Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004653.D
Acq On : 17 Mar 2016 01:58
Operator : UM/SJ
Sample : H1783-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ3

Quant Time: Mar 17 03:49:43 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	7.88	152	27923	20.00	ng/ul	0.04
18) Naphthalene-d8	10.65	136	247603	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	130488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	290065	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	330645	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	316981	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	2094	2.59	ng/uL	0.01
5) Phenol-d5	7.00	99	38704	16.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	109872	84.49	ng/ul	0.04
9) 2-Chlorophenol-d4	7.39	132	121357	65.70	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	72131	39.00	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	68483	39.77	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	70136	37.71	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	125458	34.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	4293	0.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	409072	40.10	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	505108	40.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	10473	5.31	ng/ul	0.00
58) Fluorene-d10	15.47	176	357840	40.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	43956	28.83	ng/ul	0.00
71) Anthracene-d10	17.32	188	562276	42.10	ng/ul	0.00
79) Pyrene-d10	19.61	212	650376	43.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	669429	47.28	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.42	128	35388	18.15	ng/ul	94
33) 4-Chloro-3-methylphenol	11.91	107	38243	8.99	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	324739	77.90	ng/ul	98
69) Pentachlorophenol	16.87	266	6940	3.26	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	215418	53.98	ng/uL	99
74) Pentachlorobenzene	14.79	250	6589	1.71	ng/uL	96
84) Bis(2-ethylhexyl)phthalate	21.32	149	165384	14.51	ng/ul	99

