Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-44

Quant Time: Jun 09 17:29:16 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	43911	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	220081	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	123870	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	239408	20.00	ng		0.00
75) Chrysene-d12	21.76	240	205602	20.00	ng		0.00
86) Perylene-d12	25.06	264	196565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	175005	77.06	ng		0.00
7) Phenol-d6	7.27	99	263490	73.79	ng		0.00
23) Nitrobenzene-d5	9.29	82	138303	43.81	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	82415	58.88	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	380445	46.81	ng		0.00
78) Terphenyl-d14	20.08	244	392461	45.32	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.18	163	97177	9.46	ng		100
70) Phenanthrene	17.53	178	196764	15.13	ng		97
71) Anthracene	17.62	178	45583	3.53	ng		97
74) Fluoranthene	19.54	202	311597	20.84	ng		98
77) Pyrene	19.89	202	292211	22.86	ng		99
80) Benzo(a)anthracene	21.75	228	144639	12.55	ng		98
82) Chrysene	21.81	228	124709	11.12	ng		98
85) Indeno(1,2,3-cd)pyrene	28.84	276	63924m	5.08	ng		
87) Benzo(b)fluoranthene	24.02	252	145356m	12.68	ng		
88) Benzo(k)fluoranthene	24.06	252	55811m	4.95	ng		
89) Benzo(a)pyrene	24.91	252	109626	10.00	ng	#	95
91) Benzo(g,h,i)perylene	30.02	276	60334m	5.62	ng		

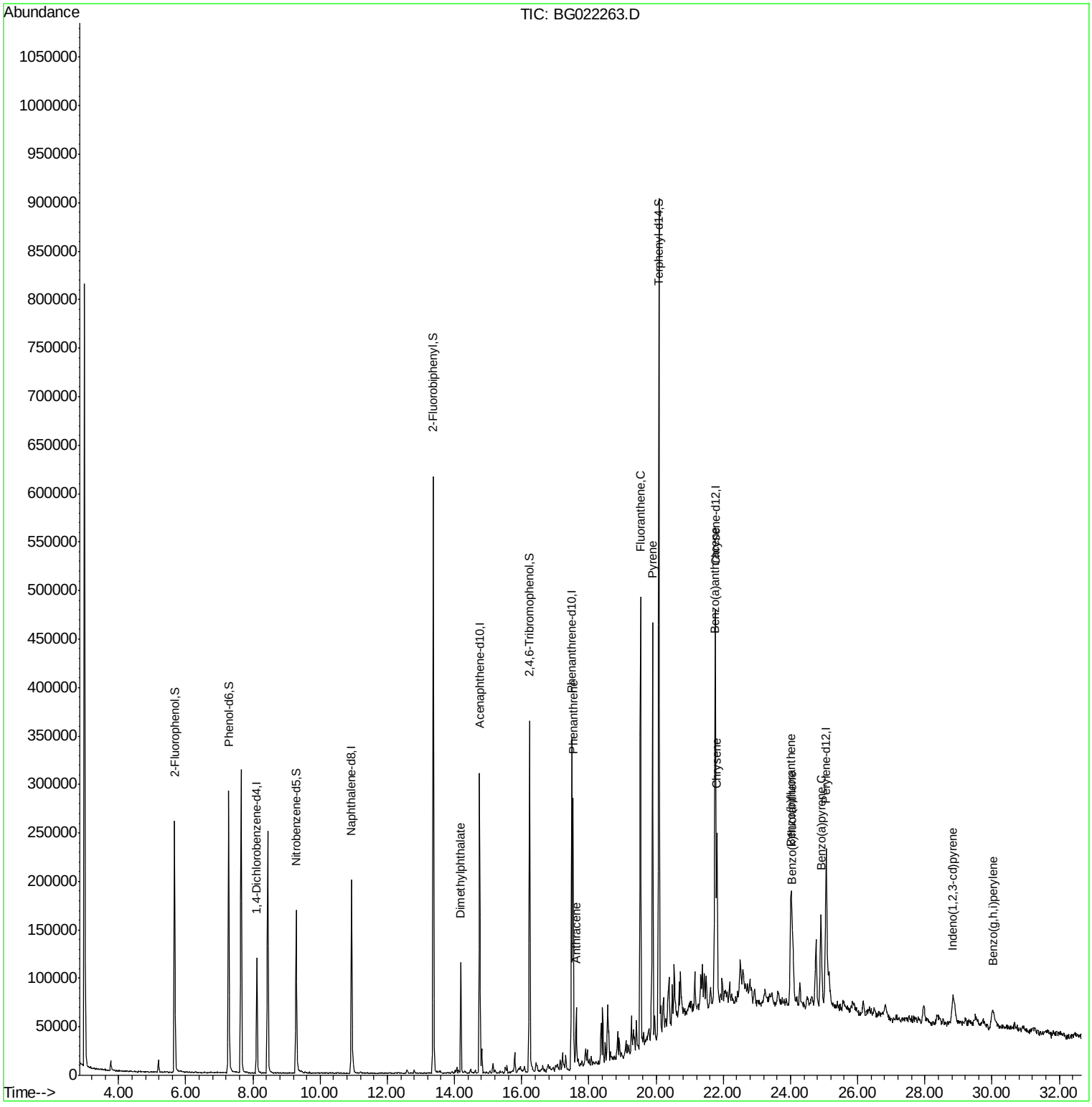
(#) = qualifier out of range (m) = manual integration (+) = signals summed

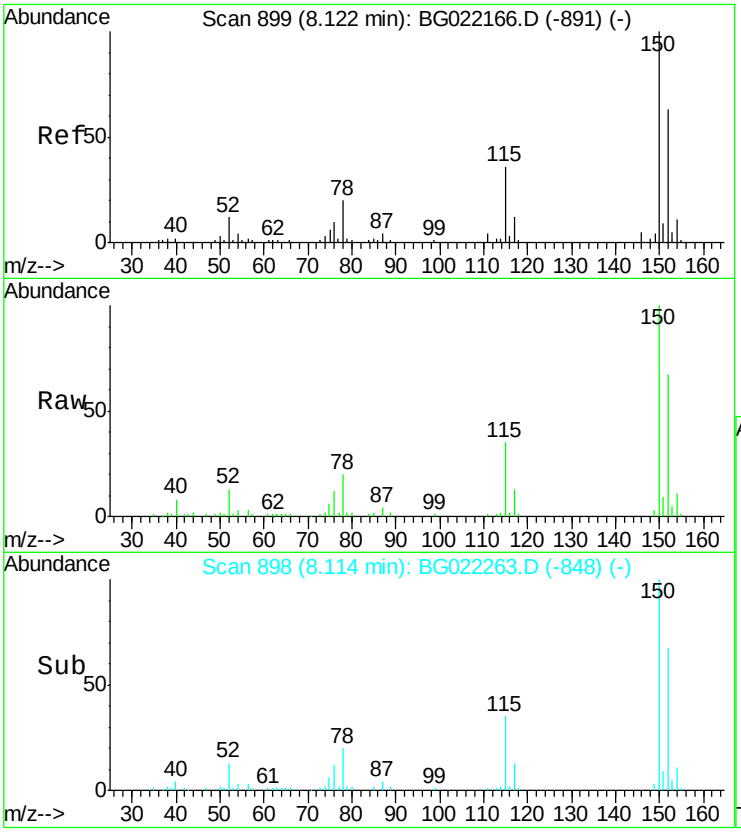
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

Quant Time: Jun 09 17:29:16 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



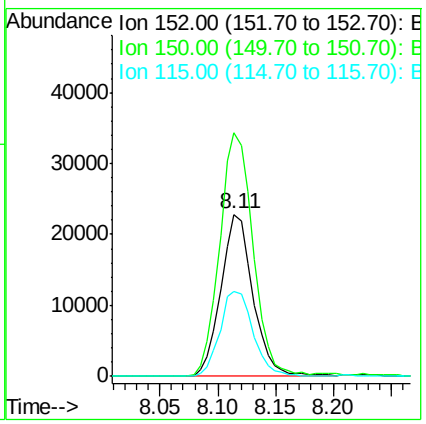


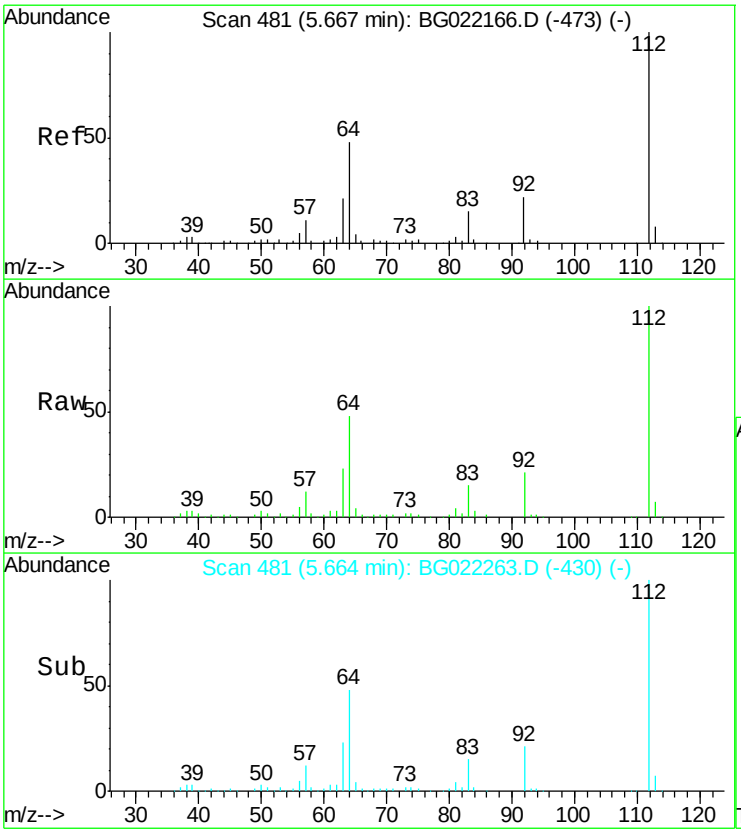
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:152 Resp: 43911

