Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019391.D
Acq On : 24 Mar 2019 14:37
Operator : JU/SJ
Sample : K2027-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 25 03:03:29 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	7.65	152	152607	20.00	ng/ul	0.04
18) Naphthalene-d8	10.40	136	543493	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	288661	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	621302	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	656398	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	746051	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	12151	3.12	ng/uL	0.00
5) Phenol-d5	6.79	99	85712	6.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	249416	27.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	260114	25.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	161400	15.82	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	152688	39.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	173070	40.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	285193	35.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	11386	1.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	891951	38.30	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1140276	39.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	13373	3.66	ng/ul	0.02
58) Fluorene-d10	15.26	176	765548	38.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	138308	33.66	ng/ul	-0.01
71) Anthracene-d10	17.12	188	1190608	39.93	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1297325	42.79	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1492101	37.73	ng/ul	-0.02
Target Compounds						Qvalue
11) 2-Methylphenol	8.02	108	341798	34.560	ng/ul	93
20) Nitrobenzene	8.83	77	3208637	278.026	ng/ul	96
23) 2-Nitrophenol	9.53	139	6873	1.444	ng/ul#	80
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	744461	81.048	ng/ul#	96
53) 4-Nitrophenol	14.58	109	3166	1.108	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	2997050	332.720	ng/uL	99
74) Pentachlorobenzene	14.58	250	70802	7.515	ng/uL	96

