Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019335.D
Acq On : 24 Oct 2015 14:14
Operator : UM/NP
Sample : G4057-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ0MS

Quant Time: Oct 25 02:40:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 02:37:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	47602	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	195622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	159535	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	444777	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	559692	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	529436	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	2229	2.60	ng/uL	0.00
5) Phenol-d5	7.37	99	28912	6.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	78676	31.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	67129	24.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	54791	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	44513	29.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	52649	31.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	110398	29.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	4581	1.25	ng/ul	0.02
44) Dimethylphthalate-d6	14.26	166	401432	30.35	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	450058	30.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	16017	7.45	ng/ul	0.02
58) Fluorene-d10	15.85	176	392946	31.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	95382	32.58	ng/ul	0.00
71) Anthracene-d10	17.70	188	624991	30.69	ng/ul	0.00
79) Pyrene-d10	19.97	212	749472	30.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	839897	31.10	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.40	94	31781	7.22	ng/ul	94
10) 2-Chlorophenol	7.80	128	69569	25.31	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.04	70	109758	32.55	ng/ul#	89
24) 2,4-Dimethylphenol	10.22	107	407945	85.32	ng/ul	95
27) 2,4-Dichlorophenol	10.70	162	4675	1.30	ng/ul#	84
28) Naphthalene	11.12	128	19707	2.02	ng/ul	97
33) 4-Chloro-3-methylphenol	12.32	107	133796	28.82	ng/ul	96
35) 1-Methylnaphthalene	12.92	142	10167	1.35	ng/ul#	72
50) Acenaphthene	14.92	153	286979	28.92	ng/ul	98
53) 4-Nitrophenol	15.05	109	22622	6.38	ng/ul	86
55) 2,4-Dinitrotoluene	15.21	165	125797	30.79	ng/ul#	89
69) Pentachlorophenol	17.24	266	128970	31.68	ng/ul	97
80) Pyrene	20.00	202	895458	28.54	ng/ul#	94

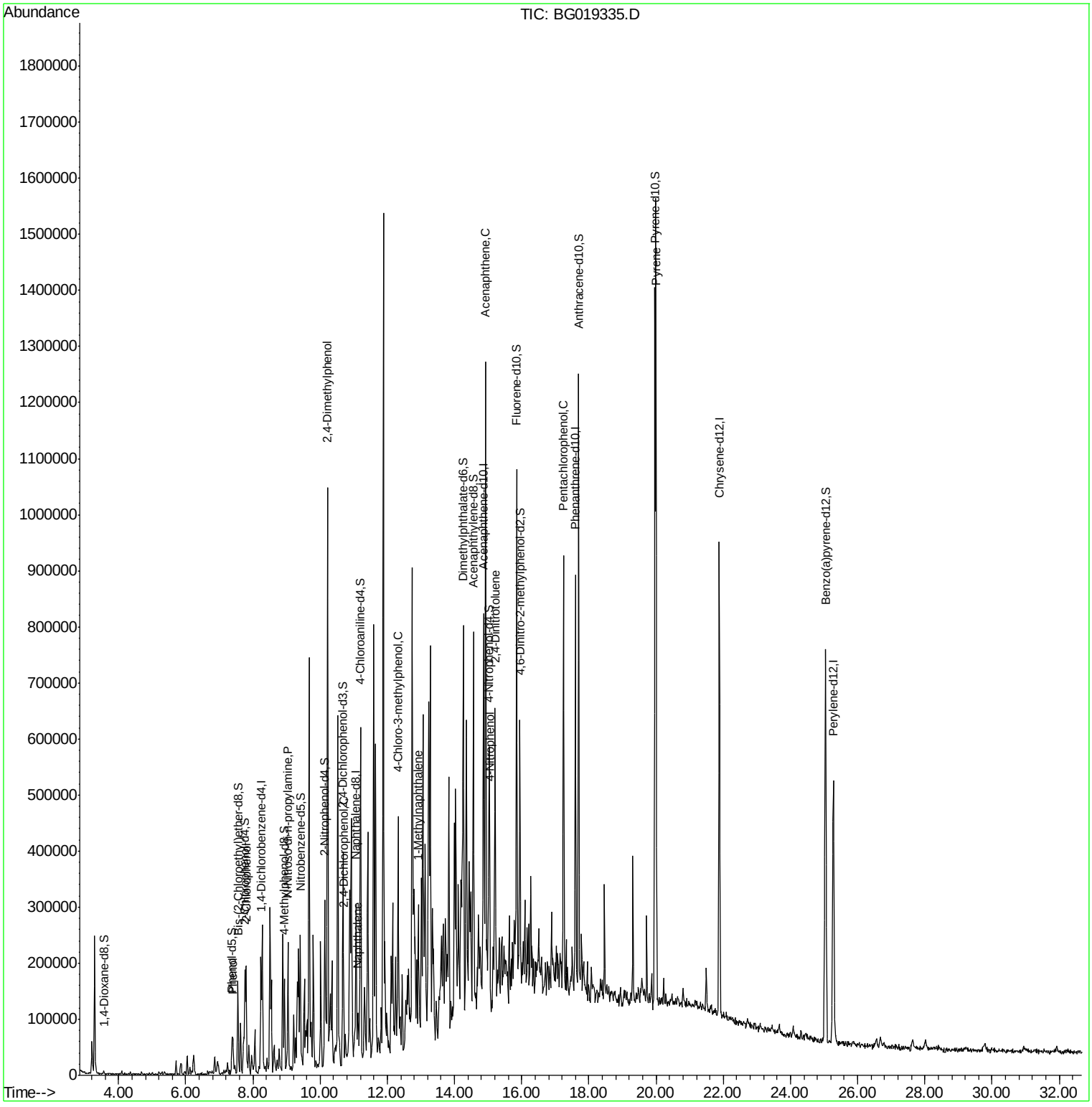
(#) = qualifier out of range (m) = manual integration (+) = signals summed

