Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022261.D
Acq On : 9 Jun 2016 9:55
Operator : UM/SJ
Sample : H3402-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-42

Quant Time: Jun 09 17:17:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41459	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	213272	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	126260	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	248558	20.00	ng		0.00
75) Chrysene-d12	21.76	240	212662	20.00	ng		0.00
86) Perylene-d12	25.06	264	205729	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	112379	52.41	ng		0.00
7) Phenol-d6	7.27	99	176470	52.34	ng		0.00
23) Nitrobenzene-d5	9.28	82	92530	30.25	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	56761	39.79	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	265959	32.10	ng		0.00
78) Terphenyl-d14	20.08	244	295319	32.97	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	17.53	178	208363	15.43	ng		97
71) Anthracene	17.62	178	53182	3.97	ng		97
74) Fluoranthene	19.54	202	311587	20.08	ng		98
77) Pyrene	19.89	202	280727	21.23	ng		99
80) Benzo(a)anthracene	21.75	228	145511	12.20	ng		98
82) Chrysene	21.81	228	123352	10.63	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	21817	2.42	ng		94
85) Indeno(1,2,3-cd)pyrene	28.81	276	78080m	6.00	ng		
87) Benzo(b)fluoranthene	24.01	252	159431	13.29	ng	#	95
88) Benzo(k)fluoranthene	24.06	252	60467m	5.12	ng		
89) Benzo(a)pyrene	24.91	252	118416	10.32	ng		98
91) Benzo(g,h,i)perylene	30.01	276	69916m	6.22	ng		

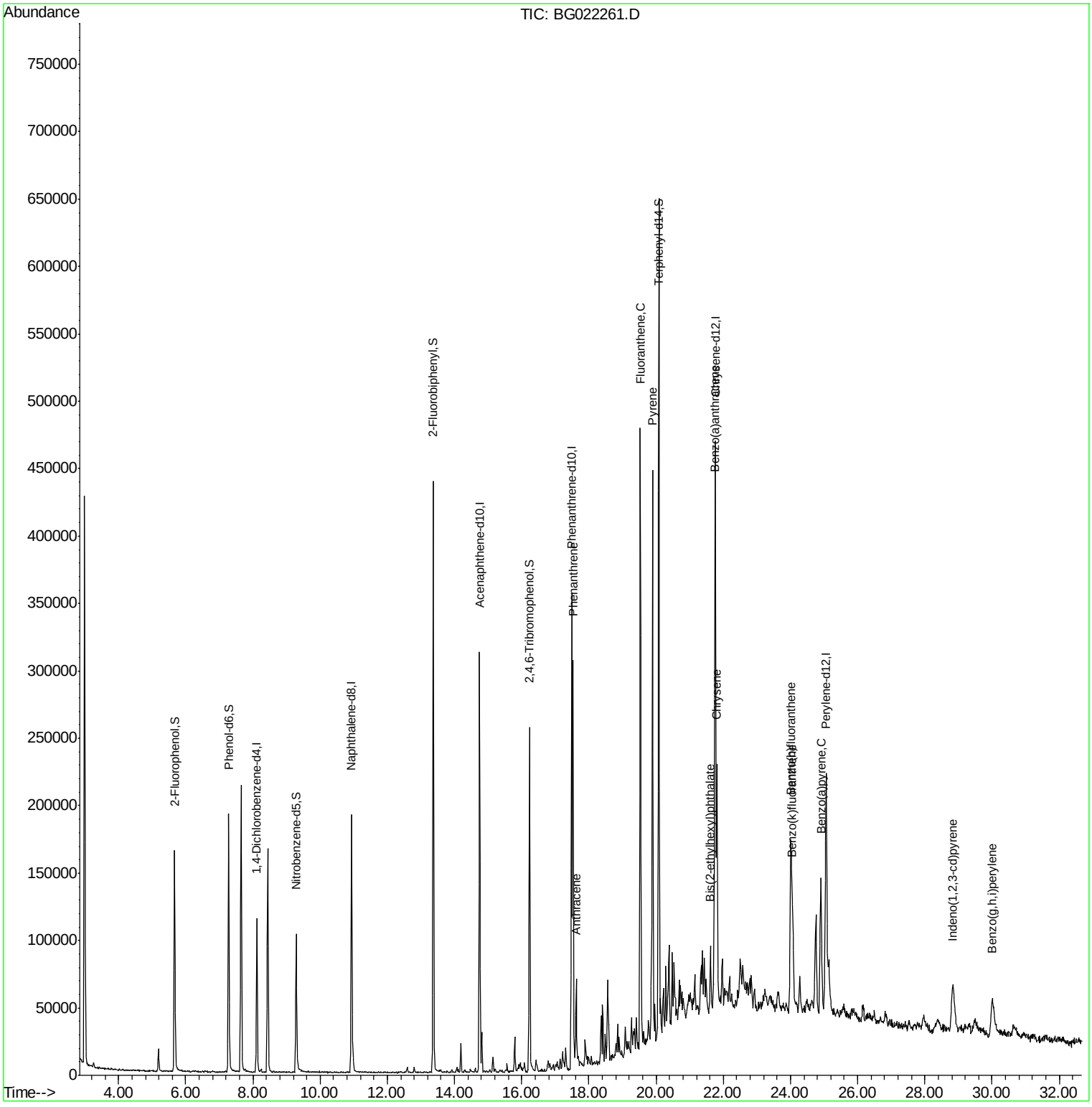
(#) = qualifier out of range (m) = manual integration (+) = signals summed

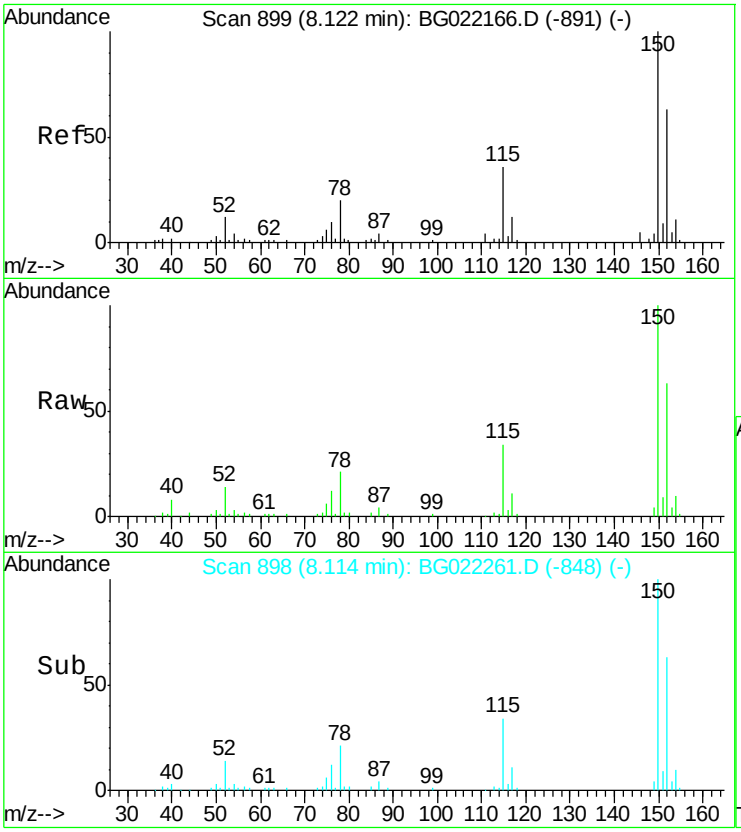
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022261.D
Acq On : 9 Jun 2016 9:55
Operator : UM/SJ
Sample : H3402-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-42

Quant Time: Jun 09 17:17:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration



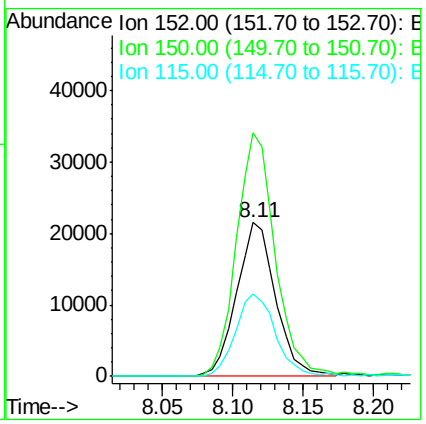


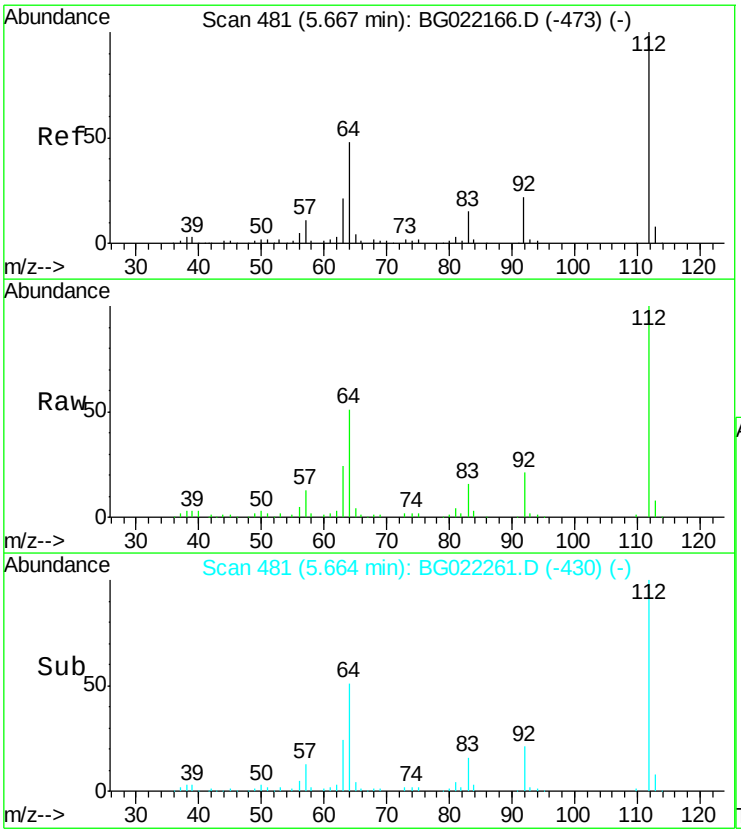
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:152 Resp: 41459

