Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

Quant Time: Apr 15 16:28:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	48396	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	203461	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	111049	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	228479	20.00	ng		0.00
75) Chrysene-d12	21.84	240	258282	20.00	ng		0.00
86) Perylene-d12	25.19	264	210058	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	431579	148.50	ng		0.01
7) Phenol-d6	7.38	99	603939	139.12	ng		0.02
23) Nitrobenzene-d5	9.39	82	383994	97.01	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	180426	150.75	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	736889	97.22	ng		0.00
78) Terphenyl-d14	20.15	244	864373	83.51	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.09	128	21935	2.01	ng	#	93
32) Benzoic acid	10.23	122	1181	4.92	ng		96
49) Dimethylphthalate	14.27	163	117960	12.29	ng	#	98
70) Phenanthrene	17.61	178	175414	13.93	ng		99
71) Anthracene	17.69	178	48585	3.80	ng		97
74) Fluoranthene	19.60	202	412142	27.41	ng		98
77) Pyrene	19.96	202	410925	27.59	ng		99
80) Benzo(a)anthracene	21.82	228	251746	16.94	ng		98
82) Chrysene	21.82	228	251746	17.63	ng		94
85) Indeno(1,2,3-cd)pyrene	29.02	276	73392	4.32	ng	#	54
87) Benzo(b)fluoranthene	24.12	252	274909	22.55	ng		95
88) Benzo(k)fluoranthene	24.12	252	274909	23.07	ng	#	95
89) Benzo(a)pyrene	25.03	252	190040	16.09	ng	#	93
91) Benzo(g,h,i)perylene	30.19	276	29282	2.52	ng		91

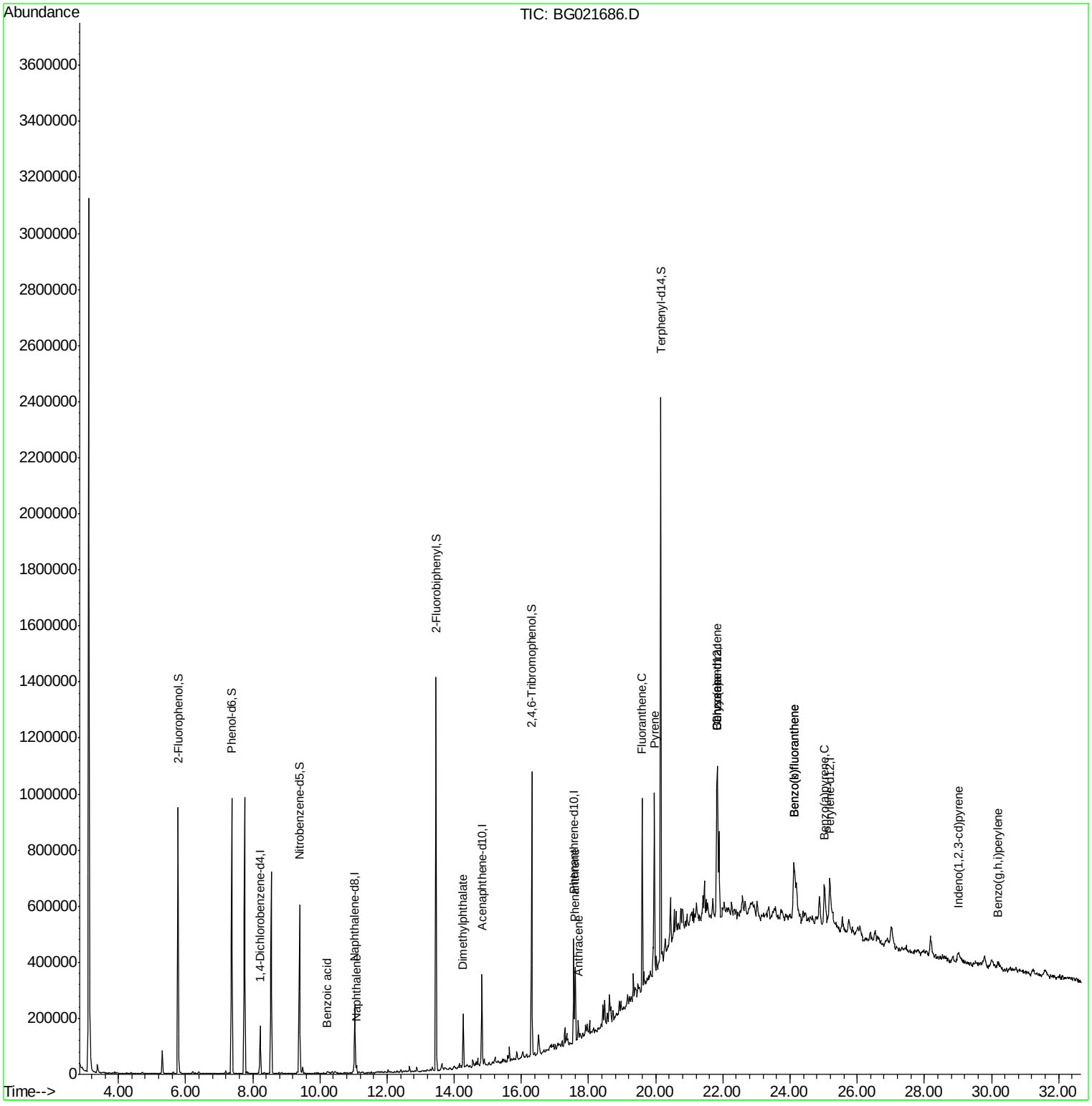
(#) = qualifier out of range (m) = manual integration (+) = signals summed

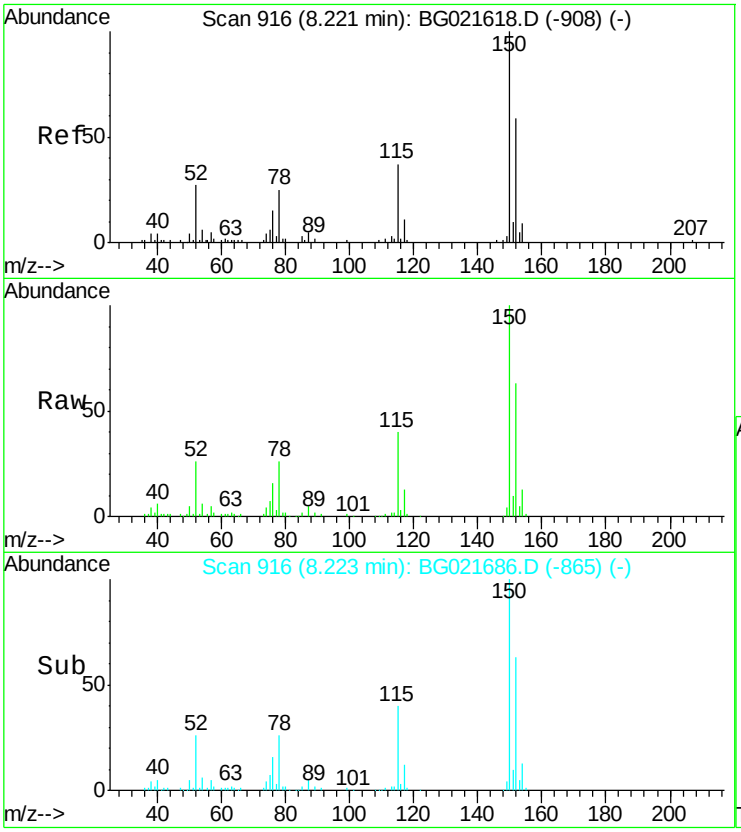
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Quant Time: Apr 15 16:28:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



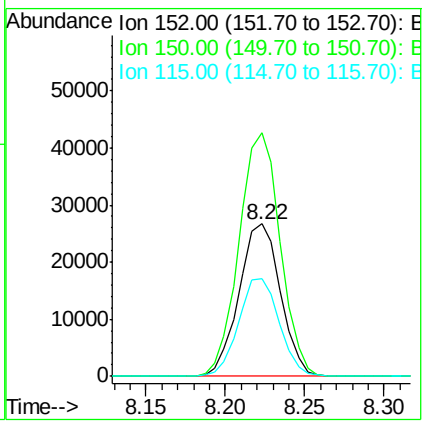


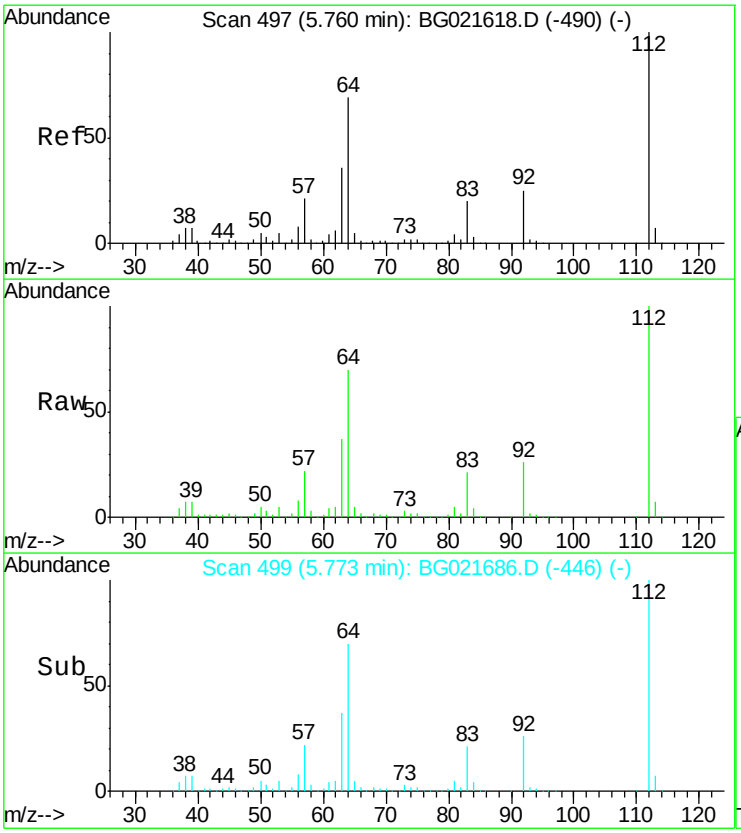
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:152 Resp: 48396