Ion	Ratio	Lower	Upper
152	100		
150	150.3	130.1	195.1
115	52.6	62.2	93.2#

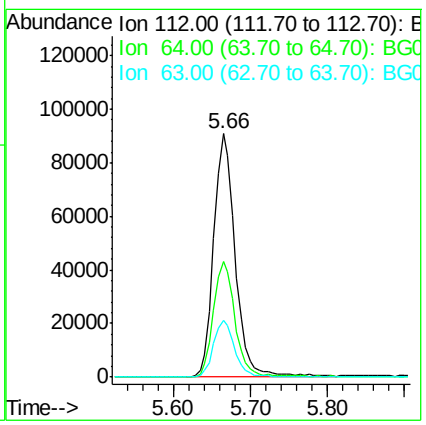


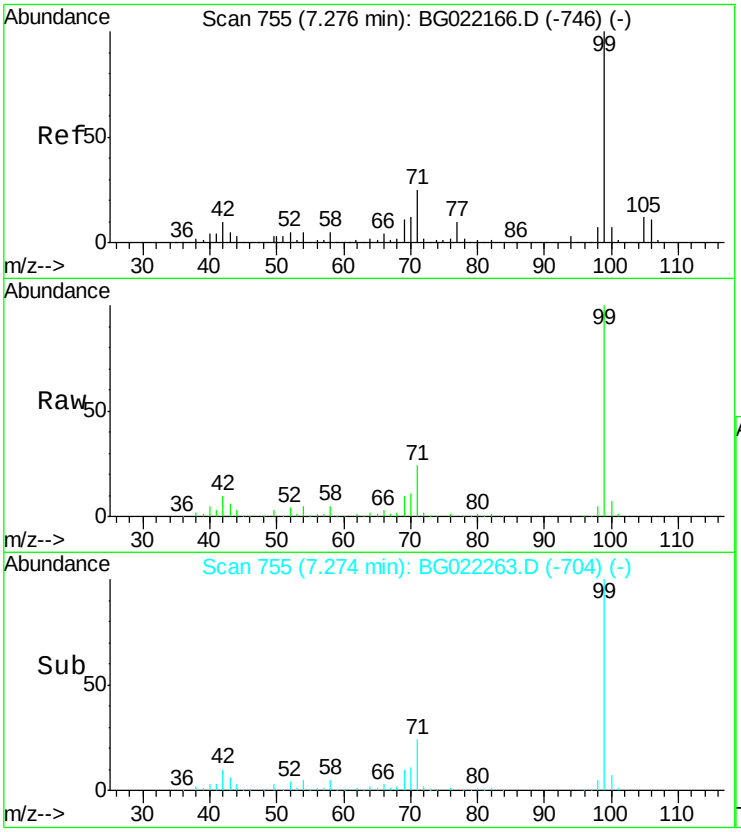


#5
2-Fluorophenol
Concen: 77.06 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:112 Resp: 175005

Ion	Ratio	Lower	Upper
112	100		
64	47.6	51.1	76.7#
63	23.0	24.6	37.0#



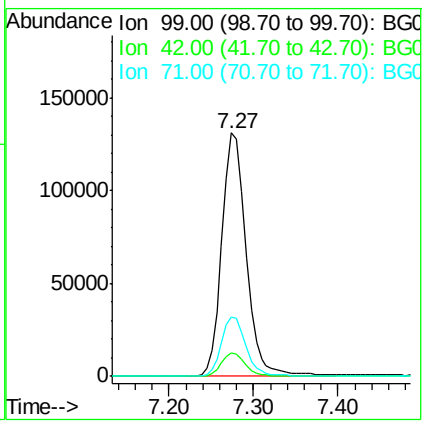


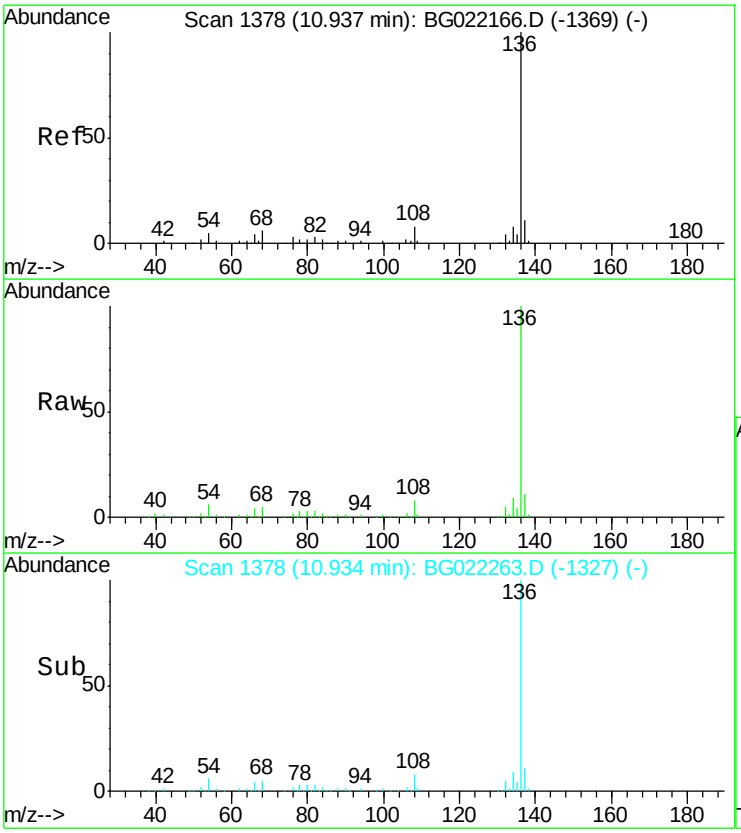
#7
Phenol-d6
Concen: 73.79 ng
RT: 7.27 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion: 99 Resp: 263490

Ion	Ratio	Lower	Upper
99	100		
42	9.5	16.4	24.6#
71	24.2	25.0	37.4#

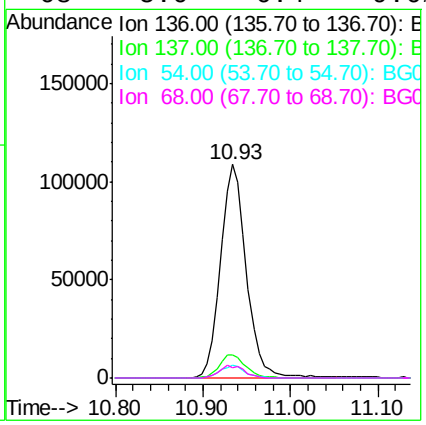


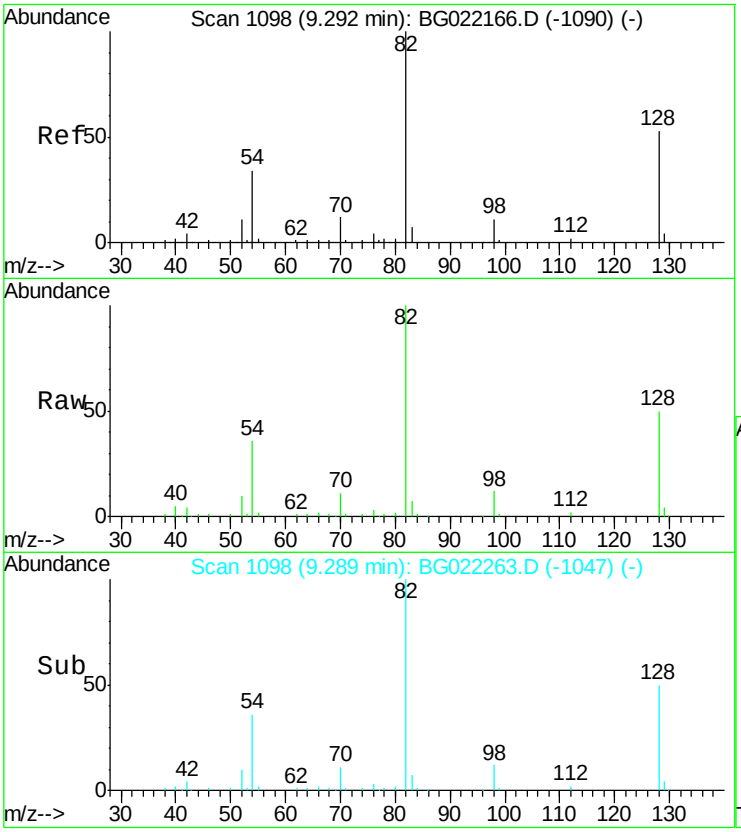


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:136 Resp: 220081

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.9	9.6	14.4#
68	5.0	6.4	9.6#



