Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013820.D
Acq On : 25 Jan 2018 23:46
Operator : SJ/JU
Sample : J1233-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B22

Quant Time: Feb 08 08:55:29 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 02:50:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	144752	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	549945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	306296	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	697566	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	754696	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	737350	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	15049	4.11	ng/uL	0.00
5) Phenol-d5	6.78	99	309312	27.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	184726	27.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	258508	28.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	264618	30.98	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	129750	30.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	143425	31.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	263940	30.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	282963	37.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	836180	33.12	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1027970	31.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	108327	26.40	ng/ul	0.00
57) Fluorene-d10	15.24	176	706314	31.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	121112	28.84	ng/ul	0.00
70) Anthracene-d10	17.10	188	1083954	31.90	ng/ul	0.00
76) Pyrene-d10	19.40	212	1225065	34.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	1177241	34.74	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	44994	4.037	ng/ul	91
28) Naphthalene	10.42	128	66636	2.436	ng/ul#	93
34) 2-Methylnaphthalene	12.04	142	29688	1.455	ng/ul	94
44) Dimethylphthalate	13.71	163	374396	15.084	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.80	232	43517	6.768	ng/ul	94
68) Pentachlorophenol	16.66	266	230392	48.888	ng/ul	99
72) Carbazole	17.42	167	55470	1.680	ng/ul	96

