Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021059.D
Acq On : 24 Feb 2016 19:52
Operator : UM/SJ
Sample : H1520-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 24 23:58:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:35:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	4131	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	22542	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	12376	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	23526	20.00	ng		0.00
75) Chrysene-d12	21.82	240	17537	20.00	ng		0.00
86) Perylene-d12	25.14	264	17182	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	39632	168.20	ng		-0.01
7) Phenol-d6	7.41	99	61856	170.46	ng		0.00
23) Nitrobenzene-d5	9.39	82	39837	103.76	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	22064	148.82	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	83247	93.64	ng		0.00
78) Terphenyl-d14	20.14	244	70612	52.25	ng		0.00
Target Compounds							Qvalue
20) 3+4-Methylphenols	9.01	107	1258	3.52	ng		94
27) 2,4-Dimethylphenol	10.48	122	1082	3.25	ng	#	16
32) Benzoic acid	10.48	122	1299	5.15	ng	#	22
49) Dimethylphthalate	14.27	163	17274	17.12	ng		98
51) Acenaphthene	14.88	154	2320	2.94	ng		96
70) Phenanthrene	17.60	178	25293	19.01	ng		99
71) Anthracene	17.69	178	6007	4.53	ng		98
74) Fluoranthene	19.59	202	29826	22.29	ng		98
77) Pyrene	19.95	202	22690	11.32	ng		98
80) Benzo(a)anthracene	21.80	228	9816	9.33	ng		96
82) Chrysene	21.87	228	8429	8.59	ng		95
85) Indeno(1,2,3-cd)pyrene	28.92	276	4652	5.27	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	3133	2.77	ng		93
88) Benzo(k)fluoranthene	24.15	252	3133	2.93	ng	#	92
89) Benzo(a)pyrene	24.98	252	7929	7.81	ng	#	94
91) Benzo(g,h,i)perylene	30.11	276	2090	2.29	ng	#	78

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021059.D
Acq On : 24 Feb 2016 19:52
Operator : UM/SJ
Sample : H1520-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 24 23:58:53 2016
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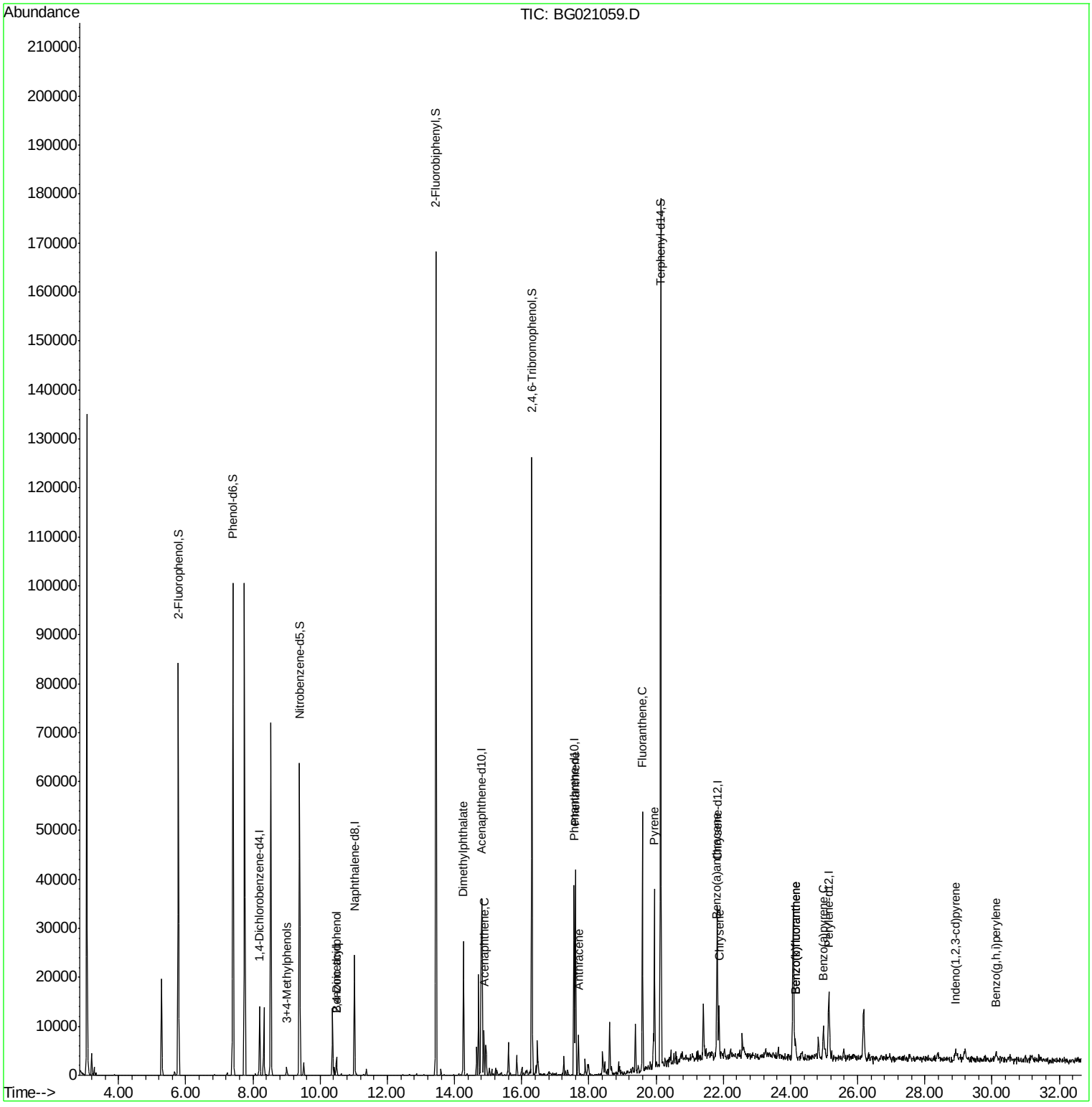
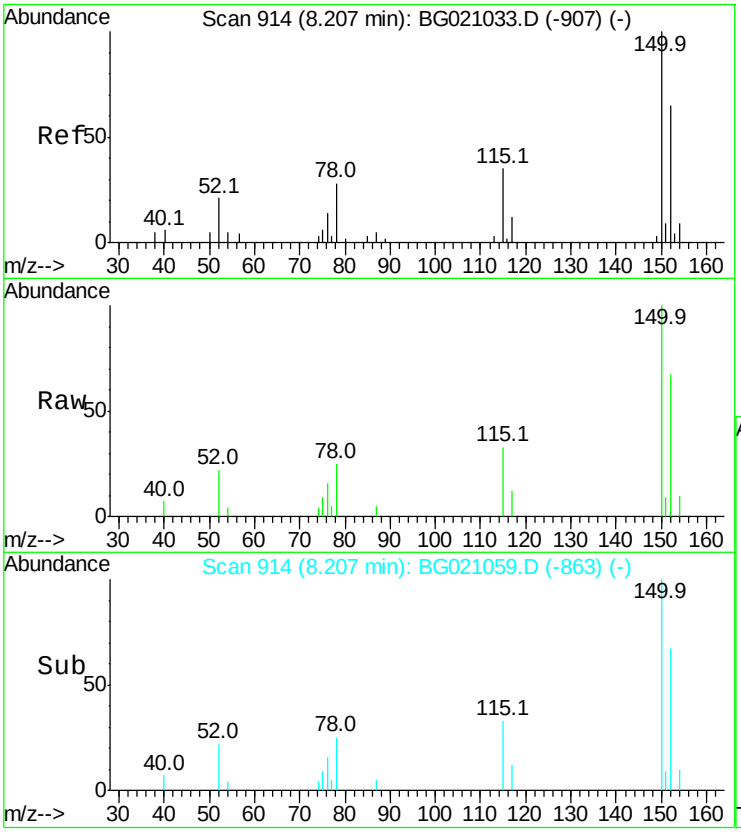
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:35:06 2016
Response via : Initial Calibration



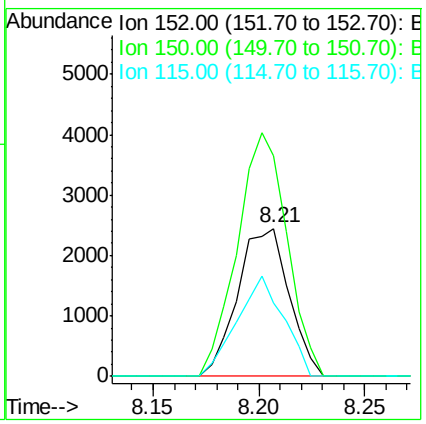


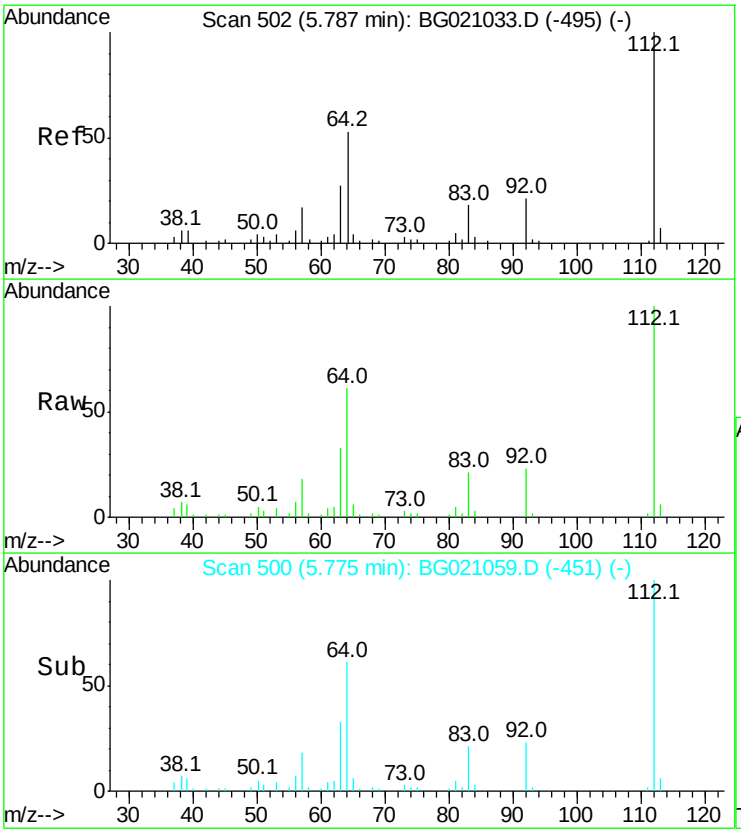
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 4131

