Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
Data File : BM011614.D
Acq On : 19 Sep 2017 21:03
Operator : SJ/JU
Sample : I5271-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH5

Quant Time: Sep 20 05:50:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 05:31:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	418399	20.00	ng/ul	0.04
18) Naphthalene-d8	10.80	136	1894890	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	1093047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2439268	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2567817	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2292308	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	42564	4.58	ng/uL	0.00
5) Phenol-d5	7.12	99	212113	5.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	708297	26.16	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	636114	21.01	ng/ul	0.01
13) 4-Methylphenol-d8	8.67	113	389885	12.43	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	392346	27.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	417228	27.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	733371	24.36	ng/ul	0.01
29) 4-Chloroaniline-d4	10.92	131	14555	0.44	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2524190	27.32	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2939867	26.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	69534	4.00	ng/ul	0.00
58) Fluorene-d10	15.59	176	2198814	27.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	336618	23.72	ng/ul	0.00
71) Anthracene-d10	17.43	188	3509720	29.22	ng/ul	0.00
79) Pyrene-d10	19.72	212	3985368	33.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3260392	29.84	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.36	108	265463	8.779	ng/ul	95
20) Nitrobenzene	9.18	77	143400	4.240	ng/ul	96
28) Naphthalene	10.85	128	153446	1.562	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	1779302	54.876	ng/ul#	96
45) Dimethylphthalate	14.04	163	302286	3.417	ng/ul#	97
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	4131824	127.116	ng/uL	98
74) Pentachlorobenzene	14.92	250	209811	6.364	ng/uL	98