Ion	Ratio	Lower	Upper
152	100		
150	159.6	130.1	195.1
115	63.9	62.2	93.2

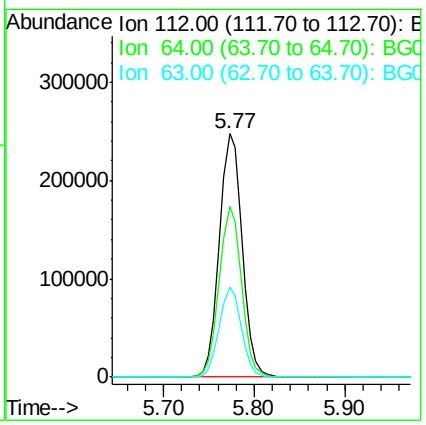


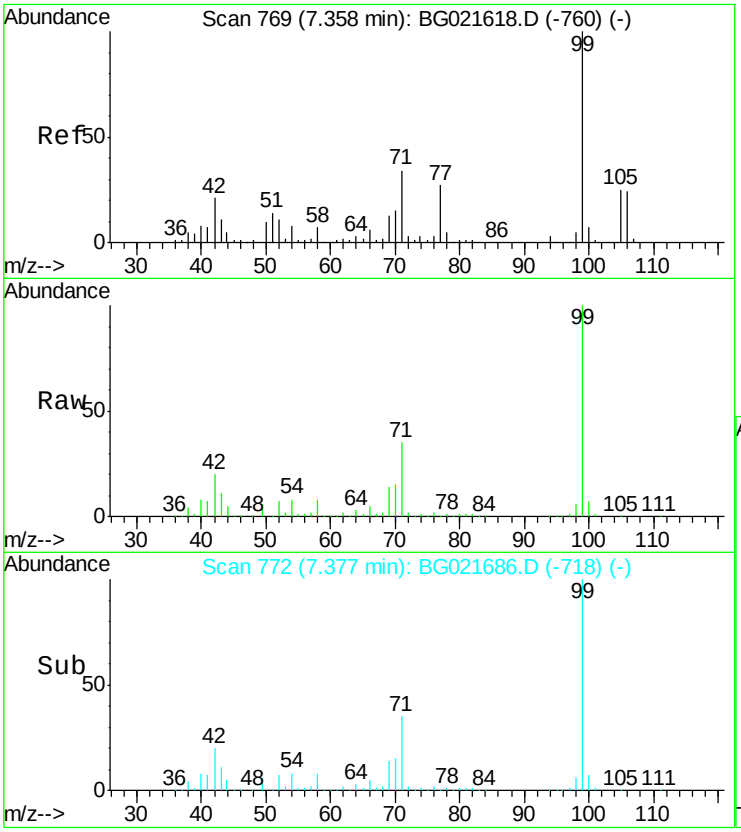


#5
2-Fluorophenol
Concen: 148.50 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:112 Resp: 431579

Ion	Ratio	Lower	Upper
112	100		
64	70.2	51.1	76.7
63	36.8	24.6	37.0



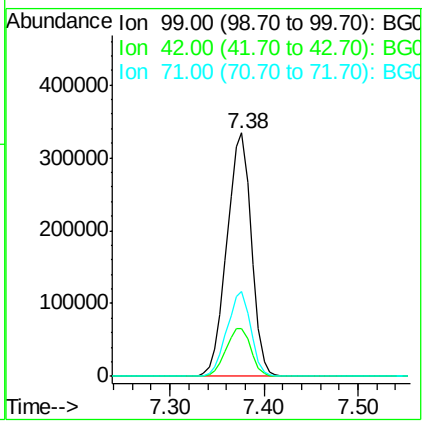


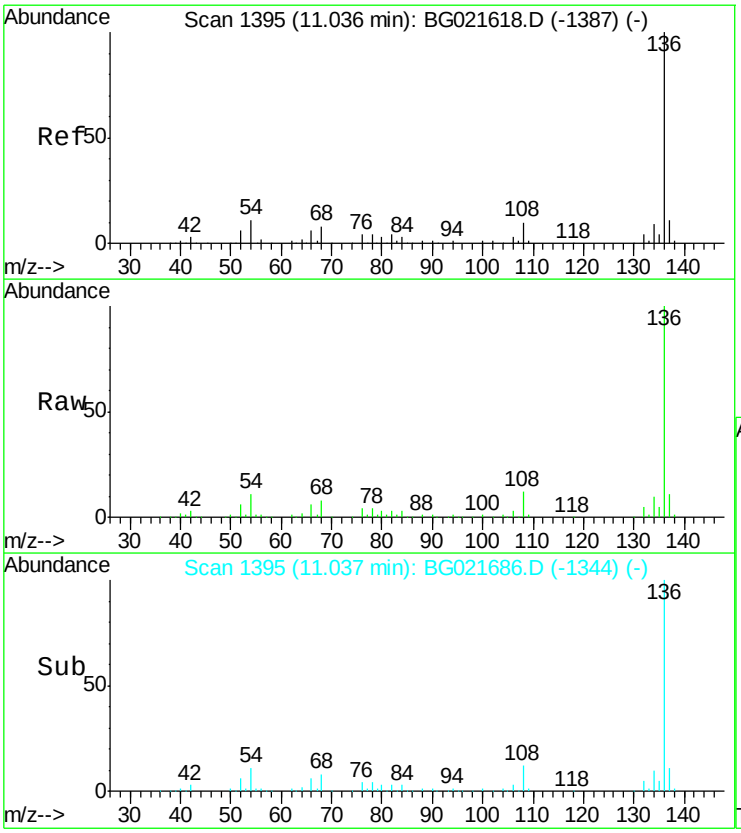
#7
Phenol-d6
Concen: 139.12 ng
RT: 7.38 min Scan# 772
Delta R.T. 0.02 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion: 99 Resp: 603939

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.4	24.6
71	34.9	25.0	37.4

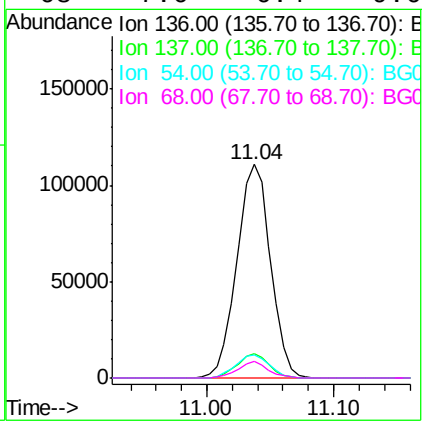


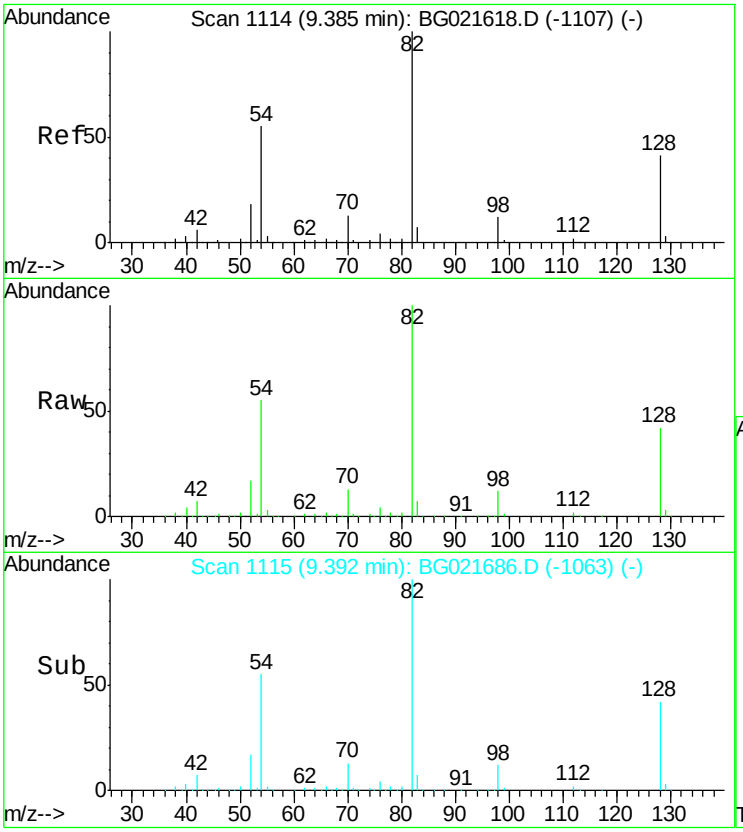


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:136 Resp: 203461

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	10.9	9.6	14.4
68	7.6	6.4	9.6



