Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021646.D
Acq On : 14 Apr 2016 9:32
Operator : UM/SJ
Sample : H2418-01
Misc : LOD 1PPM
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GMW-11

Quant Time: Apr 15 00:49:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	33282	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	153875	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	94614	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	211827	20.00	ng		0.00
75) Chrysene-d12	21.83	240	250148	20.00	ng		0.00
86) Perylene-d12	25.16	264	243835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	167529	83.82	ng		0.00
7) Phenol-d6	7.36	99	162581	54.46	ng		0.00
23) Nitrobenzene-d5	9.38	82	295830	98.82	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	168744	165.48	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	676644	104.78	ng		0.00
78) Terphenyl-d14	20.15	244	948804	94.64	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.54	79	4640	2.03	ng	#	49
31) Naphthalene	11.08	128	118304	14.37	ng	#	97
32) Benzoic acid	10.21	122	1071	5.04	ng	#	49
33) 4-Chloroaniline	11.09	127	15951	4.47	ng	#	34
51) Acenaphthene	14.88	154	13250	2.13	ng		91
70) Phenanthrene	17.60	178	23696	2.03	ng		98
72) Carbazole	17.95	167	41541	3.76	ng		97

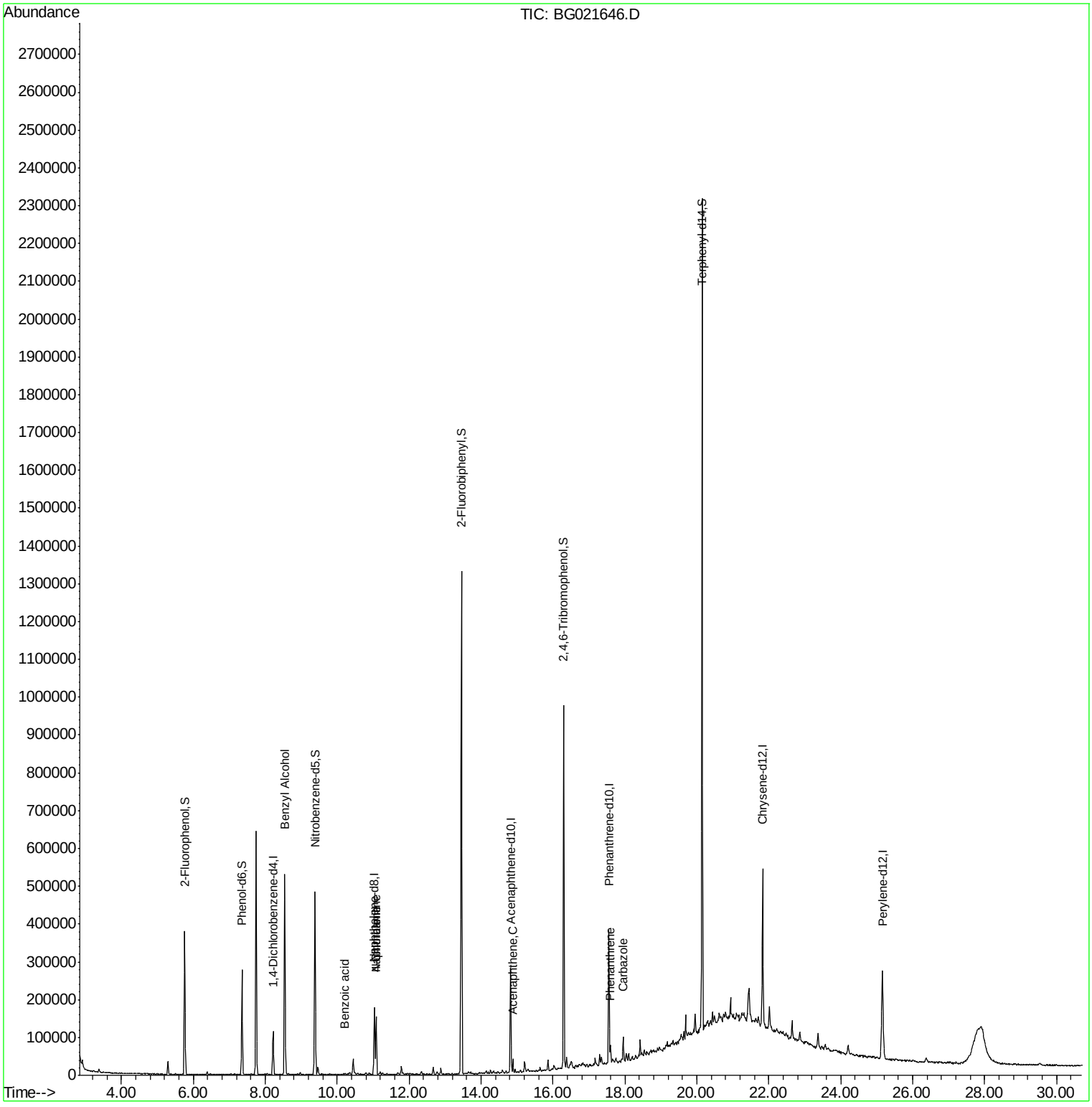
(#) = qualifier out of range (m) = manual integration (+) = signals summed

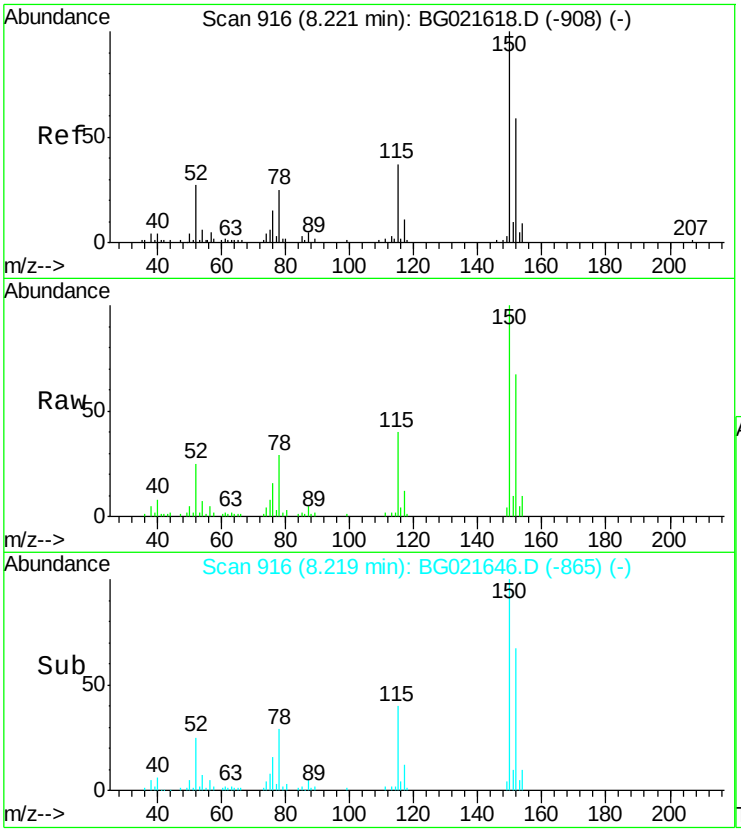
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021646.D
Acq On : 14 Apr 2016 9:32
Operator : UM/SJ
Sample : H2418-01
Misc : LOD 1PPM
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GMW-11

