Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021057.D
Acq On : 24 Feb 2016 18:32
Operator : UM/SJ
Sample : H1520-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 24 23:58:19 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	4686	20.00	ng		0.00
21) Naphthalene-d8	11.02	136	24948	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	14186	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	25935	20.00	ng		0.00
75) Chrysene-d12	21.83	240	18917	20.00	ng		0.00
86) Perylene-d12	25.15	264	18274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	33250	124.40	ng		0.00
7) Phenol-d6	7.41	99	52204	126.82	ng		0.00
23) Nitrobenzene-d5	9.39	82	34945	82.24	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	19121	112.51	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	67442	66.18	ng		0.00
78) Terphenyl-d14	20.14	244	55027	37.75	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.27	163	13764	11.90	ng		98
51) Acenaphthene	14.88	154	7811	8.63	ng		96
54) Dibenzofuran	15.21	168	5995	4.66	ng	#	92
55) 4-Nitrophenol	15.21	139	2620	11.17	ng	#	7
57) Fluorene	15.86	166	8628	7.11	ng		96
70) Phenanthrene	17.60	178	95680	65.22	ng		98
71) Anthracene	17.69	178	24147	16.52	ng		98
72) Carbazole	17.97	167	8714	6.62	ng		97
74) Fluoranthene	19.60	202	118828	80.54	ng		98
77) Pyrene	19.95	202	91874	42.51	ng		98
80) Benzo(a)anthracene	21.80	228	42959	37.87	ng		99
82) Chrysene	21.87	228	32428	30.64	ng		96
85) Indeno(1,2,3-cd)pyrene	28.93	276	20658	21.70	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	44877	37.25	ng		99
88) Benzo(k)fluoranthene	24.09	252	44877	39.48	ng		98
89) Benzo(a)pyrene	24.99	252	32820	30.40	ng		97
90) Dibenzo(a,h)anthracene	28.96	278	2527	2.60	ng	#	85
91) Benzo(g,h,i)perylene	30.13	276	17823	18.37	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021057.D
Acq On : 24 Feb 2016 18:32
Operator : UM/SJ
Sample : H1520-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_G
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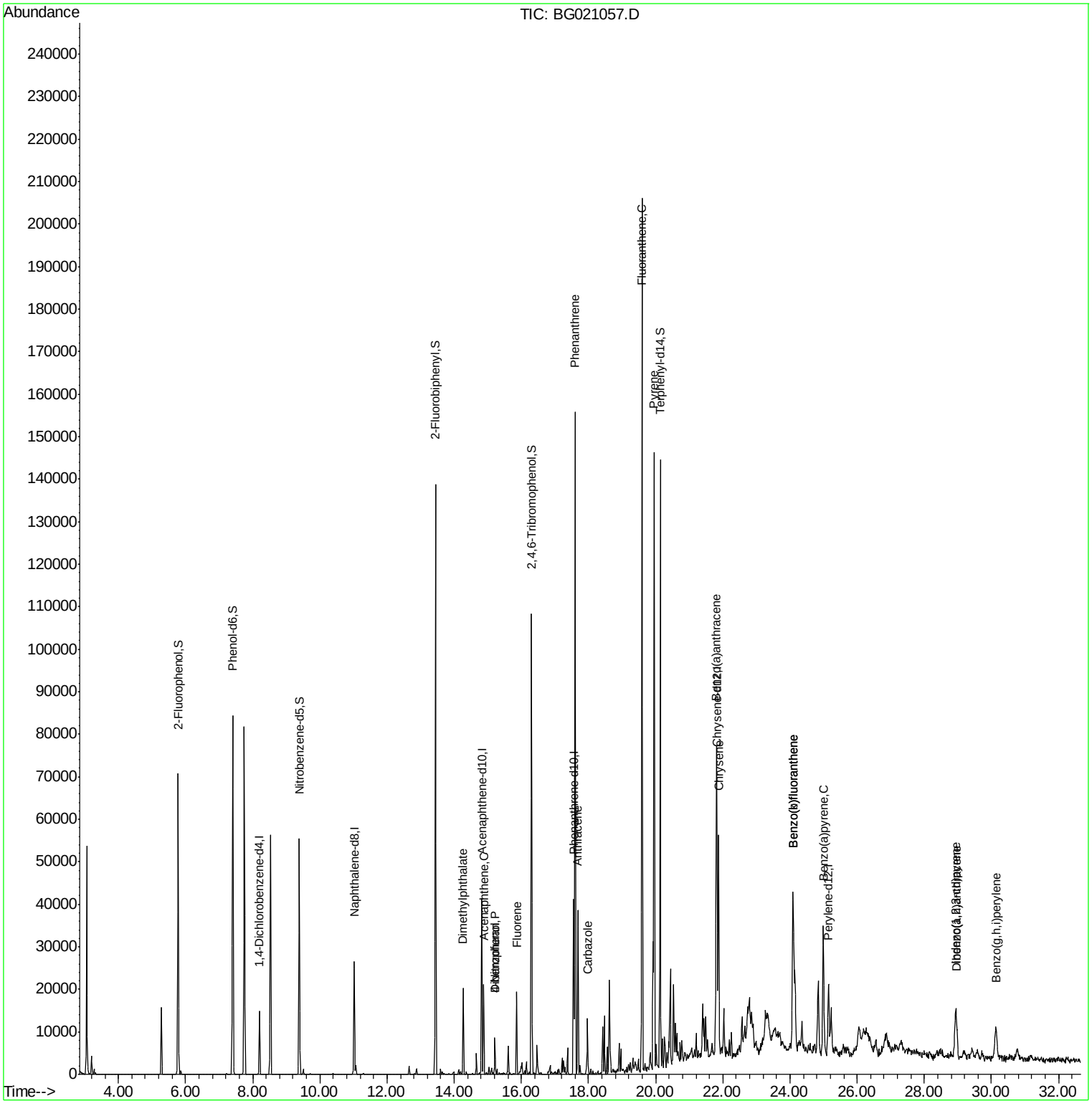
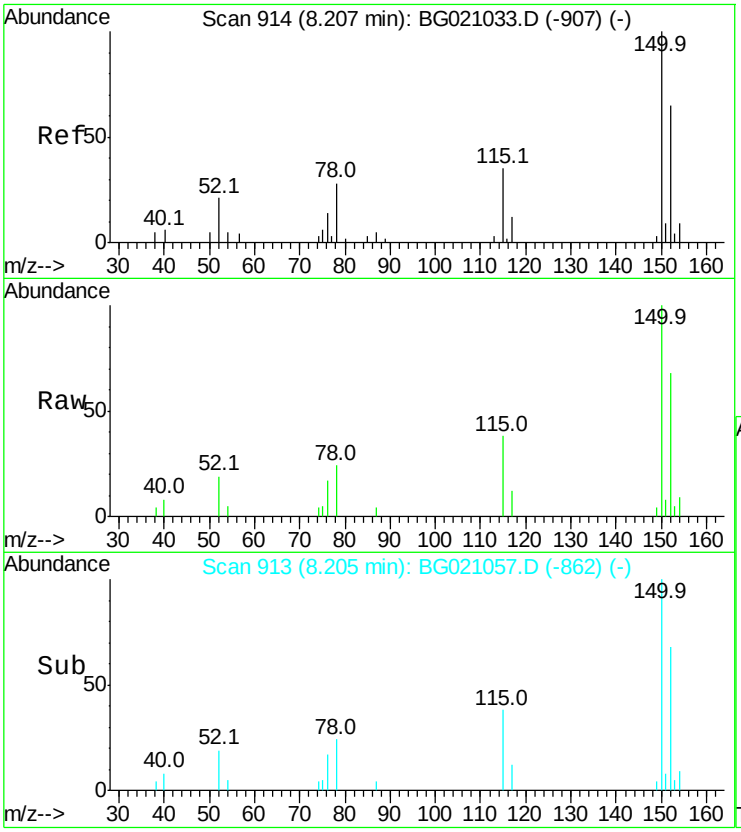


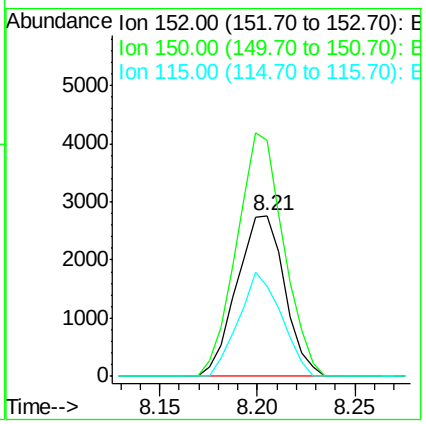


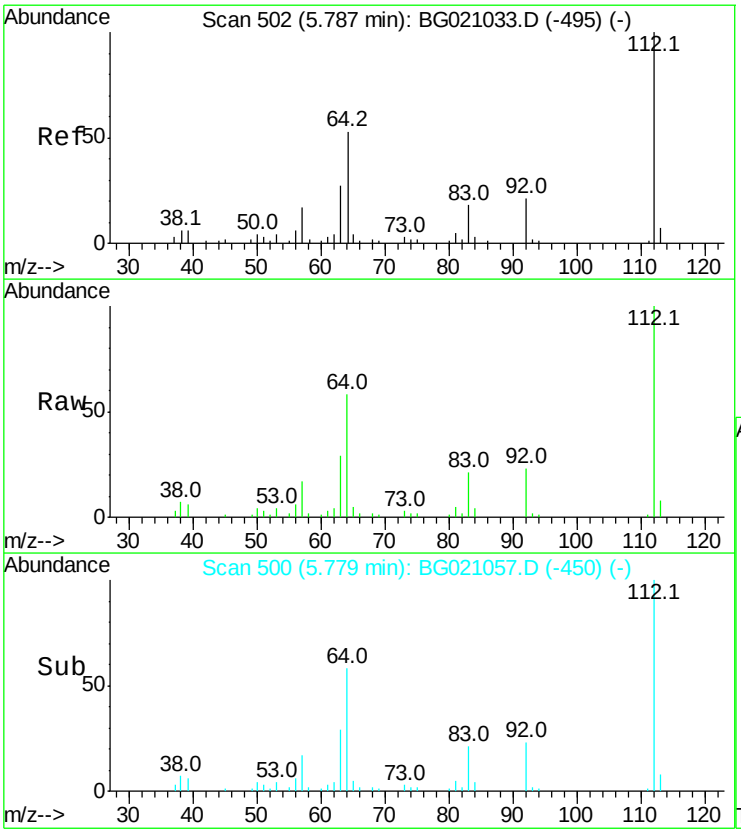
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 4686