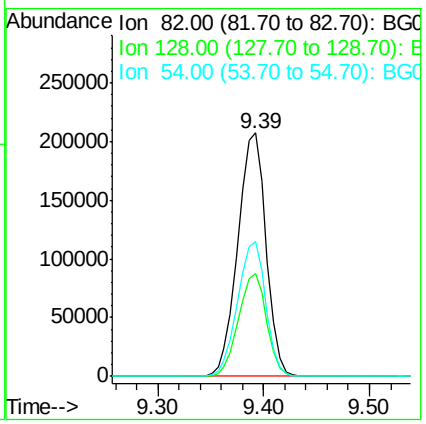


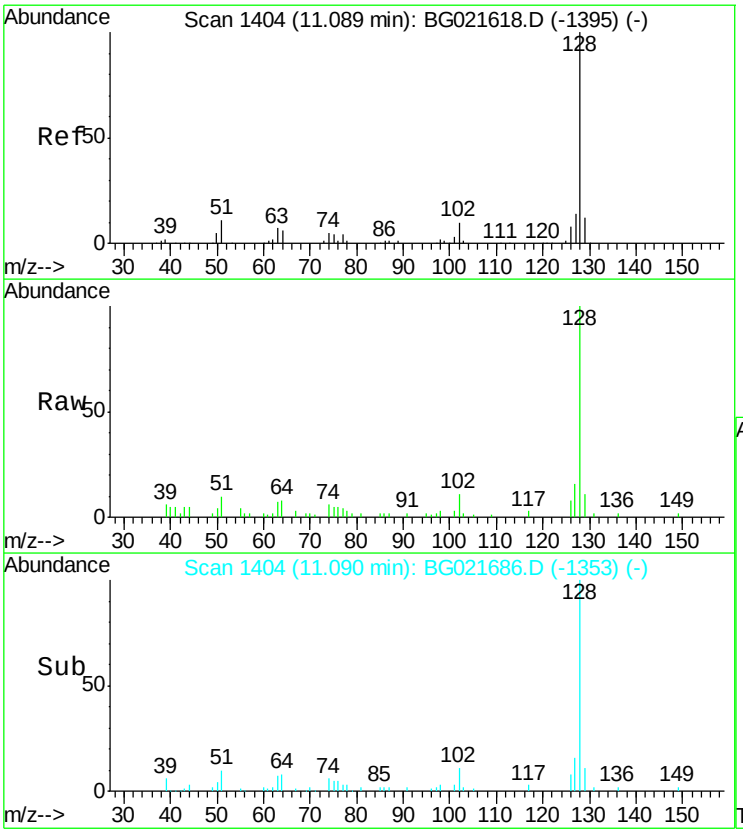
#23
Nitrobenzene-d5
Concen: 97.01 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion: 82 Resp: 383994

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	55.2	46.1	69.1

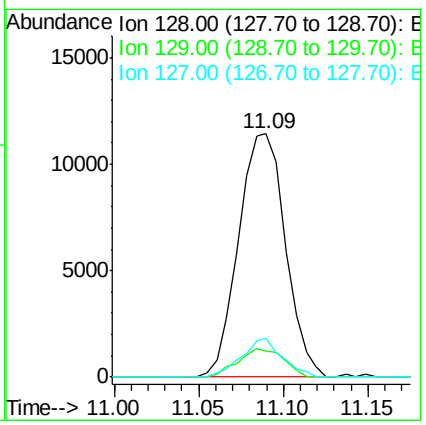


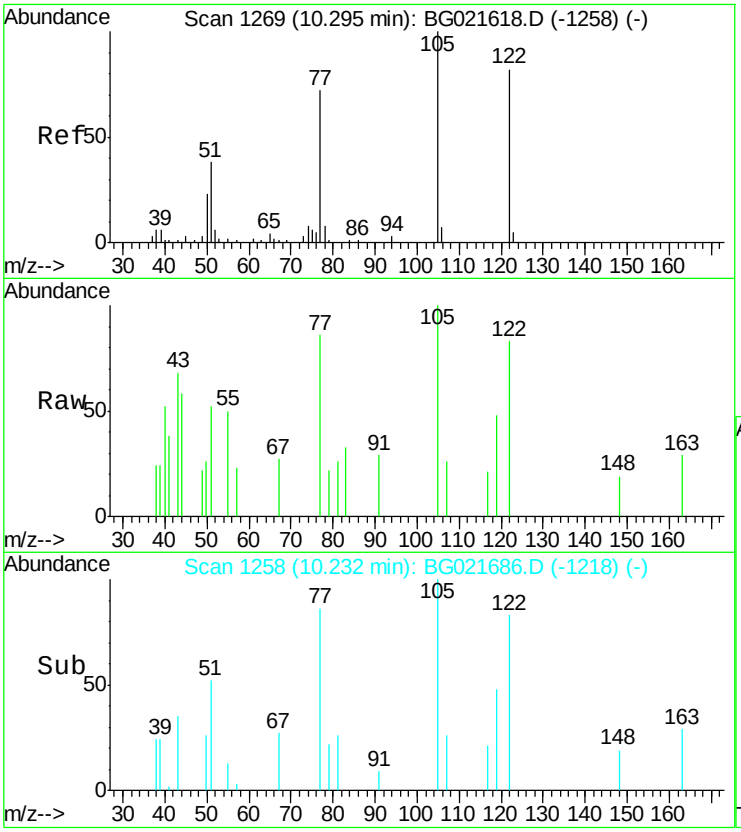


#31
Naphthalene
Concen: 2.01 ng
RT: 11.09 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:128 Resp: 21935

Ion	Ratio	Lower	Upper
128	100		
129	10.8	7.0	10.6#
127	15.8	10.1	15.1#



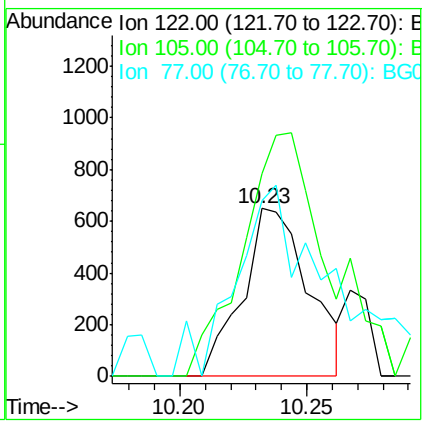


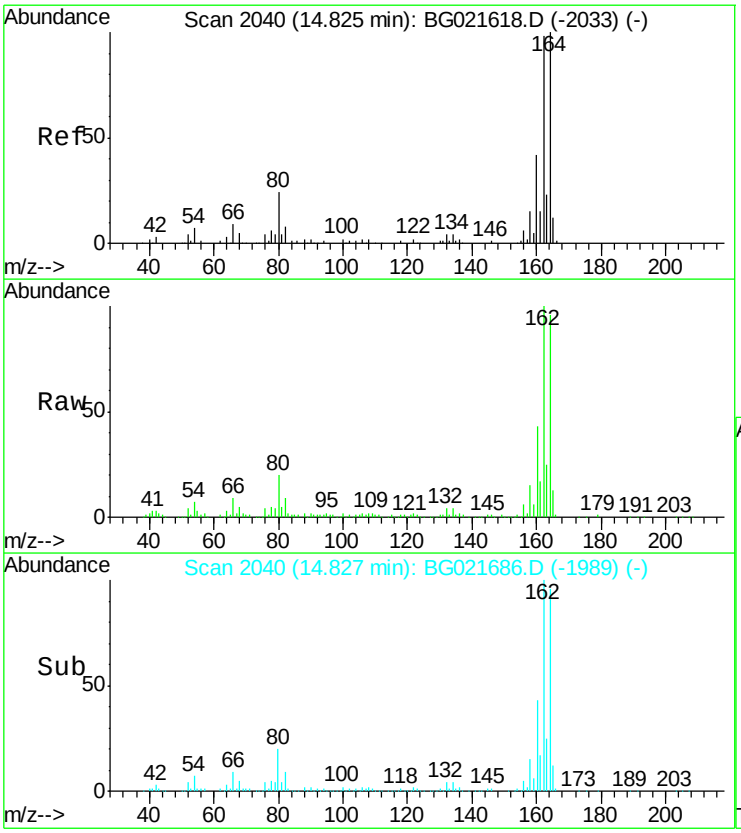
#32
Benzoic acid
Concen: 4.92 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.06 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:122 Resp: 1181

