Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100518\
Data File : BM017036.D
Acq On : 05 Oct 2018 14:17
Operator : MJ/SJ
Sample : J5250-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0913

Quant Time: Oct 05 23:18:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 23:10:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	227139	20.00	ng/ul	0.05
18) Naphthalene-d8	10.50	136	1388035	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.33	164	751415	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1705199	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1577241	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1397428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	30026	6.57	ng/uL	0.00
5) Phenol-d5	6.87	99	185614	9.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	510389	44.33	ng/ul	0.03
9) 2-Chlorophenol-d4	7.25	132	597792	37.87	ng/ul	0.01
13) 4-Methylphenol-d8	8.41	113	356921	23.99	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	359860	35.47	ng/ul	0.01
22) 2-Nitrophenol-d4	9.57	143	395482	38.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.10	165	666902	31.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	37058	1.45	ng/ul	0.01
44) Dimethylphthalate-d6	13.75	166	2217658	37.20	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2791784	36.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	75163	6.67	ng/ul	0.00
58) Fluorene-d10	15.33	176	1933614	36.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	321939	32.01	ng/ul	0.00
71) Anthracene-d10	17.18	188	2992681	36.74	ng/ul	0.00
79) Pyrene-d10	19.48	212	3184765	44.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2750765	38.45	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	27737	1.460	ng/ul	96
10) 2-Chlorophenol	7.27	128	79697	5.070	ng/ul	98
20) Nitrobenzene	8.91	77	2862121	119.357	ng/ul	96
23) 2-Nitrophenol	9.60	139	45189	3.875	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	2051214	79.498	ng/ul	98
69) Pentachlorophenol	16.73	266	24243	1.859	ng/ul	92
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	4077371	149.829	ng/uL	98
74) Pentachlorobenzene	14.65	250	101767	3.980	ng/uL	98

