Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
Data File : BG022238.D
Acq On : 8 Jun 2016 16:49
Operator : UM/SJ
Sample : H3402-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-38

Quant Time: Jun 09 06:34:07 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	8.12	152	33362	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	177342	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	109418	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	222252	20.00	ng		0.00
75) Chrysene-d12	21.76	240	208244	20.00	ng		0.00
86) Perylene-d12	25.06	264	198803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	139816	81.03	ng		0.00
7) Phenol-d6	7.27	99	216920	79.96	ng		0.00
23) Nitrobenzene-d5	9.29	82	109821	43.17	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	71744	58.03	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	328587	45.76	ng		0.00
78) Terphenyl-d14	20.08	244	380945	43.43	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.98	128	20526	2.32	ng	#	95
49) Dimethylphthalate	14.19	163	44968	4.96	ng		99
55) 4-Nitrophenol	15.14	139	5321	3.52	ng	#	5
57) Fluorene	15.79	166	18163	2.04	ng		97
70) Phenanthrene	17.53	178	237414	19.67	ng		99
71) Anthracene	17.62	178	52157	4.36	ng		97
74) Fluoranthene	19.54	202	301932	21.76	ng		98
77) Pyrene	19.89	202	273318	21.11	ng		98
80) Benzo(a)anthracene	21.74	228	125963	10.79	ng		97
82) Chrysene	21.81	228	106785	9.40	ng		96
85) Indeno(1,2,3-cd)pyrene	28.82	276	62078	4.87	ng	#	88
87) Benzo(b)fluoranthene	24.01	252	186123	16.05	ng	#	95
88) Benzo(k)fluoranthene	24.01	252	186123	16.31	ng	#	95
89) Benzo(a)pyrene	24.90	252	98109	8.85	ng	#	93
91) Benzo(g,h,i)perylene	30.00	276	66658	6.14	ng		96

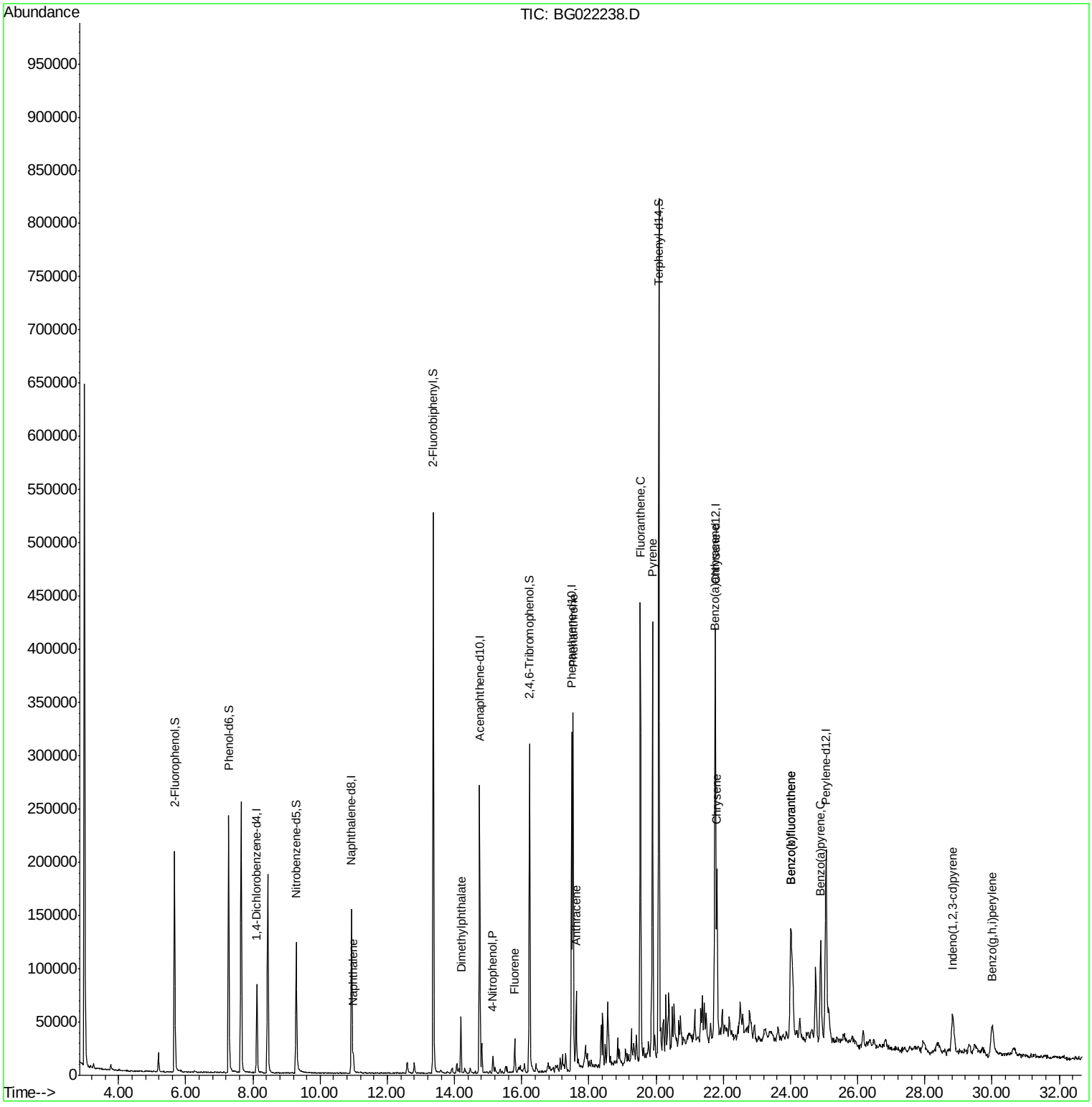
(#) = qualifier out of range (m) = manual integration (+) = signals summed

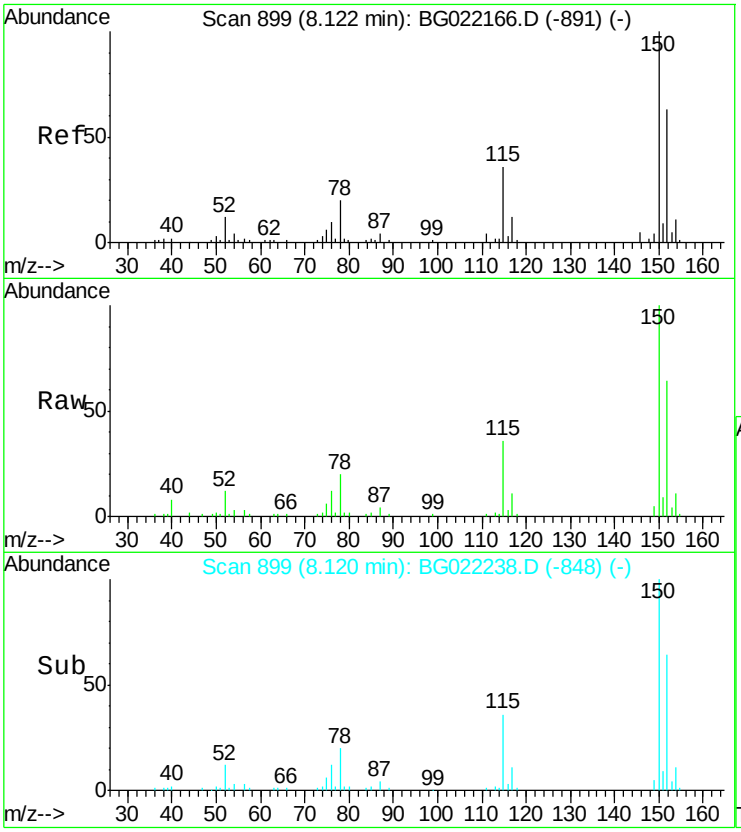
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
Data File : BG022238.D
Acq On : 8 Jun 2016 16:49
Operator : UM/SJ
Sample : H3402-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-38

Quant Time: Jun 09 06:34:07 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



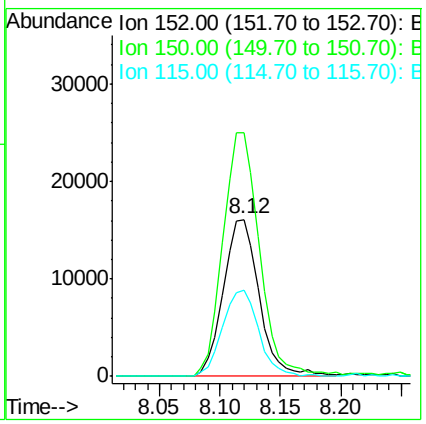


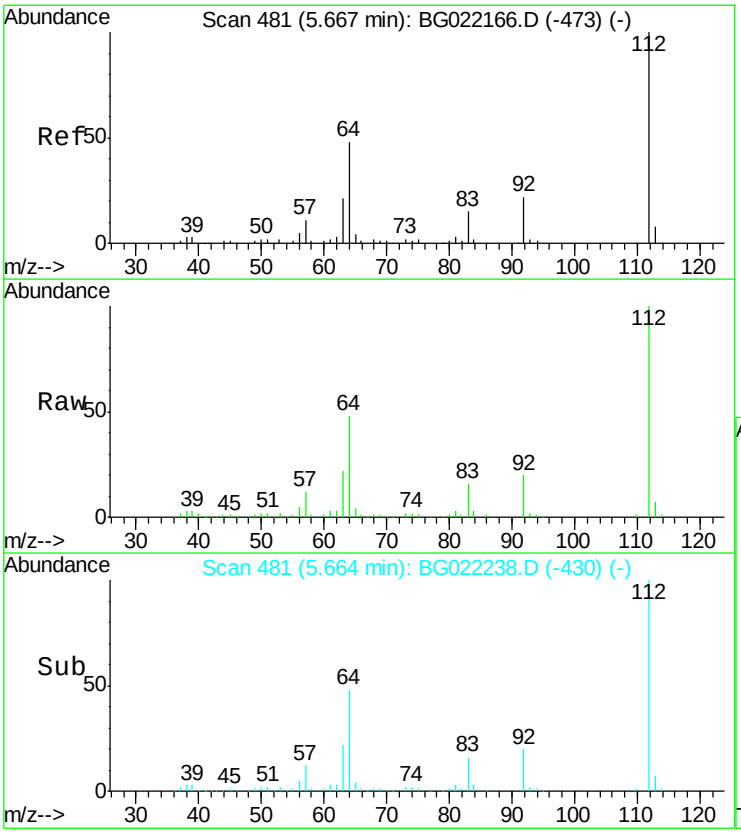
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:152 Resp: 33362

