

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032519\
 Data File : BM019450.D
 Acq On : 26 Mar 2019 02:27
 Operator : JU/SJ
 Sample : K2027-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E3

Quant Time: Mar 26 05:42:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 03:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	185548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	719299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	390069	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	809991	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	828890	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	922914	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	16832	3.55	ng/uL	0.00
5) Phenol-d5	6.79	99	97079	5.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	256979	23.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	280567	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	176695	14.25	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	158029	30.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	177167	31.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	300820	27.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	23618	1.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	932771	29.64	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1202644	30.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	18300	3.71	ng/ul	0.02
58) Fluorene-d10	15.26	176	800926	29.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	144887	27.05	ng/ul	0.00
71) Anthracene-d10	17.12	188	1209653	31.12	ng/ul	0.00
79) Pyrene-d10	19.42	212	1268821	33.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1431903	29.27	ng/ul	0.00

Target Compounds

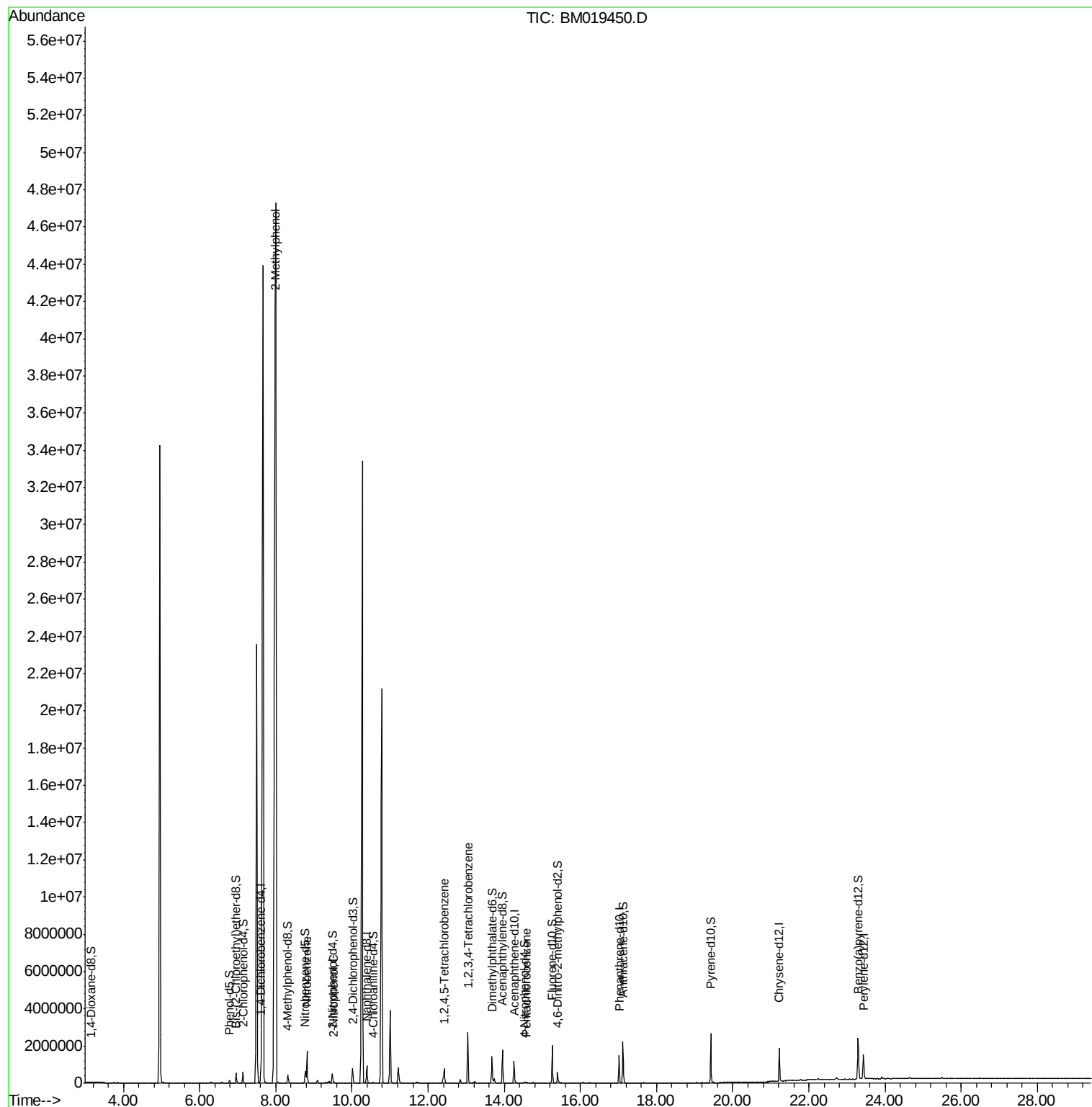
					Qvalue
11) 2-Methylphenol	8.00	108	292656	24.337 ng/ul	96
20) Nitrobenzene	8.82	77	1079721	70.690 ng/ul	96
23) 2-Nitrophenol	9.52	139	10386	1.649 ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	241384	19.447 ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	828691	70.567 ng/uL	98
74) Pentachlorobenzene	14.57	250	13940	1.135 ng/uL	97