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

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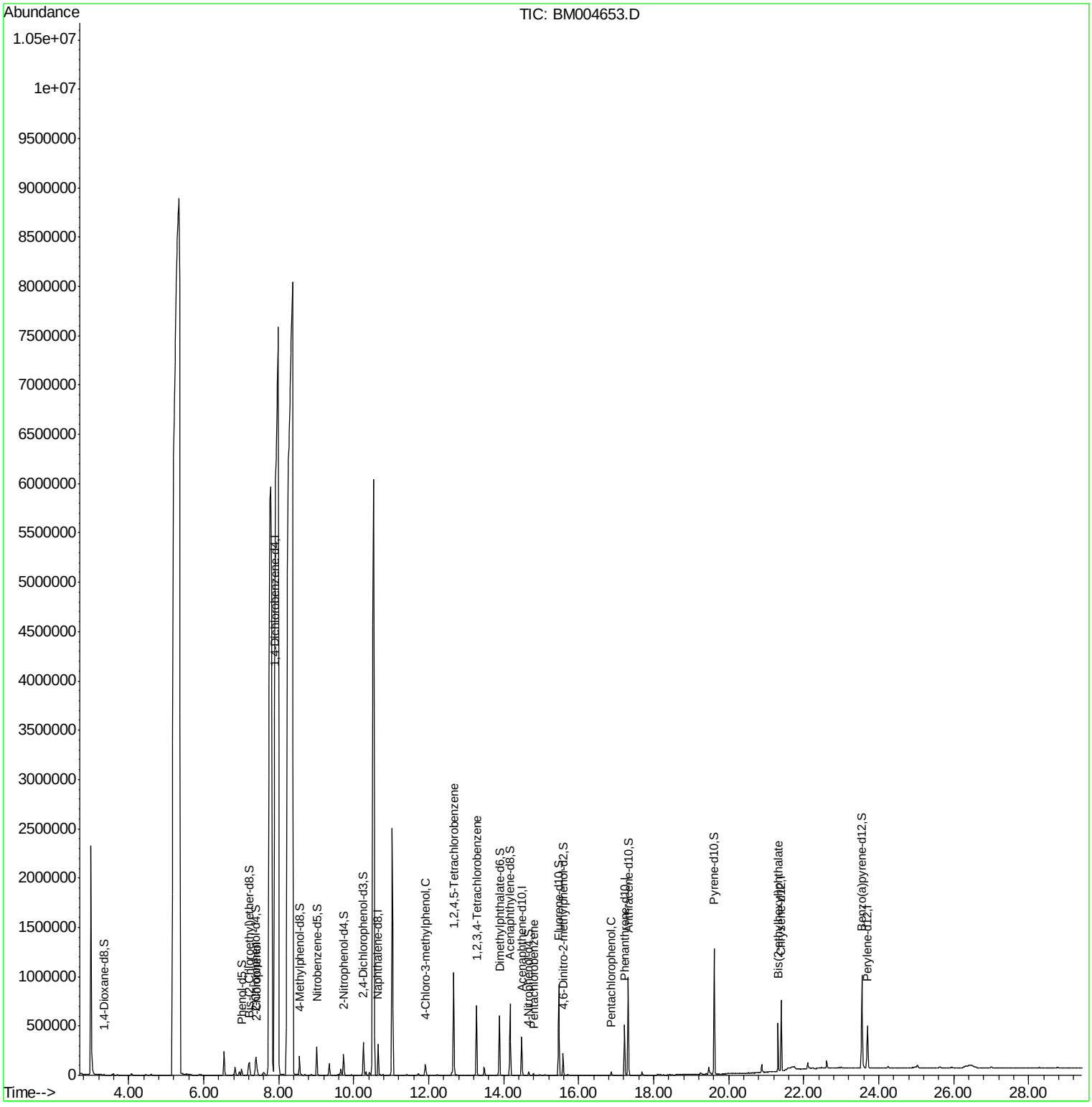
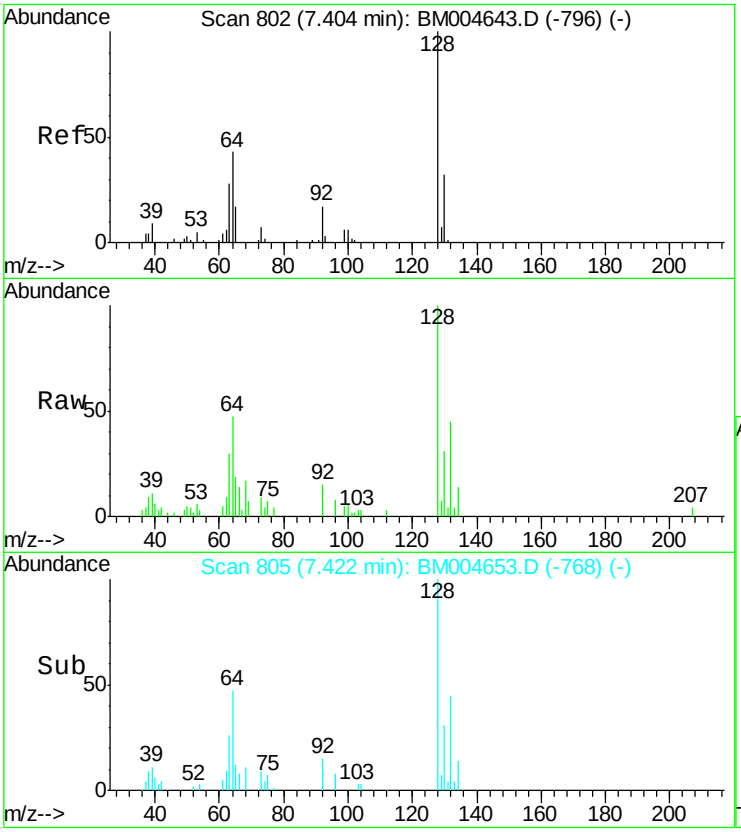


