Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019297.D
Acq On : 22 Oct 2015 1:47
Operator : UM/NP
Sample : G4057-19MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ0MS

Quant Time: Oct 22 09:37:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	14600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	70441	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.62	164	54537	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	122538	20.00	ng/ul	-0.01
78) Chrysene-d12	21.63	240	140813	20.00	ng/ul	-0.01
86) Perylene-d12	24.82	264	143014	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	776	2.96	ng/uL	-0.02
5) Phenol-d5	7.16	99	7829	6.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	20984	25.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	23143	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	16222	15.03	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	16348	30.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	18219	31.63	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.42	165	34087	29.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	613	0.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	129377	27.12	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	147137	28.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	5251	6.12	ng/ul	0.00
58) Fluorene-d10	15.61	176	122059	29.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	24879	32.91	ng/ul	0.00
71) Anthracene-d10	17.46	188	173569	29.98	ng/ul	0.00
79) Pyrene-d10	19.75	212	206160	32.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	224088	31.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.19	94	8457	6.37	ng/ul#	78
10) 2-Chlorophenol	7.56	128	23900	25.06	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.78	70	28198	30.29	ng/ul	97
24) 2,4-Dimethylphenol	9.97	107	124279	83.82	ng/ul	88
27) 2,4-Dichlorophenol	10.44	162	2156	1.87	ng/ul#	59
28) Naphthalene	10.84	128	7503	2.04	ng/ul	95
33) 4-Chloro-3-methylphenol	12.09	107	38875	26.79	ng/ul	88
35) 1-Methylnaphthalene	12.66	142	3733	1.31	ng/ul#	90
50) Acenaphthene	14.68	153	101788	26.73	ng/ul	96
53) 4-Nitrophenol	14.87	109	5008	5.34	ng/ul#	74
55) 2,4-Dinitrotoluene	14.99	165	38317	25.77	ng/ul	94
69) Pentachlorophenol	17.03	266	29622	35.90	ng/ul	95
80) Pyrene	19.78	202	248236	29.70	ng/ul#	89

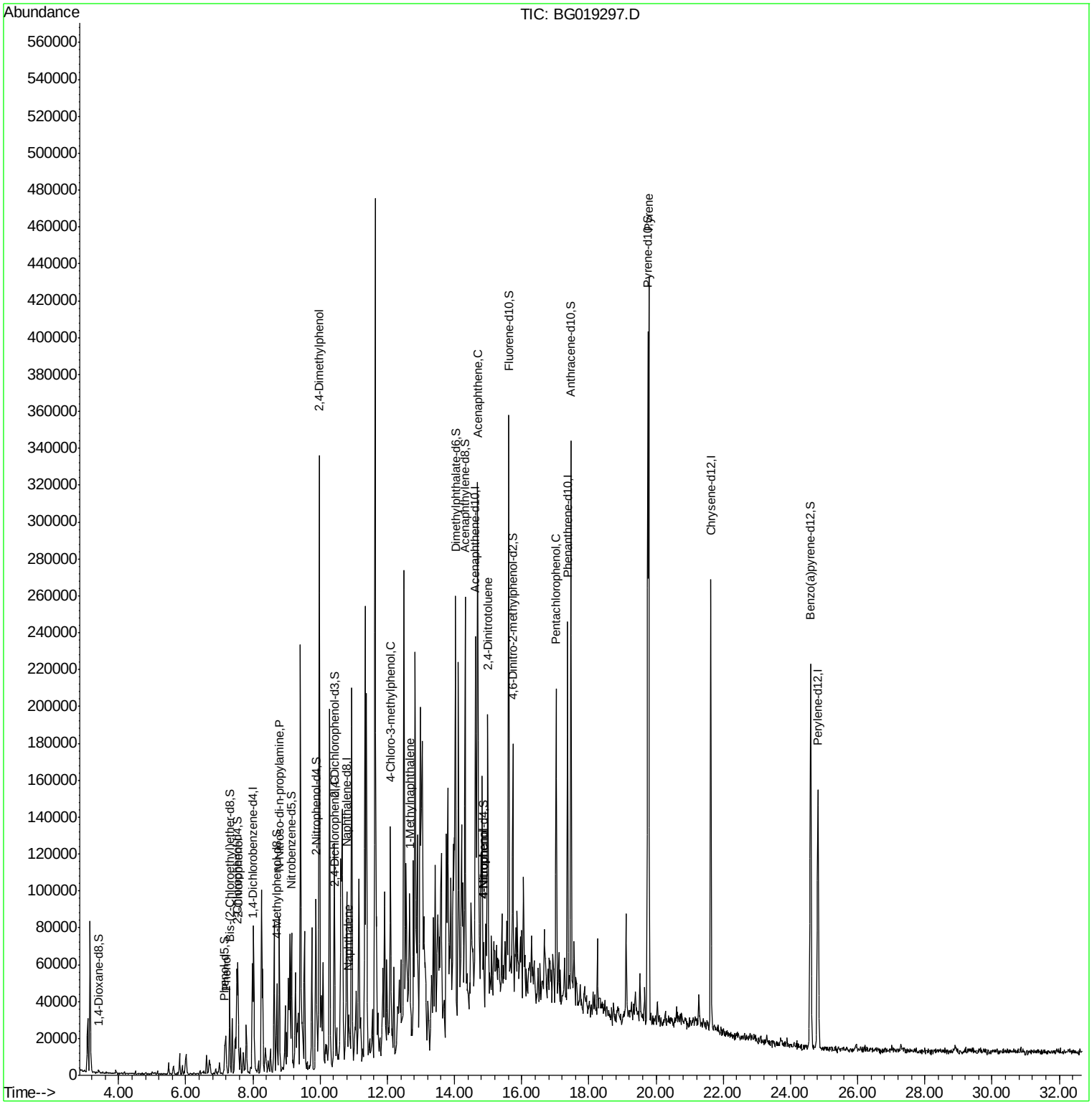
(#) = qualifier out of range (m) = manual integration (+) = signals summed