Ion	Ratio	Lower	Upper
152	100		
150	158.1	130.1	195.1
115	53.3	62.2	93.2#

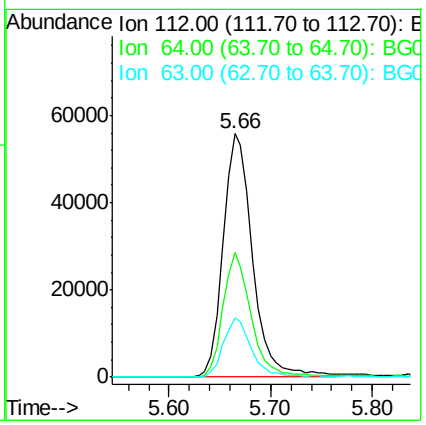


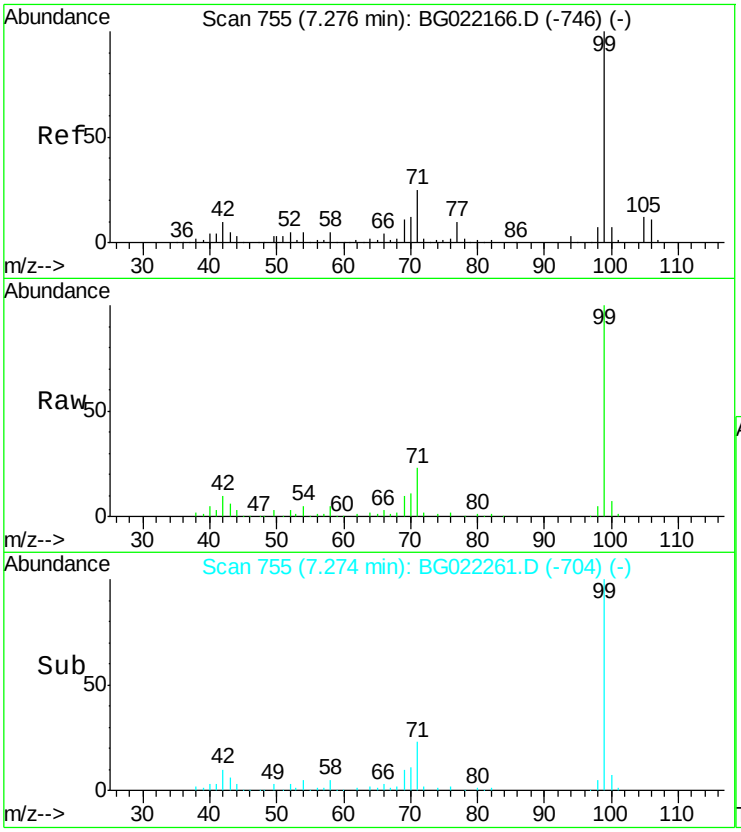


#5
2-Fluorophenol
Concen: 52.41 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:112 Resp: 112379

Ion	Ratio	Lower	Upper
112	100		
64	51.1	51.1	76.7#
63	24.4	24.6	37.0#



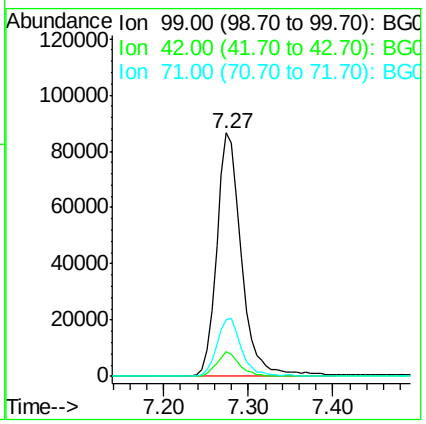


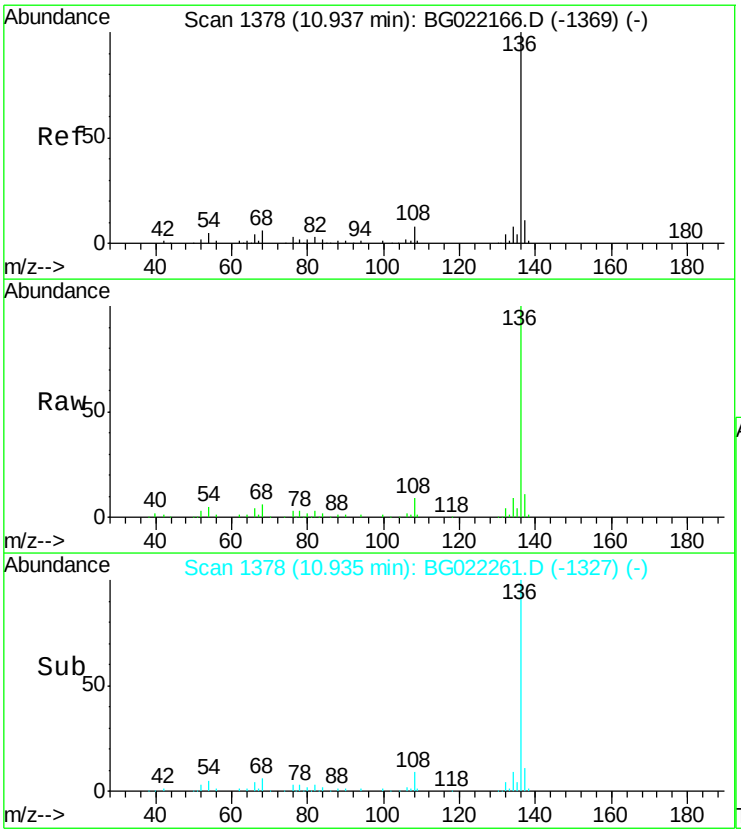
#7
Phenol-d6
Concen: 52.34 ng
RT: 7.27 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion: 99 Resp: 176470

Ion	Ratio	Lower	Upper
99	100		
42	10.3	16.4	24.6#
71	23.4	25.0	37.4#

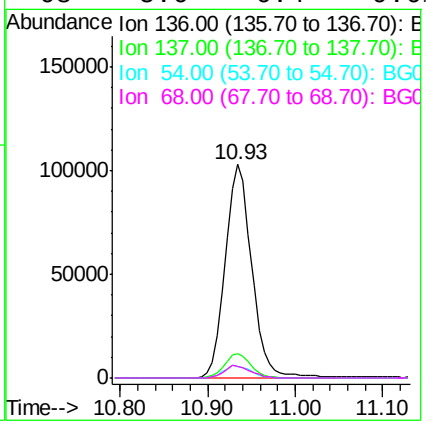


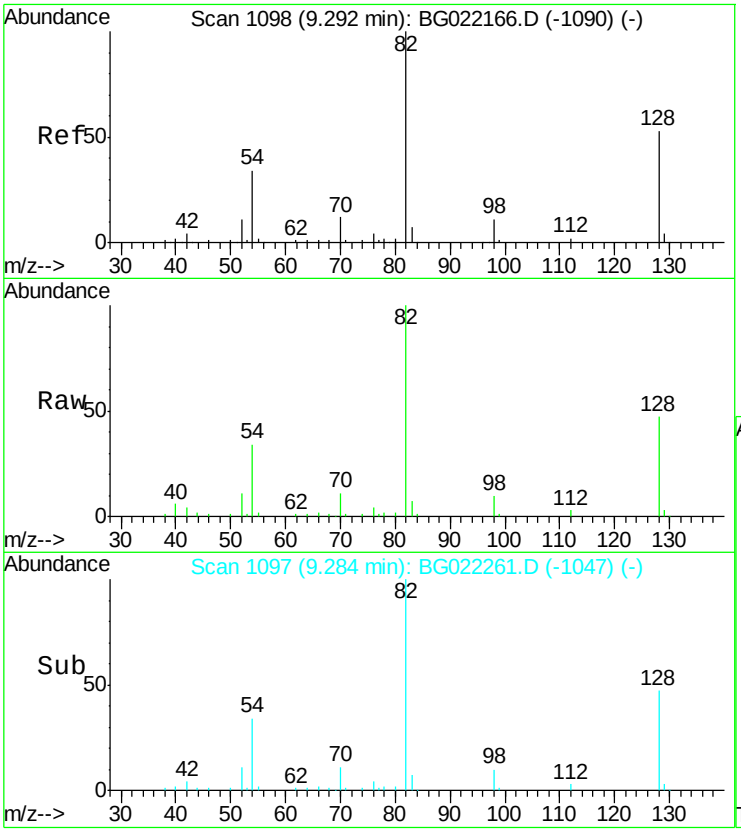


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:136 Resp: 213272

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.4	9.6	14.4#
68	5.6	6.4	9.6#