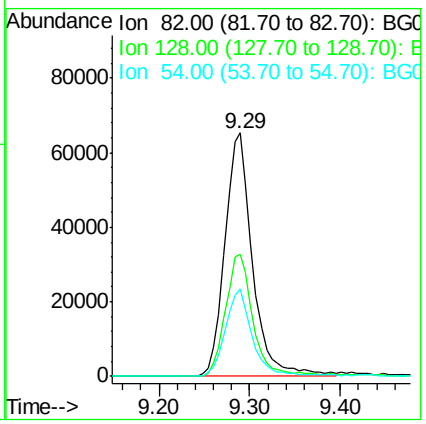


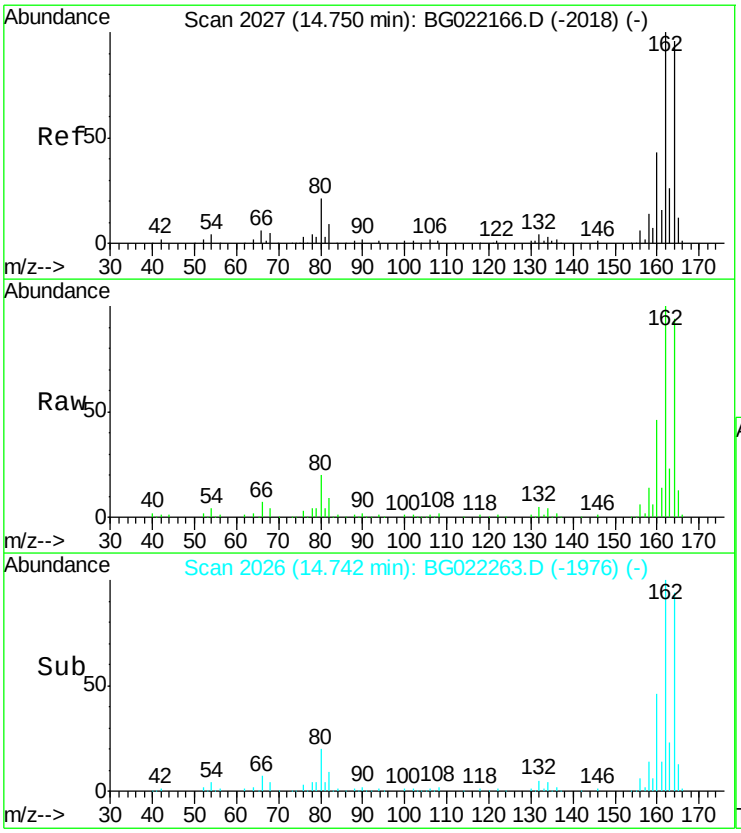
#23
Nitrobenzene-d5
Concen: 43.81 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion: 82 Resp: 138303

Ion	Ratio	Lower	Upper
82	100		
128	50.0	33.4	50.0
54	36.0	46.1	69.1#

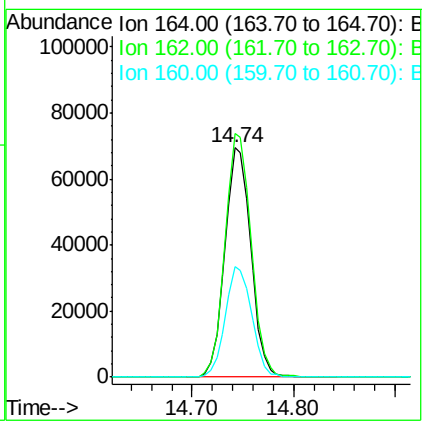


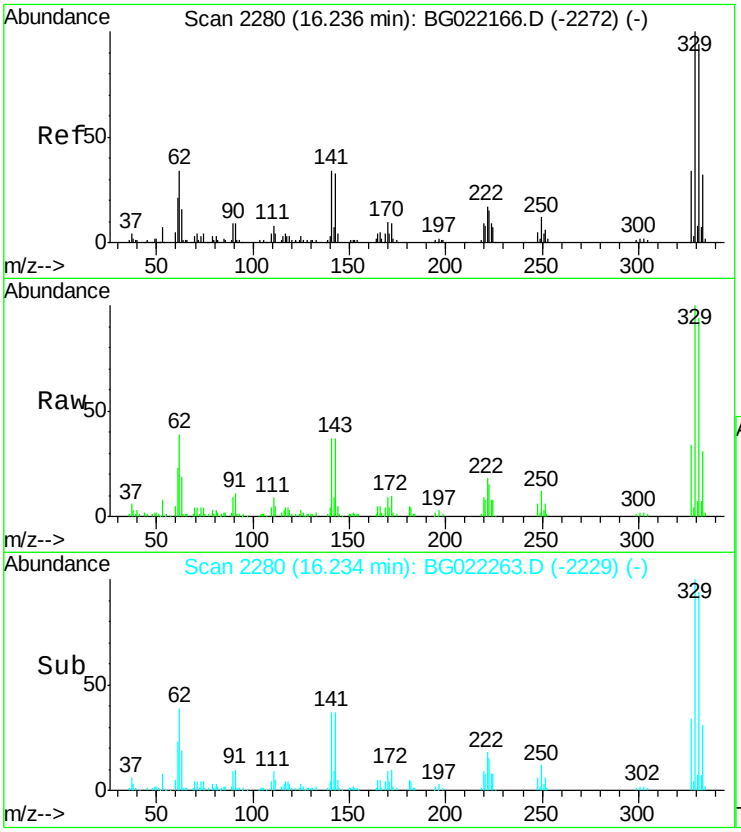


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:164 Resp: 123870

Ion	Ratio	Lower	Upper
164	100		
162	106.1	78.0	117.0
160	48.3	32.9	49.3



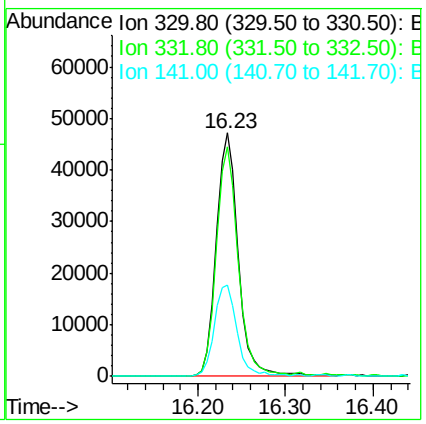


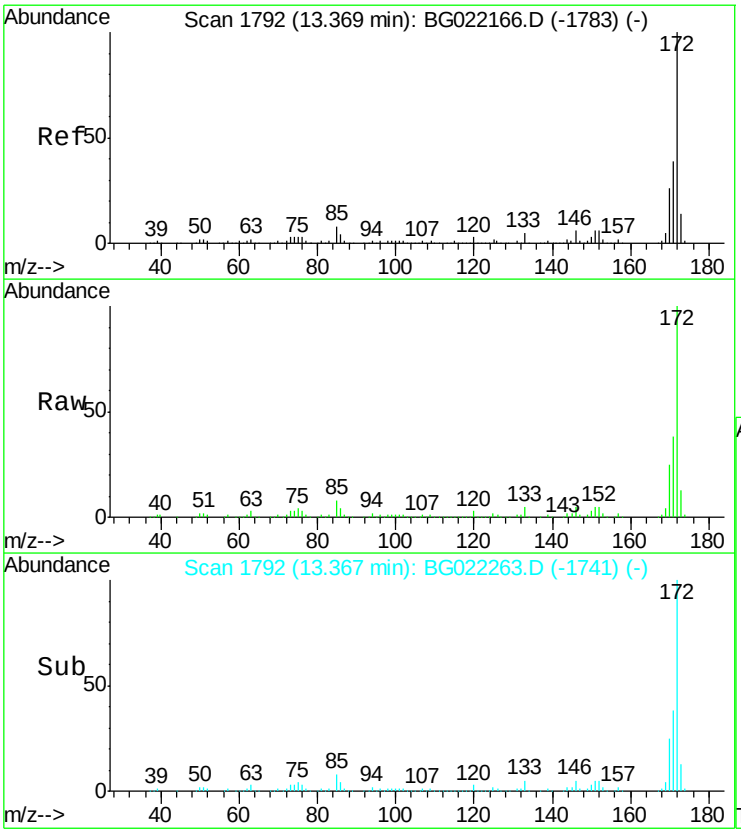
#41
2,4,6-Tribromophenol
Concen: 58.88 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:330 Resp: 82415