Ion	Ratio	Lower	Upper
152	100		
150	149.3	123.4	185.2
115	49.8	43.3	64.9

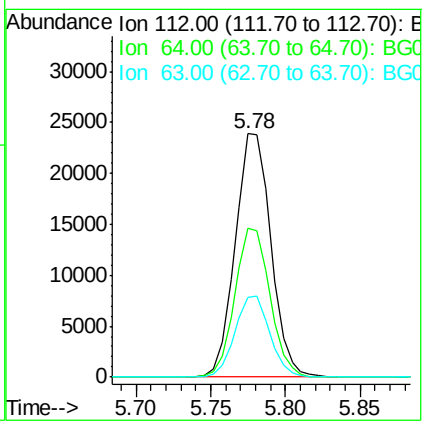


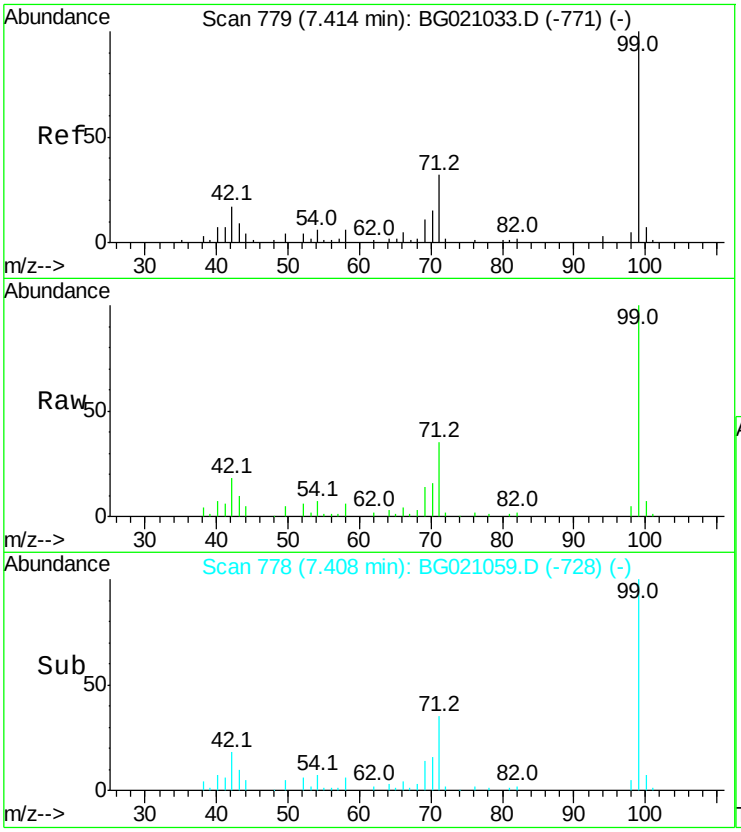


#5
2-Fluorophenol
Concen: 168.20 ng
RT: 5.78 min Scan# 500
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:112 Resp: 39632

Ion	Ratio	Lower	Upper
112	100		
64	61.0	42.6	63.8
63	32.8	21.7	32.5#



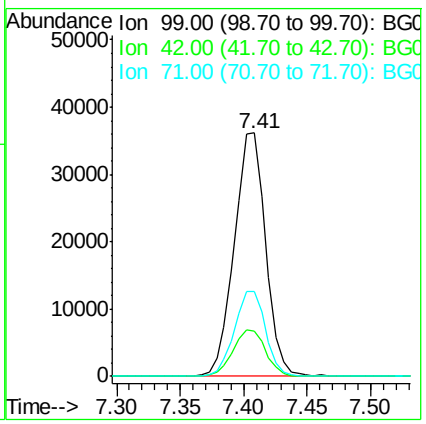


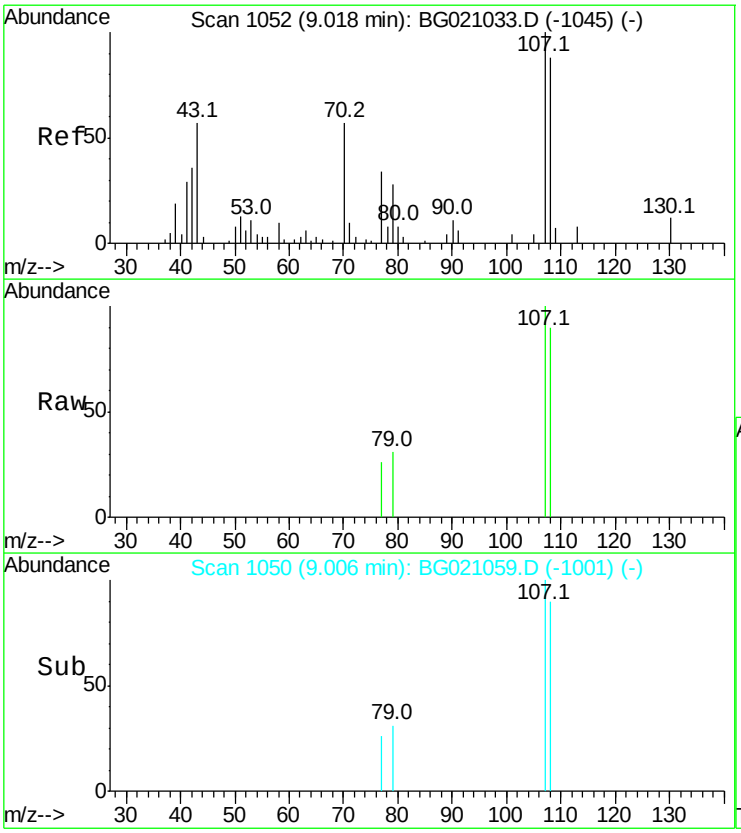
#7
Phenol-d6
Concen: 170.46 ng
RT: 7.41 min Scan# 778
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 61856

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.2	19.8
71	34.9	25.2	37.8

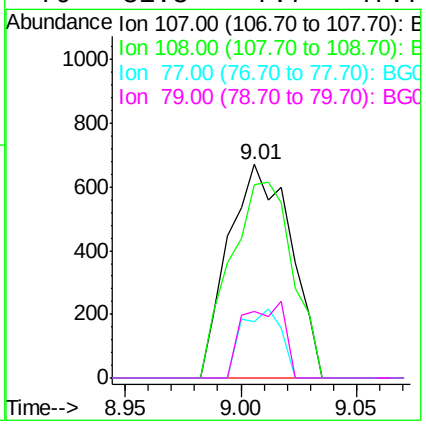


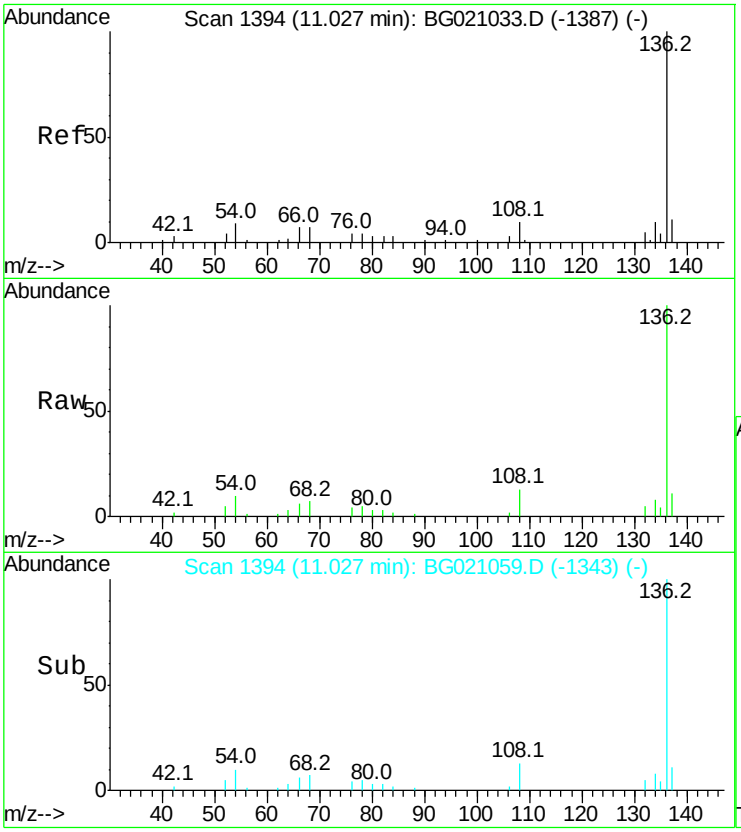


#20
3+4-Methylphenols
Concen: 3.52 ng
RT: 9.01 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:107 Resp: 1258

Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.6	107.6
77	26.2	14.4	54.4
79	31.3	7.7	47.7



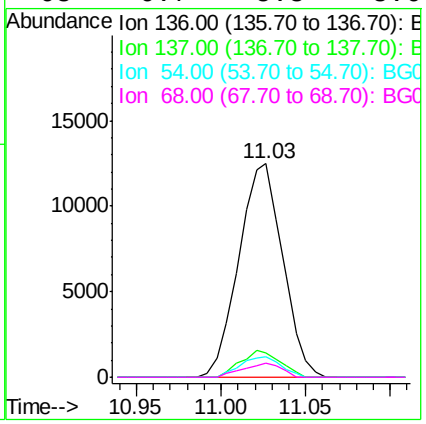


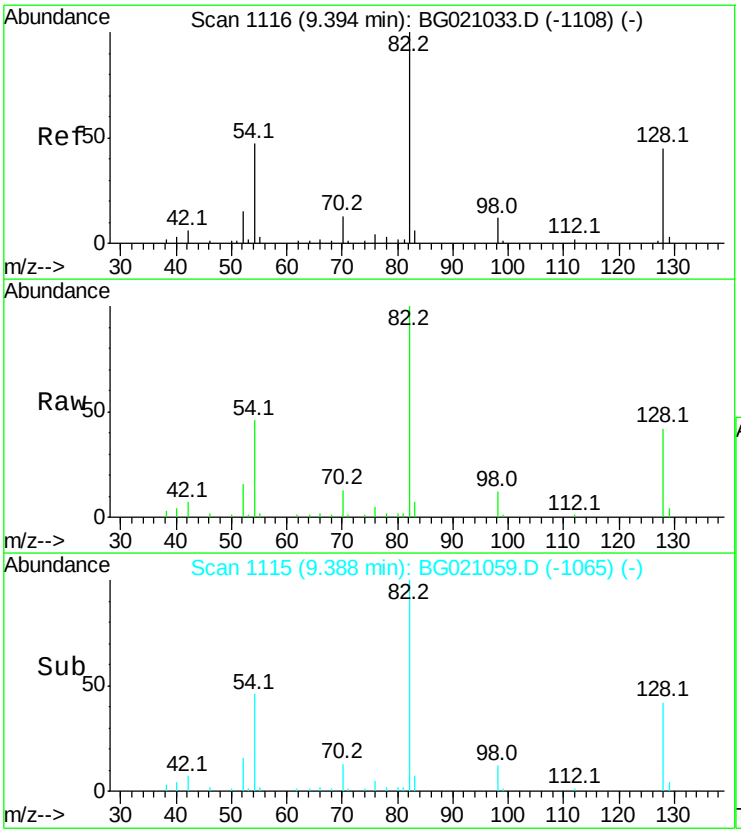
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 22542