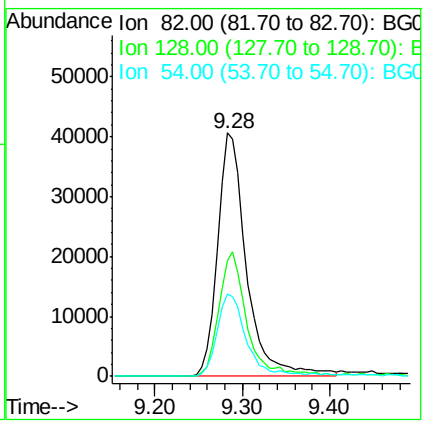


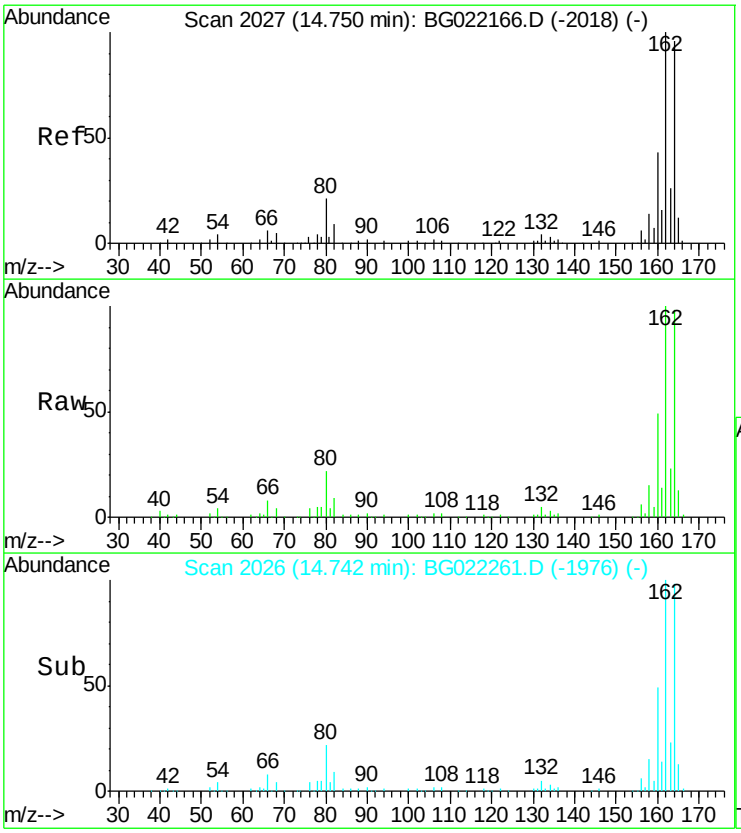
#23
Nitrobenzene-d5
Concen: 30.25 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion: 82 Resp: 92530

Ion	Ratio	Lower	Upper
82	100		
128	47.3	33.4	50.0
54	33.7	46.1	69.1#

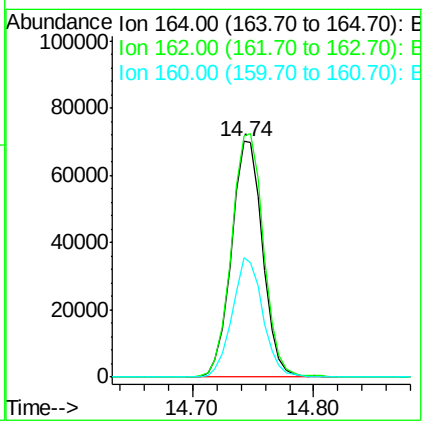


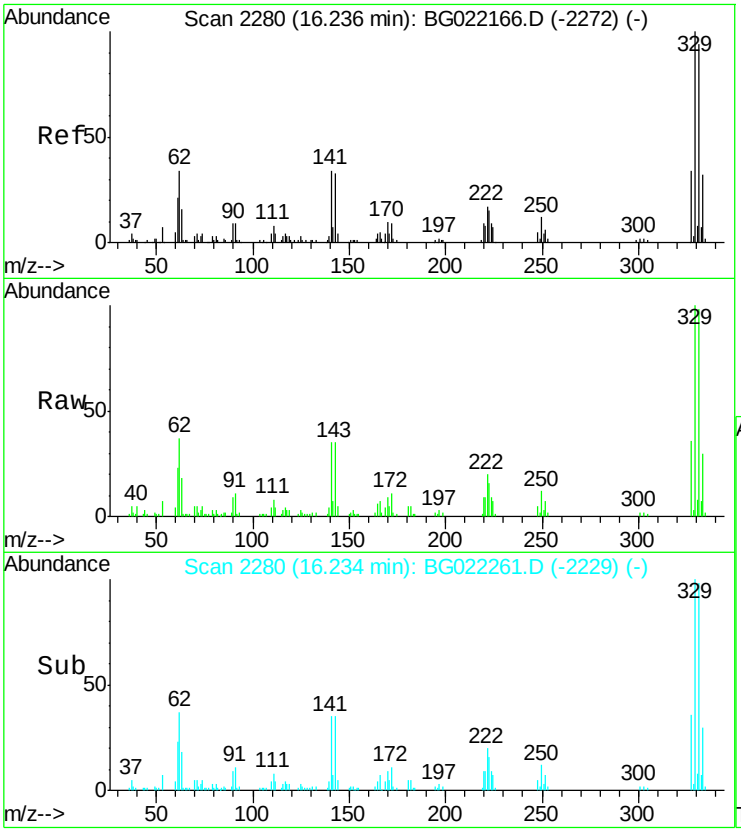


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:164 Resp: 126260

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.0	117.0
160	50.5	32.9	49.3#



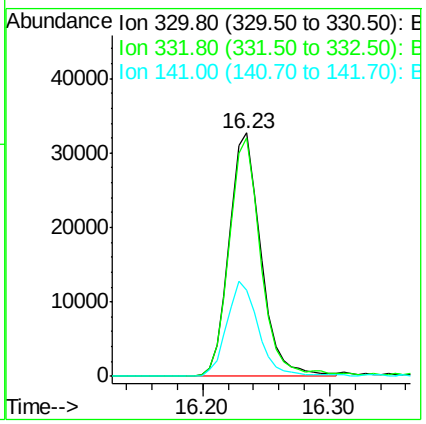


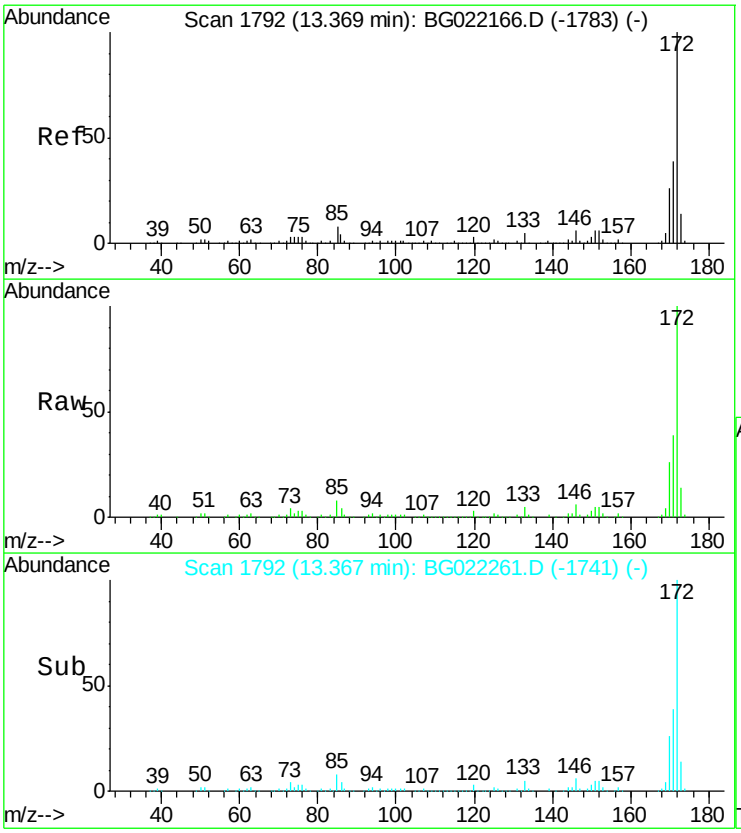
#41
2,4,6-Tribromophenol
Concen: 39.79 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:330 Resp: 56761