Quant Time: Apr 15 00:49:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



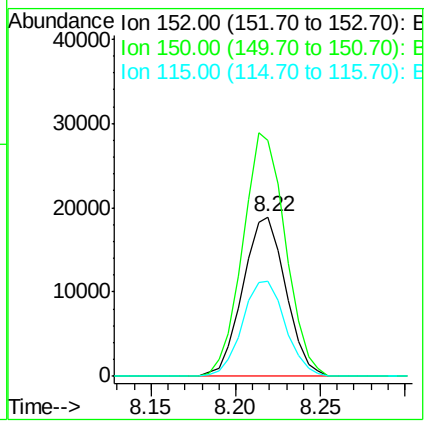


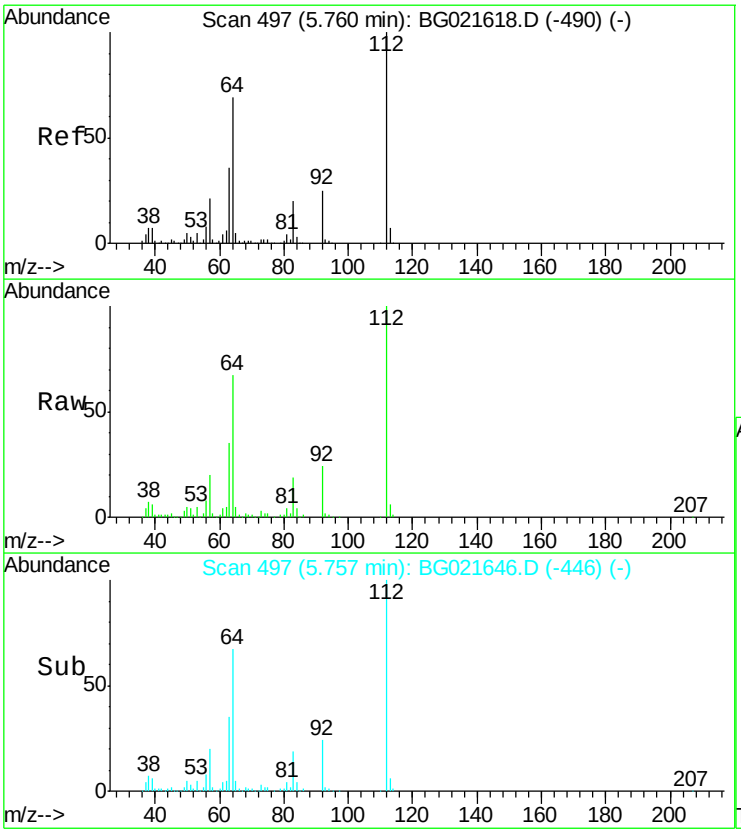
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:152 Resp: 33282

Ion	Ratio	Lower	Upper
152	100		
150	148.2	130.1	195.1
115	59.9	62.2	93.2#

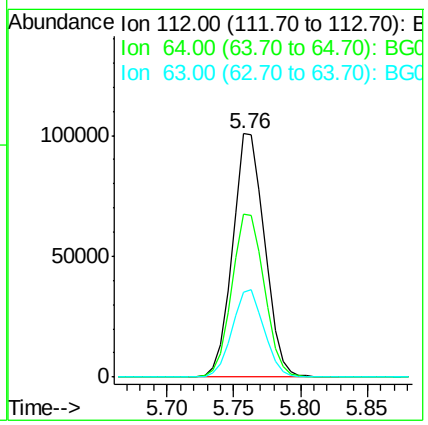


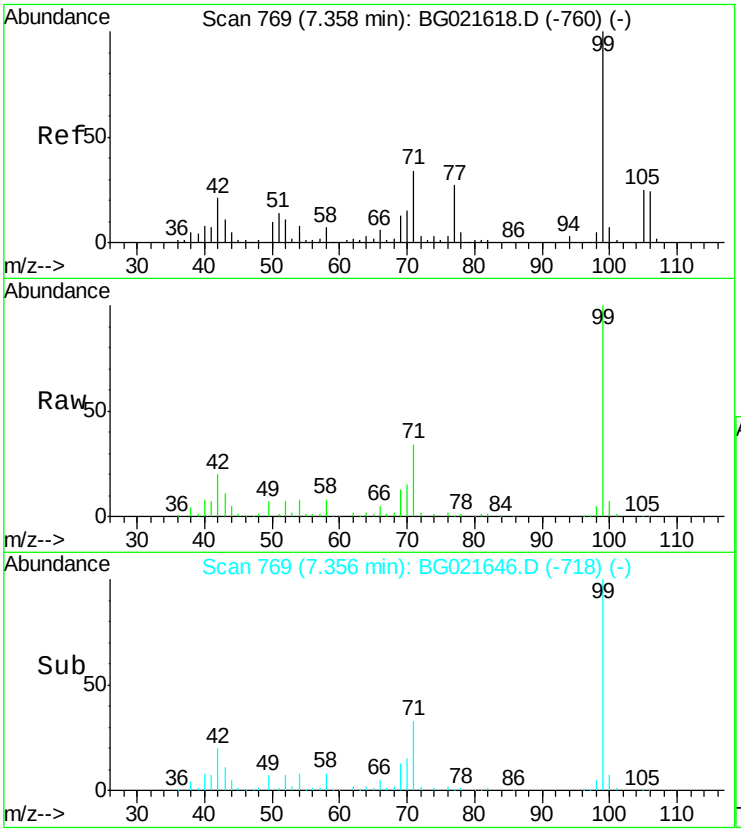


#5
2-Fluorophenol
Concen: 83.82 ng
RT: 5.76 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:112 Resp: 167529

