

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
 Data File : BM017755.D
 Acq On : 23 Nov 2018 11:17
 Operator : MJ/SJ
 Sample : J636-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0923

Quant Time: Nov 23 22:00:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 23 21:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	228501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1116107	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	689249	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1601576	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1780866	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1760267	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	4972	1.00	ng/uL	0.00
5) Phenol-d5	6.78	99	90196	4.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	267802	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	291422	17.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	189446	11.11	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	189789	22.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	216854	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	359310	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	7443	0.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1357594	22.70	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1611202	22.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	30419	2.80	ng/ul	0.02
57) Fluorene-d10	15.24	176	1163603	22.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	217457	18.99	ng/ul	0.00
70) Anthracene-d10	17.09	188	1809223	22.69	ng/ul	0.00
78) Pyrene-d10	19.39	212	2046470	23.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2167549	22.70	ng/ul	-0.01

Target Compounds

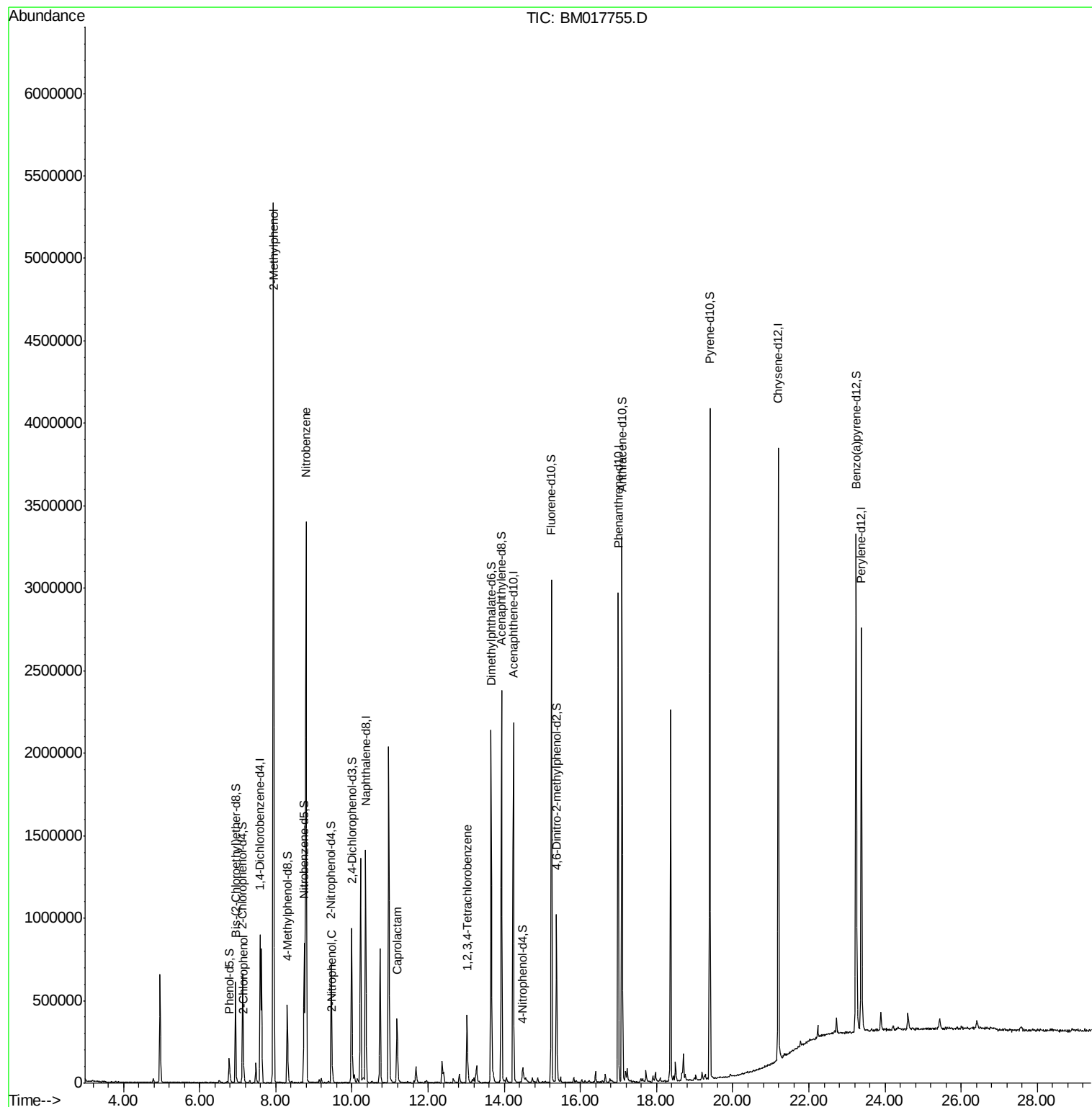
					Qvalue
10) 2-Chlorophenol	7.16	128	36352	2.228 ng/ul	96
11) 2-Methylphenol	7.93	108	17502	1.101 ng/ul	96
20) Nitrobenzene	8.79	77	1834760	85.269 ng/ul	97
23) 2-Nitrophenol	9.49	139	16512	1.615 ng/ul	97
32) Caprolactam	11.19	113	32949	5.641 ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	127403	5.613 ng/uL	99

