Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021653.D
Acq On : 14 Apr 2016 15:18
Operator : UM/SJ
Sample : H2512-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-GW-1

Quant Time: Apr 15 00:51:32 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	33199	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	143807	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88209	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	210322	20.00	ng	0.00
75) Chrysene-d12	21.82	240	252402	20.00	ng	-0.01
86) Perylene-d12	25.16	264	241937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	136235	68.34	ng	0.00
7) Phenol-d6	7.36	99	120408	40.43	ng	0.00
23) Nitrobenzene-d5	9.39	82	274640	98.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	147205	154.84	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	615105	102.17	ng	0.00
78) Terphenyl-d14	20.14	244	844897	83.53	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.33	117	2550	2.58	ng	# 48
22) Acetophenone	9.02	105	8229	2.05	ng	# 54
32) Benzoic acid	10.23	122	57	4.31	ng	# 1
49) Dimethylphthalate	14.27	163	16908	2.22	ng	# 97
55) 4-Nitrophenol	15.02	139	3881	2.81	ng	# 30
57) Fluorene	15.86	166	15672	2.21	ng	# 87
64) 4,6-Dinitro-2-methylphenol	16.12	198	62	5.46	ng	# 1
70) Phenanthrene	17.60	178	30541	2.63	ng	# 93
71) Anthracene	17.60	178	30541	2.60	ng	96

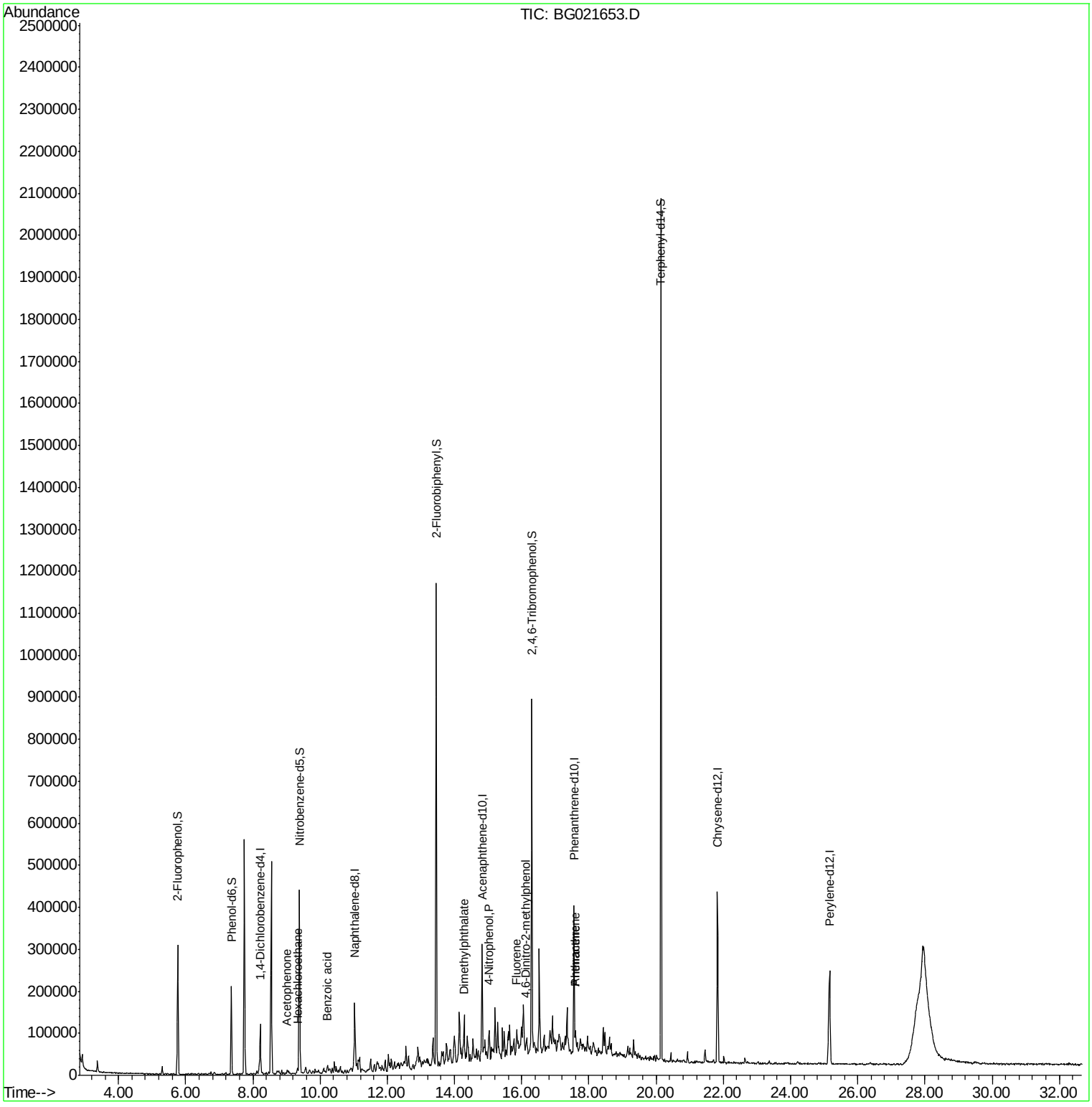
(#) = qualifier out of range (m) = manual integration (+) = signals summed

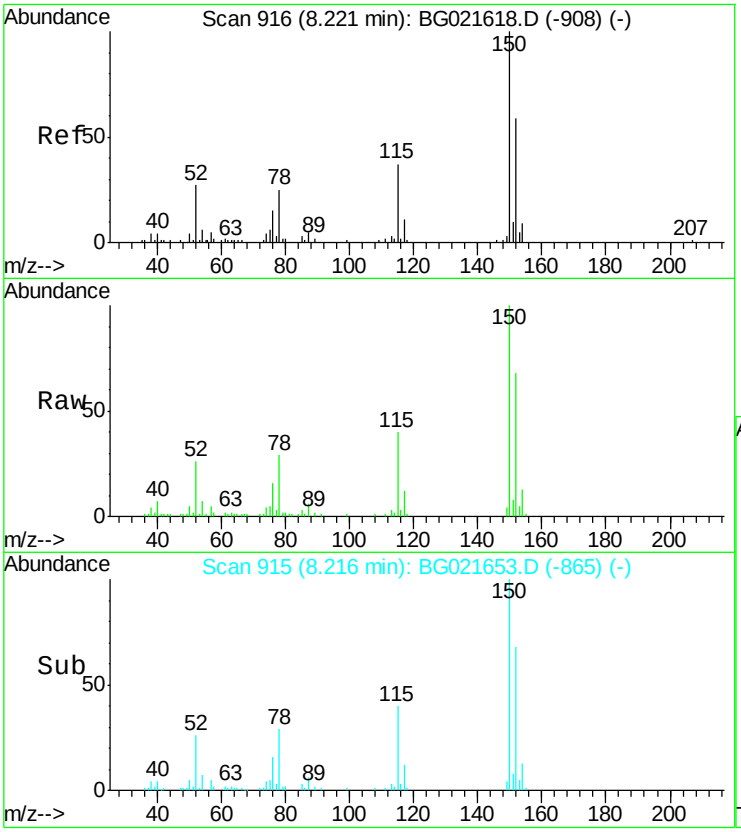
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021653.D
Acq On : 14 Apr 2016 15:18
Operator : UM/SJ
Sample : H2512-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Quant Time: Apr 15 00:51:32 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



