Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

Quant Time: Oct 29 01:13:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	326994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1439564	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	829470	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1774087	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1890327	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1752852	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	140	0.02	ng/uL	-0.05
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.03	67	235	0.01	ng/ul	0.03
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.15	165	360	0.02	ng/ul	0.09
29) 4-Chloroaniline-d4	10.53	131	1333	0.07	ng/ul	-0.04
44) Dimethylphthalate-d6	13.70	166	6122	0.09	ng/ul	-0.02
47) Acenaphthylene-d8	13.97	160	831	0.01	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.52	143	21946	1.65	ng/ul	0.00
58) Fluorene-d10	15.30	176	7921	0.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	30213	2.44	ng/ul	0.04
71) Anthracene-d10	17.15	188	12515	0.14	ng/ul	0.00
79) Pyrene-d10	19.44	212	4317	0.05	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.38	264	2519	0.03	ng/ul	0.06
Target Compounds						Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	549937	19.727	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	34089	2.465	ng/ul#	30
49) 3-Nitroaniline	14.19	138	54951	4.215	ng/ul#	13
53) 4-Nitrophenol	14.52	109	35735	3.547	ng/ul#	4
60) 4-Chlorophenyl-phenylether	15.37	204	39304	1.133	ng/ul#	1
65) N-Nitrosodiphenylamine	15.57	169	191517	3.592	ng/ul#	48
70) Phenanthrene	17.10	178	268285	2.634	ng/ul#	35
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	639646	25.572	ng/uL	98
74) Pentachlorobenzene	14.62	250	36631	1.423	ng/uL	95

