

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
 Data File : BM019367.D
 Acq On : 24 Mar 2019 00:11
 Operator : JU/SJ
 Sample : K2025-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09A7

Quant Time: Mar 25 00:38:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 00:34:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	145249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	602562	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	343716	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	770741	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	849028	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	966958	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15471	4.17	ng/uL	0.00
5) Phenol-d5	6.79	99	73548	5.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	191080	22.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	200043	20.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	129762	13.37	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	107411	24.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	119964	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	209153	23.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	8982	0.83	ng/ul	0.04
44) Dimethylphthalate-d6	13.69	166	864397	31.17	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	960803	27.71	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.54	143	11874	2.73	ng/ul	0.03
58) Fluorene-d10	15.27	176	723192	30.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	130931	25.69	ng/ul	0.00
71) Anthracene-d10	17.12	188	1225707	33.14	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1369920	34.93	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1622388	31.65	ng/ul	-0.02

Target Compounds

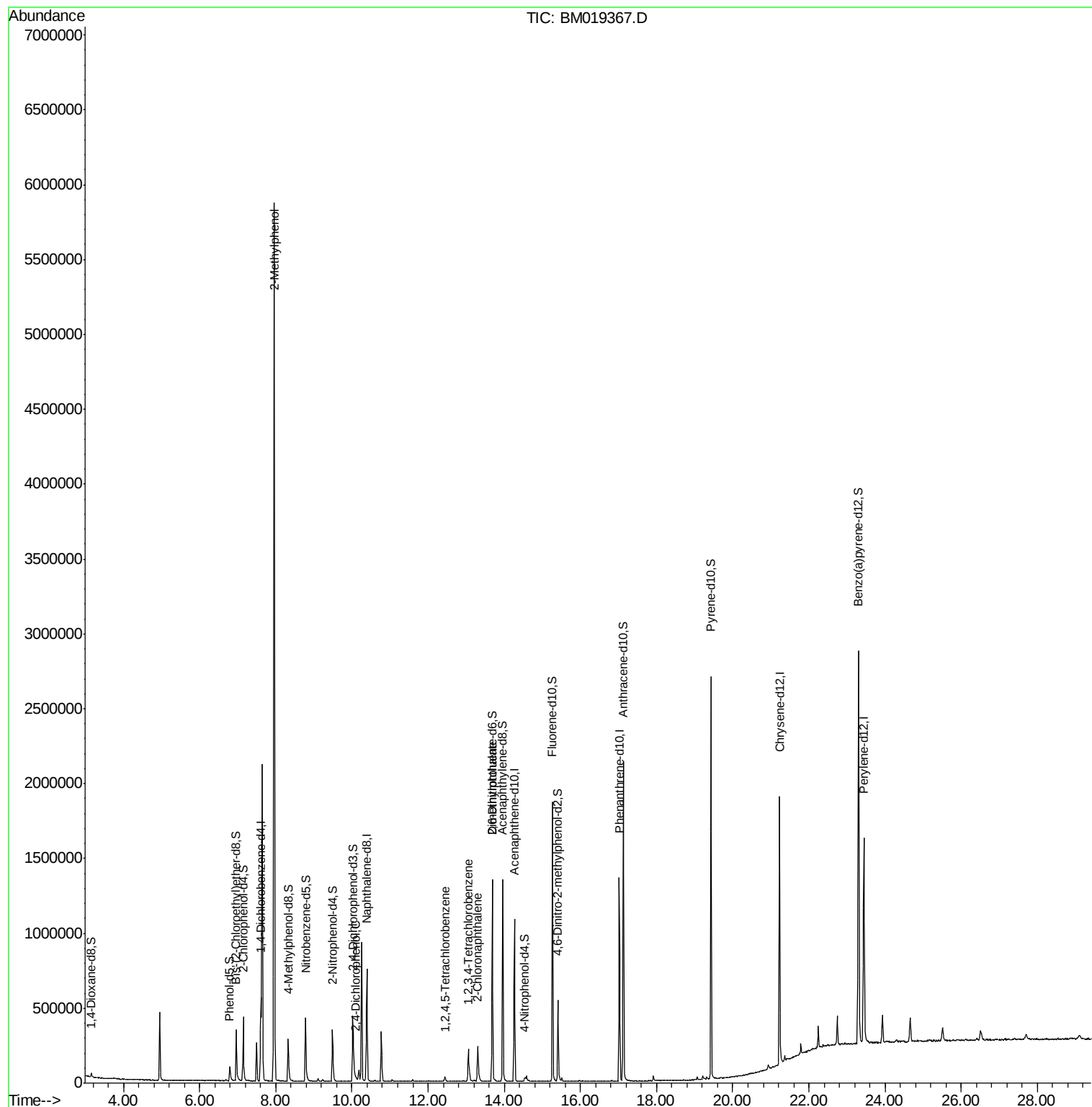
					Qvalue	
11) 2-Methylphenol	7.96	108	17041	1.810	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	9571	1.073	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	14403	1.317	ng/ul#	88
42) 2-Chloronaphthalene	13.30	162	58349	2.603	ng/ul#	40
46) 2,6-Dinitrotoluene	13.69	165	5305	1.038	ng/ul#	45
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	69228	6.195	ng/uL	97