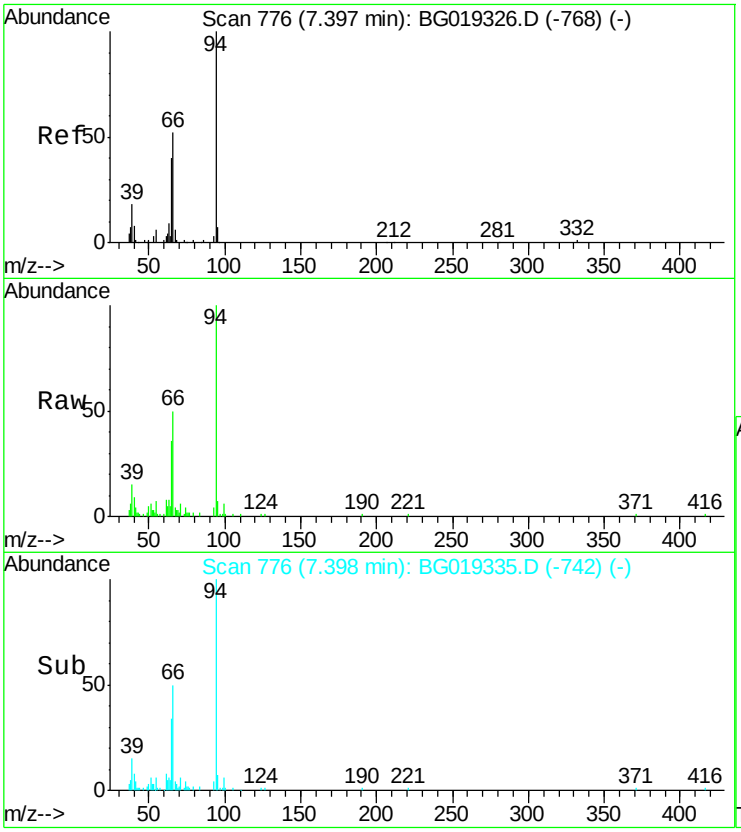
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019335.D
Acq On : 24 Oct 2015 14:14
Operator : UM/NP
Sample : G4057-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LQ0MS

Quant Time: Oct 25 02:40:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 02:37:52 2015
Response via : Initial Calibration



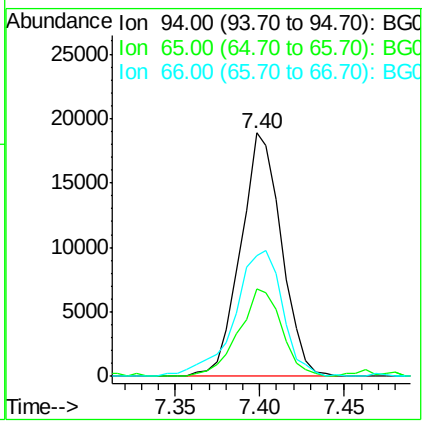


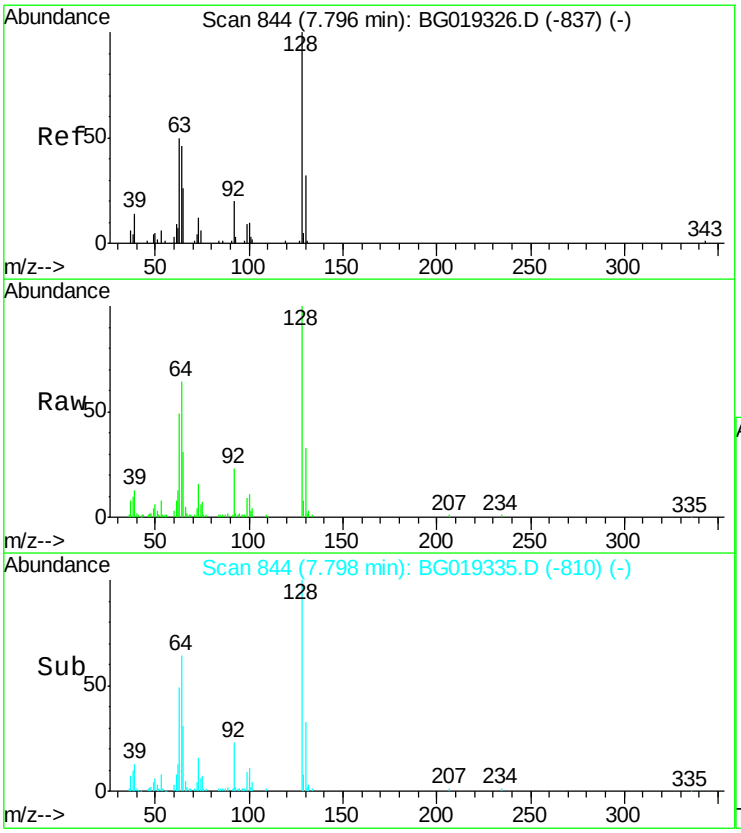
#6
Phenol
Concen: 7.22 ng/ul
RT: 7.40 min Scan# 776
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion: 94 Resp: 31781

