Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004667.D
Acq On : 17 Mar 2016 15:32
Operator : UM/SJ
Sample : H1783-16RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB0RE

Quant Time: Mar 18 11:07:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 05:06:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	31218	20.00	ng/ul	0.03
18) Naphthalene-d8	10.65	136	290745	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	154846	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	346119	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	379784	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	356513	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	1956	2.16	ng/uL	0.00
5) Phenol-d5	7.00	99	37754	14.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	113819	78.28	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	125834	60.93	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	74534	36.04	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	76293	37.73	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	81562	37.35	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	136735	31.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	4180	0.82	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	441507	36.47	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	559217	37.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	12301	5.26	ng/ul	0.00
58) Fluorene-d10	15.47	176	385407	36.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	51228	28.16	ng/ul	0.00
71) Anthracene-d10	17.32	188	598010	37.53	ng/ul	0.00
79) Pyrene-d10	19.62	212	668424	38.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	666951	41.88	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.42	128	38134	17.49	ng/ul	93
33) 4-Chloro-3-methylphenol	11.91	107	42854	8.58	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	376069	76.02	ng/ul	98
69) Pentachlorophenol	16.87	266	7729	3.05	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	249354	52.36	ng/uL	100
74) Pentachlorobenzene	14.79	250	8550	1.86	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.31	149	183690	14.04	ng/ul	98