Ion	Ratio	Lower	Upper
152	100		
150	155.0	130.1	195.1
115	55.3	62.2	93.2#

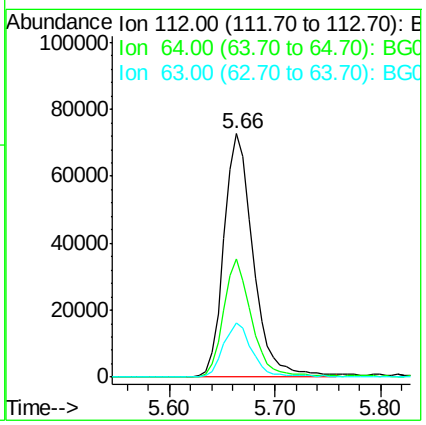


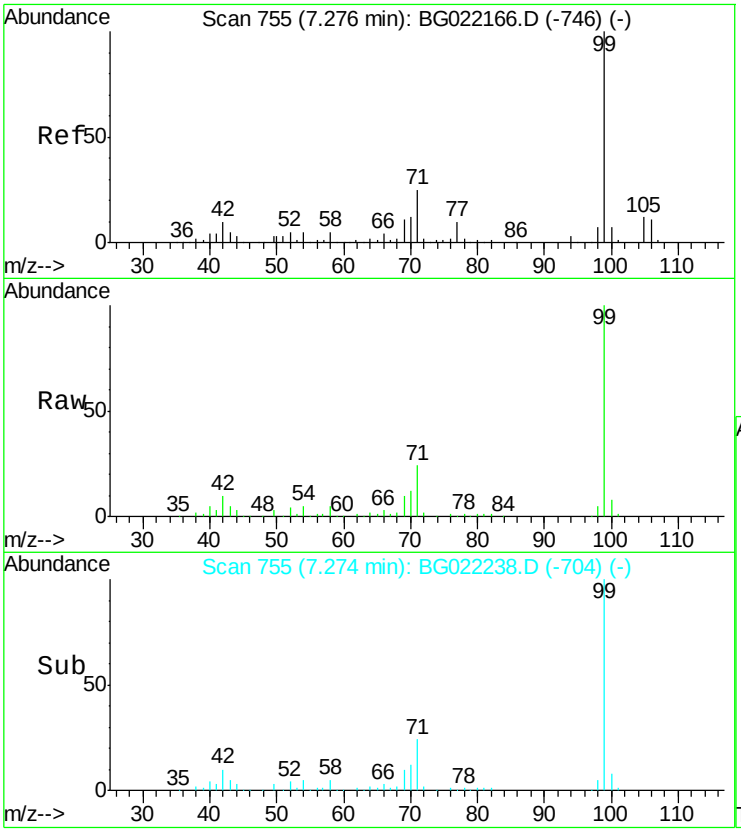


#5
2-Fluorophenol
Concen: 81.03 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:112 Resp: 139816

Ion	Ratio	Lower	Upper
112	100		
64	48.4	51.1	76.7#
63	22.2	24.6	37.0#



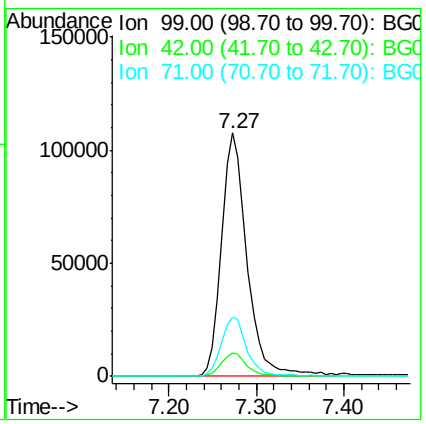


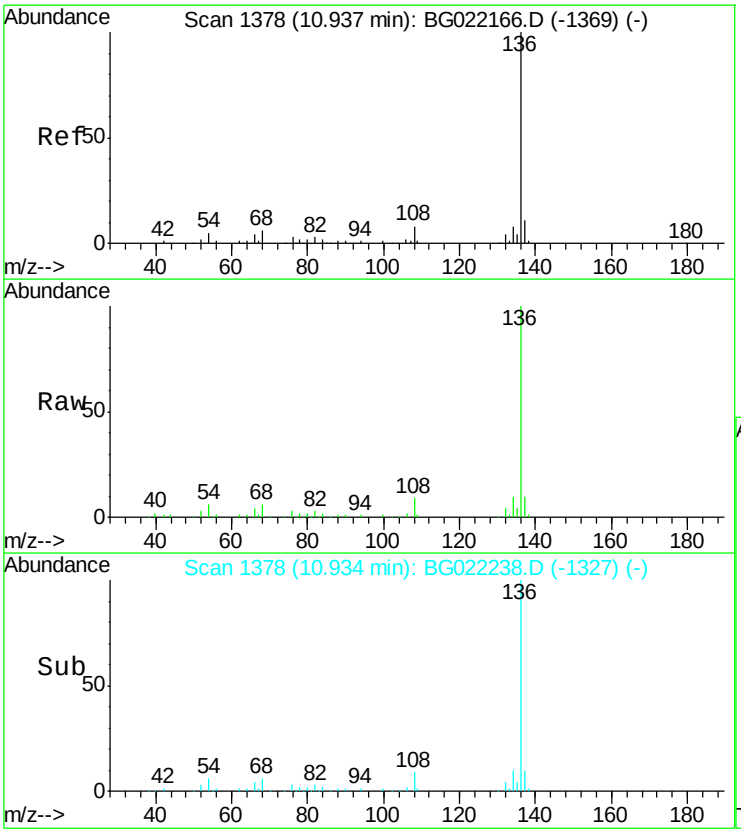
#7
Phenol-d6
Concen: 79.96 ng
RT: 7.27 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion: 99 Resp: 216920

Ion	Ratio	Lower	Upper
99	100		
42	9.6	16.4	24.6#
71	24.3	25.0	37.4#

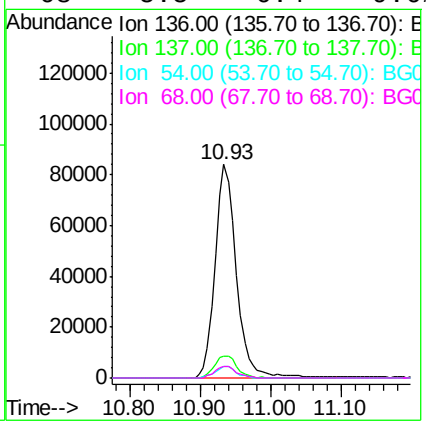


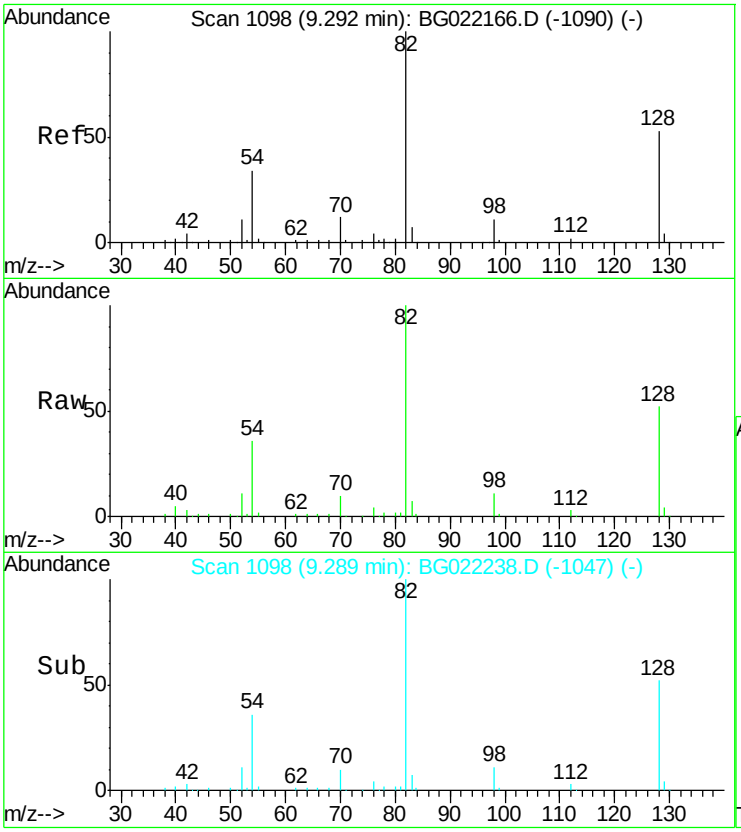


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:136 Resp: 177342

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.6	9.6	14.4#
68	5.5	6.4	9.6#