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

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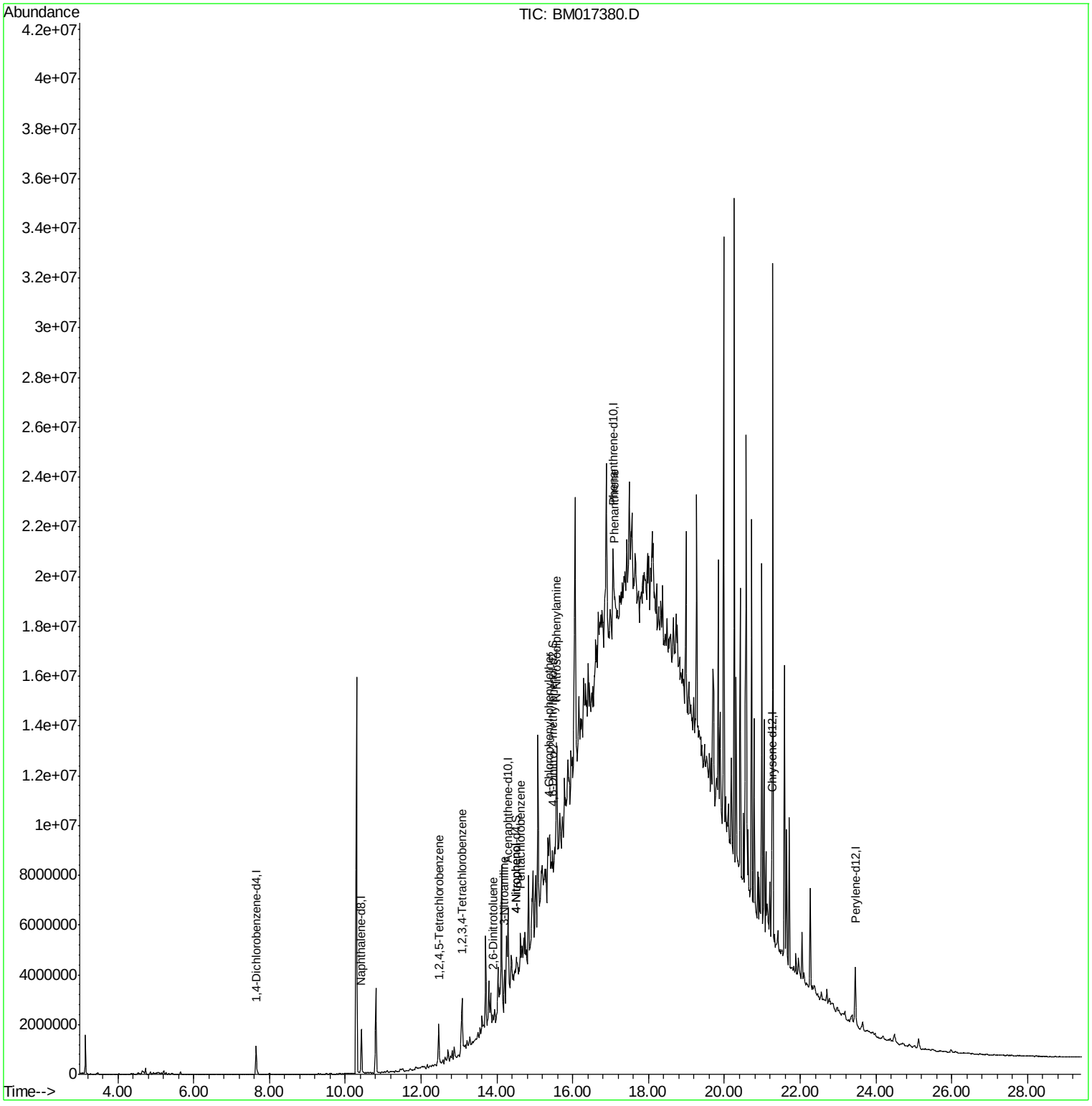
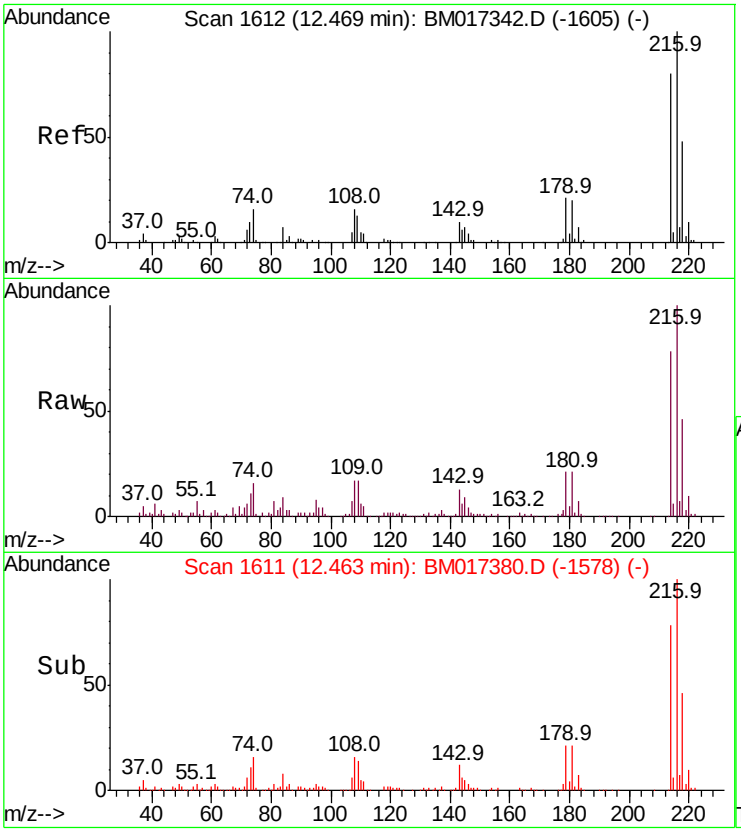