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

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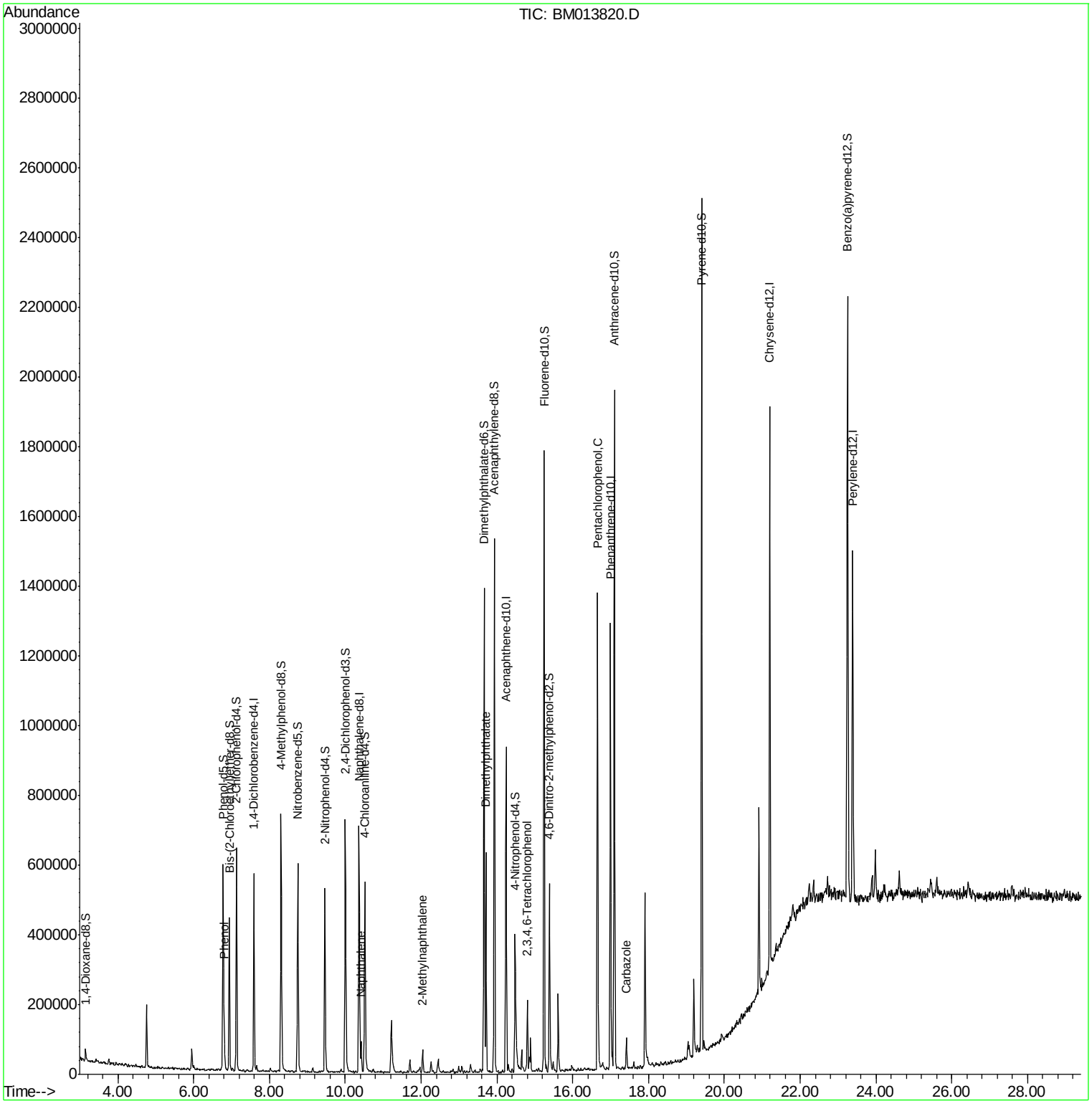
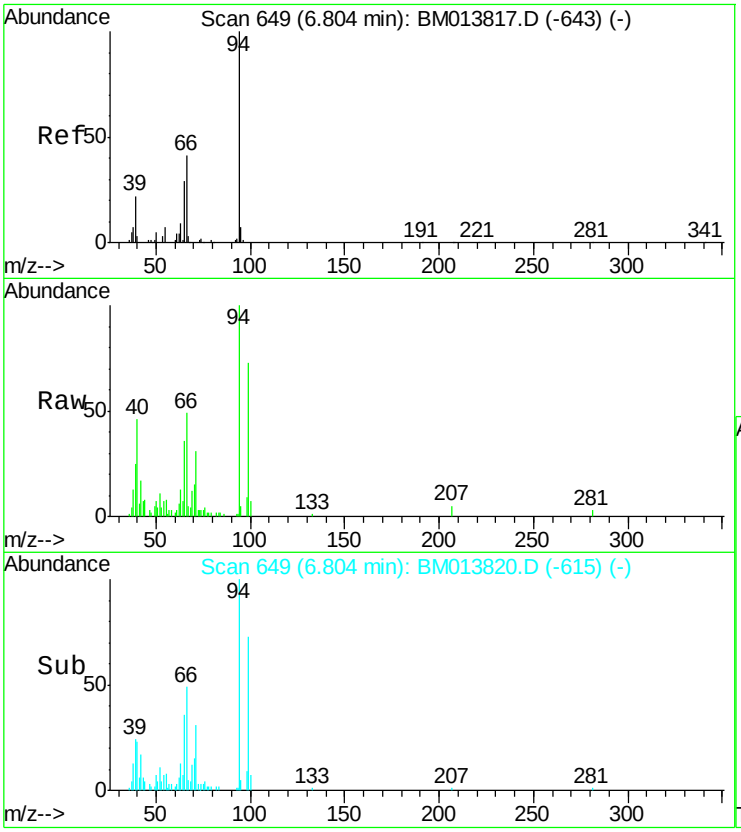


