

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019476.D
 Acq On : 26 Mar 2019 18:39
 Operator : JU/SJ
 Sample : K2069-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D8

Quant Time: Mar 27 03:41:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	189208	20.00	ng/ul	0.04
18) Naphthalene-d8	10.39	136	691531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	368945	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	766597	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	739376	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	810593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	16313	3.38	ng/uL	0.00
5) Phenol-d5	6.79	99	107714	6.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	304137	26.96	ng/ul	0.01
9) 2-Chlorophenol-d4	7.14	132	321549	25.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	199640	15.79	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	185398	37.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	209421	38.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	345677	33.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	34097	2.74	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	1075248	36.12	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1369831	36.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	11311	2.42	ng/ul	0.04
58) Fluorene-d10	15.26	176	927845	36.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	156777	30.93	ng/ul	0.00
71) Anthracene-d10	17.12	188	1406144	38.22	ng/ul	0.00
79) Pyrene-d10	19.42	212	1441933	42.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1538815	35.81	ng/ul	0.00

Target Compounds

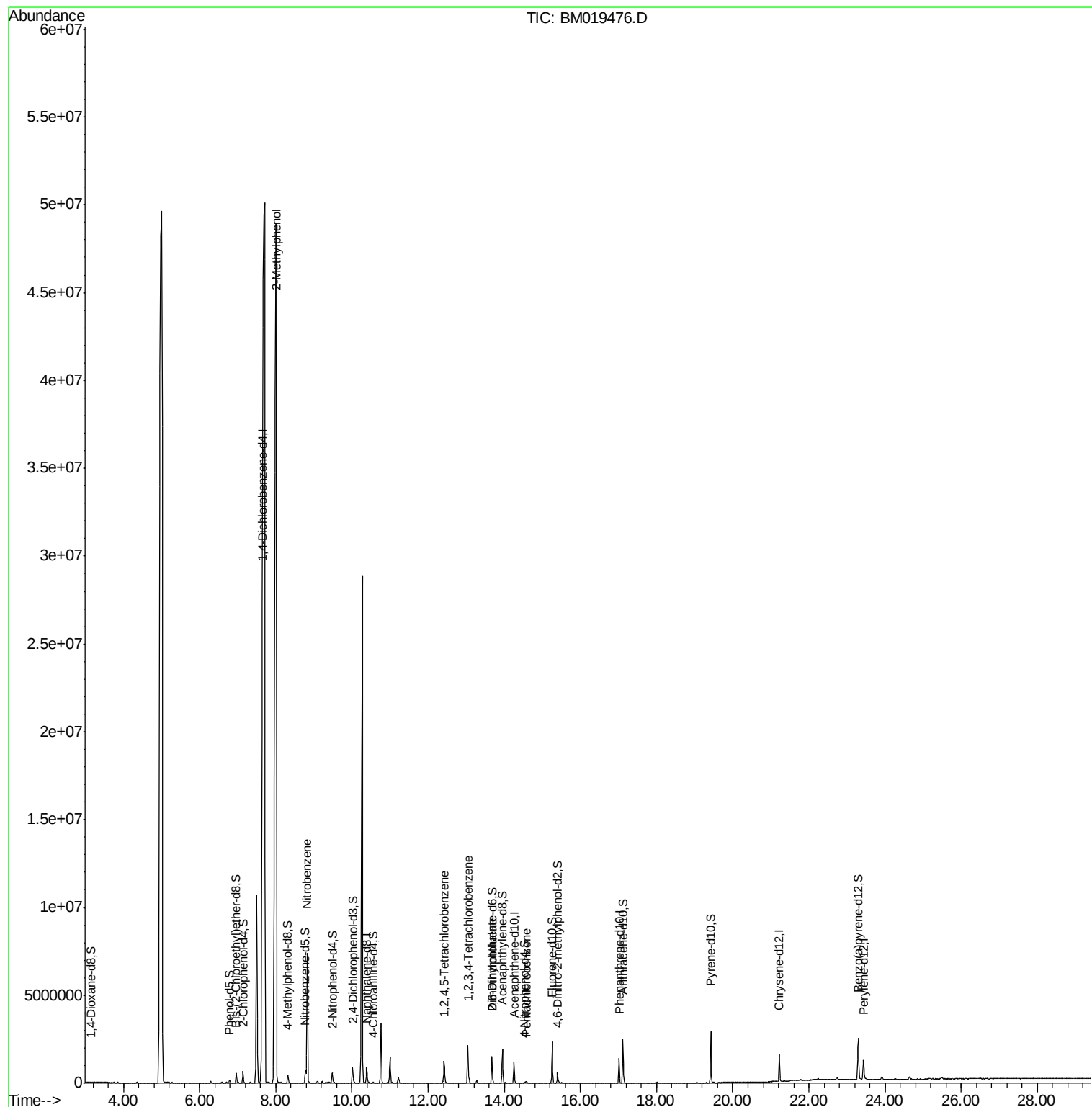
					Qvalue
11) 2-Methylphenol	8.01	108	334837	27.307 ng/ul	97
20) Nitrobenzene	8.83	77	4933003	335.938 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	439815	37.463 ng/ul#	97
46) 2,6-Dinitrotoluene	13.68	165	5865	1.070 ng/ul#	44
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	668259	60.126 ng/uL	97
74) Pentachlorobenzene	14.57	250	25312	2.177 ng/uL	95