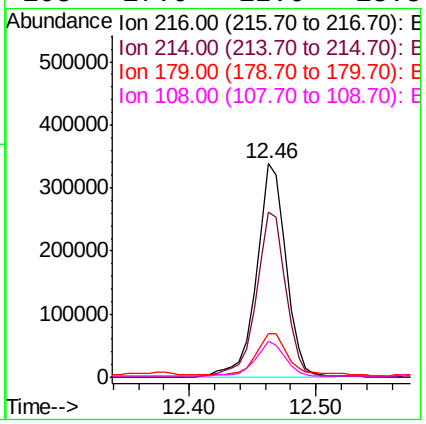


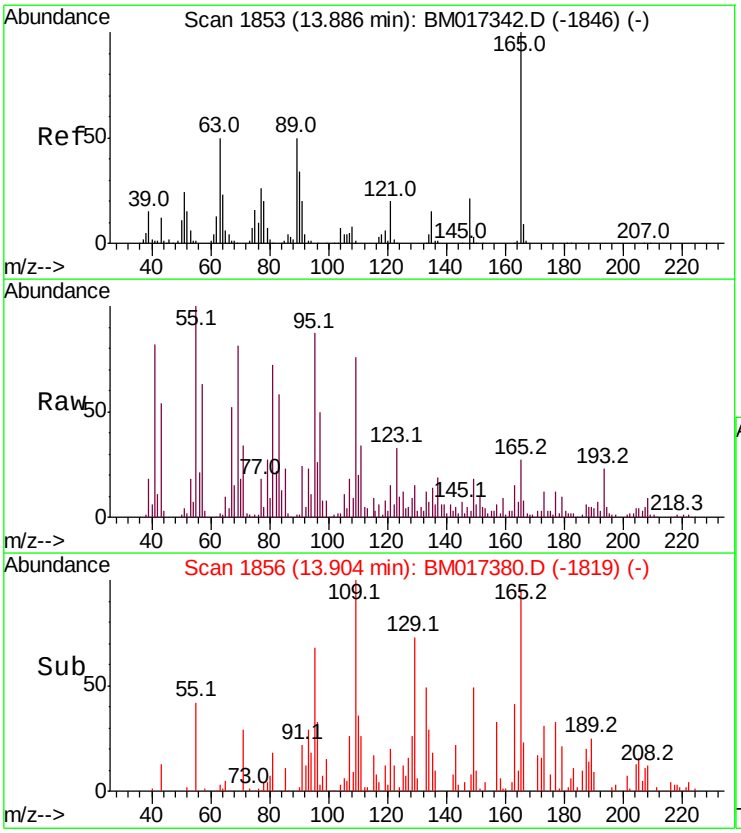
#37
1,2,4,5-Tetrachlorobenzene
Concen: 19.727 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Instrument :
BNA_M
ClientSampleId :
C0BL4

Tgt Ion:216 Resp: 549937

Ion	Ratio	Lower	Upper
216	100		
214	77.6	61.7	92.5
179	20.6	16.0	24.0
108	17.0	12.6	18.8

