

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
 Data File : BN002732.D
 Acq On : 17 Sep 2018 18:53
 Operator : JU/SJ
 Sample : J4893-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 02:48:15 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	140469	20.00	ng/ul	0.01
18) Naphthalene-d8	10.42	136	570807	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	305220	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	642022	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	641228	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	671542	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	14175	4.66	ng/uL	0.00
5) Phenol-d5	6.84	99	86355	7.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	249768	33.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	268695	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	158734	17.18	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	162771	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	186533	37.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	289950	32.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	16814	1.61	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	911837	38.17	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1166462	37.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	19525	4.94	ng/ul	0.02
57) Fluorene-d10	15.28	176	784118	37.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	134325	33.45	ng/ul	0.00
70) Anthracene-d10	17.13	188	1174011	38.30	ng/ul	0.00
78) Pyrene-d10	19.44	212	1231000	36.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1371919	38.81	ng/ul	0.00

Target Compounds

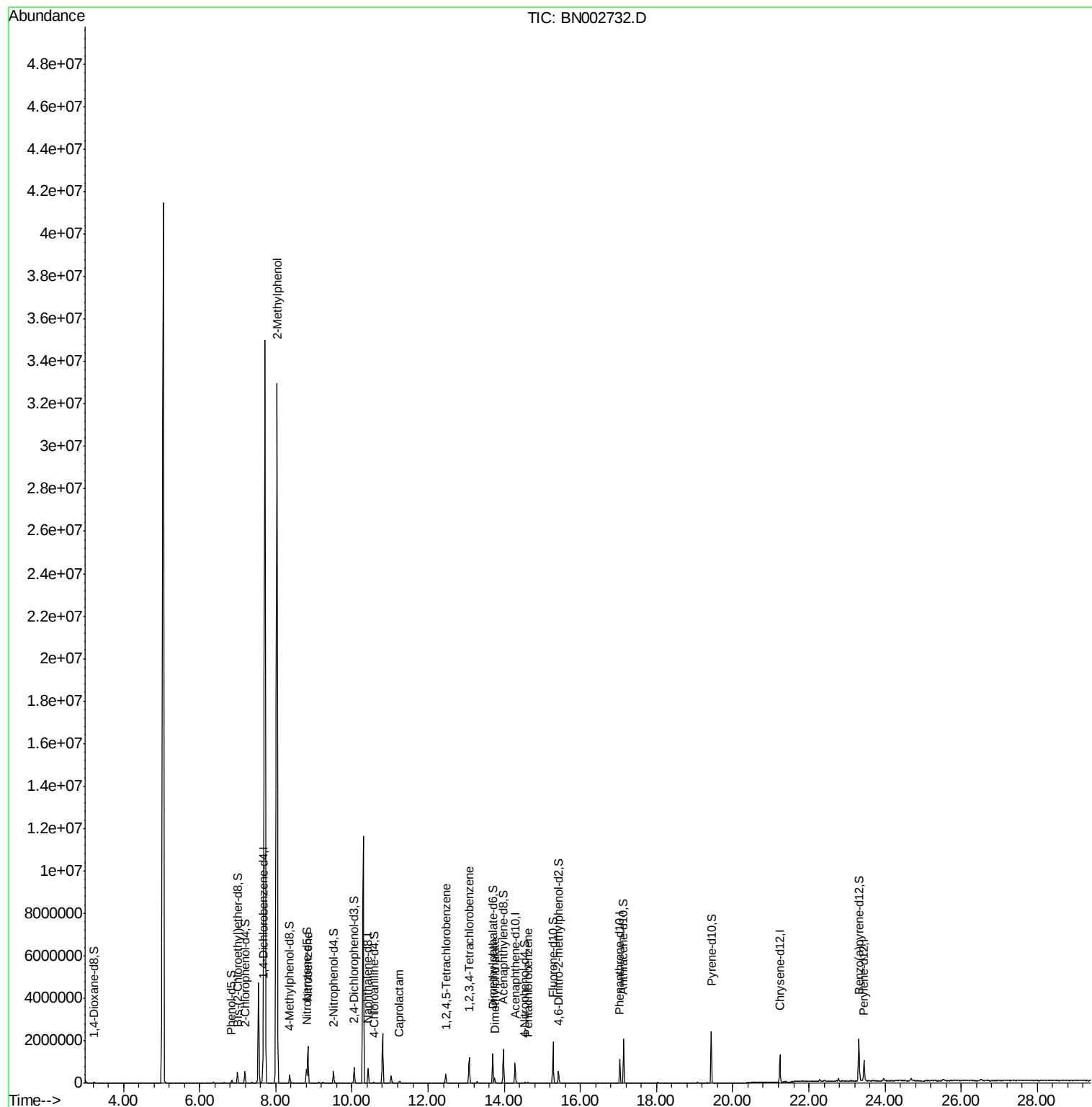
					Ovalue
11) 2-Methylphenol	8.04	108	156502	17.326	ng/ul 100
20) Nitrobenzene	8.85	77	960171	93.426	ng/ul 98
32) Caprolactam	11.25	113	7375	2.739	ng/ul# 1
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	162367	16.013	ng/ul 96
44) Dimethylphthalate	13.75	163	158681	6.805	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	369508	33.689	ng/uL 99
73) Pentachlorobenzene	14.62	250	13980	1.428	ng/uL 97

