Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG022916\
Data File : BG021182.D
Acq On : 1 Mar 2016 10:46
Operator : UM/SJ
Sample : H1520-19RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40050+15(0-2)RE

Quant Time: Mar 01 13:47:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	13803	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	66153	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	36384	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	76211	20.00	ng		0.00
75) Chrysene-d12	21.76	240	80620	20.00	ng		0.00
86) Perylene-d12	25.03	264	74692	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	123945	142.75	ng		0.00
7) Phenol-d6	7.30	99	188401	131.96	ng		0.00
23) Nitrobenzene-d5	9.31	82	135395	86.61	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	45719	120.77	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	207289	80.90	ng		0.00
78) Terphenyl-d14	20.08	244	245790	73.86	ng		0.00
Target Compounds							Qvalue
20) 3+4-Methylphenols	8.90	107	4057	2.72	ng		91
32) Benzoic acid	10.16	122	134	5.81	ng	#	69
49) Dimethylphthalate	14.20	163	44609	13.76	ng		96
51) Acenaphthene	14.82	154	5786	2.40	ng		94
70) Phenanthrene	17.53	178	72282	17.57	ng		98
71) Anthracene	17.63	178	17718	4.21	ng		99
74) Fluoranthene	19.53	202	102450	21.20	ng		99
77) Pyrene	19.89	202	81359	16.92	ng		99
80) Benzo(a)anthracene	21.73	228	41454	8.68	ng		98
82) Chrysene	21.80	228	34573	7.64	ng		96
85) Indeno(1,2,3-cd)pyrene	28.75	276	15135	2.92	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	44955	9.57	ng	#	97
88) Benzo(k)fluoranthene	23.99	252	44955	9.55	ng	#	97
89) Benzo(a)pyrene	24.87	252	31021	6.83	ng	#	88
91) Benzo(g,h,i)perylene	29.92	276	13112	3.02	ng		93

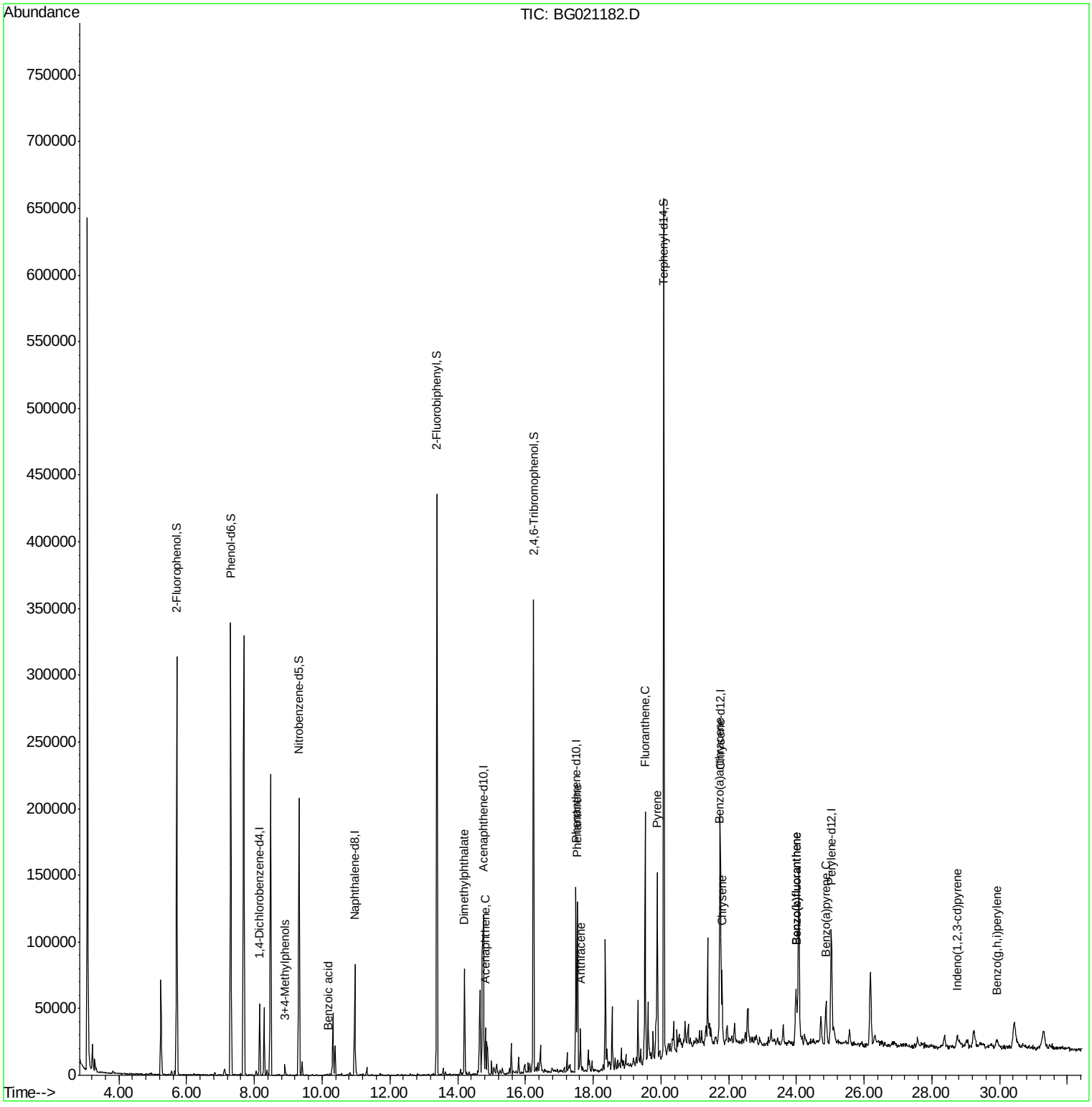
(#) = qualifier out of range (m) = manual integration (+) = signals summed

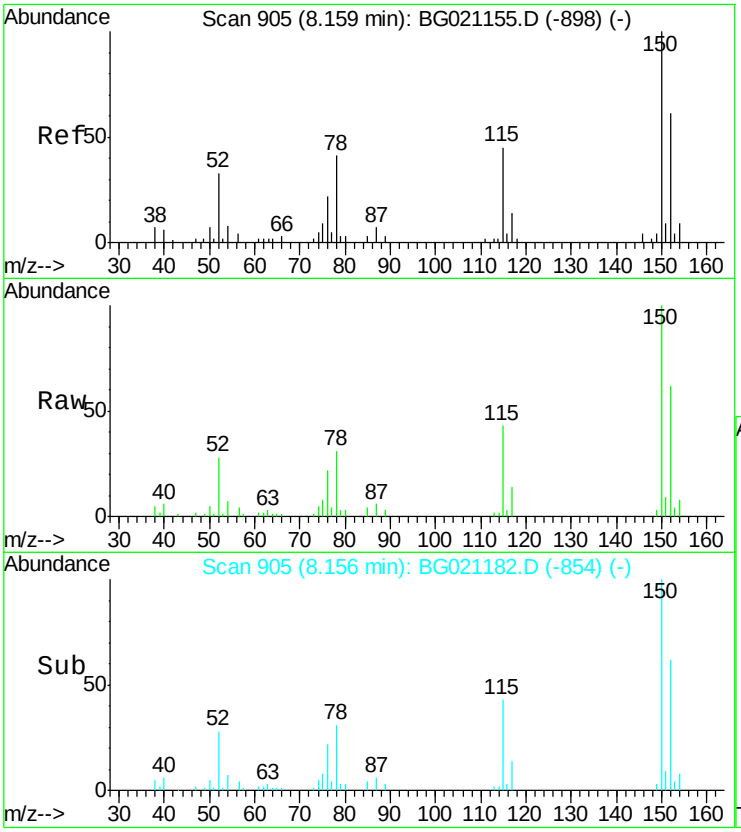
Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG022916\
Data File : BG021182.D
Acq On : 1 Mar 2016 10:46
Operator : UM/SJ
Sample : H1520-19RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Quant Time: Mar 01 13:47:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration



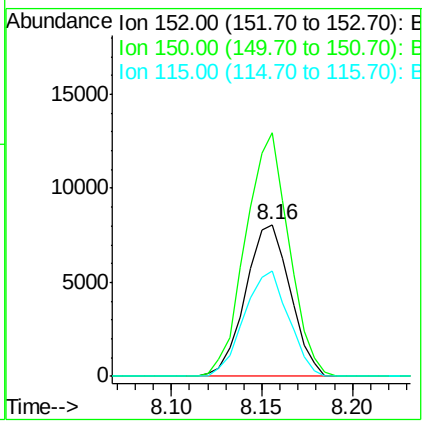


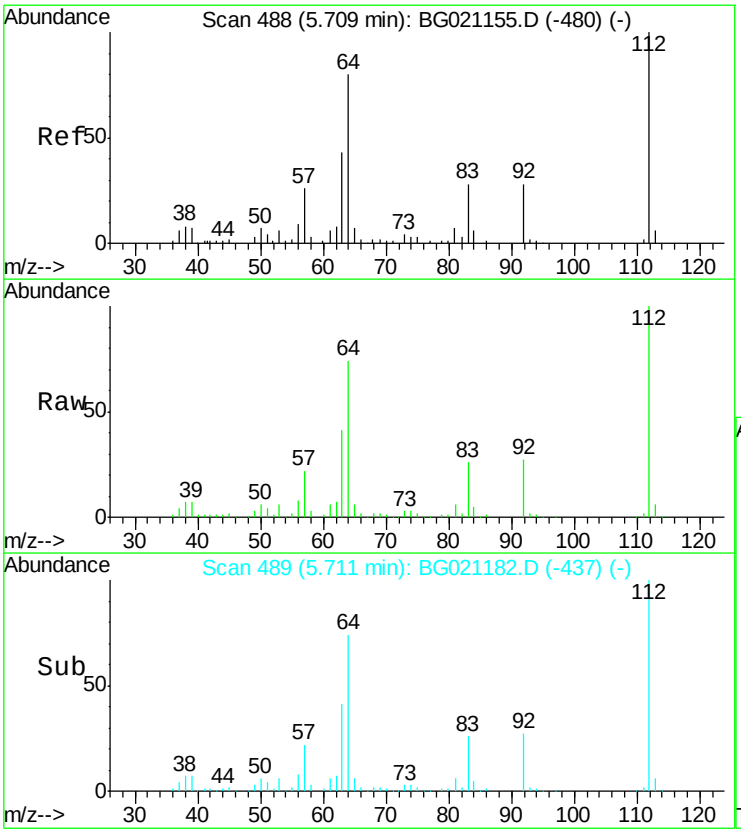
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:152 Resp: 13803