Ion	Ratio	Lower	Upper
122	100		
105	120.9	104.5	144.5
77	104.3	79.9	119.9

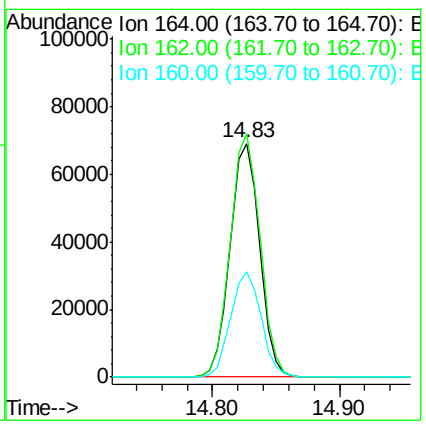


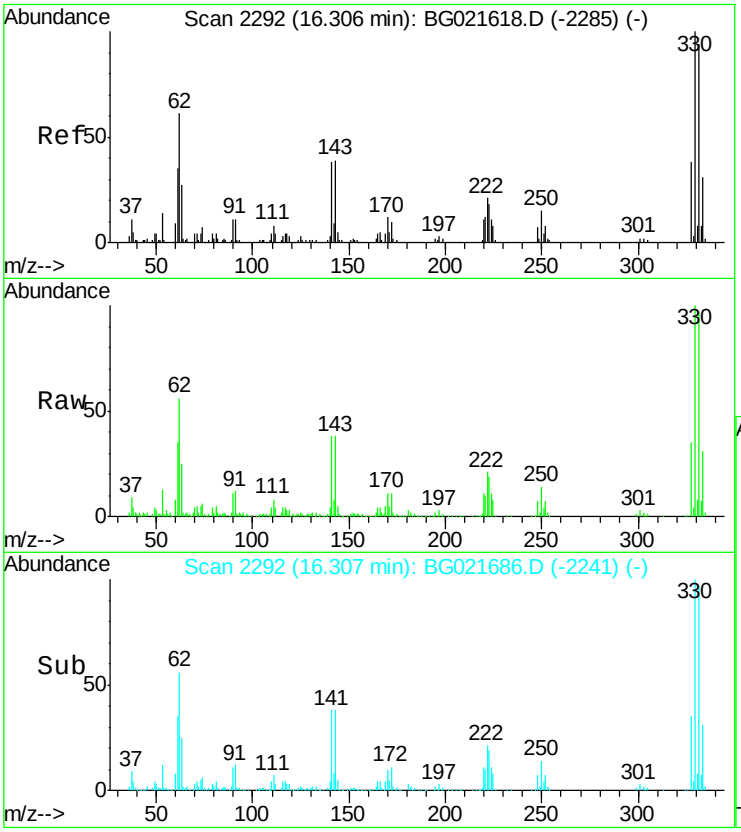


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:164 Resp: 111049

Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.0	117.0
160	44.9	32.9	49.3



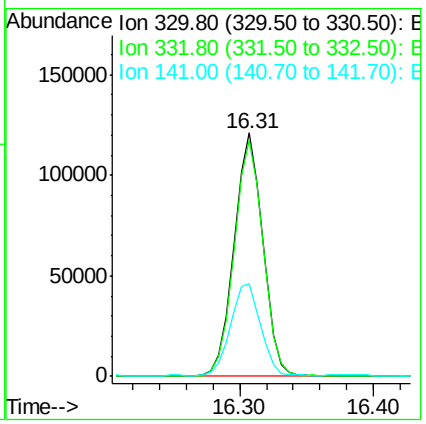


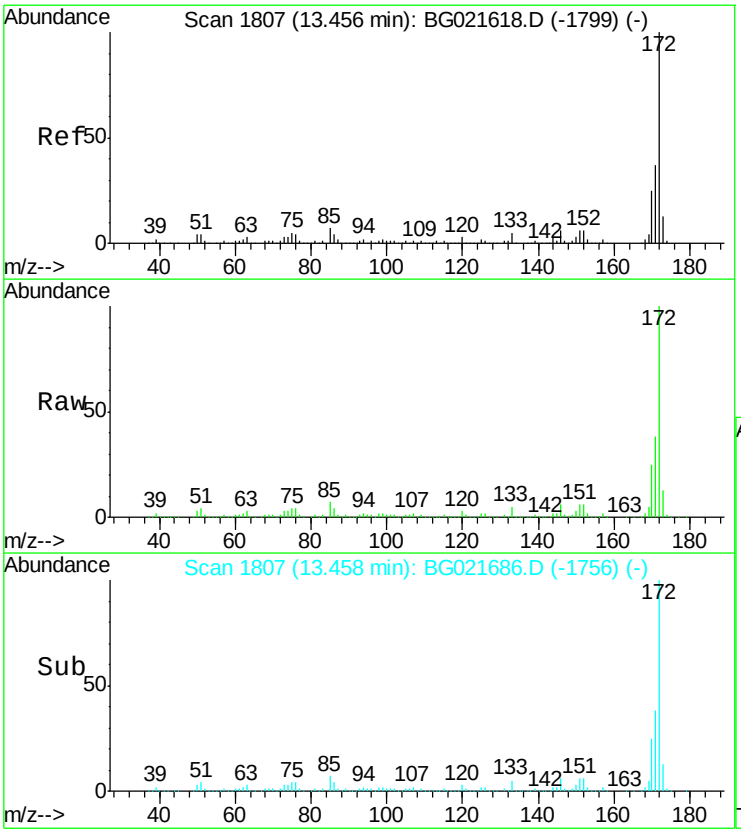
#41
2,4,6-Tribromophenol
Concen: 150.75 ng
RT: 16.31 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:330 Resp: 180426

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	39.5	33.8	50.8

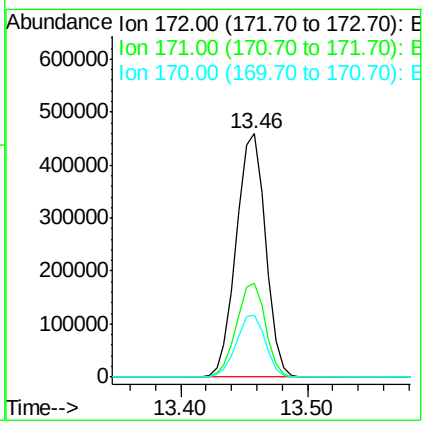


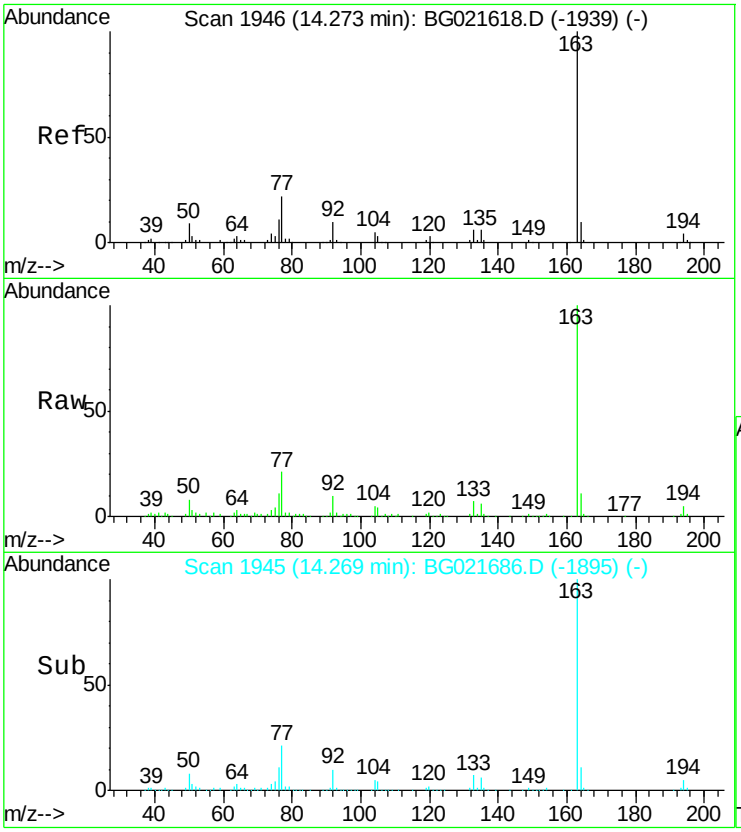


#44
2-Fluorobiphenyl
Concen: 97.22 ng
RT: 13.46 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:172 Resp: 736889

Ion	Ratio	Lower	Upper
172	100		
171	38.4	27.8	41.6
170	25.4	19.6	29.4



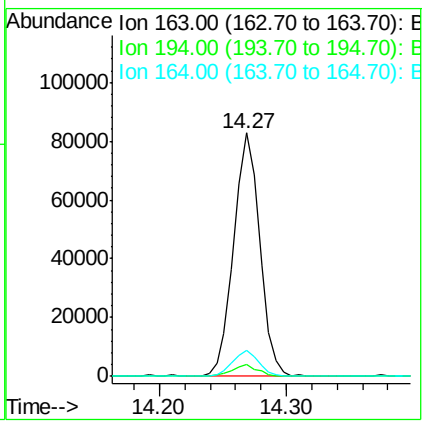


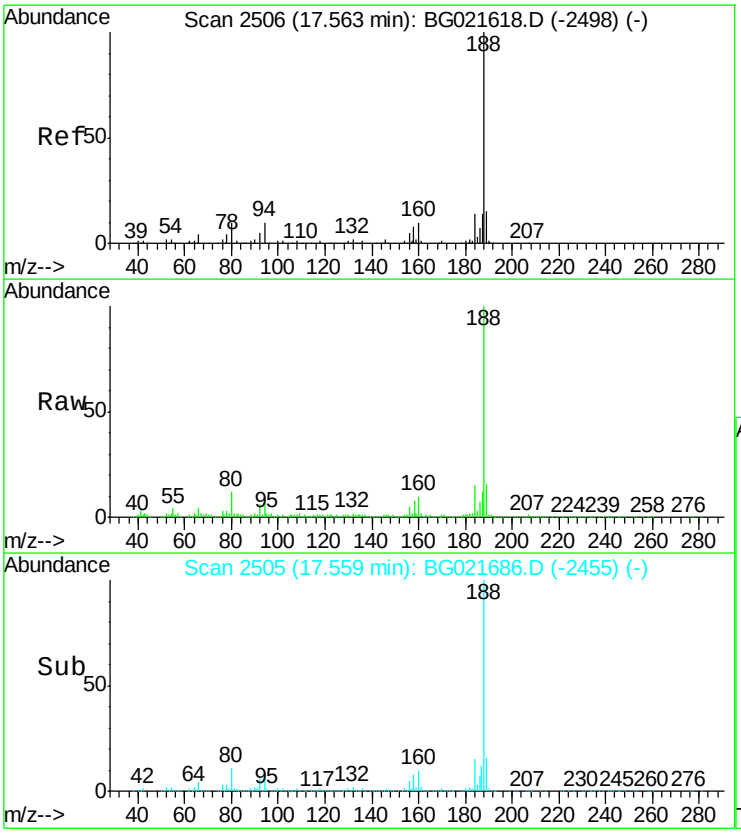
#49
Dimethylphthalate
Concen: 12.29 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:163 Resp: 117960

