Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019389.D
Acq On : 24 Mar 2019 13:25
Operator : JU/SJ
Sample : K2027-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 25 03:03:16 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	135646	20.00	ng/ul	0.06
18) Naphthalene-d8	10.42	136	519001	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.26	164	274154	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	583306	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	616577	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	690358	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	15477	4.47	ng/uL	0.00
5) Phenol-d5	6.80	99	108171	8.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	268618	33.22	ng/ul	0.02
9) 2-Chlorophenol-d4	7.16	132	287588	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	688	0.08	ng/ul	0.11
19) Nitrobenzene-d5	8.79	128	161544	43.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	181248	43.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	301324	38.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	25389	2.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	937838	42.40	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1178306	42.60	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	20967	6.05	ng/ul	0.01
58) Fluorene-d10	15.26	176	787286	41.31	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	150106	38.91	ng/ul	-0.01
71) Anthracene-d10	17.12	188	1229204	43.91	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1321637	46.41	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1531587	41.85	ng/ul	-0.02
Target Compounds						Qvalue
11) 2-Methylphenol	8.06	108	575154	65.426	ng/ul	97
17) Hexachloroethane	8.68	117	4956	1.267	ng/ul#	89
20) Nitrobenzene	8.84	77	4514073	409.599	ng/ul	97
23) 2-Nitrophenol	9.53	139	42480	9.346	ng/ul	95
28) Naphthalene	10.46	128	37755	1.404	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	448343	51.393	ng/ul#	95
46) 2,6-Dinitrotoluene	13.69	165	6239	1.531	ng/ul#	46
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1640246	193.954	ng/uL	98
74) Pentachlorobenzene	14.58	250	25253	2.855	ng/uL	98