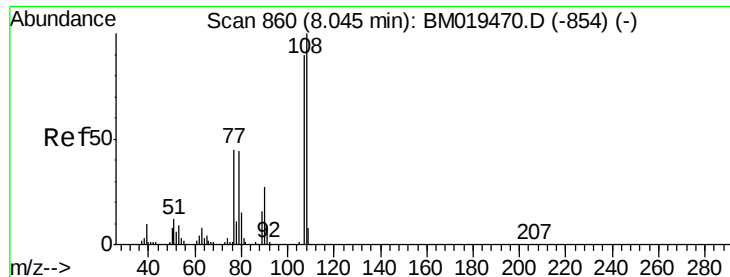
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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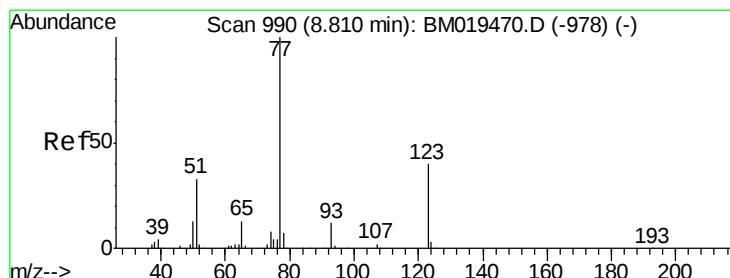
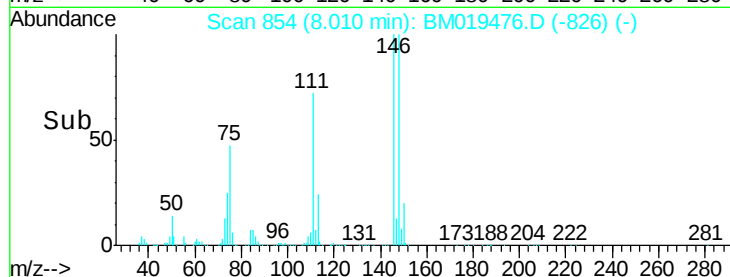
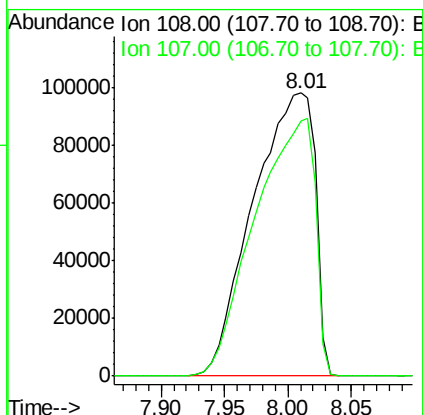
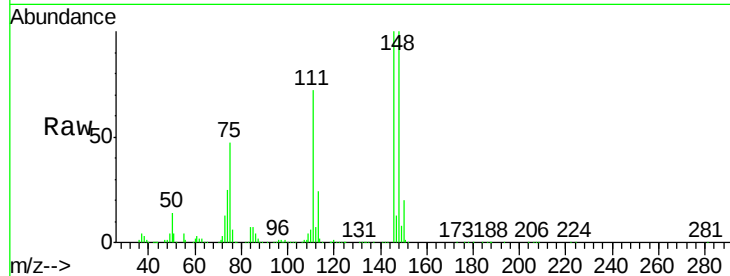