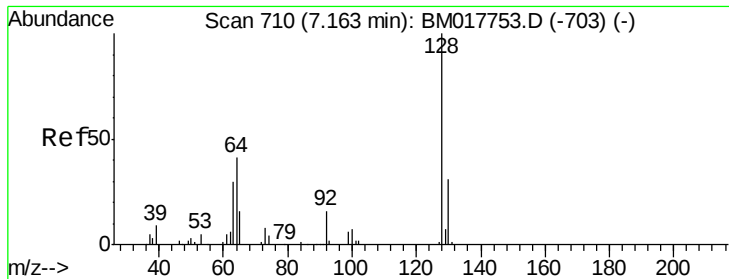
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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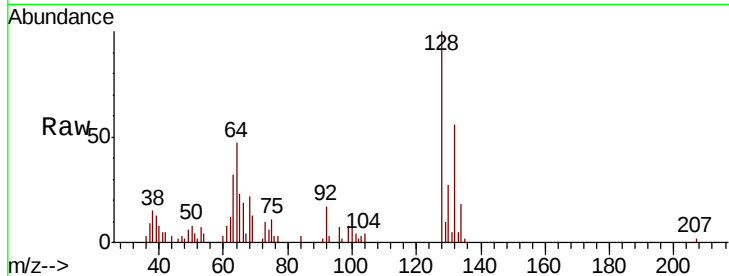




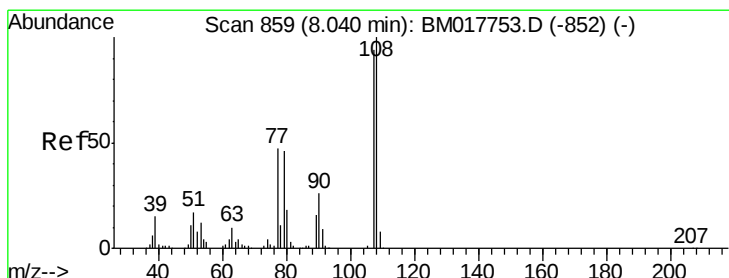
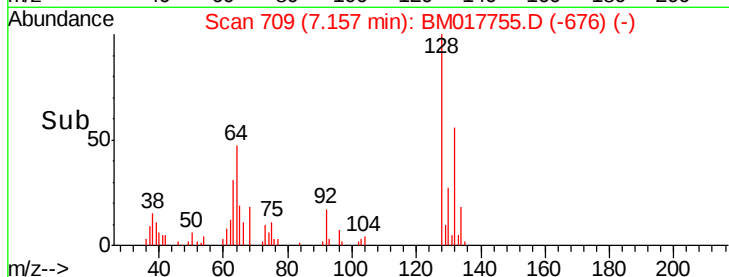
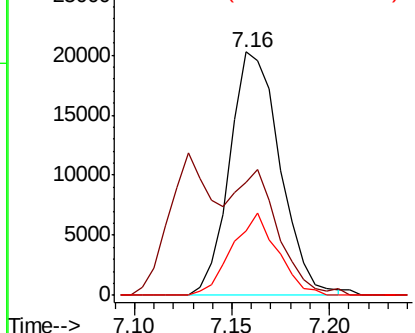
#10
2-Chlorophenol
Concen: 2.228 ng/ul
RT: 7.16 min Scan# 709
Delta R.T. -0.01 min
Lab File: BM017755.D
Acq: 23 Nov 2018 11:17