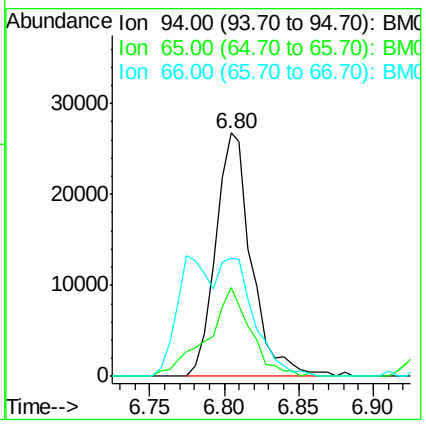


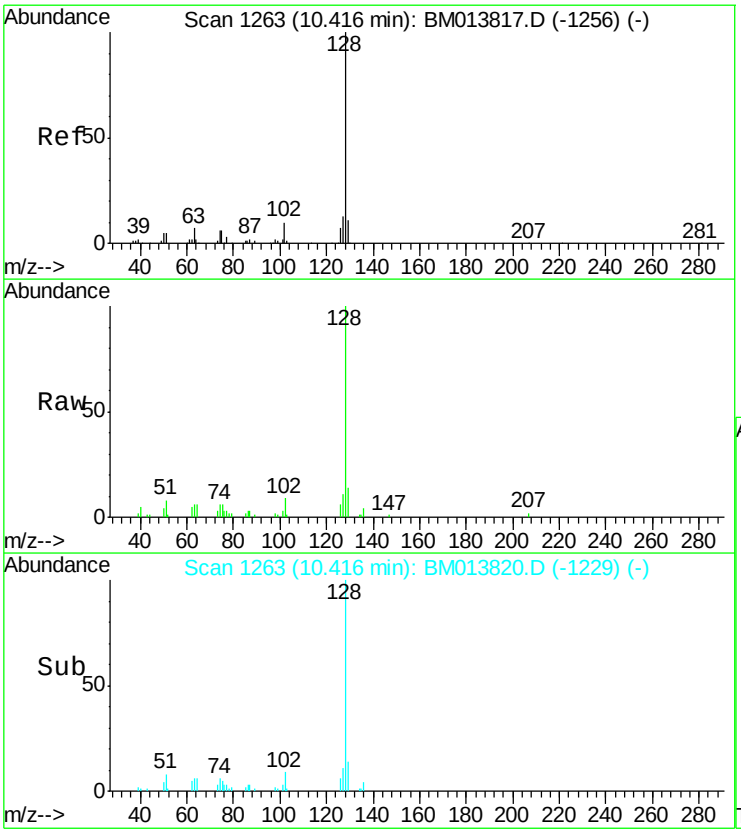
#6
Phenol
Concen: 4.037 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Instrument :
BNA_M
ClientSampleId :
F6B22

Tgt Ion: 94 Resp: 44994

Ion	Ratio	Lower	Upper
94	100		
65	36.5	28.2	42.4
66	48.8	47.2	70.8

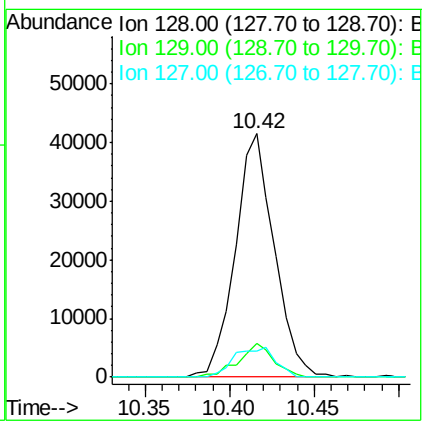


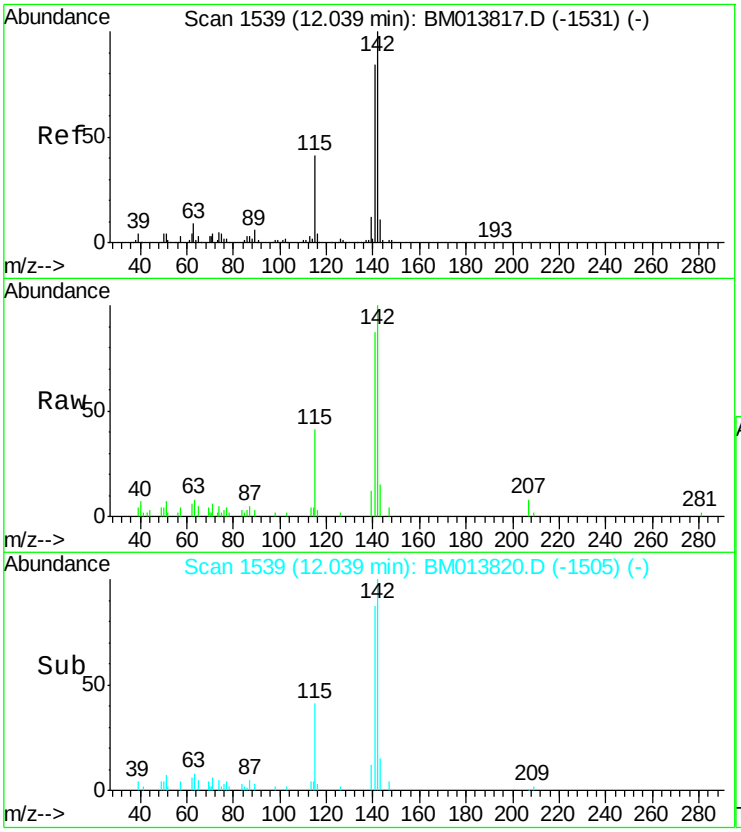


#28
Naphthalene
Concen: 2.436 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Tgt Ion:128 Resp: 66636