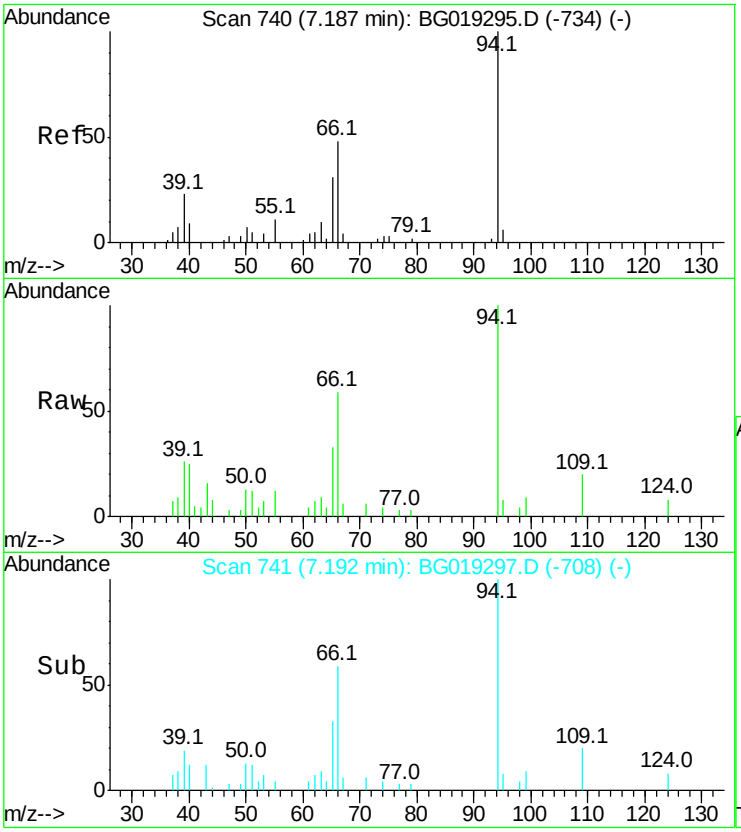
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019297.D
Acq On : 22 Oct 2015 1:47
Operator : UM/NP
Sample : G4057-19MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Quant Time: Oct 22 09:37:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration



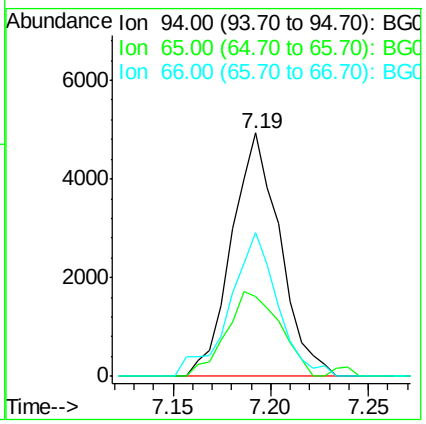


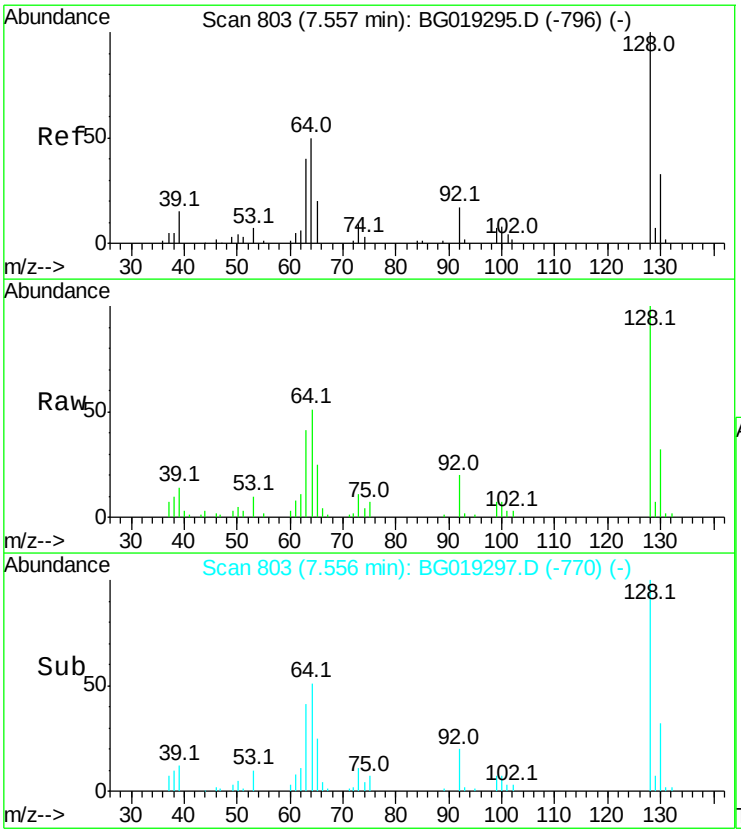
#6
Phenol
Concen: 6.37 ng/ul
RT: 7.19 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion: 94 Resp: 8457