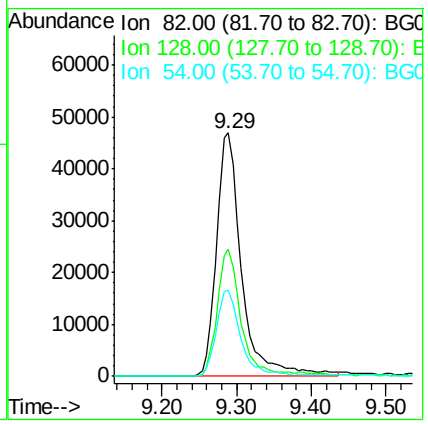


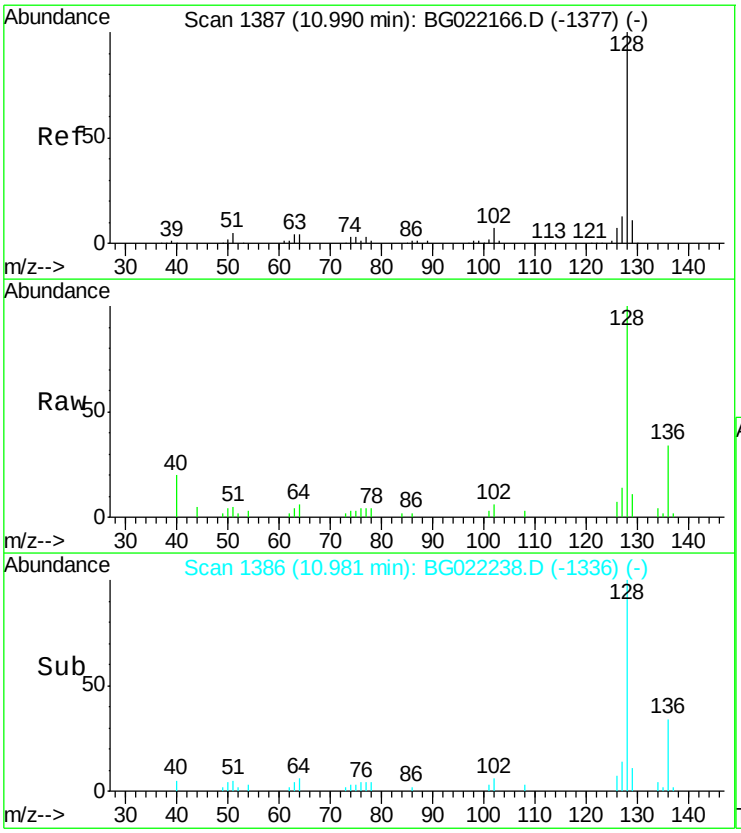
#23
Nitrobenzene-d5
Concen: 43.17 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion: 82 Resp: 109821

Ion	Ratio	Lower	Upper
82	100		
128	52.0	33.4	50.0#
54	35.6	46.1	69.1#

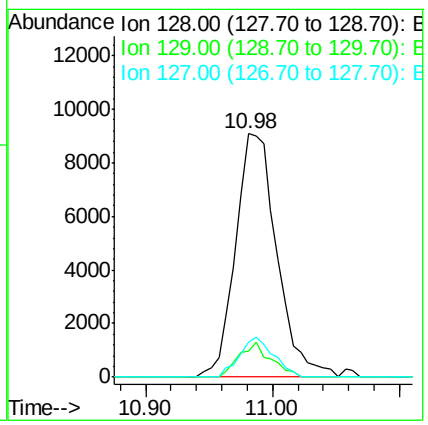


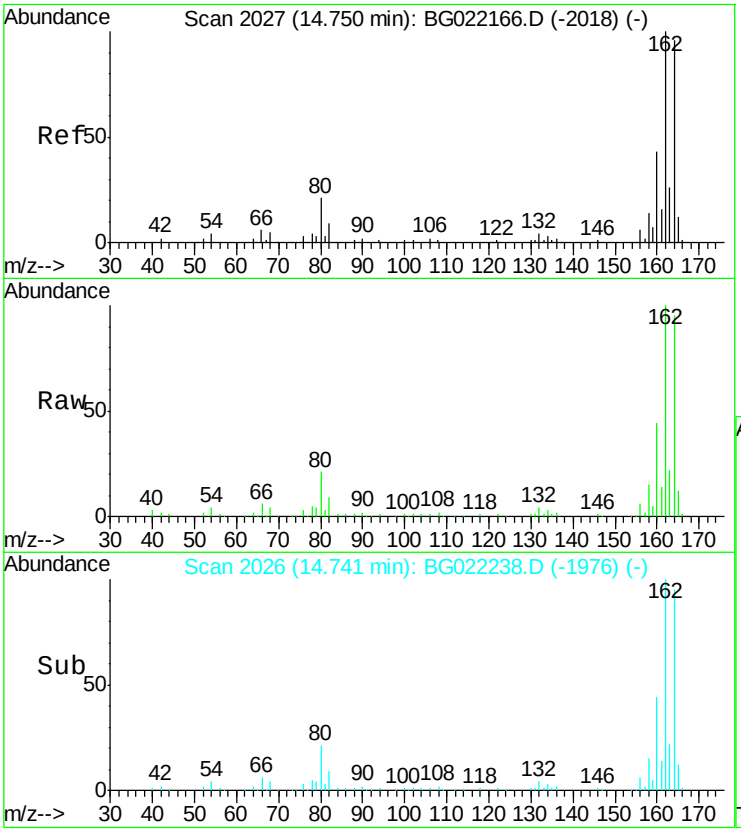


#31
Naphthalene
Concen: 2.32 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:128 Resp: 20526

Ion	Ratio	Lower	Upper
128	100		
129	10.6	7.0	10.6#
127	14.4	10.1	15.1



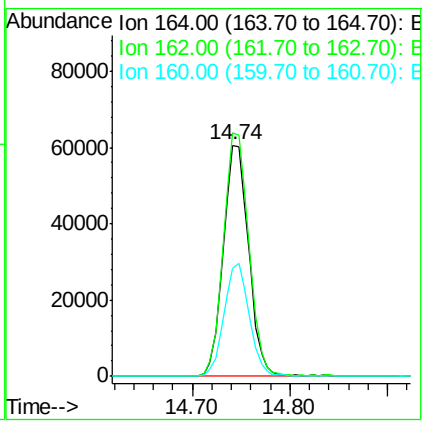


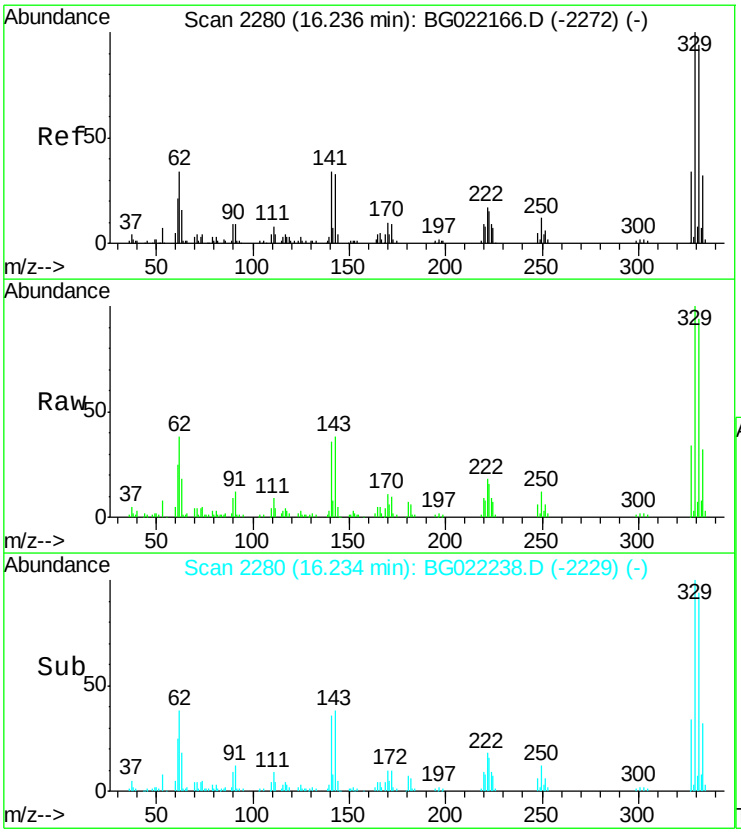
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:164 Resp: 109418

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.0	117.0
160	46.4	32.9	49.3

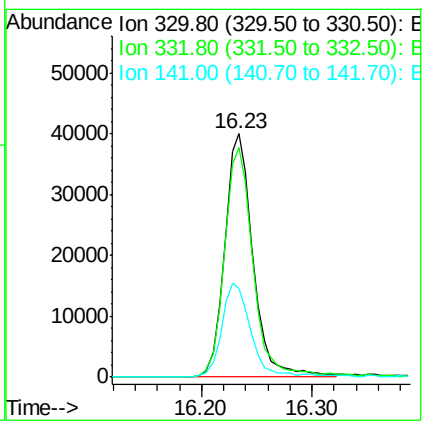


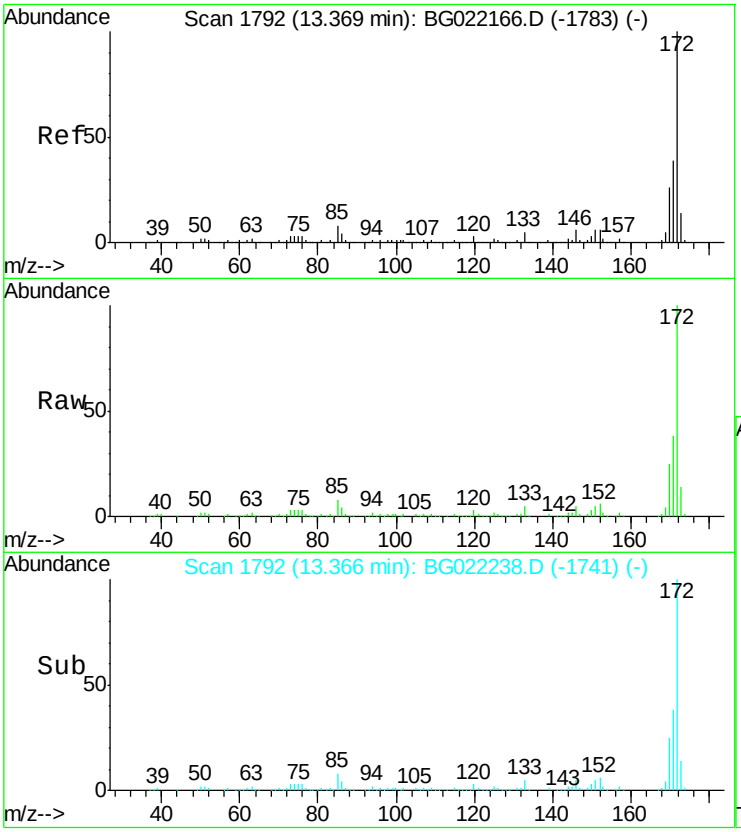


#41
2,4,6-Tribromophenol
Concen: 58.03 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:330 Resp: 71744

