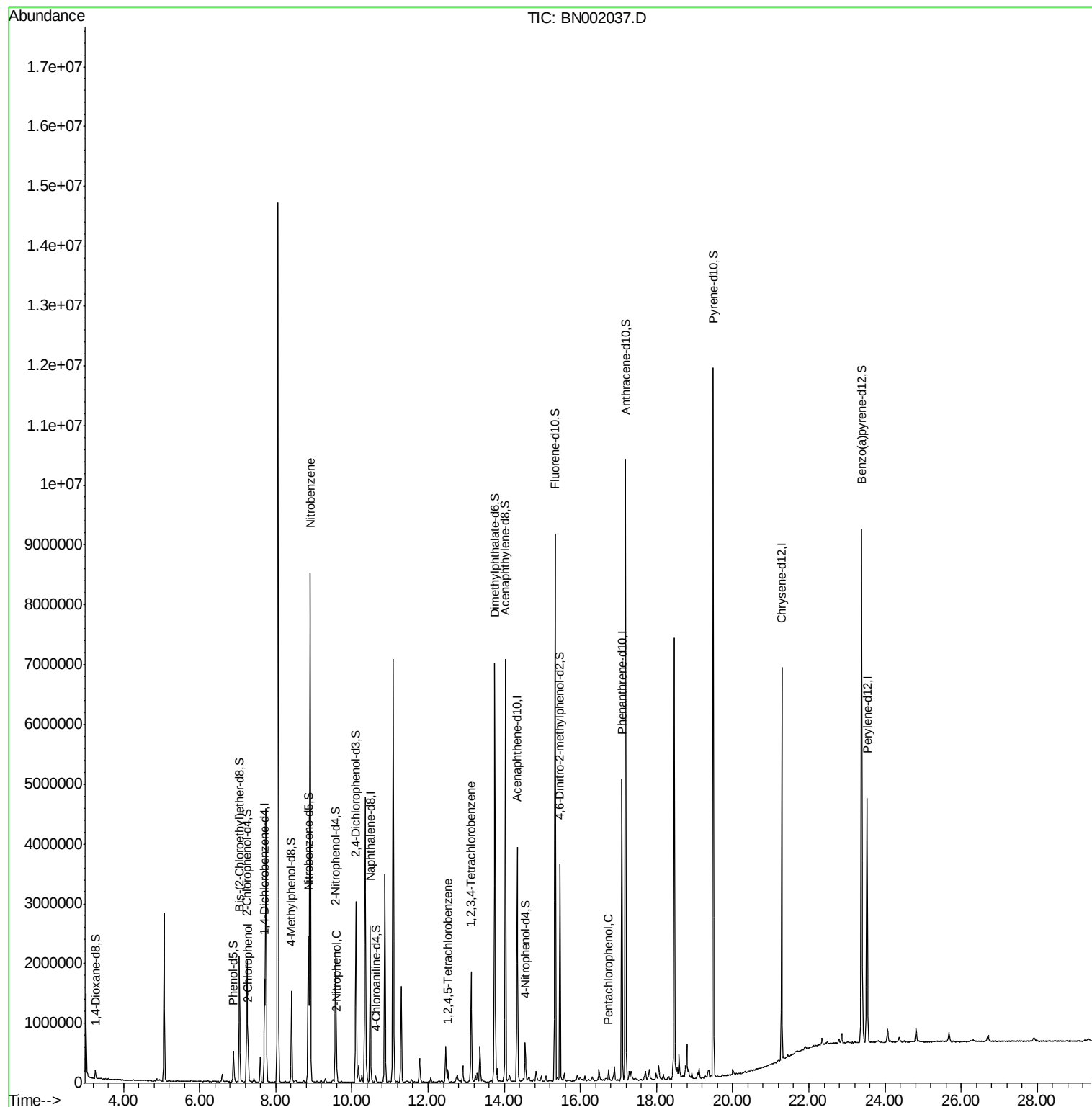
					Ovalue	
10) 2-Chlorophenol	7.28	128	232556	6.865	ng/ul#	89
20) Nitrobenzene	8.90	77	4645639	116.139	ng/ul	97
23) 2-Nitrophenol	9.60	139	65440	3.252	ng/ul	90
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	71168	1.721	ng/ul	100
68) Pentachlorophenol	16.75	266	30757	1.532	ng/ul	92
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	545767	12.631	ng/uL	98

