Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060415\
Data File : BG017464.D
Acq On : 5 Jun 2015 6:33
Operator : TP/IZ
Sample : G2509-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFFWASTEWATER

Quant Time: Jun 05 15:07:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	21092	20.00	ng	0.02
21) Naphthalene-d8	10.44	136	83462	20.00	ng	0.01
38) Acenaphthene-d10	14.29	164	50356	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	102840	20.00	ng	0.00
75) Chrysene-d12	21.35	240	158345	20.00	ng	0.12
86) Perylene-d12	23.51	264	160329	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	60003	50.12	ng	0.01
7) Phenol-d6	6.89	99	4734	2.90	ng	0.05
23) Nitrobenzene-d5	8.83	82	183573	109.80	ng	0.04
41) 2,4,6-Tribromophenol	15.80	330	57731	82.54	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	366178	109.69	ng	0.00
78) Terphenyl-d14	19.83	244	159978	20.88	ng	0.14
Target Compounds						Qvalue
15) Benzyl Alcohol	7.85	79	15722	10.35	ng	# 37
19) n-Nitroso-di-n-propylamine	8.42	70	46774	33.90	ng	# 54
35) Caprolactam	11.42	113	1780	2.54	ng	# 38
52) 3-Nitroaniline	14.27	138	2712	2.54	ng	# 3
53) 2,4-Dinitrophenol	14.42	184	60	7.11	ng	# 11
73) Di-n-butylphthalate	18.05	149	73089	10.09	ng	# 74
76) Benzidine	19.26	184	38996	7.17	ng	# 1
79) Butylbenzylphthalate	20.50	149	20265	4.80	ng	# 28

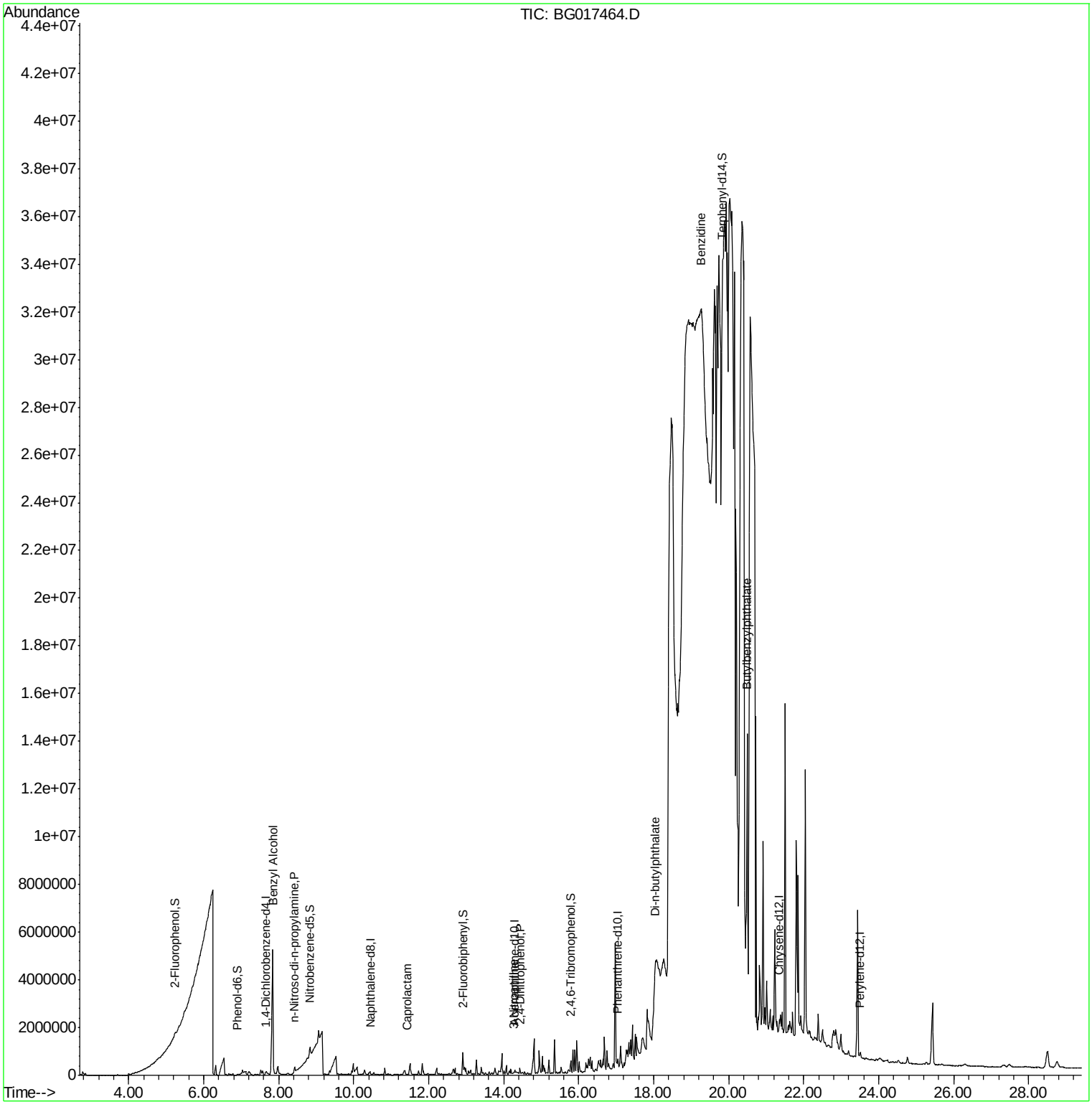
(#) = qualifier out of range (m) = manual integration (+) = signals summed

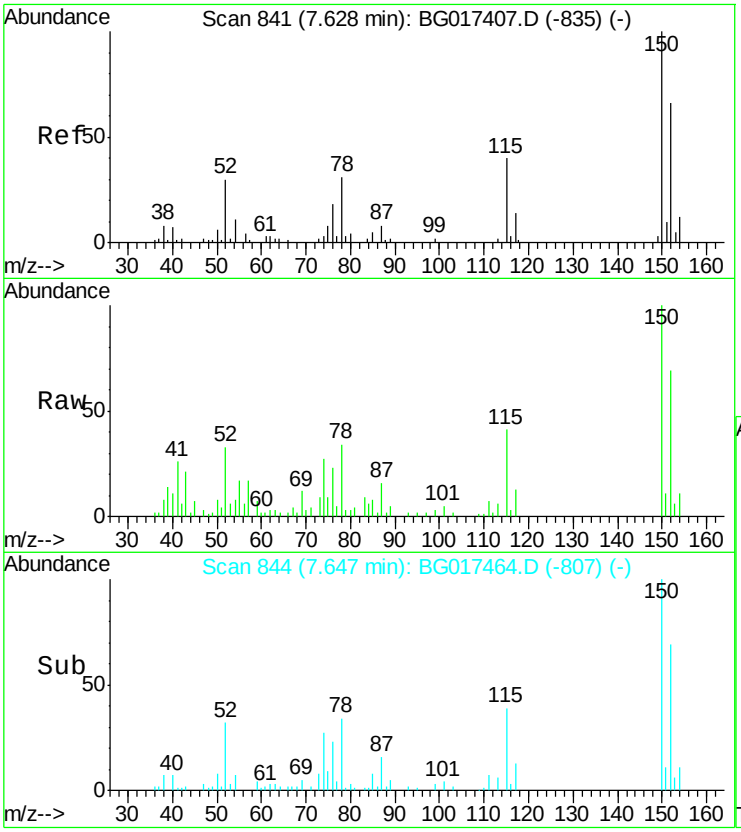
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060415\
Data File : BG017464.D
Acq On : 5 Jun 2015 6:33
Operator : TP/IZ
Sample : G2509-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Quant Time: Jun 05 15:07:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration



