Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-5W(0-2)

Quant Time: Apr 15 14:41:38 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	48050	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	206545	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	113072	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	232259	20.00	ng		0.00
75) Chrysene-d12	21.83	240	255465	20.00	ng		0.00
86) Perylene-d12	25.16	264	257744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	423489	146.77	ng		0.01
7) Phenol-d6	7.37	99	595594	138.19	ng		0.00
23) Nitrobenzene-d5	9.38	82	372227	92.63	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	174491	143.19	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	612257	79.34	ng		0.00
78) Terphenyl-d14	20.14	244	684495	66.86	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.08	128	22772	2.06	ng	#	95
32) Benzoic acid	10.23	122	121	4.33	ng	#	40
49) Dimethylphthalate	14.27	163	133822	13.69	ng		99
55) 4-Nitrophenol	15.22	139	5053	2.85	ng	#	10
70) Phenanthrene	17.60	178	186859	14.60	ng		99
71) Anthracene	17.69	178	48080	3.70	ng		97
74) Fluoranthene	19.59	202	315197	20.62	ng		99
77) Pyrene	19.95	202	277205	18.82	ng		99
80) Benzo(a)anthracene	21.81	228	171038	11.63	ng		100
82) Chrysene	21.87	228	157057	11.12	ng		98
85) Indeno(1,2,3-cd)pyrene	28.98	276	83307	4.96	ng	#	86
87) Benzo(b)fluoranthene	24.10	252	210196	14.05	ng		95
88) Benzo(k)fluoranthene	24.10	252	210196	14.37	ng		95
89) Benzo(a)pyrene	25.01	252	157667	10.88	ng		97
91) Benzo(g,h,i)perylene	30.16	276	79290	5.56	ng		96

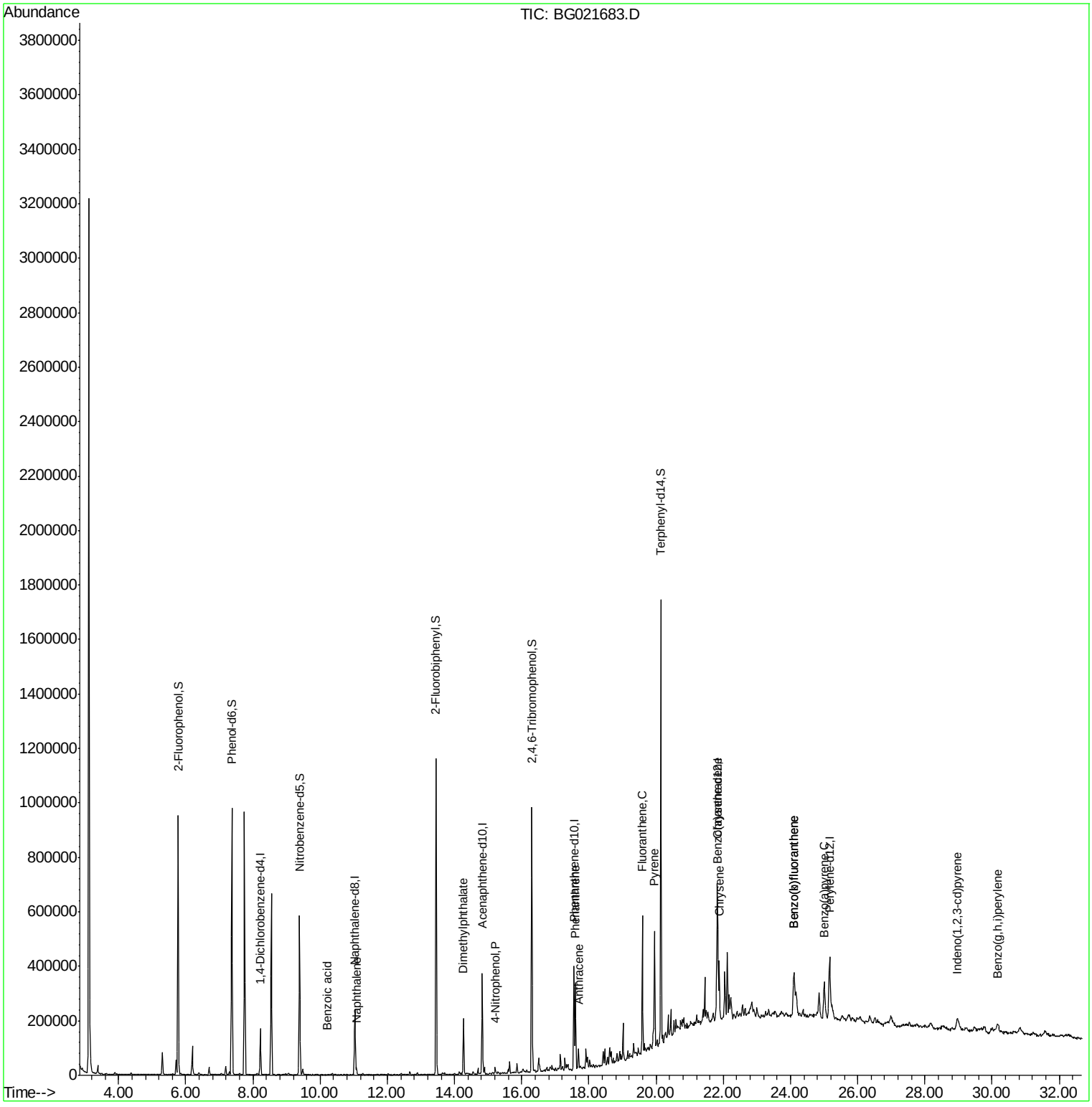
(#) = qualifier out of range (m) = manual integration (+) = signals summed

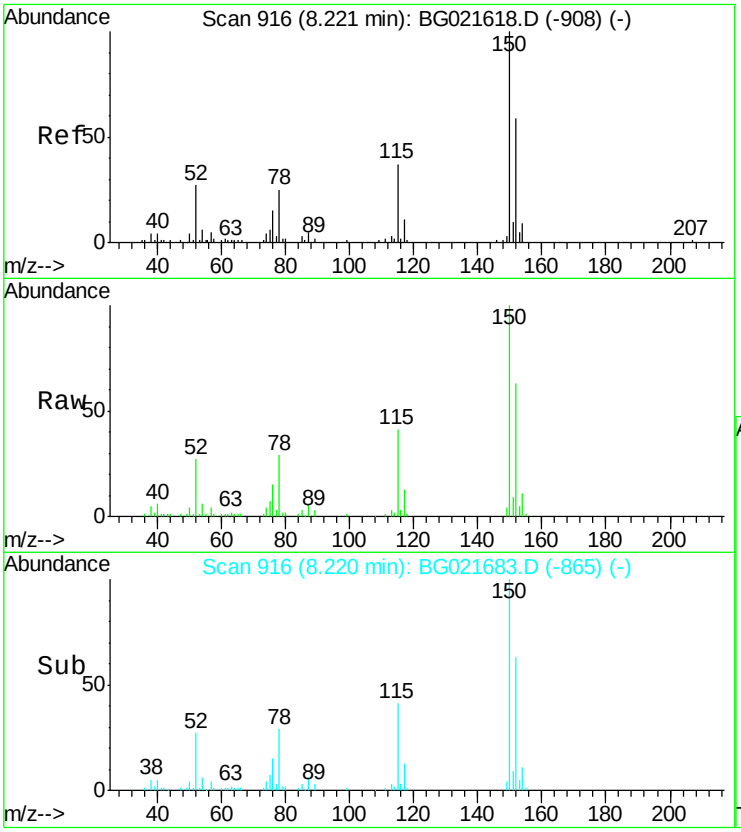
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Quant Time: Apr 15 14:41:38 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



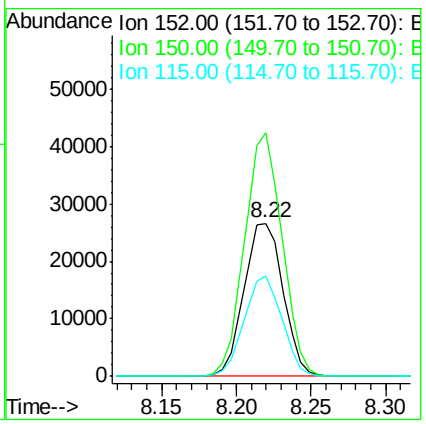


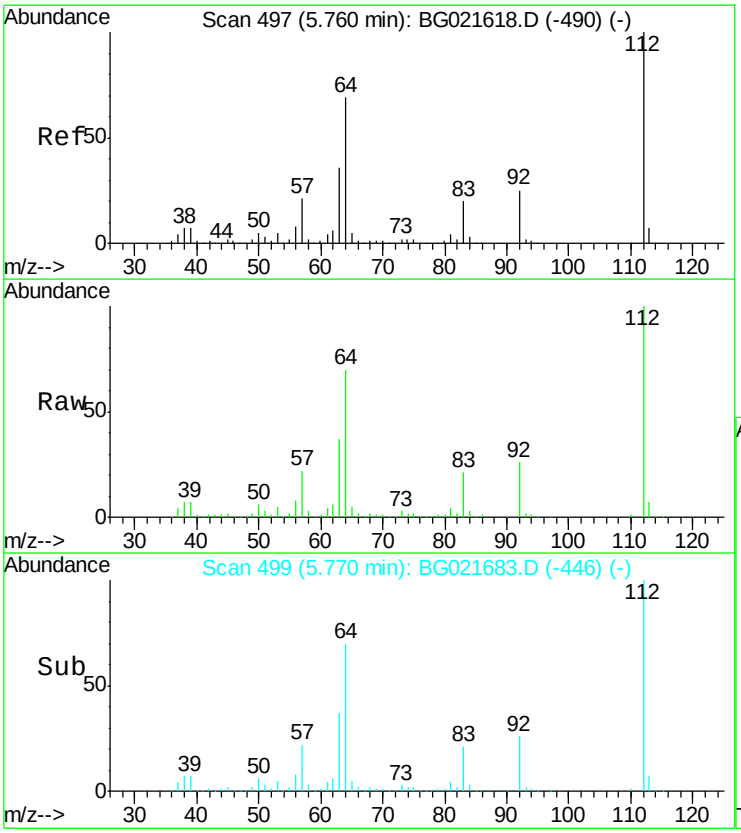
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:152 Resp: 48050

