Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Time: Jul 22 02:25:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 01:57:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	124848	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	520988	20.00	ng		0.00
38) Acenaphthene-d10	14.23	164	310682	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	601748	20.00	ng		0.00
75) Chrysene-d12	21.19	240	642692	20.00	ng		0.00
86) Perylene-d12	23.41	264	673521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	331138	46.27	ng		0.00
7) Phenol-d6	6.76	99	438775	46.80	ng		0.00
23) Nitrobenzene-d5	8.72	82	255717	31.79	ng		0.00
41) 2,4,6-Tribromophenol	15.73	330	167557	53.23	ng		0.00
44) 2-Fluorobiphenyl	12.84	172	615934	34.36	ng		0.00
78) Terphenyl-d14	19.63	244	775079	30.38	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	13.70	163	141105	6.54	ng		99
70) Phenanthrene	17.03	178	450821	14.52	ng		99
71) Anthracene	17.11	178	114399	3.79	ng		99
74) Fluoranthene	19.05	202	879363	25.88	ng		98
77) Pyrene	19.42	202	866265	24.17	ng		98
80) Benzo(a)anthracene	21.17	228	485638	14.31	ng		98
82) Chrysene	21.23	228	456279	14.11	ng		96
85) Indeno(1,2,3-cd)pyrene	25.65	276	304905	7.80	ng	#	91
87) Benzo(b)fluoranthene	22.74	252	643175m	17.45	ng		
88) Benzo(k)fluoranthene	22.78	252	212910m	5.79	ng		
89) Benzo(a)pyrene	23.31	252	471853	13.74	ng		97
90) Dibenzo(a,h)anthracene	25.65	278	79899	2.24	ng	#	71
91) Benzo(g,h,i)perylene	26.33	276	316753	9.23	ng		97

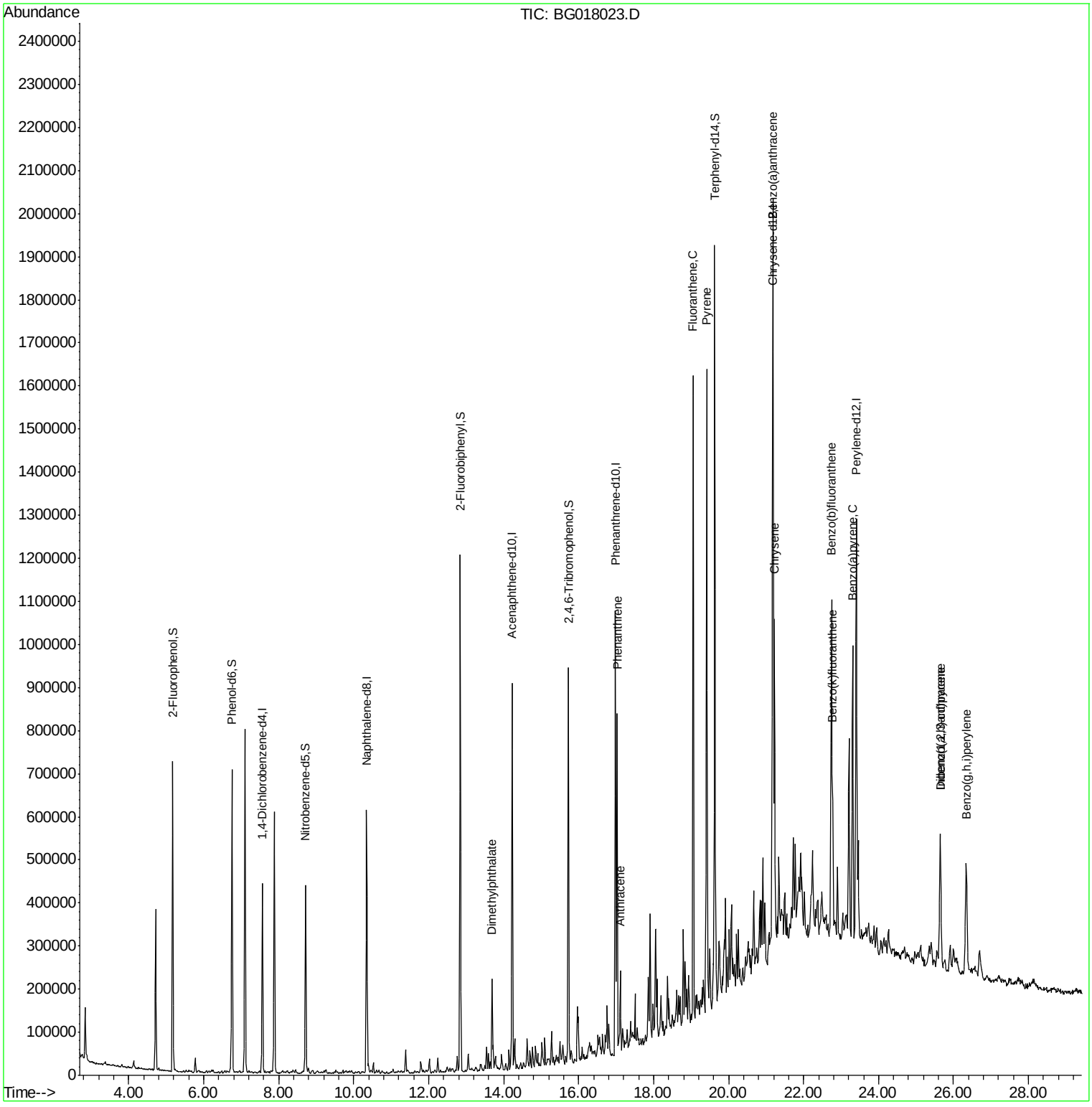
(#) = qualifier out of range (m) = manual integration (+) = signals summed