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.0	117.0
141	40.2	33.8	50.8



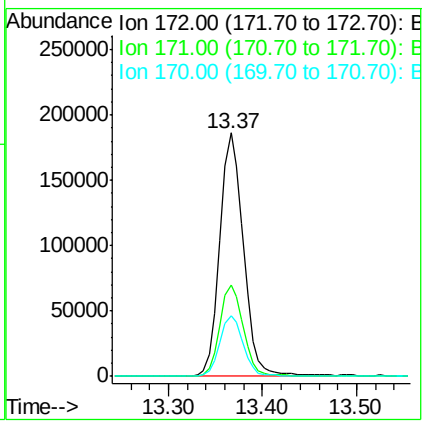


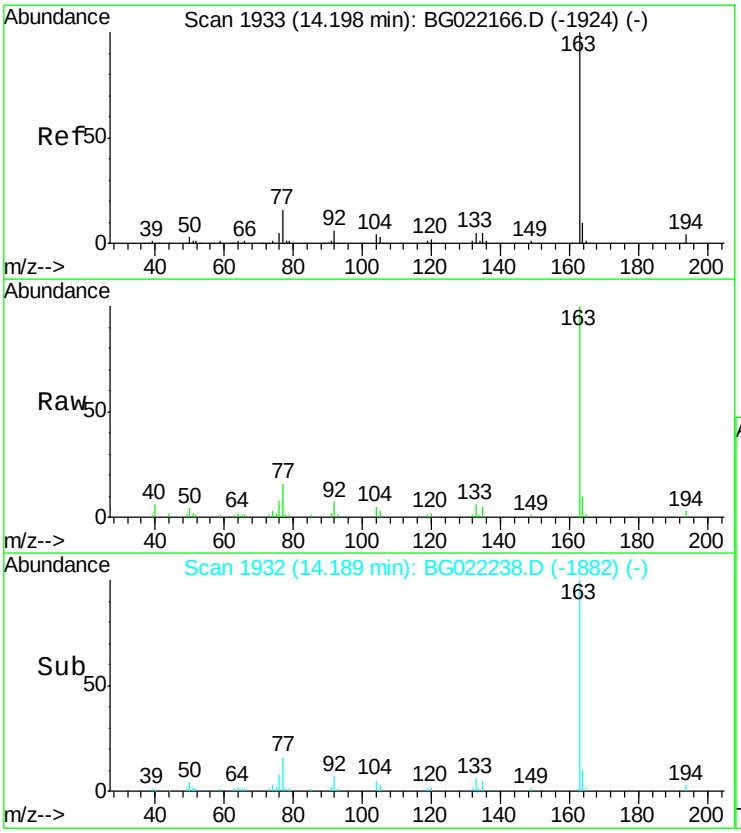
#44
2-Fluorobiphenyl
Concen: 45.76 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:172 Resp: 328587

Ion	Ratio	Lower	Upper
172	100		
171	37.6	27.8	41.6
170	24.8	19.6	29.4

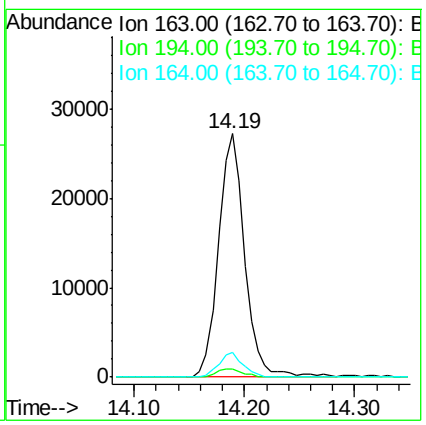


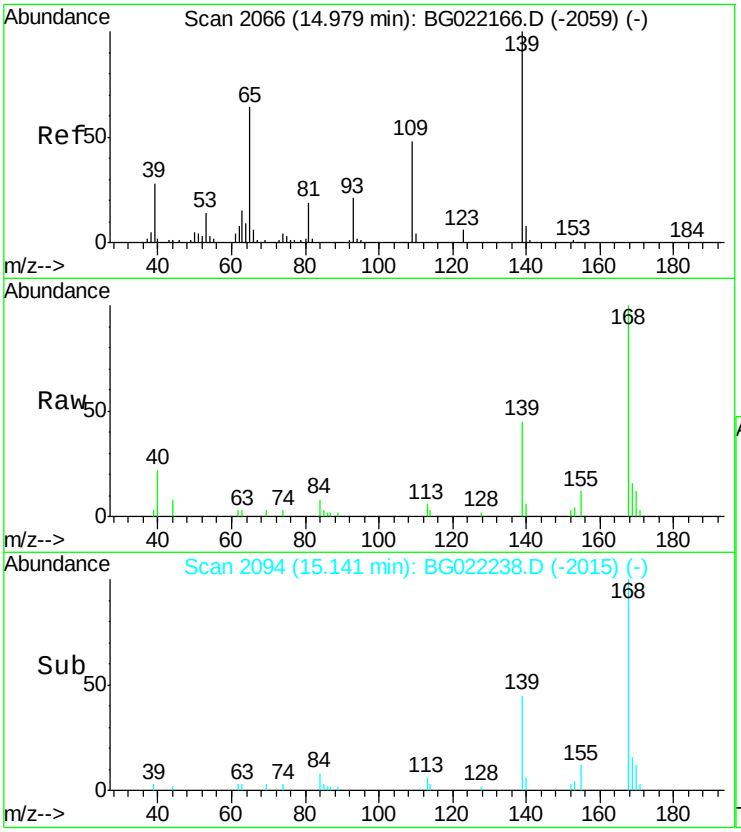


#49
Dimethylphthalate
Concen: 4.96 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:163 Resp: 44968

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	10.2	8.1	12.1



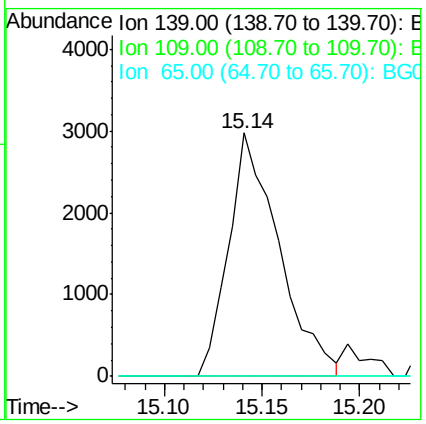


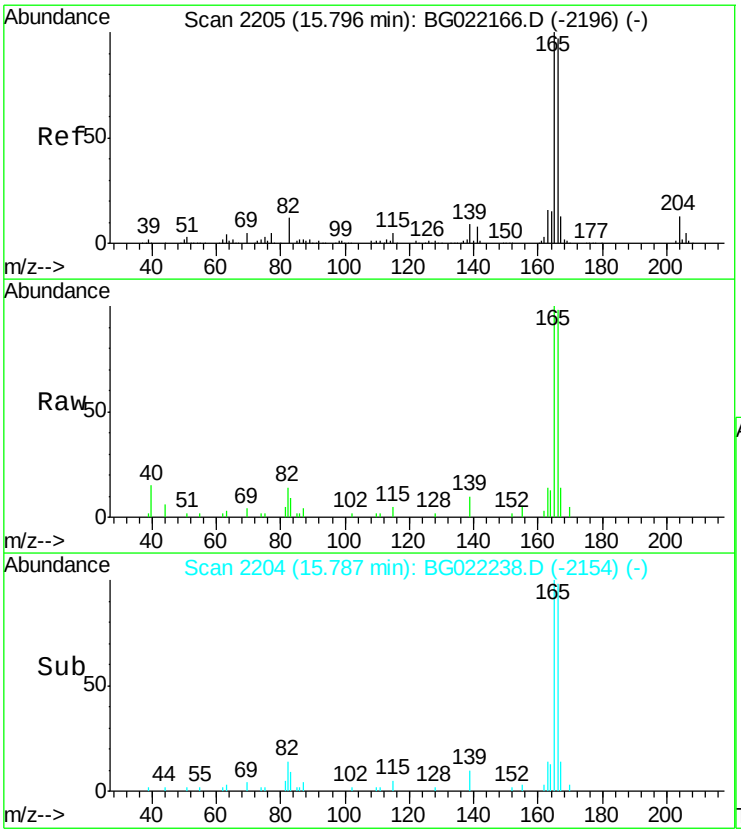
#55
4-Nitrophenol
Concen: 3.52 ng
RT: 15.14 min Scan# 2094
Delta R.T. 0.16 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:139 Resp: 5321

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

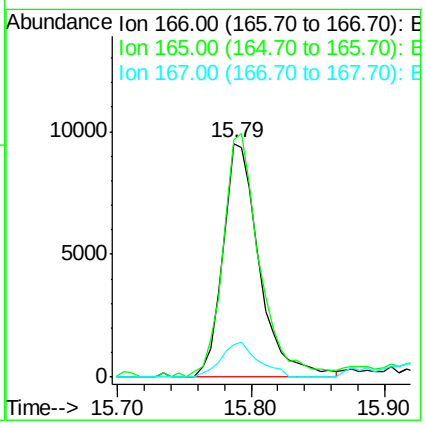


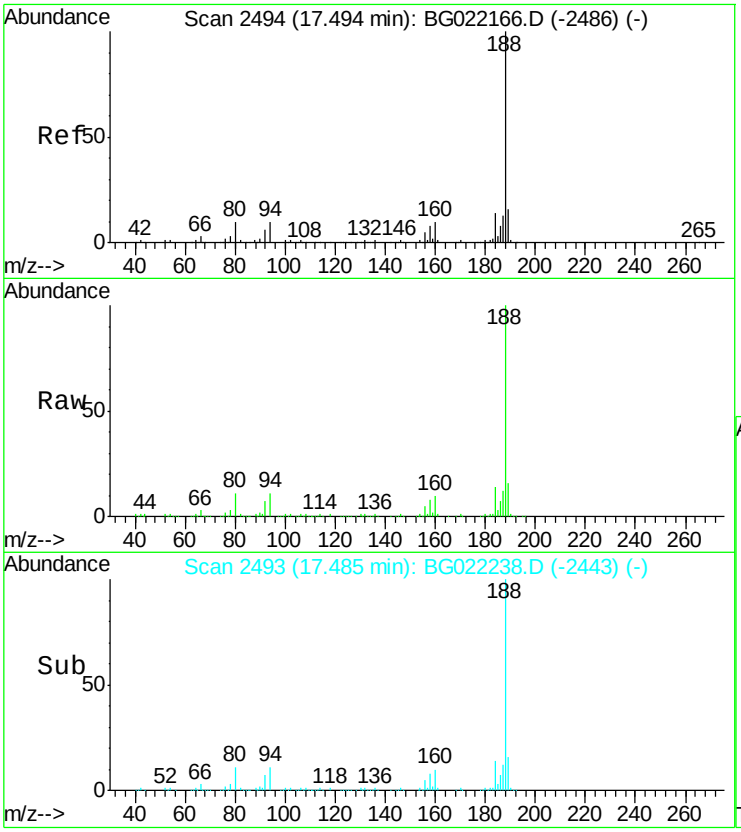


#57
Fluorene
Concen: 2.04 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:166 Resp: 18163