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	10.6	8.1	12.1

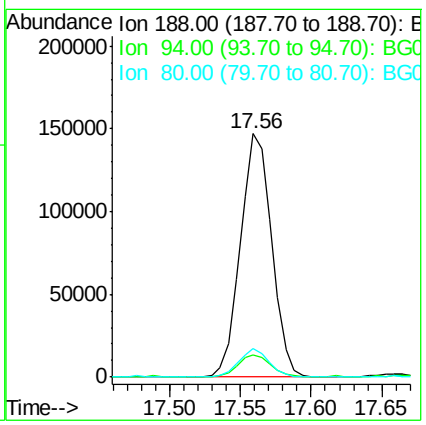


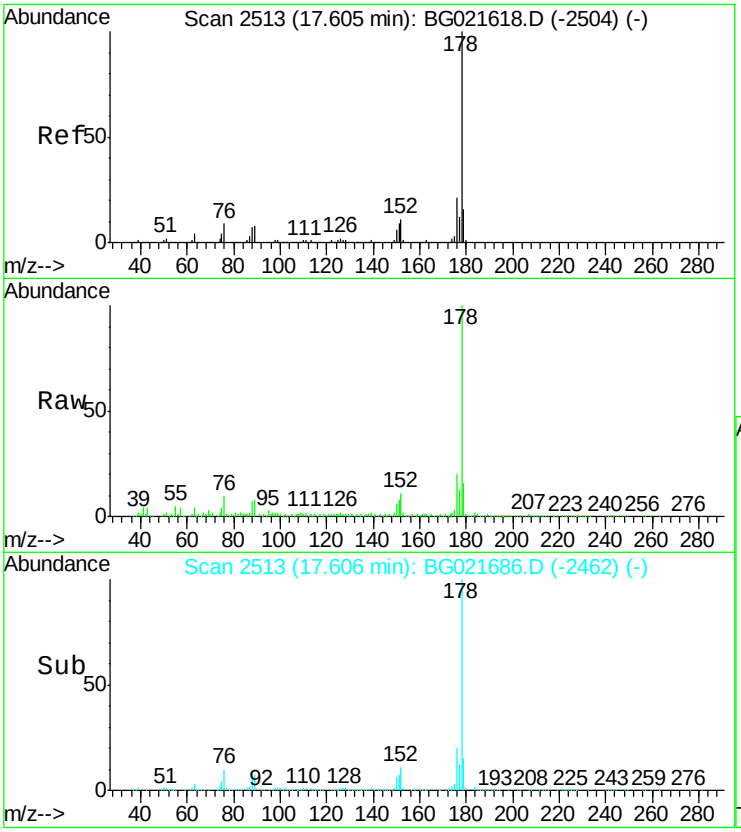


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:188 Resp: 228479

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	11.6	8.6	13.0



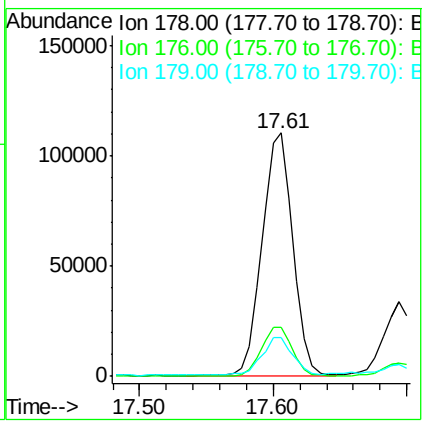


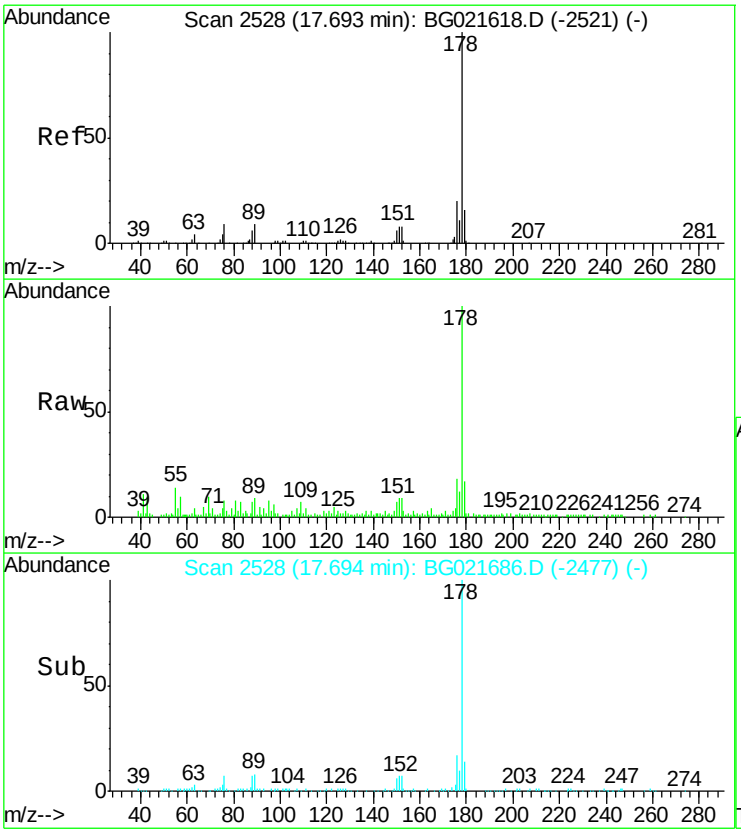
#70
Phenanthrene
Concen: 13.93 ng
RT: 17.61 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:178 Resp: 175414

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.8	12.0	18.0

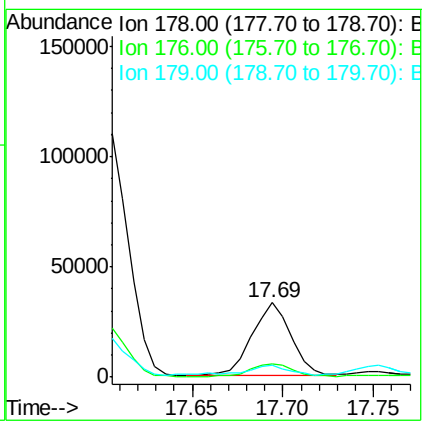


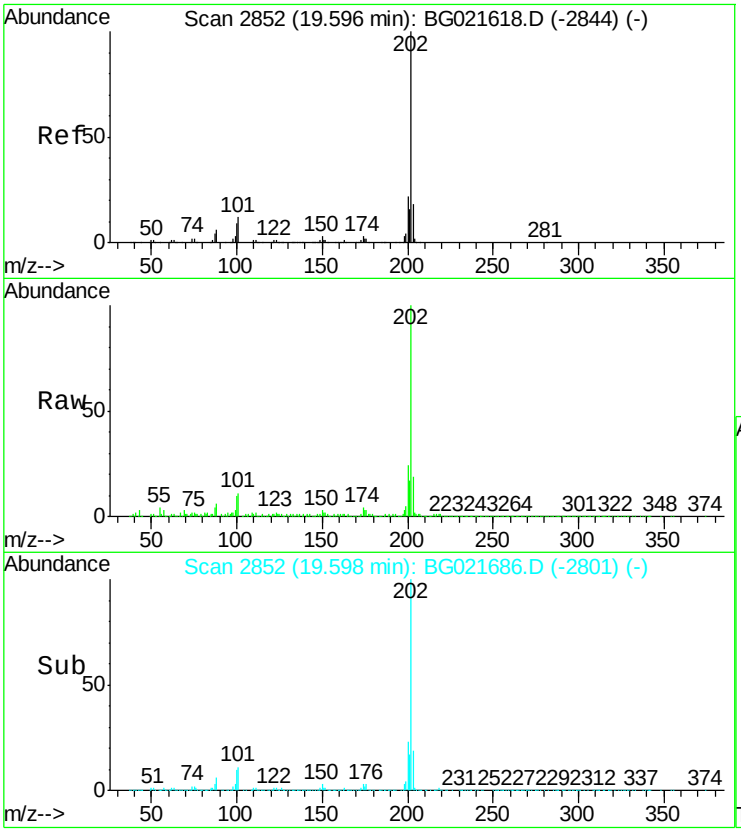


#71
Anthracene
Concen: 3.80 ng
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:178 Resp: 48585

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	16.5	12.2	18.4



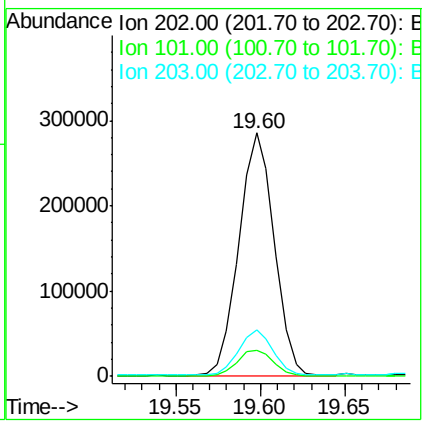


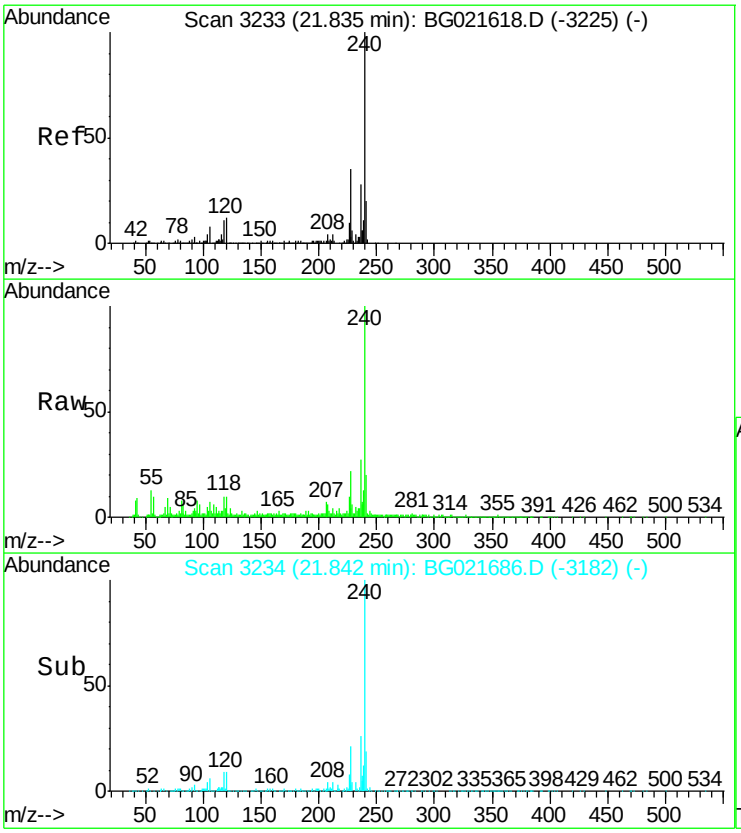
#74
Fluoranthene
Concen: 27.41 ng
RT: 19.60 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:202 Resp: 412142