Ion	Ratio	Lower	Upper
112	100		
64	67.2	51.1	76.7
63	34.8	24.6	37.0



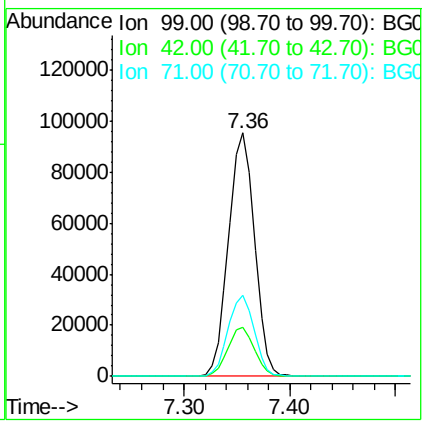


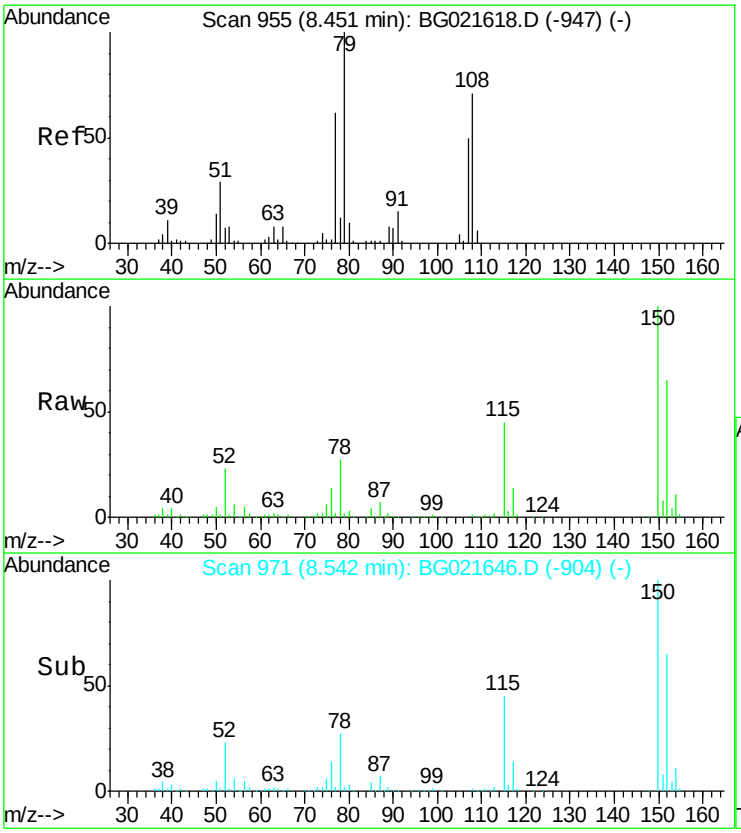
#7
Phenol-d6
Concen: 54.46 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion: 99 Resp: 162581

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.4	24.6
71	33.5	25.0	37.4

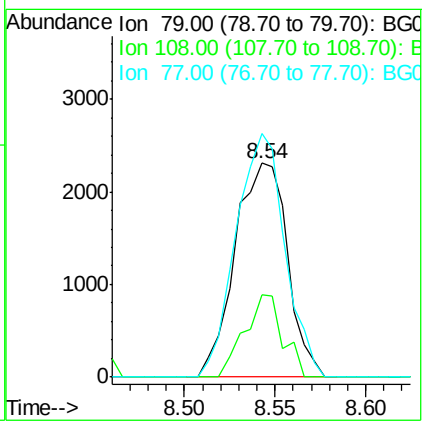


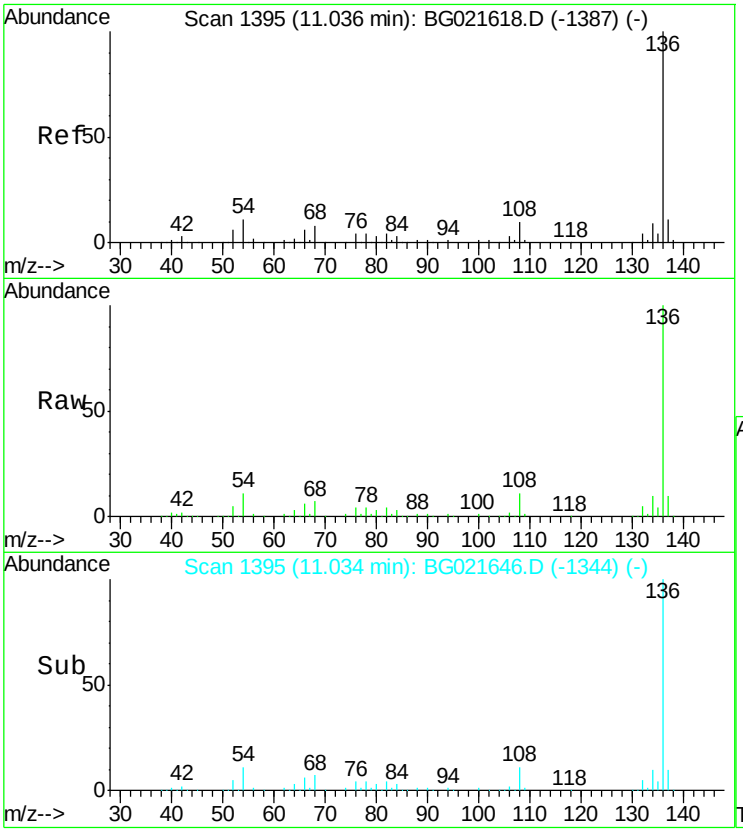


#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 8.54 min Scan# 971
Delta R.T. 0.09 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion: 79 Resp: 4640

Ion	Ratio	Lower	Upper
79	100		
108	38.2	59.4	89.0#
77	113.8	52.2	78.2#



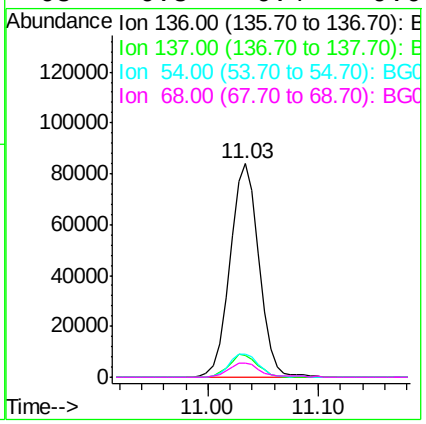


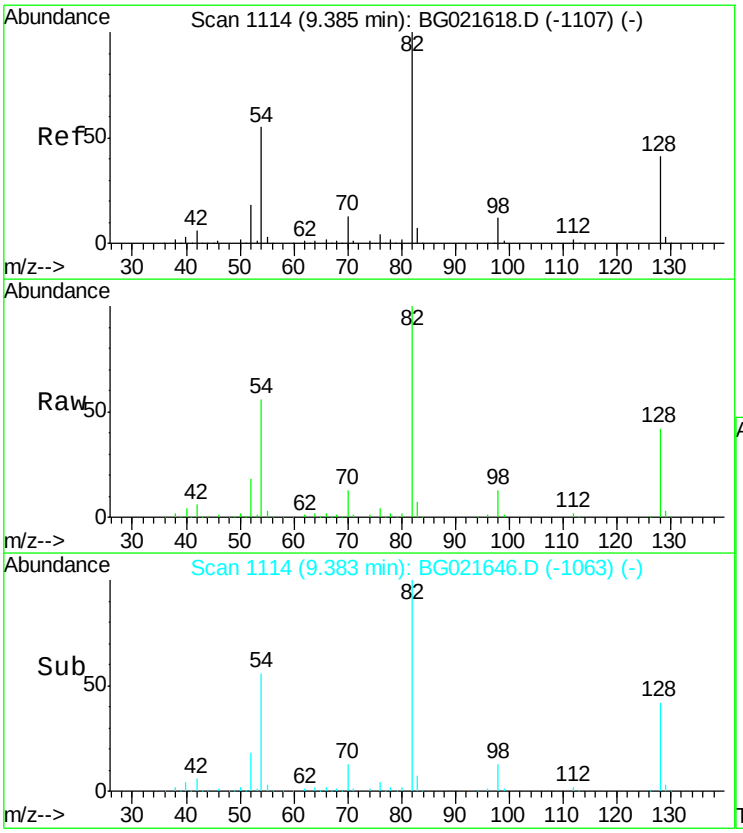
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:136 Resp: 153875

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	10.8	9.6	14.4
68	6.8	6.4	9.6