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.0	118.4
167	14.1	10.7	16.1



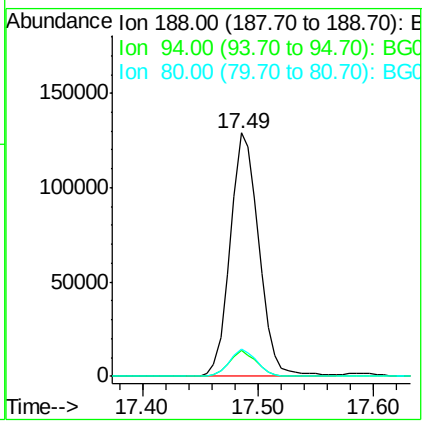


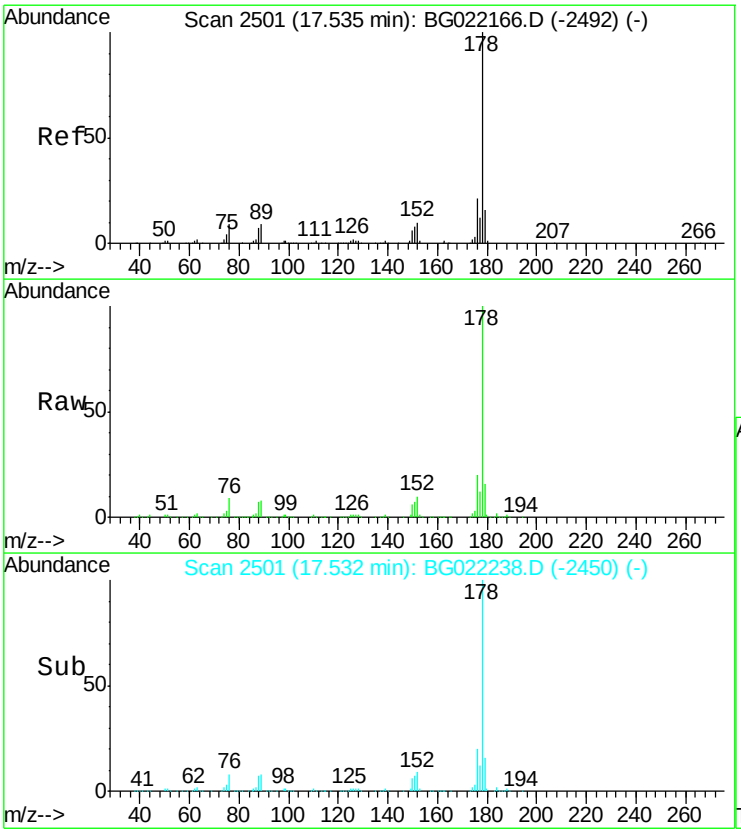
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:188 Resp: 222252

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.5	11.3
80	11.0	8.6	13.0

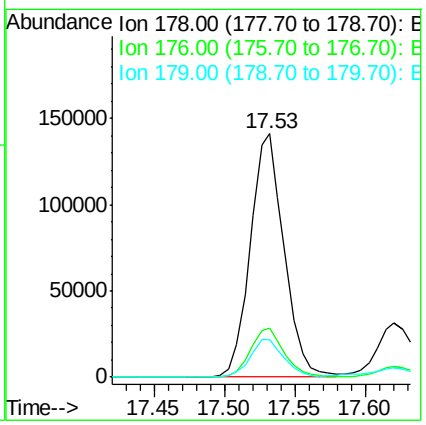


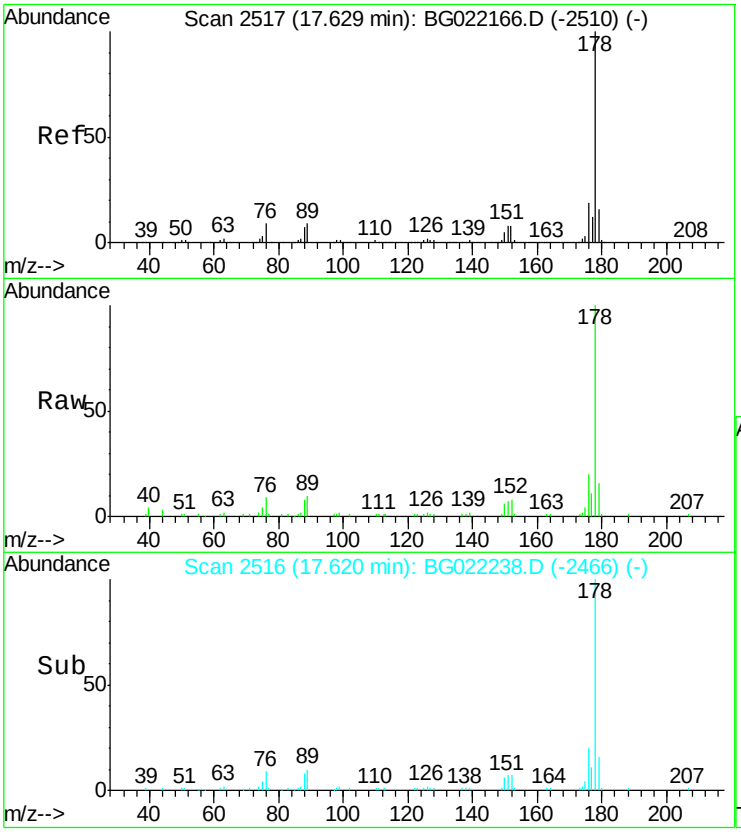


#70
Phenanthrene
Concen: 19.67 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:178 Resp: 237414

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.6	12.0	18.0



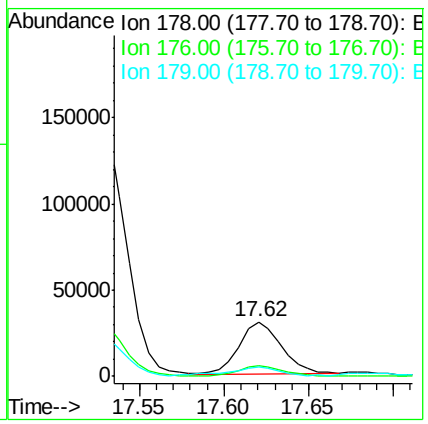


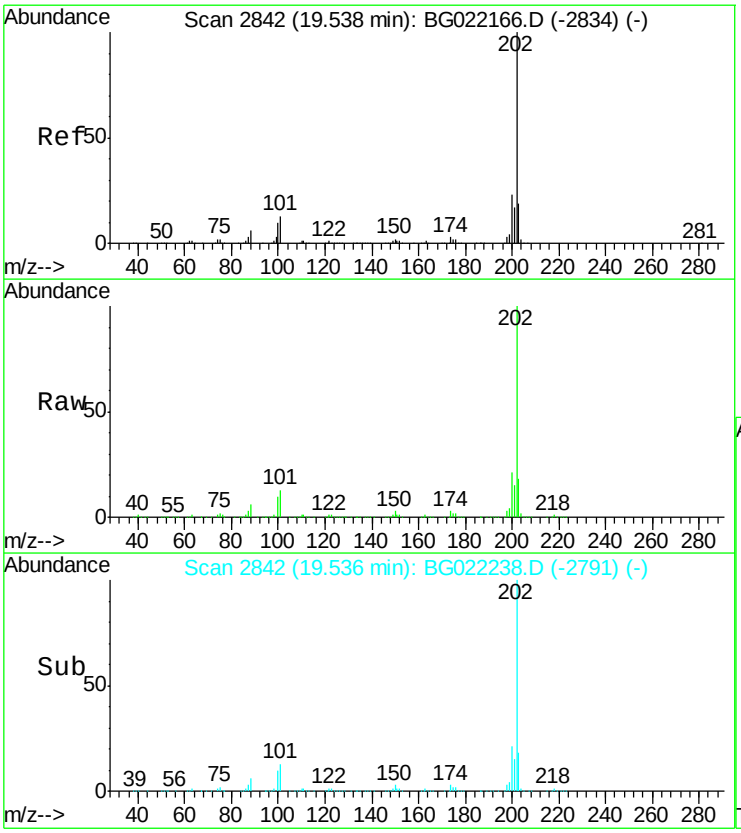
#71
Anthracene
Concen: 4.36 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:178 Resp: 52157