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.0
203	19.0	0.0	37.9

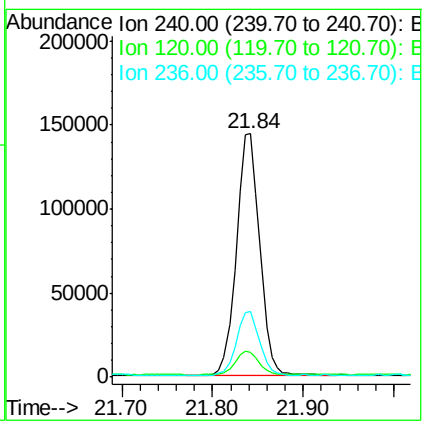


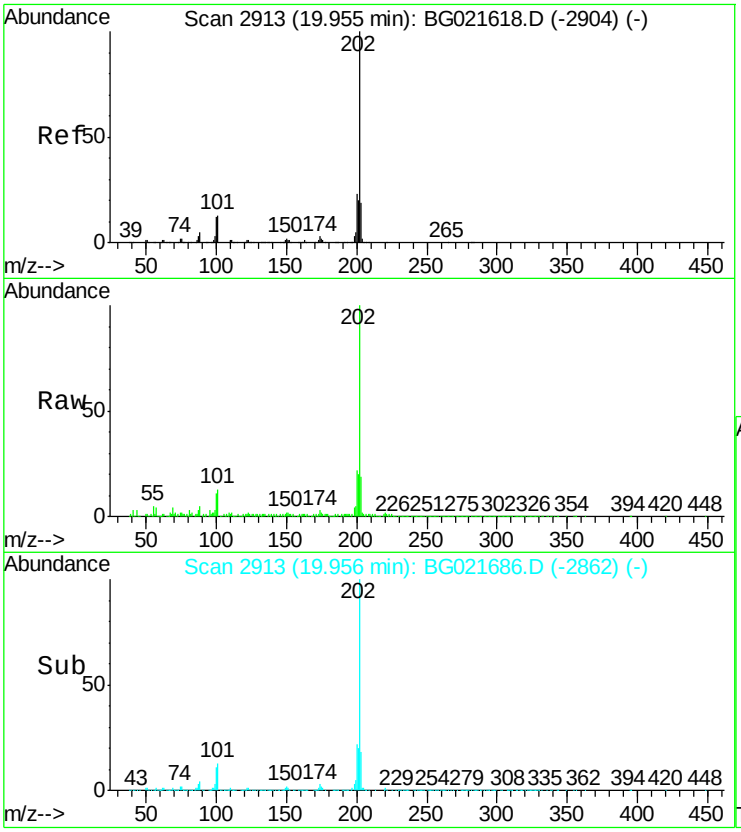


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.01 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:240 Resp: 258282

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.8	19.6	29.4



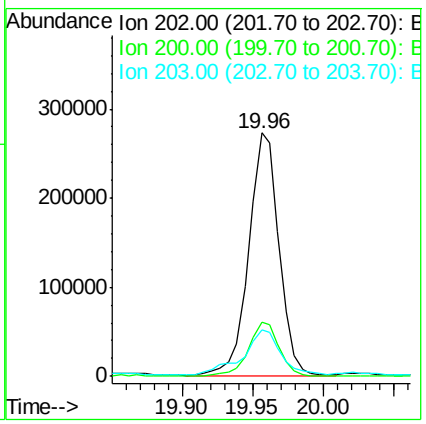


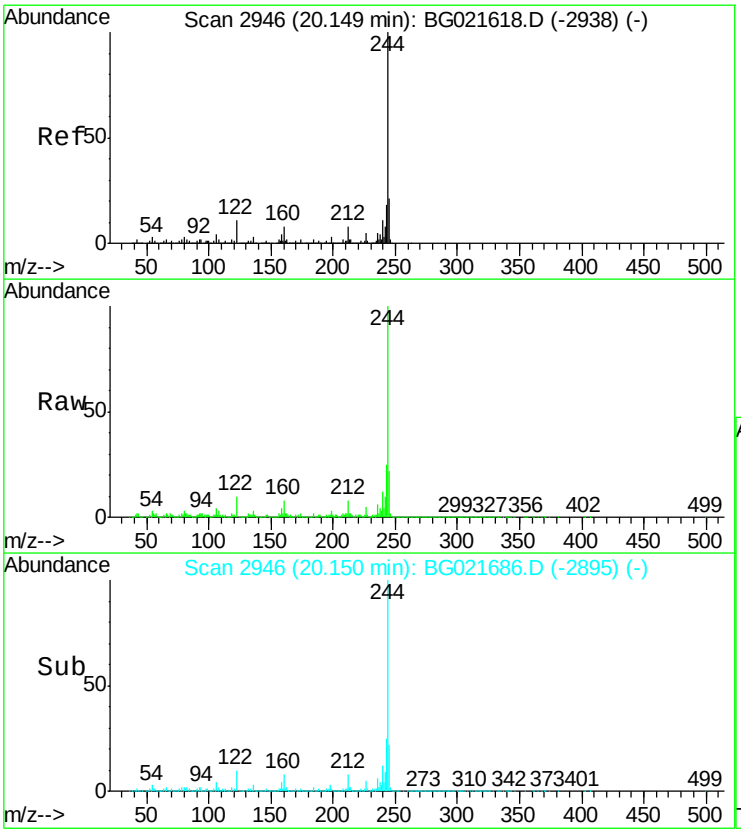
#77
Pyrene
Concen: 27.59 ng
RT: 19.96 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:202 Resp: 410925

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.2
203	19.0	15.0	22.4

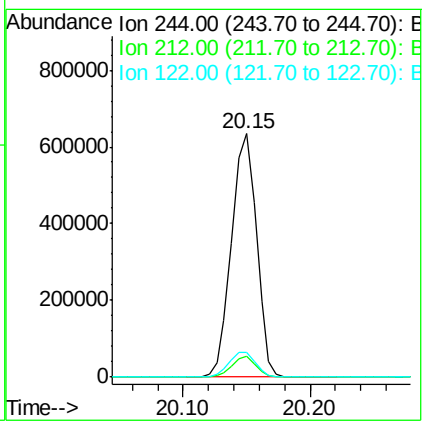


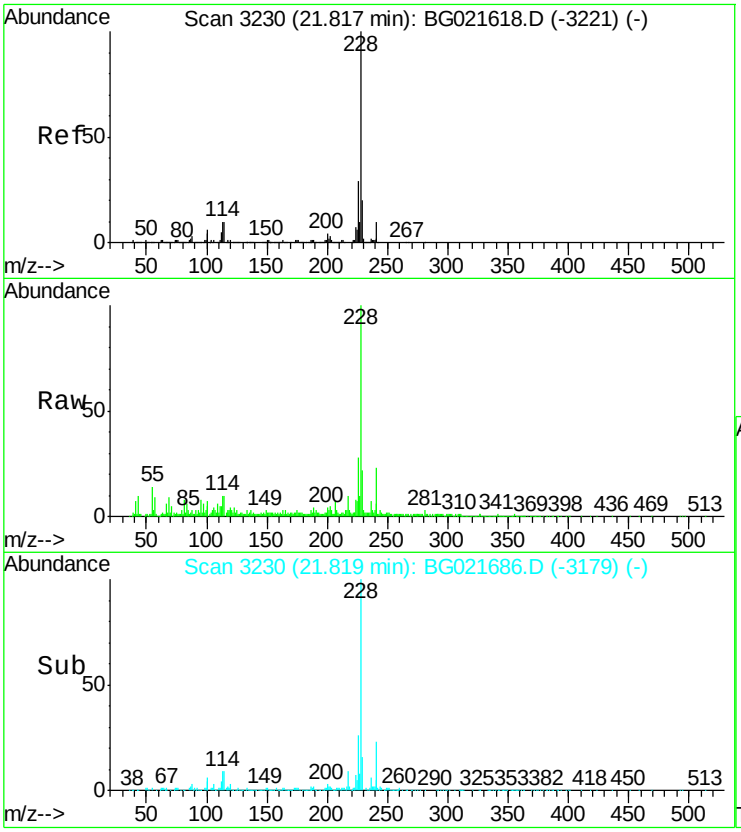


#78
Terphenyl-d14
Concen: 83.51 ng
RT: 20.15 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:244 Resp: 864373