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.0	117.0
141	38.8	33.8	50.8

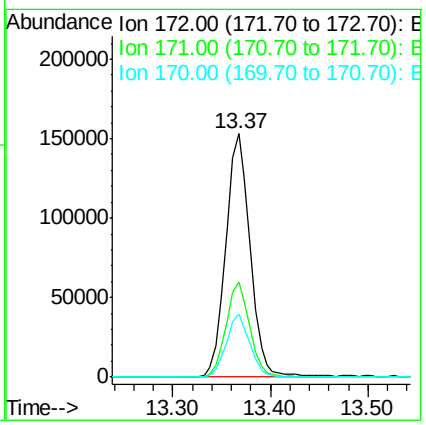


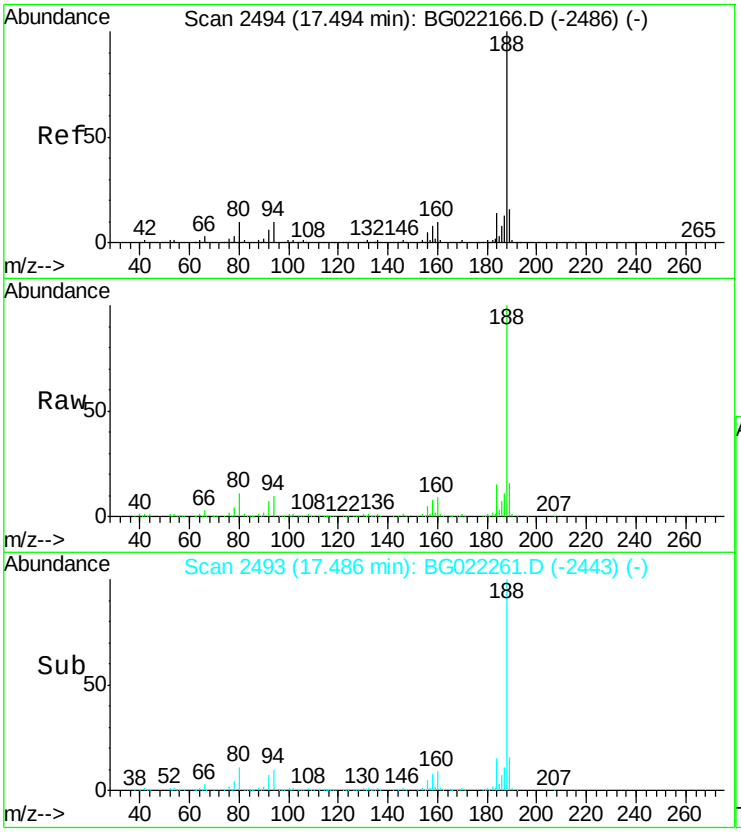


#44
2-Fluorobiphenyl
Concen: 32.10 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:172 Resp: 265959

Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	25.9	19.6	29.4



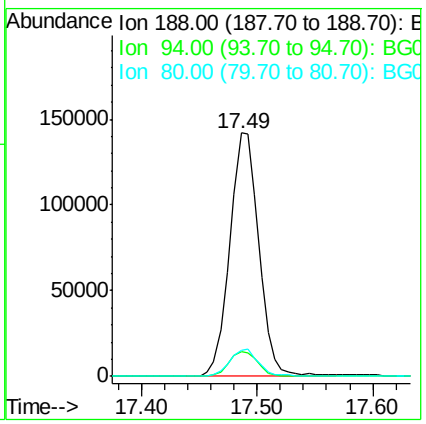


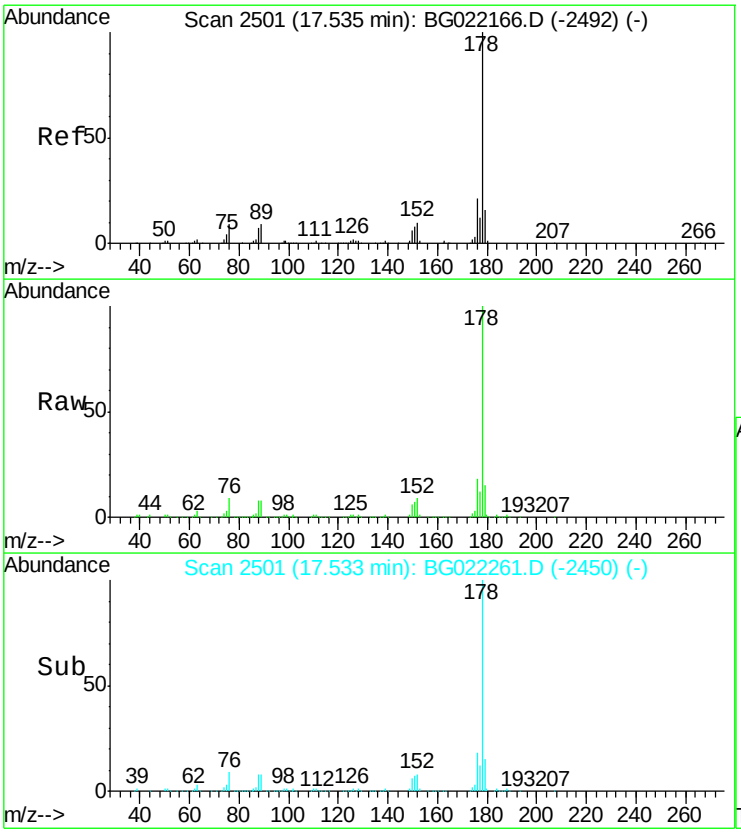
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:188 Resp: 248558

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.6	8.6	13.0

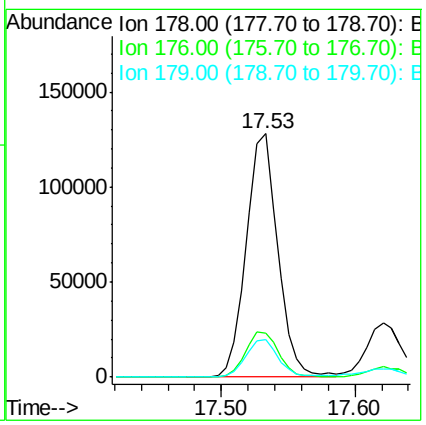


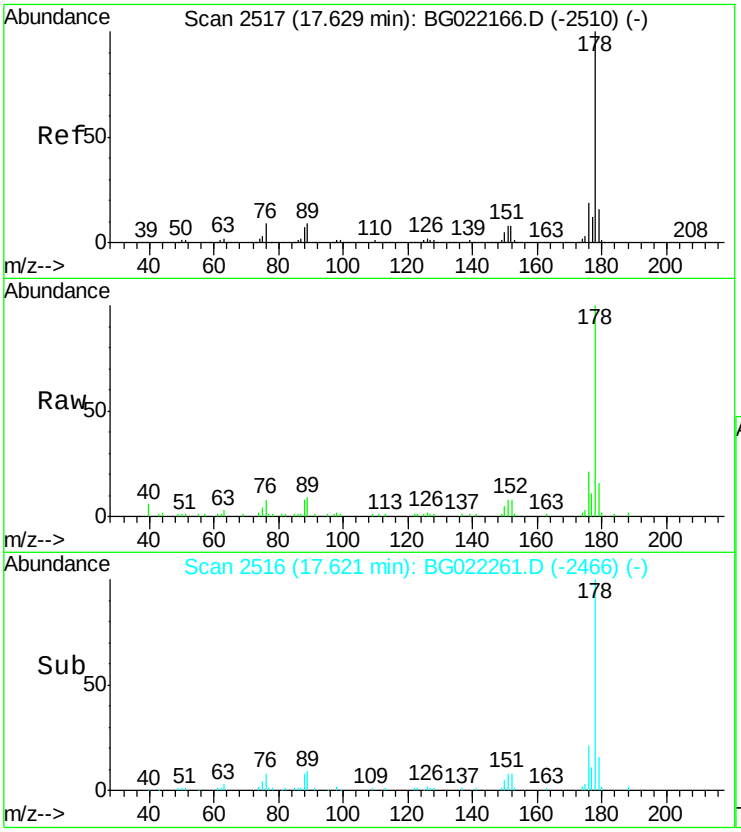


#70
Phenanthrene
Concen: 15.43 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:178 Resp: 208363