Ion	Ratio	Lower	Upper
152	100		
150	160.3	123.4	185.2
115	69.6	43.3	64.9#

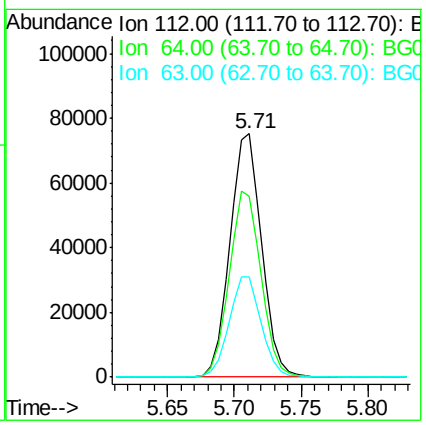


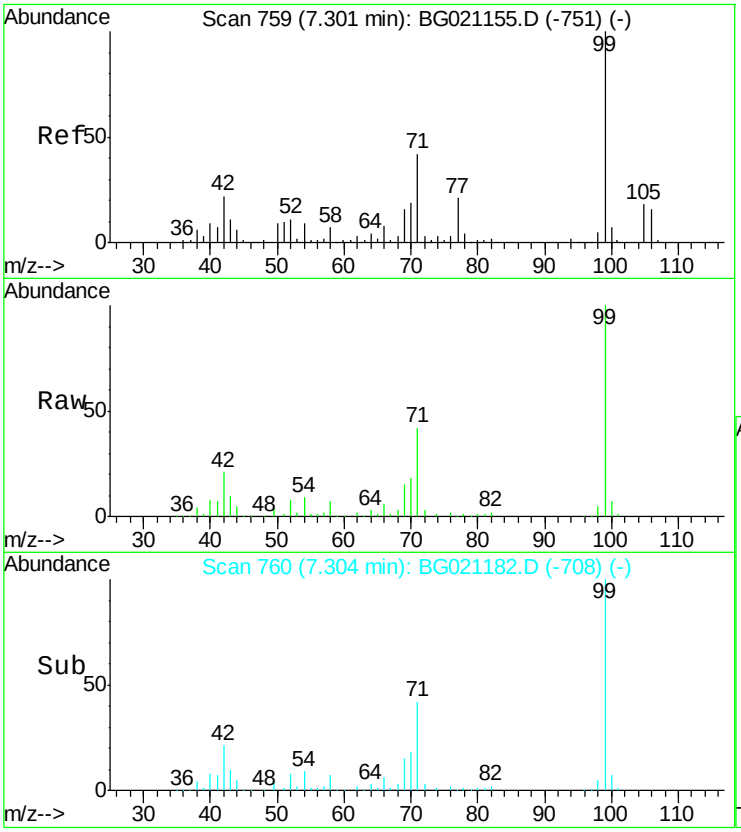


#5
2-Fluorophenol
Concen: 142.75 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:112 Resp: 123945

Ion	Ratio	Lower	Upper
112	100		
64	74.3	42.6	63.8#
63	41.3	21.7	32.5#



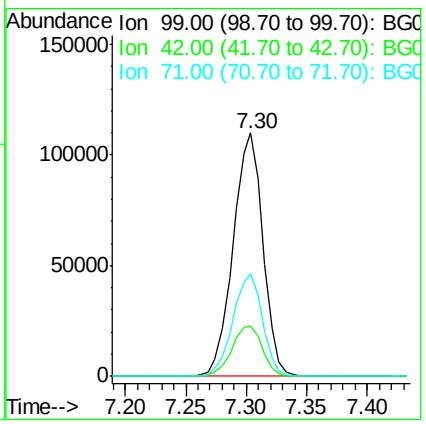


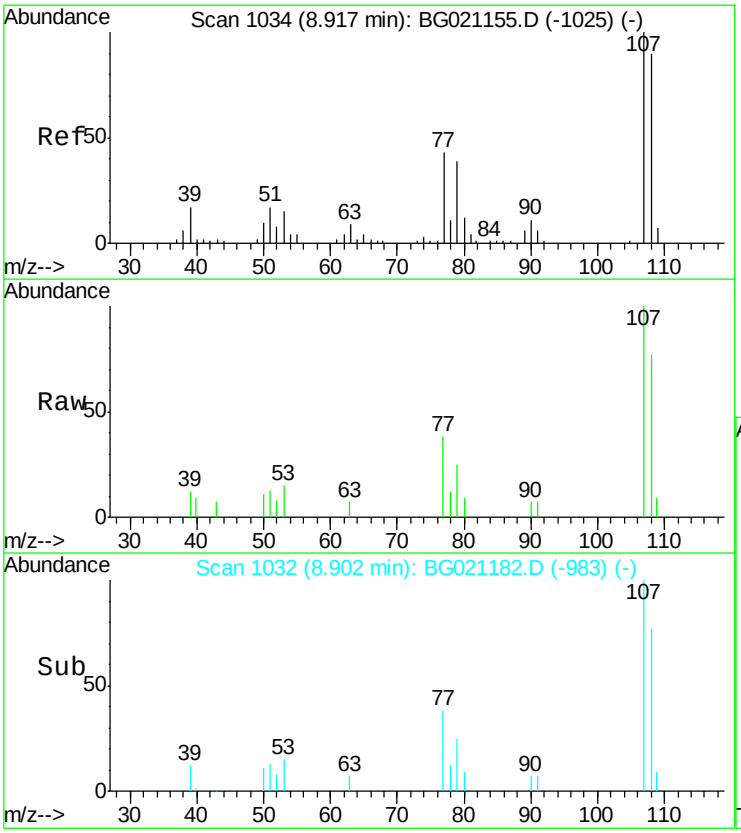
#7
Phenol-d6
Concen: 131.96 ng
RT: 7.30 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion: 99 Resp: 188401

Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.2	19.8#
71	42.3	25.2	37.8#

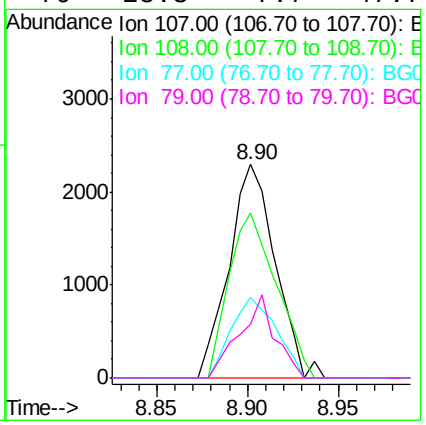


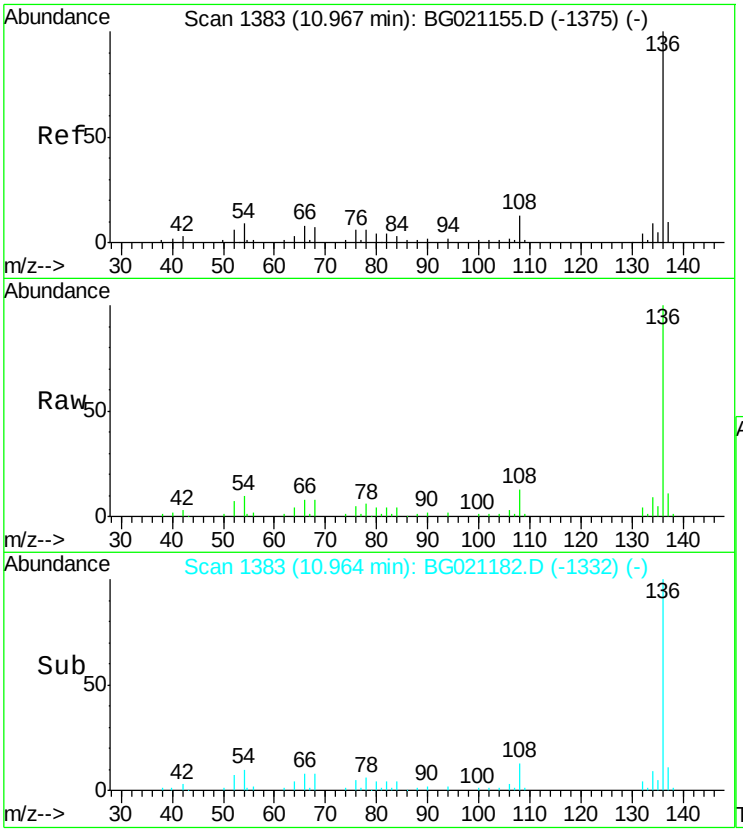


#20
3+4-Methylphenols
Concen: 2.72 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:107 Resp: 4057

Ion	Ratio	Lower	Upper
107	100		
108	77.1	67.6	107.6
77	38.0	14.4	54.4
79	25.3	7.7	47.7