Ion	Ratio	Lower	Upper
94	100		
65	36.2	29.3	43.9
66	49.7	45.0	67.6

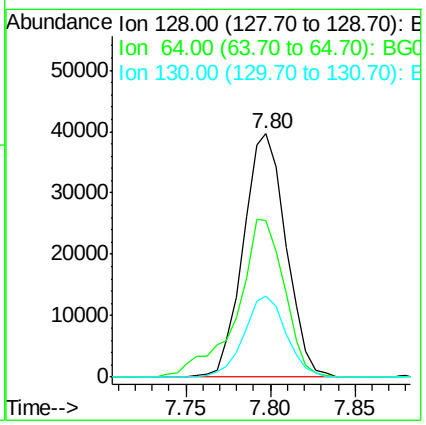


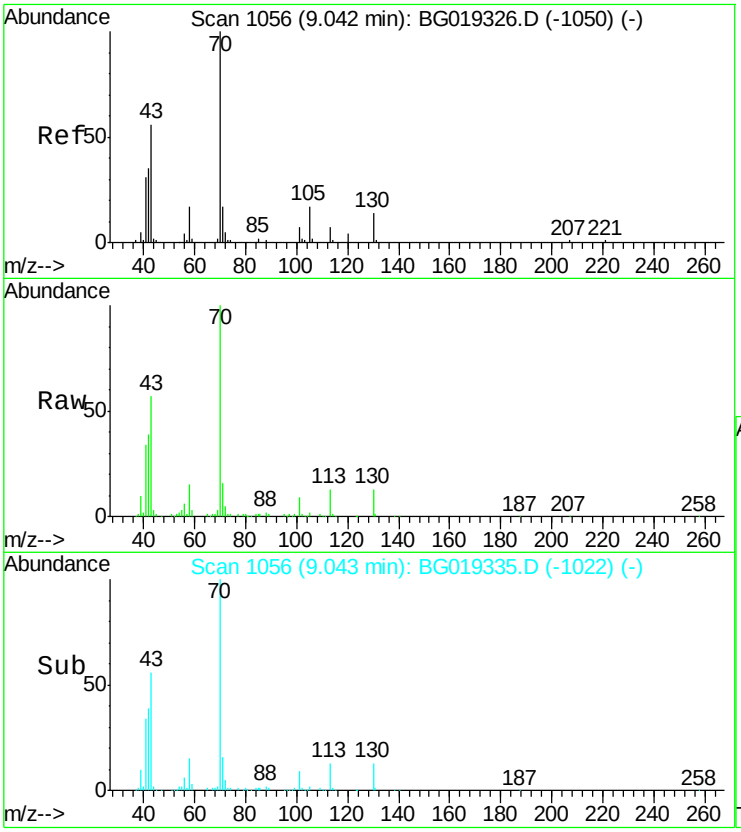


#10
2-Chlorophenol
Concen: 25.31 ng/ul
RT: 7.80 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion:128 Resp: 69569

Ion	Ratio	Lower	Upper
128	100		
64	64.2	53.2	79.8
130	33.3	25.9	38.9



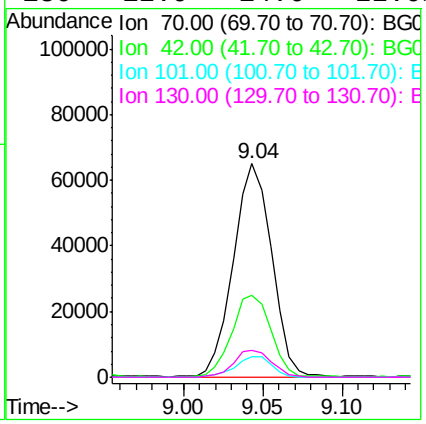


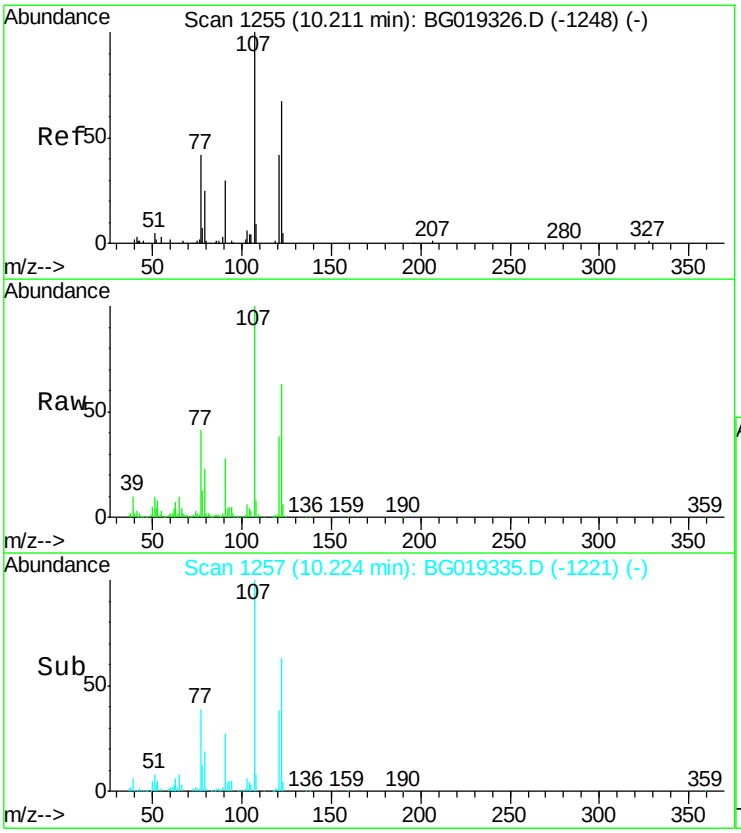
#15
N-Nitroso-di-n-propylamine
Concen: 32.55 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion: 70 Resp: 109758