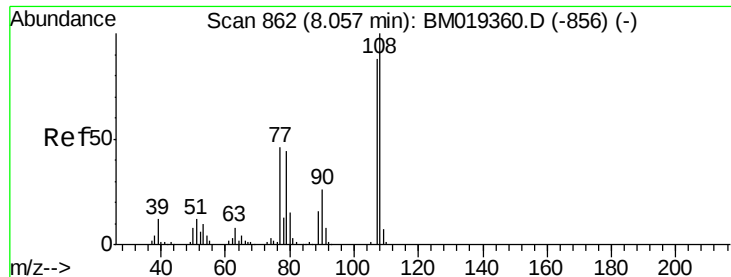
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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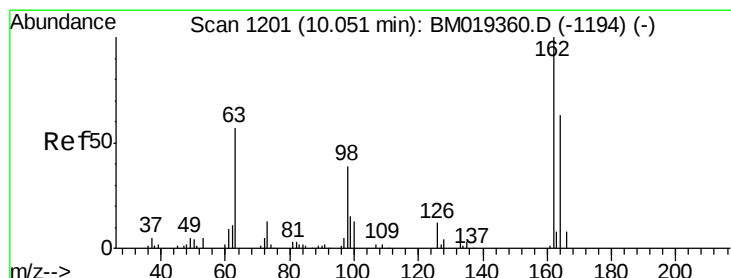
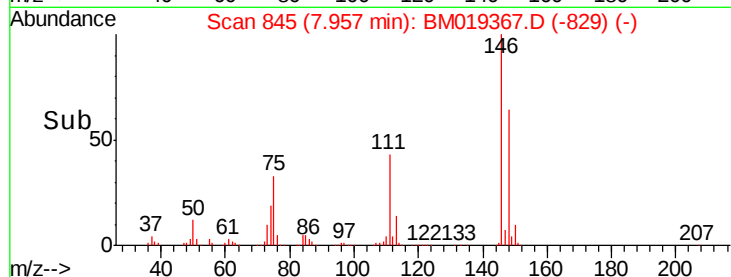
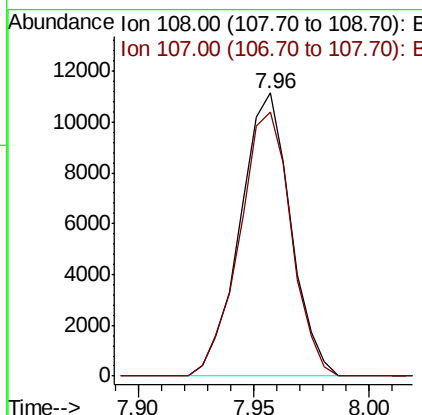
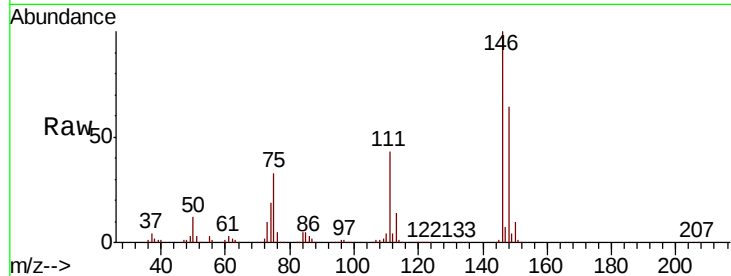