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

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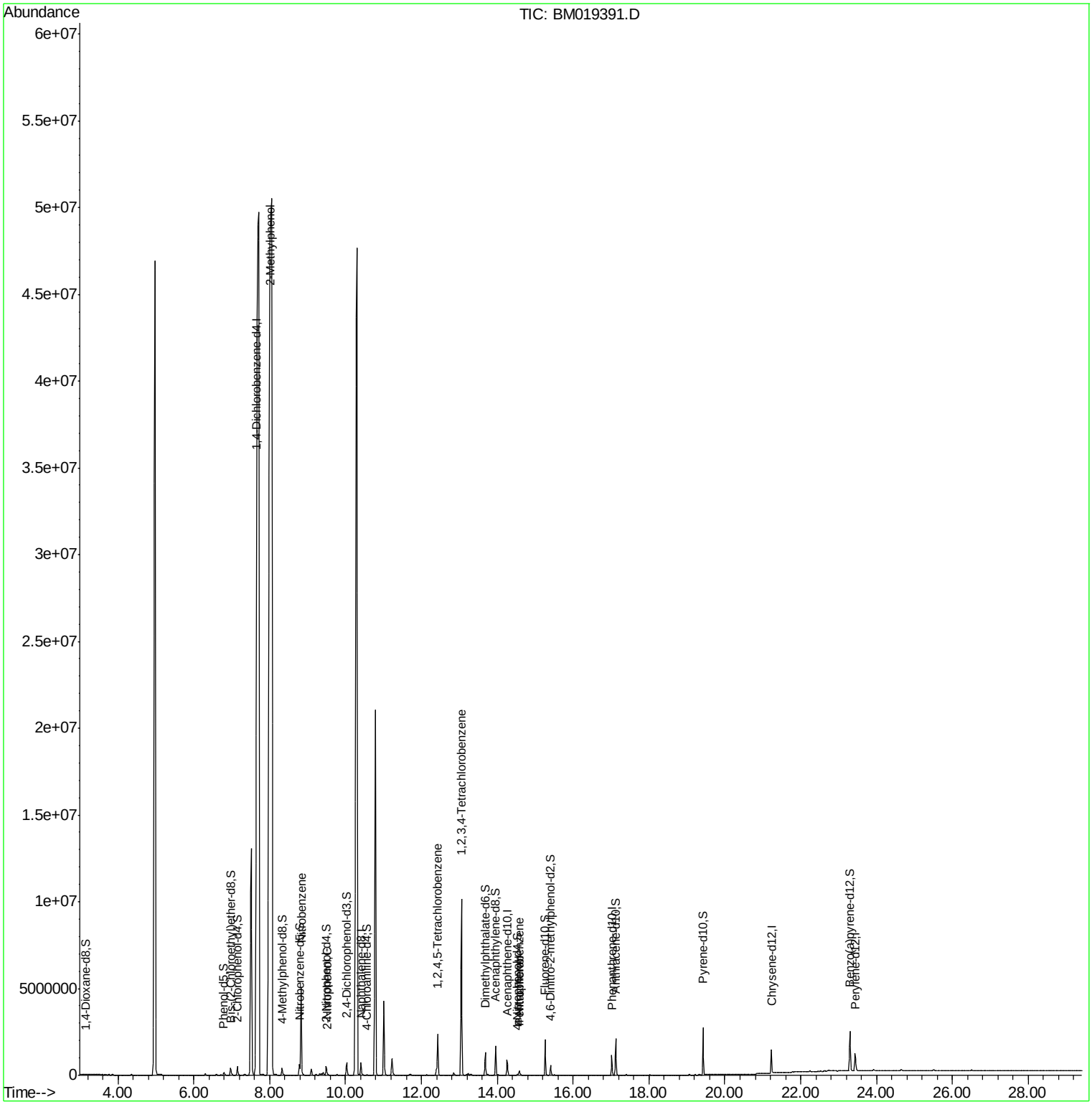
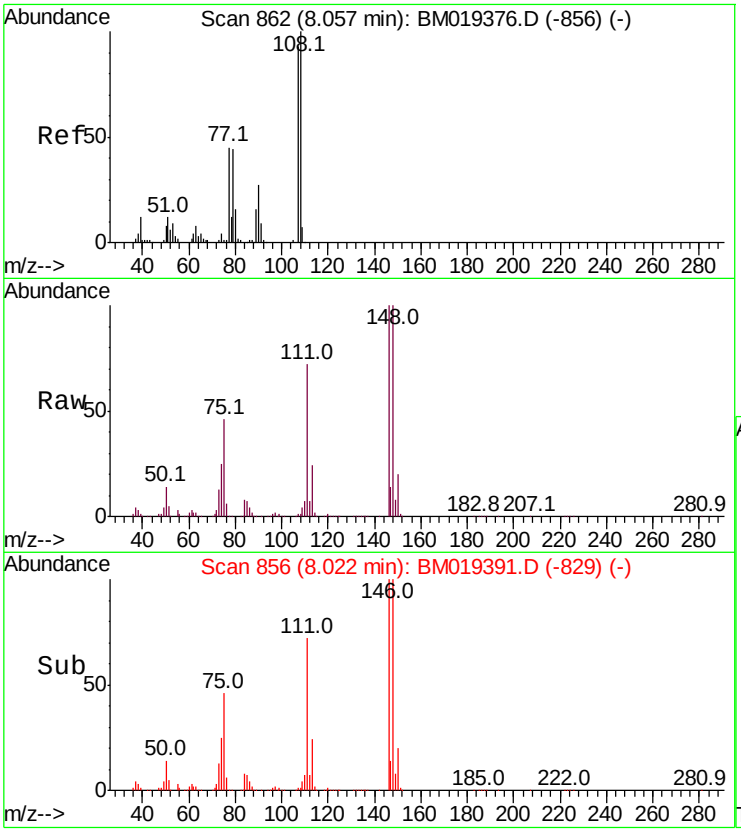


