Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013609.D
Acq On : 16 Jan 2018 05:28
Operator : SJ/JU
Sample : J1080-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL7

Quant Time: Jan 16 08:26:23 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 07:13:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	142383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	558464	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	333518	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	754862	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	855926	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	866734	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	12745	3.54	ng/uL	0.00
5) Phenol-d5	6.80	99	239892	21.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	146778	22.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	193766	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	178868	21.29	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	96877	22.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104694	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	189073	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	232284	30.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	610903	22.23	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	800542	22.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	4318	0.97	ng/ul	0.00
57) Fluorene-d10	15.27	176	554131	22.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	34059	7.50	ng/ul	0.02
70) Anthracene-d10	17.12	188	869829	23.66	ng/ul	0.00
76) Pyrene-d10	19.42	212	987022	24.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	976754	24.52	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.83	94	29891	2.726	ng/ul#	83
34) 2-Methylnaphthalene	12.07	142	90725	4.380	ng/ul	98
44) Dimethylphthalate	13.73	163	156602	5.794	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	27555	3.936	ng/ul#	57
68) Pentachlorophenol	16.68	266	251891	49.393	ng/ul	98
69) Phenanthrene	17.06	178	87919	2.095	ng/ul#	86

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

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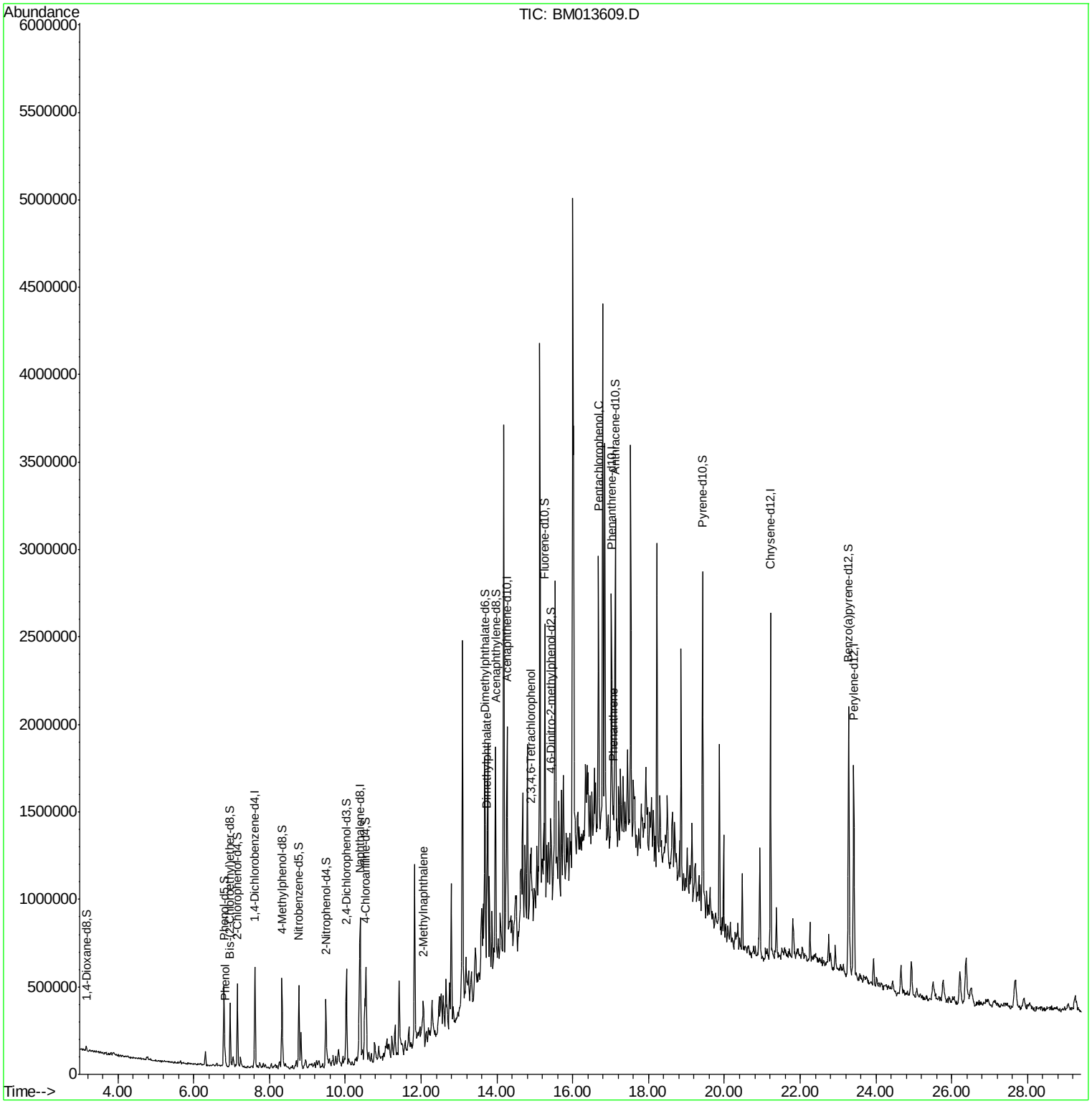
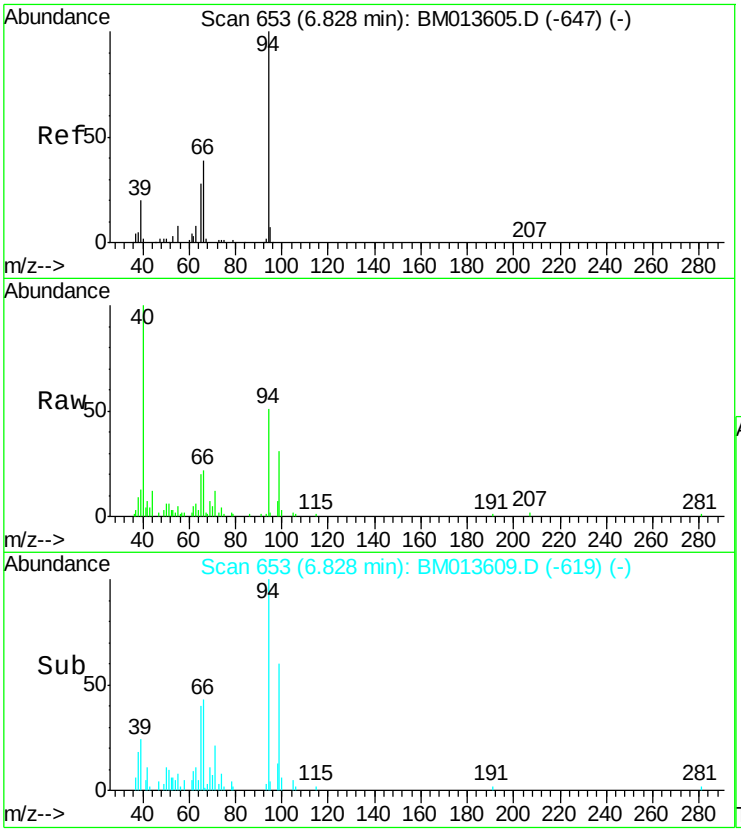