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.5	6.9	10.3
68	6.7	5.8	8.6

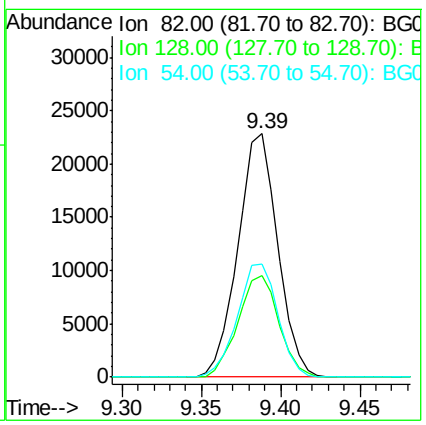


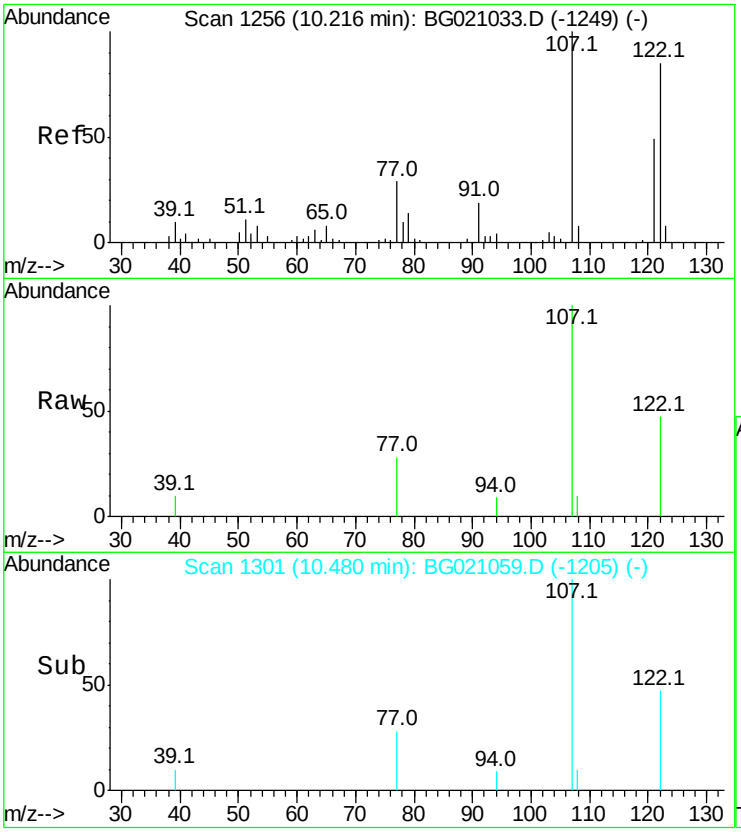


#23
Nitrobenzene-d5
Concen: 103.76 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion: 82 Resp: 39837

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.3	54.5
54	46.5	37.6	56.4



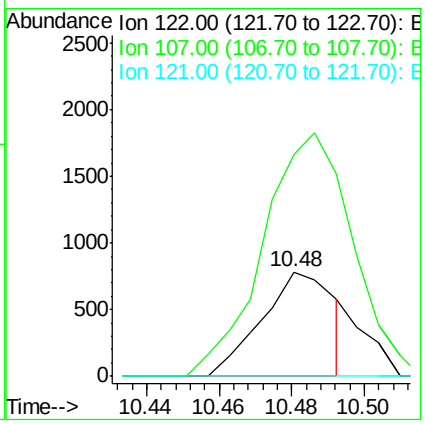


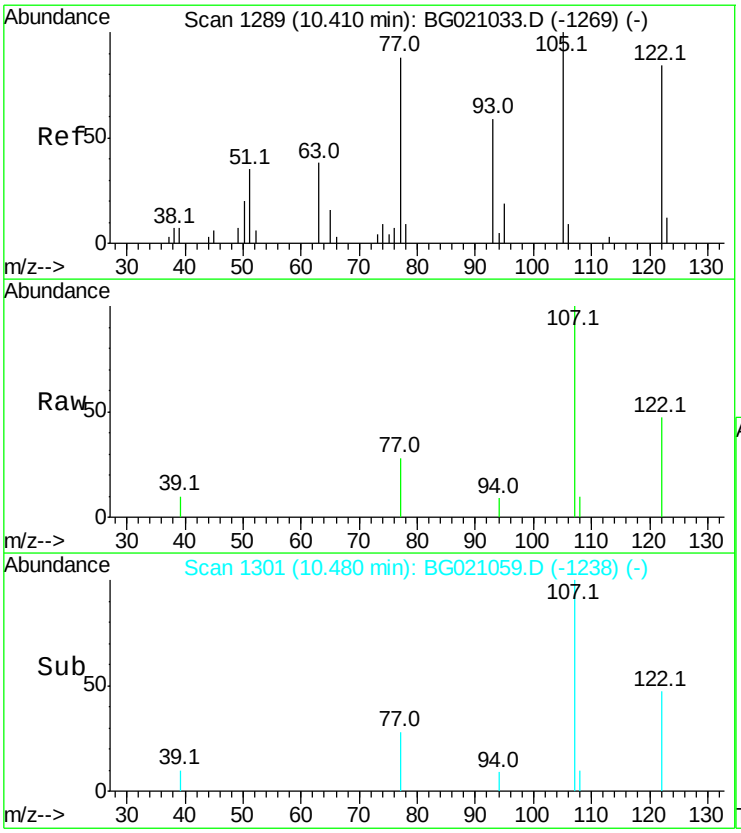
#27
2,4-Dimethylphenol
Concen: 3.25 ng
RT: 10.48 min Scan# 1301
Delta R.T. 0.26 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 1082

Ion	Ratio	Lower	Upper
122	100		
107	213.5	94.1	141.1#
121	0.0	45.9	68.9#

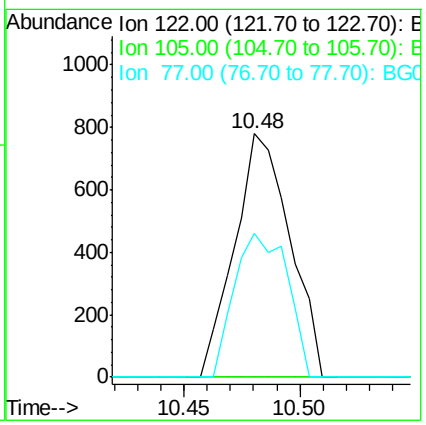


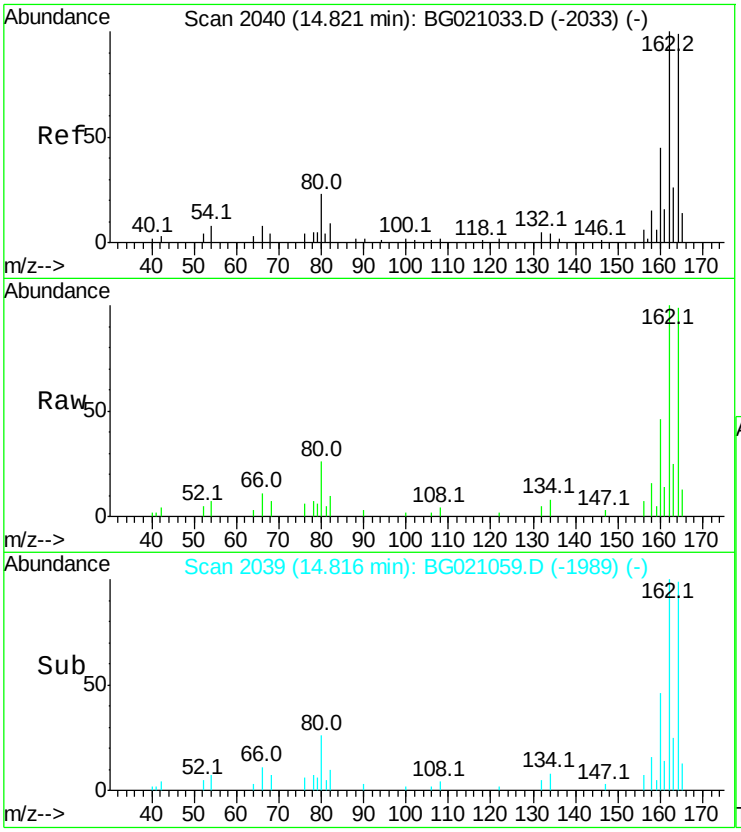


#32
Benzoic acid
Concen: 5.15 ng
RT: 10.48 min Scan# 1301
Delta R.T. 0.07 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:122 Resp: 1299

