

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021483.D
 Acq On : 17 Jul 2019 00:42
 Operator : HP/JU
 Sample : K3787-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C93

Quant Time: Jul 17 10:58:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	199069	20.00	ng/ul	0.04
18) Naphthalene-d8	10.53	136	850360	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.37	164	494181	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1144862	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	997520	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1088425	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	24127	5.97	ng/uL	0.00
5) Phenol-d5	6.90	99	108639	7.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	296152	32.27	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	353200	26.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	215368	17.47	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	221140	31.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	251751	31.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	446601	28.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	38625	2.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1471626	34.00	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1696393	31.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	31769	4.63	ng/ul	0.00
57) Fluorene-d10	15.36	176	1267424	32.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	199480	25.92	ng/ul	0.00
70) Anthracene-d10	17.22	188	1984879	33.38	ng/ul	-0.01
78) Pyrene-d10	19.52	212	2132015	38.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	2152317	34.38	ng/ul	0.00

Target Compounds

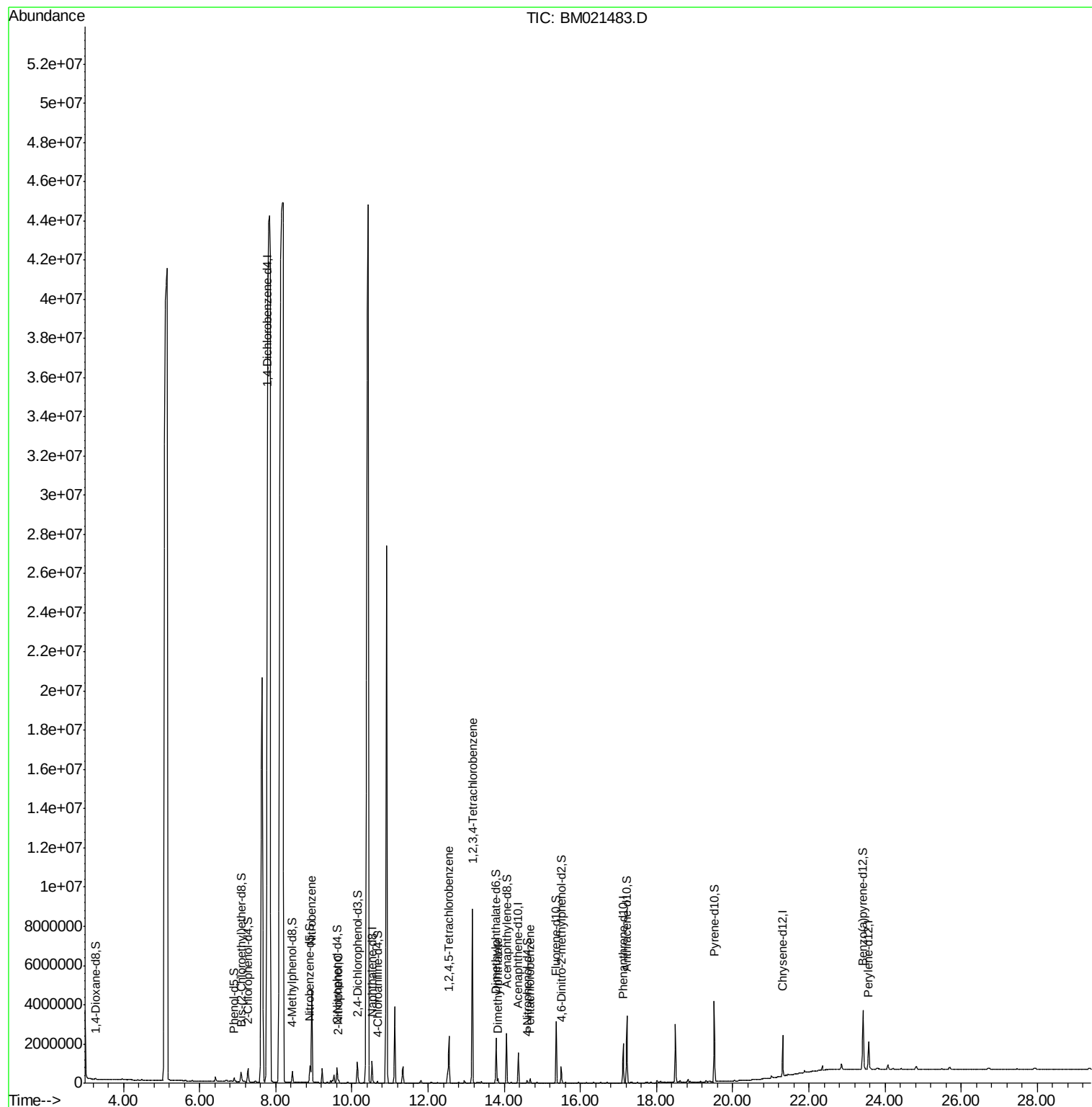
					Ovalue	
20) Nitrobenzene	8.95	77	2739135	174.588	ng/ul	96
23) 2-Nitrophenol	9.64	139	25207	3.196	ng/ul#	93
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	788628	41.033	ng/ul	98
44) Dimethylphthalate	13.83	163	132585	3.290	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	2941230	156.719	ng/uL	100
73) Pentachlorobenzene	14.68	250	67246	3.478	ng/uL	98