#11
 2-Methylphenol
 Concen: 1.810 ng/ul
 RT: 7.96 min Scan# 845
 Delta R.T. -0.11 min
 Lab File: BM019367.D
 Acq: 24 Mar 2019 00:11

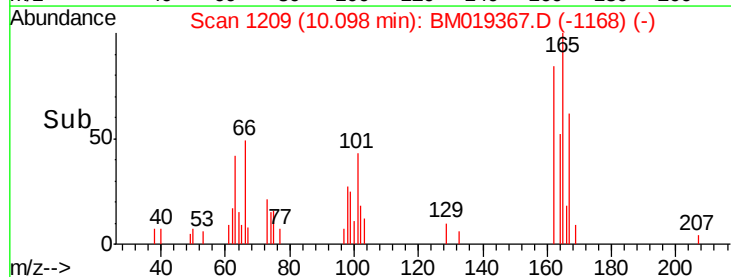
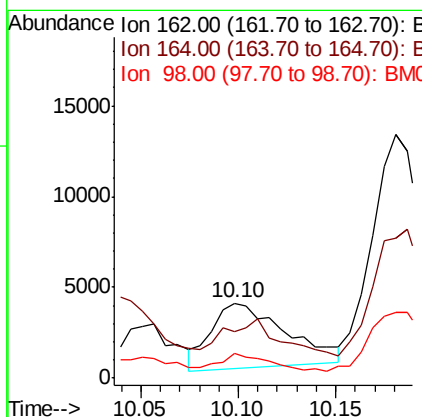
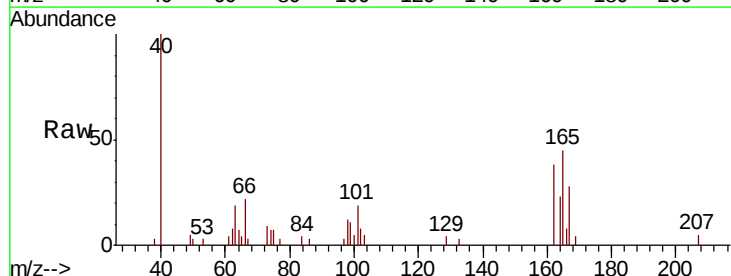
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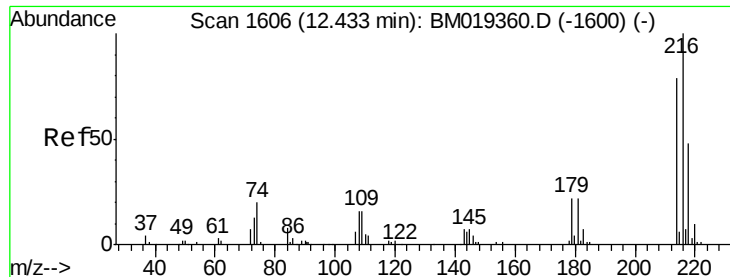
Tgt Ion:108 Resp: 17041
 Ion Ratio Lower Upper
 108 100
 107 93.3 74.1 111.1



#27
 2,4-Dichlorophenol
 Concen: 1.073 ng/ul
 RT: 10.10 min Scan# 1209
 Delta R.T. 0.04 min
 Lab File: BM019367.D
 Acq: 24 Mar 2019 00:11

Tgt Ion:162 Resp: 9571
 Ion Ratio Lower Upper
 162 100
 164 61.4 52.0 78.0
 98 32.4 26.6 39.8