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

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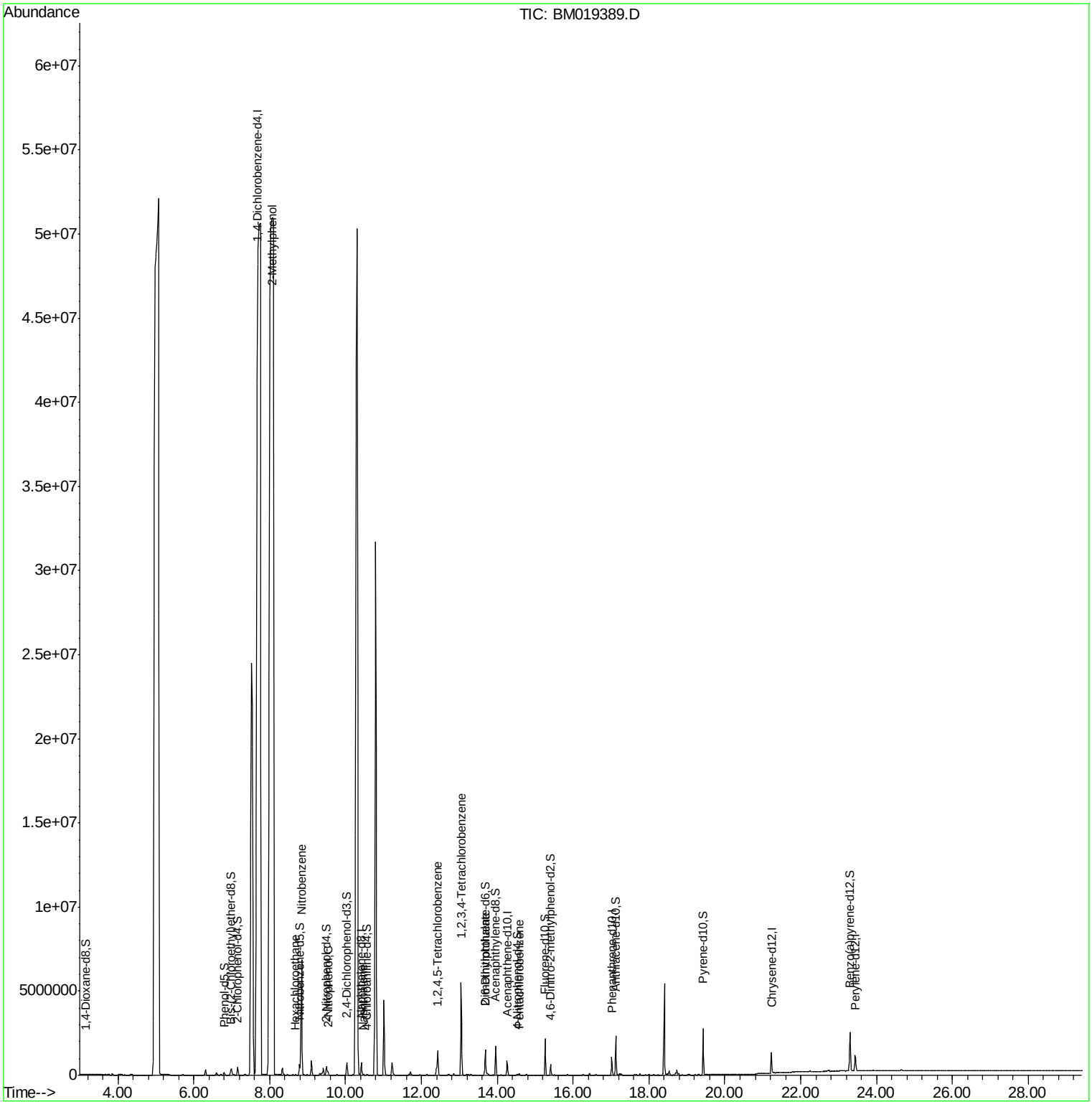
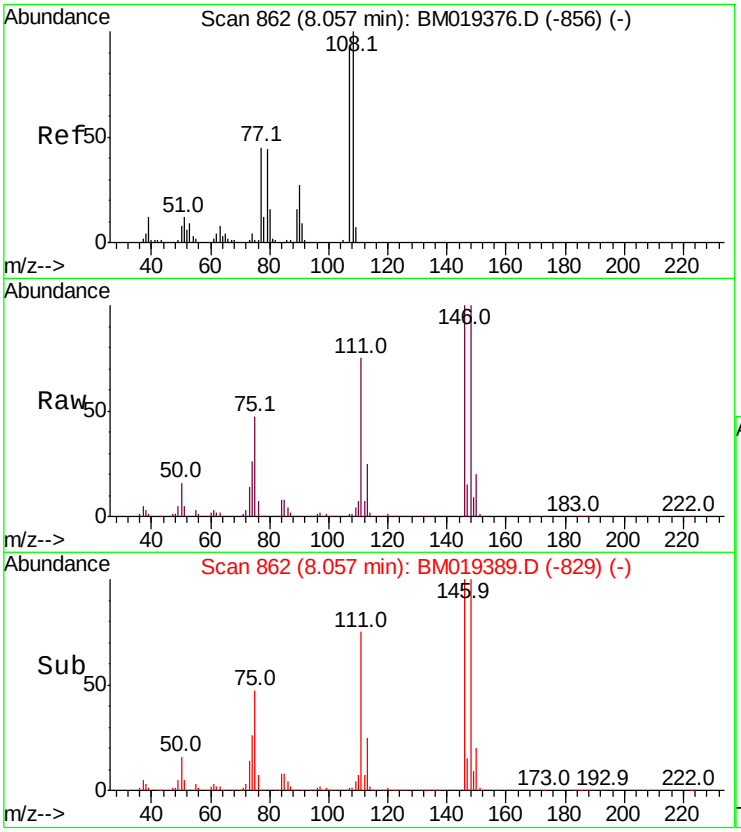