Ion	Ratio	Lower	Upper
330	100		
332	93.5	78.0	117.0
141	38.5	33.8	50.8

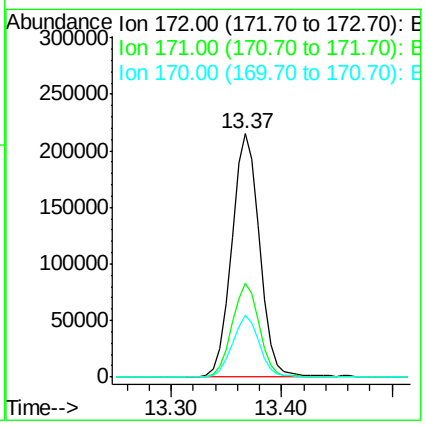


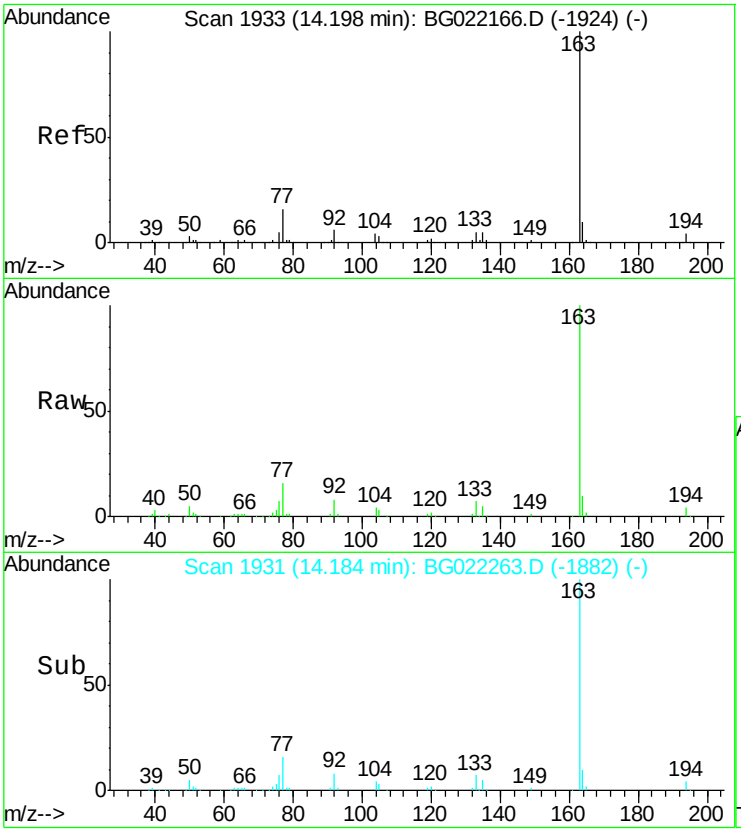


#44
2-Fluorobiphenyl
Concen: 46.81 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:172 Resp: 380445

Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.8	41.6
170	25.5	19.6	29.4



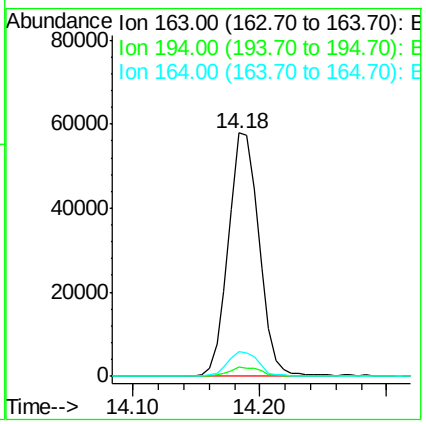


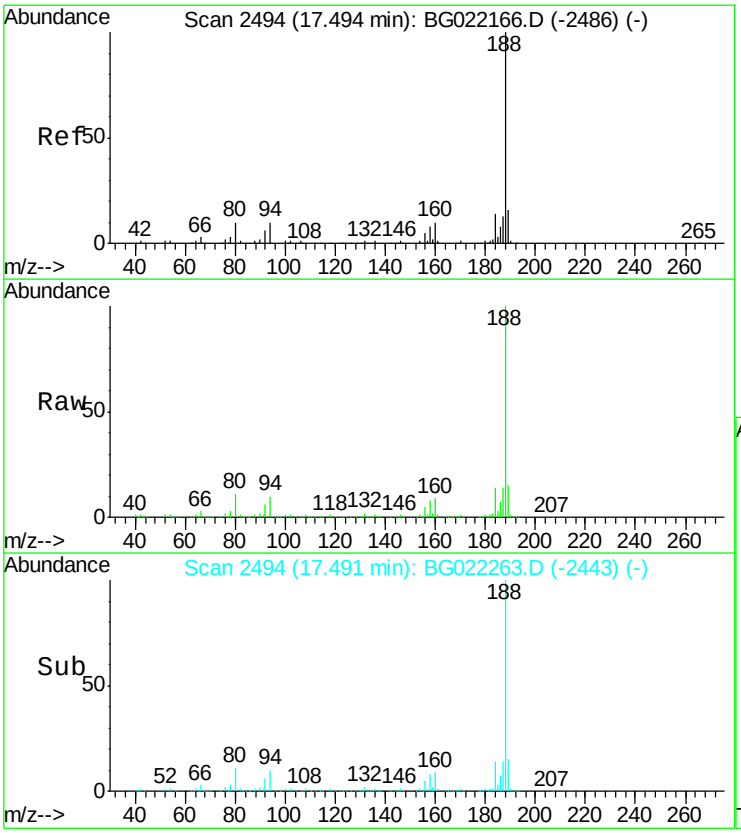
#49
Dimethylphthalate
Concen: 9.46 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:163 Resp: 97177