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

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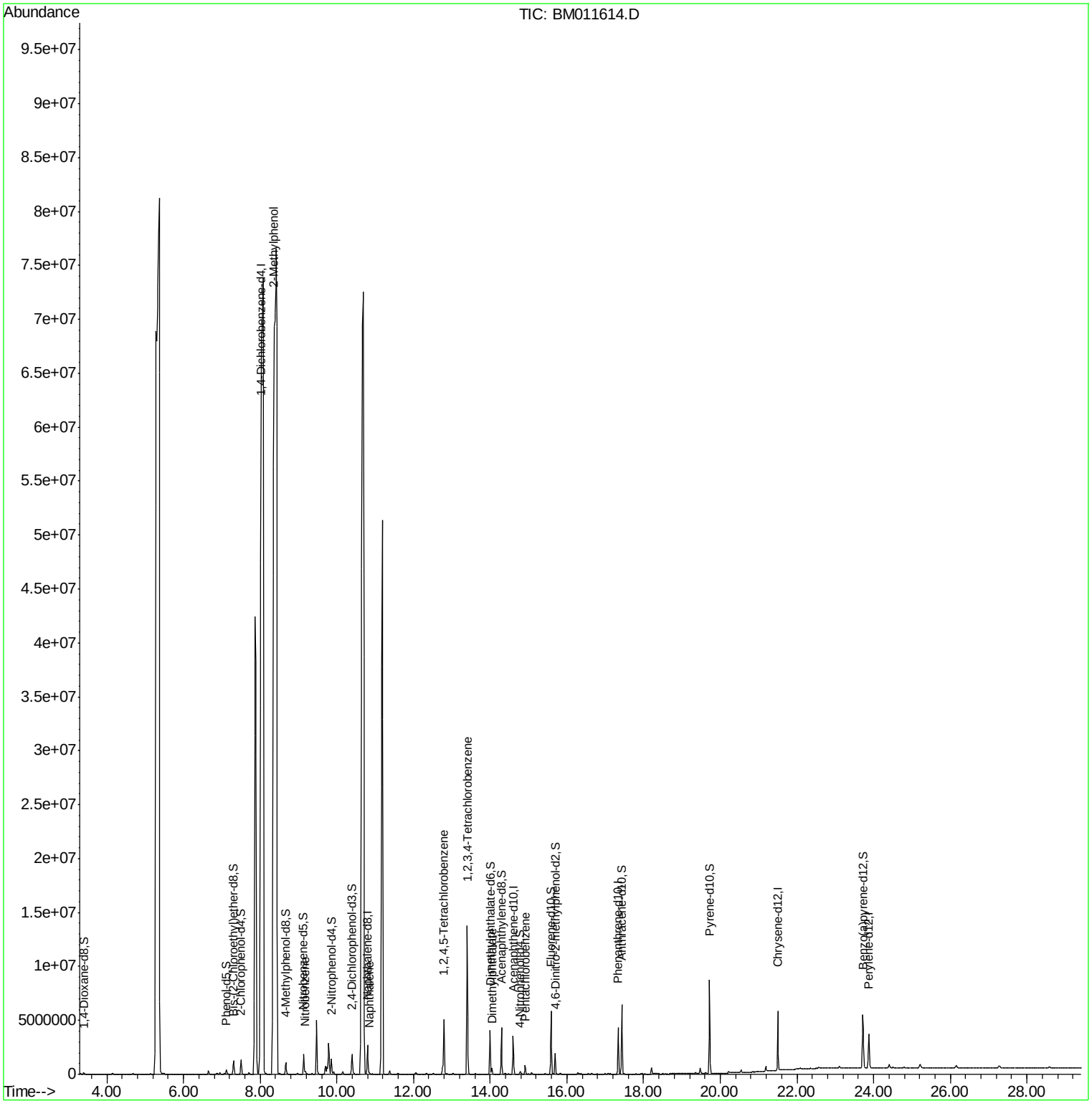
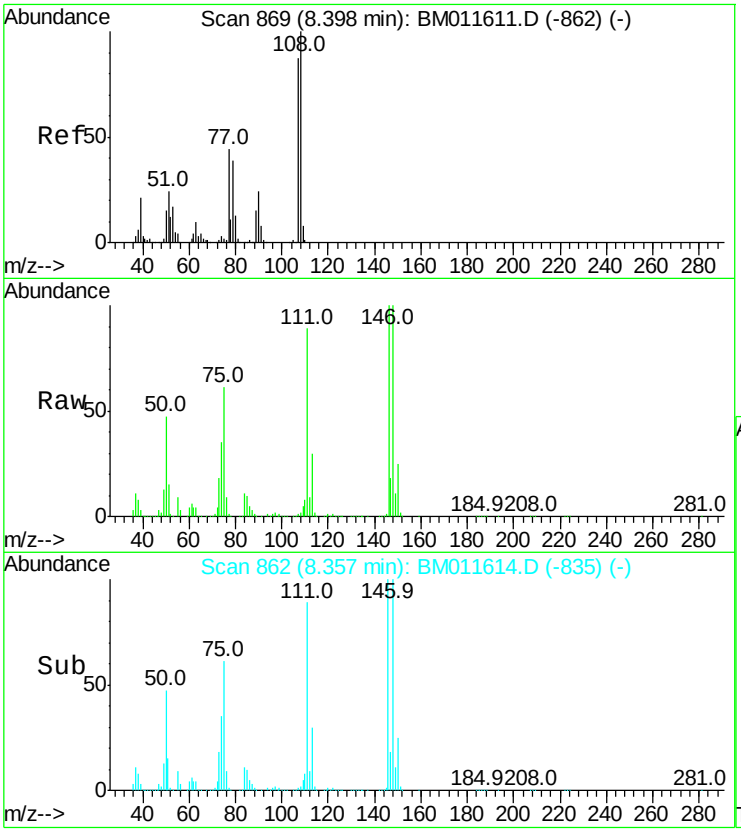