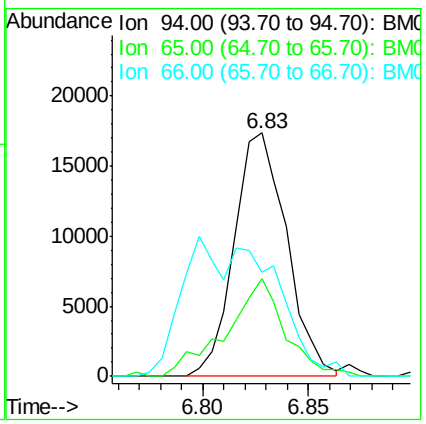


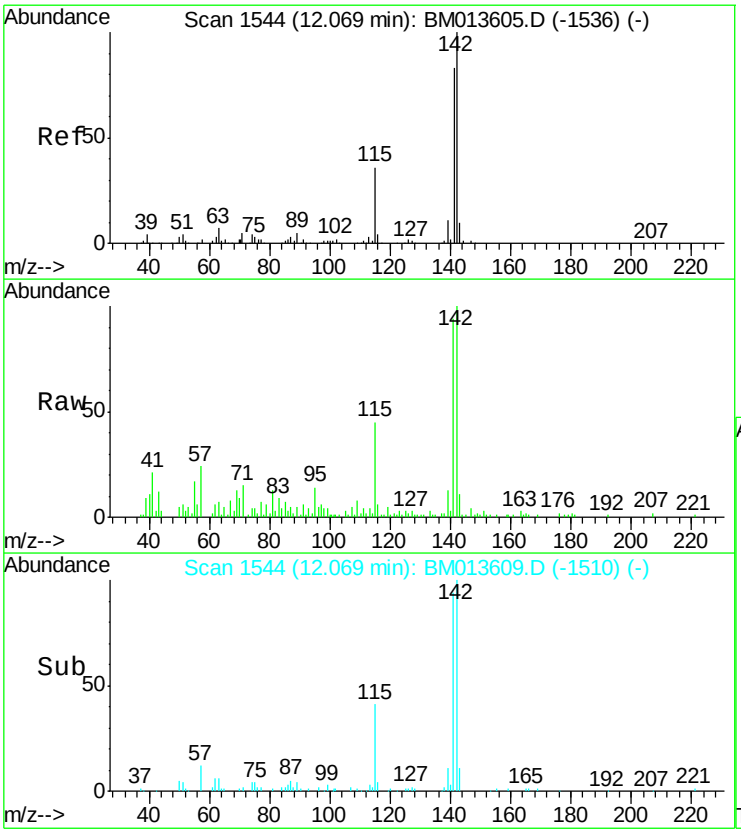
#6
Phenol
Concen: 2.726 ng/ul
RT: 6.83 min Scan# 653
Delta R.T. -0.00 min
Lab File: BM013609.D
Acq: 16 Jan 2018 05:28