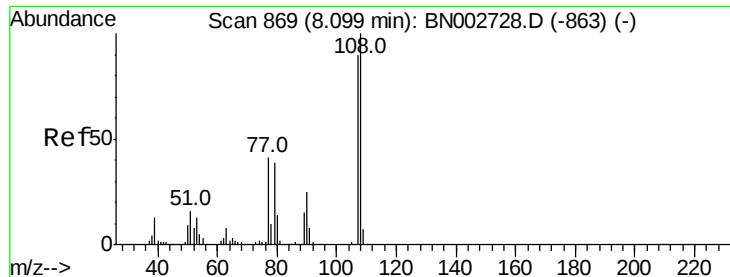
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 17.326 ng/ul

RT: 8.04 min Scan# 859

Delta R.T. -0.06 min

Lab File: BN002732.D

Acq: 17 Sep 2018 18:53

Instrument :

BNA_N

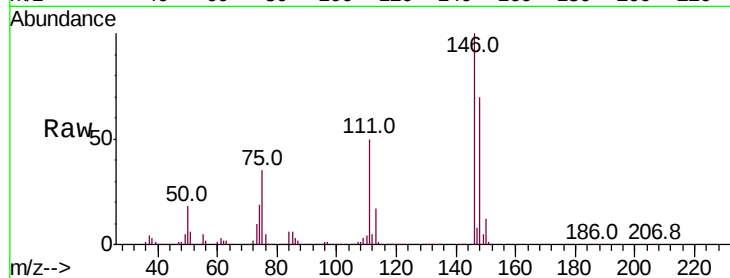
ClientSampleId :

Tot Ion:108 Resp: 156502

Ion Ratio Lower Upper

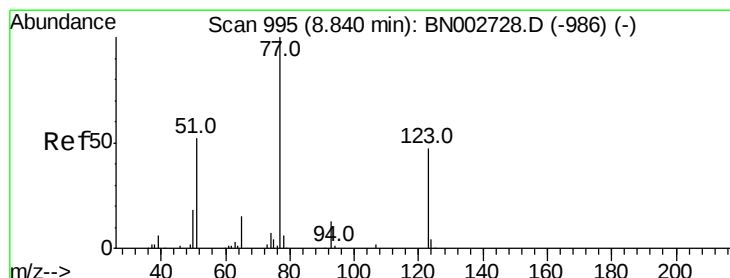
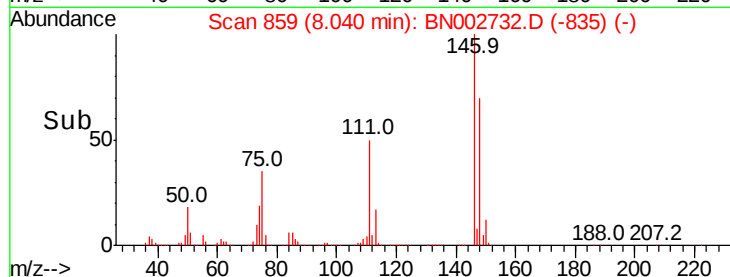
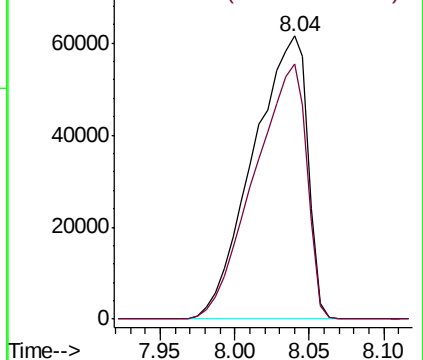
108 100