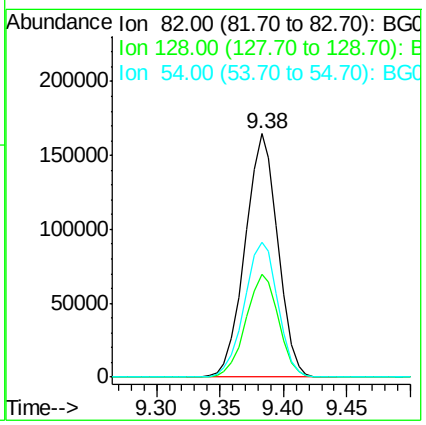


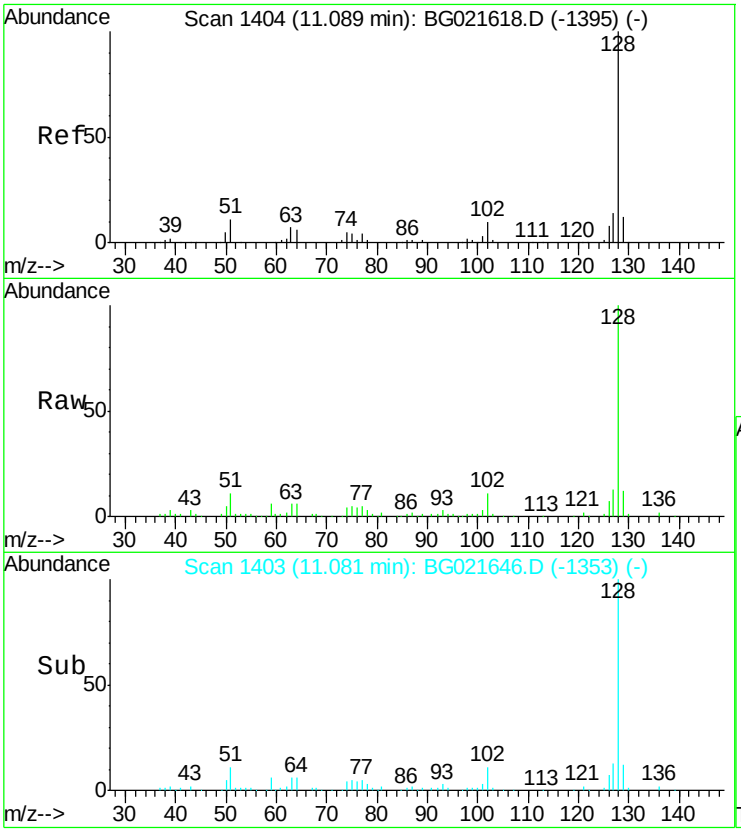


#23
Nitrobenzene-d5
Concen: 98.82 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion: 82 Resp: 295830

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	55.6	46.1	69.1



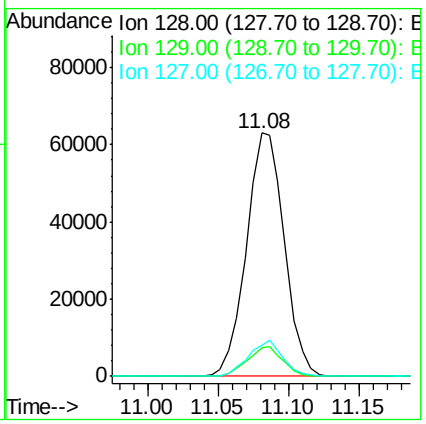


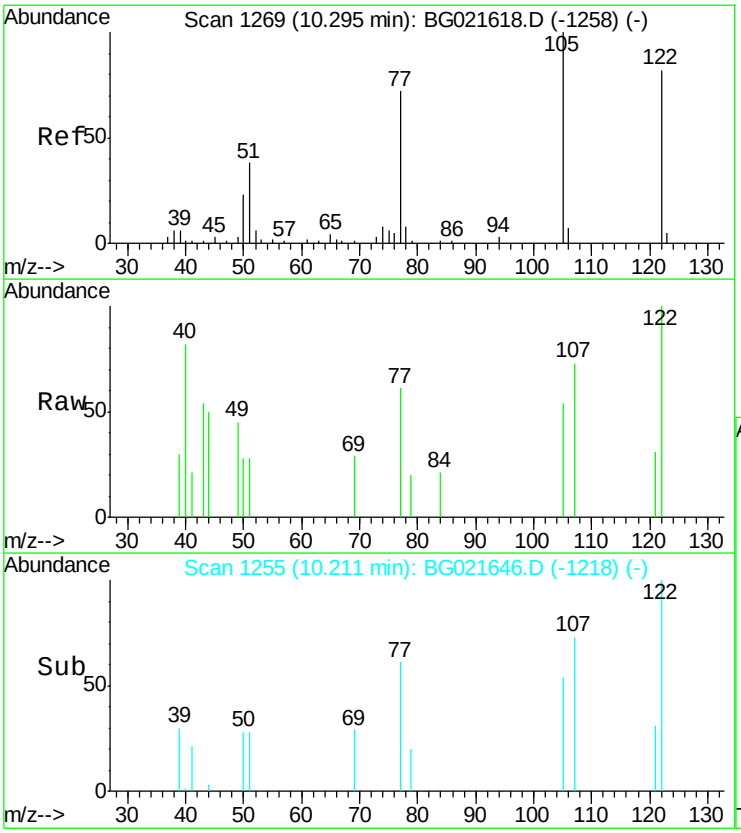
#31
Naphthalene
Concen: 14.37 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:128 Resp: 118304

Ion	Ratio	Lower	Upper
128	100		
129	11.6	7.0	10.6#
127	12.6	10.1	15.1

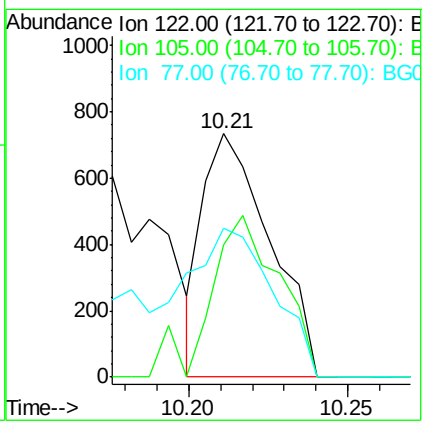


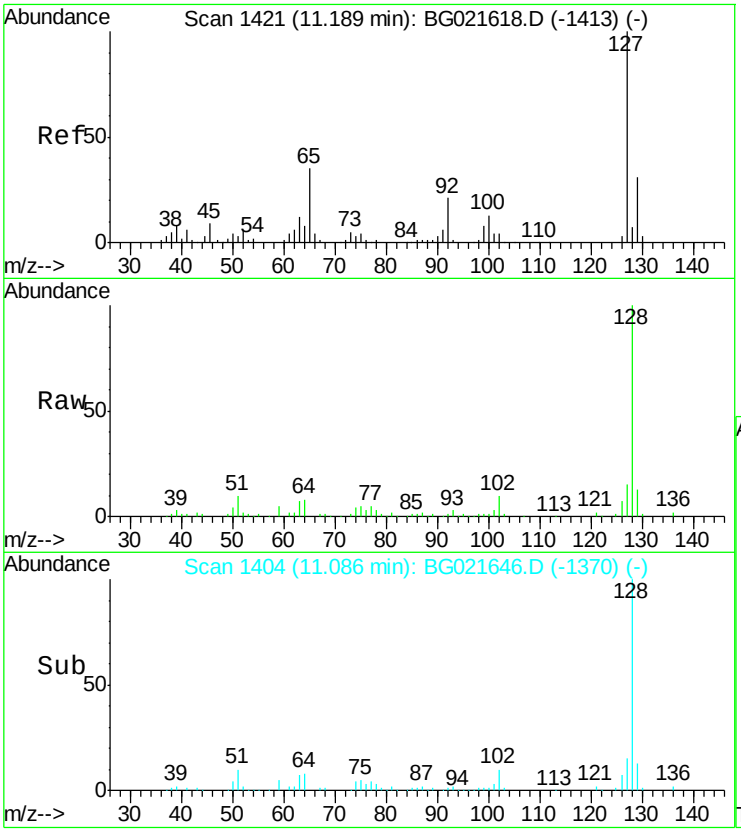


#32
Benzoic acid
Concen: 5.04 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.08 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:122 Resp: 1071