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.3	8.1	12.1

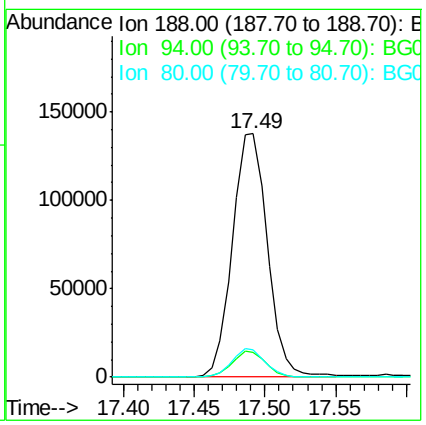


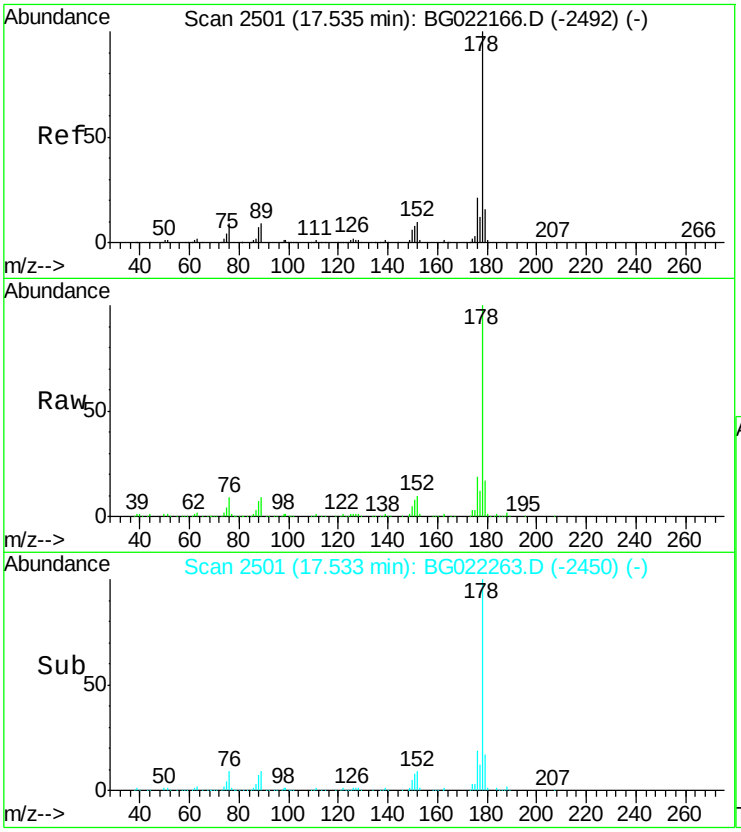


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:188 Resp: 239408

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.5	11.3
80	11.0	8.6	13.0



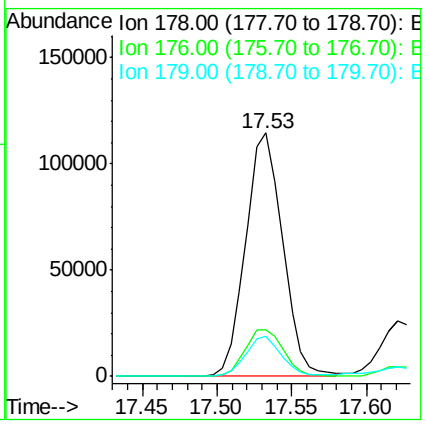


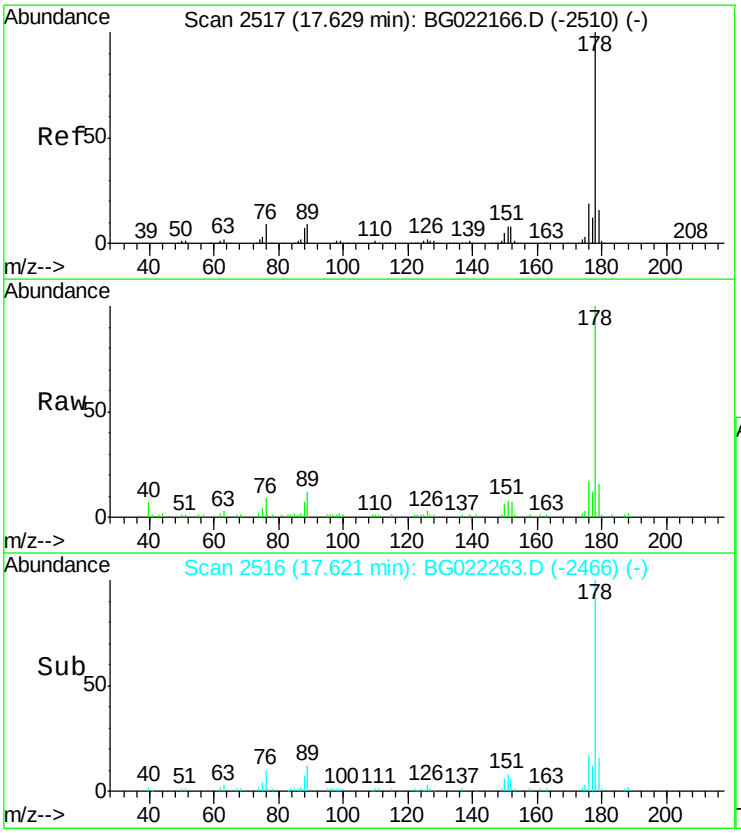
#70
Phenanthrene
Concen: 15.13 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:178 Resp: 196764

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	16.5	12.0	18.0

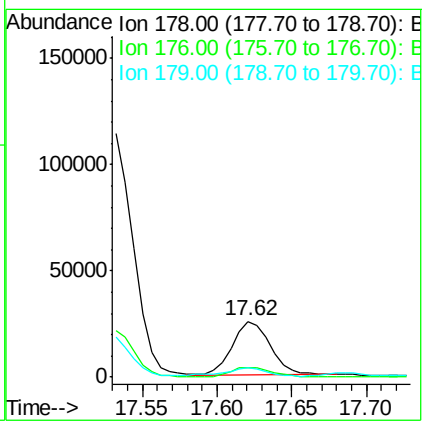


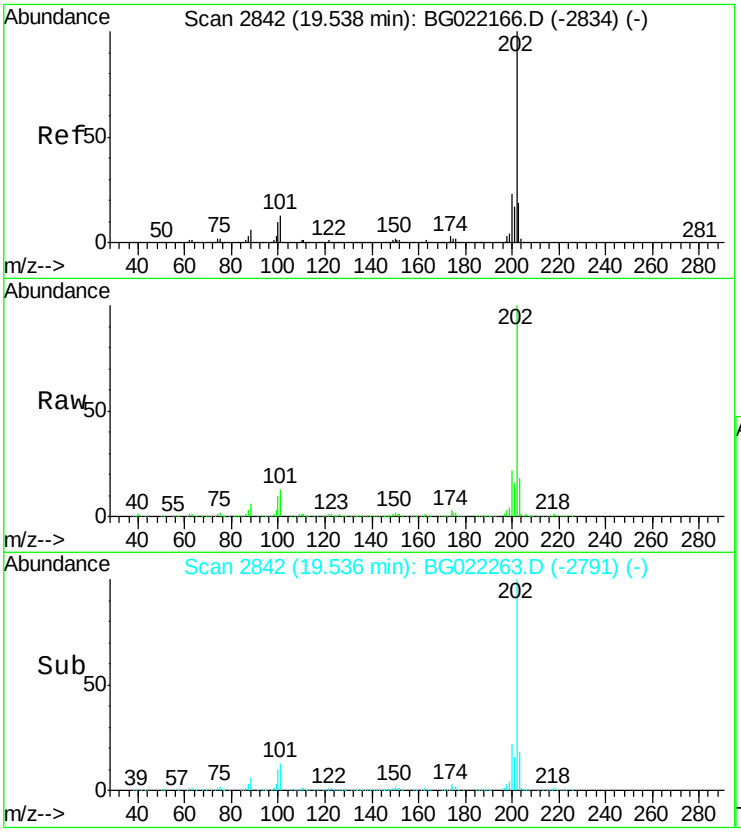


#71
Anthracene
Concen: 3.53 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:178 Resp: 45583

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.0	22.4
179	15.7	12.2	18.4



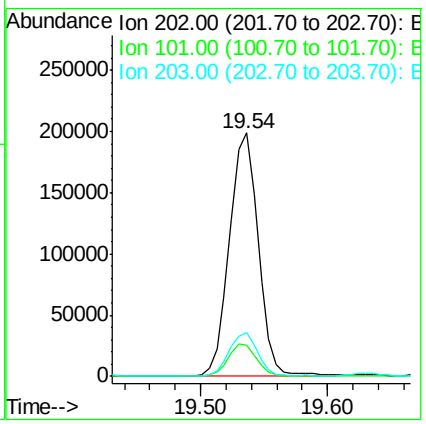


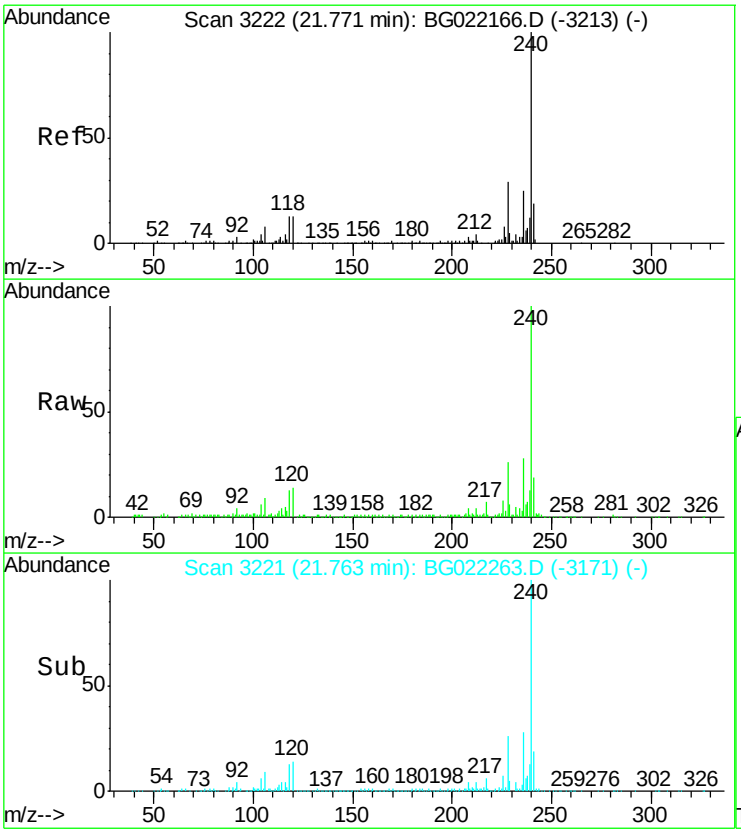
#74
Fluoranthene
Concen: 20.84 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:202 Resp: 311597

