

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
 Data File : BN002735.D
 Acq On : 17 Sep 2018 20:39
 Operator : JU/SJ
 Sample : J4893-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 02:48:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 18 02:47:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	156269	20.00	ng/ul	0.01
18) Naphthalene-d8	10.44	136	627971	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.29	164	337078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	686097	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	647934	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	676867	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17194	5.08	ng/uL	0.00
5) Phenol-d5	6.84	99	82303	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	257907	31.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	271602	24.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	145999	14.20	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	165755	34.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	185041	33.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	293885	29.57	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	11256	0.98	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	915701	34.71	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1139638	33.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	14693	3.37	ng/ul	0.03
57) Fluorene-d10	15.28	176	792522	34.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	124482	29.01	ng/ul	0.00
70) Anthracene-d10	17.13	188	1160127	35.42	ng/ul	0.00
78) Pyrene-d10	19.44	212	1187476	34.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1281044	35.96	ng/ul	0.00

Target Compounds

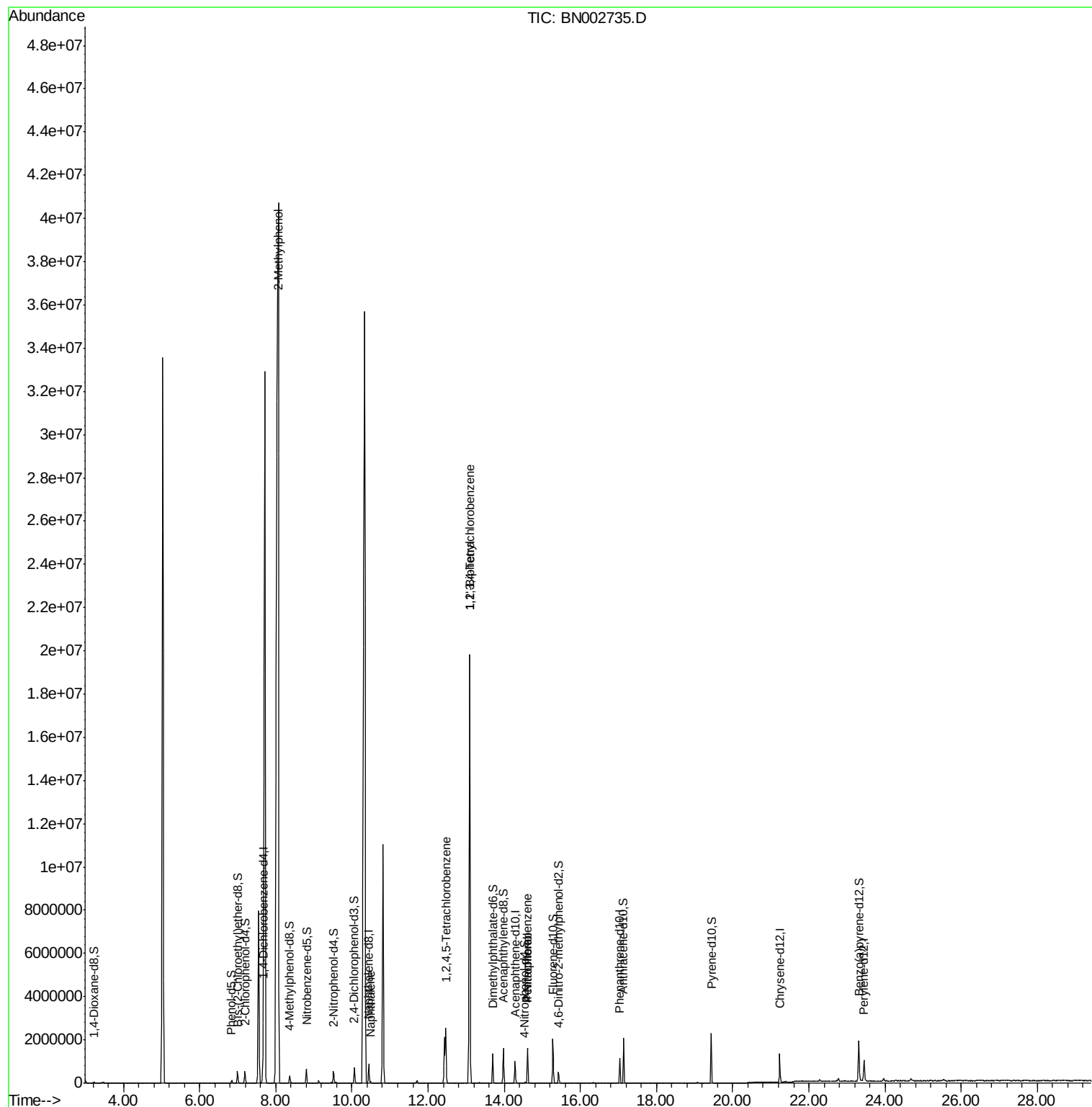
					Ovalue	
11) 2-Methylphenol	8.07	108	291542	29.013	ng/ul	98
28) Naphthalene	10.49	128	57800	1.786	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	746179	66.637	ng/ul	98
40) 1,1'-Biphenyl	13.10	154	44006	1.585	ng/ul#	91
52) 4-Nitrophenol	14.61	109	14868	4.898	ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	7131551	608.432	ng/uL	98
73) Pentachlorobenzene	14.61	250	430700	41.154	ng/uL	99

