Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG022916\
Data File : BG021180.D
Acq On : 1 Mar 2016 9:27
Operator : UM/SJ
Sample : H1520-11RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053+15(0-2)RE

Quant Time: Mar 01 11:12:56 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	8.15	152	13226	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	63794	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	34598	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	73606	20.00	ng		0.00
75) Chrysene-d12	21.76	240	79845	20.00	ng		0.00
86) Perylene-d12	25.03	264	73918	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	103712	124.66	ng		0.00
7) Phenol-d6	7.30	99	159523	116.61	ng		0.00
23) Nitrobenzene-d5	9.32	82	115708	76.75	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	37589	104.42	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	165394	67.88	ng		0.00
78) Terphenyl-d14	20.08	244	200655	60.88	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	11.01	128	7179	2.16	ng	#	96
49) Dimethylphthalate	14.20	163	33284	10.80	ng		98
51) Acenaphthene	14.82	154	18440	8.03	ng		95
54) Dibenzofuran	15.15	168	14633	4.77	ng		92
55) 4-Nitrophenol	15.15	139	6261	10.55	ng	#	7
57) Fluorene	15.80	166	21426	7.34	ng		94
70) Phenanthrene	17.54	178	256090	64.47	ng		100
71) Anthracene	17.63	178	67525	16.61	ng		100
72) Carbazole	17.89	167	25634	7.11	ng	#	95
74) Fluoranthene	19.54	202	406580	87.12	ng		99
77) Pyrene	19.89	202	327135	68.68	ng		98
80) Benzo(a)anthracene	21.74	228	179858	38.05	ng		99
82) Chrysene	21.81	228	140427	31.35	ng		98
85) Indeno(1,2,3-cd)pyrene	28.77	276	62448	12.16	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	186292	40.07	ng		98
88) Benzo(k)fluoranthene	23.99	252	186292	40.01	ng		97
89) Benzo(a)pyrene	24.88	252	136384	30.34	ng		93
90) Dibenzo(a,h)anthracene	28.81	278	17468	3.93	ng	#	94
91) Benzo(g,h,i)perylene	29.93	276	55777	12.98	ng	#	90

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

Quantitation Report (Not Reviewed)

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40053+15(0-2)RE

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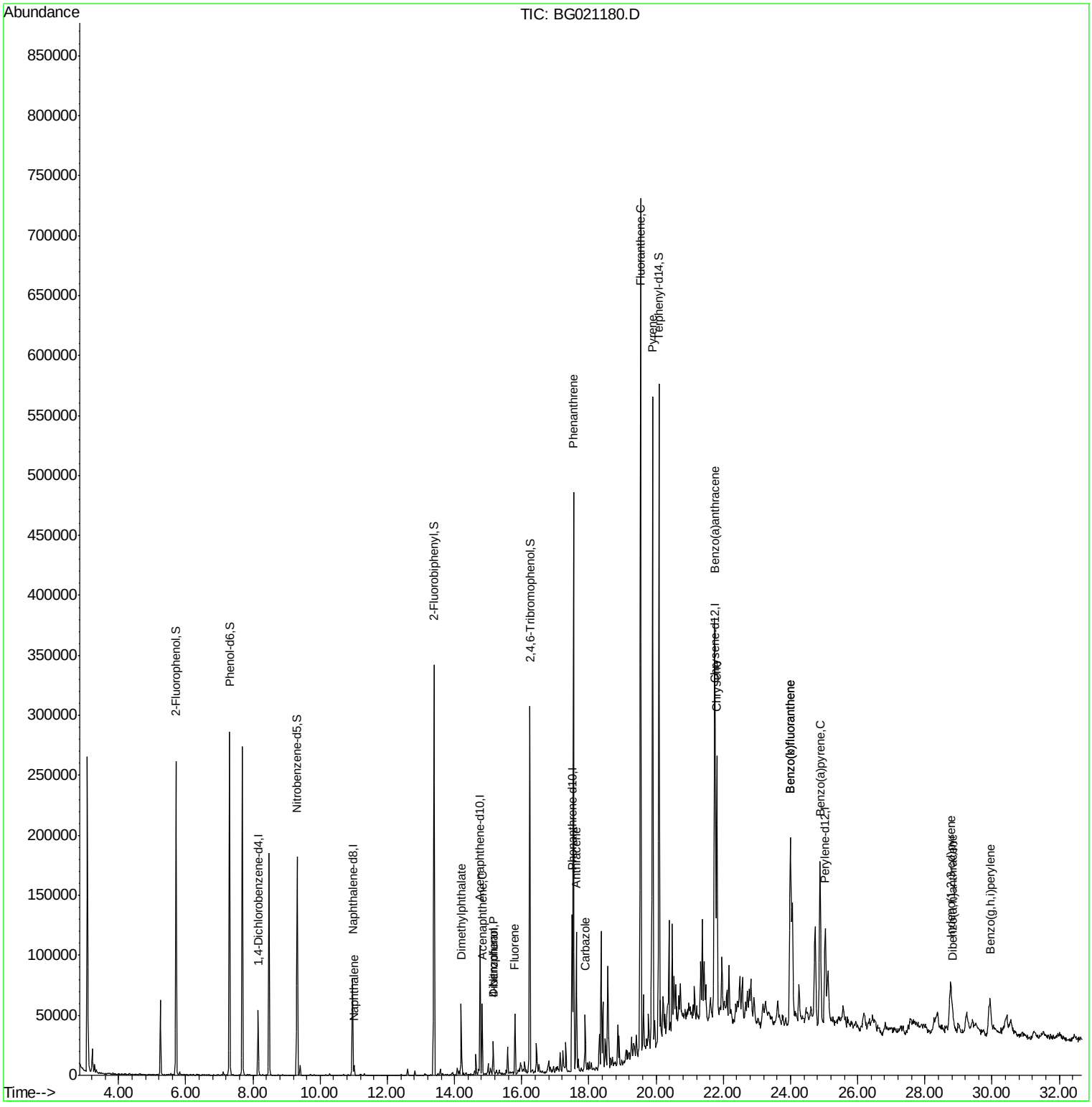
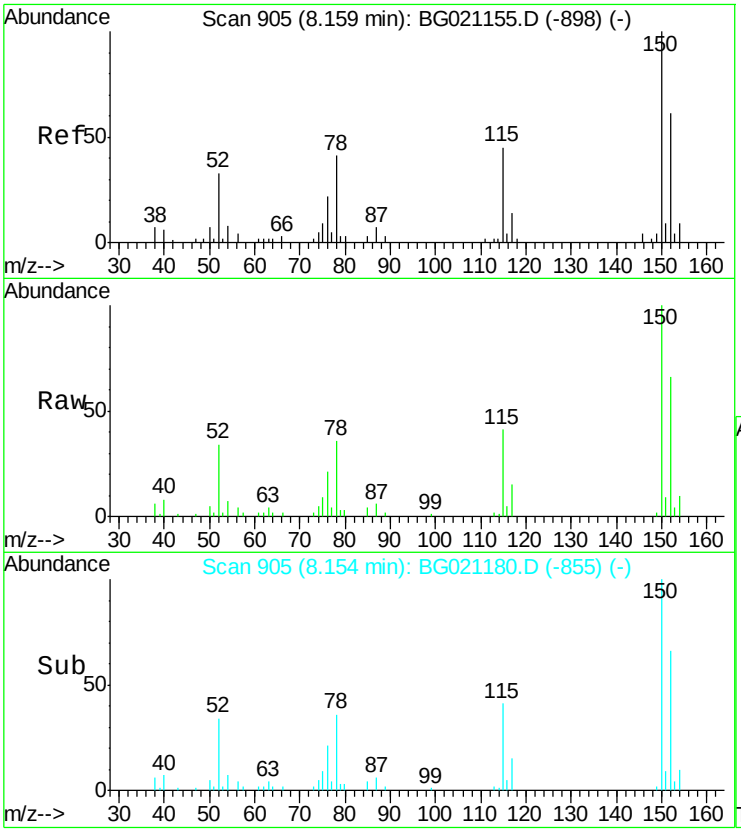


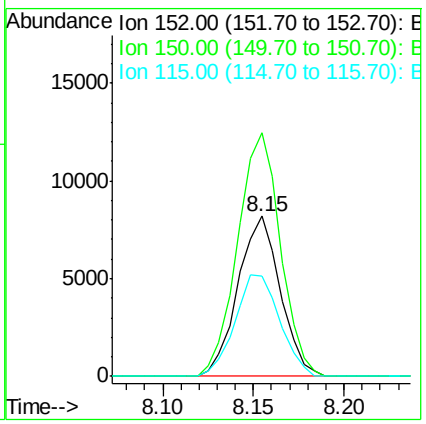


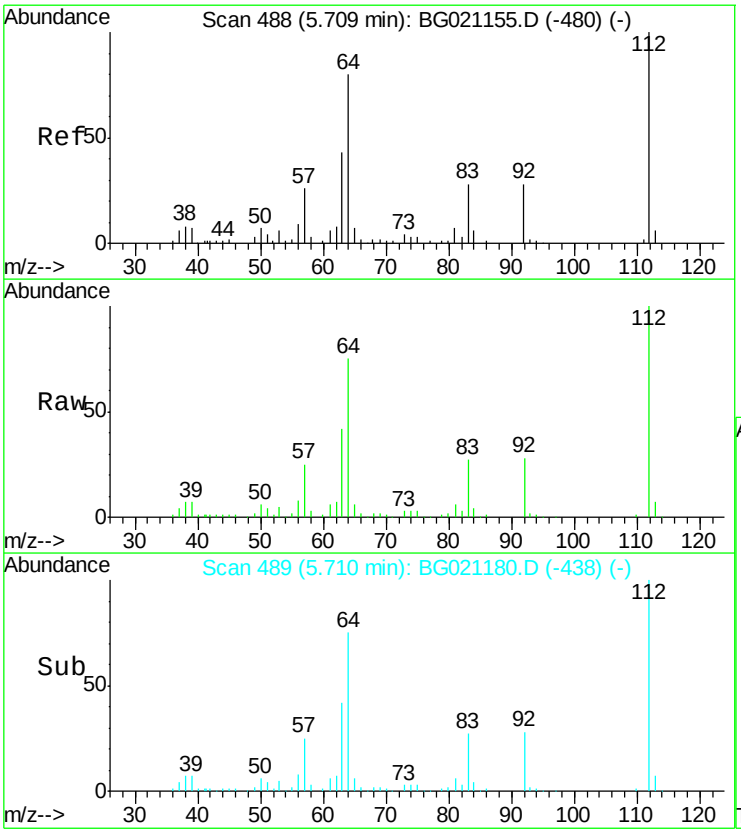
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:152 Resp: 13226

Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.4	185.2
115	62.5	43.3	64.9

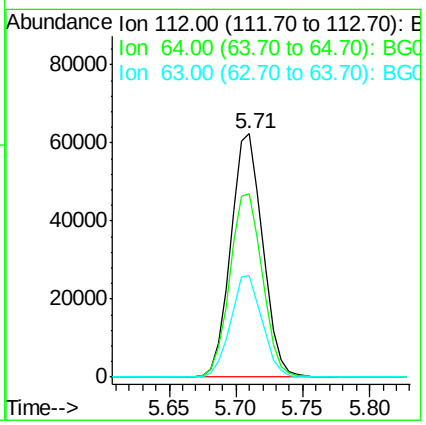


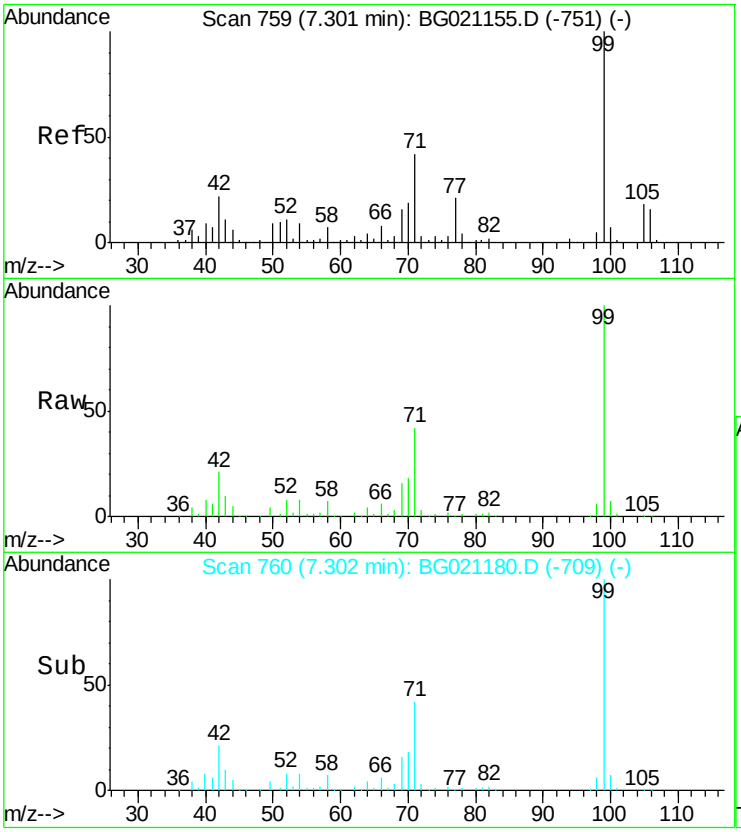


#5
2-Fluorophenol
Concen: 124.66 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:112 Resp: 103712

Ion	Ratio	Lower	Upper
112	100		
64	75.1	42.6	63.8#
63	41.7	21.7	32.5#



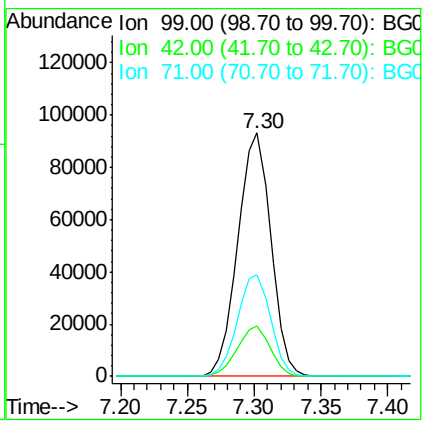


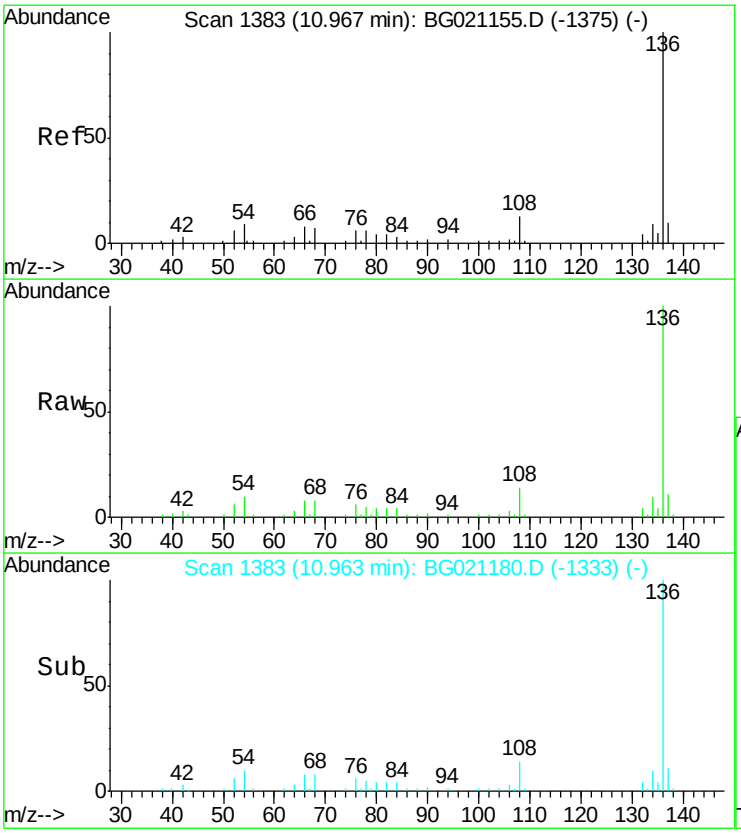
#7
Phenol-d6
Concen: 116.61 ng
RT: 7.30 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion: 99 Resp: 159523

Ion	Ratio	Lower	Upper
99	100		
42	20.9	13.2	19.8#
71	41.7	25.2	37.8#

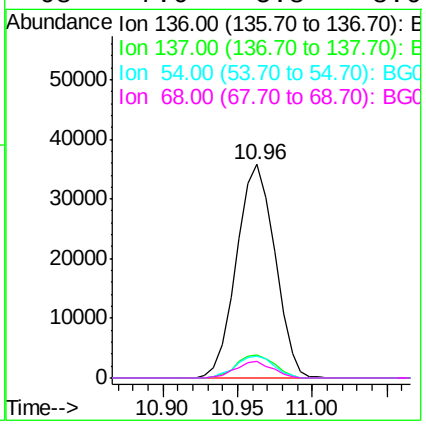


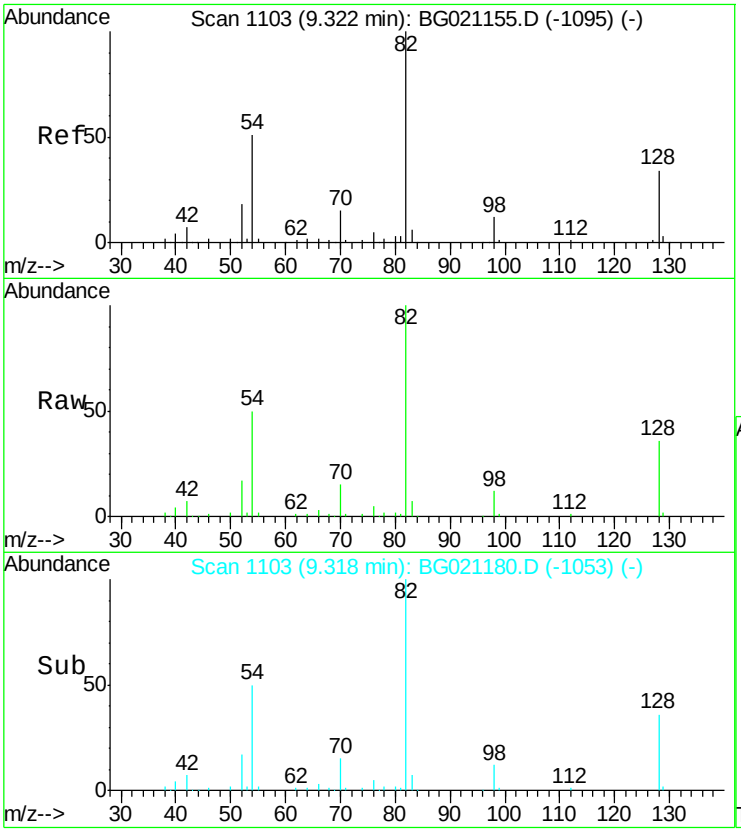


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:136 Resp: 63794

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.4	6.9	10.3#
68	7.6	5.8	8.6



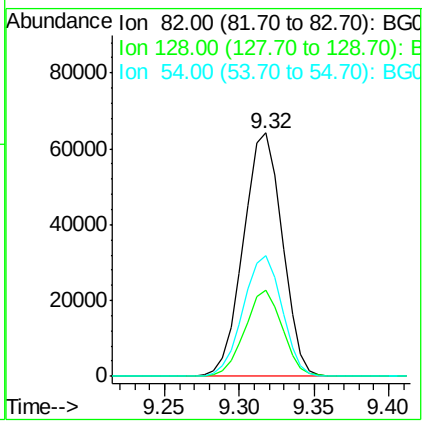


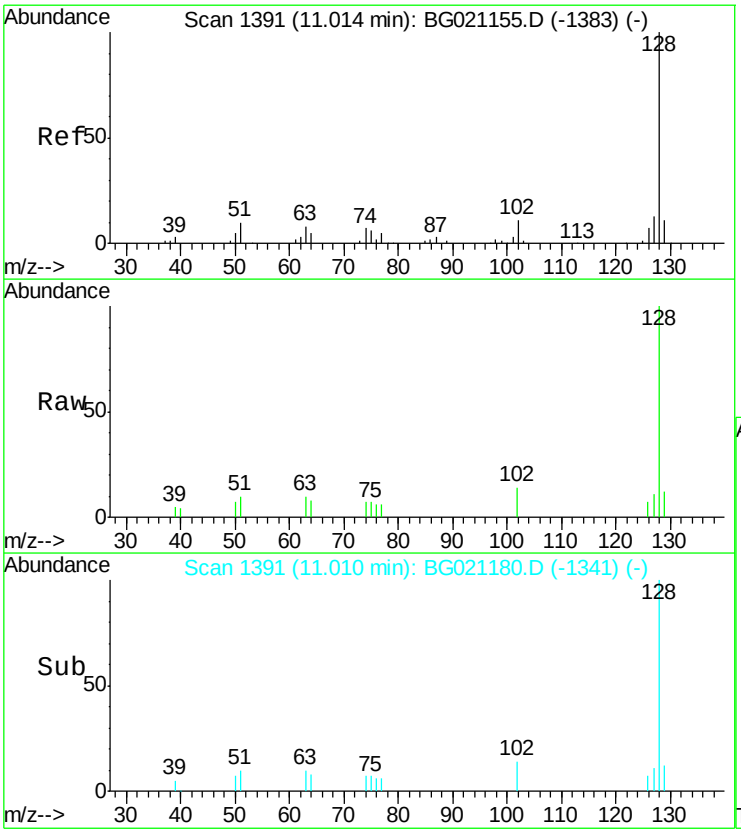
#23
Nitrobenzene-d5
Concen: 76.75 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion: 82 Resp: 115708