Instrument :
BNA_M
ClientSampleId :
C0923

Tgt Ion:128 Resp: 36352
Ion Ratio Lower Upper
128 100
64 46.5 36.8 55.2
130 26.5 25.0 37.4

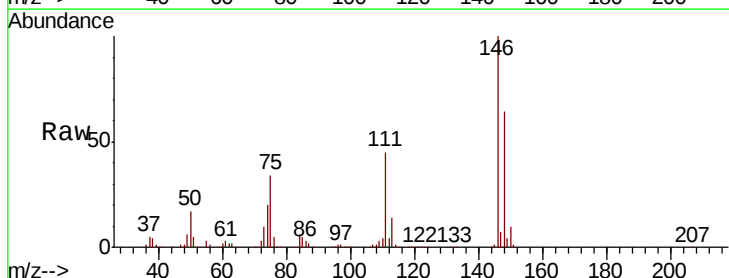


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

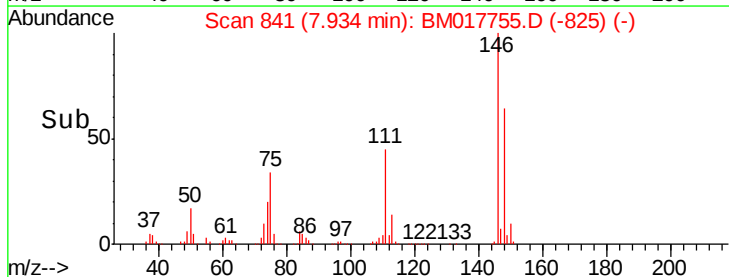
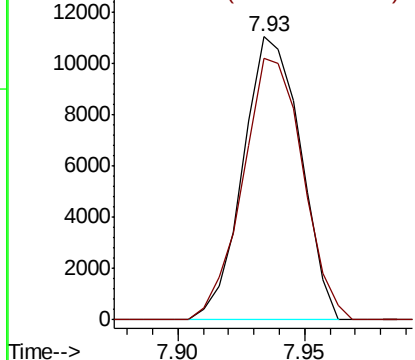


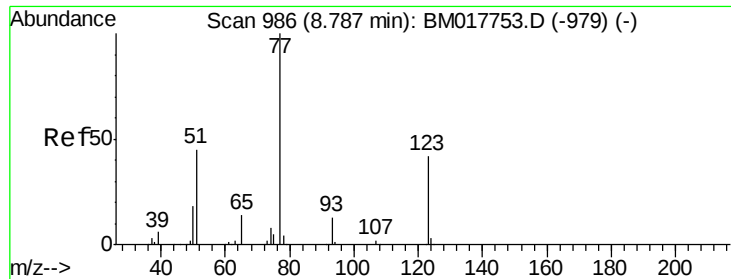
#11
2-Methylphenol
Concen: 1.101 ng/ul
RT: 7.93 min Scan# 841
Delta R.T. -0.11 min
Lab File: BM017755.D
Acq: 23 Nov 2018 11:17