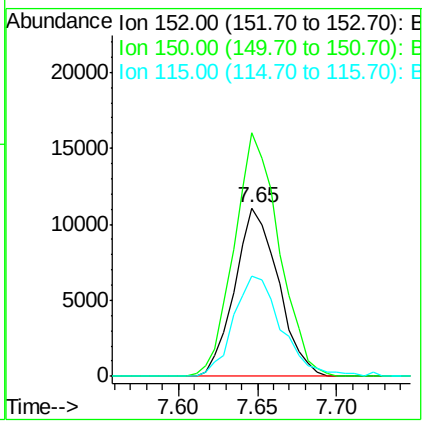


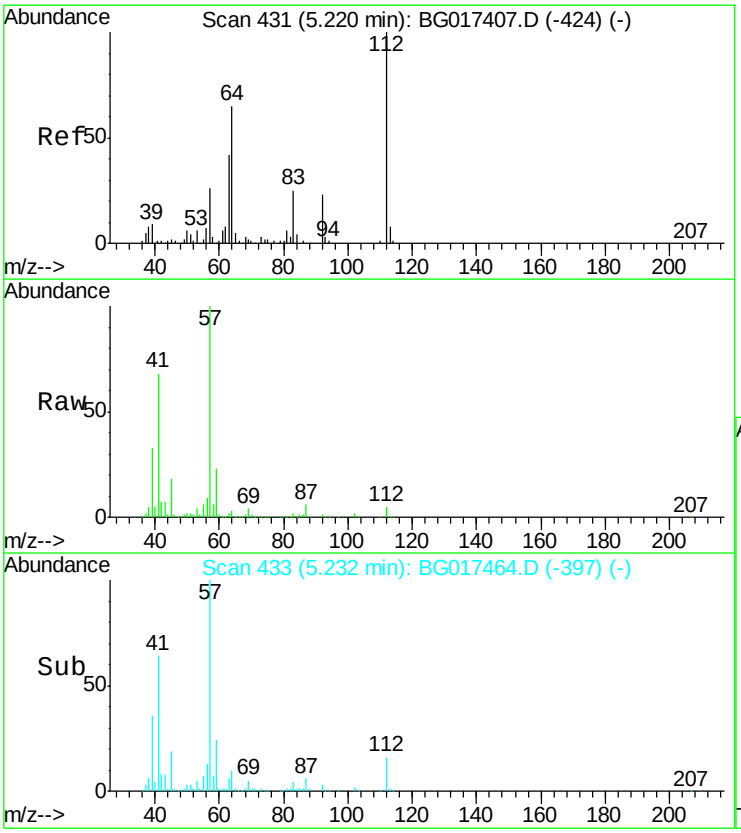
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 844
Delta R.T. 0.02 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion:152 Resp: 21092

Ion	Ratio	Lower	Upper
152	100		
150	144.8	121.7	182.5
115	59.4	48.6	73.0

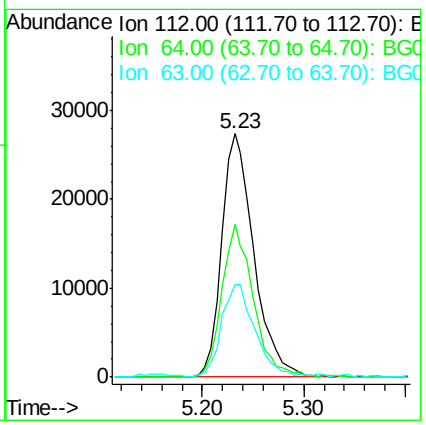


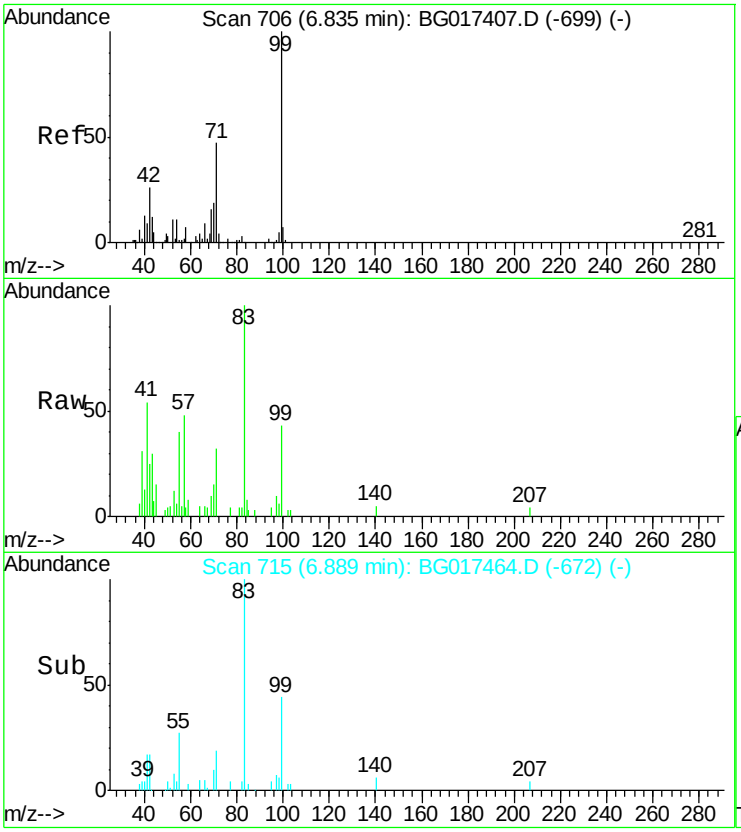


#5
2-Fluorophenol
Concen: 50.12 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:112 Resp: 60003

Ion	Ratio	Lower	Upper
112	100		
64	62.8	51.6	77.4
63	37.8	33.3	49.9



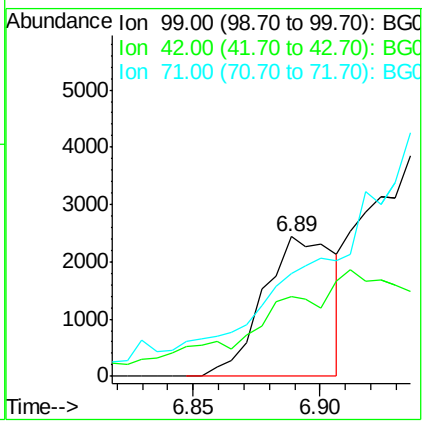


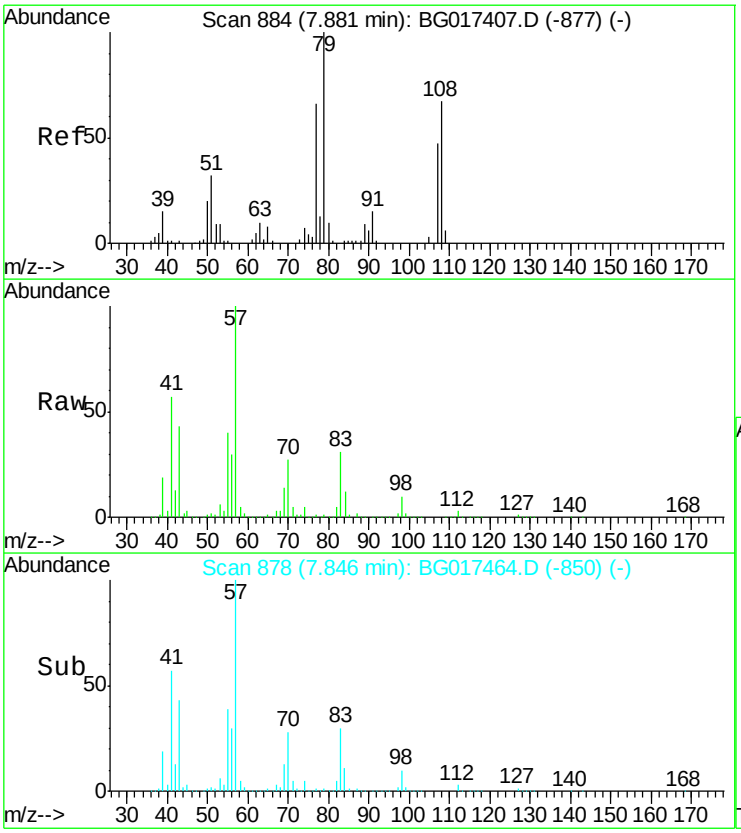
#7
Phenol-d6
Concen: 2.90 ng
RT: 6.89 min Scan# 715
Delta R.T. 0.05 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion: 99 Resp: 4734