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

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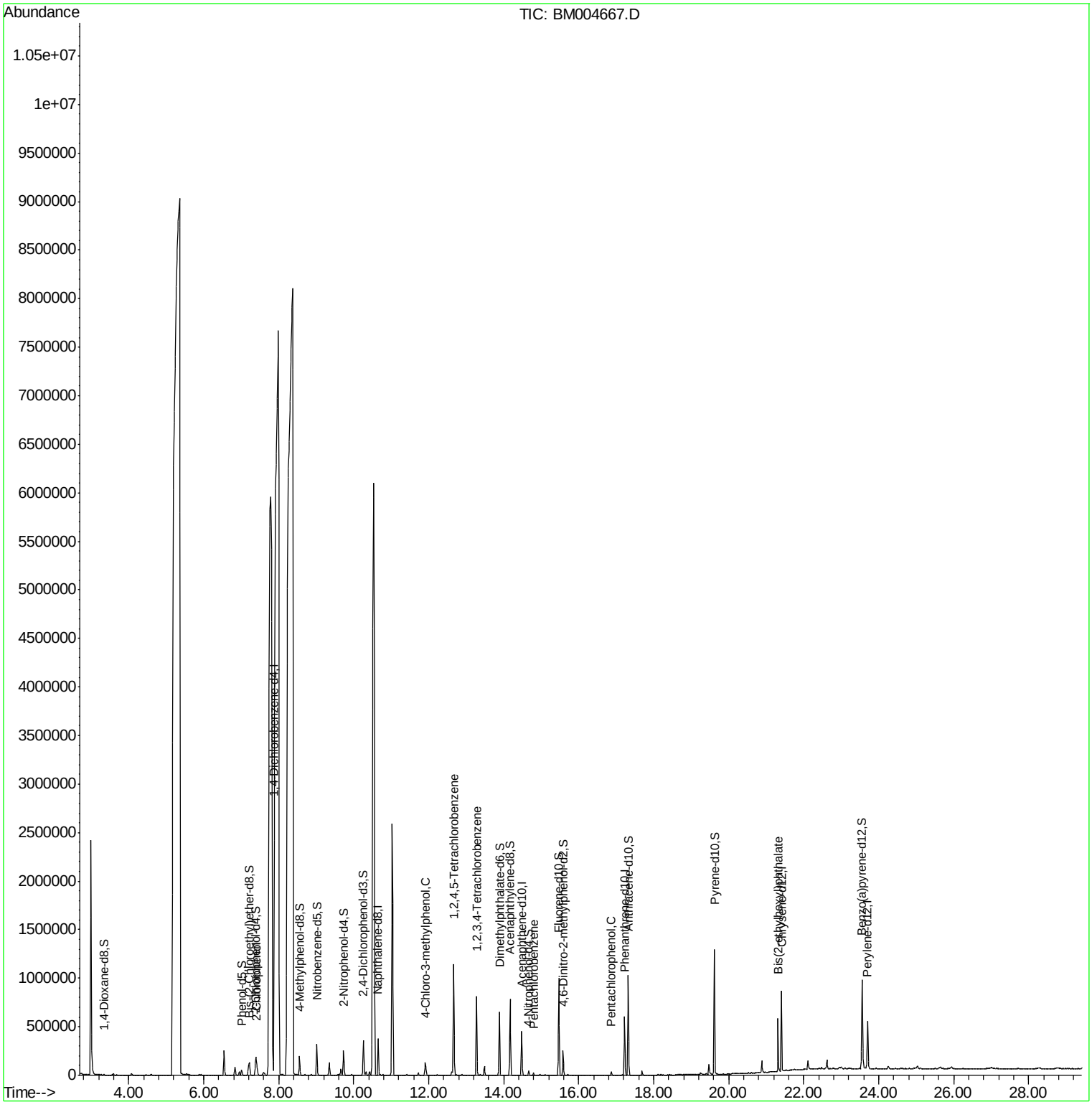
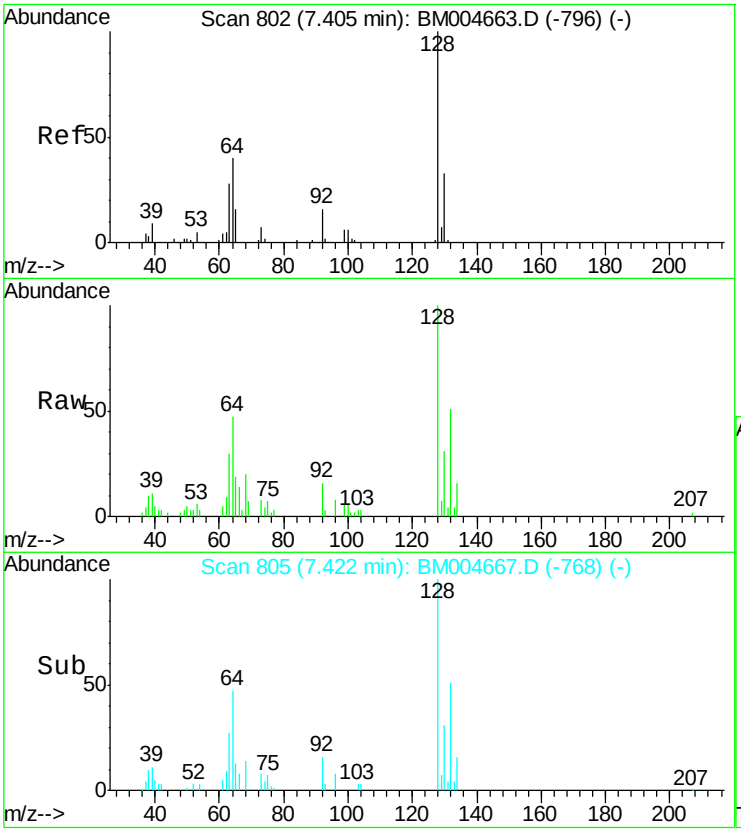