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.0
203	18.2	0.0	37.9

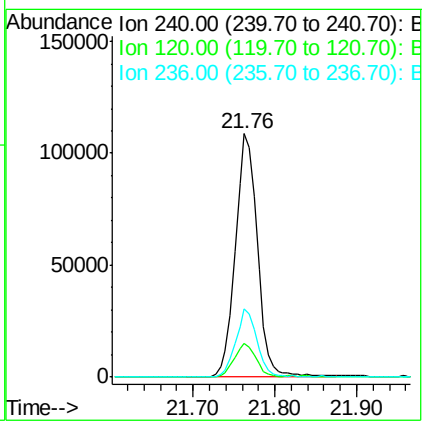


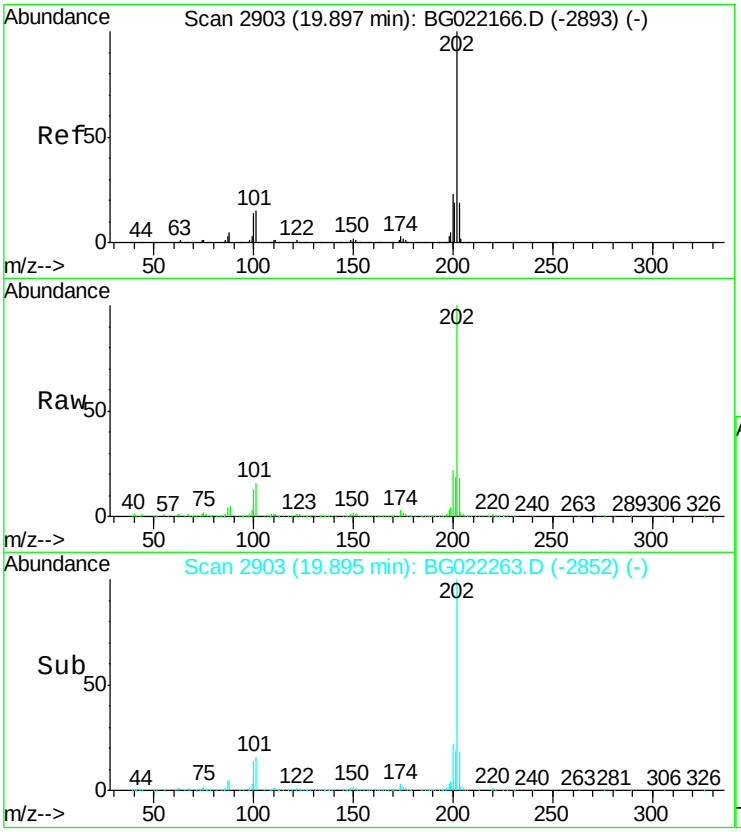


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:240 Resp: 205602

Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.4	12.6#
236	27.8	19.6	29.4



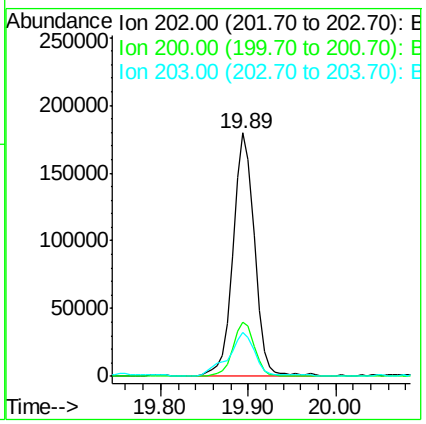


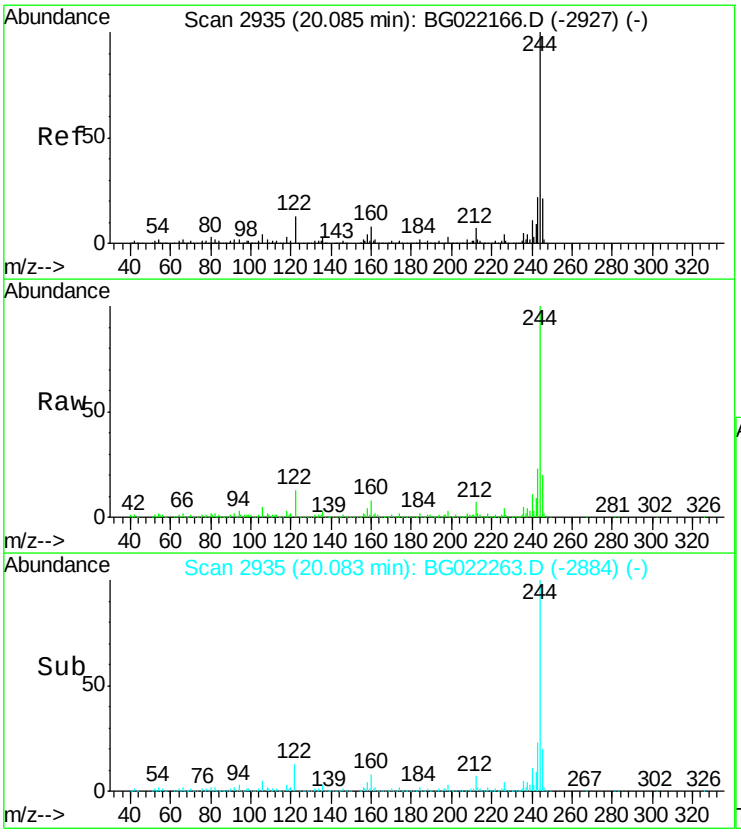
#77
Pyrene
Concen: 22.86 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:202 Resp: 292211

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.3	15.0	22.4

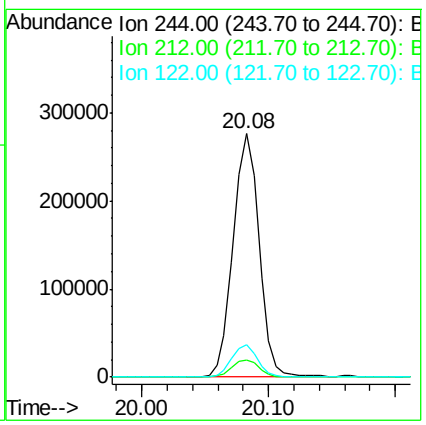


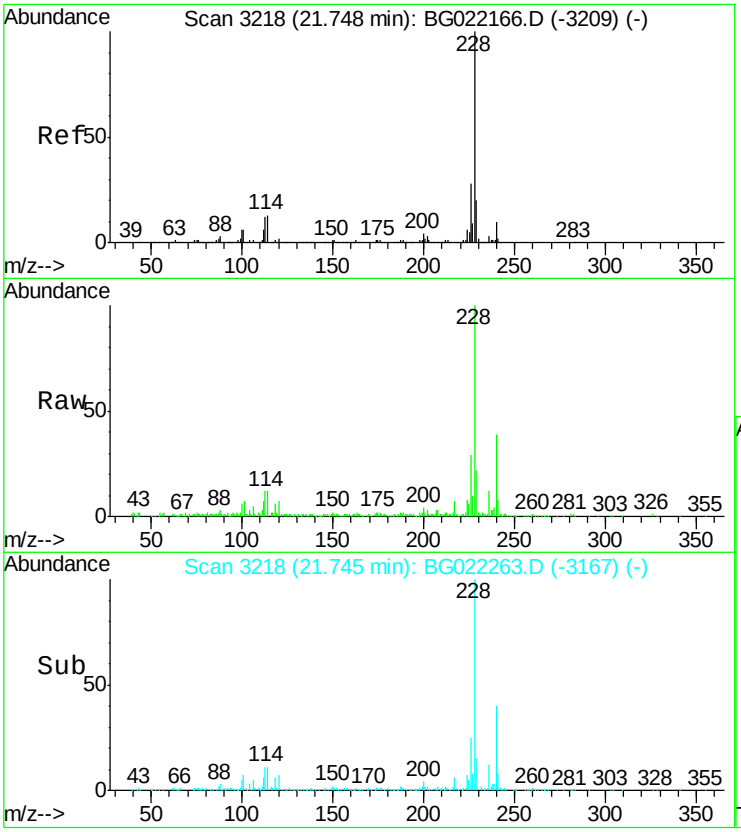


#78
Terphenyl-d14
Concen: 45.32 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:244 Resp: 392461

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	13.1	8.6	12.8#



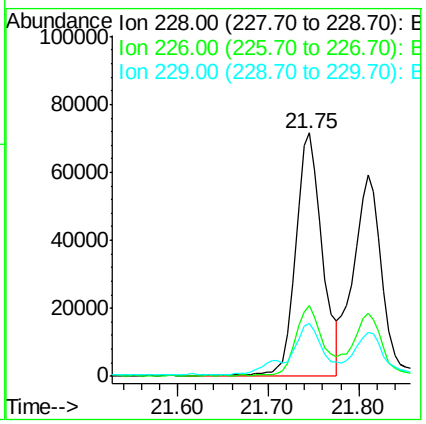


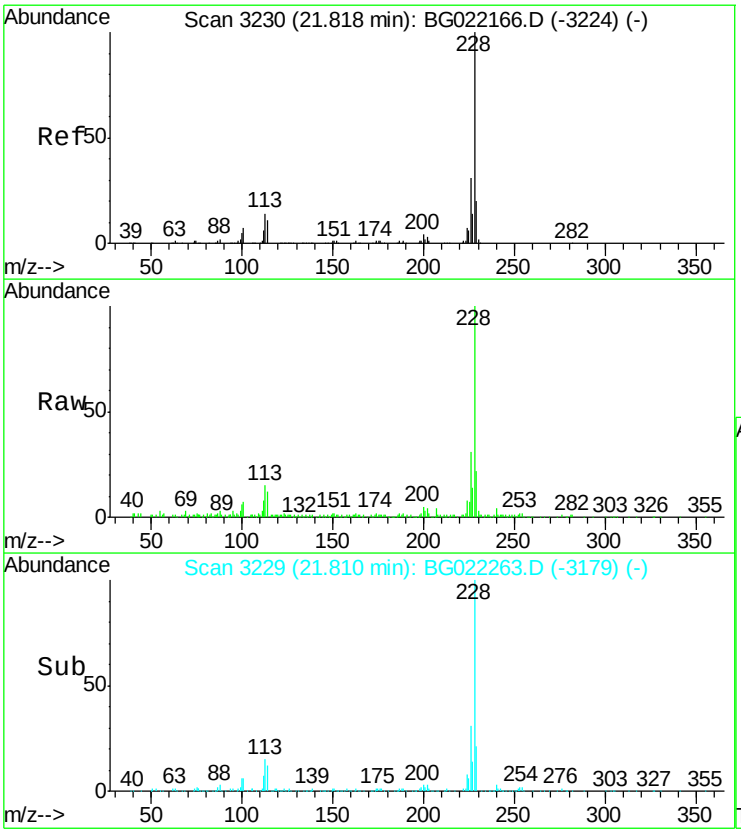
#80
Benzo(a)anthracene
Concen: 12.55 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:228 Resp: 144639