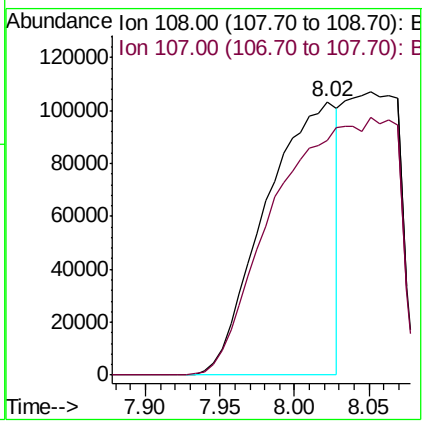


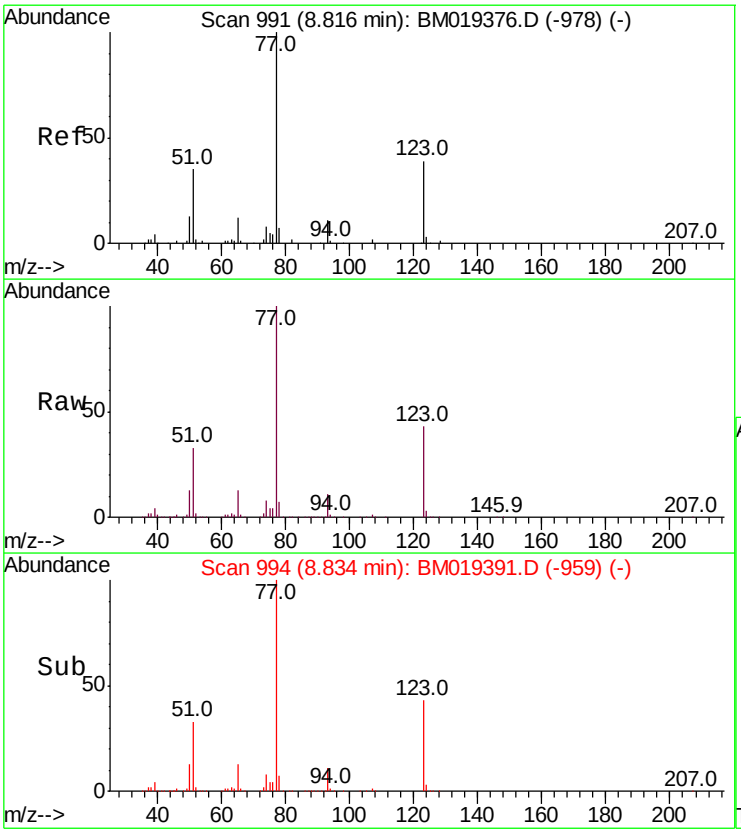
#11
2-Methylphenol
Concen: 34.560 ng/ul
RT: 8.02 min Scan# 856
Delta R.T. -0.04 min
Lab File: BM019391.D
Acq: 24 Mar 2019 14:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 341798

Ion	Ratio	Lower	Upper
108	100		
107	85.8	74.1	111.1

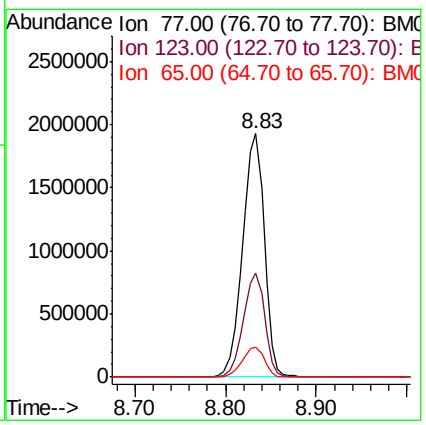


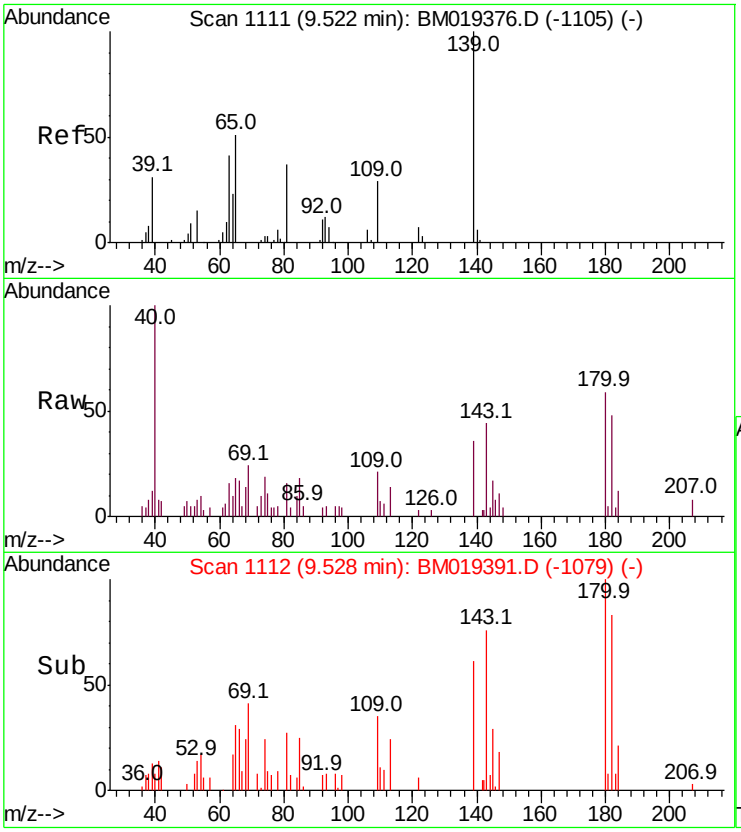


#20
Nitrobenzene
Concen: 278.026 ng/ul
RT: 8.83 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM019391.D
Acq: 24 Mar 2019 14:37