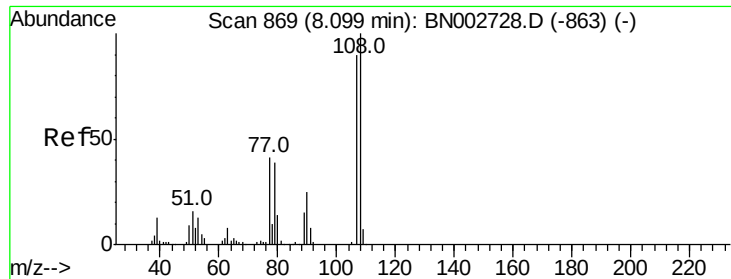
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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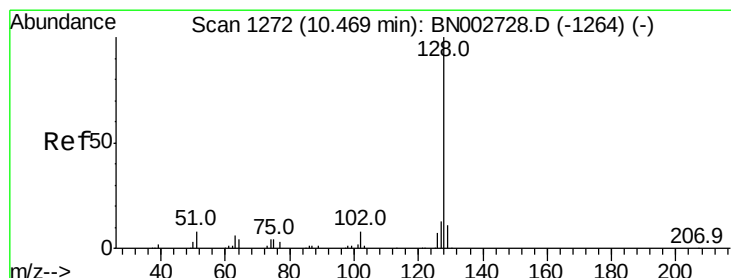
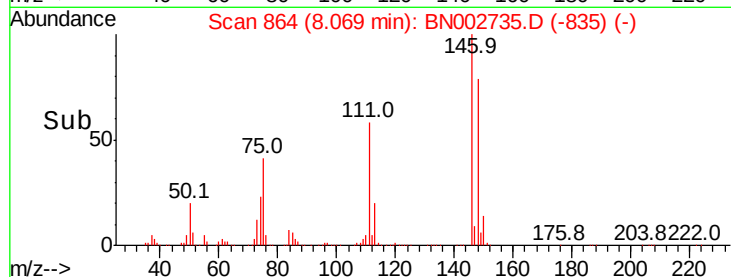
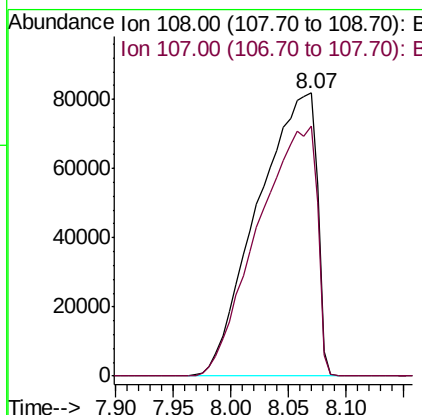
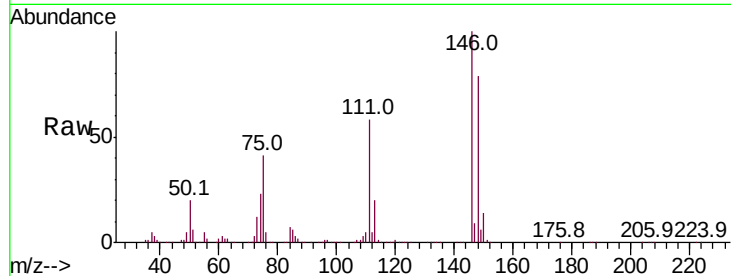