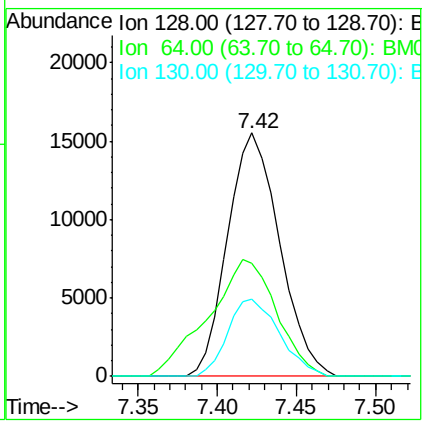


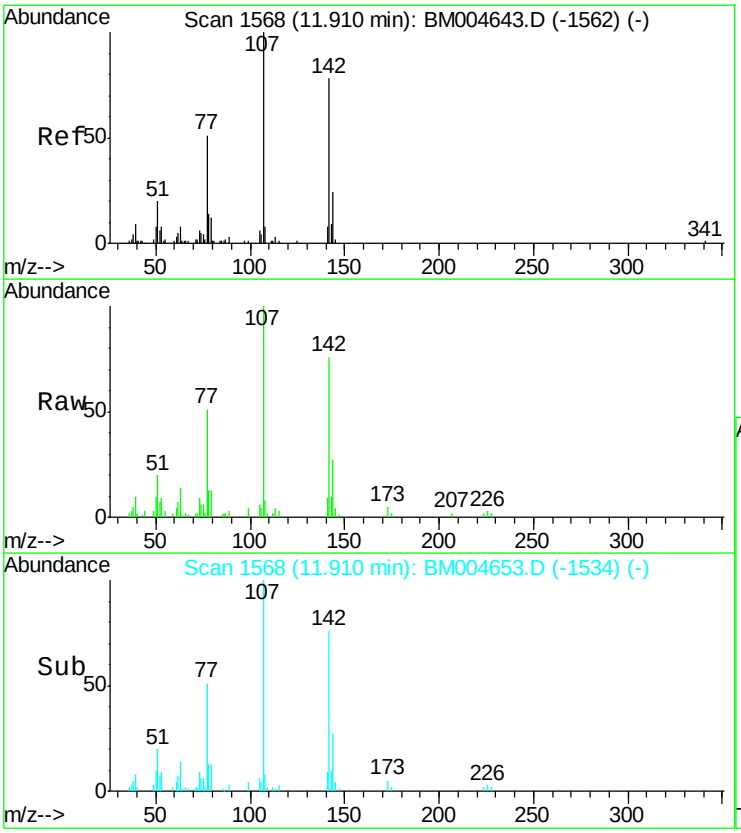
#10
2-Chlorophenol
Concen: 18.15 ng/ul
RT: 7.42 min Scan# 805
Delta R.T. 0.02 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Tgt Ion:128 Resp: 35388