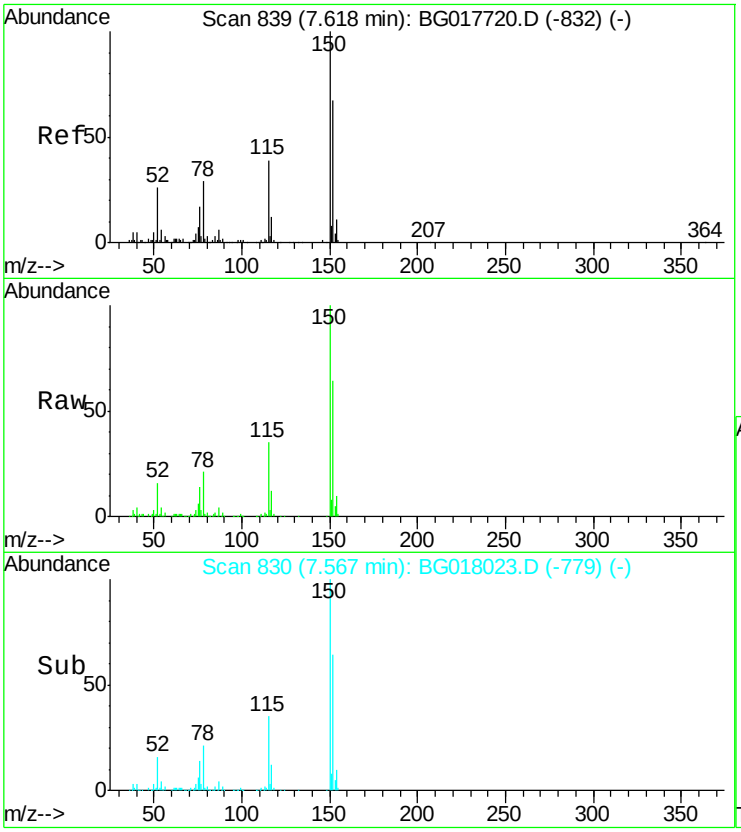
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Quant Time: Jul 22 02:25:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 01:57:03 2015
Response via : Initial Calibration



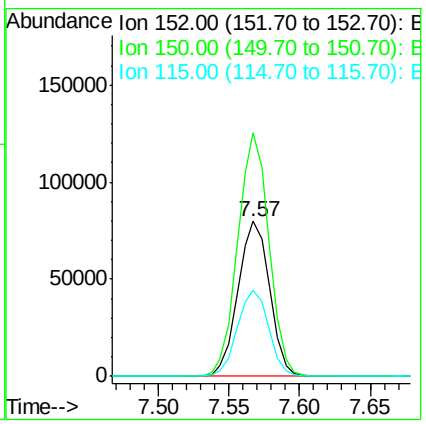


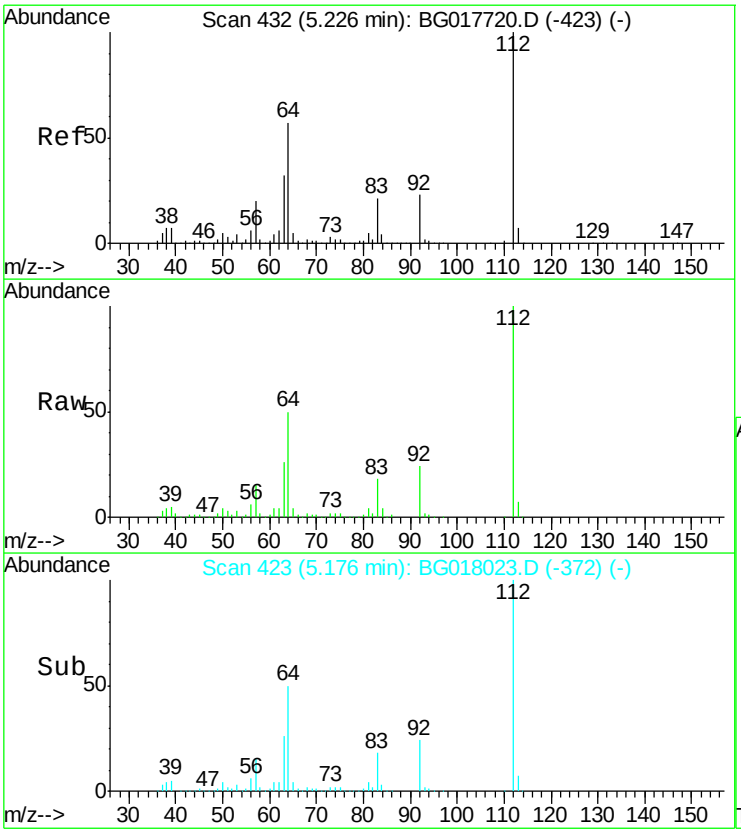
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:152 Resp: 124848

Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.1	178.7
115	55.3	47.0	70.4

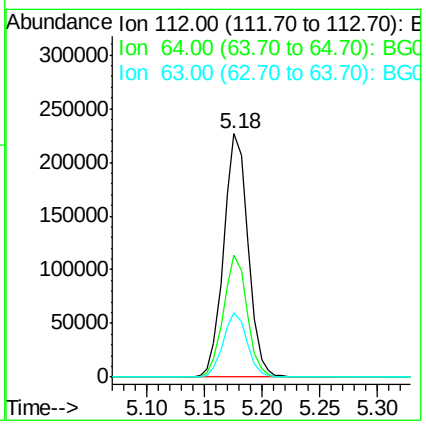


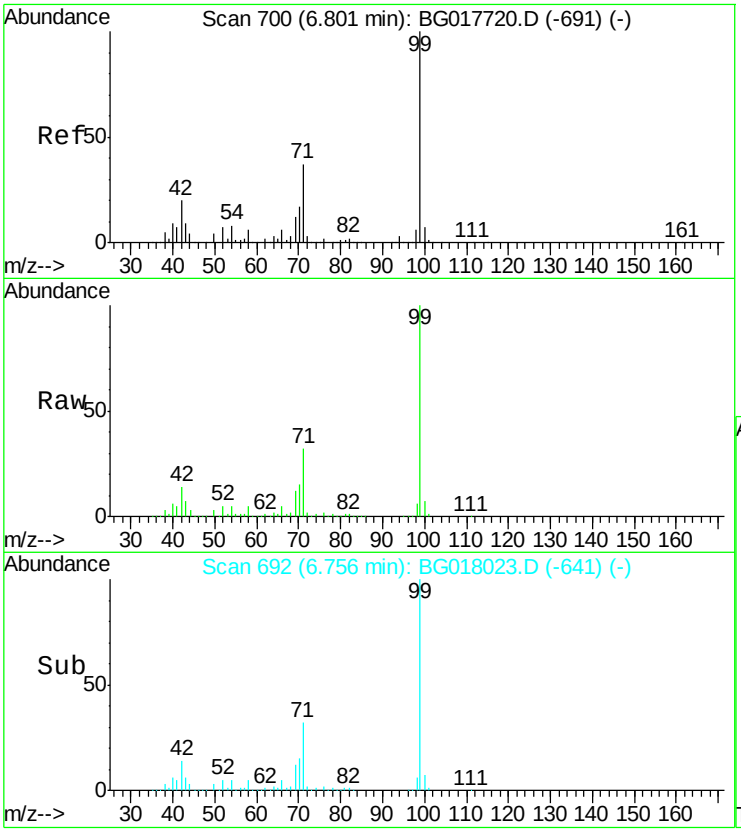


#5
2-Fluorophenol
Concen: 46.27 ng
RT: 5.18 min Scan# 423
Delta R.T. 0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:112 Resp: 331138

