Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9804

Quant Time: May 27 03:25:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 03:15:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	34968	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	223610	20.00	ng		0.05
38) Acenaphthene-d10	14.32	164	80192	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	165412	20.00	ng		0.00
75) Chrysene-d12	21.25	240	178558	20.00	ng		0.00
86) Perylene-d12	23.50	264	175009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	27636	14.02	ng		0.00
7) Phenol-d6	6.87	99	49861	18.03	ng		0.00
23) Nitrobenzene-d5	8.84	82	242163	50.56	ng		0.01
41) 2,4,6-Tribromophenol	15.81	330	13850	14.29	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	56443	10.33	ng		0.00
78) Terphenyl-d14	19.70	244	82620	9.64	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.90	79	10699	3.98	ng	#	60
18) Hexachloroethane	8.70	117	9863	8.88	ng	#	1
19) n-Nitroso-di-n-propylamine	8.49	70	307575	127.64	ng	#	50
20) 3+4-Methylphenols	8.52	107	7862	2.66	ng	#	1
22) Acetophenone	8.49	105	72614	13.38	ng	#	1
24) Nitrobenzene	8.92	77	14206	3.03	ng	#	54
25) Isophorone	9.48	82	1084532	122.85	ng	#	1
26) 2-Nitrophenol	9.68	139	178005	84.97	ng	#	41
27) 2,4-Dimethylphenol	9.74	122	106124	30.78	ng	#	1
31) Naphthalene	10.57	128	250285	22.87	ng	#	1
32) Benzoic acid	9.85	122	12598	5.39	ng	#	1
33) 4-Chloroaniline	10.70	127	37492	7.24	ng	#	21
35) Caprolactam	11.51	113	99017	60.55	ng	#	1
37) 2-Methylnaphthalene	12.15	142	135704	15.64	ng		96
45) 1,1'-Biphenyl	13.16	154	28367	4.91	ng		91
73) Di-n-butylphthalate	18.04	149	55707	5.24	ng		97

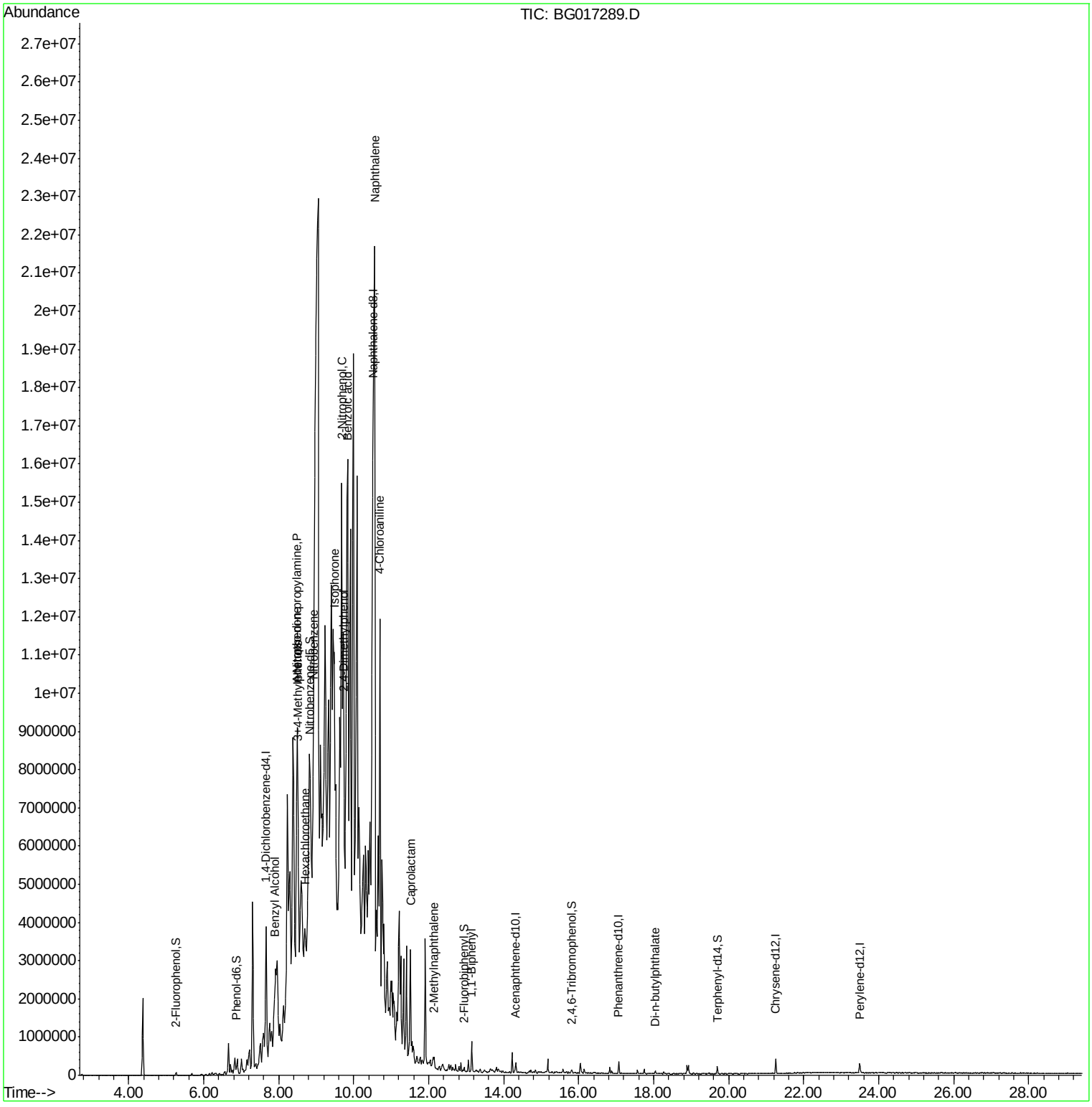
(#) = qualifier out of range (m) = manual integration (+) = signals summed

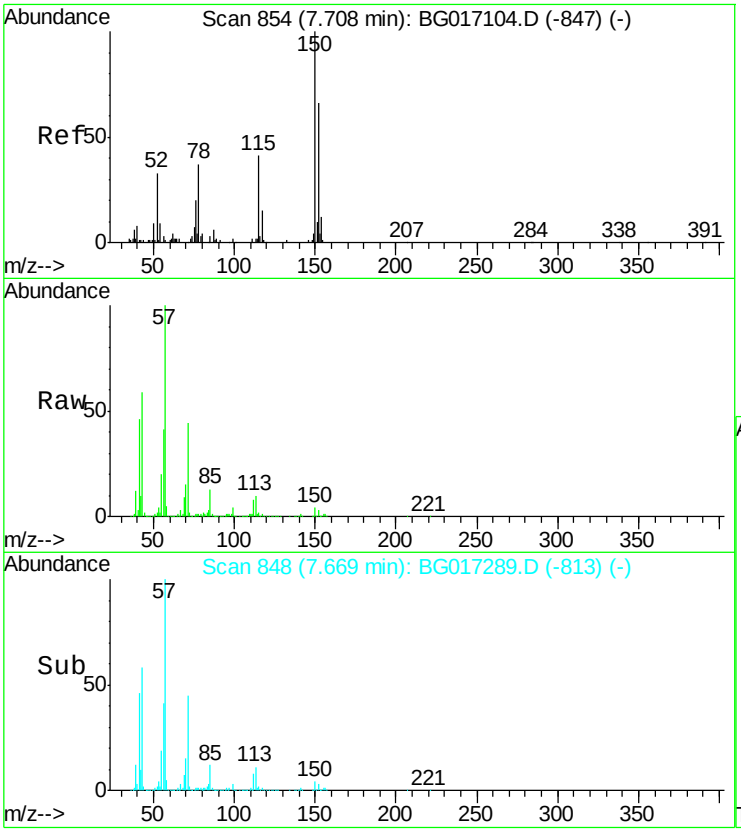
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9804

Quant Time: May 27 03:25:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 03:15:10 2015
Response via : Initial Calibration



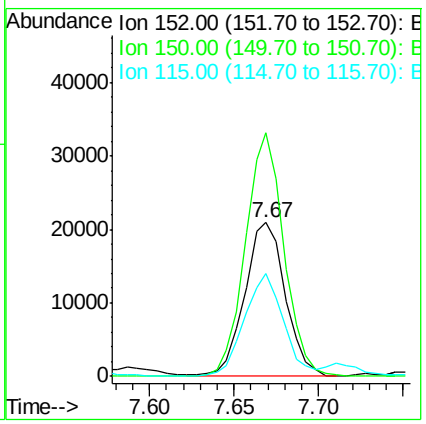


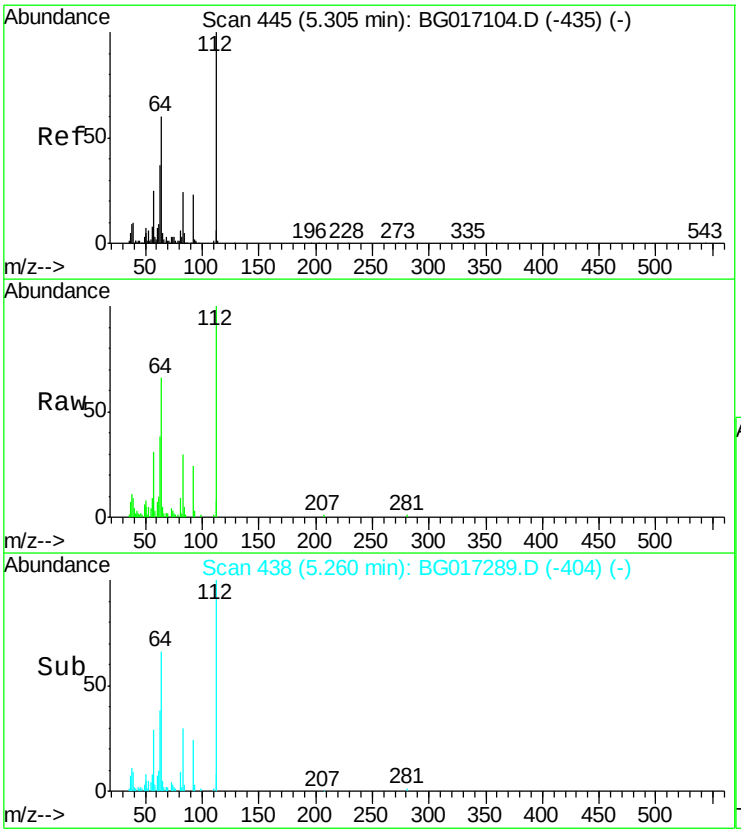
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. 0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:152 Resp: 34968