Ion	Ratio	Lower	Upper
99	100		
42	57.3	21.0	31.6#
71	73.6	37.2	55.8#

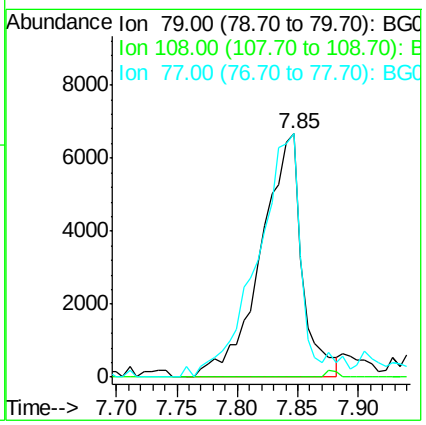


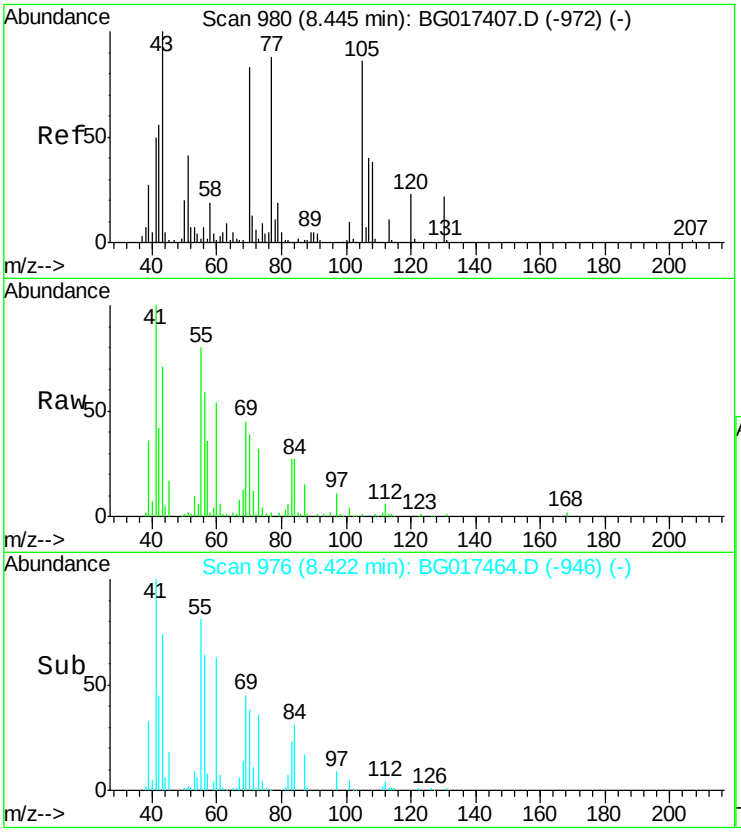


#15
Benzyl Alcohol
Concen: 10.35 ng
RT: 7.85 min Scan# 878
Delta R.T. -0.03 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion: 79 Resp: 15722

Ion	Ratio	Lower	Upper
79	100		
108	0.0	53.7	80.5#
77	100.0	53.0	79.4#



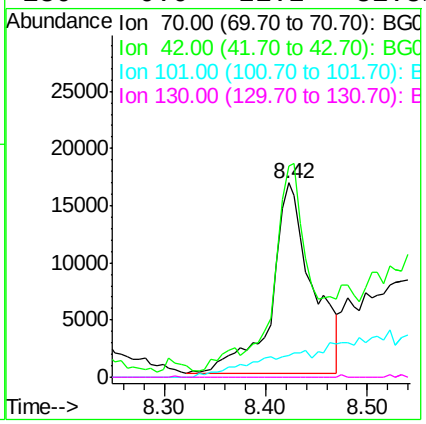


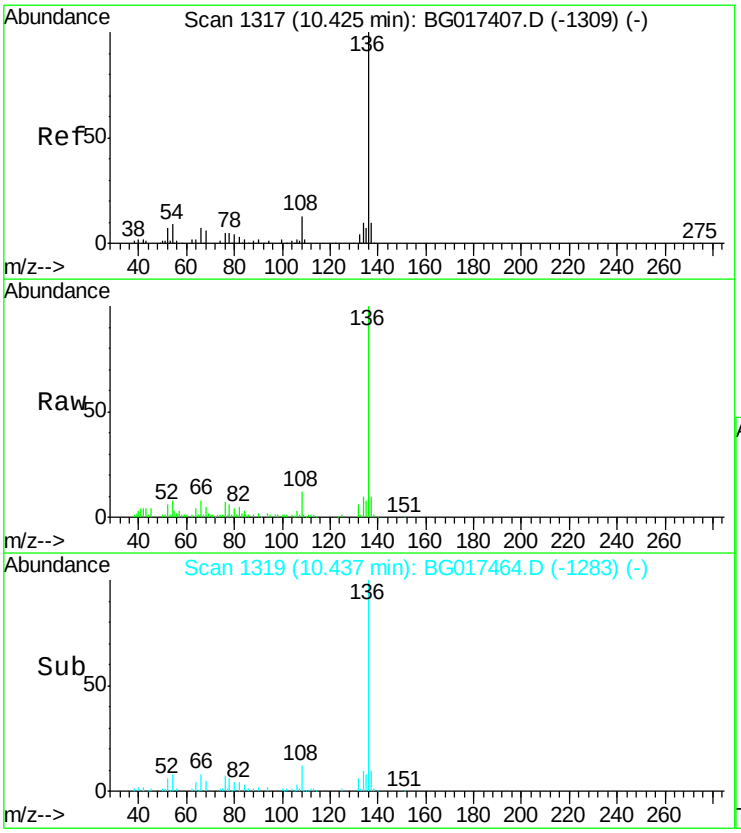
#19
n-Nitroso-di-n-propylamine
Concen: 33.90 ng
RT: 8.42 min Scan# 976
Delta R.T. -0.02 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion: 70 Resp: 46774

Ion	Ratio	Lower	Upper
70	100		
42	108.7	53.8	80.8#
101	11.2	9.5	14.3
130	0.0	21.2	31.8#