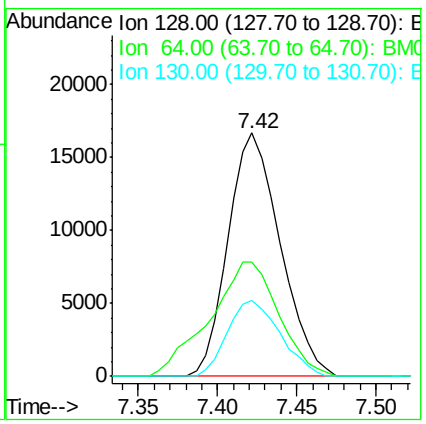


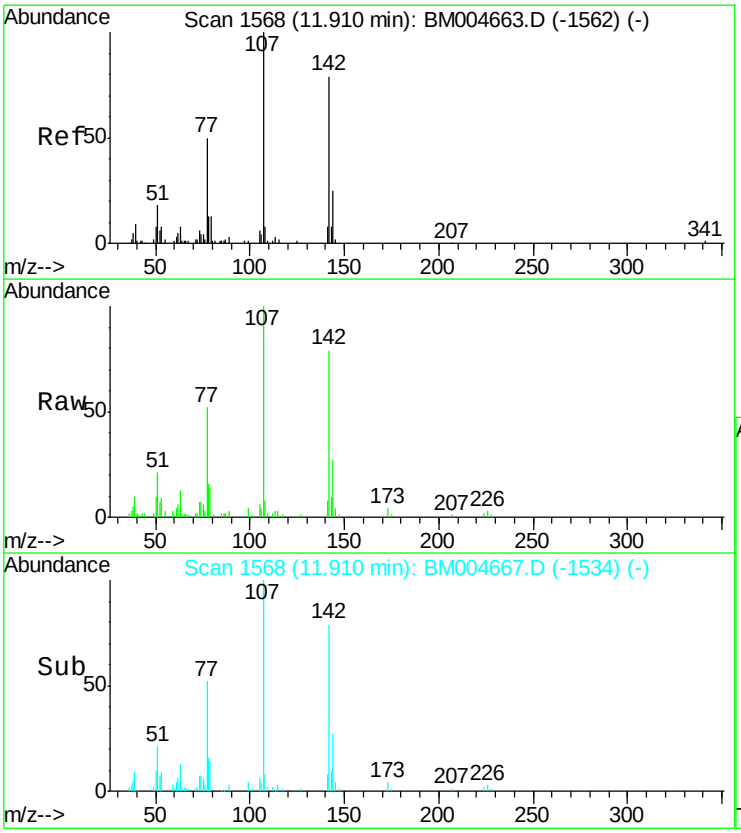
#10
2-Chlorophenol
Concen: 17.49 ng/ul
RT: 7.42 min Scan# 805
Delta R.T. 0.02 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Instrument :
BNA_M
ClientSampleId :
C0AB0RE

Tgt Ion:128 Resp: 38134

Ion	Ratio	Lower	Upper
128	100		
64	47.0	31.9	47.9
130	31.0	25.6	38.4

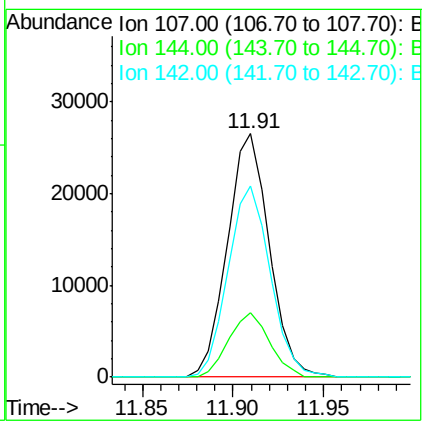


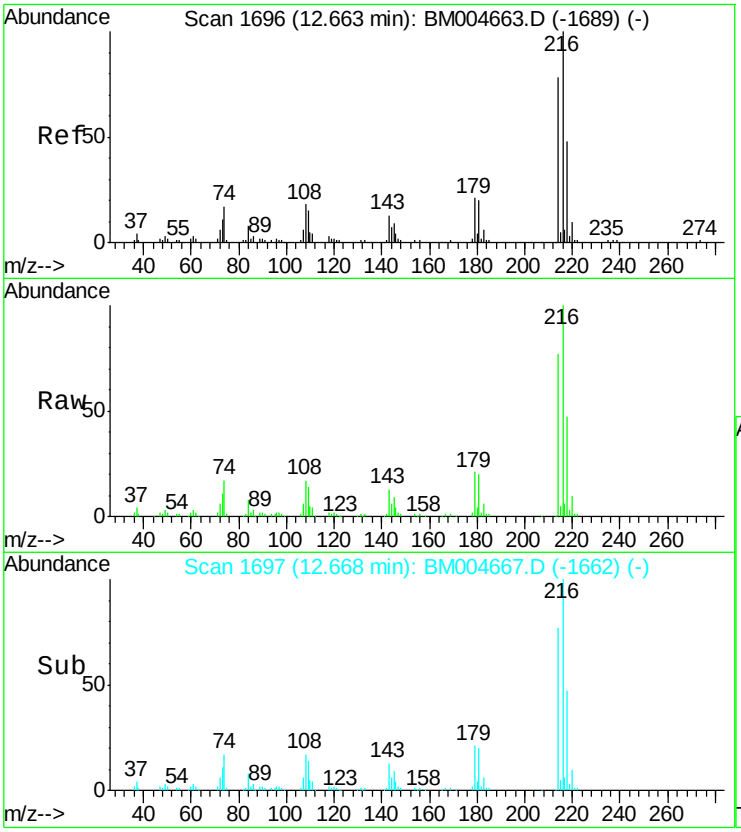


#33
4-Chloro-3-methylphenol
Concen: 8.58 ng/ul
RT: 11.91 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Tgt Ion:107 Resp: 42854

Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.4	30.6
142	78.5	62.5	93.7



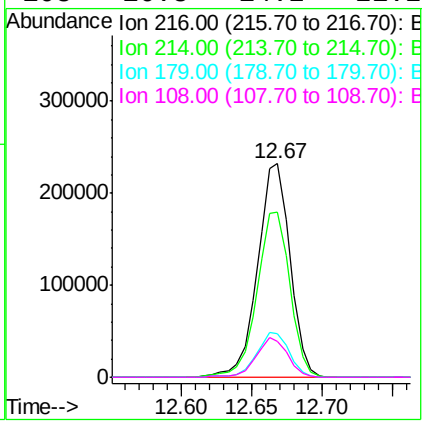


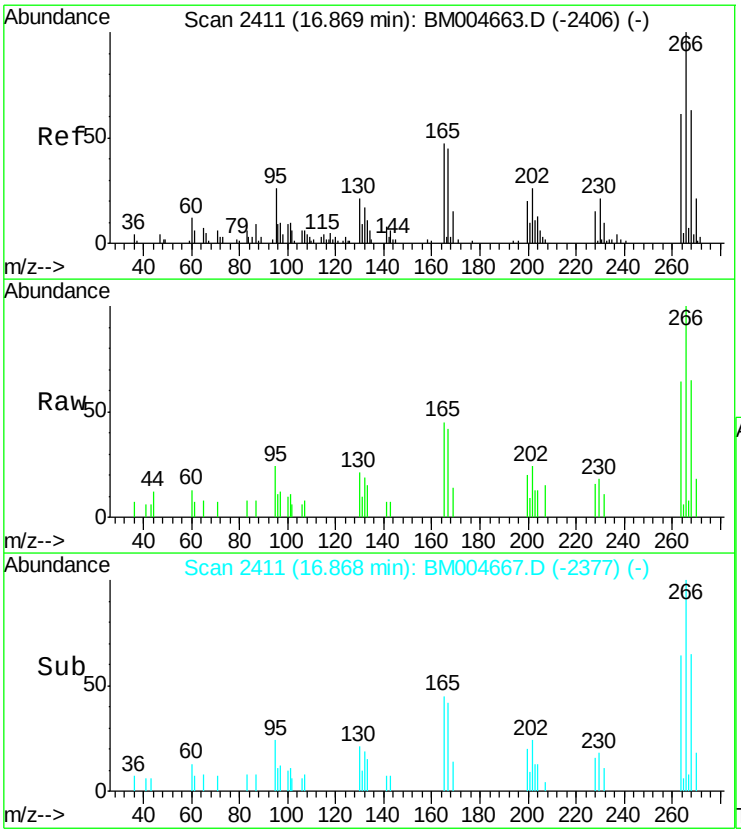
#37
1,2,4,5-Tetrachlorobenzene
Concen: 76.02 ng/ul
RT: 12.67 min Scan# 1697
Delta R.T. 0.01 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Instrument :
BNA_M
ClientSampleId :
C0AB0RE

Tgt Ion:216 Resp: 376069

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.5	93.7
179	20.7	18.2	27.2
108	16.8	14.2	21.2

