

Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CD8

Quant Time: Aug 26 01:37:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	87836	20.00	ng/ul	0.05
18) Naphthalene-d8	10.35	136	200755	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.21	164	130808	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	293226	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	255421	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	260854	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4055	2.07	ng/uL	0.00
5) Phenol-d5	6.76	99	22606	2.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	66009	14.97	ng/ul	0.02
9) 2-Chlorophenol-d4	7.10	132	75265	12.30	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	51538	7.84	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	50138	33.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	59667	34.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	100033	28.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	7038	1.63	ng/ul	0.01
43) Dimethylphthalate-d6	13.63	166	361490	31.38	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	395626	31.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	8593	5.04	ng/ul	0.05
57) Fluorene-d10	15.21	176	309232	32.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	56691	25.06	ng/ul	0.00
70) Anthracene-d10	17.07	188	515546	33.20	ng/ul	0.00
78) Pyrene-d10	19.38	212	604607	45.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	481673	33.61	ng/ul	0.00

Target Compounds

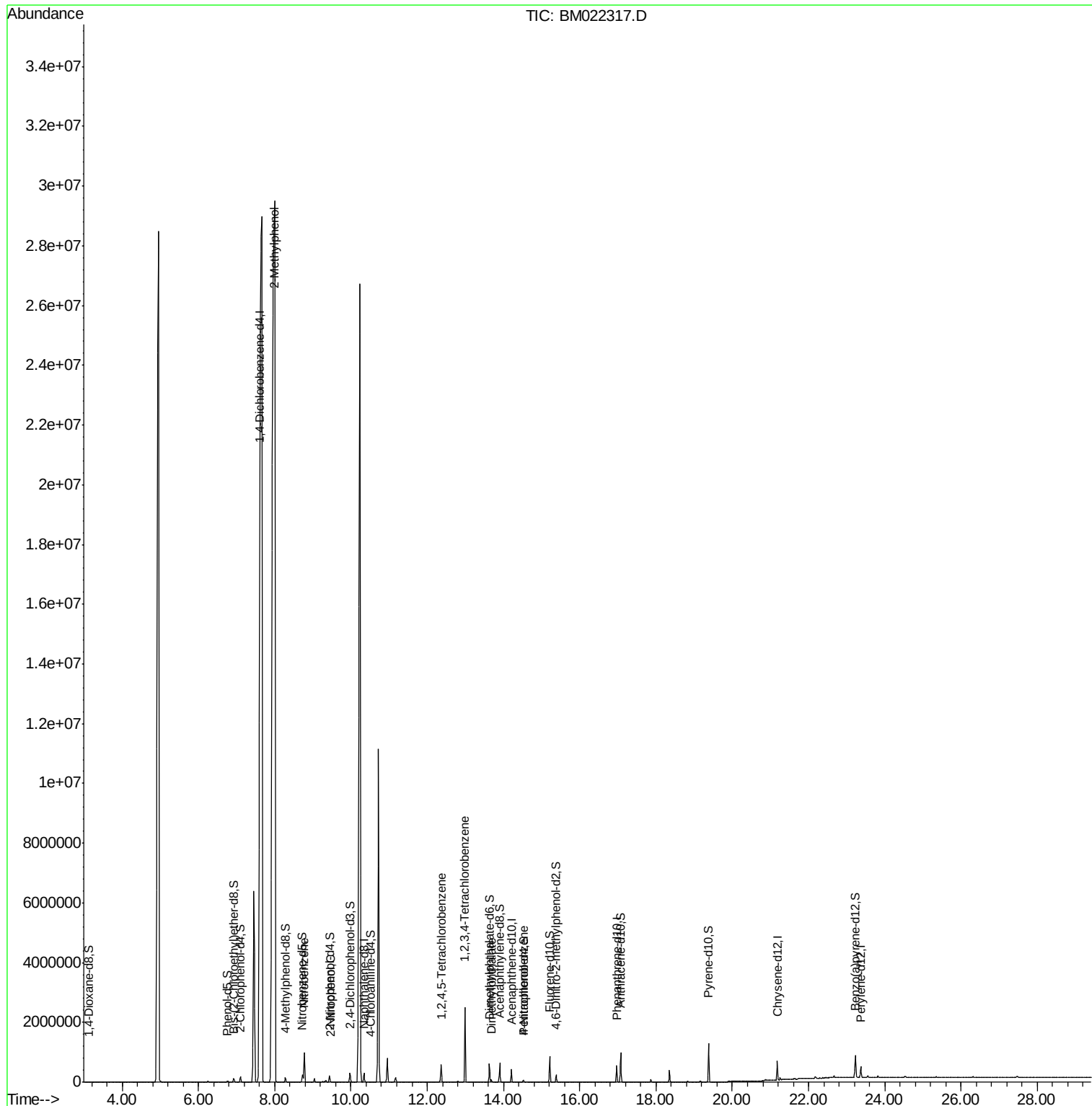
						Qvalue
11) 2-Methylphenol	8.00	108	315345	49.331	ng/ul	90
20) Nitrobenzene	8.77	77	479343	108.743	ng/ul	97
23) 2-Nitrophenol	9.47	139	2651	1.385	ng/ul#	84
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	166149	30.713	ng/ul	99
44) Dimethylphthalate	13.68	163	57163	4.877	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	695205	133.292	ng/uL	97
73) Pentachlorobenzene	14.53	250	14840	2.623	ng/uL	95