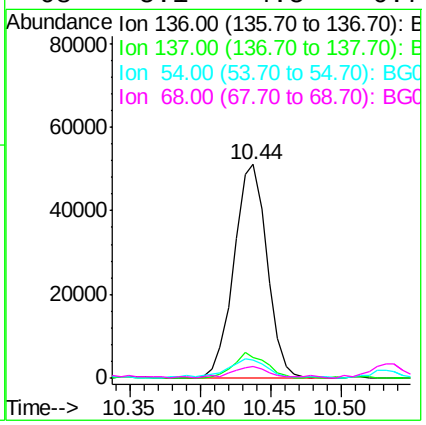


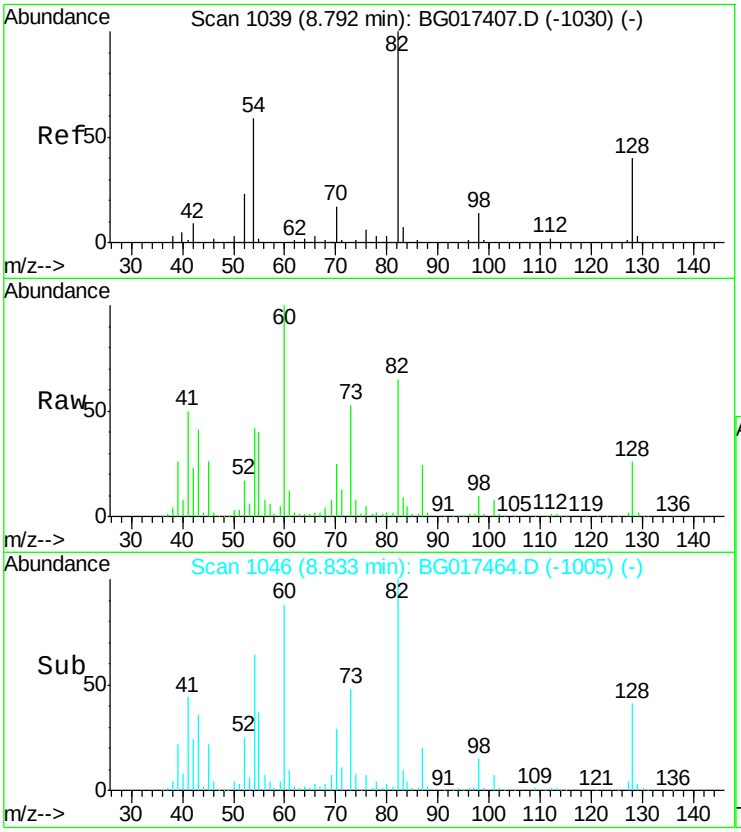


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:136 Resp: 83462

Ion	Ratio	Lower	Upper
136	100		
137	9.9	7.9	11.9
54	8.5	7.2	10.8
68	5.1	4.5	6.7



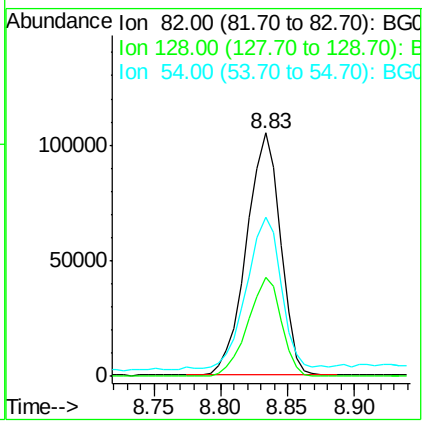


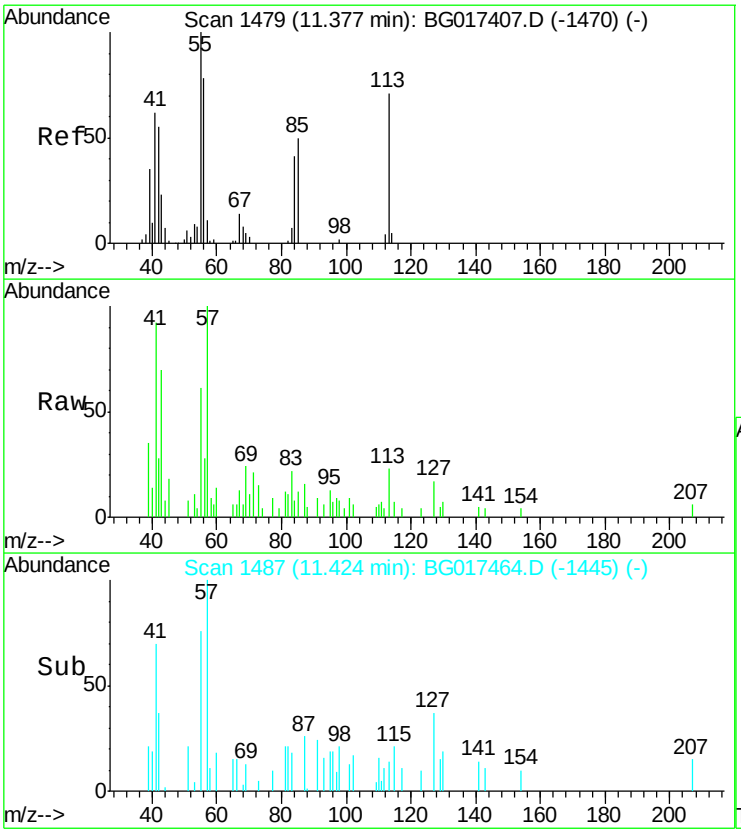
#23
Nitrobenzene-d5
Concen: 109.80 ng
RT: 8.83 min Scan# 1046
Delta R.T. 0.04 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion: 82 Resp: 183573

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.2	48.4
54	65.3	47.4	71.2

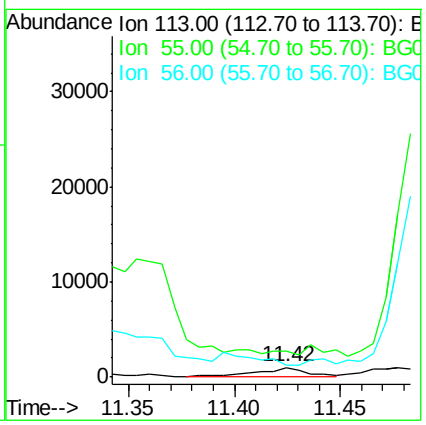


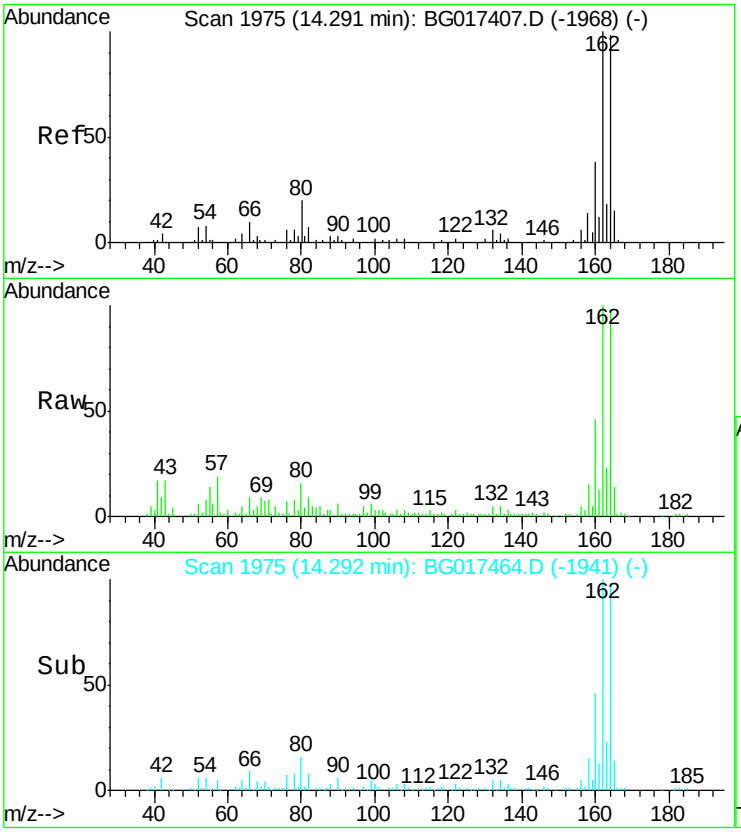


#35
Caprolactam
Concen: 2.54 ng
RT: 11.42 min Scan# 1487
Delta R.T. 0.05 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:113 Resp: 1780