Tgt Ion: 77 Resp: 3208637

Ion	Ratio	Lower	Upper
77	100		
123	42.8	31.8	47.8
65	12.5	10.6	16.0



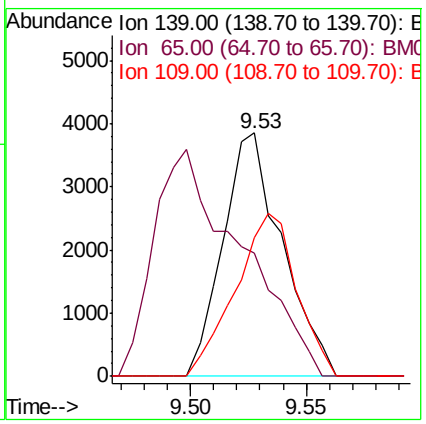


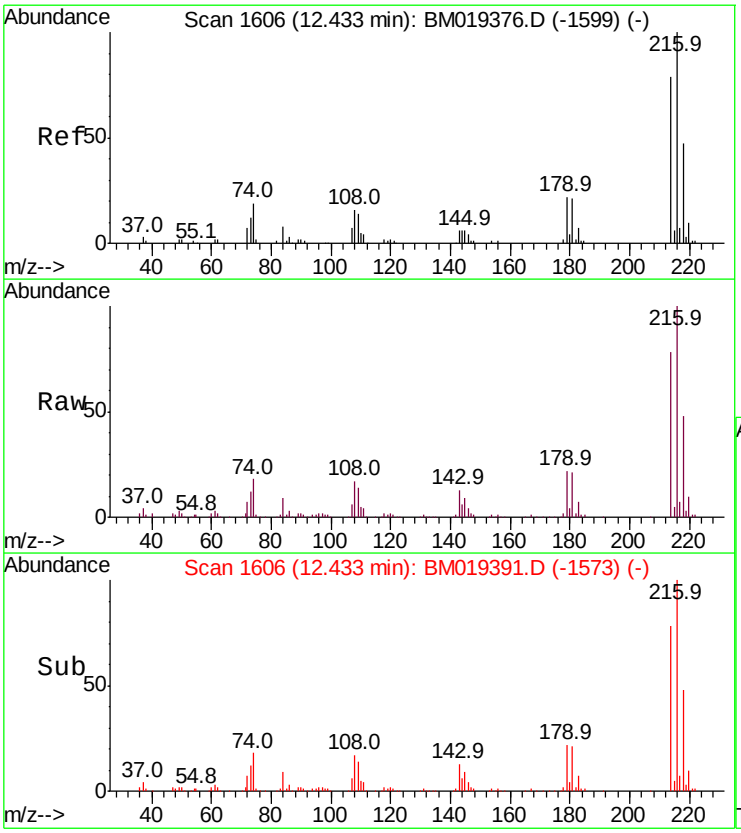
#23
2-Nitrophenol
Concen: 1.444 ng/ul
RT: 9.53 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM019391.D
Acq: 24 Mar 2019 14:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 6873

