Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004650.D
Acq On : 17 Mar 2016 00:09
Operator : UM/SJ
Sample : H1783-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB0

Quant Time: Mar 17 02:21:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	26781	20.00	ng/ul	0.04
18) Naphthalene-d8	10.66	136	338322	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	178751	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	384482	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	360562	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	321000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	2594	3.34	ng/uL	0.00
5) Phenol-d5	7.01	99	49400	22.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	151130	121.17	ng/ul	0.05
9) 2-Chlorophenol-d4	7.39	132	162912	91.96	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	96512	54.41	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	97917	41.62	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	100936	39.72	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	175142	35.13	ng/ul	0.01
29) 4-Chloroaniline-d4	10.78	131	4385	0.74	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	563766	40.34	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	700426	40.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	13469	4.99	ng/ul	0.00
58) Fluorene-d10	15.47	176	485218	39.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	60407	29.90	ng/ul	0.00
71) Anthracene-d10	17.32	188	727103	41.08	ng/ul	0.00
79) Pyrene-d10	19.61	212	758028	46.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	664710	46.36	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.03	94	3175	1.37	ng/ul#	78
10) 2-Chlorophenol	7.42	128	49912	26.69	ng/ul#	89
33) 4-Chloro-3-methylphenol	11.91	107	54087	9.31	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	476363	83.42	ng/ul	99
69) Pentachlorophenol	16.87	266	8900	3.16	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	316120	59.76	ng/uL	99
74) Pentachlorobenzene	14.79	250	10564	2.07	ng/uL	95
84) Bis(2-ethylhexyl)phthalate	21.32	149	189055	15.22	ng/ul	98

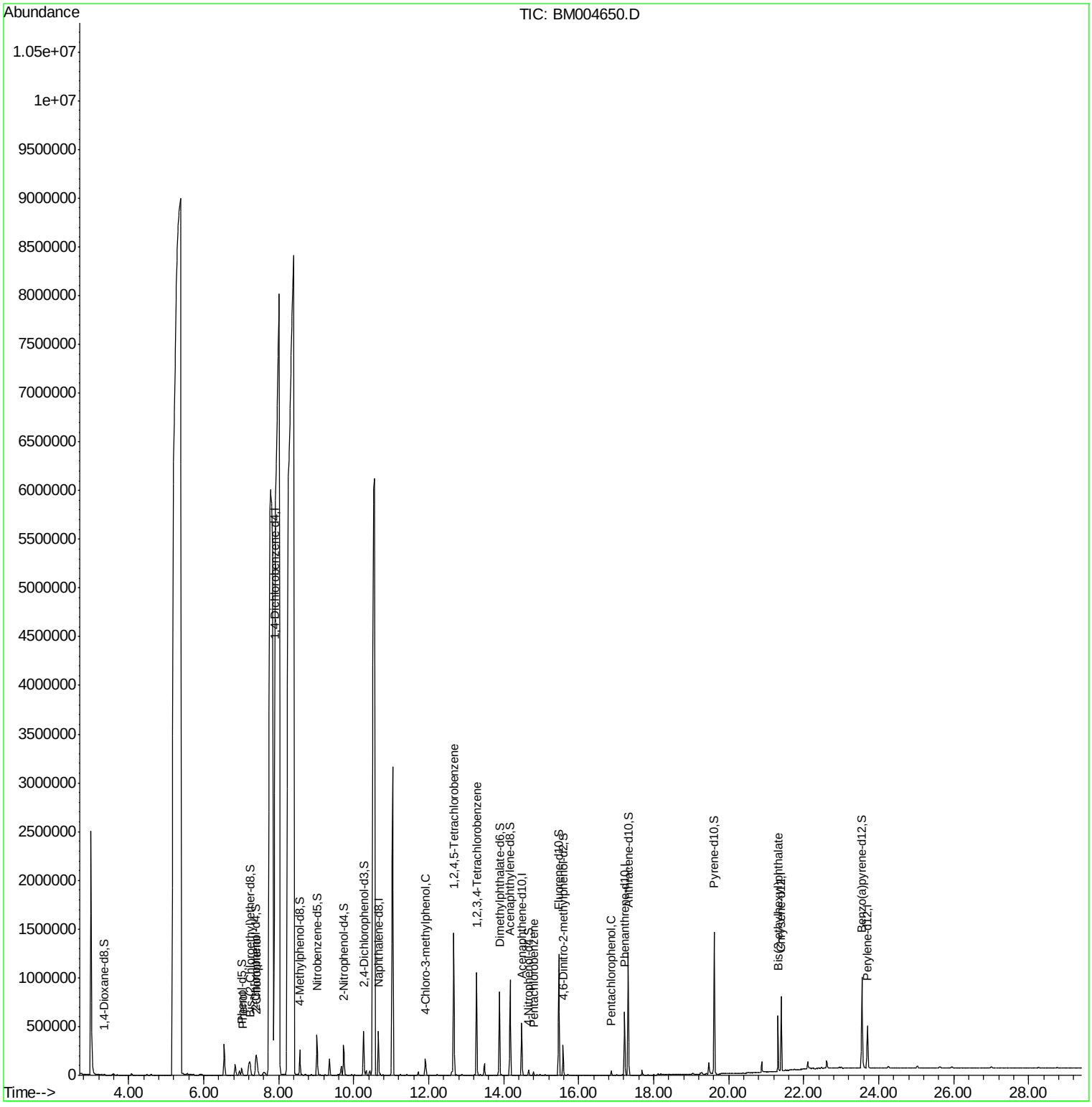
(#) = qualifier out of range (m) = manual integration (+) = signals summed