#11
2-Methylphenol
Concen: 27.307 ng/ul
RT: 8.01 min Scan# 854
Delta R.T. -0.04 min
Lab File: BM019476.D
Acq: 26 Mar 2019 18:39

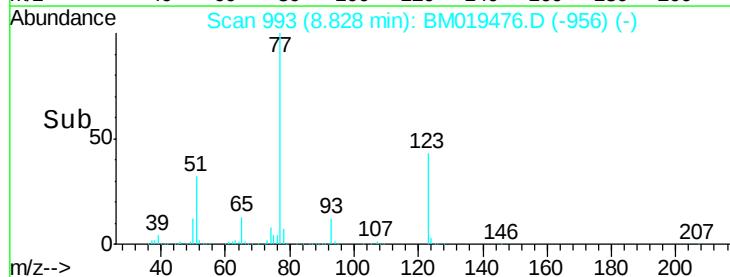
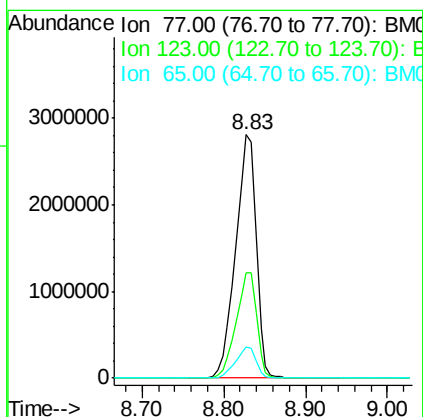
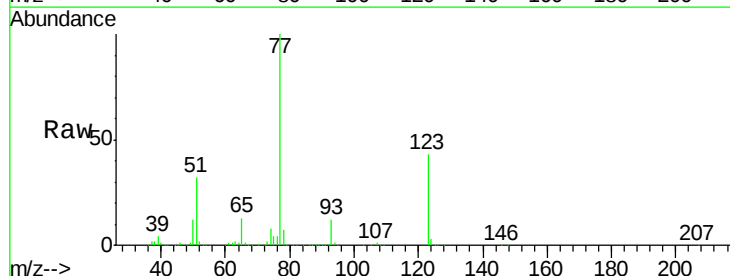
Instrument :
BNA_M
ClientSampleId :
C09D8

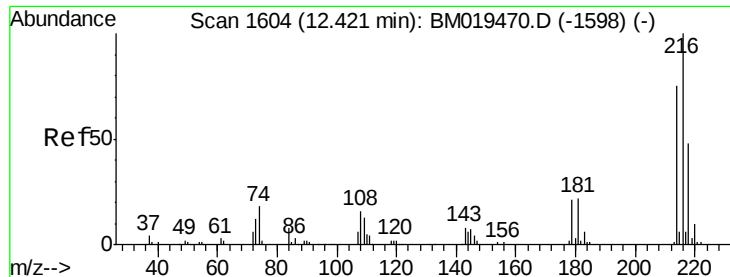
Tgt Ion: 108 Resp: 334837
Ion Ratio Lower Upper
108 100
107 90.2 74.1 111.1



#20
Nitrobenzene
Concen: 335.938 ng/ul
RT: 8.83 min Scan# 993
Delta R.T. 0.02 min
Lab File: BM019476.D
Acq: 26 Mar 2019 18:39

Tgt Ion: 77 Resp: 4933003
Ion Ratio Lower Upper
77 100
123 43.1 31.8 47.8
65 12.7 10.6 16.0

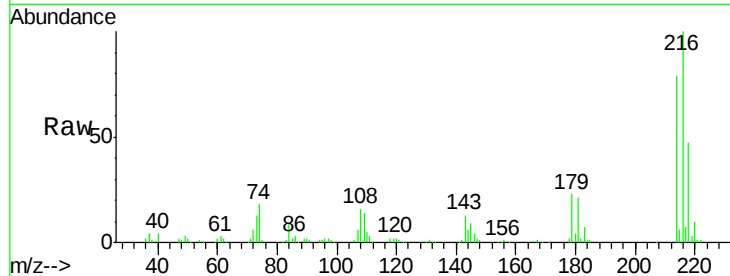




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.463 ng/ul
 RT: 12.42 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BM019476.D
 Acq: 26 Mar 2019 18:39