Ion	Ratio	Lower	Upper
152	100		
150	159.4	130.1	195.1
115	65.6	62.2	93.2

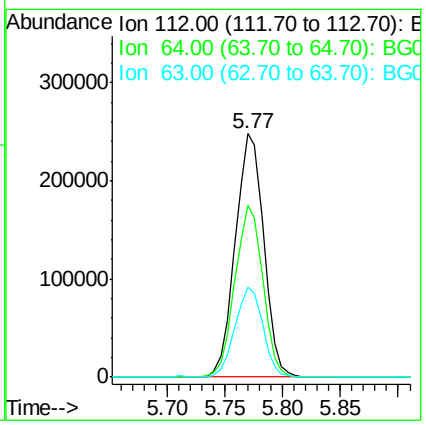


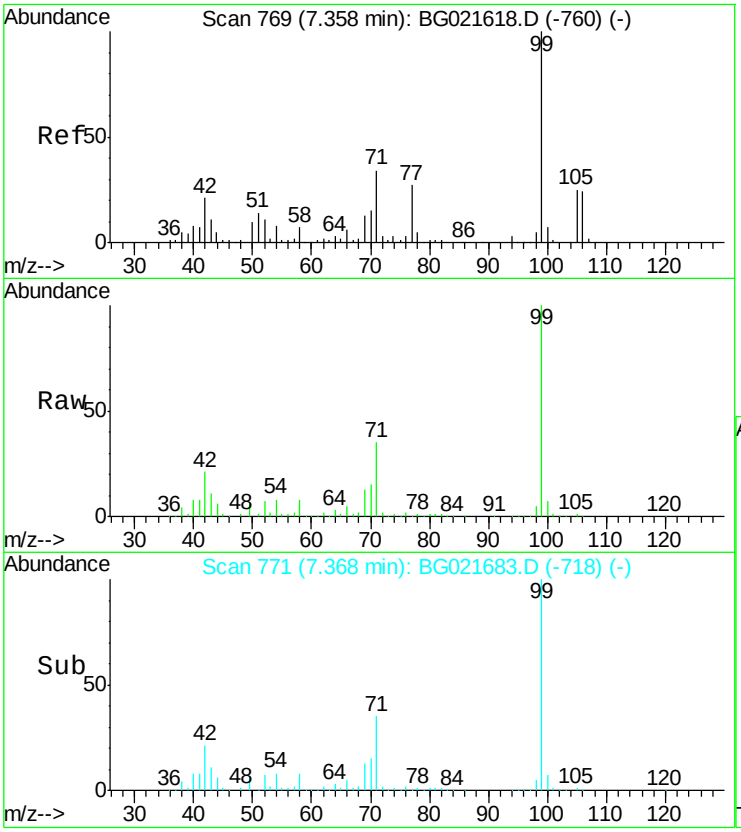


#5
2-Fluorophenol
Concen: 146.77 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:112 Resp: 423489

Ion	Ratio	Lower	Upper
112	100		
64	70.4	51.1	76.7
63	36.7	24.6	37.0



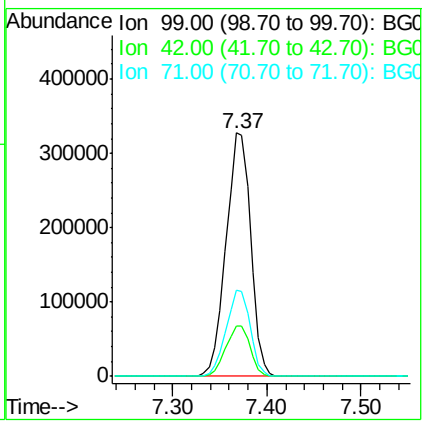


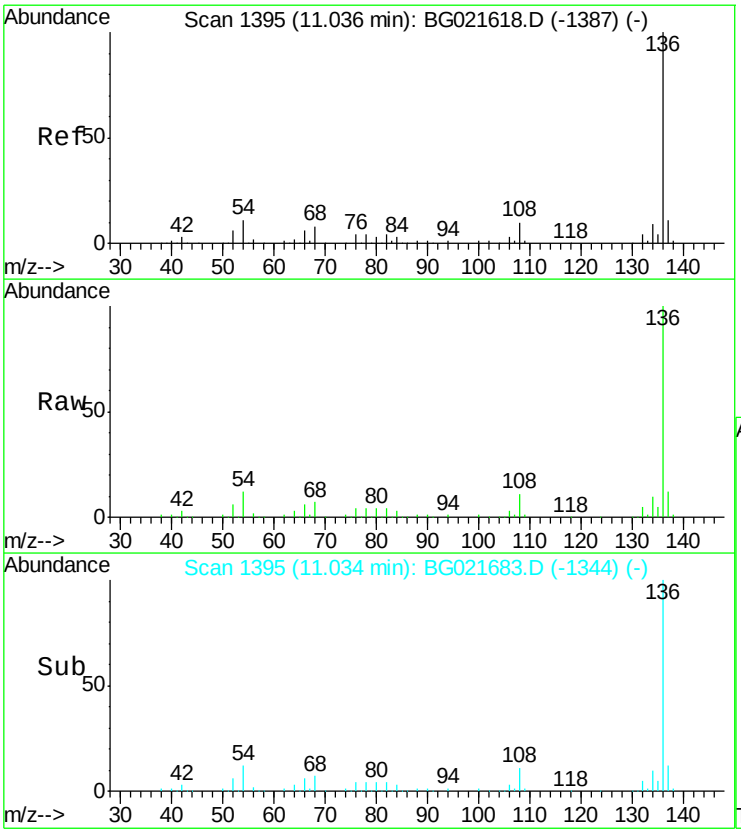
#7
Phenol-d6
Concen: 138.19 ng
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion: 99 Resp: 595594

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.4	24.6
71	35.3	25.0	37.4

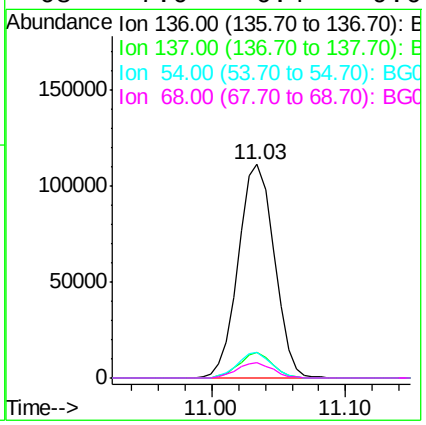


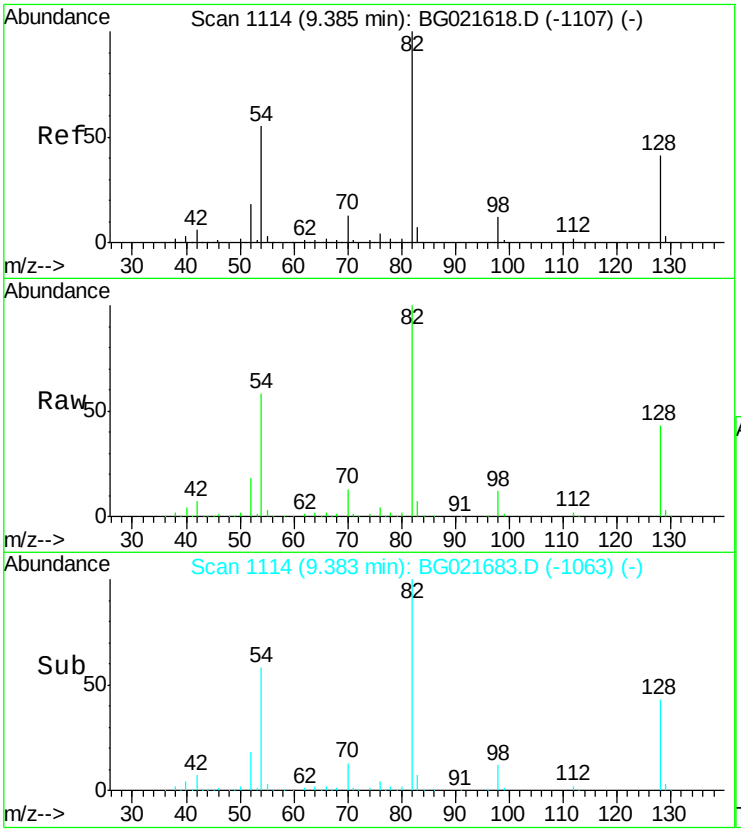


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:136 Resp: 206545

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	11.8	9.6	14.4
68	7.0	6.4	9.6



