

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019390.D
 Acq On : 24 Mar 2019 14:01
 Operator : JU/SJ
 Sample : K2027-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 25 03:03:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	144944	20.00	ng/ul	0.05
18) Naphthalene-d8	10.42	136	561732	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.26	164	295128	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	639671	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	683835	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	768506	20.00	ng/ul	-0.02

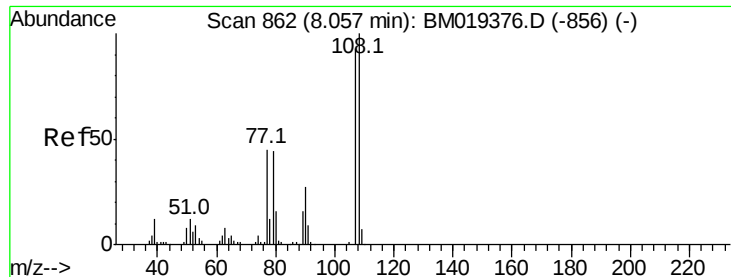
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	395	0.11	ng/uL	0.04
5) Phenol-d5	6.80	99	83211	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	234968	27.19	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	249751	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	1385	0.14	ng/ul	0.09
19) Nitrobenzene-d5	8.79	128	142248	35.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	1833	0.41	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.03	165	269871	32.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3393	0.34	ng/ul	0.01
44) Dimethylphthalate-d6	13.69	166	865330	36.34	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1049254	35.24	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	17599	4.71	ng/ul	0.01
58) Fluorene-d10	15.26	176	722850	35.23	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	136431	32.25	ng/ul	-0.01
71) Anthracene-d10	17.12	188	1143021	37.24	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1241729	39.31	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1442444	35.40	ng/ul	-0.02

Target Compounds

					Ovalue	
11) 2-Methylphenol	8.04	108	399415	42.521	ng/ul	95
17) Hexachloroethane	8.67	117	4182	1.001	ng/ul	83
20) Nitrobenzene	8.84	77	3992192	334.689	ng/ul	96
23) 2-Nitrophenol	9.53	139	39214	7.971	ng/ul	95
28) Naphthalene	10.46	128	33126	1.138	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	402503	42.860	ng/ul#	96
46) 2,6-Dinitrotoluene	13.69	165	4630	1.056	ng/ul#	55
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1476305	159.187	ng/uL	98
74) Pentachlorobenzene	14.58	250	24025	2.477	ng/uL	97

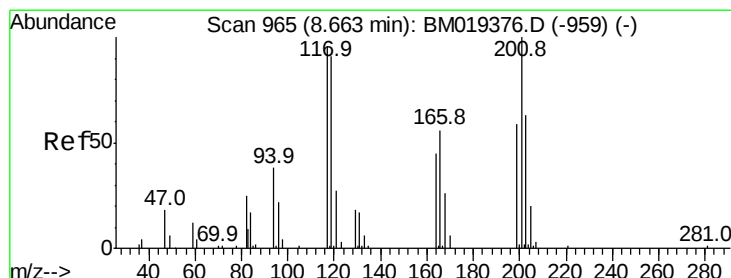
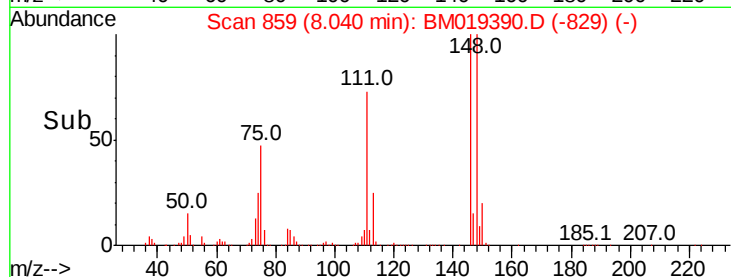
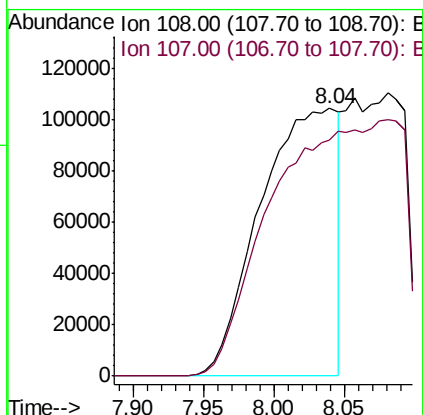
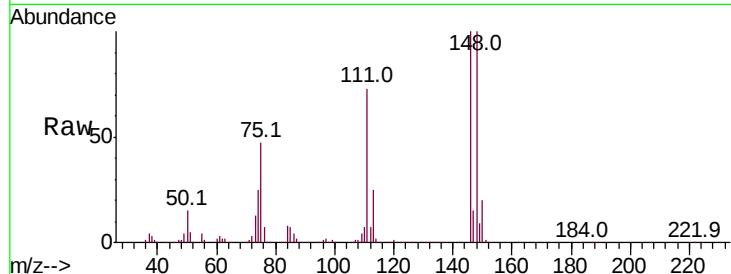
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#11
2-Methylphenol
Concen: 42.521 ng/ul
RT: 8.04 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