Ion	Ratio	Lower	Upper
152	100		
150	158.3	120.8	181.2
115	67.2	49.4	74.2

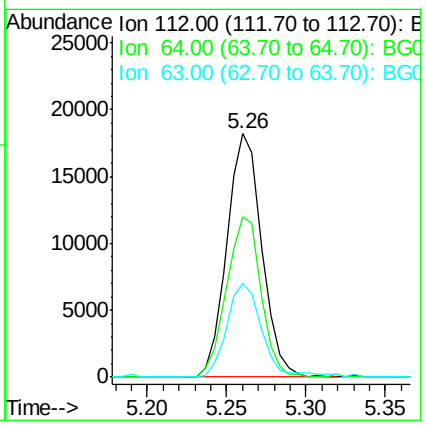


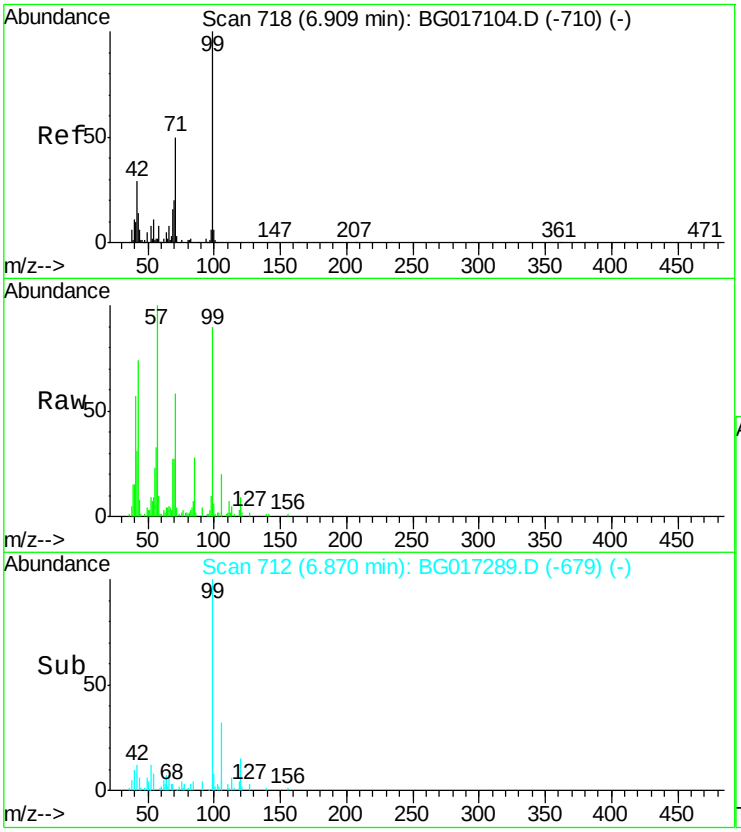


#5
2-Fluorophenol
Concen: 14.02 ng
RT: 5.26 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:112 Resp: 27636

Ion	Ratio	Lower	Upper
112	100		
64	65.8	48.1	72.1
63	38.5	29.8	44.8



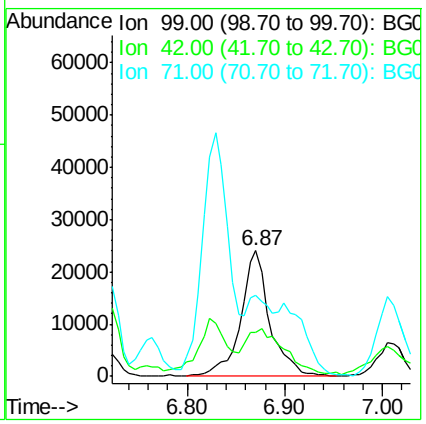


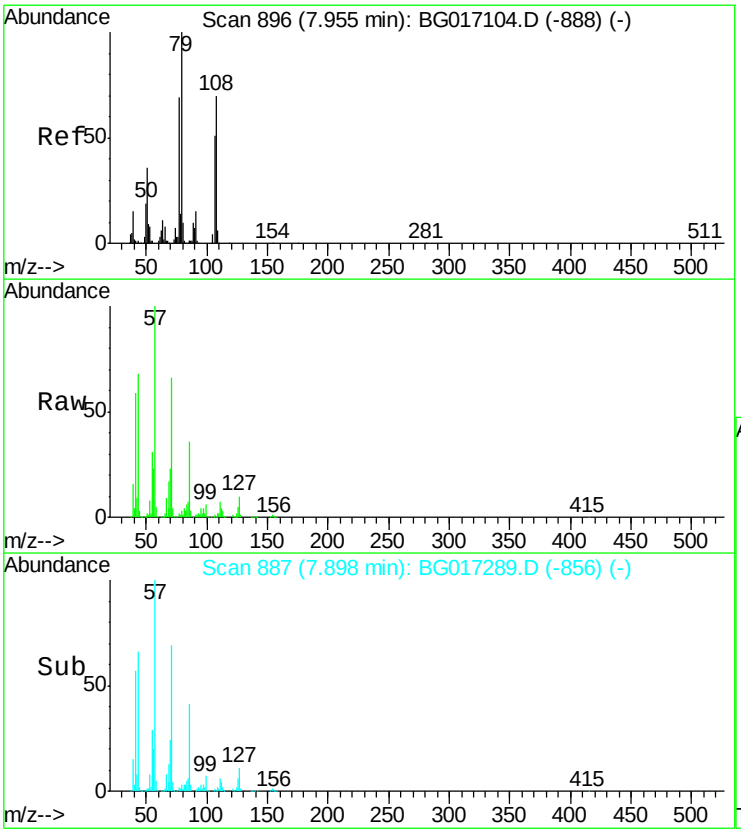
#7
Phenol-d6
Concen: 18.03 ng
RT: 6.87 min Scan# 712
Delta R.T. -0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion: 99 Resp: 49861

Ion	Ratio	Lower	Upper
99	100		
42	34.6	23.5	35.3
71	64.2	39.8	59.8#

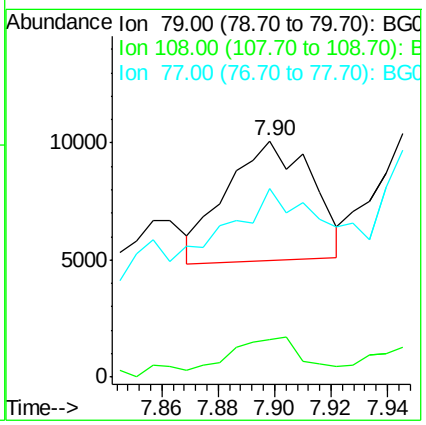


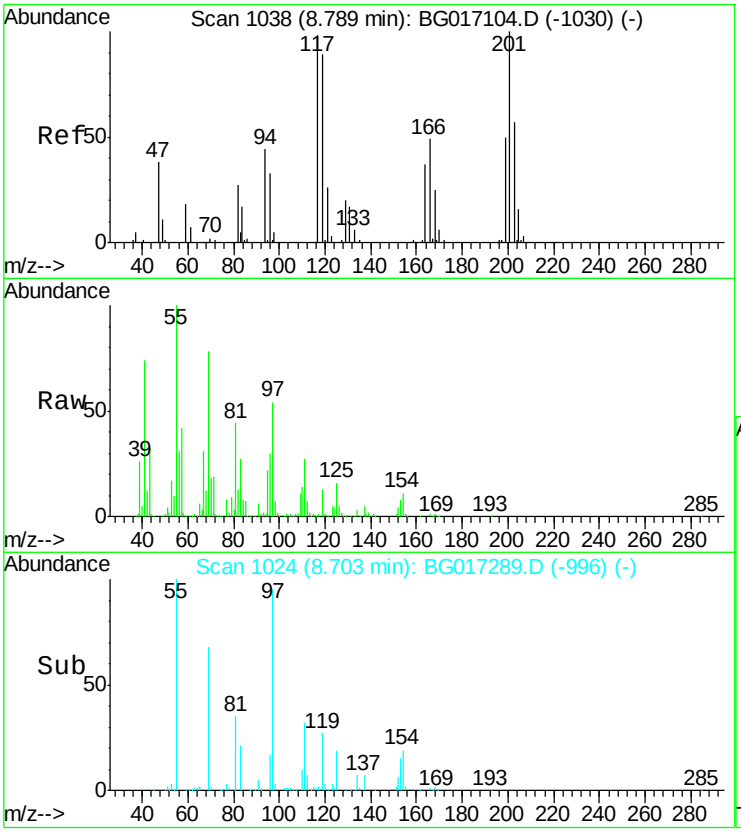


#15
Benzyl Alcohol
Concen: 3.98 ng
RT: 7.90 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion: 79 Resp: 10699

Ion	Ratio	Lower	Upper
79	100		
108	15.7	55.8	83.6#
77	80.0	55.4	83.0



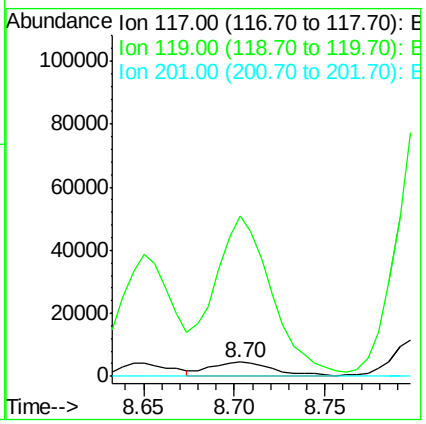


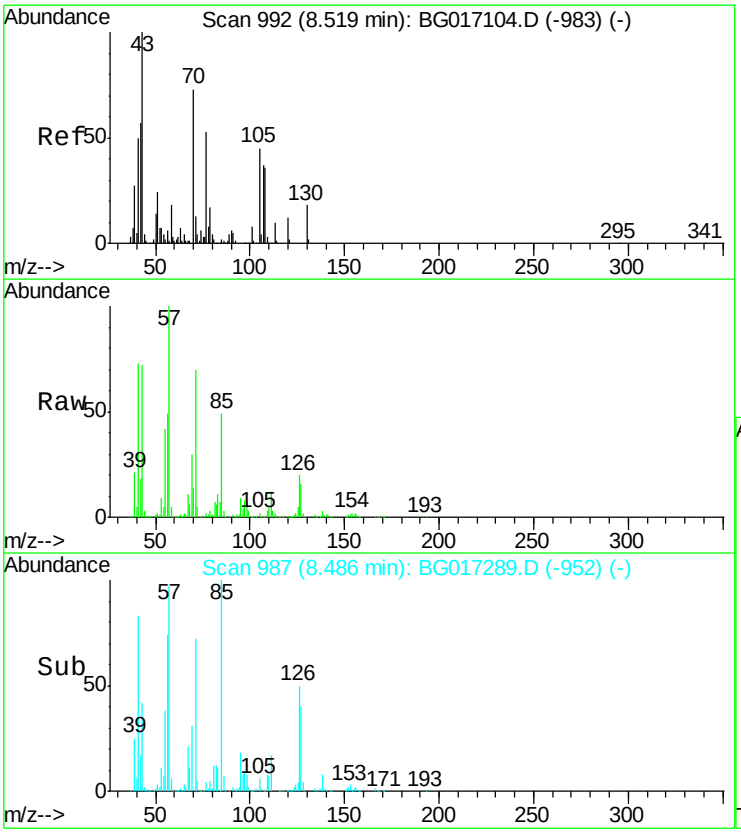
#18
Hexachloroethane
Concen: 8.88 ng
RT: 8.70 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:117 Resp: 9863