Ion	Ratio	Lower	Upper
122	100		
105	0.0	98.7	138.7#
77	59.0	84.5	124.5#



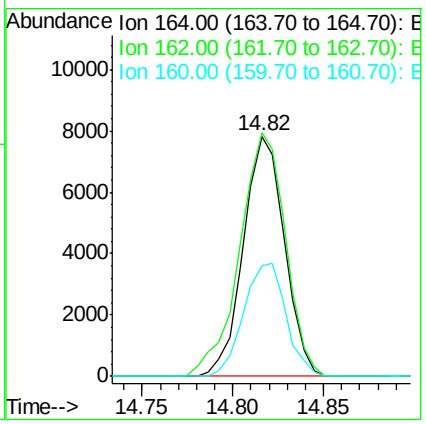


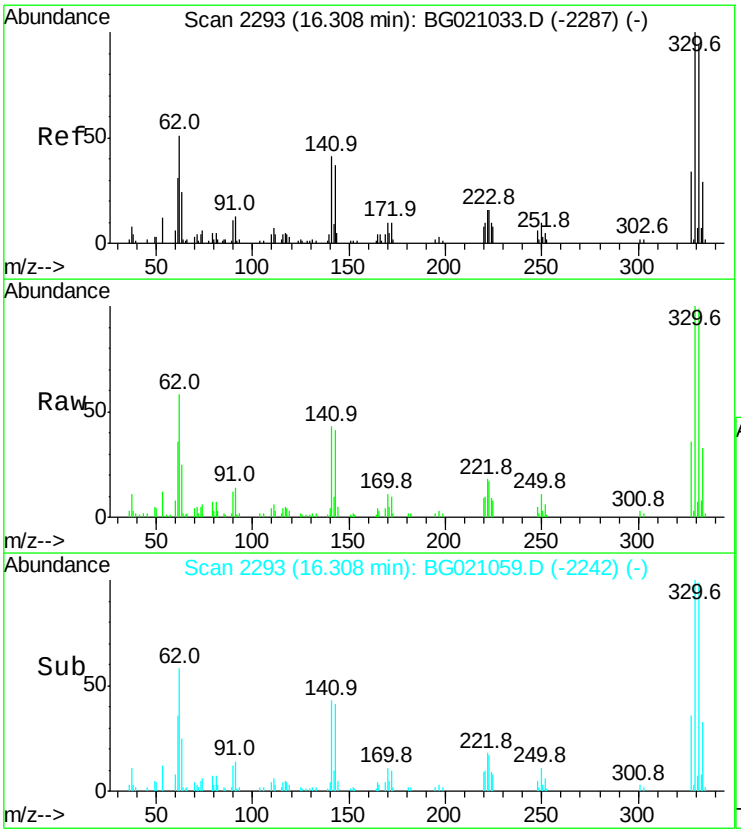
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 12376

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.3	36.5	54.7

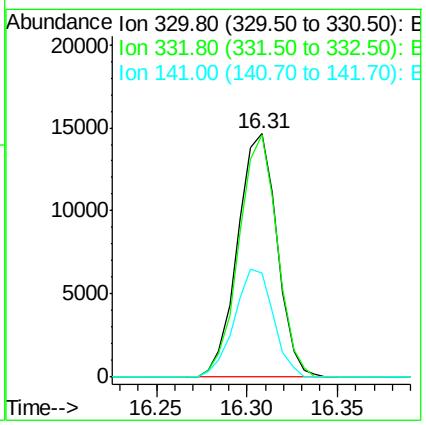


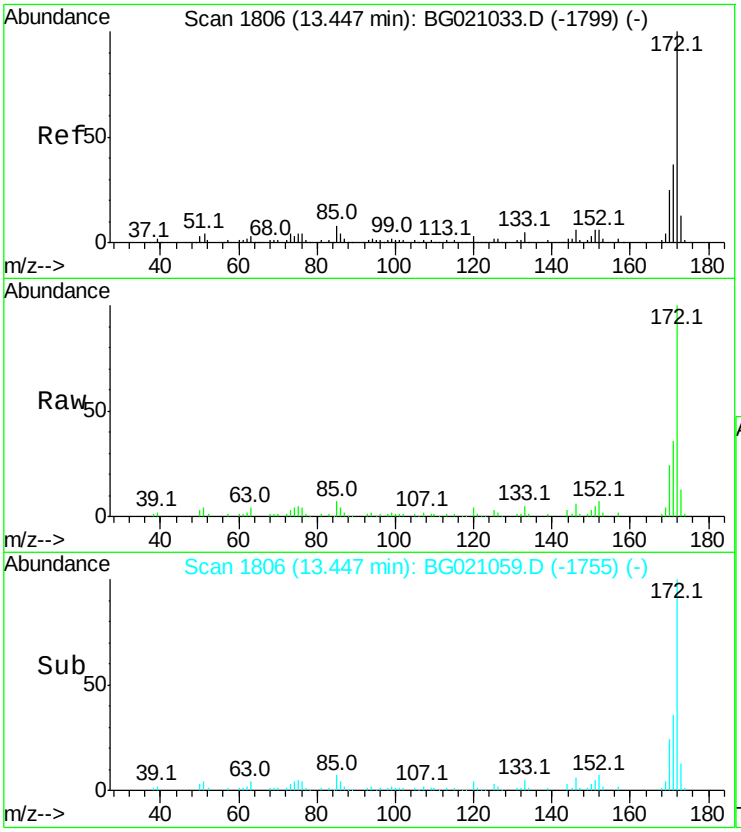


#41
2,4,6-Tribromophenol
Concen: 148.82 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:330 Resp: 22064

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	43.8	35.3	52.9



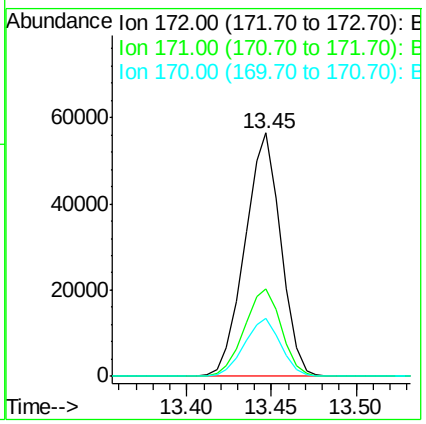


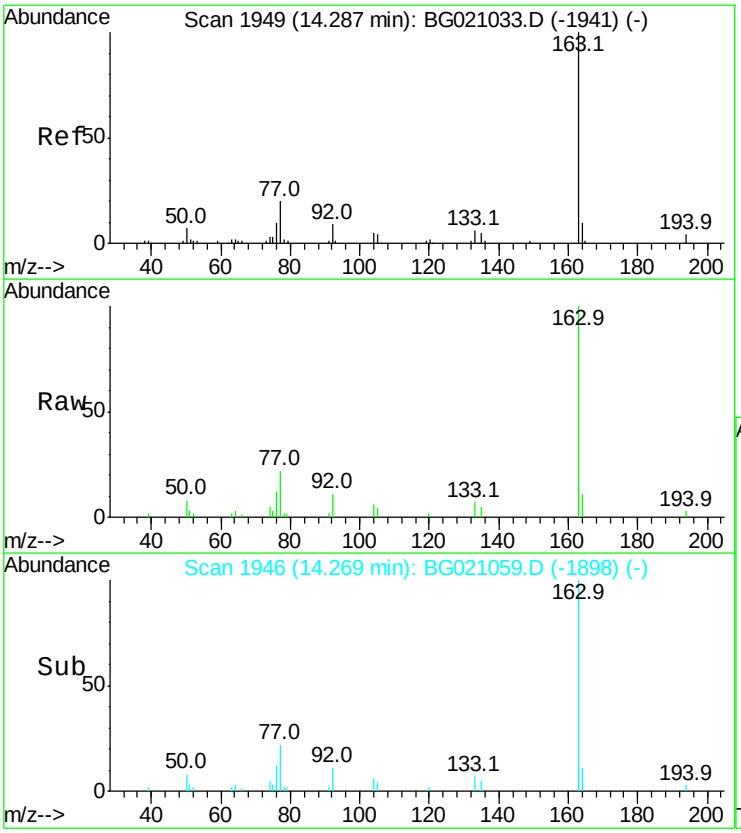
#44
2-Fluorobiphenyl
Concen: 93.64 ng
RT: 13.45 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 83247

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.9	19.8	29.8

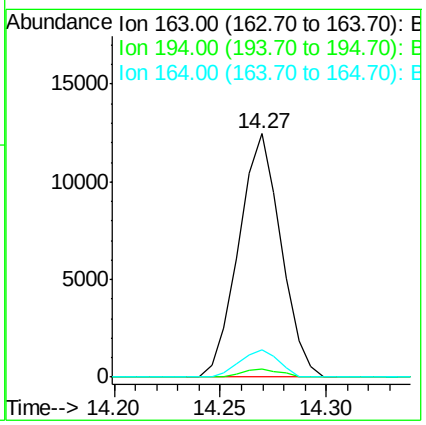


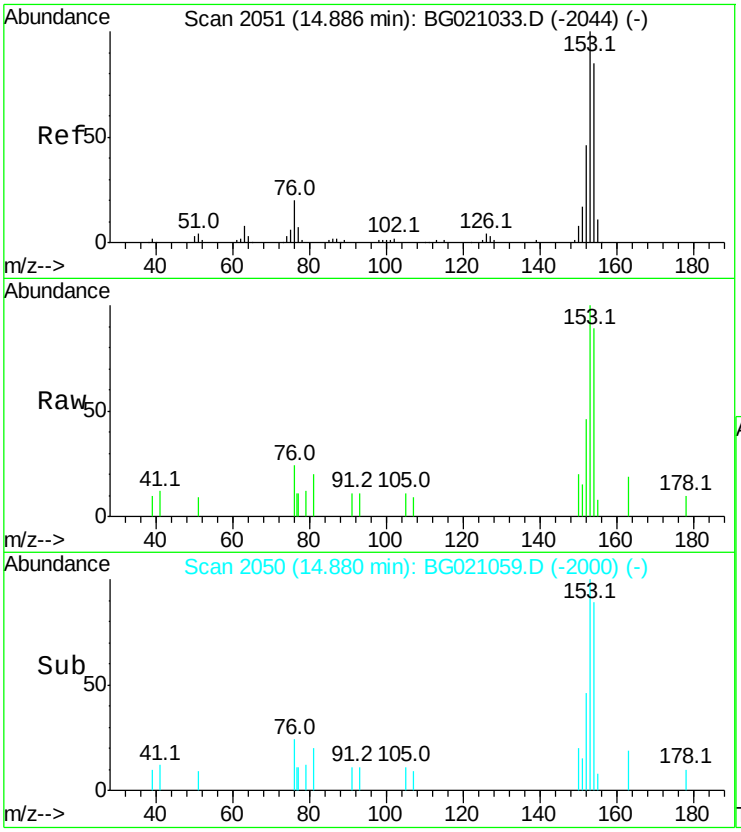


#49
Dimethylphthalate
Concen: 17.12 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:163 Resp: 17274