Ion	Ratio	Lower	Upper
70	100		
42	38.7	36.6	55.0
101	9.4	5.8	8.8#
130	12.9	14.6	22.0#

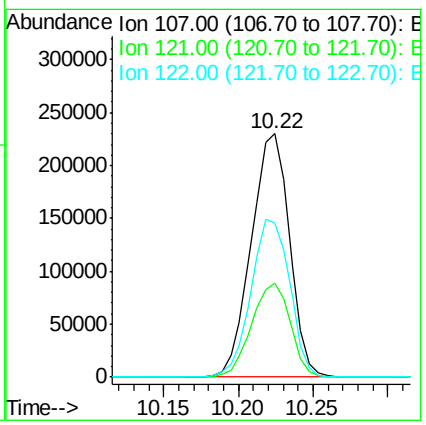


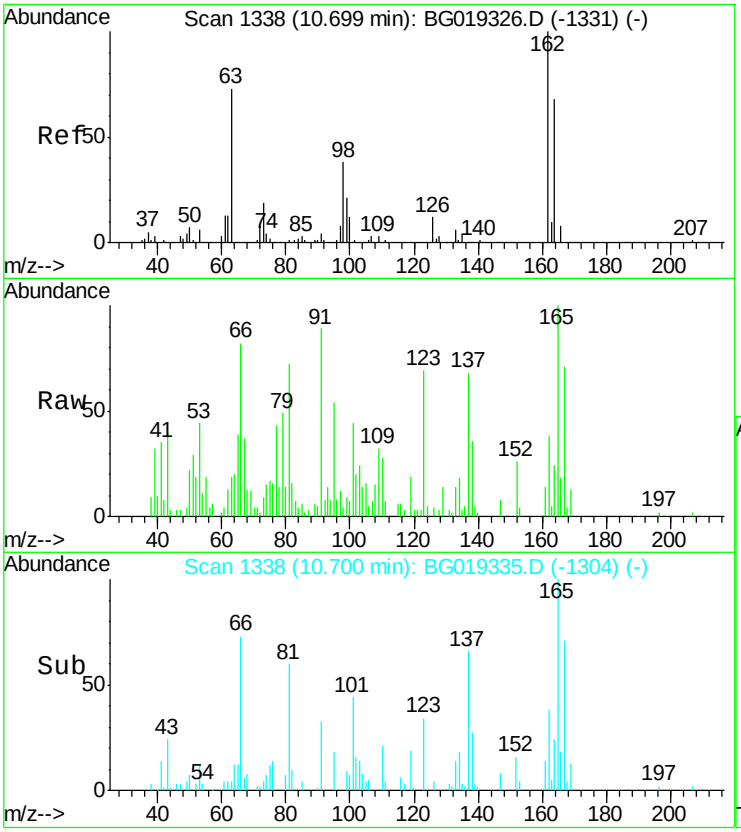


#24
2,4-Dimethylphenol
Concen: 85.32 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion:107 Resp: 407945

Ion	Ratio	Lower	Upper
107	100		
121	38.4	33.0	49.4
122	63.1	54.2	81.2



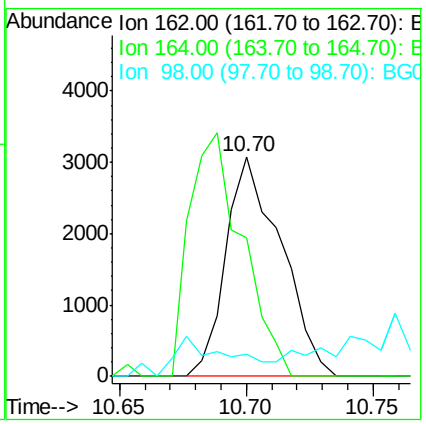


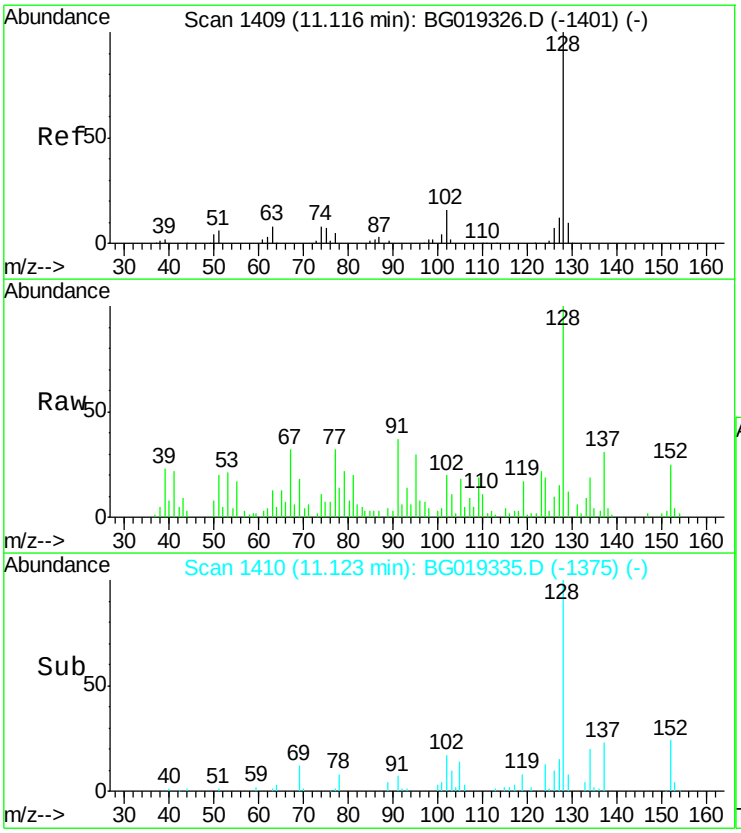
#27
2,4-Dichlorophenol
Concen: 1.30 ng/ul
RT: 10.70 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:162 Resp: 4675