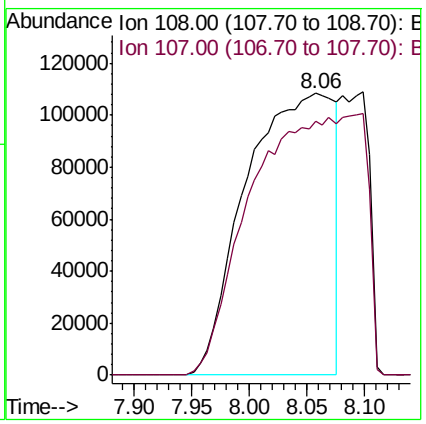


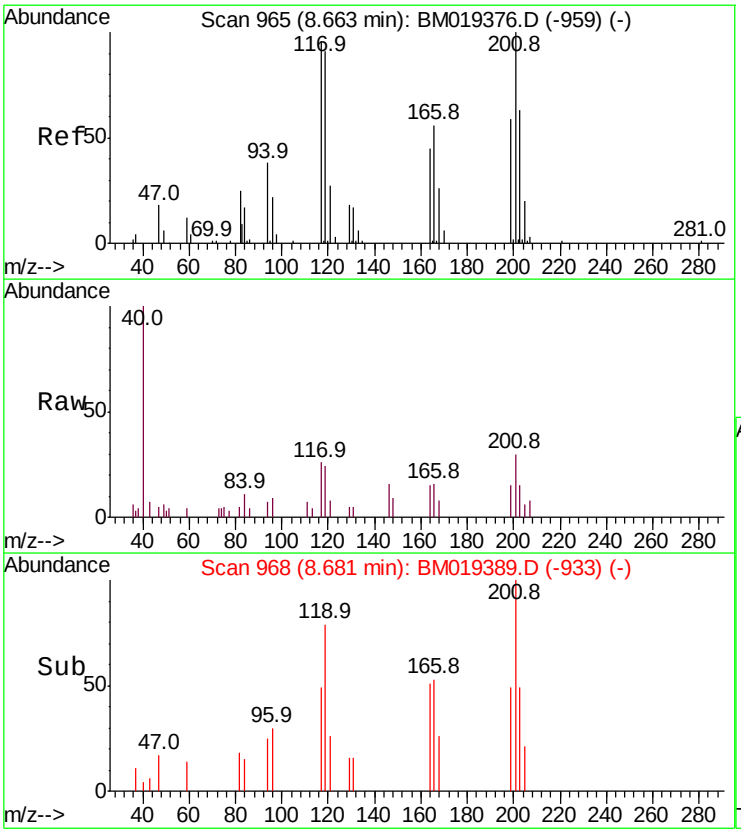
#11
2-Methylphenol
Concen: 65.426 ng/ul
RT: 8.06 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 575154