Ion	Ratio	Lower	Upper
82	100		
128	35.6	36.3	54.5#
54	49.9	37.6	56.4

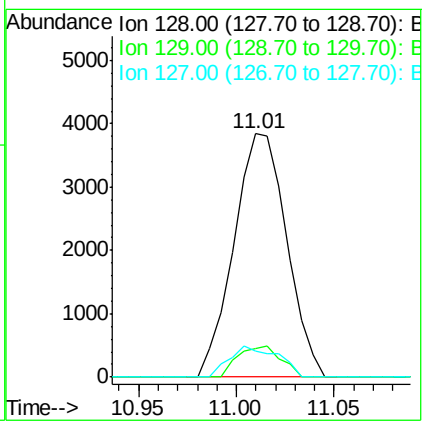


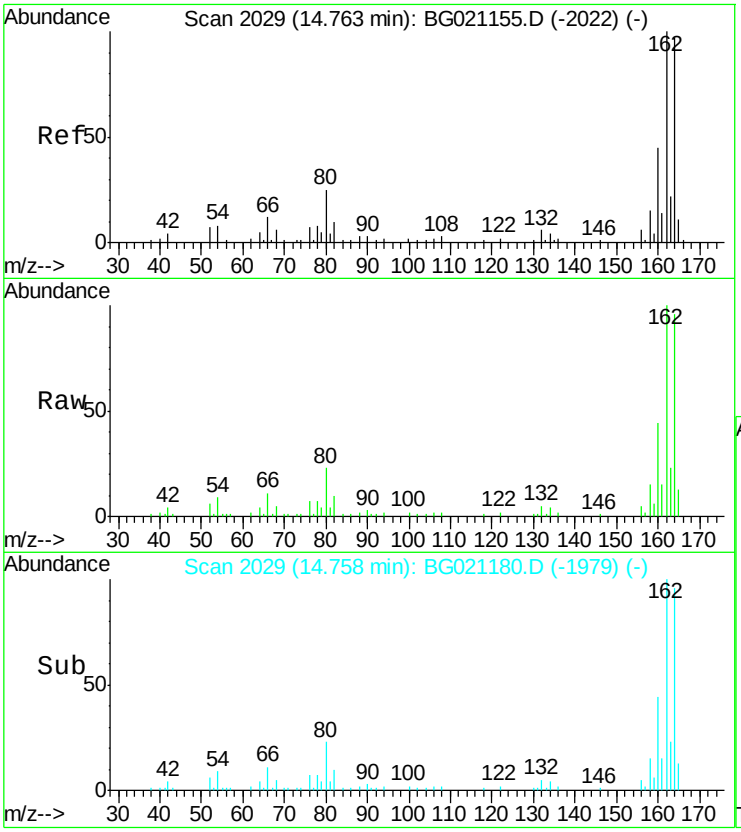


#31
Naphthalene
Concen: 2.16 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:128 Resp: 7179

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	10.7	10.8	16.2#



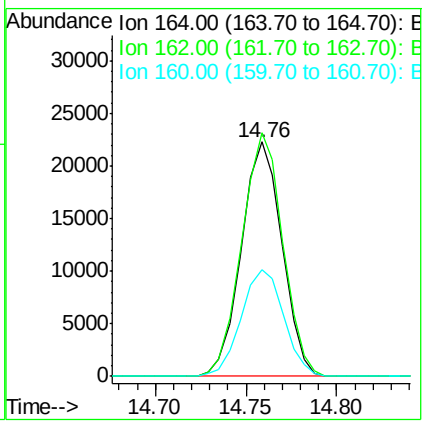


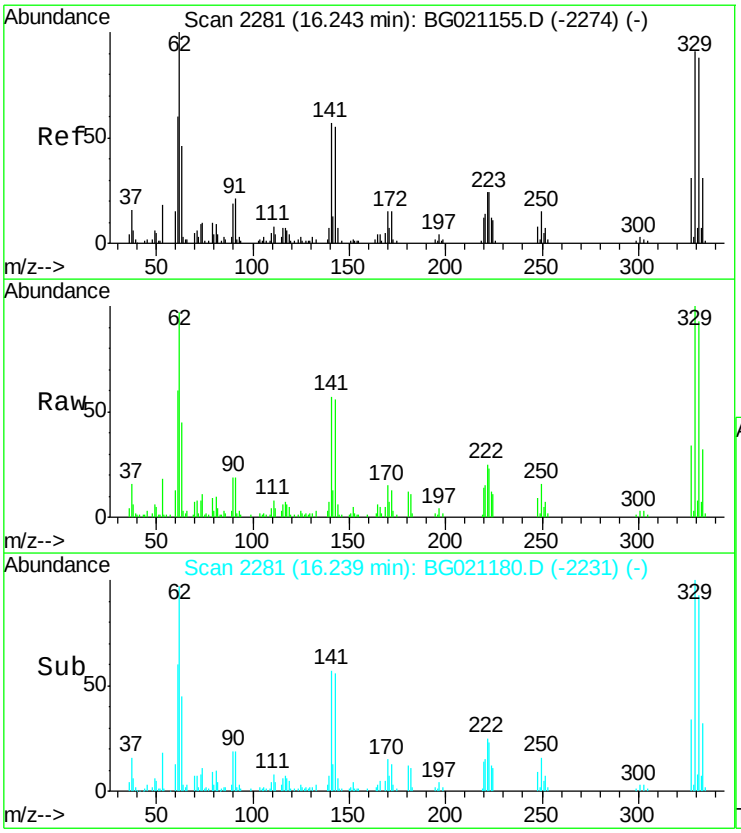
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:164 Resp: 34598

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	45.5	36.5	54.7

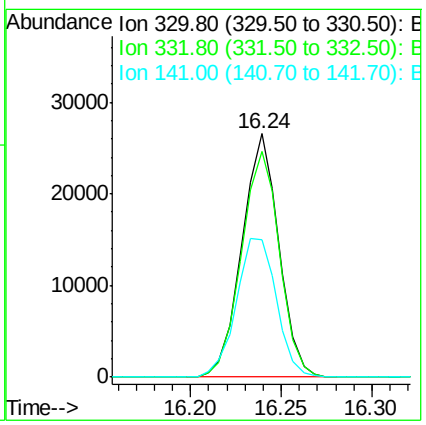


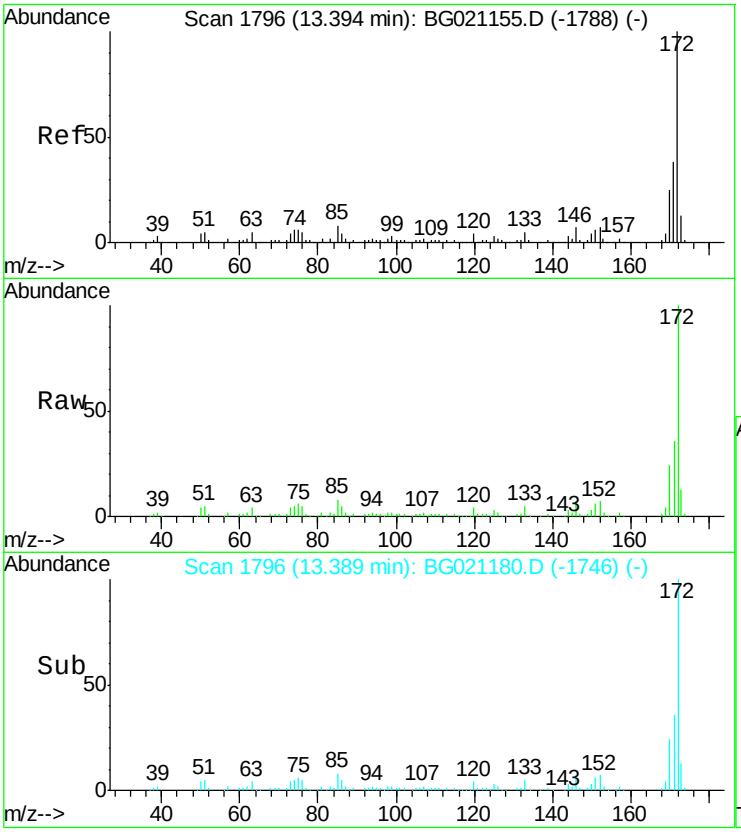


#41
2,4,6-Tribromophenol
Concen: 104.42 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:330 Resp: 37589

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	62.2	35.3	52.9#



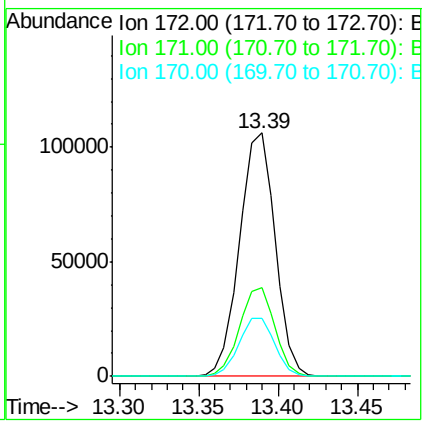


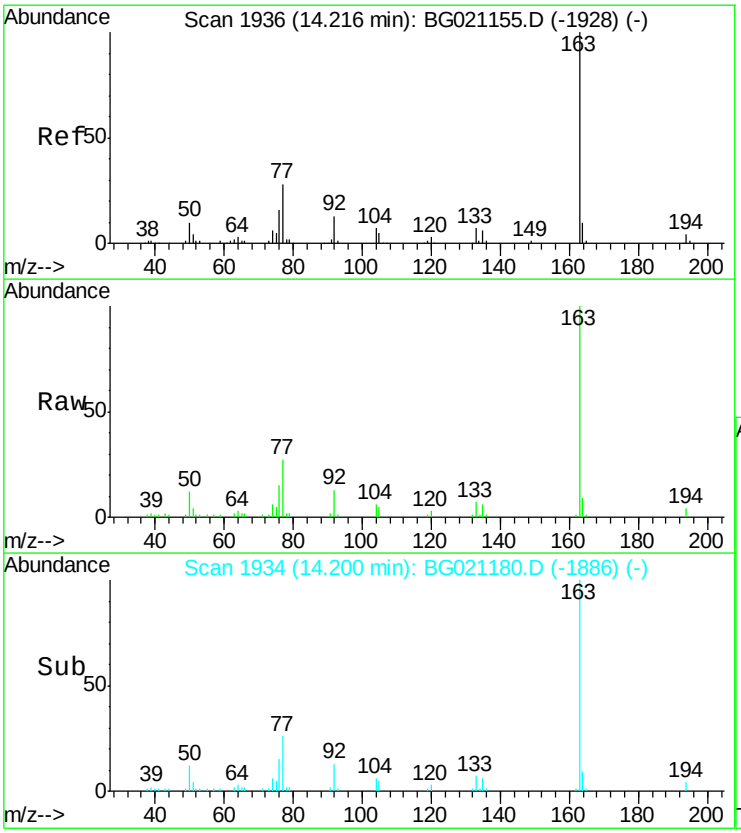
#44
2-Fluorobiphenyl
Concen: 67.88 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:172 Resp: 165394

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.0	19.8	29.8

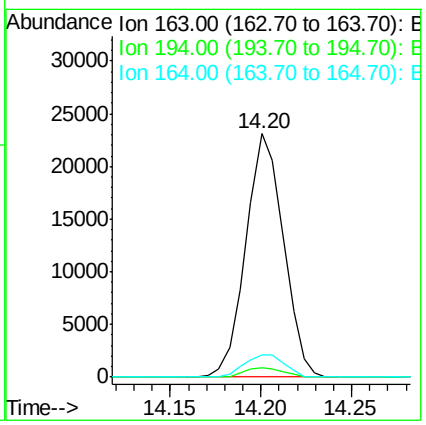


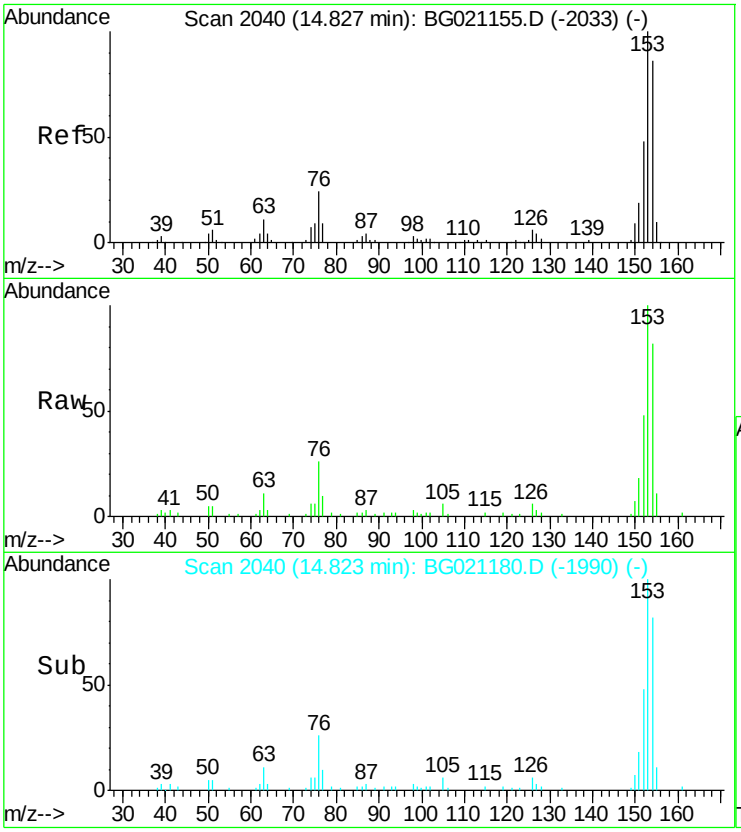


#49
Dimethylphthalate
Concen: 10.80 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:163 Resp: 33284