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	15.4	12.0	18.0



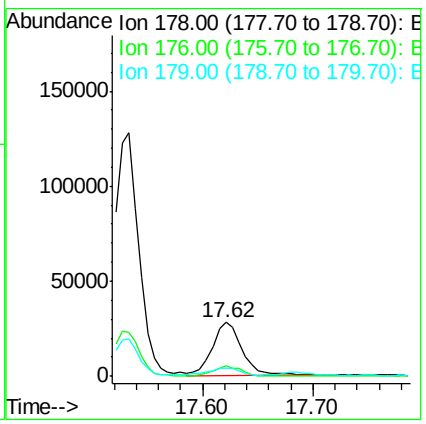


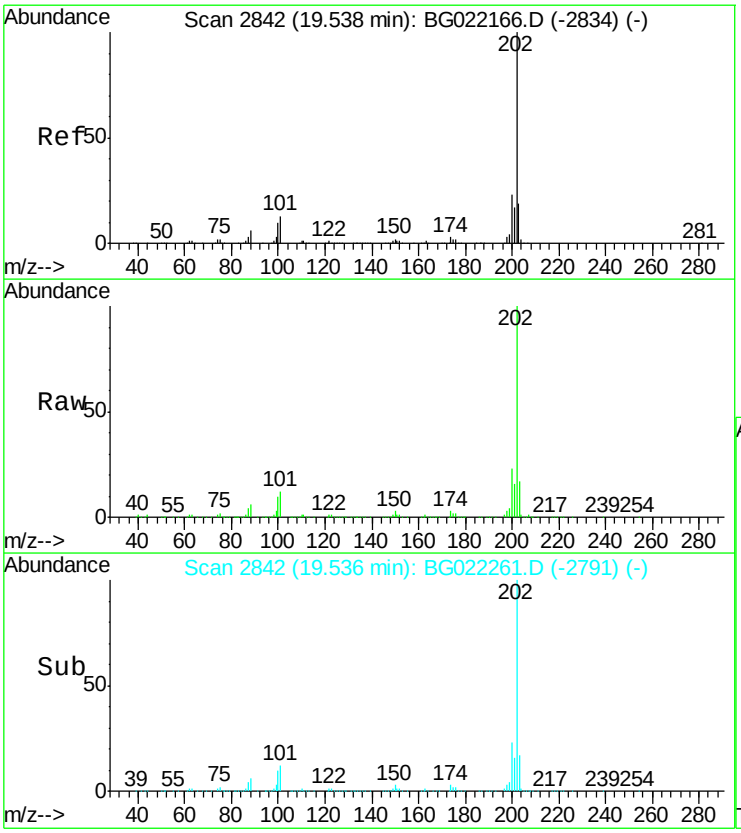
#71
Anthracene
Concen: 3.97 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:178 Resp: 53182

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.0	22.4
179	15.8	12.2	18.4

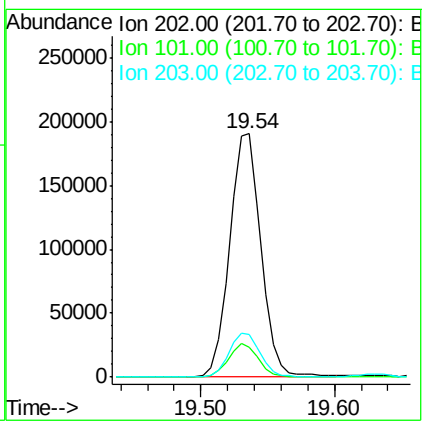


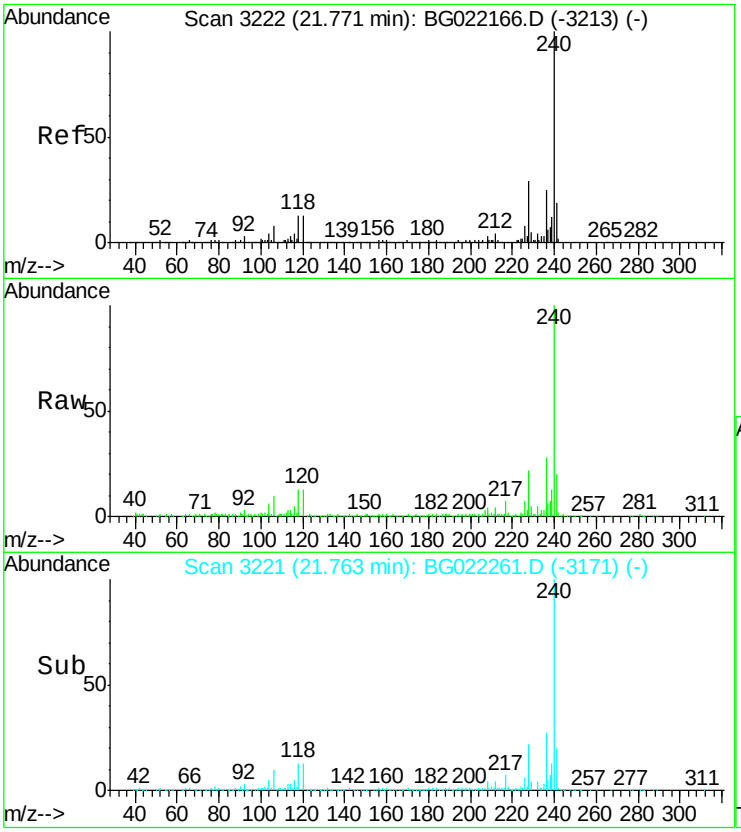


#74
Fluoranthene
Concen: 20.08 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:202 Resp: 311587

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
203	17.4	0.0	37.9



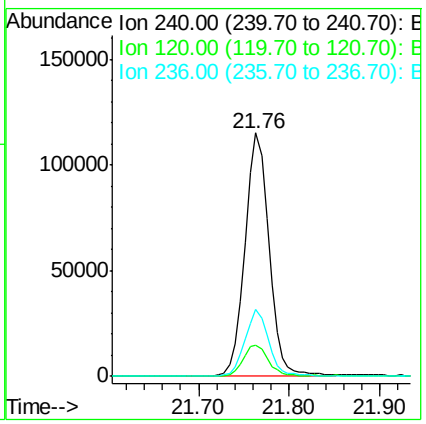


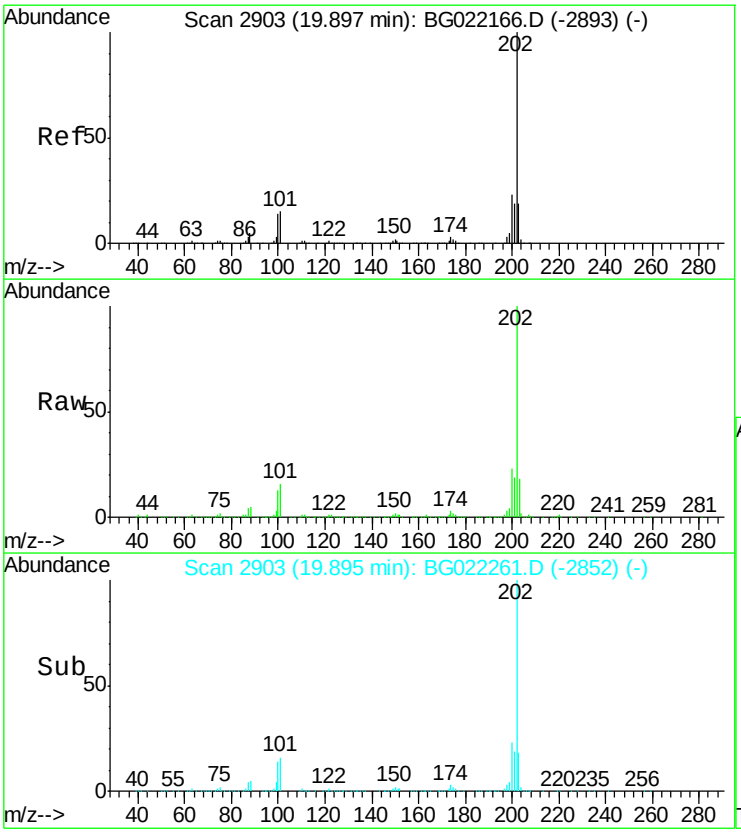
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:240 Resp: 212662