Ion	Ratio	Lower	Upper
122	100		
105	54.4	104.5	144.5#
77	61.4	79.9	119.9#



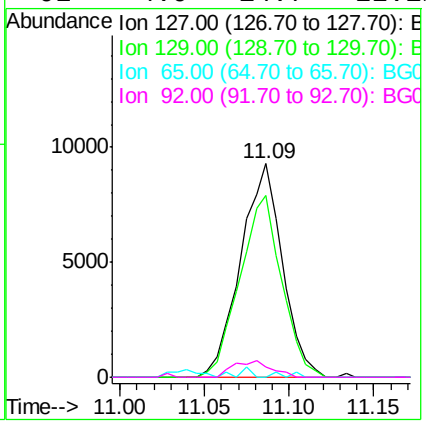


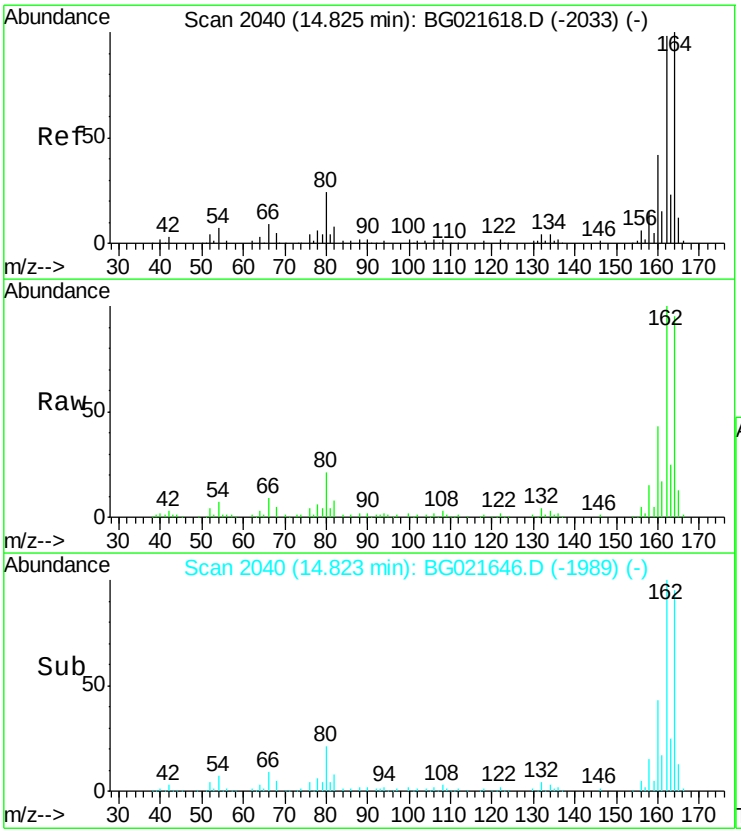
#33
4-Chloroaniline
Concen: 4.47 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.10 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:127 Resp: 15951

Ion	Ratio	Lower	Upper
127	100		
129	84.9	26.6	39.8#
65	0.0	27.5	41.3#
92	4.9	14.7	22.1#