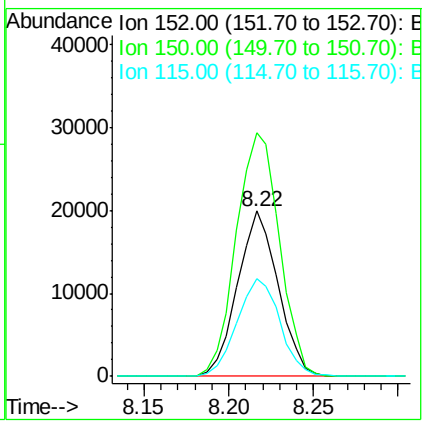


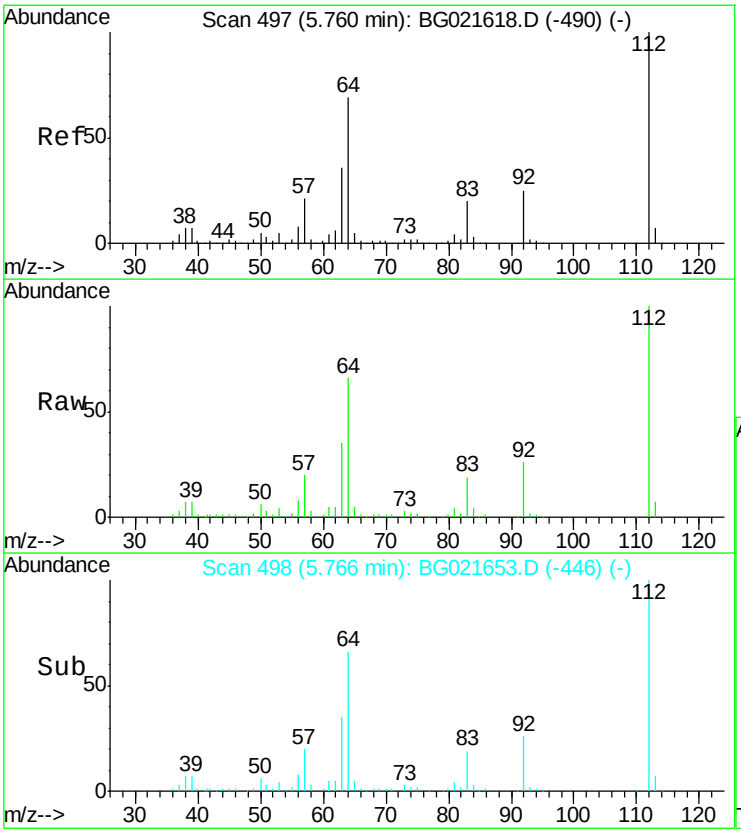
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:152 Resp: 33199

Ion	Ratio	Lower	Upper
152	100		
150	147.4	130.1	195.1
115	59.4	62.2	93.2#

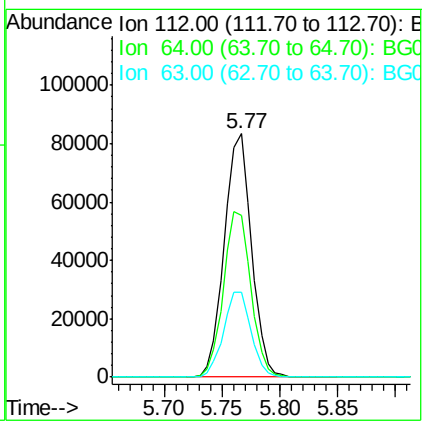


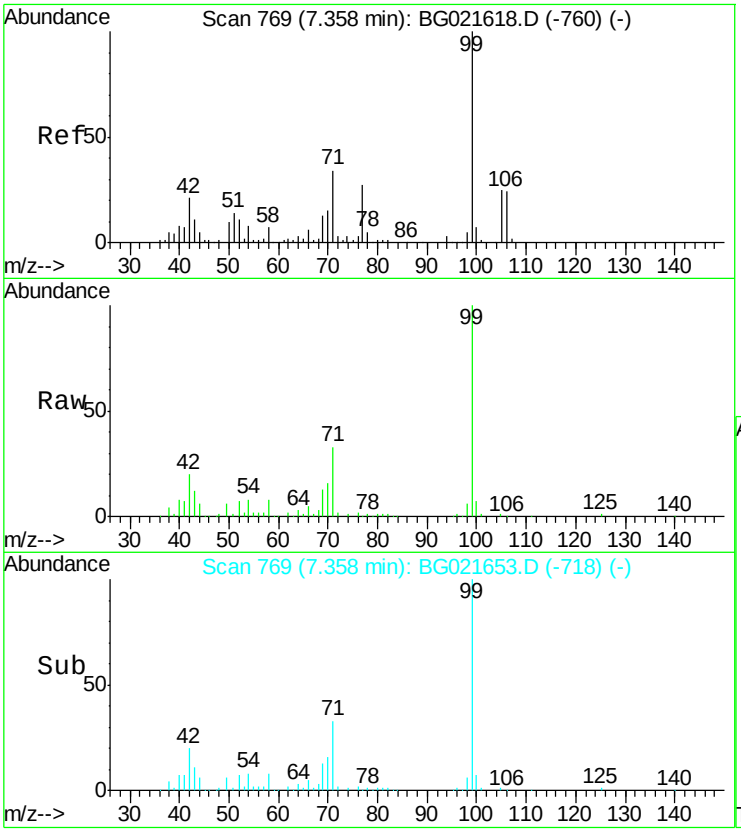


#5
2-Fluorophenol
Concen: 68.34 ng
RT: 5.77 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:112 Resp: 136235

Ion	Ratio	Lower	Upper
112	100		
64	66.2	51.1	76.7
63	35.1	24.6	37.0



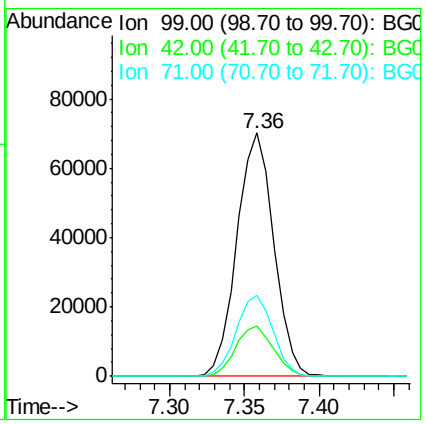


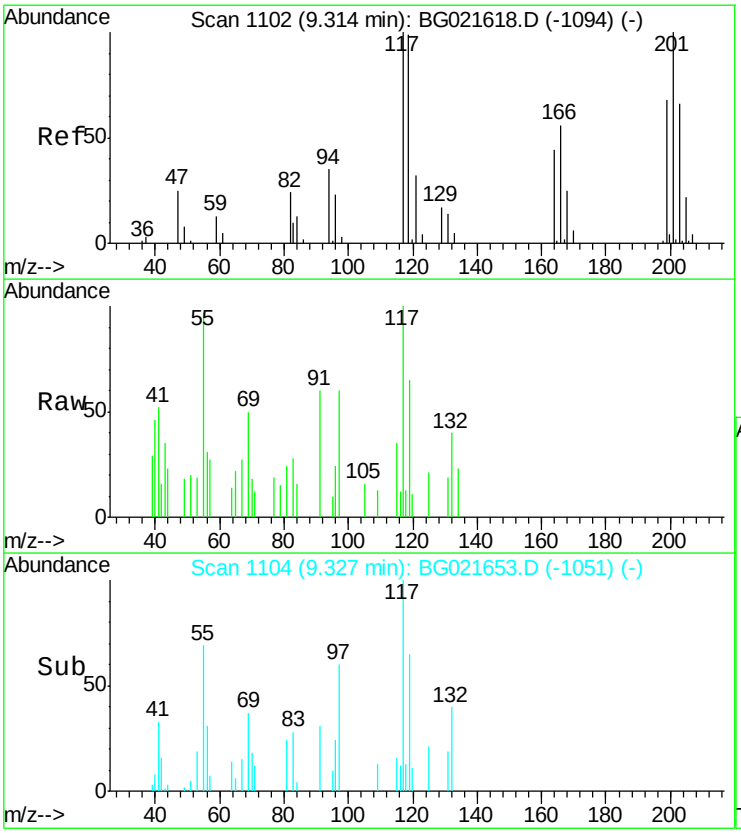
#7
Phenol-d6
Concen: 40.43 ng
RT: 7.36 min Scan# 769
Delta R.T. 0.00 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion: 99 Resp: 120408