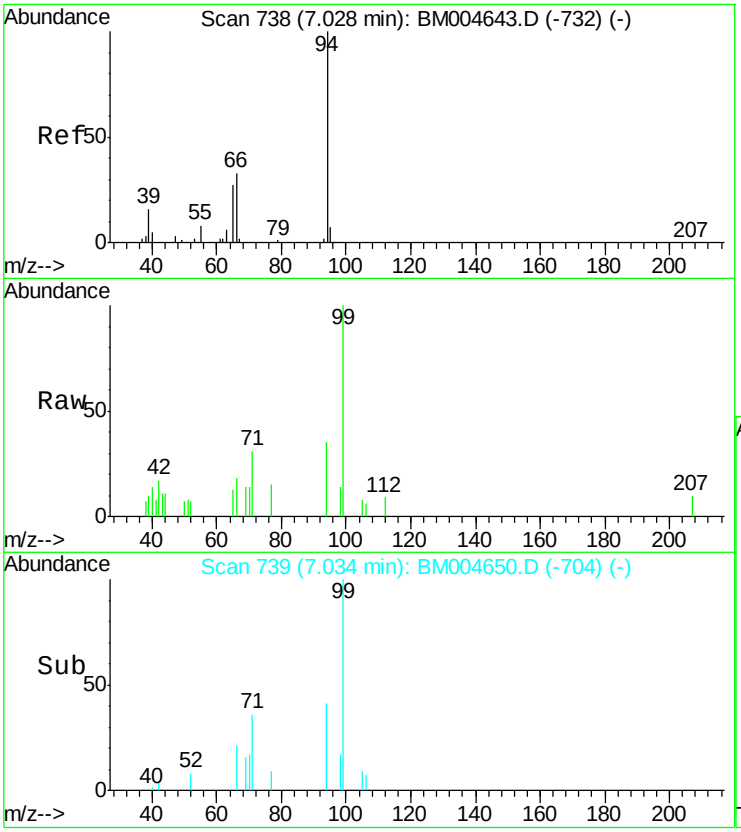
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004650.D
Acq On : 17 Mar 2016 00:09
Operator : UM/SJ
Sample : H1783-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB0

Quant Time: Mar 17 02:21:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration



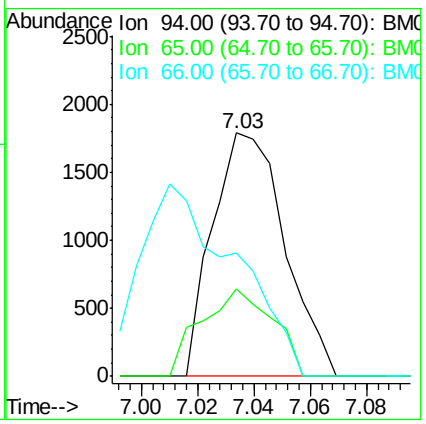


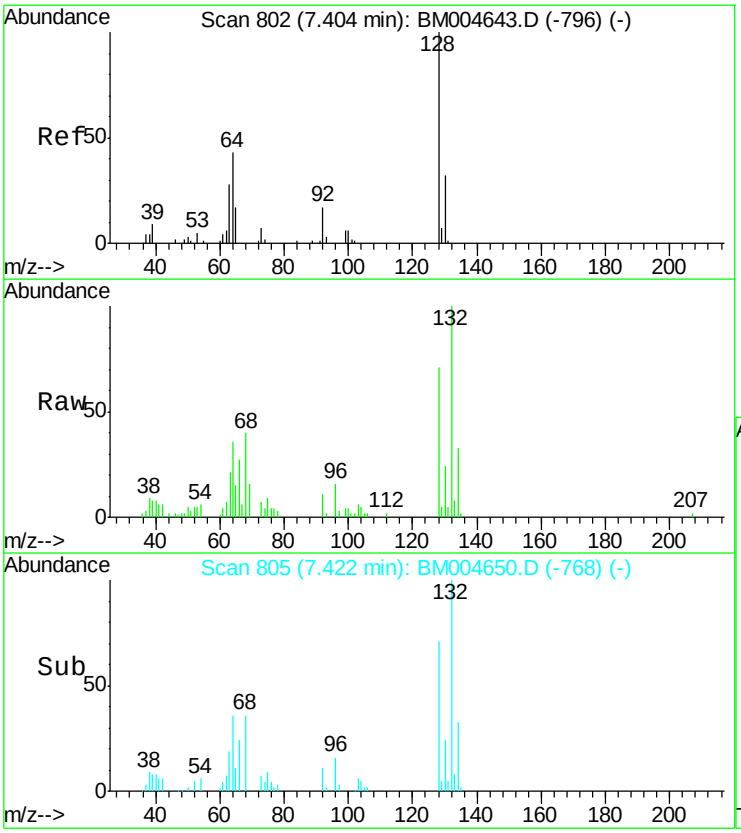
#6
Phenol
Concen: 1.37 ng/ul
RT: 7.03 min Scan# 739
Delta R.T. 0.01 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion: 94 Resp: 3175