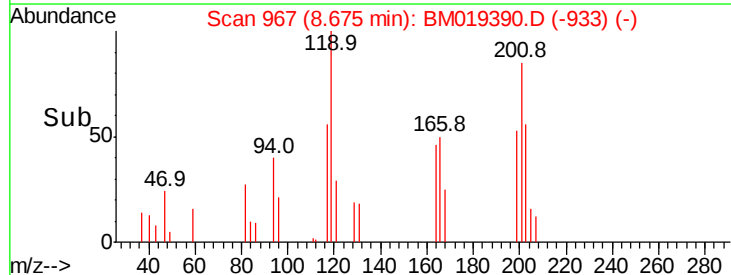
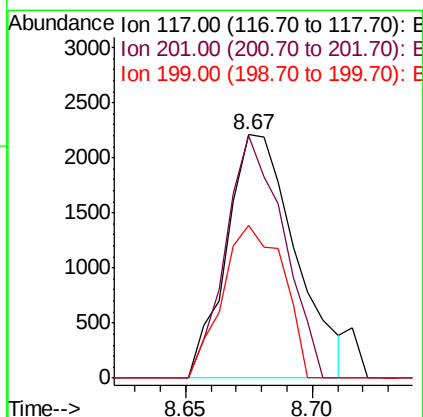
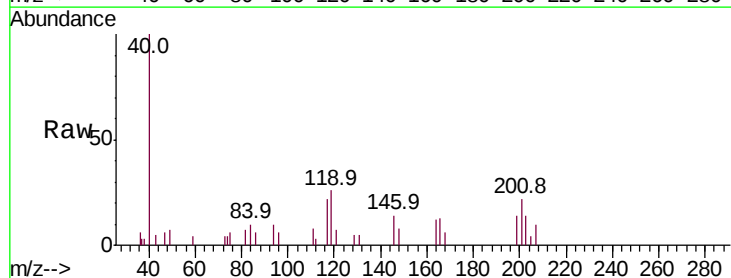
Instrument :
BNA_M
ClientSampled :

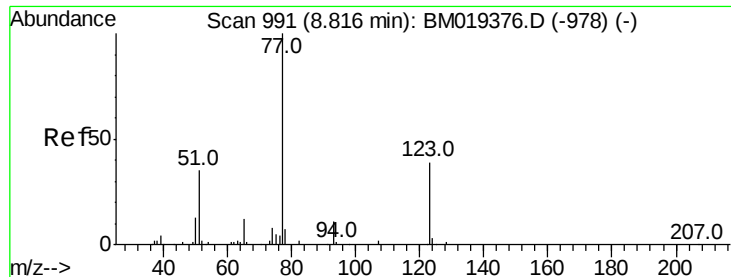
Tot Ion:108 Resp: 399415
Ion Ratio Lower Upper
108 100
107 88.2 74.1 111.1



#17
Hexachloroethane
Concen: 1.001 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

Tgt Ion:117 Resp: 4182
Ion Ratio Lower Upper
117 100
201 99.7 96.1 144.1
199 62.8 59.7 89.5