Ion	Ratio	Lower	Upper
112	100		
64	49.9	45.4	68.0
63	26.4	25.3	37.9



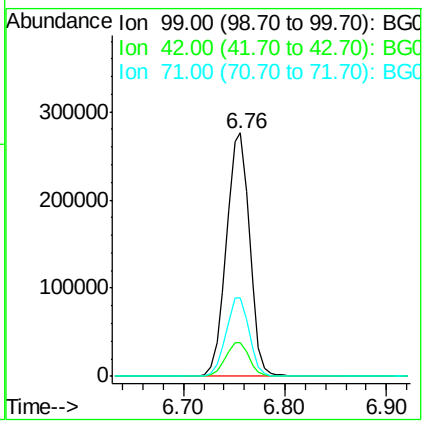


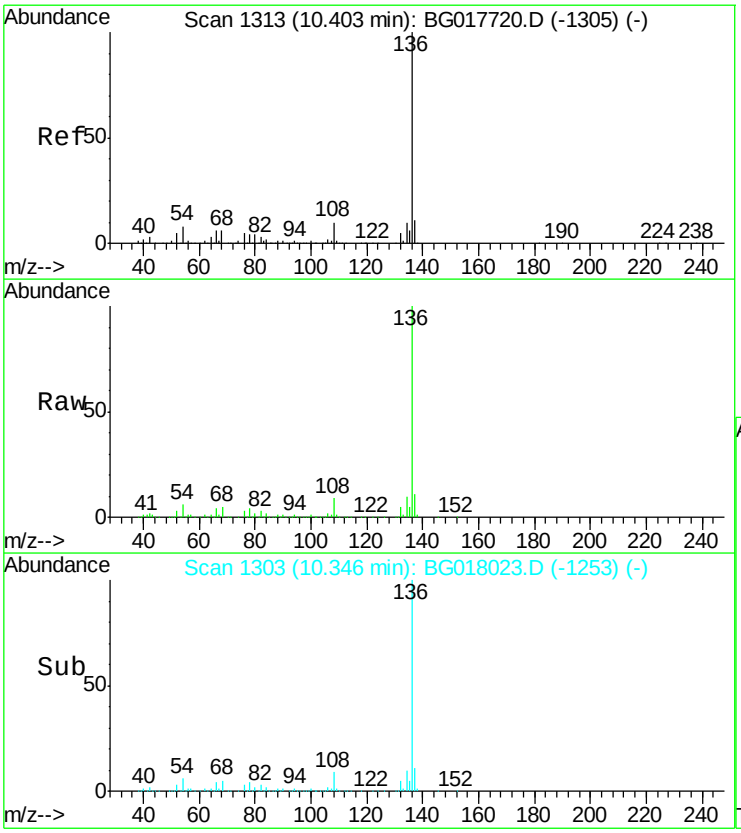
#7
Phenol-d6
Concen: 46.80 ng
RT: 6.76 min Scan# 692
Delta R.T. 0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion: 99 Resp: 438775