Ion	Ratio	Lower	Upper
108	100		
107	90.2	74.1	111.1

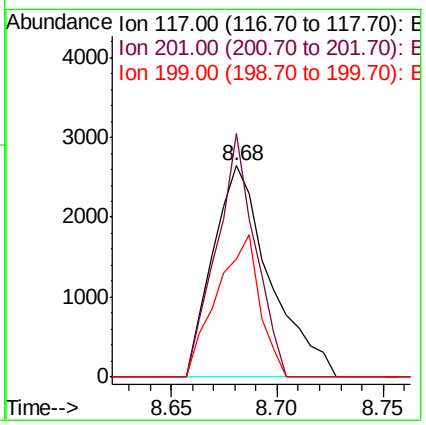


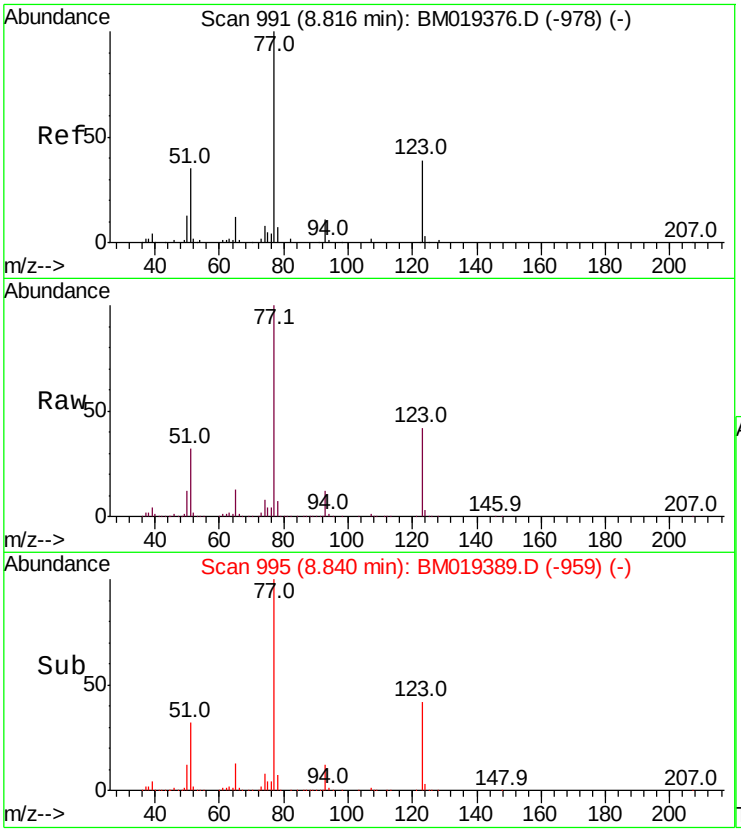


#17
Hexachloroethane
Concen: 1.267 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.01 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Tgt Ion:117 Resp: 4956

Ion	Ratio	Lower	Upper
117	100		
201	115.3	96.1	144.1
199	56.0	59.7	89.5#



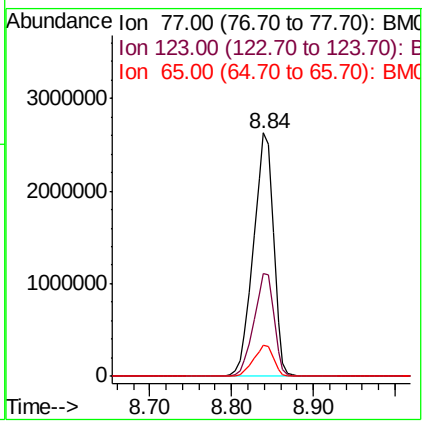


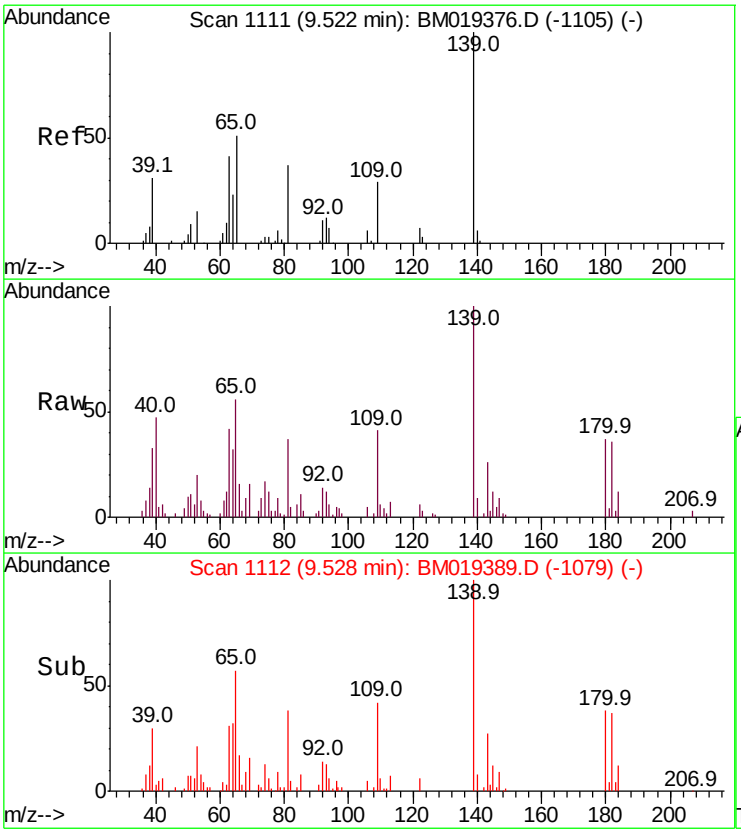
#20
Nitrobenzene
Concen: 409.599 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.01 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 4514073