Ion	Ratio	Lower	Upper
162	100		
164	63.1	52.1	78.1
98	10.1	26.9	40.3#

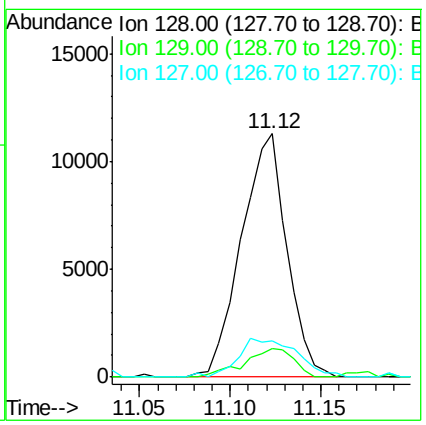


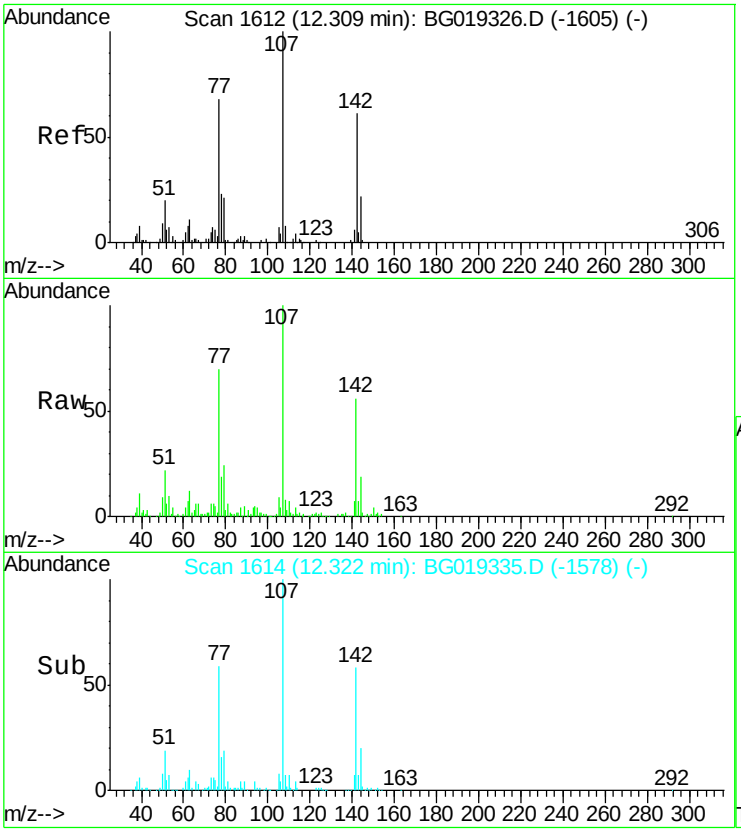


#28
Naphthalene
Concen: 2.02 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion:128 Resp: 19707