#11
2-Methylphenol
Concen: 29.013 ng/ul
RT: 8.07 min Scan# 864
Delta R.T. -0.03 min
Lab File: BN002735.D
Acq: 17 Sep 2018 20:39

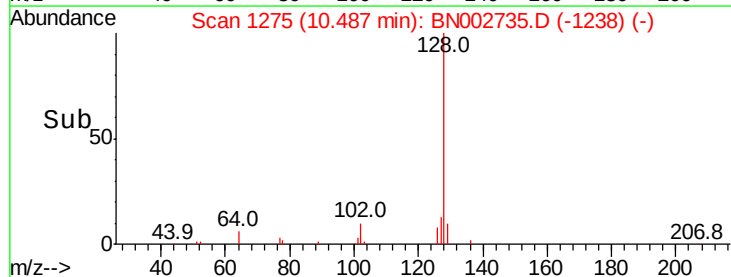
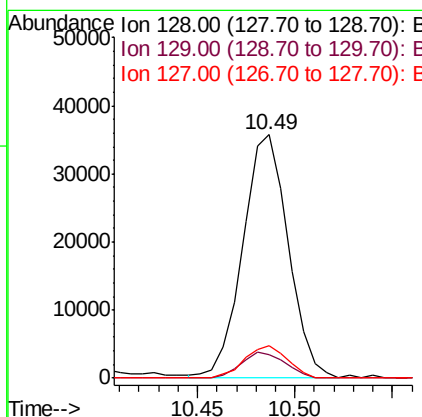
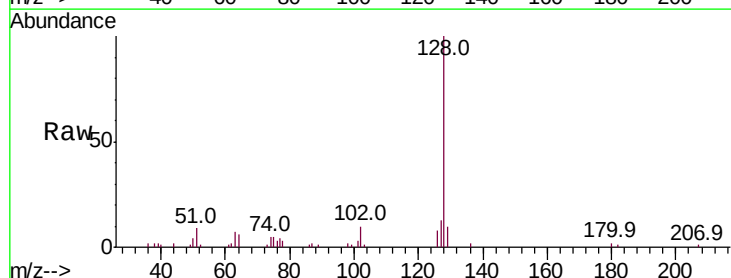
Instrument :
BNA_N
ClientSampled :

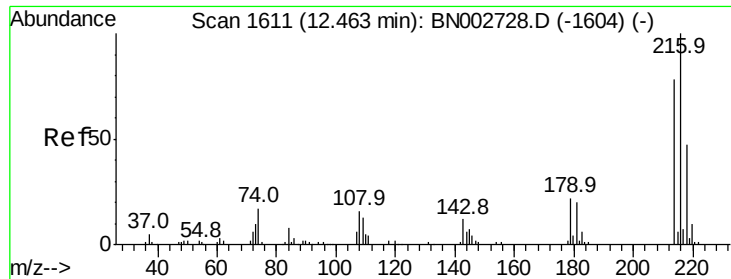
Tot Ion:108 Resp: 291542
Ion Ratio Lower Upper
108 100
107 88.2 72.0 108.0



#28
Naphthalene
Concen: 1.786 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. 0.02 min
Lab File: BN002735.D
Acq: 17 Sep 2018 20:39

Tgt Ion:128 Resp: 57800
Ion Ratio Lower Upper
128 100
129 9.9 8.3 12.5
127 13.1 10.5 15.7