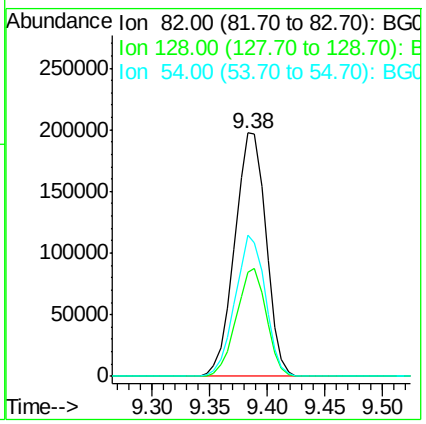


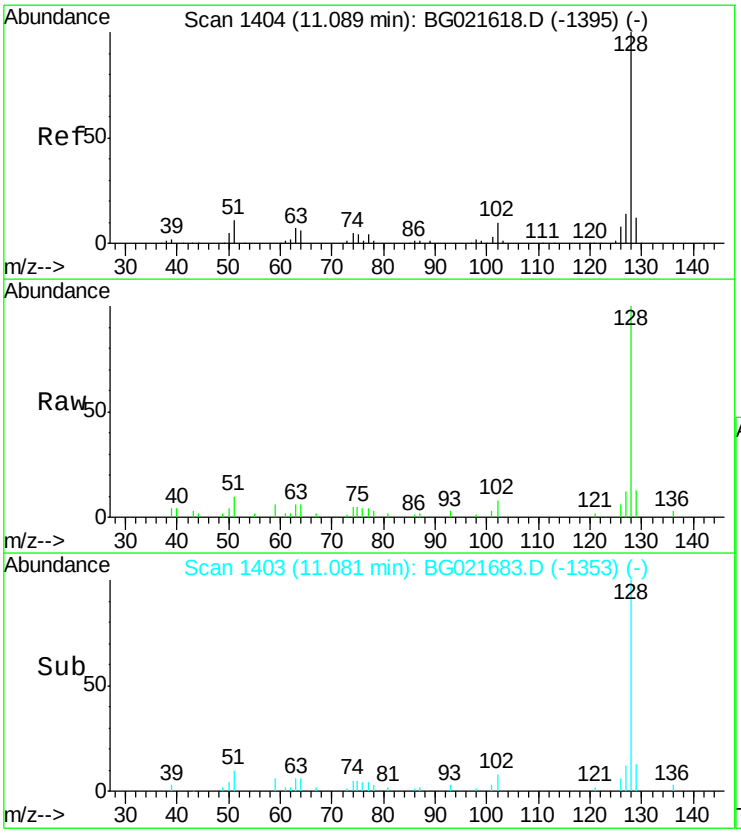
#23
Nitrobenzene-d5
Concen: 92.63 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion: 82 Resp: 372227

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.4	50.0
54	58.2	46.1	69.1

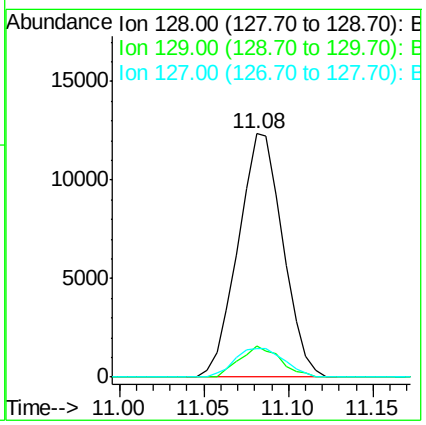


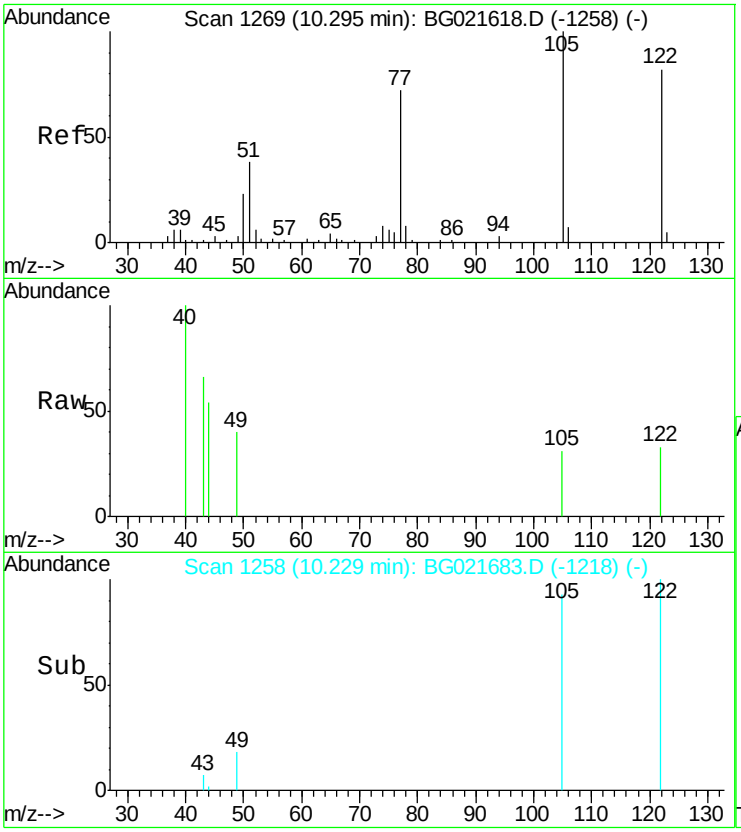


#31
Naphthalene
Concen: 2.06 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:128 Resp: 22772

Ion	Ratio	Lower	Upper
128	100		
129	12.5	7.0	10.6#
127	11.9	10.1	15.1



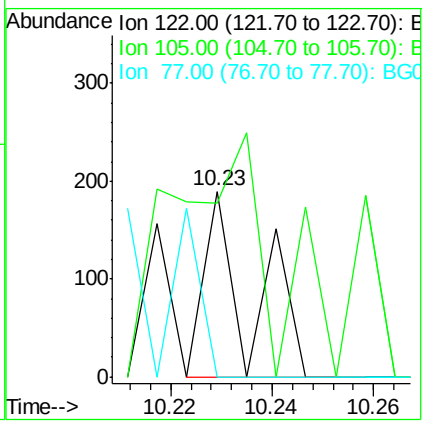


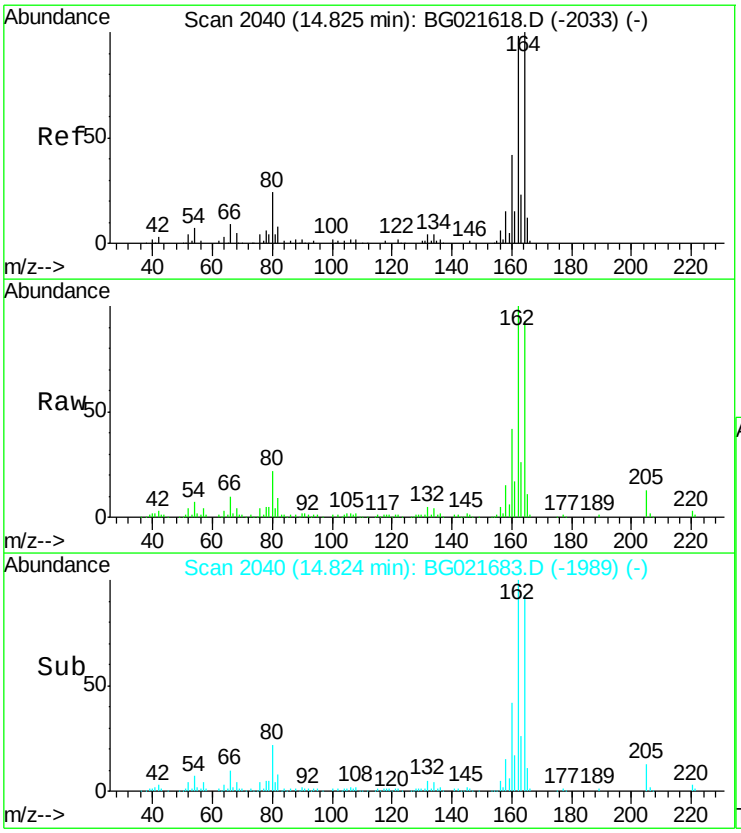
#32
Benzoic acid
Concen: 4.33 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.07 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:122 Resp: 121