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.9	13.3
127	14.9	13.1	19.7



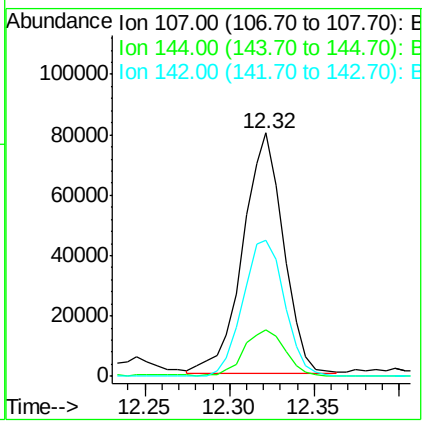


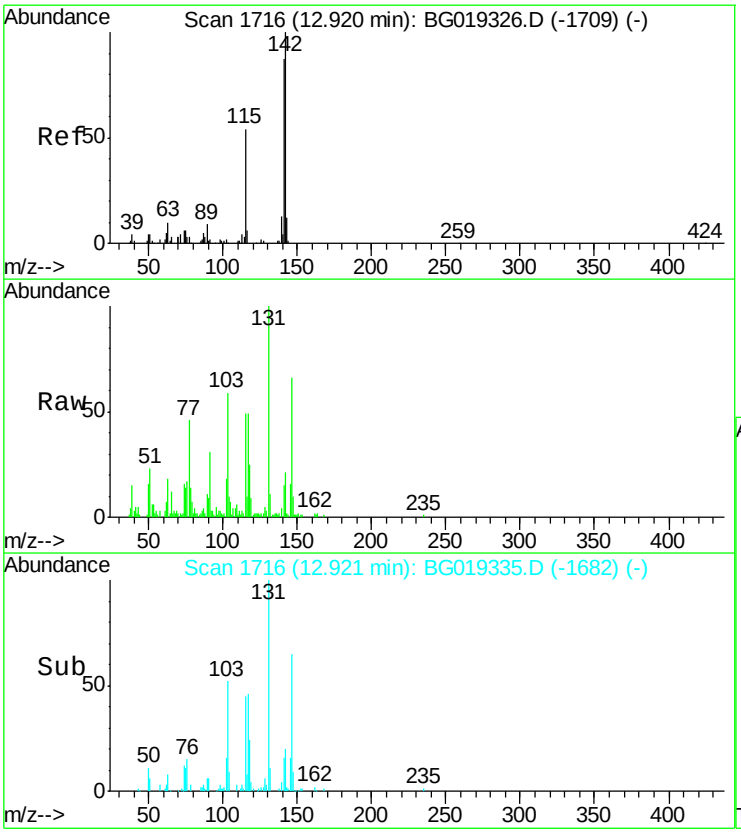
#33
4-Chloro-3-methylphenol
Concen: 28.82 ng/ul
RT: 12.32 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:107 Resp: 133796

Ion	Ratio	Lower	Upper
107	100		
144	19.2	13.0	19.6
142	56.0	47.0	70.6

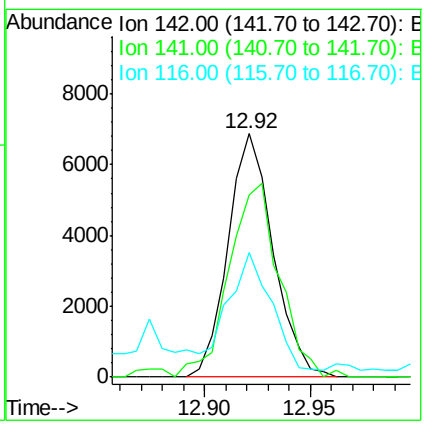


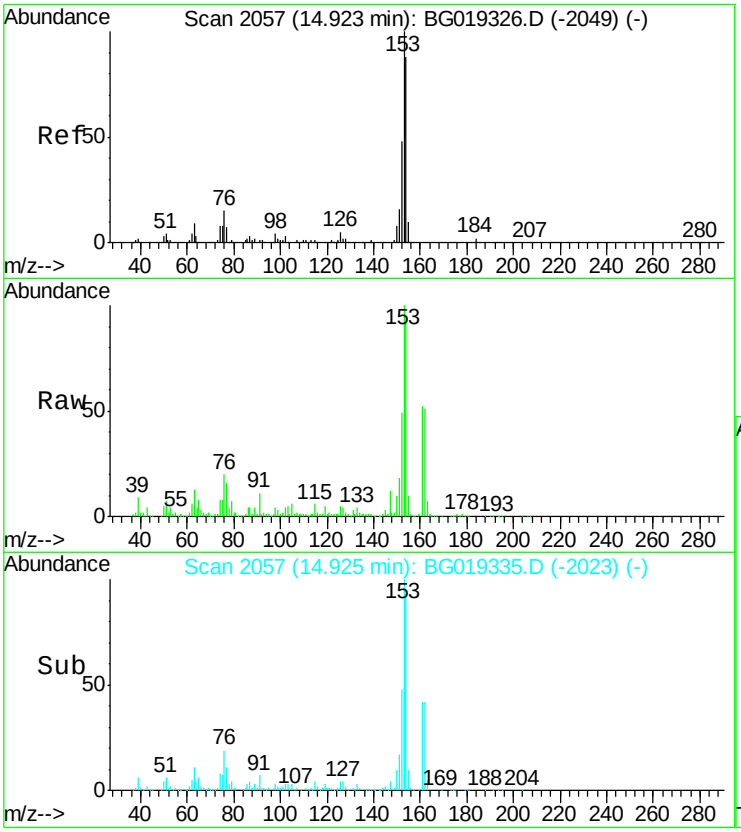


#35
1-Methylnaphthalene
Concen: 1.35 ng/ul
RT: 12.92 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion:142 Resp: 10167