Ion	Ratio	Lower	Upper
128	100		
64	46.5	31.9	47.9
130	31.5	25.6	38.4

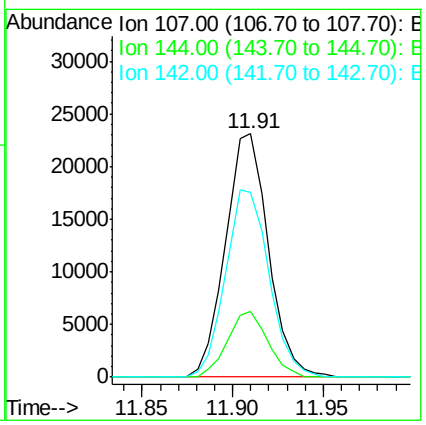


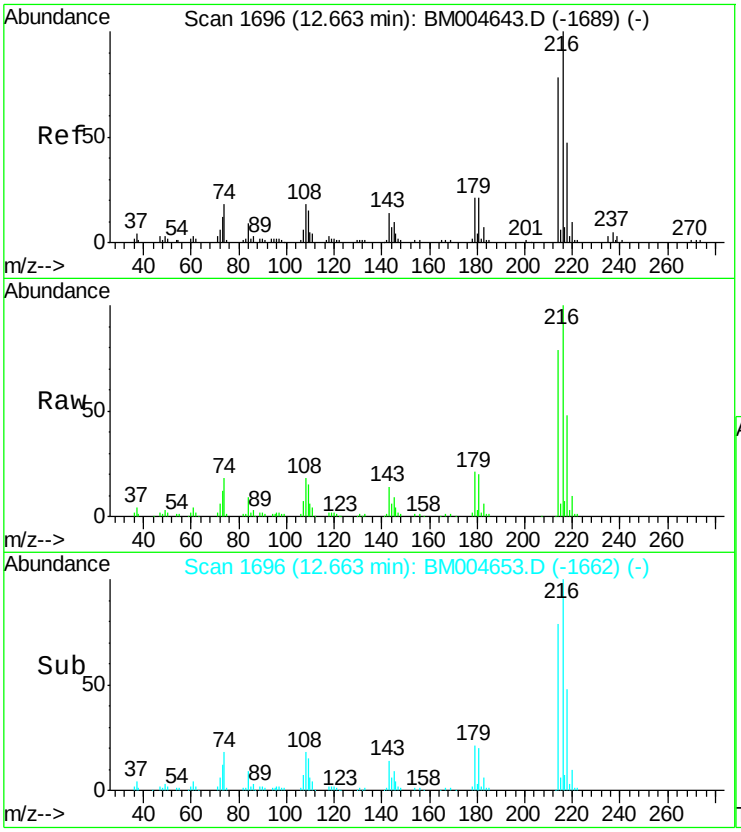


#33
4-Chloro-3-methylphenol
Concen: 8.99 ng/ul
RT: 11.91 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Tgt Ion:107 Resp: 38243

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.4	30.6
142	75.9	62.5	93.7



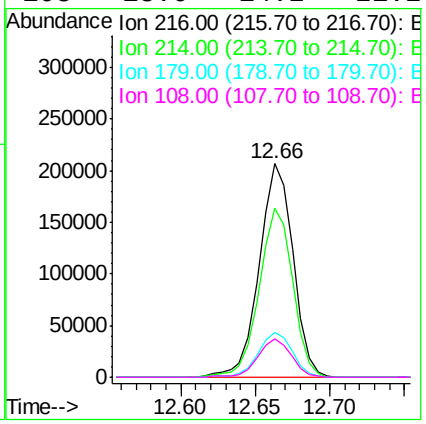


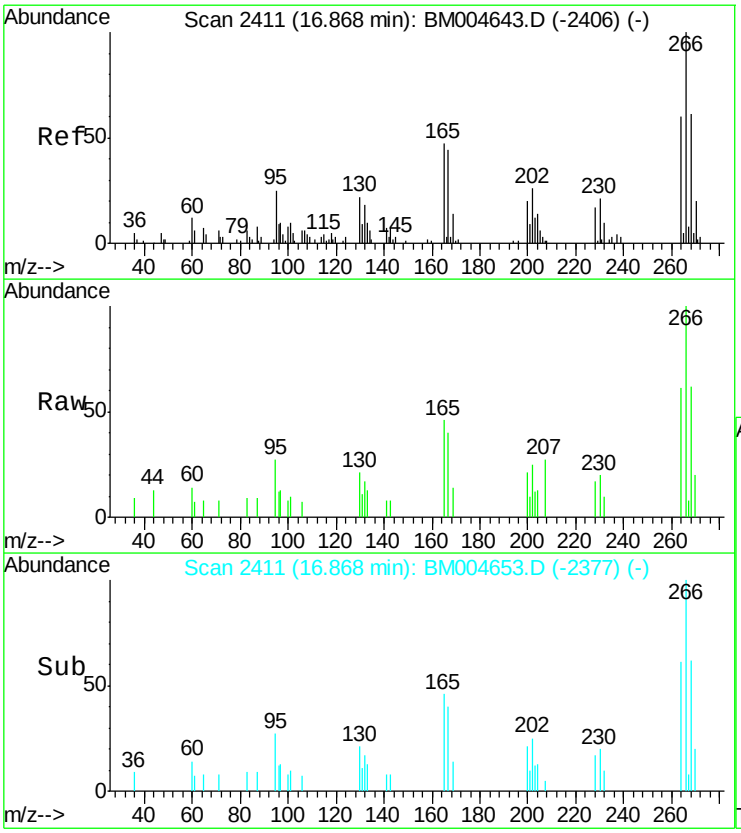
#37
1,2,4,5-Tetrachlorobenzene
Concen: 77.90 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Tgt Ion:216 Resp: 324739

Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.5	93.7
179	21.2	18.2	27.2
108	18.0	14.2	21.2