Ion	Ratio	Lower	Upper
122	100		
105	93.2	104.5	144.5#
77	0.0	79.9	119.9#

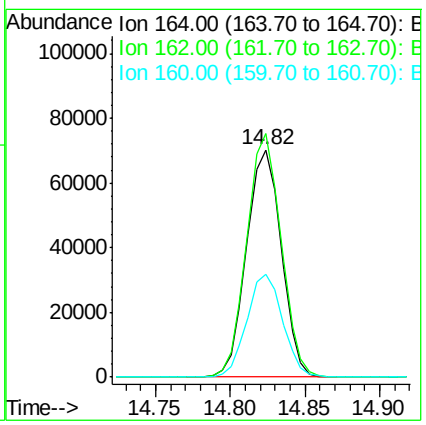


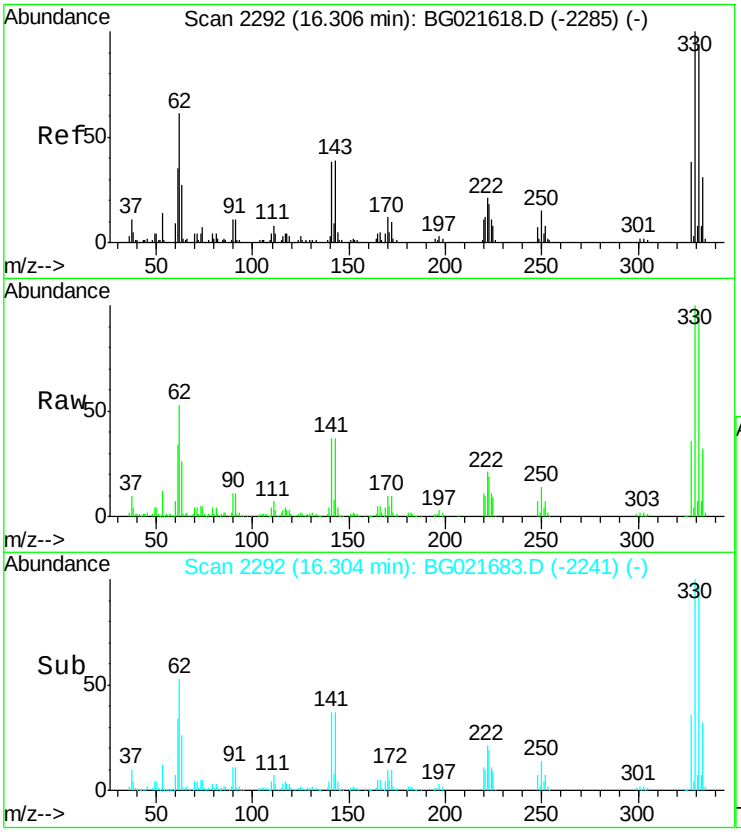


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:164 Resp: 113072

Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.0	117.0
160	45.2	32.9	49.3



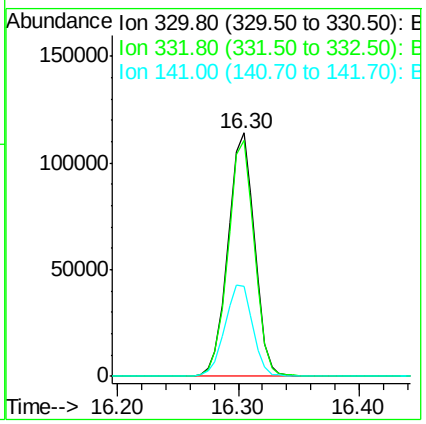


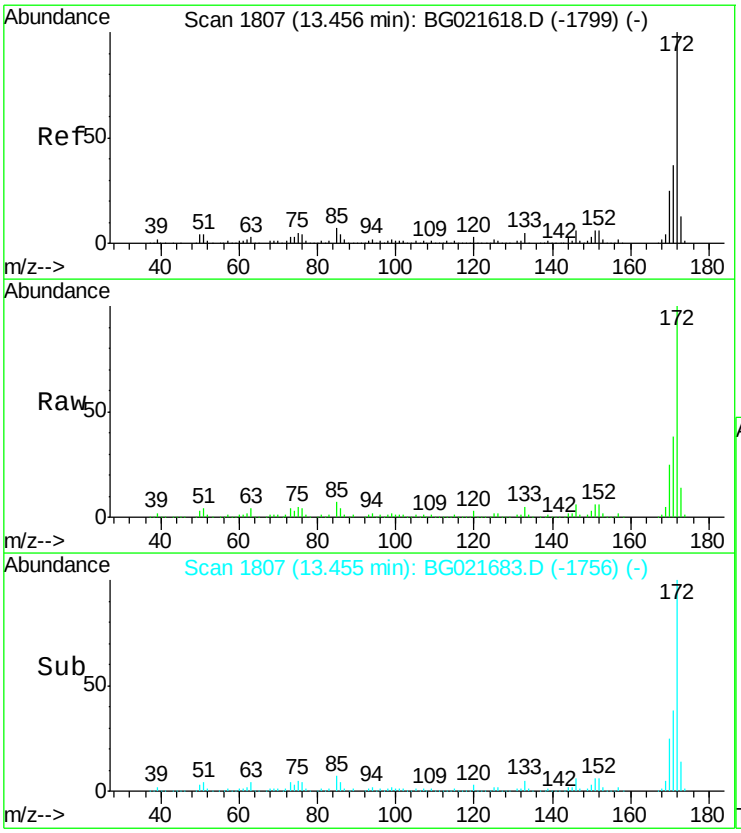
#41
2,4,6-Tribromophenol
Concen: 143.19 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:330 Resp: 174491

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	39.5	33.8	50.8

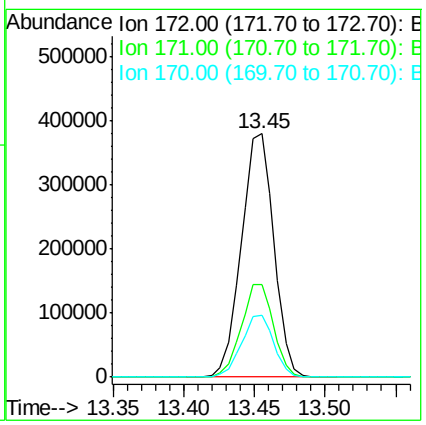


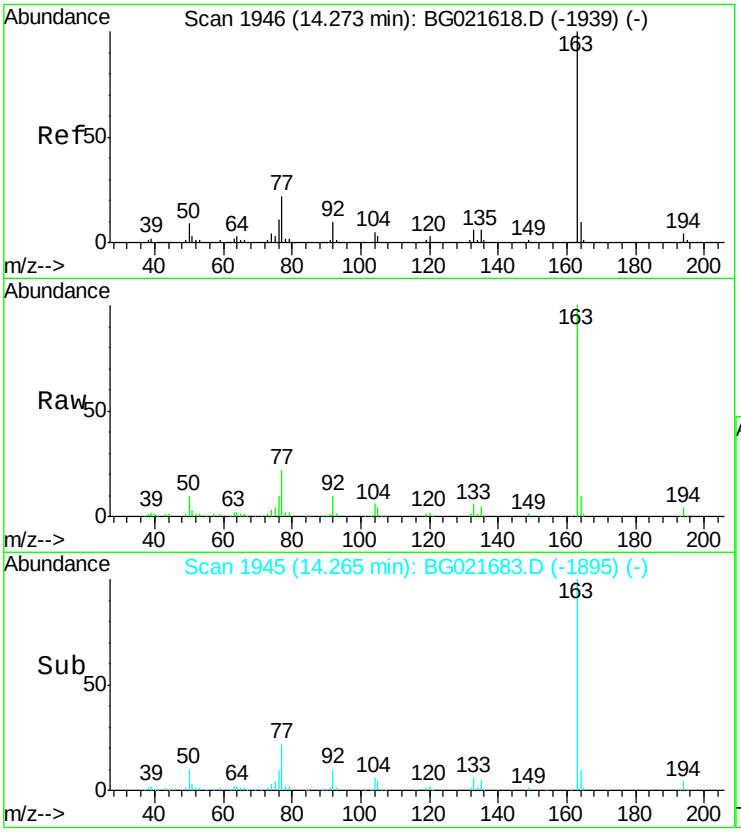


#44
2-Fluorobiphenyl
Concen: 79.34 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:172 Resp: 612257

Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.4	19.6	29.4



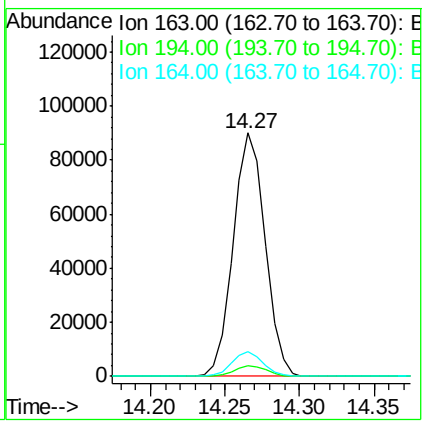


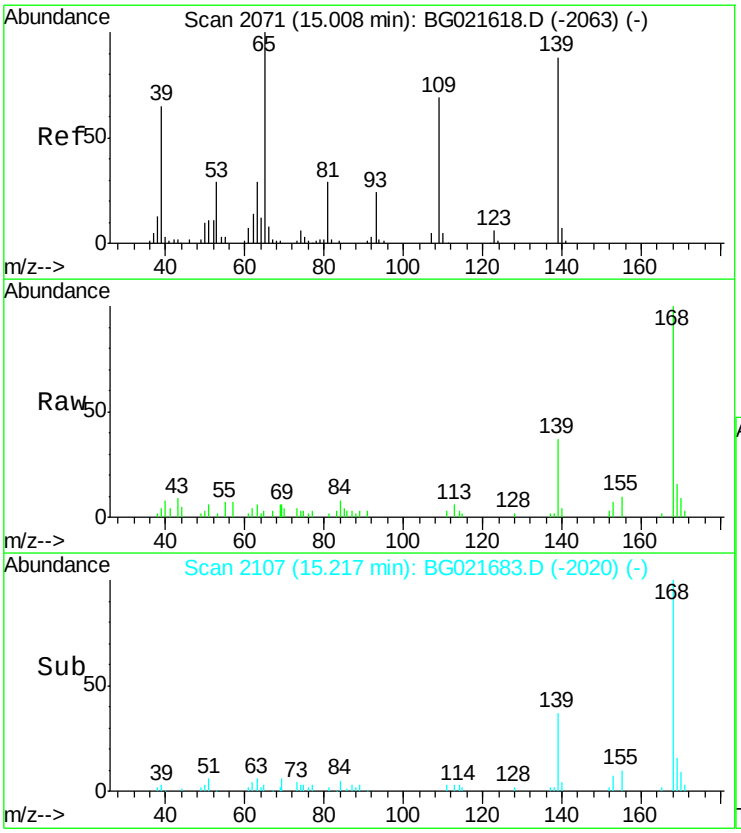
#49
Dimethylphthalate
Concen: 13.69 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:163 Resp: 133822

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.3	8.1	12.1

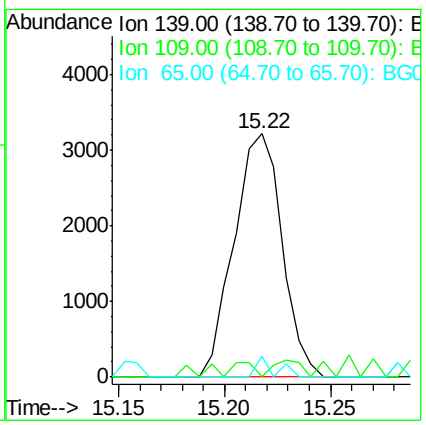


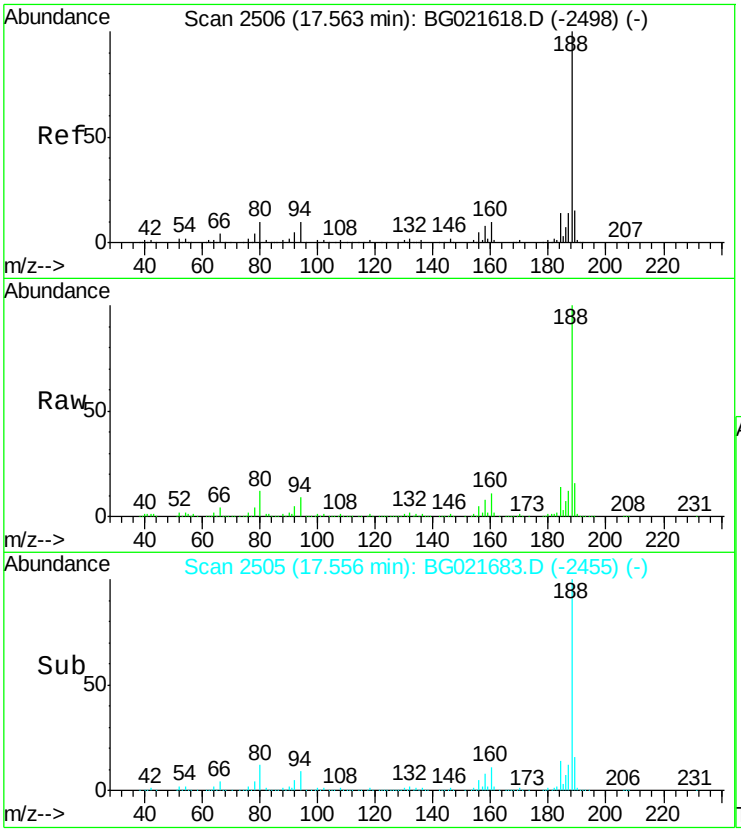


#55
4-Nitrophenol
Concen: 2.85 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.21 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:139 Resp: 5053