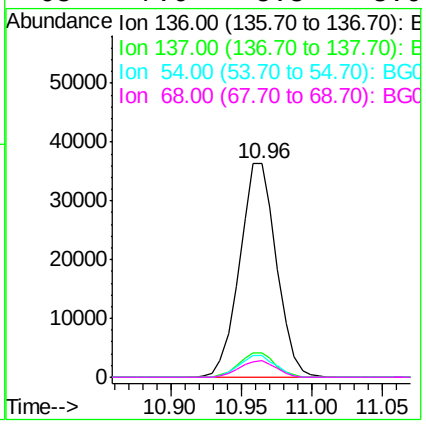


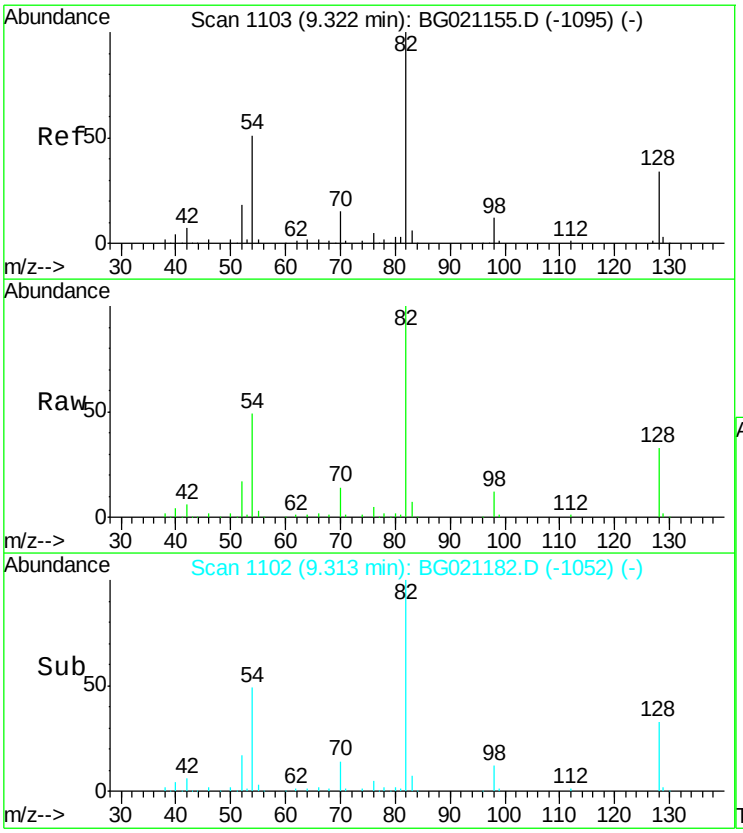
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:136 Resp: 66153

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.5	6.9	10.3#
68	7.6	5.8	8.6

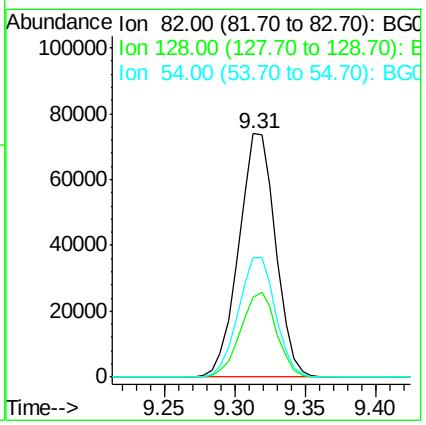


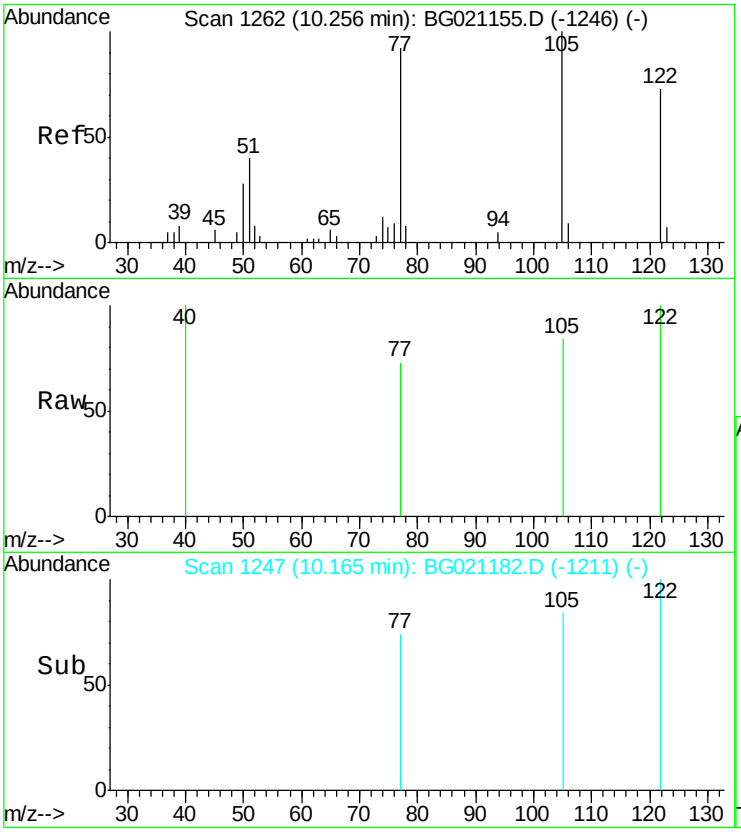


#23
Nitrobenzene-d5
Concen: 86.61 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion: 82 Resp: 135395

Ion	Ratio	Lower	Upper
82	100		
128	32.7	36.3	54.5#
54	49.2	37.6	56.4



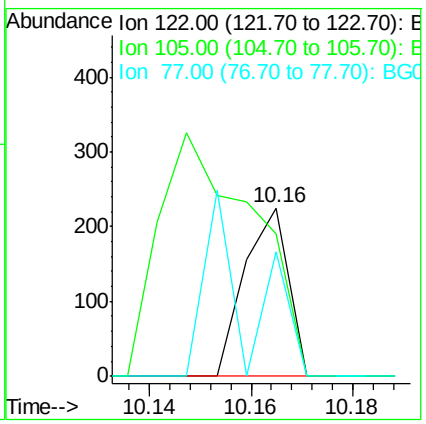


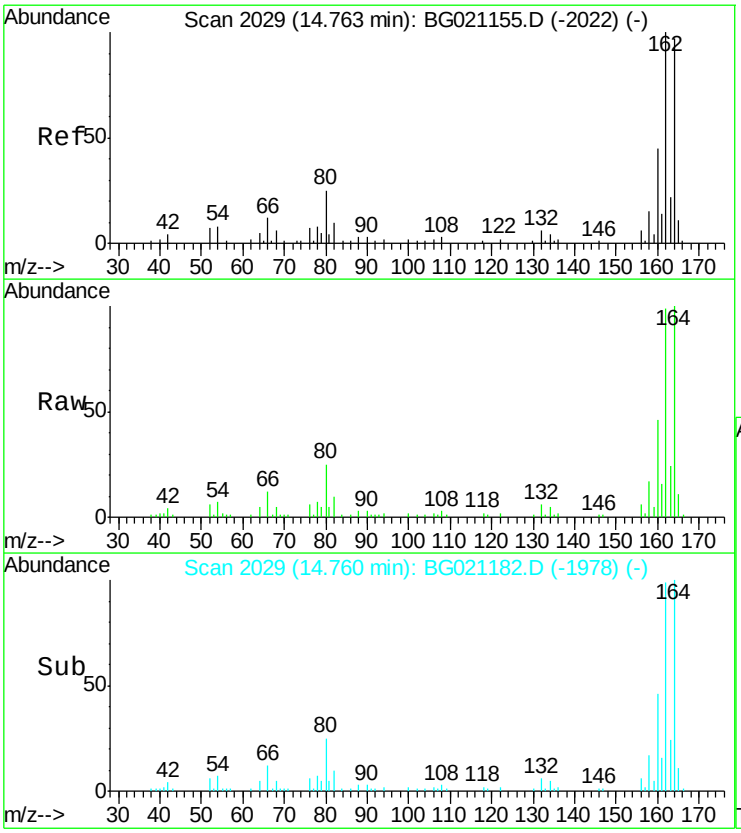
#32
Benzoic acid
Concen: 5.81 ng
RT: 10.16 min Scan# 1247
Delta R.T. -0.09 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:122 Resp: 134