Ion	Ratio	Lower	Upper
117	100		
119	1132.3	73.0	109.6#
201	0.0	81.7	122.5#

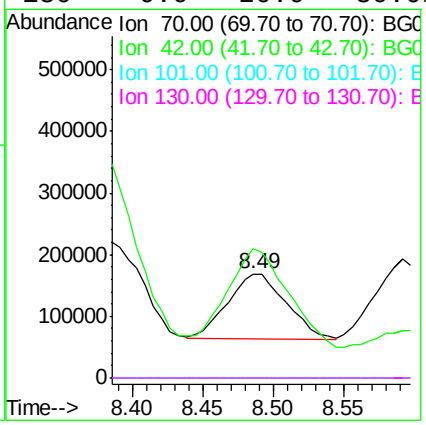


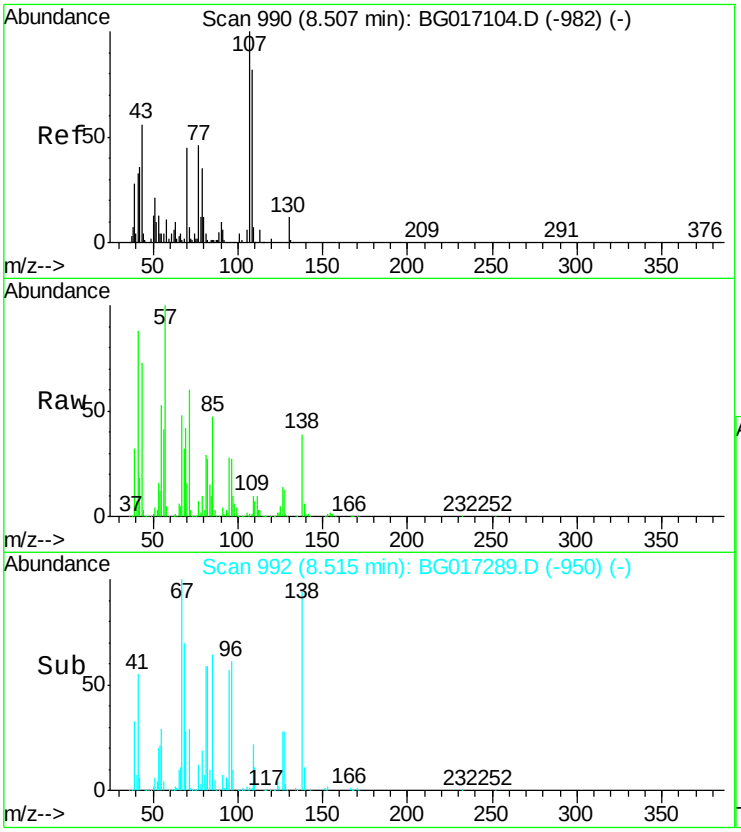


#19
n-Nitroso-di-n-propylamine
Concen: 127.64 ng
RT: 8.49 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion: 70 Resp: 307575

Ion	Ratio	Lower	Upper
70	100		
42	124.4	62.6	94.0#
101	0.1	9.0	13.4#
130	0.0	20.0	30.0#



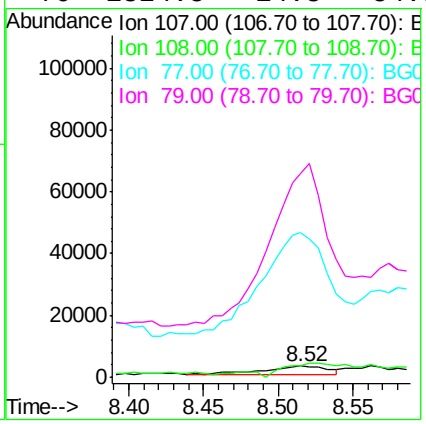


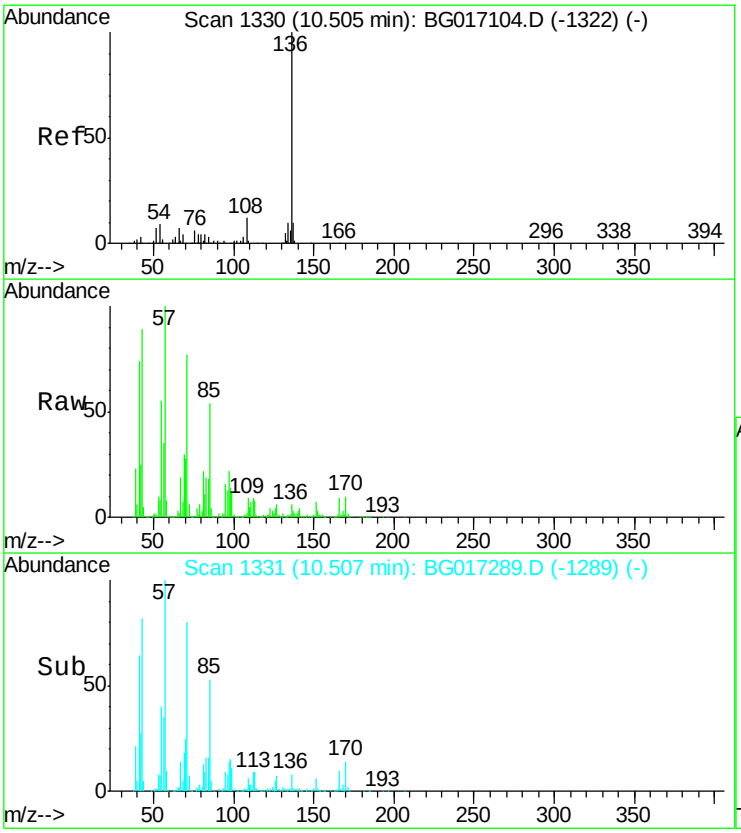
#20
3+4-Methylphenols
Concen: 2.66 ng
RT: 8.52 min Scan# 992
Delta R.T. 0.05 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:107 Resp: 7862

Ion	Ratio	Lower	Upper
107	100		
108	108.6	62.2	102.2#
77	1294.8	26.0	66.0#
79	1824.5	14.8	54.8#

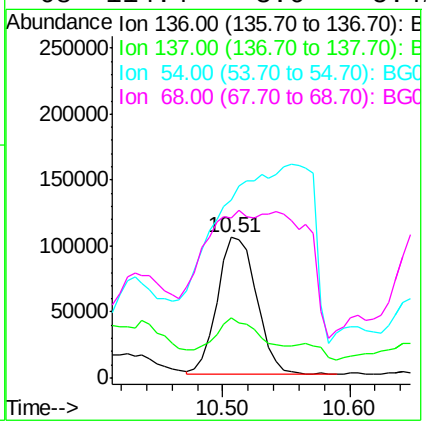


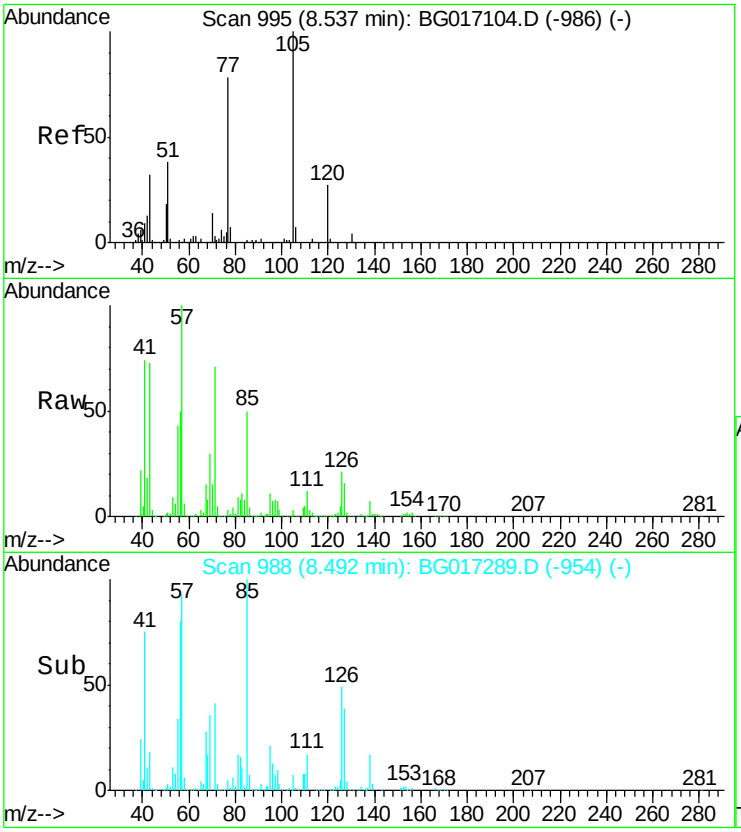


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. 0.05 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:136 Resp: 223610

Ion	Ratio	Lower	Upper
136	100		
137	42.6	8.3	12.5#
54	126.6	7.4	11.2#
68	114.4	3.6	5.4#