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.2	89.2#
65	8.7	83.2	123.2#



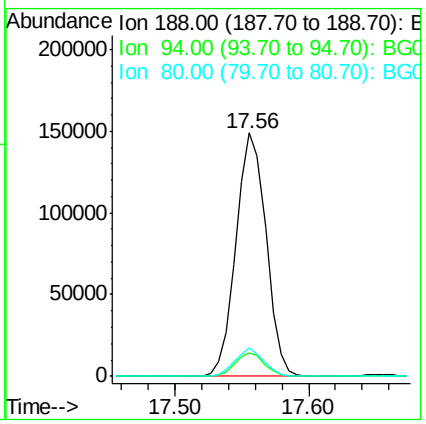


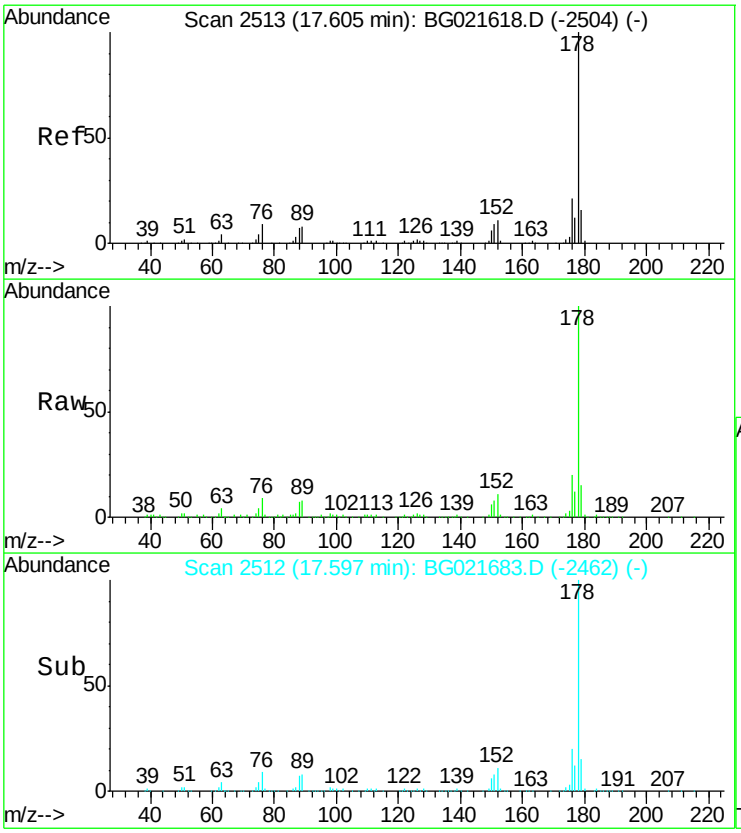
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:188 Resp: 232259

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	11.7	8.6	13.0

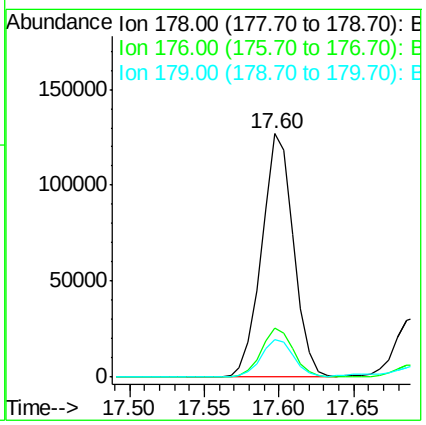


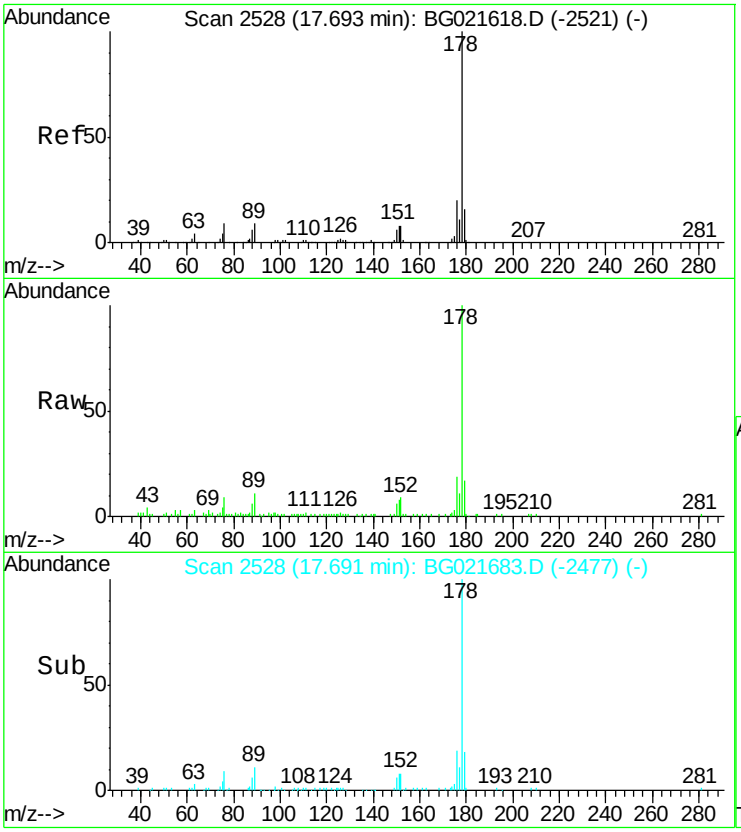


#70
Phenanthrene
Concen: 14.60 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:178 Resp: 186859

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.3	12.0	18.0



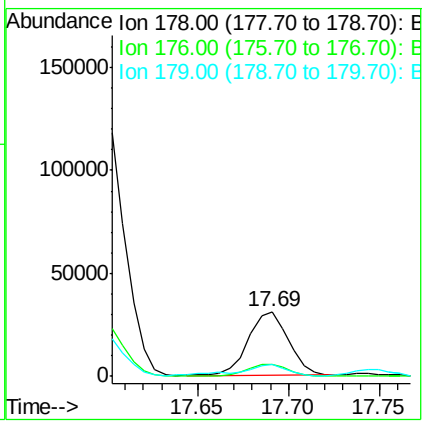


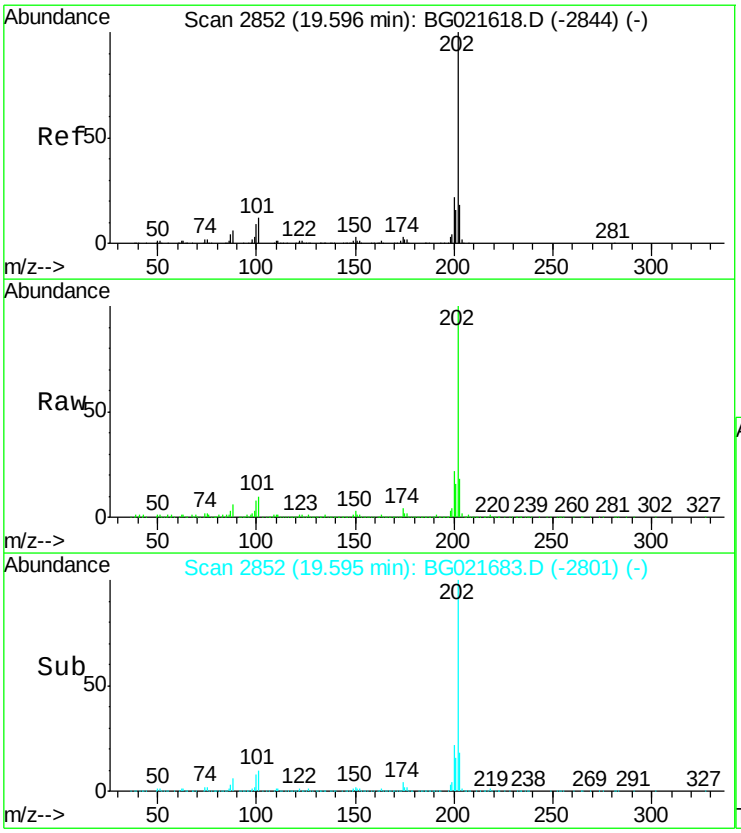
#71
Anthracene
Concen: 3.70 ng
RT: 17.69 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:178 Resp: 48080