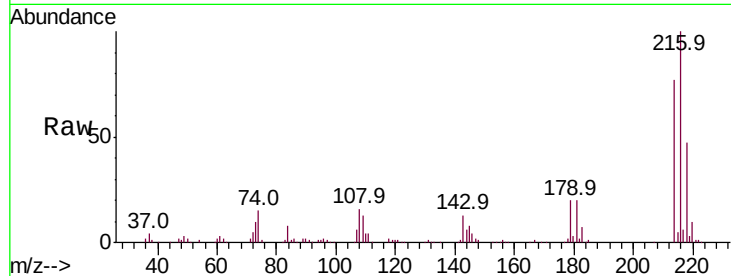




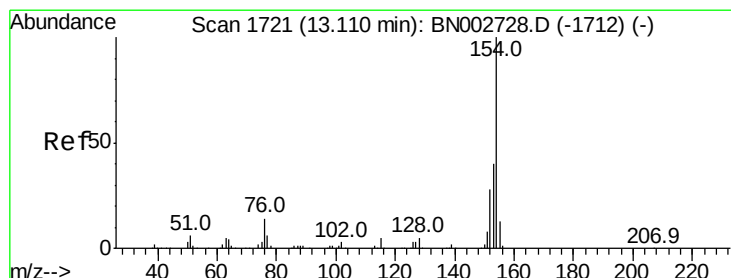
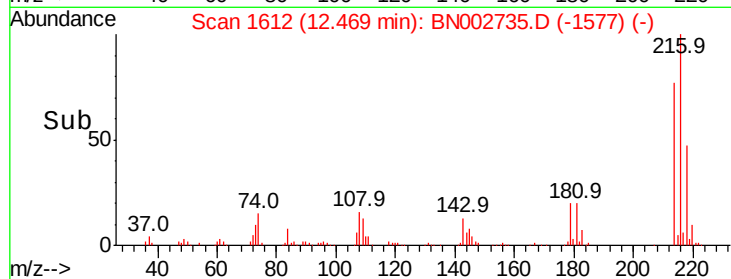
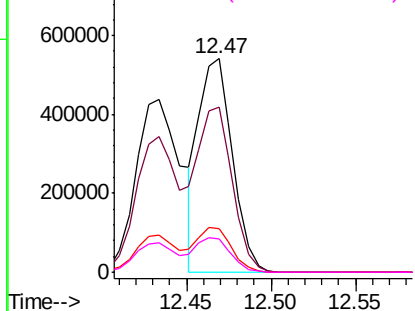
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 66.637 ng/ul
 RT: 12.47 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BN002735.D
 Acq: 17 Sep 2018 20:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	746179
Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.5	95.3
179	20.4	16.5	24.7
108	15.8	13.4	20.2

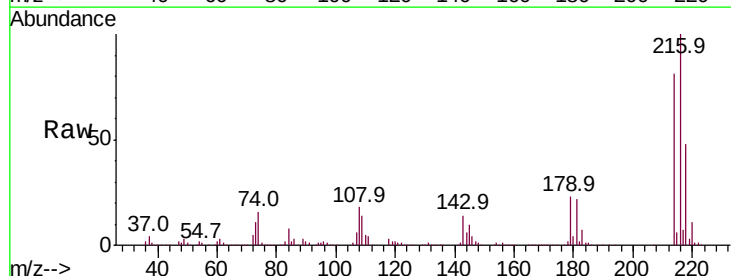


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

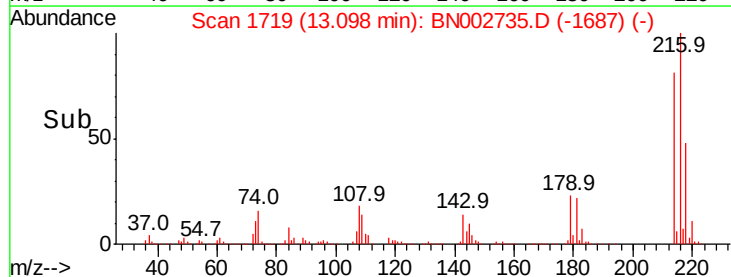
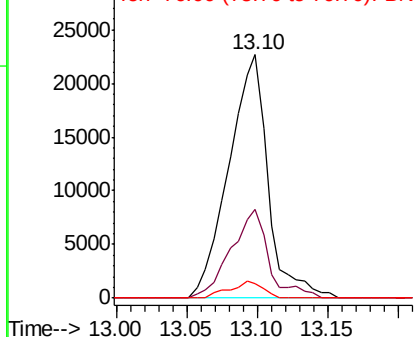