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.4	24.6
71	33.5	25.0	37.4

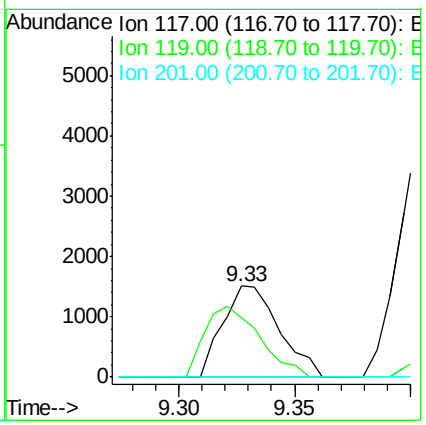


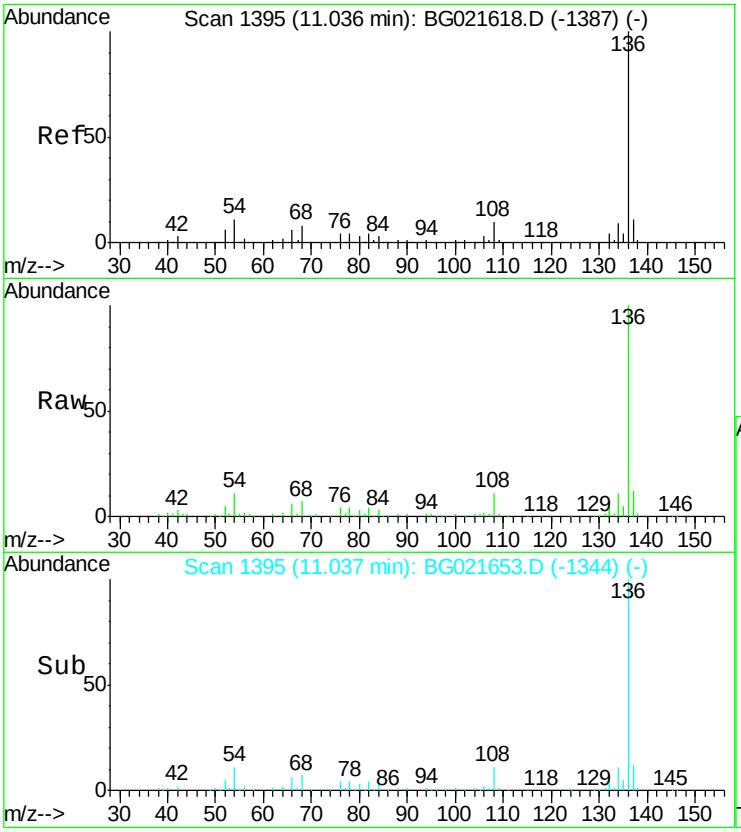


#18
Hexachloroethane
Concen: 2.58 ng
RT: 9.33 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:117 Resp: 2550

Ion	Ratio	Lower	Upper
117	100		
119	64.7	63.9	95.9
201	0.0	61.2	91.8#



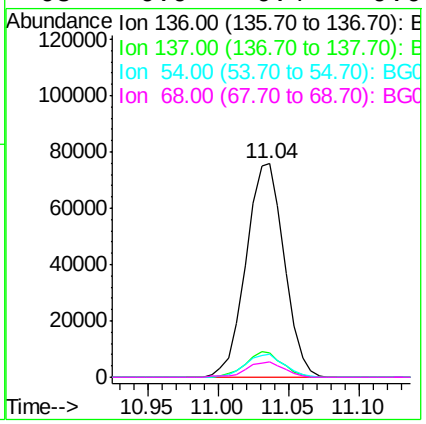


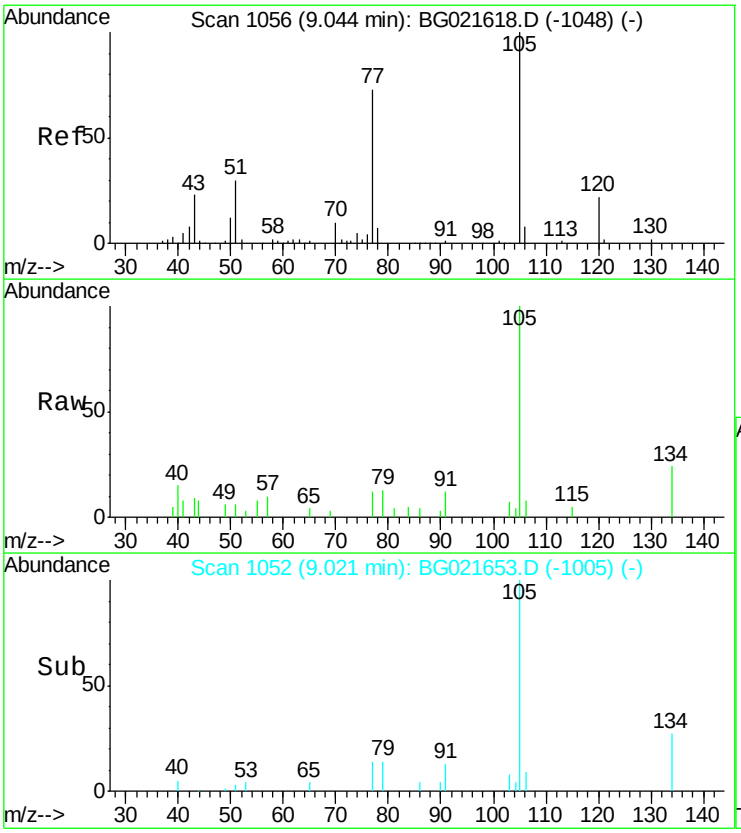
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:136 Resp: 143807

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	10.8	9.6	14.4
68	6.9	6.4	9.6

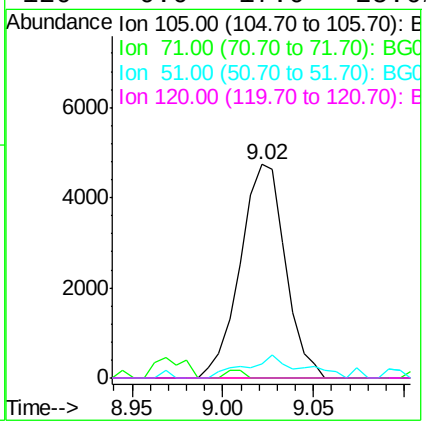


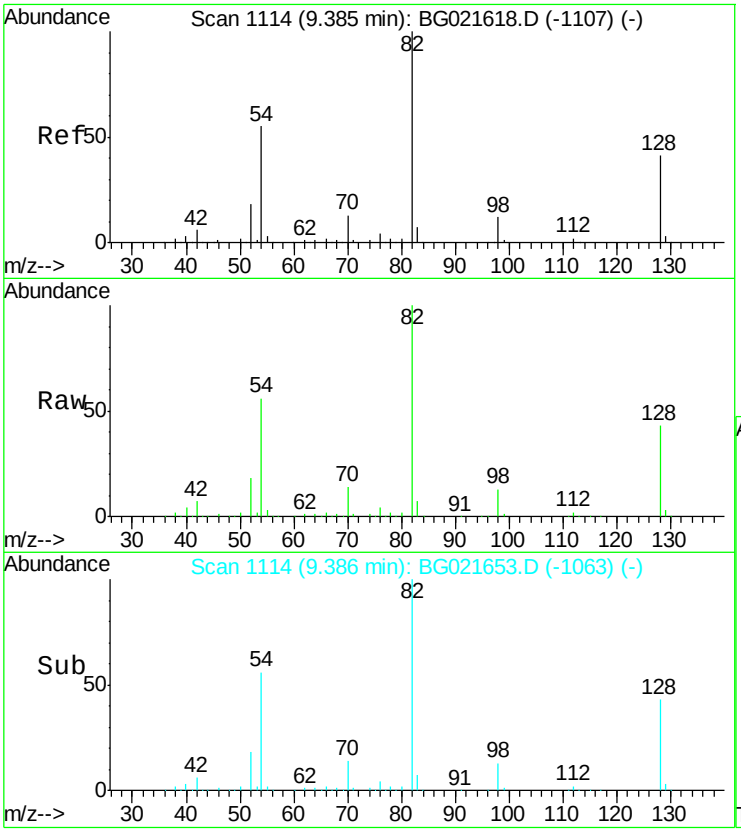


#22
Acetophenone
Concen: 2.05 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:105 Resp: 8229