Ion	Ratio	Lower	Upper
94	100		
65	32.9	24.9	37.3
66	59.3	29.1	43.7#

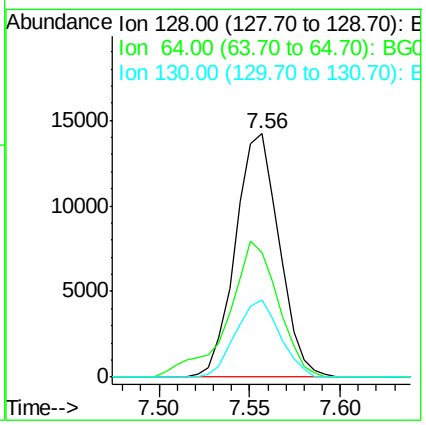


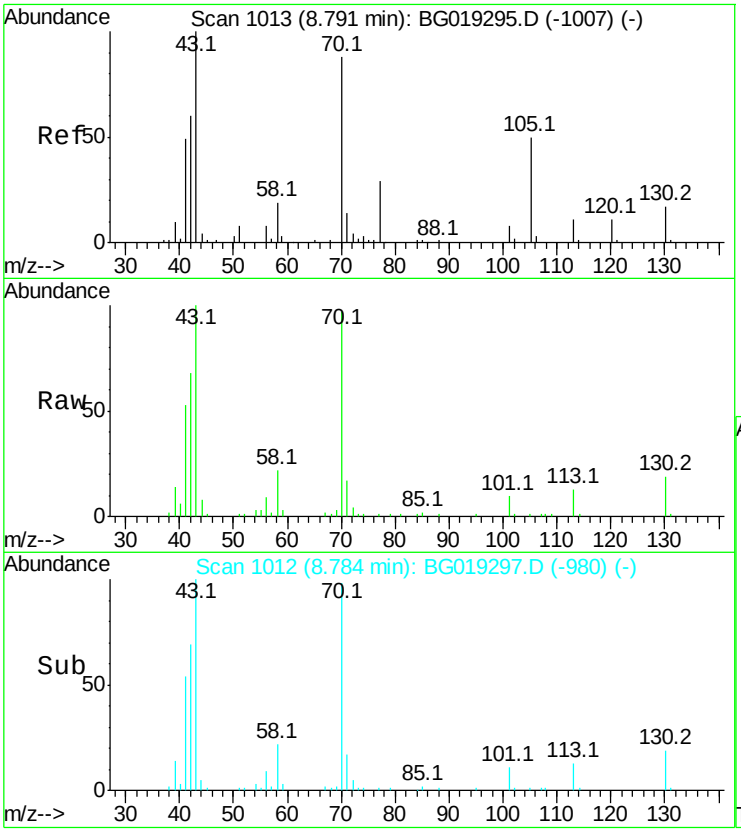


#10
2-Chlorophenol
Concen: 25.06 ng/ul
RT: 7.56 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Tgt Ion:128 Resp: 23900

Ion	Ratio	Lower	Upper
128	100		
64	51.1	43.3	64.9
130	31.5	26.5	39.7



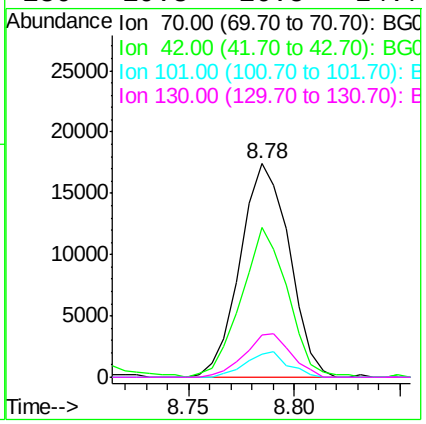


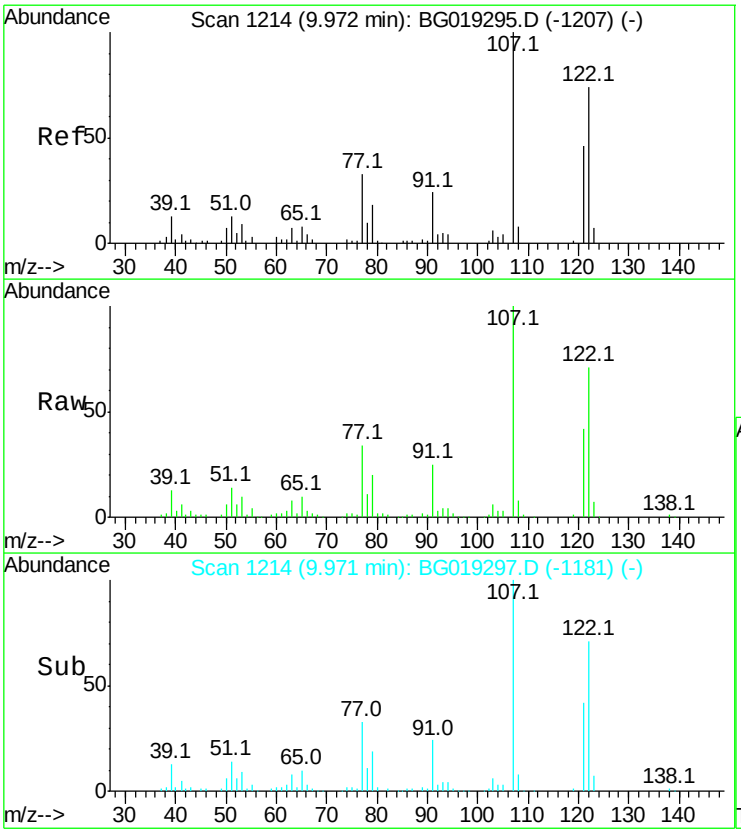
#15
N-Nitroso-di-n-propylamine
Concen: 30.29 ng/ul
RT: 8.78 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion: 70 Resp: 28198

