Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011612.D
Acq On : 19 Sep 2017 19:50
Operator : SJ/JU
Sample : I5271-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH3

Quant Time: Sep 20 06:39:22 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 05:31:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	414104	20.00	ng/ul	0.03
18) Naphthalene-d8	10.80	136	1739768	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.60	164	991774	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2242901	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2377472	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2155710	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	42023	4.56	ng/uL	0.00
5) Phenol-d5	7.12	99	212480	5.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	738993	27.58	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	664511	22.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.67	113	392945	12.66	ng/ul	0.01
19) Nitrobenzene-d5	9.14	128	402997	30.51	ng/ul	0.01
22) 2-Nitrophenol-d4	9.86	143	429717	31.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.40	165	746499	27.01	ng/ul	0.01
29) 4-Chloroaniline-d4	10.92	131	53474	1.75	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2597360	30.98	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3098650	30.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	70336	4.46	ng/ul	0.00
58) Fluorene-d10	15.59	176	2205892	30.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	337207	25.84	ng/ul	0.00
71) Anthracene-d10	17.43	188	3563405	32.26	ng/ul	0.00
79) Pyrene-d10	19.72	212	4059398	36.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3402620	33.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.15	94	67041	1.699	ng/ul	96
10) 2-Chlorophenol	7.54	128	359053	12.282	ng/ul	91
28) Naphthalene	10.85	128	499880	5.541	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	862948	29.332	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	2565810	85.848	ng/uL	98
74) Pentachlorobenzene	14.91	250	161096	5.314	ng/uL	98

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

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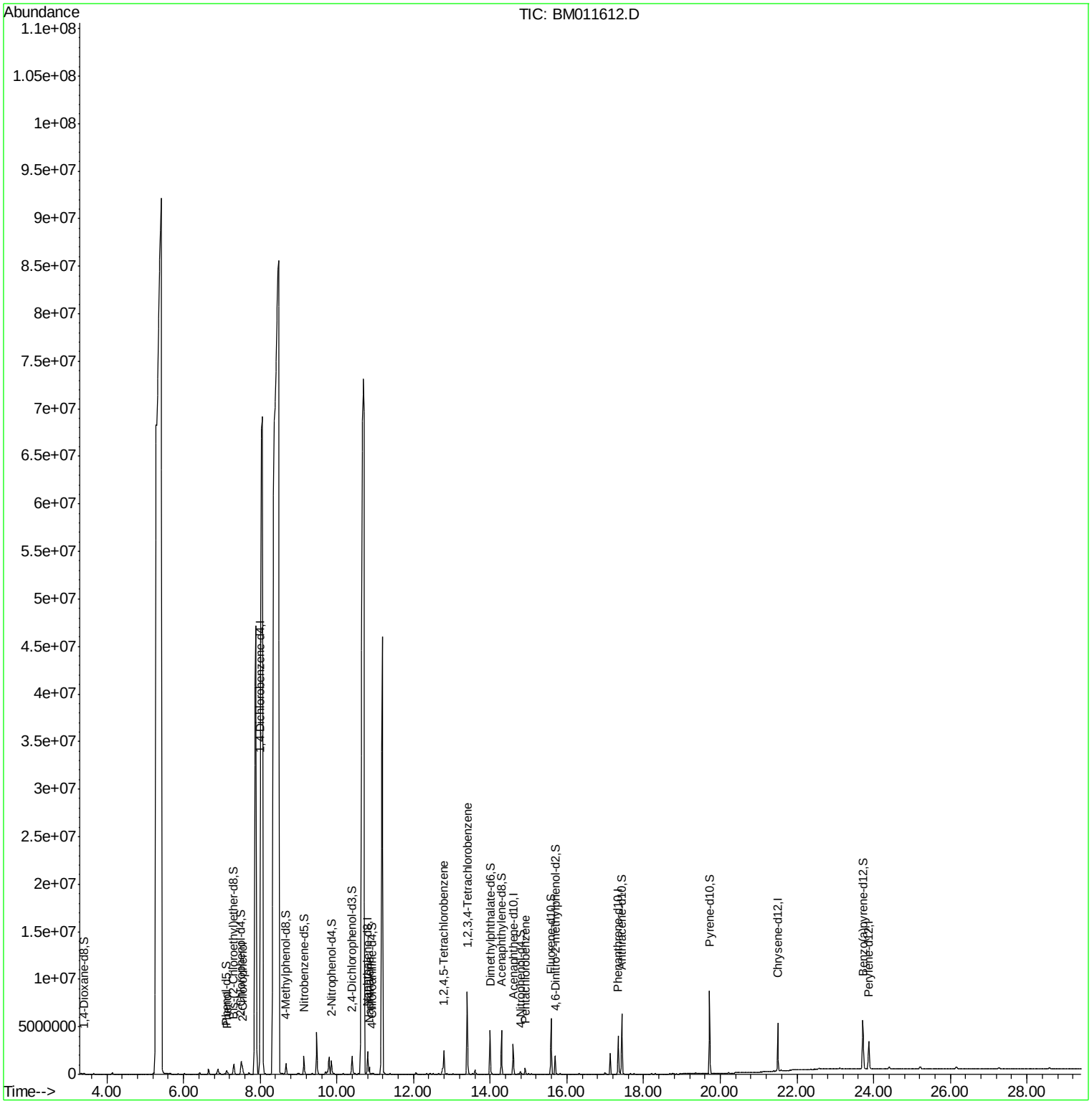
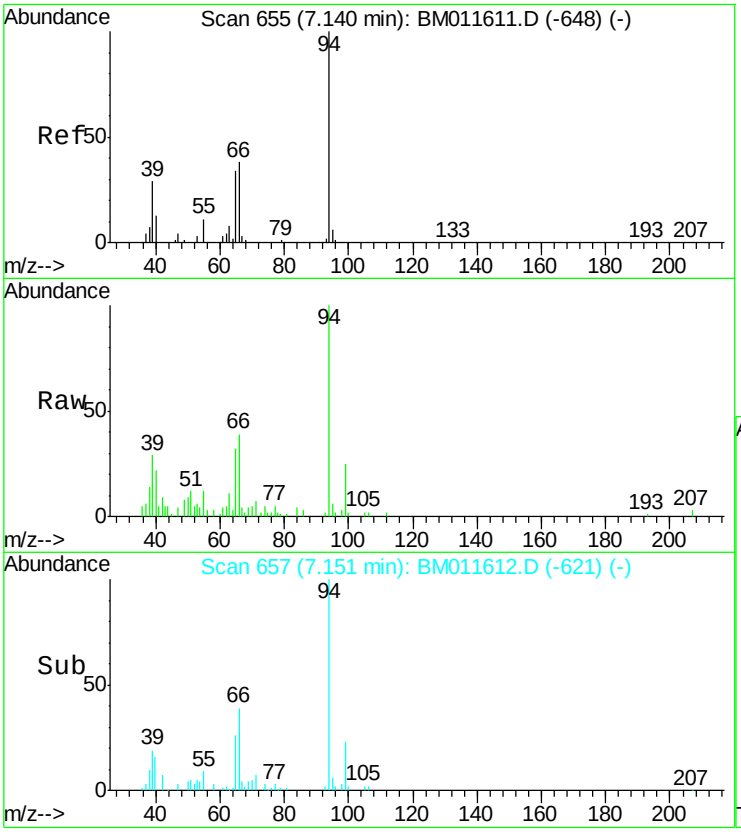