Ion	Ratio	Lower	Upper
77	100		
123	42.3	31.8	47.8
65	12.7	10.6	16.0

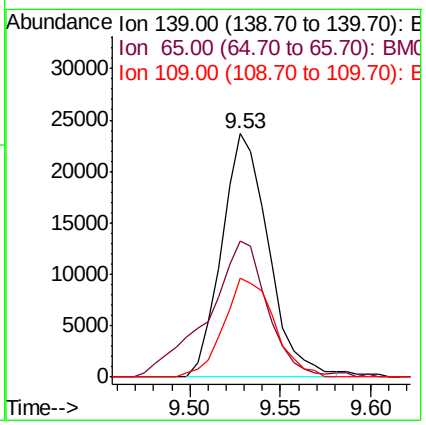


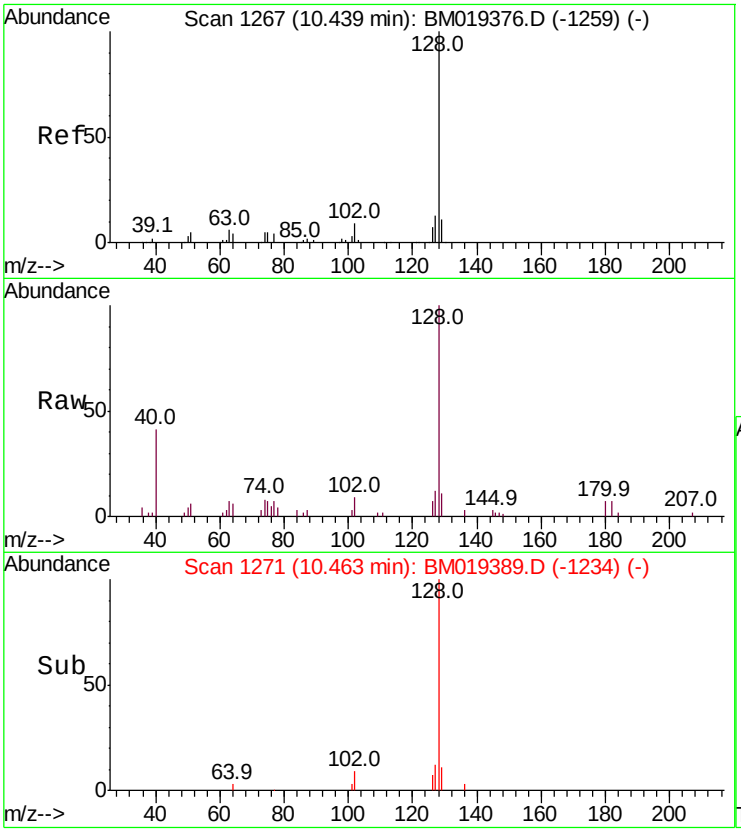


#23
2-Nitrophenol
Concen: 9.346 ng/ul
RT: 9.53 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Tgt Ion:139 Resp: 42480