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.8	13.2#
127	10.6	10.6	16.0#



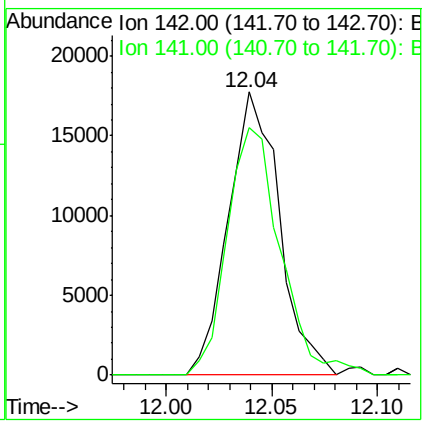


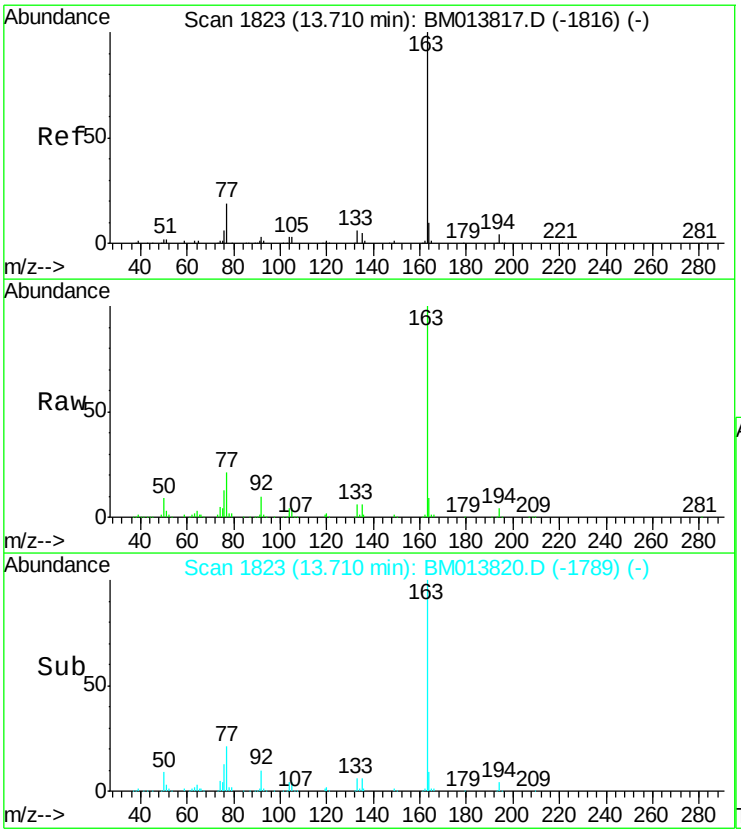
#34
2-Methylnaphthalene
Concen: 1.455 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Instrument :
BNA_M
ClientSampleId :
F6B22