Ion	Ratio	Lower	Upper
152	100		
150	146.9	123.4	185.2
115	56.0	43.3	64.9

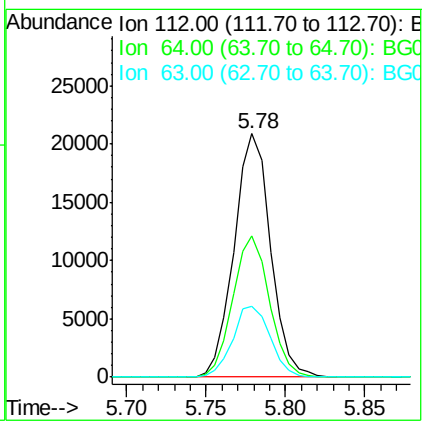


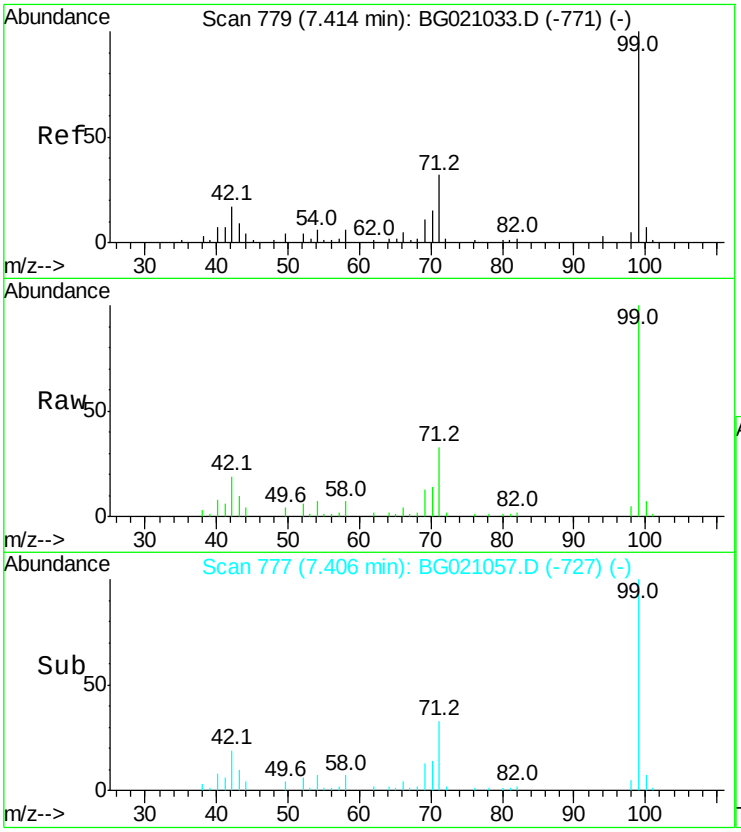


#5
2-Fluorophenol
Concen: 124.40 ng
RT: 5.78 min Scan# 500
Delta R.T. -0.01 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:112 Resp: 33250

Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.6	63.8
63	29.1	21.7	32.5



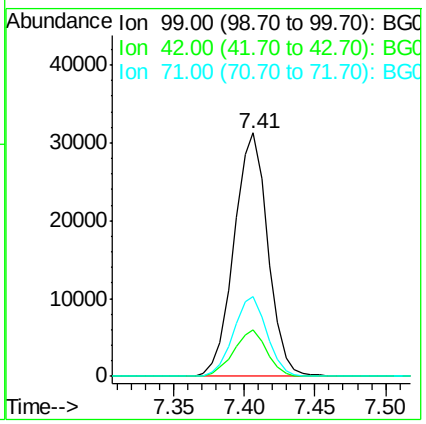


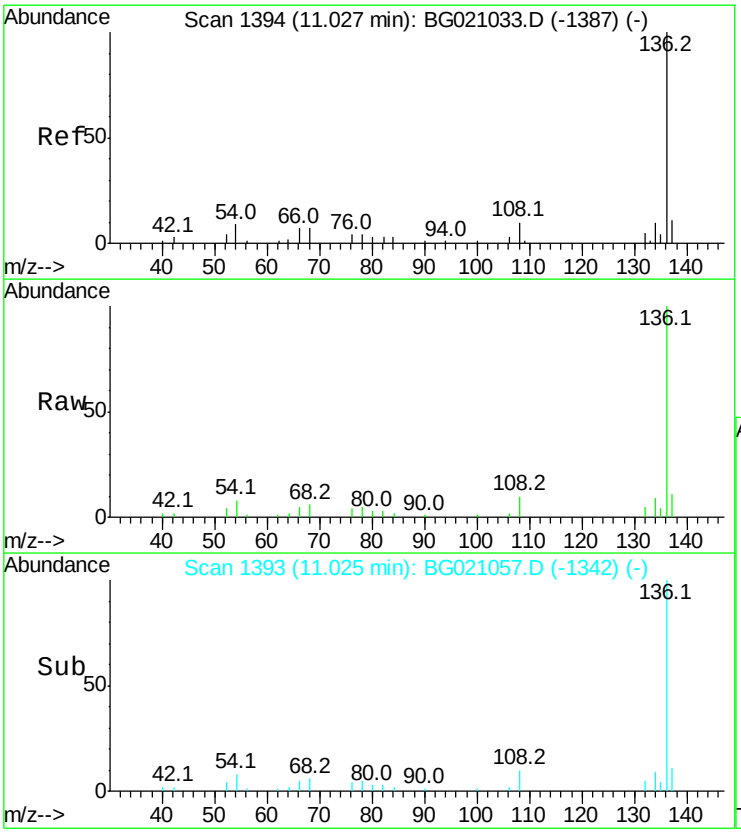
#7
Phenol-d6
Concen: 126.82 ng
RT: 7.41 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 52204

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.2	19.8
71	32.6	25.2	37.8

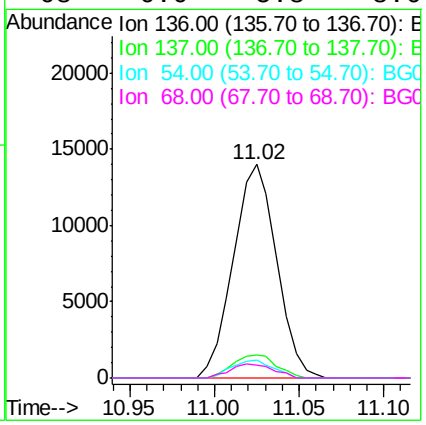


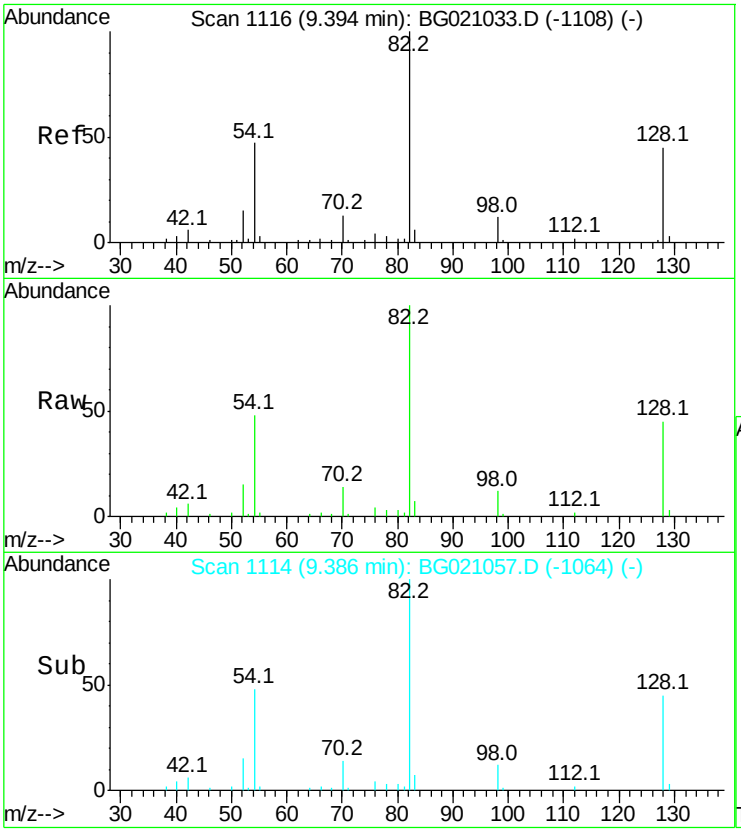


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:136 Resp: 24948

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	6.9	10.3
68	6.0	5.8	8.6



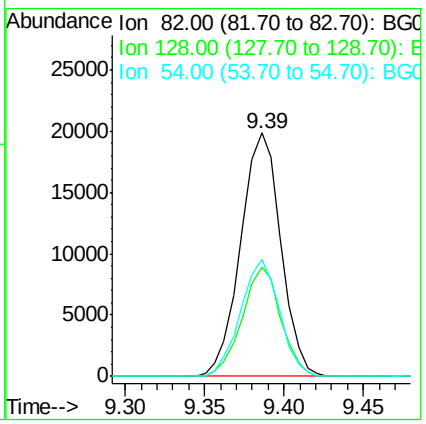


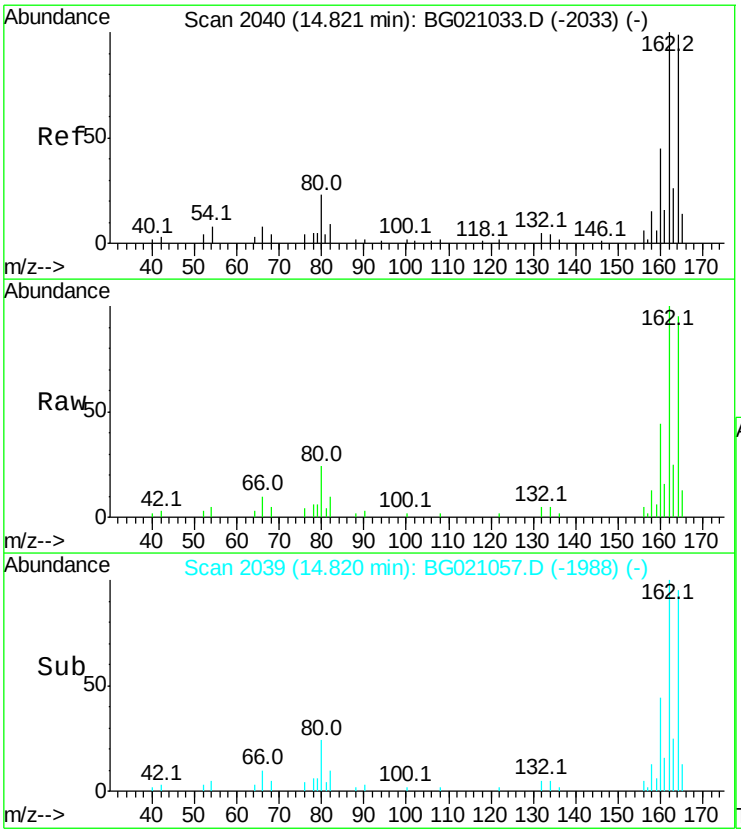
#23
Nitrobenzene-d5
Concen: 82.24 ng
RT: 9.39 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 34945