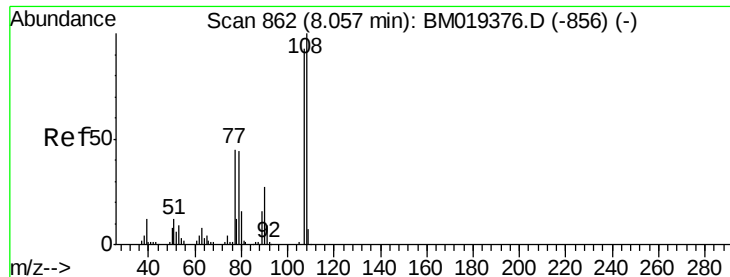
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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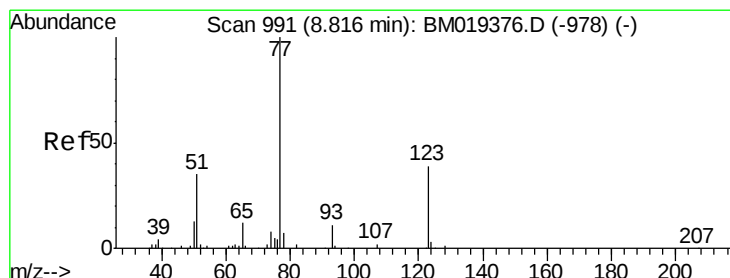
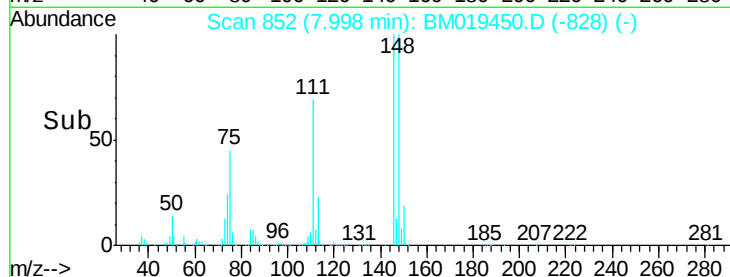
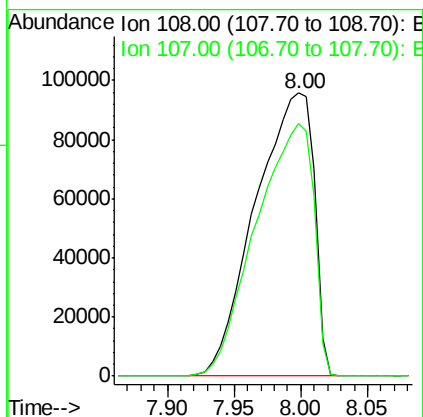
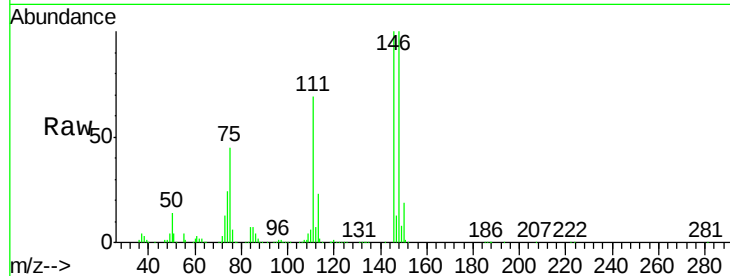