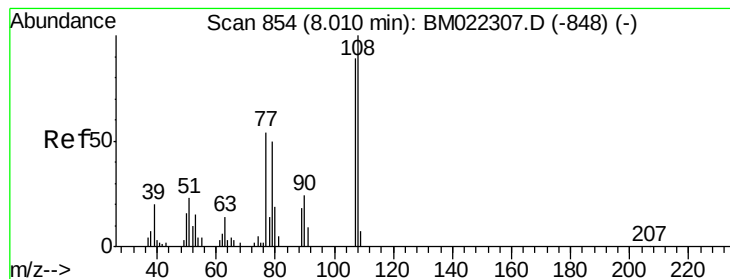
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 49.331 ng/ul

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

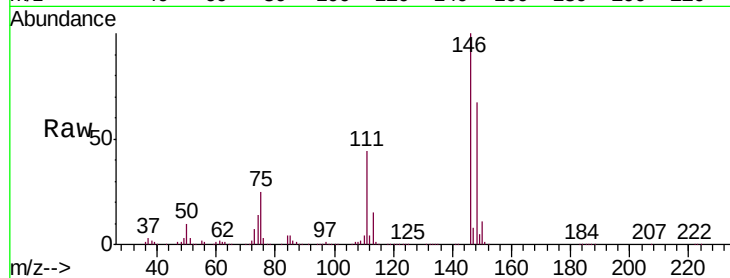
C0CD8

Tgt Ion: 108 Resp: 315345

Ion Ratio Lower Upper

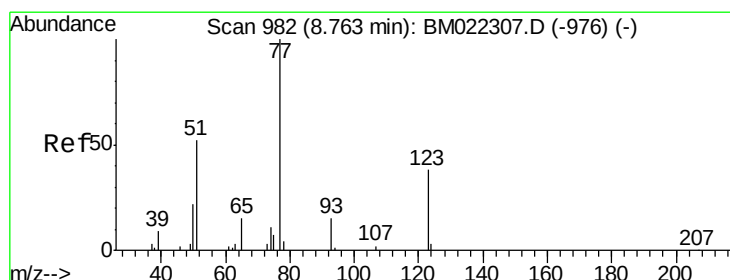
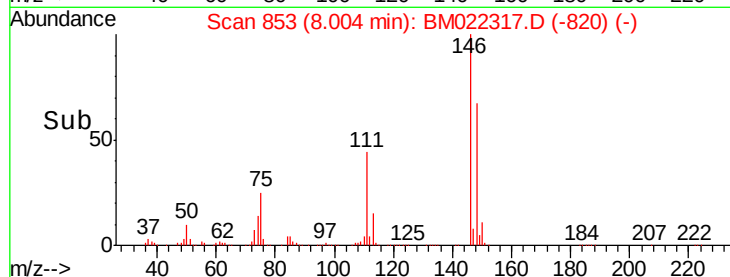
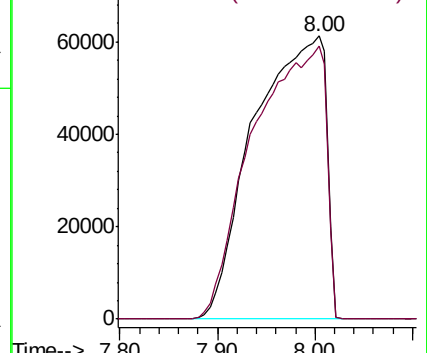
108 100