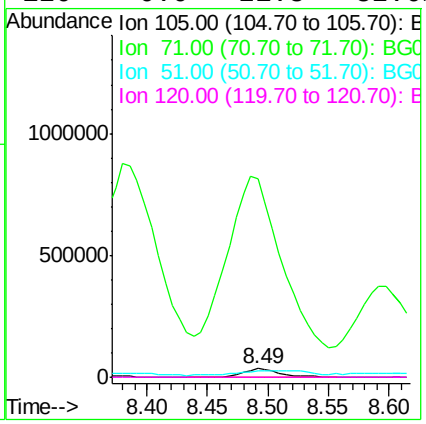


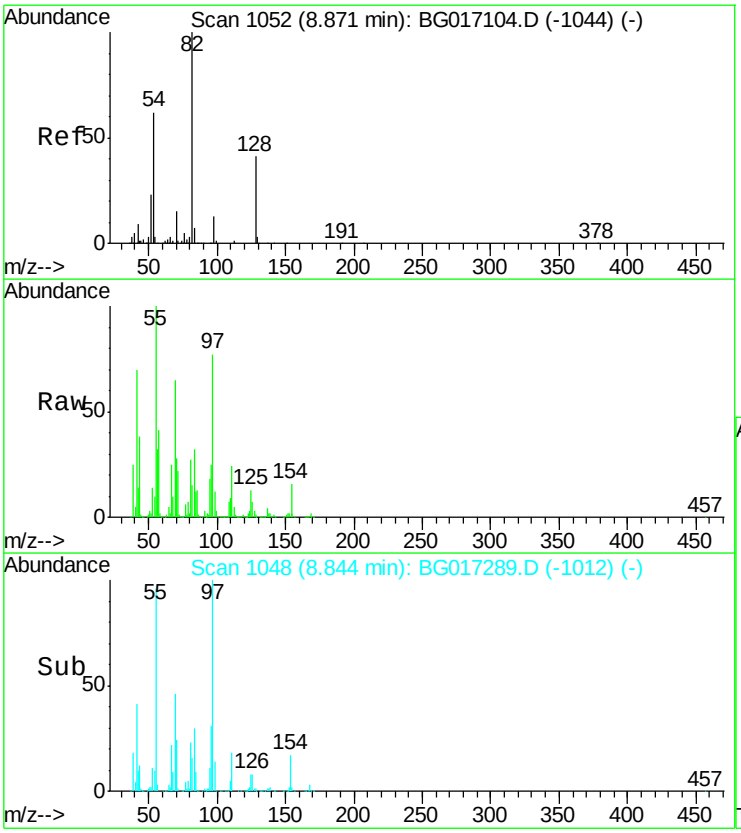
#22
Acetophenone
Concen: 13.38 ng
RT: 8.49 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:105 Resp: 72614

Ion	Ratio	Lower	Upper
105	100		
71	2277.2	2.2	3.4#
51	70.7	32.8	49.2#
120	0.0	21.8	32.6#

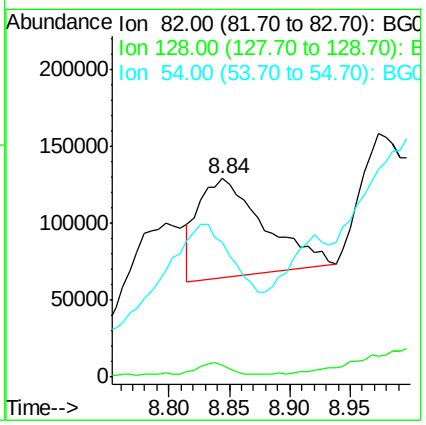


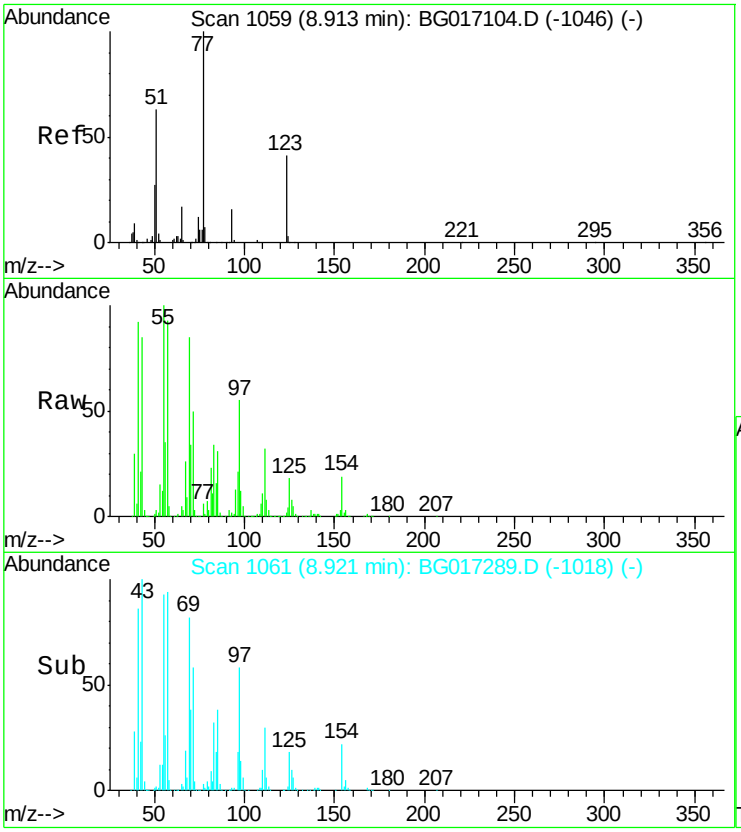


#23
Nitrobenzene-d5
Concen: 50.56 ng
RT: 8.84 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion: 82 Resp: 242163

Ion	Ratio	Lower	Upper
82	100		
128	6.3	32.6	49.0#
54	67.8	49.6	74.4



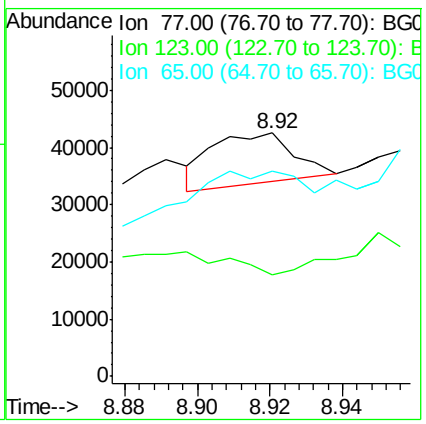


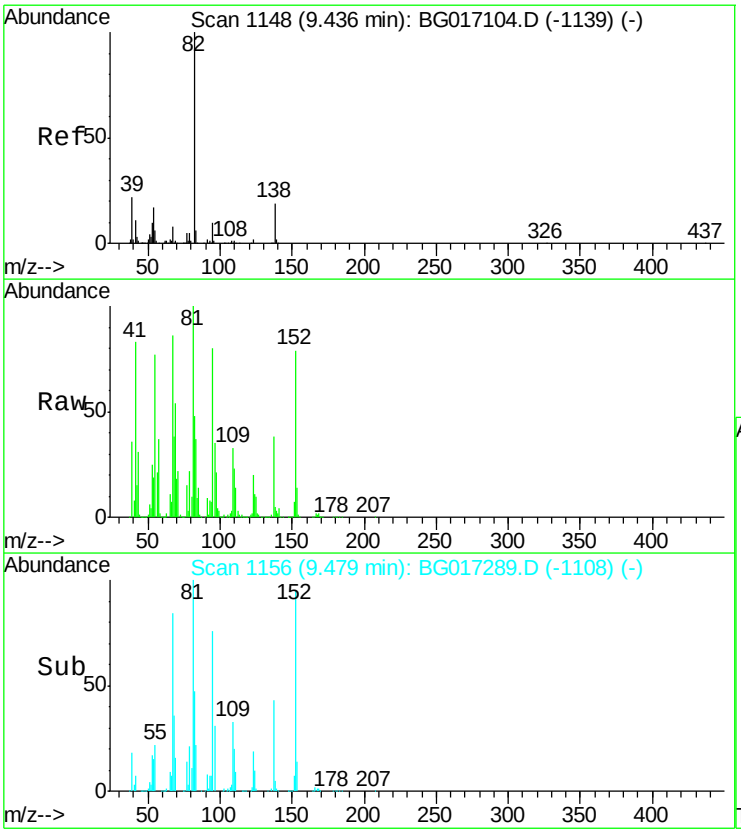
#24
Nitrobenzene
Concen: 3.03 ng
RT: 8.92 min Scan# 1061
Delta R.T. 0.06 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion: 77 Resp: 14206

Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.0	49.4
65	84.3	13.3	19.9#

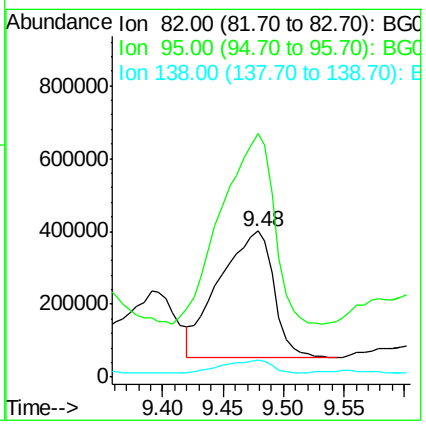


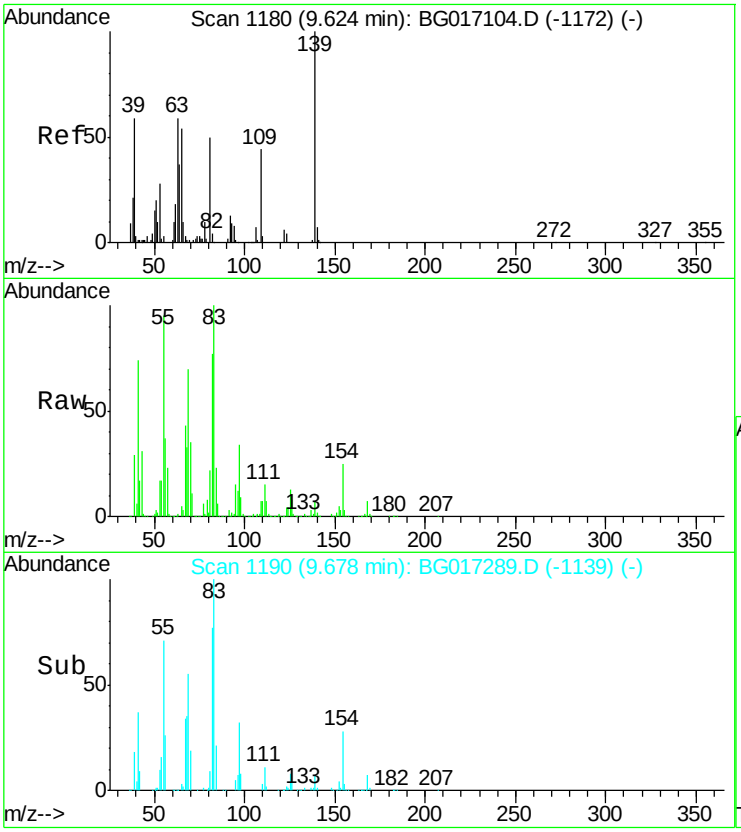


#25
Isophorone
Concen: 122.85 ng
RT: 9.48 min Scan# 1156
Delta R.T. 0.08 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion: 82 Resp: 1084532