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.2	7.9	11.9



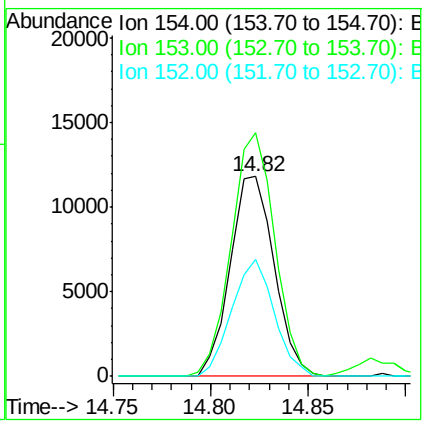


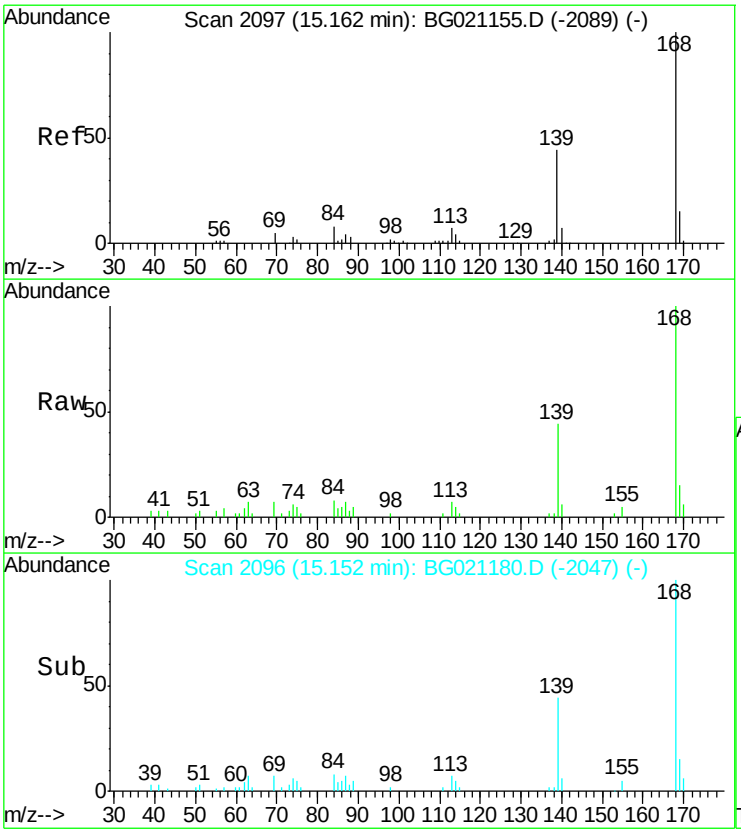
#51
Acenaphthene
Concen: 8.03 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:154 Resp: 18440

Ion	Ratio	Lower	Upper
154	100		
153	121.7	94.2	141.2
152	58.3	42.9	64.3

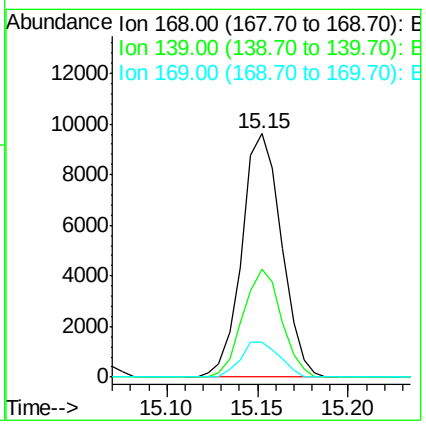


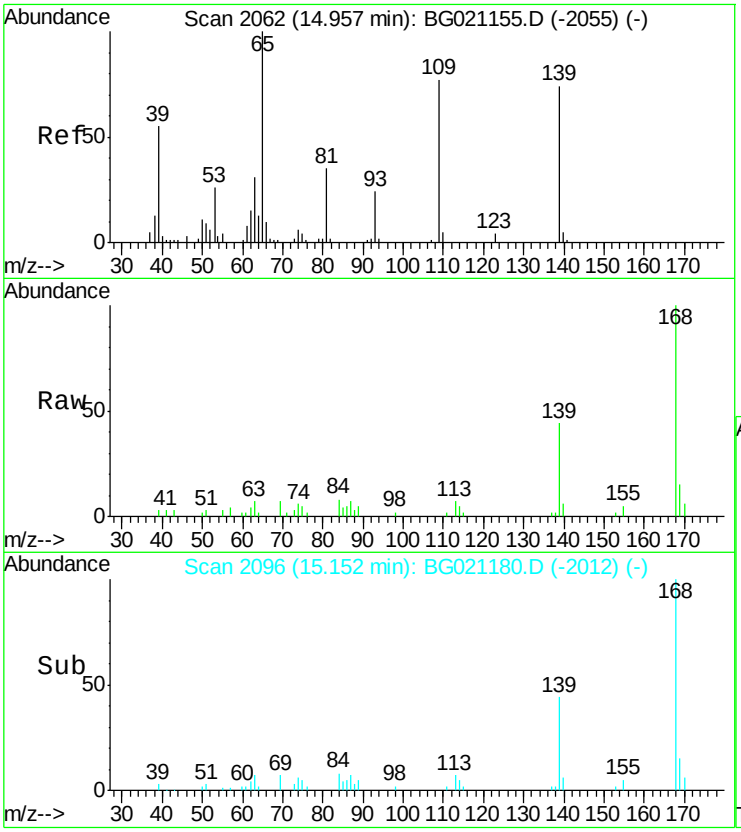


#54
Dibenzofuran
Concen: 4.77 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:168 Resp: 14633

Ion	Ratio	Lower	Upper
168	100		
139	44.1	29.8	44.8
169	14.5	11.4	17.2



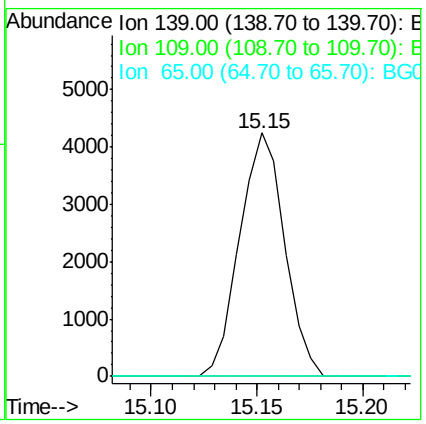


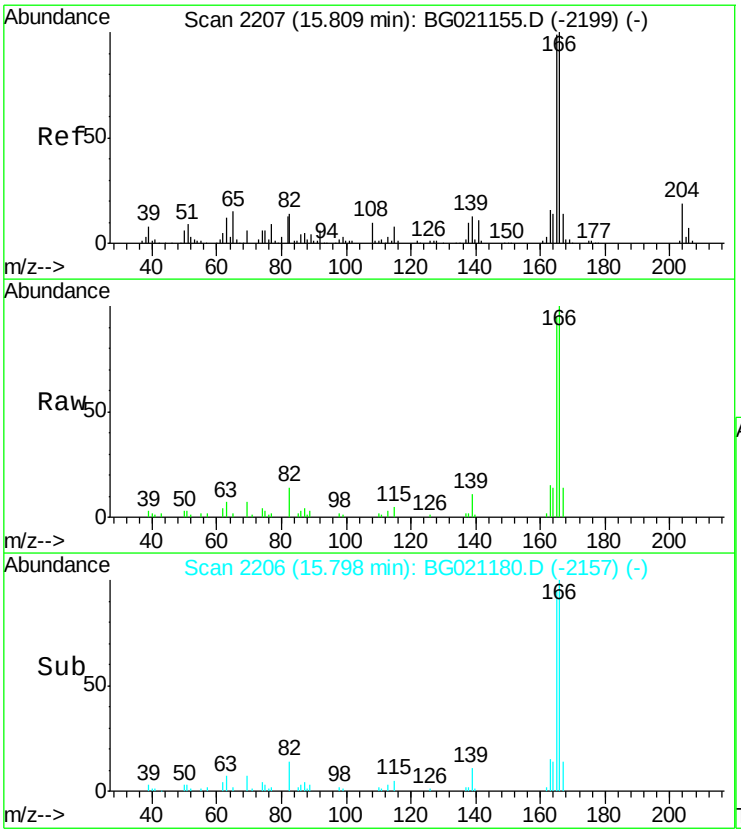
#55
4-Nitrophenol
Concen: 10.55 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.20 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:139 Resp: 6261

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

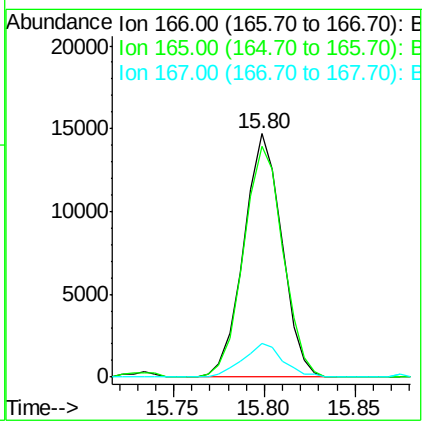


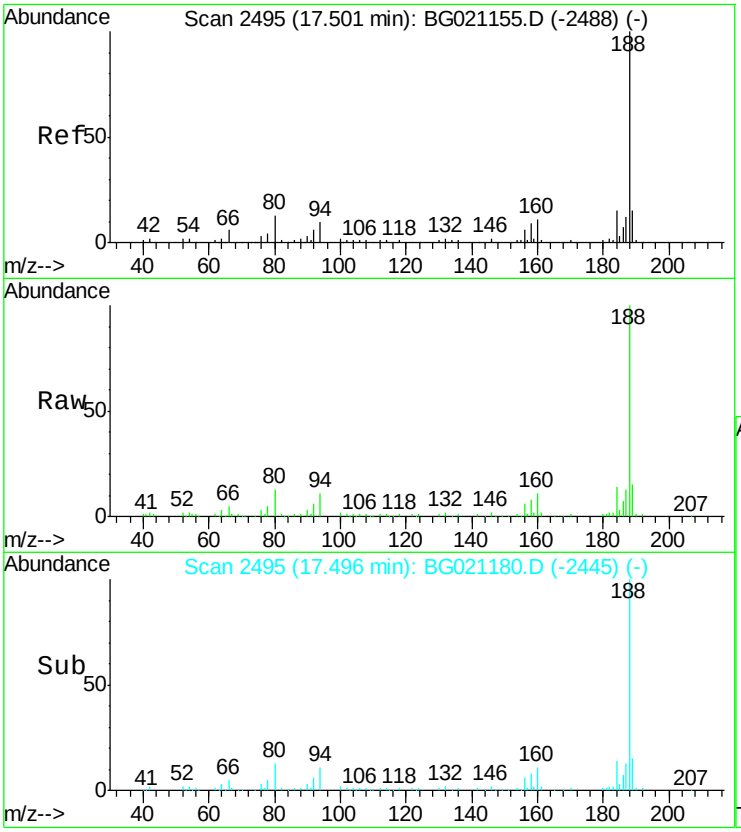


#57
Fluorene
Concen: 7.34 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:166 Resp: 21426