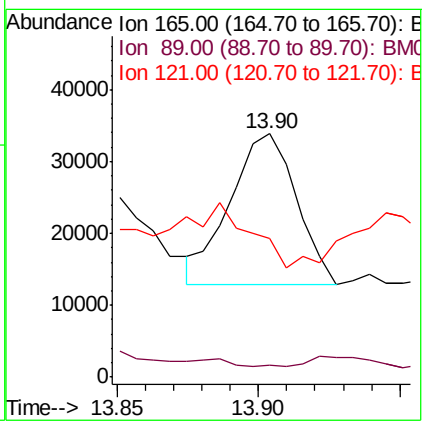


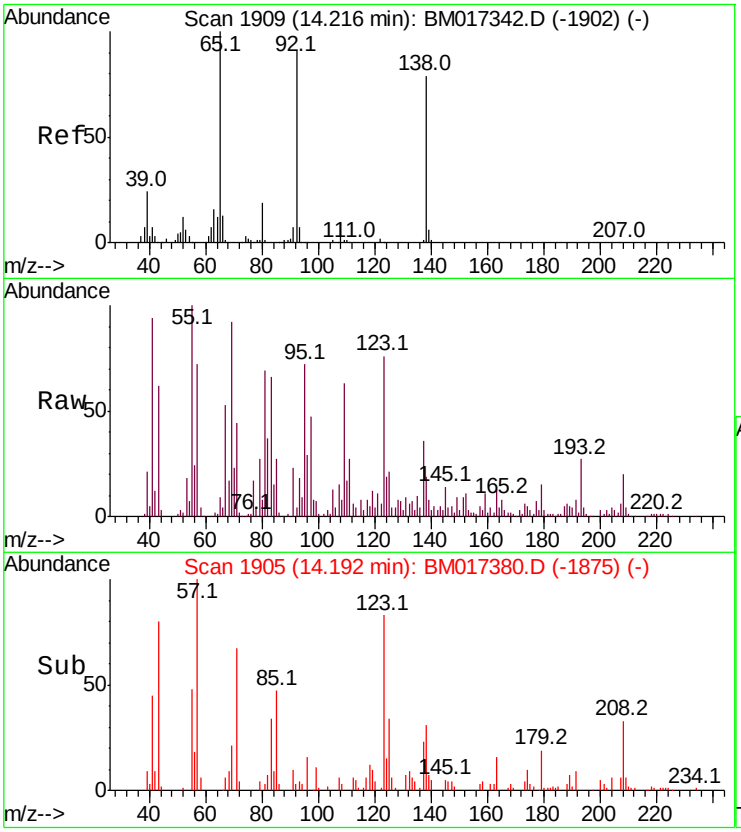


#46
2,6-Dinitrotoluene
Concen: 2.465 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.02 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Tgt Ion:165 Resp: 34089

Ion	Ratio	Lower	Upper
165	100		
89	5.0	44.0	66.0#
121	56.8	17.8	26.8#



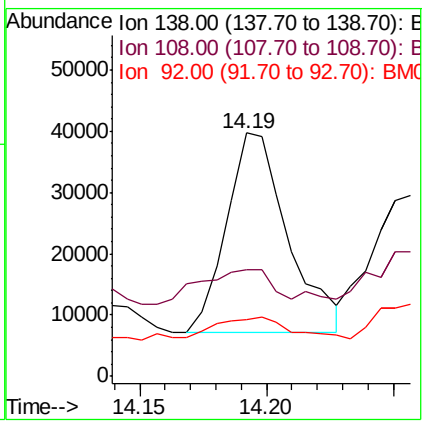


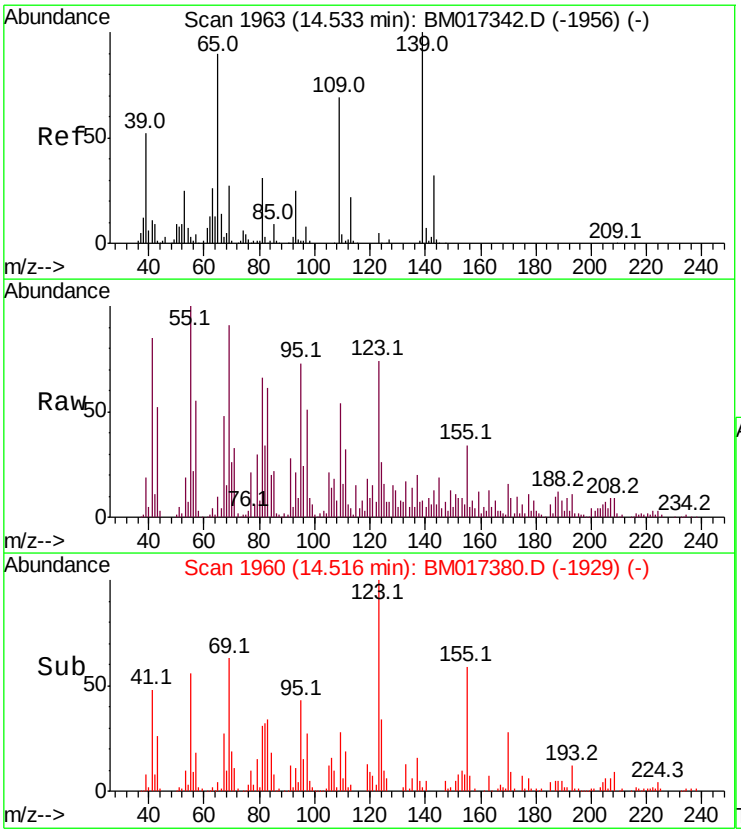
#49
3-Nitroaniline
Concen: 4.215 ng/ul
RT: 14.19 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Instrument :
BNA_M
ClientSampleId :
C0BL4