Ion	Ratio	Lower	Upper
139	100		
65	50.7	45.3	67.9
109	57.0	27.7	41.5#

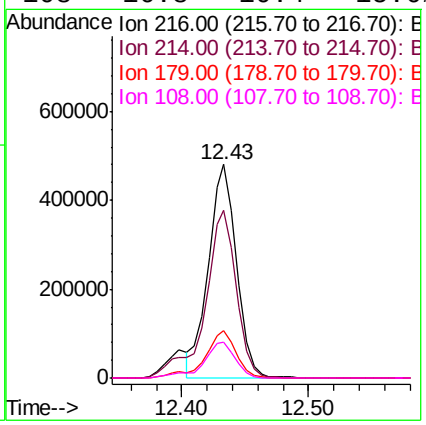


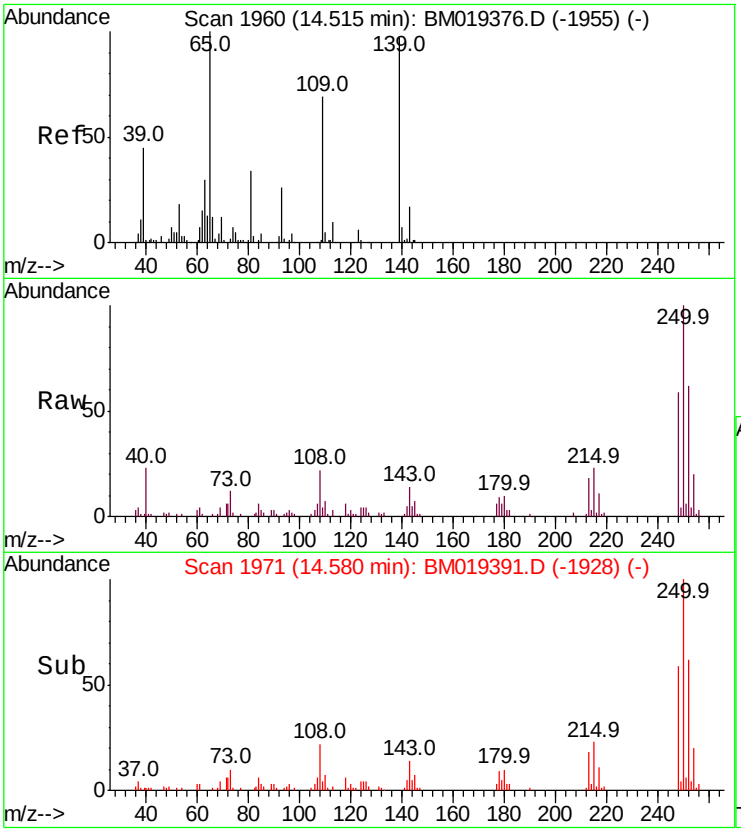


#37
1,2,4,5-Tetrachlorobenzene
Concen: 81.048 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BM019391.D
Acq: 24 Mar 2019 14:37

Tgt Ion:216 Resp: 744461

Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.1	96.1
179	22.0	14.5	21.7#
108	16.8	10.4	15.6#



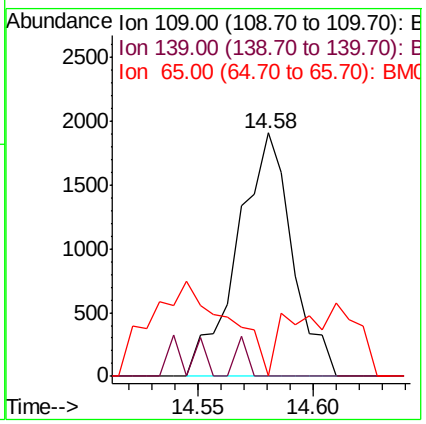


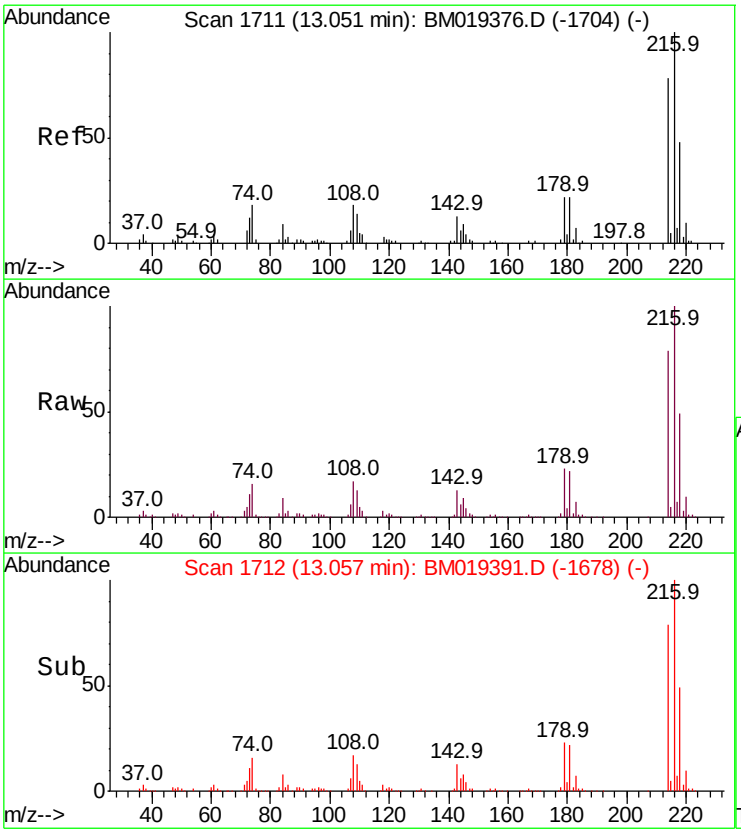
#53
4-Nitrophenol
Concen: 1.108 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.05 min
Lab File: BM019391.D
Acq: 24 Mar 2019 14:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 3166