Ion	Ratio	Lower	Upper
166	100		
165	94.7	81.3	121.9
167	13.8	10.6	16.0



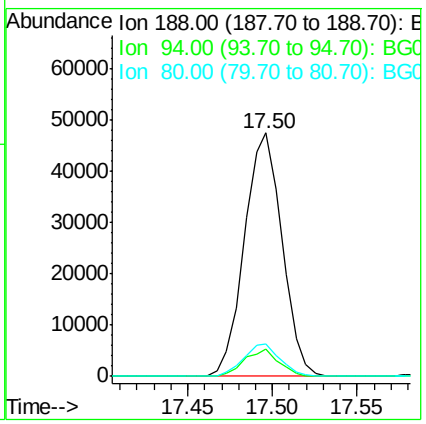


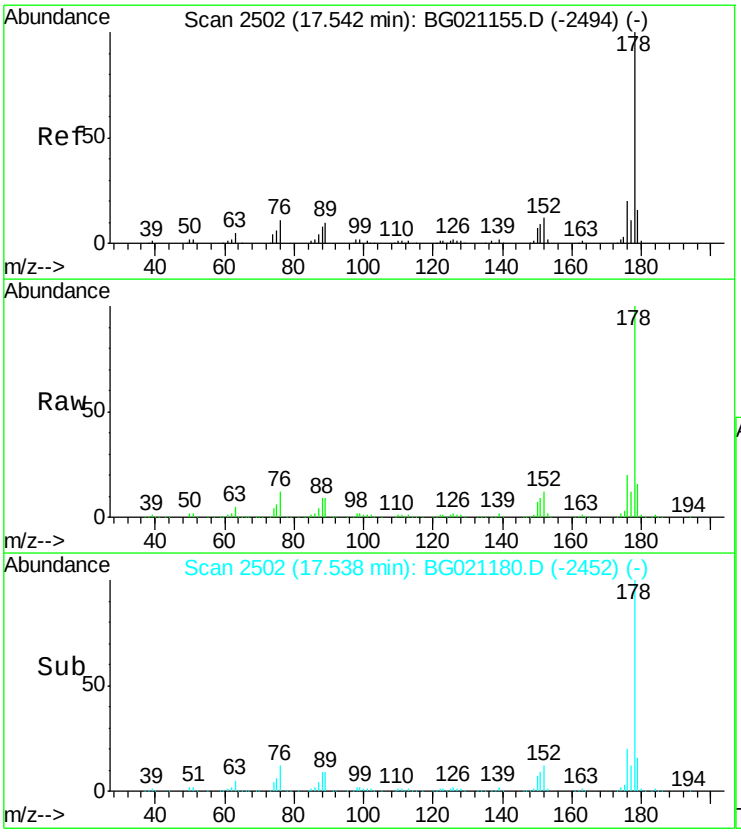
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:188 Resp: 73606

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.2	12.4
80	13.5	9.2	13.8

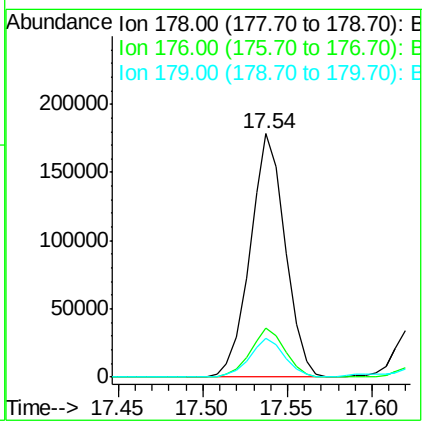


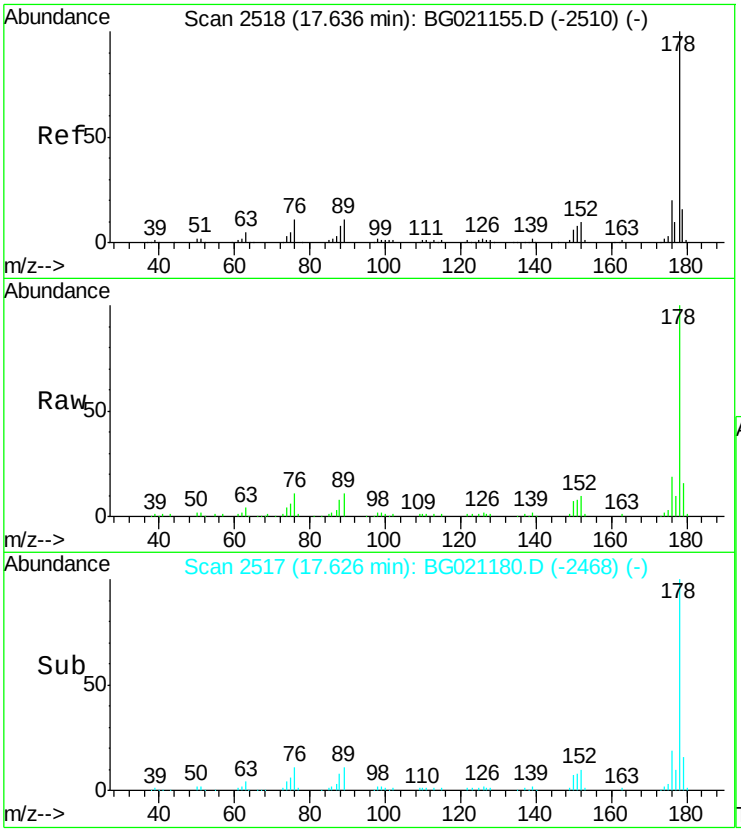


#70
Phenanthrene
Concen: 64.47 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:178 Resp: 256090

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.9	12.9	19.3



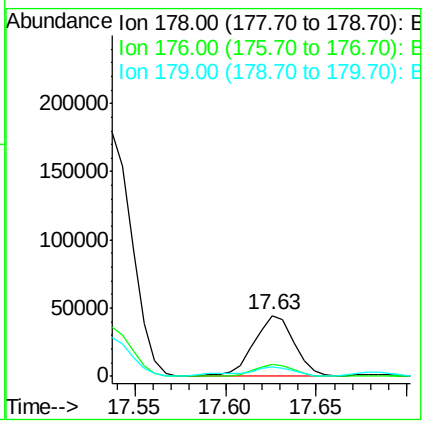


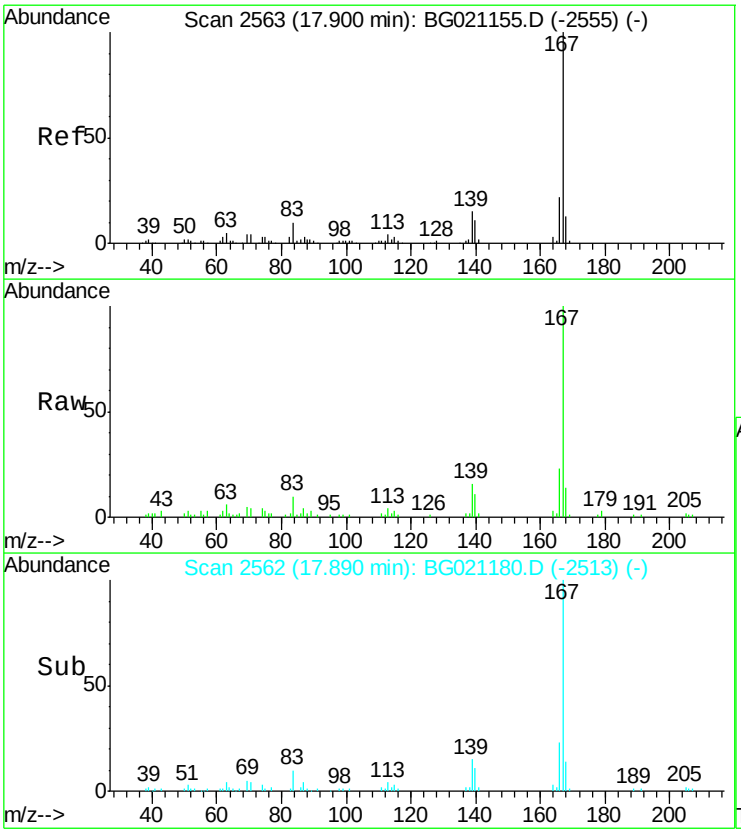
#71
Anthracene
Concen: 16.61 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:178 Resp: 67525

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.6	12.6	19.0

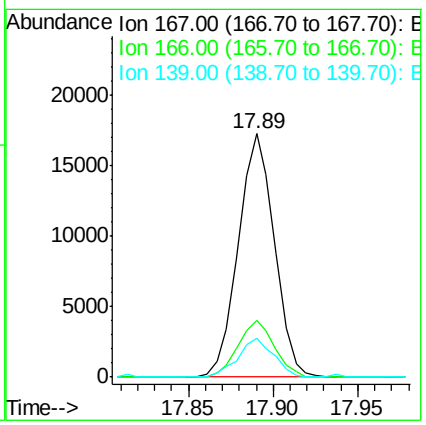


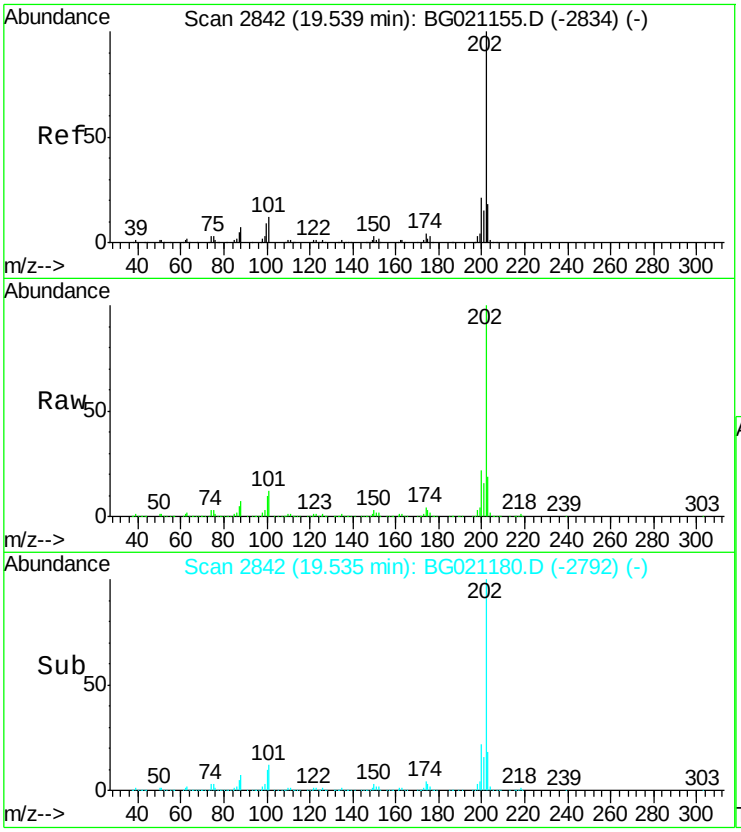


#72
Carbazole
Concen: 7.11 ng
RT: 17.89 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:167 Resp: 25634