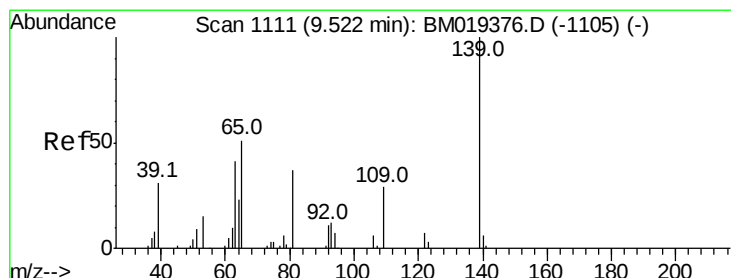
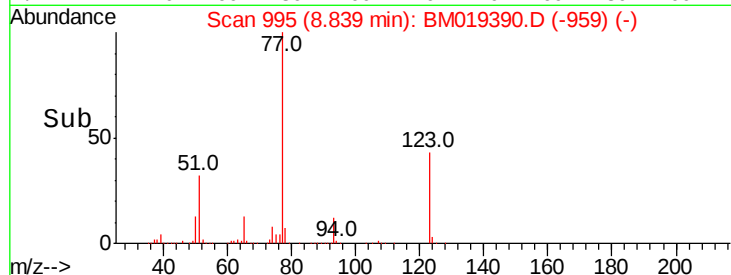
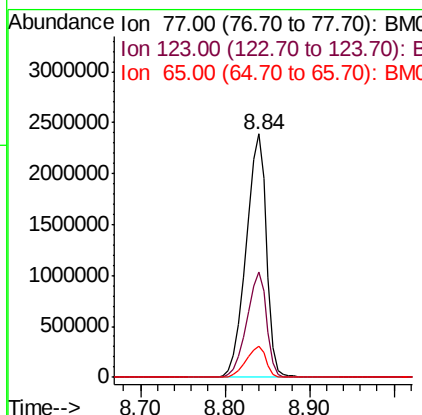
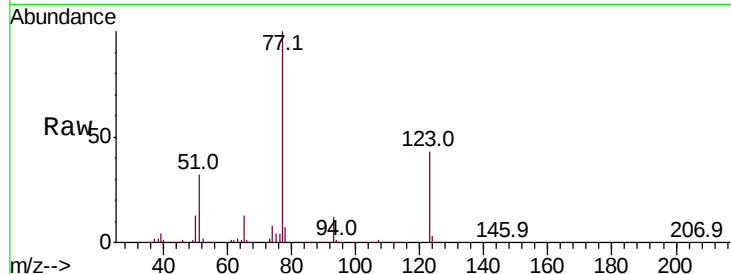




#20
Nitrobenzene
Concen: 334.689 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.01 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

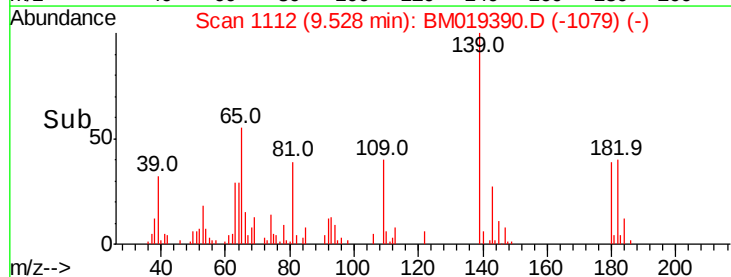
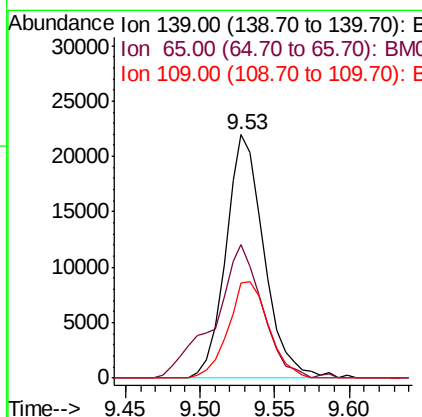
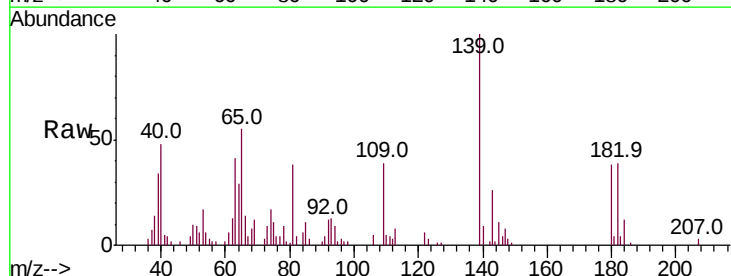
Instrument :
BNA_M
ClientSampleId :