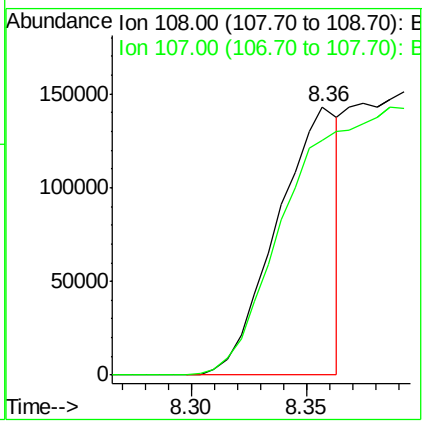


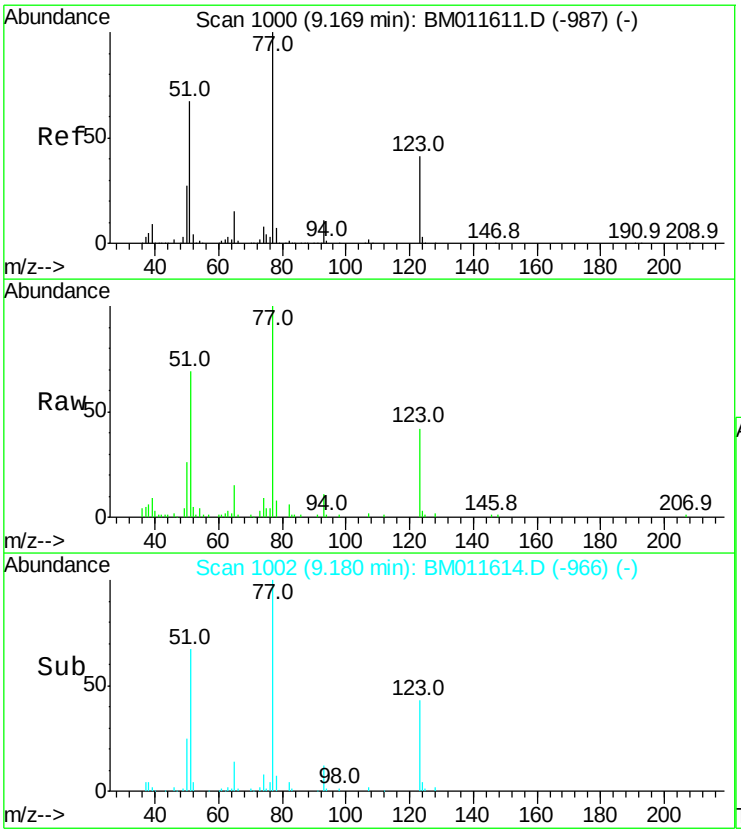
#11
2-Methylphenol
Concen: 8.779 ng/ul
RT: 8.36 min Scan# 862
Delta R.T. -0.04 min
Lab File: BM011614.D
Acq: 19 Sep 2017 21:03

Instrument :
BNA_M
ClientSampleId :
C0AH5

Tgt Ion:108 Resp: 265463

Ion	Ratio	Lower	Upper
108	100		
107	87.4	74.1	111.1

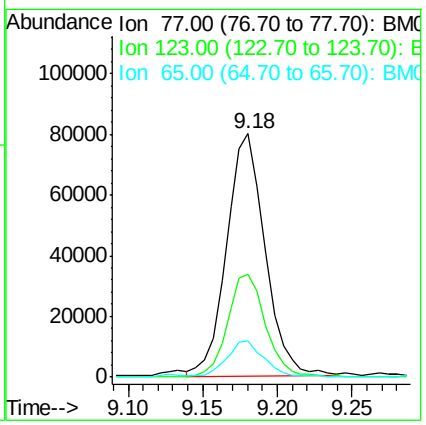


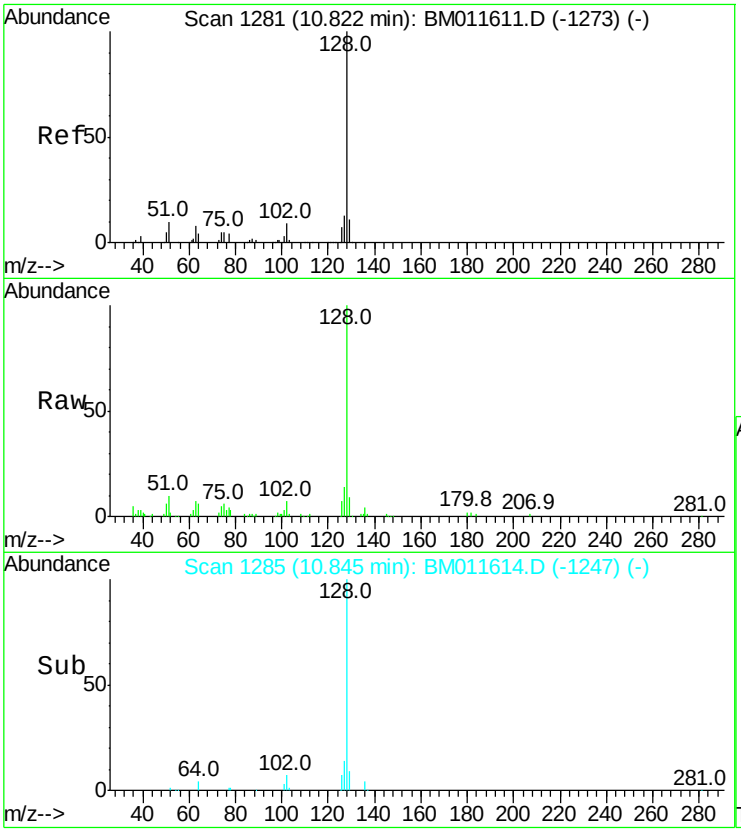


#20
Nitrobenzene
Concen: 4.240 ng/ul
RT: 9.18 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BM011614.D
Acq: 19 Sep 2017 21:03