Instrument :
BNA_M
ClientSampleId :
DAJL7

Tgt Ion: 94 Resp: 29891

Ion	Ratio	Lower	Upper
94	100		
65	40.1	28.2	42.4
66	42.8	47.2	70.8#

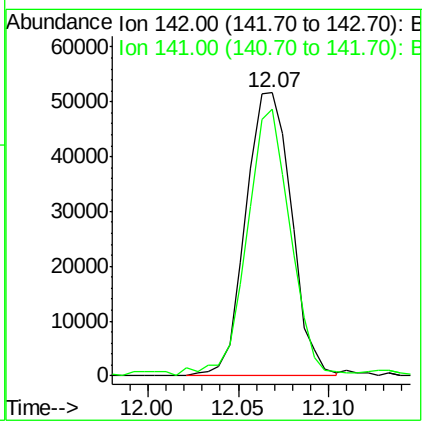


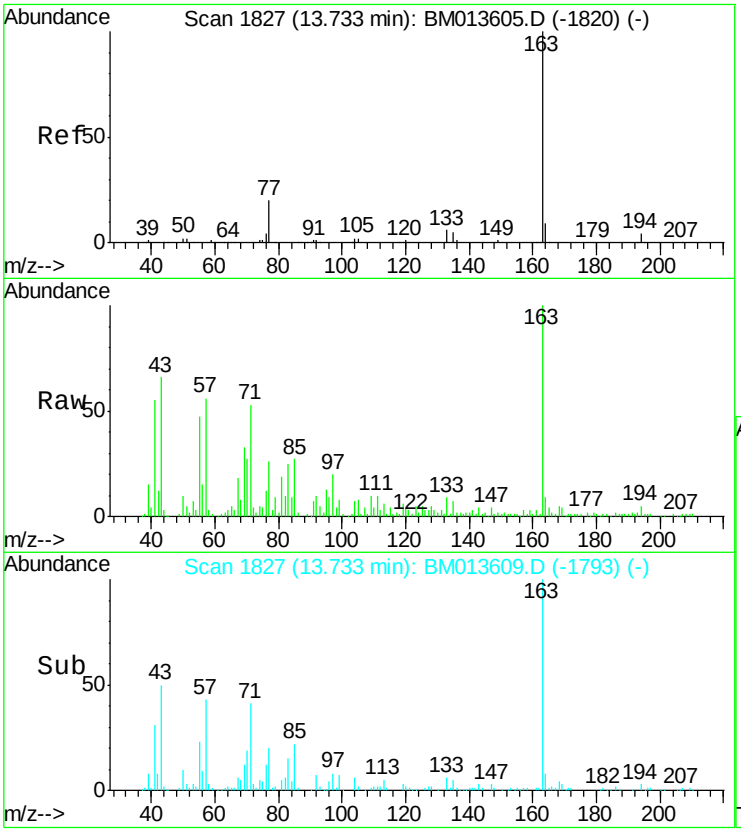


#34
2-Methylnaphthalene
Concen: 4.380 ng/ul
RT: 12.07 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM013609.D
Acq: 16 Jan 2018 05:28