Ion	Ratio	Lower	Upper
82	100		
95	166.7	7.7	11.5#
138	11.4	15.0	22.6#



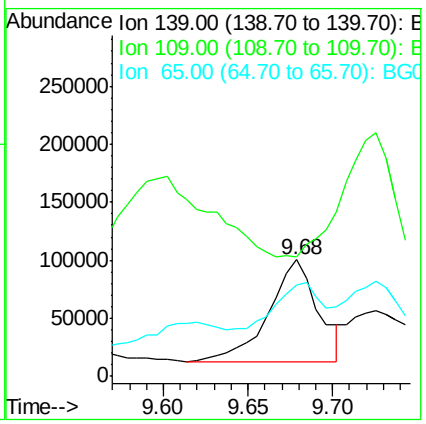


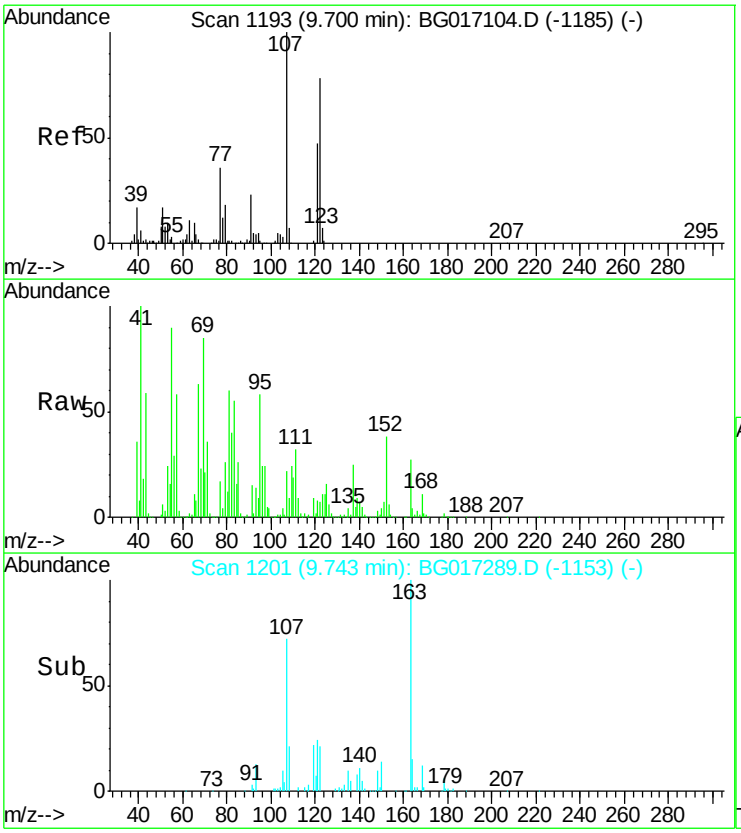
#26
2-Nitrophenol
Concen: 84.97 ng
RT: 9.68 min Scan# 1190
Delta R.T. 0.10 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:139 Resp: 178005

Ion	Ratio	Lower	Upper
139	100		
109	102.1	34.9	52.3#
65	77.7	43.0	64.4#

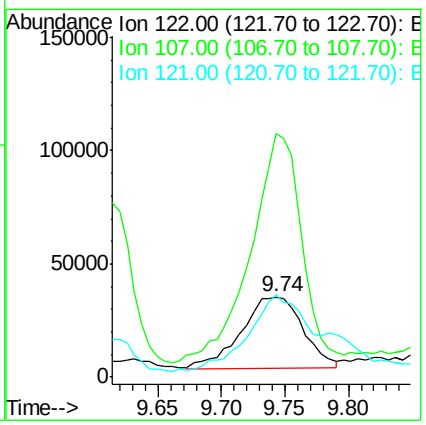


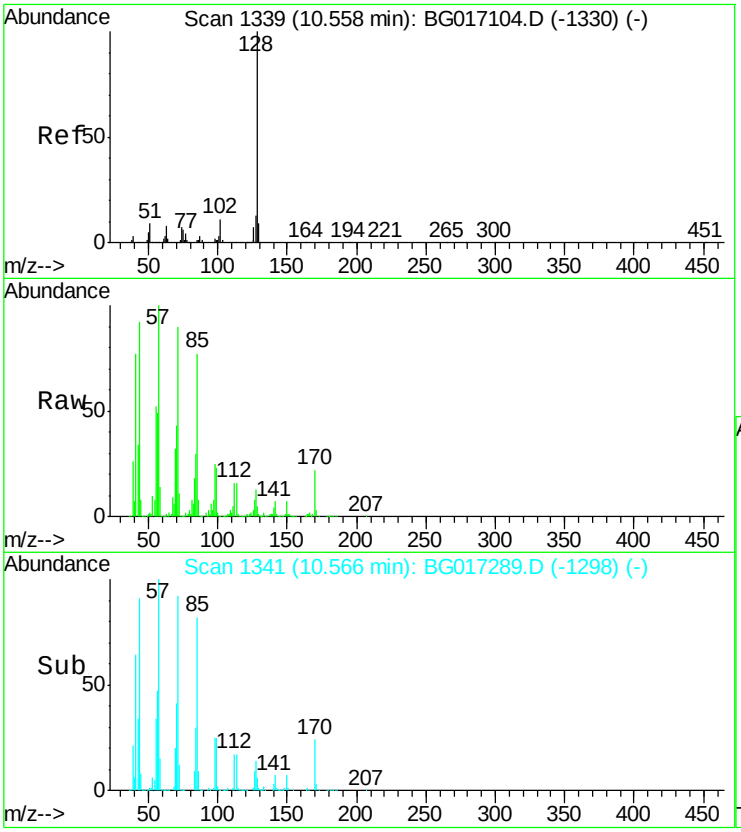


#27
2,4-Dimethylphenol
Concen: 30.78 ng
RT: 9.74 min Scan# 1201
Delta R.T. 0.08 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:122 Resp: 106124

Ion	Ratio	Lower	Upper
122	100		
107	304.2	102.3	153.5#
121	103.6	48.7	73.1#



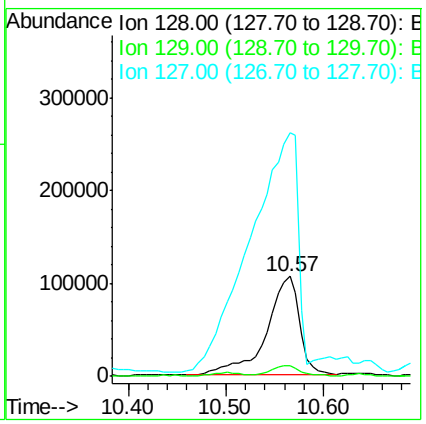


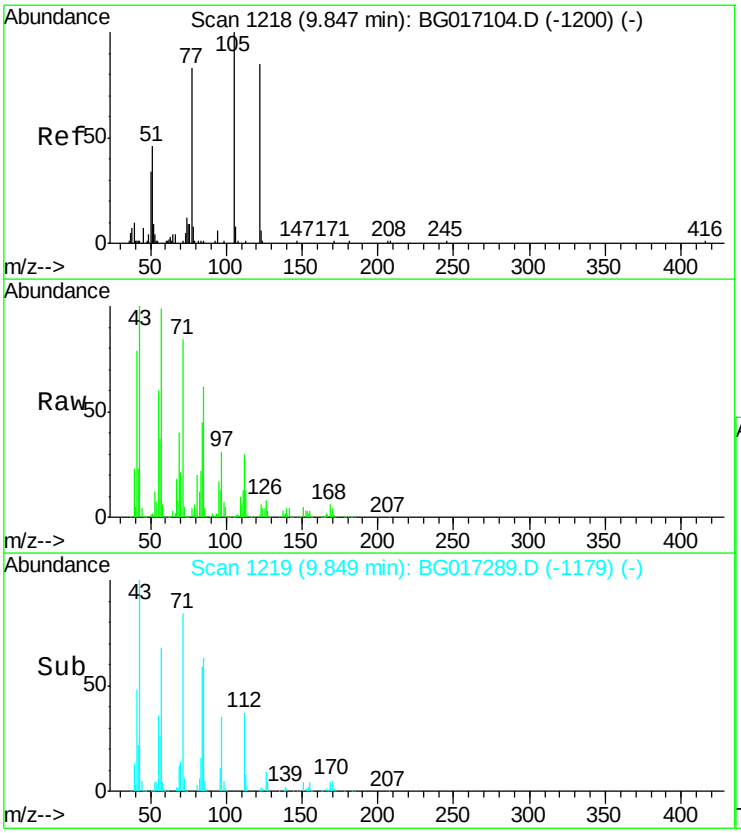
#31
Naphthalene
Concen: 22.87 ng
RT: 10.57 min Scan# 1341
Delta R.T. 0.06 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:128 Resp: 250285

Ion	Ratio	Lower	Upper
128	100		
129	11.1	7.6	11.4
127	243.3	10.6	16.0#

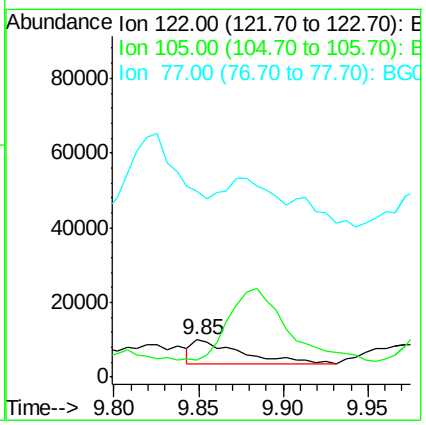


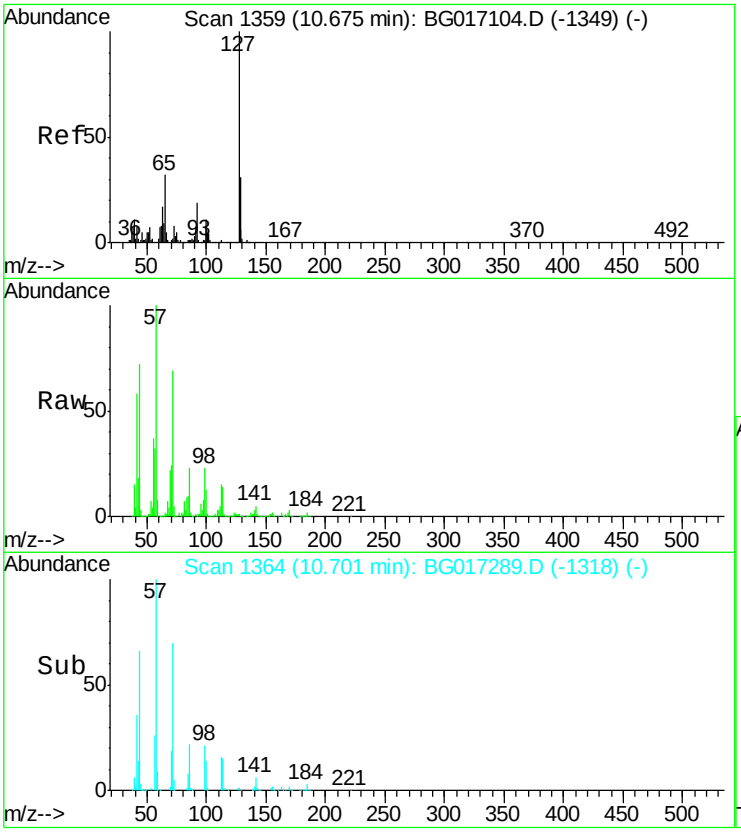


#32
Benzoic acid
Concen: 5.39 ng
RT: 9.85 min Scan# 1219
Delta R.T. 0.04 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:122 Resp: 12598