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.5	26.3
139	16.1	10.3	15.5#



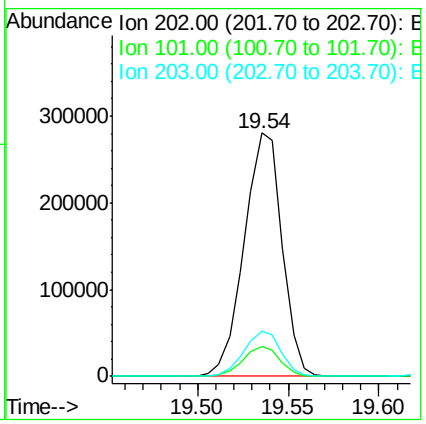


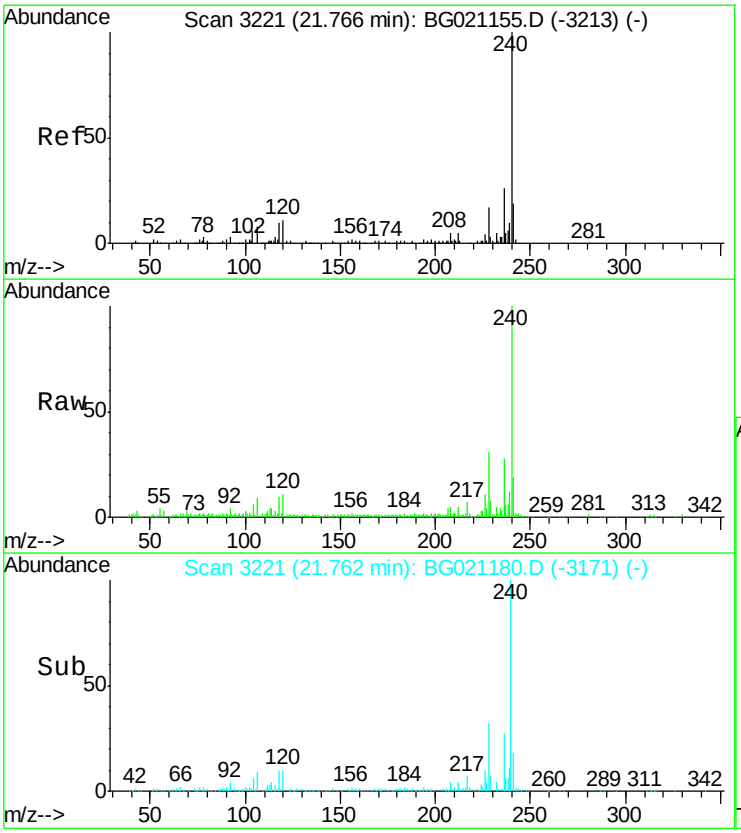
#74
Fluoranthene
Concen: 87.12 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:202 Resp: 406580

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.5
203	18.5	0.0	37.6

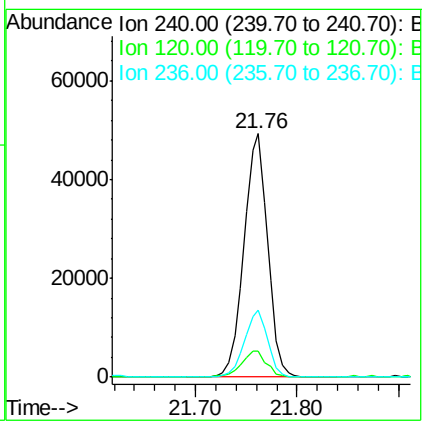


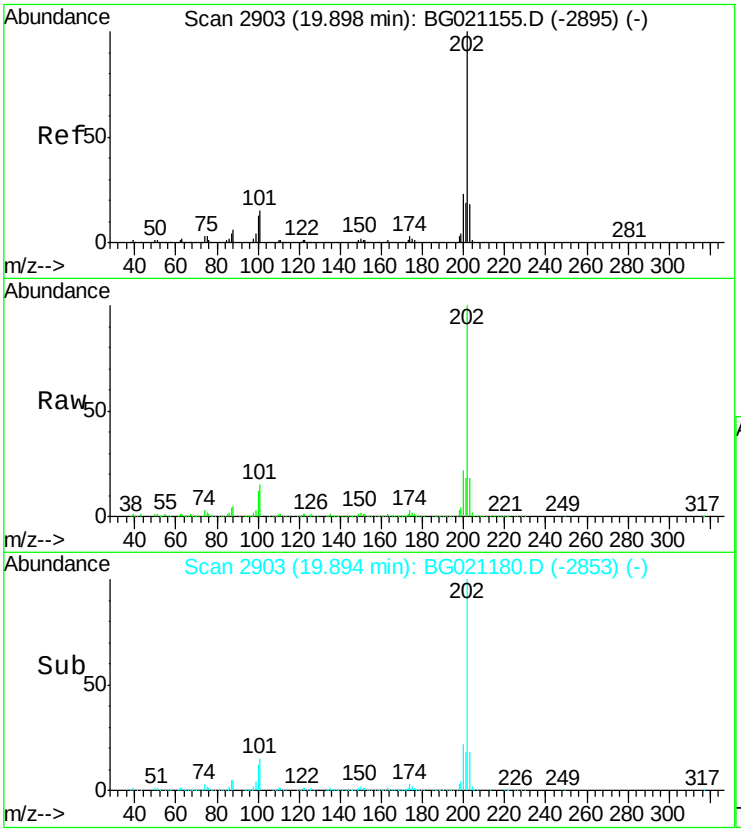


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:240 Resp: 79845

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.5	11.3
236	27.7	20.5	30.7



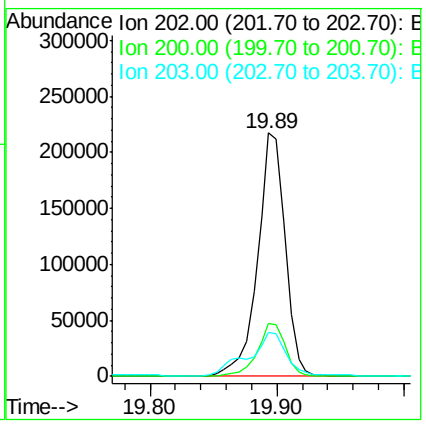


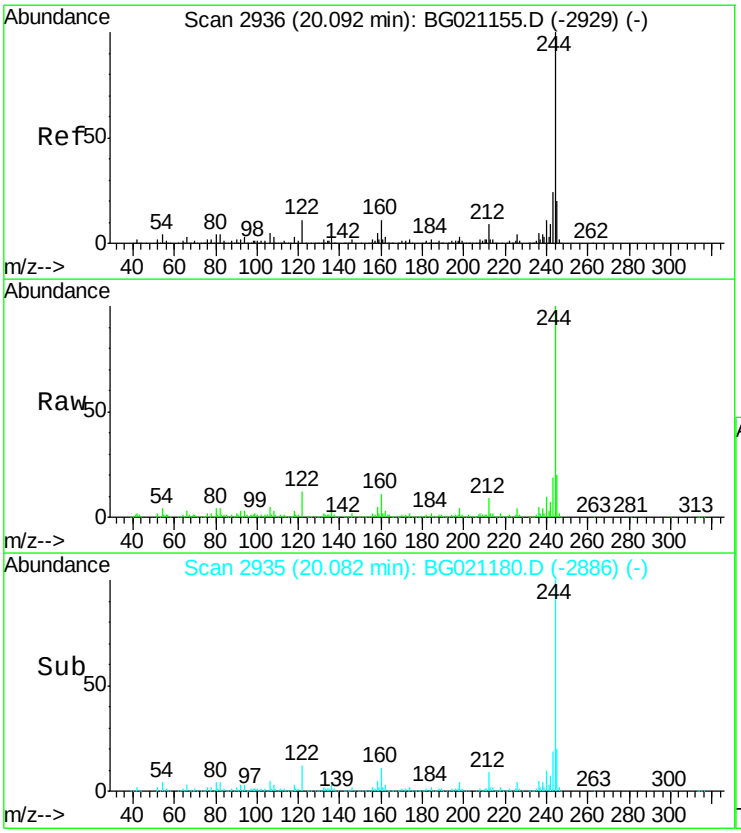
#77
Pyrene
Concen: 68.68 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:202 Resp: 327135

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	18.2	13.8	20.8

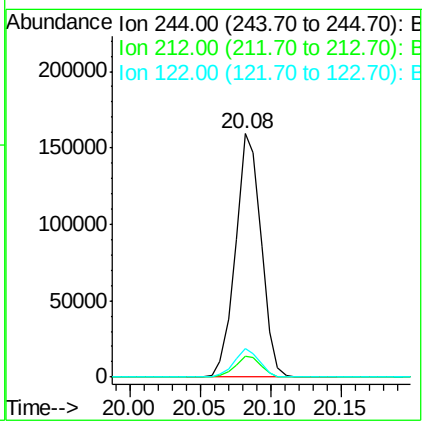


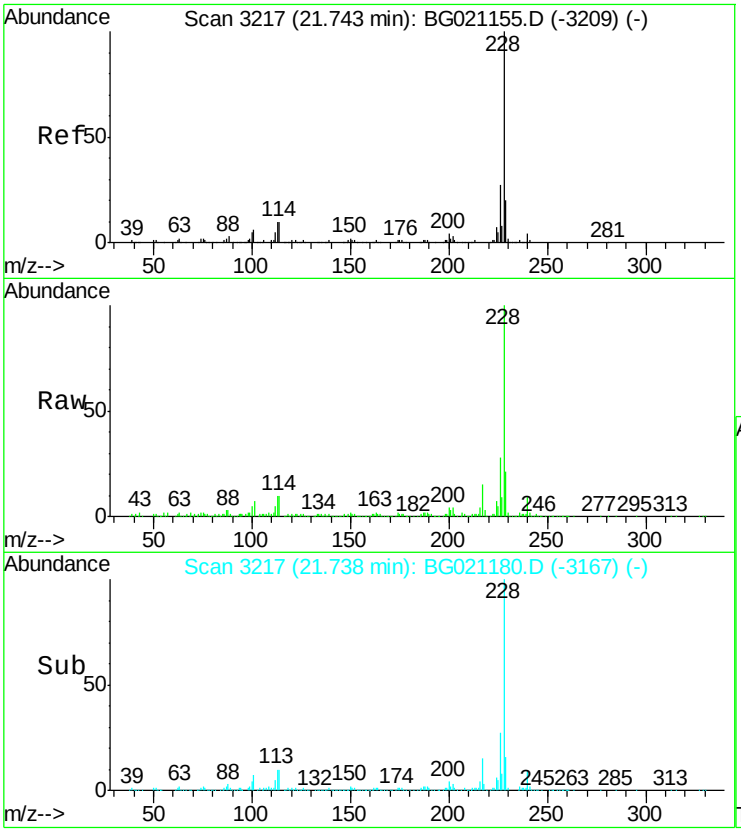


#78
Terphenyl-d14
Concen: 60.88 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:244 Resp: 200655