Ion	Ratio	Lower	Upper
122	100		
105	84.4	98.7	138.7#
77	73.8	84.5	124.5#

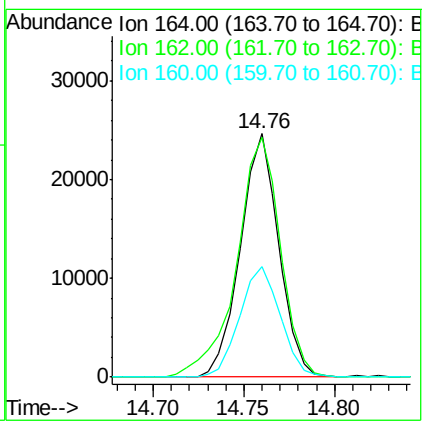


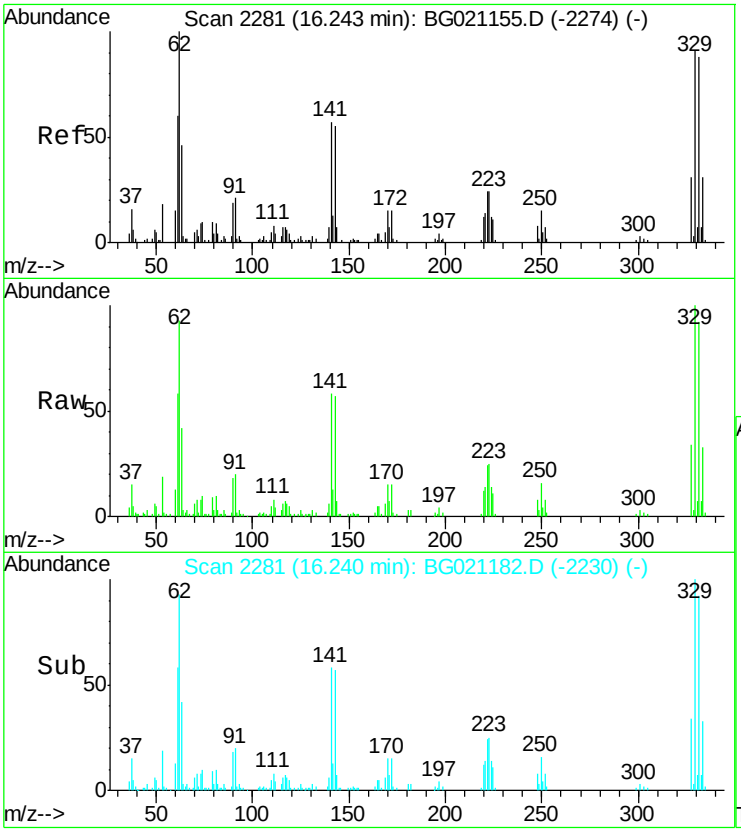


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:164 Resp: 36384

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	120.8
160	45.6	36.5	54.7



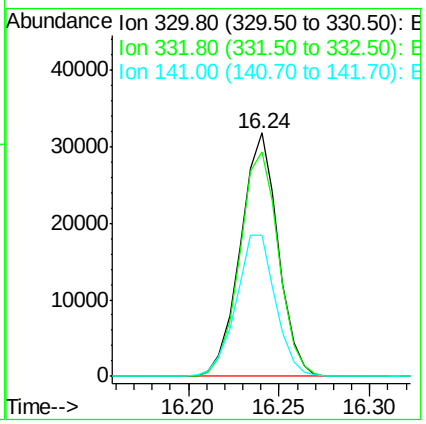


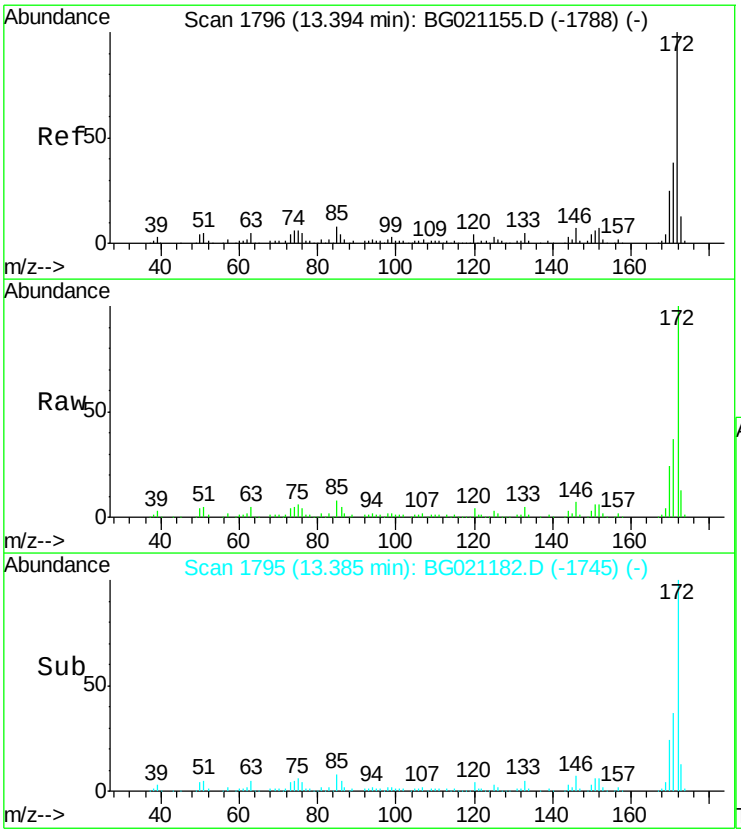
#41
2,4,6-Tribromophenol
Concen: 120.77 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:330 Resp: 45719

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	60.7	35.3	52.9#

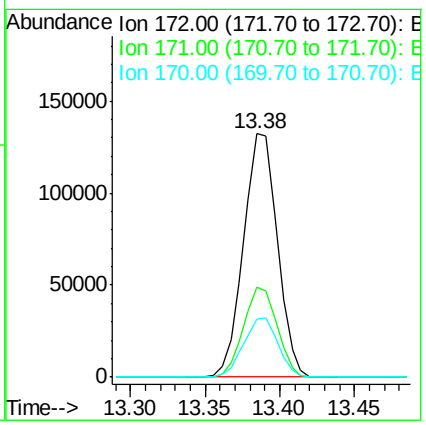


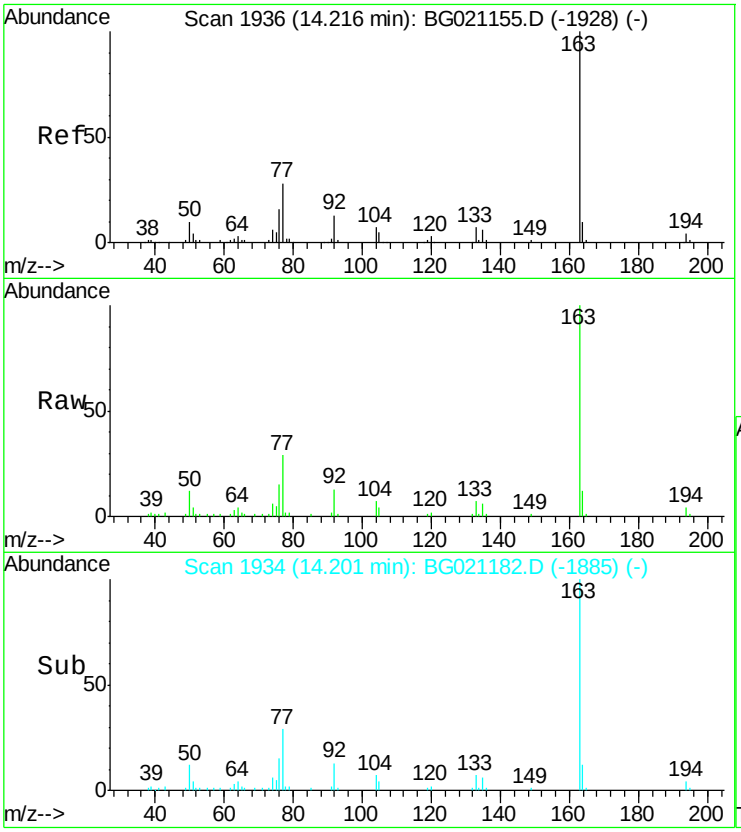


#44
2-Fluorobiphenyl
Concen: 80.90 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:172 Resp: 207289

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	23.7	19.8	29.8



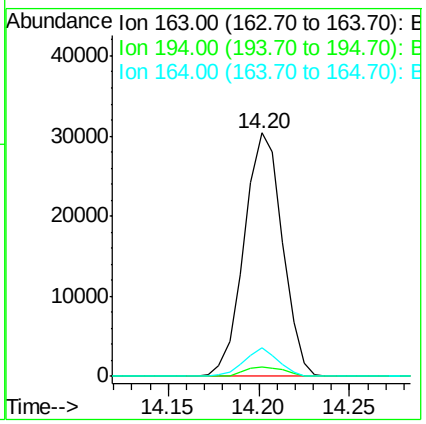


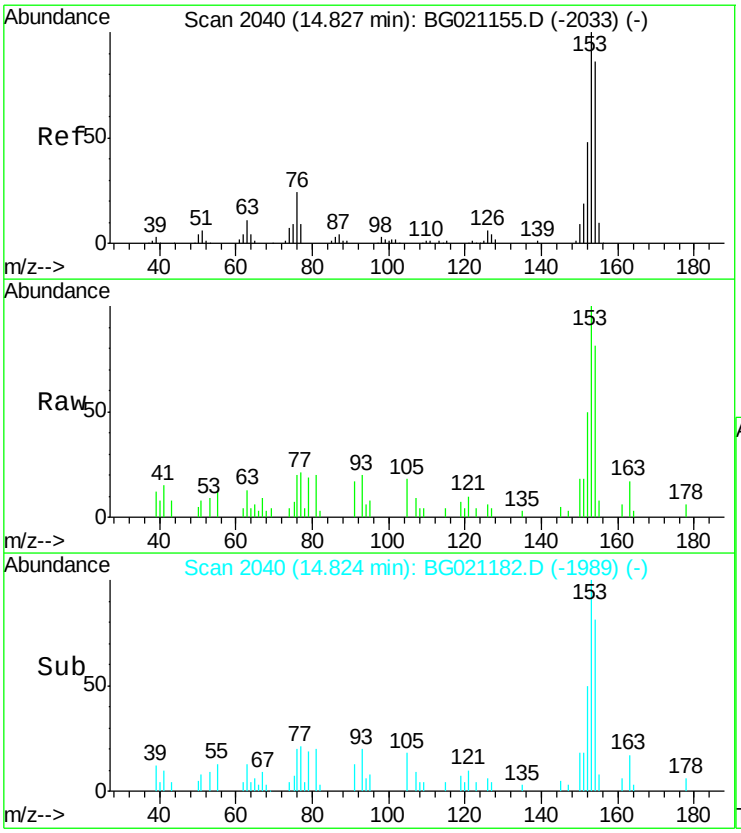
#49
Dimethylphthalate
Concen: 13.76 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:163 Resp: 44609

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	11.7	7.9	11.9

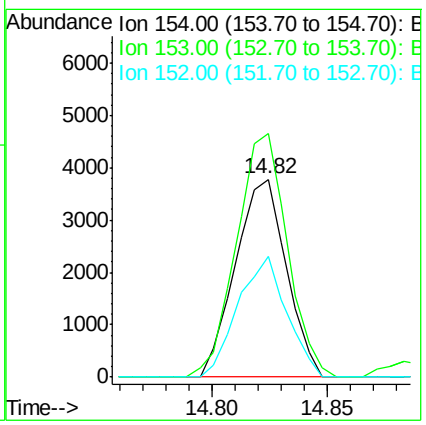


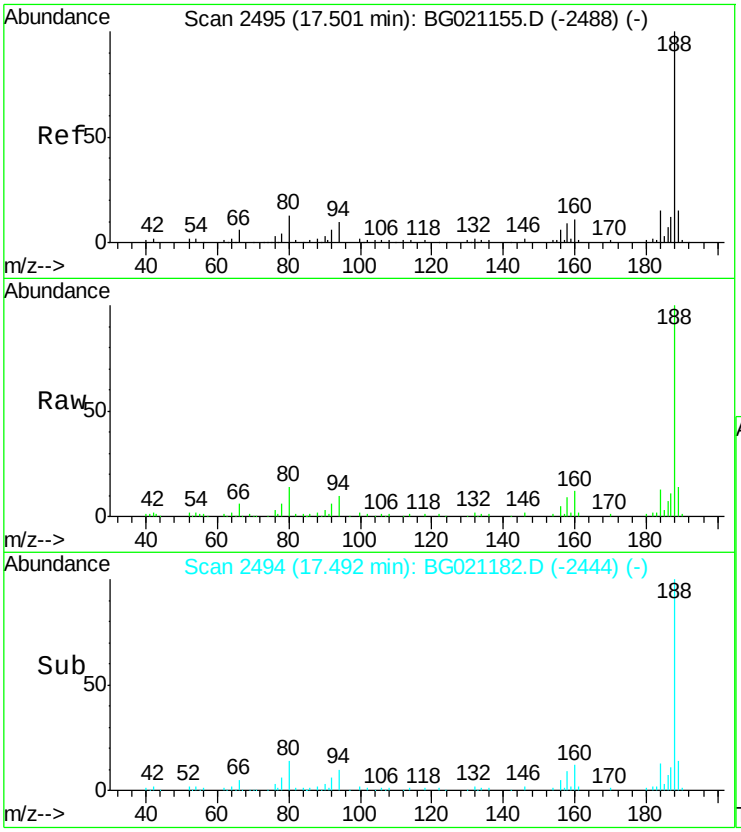


#51
Acenaphthene
Concen: 2.40 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:154 Resp: 5786