Tgt Ion:138 Resp: 54951

Ion	Ratio	Lower	Upper
138	100		
108	43.9	9.0	13.4#
92	23.3	97.1	145.7#

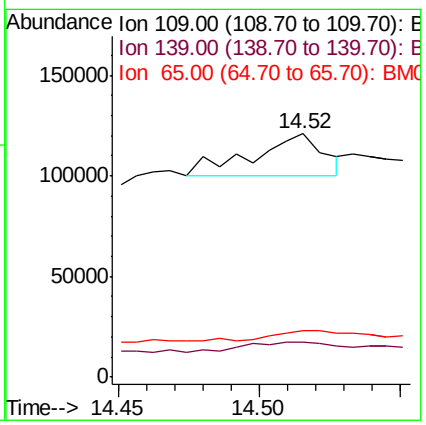


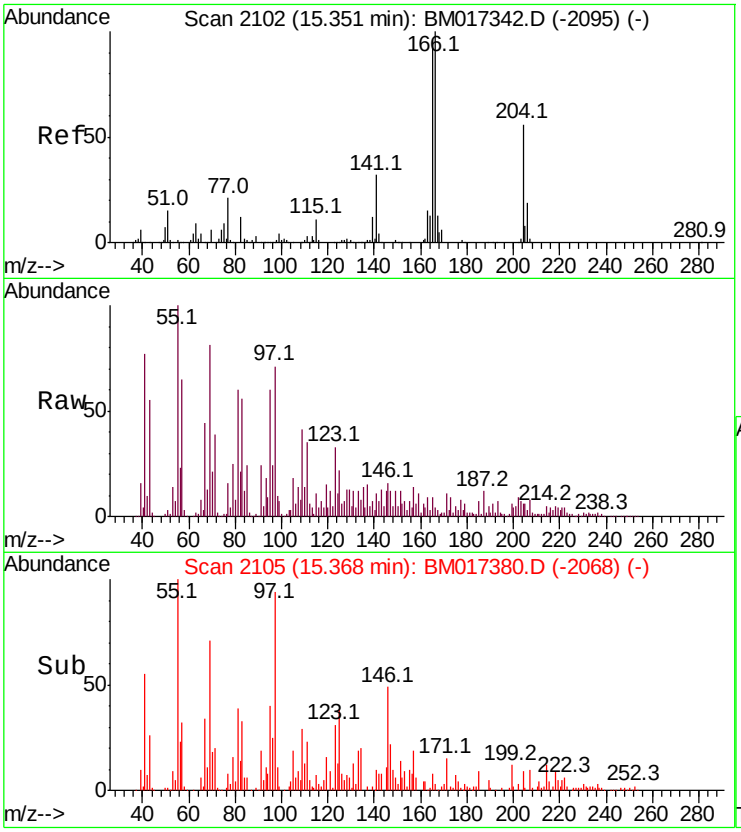


#53
4-Nitrophenol
Concen: 3.547 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Tgt Ion:109 Resp: 35735