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	17.4	12.2	18.4

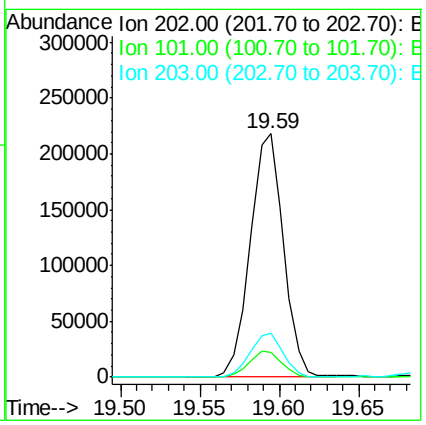


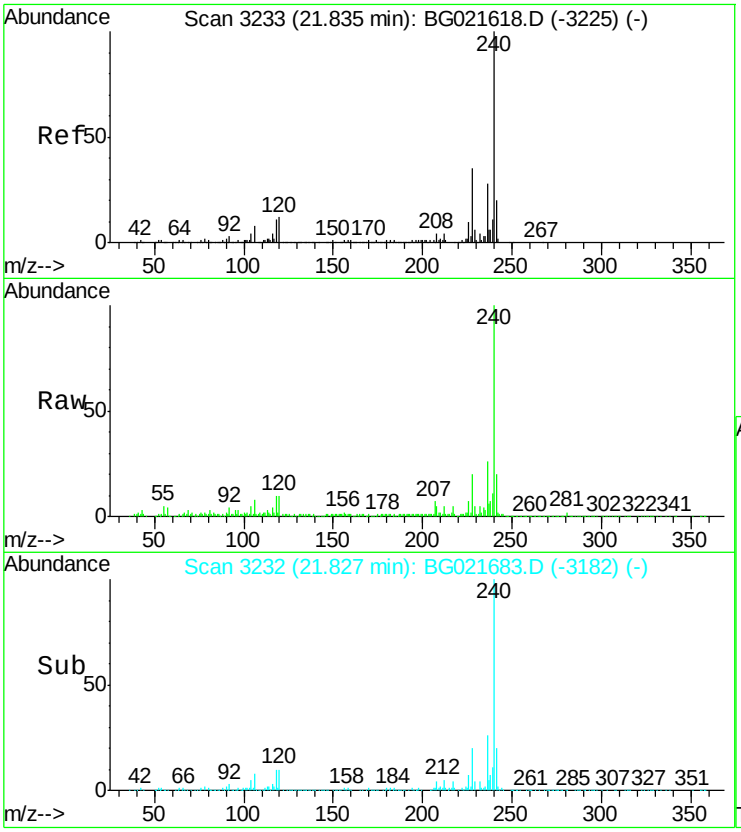


#74
Fluoranthene
Concen: 20.62 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:202 Resp: 315197

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.0
203	18.1	0.0	37.9



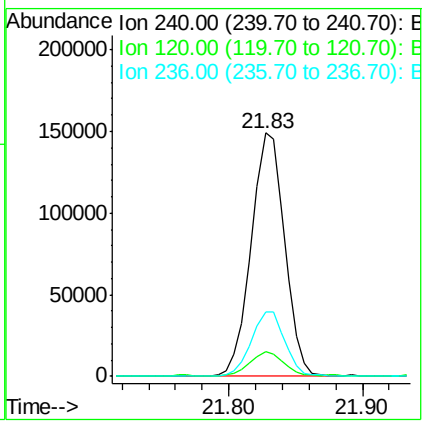


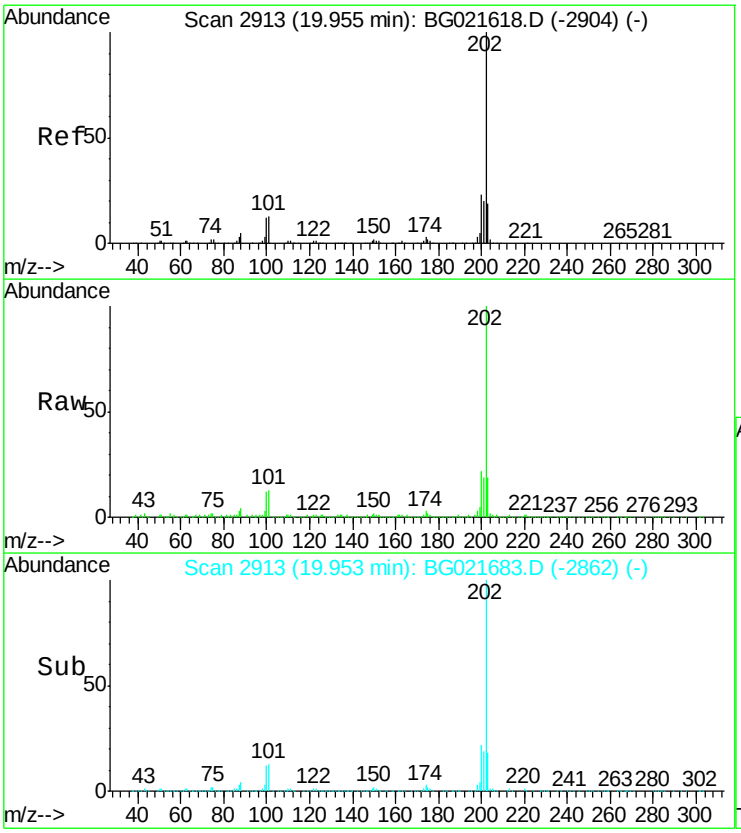
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:240 Resp: 255465

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.5	19.6	29.4

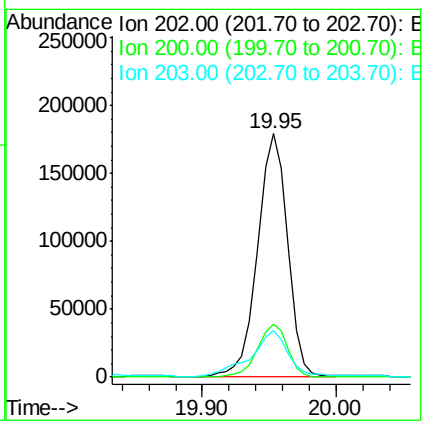


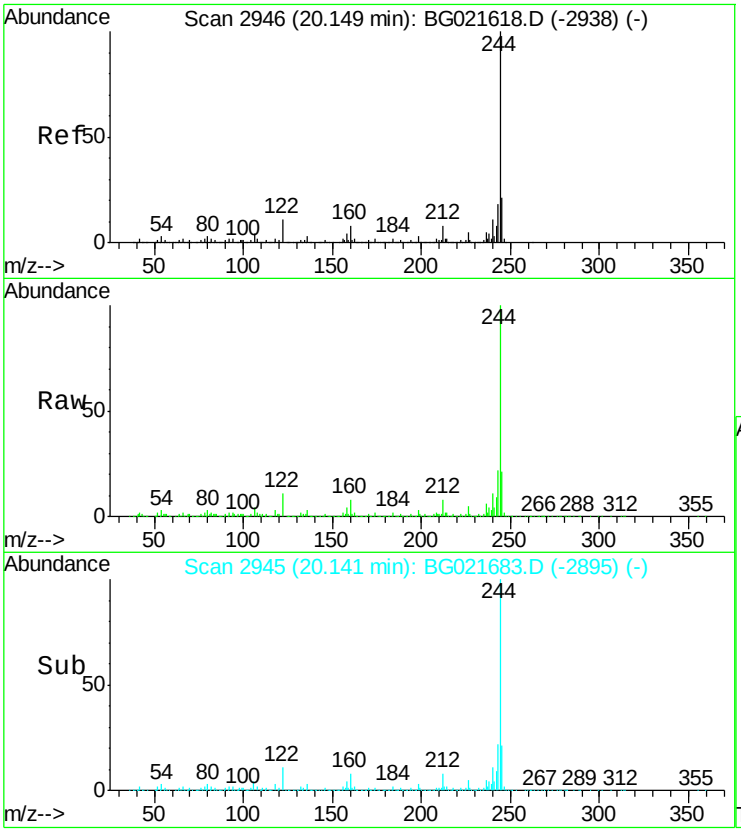


#77
Pyrene
Concen: 18.82 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:202 Resp: 277205

Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.2	27.2
203	18.9	15.0	22.4



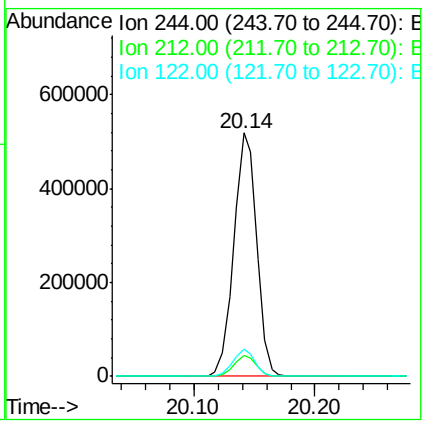


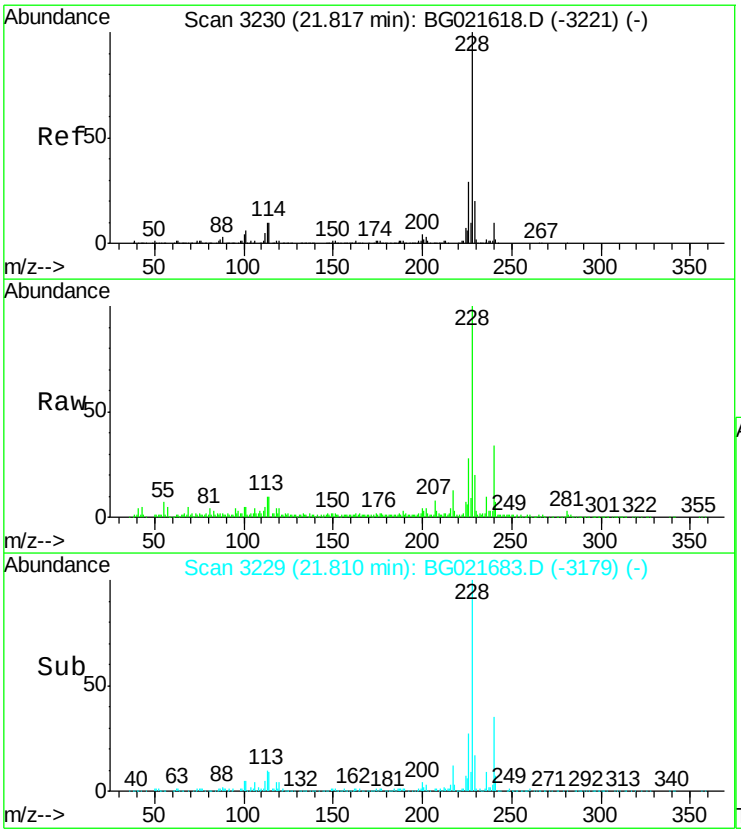
#78
Terphenyl-d14
Concen: 66.86 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:244 Resp: 684495