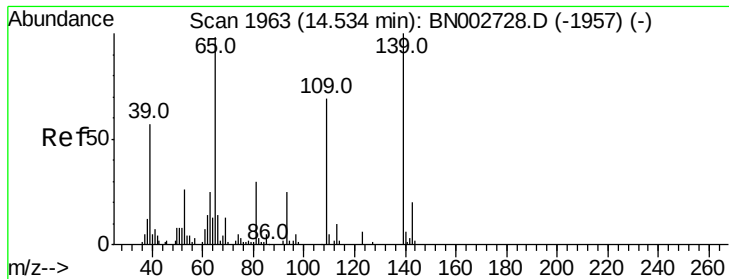
#40
 1,1'-Biphenyl
 Concen: 1.585 ng/ul
 RT: 13.10 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BN002735.D
 Acq: 17 Sep 2018 20:39

Tgt Ion:	154	Resp:	44006
Ion	Ratio	Lower	Upper
154	100		
153	36.2	32.1	48.1
76	5.8	10.5	15.7#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC





#52

4-Nitrophenol

Concen: 4.898 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.08 min

Lab File: BN002735.D

Acq: 17 Sep 2018 20:39

Instrument :

BNA_N

ClientSampled :

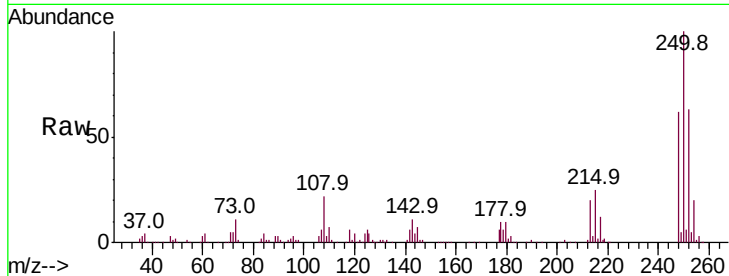
Tot Ion:109 Resp: 14868

Ion Ratio Lower Upper

109 100

139 0.0 116.5 174.7#

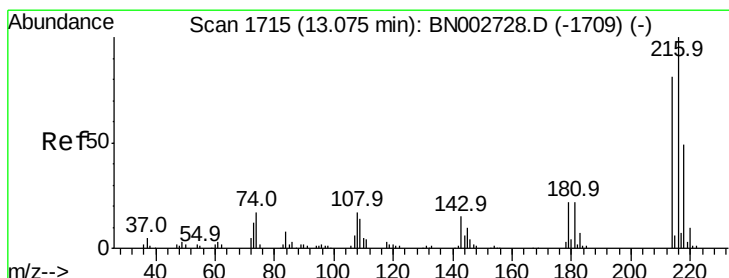
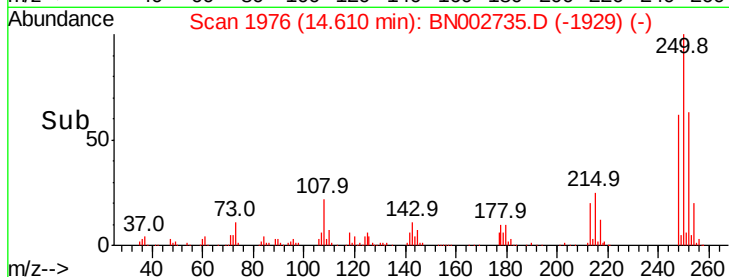
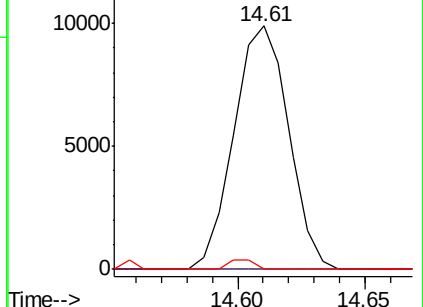
65 0.0 116.7 175.1#