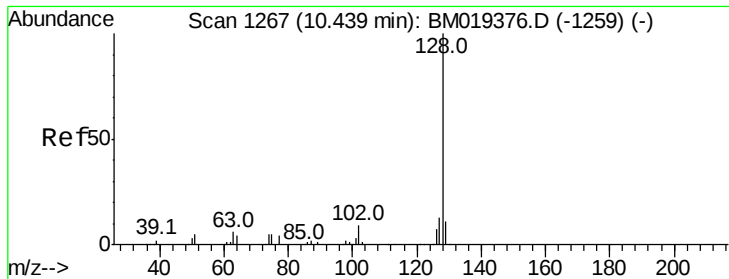
Tot Ion: 77 Resp: 3992192
Ion Ratio Lower Upper
77 100
123 43.1 31.8 47.8
65 12.7 10.6 16.0



#23
2-Nitrophenol
Concen: 7.971 ng/ul
RT: 9.53 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

Tgt Ion: 139 Resp: 39214
Ion Ratio Lower Upper
139 100
65 54.6 45.3 67.9
109 39.0 27.7 41.5

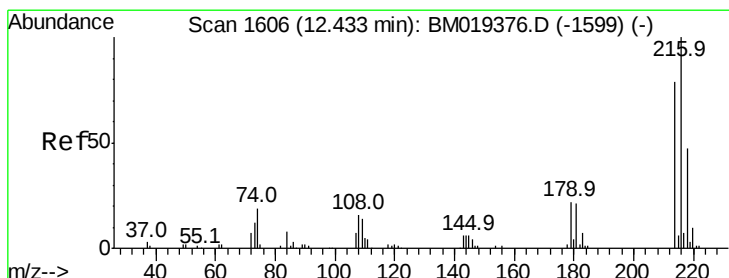
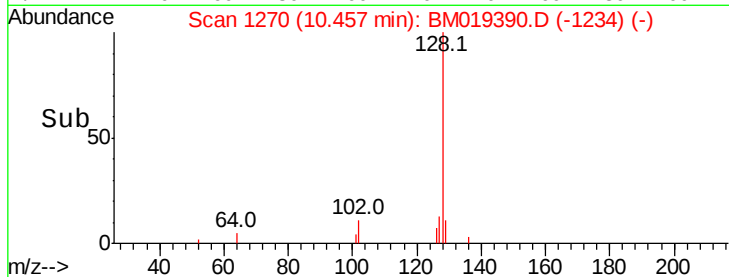
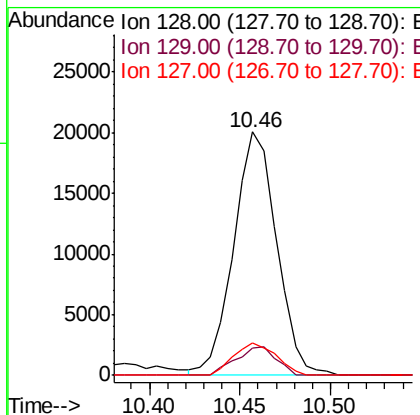
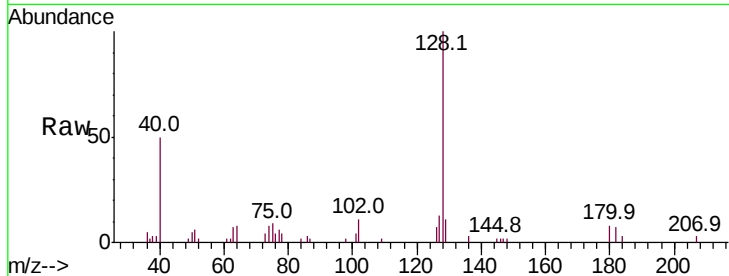




#28
Naphthalene
Concen: 1.138 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

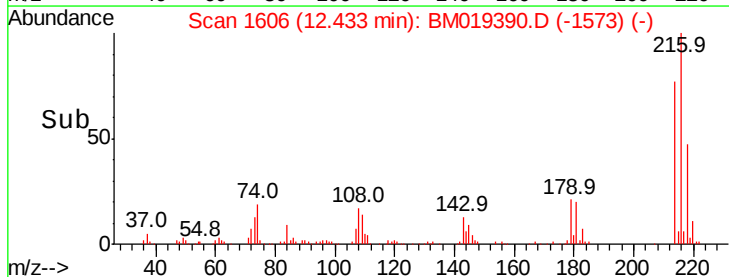
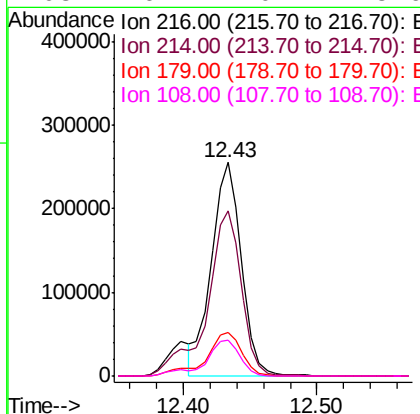
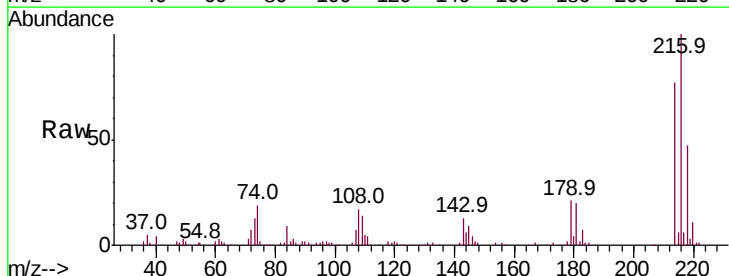
Instrument :
BNA_M
ClientSampled :