107 90.1 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 93.426 ng/ul

RT: 8.85 min Scan# 996

Delta R.T. 0.01 min

Lab File: BN002732.D

Acq: 17 Sep 2018 18:53

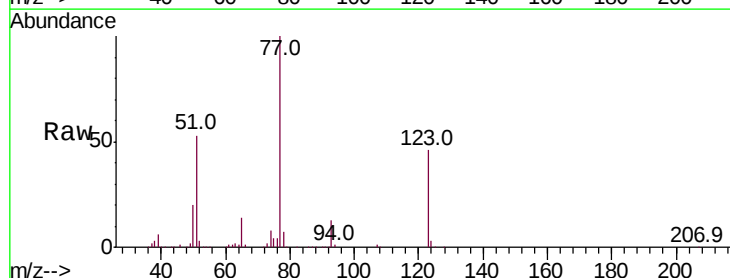
Tgt Ion: 77 Resp: 960171

Ion Ratio Lower Upper

77 100

123 46.4 35.8 53.8

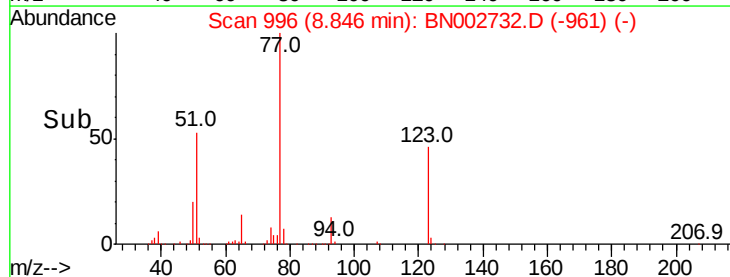
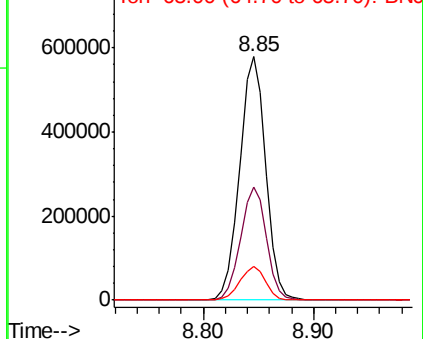
65 13.8 11.1 16.7

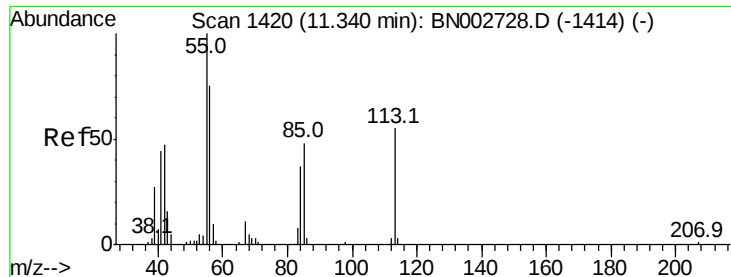


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#32

Caprolactam

Concen: 2.739 ng/ul

RT: 11.25 min Scan# 1404

Delta R.T. -0.09 min

Lab File: BN002732.D

Acq: 17 Sep 2018 18:53

Instrument :

BNA_N

ClientSampleId :