Tgt Ion:142 Resp: 29688

Ion	Ratio	Lower	Upper
142	100		
141	87.2	74.1	111.1

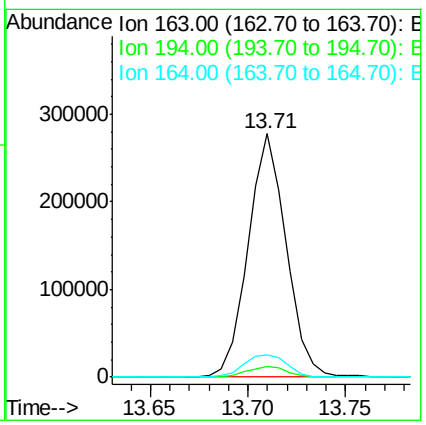


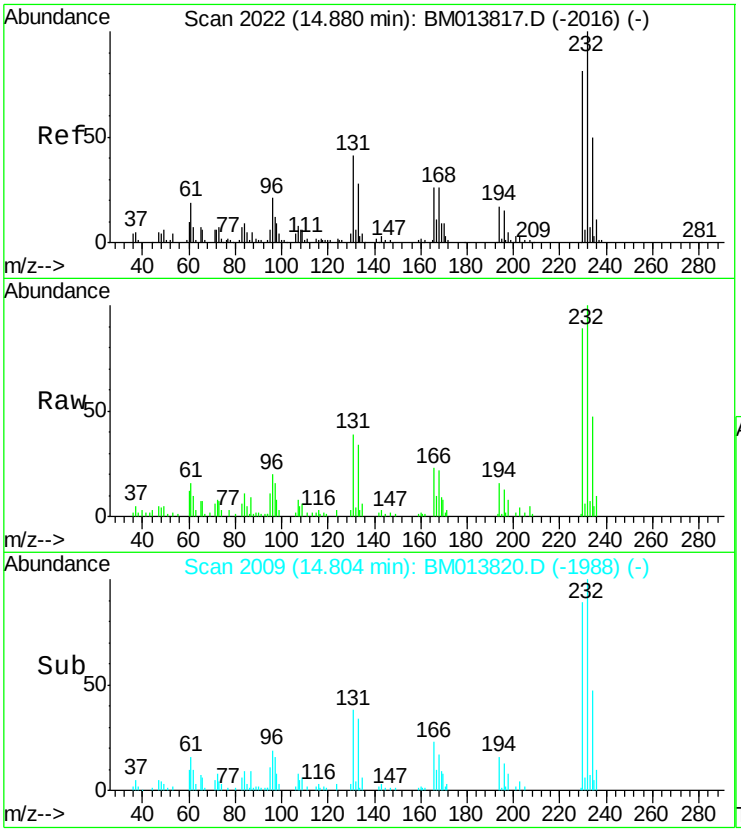


#44
Dimethylphthalate
Concen: 15.084 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Tgt Ion:163 Resp: 374396

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.0	8.2	12.4



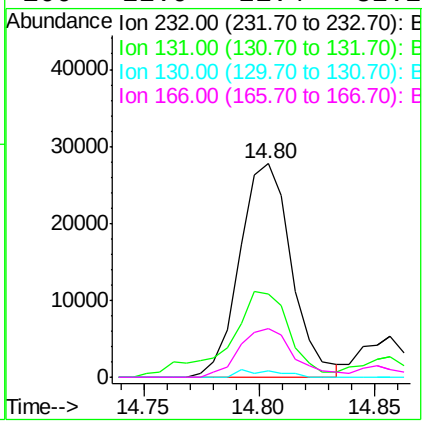


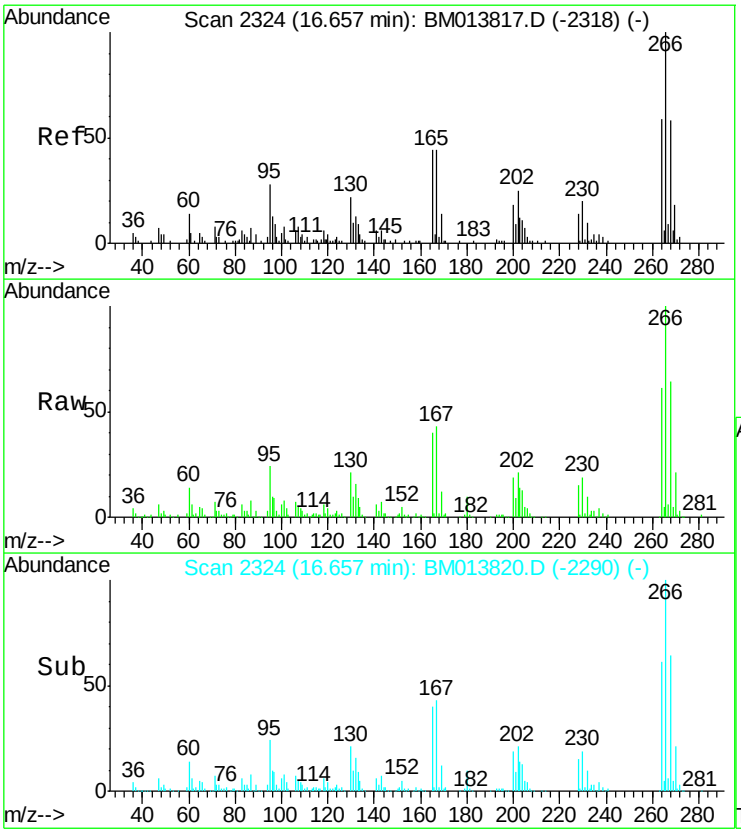
#55
2,3,4,6-Tetrachlorophenol
Concen: 6.768 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. -0.08 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Instrument :
BNA_M
ClientSampleId :
F6B22