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.2	8.6	12.8



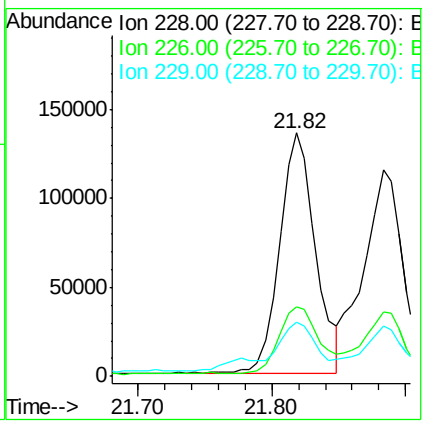


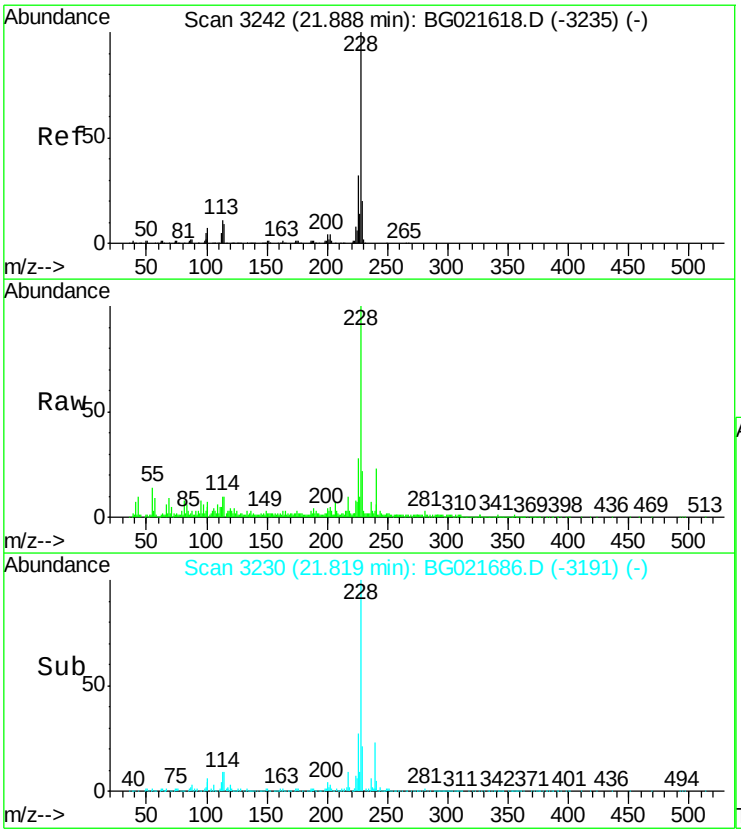
#80
Benzo(a)anthracene
Concen: 16.94 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:228 Resp: 251746

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	22.4	16.1	24.1

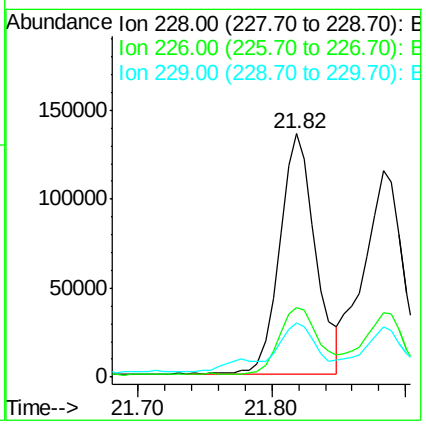


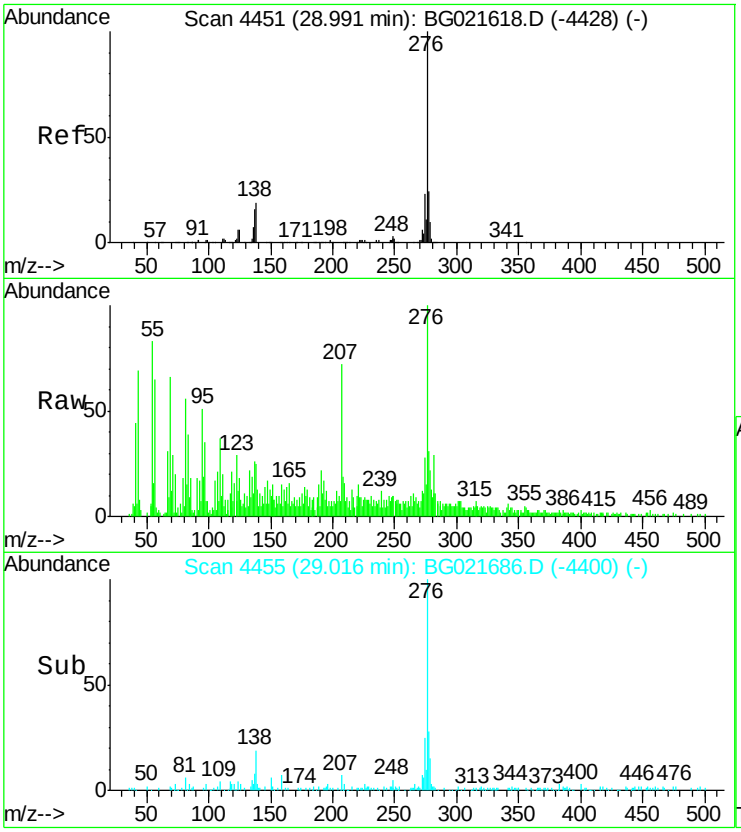


#82
Chrysene
Concen: 17.63 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.07 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:228 Resp: 251746

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.4	38.0
229	22.4	15.9	23.9



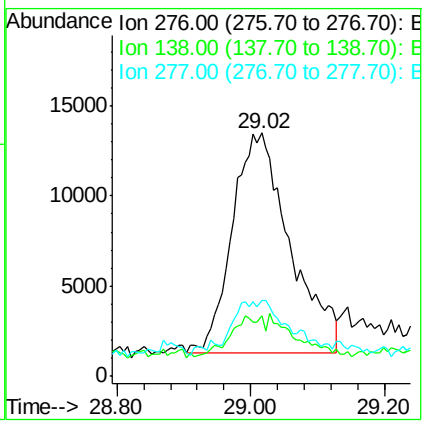


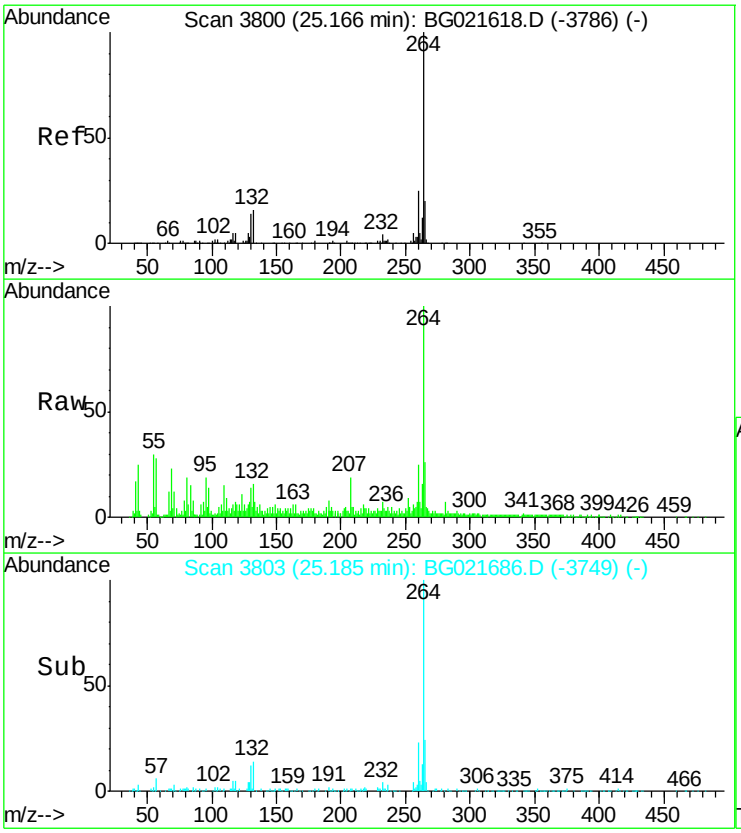
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.32 ng
RT: 29.02 min Scan# 4455
Delta R.T. 0.02 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:276 Resp: 73392

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.0	21.0#
277	0.0	20.6	30.8#

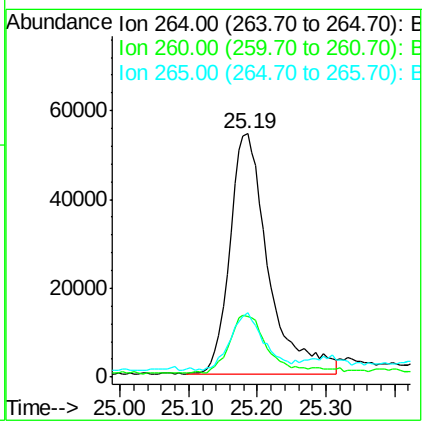


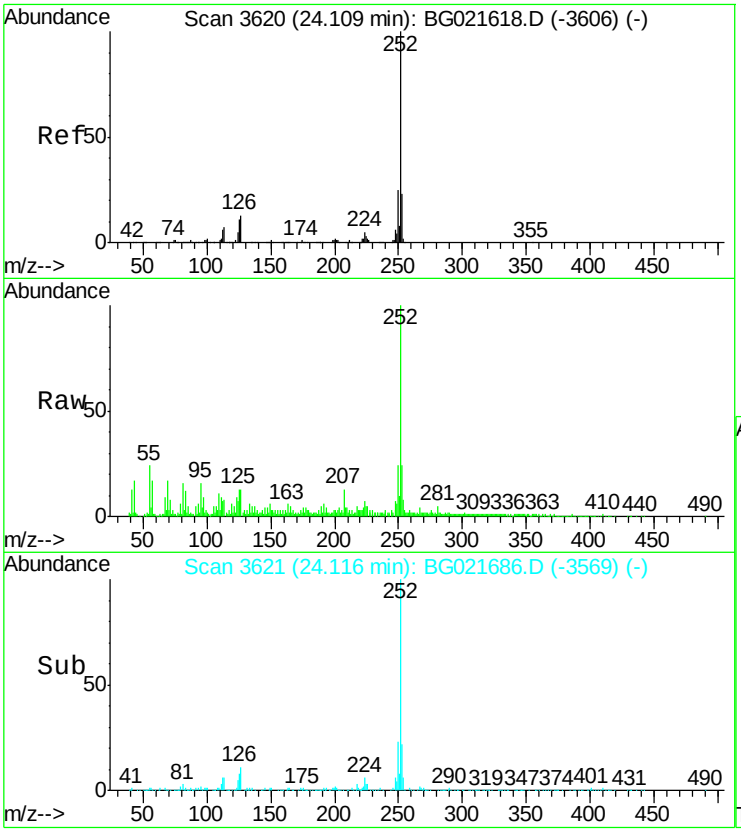


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3803
Delta R.T. 0.02 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:264 Resp: 210058