Ion	Ratio	Lower	Upper
113	100		
55	266.1	121.6	161.6#
56	121.0	89.8	129.8



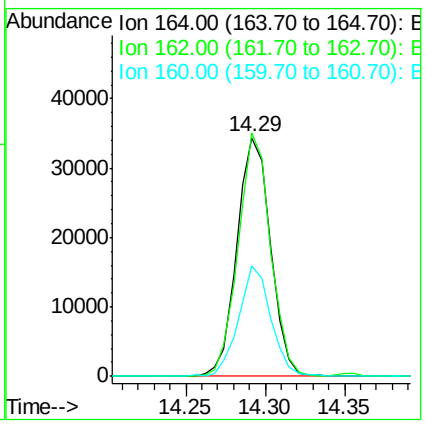


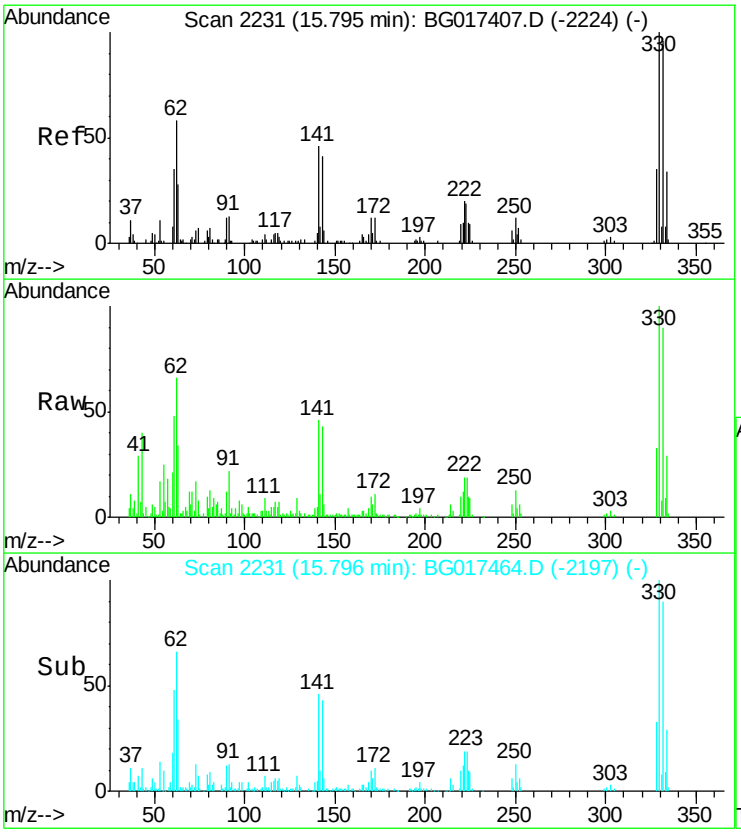
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion:164 Resp: 50356

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	46.5	31.0	46.4#

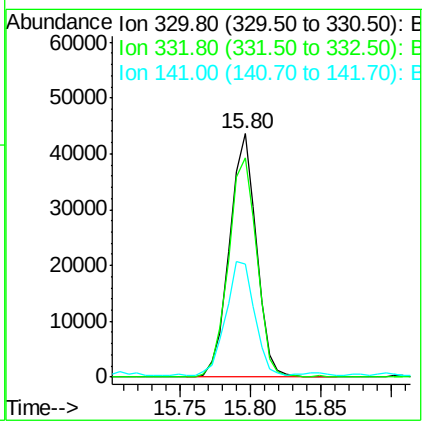


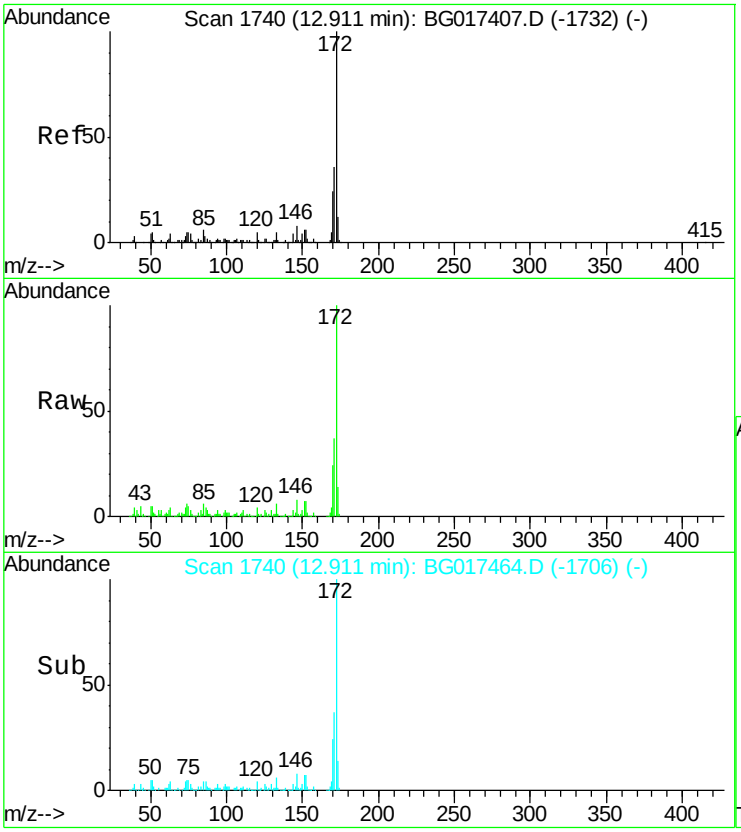


#41
2,4,6-Tribromophenol
Concen: 82.54 ng
RT: 15.80 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:330 Resp: 57731

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.9	113.9
141	50.8	40.2	60.4



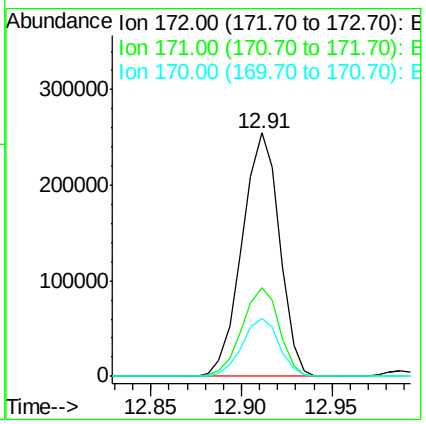


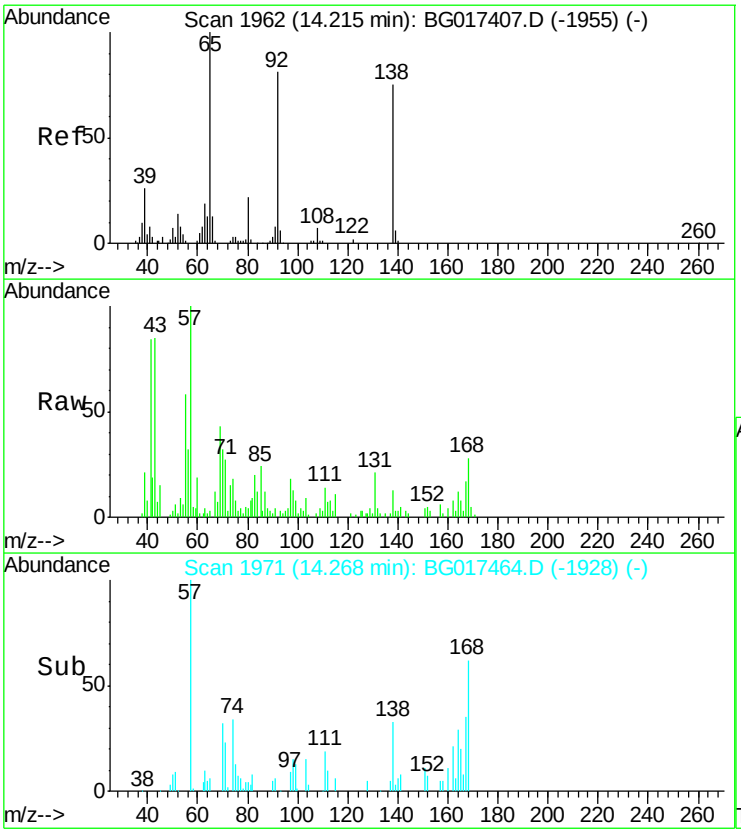
#44
2-Fluorobiphenyl
Concen: 109.69 ng
RT: 12.91 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion:172 Resp: 366178