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	48.0	37.6	56.4

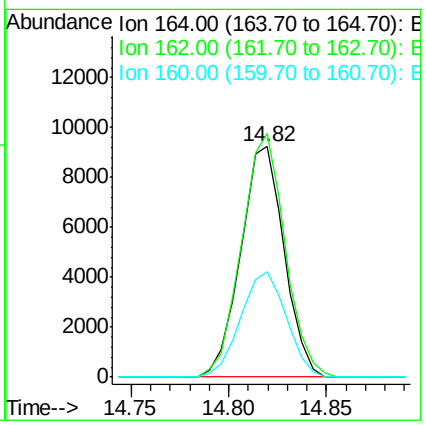


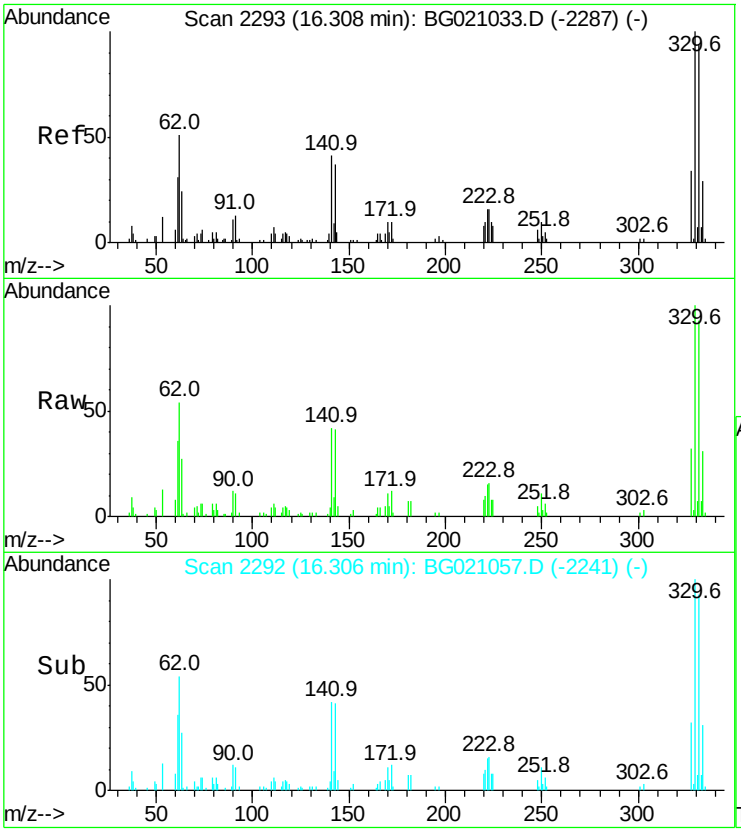


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:164 Resp: 14186

Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.6	120.8
160	46.0	36.5	54.7



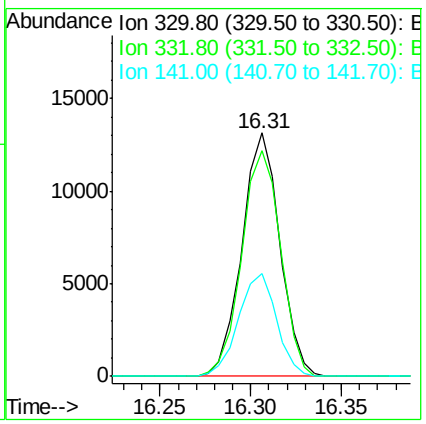


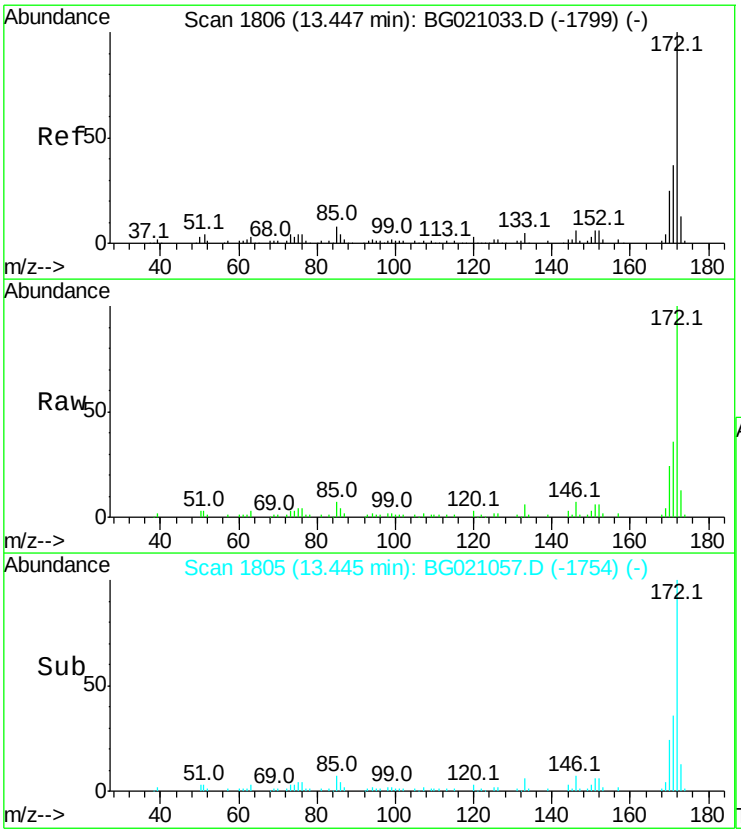
#41
2,4,6-Tribromophenol
Concen: 112.51 ng
RT: 16.31 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 19121

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.0
141	42.5	35.3	52.9

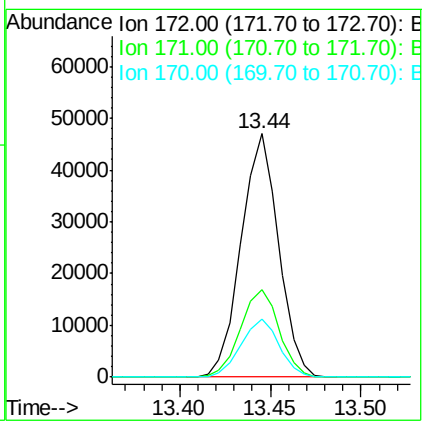


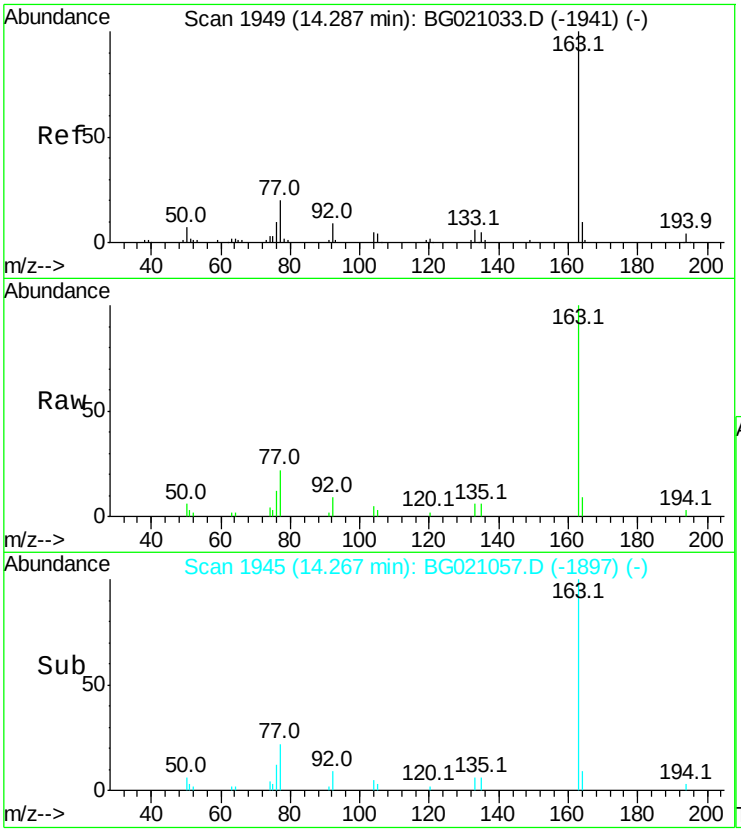


#44
2-Fluorobiphenyl
Concen: 66.18 ng
RT: 13.44 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:172 Resp: 67442

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.0	19.8	29.8



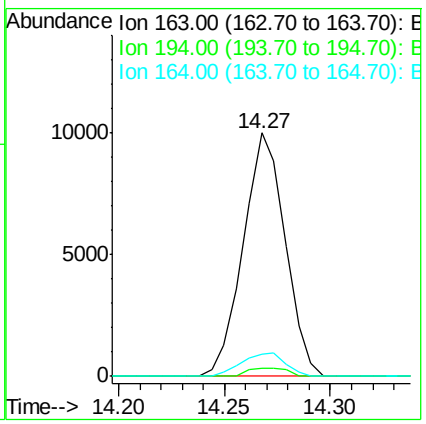


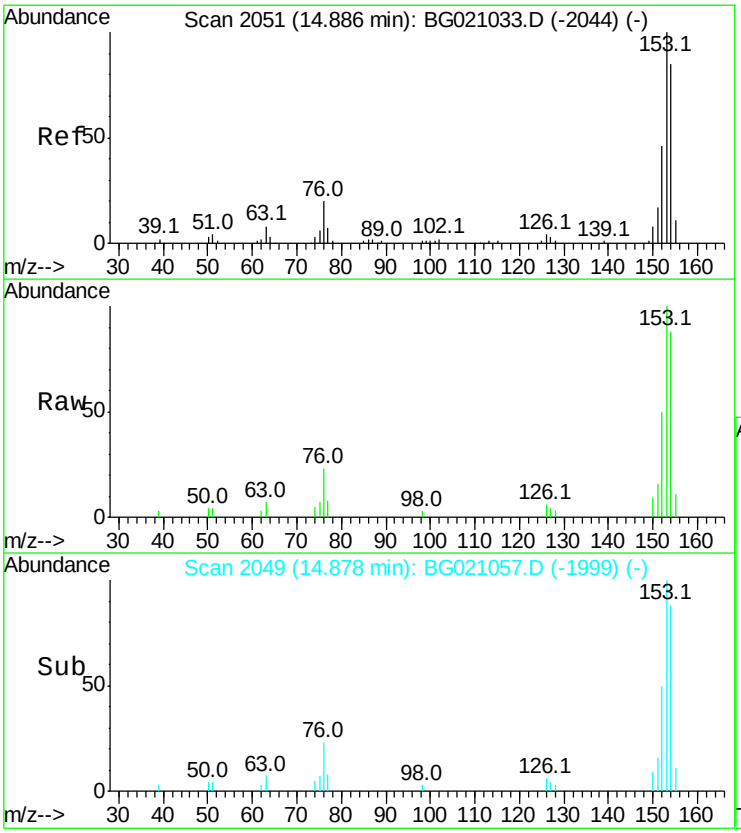
#49
Dimethylphthalate
Concen: 11.90 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 13764