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	26.2	17.8	26.8



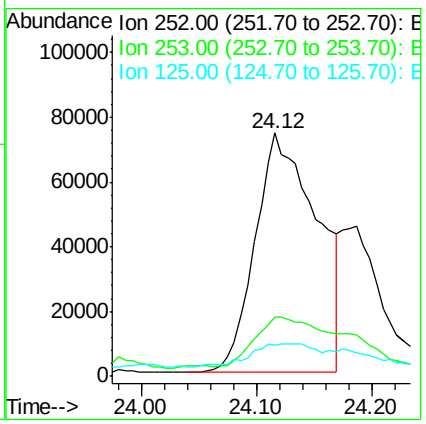


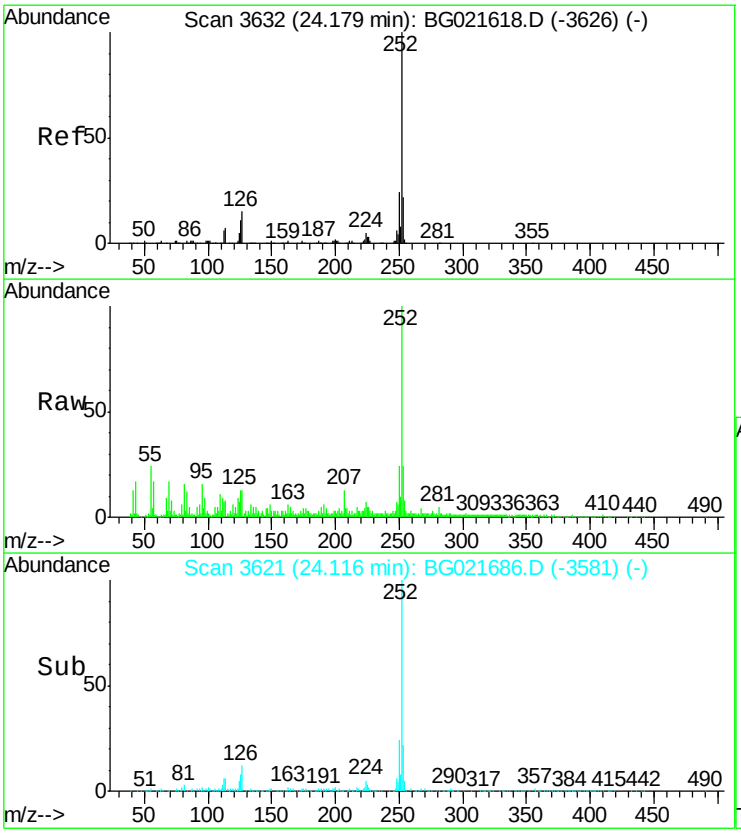
#87
Benzo(b)fluoranthene
Concen: 22.55 ng
RT: 24.12 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:252 Resp: 274909

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	12.8	8.6	13.0

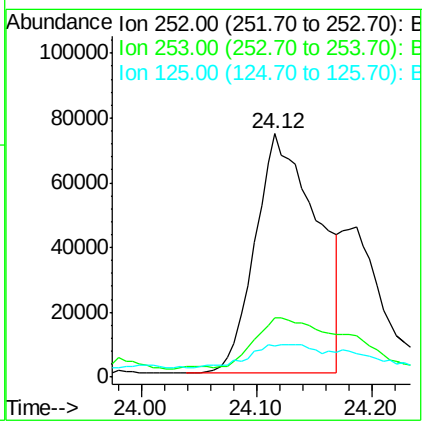


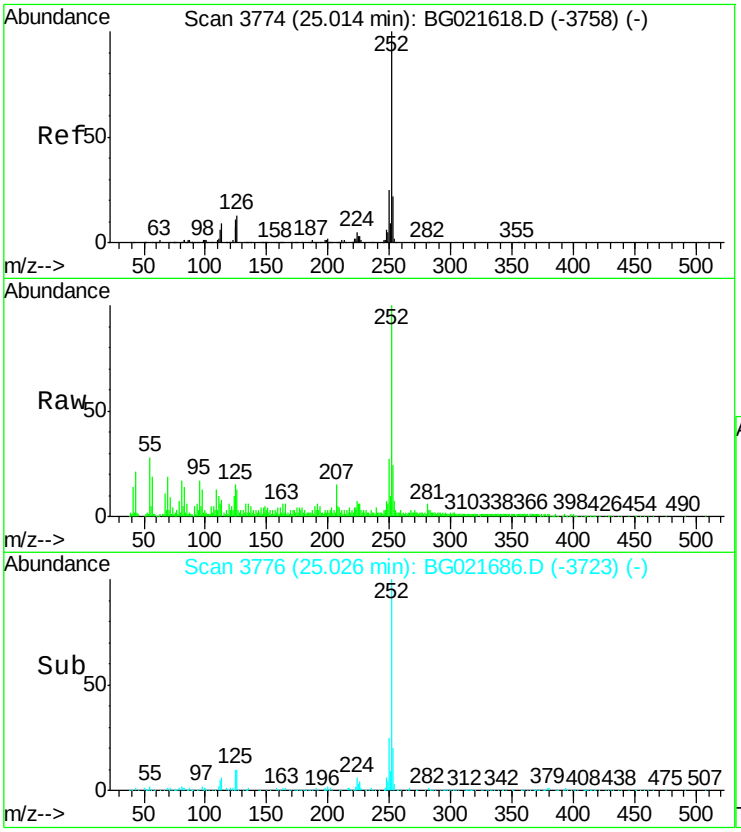


#88
Benzo(k)fluoranthene
Concen: 23.07 ng
RT: 24.12 min Scan# 3621
Delta R.T. -0.06 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:252 Resp: 274909

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	12.8	8.3	12.5#



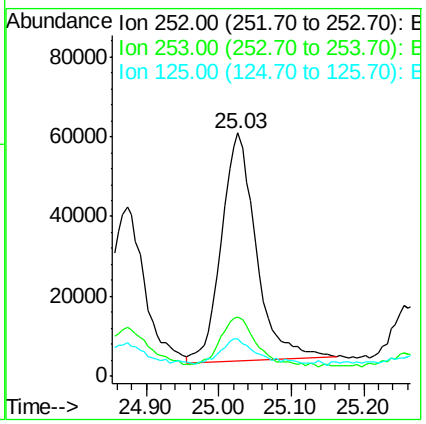


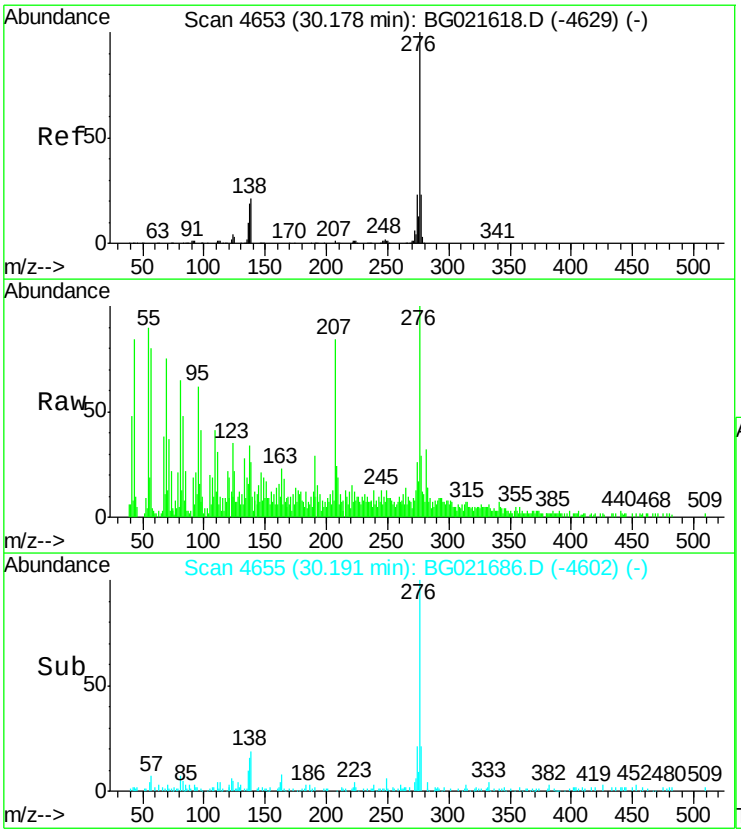
#89
Benzo(a)pyrene
Concen: 16.09 ng
RT: 25.03 min Scan# 3776
Delta R.T. 0.01 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)C

Tgt Ion:252 Resp: 190040

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	15.2	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 2.52 ng
RT: 30.19 min Scan# 4655
Delta R.T. 0.01 min
Lab File: BG021686.D
Acq: 15 Apr 2016 13:59

Tgt Ion:276 Resp: 29282

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.4	29.2
138	25.6	17.4	26.0