Ion	Ratio	Lower	Upper
122	100		
105	47.0	96.7	136.7#
77	497.5	78.5	118.5#



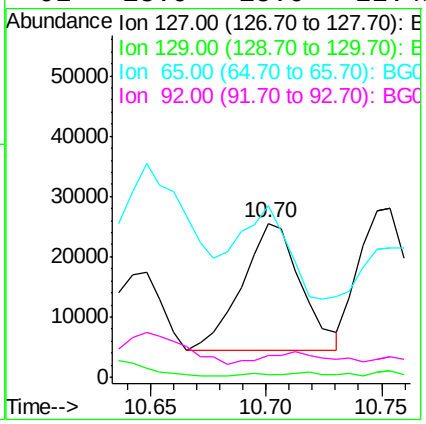


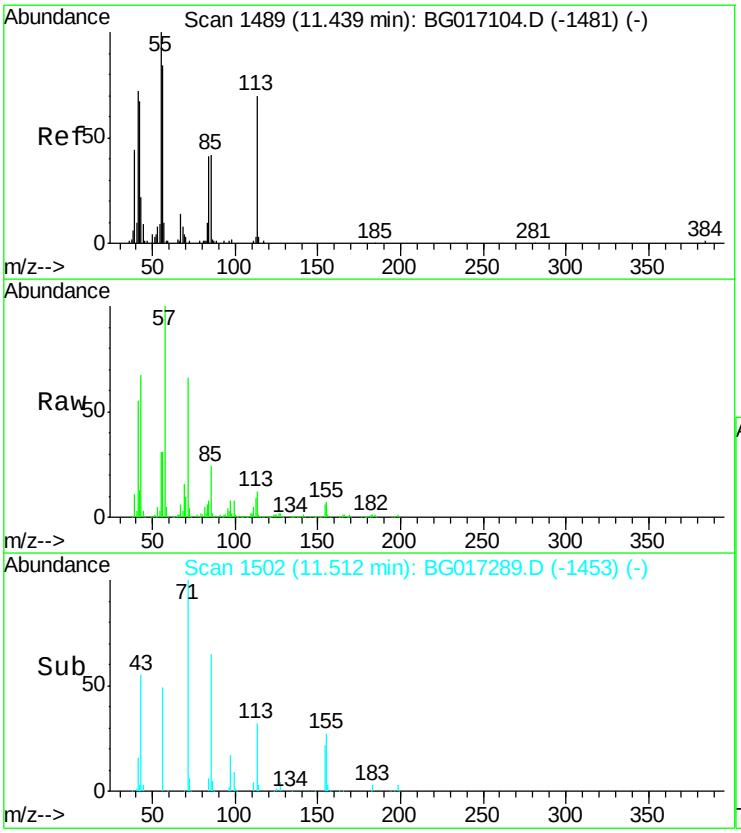
#33
4-Chloroaniline
Concen: 7.24 ng
RT: 10.70 min Scan# 1364
Delta R.T. 0.07 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:127 Resp: 37492

Ion	Ratio	Lower	Upper
127	100		
129	1.8	24.8	37.2#
65	111.9	25.8	38.6#
92	13.9	15.0	22.4#

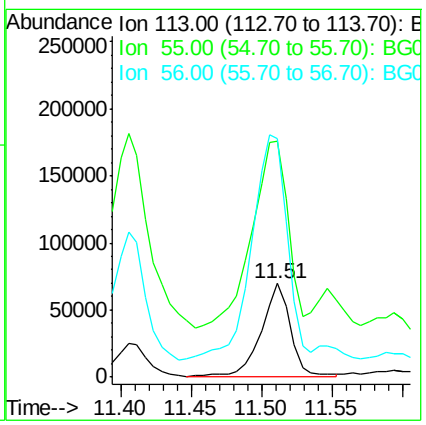


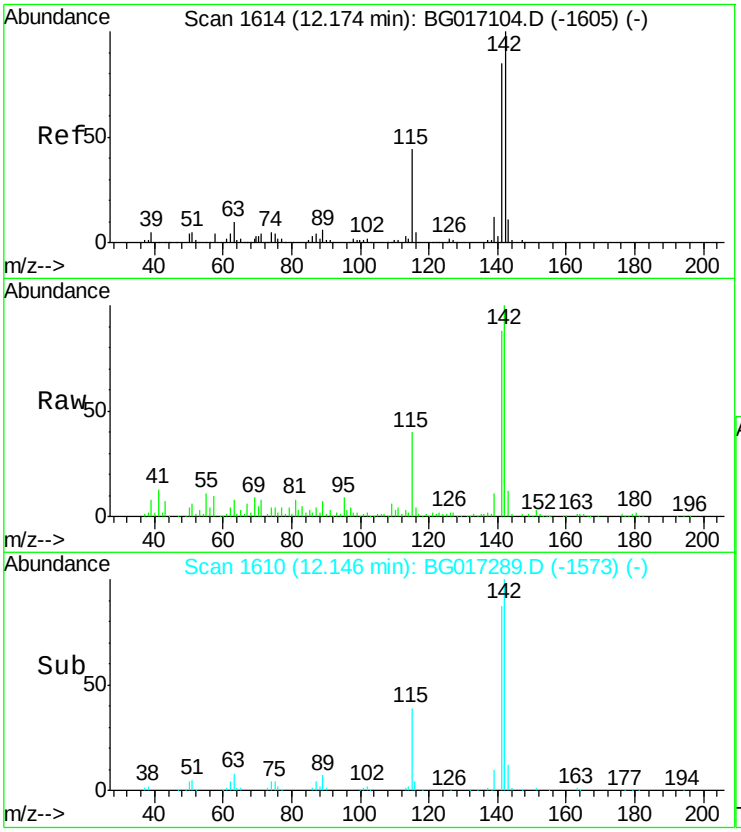


#35
Caprolactam
Concen: 60.55 ng
RT: 11.51 min Scan# 1502
Delta R.T. 0.09 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:113 Resp: 99017

Ion	Ratio	Lower	Upper
113	100		
55	252.0	124.1	164.1#
56	254.9	100.3	140.3#



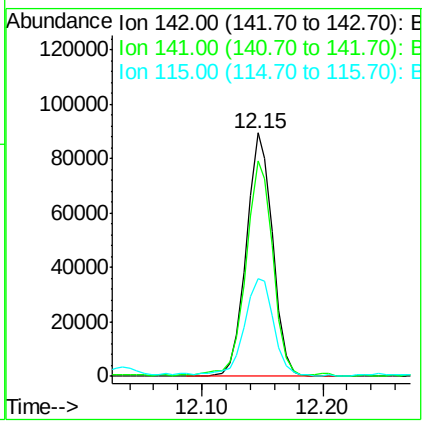


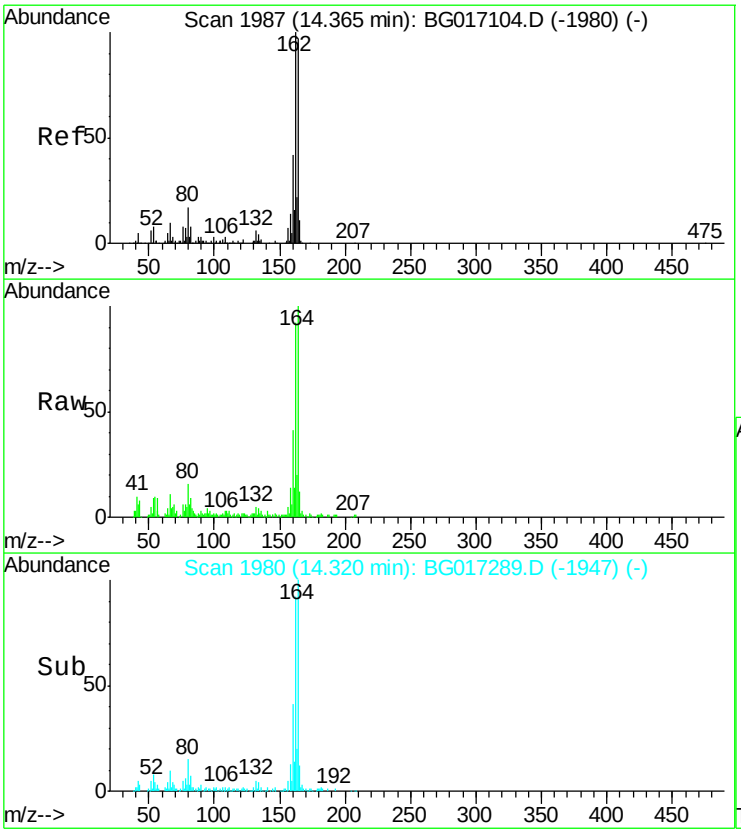
#37
2-Methylnaphthalene
Concen: 15.64 ng
RT: 12.15 min Scan# 1610
Delta R.T. 0.02 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:142 Resp: 135704