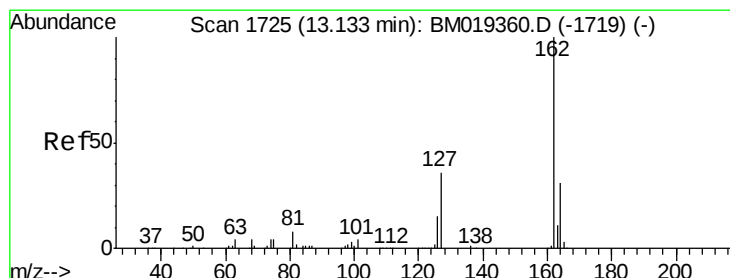
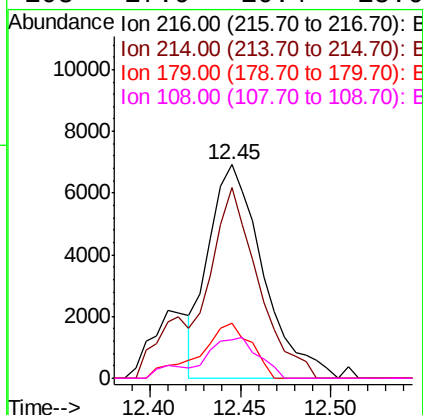
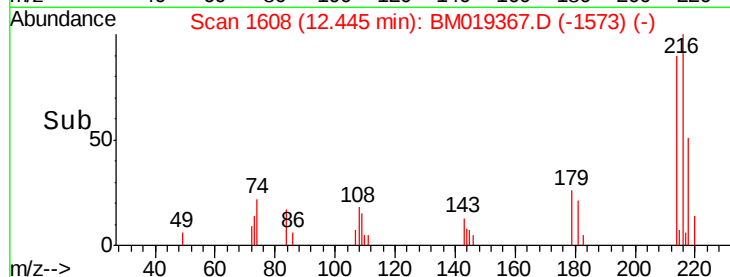
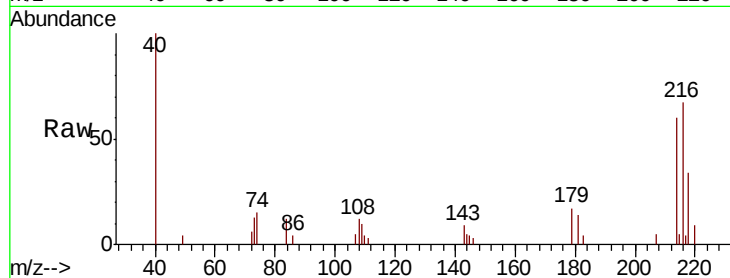




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.317 ng/ul
 RT: 12.45 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BM019367.D
 Acq: 24 Mar 2019 00:11

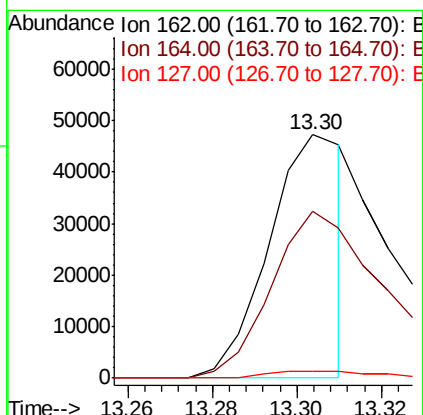
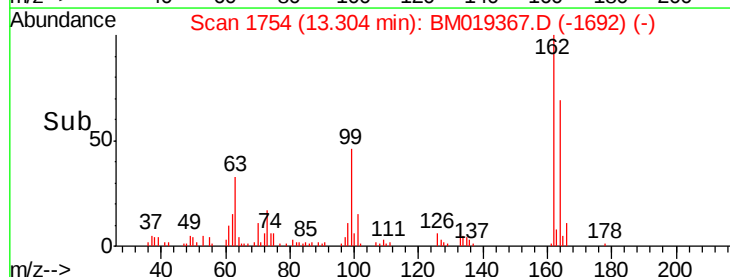
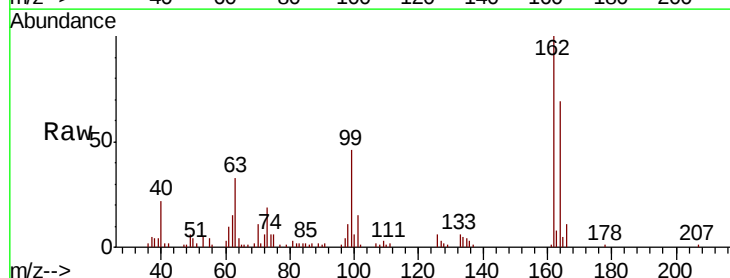
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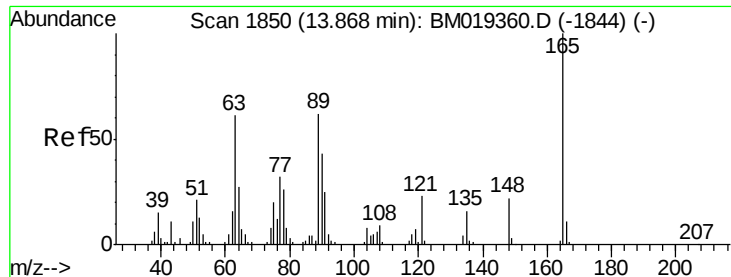
Tgt Ion:216 Resp: 14403
 Ion Ratio Lower Upper
 216 100
 214 89.6 64.1 96.1
 179 25.9 14.5 21.7#
 108 17.9 10.4 15.6#