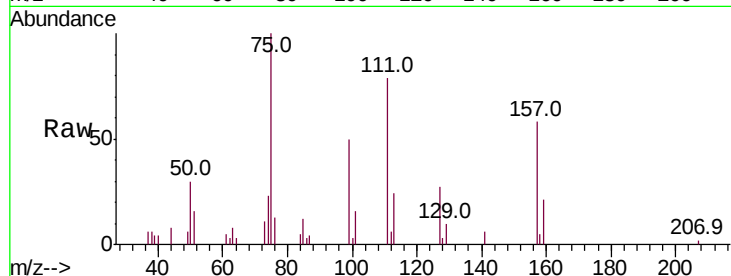
Tot Ion:113 Resp: 7375

Ion Ratio Lower Upper

113 100

55 0.0 137.0 205.4#

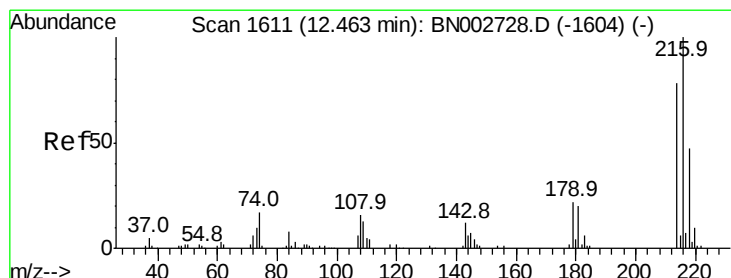
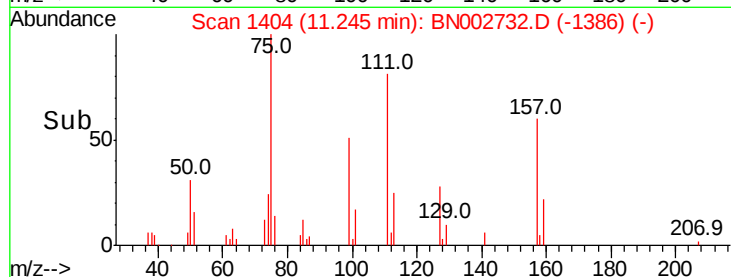
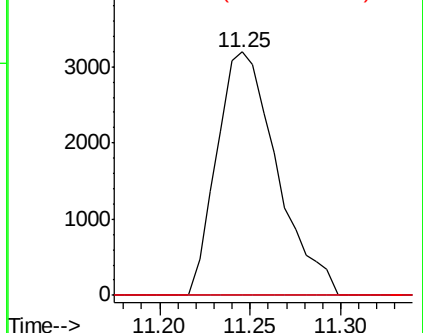
56 0.0 102.4 153.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