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

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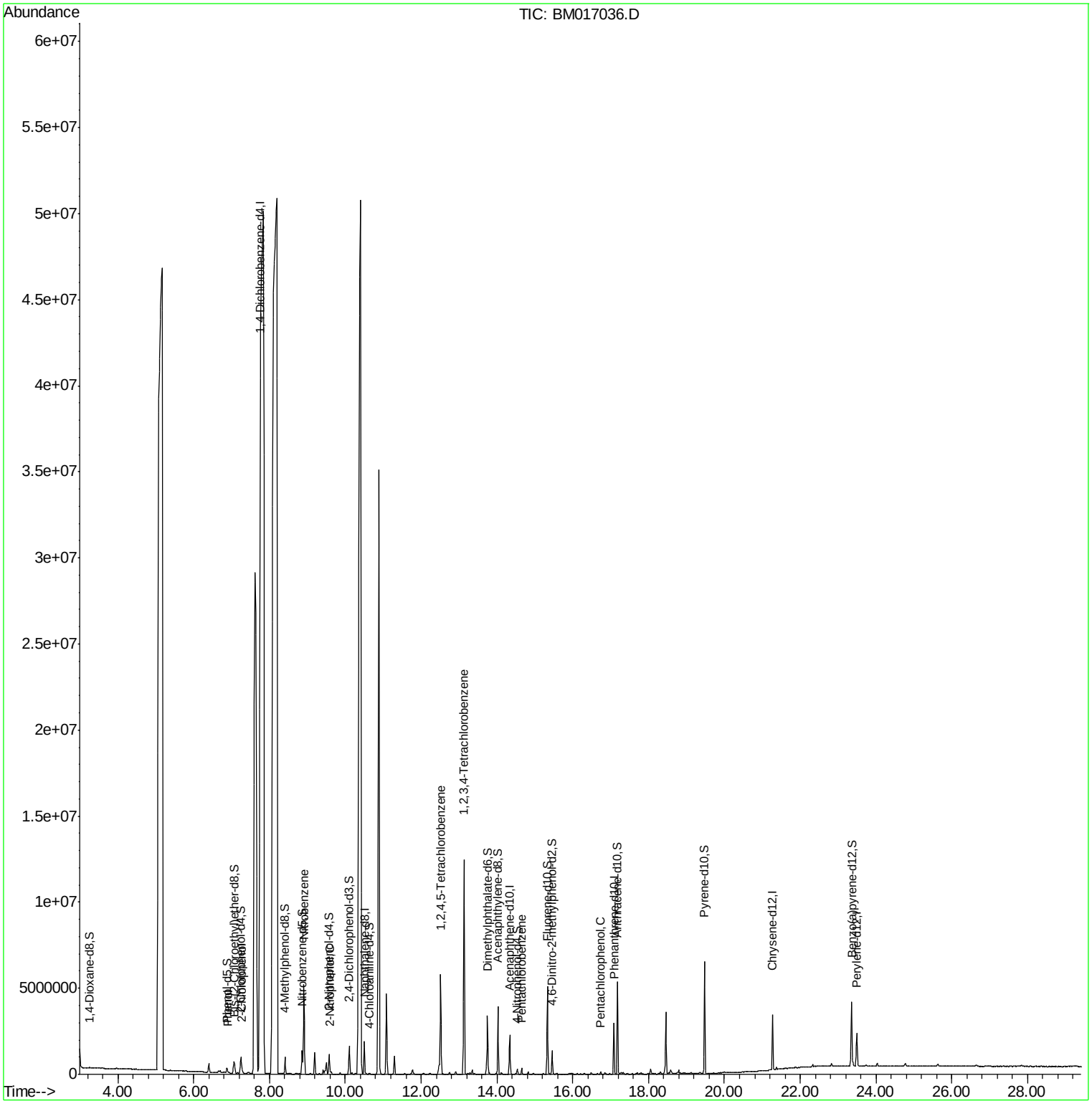
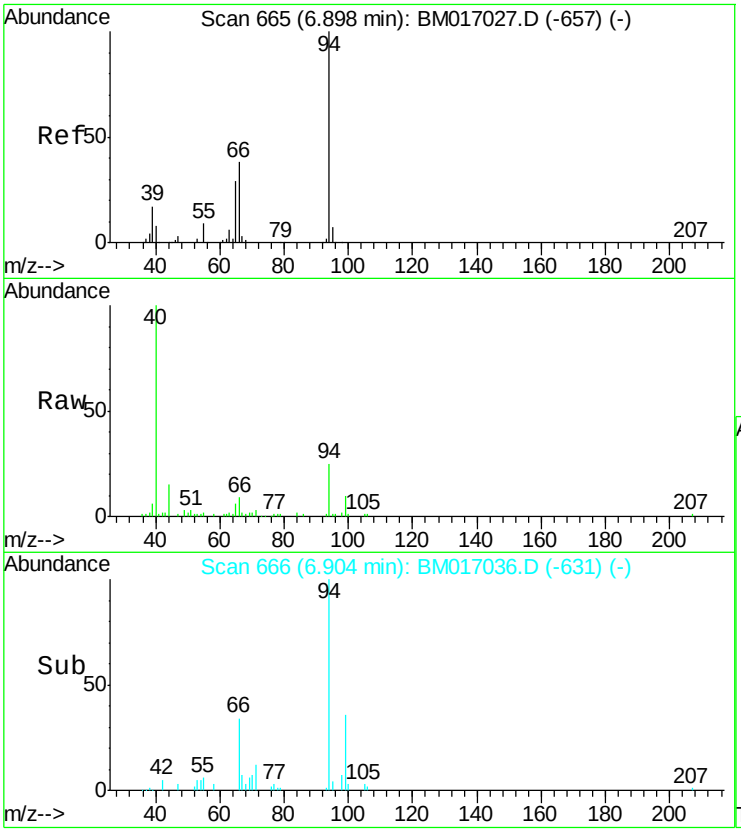