Tgt Ion:232 Resp: 43517

Ion	Ratio	Lower	Upper
232	100		
131	39.2	29.0	43.4
130	3.0	2.0	3.0
166	22.9	21.4	32.2

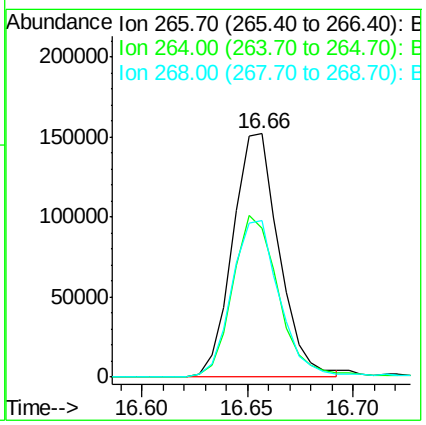


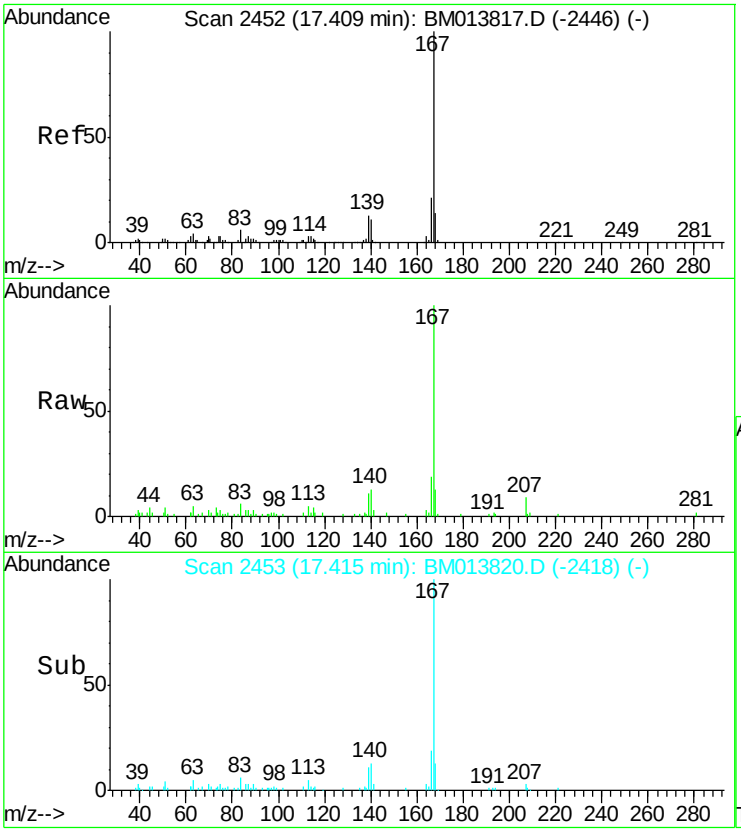


#68
Pentachlorophenol
Concen: 48.888 ng/ul
RT: 16.66 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Tgt Ion:266 Resp: 230392

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.3	73.9
268	64.2	52.6	78.8





#72
Carbazole
Concen: 1.680 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Instrument :
BNA_M
ClientSampleId :
F6B22

Tgt Ion:167 Resp: 55470

Ion	Ratio	Lower	Upper
167	100		
166	19.1	17.1	25.7
139	11.2	10.0	15.0