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	11.0	7.9	11.9



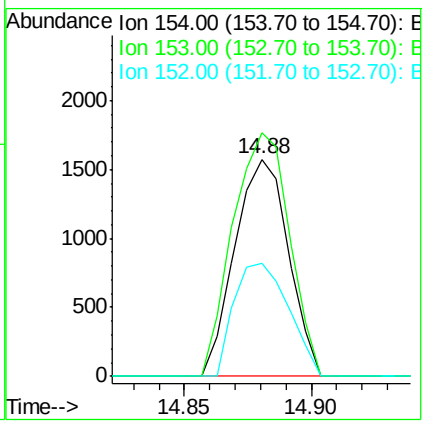


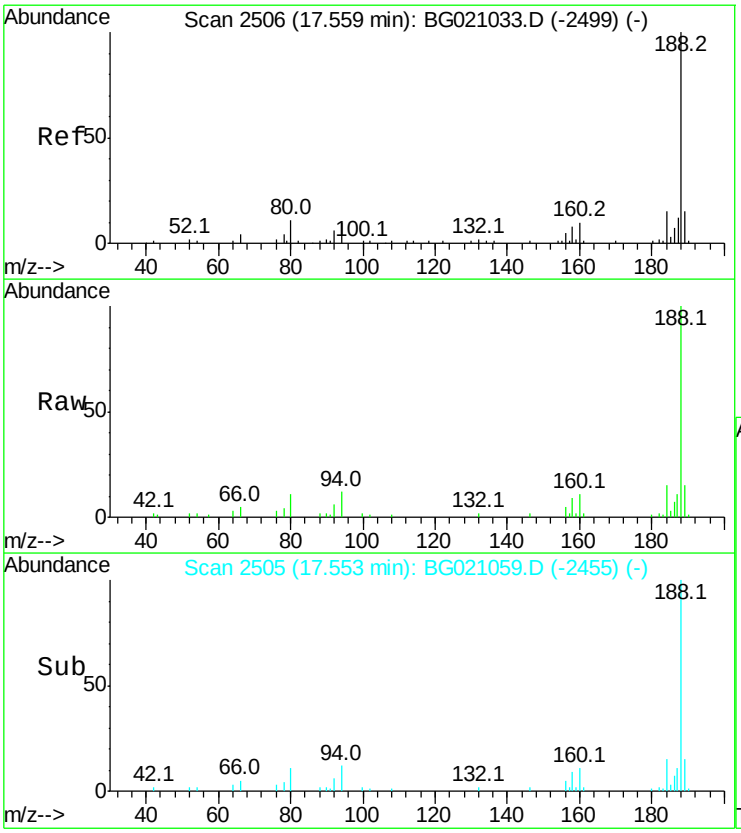
#51
Acenaphthene
Concen: 2.94 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 2320

Ion	Ratio	Lower	Upper
154	100		
153	112.1	94.2	141.2
152	51.9	42.9	64.3

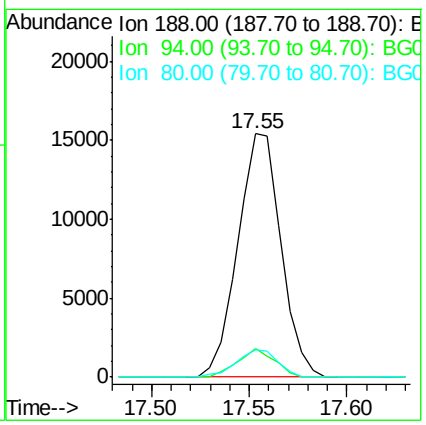


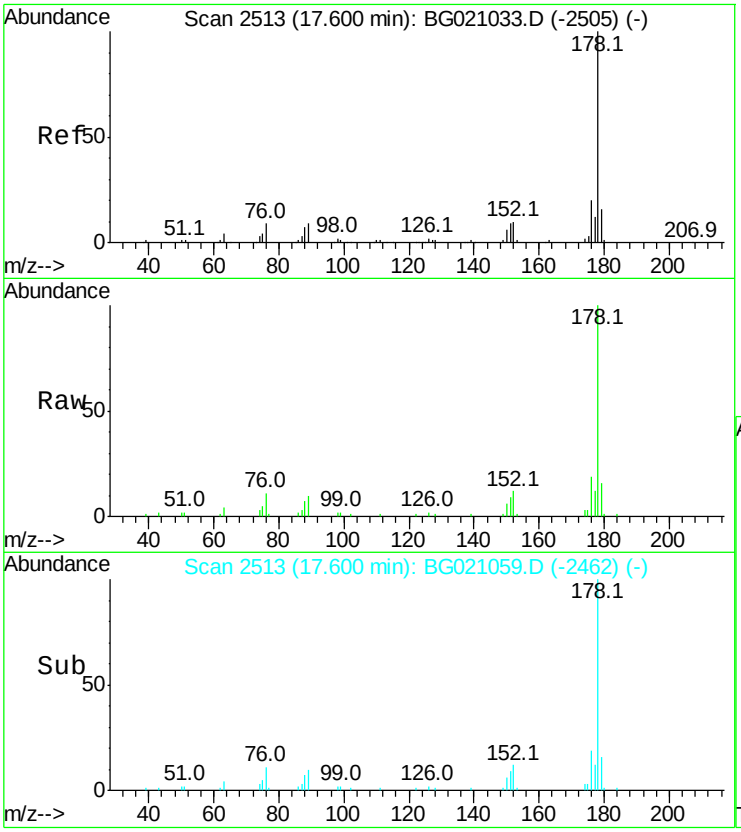


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:188 Resp: 23526

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.2	12.4
80	11.4	9.2	13.8



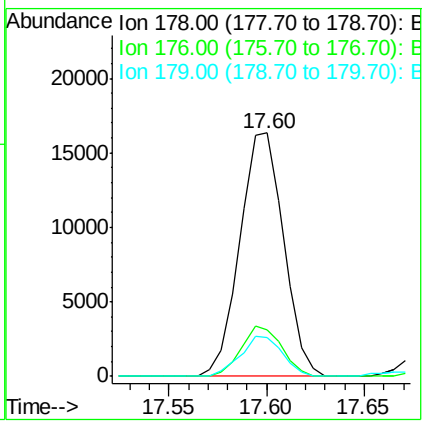


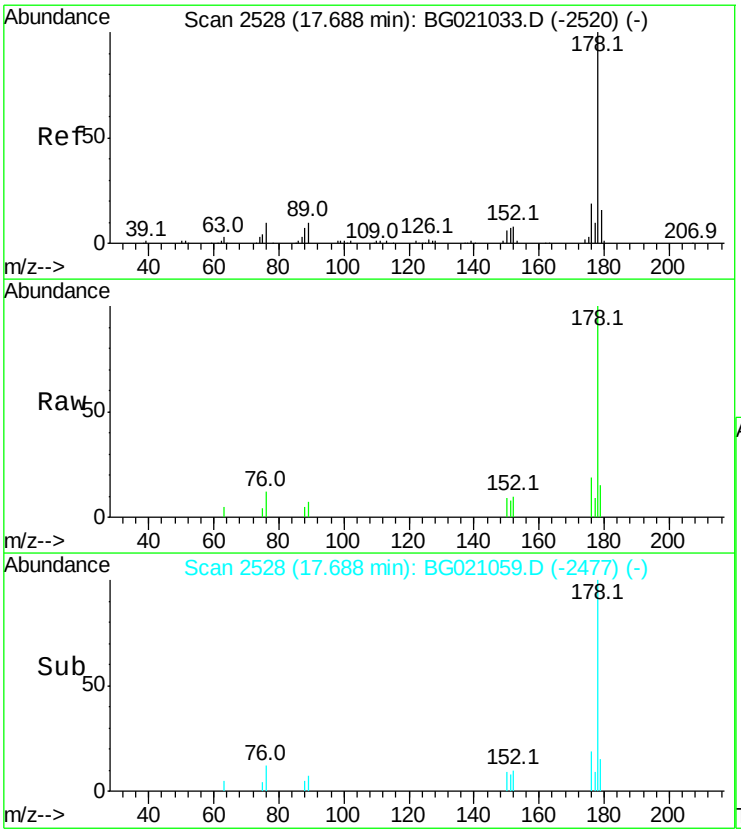
#70
Phenanthrene
Concen: 19.01 ng
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 25293

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	16.2	12.9	19.3

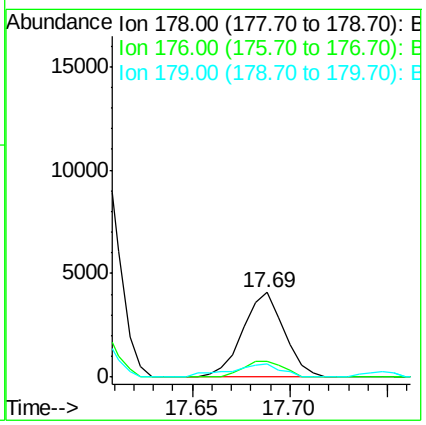


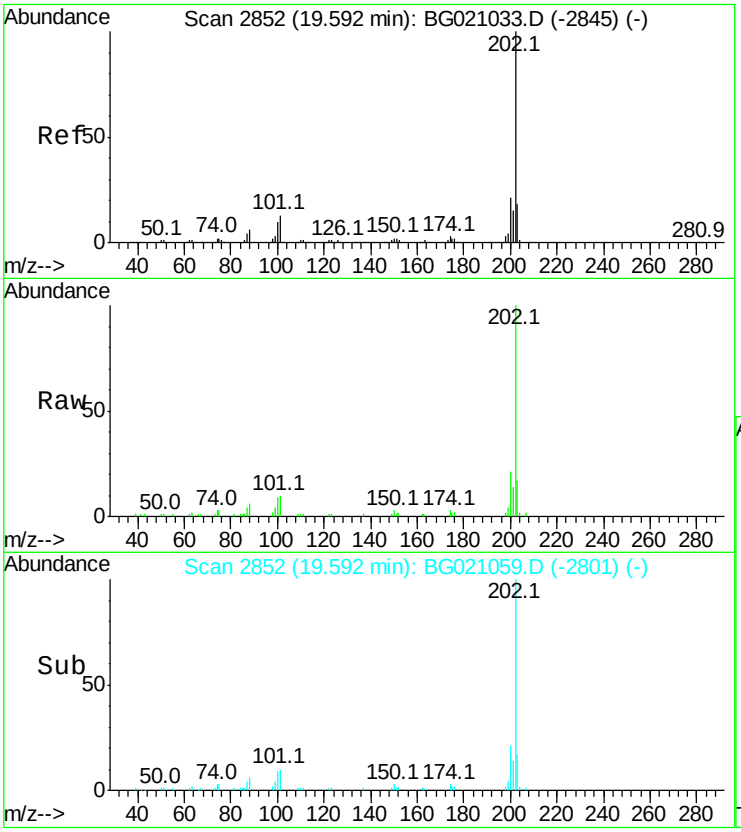


#71
Anthracene
Concen: 4.53 ng
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:178 Resp: 6007