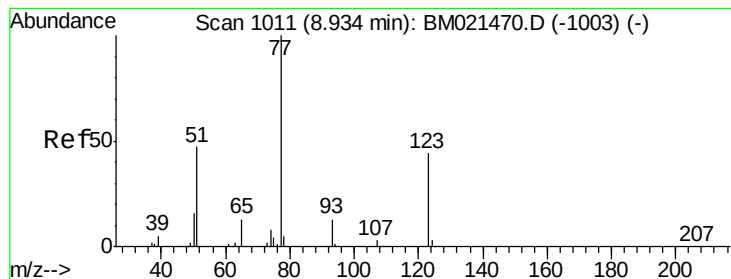
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 174.588 ng/ul

RT: 8.95 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

Instrument :

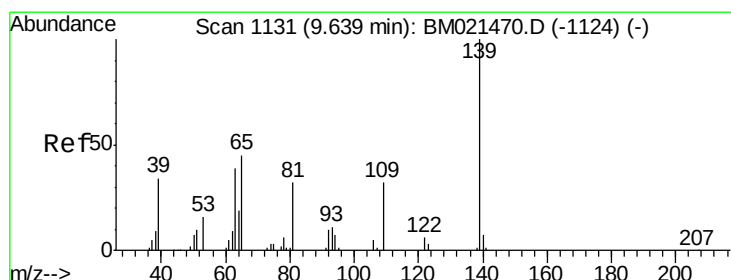
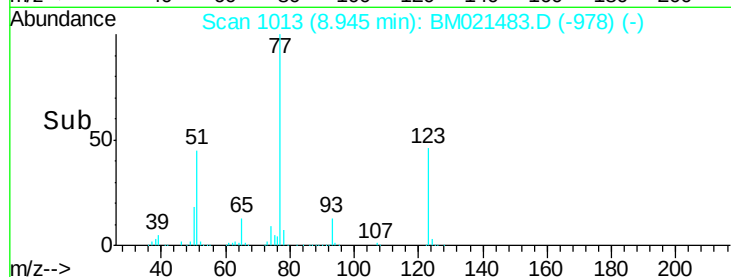
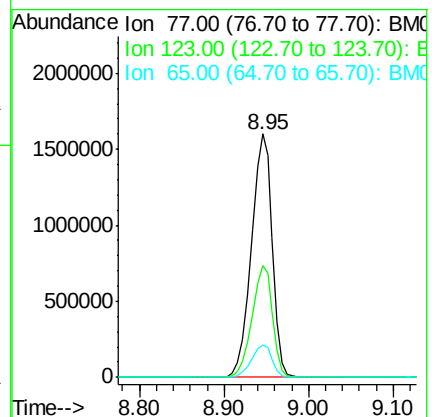
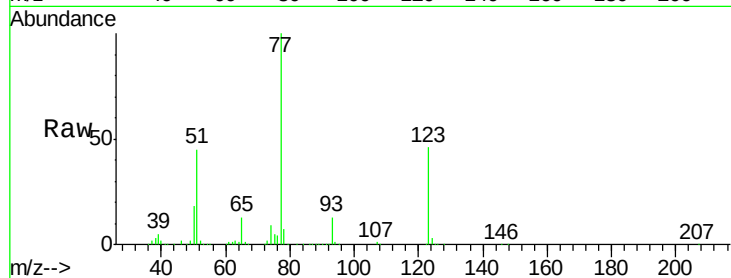
BNA_M