Ion	Ratio	Lower	Upper
142	100		
141	88.3	68.2	102.2
115	40.3	35.6	53.4

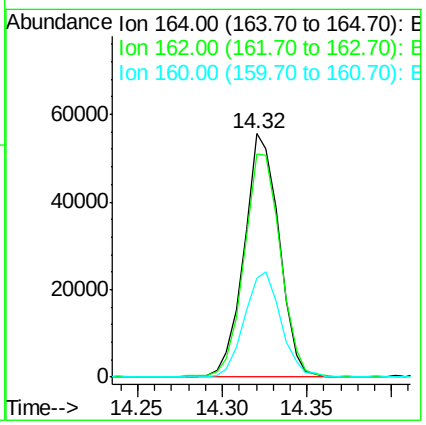


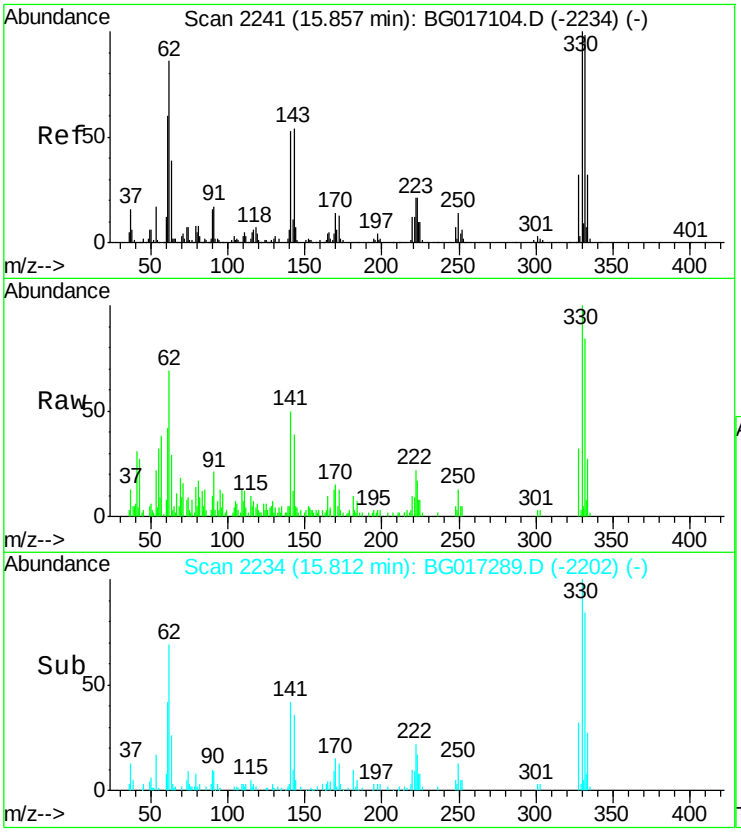


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:164 Resp: 80192

Ion	Ratio	Lower	Upper
164	100		
162	91.8	82.1	123.1
160	40.5	34.8	52.2



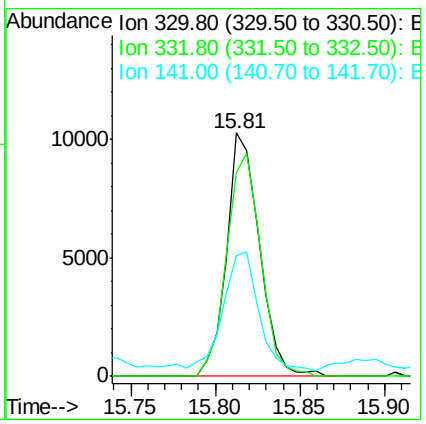


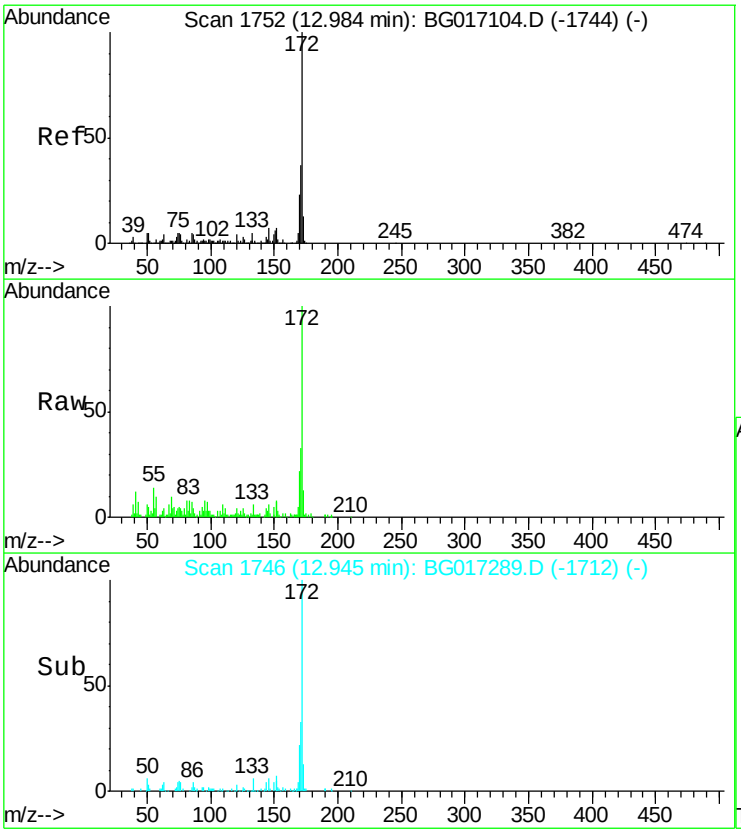
#41
2,4,6-Tribromophenol
Concen: 14.29 ng
RT: 15.81 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:330 Resp: 13850

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	53.0	42.2	63.2

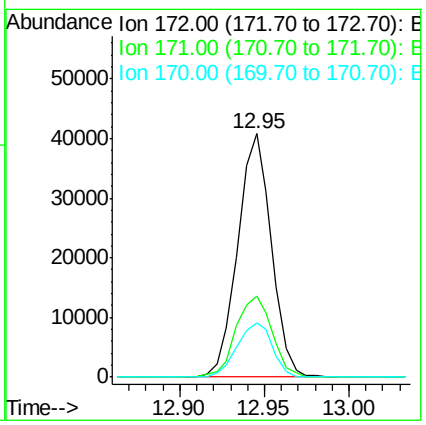


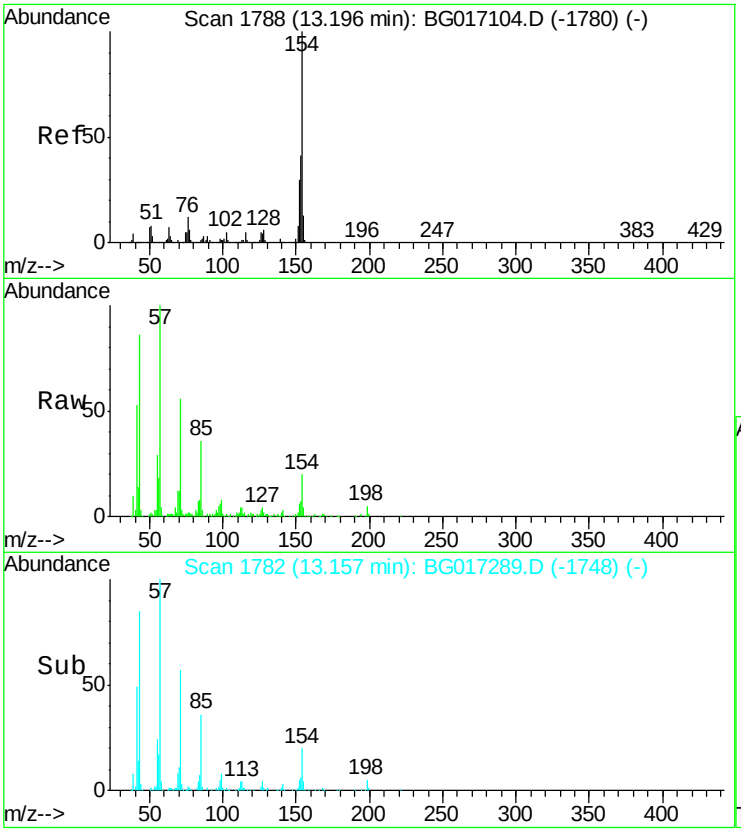


#44
2-Fluorobiphenyl
Concen: 10.33 ng
RT: 12.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:172 Resp: 56443

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.7	44.5
170	22.2	18.4	27.6



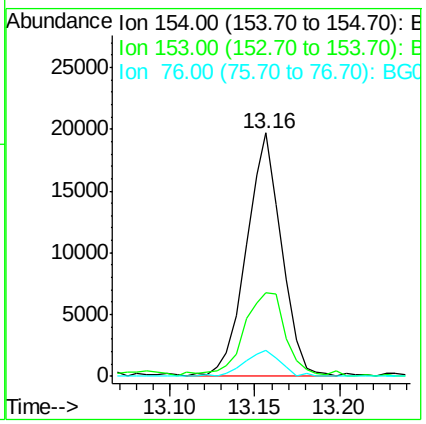


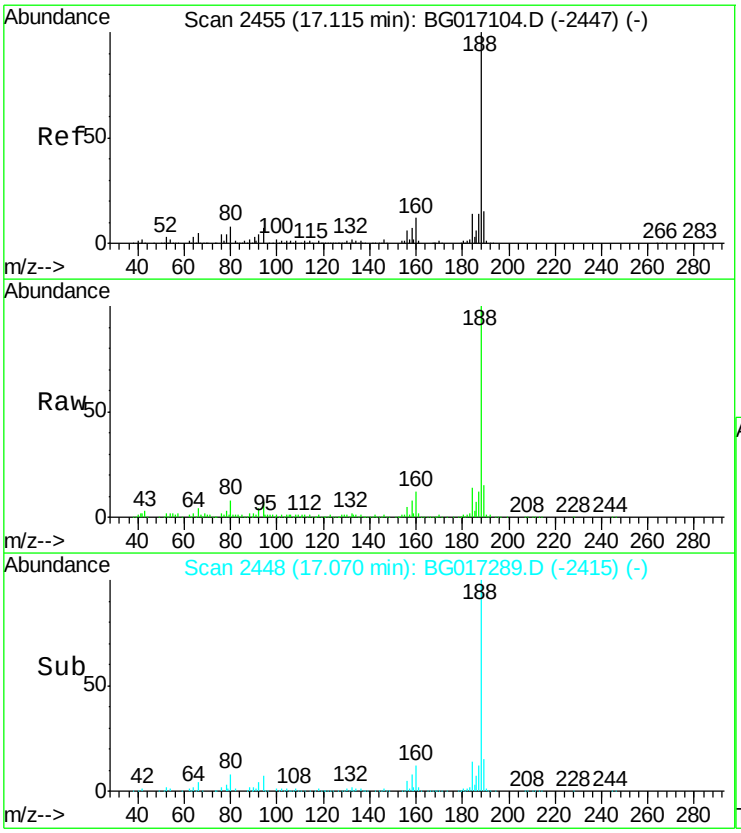
#45
1,1'-Biphenyl
Concen: 4.91 ng
RT: 13.16 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:154 Resp: 28367