Ion	Ratio	Lower	Upper
142	100		
141	74.7	76.5	114.7#
116	50.9	5.4	8.0#



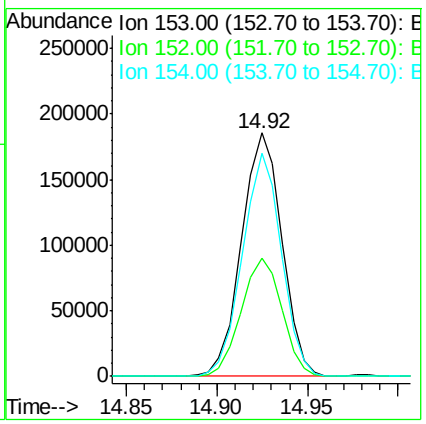


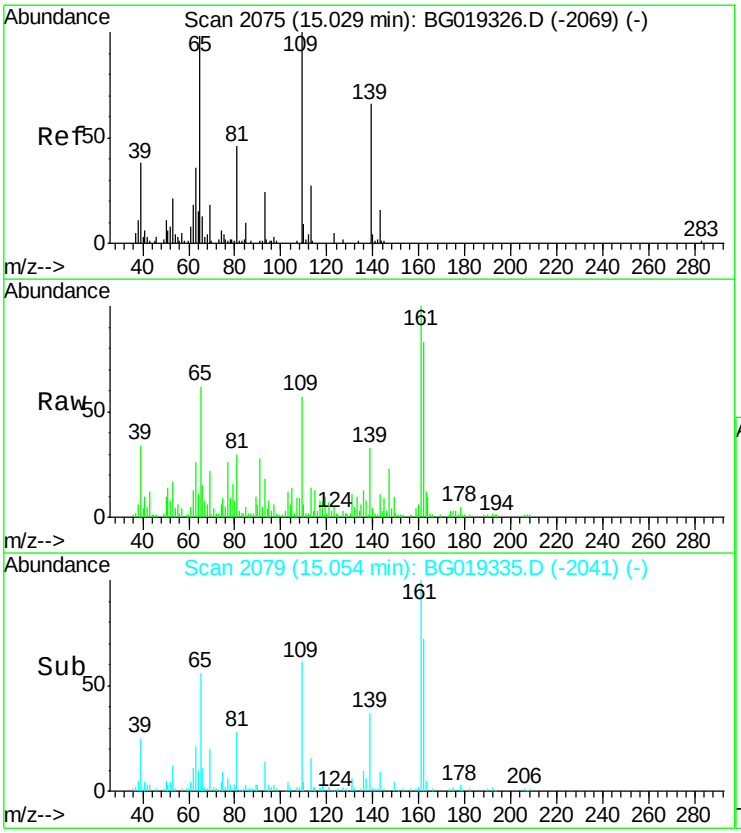
#50
Acenaphthene
Concen: 28.92 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:153 Resp: 286979

Ion	Ratio	Lower	Upper
153	100		
152	48.6	38.8	58.2
154	91.9	71.5	107.3

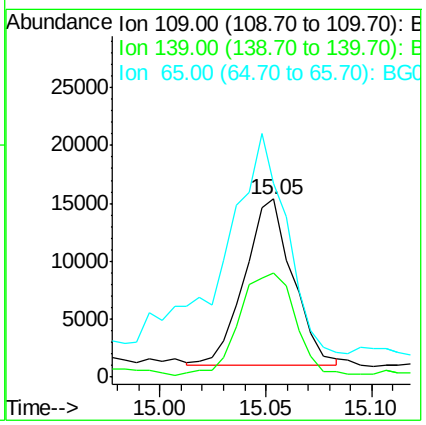


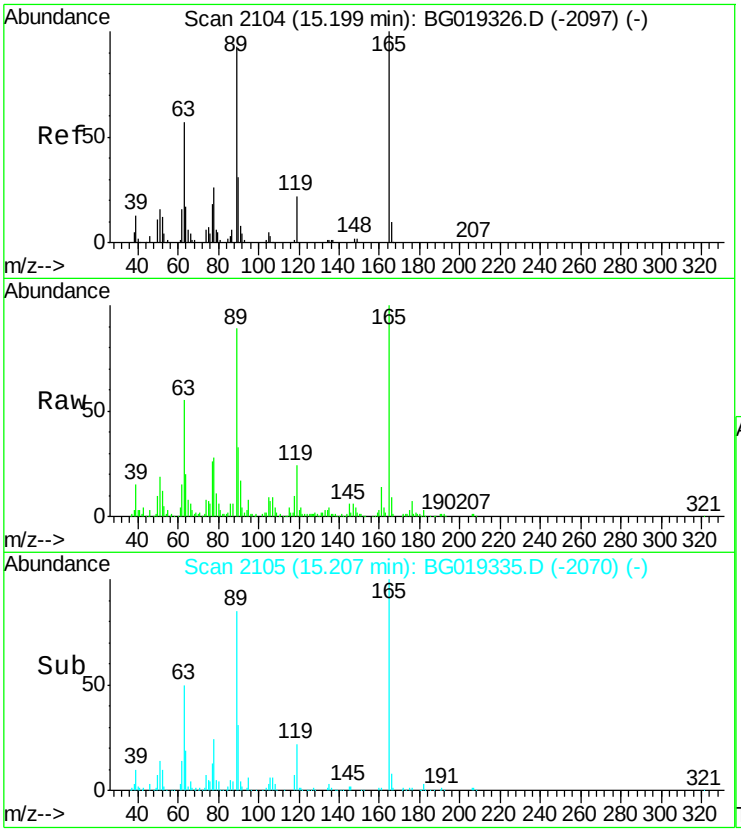


#53
4-Nitrophenol
Concen: 6.38 ng/ul
RT: 15.05 min Scan# 2079
Delta R.T. 0.02 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion:109 Resp: 22622