Ion	Ratio	Lower	Upper
154	100		
153	122.9	94.2	141.2
152	60.9	42.9	64.3



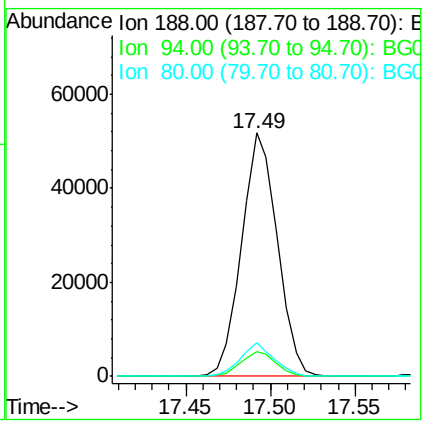


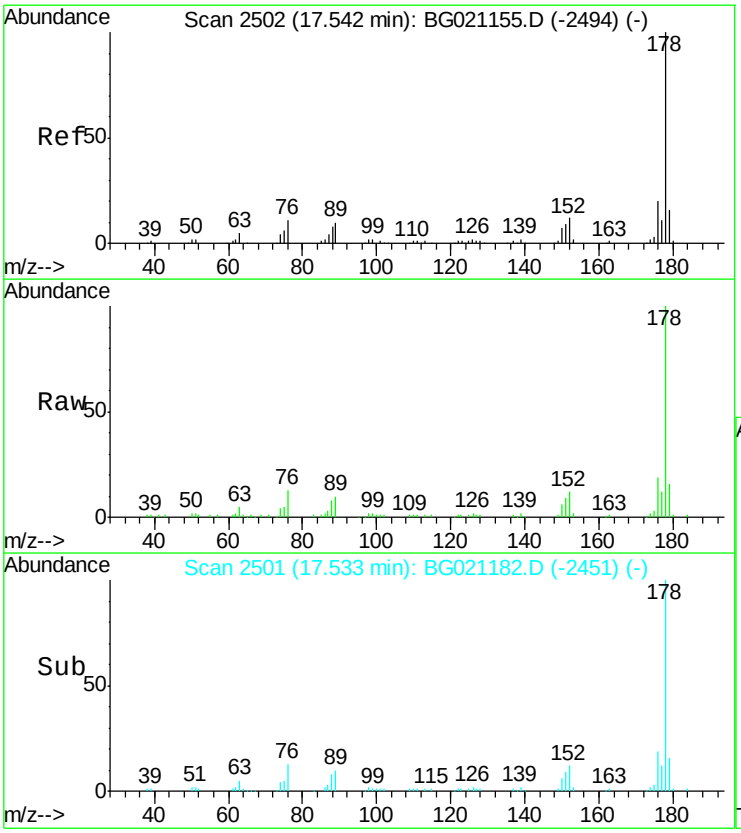
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:188 Resp: 76211

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	14.0	9.2	13.8#

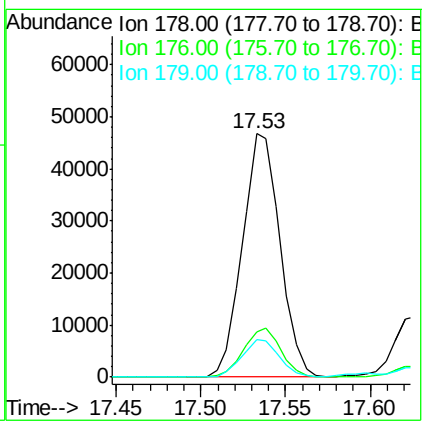


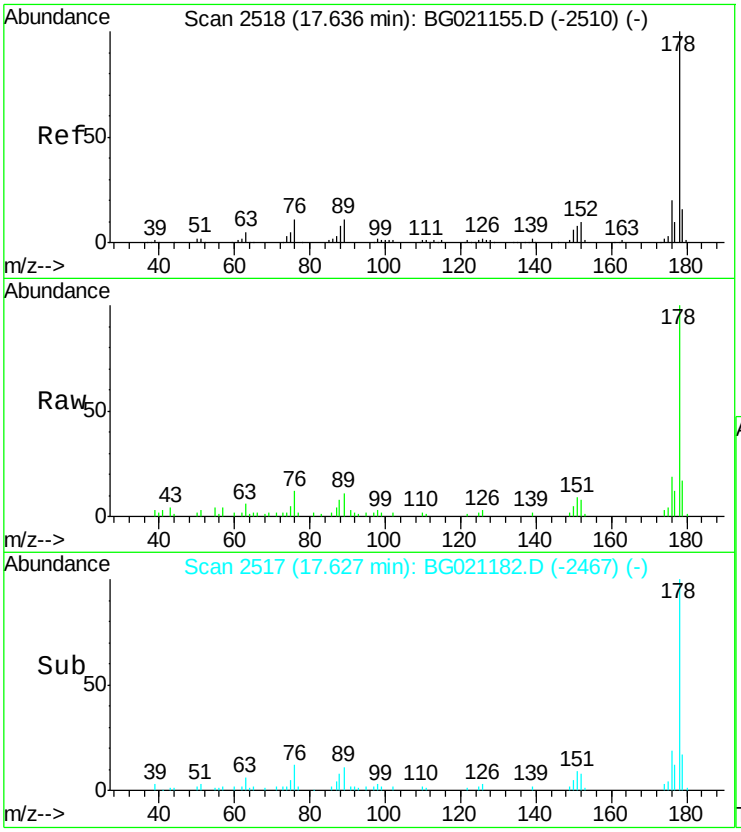


#70
Phenanthrene
Concen: 17.57 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:178 Resp: 72282

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.6	12.9	19.3



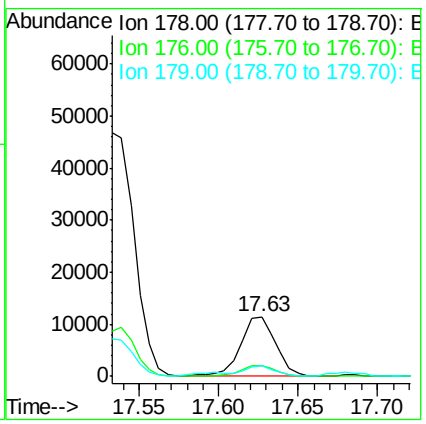


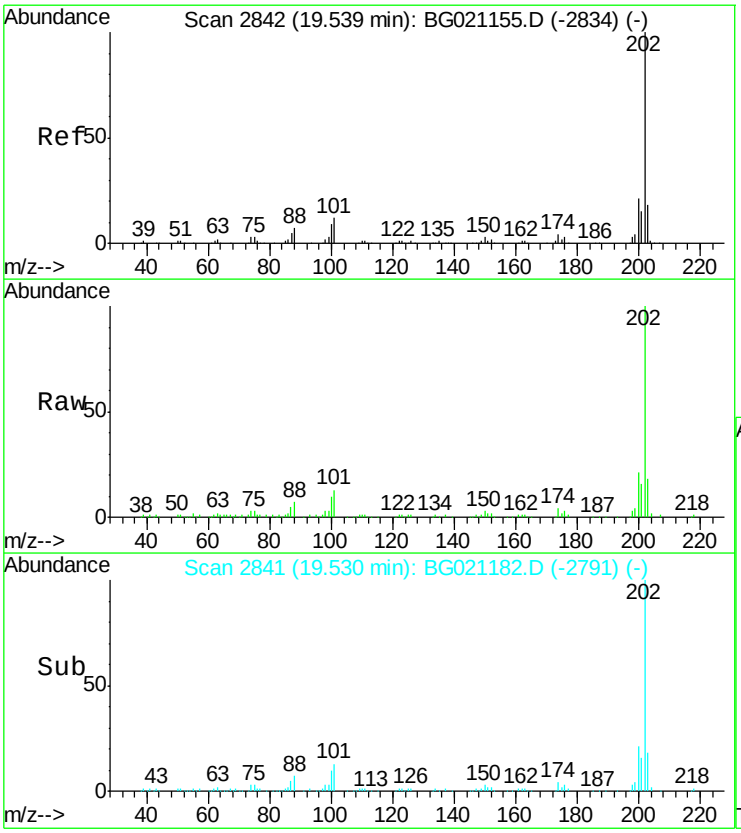
#71
Anthracene
Concen: 4.21 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:178 Resp: 17718