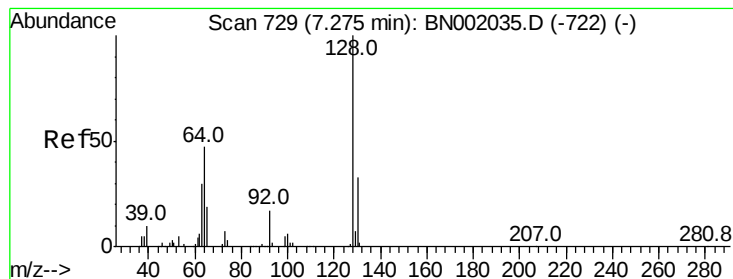
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 6.865 ng/ul

RT: 7.28 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN002037.D

Acq: 13 Jul 2018 16:56

Instrument :

BNA_N

ClientSampleId :

C0841

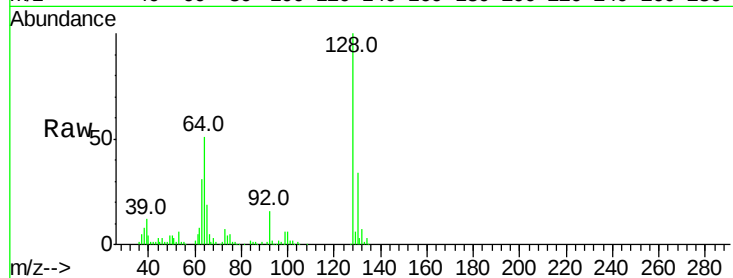
Tot Ion:128 Resp: 232556

Ion Ratio Lower Upper

128 100

64 51.1 31.9 47.9#

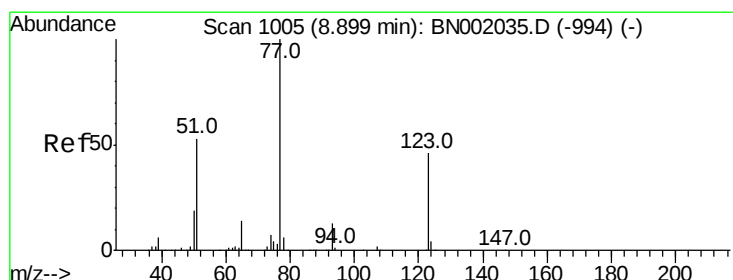
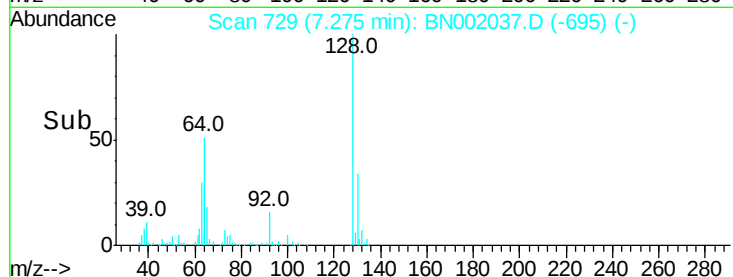
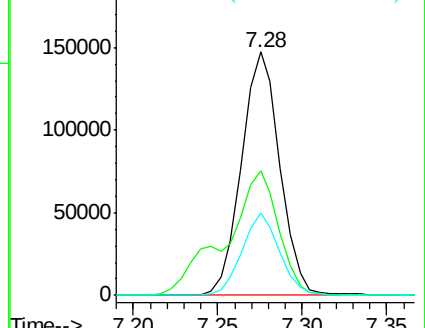
130 33.7 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 116.139 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BN002037.D