Ion	Ratio	Lower	Upper
94	100		
65	35.9	21.0	31.6#
66	50.7	29.3	43.9#

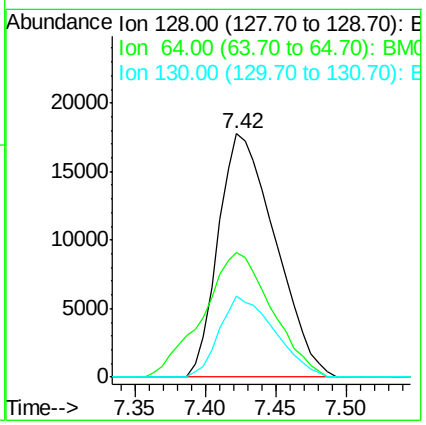


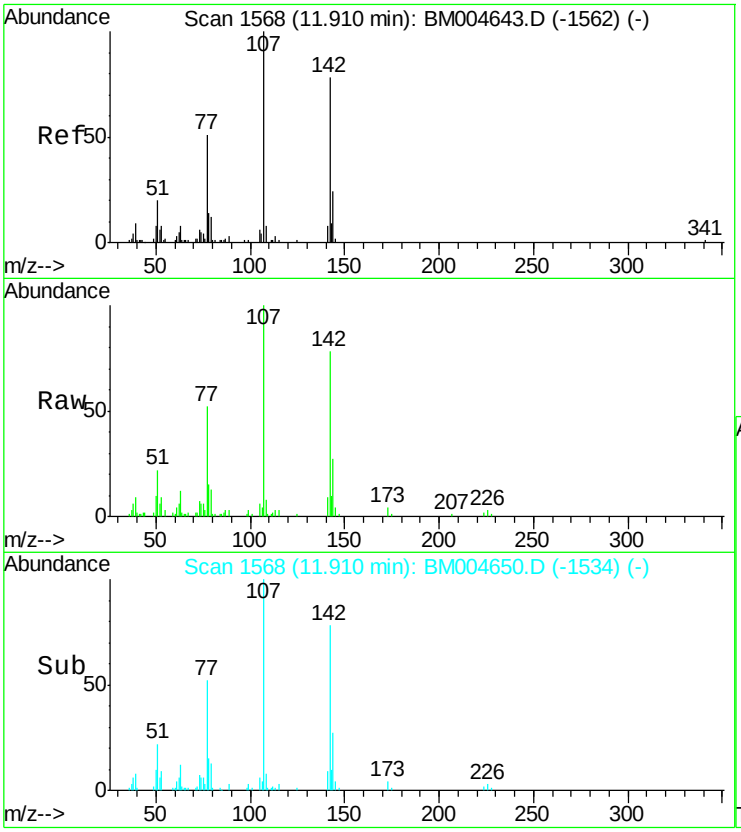


#10
2-Chlorophenol
Concen: 26.69 ng/ul
RT: 7.42 min Scan# 805
Delta R.T. 0.02 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Tgt Ion:128 Resp: 49912

Ion	Ratio	Lower	Upper
128	100		
64	51.3	31.9	47.9#
130	33.0	25.6	38.4



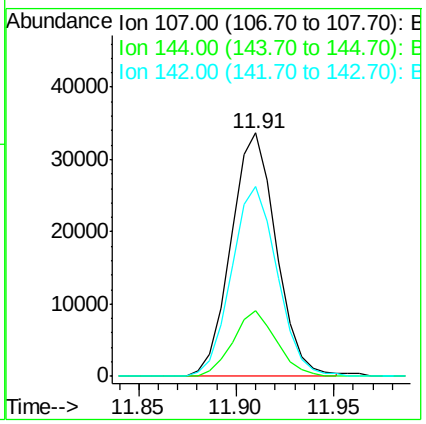


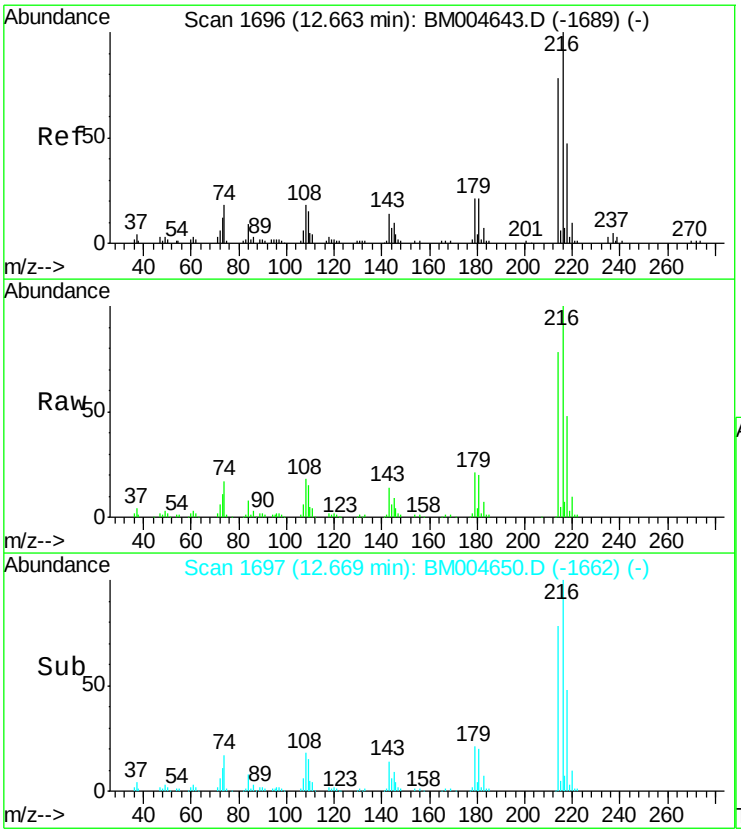
#33
4-Chloro-3-methylphenol
Concen: 9.31 ng/ul
RT: 11.91 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:107 Resp: 54087