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.4	12.6#
236	27.7	19.6	29.4

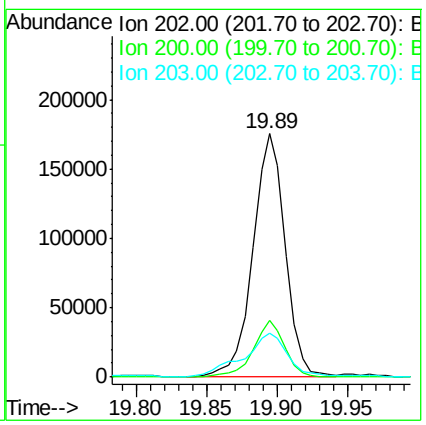


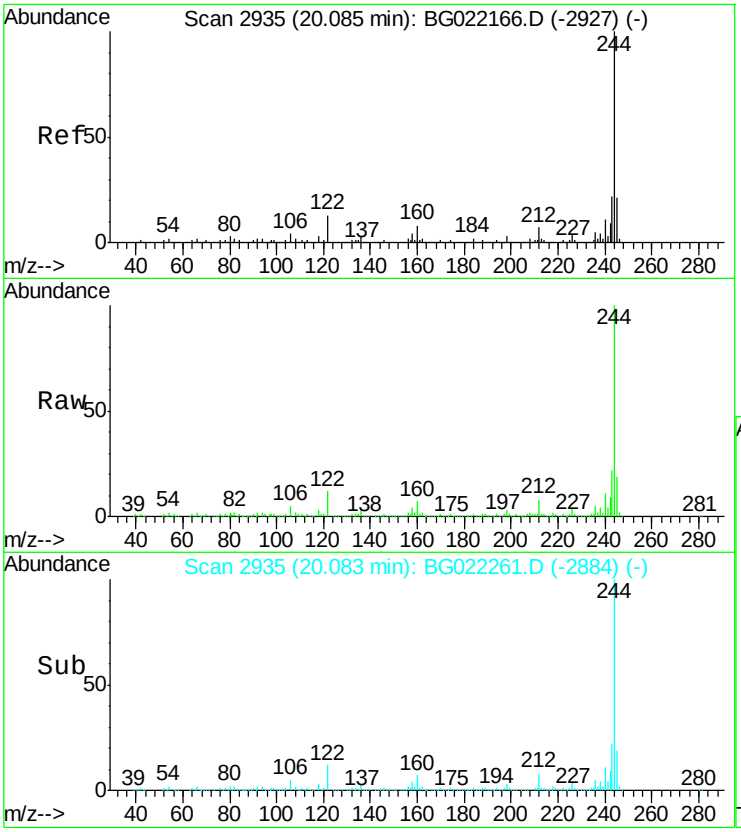


#77
Pyrene
Concen: 21.23 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:202 Resp: 280727

Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.2
203	18.2	15.0	22.4



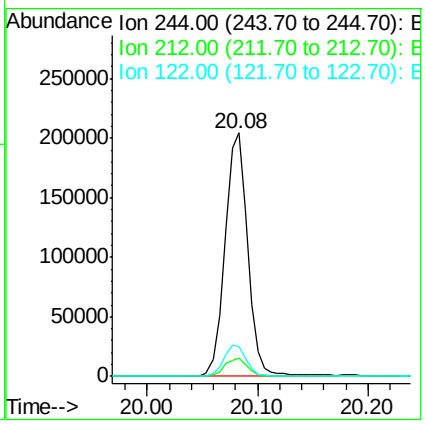


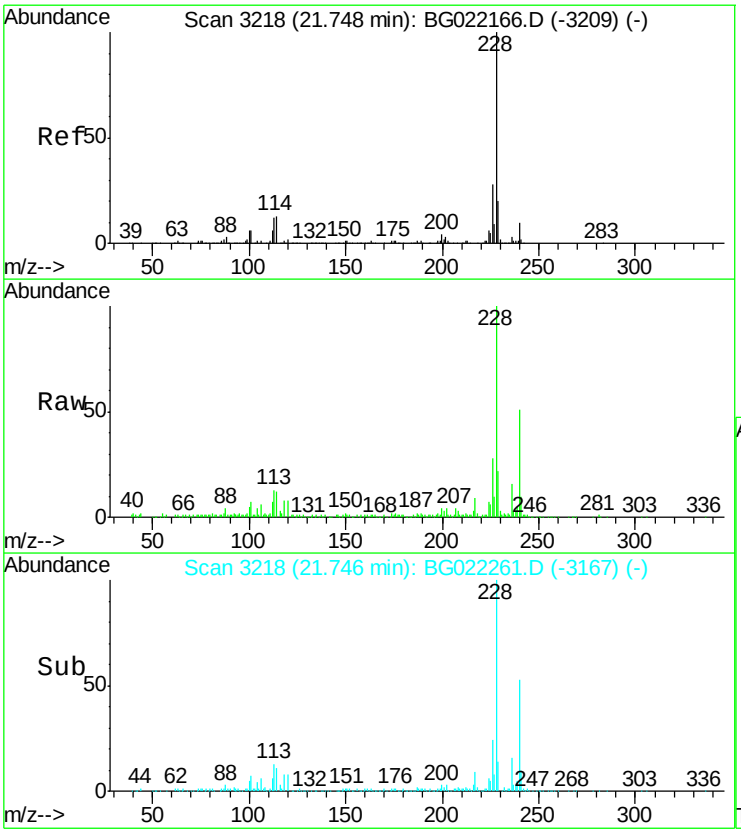
#78
Terphenyl-d14
Concen: 32.97 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:244 Resp: 295319

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	12.1	8.6	12.8

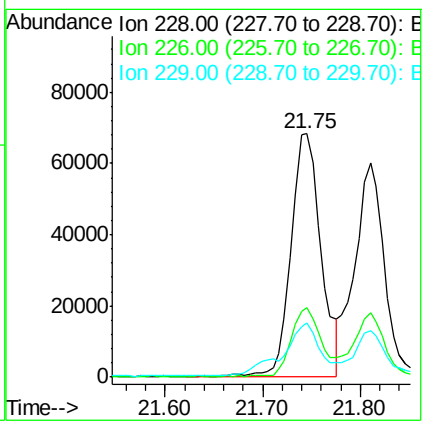


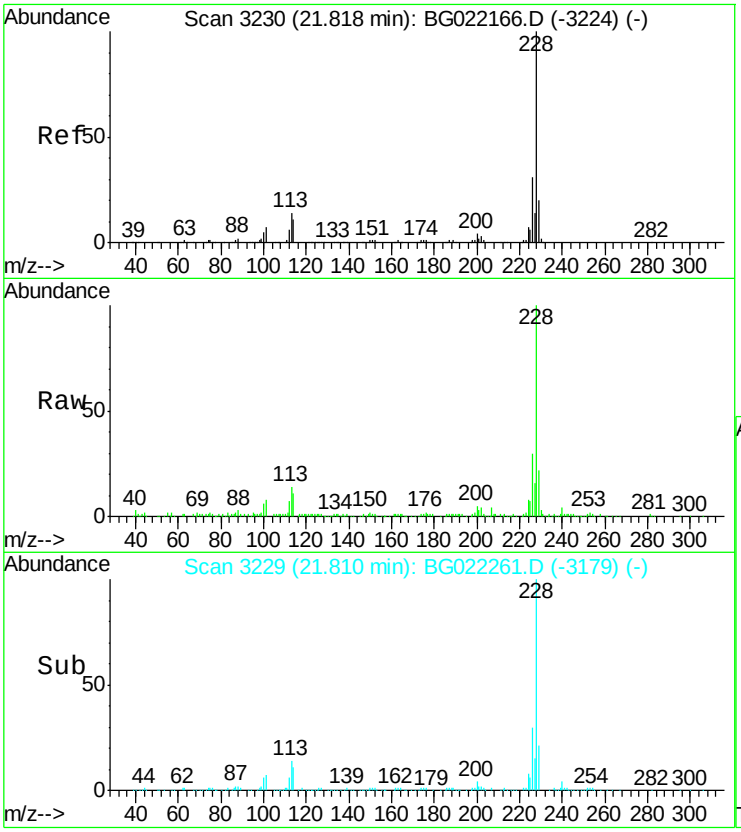


#80
Benzo(a)anthracene
Concen: 12.20 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:228 Resp: 145511

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	22.3	16.1	24.1



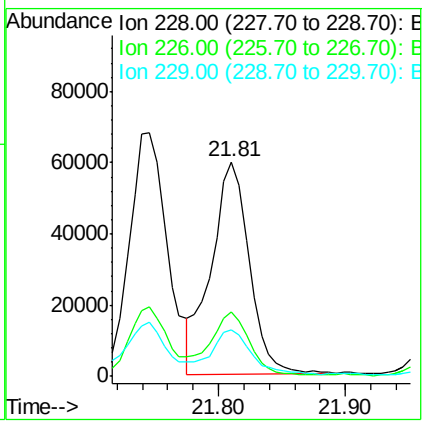


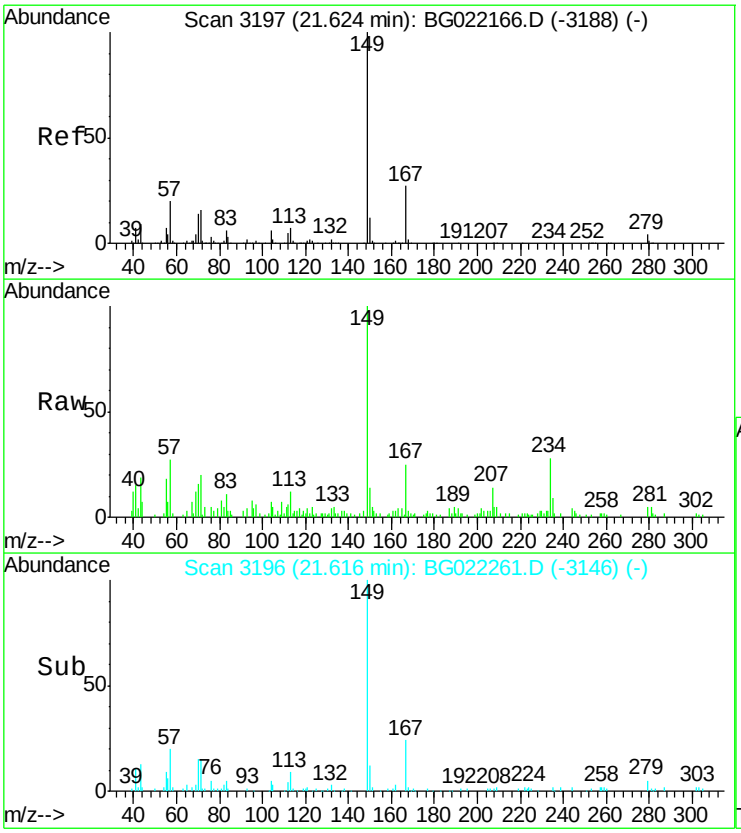
#82
Chrysene
Concen: 10.63 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:228 Resp: 123352