1,2,4,5-Tetrachlorobenzene

Concen: 16.013 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN002732.D

Acq: 17 Sep 2018 18:53

Tgt Ion:216 Resp: 162367

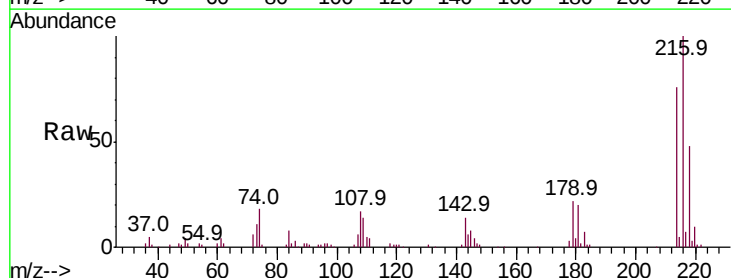
Ion Ratio Lower Upper

216 100

214 75.5 63.5 95.3

179 22.0 16.5 24.7

108 17.1 13.4 20.2

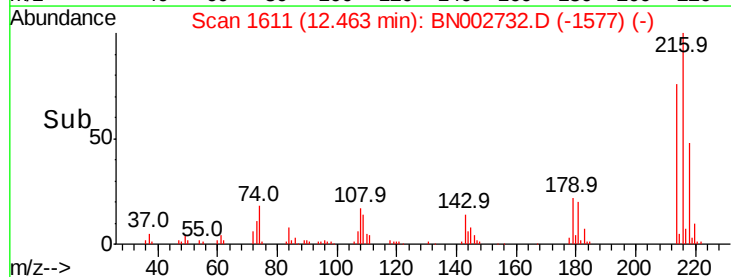
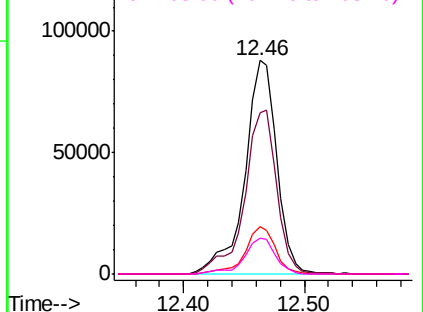


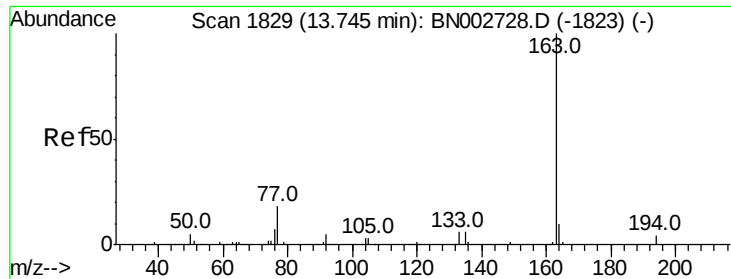
Abundance Ion 216.00 (215.70 to 216.70): E

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

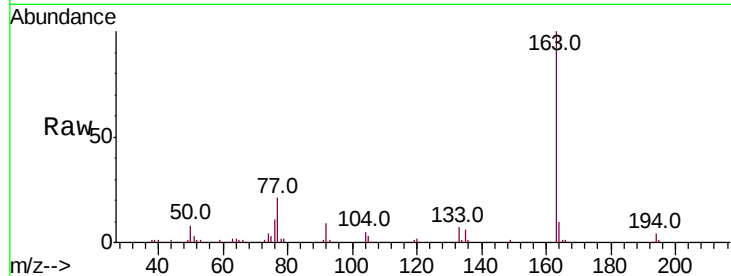




#44
 Dimethylphthalate
 Concen: 6.805 ng/uL
 RT: 13.75 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BN002732.D
 Acq: 17 Sep 2018 18:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.0	8.1	12.1

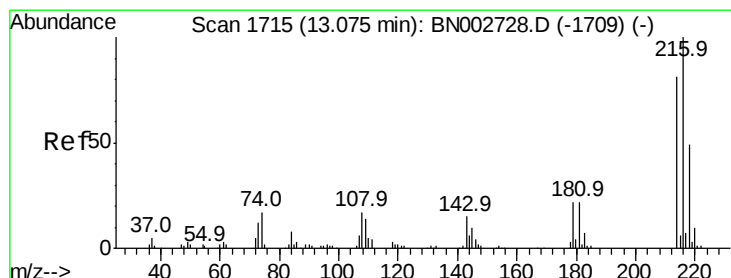
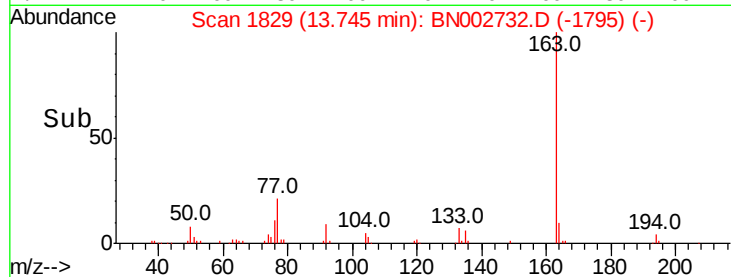
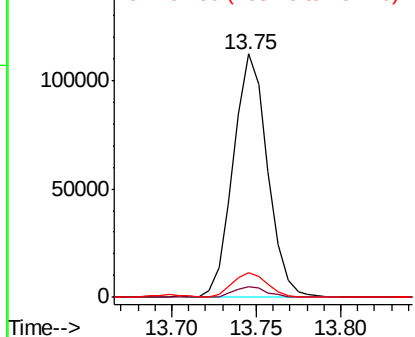