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	6.4	25.7	38.5#
120	0.0	17.0	25.6#



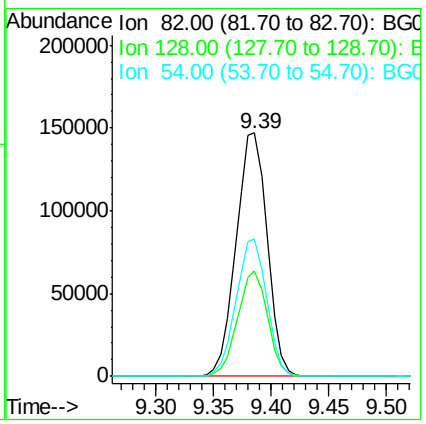


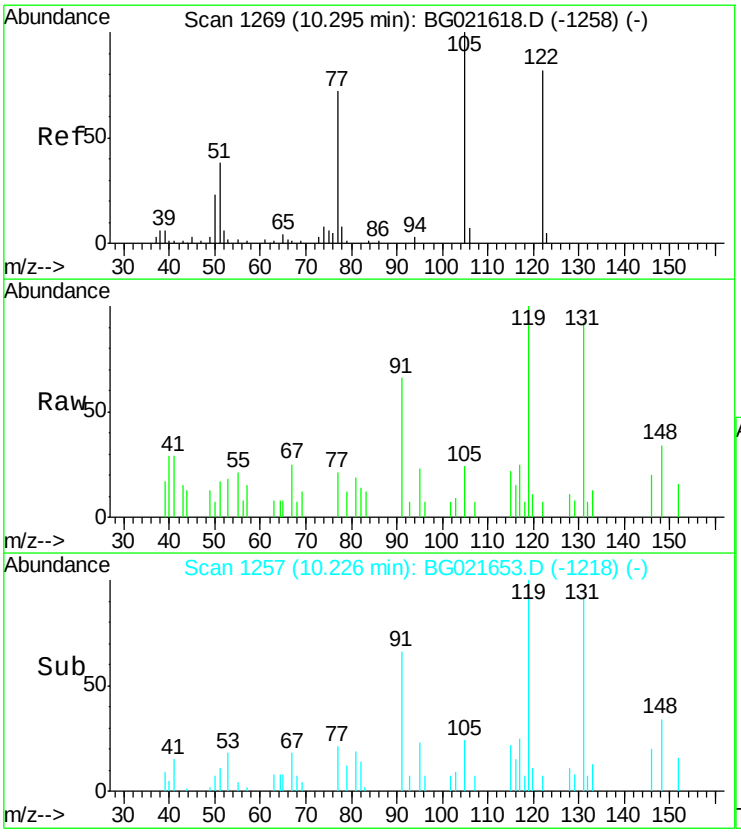
#23
Nitrobenzene-d5
Concen: 98.16 ng
RT: 9.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion: 82 Resp: 274640

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.0
54	56.2	46.1	69.1

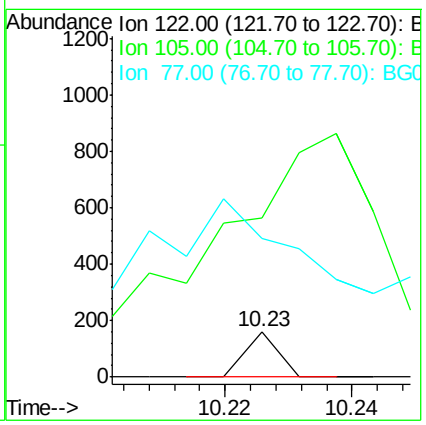


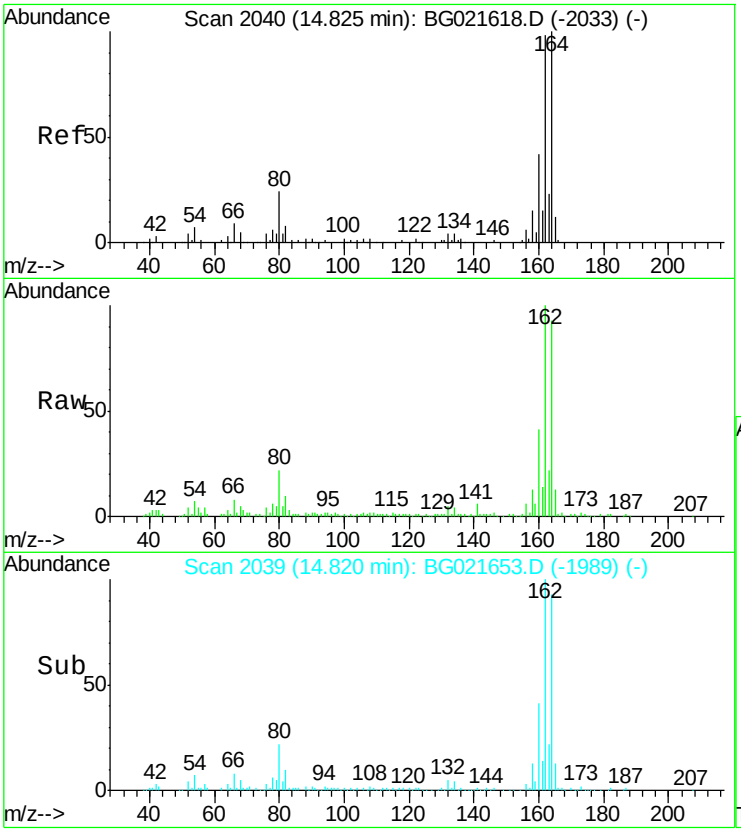


#32
Benzoic acid
Concen: 4.31 ng
RT: 10.23 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	348.8	104.5	144.5#
77	304.3	79.9	119.9#



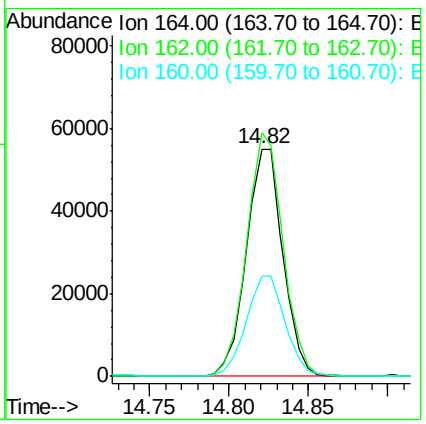


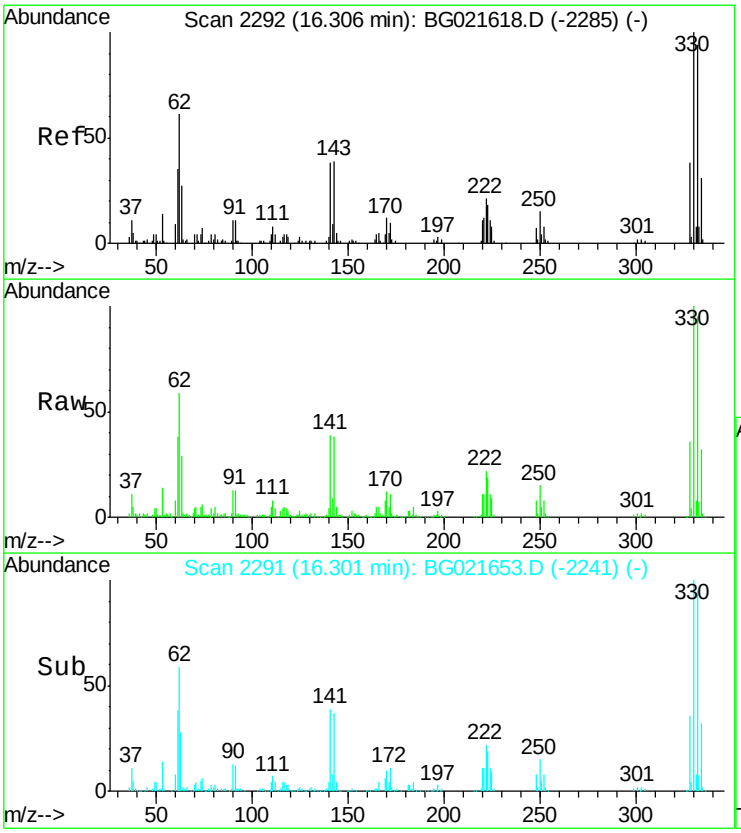
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:164 Resp: 88209

Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.0	117.0
160	44.1	32.9	49.3

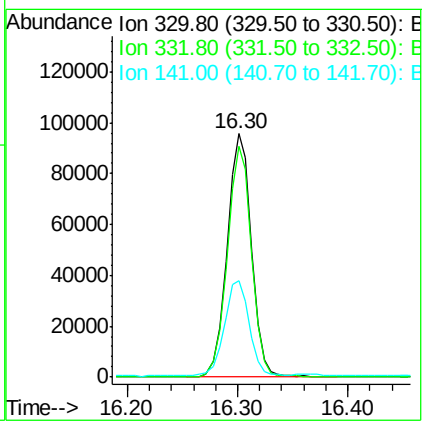


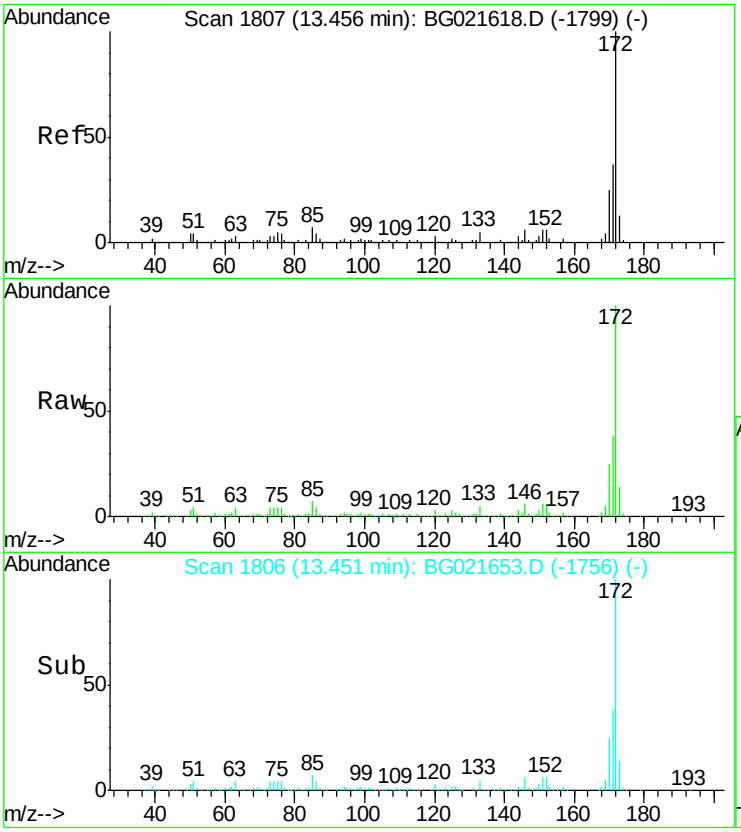


#41
2,4,6-Tribromophenol
Concen: 154.84 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:330 Resp: 147205

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.0	117.0
141	40.4	33.8	50.8



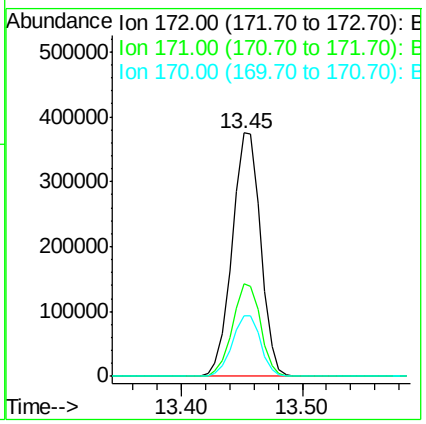


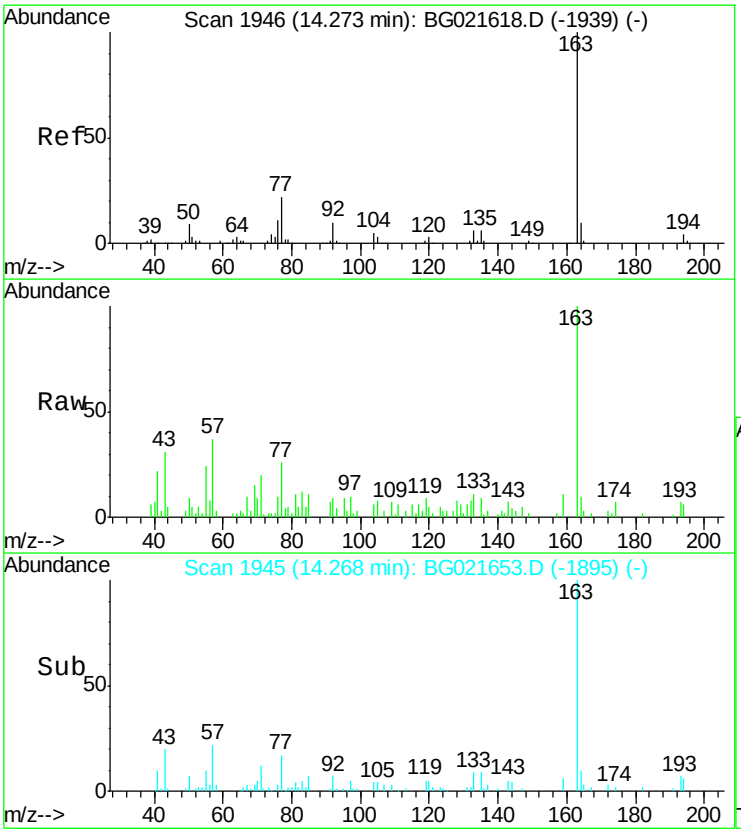
#44
2-Fluorobiphenyl
Concen: 102.17 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:172 Resp: 615105