Tgt Ion: 77 Resp: 143400

Ion	Ratio	Lower	Upper
77	100		
123	42.2	31.8	47.8
65	14.8	10.6	16.0



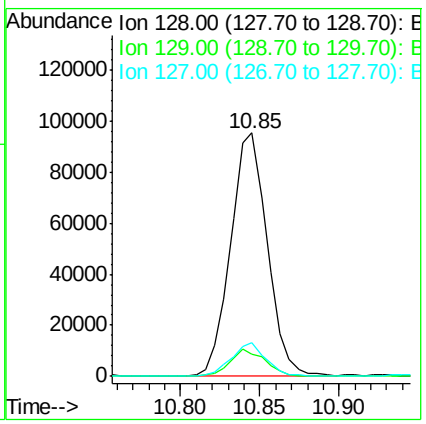


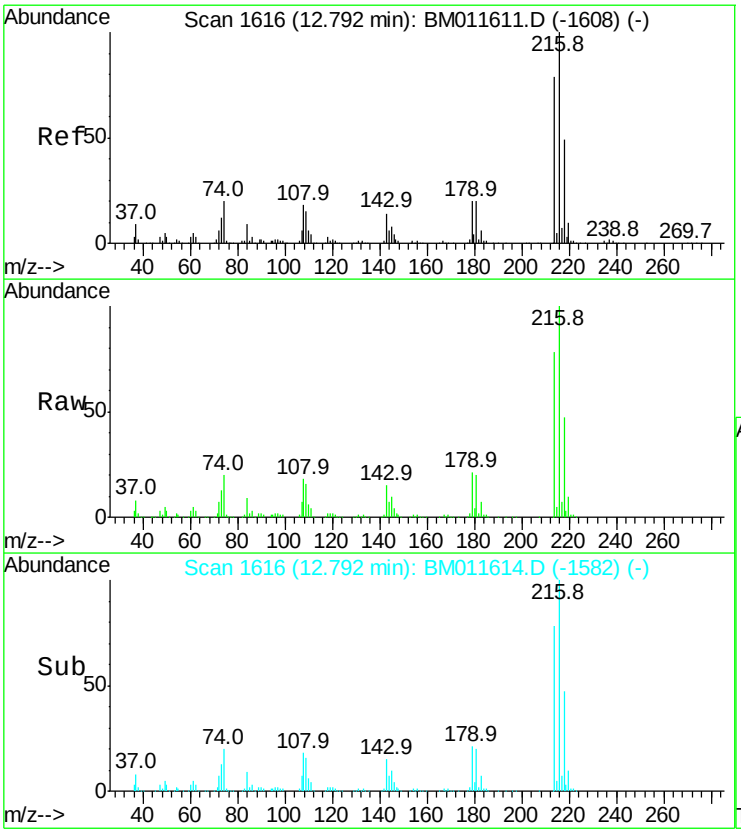
#28
Naphthalene
Concen: 1.562 ng/ul
RT: 10.85 min Scan# 1285
Delta R.T. 0.02 min
Lab File: BM011614.D
Acq: 19 Sep 2017 21:03