Ion	Ratio	Lower	Upper
99	100		
42	13.9	16.2	24.4#
71	32.4	29.5	44.3

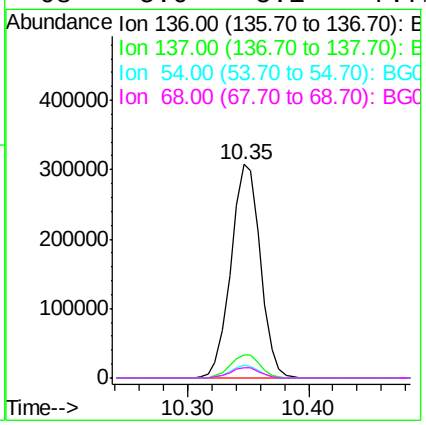


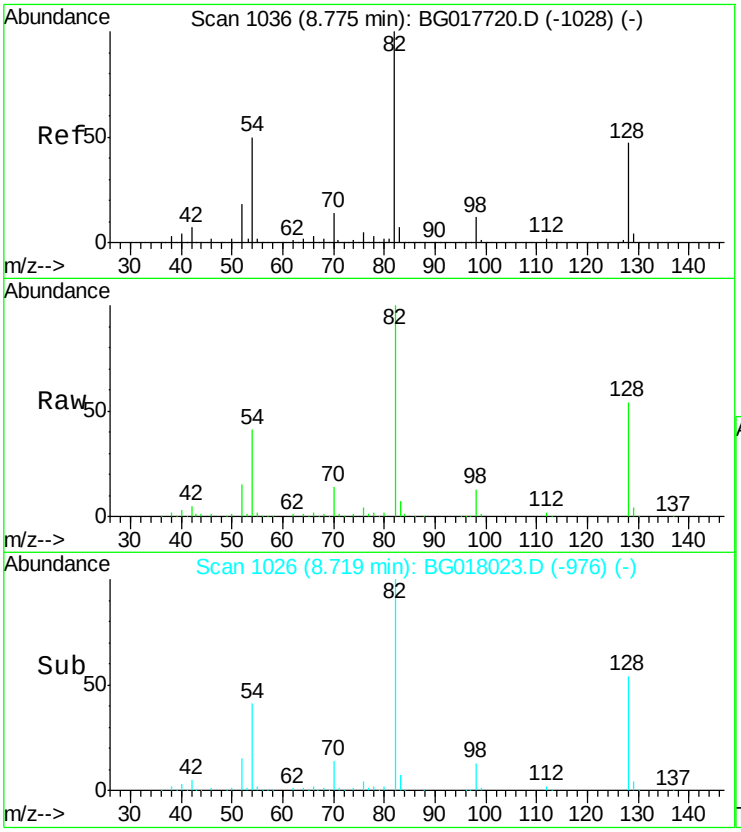


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:136 Resp: 520988

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.9	6.6	9.8#
68	5.0	5.1	7.7#



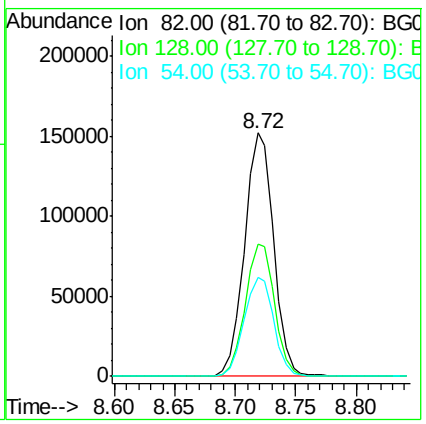


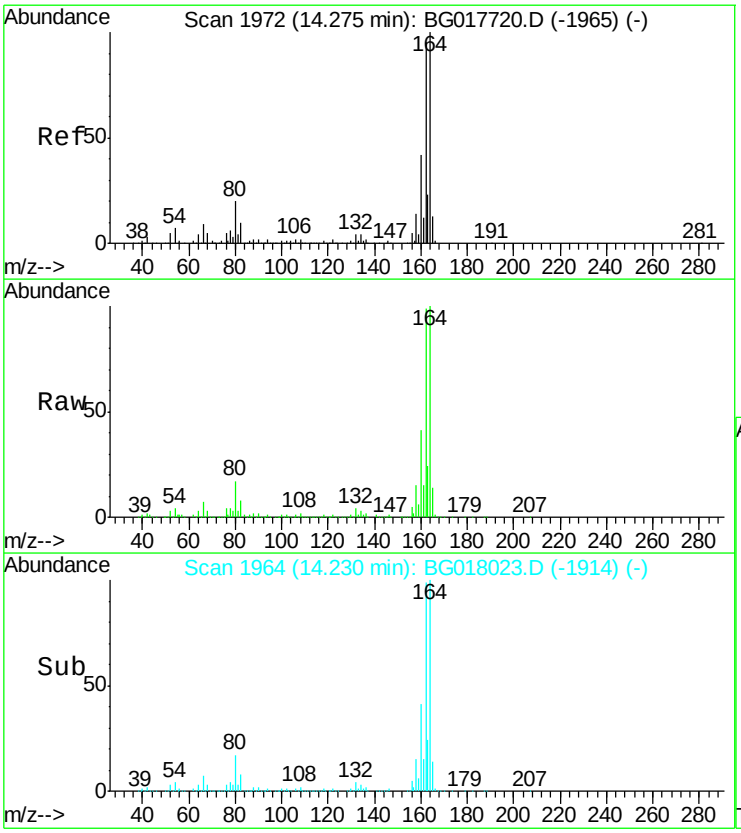
#23
Nitrobenzene-d5
Concen: 31.79 ng
RT: 8.72 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion: 82 Resp: 255717

Ion	Ratio	Lower	Upper
82	100		
128	54.3	37.8	56.6
54	40.8	39.9	59.9

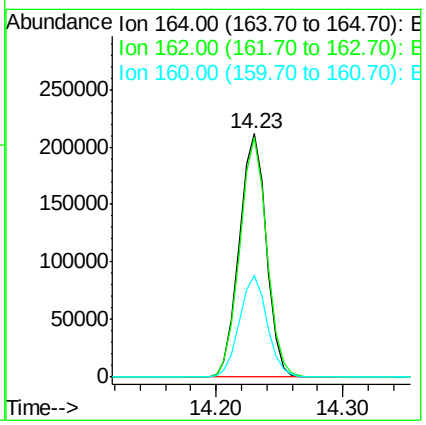


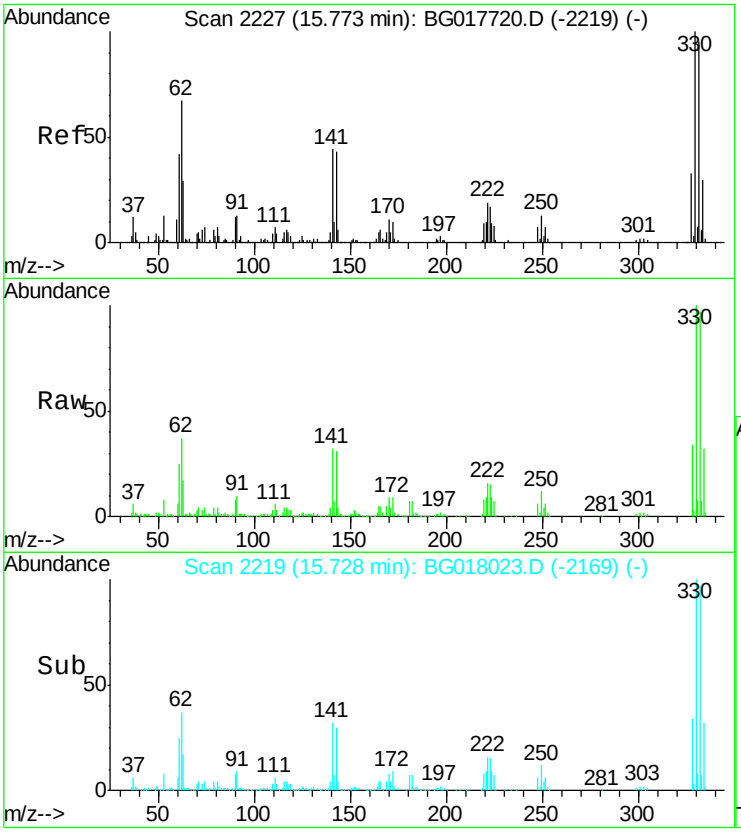


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.23 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:164 Resp: 310682