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	21.7	15.9	23.9

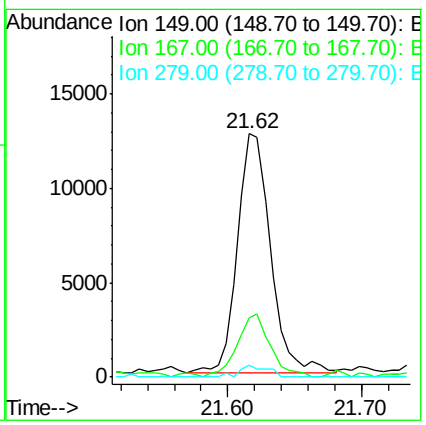


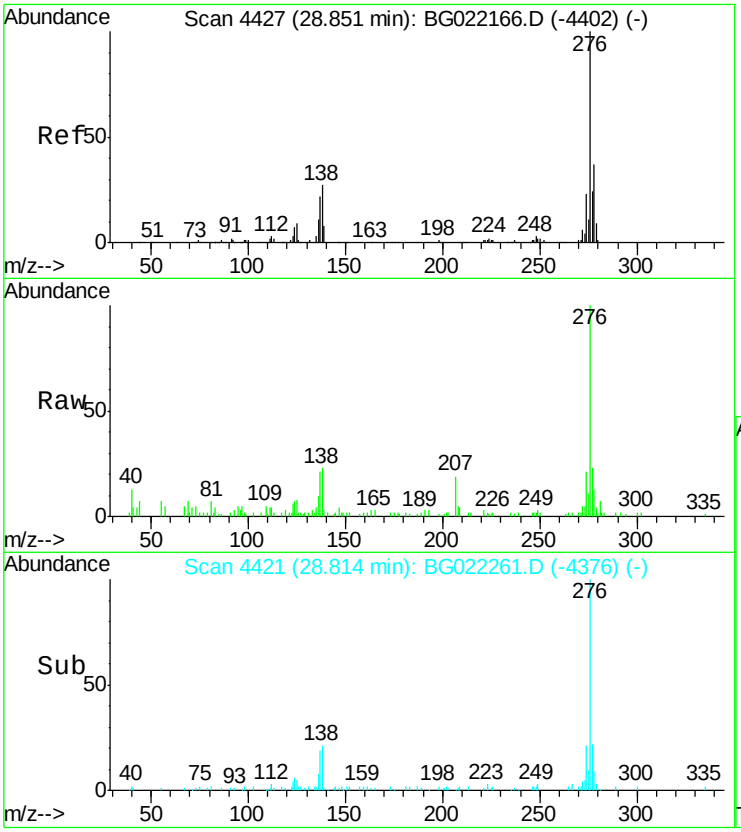


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.42 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:149 Resp: 21817

Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.4	33.6
279	4.7	3.2	4.8



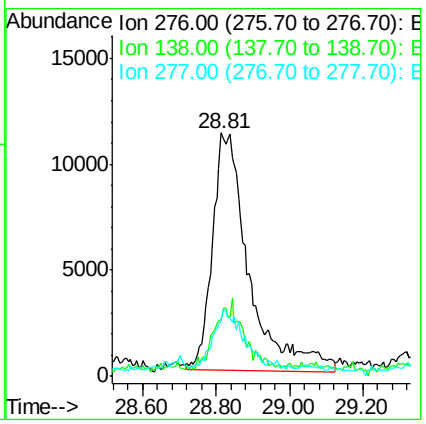


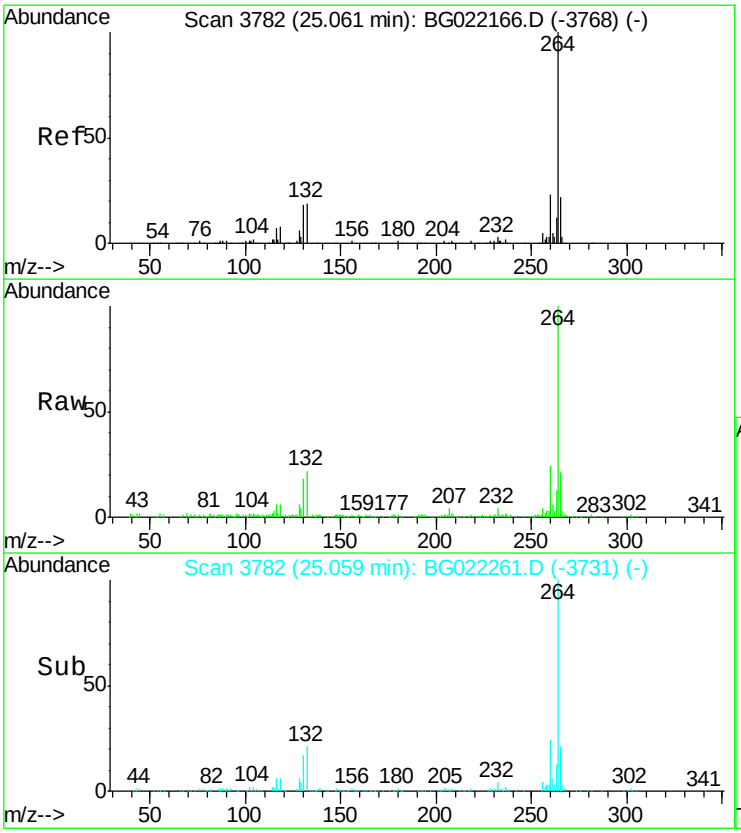
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.00 ng m
RT: 28.81 min Scan# 4421
Delta R.T. -0.04 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:276 Resp: 78080