Ion	Ratio	Lower	Upper
139	100		
65	55.9	45.3	67.9
109	40.7	27.7	41.5



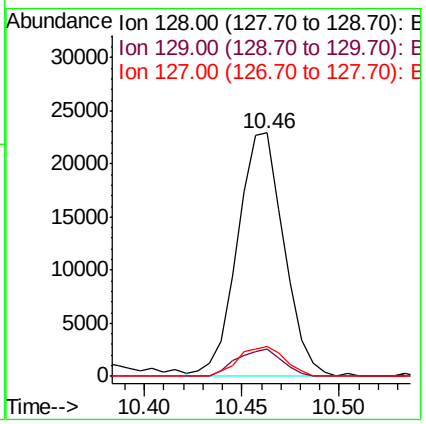


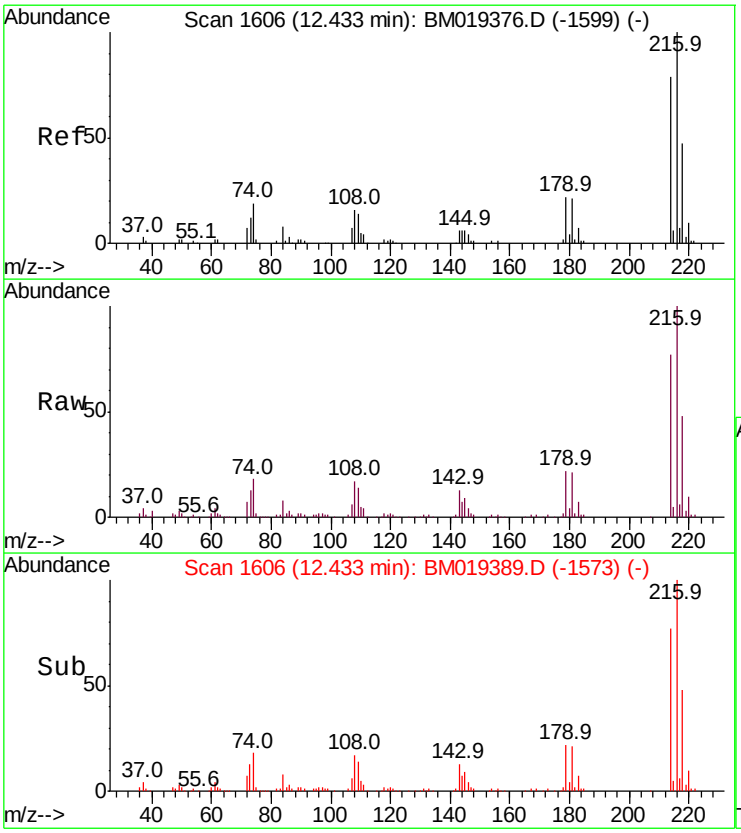
#28
Naphthalene
Concen: 1.404 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. 0.02 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 37755