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.1	8.6	12.8

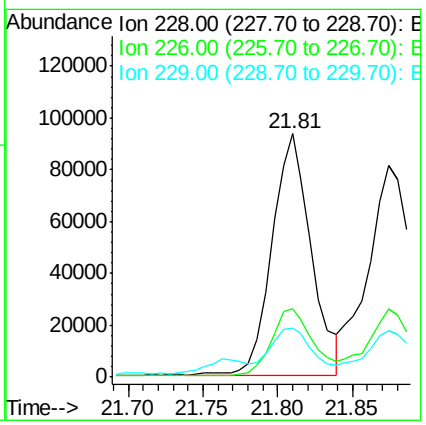


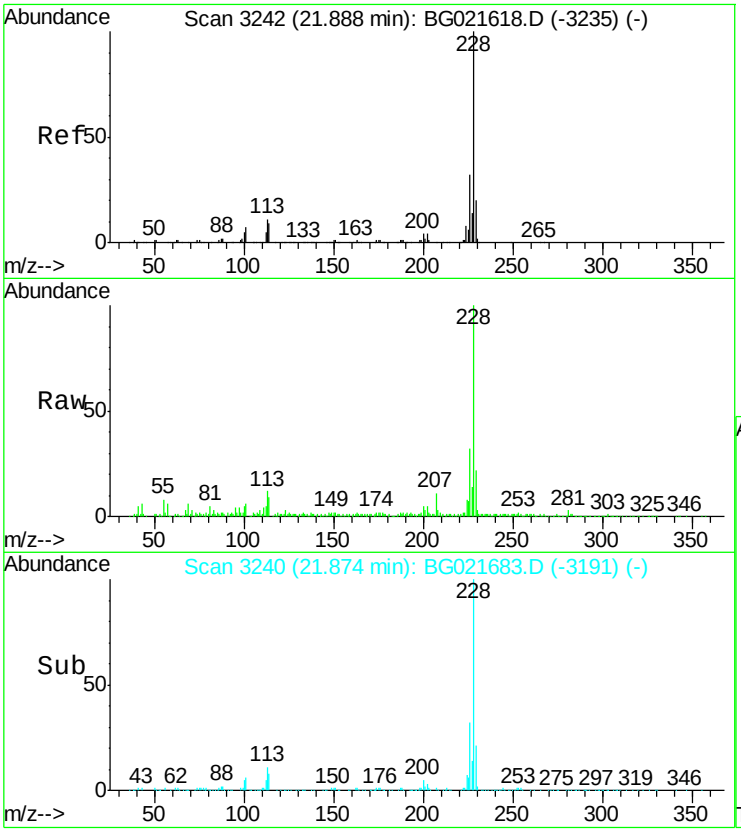


#80
Benzo(a)anthracene
Concen: 11.63 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:228 Resp: 171038

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	20.3	16.1	24.1



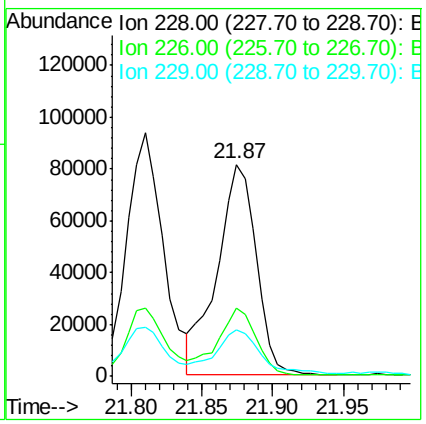


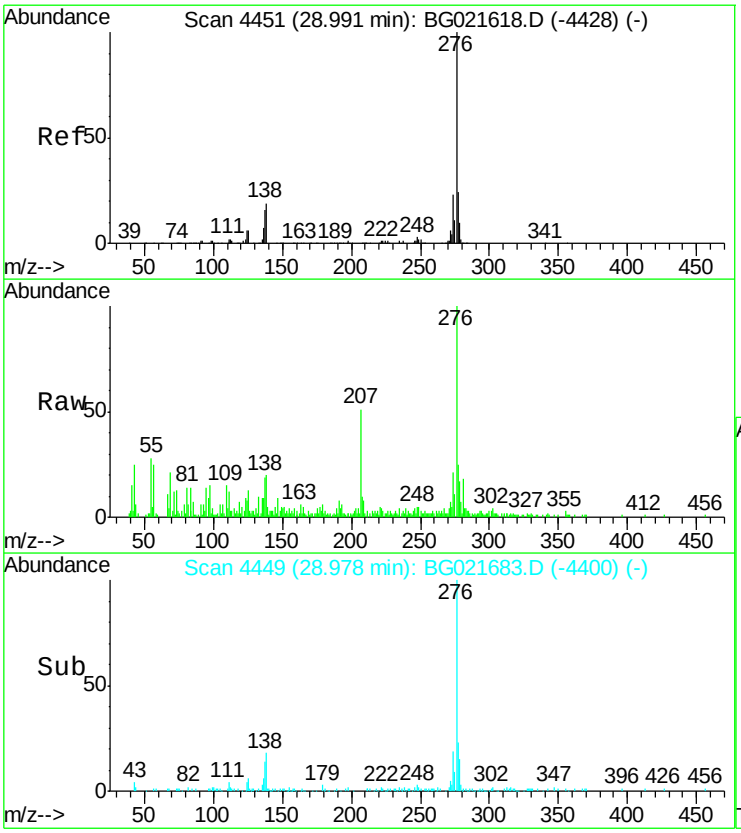
#82
Chrysene
Concen: 11.12 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:228 Resp: 157057

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	21.9	15.9	23.9

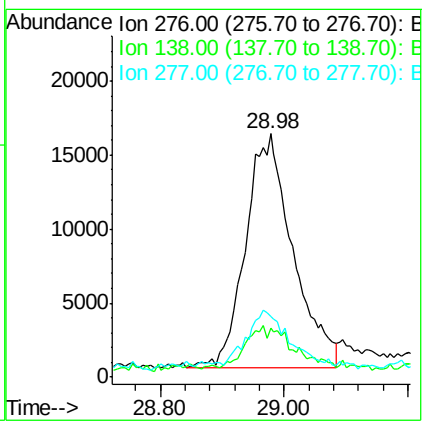


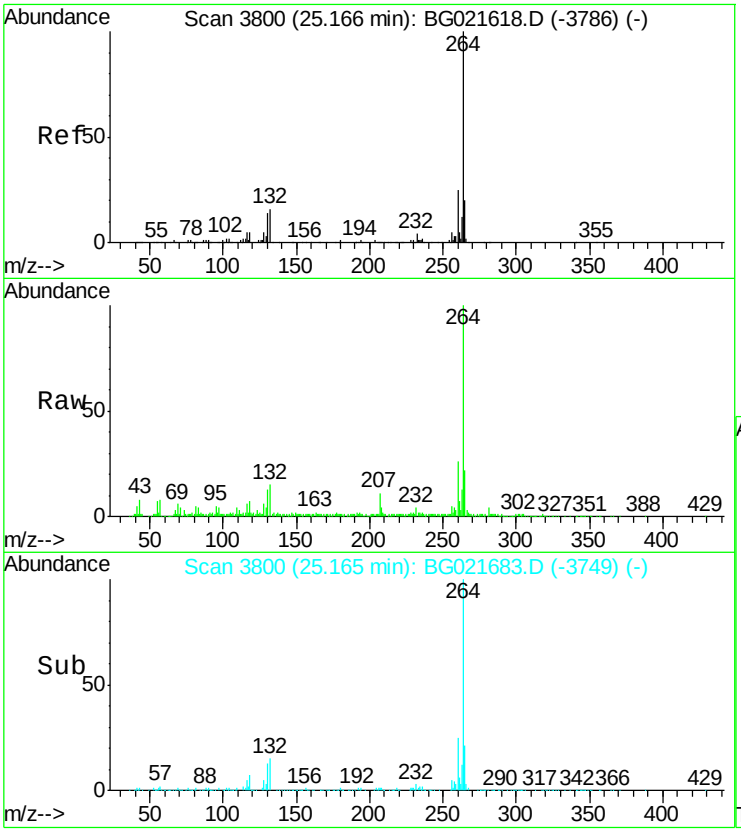


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.96 ng
RT: 28.98 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:276 Resp: 83307

Ion	Ratio	Lower	Upper
276	100		
138	8.2	14.0	21.0#
277	21.1	20.6	30.8



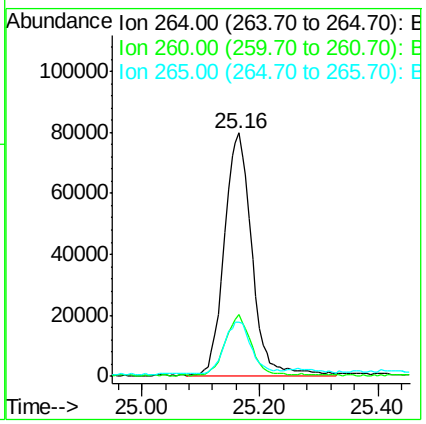


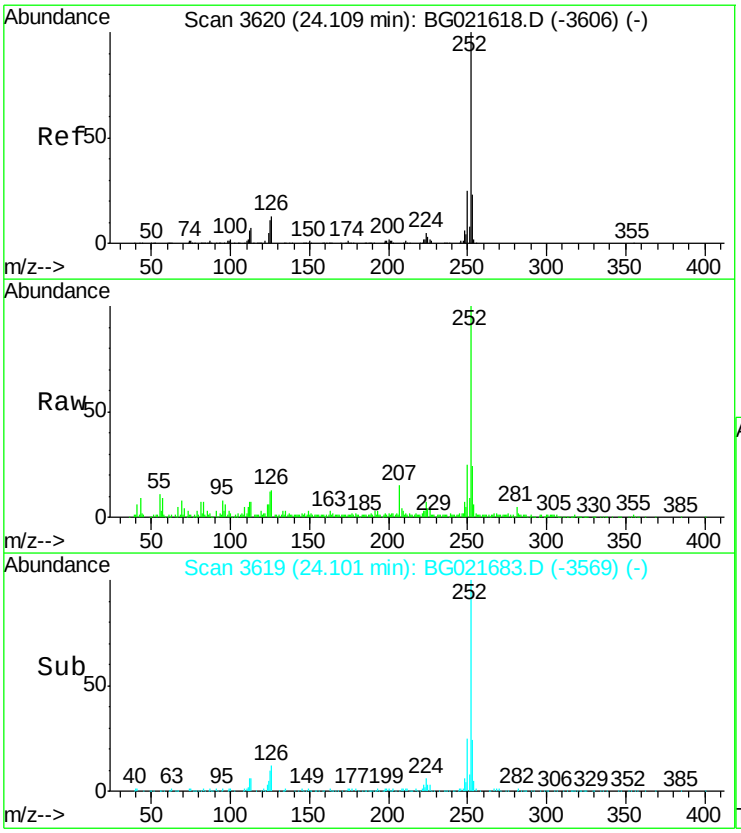
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:264 Resp: 257744