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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 608.432 ng/uL

RT: 13.10 min Scan# 1719

Delta R.T. 0.02 min

Lab File: BN002735.D

Acq: 17 Sep 2018 20:39

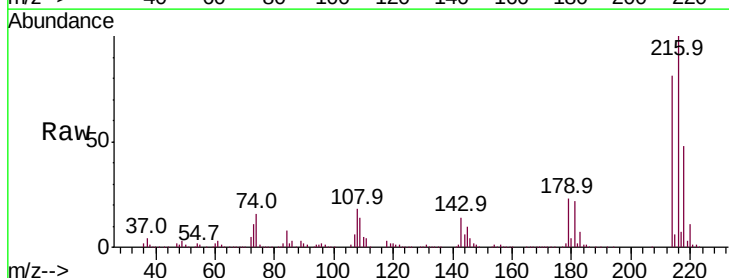
Tgt Ion:216 Resp: 7131551

Ion Ratio Lower Upper

216 100

214 80.5 62.9 94.3

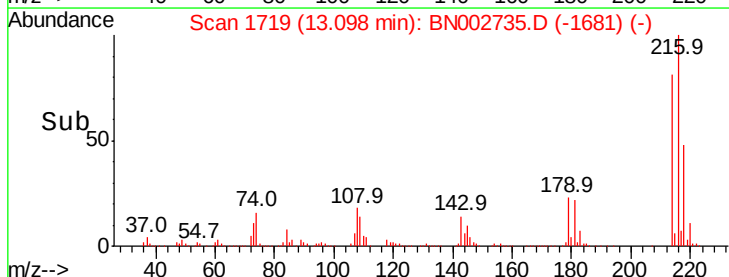
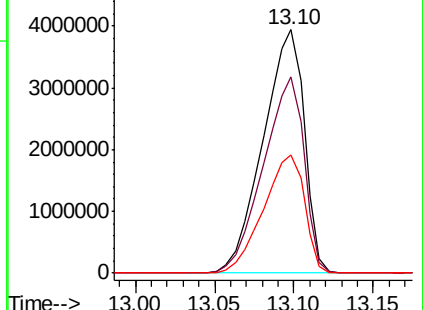
218 48.4 37.8 56.6

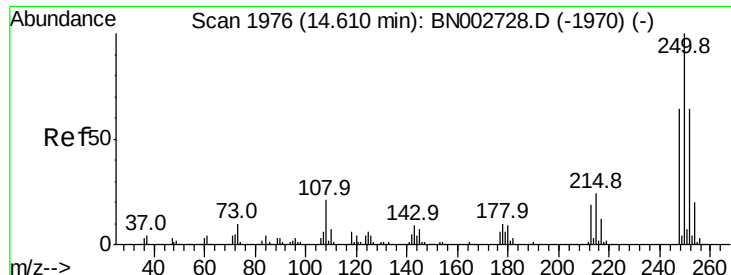


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 41.154 ng/uL

RT: 14.61 min Scan# 1976

Delta R.T. -0.00 min

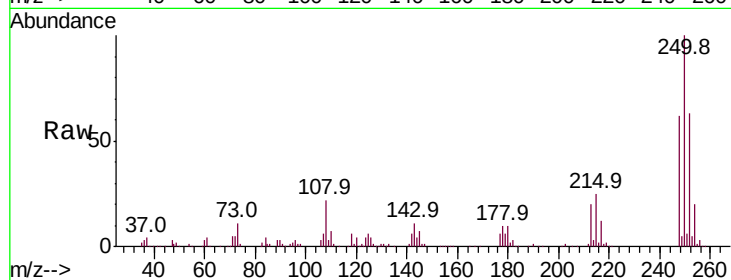
Lab File: BN002735.D

Acq: 17 Sep 2018 20:39

Instrument :

BNA_N

ClientSampleId :



Tot Ion:250 Resp: 430700

Ion Ratio Lower Upper

250 100

248 62.4 49.1 73.7

252 63.4 51.0 76.4

Abundance Ion 250.00 (249.70 to 250.70): E
 400000 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