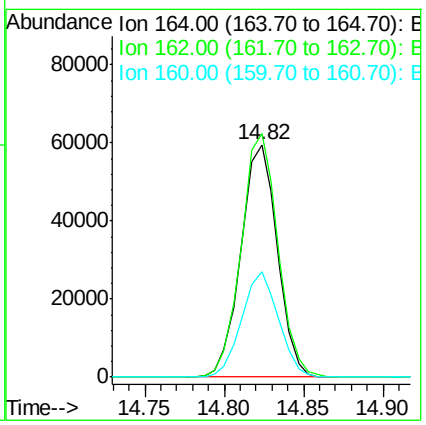


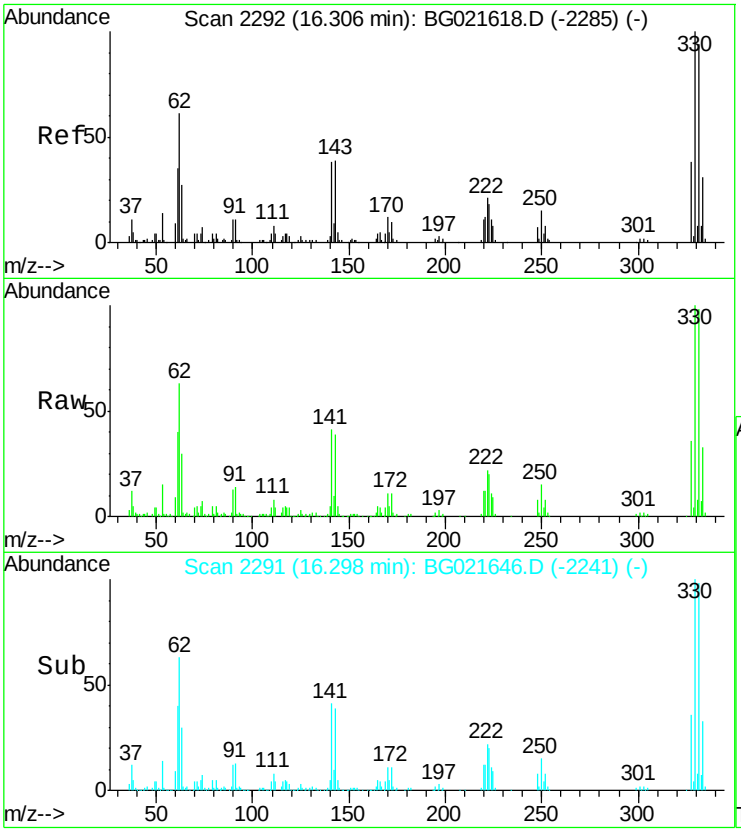


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:164 Resp: 94614

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.0	117.0
160	45.2	32.9	49.3



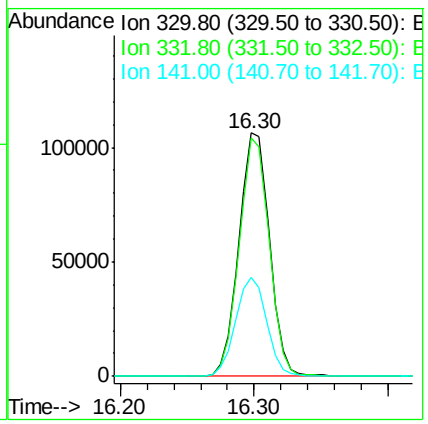


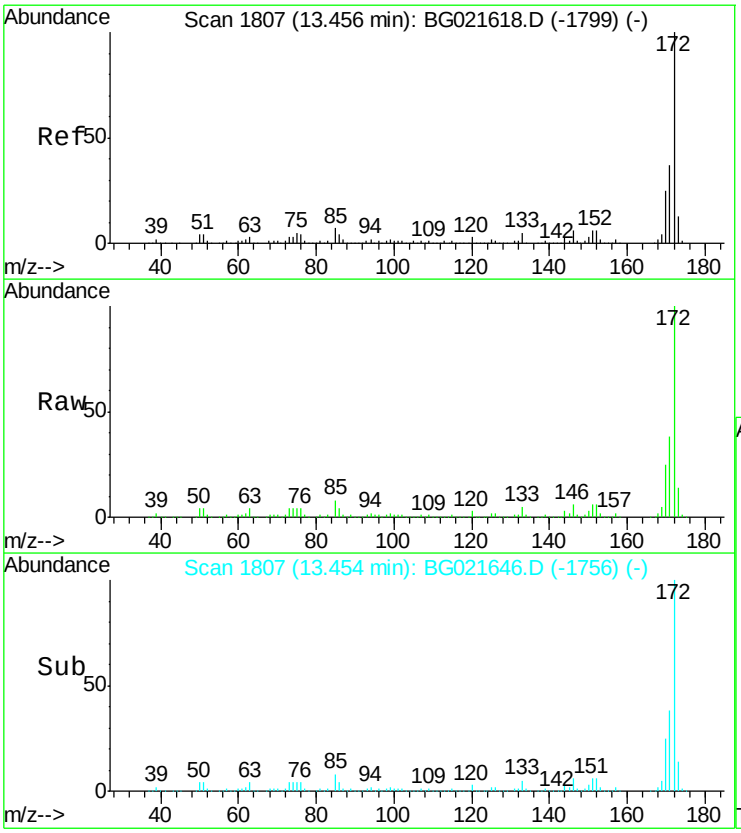
#41
2,4,6-Tribromophenol
Concen: 165.48 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:330 Resp: 168744

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	41.5	33.8	50.8

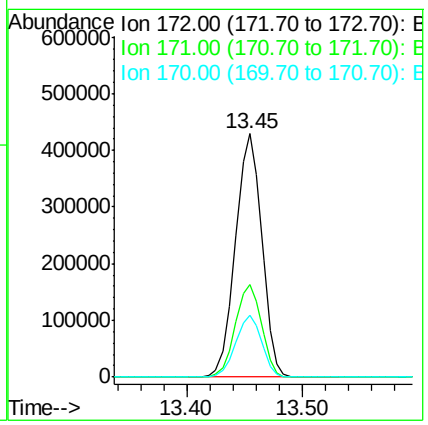


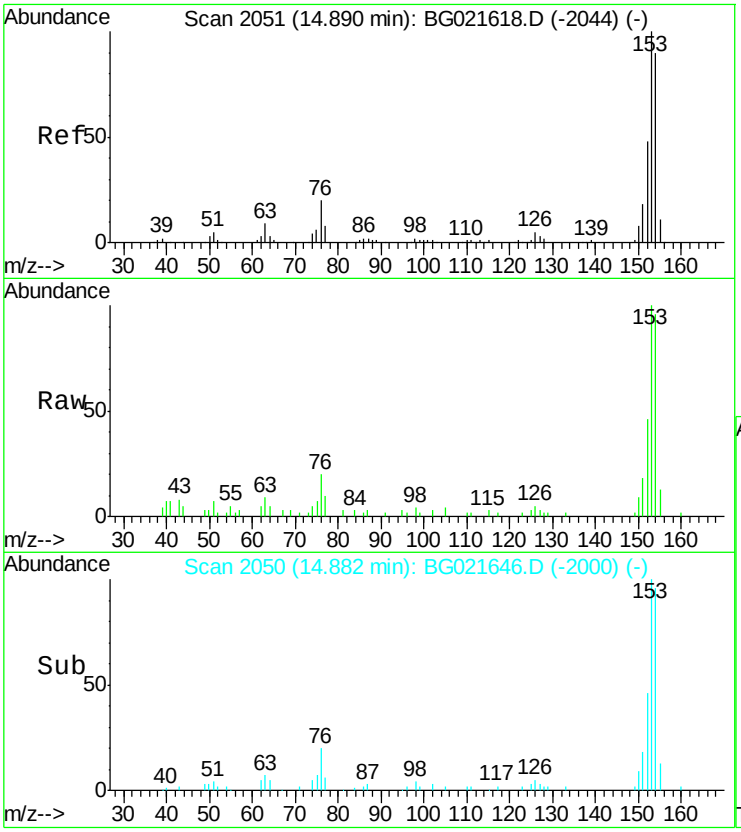


#44
2-Fluorobiphenyl
Concen: 104.78 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:172 Resp: 676644

Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.3	19.6	29.4



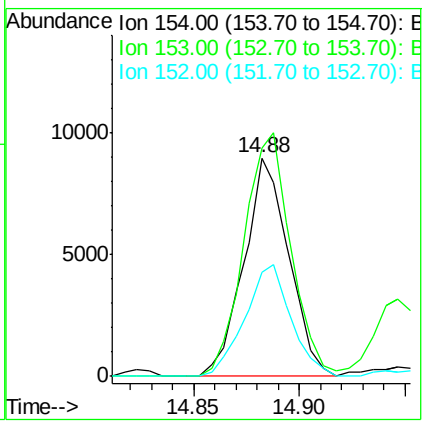


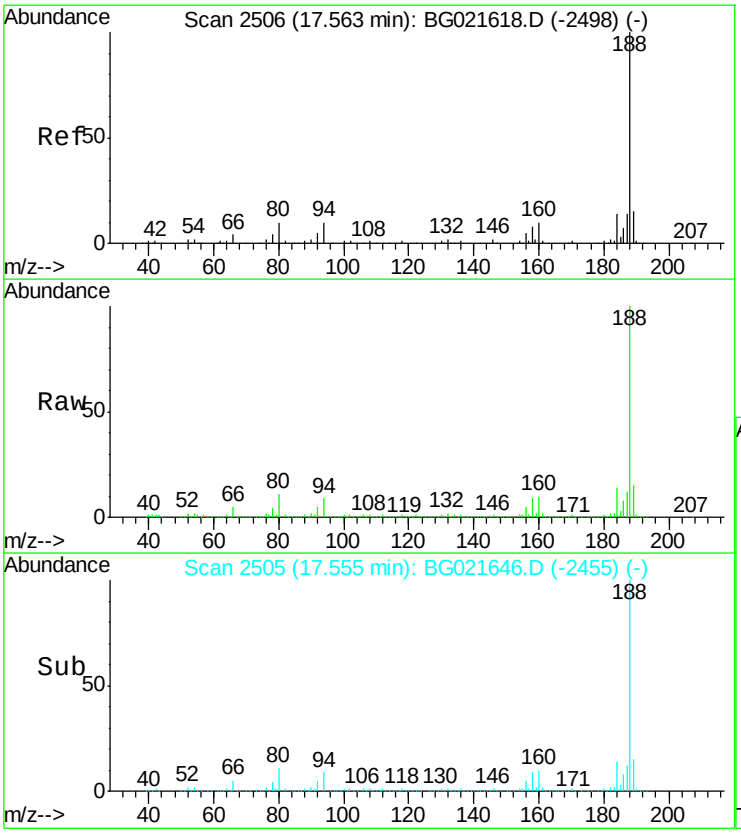
#51
Acenaphthene
Concen: 2.13 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:154 Resp: 13250