Ion	Ratio	Lower	Upper
164	100		
162	98.5	76.3	114.5
160	41.5	33.7	50.5



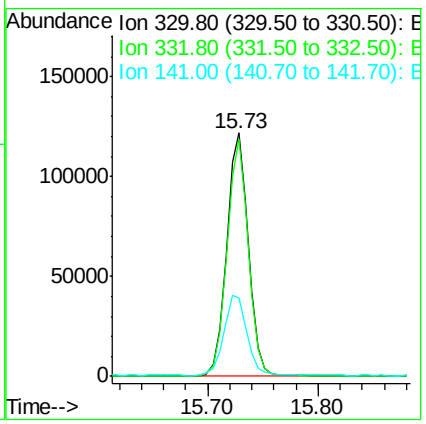


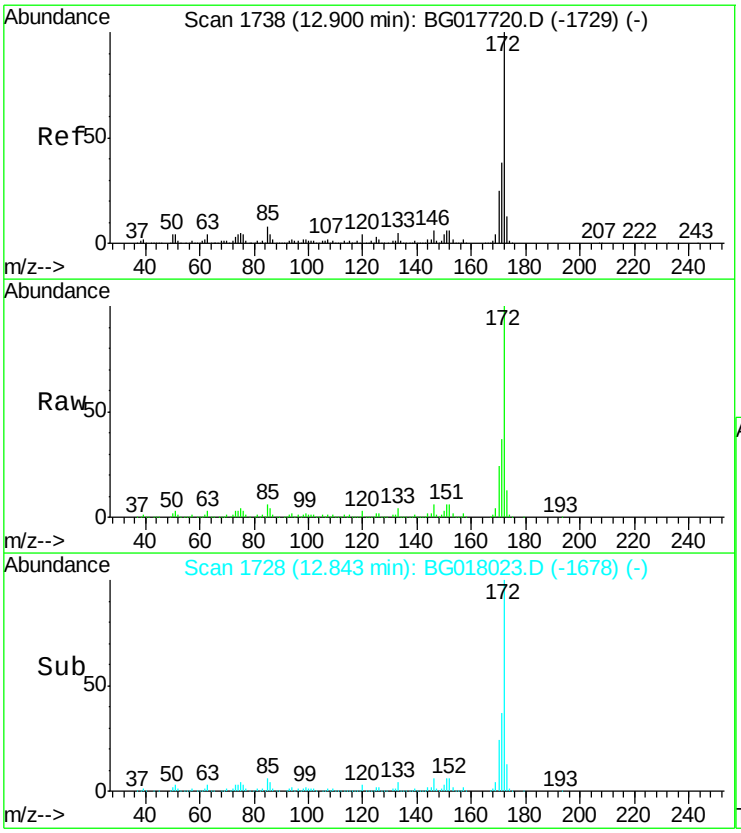
#41
2,4,6-Tribromophenol
Concen: 53.23 ng
RT: 15.73 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:330 Resp: 167557

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	35.3	38.0	57.0#

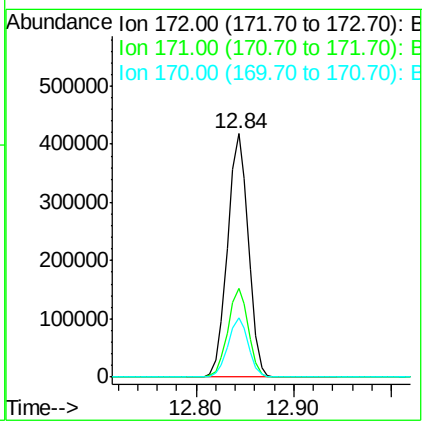


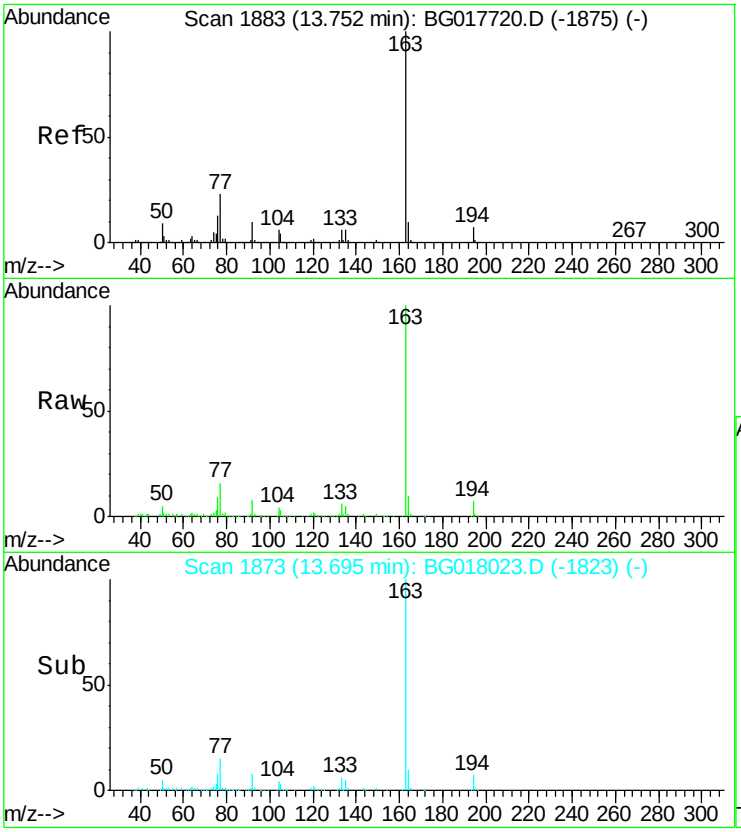


#44
2-Fluorobiphenyl
Concen: 34.36 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:172 Resp: 615934