Ion	Ratio	Lower	Upper
172	100		
171	37.8	27.8	41.6
170	25.1	19.6	29.4

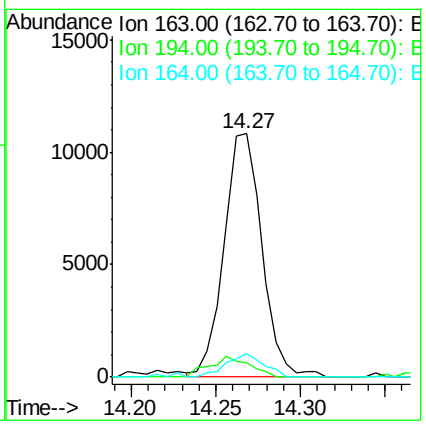


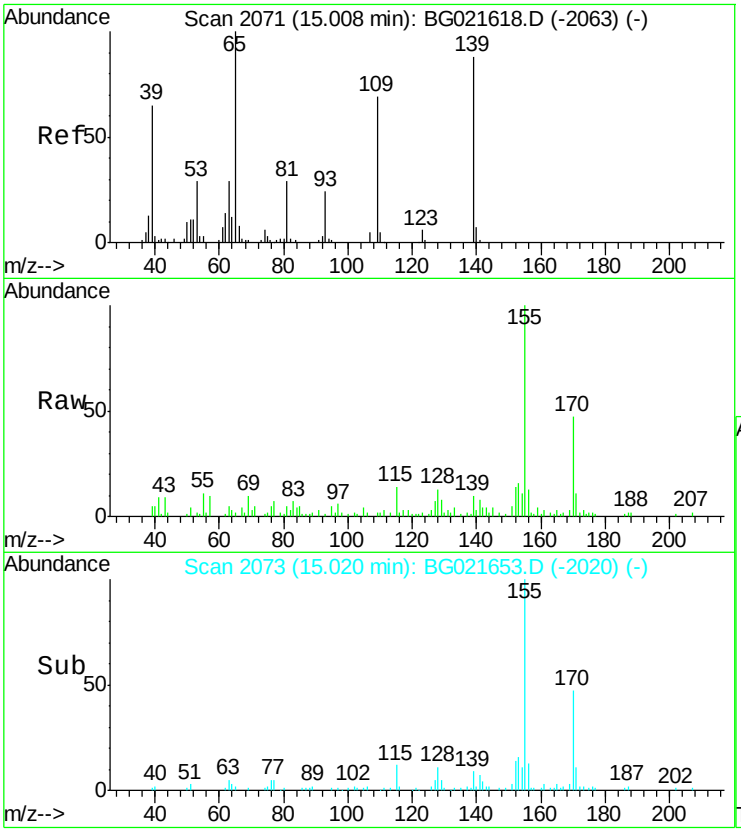


#49
Dimethylphthalate
Concen: 2.22 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:163 Resp: 16908

Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.0	4.6#
164	9.6	8.1	12.1



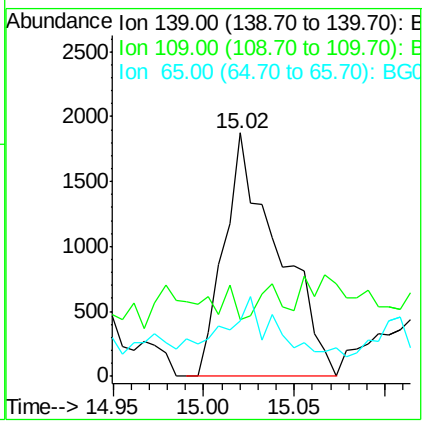


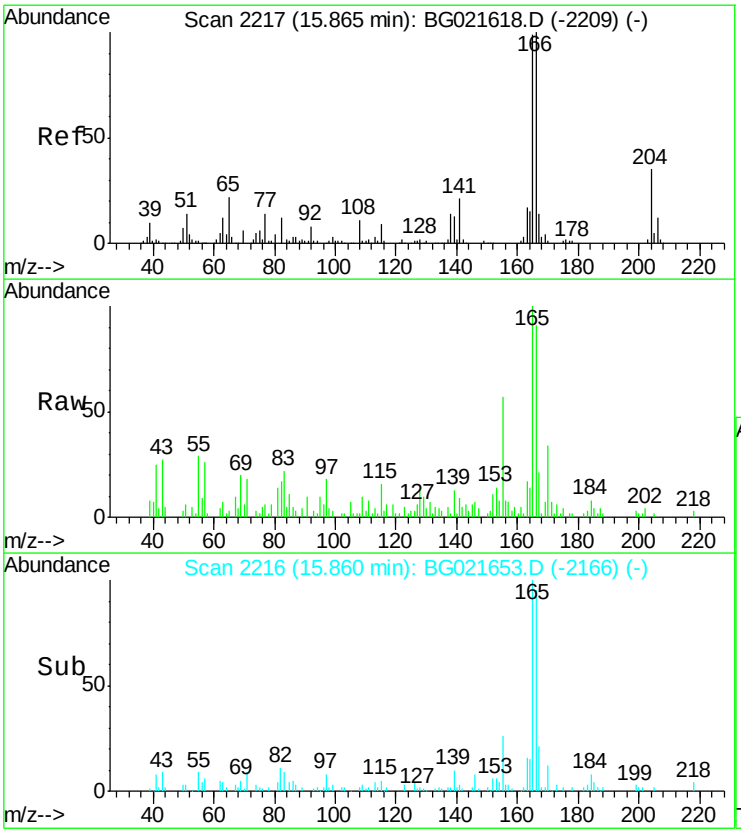
#55
4-Nitrophenol
Concen: 2.81 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:139 Resp: 3881

Ion	Ratio	Lower	Upper
139	100		
109	23.2	49.2	89.2#
65	22.7	83.2	123.2#

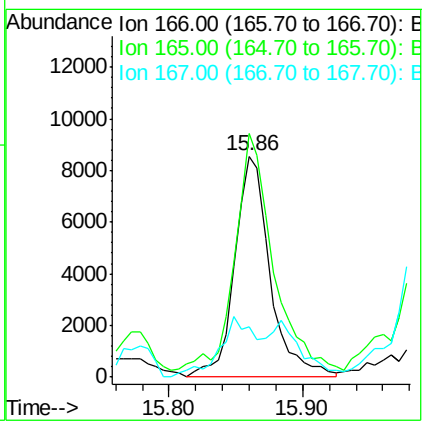


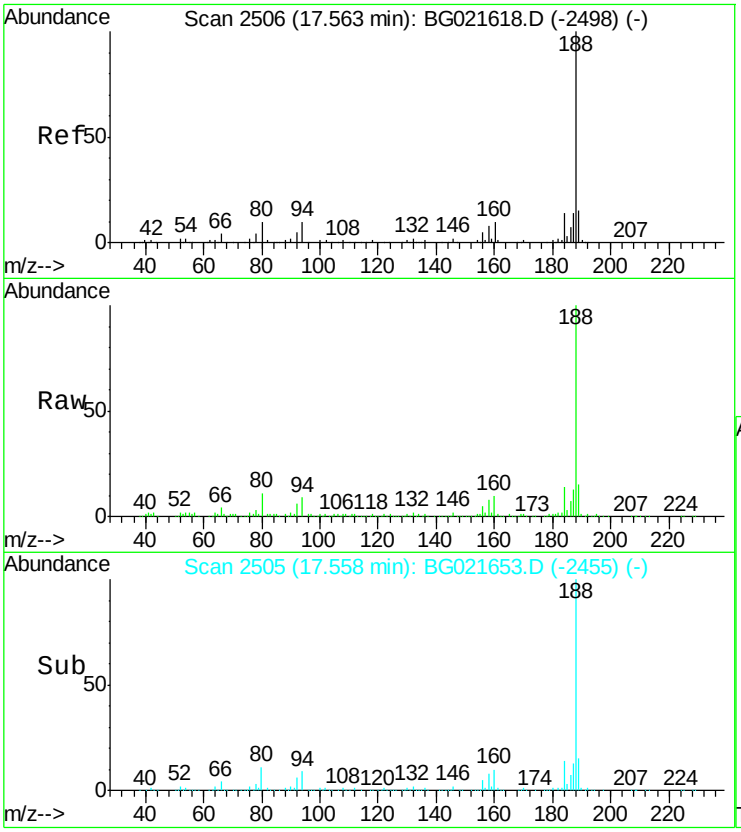


#57
Fluorene
Concen: 2.21 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:166 Resp: 15672