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	8.9	7.9	11.9

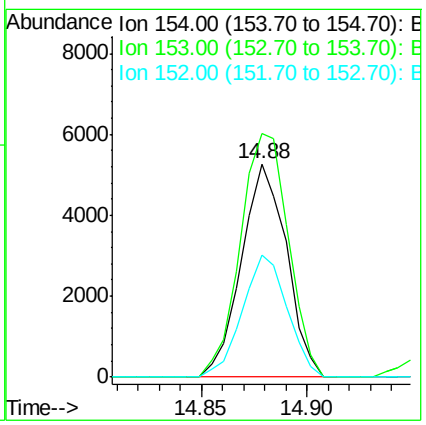


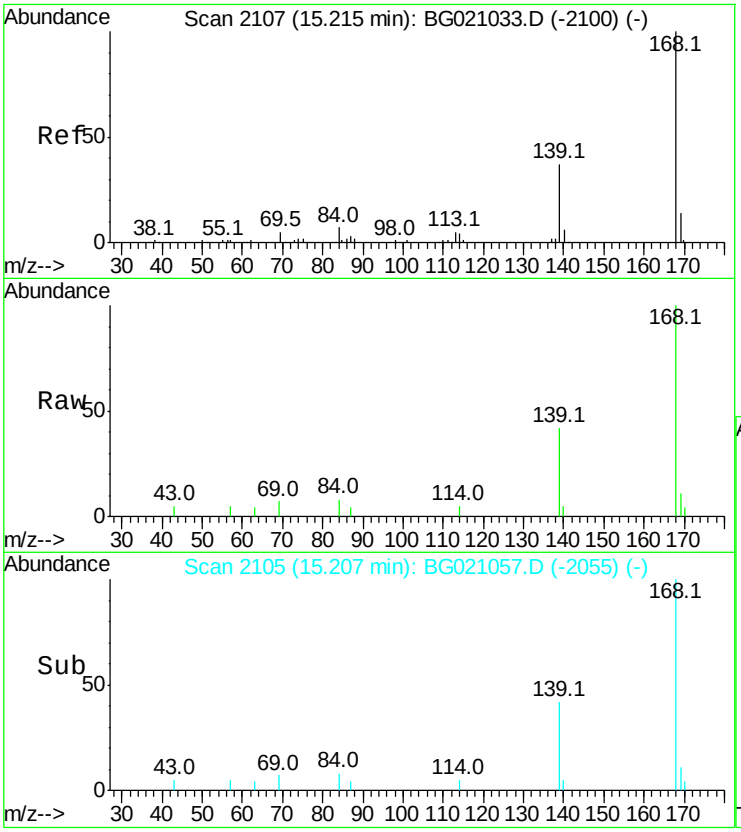


#51
Acenaphthene
Concen: 8.63 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:154 Resp: 7811

Ion	Ratio	Lower	Upper
154	100		
153	114.1	94.2	141.2
152	57.0	42.9	64.3



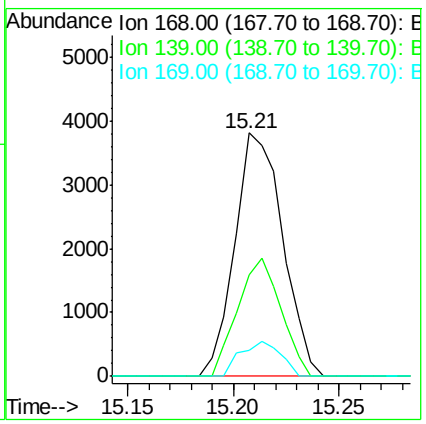


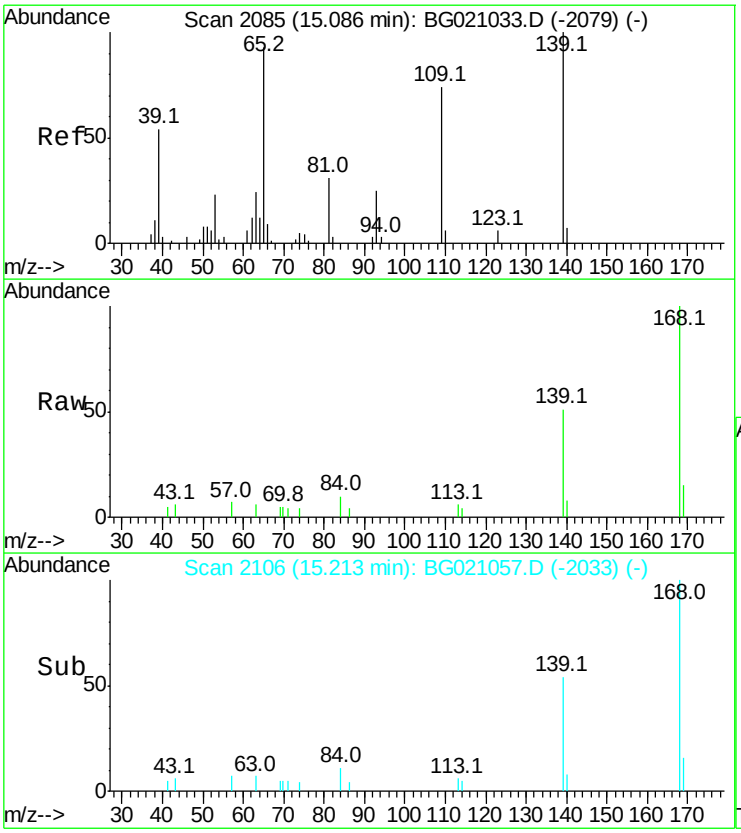
#54
Dibenzofuran
Concen: 4.66 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 5995

Ion	Ratio	Lower	Upper
168	100		
139	41.9	29.8	44.8
169	10.6	11.4	17.2#

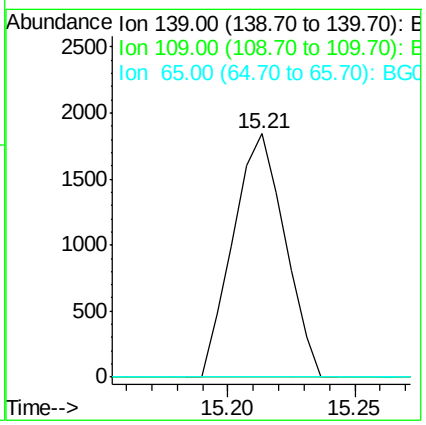


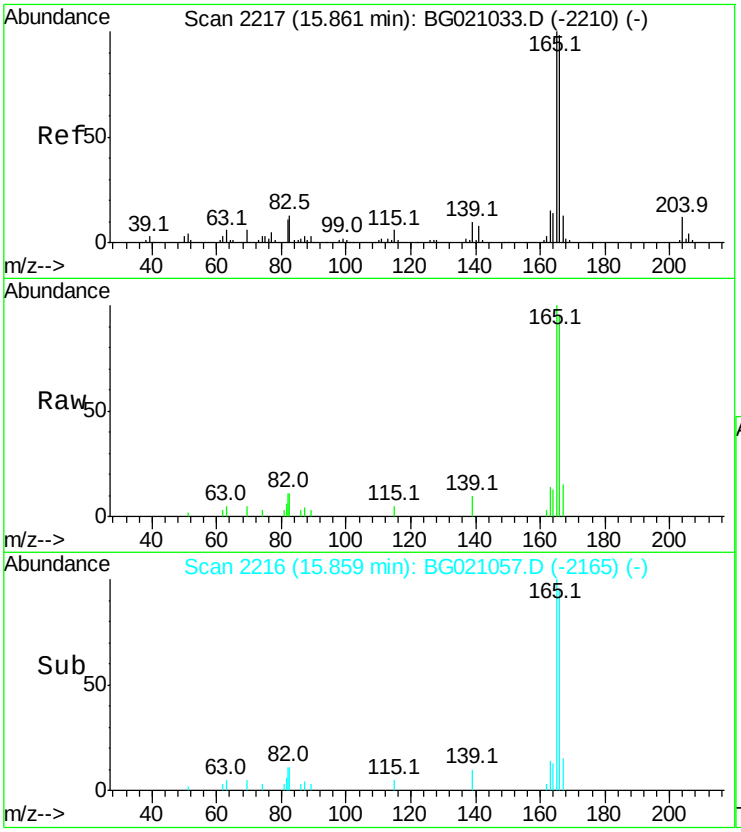


#55
4-Nitrophenol
Concen: 11.17 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.13 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:139 Resp: 2620

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.1	94.1#
65	0.0	73.4	113.4#



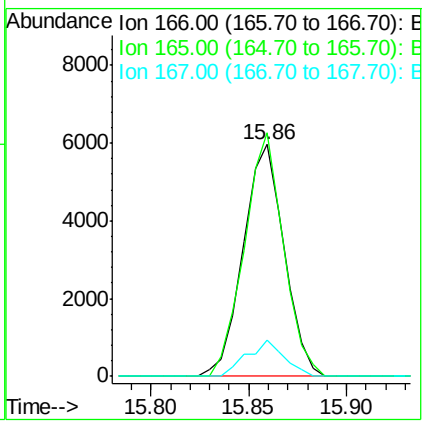


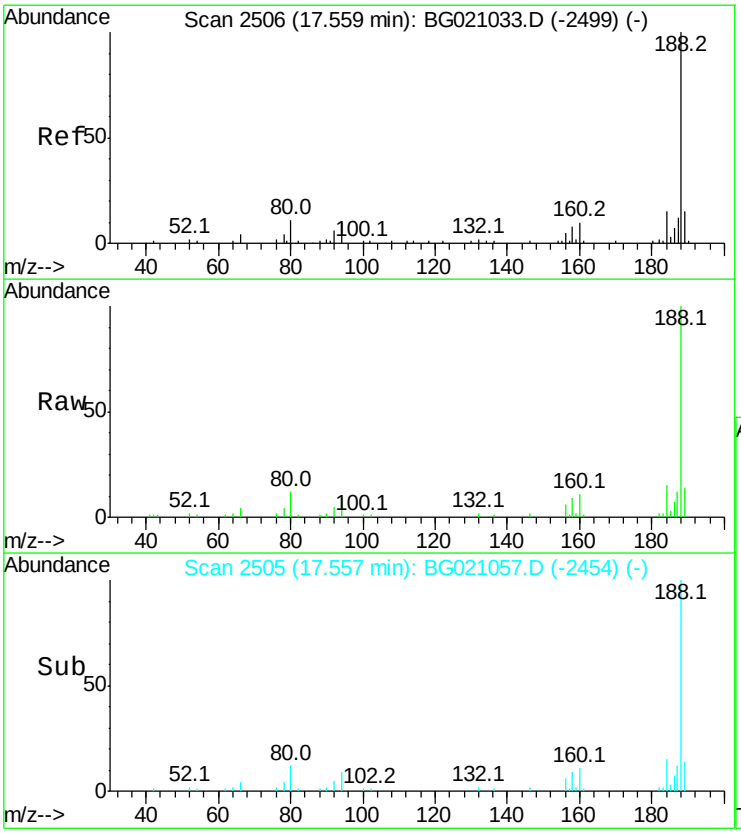
#57
Fluorene
Concen: 7.11 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 8628