107 96.6 70.1 105.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 108.743 ng/ul

RT: 8.77 min Scan# 984

Delta R.T. 0.01 min

Lab File: BM022317.D

Acq: 25 Aug 2019 06:38

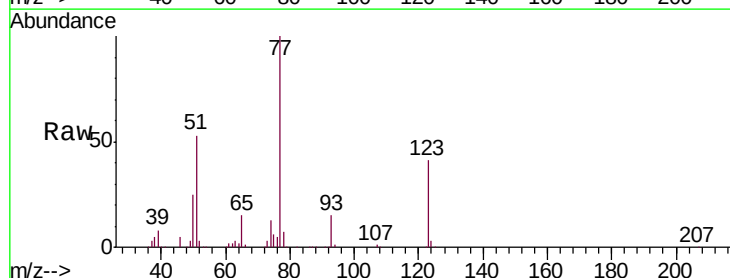
Tgt Ion: 77 Resp: 479343

Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.4

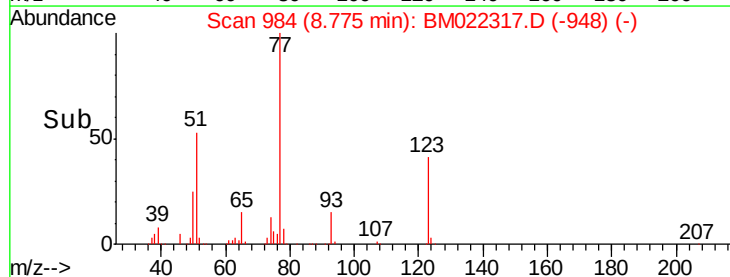
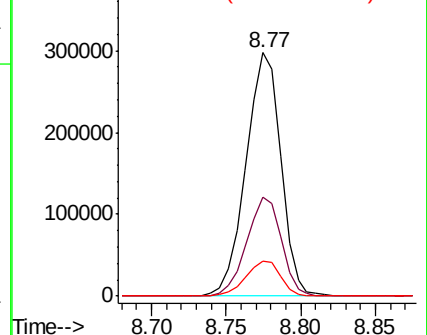
65 14.5 12.2 18.2