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	16.8	12.6	19.0

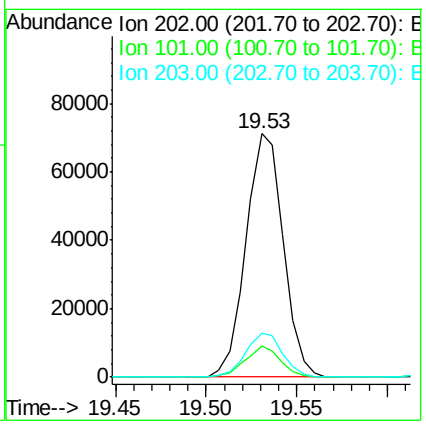


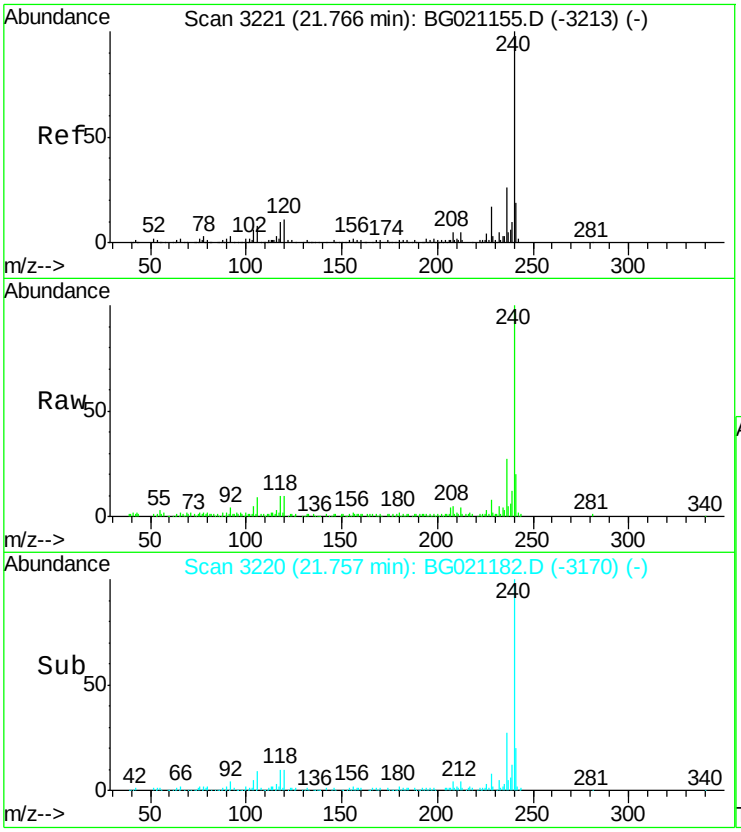


#74
Fluoranthene
Concen: 21.20 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:202 Resp: 102450

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.5
203	17.9	0.0	37.6



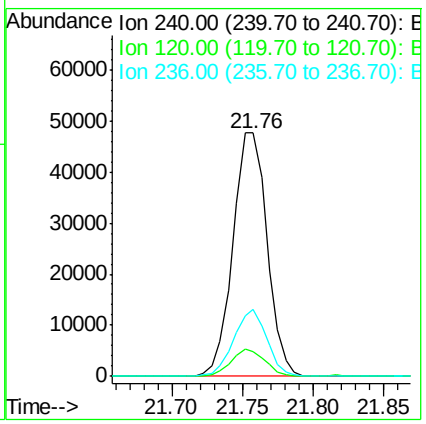


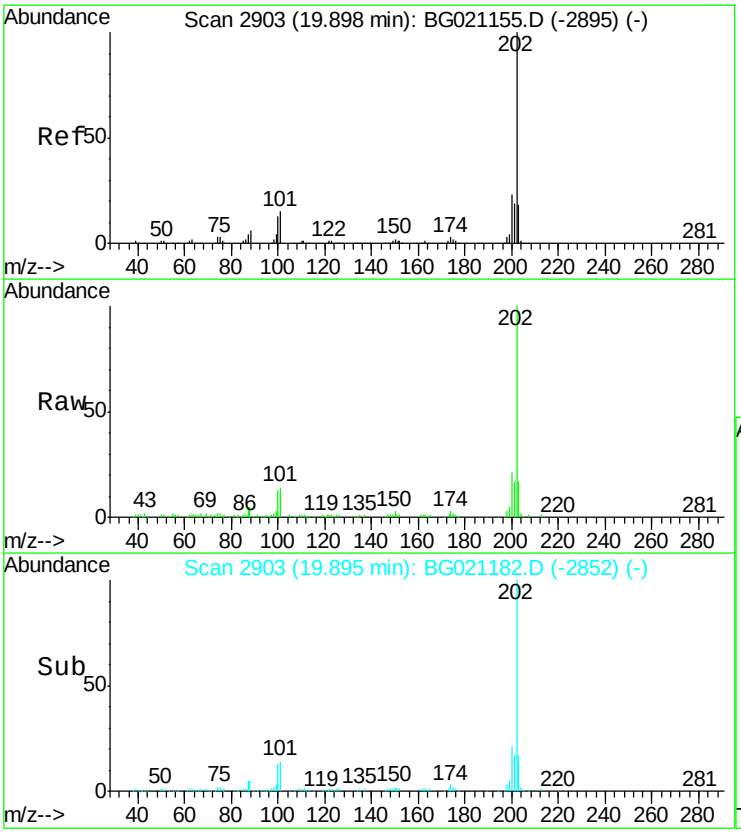
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:240 Resp: 80620

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	27.3	20.5	30.7

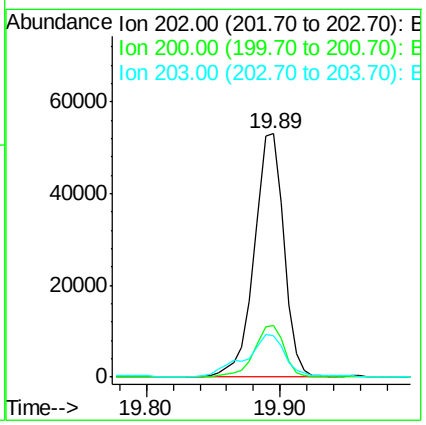


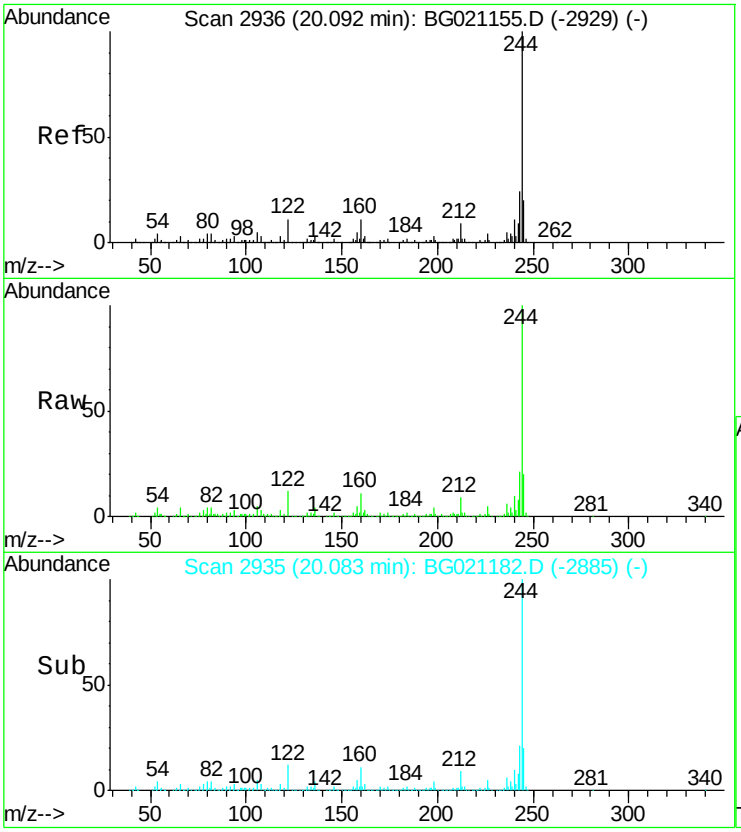


#77
Pyrene
Concen: 16.92 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:202 Resp: 81359

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	16.8	13.8	20.8



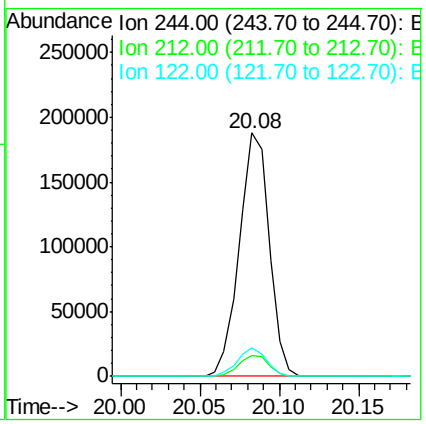


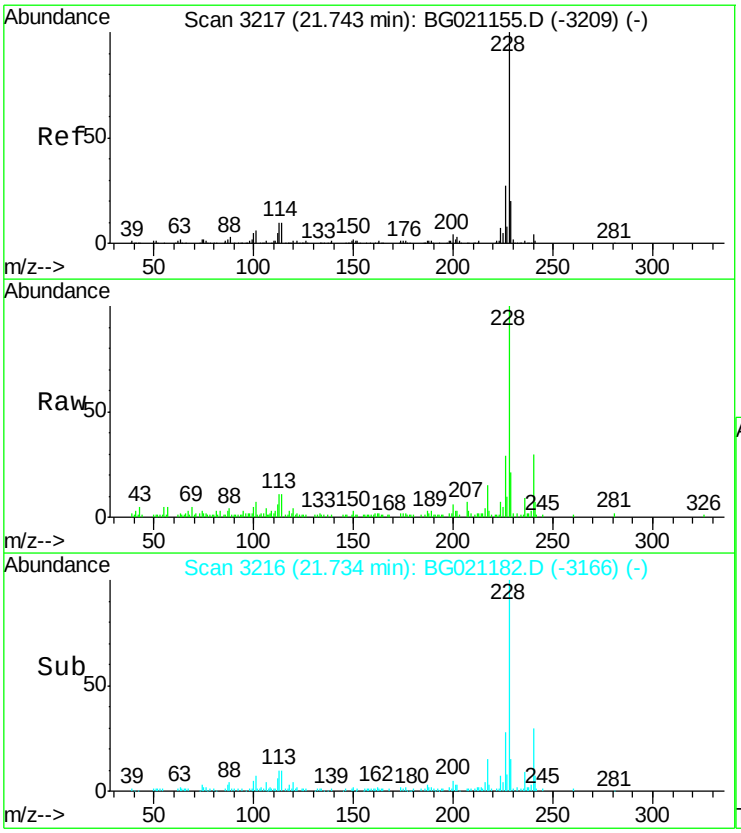
#78
Terphenyl-d14
Concen: 73.86 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:244 Resp: 245790