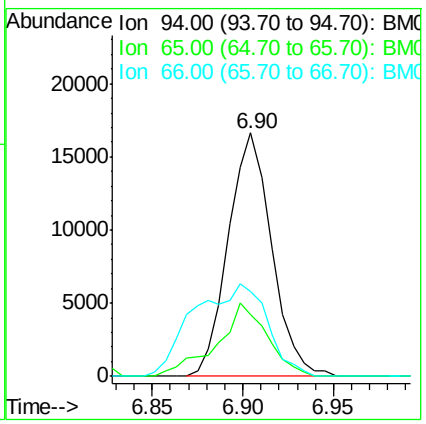


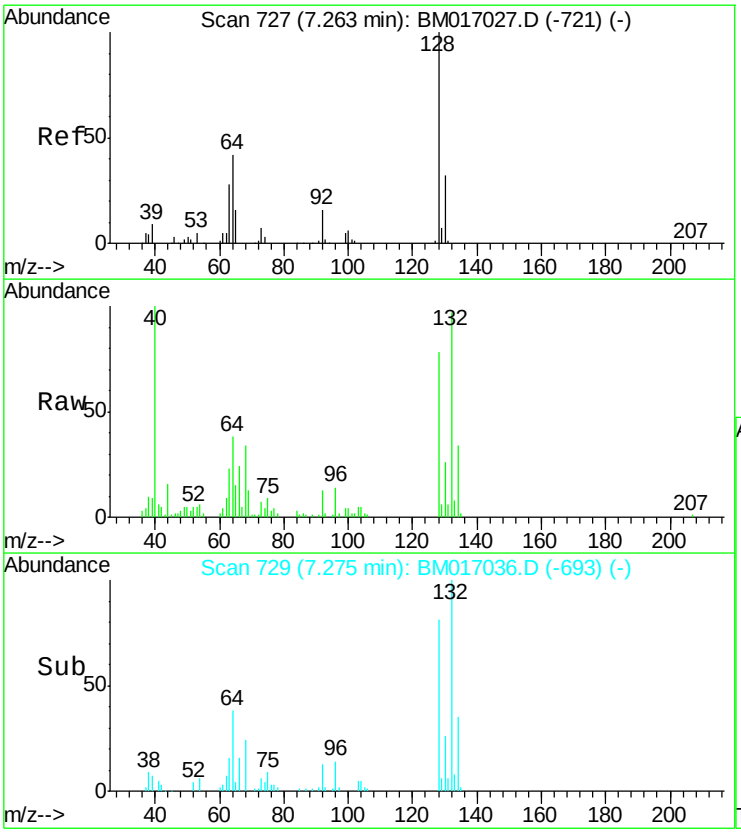
#6
Phenol
Concen: 1.460 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. 0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Instrument :
BNA_M
ClientSampleId :
C0913