Tgt Ion:142 Resp: 90725

Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.1	111.1



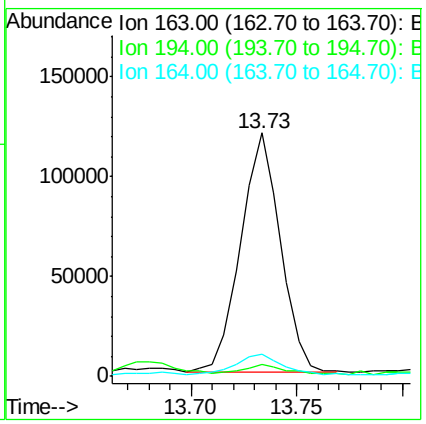


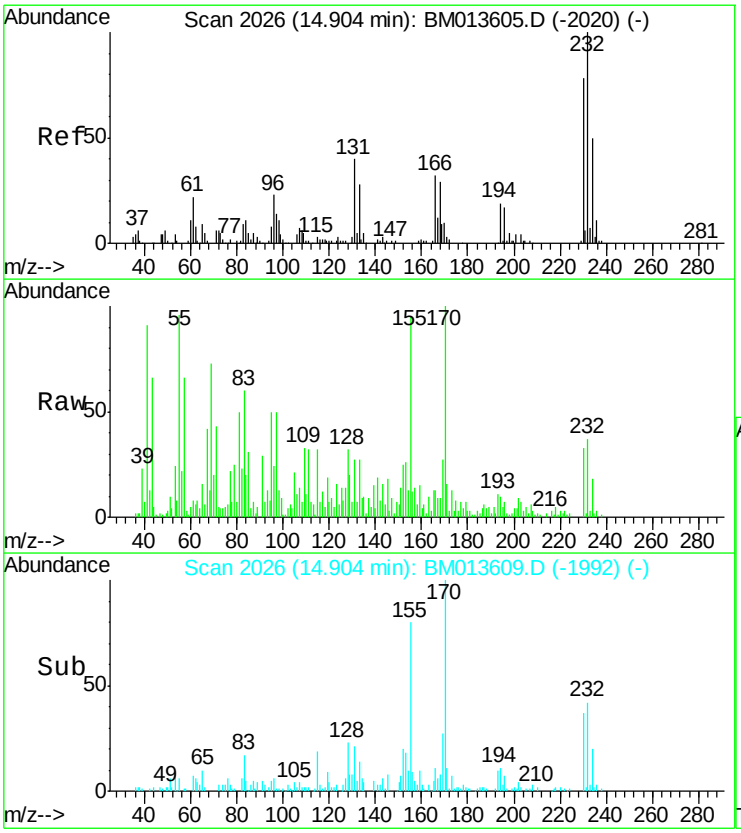
#44
Dimethylphthalate
Concen: 5.794 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM013609.D
Acq: 16 Jan 2018 05:28