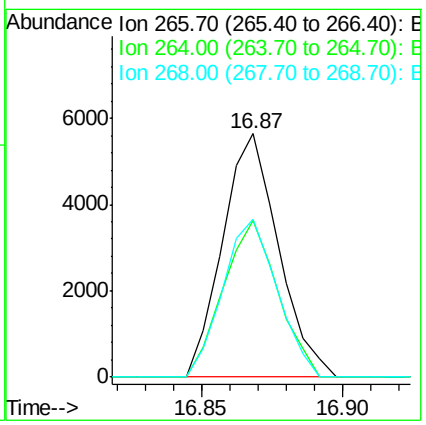


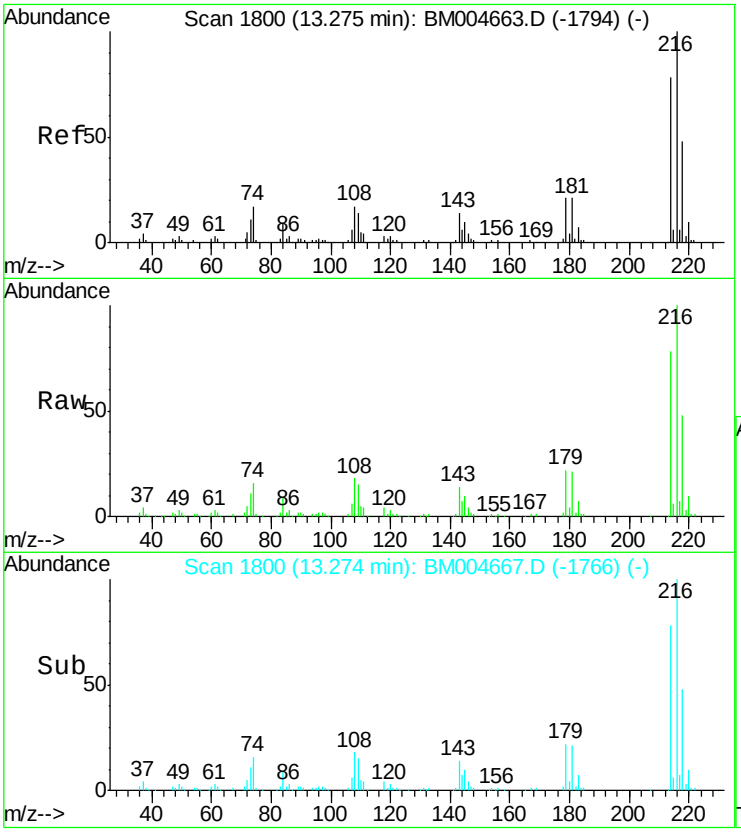


#69
Pentachlorophenol
Concen: 3.05 ng/ul
RT: 16.87 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Tgt Ion:266 Resp: 7729

Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.5	75.7
268	65.1	50.9	76.3



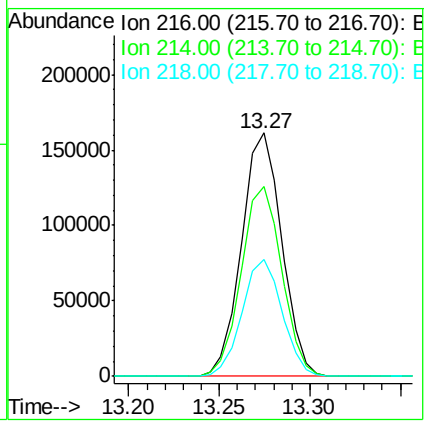


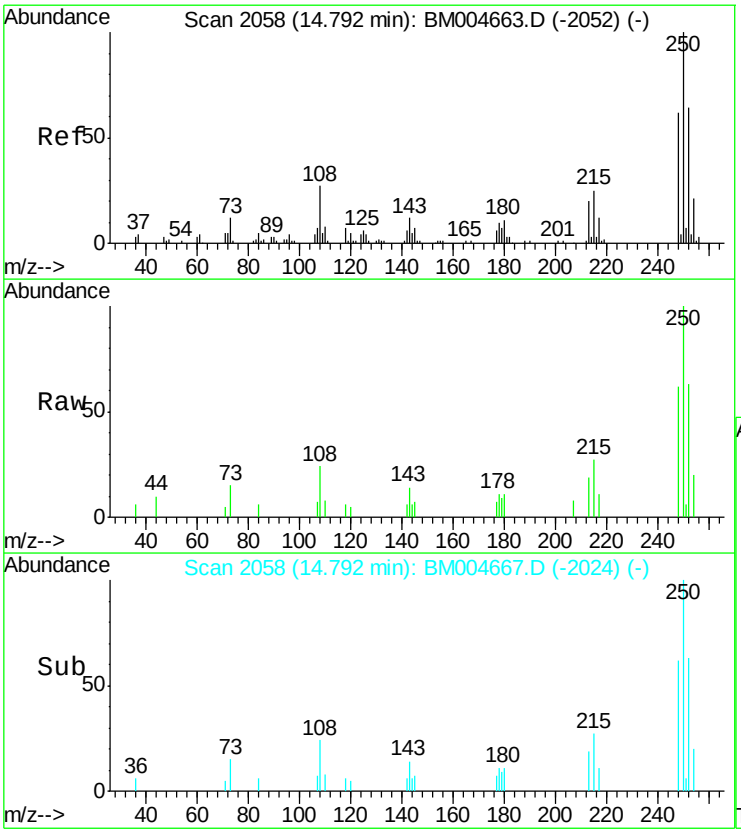
#73
1,2,3,4-Tetrachlorobenzene
Concen: 52.36 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Instrument :
BNA_M
ClientSampleId :
C0AB0RE