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	23.7	18.9	28.3

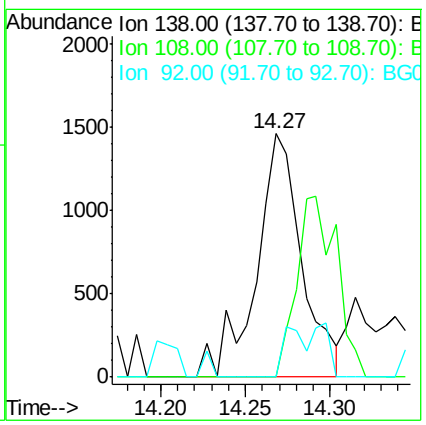


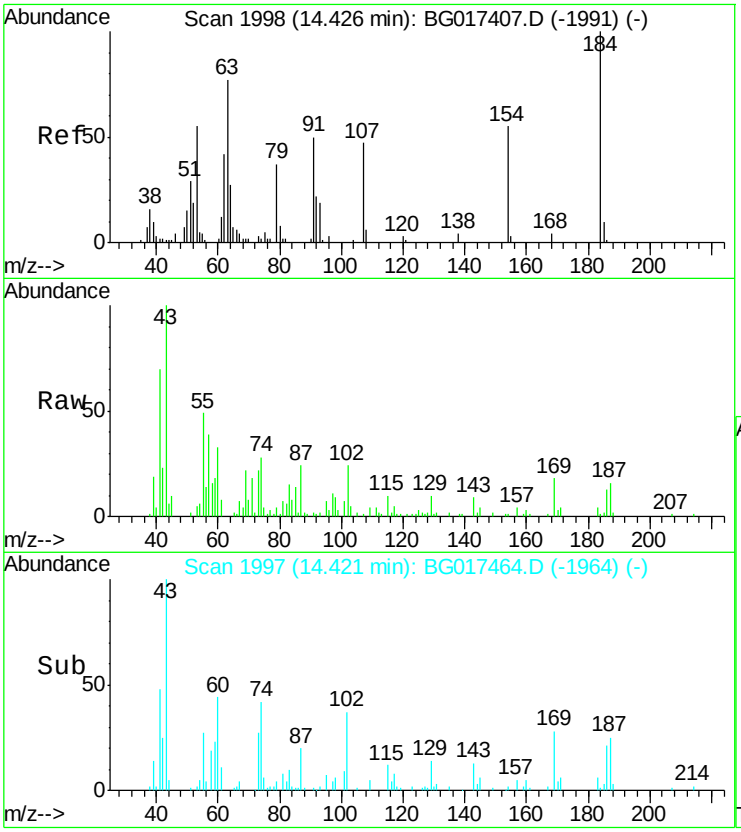


#52
3-Nitroaniline
Concen: 2.54 ng
RT: 14.27 min Scan# 1971
Delta R.T. 0.05 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:138 Resp: 2712

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.5	11.3#
92	0.0	87.0	130.4#



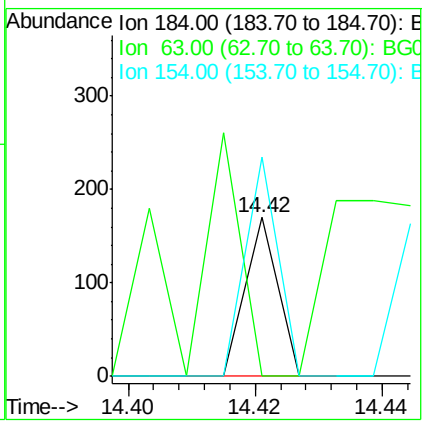


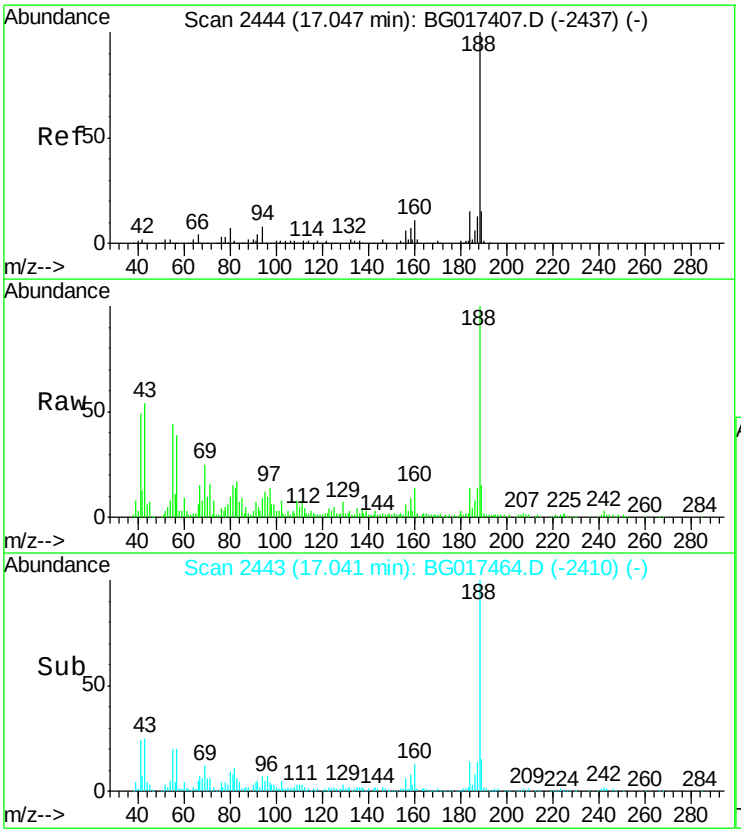
#53
2,4-Dinitrophenol
Concen: 7.11 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion:184 Resp: 60