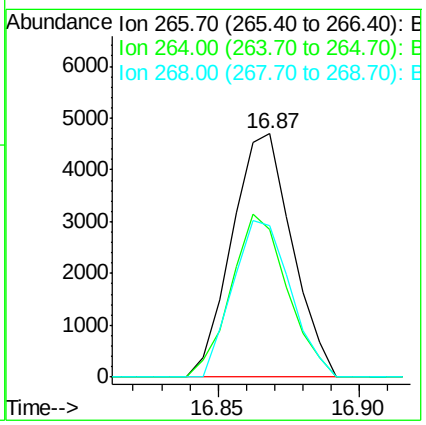


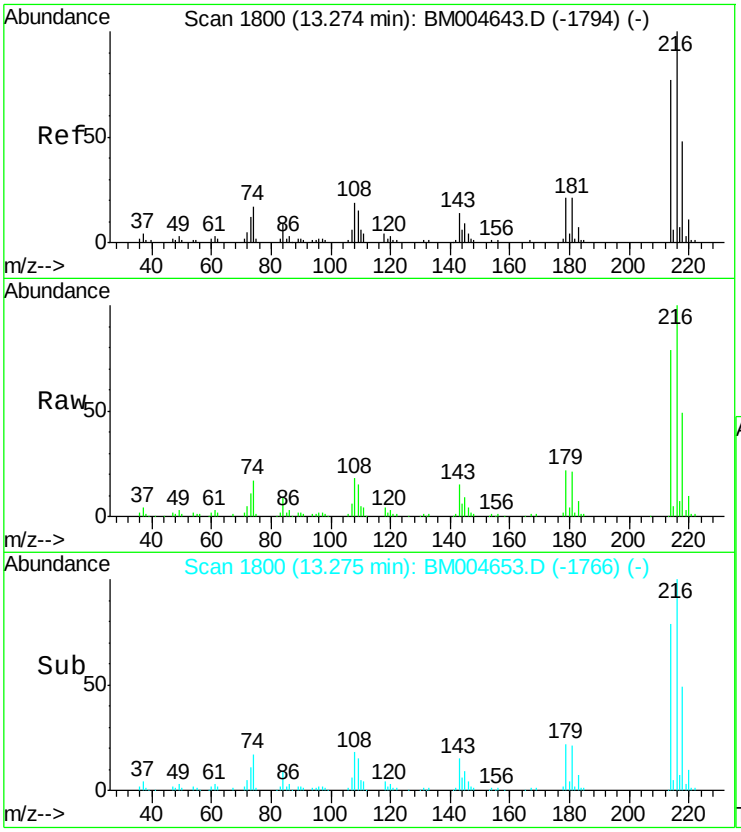


#69
Pentachlorophenol
Concen: 3.26 ng/ul
RT: 16.87 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Tgt Ion:266 Resp: 6940

Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.5	75.7
268	62.0	50.9	76.3



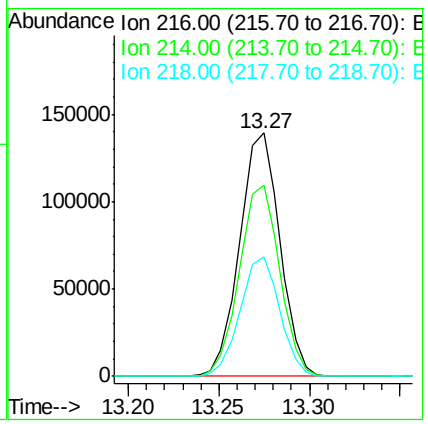


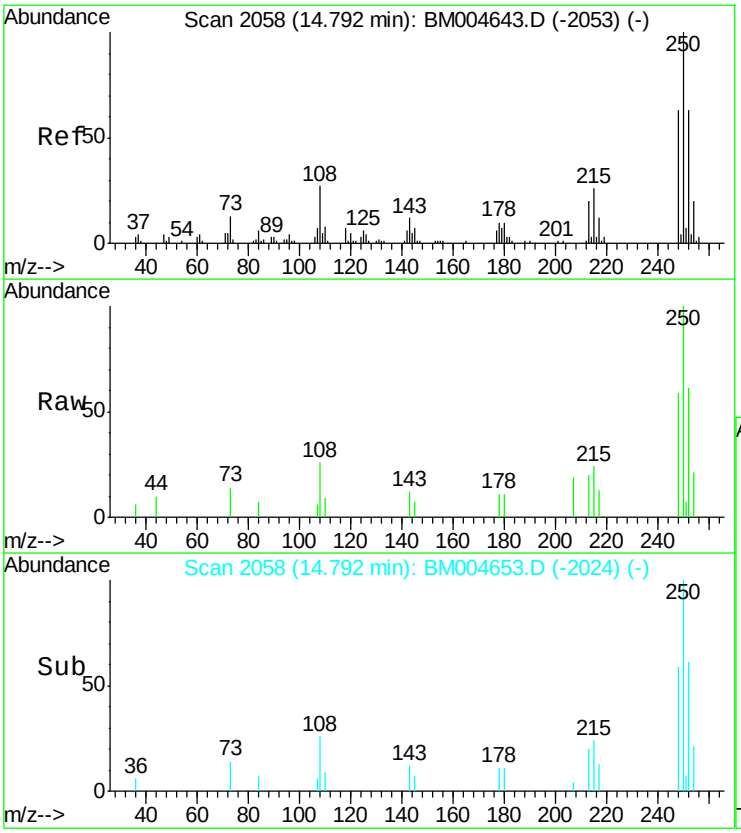
#73
1,2,3,4-Tetrachlorobenzene
Concen: 53.98 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Tgt Ion:216 Resp: 215418