ClientSampleId :

C0C93

Tot Ion: 77 Resp: 2739135

Ion	Ratio	Lower	Upper
77	100		
123	45.8	34.3	51.5
65	13.5	10.5	15.7



#23

2-Nitrophenol

Concen: 3.196 ng/ul

RT: 9.64 min Scan# 1131

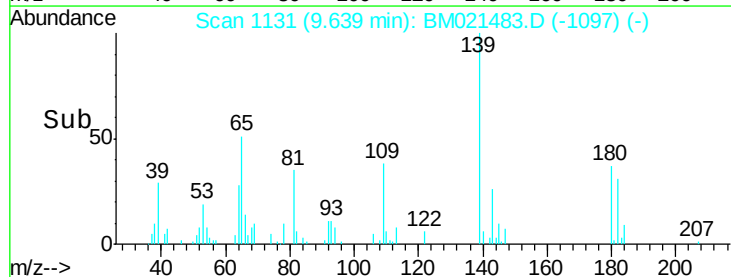
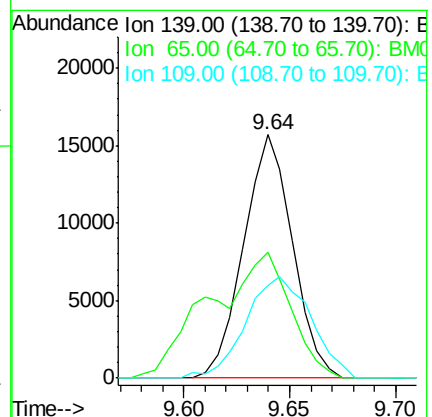
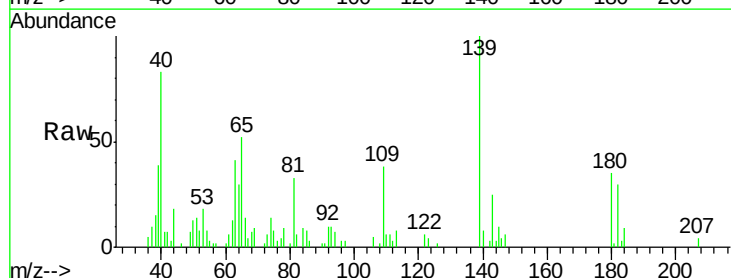
Delta R.T. 0.00 min

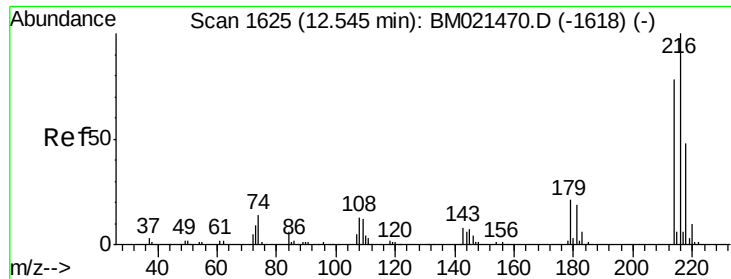
Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