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.8	22.2
179	15.2	12.6	19.0



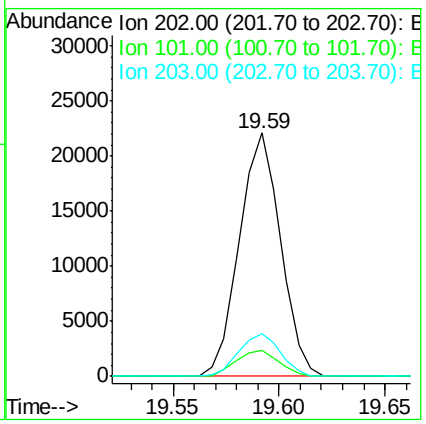


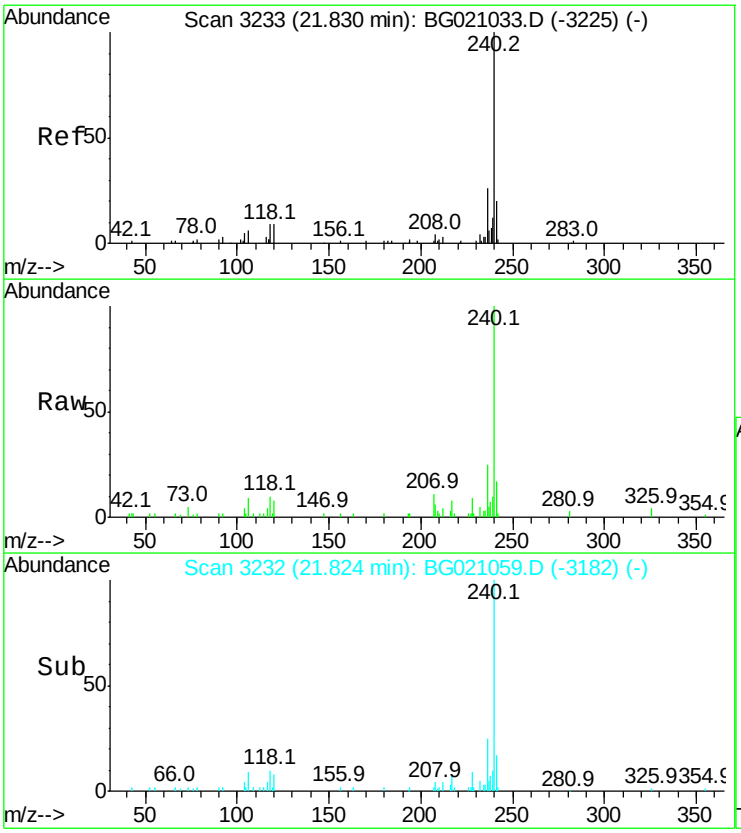
#74
Fluoranthene
Concen: 22.29 ng
RT: 19.59 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 29826

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.5
203	17.5	0.0	37.6

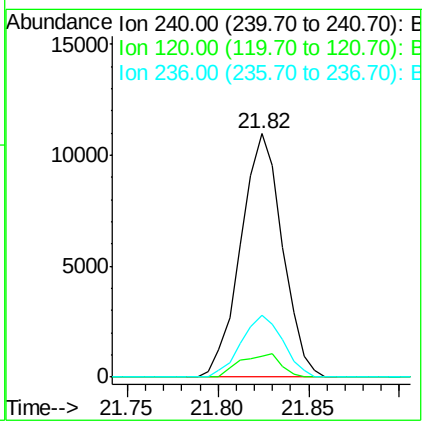


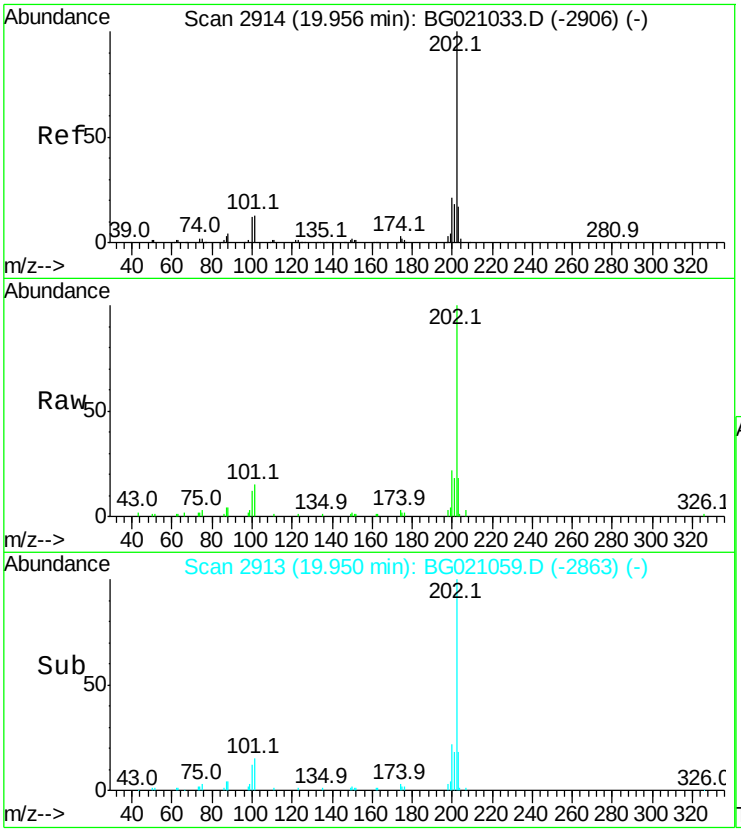


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:240 Resp: 17537

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.5	11.3
236	25.4	20.5	30.7



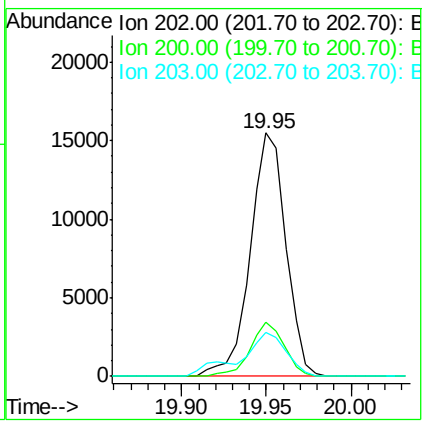


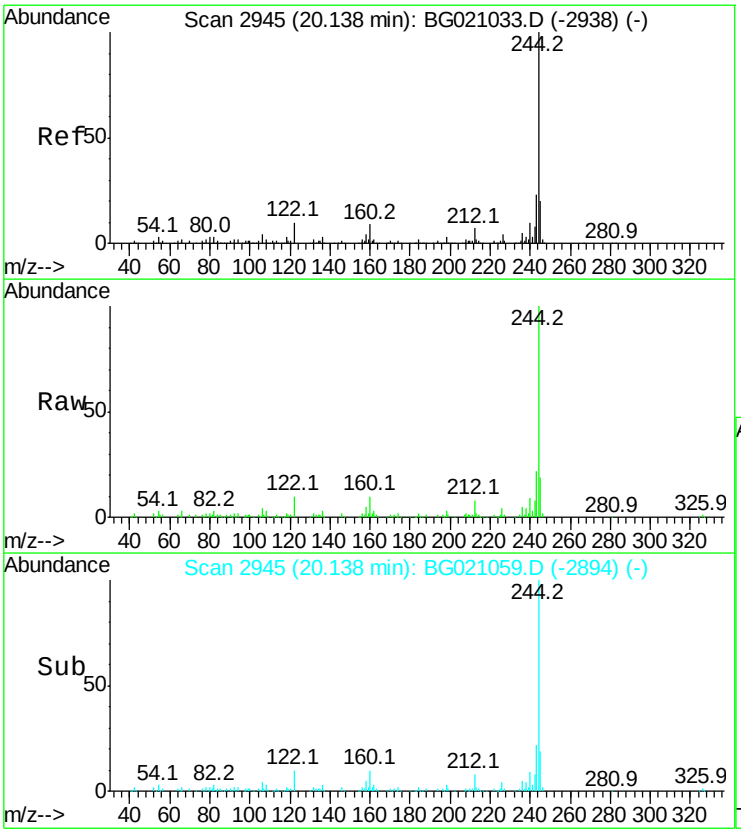
#77
Pyrene
Concen: 11.32 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 22690

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.6	25.0
203	18.0	13.8	20.8

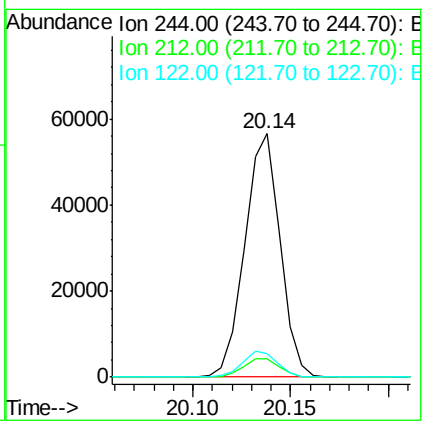


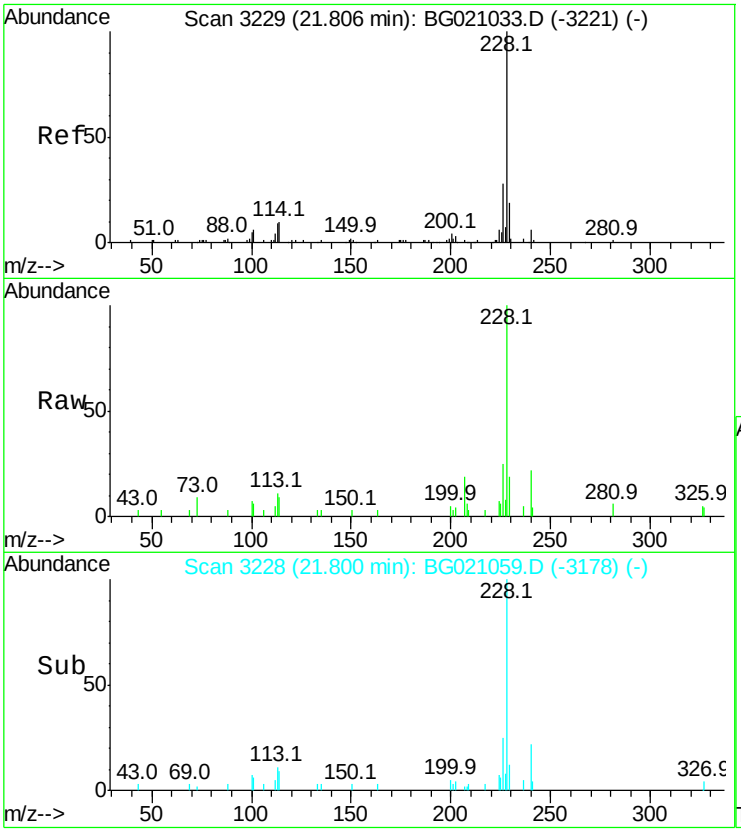


#78
Terphenyl-d14
Concen: 52.25 ng
RT: 20.14 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:244 Resp: 70612