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	22.0	16.1	24.1

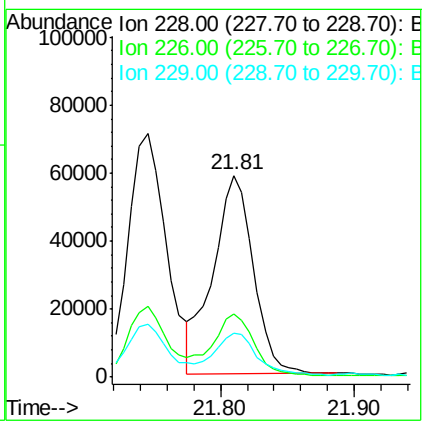


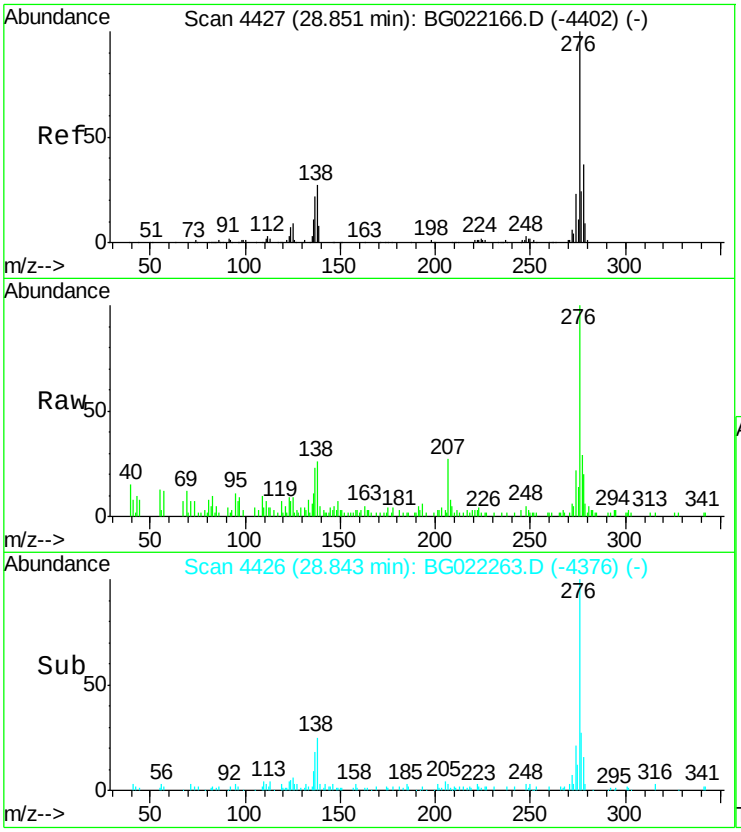


#82
Chrysene
Concen: 11.12 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:228 Resp: 124709

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	21.9	15.9	23.9



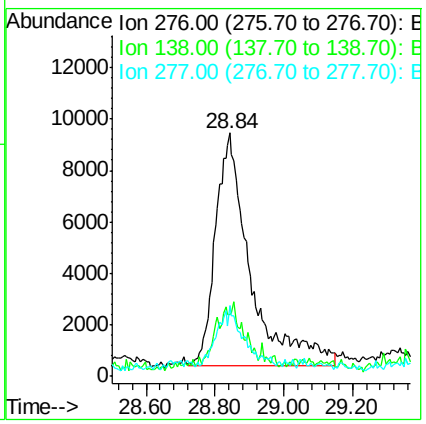


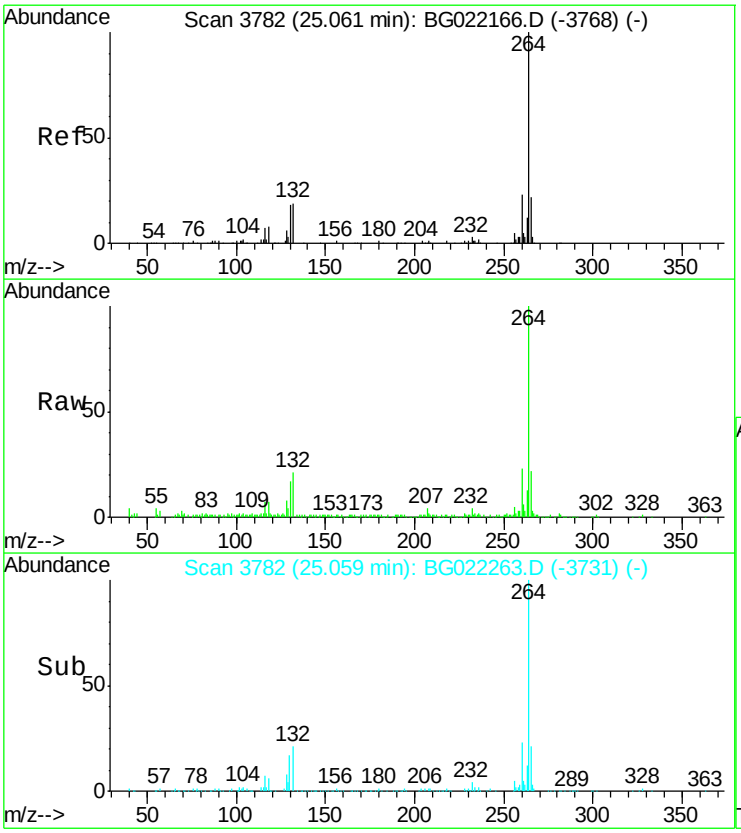
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.08 ng m
RT: 28.84 min Scan# 4426
Delta R.T. -0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:276 Resp: 63924