Ion	Ratio	Lower	Upper
109	100		
139	58.3	41.5	62.3
65	108.8	73.7	110.5



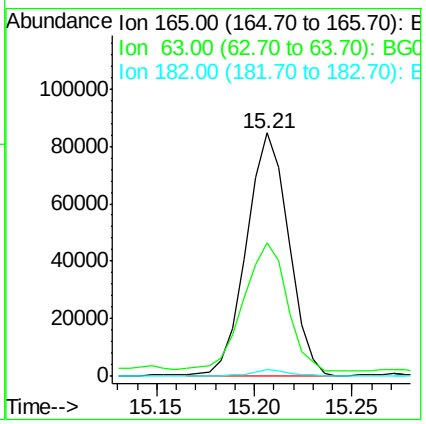


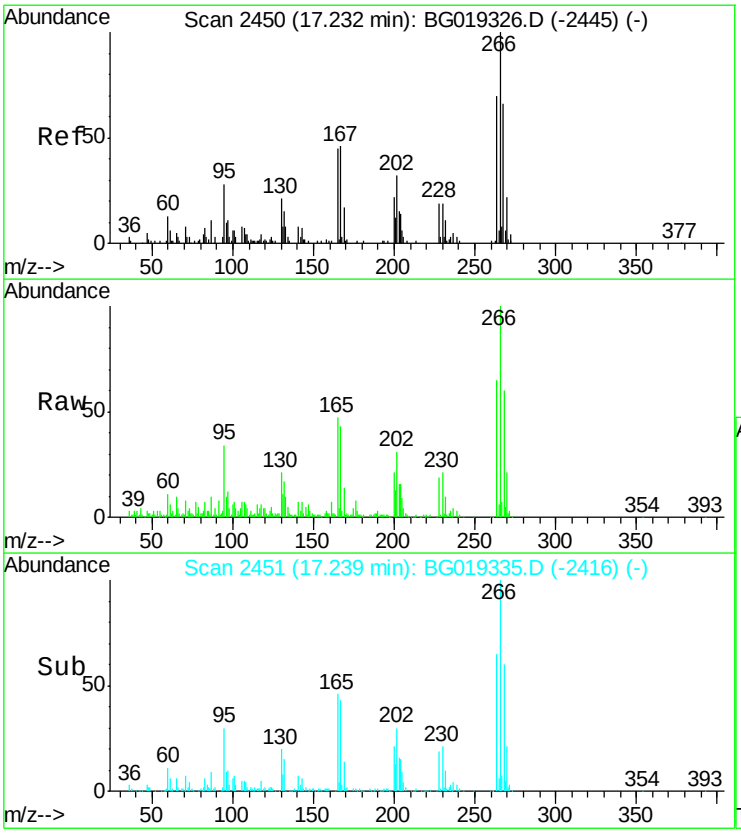
#55
2,4-Dinitrotoluene
Concen: 30.79 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:165 Resp: 125797

Ion	Ratio	Lower	Upper
165	100		
63	54.7	51.1	76.7
182	3.0	3.3	4.9#

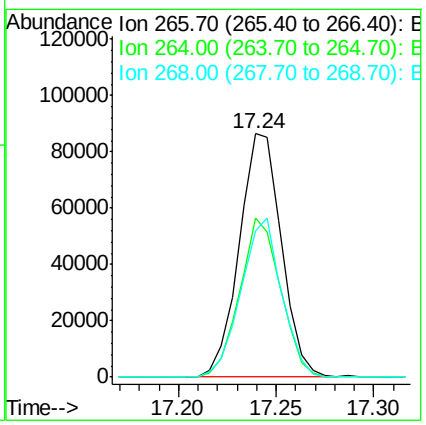


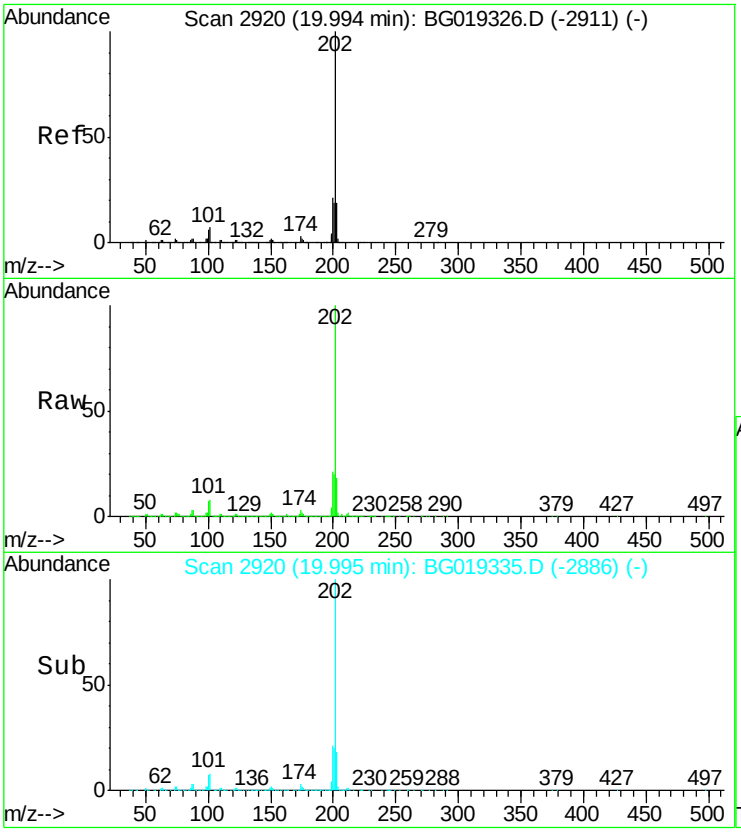


#69
Pentachlorophenol
Concen: 31.68 ng/ul
RT: 17.24 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion:266 Resp: 128970

Ion	Ratio	Lower	Upper
266	100		
264	65.2	49.5	74.3
268	59.9	48.7	73.1





#80
Pyrene
Concen: 28.54 ng/ul
RT: 20.00 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

Tgt Ion:202 Resp: 895458

Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.3	6.5#
100	6.5	3.6	5.4#