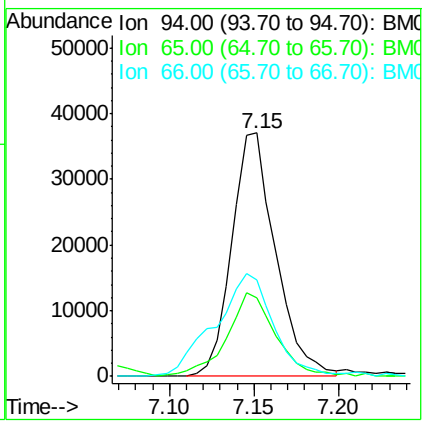


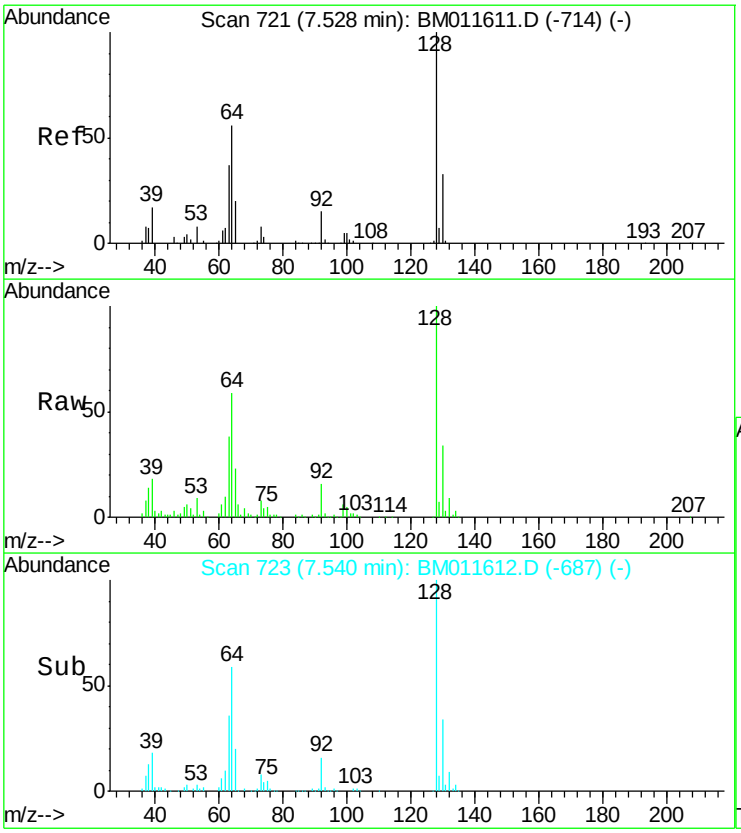
#6
Phenol
Concen: 1.699 ng/ul
RT: 7.15 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM011612.D
Acq: 19 Sep 2017 19:50

Instrument :
BNA_M
ClientSampleId :
C0AH3

Tgt Ion: 94 Resp: 67041

Ion	Ratio	Lower	Upper
94	100		
65	32.4	23.0	34.6
66	39.4	30.4	45.6

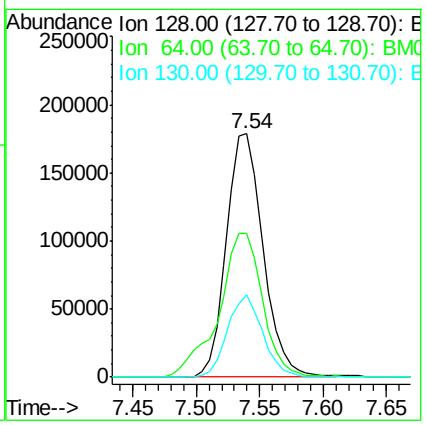


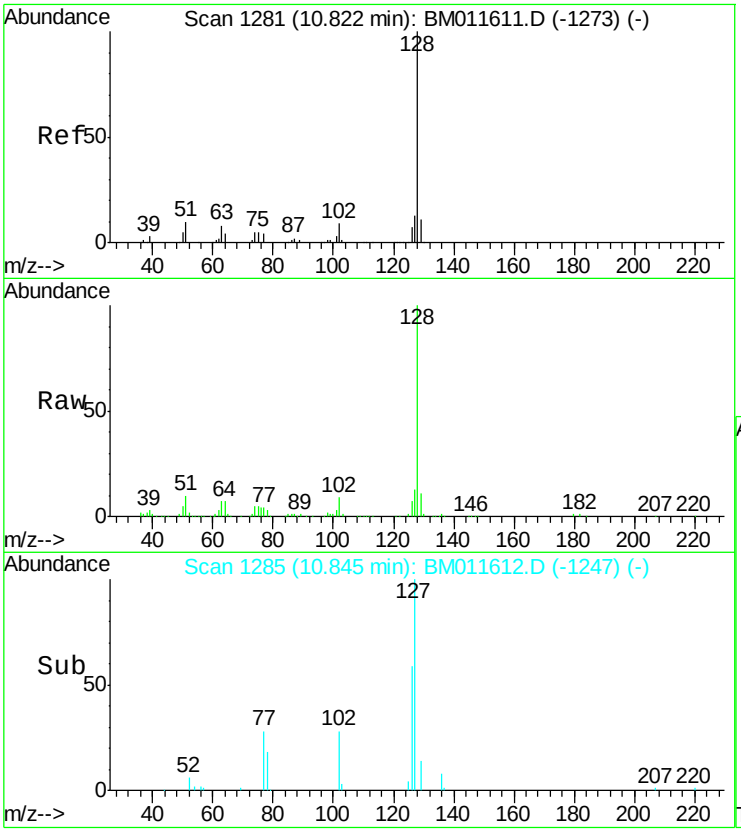


#10
2-Chlorophenol
Concen: 12.282 ng/ul
RT: 7.54 min Scan# 723
Delta R.T. 0.01 min
Lab File: BM011612.D
Acq: 19 Sep 2017 19:50