Ion	Ratio	Lower	Upper
70	100		
42	70.3	53.6	80.4
101	10.7	7.9	11.9
130	19.8	16.5	24.7

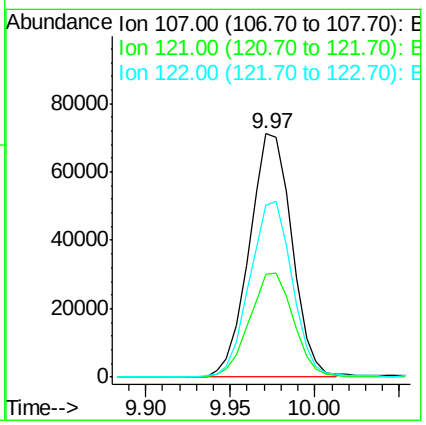


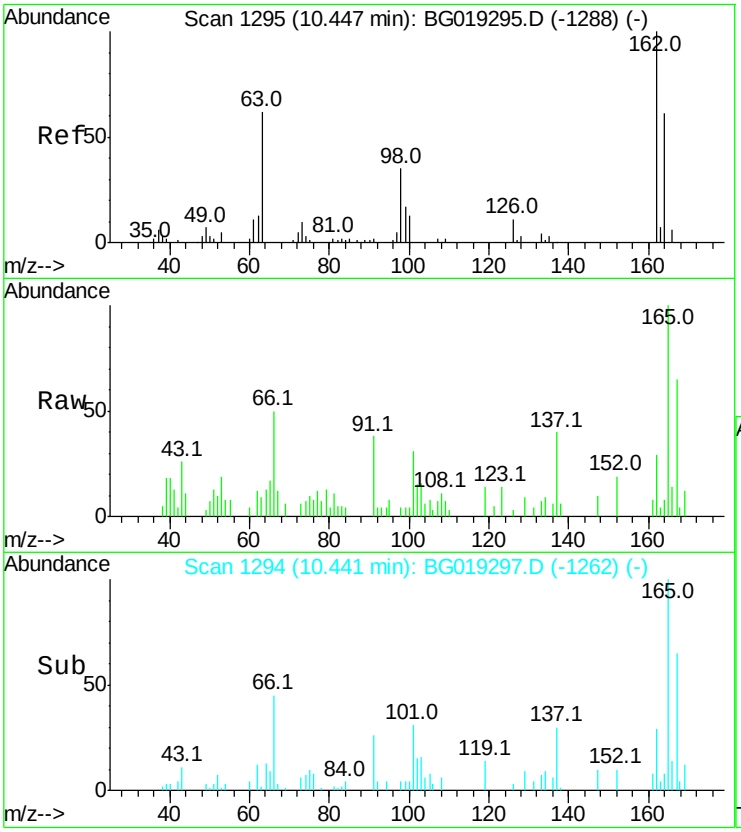


#24
2,4-Dimethylphenol
Concen: 83.82 ng/ul
RT: 9.97 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Tgt Ion:107 Resp: 124279

Ion	Ratio	Lower	Upper
107	100		
121	42.2	37.2	55.8
122	70.8	67.6	101.4



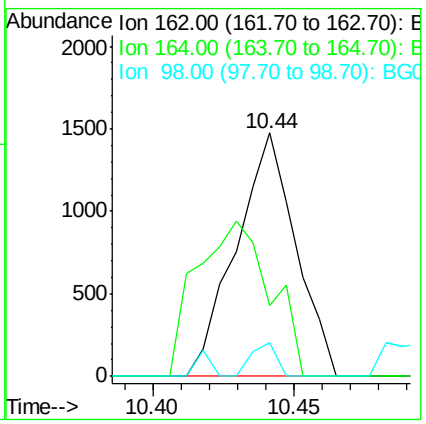


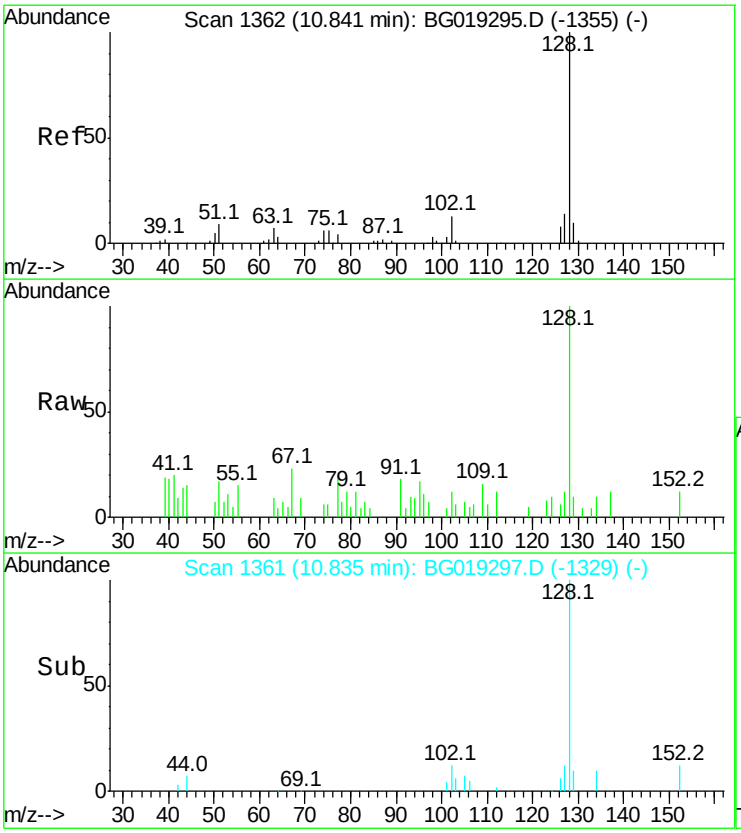
#27
2,4-Dichlorophenol
Concen: 1.87 ng/ul
RT: 10.44 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:162 Resp: 2156