#11
2-Methylphenol
Concen: 24.337 ng/ul
RT: 8.00 min Scan# 852
Delta R.T. -0.06 min
Lab File: BM019450.D
Acq: 26 Mar 2019 02:27

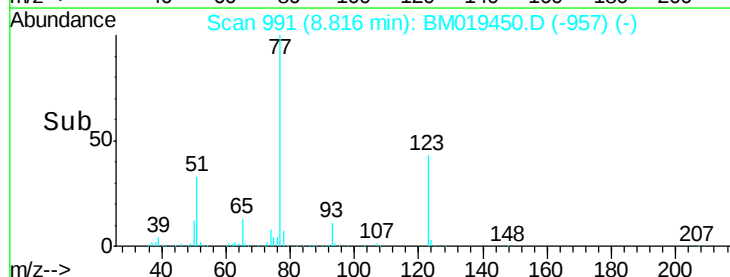
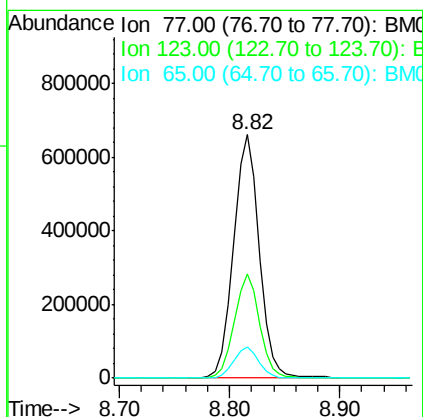
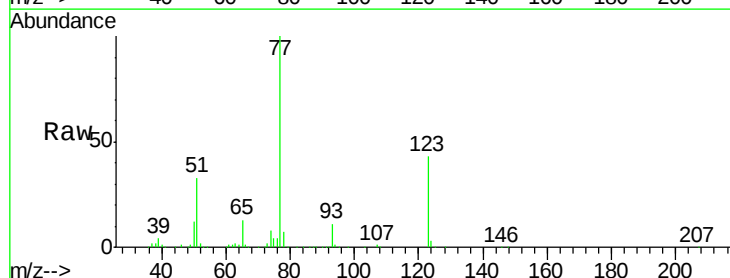
Instrument :
BNA_M
ClientSampleId :
C09E3

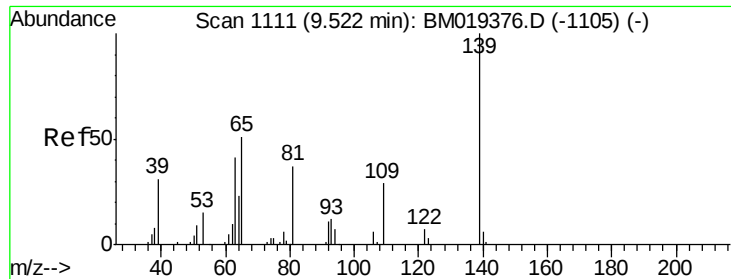
Tgt Ion: 108 Resp: 292656
Ion Ratio Lower Upper
108 100
107 89.1 74.1 111.1



#20
Nitrobenzene
Concen: 70.690 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM019450.D
Acq: 26 Mar 2019 02:27

Tgt Ion: 77 Resp: 1079721
Ion Ratio Lower Upper
77 100
123 42.5 31.8 47.8
65 12.7 10.6 16.0