Tgt Ion:128 Resp: 359053

Ion	Ratio	Lower	Upper
128	100		
64	59.3	39.8	59.6
130	33.6	25.8	38.8



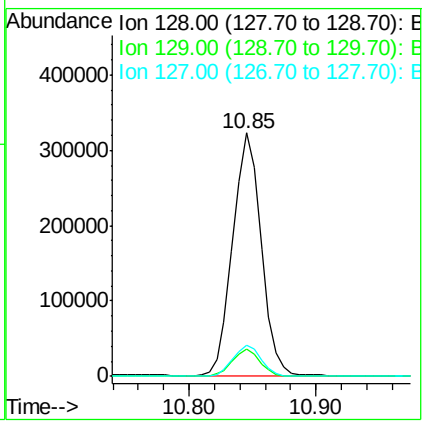


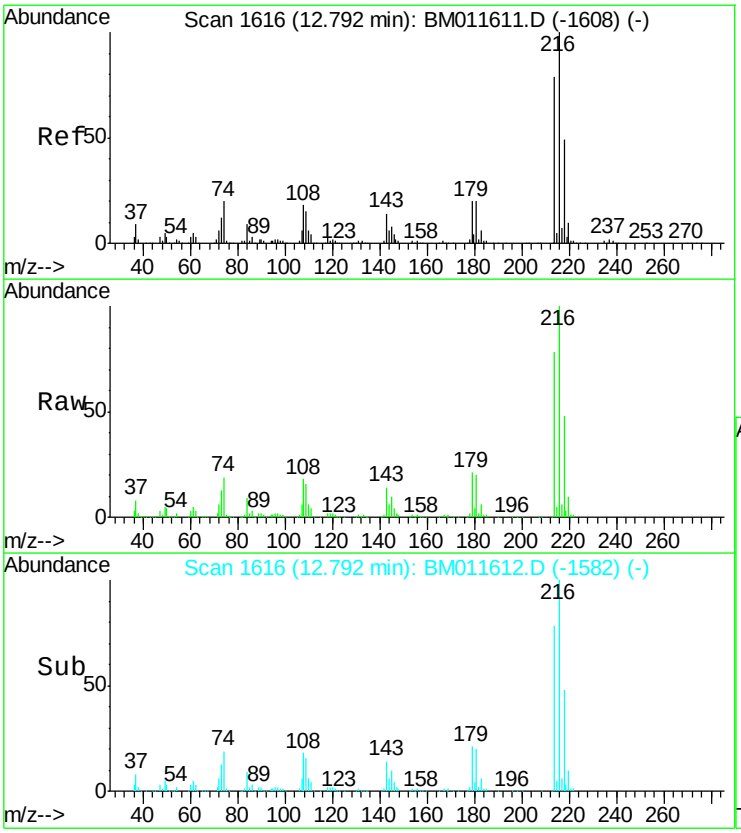
#28
Naphthalene
Concen: 5.541 ng/ul
RT: 10.85 min Scan# 1285
Delta R.T. 0.02 min
Lab File: BM011612.D
Acq: 19 Sep 2017 19:50