Ion	Ratio	Lower	Upper
276	100		
138	1.2	14.0	21.0#
277	8.6	20.6	30.8#

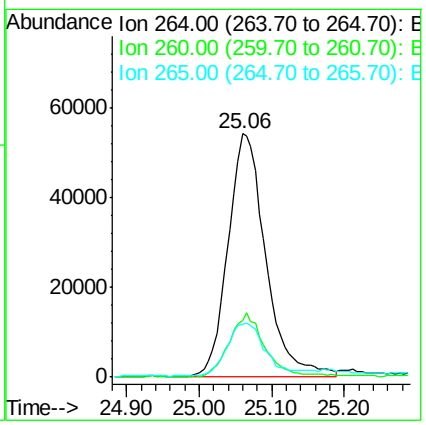


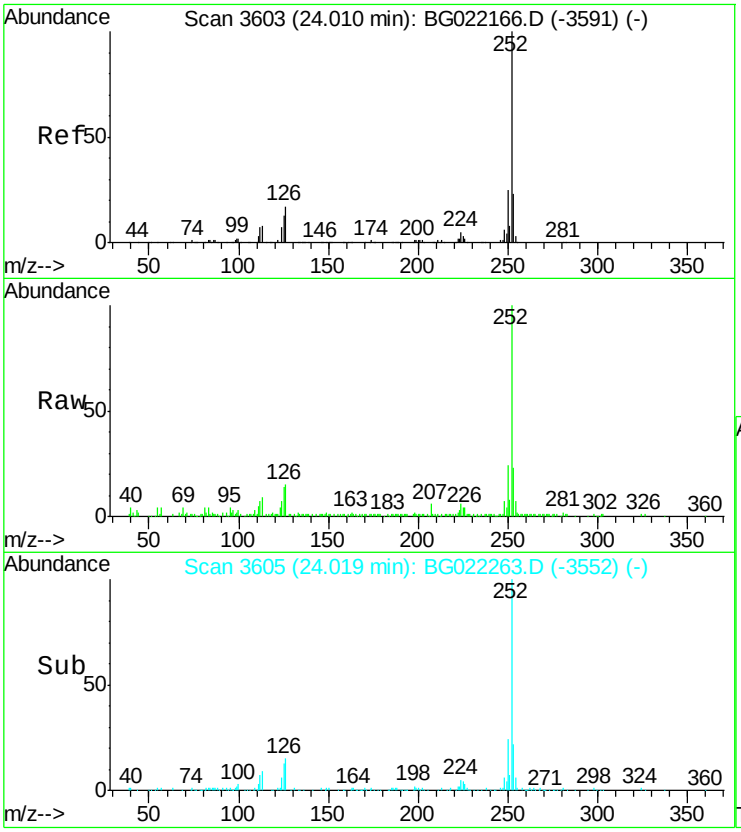


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:264 Resp: 196565

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	21.6	17.8	26.8



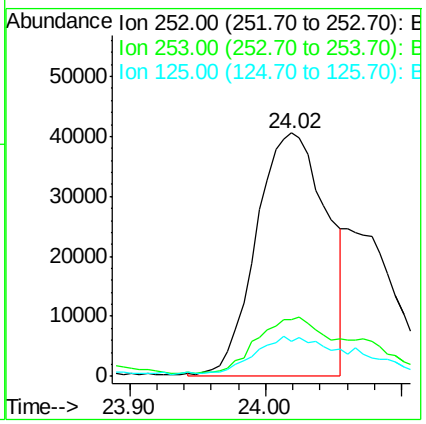


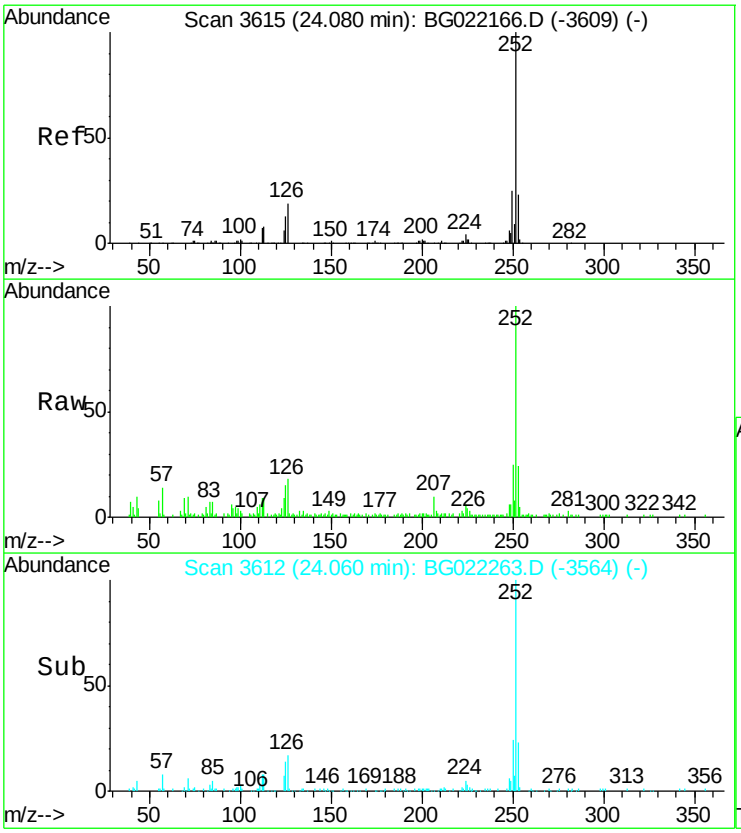
#87
Benzo(b)fluoranthene
Concen: 12.68 ng m
RT: 24.02 min Scan# 3605
Delta R.T. 0.01 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:252 Resp: 145356

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	14.3	8.6	13.0#

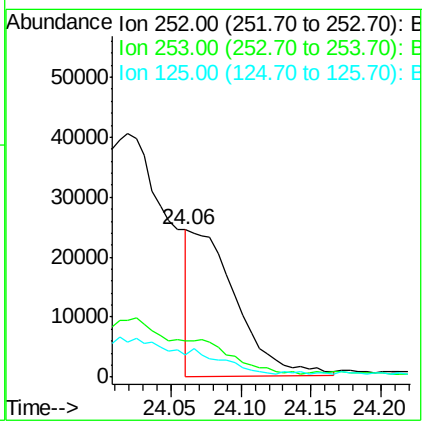


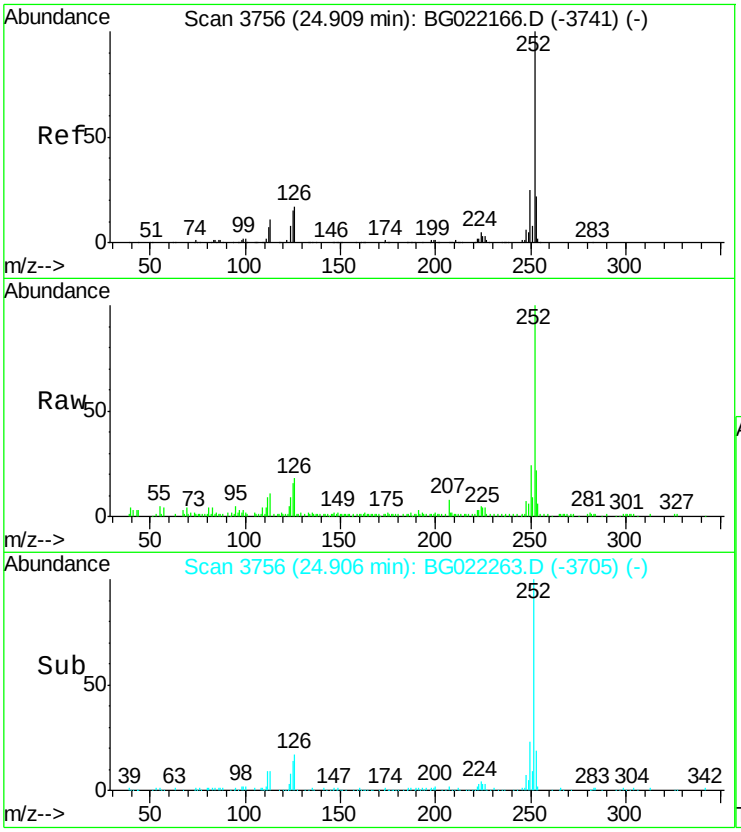


#88
Benzo(k)fluoranthene
Concen: 4.95 ng m
RT: 24.06 min Scan# 3612
Delta R.T. -0.02 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:252 Resp: 55811

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	15.2	8.3	12.5#



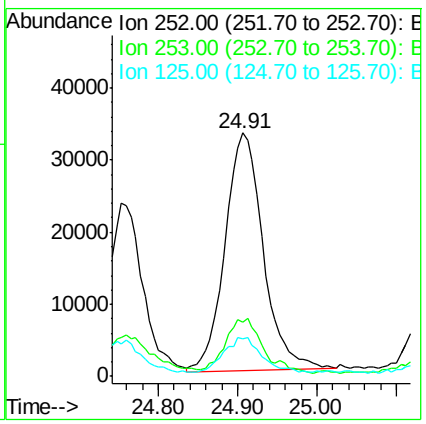


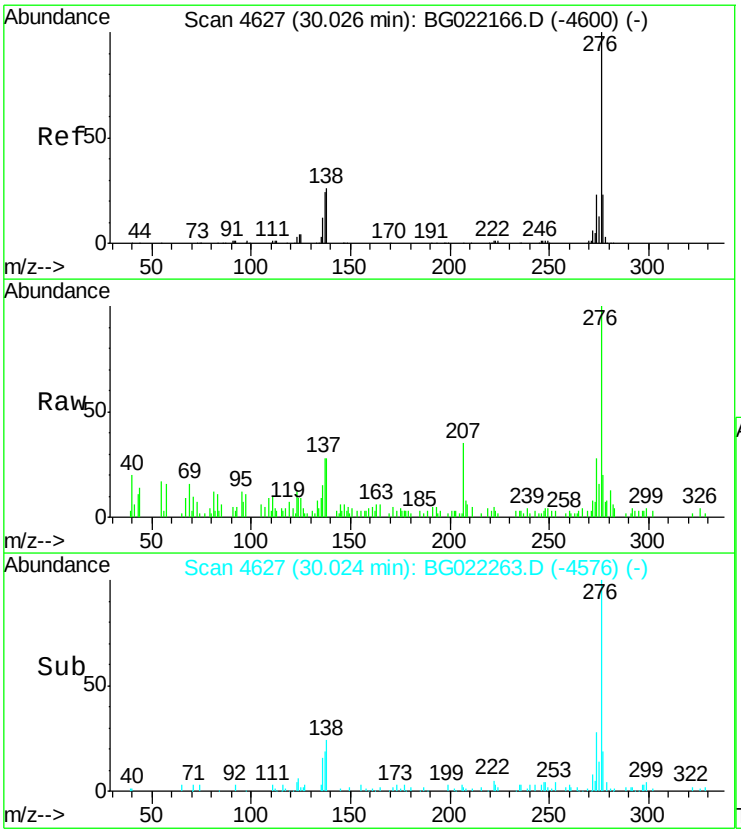
#89
Benzo(a)pyrene
Concen: 10.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Instrument :
BNA_G
ClientSampleId :
SS-44

Tgt Ion:252 Resp: 109626

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	15.6	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 5.62 ng m
RT: 30.02 min Scan# 4627
Delta R.T. -0.00 min
Lab File: BG022263.D
Acq: 9 Jun 2016 11:14

Tgt Ion:276 Resp: 60334

Ion	Ratio	Lower	Upper
276	100		
277	19.9	19.4	29.2
138	28.0	17.4	26.0#