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	16.0	12.2	18.4

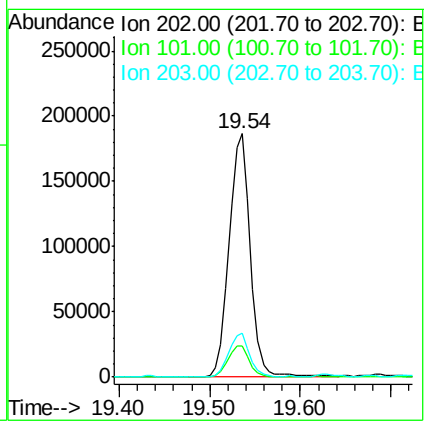


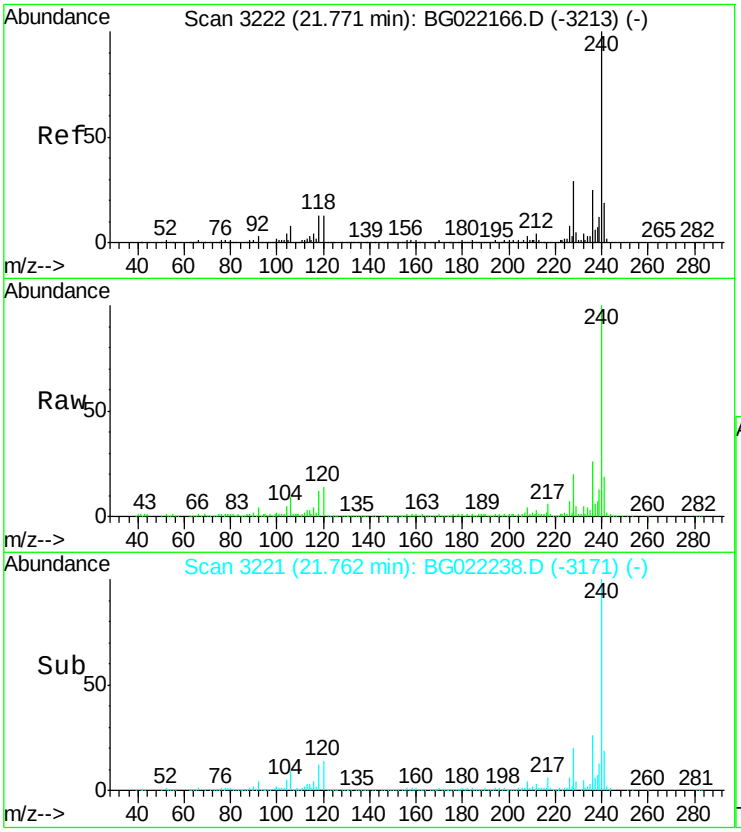


#74
Fluoranthene
Concen: 21.76 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:202 Resp: 301932

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.0
203	18.1	0.0	37.9



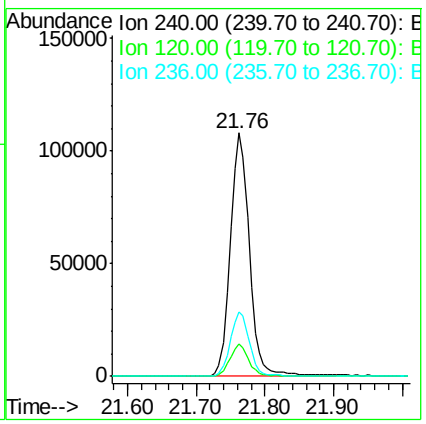


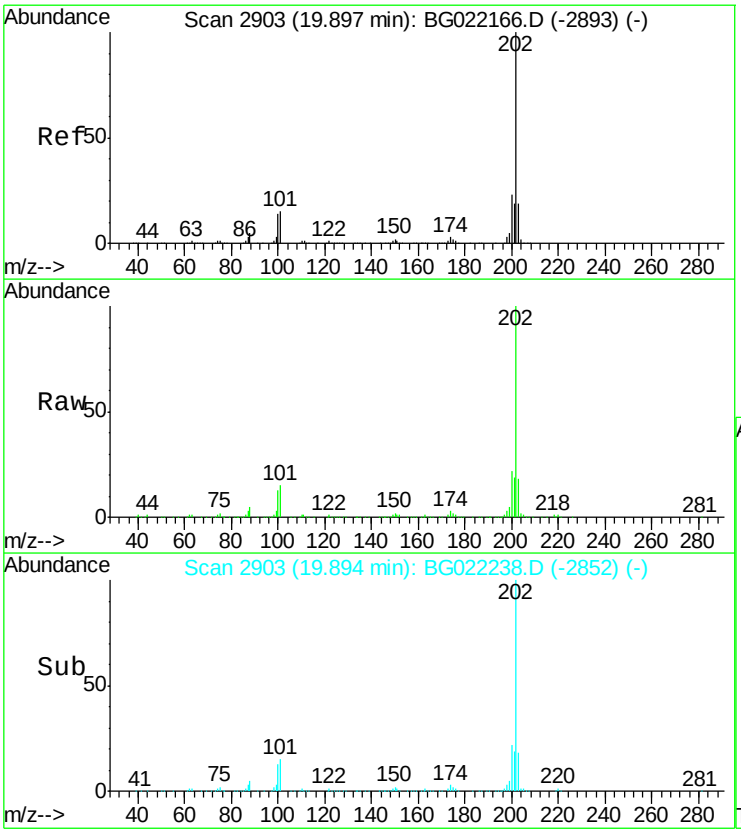
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:240 Resp: 208244

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.4	12.6#
236	26.4	19.6	29.4

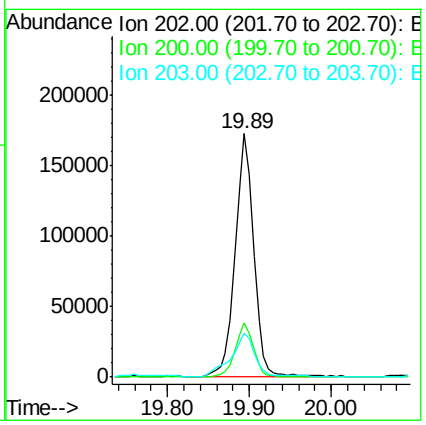


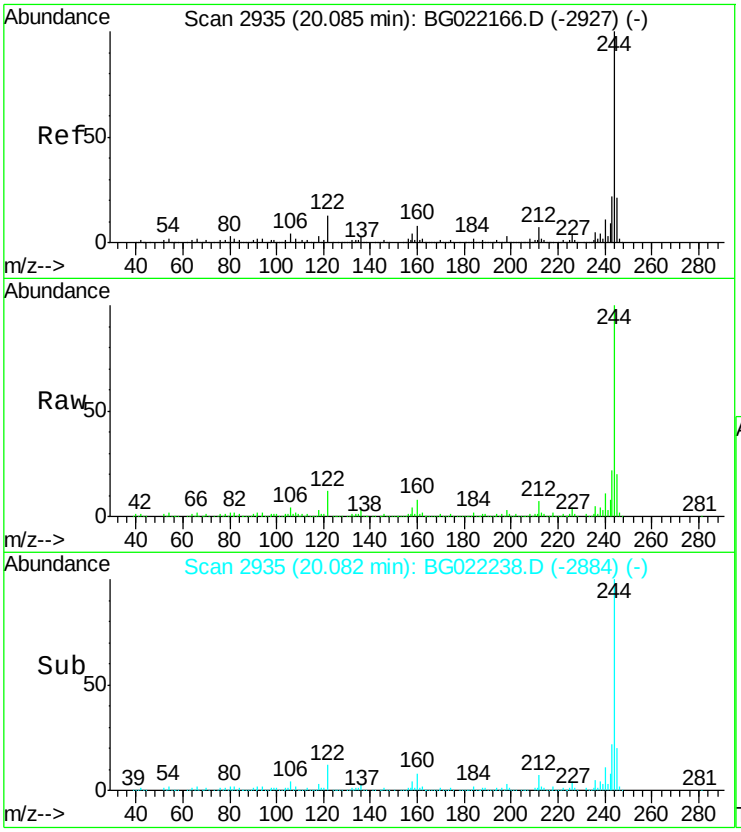


#77
Pyrene
Concen: 21.11 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:202 Resp: 273318

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	17.8	15.0	22.4



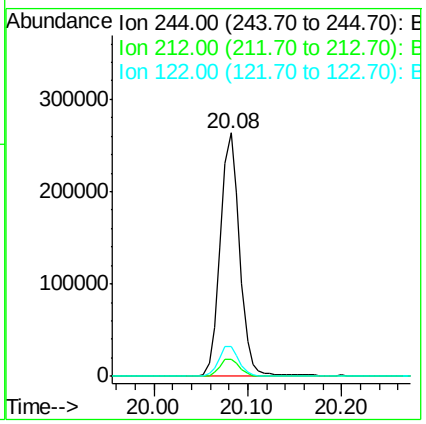


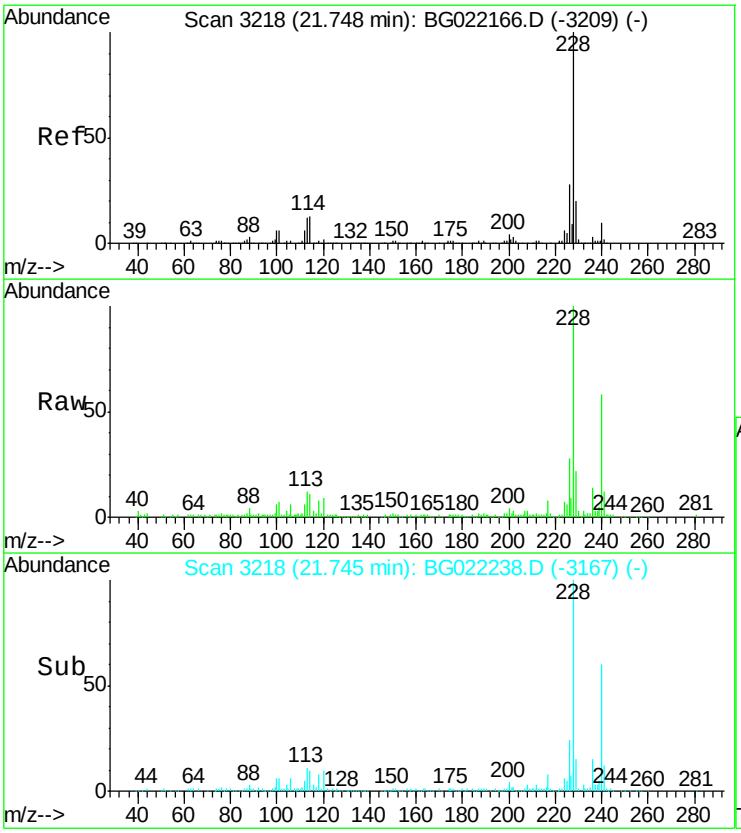
#78
Terphenyl-d14
Concen: 43.43 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:244 Resp: 380945