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.9	8.3	12.5



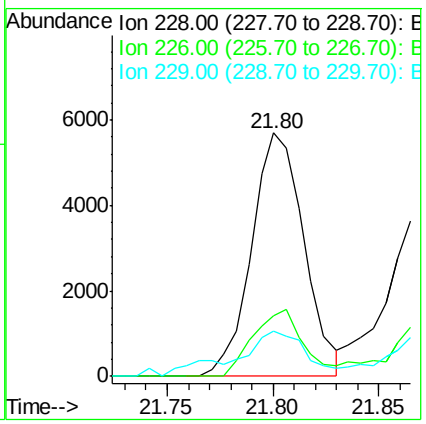


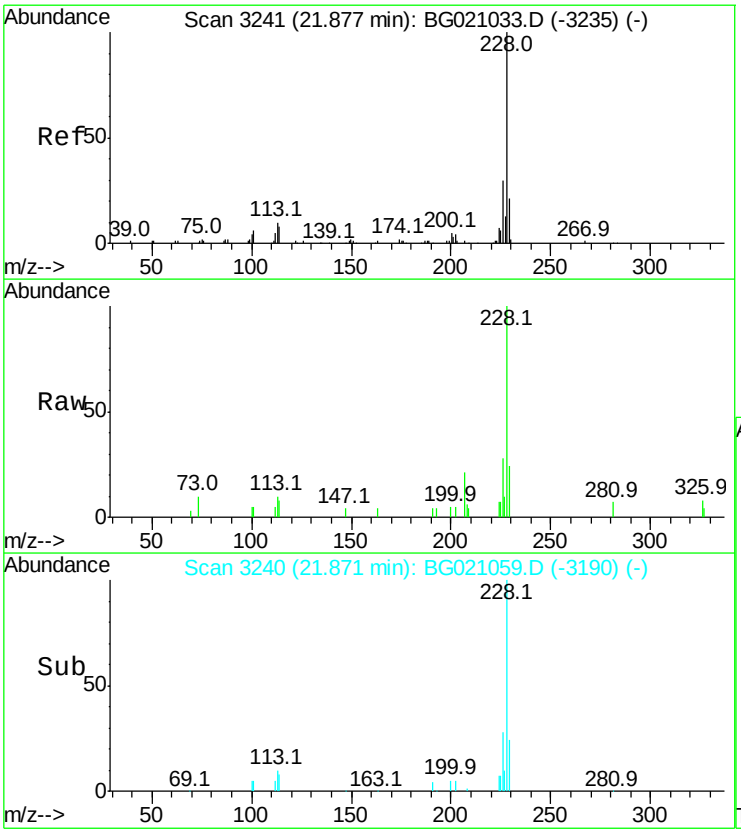
#80
Benzo(a)anthracene
Concen: 9.33 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 9816

Ion	Ratio	Lower	Upper
228	100		
226	25.0	22.7	34.1
229	18.7	15.5	23.3

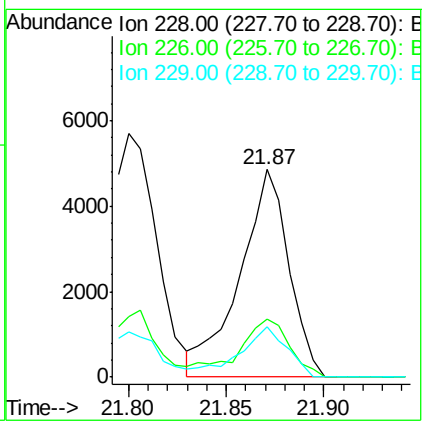


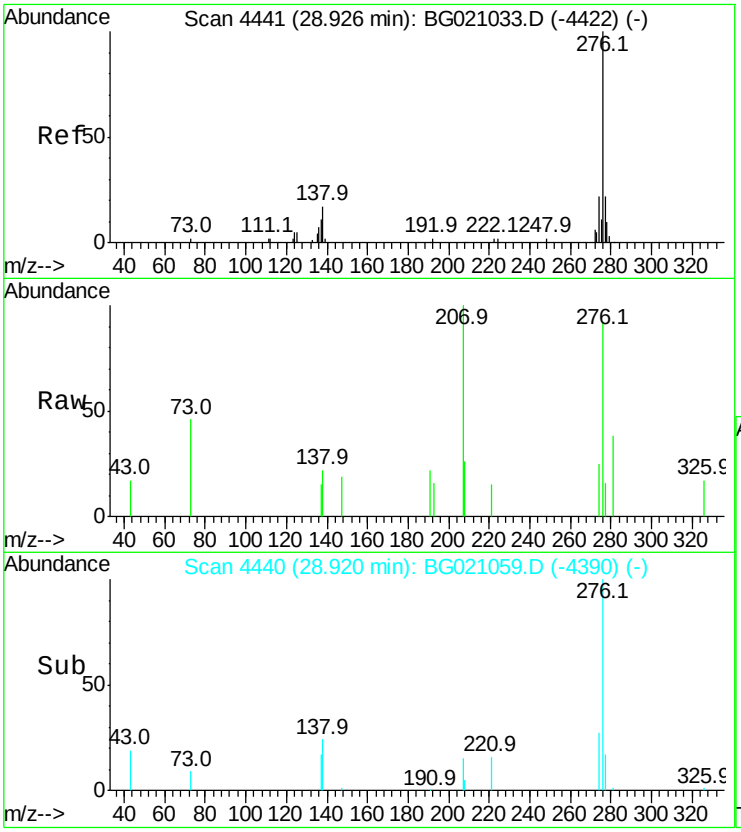


#82
Chrysene
Concen: 8.59 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:228 Resp: 8429

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.7	35.5
229	24.1	16.7	25.1



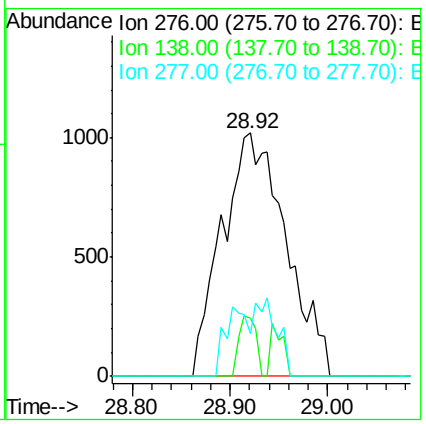


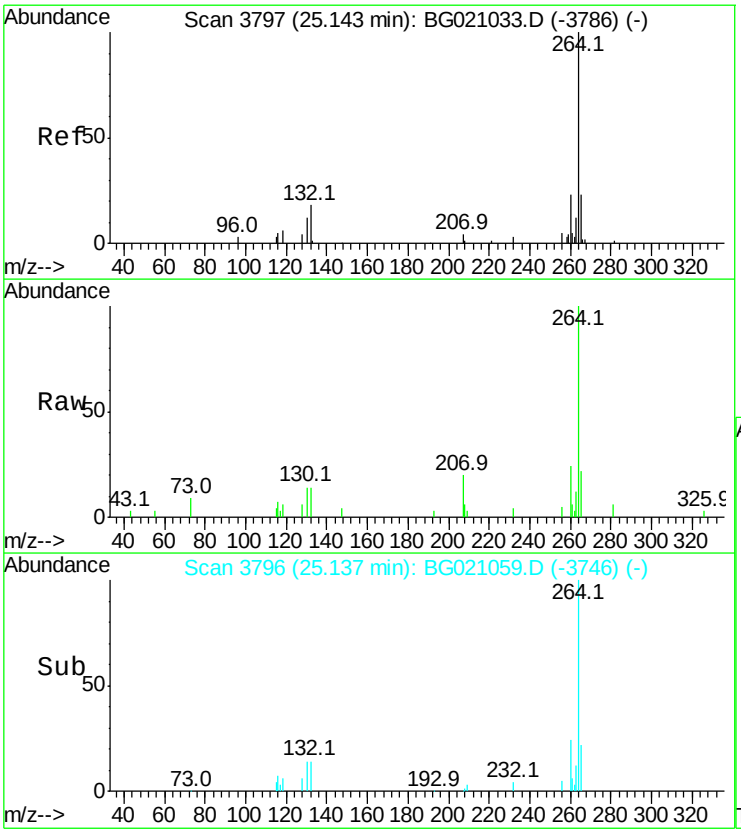
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.27 ng
RT: 28.92 min Scan# 4440
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 4652