Ion	Ratio	Lower	Upper
166	100		
165	105.1	81.3	121.9
167	15.5	10.6	16.0

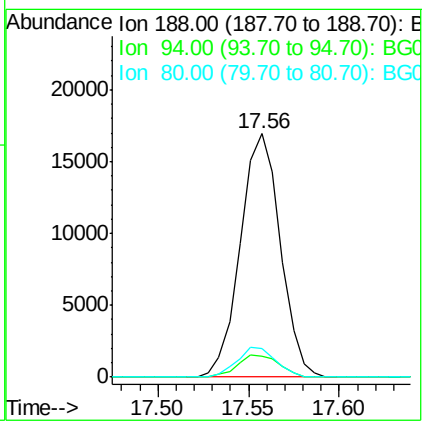


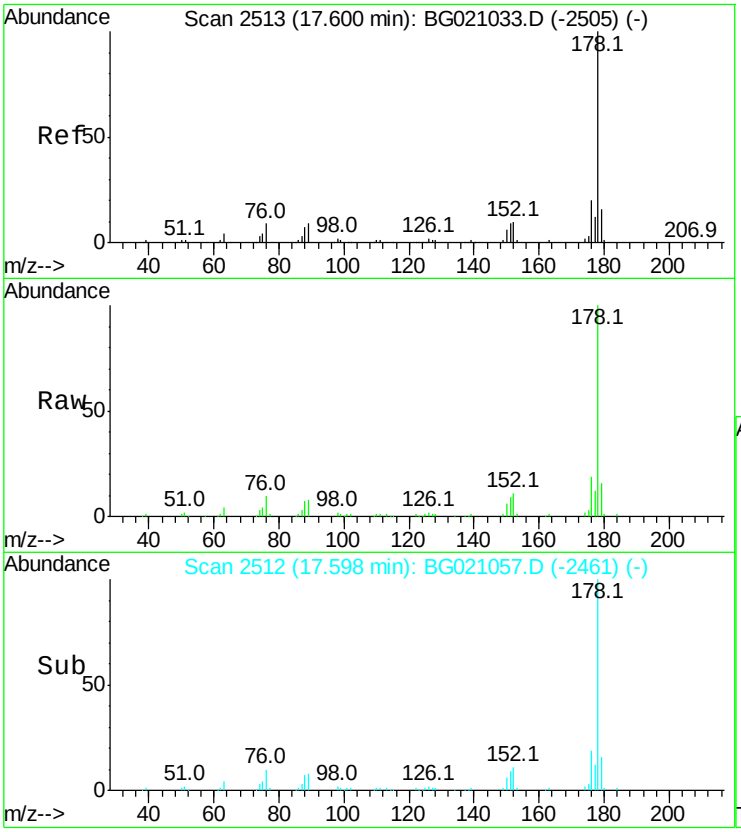


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:188 Resp: 25935

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	11.9	9.2	13.8



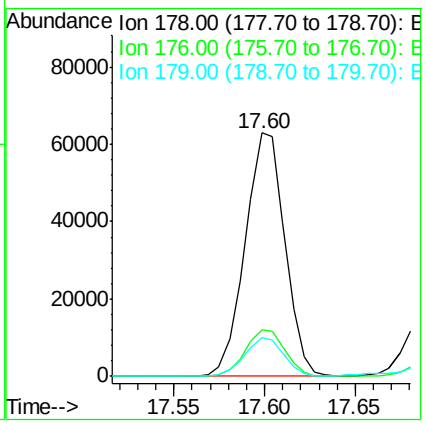


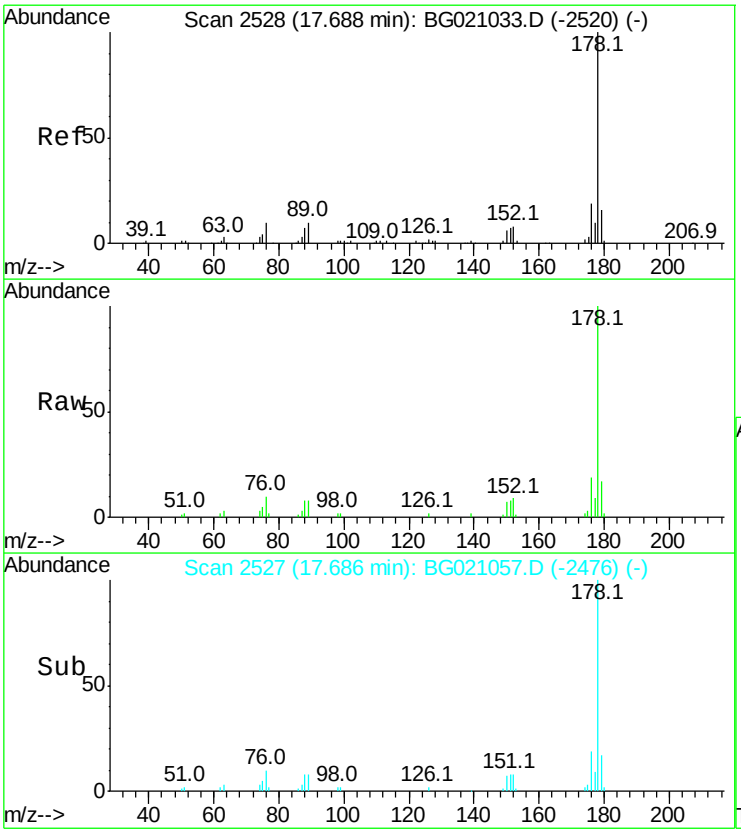
#70
Phenanthrene
Concen: 65.22 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 95680

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.7	12.9	19.3

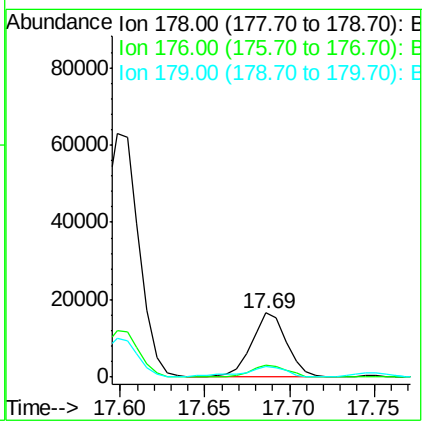


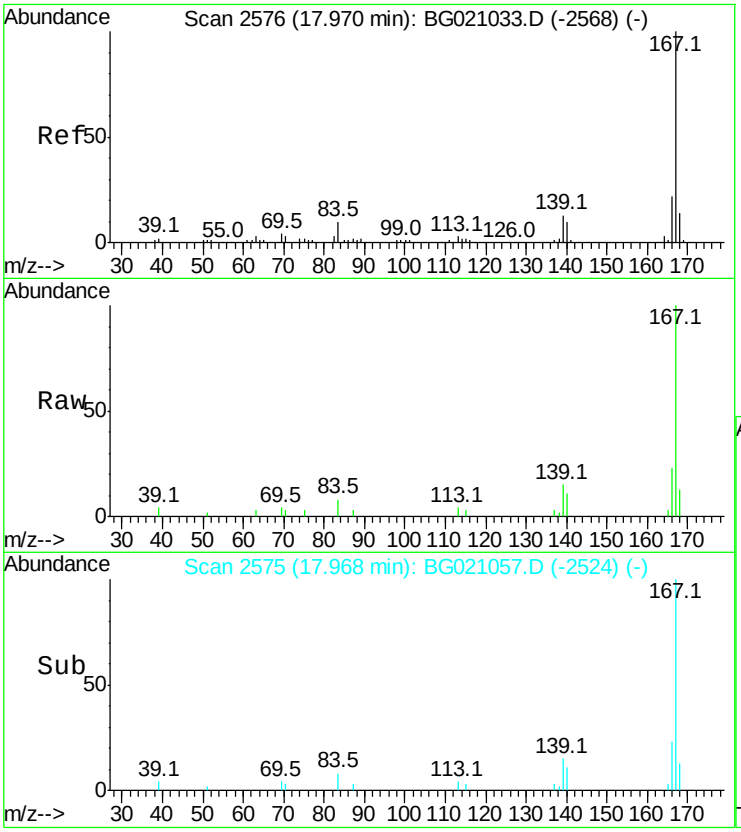


#71
Anthracene
Concen: 16.52 ng
RT: 17.69 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:178 Resp: 24147

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	16.9	12.6	19.0



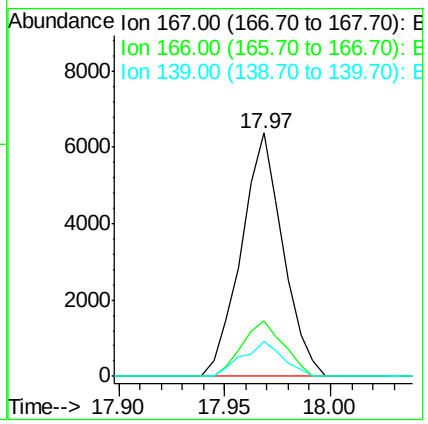


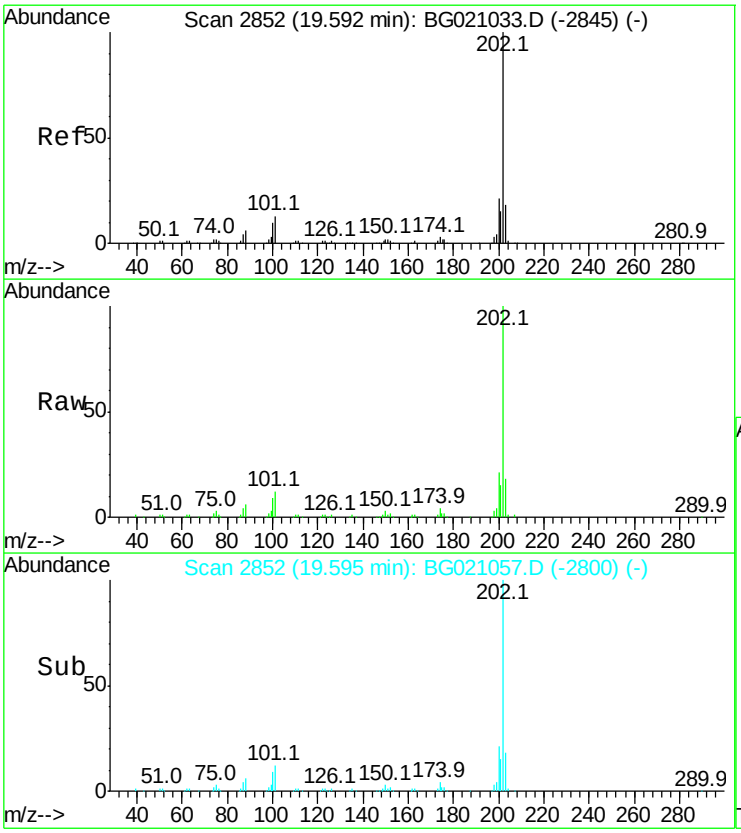
#72
Carbazole
Concen: 6.62 ng
RT: 17.97 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 8714