Tgt Ion:108 Resp: 17502
Ion Ratio Lower Upper
108 100
107 92.6 70.8 106.2



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

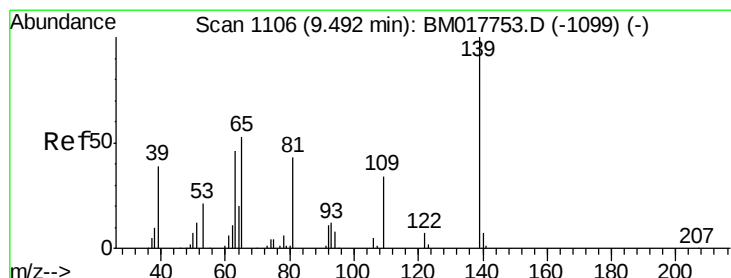
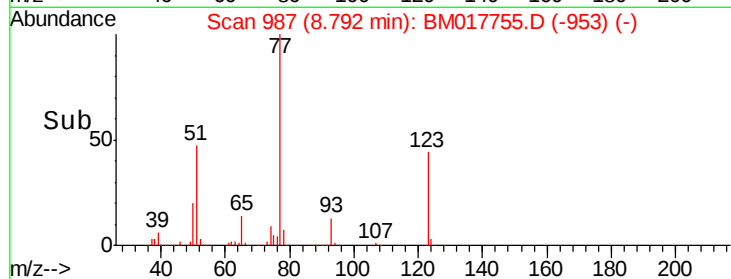
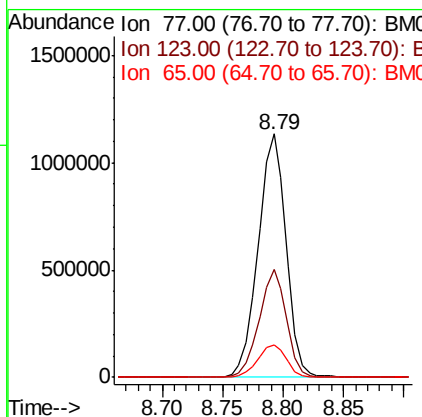
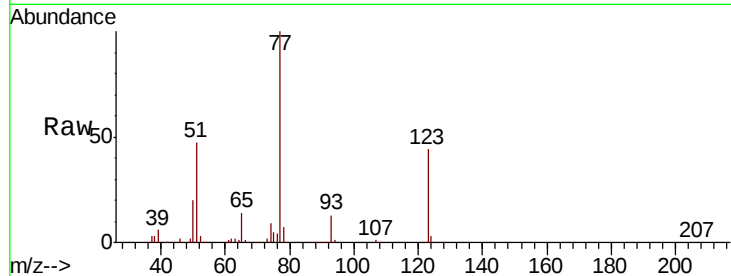




#20
Nitrobenzene
Concen: 85.269 ng/ul
RT: 8.79 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM017755.D
Acq: 23 Nov 2018 11:17

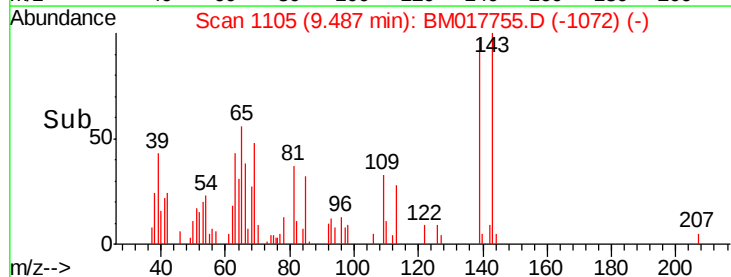
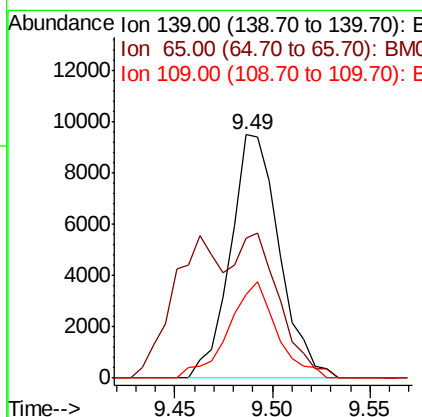
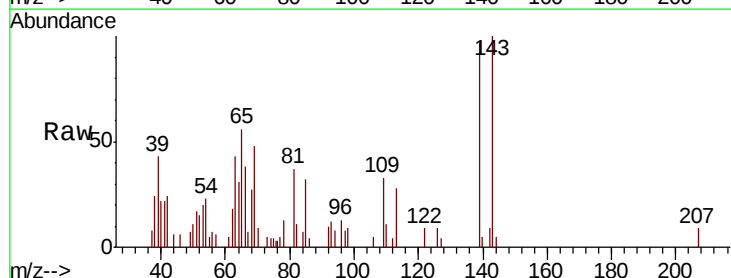
Instrument :
BNA_M
ClientSampled :
C0923

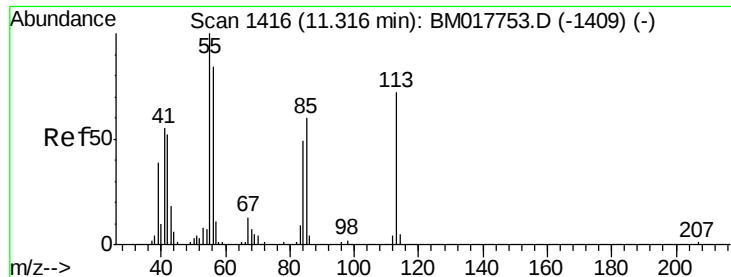
Tgt Ion: 77 Resp: 1834760
Ion Ratio Lower Upper
77 100
123 44.1 33.1 49.7
65 13.5 11.0 16.6