Ion	Ratio	Lower	Upper
109	100		
139	14.4	103.4	155.0#
65	19.0	101.0	151.6#



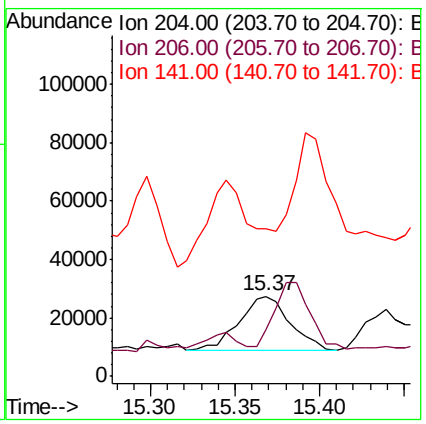


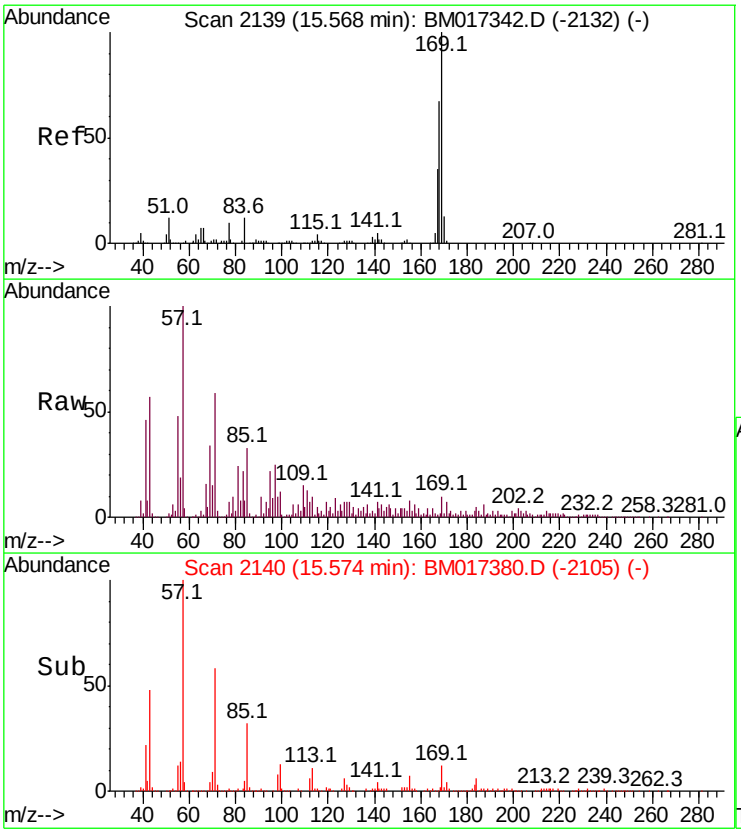
#60
4-Chlorophenyl-phenylether
Concen: 1.133 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. 0.02 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Instrument :
BNA_M
ClientSampleId :
C0BL4