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.6
122	11.9	8.3	12.5

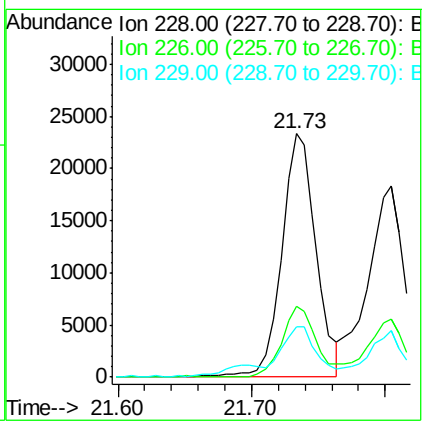


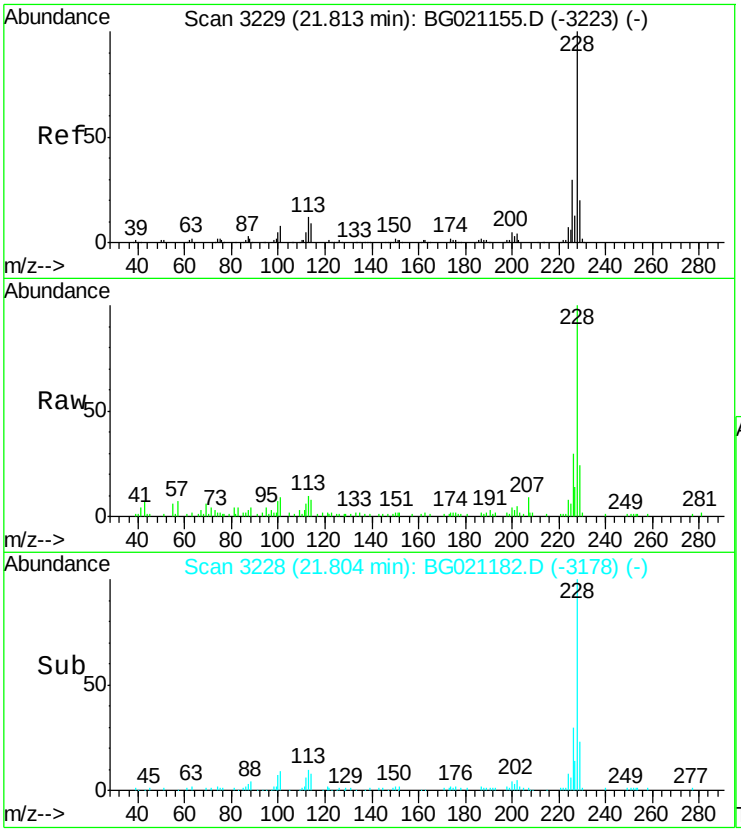


#80
Benzo(a)anthracene
Concen: 8.68 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:228 Resp: 41454

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.7	15.5	23.3



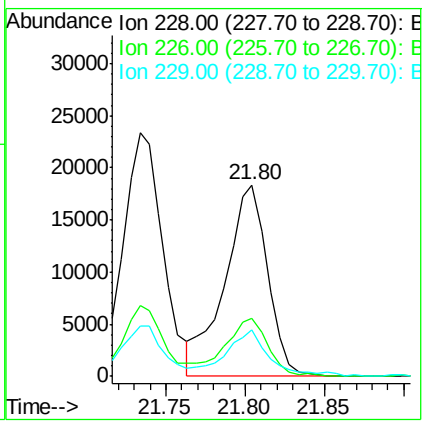


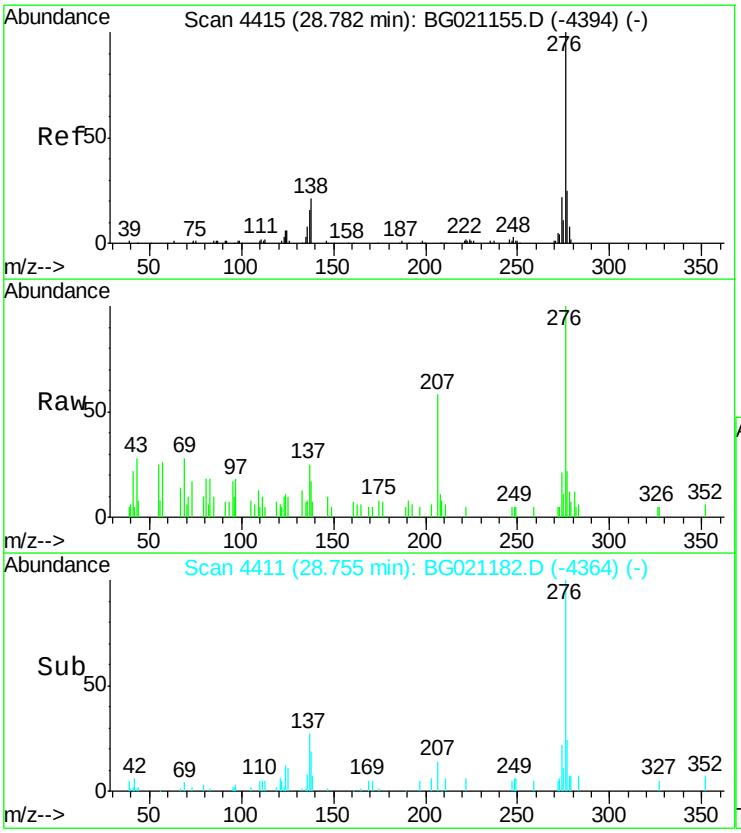
#82
Chrysene
Concen: 7.64 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:228 Resp: 34573

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	24.1	16.7	25.1

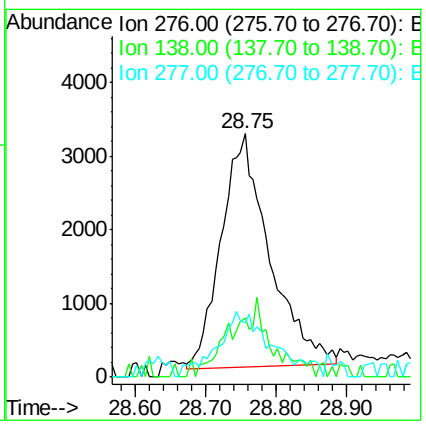


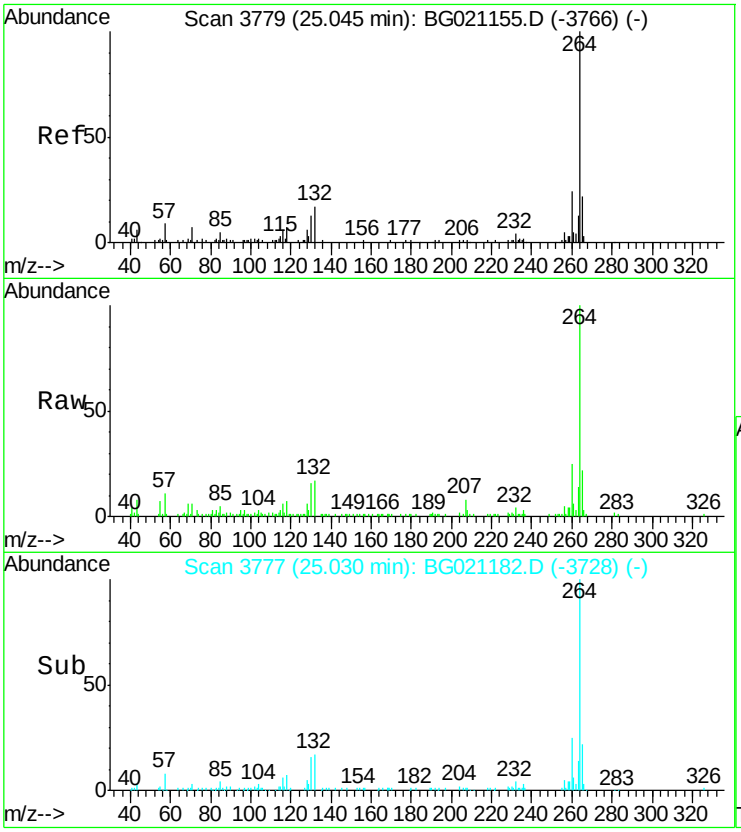


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.92 ng
RT: 28.75 min Scan# 4411
Delta R.T. -0.03 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:276 Resp: 15135

Ion	Ratio	Lower	Upper
276	100		
138	0.9	0.0	0.0#
277	28.9	0.0	0.0#



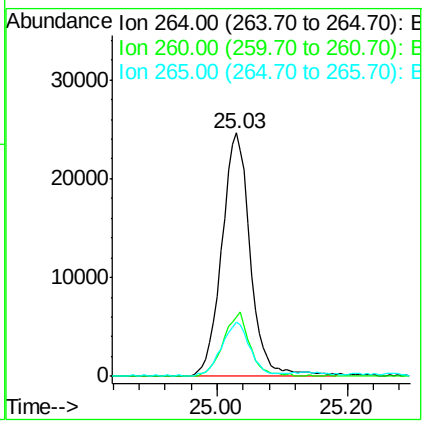


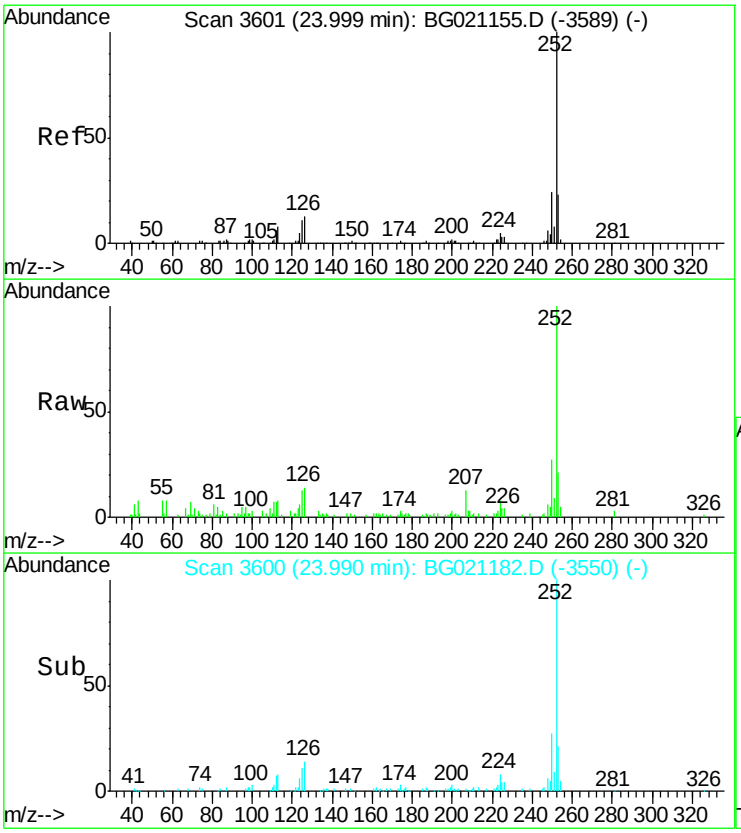
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:264 Resp: 74692