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.5	26.3
139	14.6	10.3	15.5

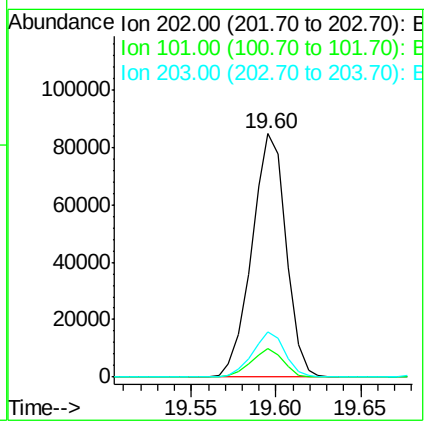


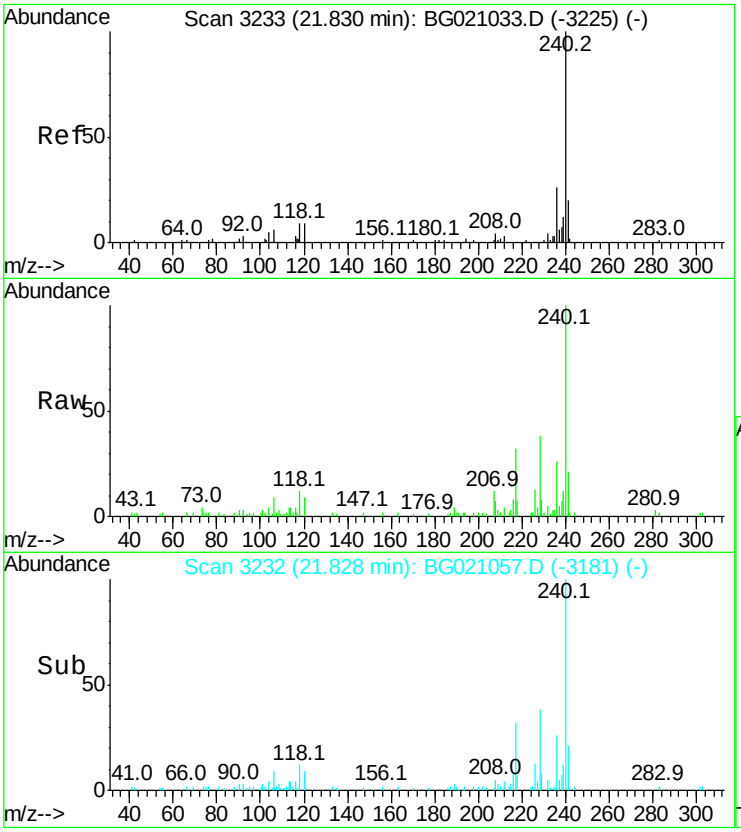


#74
Fluoranthene
Concen: 80.54 ng
RT: 19.60 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:202 Resp: 118828

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.5
203	18.4	0.0	37.6



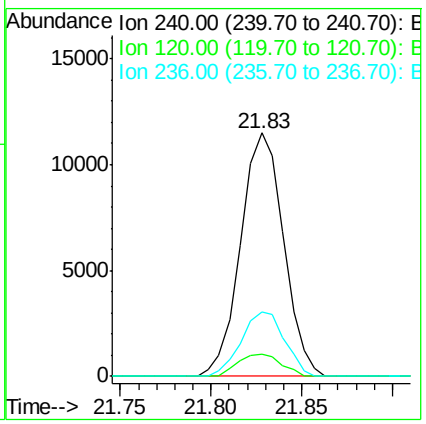


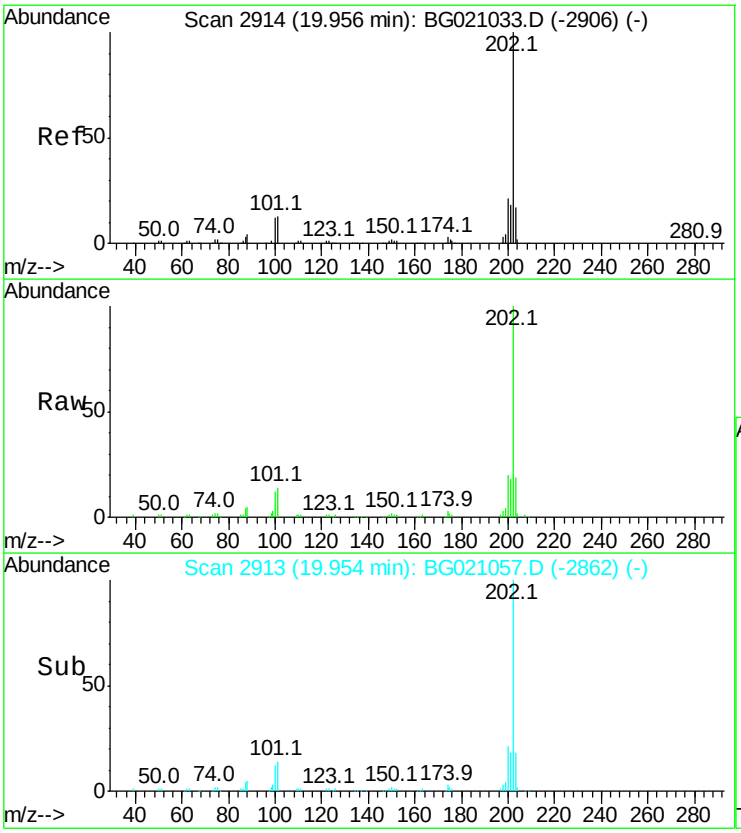
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 18917

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.5	11.3
236	26.5	20.5	30.7

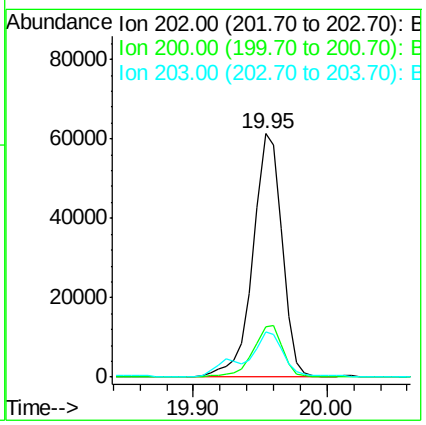


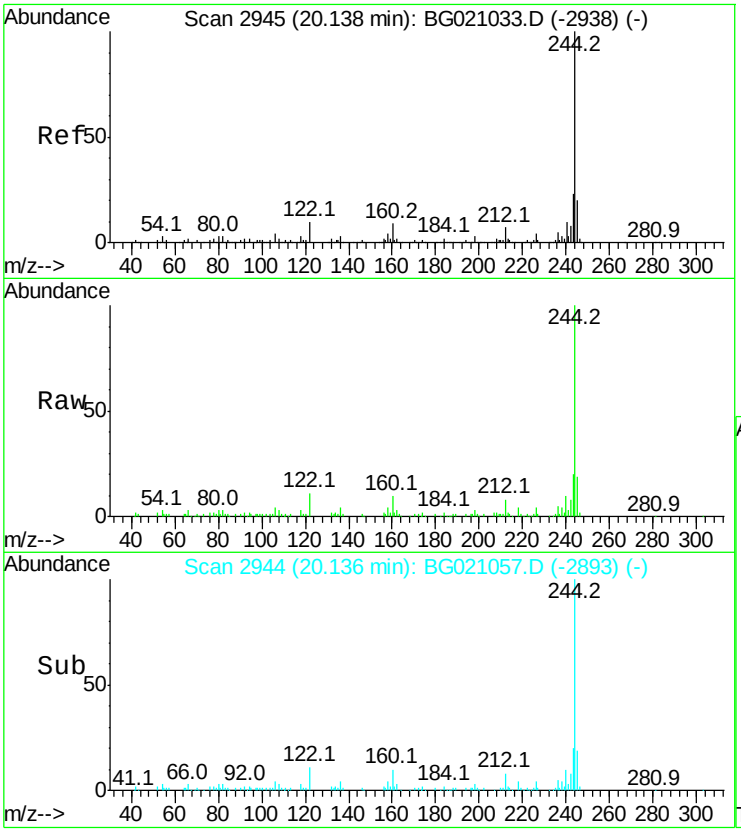


#77
Pyrene
Concen: 42.51 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:202 Resp: 91874

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.6	13.8	20.8



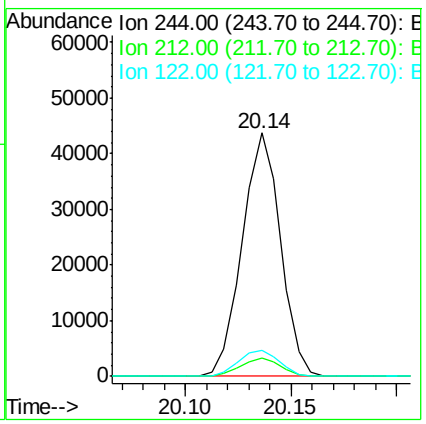


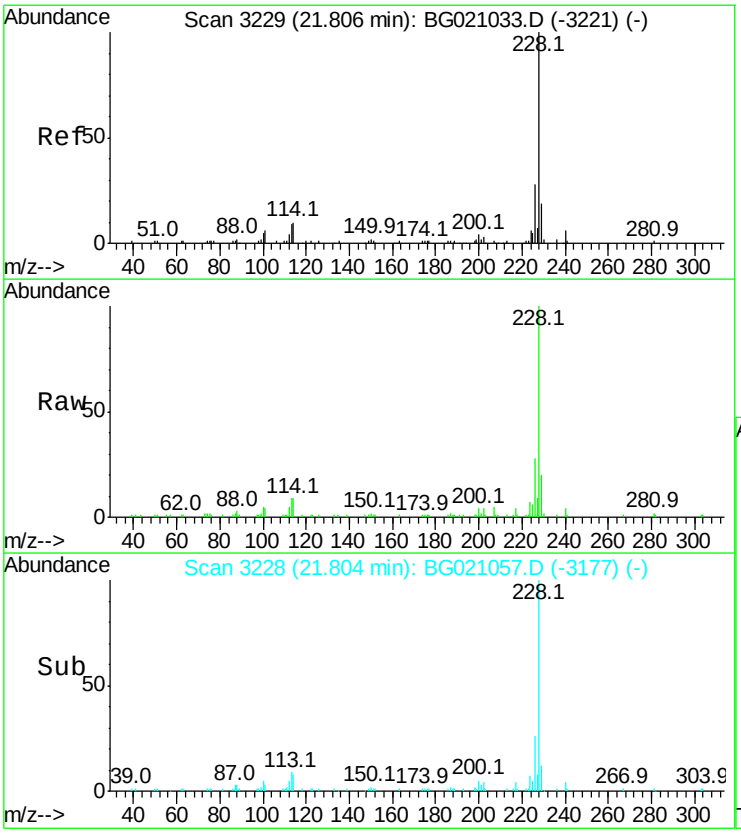
#78
Terphenyl-d14
Concen: 37.75 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 55027