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.6#
122	11.7	8.3	12.5



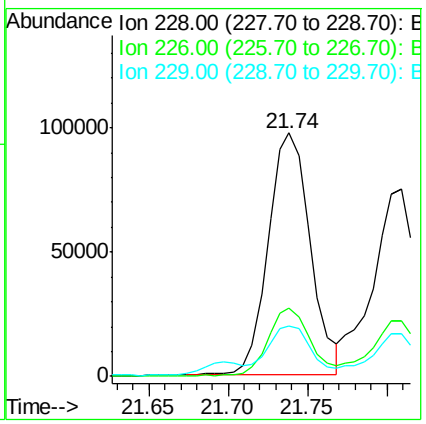


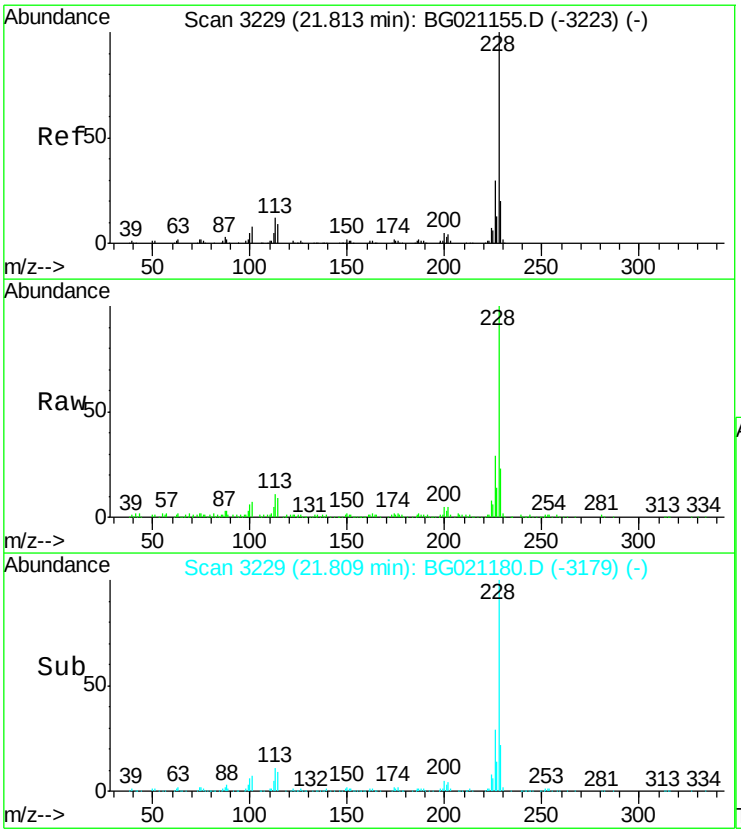
#80
Benzo(a)anthracene
Concen: 38.05 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:228 Resp: 179858

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.5	15.5	23.3

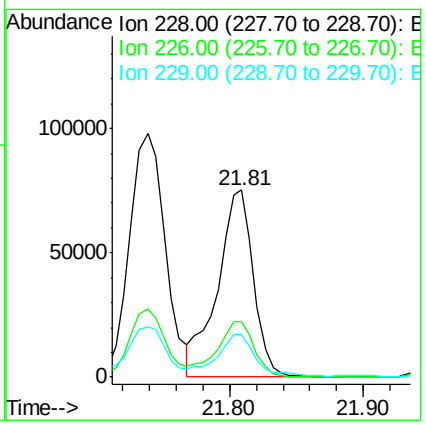


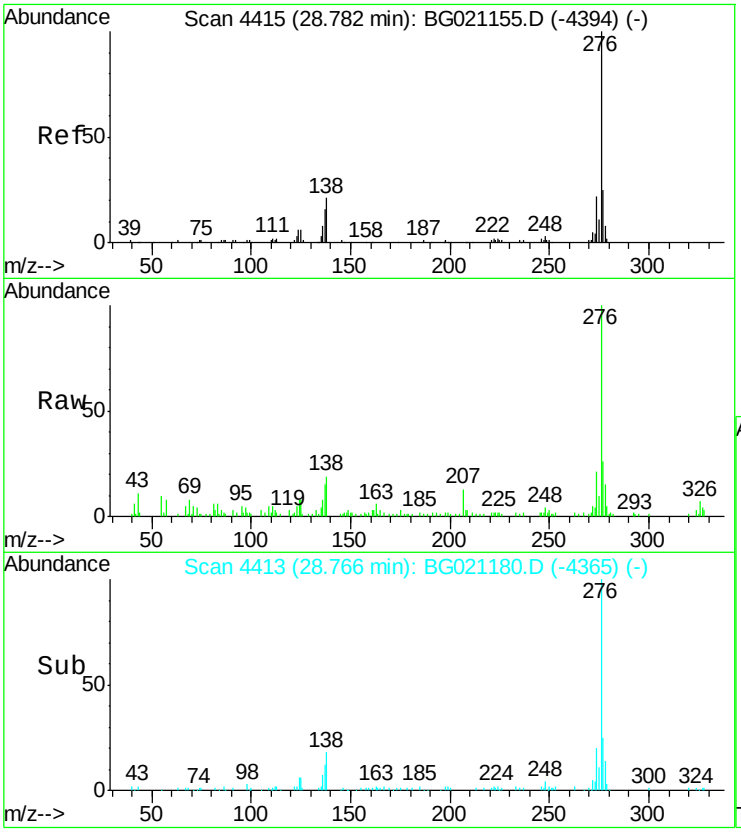


#82
Chrysene
Concen: 31.35 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:228 Resp: 140427

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	22.8	16.7	25.1



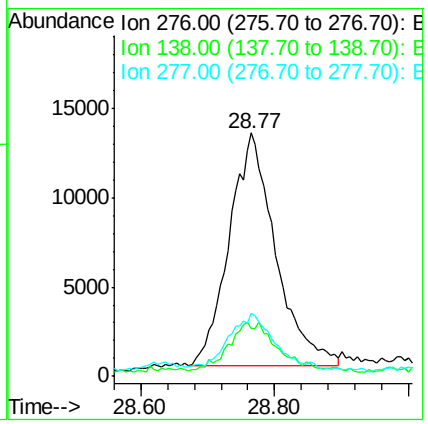


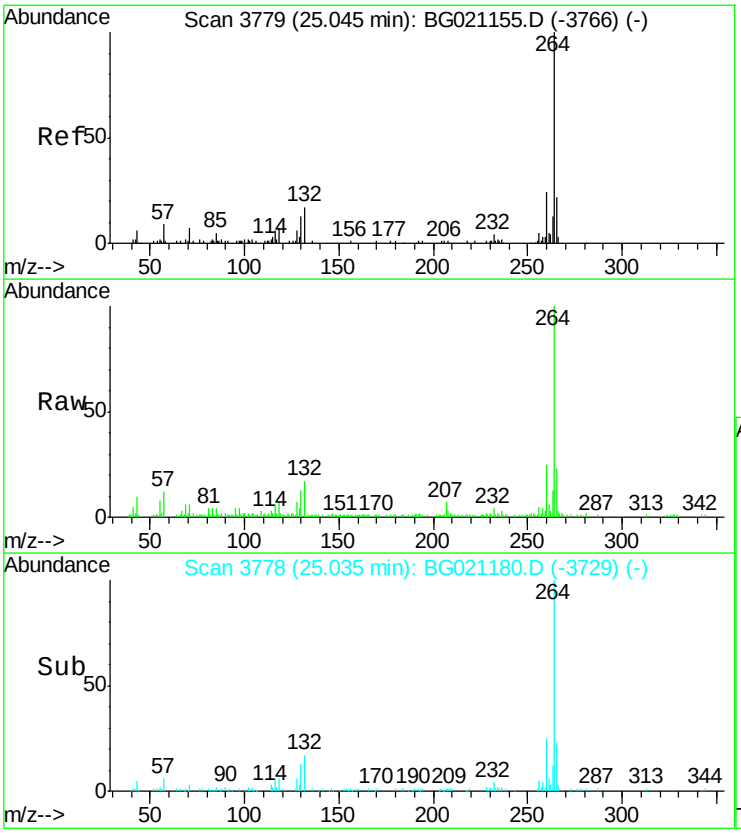
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.16 ng
RT: 28.77 min Scan# 4413
Delta R.T. -0.02 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:276 Resp: 62448