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.7	46.1
170	24.2	19.7	29.5



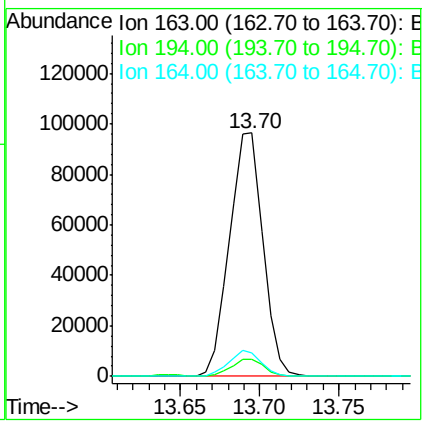


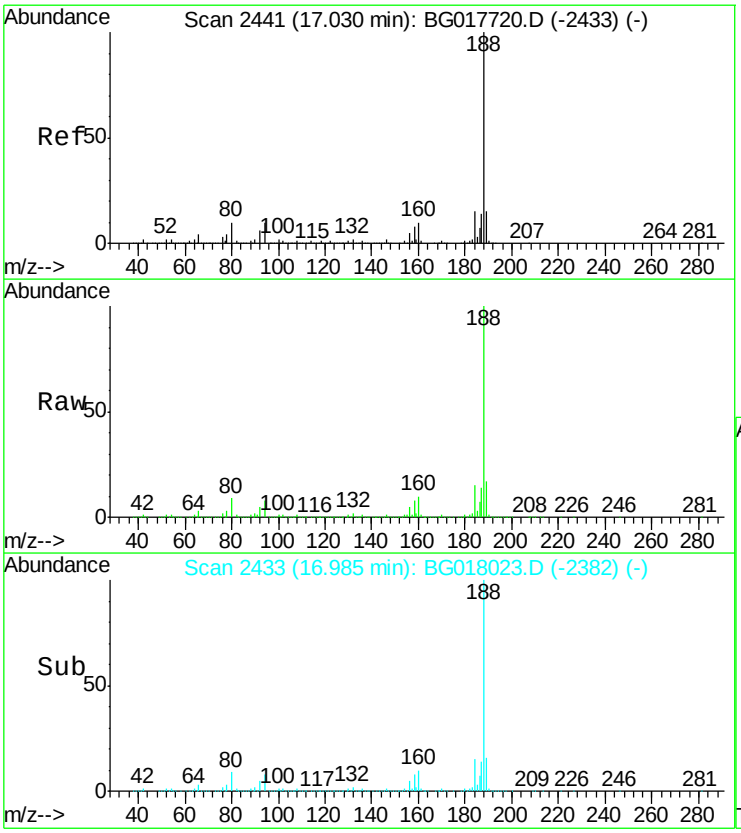
#49
Dimethylphthalate
Concen: 6.54 ng
RT: 13.70 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:163 Resp: 141105

Ion	Ratio	Lower	Upper
163	100		
194	7.2	5.8	8.6
164	9.8	8.3	12.5

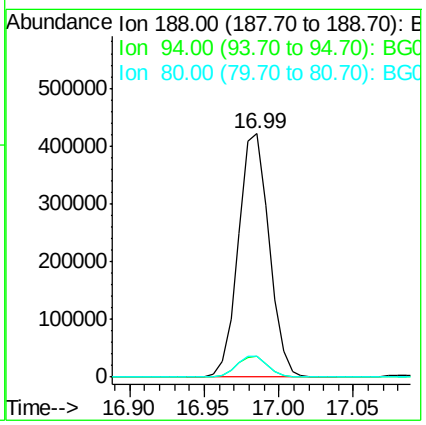


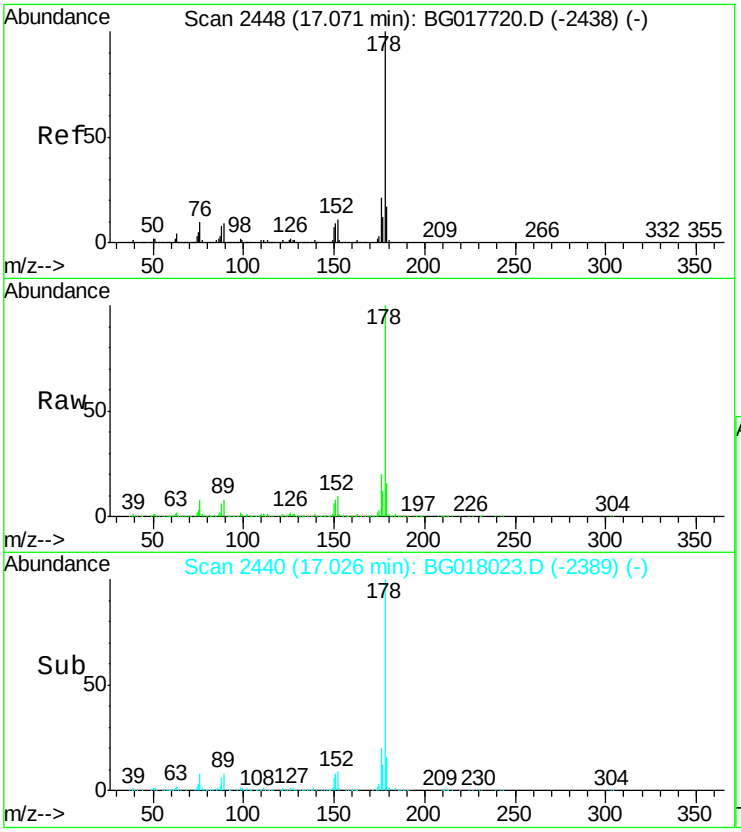


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:188 Resp: 601748

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	8.6	8.2	12.4



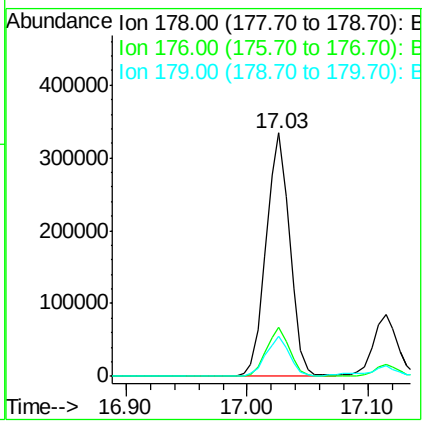


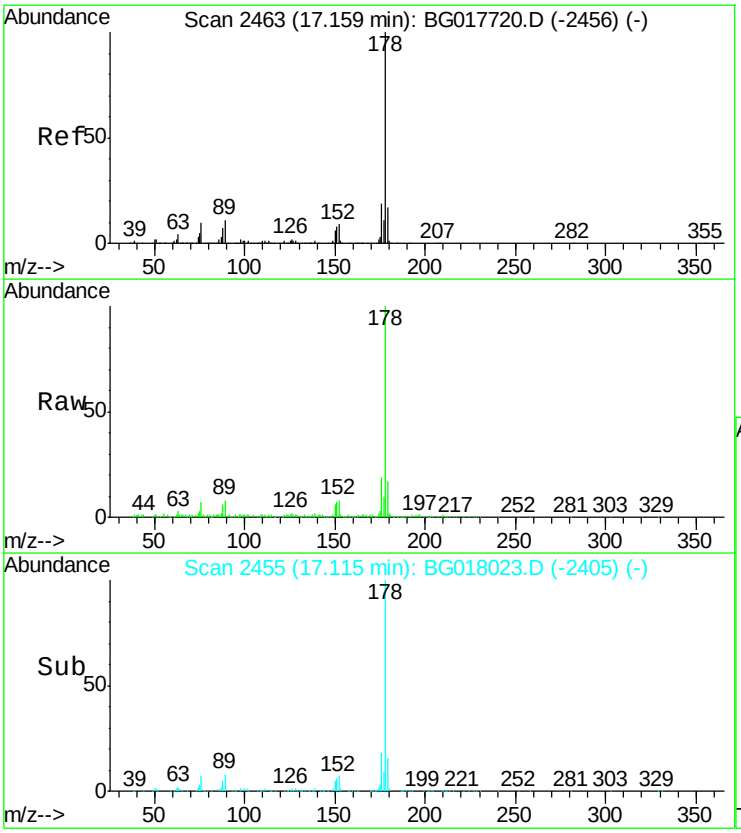
#70
Phenanthrene
Concen: 14.52 ng
RT: 17.03 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:178 Resp: 450821