Ion	Ratio	Lower	Upper
162	100		
164	29.1	50.0	75.0#
98	13.8	29.0	43.6#

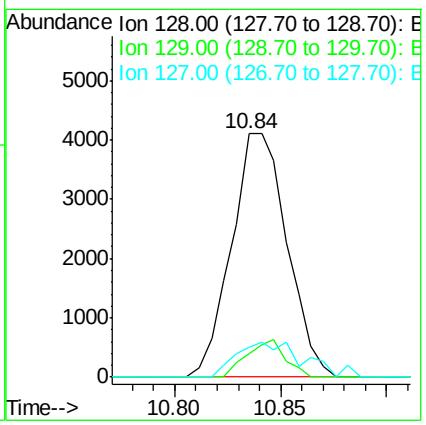


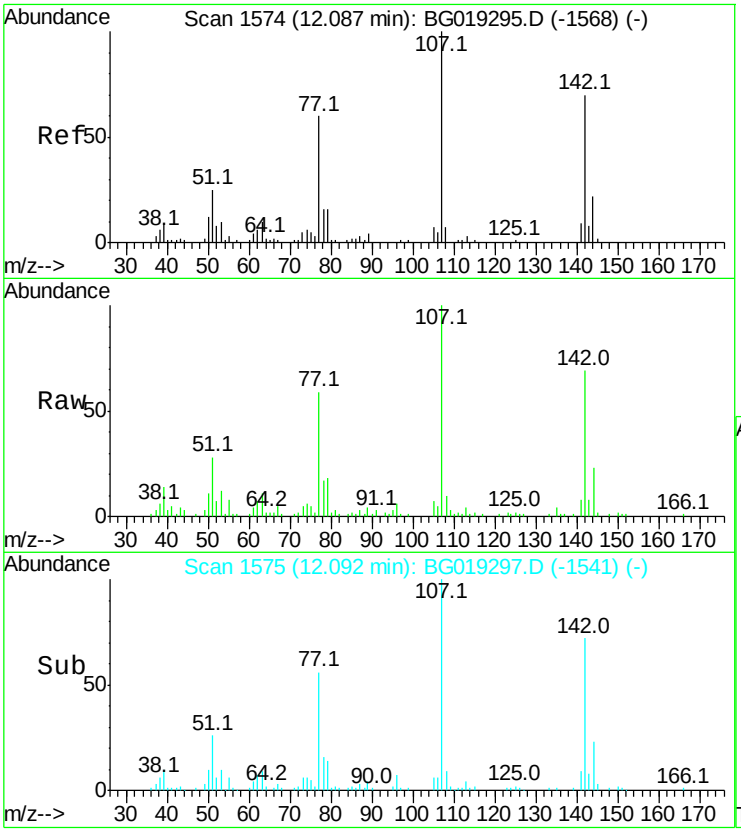


#28
Naphthalene
Concen: 2.04 ng/ul
RT: 10.84 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Tgt Ion:128 Resp: 7503