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	12.4	8.6	12.8

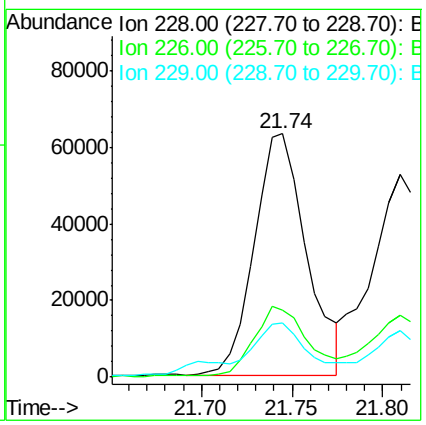


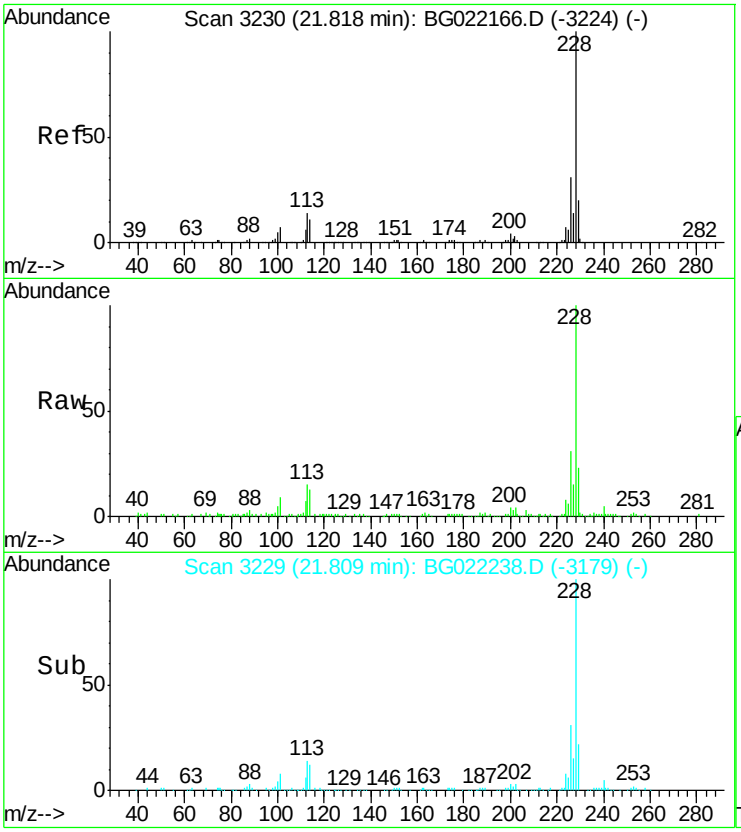


#80
Benzo(a)anthracene
Concen: 10.79 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:228 Resp: 125963

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	22.4	16.1	24.1



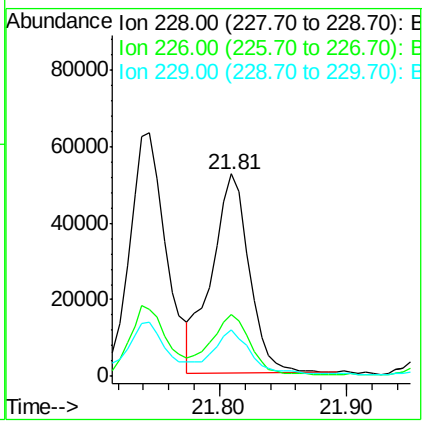


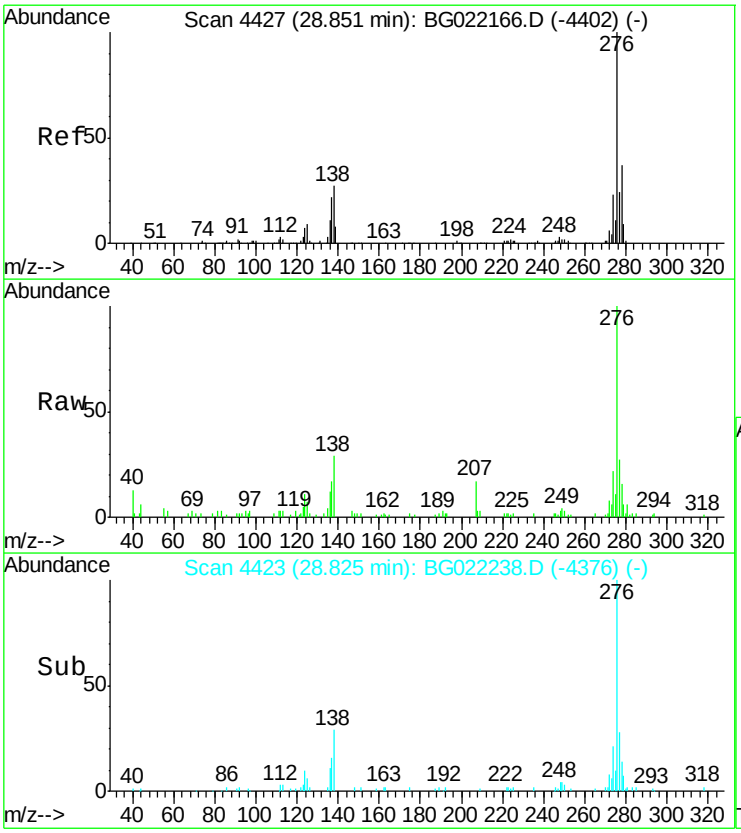
#82
Chrysene
Concen: 9.40 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:228 Resp: 106785

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	22.9	15.9	23.9

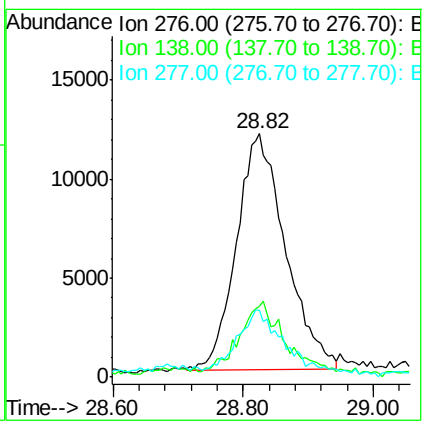


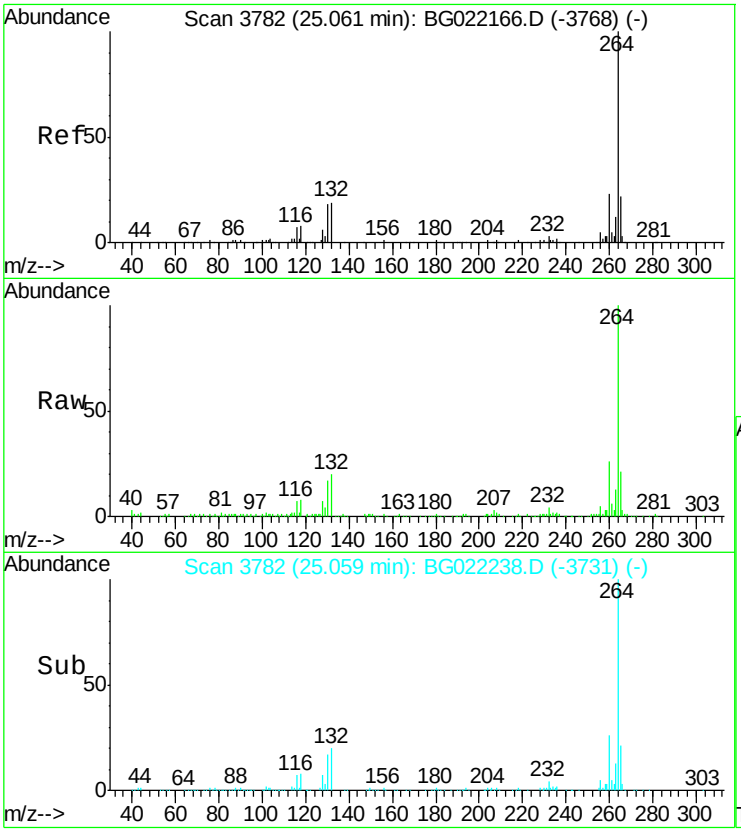


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.87 ng
RT: 28.82 min Scan# 4423
Delta R.T. -0.03 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:276 Resp: 62078

Ion	Ratio	Lower	Upper
276	100		
138	28.1	14.0	21.0#
277	24.3	20.6	30.8



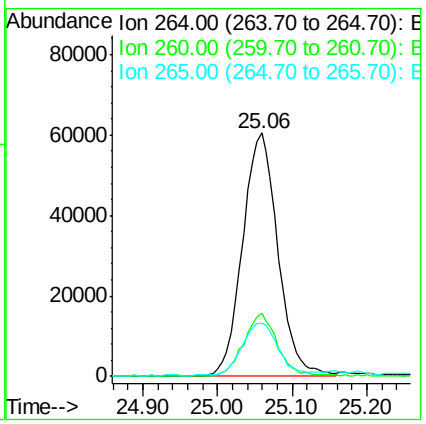


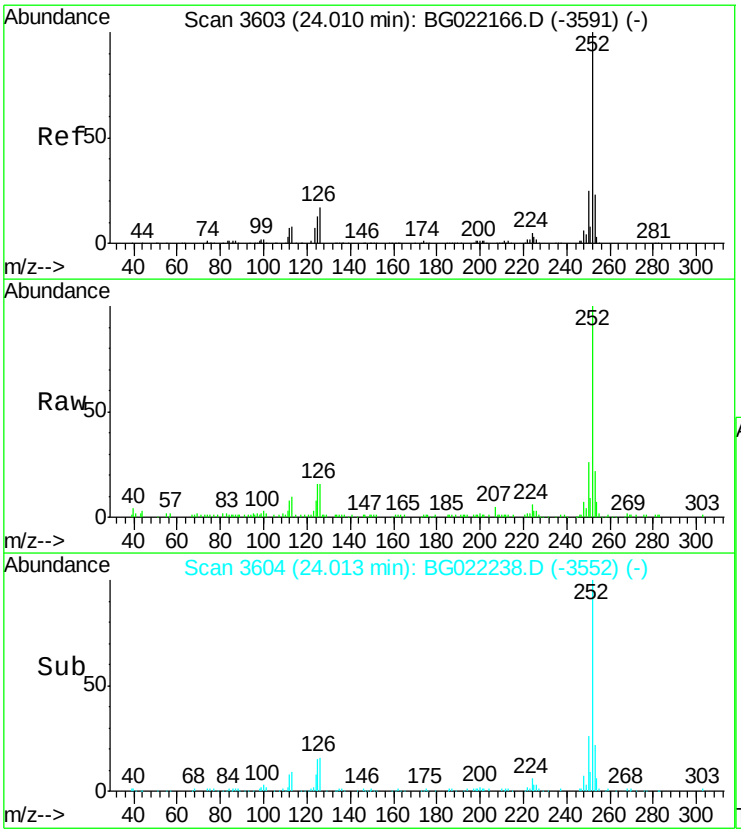
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:264 Resp: 198803