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.5	93.7
218	49.3	38.4	57.6

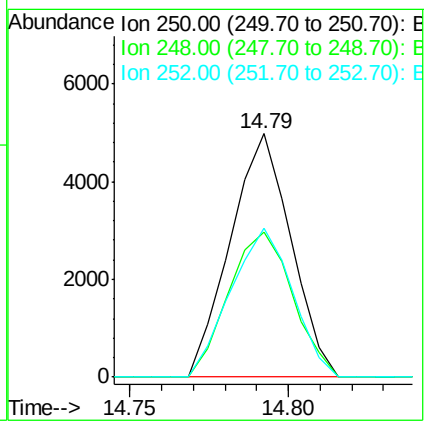


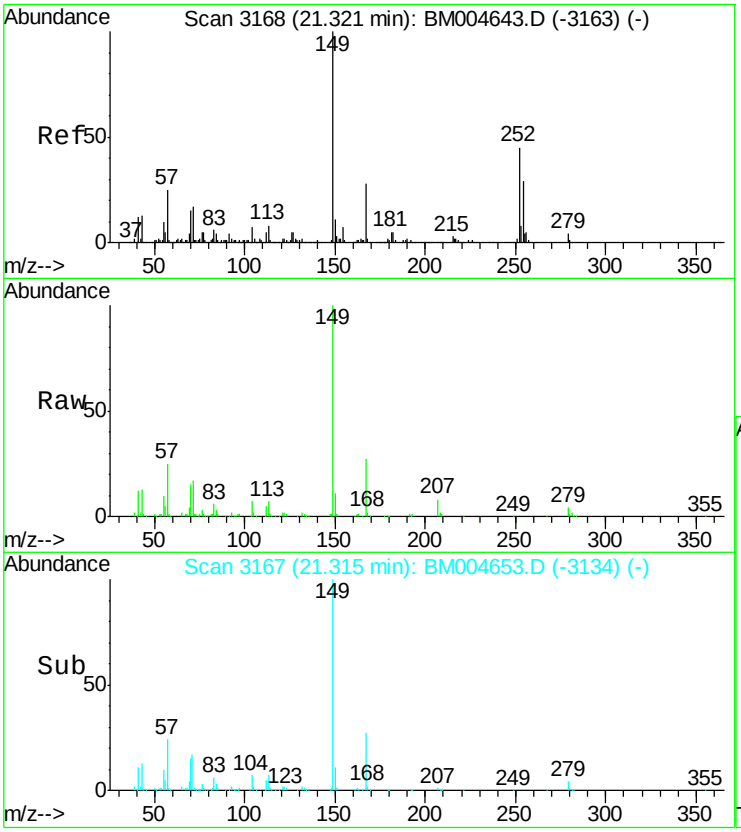


#74
Pentachlorobenzene
Concen: 1.71 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Tgt Ion:250 Resp: 6589

Ion	Ratio	Lower	Upper
250	100		
248	59.3	50.6	75.8
252	61.4	51.4	77.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 14.51 ng/ul
RT: 21.32 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Tgt Ion:149 Resp: 165384

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	4.1	3.0	4.4