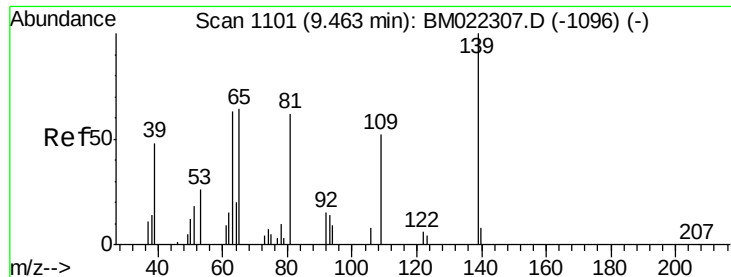


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

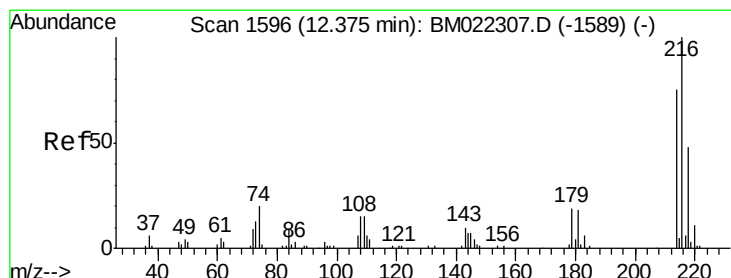
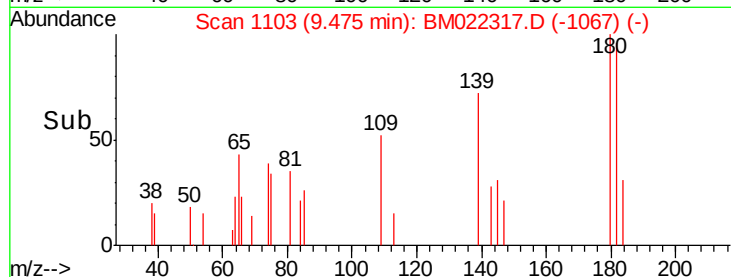
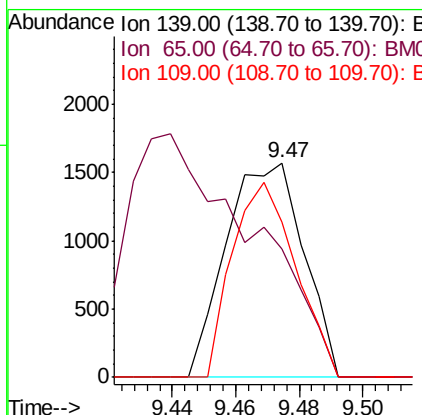
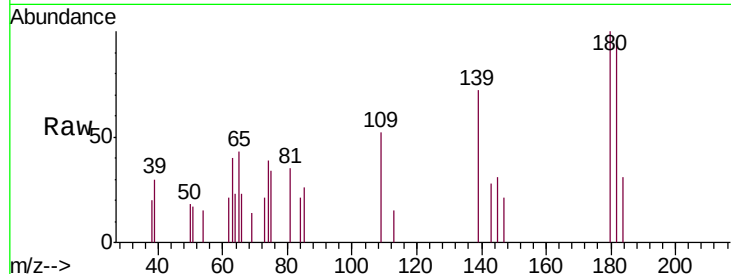




#23
 2-Nitrophenol
 Concen: 1.385 ng/ul
 RT: 9.47 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BM022317.D
 Acq: 25 Aug 2019 06:38

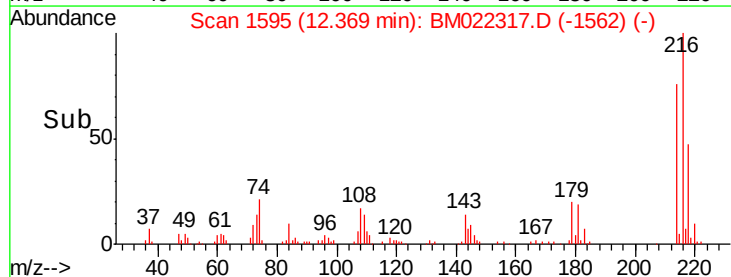
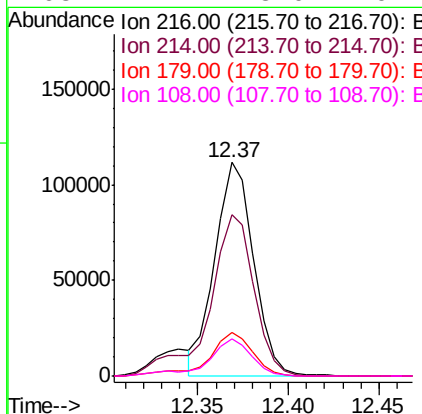
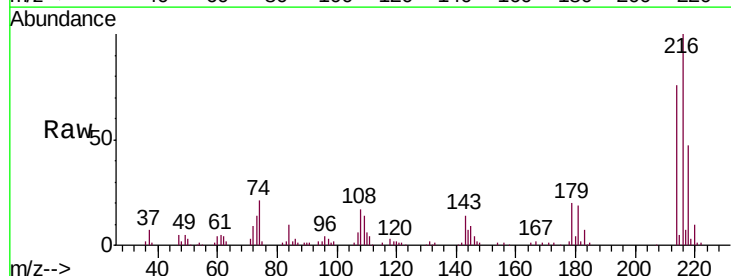
Instrument :
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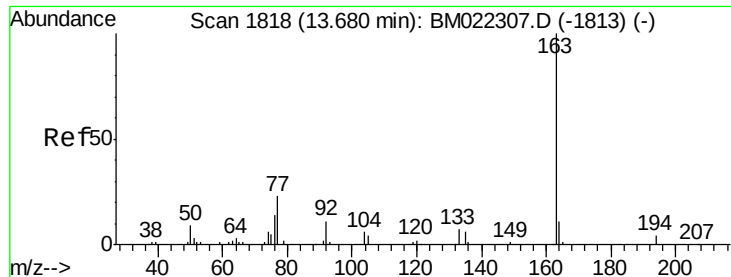
Tgt Ion:139 Resp: 2651
 Ion Ratio Lower Upper
 139 100
 65 59.8 48.9 73.3
 109 72.4 39.7 59.5#