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.4	30.6
142	78.1	62.5	93.7

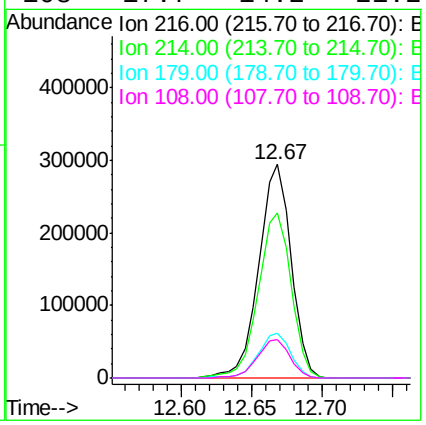


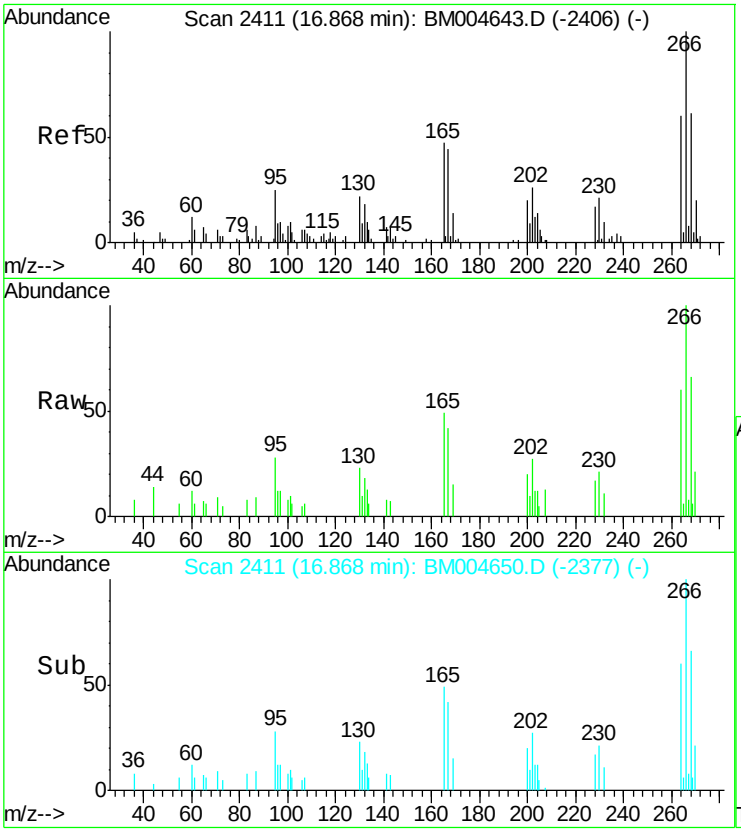


#37
1,2,4,5-Tetrachlorobenzene
Concen: 83.42 ng/ul
RT: 12.67 min Scan# 1697
Delta R.T. 0.01 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Tgt Ion:216 Resp: 476363

Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.5	93.7
179	21.1	18.2	27.2
108	17.7	14.2	21.2