Acq: 13 Jul 2018 16:56

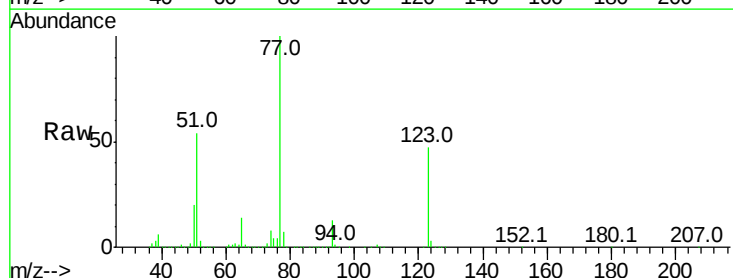
Tgt Ion: 77 Resp: 4645639

Ion Ratio Lower Upper

77 100

123 47.2 39.0 58.4

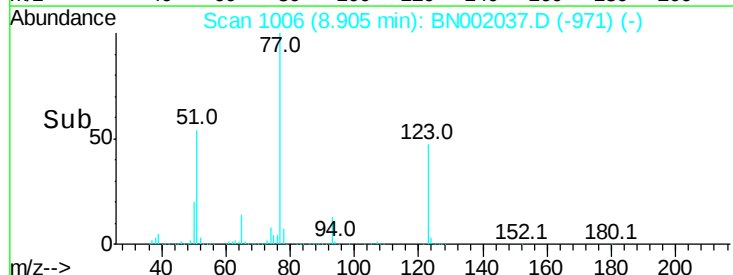
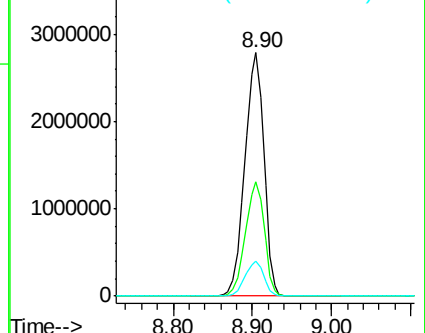
65 14.5 10.4 15.6

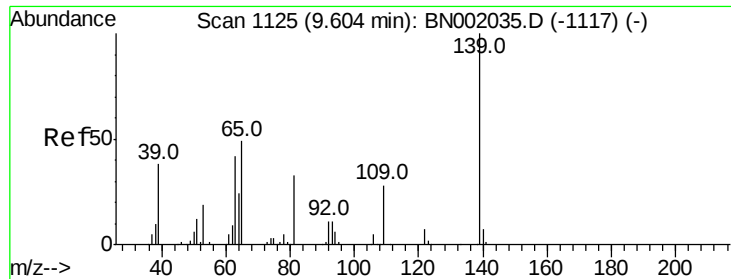


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

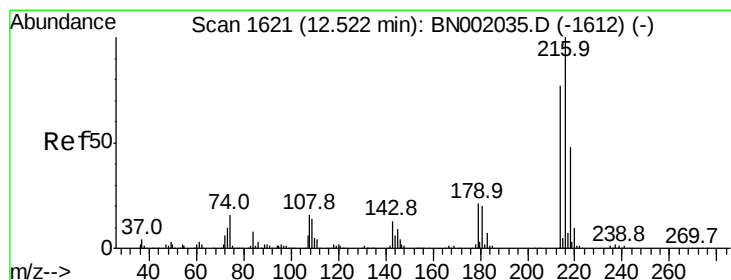
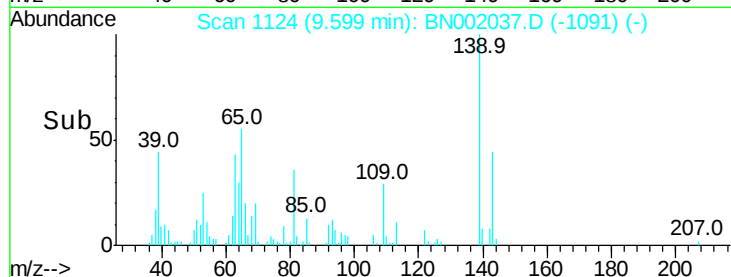
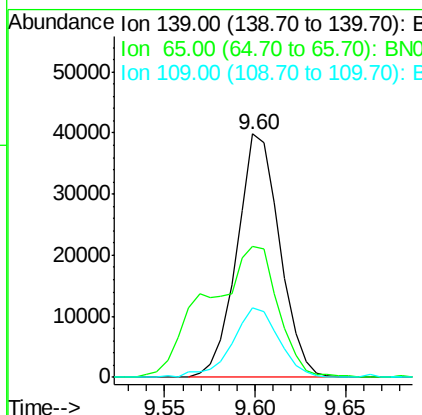
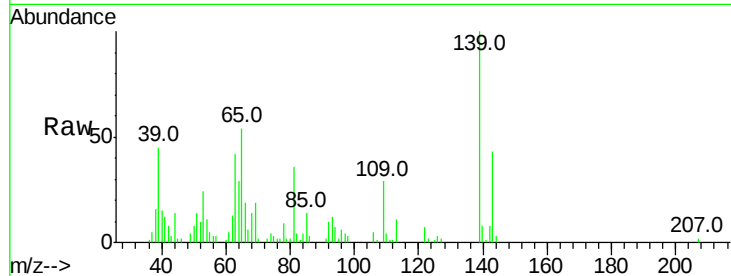