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.9	8.3	12.5

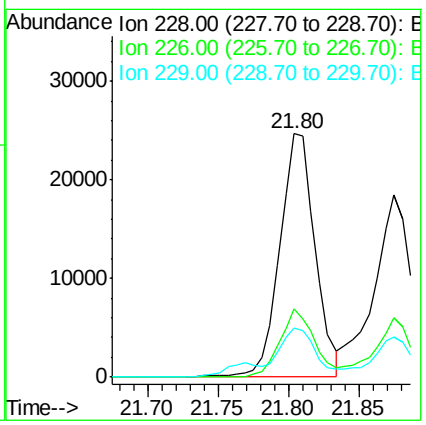


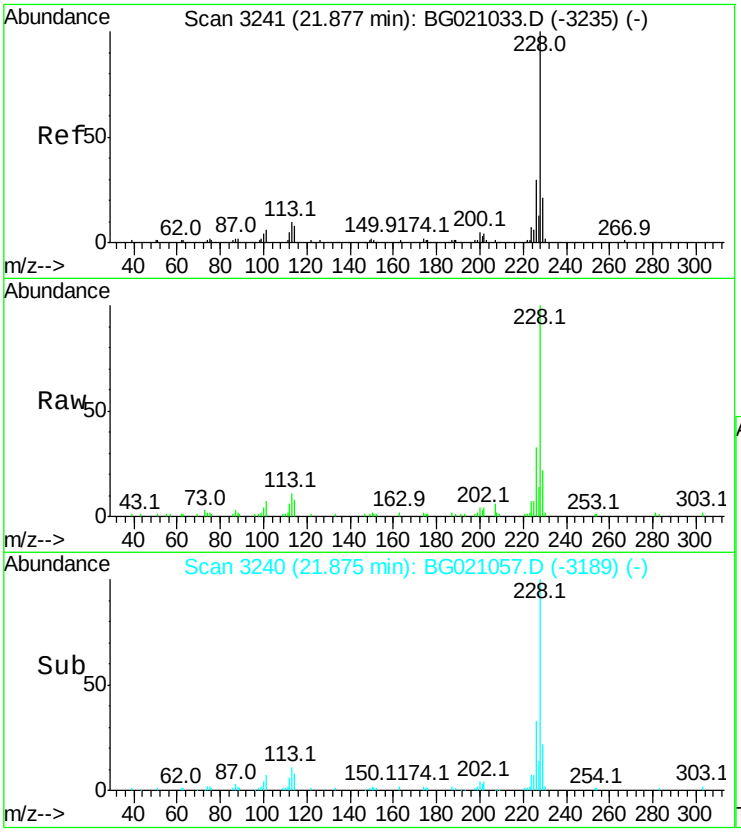


#80
Benzo(a)anthracene
Concen: 37.87 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:228 Resp: 42959

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.4	15.5	23.3



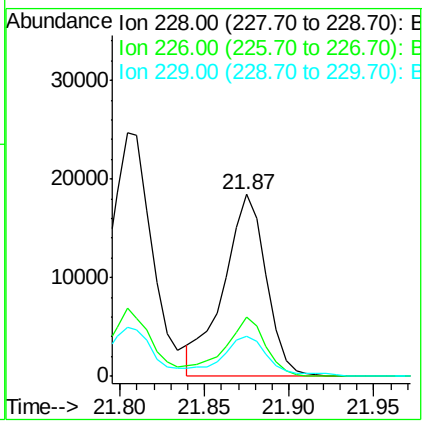


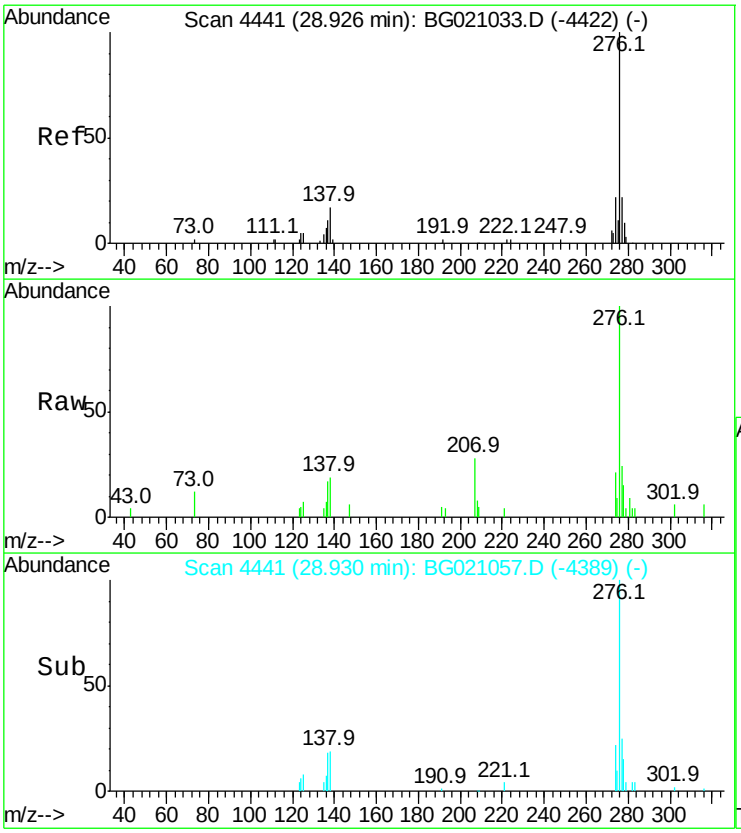
#82
Chrysene
Concen: 30.64 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 32428

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.7	35.5
229	22.0	16.7	25.1

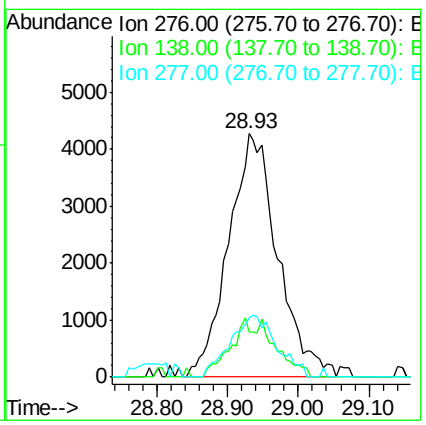


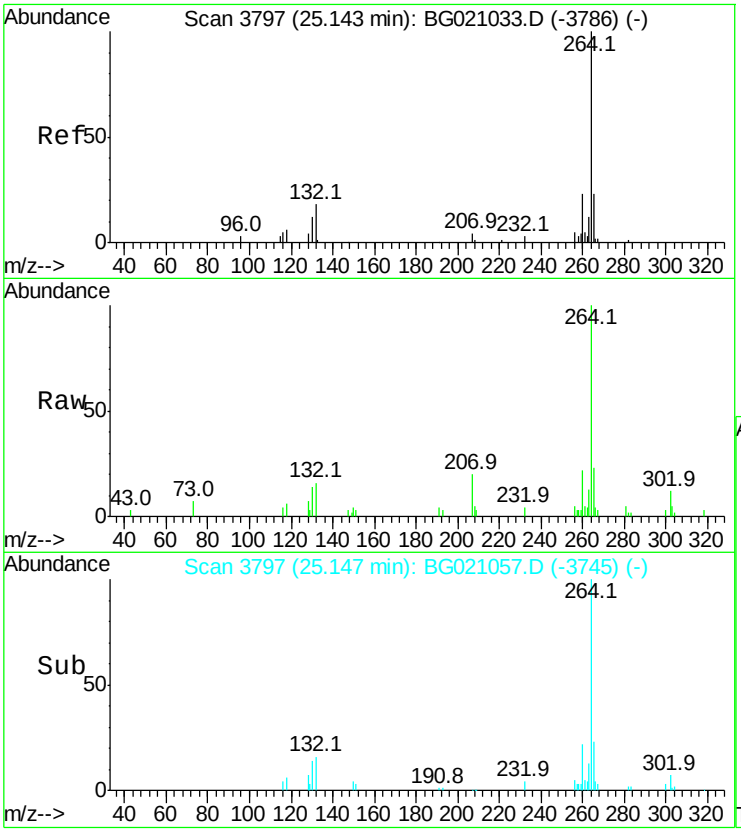


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.70 ng
RT: 28.93 min Scan# 4441
Delta R.T. 0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:276 Resp: 20658

Ion	Ratio	Lower	Upper
276	100		
138	12.3	0.0	0.0#
277	24.0	0.0	0.0#



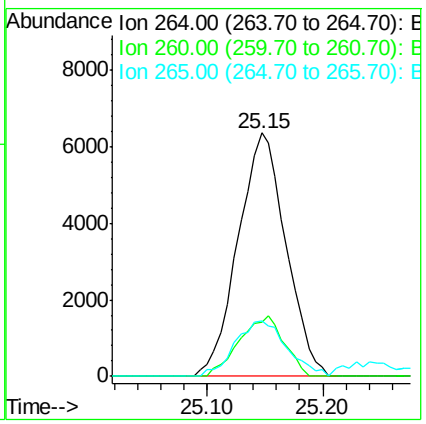


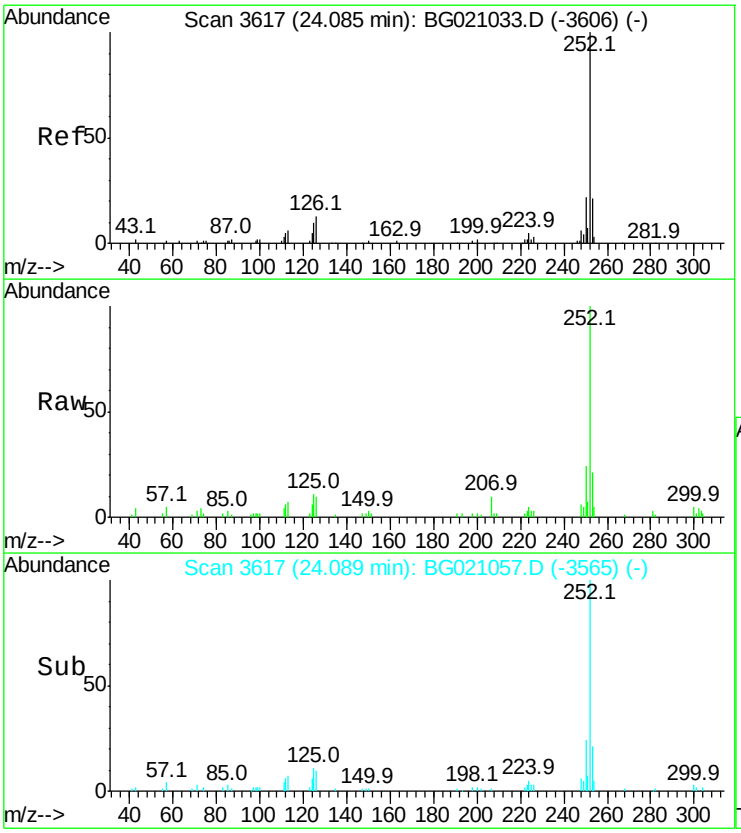
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3797
Delta R.T. 0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 18274