Tgt Ion:204 Resp: 39304

Ion	Ratio	Lower	Upper
204	100		
206	57.3	25.9	38.9#
141	184.0	47.4	71.0#

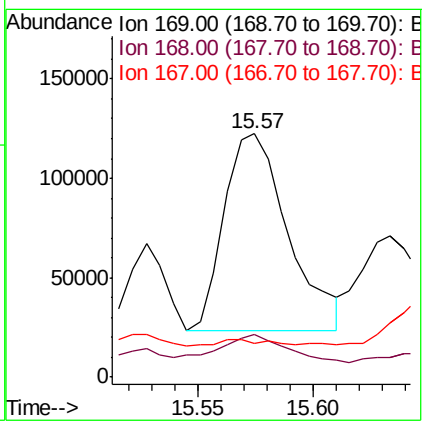


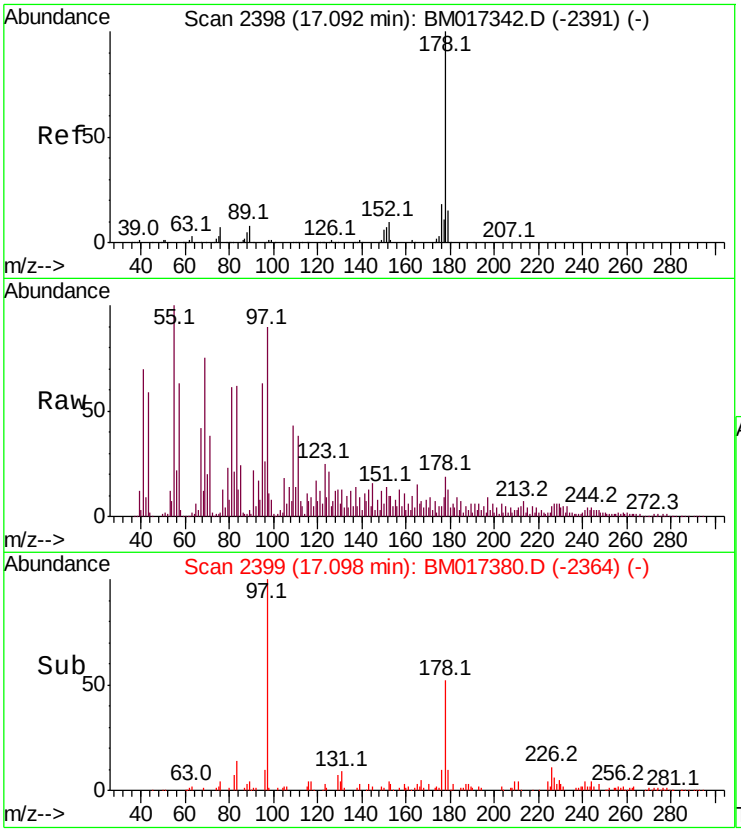


#65
N-Nitrosodiphenylamine
Concen: 3.592 ng/ul
RT: 15.57 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Tgt Ion:169 Resp: 191517

Ion	Ratio	Lower	Upper
169	100		
168	17.7	52.2	78.4#
167	14.0	28.1	42.1#



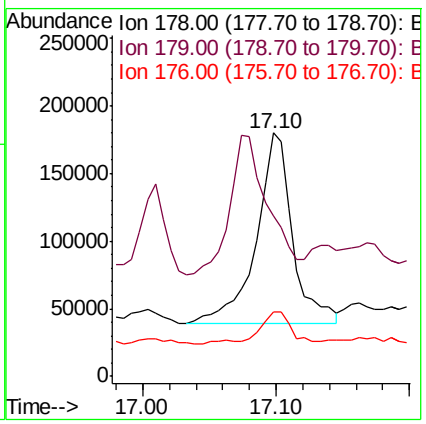


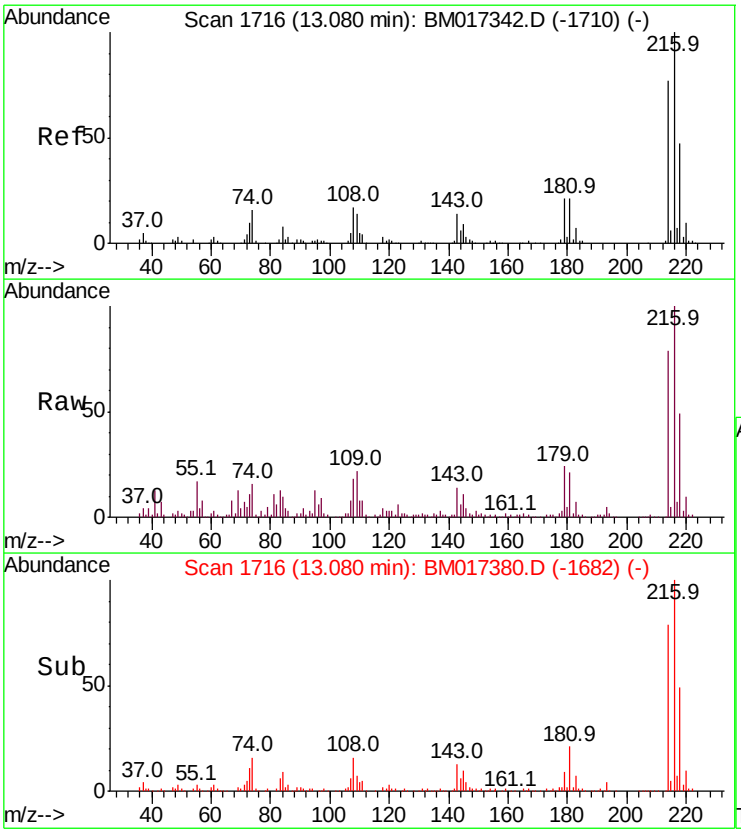
#70
Phenanthrene
Concen: 2.634 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Instrument :
BNA_M
ClientSampleId :
C0BL4