Ion	Ratio	Lower	Upper
276	100		
138	11.8	14.0	21.0#
277	19.9	20.6	30.8#

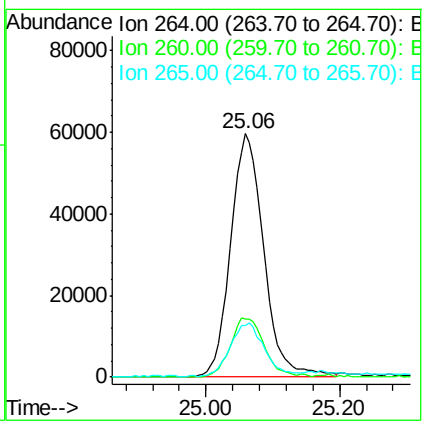


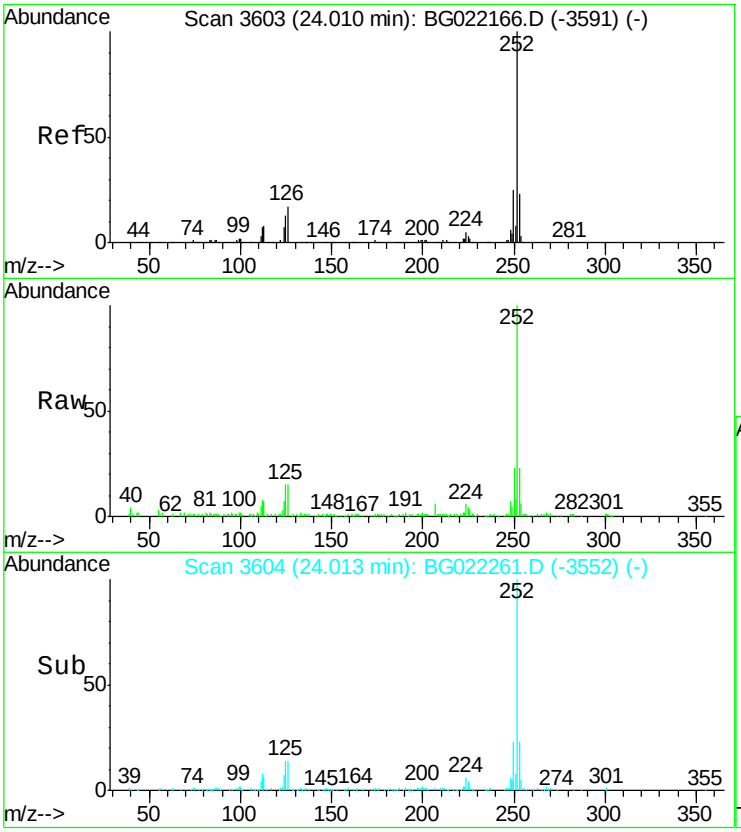


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:264 Resp: 205729

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.4
265	21.5	17.8	26.8



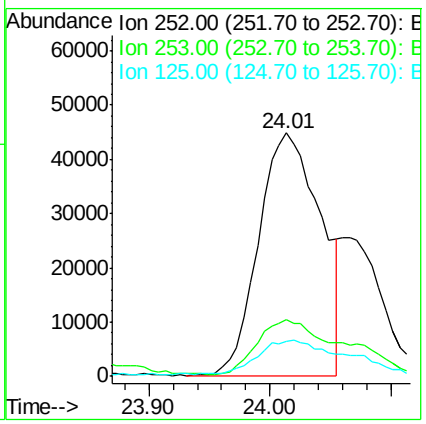


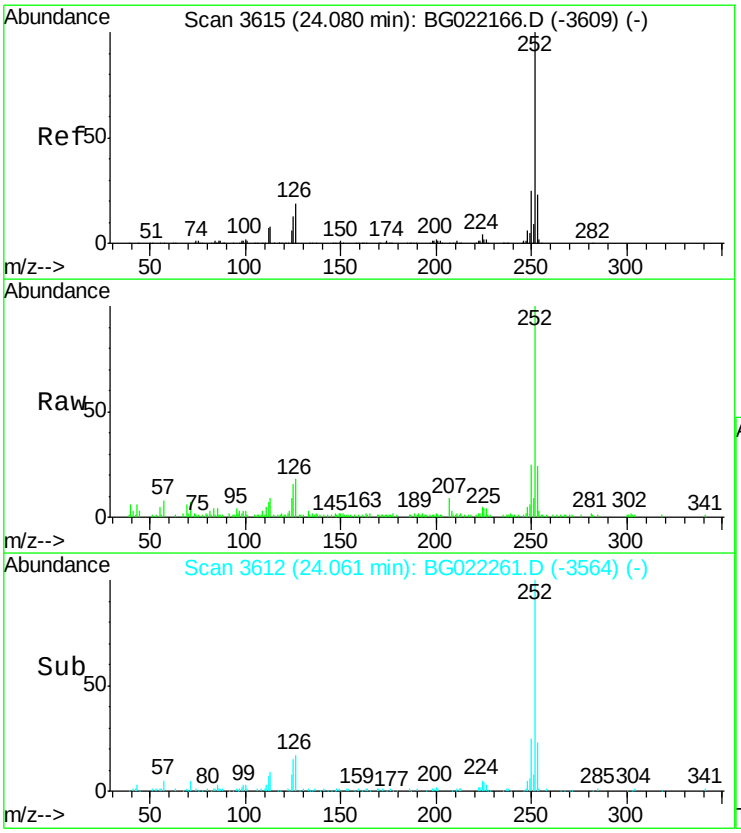
#87
Benzo(b)fluoranthene
Concen: 13.29 ng
RT: 24.01 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:252 Resp: 159431

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.5	8.6	13.0#

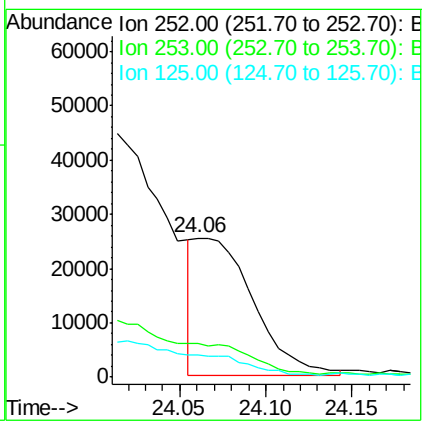


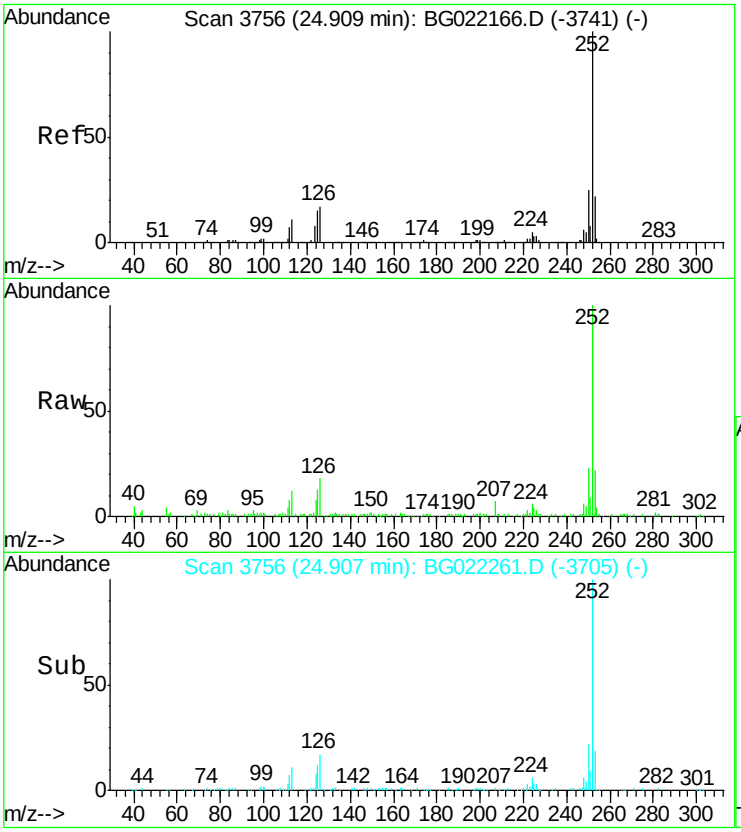


#88
Benzo(k)fluoranthene
Concen: 5.12 ng m
RT: 24.06 min Scan# 3612
Delta R.T. -0.02 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:252 Resp: 60467

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	16.1	8.3	12.5#



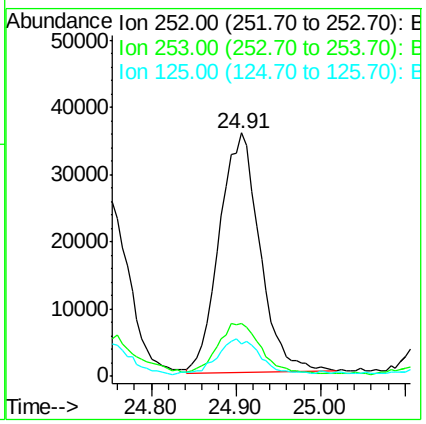


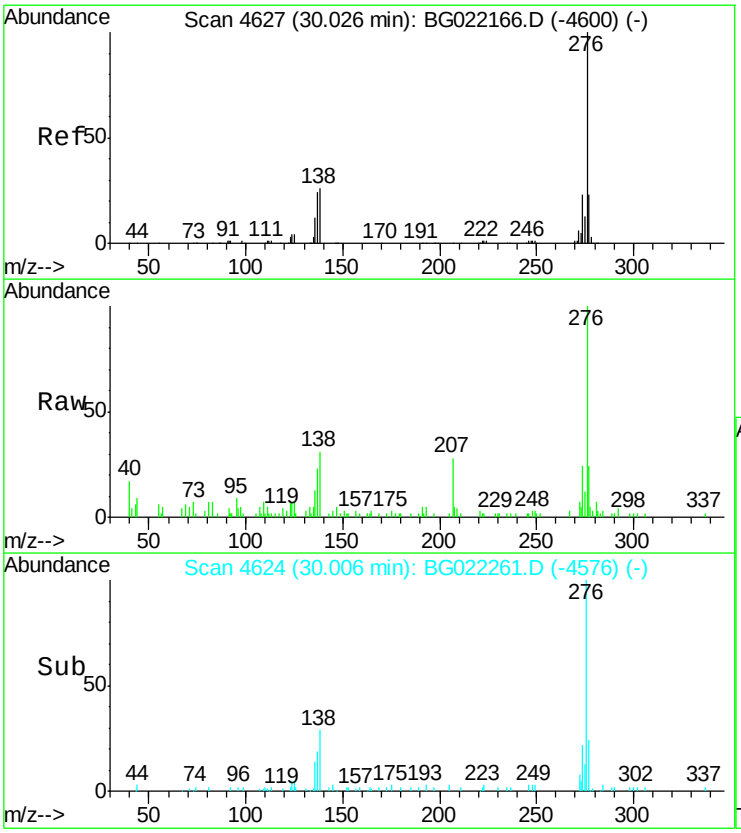
#89
Benzo(a)pyrene
Concen: 10.32 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.00 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Instrument :
BNA_G
ClientSampleId :
SS-42

Tgt Ion:252 Resp: 118416

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.3	9.6	14.4





#91
Benzo(g,h,i)perylene
Concen: 6.22 ng m
RT: 30.01 min Scan# 4624
Delta R.T. -0.02 min
Lab File: BG022261.D
Acq: 9 Jun 2016 9:55

Tgt Ion:276 Resp: 69916

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	31.2	17.4	26.0#