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.5	24.7
179	16.2	13.5	20.3

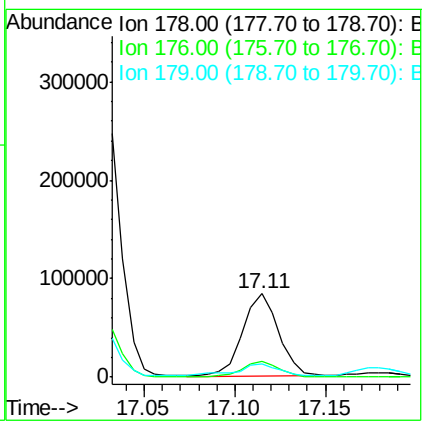


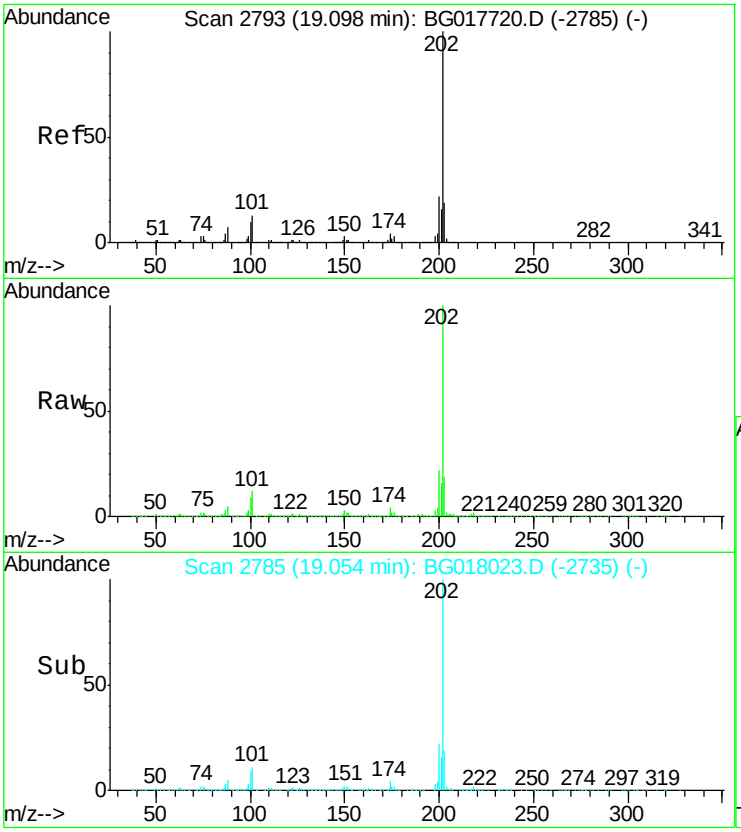


#71
Anthracene
Concen: 3.79 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:178 Resp: 114399

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	16.7	13.6	20.4



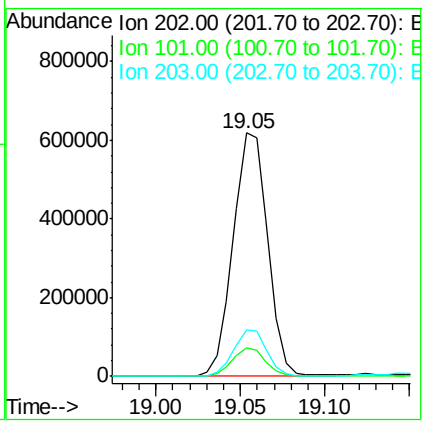


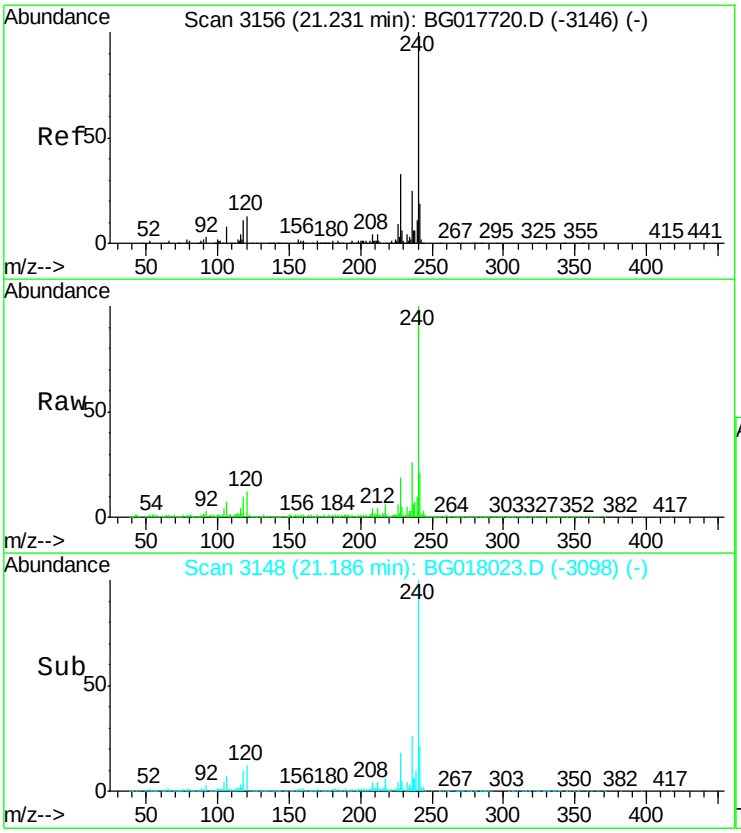
#74
Fluoranthene
Concen: 25.88 ng
RT: 19.05 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:202 Resp: 879363