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	22.7	18.6	28.0

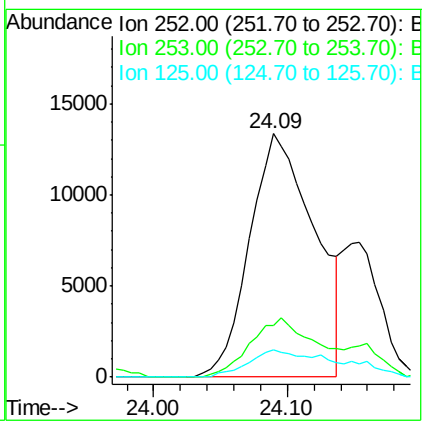


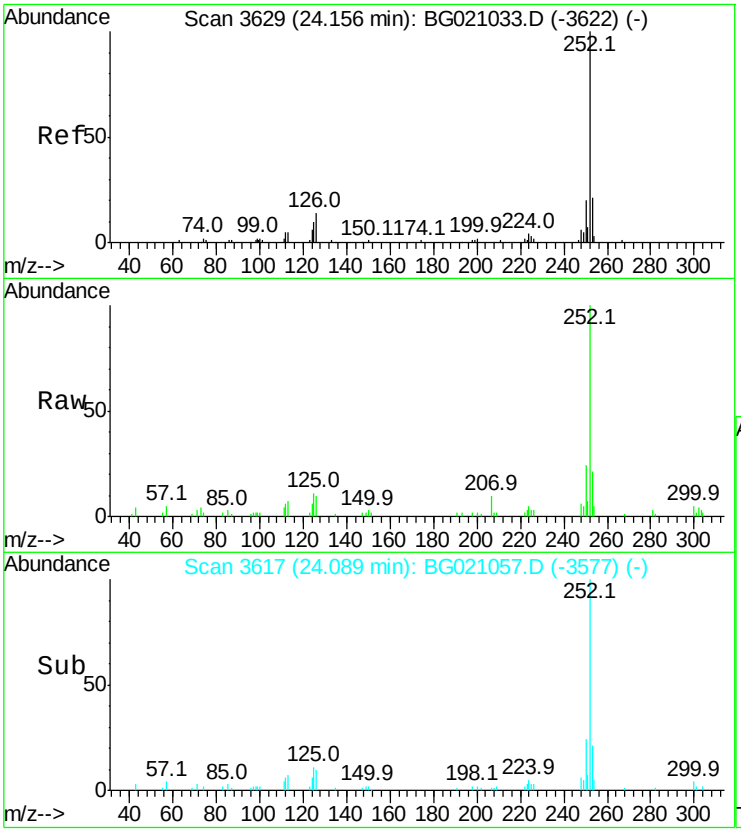


#87
Benzo(b)fluoranthene
Concen: 37.25 ng
RT: 24.09 min Scan# 3617
Delta R.T. 0.00 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:252 Resp: 44877

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	11.1	8.2	12.2



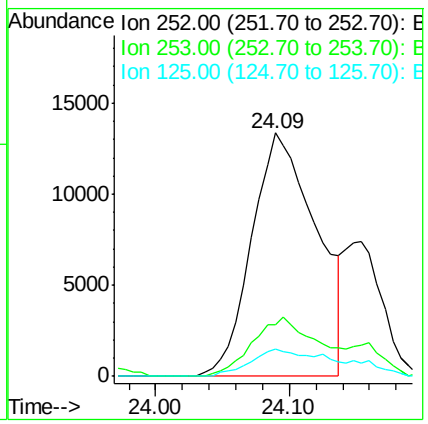


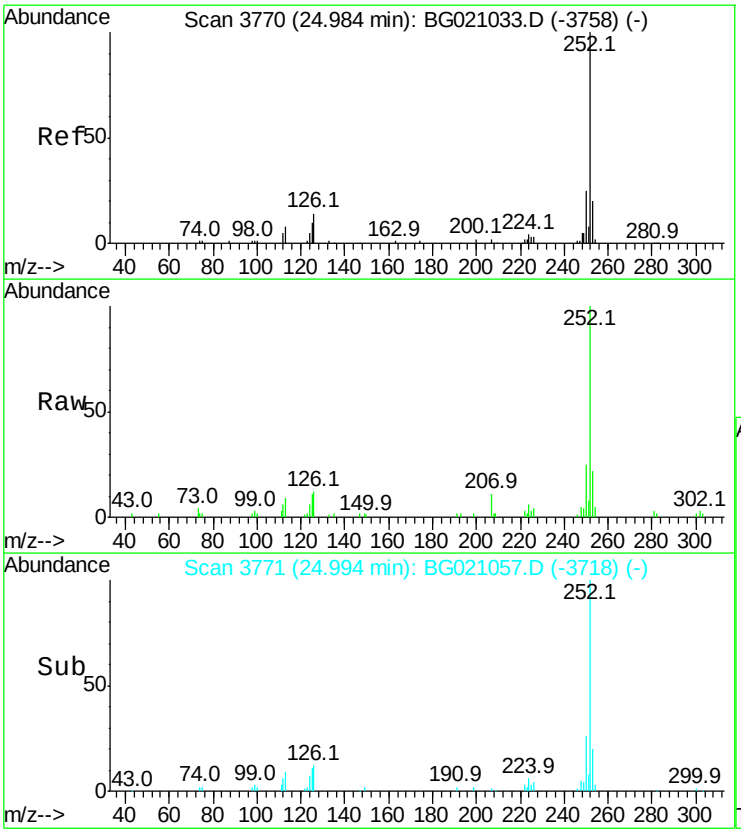
#88
Benzo(k)fluoranthene
Concen: 39.48 ng
RT: 24.09 min Scan# 3617
Delta R.T. -0.07 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 44877

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.4	24.6
125	11.1	8.2	12.2

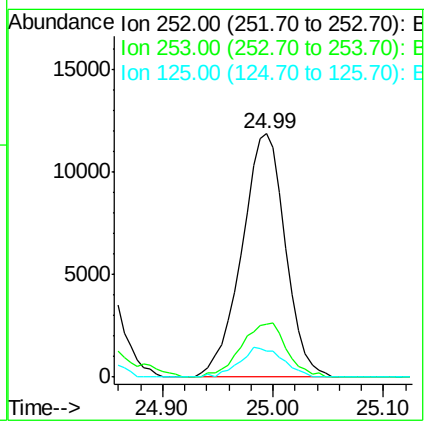


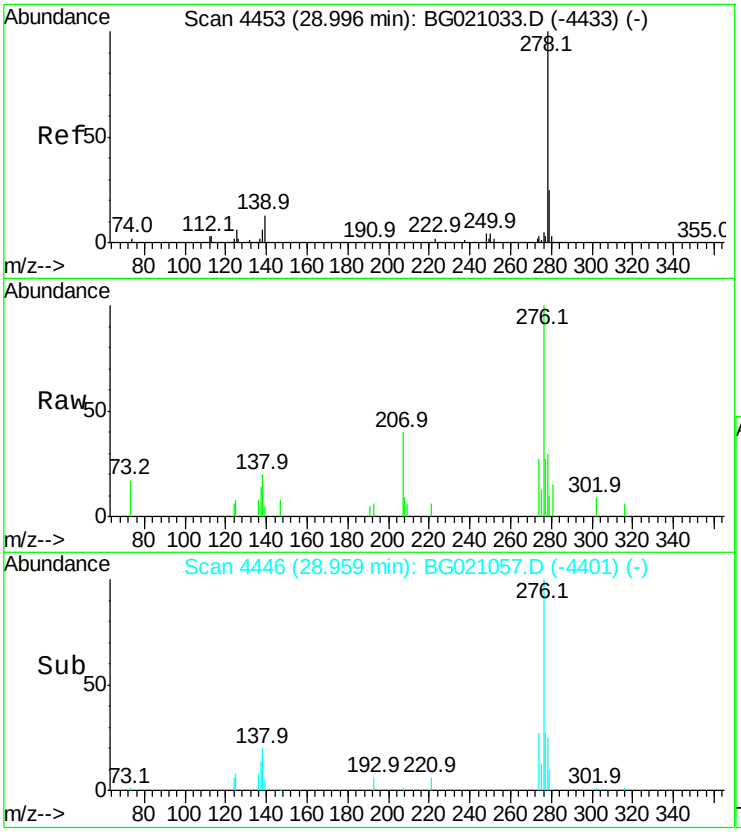


#89
Benzo(a)pyrene
Concen: 30.40 ng
RT: 24.99 min Scan# 3771
Delta R.T. 0.01 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:252 Resp: 32820

Ion	Ratio	Lower	Upper
252	100		
253	22.0	15.8	23.8
125	10.9	8.4	12.6



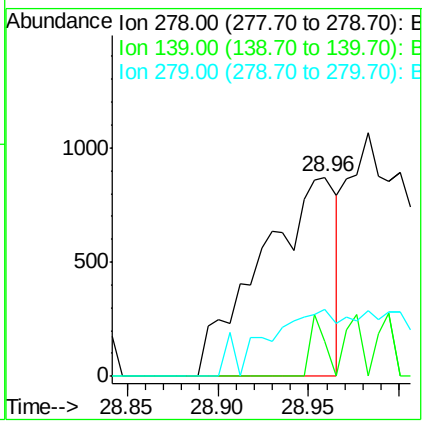


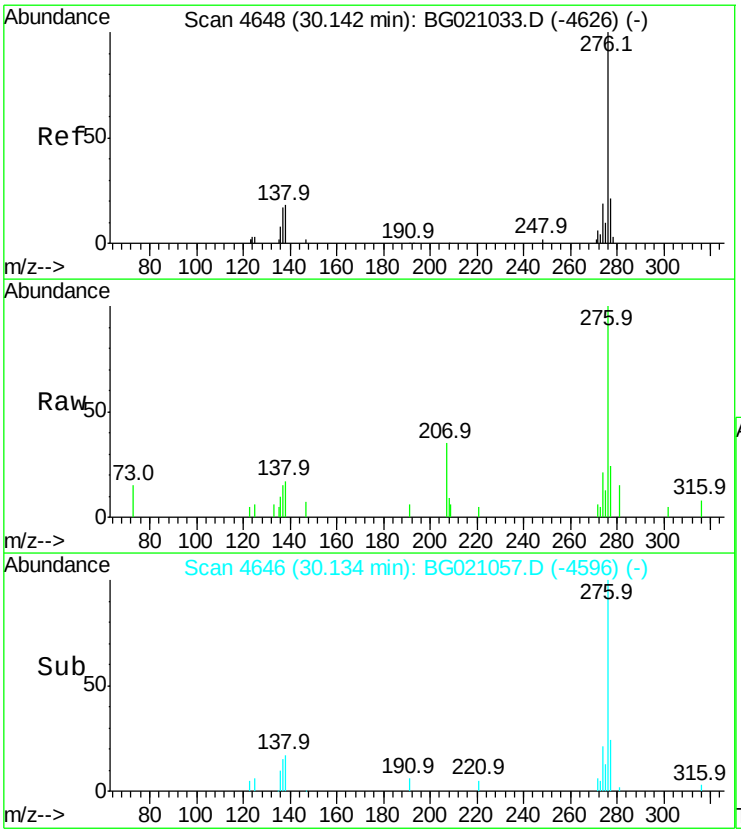
#90
Dibenzo(a,h)anthracene
Concen: 2.60 ng
RT: 28.96 min Scan# 4446
Delta R.T. -0.04 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 2527

Ion	Ratio	Lower	Upper
278	100		
139	17.5	10.6	15.8#
279	33.4	19.7	29.5#





#91
Benzo(g,h,i)perylene
Concen: 18.37 ng
RT: 30.13 min Scan# 4646
Delta R.T. -0.01 min
Lab File: BG021057.D
Acq: 24 Feb 2016 18:32

Tgt Ion:276 Resp: 17823

Ion	Ratio	Lower	Upper
276	100		
277	24.0	16.6	25.0
138	16.9	14.6	21.8