Ion	Ratio	Lower	Upper
166	100		
165	110.1	79.0	118.4
167	22.6	10.7	16.1#



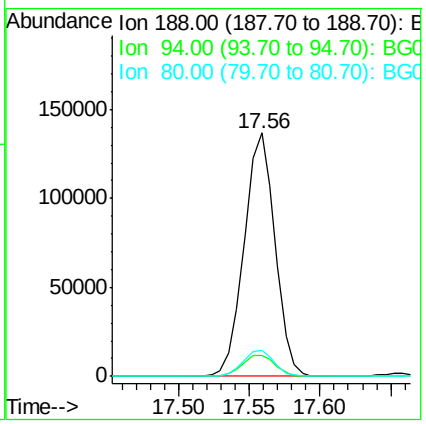


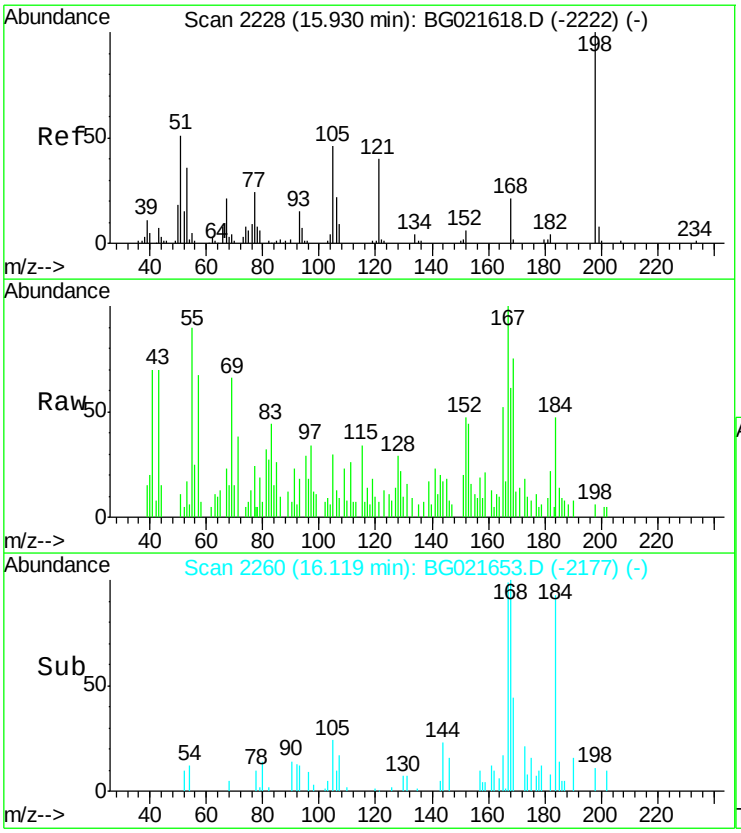
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:188 Resp: 210322

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.7	8.6	13.0

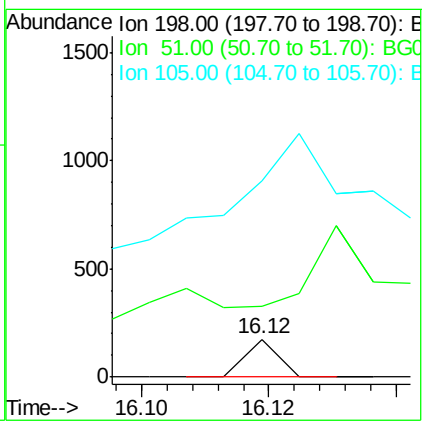


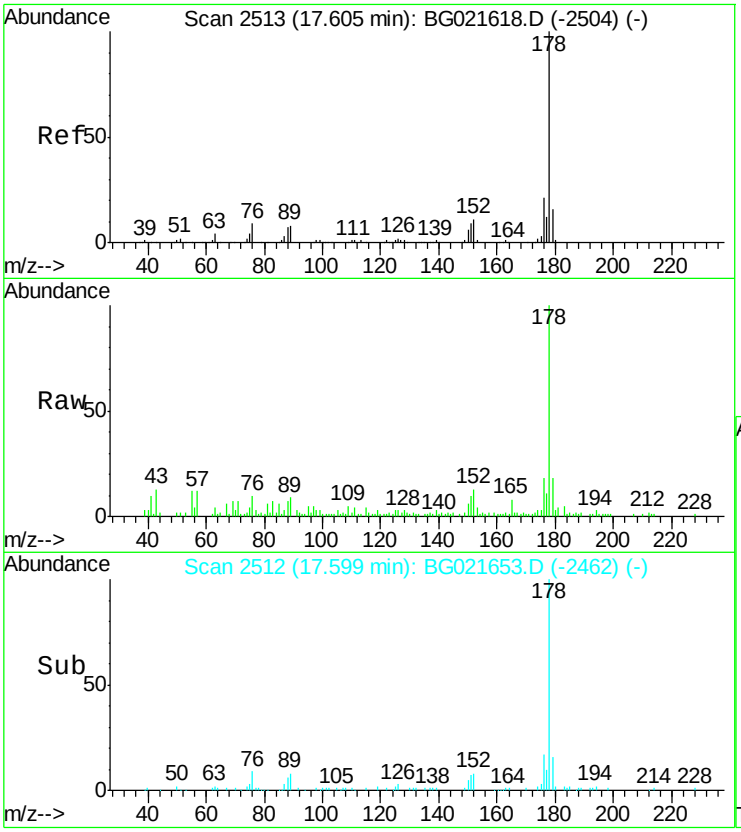


#64
4,6-Dinitro-2-methylphenol
Concen: 5.46 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.19 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:198 Resp: 62

Ion	Ratio	Lower	Upper
198	100		
51	185.8	29.2	69.2#
105	516.5	24.0	64.0#



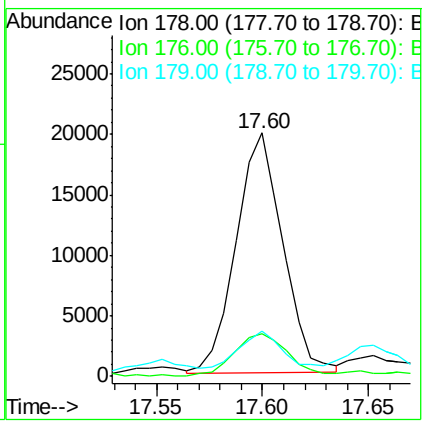


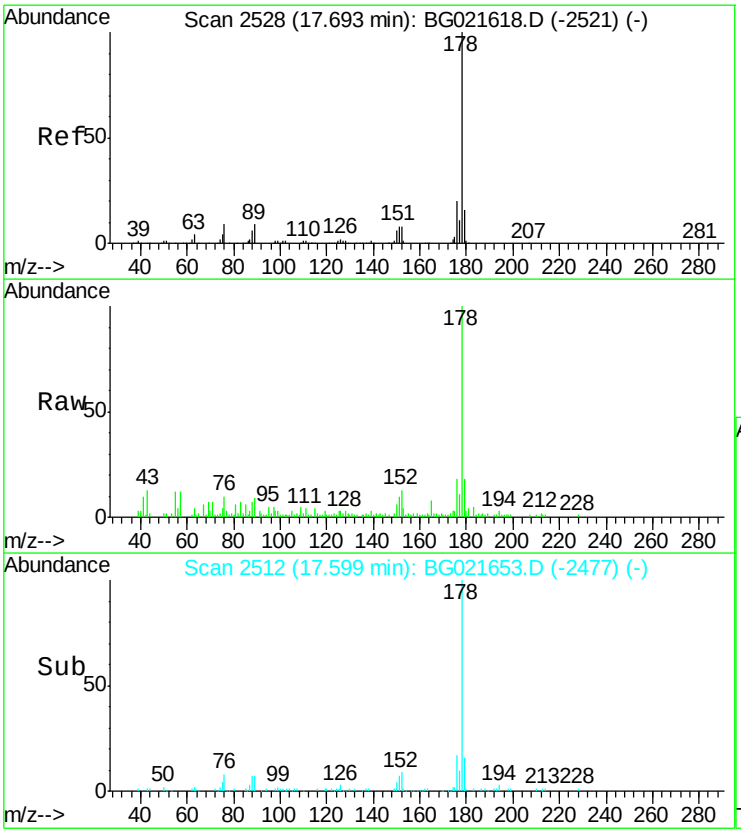
#70
Phenanthrene
Concen: 2.63 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:178 Resp: 30541