Instrument :
BNA_M
ClientSampleId :
DAJL7

Tgt Ion:163 Resp: 156602

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	9.0	8.2	12.4

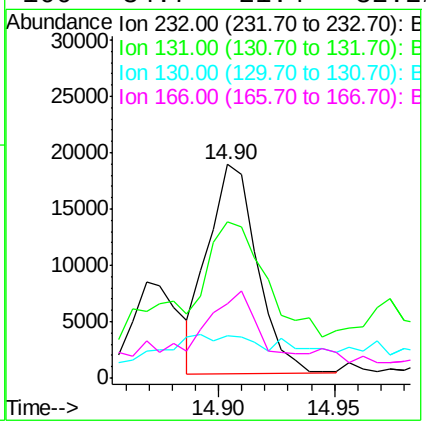


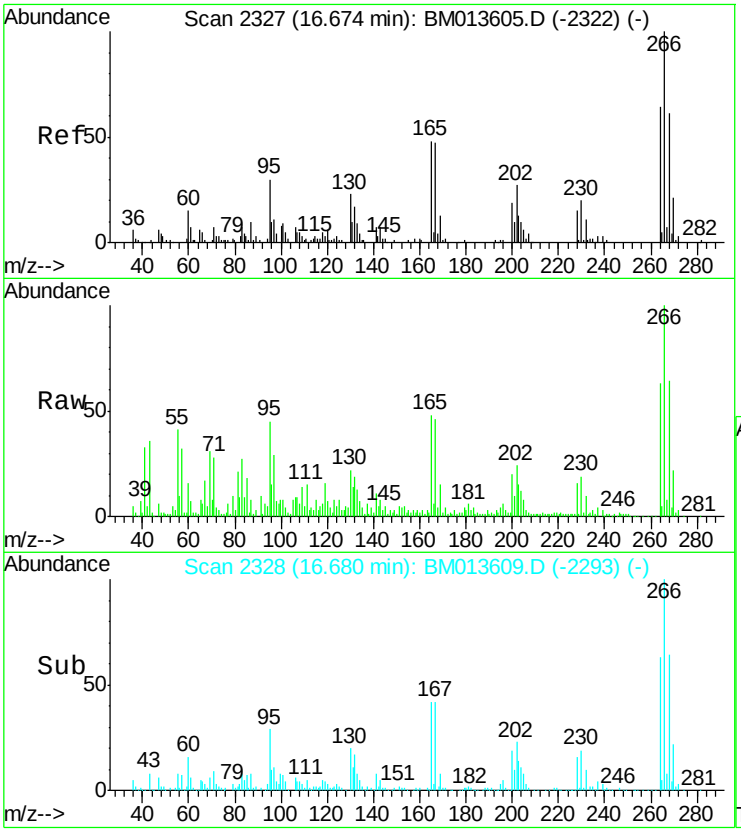


#55
2,3,4,6-Tetrachlorophenol
Concen: 3.936 ng/ul
RT: 14.90 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM013609.D
Acq: 16 Jan 2018 05:28

Tgt Ion:232 Resp: 27555

Ion	Ratio	Lower	Upper
232	100		
131	73.0	29.0	43.4#
130	19.7	2.0	3.0#
166	34.7	21.4	32.2#



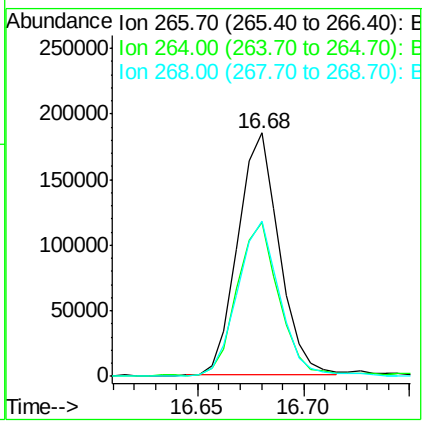


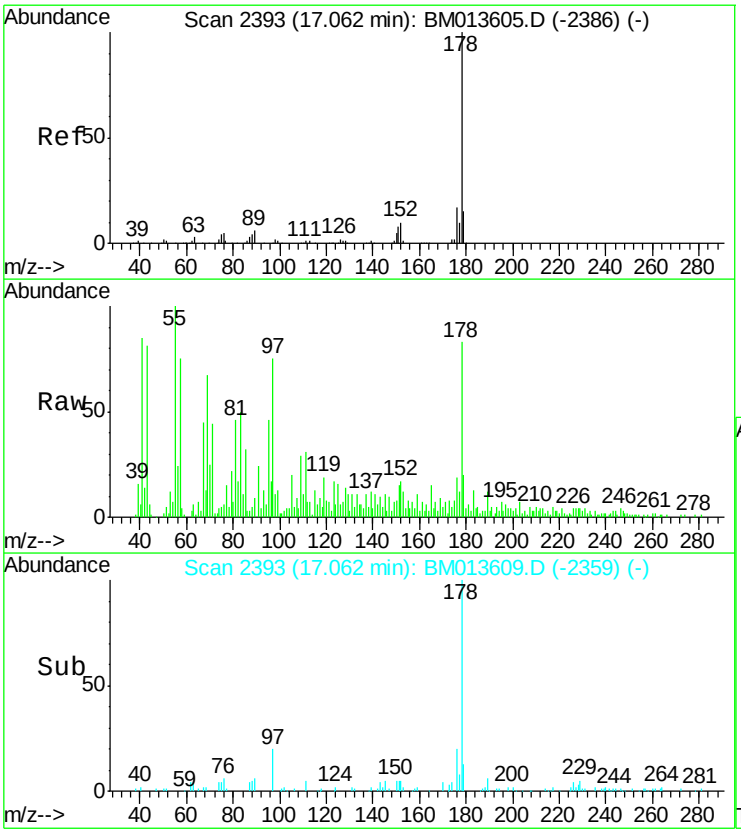
#68
Pentachlorophenol
Concen: 49.393 ng/ul
RT: 16.68 min Scan# 2328
Delta R.T. 0.01 min
Lab File: BM013609.D
Acq: 16 Jan 2018 05:28

Instrument :
BNA_M
ClientSampleId :
DAJL7

Tgt Ion:266 Resp: 251891

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.3	73.9
268	63.7	52.6	78.8





#69
Phenanthrene
Concen: 2.095 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BM013609.D
Acq: 16 Jan 2018 05:28

Tgt Ion:178 Resp: 87919

Ion	Ratio	Lower	Upper
178	100		
179	24.5	12.6	19.0#
176	22.5	14.9	22.3#