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.6	14.4
127	12.3	11.3	16.9



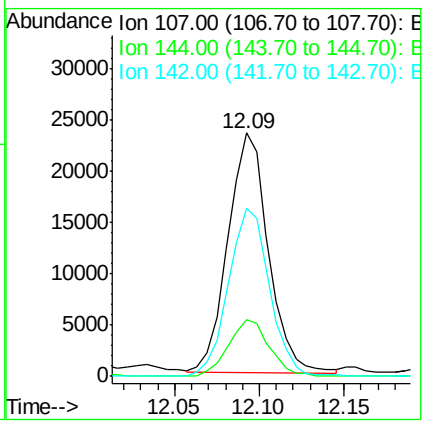


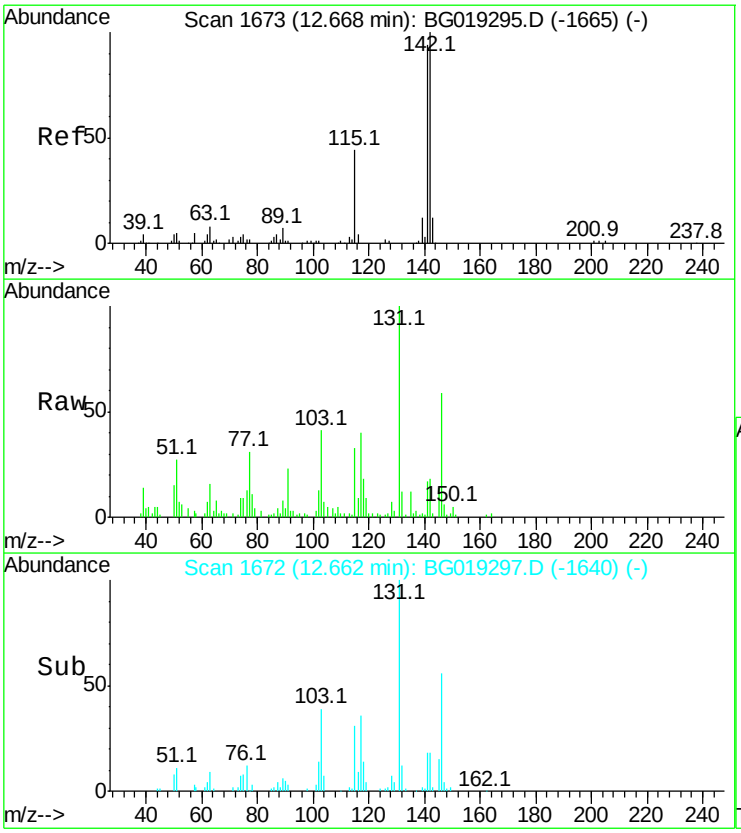
#33
4-Chloro-3-methylphenol
Concen: 26.79 ng/ul
RT: 12.09 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:107 Resp: 38875

Ion	Ratio	Lower	Upper
107	100		
144	23.1	20.9	31.3
142	69.0	65.6	98.4

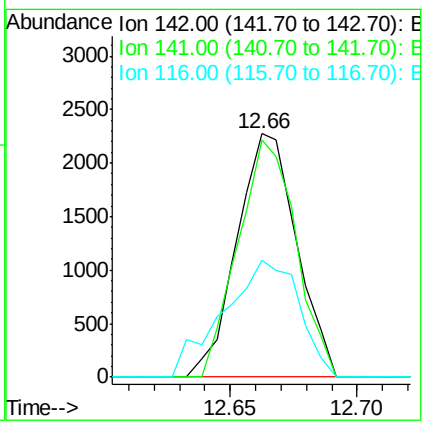


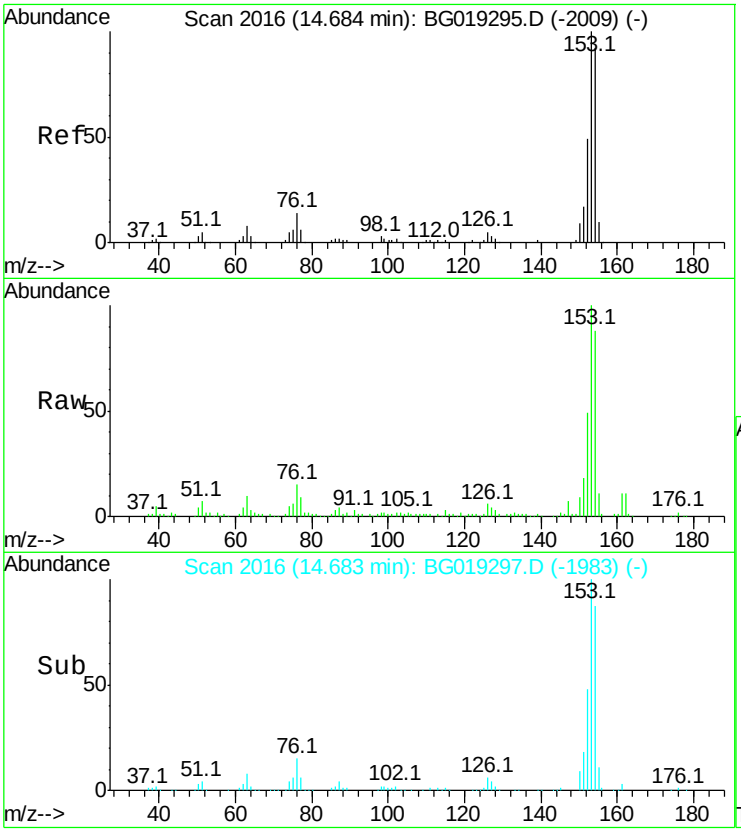


#35
1-Methylnaphthalene
Concen: 1.31 ng/ul
RT: 12.66 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Tgt Ion:142 Resp: 3733