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	18.3	12.0	18.0#

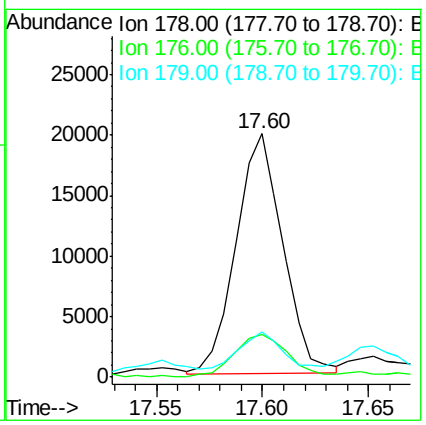


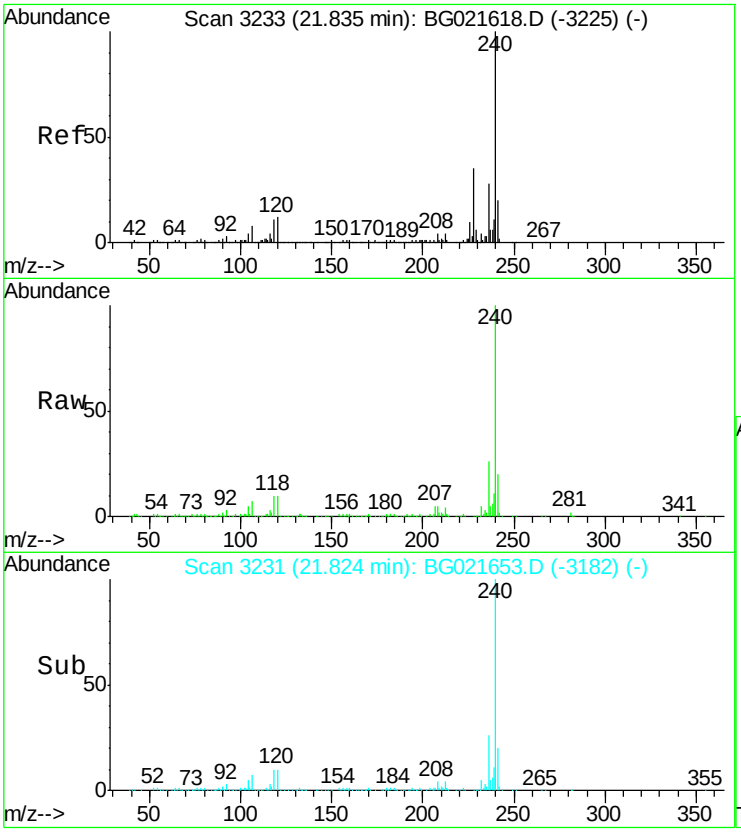


#71
Anthracene
Concen: 2.60 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.09 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:178 Resp: 30541

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	18.3	12.2	18.4



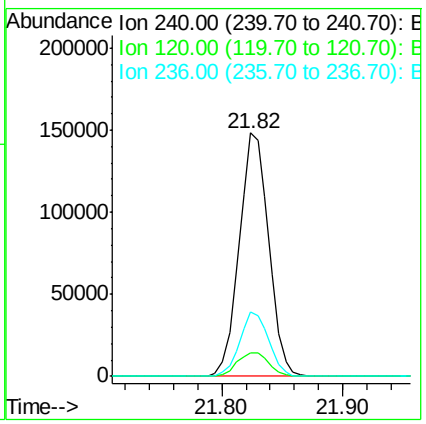


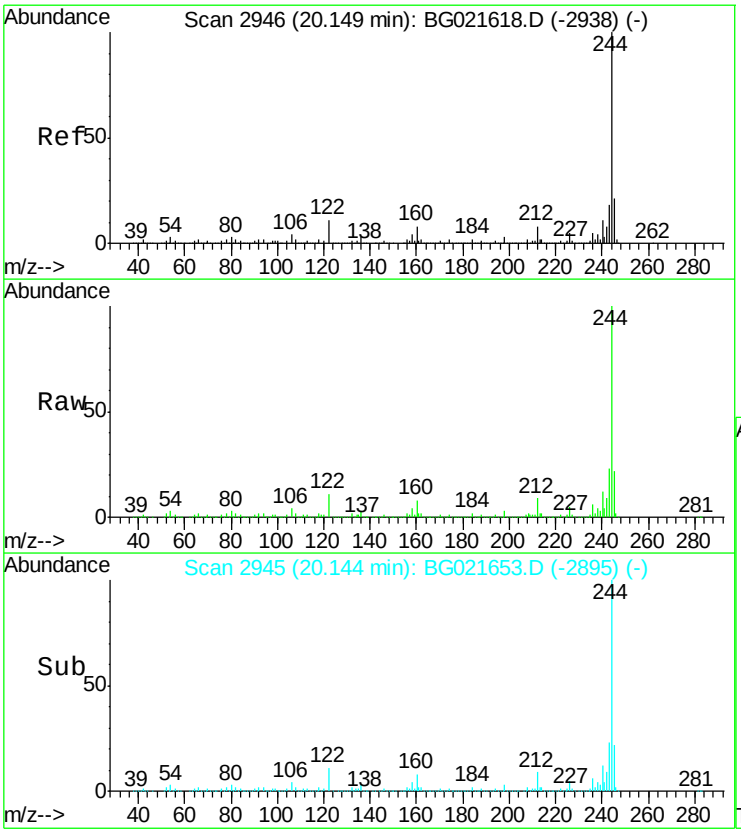
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:240 Resp: 252402

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.3	19.6	29.4

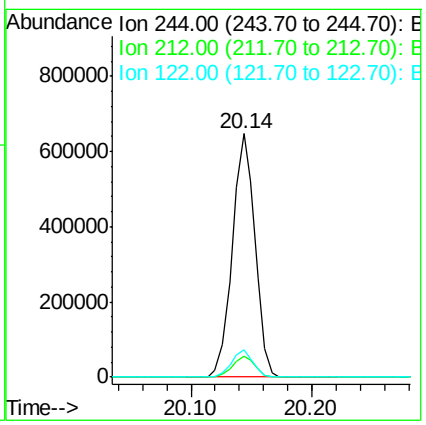


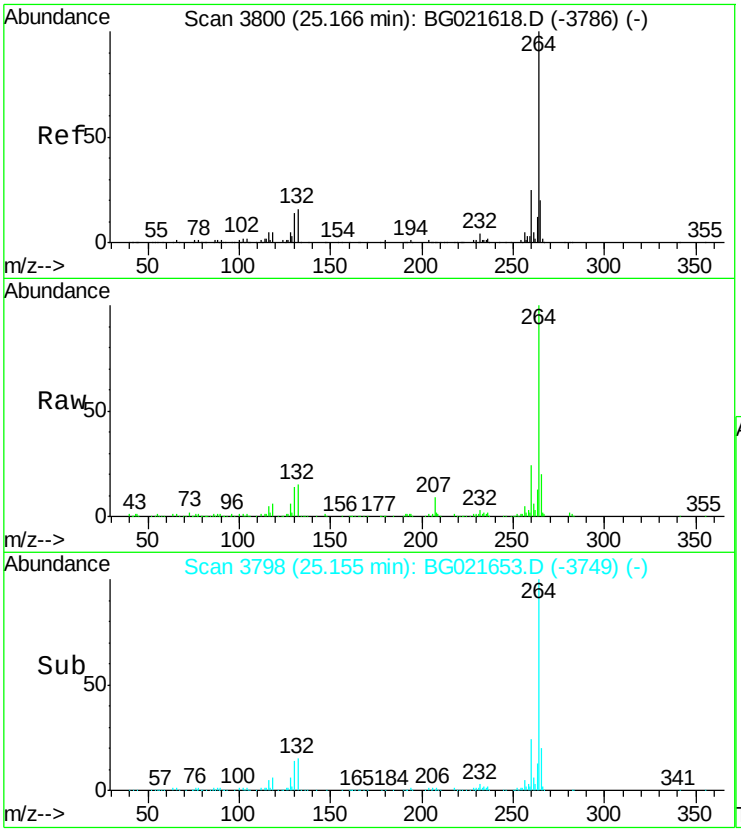


#78
Terphenyl-d14
Concen: 83.53 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion:244 Resp: 844897

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.3	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion:264 Resp: 241937

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.4
265	20.3	17.8	26.8