Ion	Ratio	Lower	Upper
154	100		
153	104.4	91.9	137.9
152	47.8	42.0	63.0

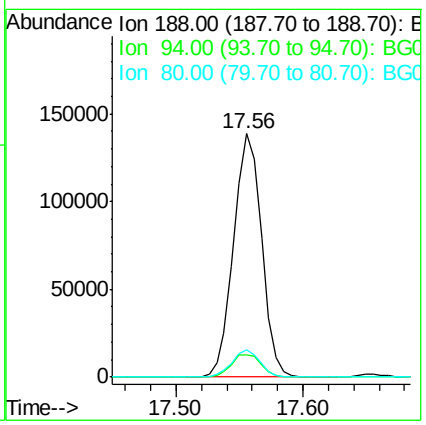


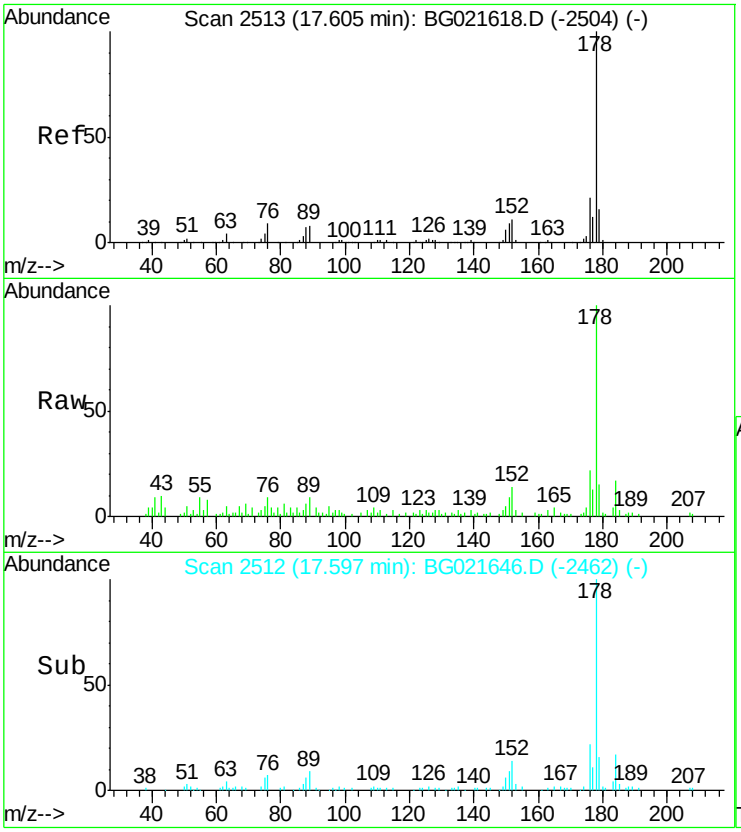


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:188 Resp: 211827

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	11.4	8.6	13.0



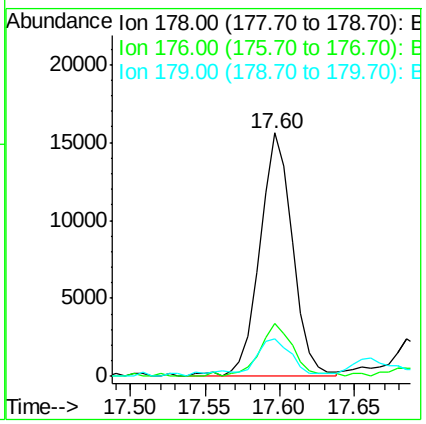


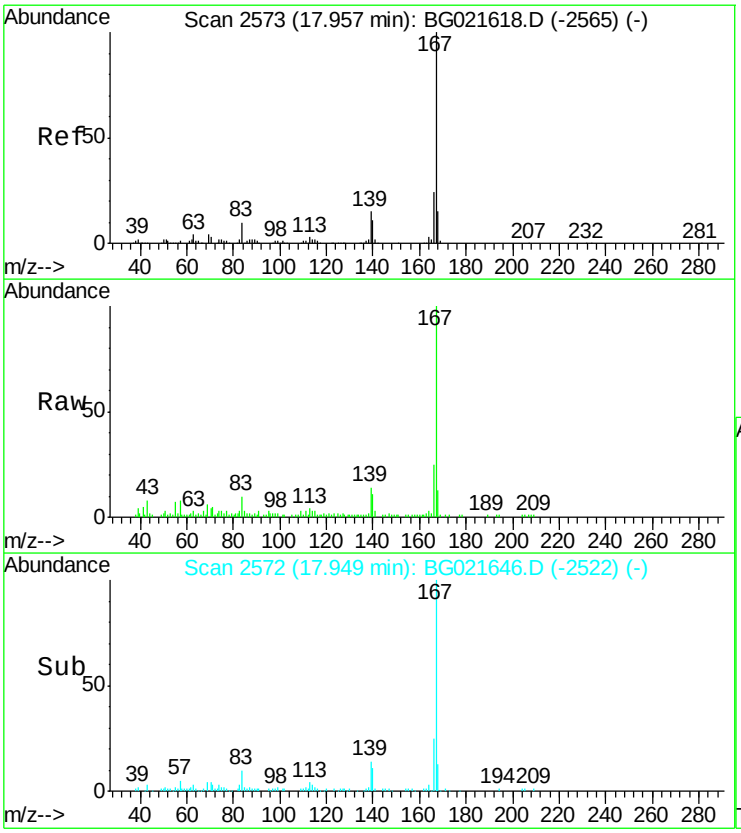
#70
Phenanthrene
Concen: 2.03 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:178 Resp: 23696