#23
2-Nitrophenol
Concen: 1.615 ng/ul
RT: 9.49 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM017755.D
Acq: 23 Nov 2018 11:17

Tgt Ion: 139 Resp: 16512
Ion Ratio Lower Upper
139 100
65 57.7 44.2 66.4
109 34.4 26.4 39.6





#32

Caprolactam

Concen: 5.641 ng/ul

RT: 11.19 min Scan# 1394

Delta R.T. -0.14 min

Lab File: BM017755.D

Acq: 23 Nov 2018 11:17

Instrument :

BNA_M

ClientSampled :

C0923

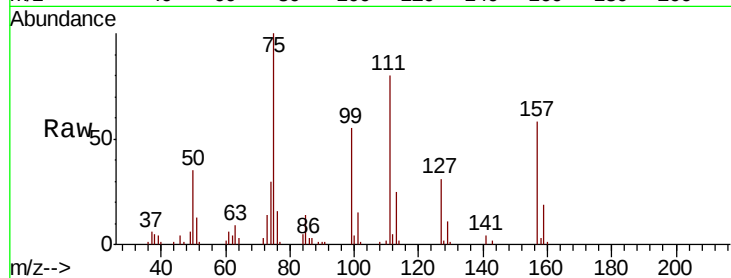
Tgt Ion:113 Resp: 32949

Ion Ratio Lower Upper

113 100

55 0.0 110.6 166.0#

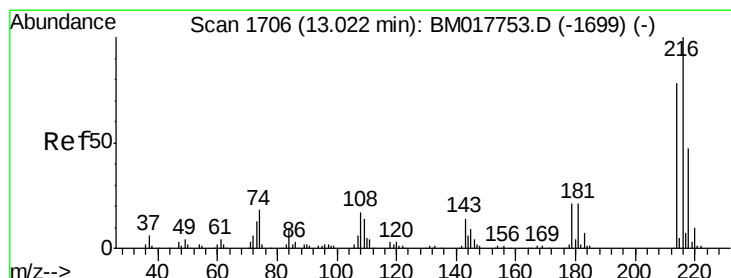
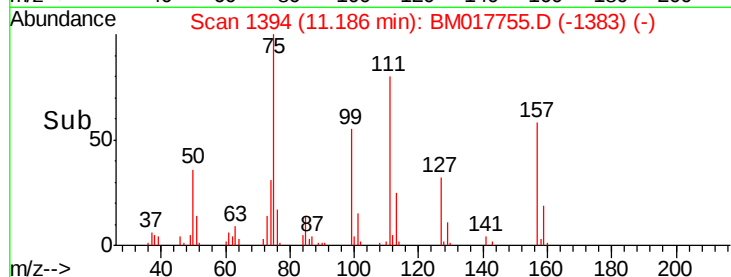
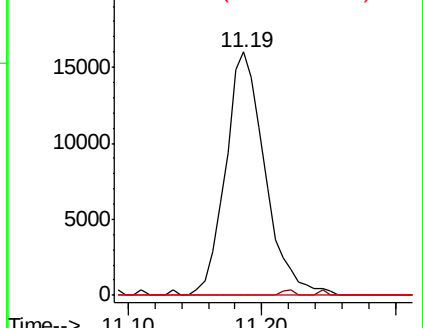
56 0.0 88.2 132.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#72

1,2,3,4-Tetrachlorobenzene

Concen: 5.613 ng/uL

RT: 13.02 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BM017755.D

Acq: 23 Nov 2018 11:17

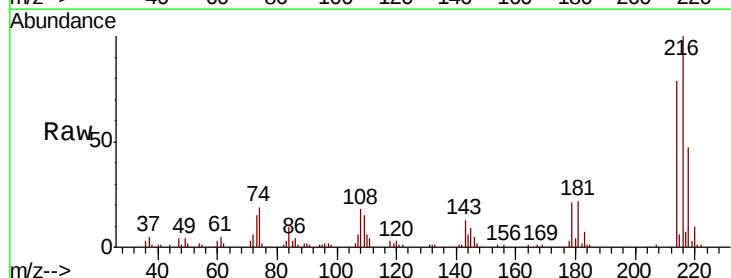
Tgt Ion:216 Resp: 127403

Ion Ratio Lower Upper

216 100

214 78.9 62.2 93.4

218 47.3 37.9 56.9



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