#23
2-Nitrophenol
Concen: 3.252 ng/ul
RT: 9.60 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BN002037.D
Acq: 13 Jul 2018 16:56

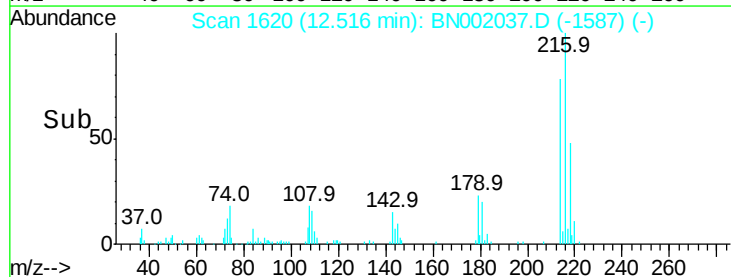
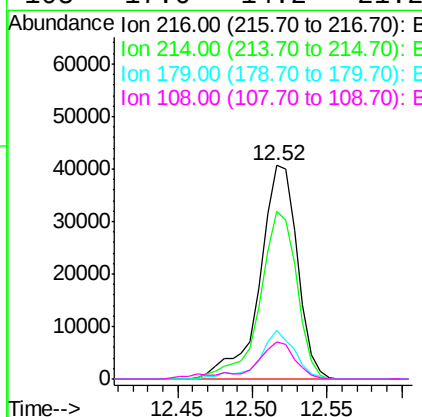
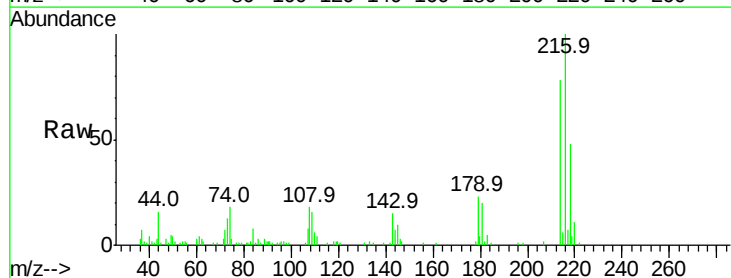
Instrument :
BNA_N
ClientSampled :
C0841

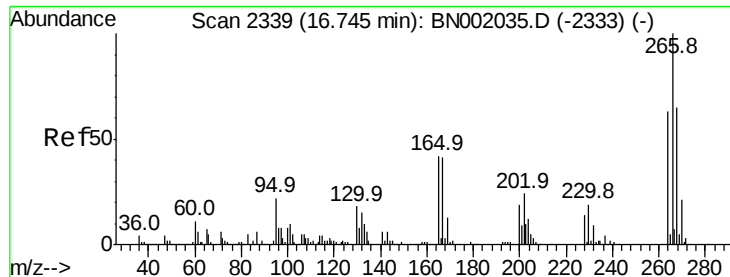
Tot Ion:139 Resp: 65440
Ion Ratio Lower Upper
139 100
65 53.6 36.3 54.5
109 28.8 26.4 39.6



#36
1,2,4,5-Tetrachlorobenzene
Concen: 1.721 ng/ul
RT: 12.52 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BN002037.D
Acq: 13 Jul 2018 16:56