Ion	Ratio	Lower	Upper
154	100		
153	34.4	21.5	61.5
76	10.9	0.0	31.9

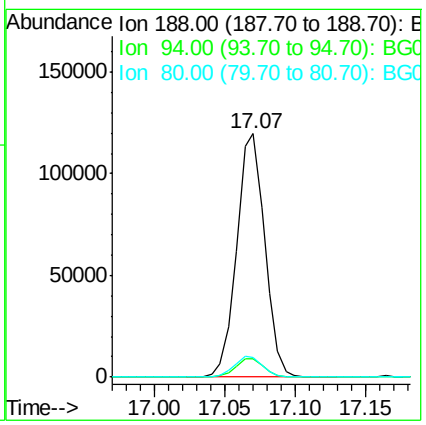


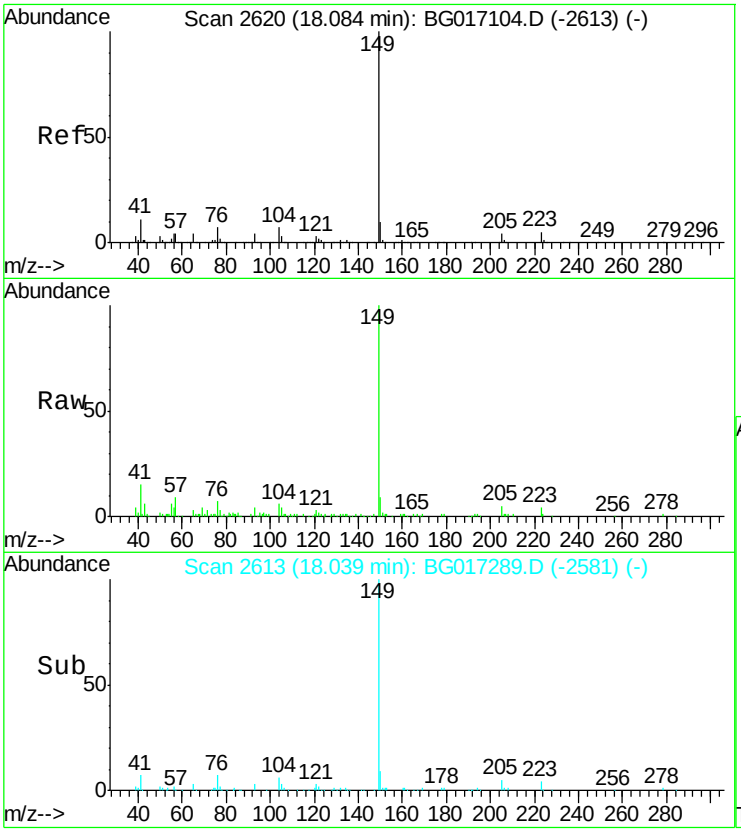


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:188 Resp: 165412

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	8.1	6.5	9.7



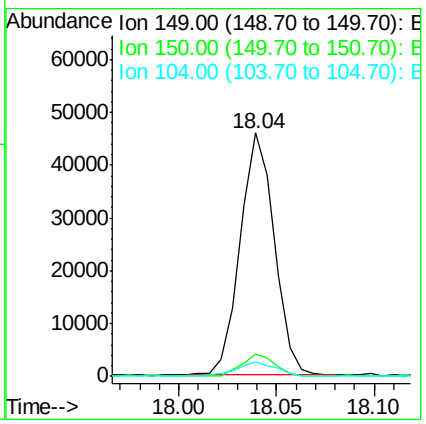


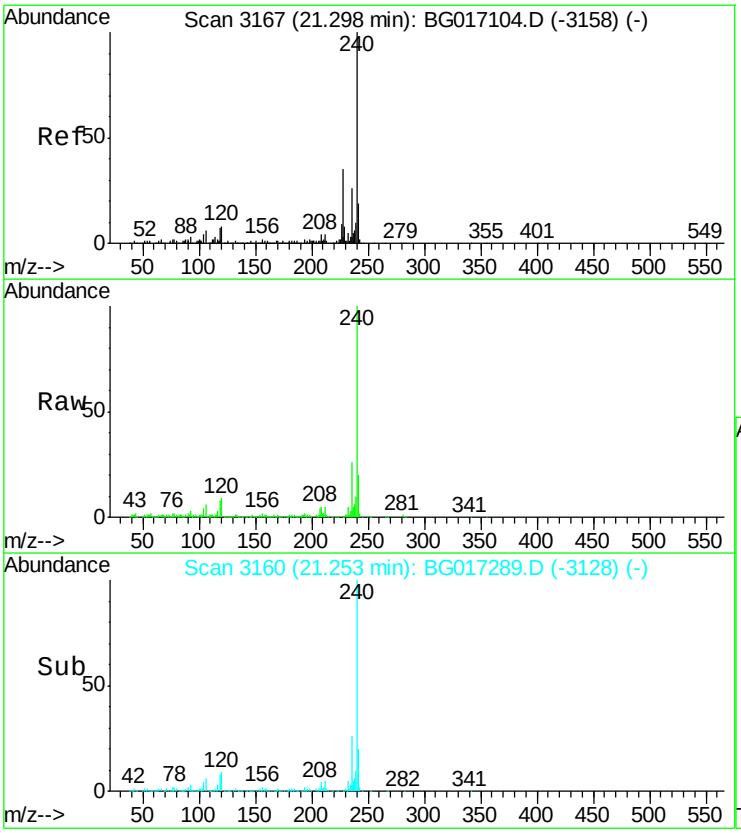
#73
Di-n-butylphthalate
Concen: 5.24 ng
RT: 18.04 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:149 Resp: 55707

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.2	12.4
104	5.9	5.7	8.5

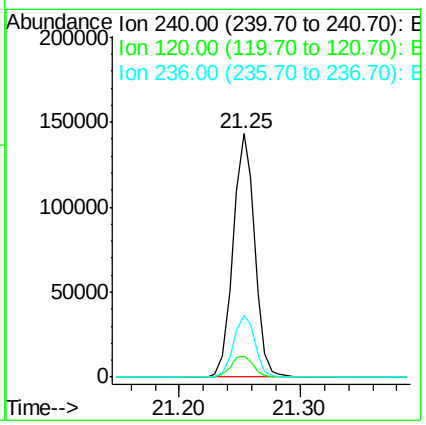


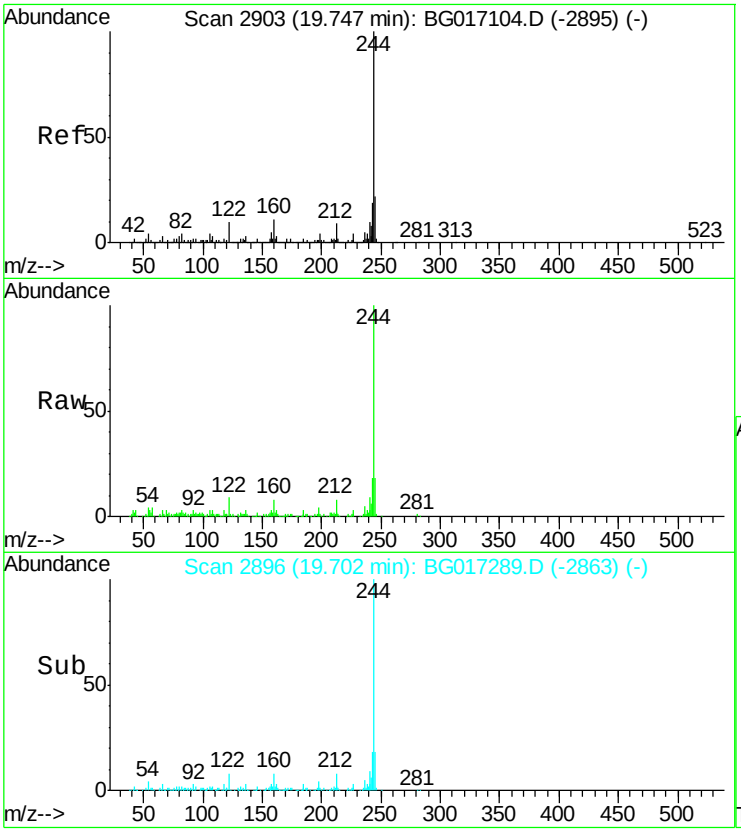


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:240 Resp: 178558

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.0	9.0
236	25.5	20.5	30.7



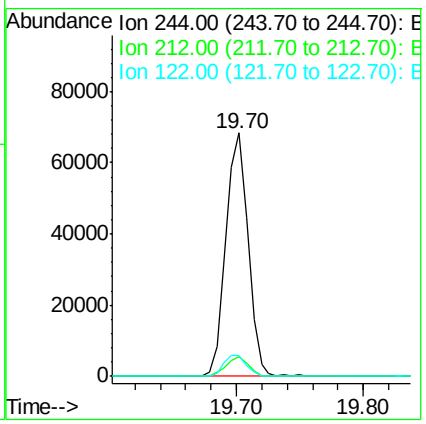


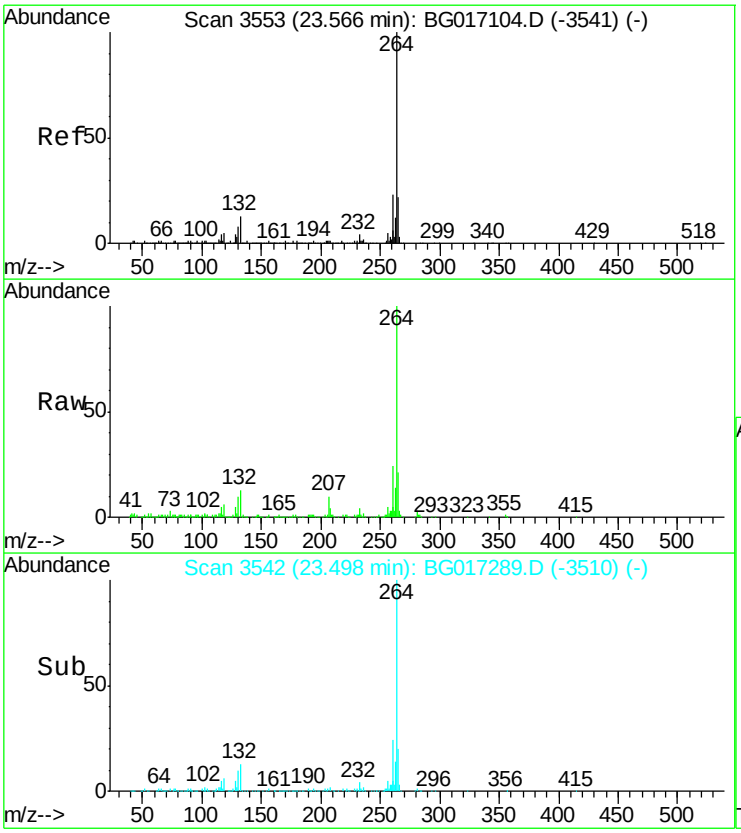
#78
Terphenyl-d14
Concen: 9.64 ng
RT: 19.70 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
LAR9804

Tgt Ion:244 Resp: 82620

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	8.6	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:264 Resp: 175009

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.0	27.0
265	20.7	17.4	26.0