Ion	Ratio	Lower	Upper
184	100		
63	0.0	61.5	92.3#
154	138.2	53.8	80.8#

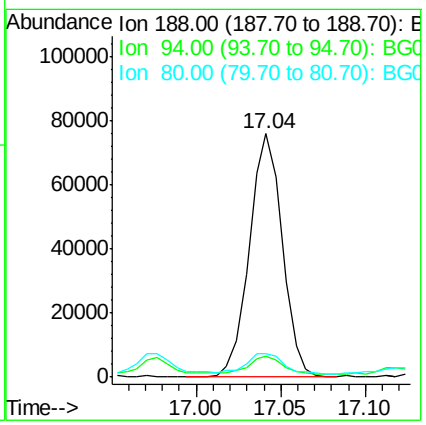


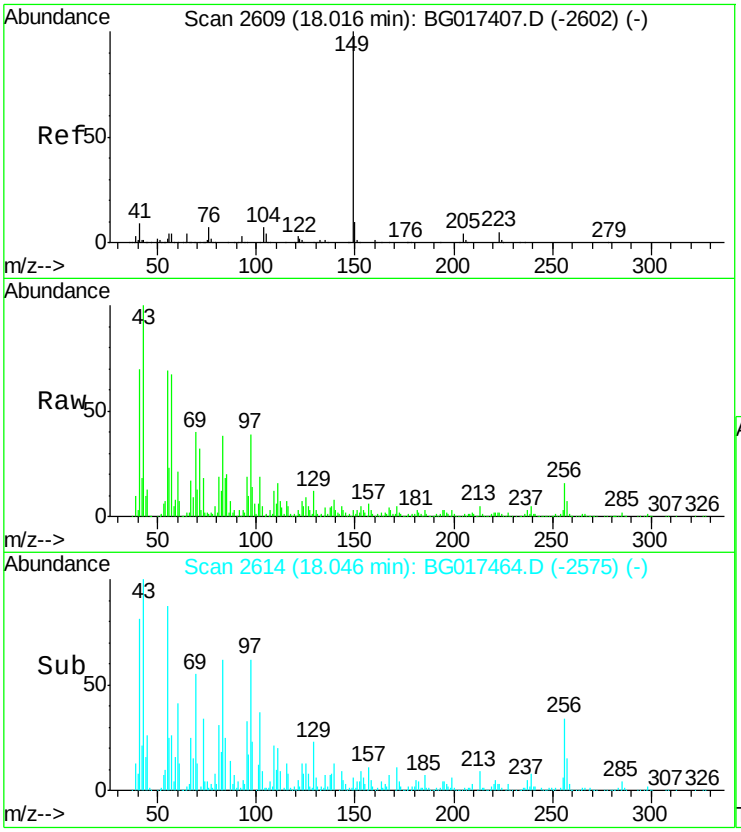


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:188 Resp: 102840

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.3	9.5
80	9.5	5.2	7.8#



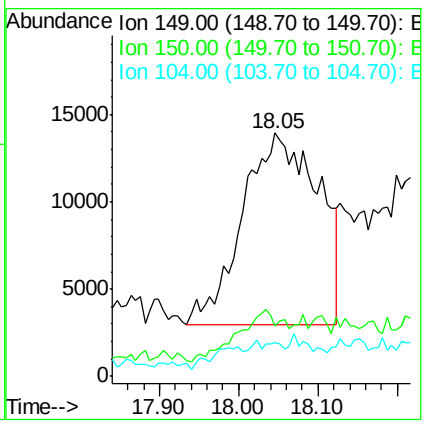


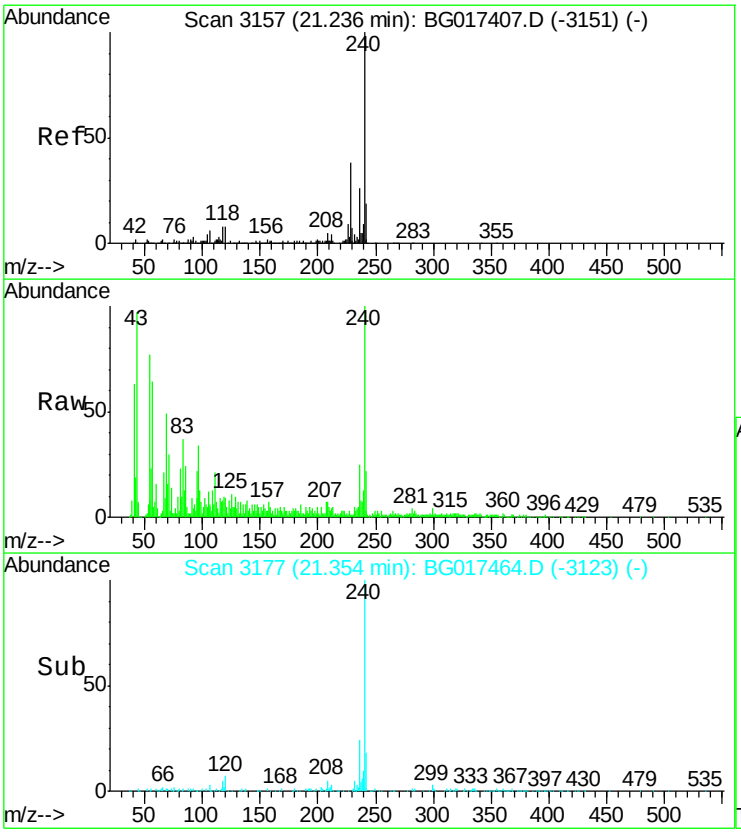
#73
Di-n-butylphthalate
Concen: 10.09 ng
RT: 18.05 min Scan# 2614
Delta R.T. 0.03 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion:149 Resp: 73089

Ion	Ratio	Lower	Upper
149	100		
150	20.5	7.6	11.4#
104	13.9	5.4	8.2#

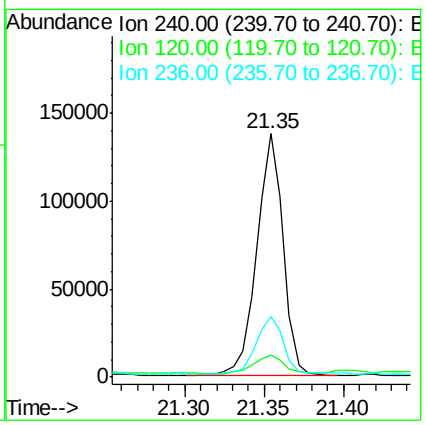


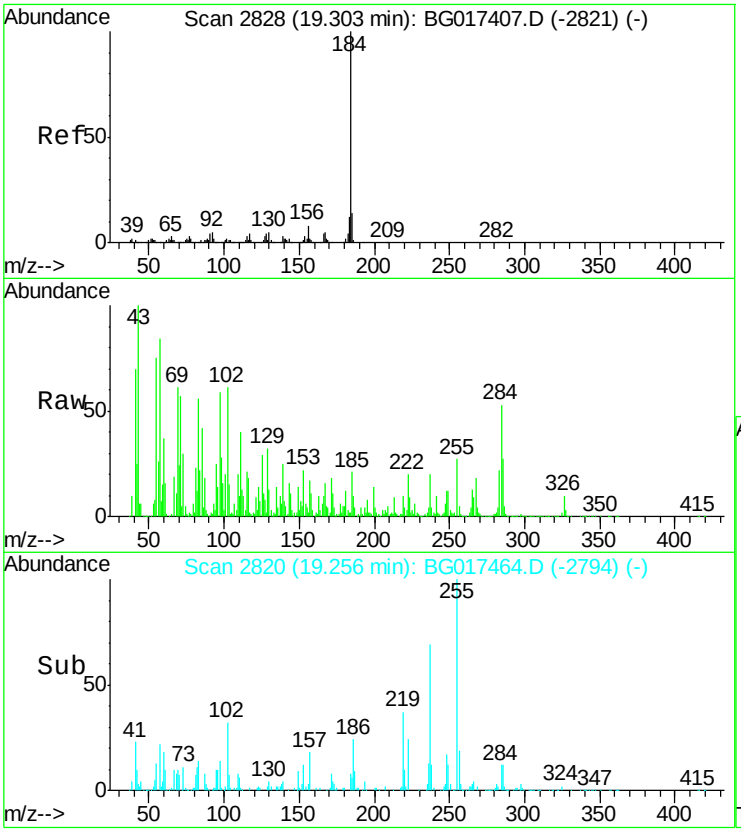


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3177
Delta R.T. 0.12 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:240 Resp: 158345