Tgt Ion: 94 Resp: 27737

Ion	Ratio	Lower	Upper
94	100		
65	25.4	22.8	34.2
66	34.9	29.5	44.3

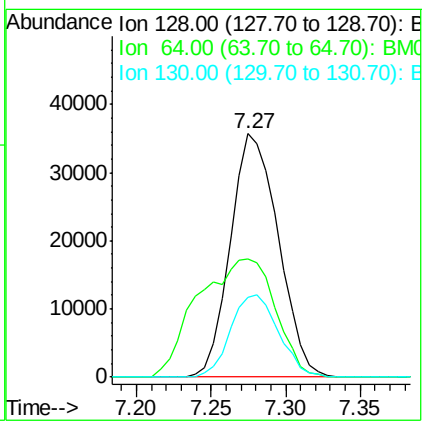


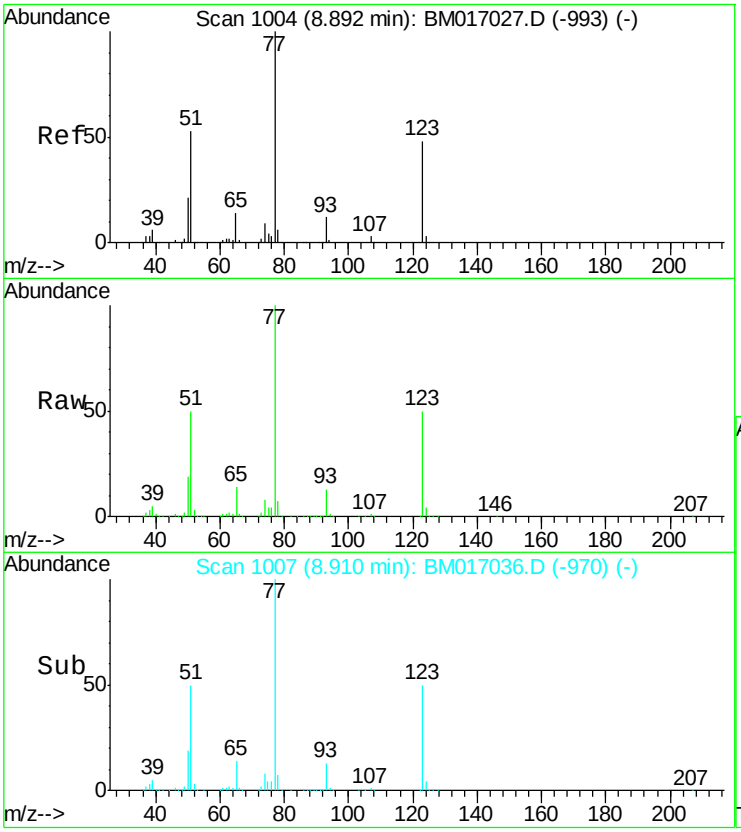


#10
2-Chlorophenol
Concen: 5.070 ng/ul
RT: 7.27 min Scan# 729
Delta R.T. 0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Tgt Ion:128 Resp: 79697

Ion	Ratio	Lower	Upper
128	100		
64	48.7	37.2	55.8
130	32.7	26.1	39.1



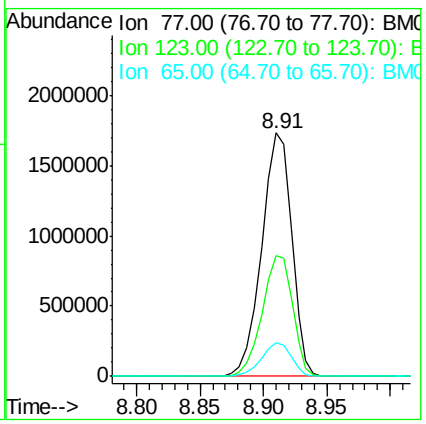


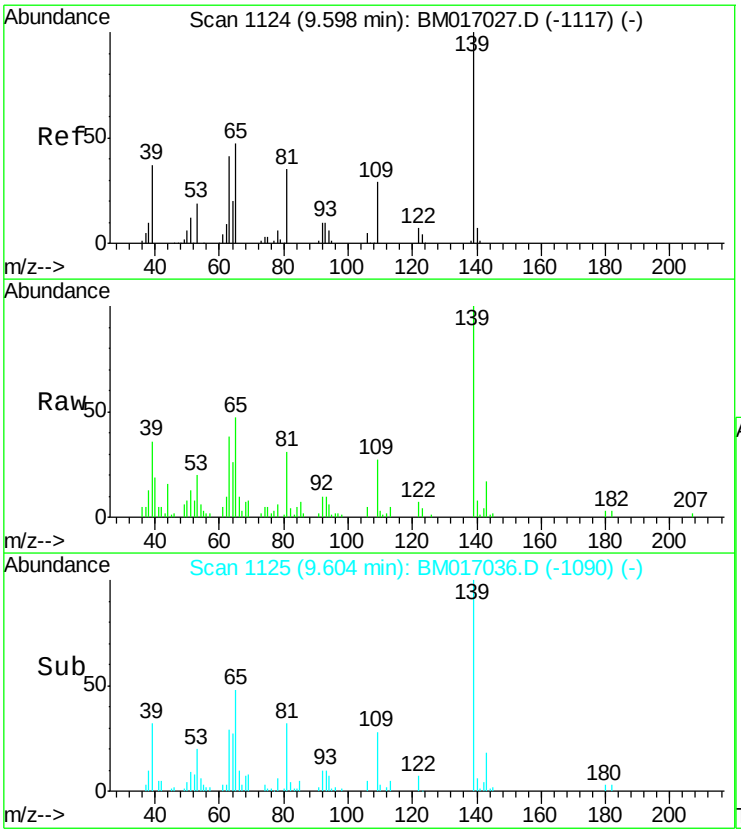
#20
Nitrobenzene
Concen: 119.357 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Instrument :
BNA_M
ClientSampleId :
C0913