#42
 2-Chloronaphthalene
 Concen: 2.603 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. 0.16 min
 Lab File: BM019367.D
 Acq: 24 Mar 2019 00:11

Tgt Ion:162 Resp: 58349
 Ion Ratio Lower Upper
 162 100
 164 68.7 26.2 39.4#
 127 2.9 29.5 44.3#

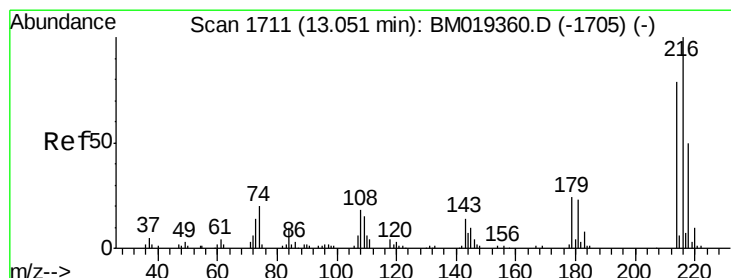
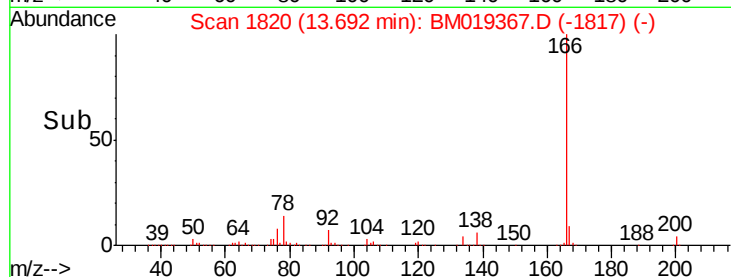
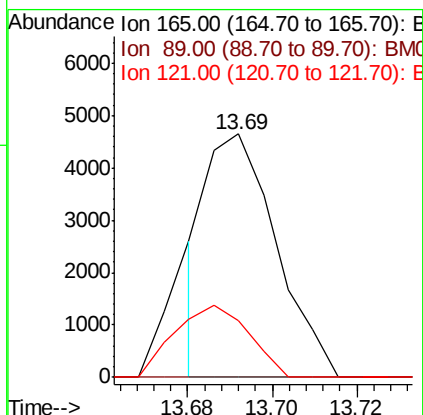
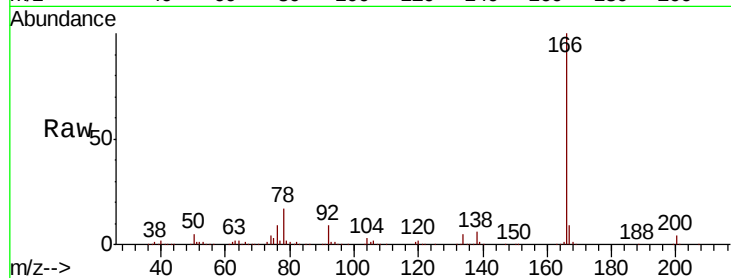




#46
 2,6-Dinitrotoluene
 Concen: 1.038 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.18 min
 Lab File: BM019367.D
 Acq: 24 Mar 2019 00:11

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Tgt Ion:165 Resp: 5305
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 23.1 17.8 26.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 6.195 ng/uL
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM019367.D
 Acq: 24 Mar 2019 00:11

Tgt Ion:216 Resp: 69228
 Ion Ratio Lower Upper
 216 100
 214 82.3 64.1 96.1
 218 47.2 39.4 59.0