Ion	Ratio	Lower	Upper
276	100		
138	11.8	0.0	0.0#
277	23.6	0.0	0.0#

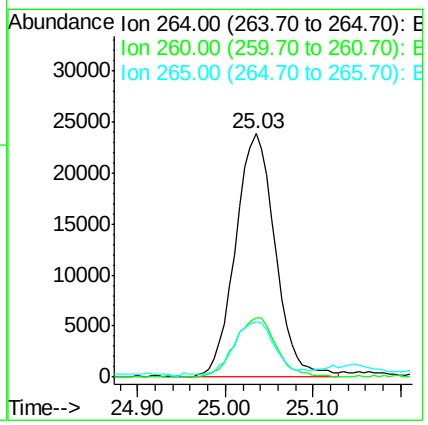


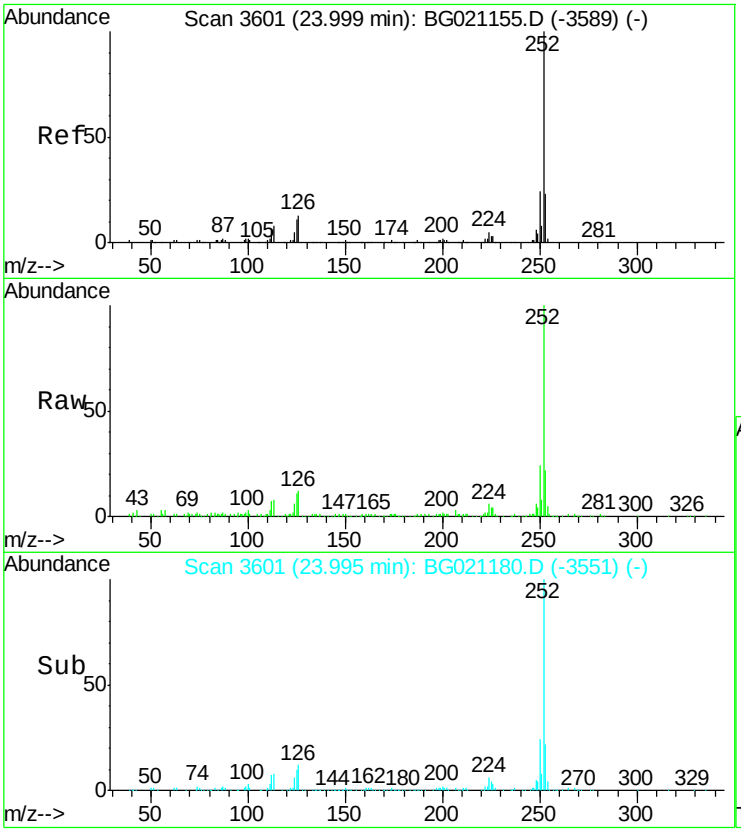


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:264 Resp: 73918

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	22.8	18.6	28.0



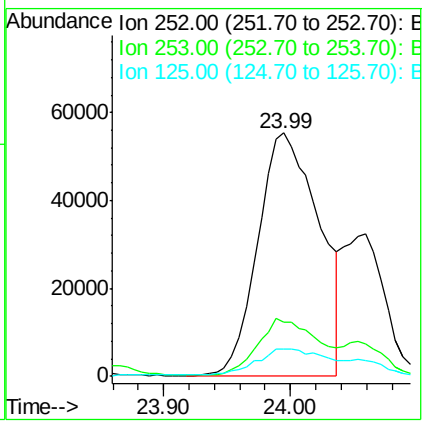


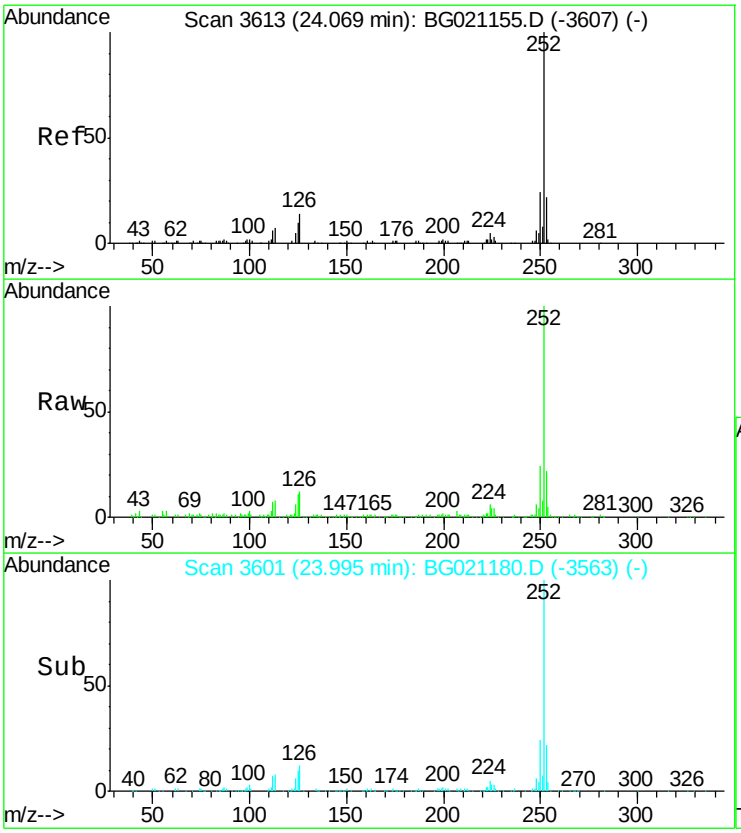
#87
Benzo(b)fluoranthene
Concen: 40.07 ng
RT: 23.99 min Scan# 3601
Delta R.T. -0.00 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:252 Resp: 186292

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.8	25.2
125	11.0	8.2	12.2

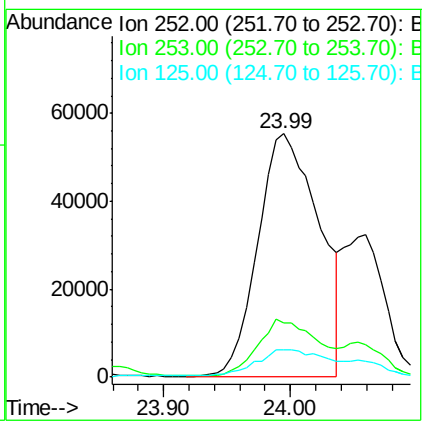


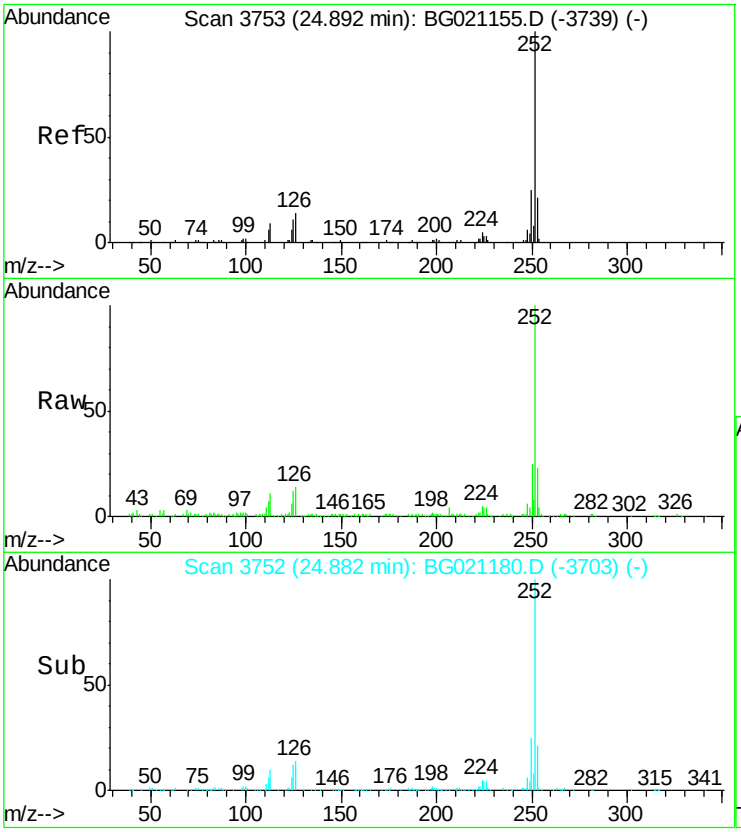


#88
Benzo(k)fluoranthene
Concen: 40.01 ng
RT: 23.99 min Scan# 3601
Delta R.T. -0.07 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:252 Resp: 186292

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.4	24.6
125	11.0	8.2	12.2



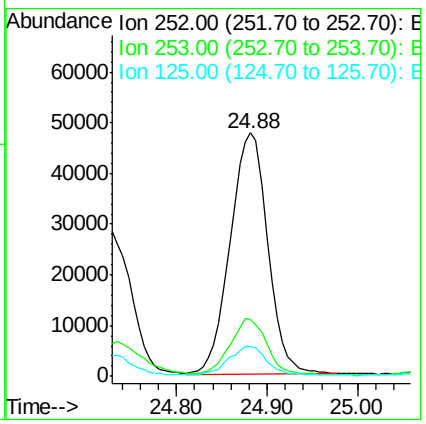


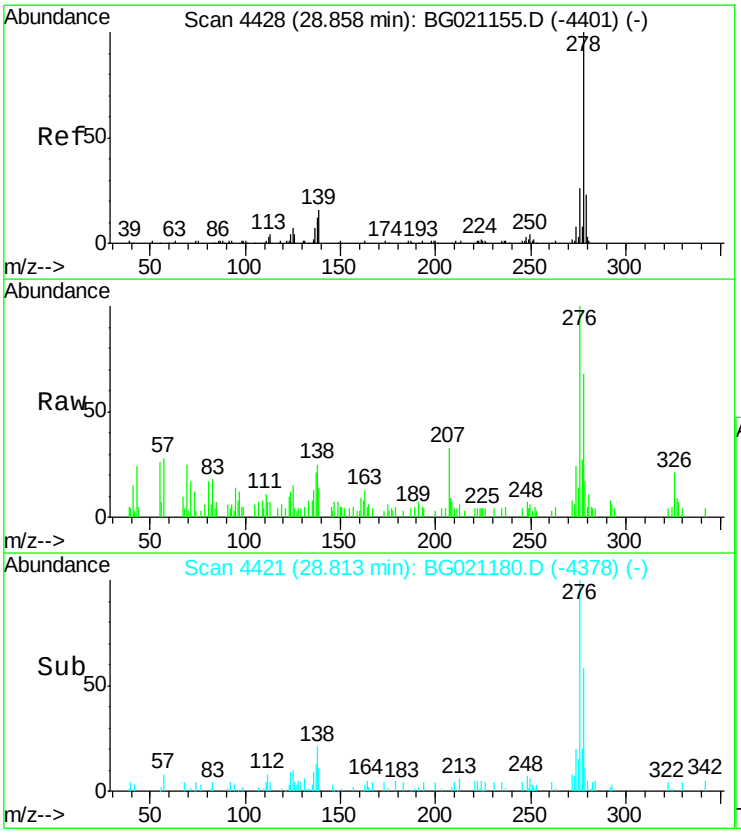
#89
Benzo(a)pyrene
Concen: 30.34 ng
RT: 24.88 min Scan# 3752
Delta R.T. -0.01 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:252 Resp: 136384

Ion	Ratio	Lower	Upper
252	100		
253	23.4	15.8	23.8
125	12.4	8.4	12.6

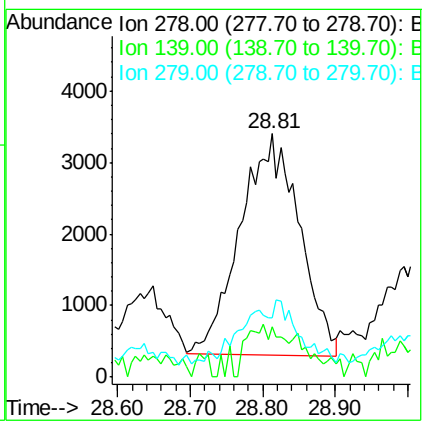


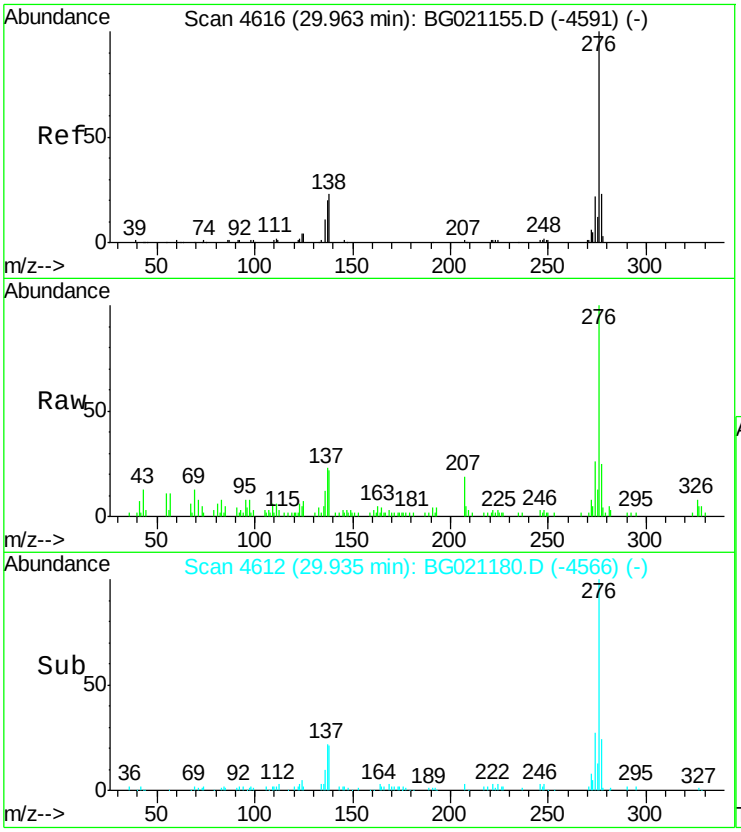


#90
Dibenzo(a,h)anthracene
Concen: 3.93 ng
RT: 28.81 min Scan# 4421
Delta R.T. -0.05 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Tgt Ion:278 Resp: 17468

Ion	Ratio	Lower	Upper
278	100		
139	20.5	10.6	15.8#
279	24.6	19.7	29.5





#91
Benzo(g,h,i)perylene
Concen: 12.98 ng
RT: 29.93 min Scan# 4612
Delta R.T. -0.03 min
Lab File: BG021180.D
Acq: 1 Mar 2016 9:27

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)RE

Tgt Ion:276 Resp: 55777

Ion	Ratio	Lower	Upper
276	100		
277	25.3	16.6	25.0#
138	22.5	14.6	21.8#