Tgt Ion: 77 Resp: 2862121

Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.6	56.4
65	13.7	10.1	15.1

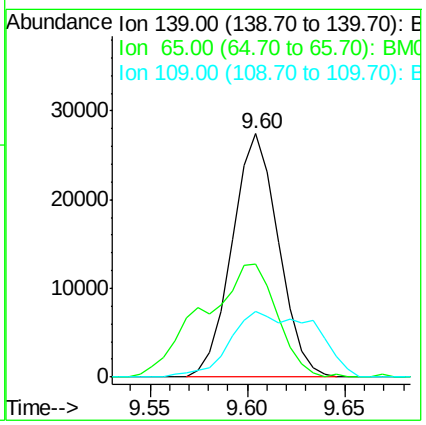


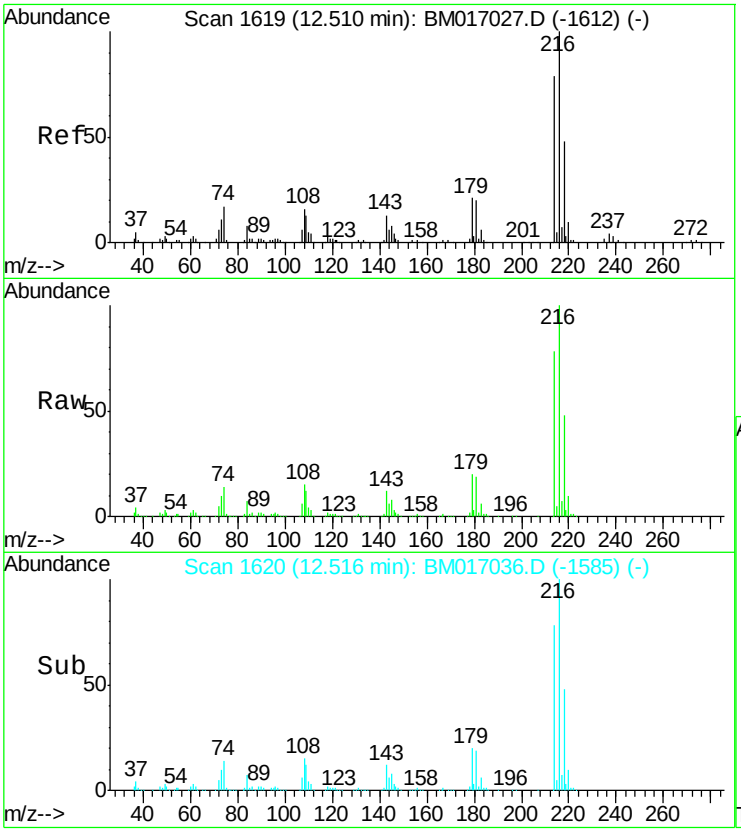


#23
2-Nitrophenol
Concen: 3.875 ng/ul
RT: 9.60 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Tgt Ion:139 Resp: 45189