Abundance

Ion 163.00 (162.70 to 163.70): E

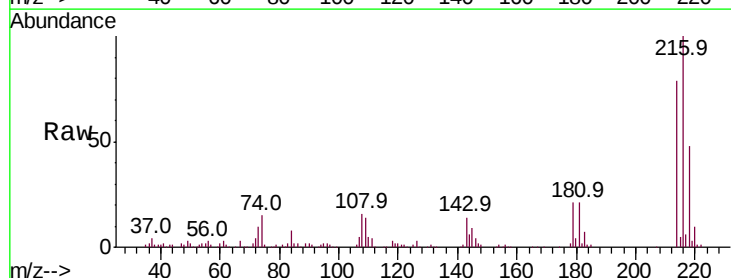
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 33.689 ng/uL
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BN002732.D
 Acq: 17 Sep 2018 18:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.9	94.3
218	48.3	37.8	56.6

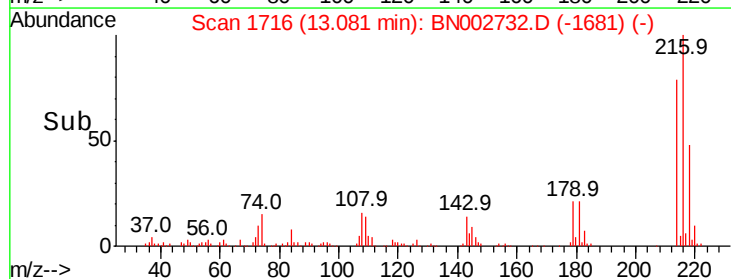
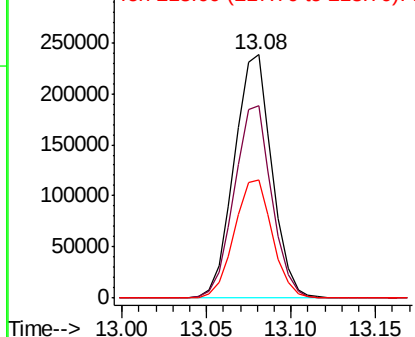


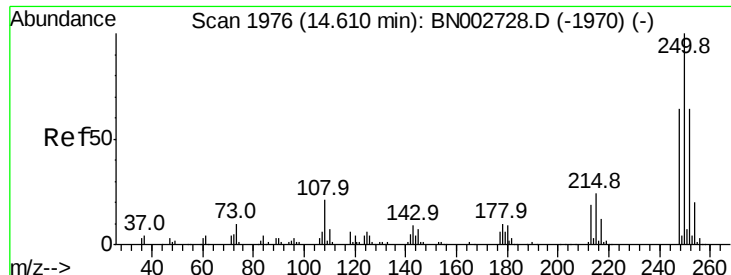
Abundance

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: 1.428 ng/uL

RT: 14.62 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BN002732.D

Acq: 17 Sep 2018 18:53

Instrument :

BNA_N

ClientSampleId :

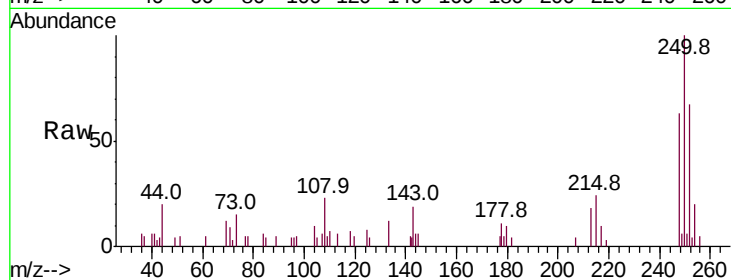
Tot Ion:250 Resp: 13980

Ion Ratio Lower Upper

250 100

248 63.1 49.1 73.7

252 66.7 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