Instrument :
 BNA_M
 ClientSampleId :
 C09D8

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.1	96.1
179	22.6	14.5	21.7#
108	16.4	10.4	15.6#



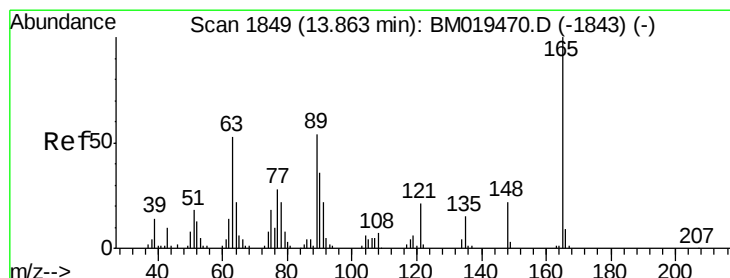
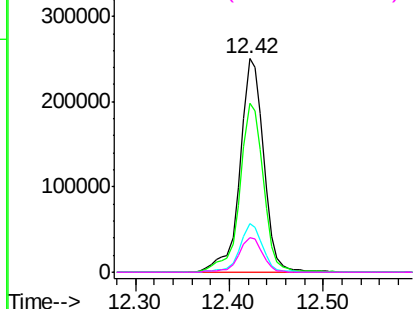
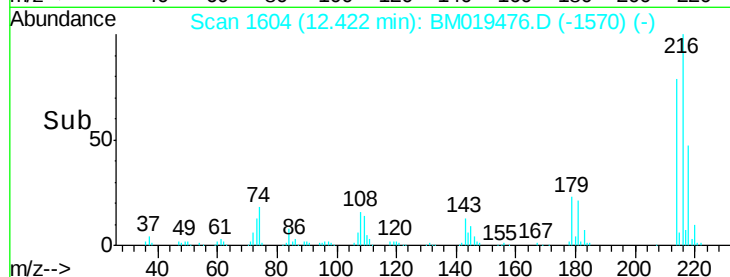
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

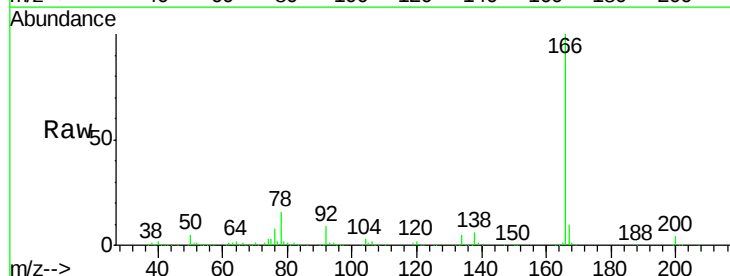
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#46
 2,6-Dinitrotoluene
 Concen: 1.070 ng/ul
 RT: 13.68 min Scan# 1818
 Delta R.T. -0.18 min
 Lab File: BM019476.D
 Acq: 26 Mar 2019 18:39

Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	25.0	17.8	26.6

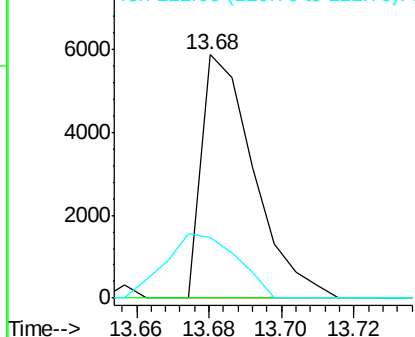
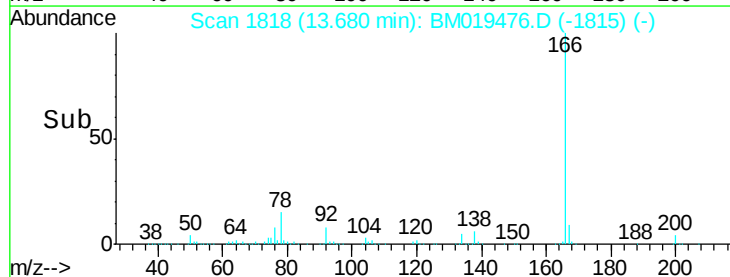