Ion	Ratio	Lower	Upper
276	100		
138	6.5	0.0	0.0#
277	10.2	0.0	0.0#

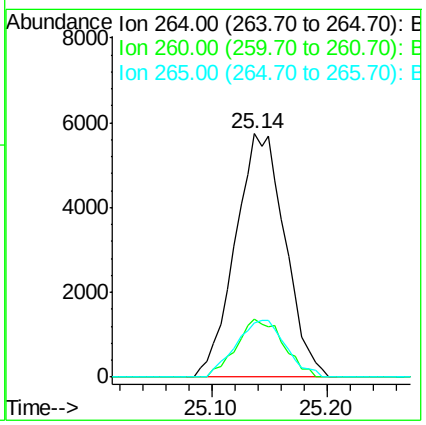


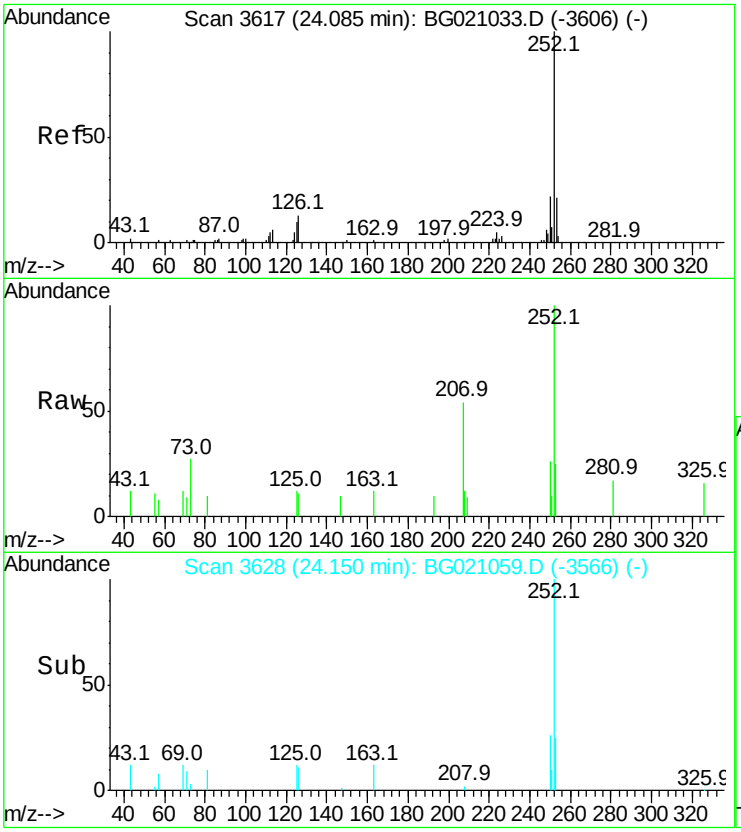


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:264 Resp: 17182

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	22.2	18.6	28.0



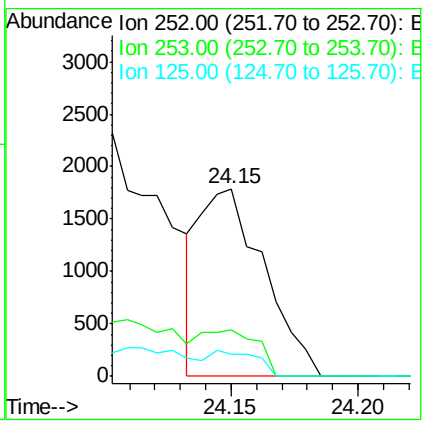


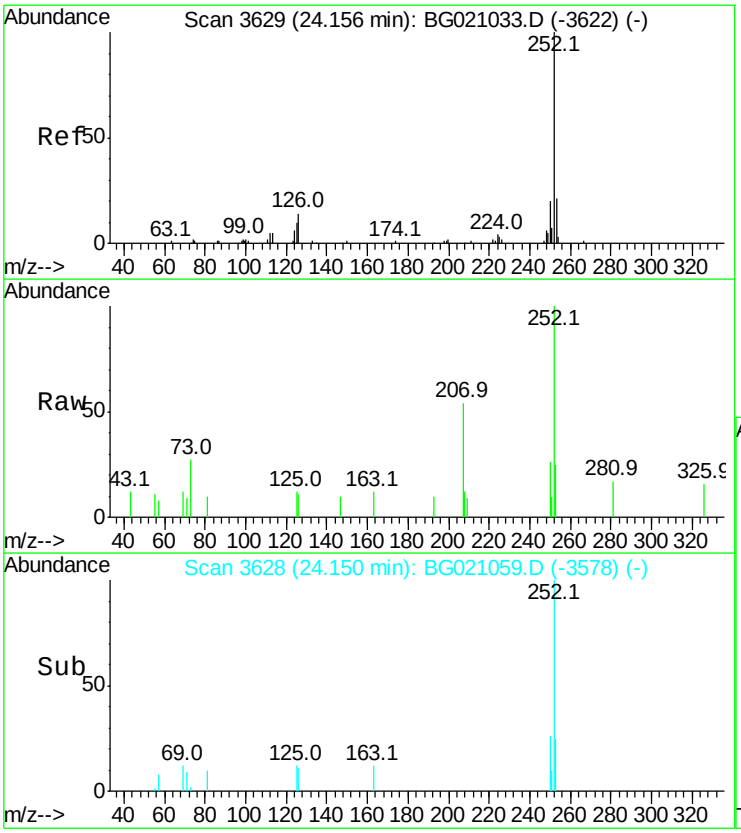
#87
Benzo(b)fluoranthene
Concen: 2.77 ng
RT: 24.15 min Scan# 3628
Delta R.T. 0.06 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 3133

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.8	25.2
125	11.7	8.2	12.2

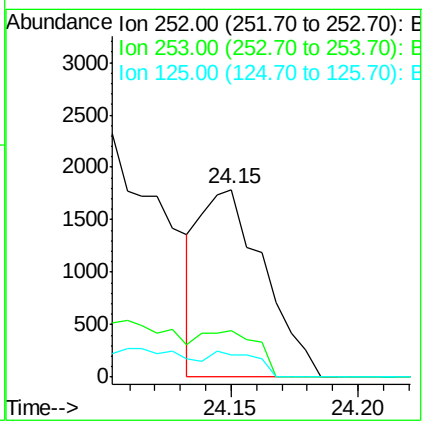


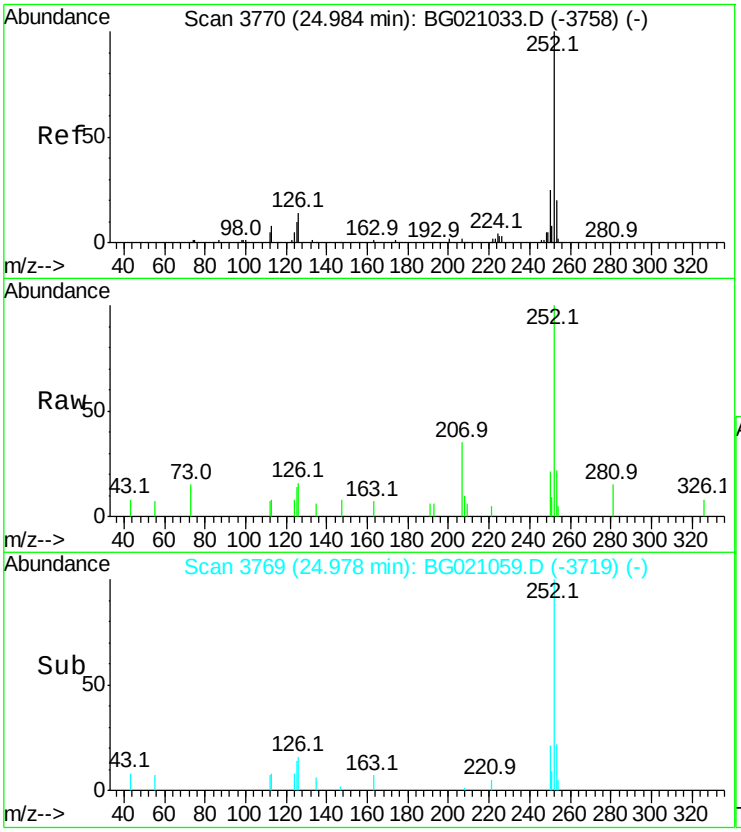


#88
Benzo(k)fluoranthene
Concen: 2.93 ng
RT: 24.15 min Scan# 3628
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:252 Resp: 3133

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.4	24.6#
125	11.7	8.2	12.2



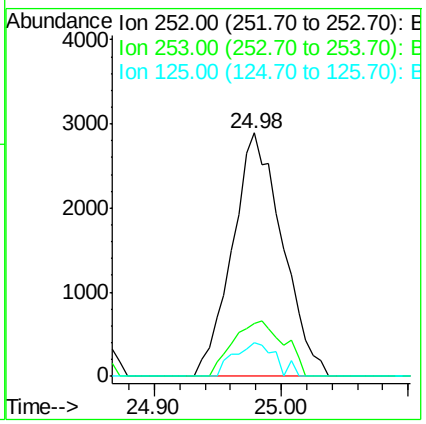


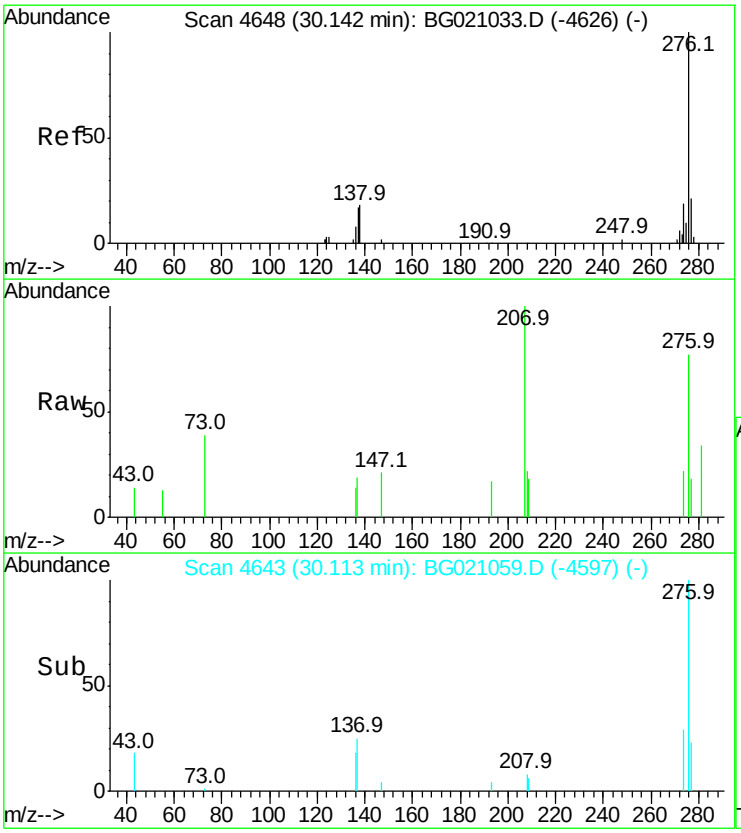
#89
Benzo(a)pyrene
Concen: 7.81 ng
RT: 24.98 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 7929

Ion	Ratio	Lower	Upper
252	100		
253	21.6	15.8	23.8
125	14.0	8.4	12.6#





#91
Benzo(g,h,i)perylene
Concen: 2.29 ng
RT: 30.11 min Scan# 4643
Delta R.T. -0.03 min
Lab File: BG021059.D
Acq: 24 Feb 2016 19:52

Tgt Ion:276 Resp: 2090

Ion	Ratio	Lower	Upper
276	100		
277	23.2	16.6	25.0
138	0.0	14.6	21.8#