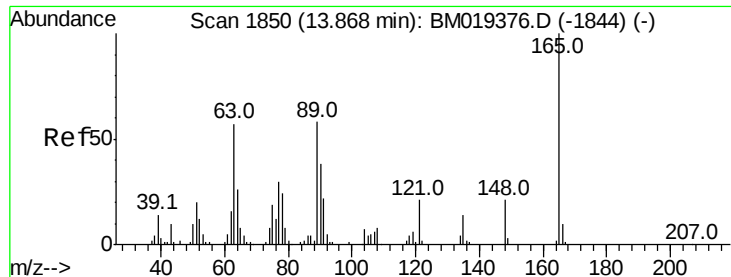
Tot Ion:128 Resp: 33126
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.3 10.8 16.2



#37
1,2,4,5-Tetrachlorobenzene
Concen: 42.860 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

Tgt Ion:216 Resp: 402503
Ion Ratio Lower Upper
216 100
214 77.2 64.1 96.1
179 20.7 14.5 21.7
108 16.7 10.4 15.6#

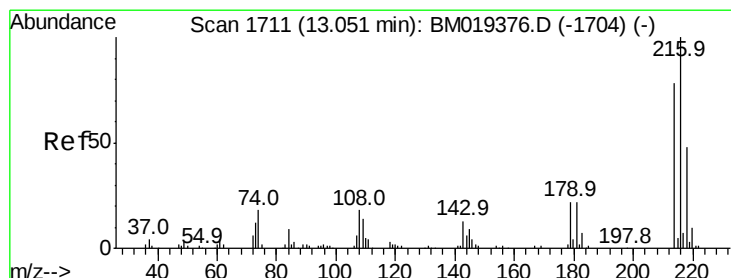
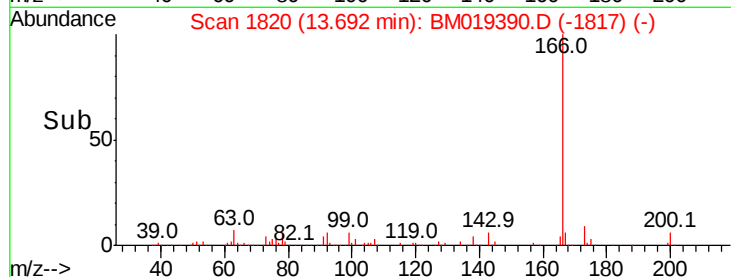
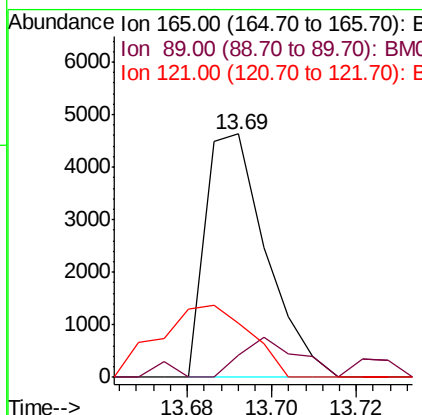
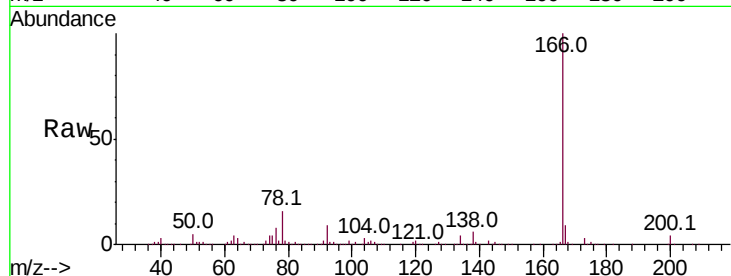