Tgt Ion:178 Resp: 268285

Ion	Ratio	Lower	Upper
178	100		
179	66.0	12.2	18.2#
176	26.7	14.9	22.3#

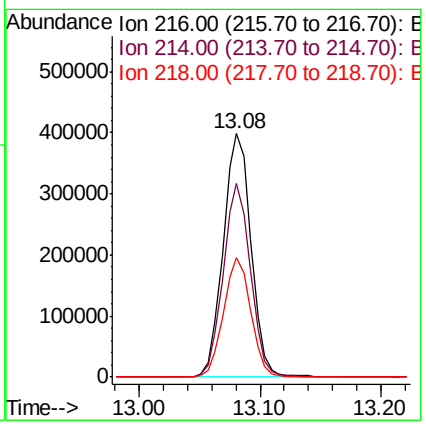


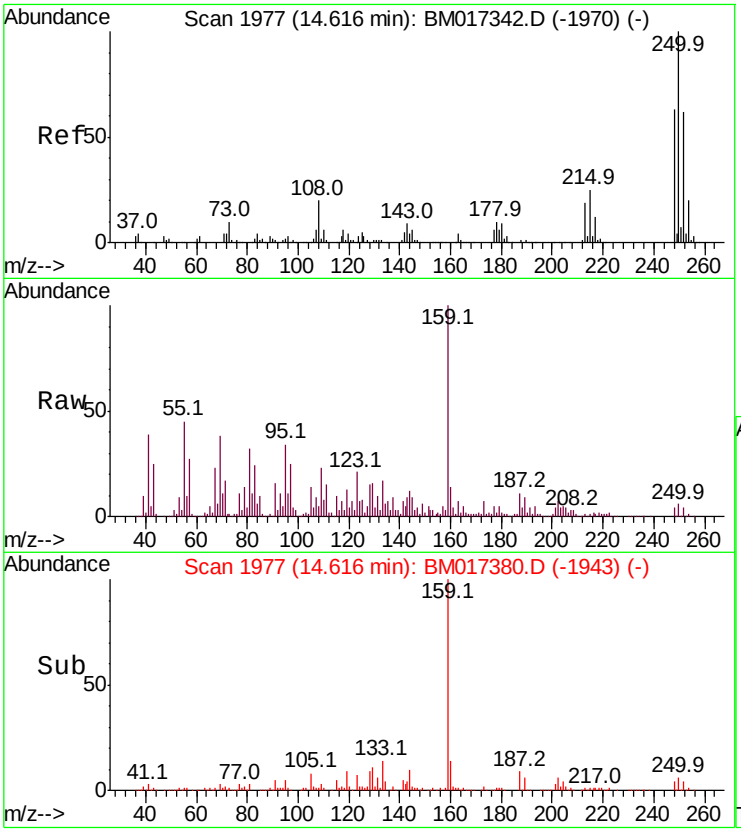


#73
1,2,3,4-Tetrachlorobenzene
Concen: 25.572 ng/uL
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Tgt Ion:216 Resp: 639646

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
218	49.2	37.3	55.9





#74
Pentachlorobenzene
Concen: 1.423 ng/uL
RT: 14.62 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM017380.D
Acq: 27 Oct 2018 10:34

Instrument :
BNA_M
ClientSampleId :
C0BL4

Tgt Ion:250 Resp: 36631

Ion	Ratio	Lower	Upper
250	100		
248	64.4	50.1	75.1
252	67.2	49.4	74.0