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	25.1	20.8	31.2



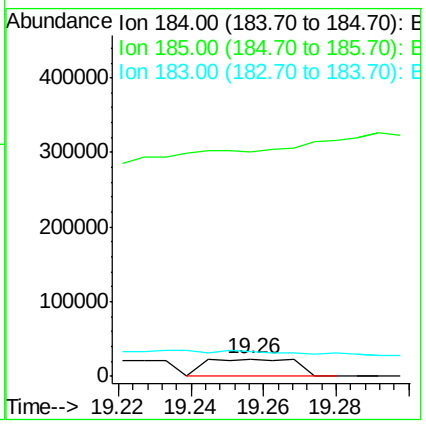


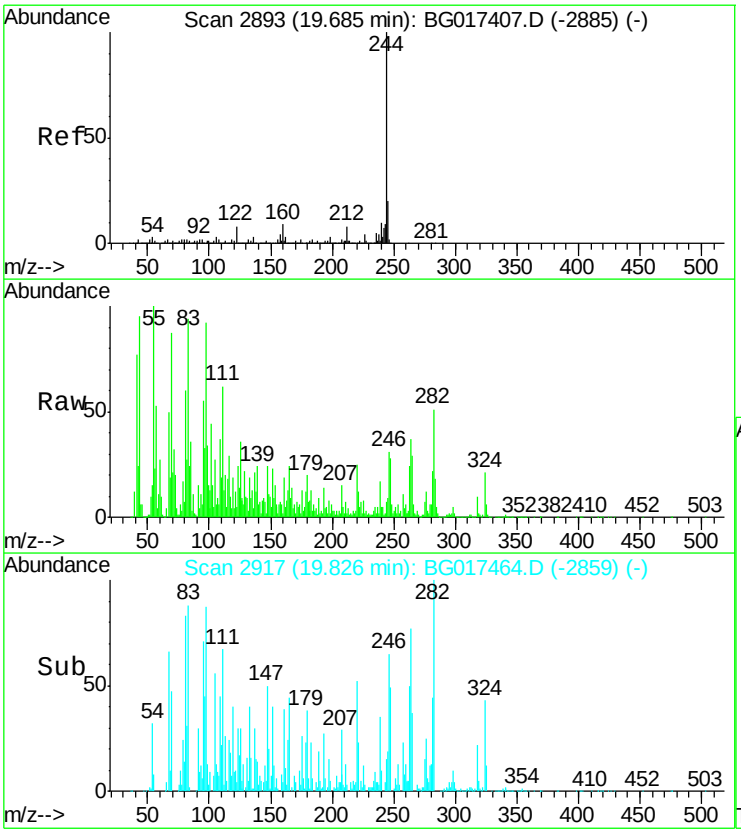
#76
Benzidine
Concen: 7.17 ng
RT: 19.26 min Scan# 2820
Delta R.T. -0.05 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion:184 Resp: 38996

Ion	Ratio	Lower	Upper
184	100		
185	1295.0	11.0	16.6#
183	142.4	9.8	14.8#

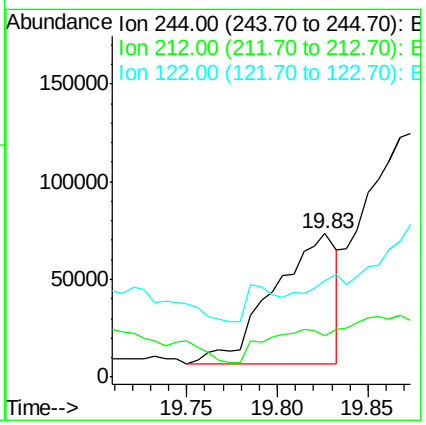


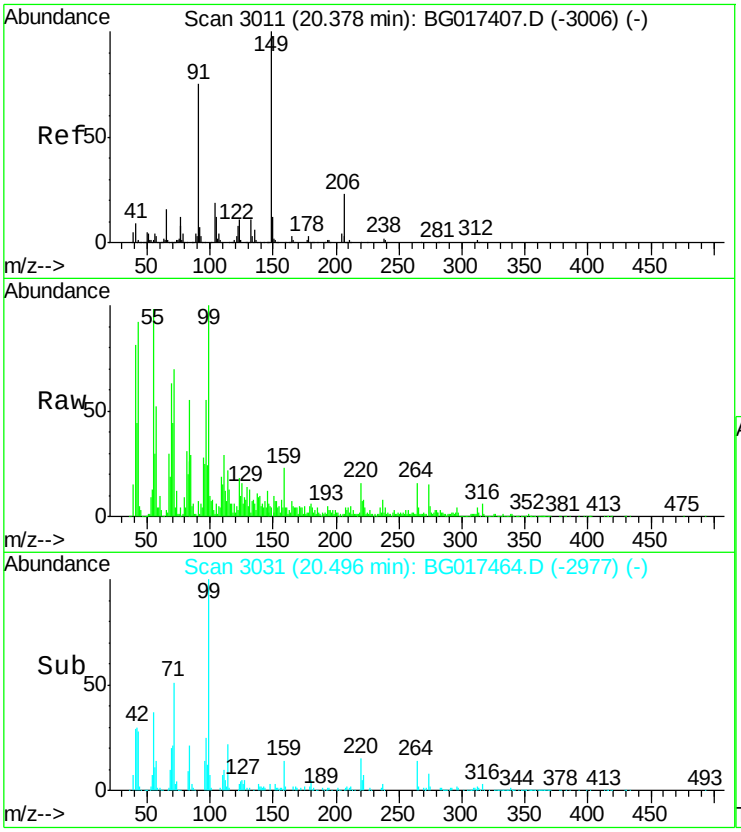


#78
Terphenyl-d14
Concen: 20.88 ng
RT: 19.83 min Scan# 2917
Delta R.T. 0.14 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:244 Resp: 159978

Ion	Ratio	Lower	Upper
244	100		
212	29.1	6.4	9.6#
122	67.0	6.6	10.0#



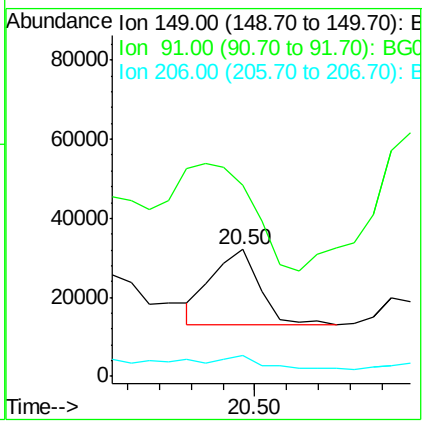


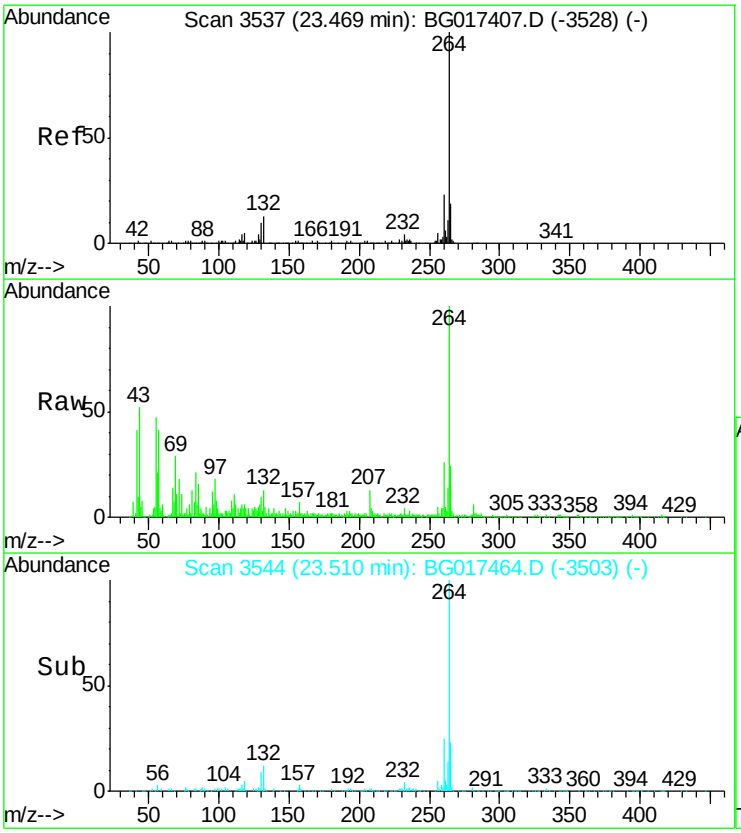
#79
Butylbenzylphthalate
Concen: 4.80 ng
RT: 20.50 min Scan# 3031
Delta R.T. 0.12 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tgt Ion:149 Resp: 20265

Ion	Ratio	Lower	Upper
149	100		
91	150.8	59.8	89.6#
206	16.6	18.2	27.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3544
Delta R.T. 0.04 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion:264 Resp: 160329

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.4
265	24.2	15.8	23.6#