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.2	24.4
179	15.3	12.0	18.0

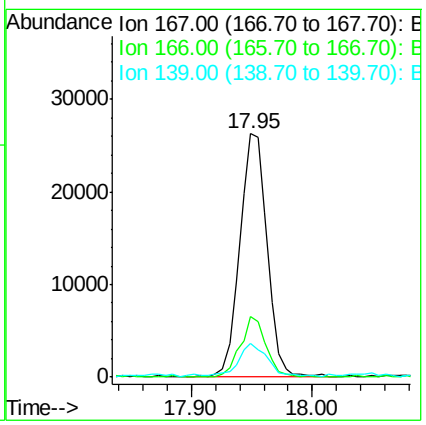


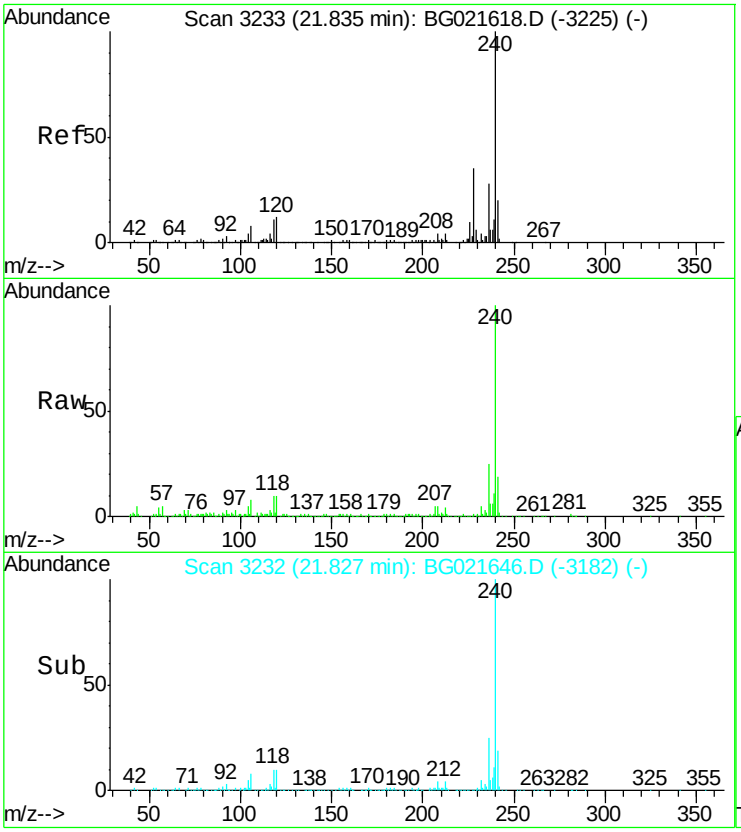


#72
Carbazole
Concen: 3.76 ng
RT: 17.95 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:167 Resp: 41541

Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.6	27.8
139	13.9	10.6	15.8



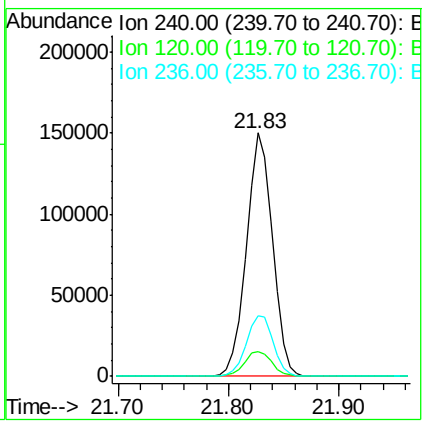


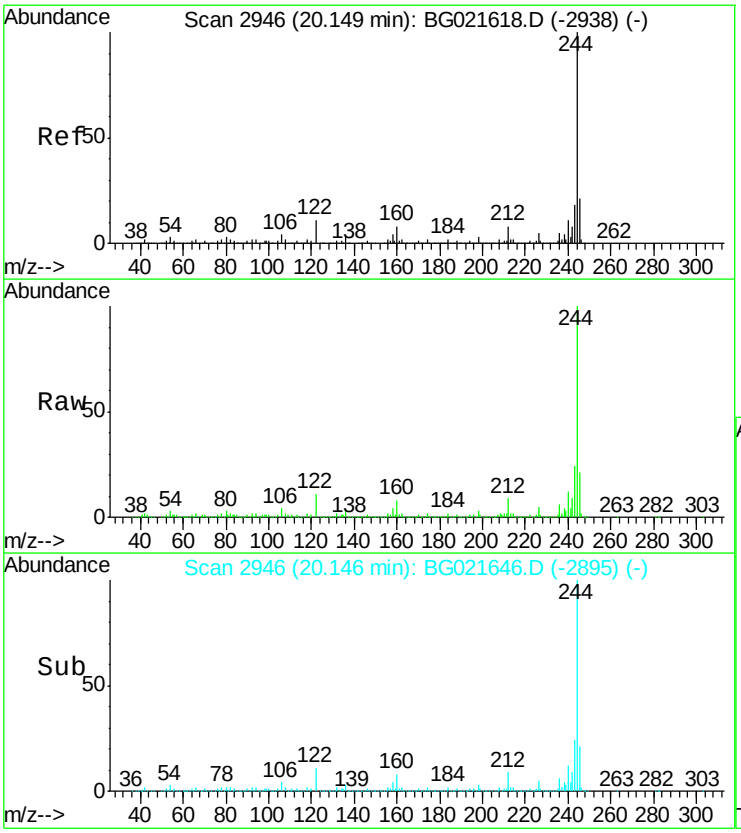
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:240 Resp: 250148

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.1	19.6	29.4

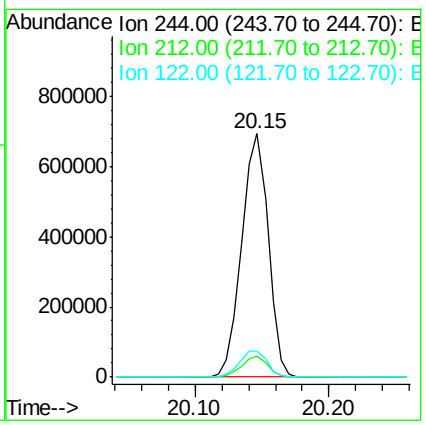


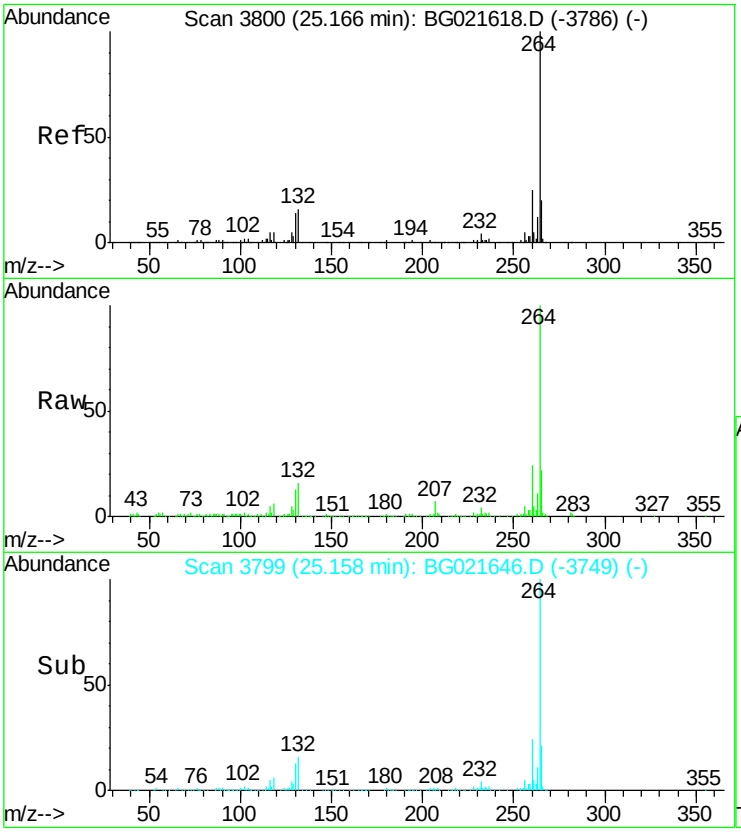


#78
Terphenyl-d14
Concen: 94.64 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Tgt Ion:244 Resp: 948804

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	10.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021646.D
Acq: 14 Apr 2016 9:32

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:264 Resp: 243835

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	21.6	17.8	26.8