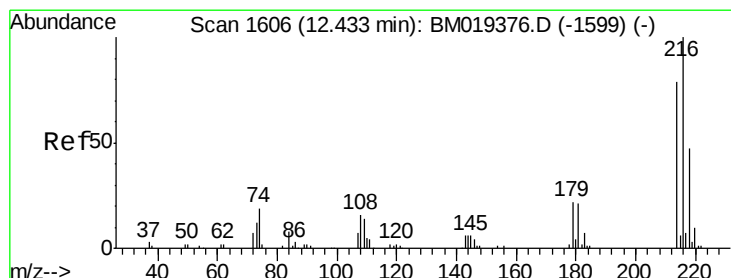
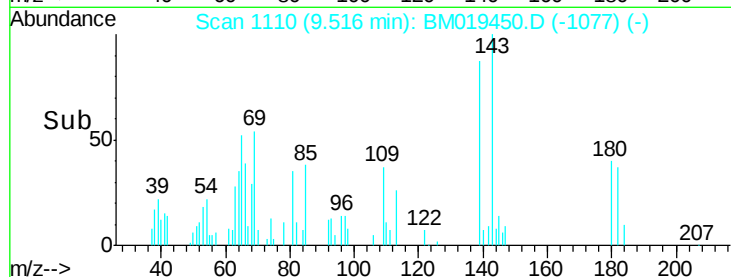
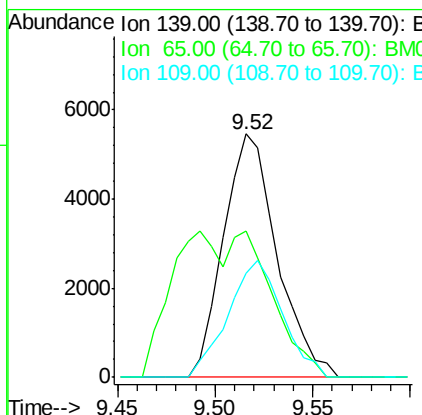
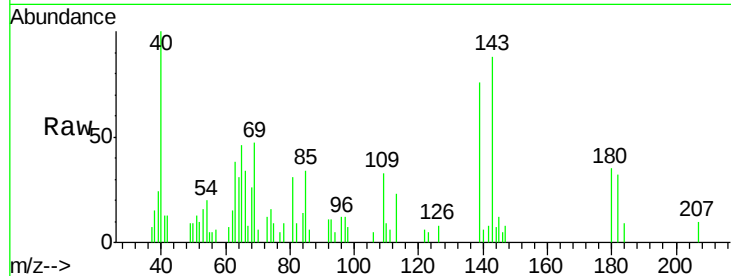




#23
 2-Nitrophenol
 Concen: 1.649 ng/ul
 RT: 9.52 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BM019450.D
 Acq: 26 Mar 2019 02:27

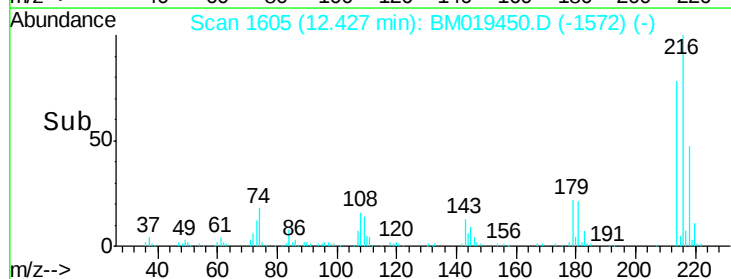
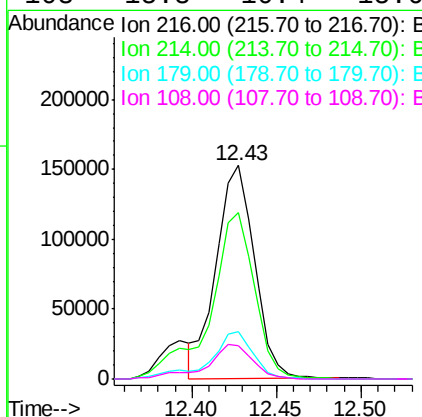
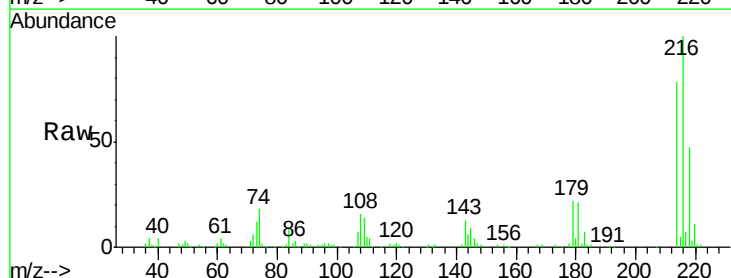
Instrument :
 BNA_M
 ClientSampled :
 C09E3