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.4
265	22.1	17.8	26.8

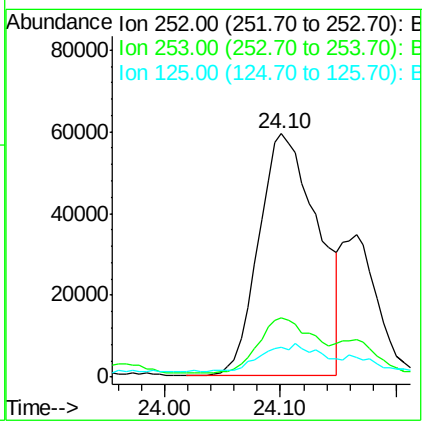


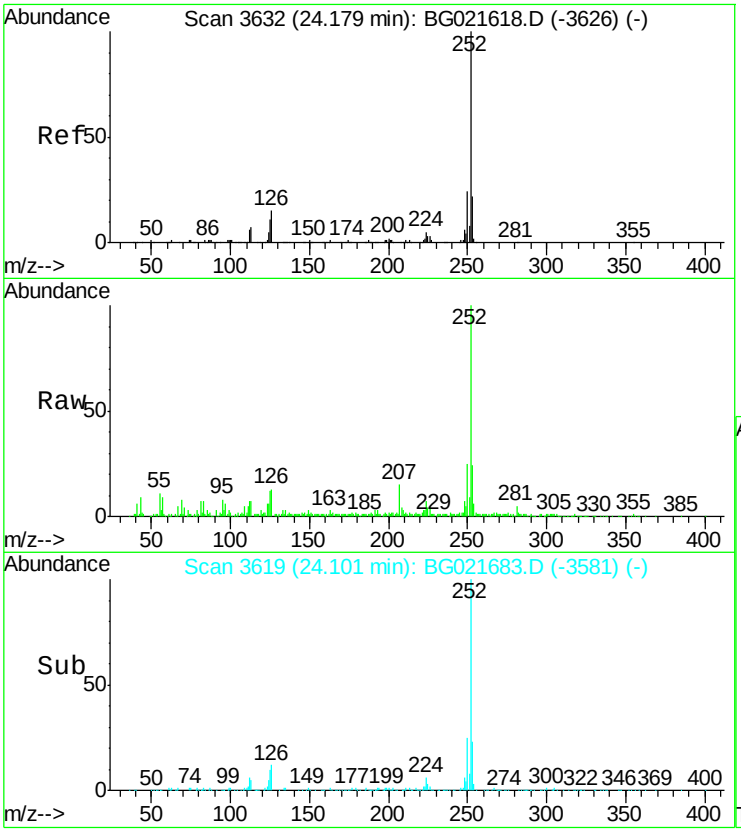


#87
Benzo(b)fluoranthene
Concen: 14.05 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:252 Resp: 210196

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	12.5	8.6	13.0



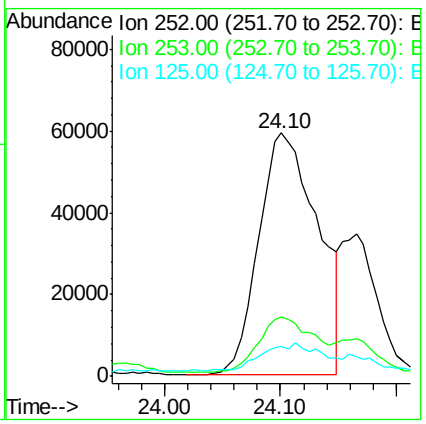


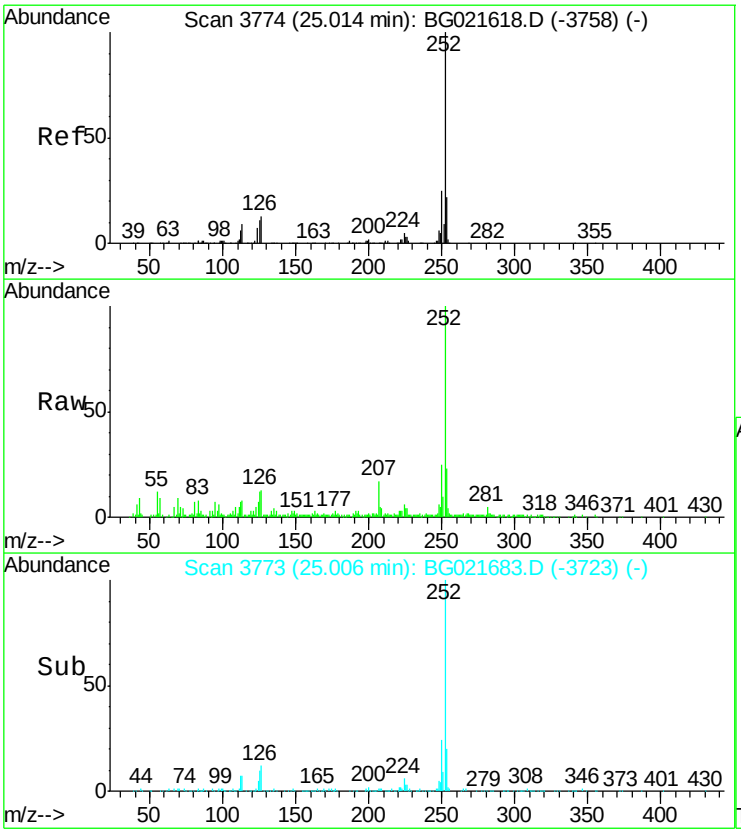
#88
Benzo(k)fluoranthene
Concen: 14.37 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.08 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:252 Resp: 210196

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	12.5	8.3	12.5

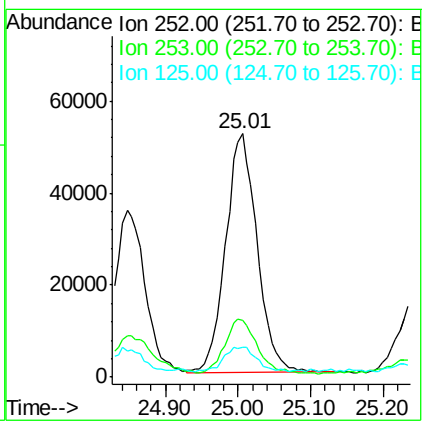


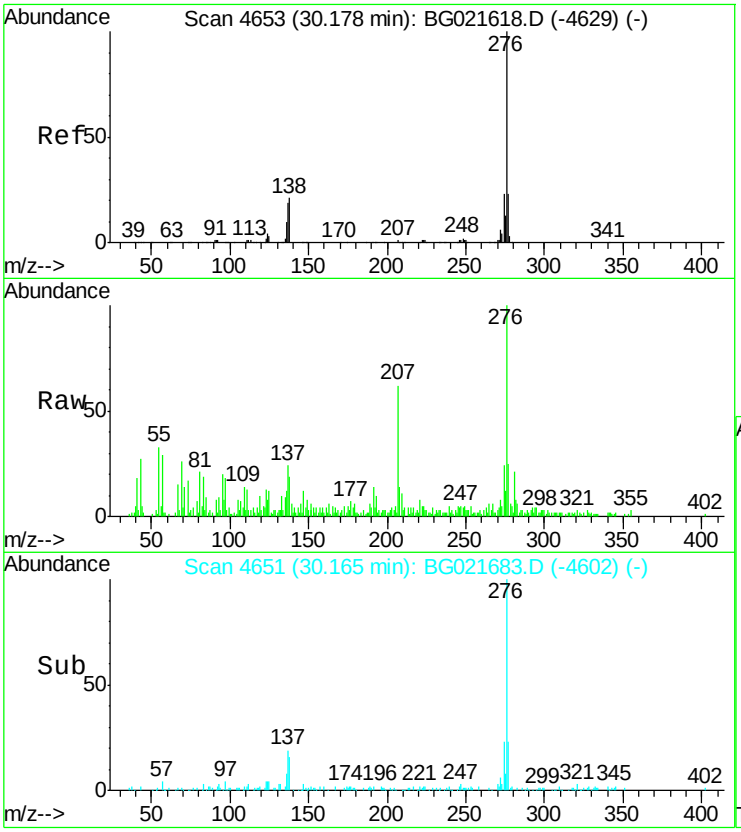


#89
Benzo(a)pyrene
Concen: 10.88 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Tgt Ion:252 Resp: 157667

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.2	9.6	14.4





#91
Benzo(g,h,i)perylene
Concen: 5.56 ng
RT: 30.16 min Scan# 4651
Delta R.T. -0.01 min
Lab File: BG021683.D
Acq: 15 Apr 2016 12:01

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Tgt Ion:276 Resp: 79290

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.2
138	18.7	17.4	26.0