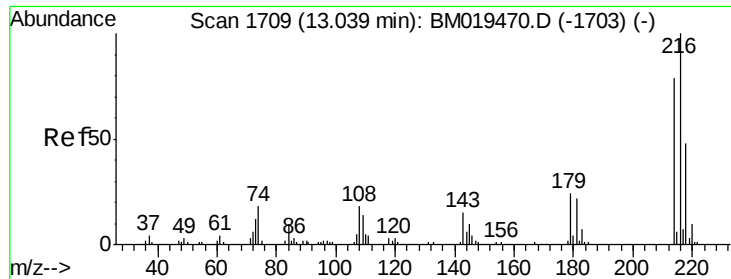
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

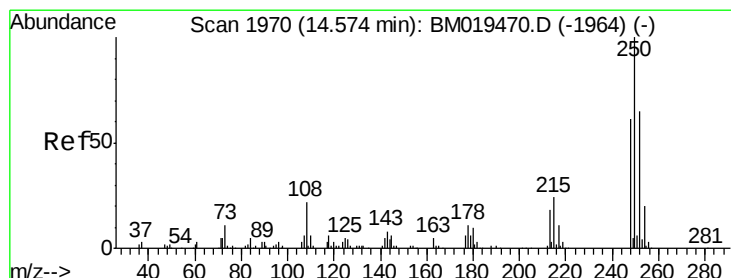
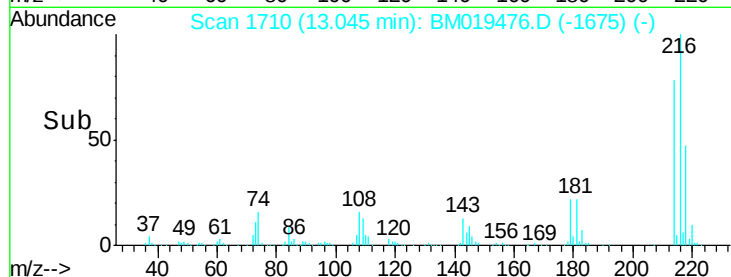
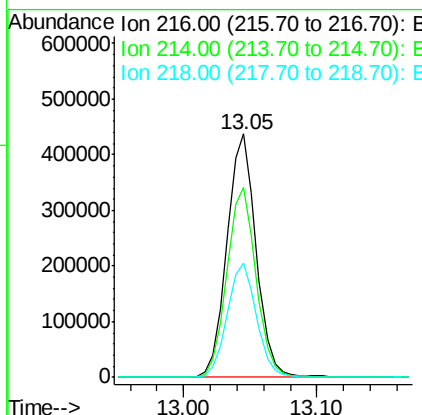
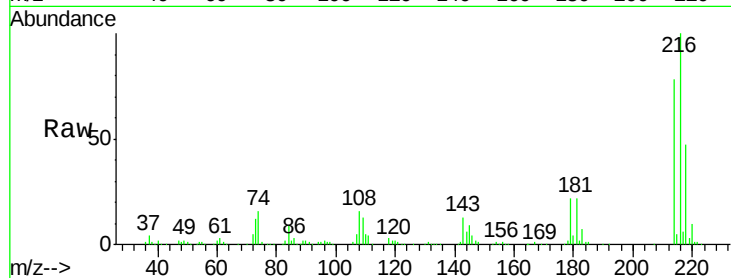




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 60.126 ng/uL
 RT: 13.05 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BM019476.D
 Acq: 26 Mar 2019 18:39

Instrument :
 BNA_M
 ClientSampled :
 C09D8

Tgt Ion:216 Resp: 668259
 Ion Ratio Lower Upper
 216 100
 214 77.9 64.1 96.1
 218 47.0 39.4 59.0



#74
 Pentachlorobenzene
 Concen: 2.177 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BM019476.D
 Acq: 26 Mar 2019 18:39

Tgt Ion:250 Resp: 25312
 Ion Ratio Lower Upper
 250 100
 248 61.9 51.4 77.2
 252 56.3 49.8 74.6