Ion	Ratio	Lower	Upper
139	100		
65	46.5	38.2	57.2
109	27.0	22.7	34.1



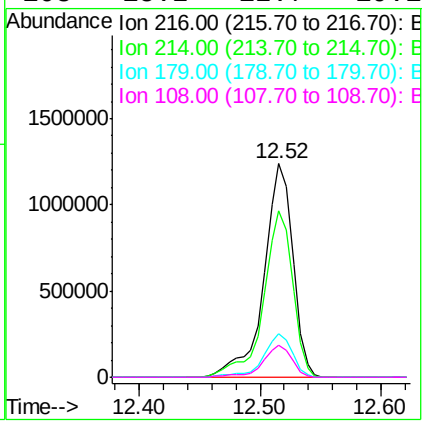


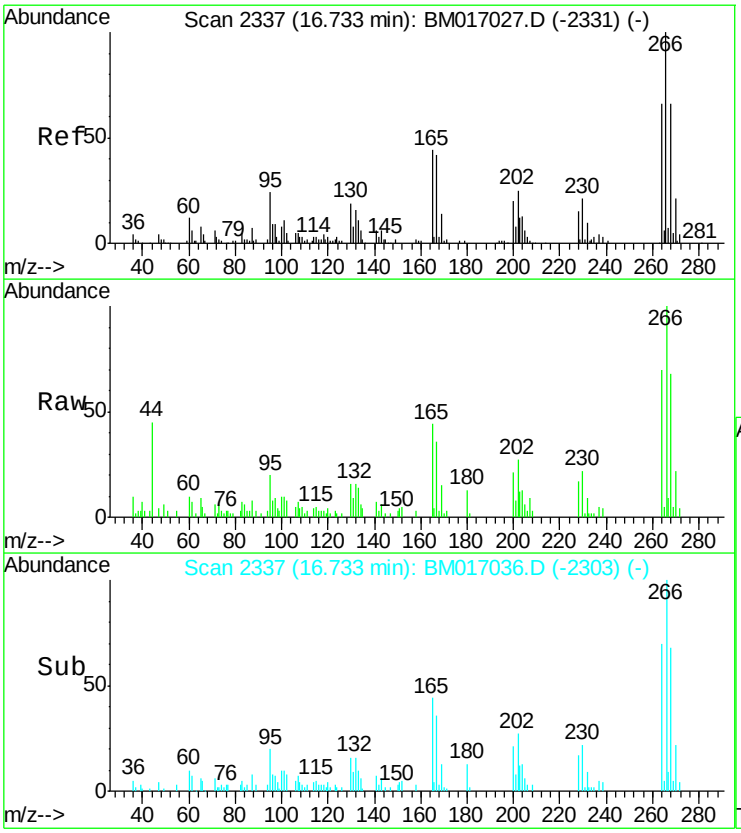
#37
1,2,4,5-Tetrachlorobenzene
Concen: 79.498 ng/ul
RT: 12.52 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Instrument :
BNA_M
ClientSampleId :
C0913

Tgt Ion:216 Resp: 2051214

Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.0	91.6
179	20.4	16.6	24.8
108	15.2	12.7	19.1