Tgt Ion:216 Resp: 249354

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
218	48.0	38.4	57.6

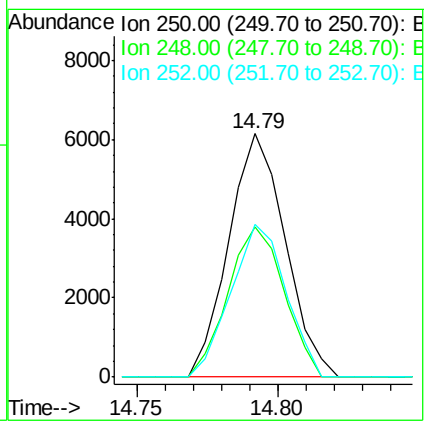


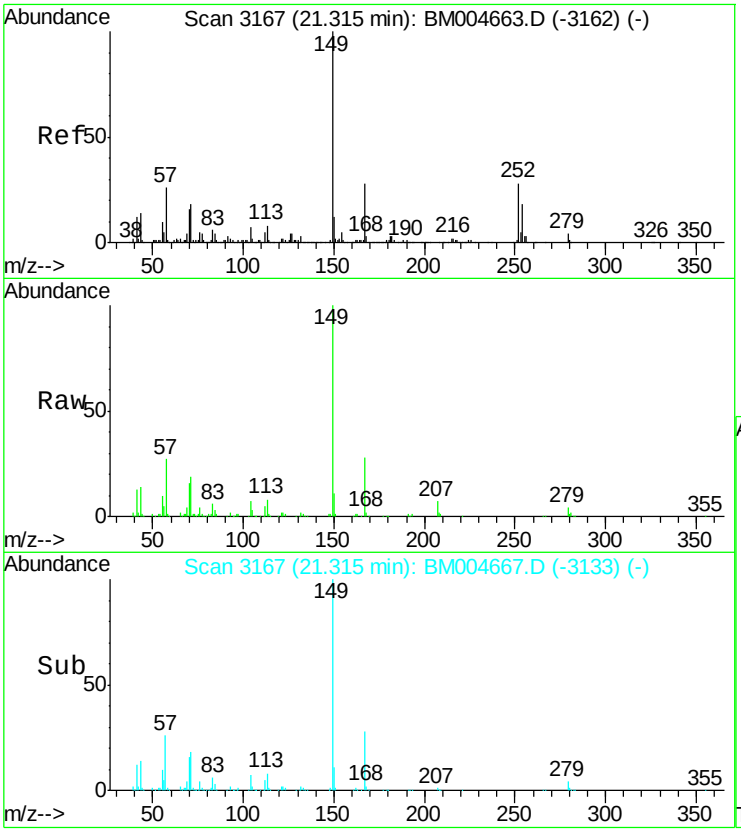


#74
Pentachlorobenzene
Concen: 1.86 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Tgt Ion:250 Resp: 8550

Ion	Ratio	Lower	Upper
250	100		
248	61.5	50.6	75.8
252	62.9	51.4	77.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 14.04 ng/ul
RT: 21.31 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Instrument :
BNA_M
ClientSampleId :
C0AB0RE

Tgt Ion:149 Resp: 183690

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	3.7	3.0	4.4