Tgt Ion: 139 Resp: 25207

Ion	Ratio	Lower	Upper
139	100		
65	51.8	40.2	60.4
109	37.9	23.2	34.8#

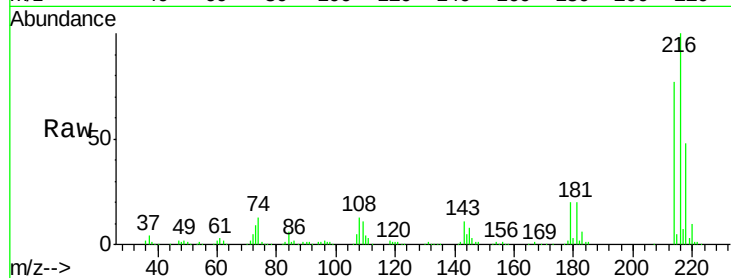




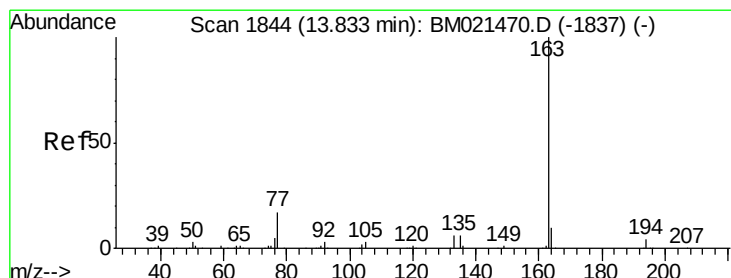
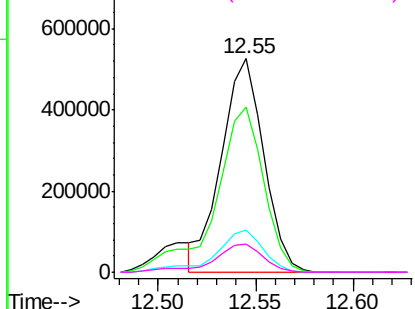
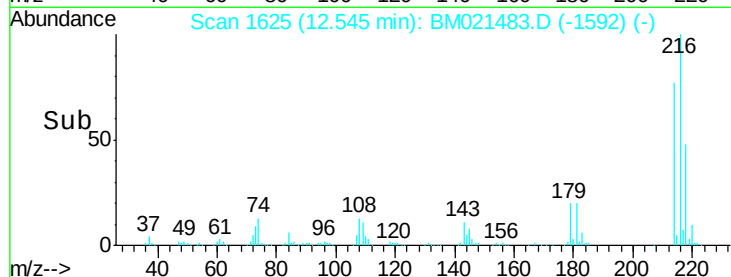
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.033 ng/ul
 RT: 12.55 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM021483.D
 Acq: 17 Jul 2019 00:42

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:216	Resp:	788628
Ion	Ratio	Lower Upper
216	100	
214	77.2	62.9 94.3
179	19.8	16.2 24.2
108	13.1	11.2 16.8

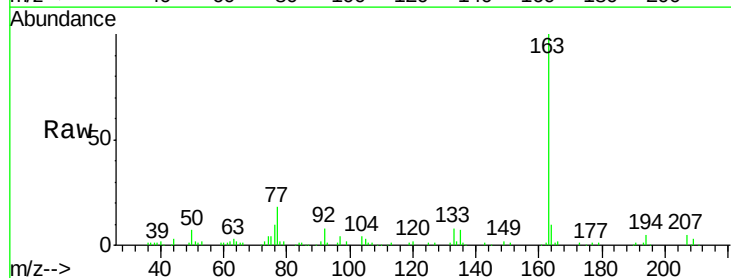


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

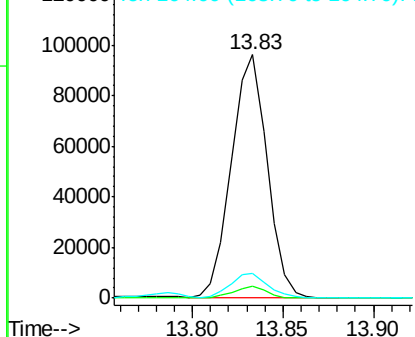
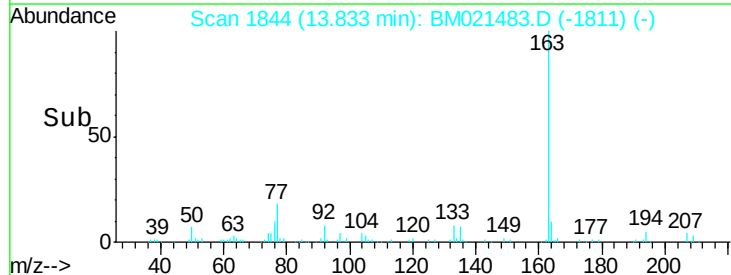


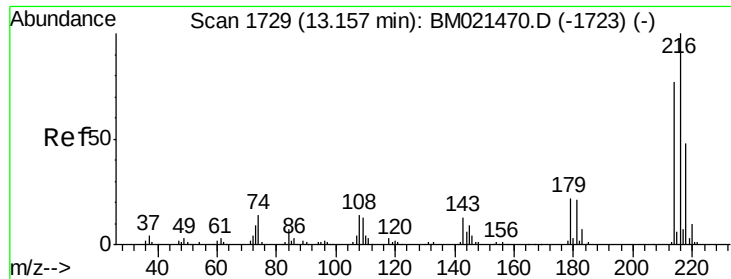
#44
 Dimethylphthalate
 Concen: 3.290 ng/ul
 RT: 13.83 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BM021483.D
 Acq: 17 Jul 2019 00:42