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.4
265	21.5	17.8	26.8

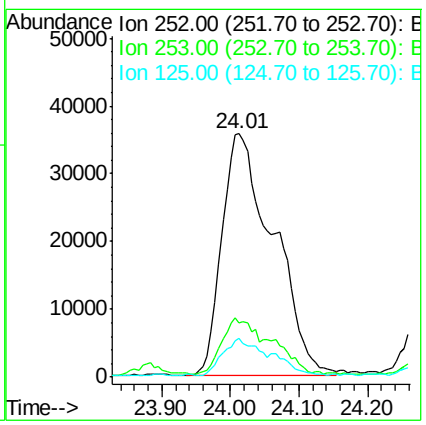


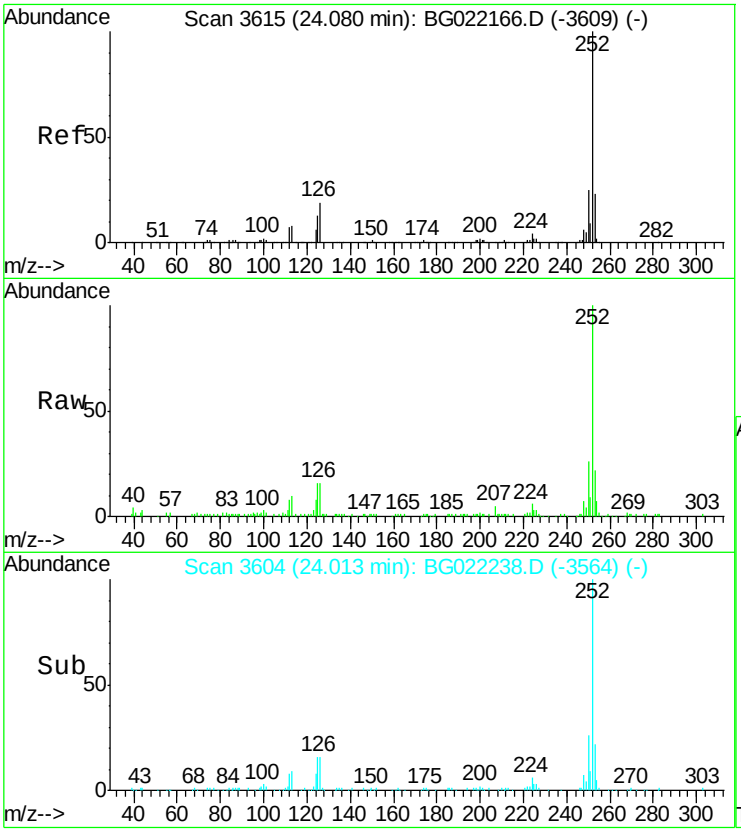


#87
Benzo(b)fluoranthene
Concen: 16.05 ng
RT: 24.01 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:252 Resp: 186123

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	16.0	8.6	13.0#



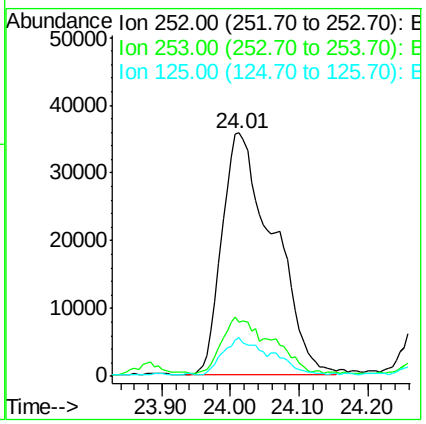


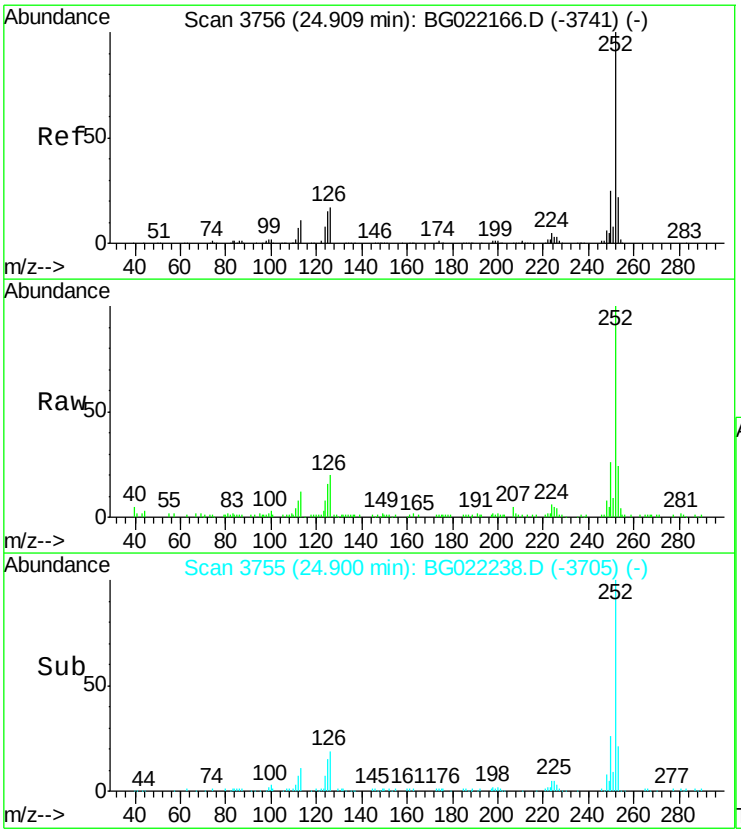
#88
Benzo(k)fluoranthene
Concen: 16.31 ng
RT: 24.01 min Scan# 3604
Delta R.T. -0.07 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:252 Resp: 186123

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	16.0	8.3	12.5#

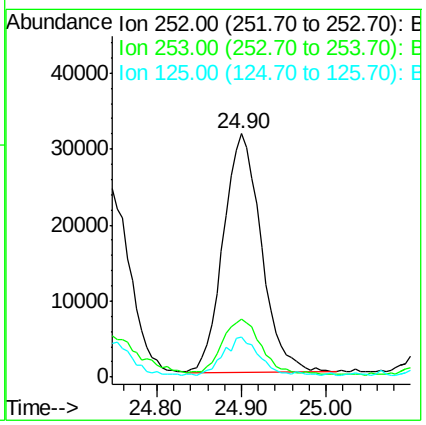


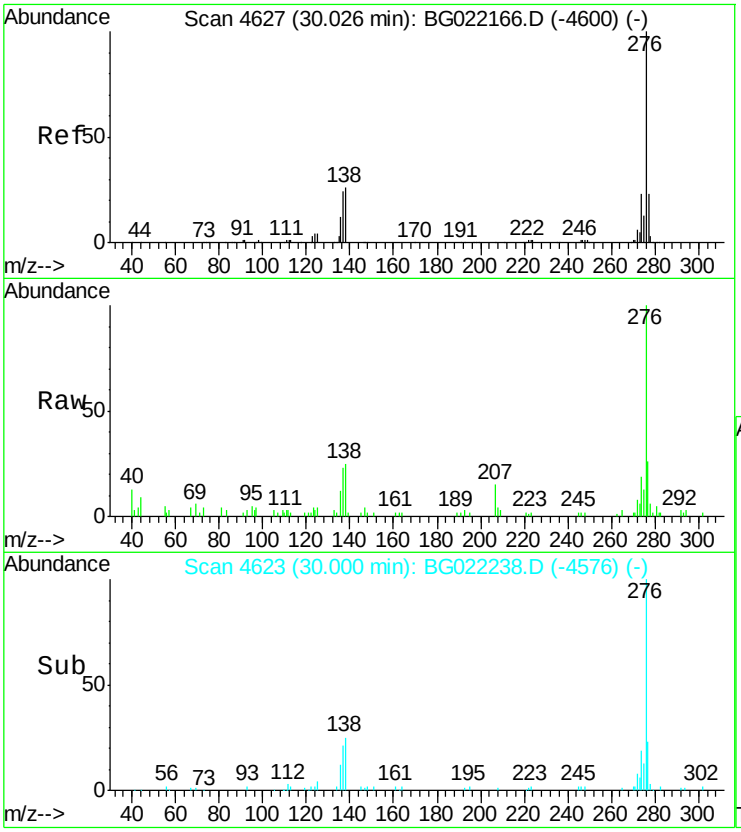


#89
Benzo(a)pyrene
Concen: 8.85 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Tgt Ion:252 Resp: 98109

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	16.3	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 6.14 ng
RT: 30.00 min Scan# 4623
Delta R.T. -0.03 min
Lab File: BG022238.D
Acq: 8 Jun 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SS-38

Tgt Ion:276 Resp: 66658

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.2
138	24.7	17.4	26.0