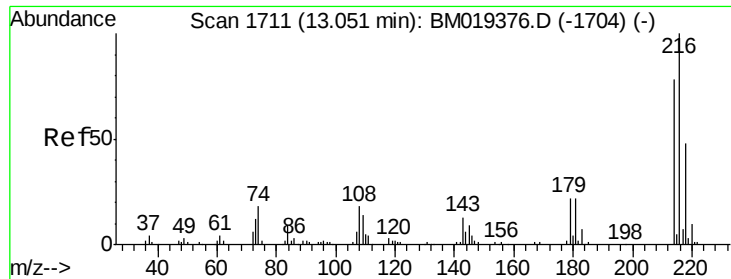
Tgt Ion:139 Resp: 10386
 Ion Ratio Lower Upper
 139 100
 65 60.2 45.3 67.9
 109 42.8 27.7 41.5#



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.447 ng/ul
 RT: 12.43 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BM019450.D
 Acq: 26 Mar 2019 02:27

Tgt Ion:216 Resp: 241384
 Ion Ratio Lower Upper
 216 100
 214 77.9 64.1 96.1
 179 22.0 14.5 21.7#
 108 15.8 10.4 15.6#

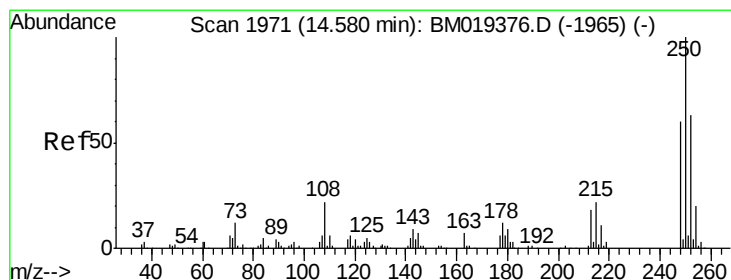
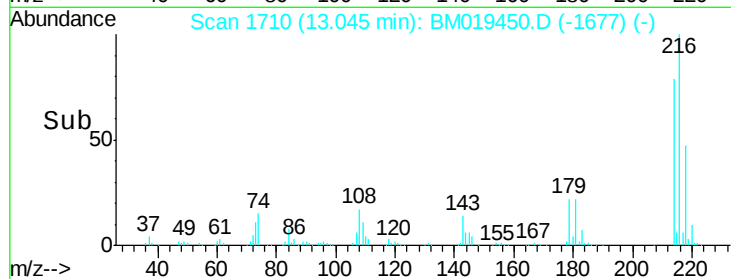
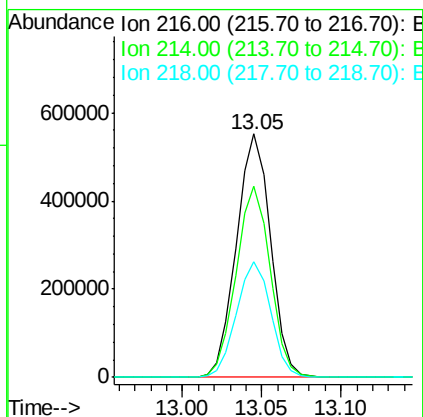
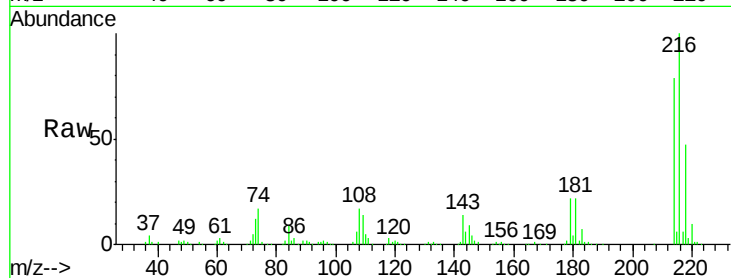




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 70.567 ng/uL
 RT: 13.05 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM019450.D
 Acq: 26 Mar 2019 02:27

Instrument :
 BNA_M
 ClientSampleId :
 C09E3

Tgt Ion:216 Resp: 828691
 Ion Ratio Lower Upper
 216 100
 214 78.6 64.1 96.1
 218 47.4 39.4 59.0



#74
 Pentachlorobenzene
 Concen: 1.135 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM019450.D
 Acq: 26 Mar 2019 02:27

Tgt Ion:250 Resp: 13940
 Ion Ratio Lower Upper
 250 100
 248 69.0 51.4 77.2
 252 62.1 49.8 74.6