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	22.2	18.6	28.0

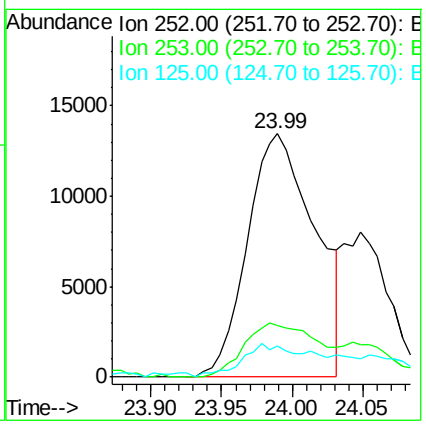


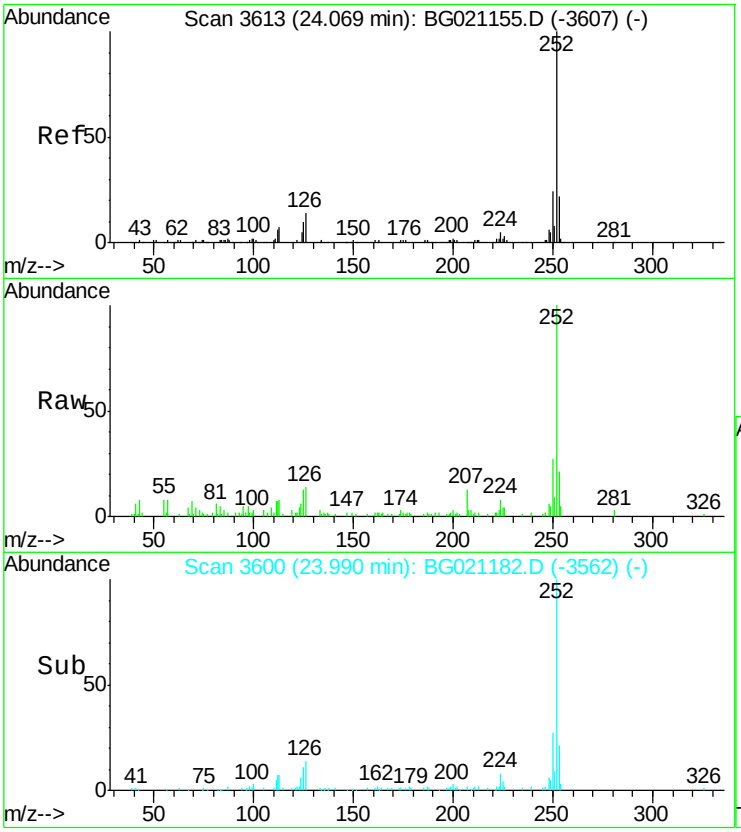


#87
Benzo(b)fluoranthene
Concen: 9.57 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:252 Resp: 44955

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	12.7	8.2	12.2#



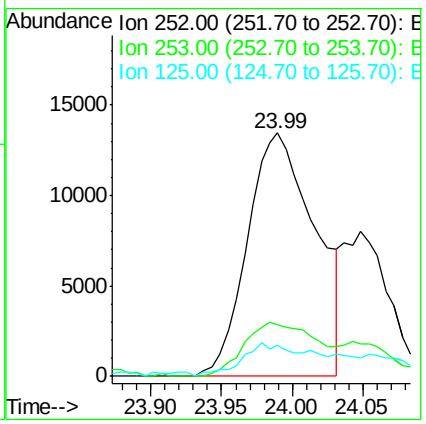


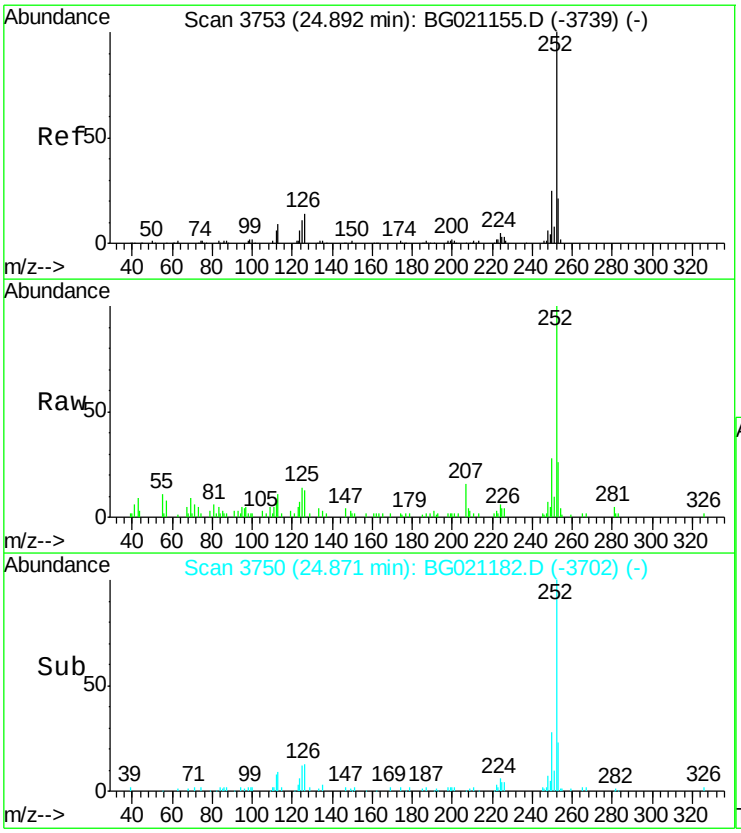
#88
Benzo(k)fluoranthene
Concen: 9.55 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.08 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:252 Resp: 44955

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.4	24.6
125	12.7	8.2	12.2#

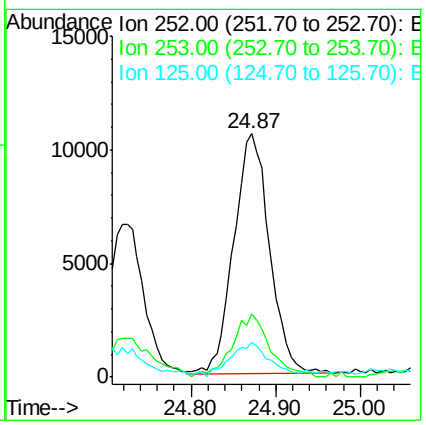


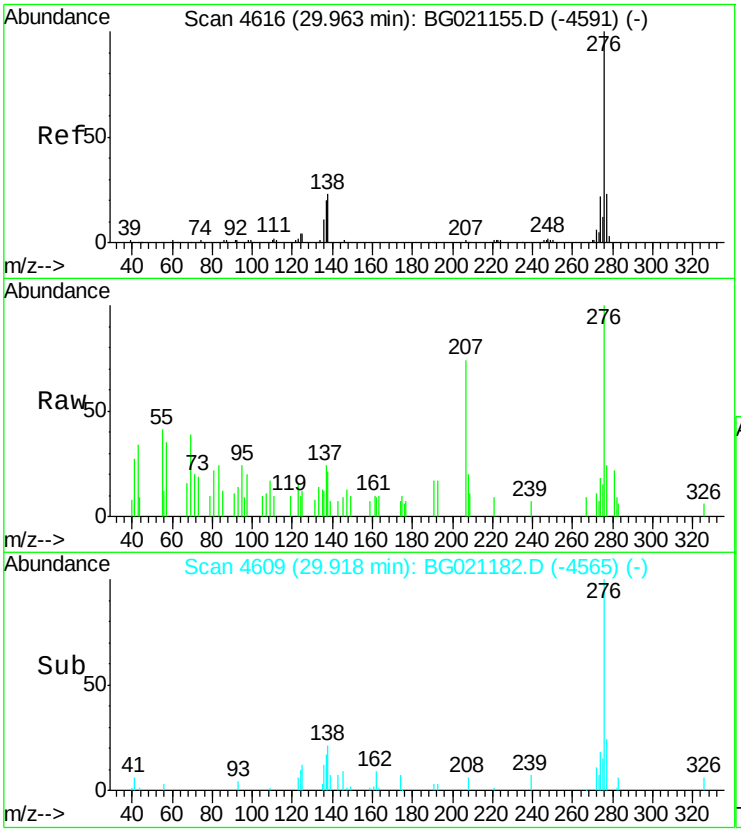


#89
Benzo(a)pyrene
Concen: 6.83 ng
RT: 24.87 min Scan# 3750
Delta R.T. -0.02 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Tgt Ion:252 Resp: 31021

Ion	Ratio	Lower	Upper
252	100		
253	25.7	15.8	23.8#
125	14.3	8.4	12.6#





#91
Benzo(g,h,i)perylene
Concen: 3.02 ng
RT: 29.92 min Scan# 4609
Delta R.T. -0.04 min
Lab File: BG021182.D
Acq: 1 Mar 2016 10:46

Instrument :
BNA_G
ClientSampleId :
40050+15(0-2)RE

Tgt Ion:276 Resp: 13112

Ion	Ratio	Lower	Upper
276	100		
277	24.2	16.6	25.0
138	21.1	14.6	21.8