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	12.4	10.8	16.2

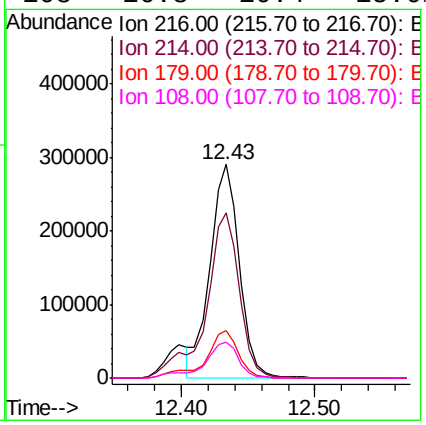


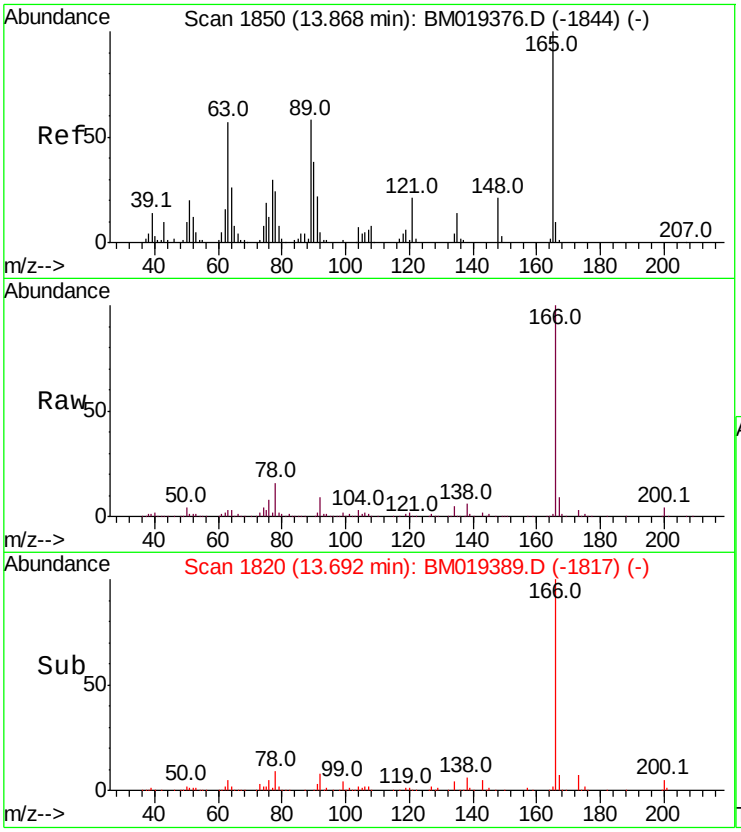


#37
1,2,4,5-Tetrachlorobenzene
Concen: 51.393 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Tgt Ion:216 Resp: 448343

Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.1	96.1
179	22.3	14.5	21.7#
108	16.8	10.4	15.6#



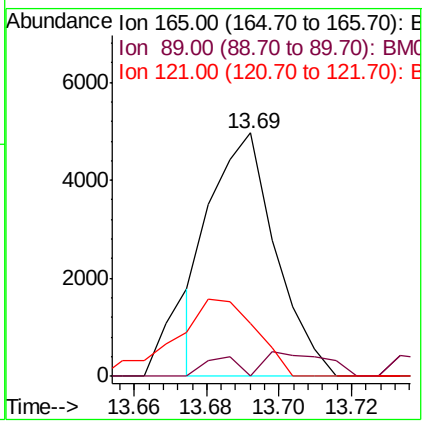


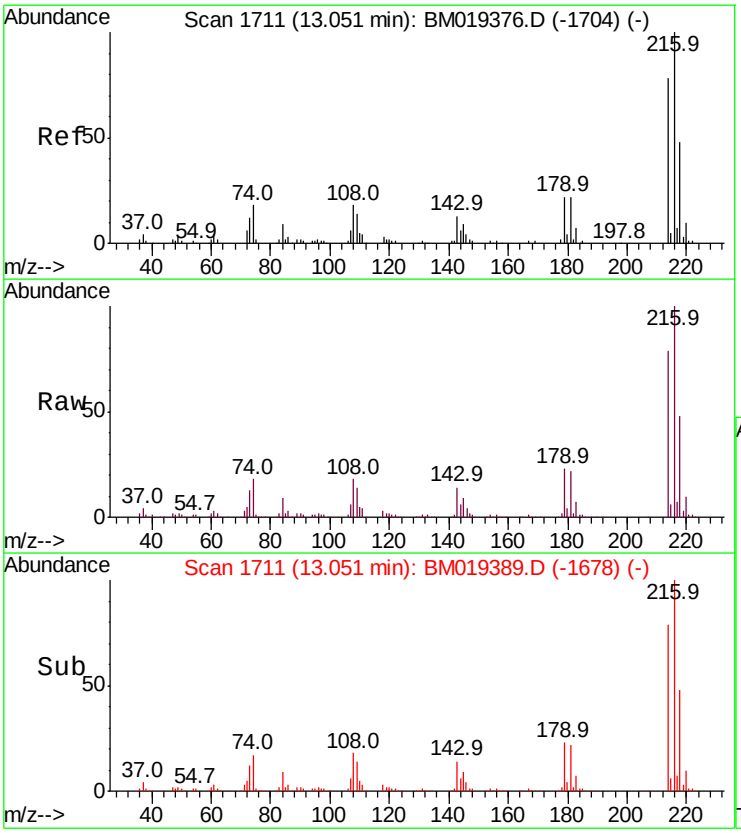
#46
2,6-Dinitrotoluene
Concen: 1.531 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.18 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 6239

Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	21.9	17.8	26.6

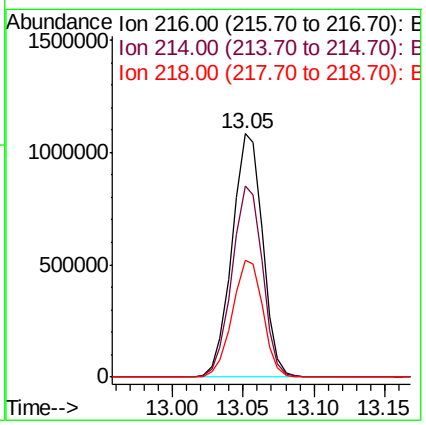


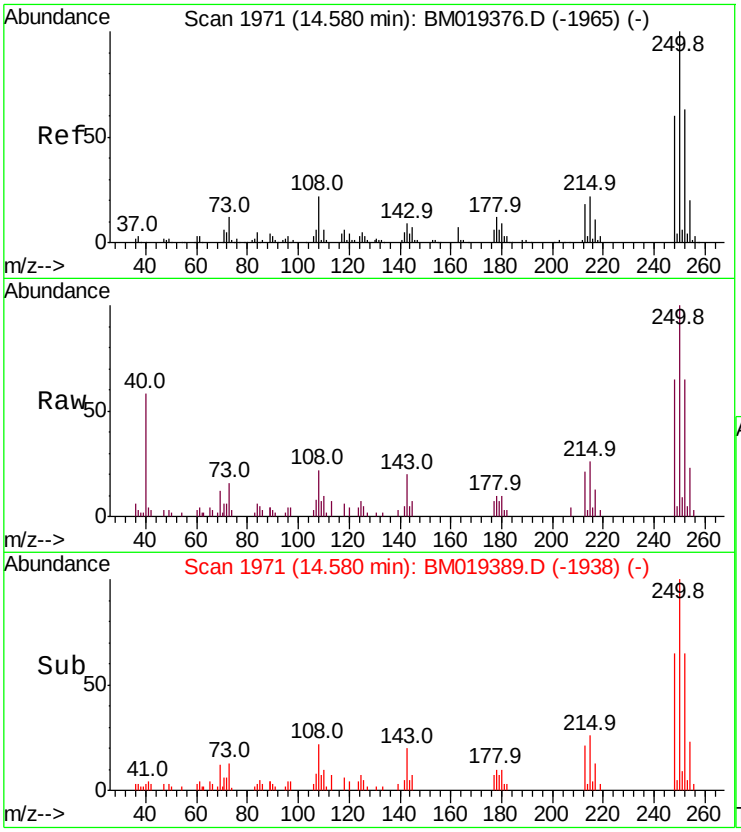


#73
1,2,3,4-Tetrachlorobenzene
Concen: 193.954 ng/uL
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Tgt Ion:216 Resp: 1640246

Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.1	96.1
218	47.8	39.4	59.0





#74
Pentachlorobenzene
Concen: 2.855 ng/uL
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM019389.D
Acq: 24 Mar 2019 13:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 25253

Ion	Ratio	Lower	Upper
250	100		
248	65.1	51.4	77.2
252	64.7	49.8	74.6