Ion	Ratio	Lower	Upper
142	100		
141	97.5	74.8	112.2
116	48.0	3.2	4.8#



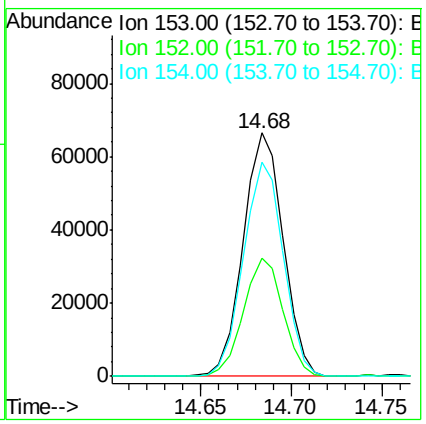


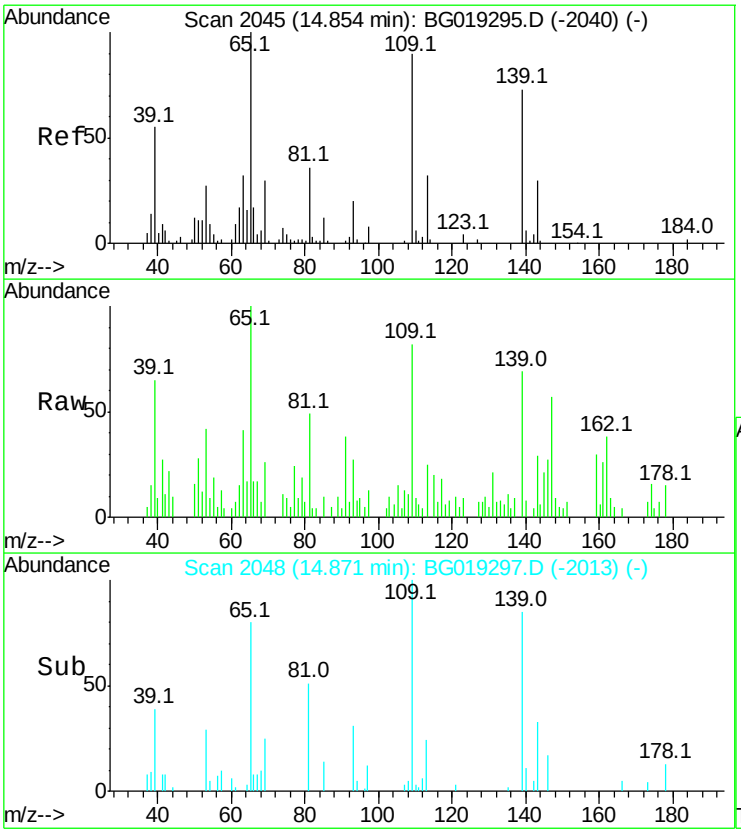
#50
Acenaphthene
Concen: 26.73 ng/ul
RT: 14.68 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:153 Resp: 101788

Ion	Ratio	Lower	Upper
153	100		
152	48.8	36.2	54.2
154	87.8	67.5	101.3

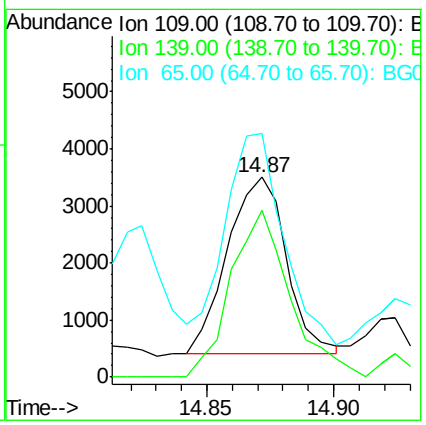


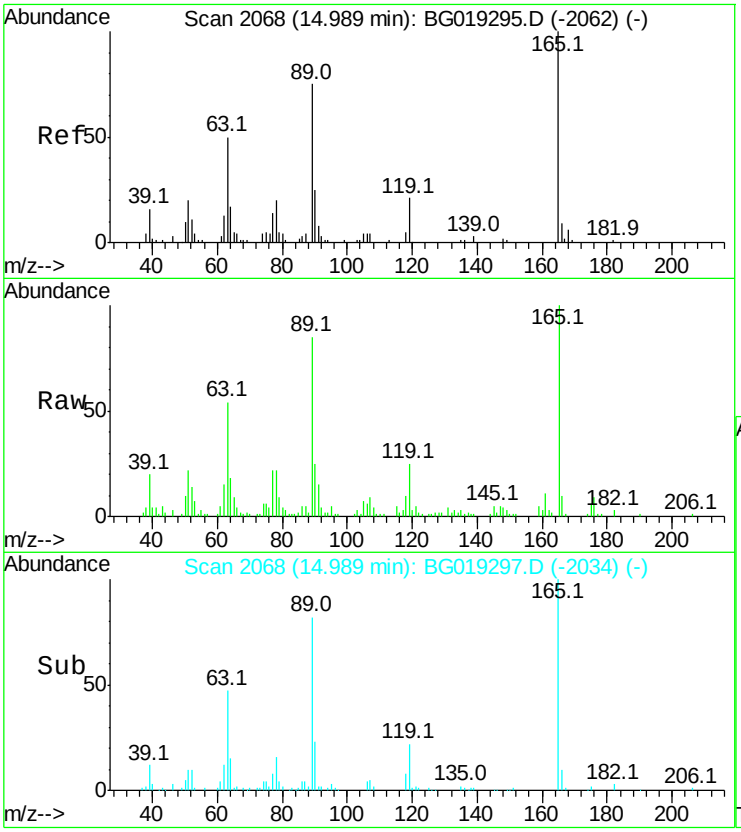


#53
4-Nitrophenol
Concen: 5.34 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Tgt Ion:109 Resp: 5008