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.713 ng/ul
 RT: 12.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BM022317.D
 Acq: 25 Aug 2019 06:38

Tgt Ion:216 Resp: 166149
 Ion Ratio Lower Upper
 216 100
 214 75.5 61.0 91.4
 179 20.3 16.7 25.1
 108 17.4 13.0 19.4





#44

Dimethylphthalate

Concen: 4.877 ng/uL

RT: 13.68 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM022317.D

Acq: 25 Aug 2019 06:38

Instrument :

BNA_M

ClientSampled :

C0CD8

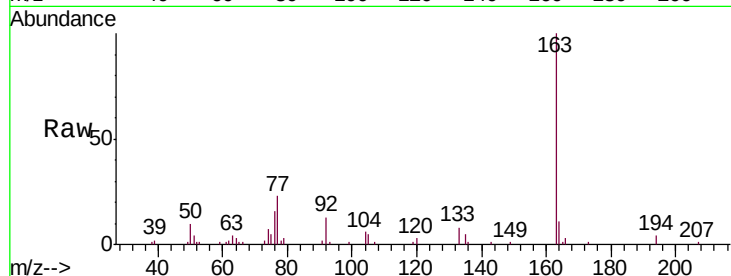
Tgt Ion:163 Resp: 57163

Ion Ratio Lower Upper

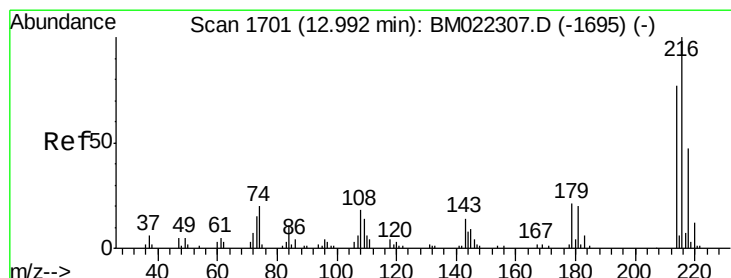
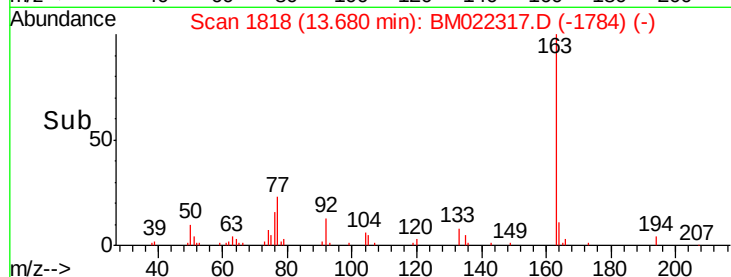
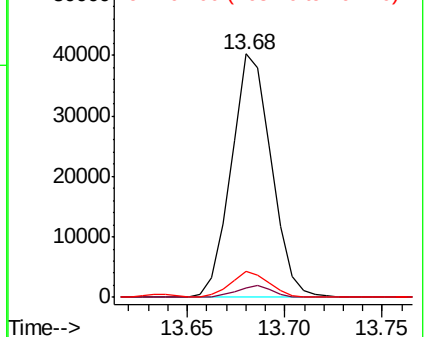
163 100