Tgt Ion:216 Resp: 71168
Ion Ratio Lower Upper
216 100
214 78.3 62.5 93.7
179 22.6 18.2 27.2
108 17.6 14.2 21.2





#68

Pentachlorophenol

Concen: 1.532 ng/ul

RT: 16.75 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BN002037.D

Acq: 13 Jul 2018 16:56

Instrument :

BNA_N

ClientSampled :

C0841

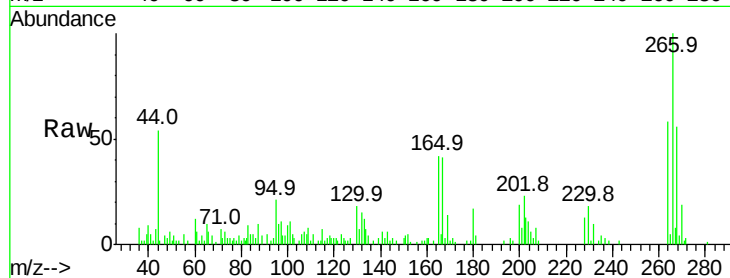
Tot Ion:266 Resp: 30757

Ion Ratio Lower Upper

266 100

264 58.1 50.5 75.7

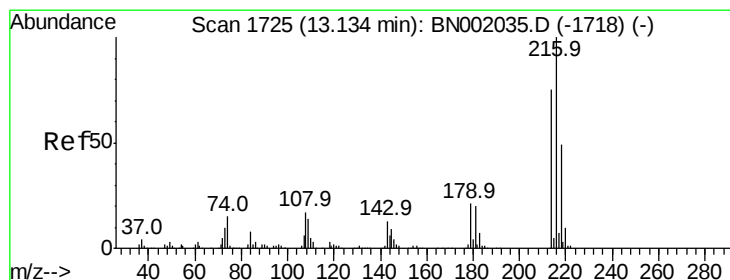
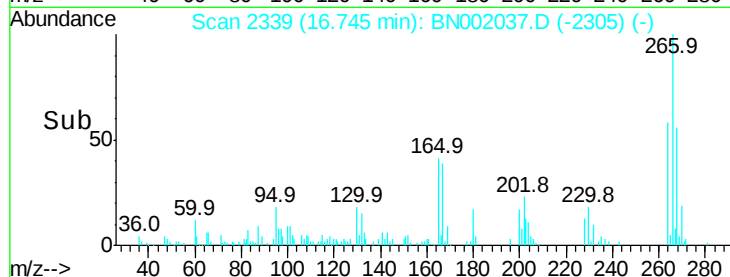
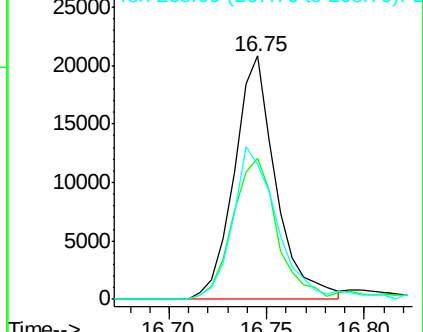
268 55.6 50.9 76.3



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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 12.631 ng/uL

RT: 13.13 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BN002037.D

Acq: 13 Jul 2018 16:56

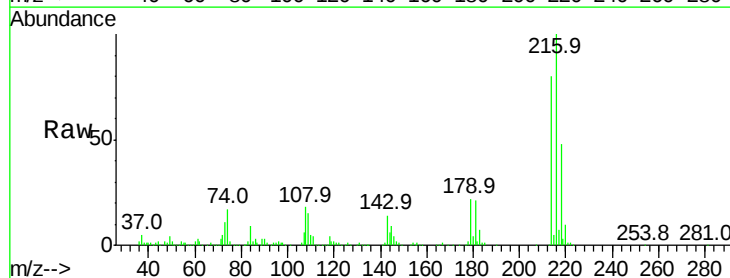
Tgt Ion:216 Resp: 545767

Ion Ratio Lower Upper

216 100

214 80.4 62.5 93.7

218 48.3 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