Instrument :
BNA_M
ClientSampleId :
C0AH3

Tgt Ion:128 Resp: 499880

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	12.7	10.8	16.2

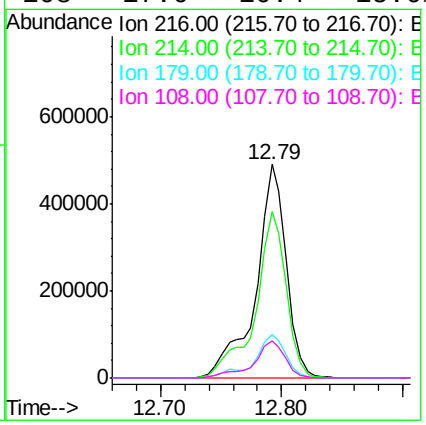


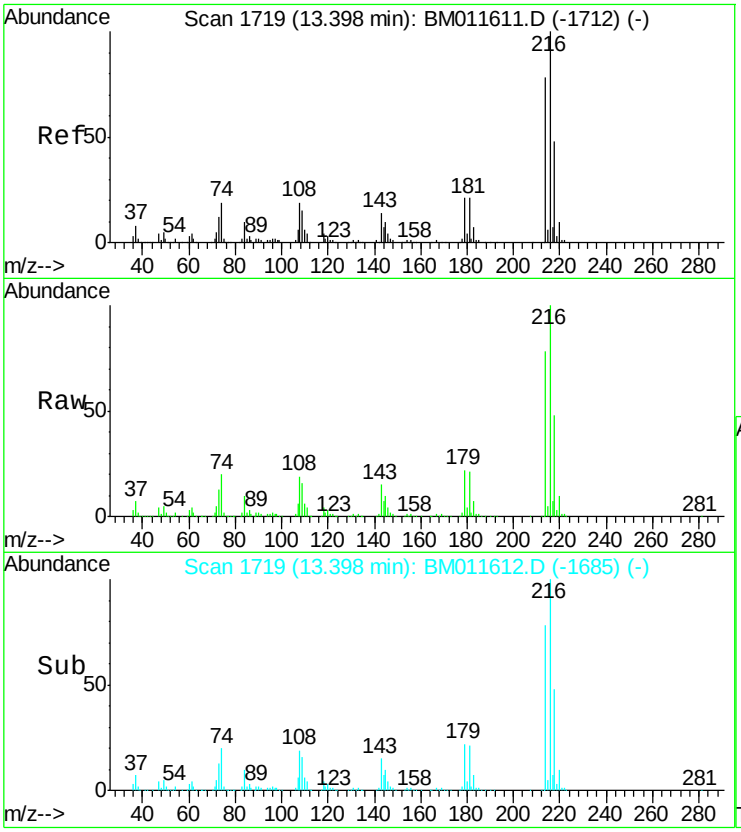


#37
1,2,4,5-Tetrachlorobenzene
Concen: 29.332 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM011612.D
Acq: 19 Sep 2017 19:50

Tgt Ion:216 Resp: 862948

Ion	Ratio	Lower	Upper
216	100		
214	77.7	64.1	96.1
179	20.5	14.5	21.7
108	17.6	10.4	15.6#



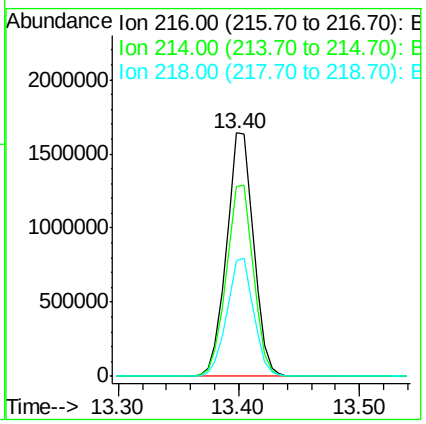


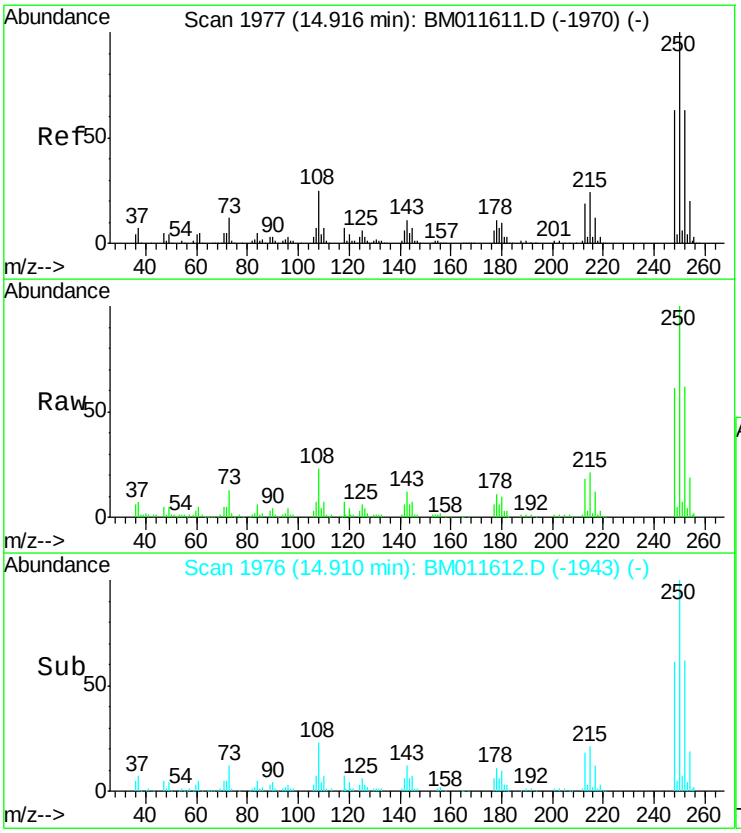
#73
1,2,3,4-Tetrachlorobenzene
Concen: 85.848 ng/uL
RT: 13.40 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM011612.D
Acq: 19 Sep 2017 19:50

Instrument :
BNA_M
ClientSampleId :
C0AH3

Tgt Ion:216 Resp: 2565810

Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.1	96.1
218	47.6	39.4	59.0





#74
Pentachlorobenzene
Concen: 5.314 ng/uL
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM011612.D
Acq: 19 Sep 2017 19:50

Tgt Ion:250 Resp: 161096

Ion	Ratio	Lower	Upper
250	100		
248	61.5	51.4	77.2
252	62.1	49.8	74.6