Instrument :
BNA_M
ClientSampleId :
C0AH5

Tgt Ion:128 Resp: 153446

Ion	Ratio	Lower	Upper
128	100		
129	9.2	8.3	12.5
127	14.0	10.8	16.2

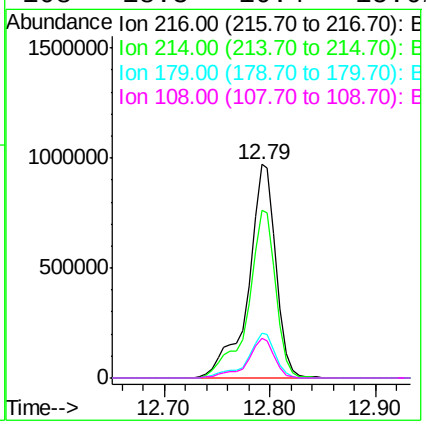


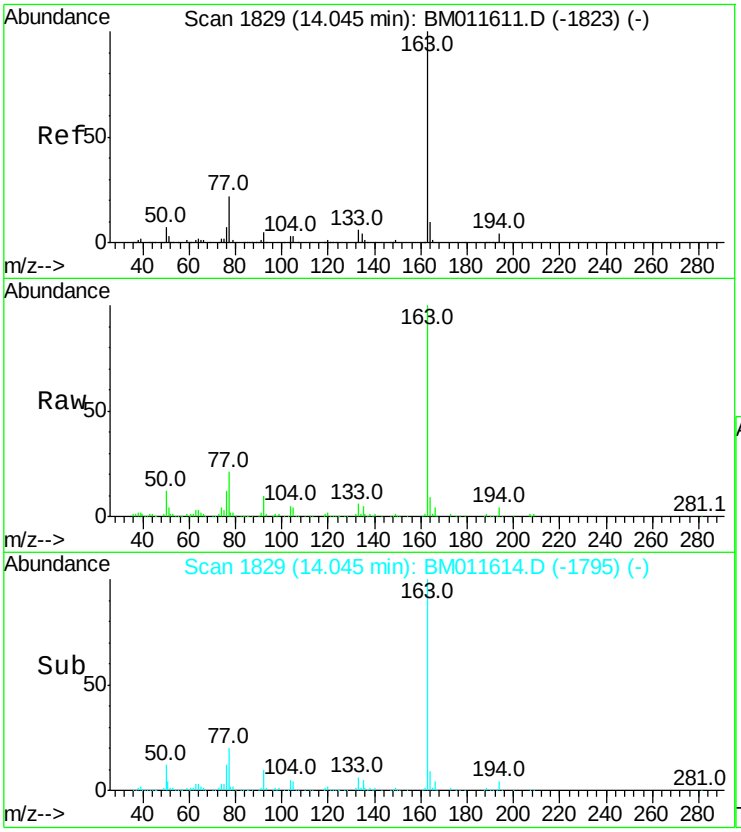


#37
1,2,4,5-Tetrachlorobenzene
Concen: 54.876 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM011614.D
Acq: 19 Sep 2017 21:03

Tgt Ion:216 Resp: 1779302

Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.1	96.1
179	21.2	14.5	21.7
108	18.3	10.4	15.6#



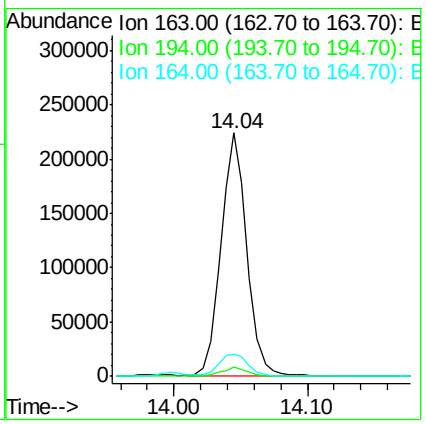


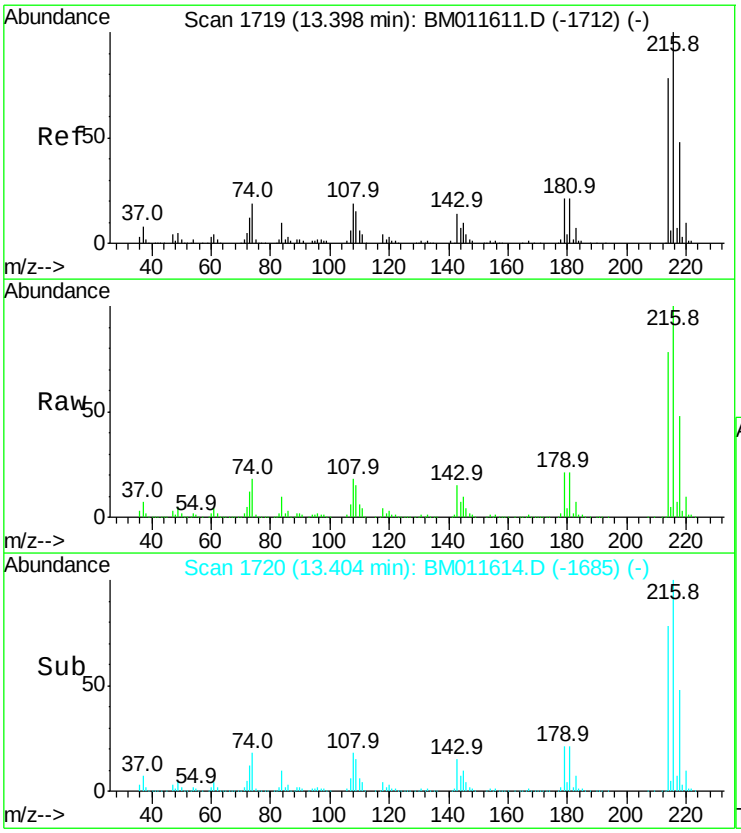
#45
Dimethylphthalate
Concen: 3.417 ng/ul
RT: 14.04 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BM011614.D
Acq: 19 Sep 2017 21:03