Ion	Ratio	Lower	Upper
109	100		
139	0.0	91.2	136.8#
65	0.0	92.6	139.0#

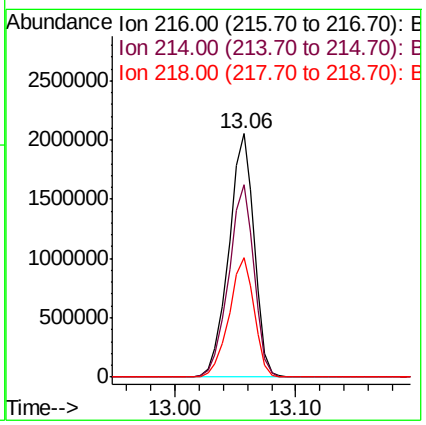


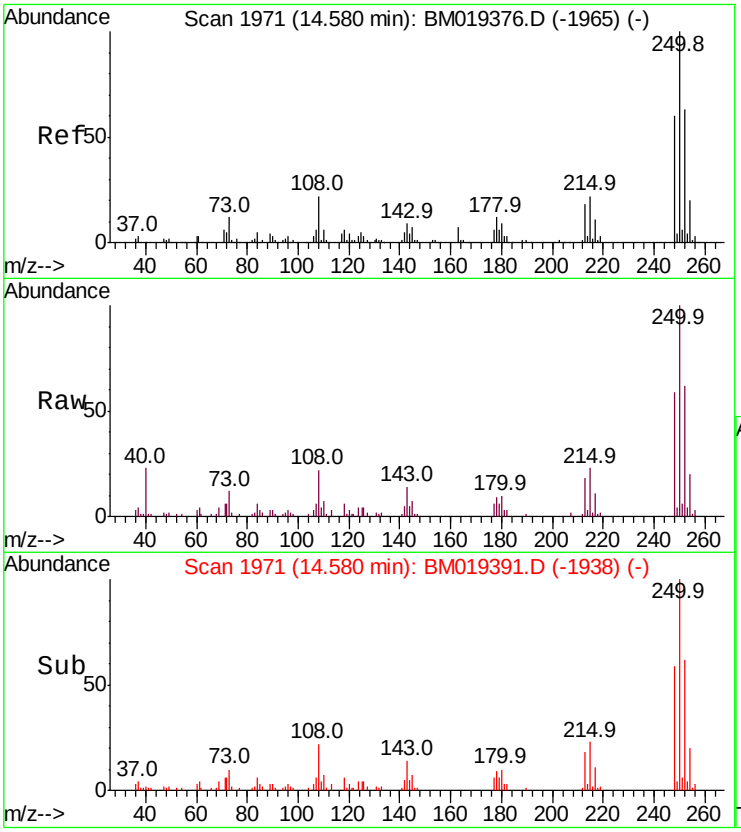


#73
1,2,3,4-Tetrachlorobenzene
Concen: 332.720 ng/uL
RT: 13.06 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM019391.D
Acq: 24 Mar 2019 14:37

Tgt Ion:216 Resp: 2997050

Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.1	96.1
218	48.8	39.4	59.0





#74
Pentachlorobenzene
Concen: 7.515 ng/uL
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM019391.D
Acq: 24 Mar 2019 14:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 70802

Ion	Ratio	Lower	Upper
250	100		
248	59.1	51.4	77.2
252	61.6	49.8	74.6