#46
 2,6-Dinitrotoluene
 Concen: 1.056 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.18 min
 Lab File: BM019390.D
 Acq: 24 Mar 2019 14:01

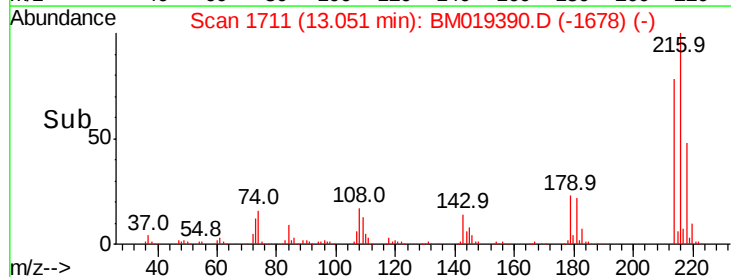
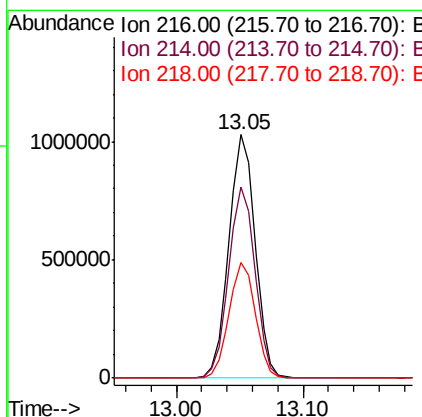
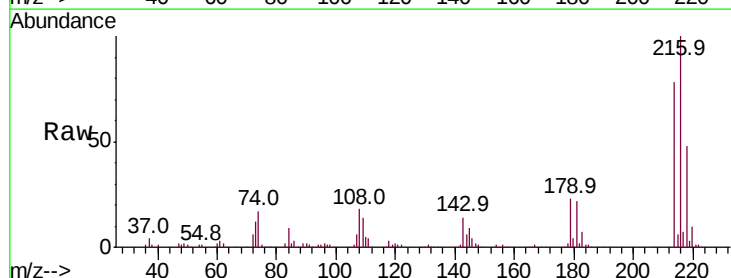
Instrument :
 BNA_M
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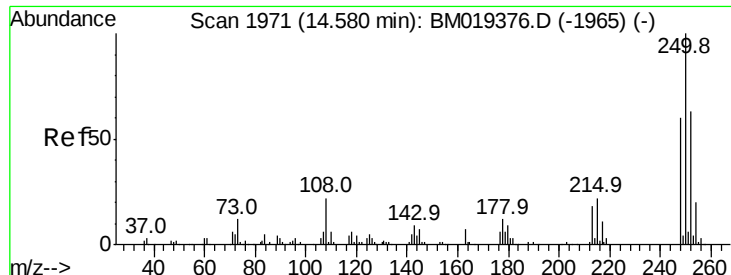
Tot Ion:165 Resp: 4630
 Ion Ratio Lower Upper
 165 100
 89 9.1 43.8 65.8#
 121 22.1 17.8 26.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 159.187 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM019390.D
 Acq: 24 Mar 2019 14:01

Tgt Ion:216 Resp: 1476305
 Ion Ratio Lower Upper
 216 100
 214 78.4 64.1 96.1
 218 47.5 39.4 59.0

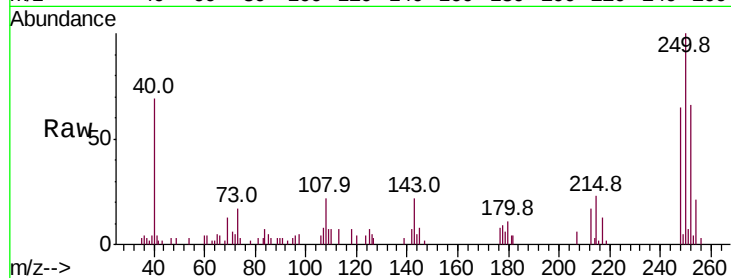




#74
 Pentachlorobenzene
 Concen: 2.477 ng/uL
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BM019390.D
 Acq: 24 Mar 2019 14:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
250	100		
248	64.9	51.4	77.2
252	65.9	49.8	74.6



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