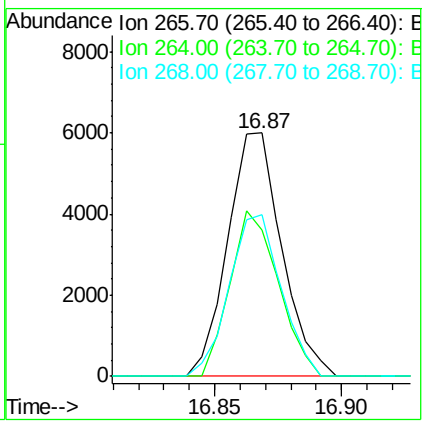


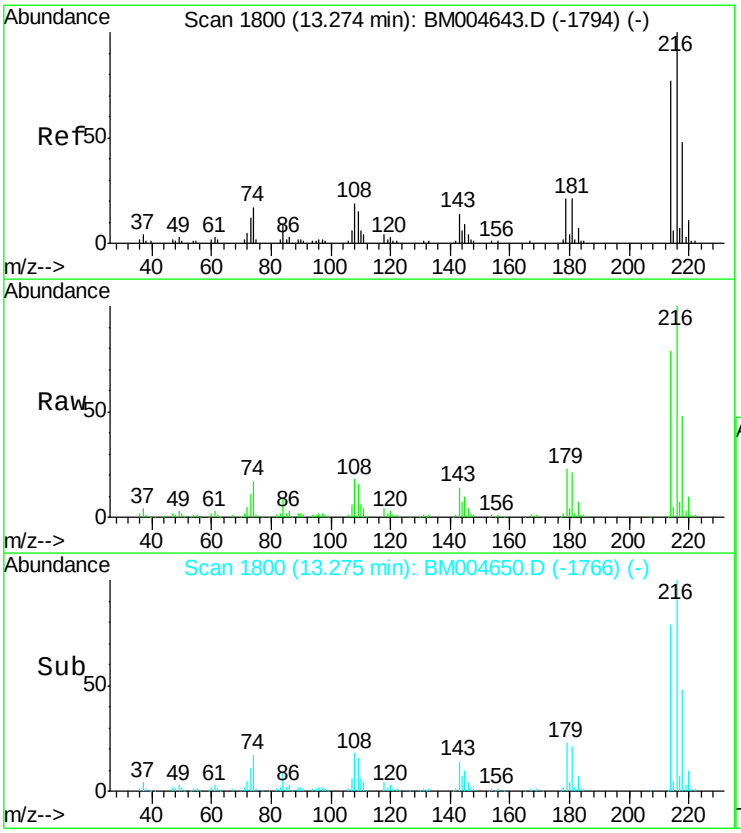
#69
Pentachlorophenol
Concen: 3.16 ng/ul
RT: 16.87 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:266 Resp: 8900