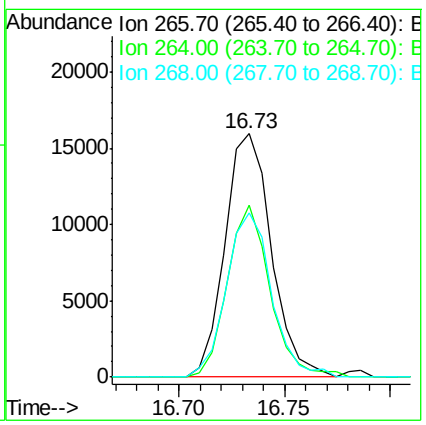


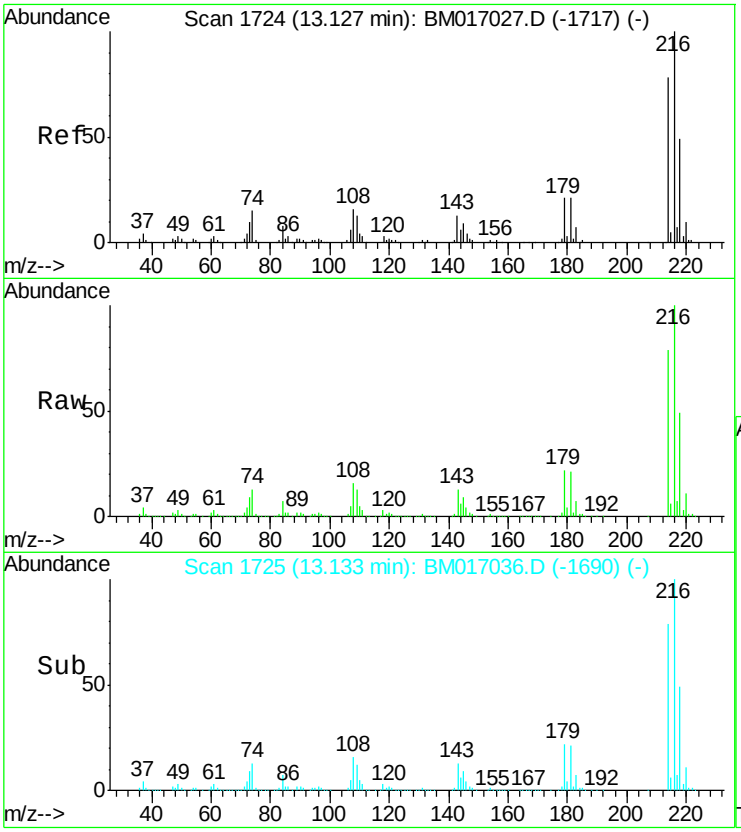


#69
Pentachlorophenol
Concen: 1.859 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Tgt Ion:266 Resp: 24243

Ion	Ratio	Lower	Upper
266	100		
264	70.5	50.4	75.6
268	72.3	53.6	80.4



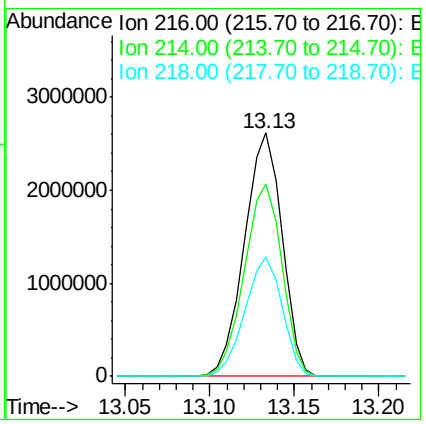


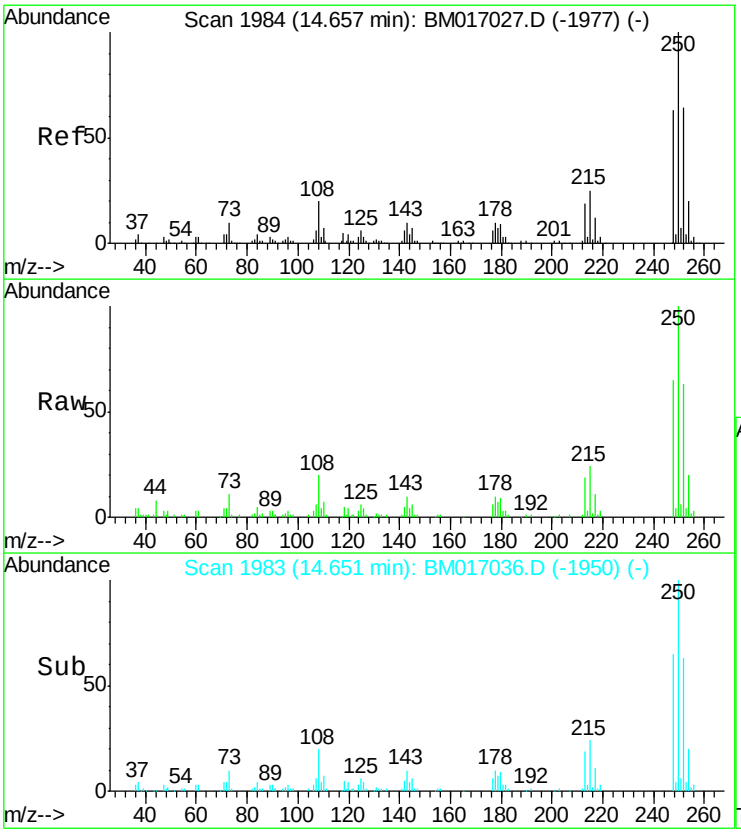
#73
1,2,3,4-Tetrachlorobenzene
Concen: 149.829 ng/uL
RT: 13.13 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Instrument :
BNA_M
ClientSampleId :
C0913

Tgt Ion:216 Resp: 4077371

Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.6	92.4
218	48.9	37.8	56.6





#74
Pentachlorobenzene
Concen: 3.980 ng/uL
RT: 14.65 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Tgt Ion:250 Resp: 101767

Ion	Ratio	Lower	Upper
250	100		
248	64.8	50.1	75.1
252	63.3	51.2	76.8