Instrument :
BNA_M
ClientSampleId :
C0AH5

Tgt Ion:163 Resp: 302286

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0#
164	9.2	8.4	12.6

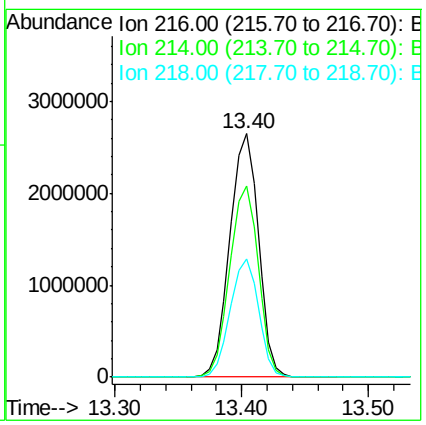


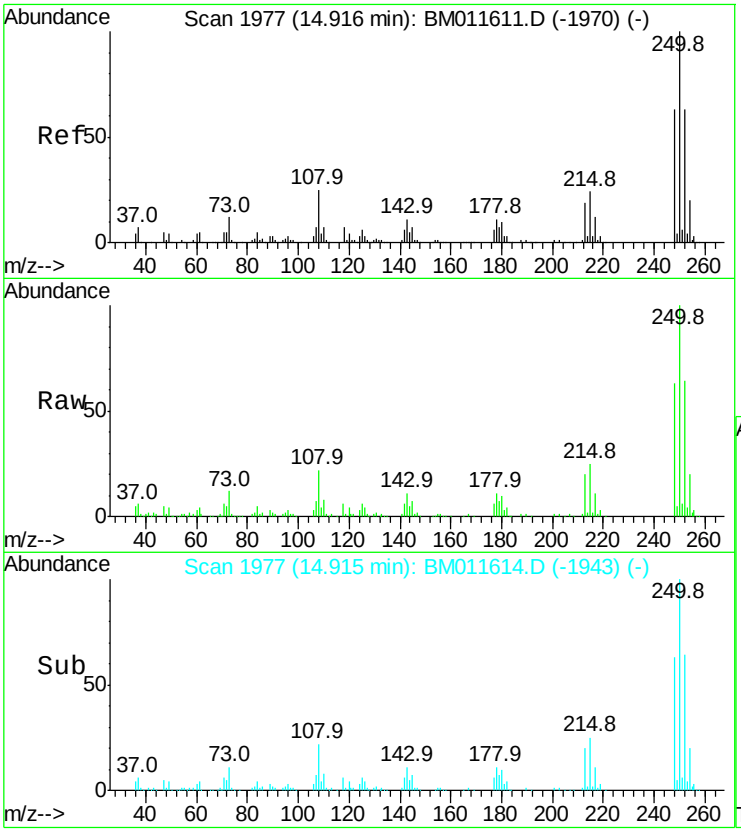


#73
1,2,3,4-Tetrachlorobenzene
Concen: 127.116 ng/uL
RT: 13.40 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BM011614.D
Acq: 19 Sep 2017 21:03

Tgt Ion:216 Resp: 4131824

Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.1	96.1
218	48.3	39.4	59.0





#74
Pentachlorobenzene
Concen: 6.364 ng/uL
RT: 14.92 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM011614.D
Acq: 19 Sep 2017 21:03

Instrument :
BNA_M
ClientSampleId :
C0AH5

Tgt Ion:250 Resp: 209811

Ion	Ratio	Lower	Upper
250	100		
248	62.6	51.4	77.2
252	64.2	49.8	74.6