Tgt Ion:163	Resp:	132585
Ion	Ratio	Lower Upper
163	100	
194	4.8	3.6 5.4
164	10.2	8.3 12.5



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: 156.719 ng/uL

RT: 13.16 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

Instrument :

BNA_M

ClientSampleId :

C0C93

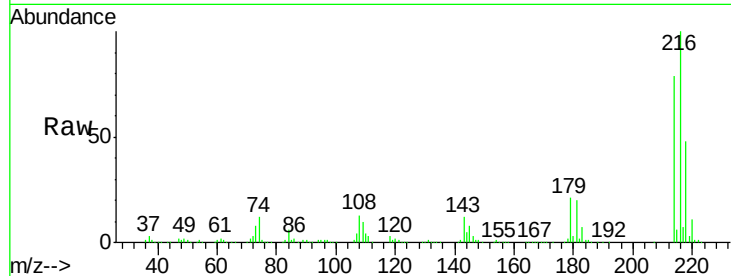
Tot Ion:216 Resp: 2941230

Ion Ratio Lower Upper

216 100

214 78.7 63.1 94.7

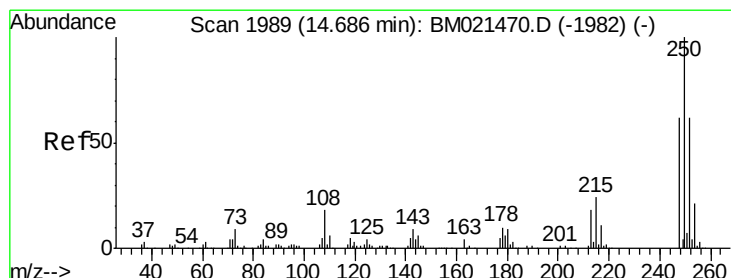
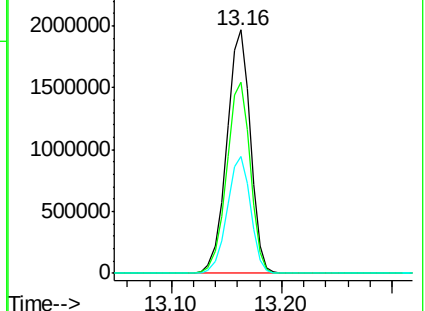
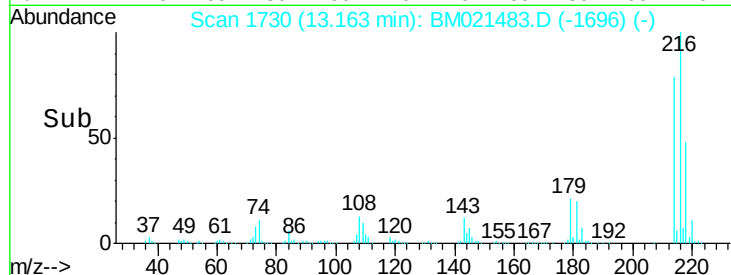
218 48.2 38.8 58.2



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: 3.478 ng/uL

RT: 14.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

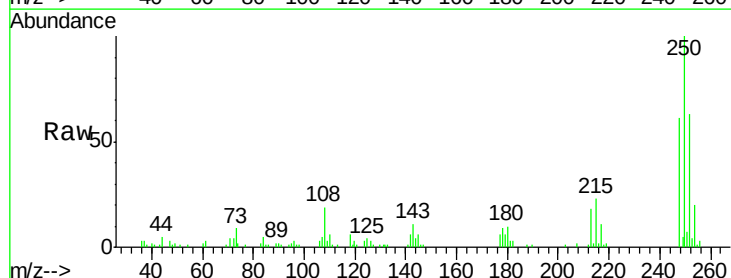
Tgt Ion:250 Resp: 67246

Ion Ratio Lower Upper

250 100

248 61.2 50.4 75.6

252 62.7 51.0 76.6



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