Ion	Ratio	Lower	Upper
266	100		
264	60.0	50.5	75.7
268	66.2	50.9	76.3

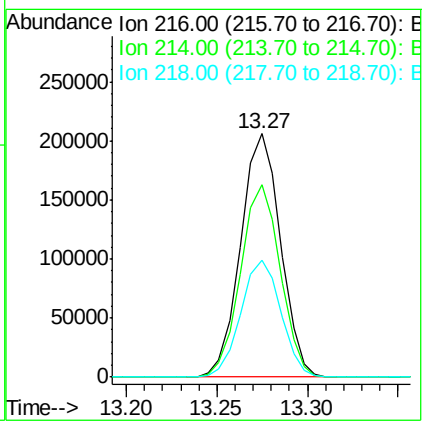


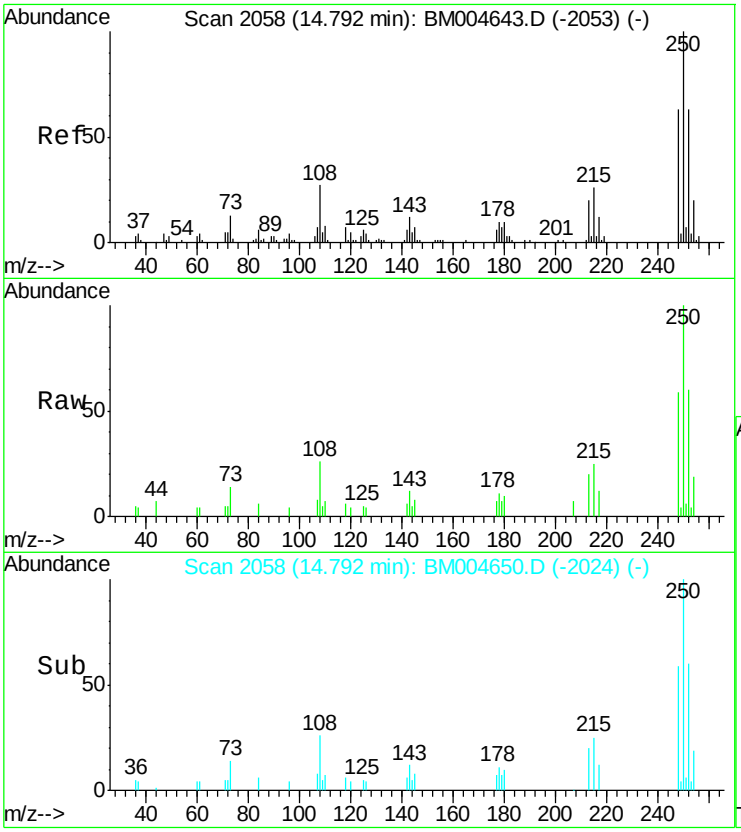


#73
1,2,3,4-Tetrachlorobenzene
Concen: 59.76 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Tgt Ion:216 Resp: 316120

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.5	93.7
218	48.2	38.4	57.6



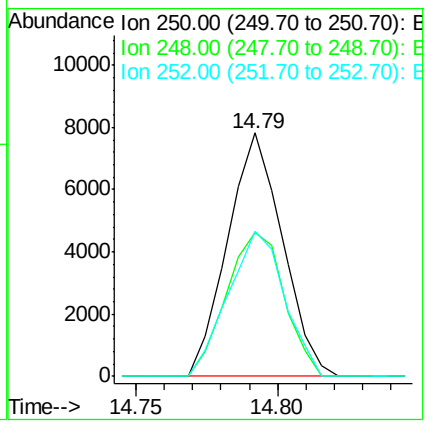


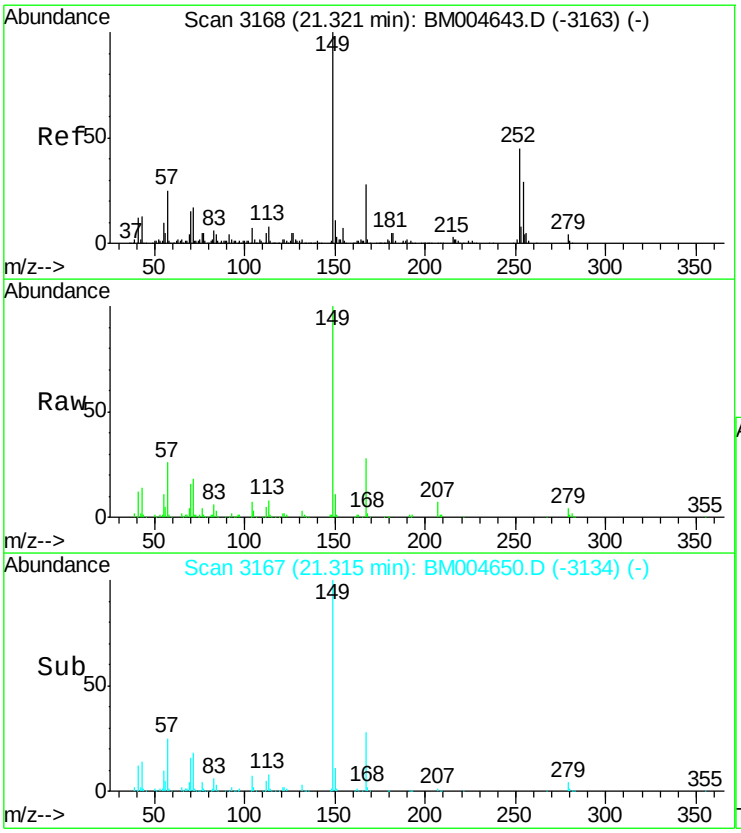
#74
Pentachlorobenzene
Concen: 2.07 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:250 Resp: 10564

Ion	Ratio	Lower	Upper
250	100		
248	59.2	50.6	75.8
252	59.7	51.4	77.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 15.22 ng/ul
RT: 21.32 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Tgt Ion:149 Resp: 189055

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.6	32.4
279	3.9	3.0	4.4