194 3.9 3.0 4.6

164 10.9 7.8 11.8



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: 133.292 ng/uL

RT: 12.99 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BM022317.D

Acq: 25 Aug 2019 06:38

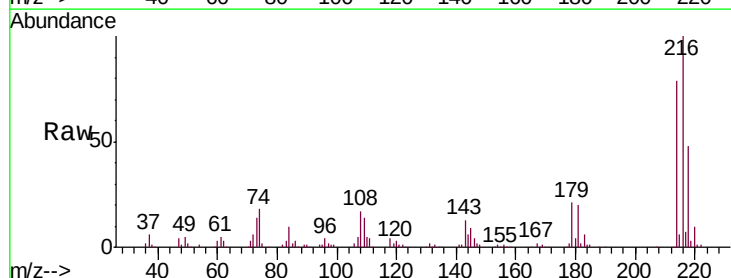
Tgt Ion:216 Resp: 695205

Ion Ratio Lower Upper

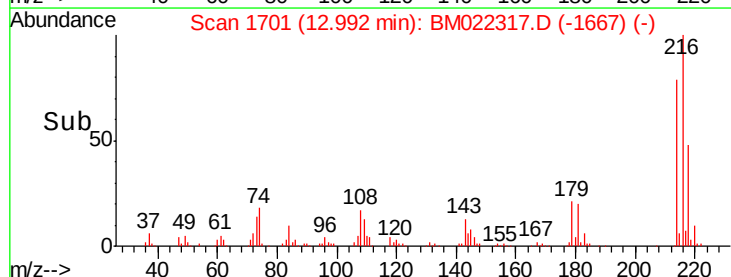
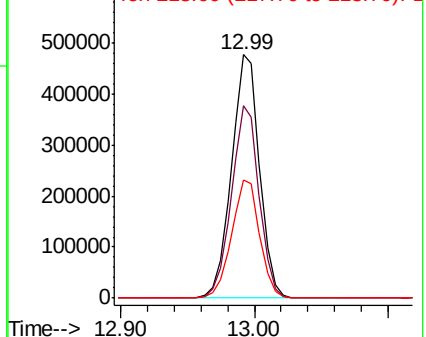
216 100

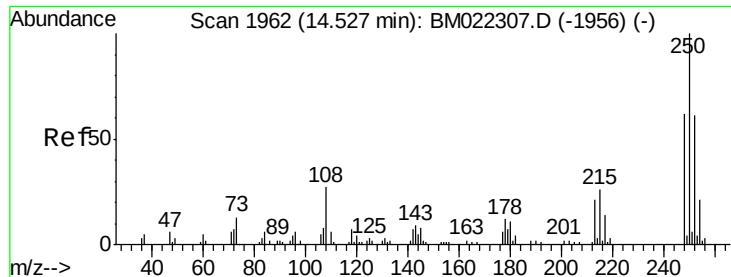
214 79.3 61.5 92.3

218 48.4 37.1 55.7



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: 2.623 ng/uL

RT: 14.53 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BM022317.D

Acq: 25 Aug 2019 06:38

Instrument :

BNA_M

ClientSampleId :

C0CD8

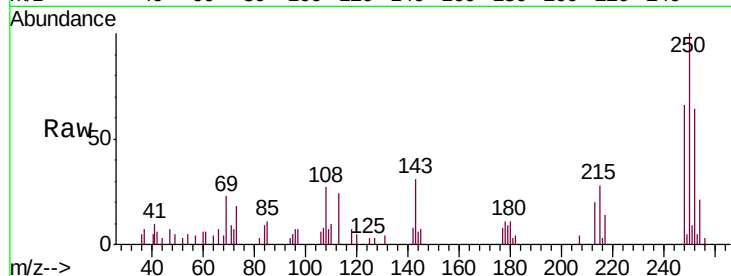
Tgt Ion:250 Resp: 14840

Ion Ratio Lower Upper

250 100

248 66.3 50.3 75.5

252 69.0 51.7 77.5



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