Ion	Ratio	Lower	Upper
109	100		
139	83.7	97.9	146.9#
65	122.0	117.4	176.0



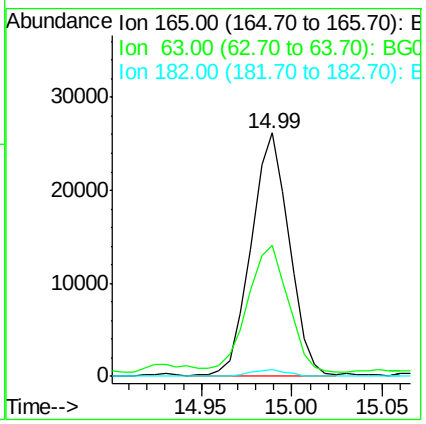


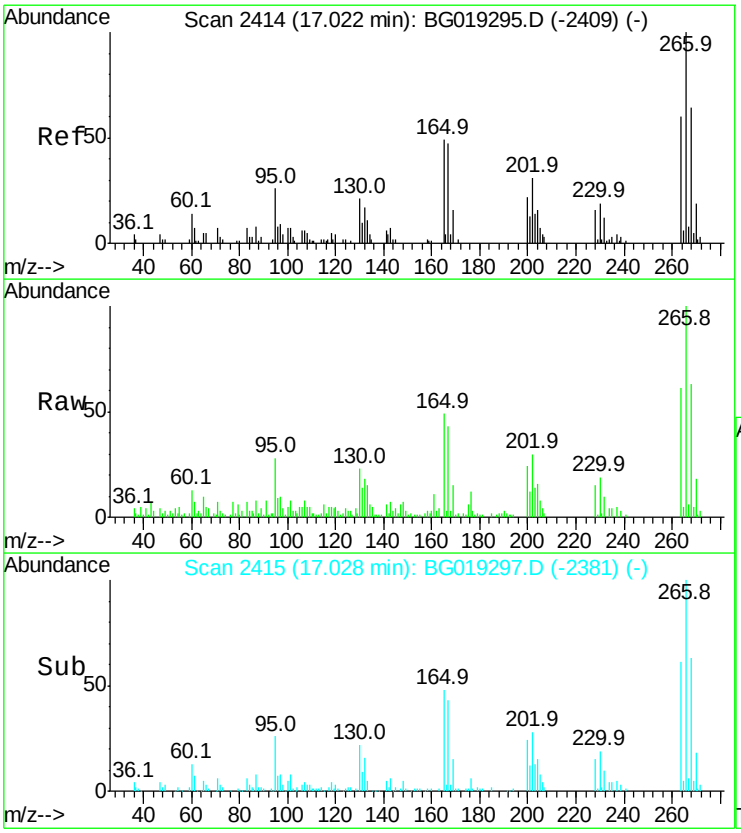
#55
2,4-Dinitrotoluene
Concen: 25.77 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:165 Resp: 38317

Ion	Ratio	Lower	Upper
165	100		
63	53.9	39.5	59.3
182	2.7	2.2	3.2

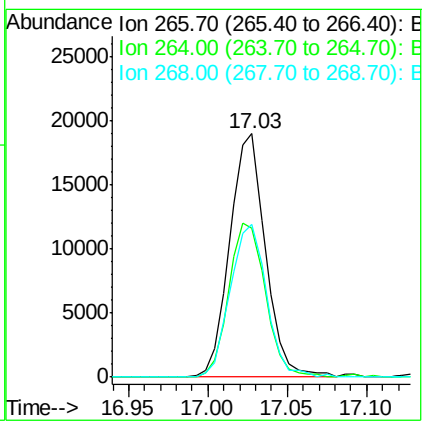


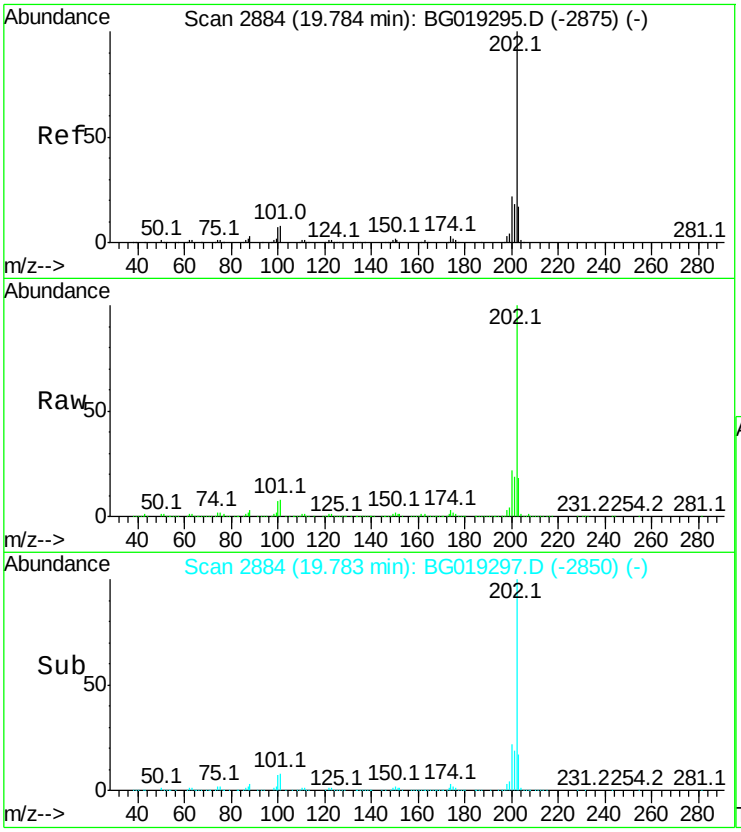


#69
Pentachlorophenol
Concen: 35.90 ng/ul
RT: 17.03 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Tgt Ion:266 Resp: 29622

Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.0	73.6
268	62.8	55.6	83.4





#80
Pyrene
Concen: 29.70 ng/ul
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG019297.D
Acq: 22 Oct 2015 1:47

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:202 Resp: 248236

Ion	Ratio	Lower	Upper
202	100		
101	8.1	10.2	15.2#
100	6.8	8.5	12.7#