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.3
203	19.2	0.0	39.5

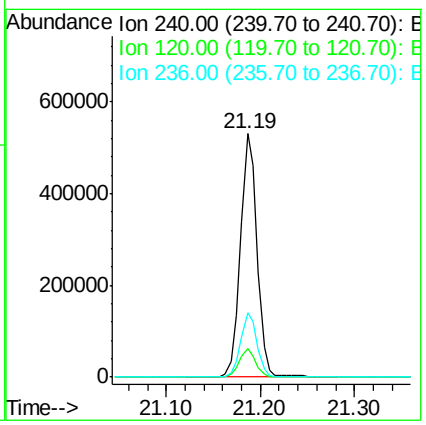


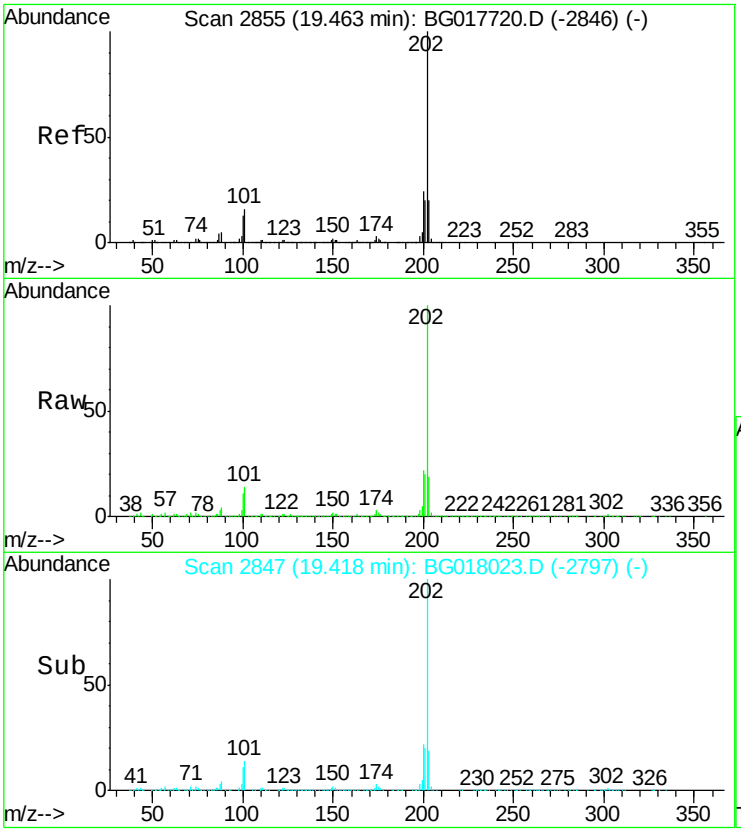


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:240 Resp: 642692

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.8	16.2
236	26.2	20.0	30.0



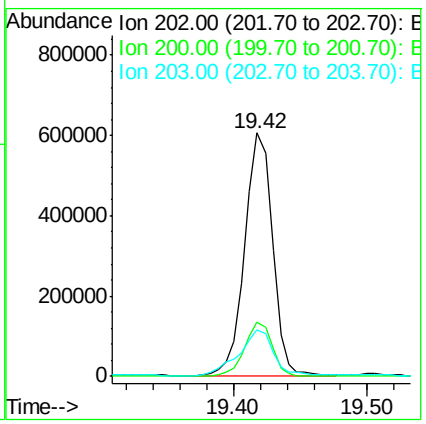


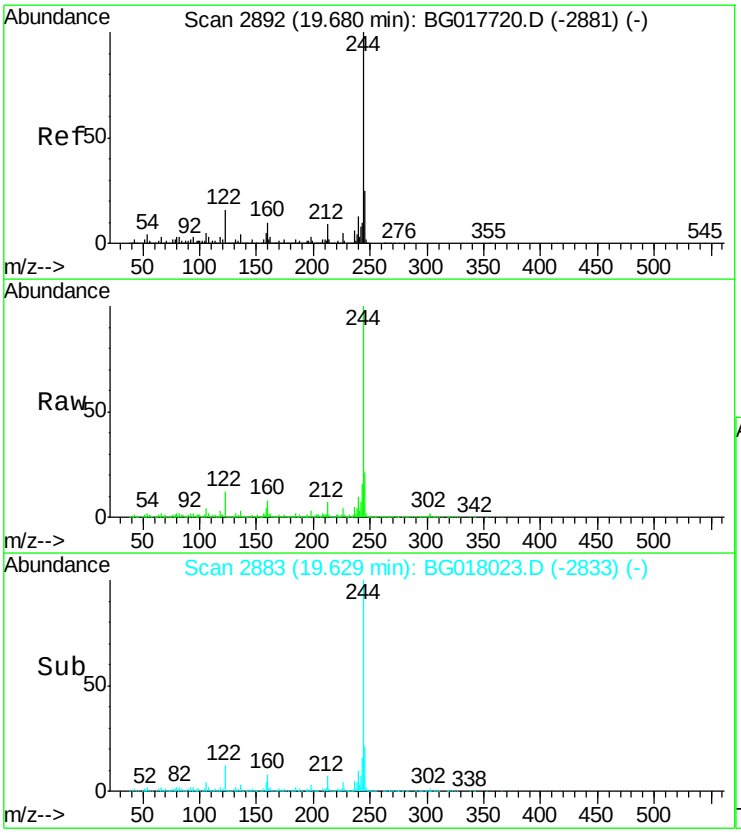
#77
Pyrene
Concen: 24.17 ng
RT: 19.42 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:202 Resp: 866265

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.8	28.2
203	19.2	15.9	23.9

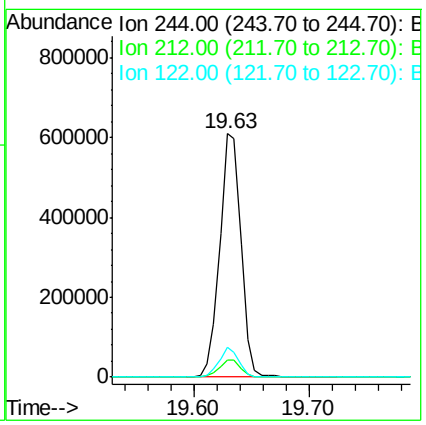


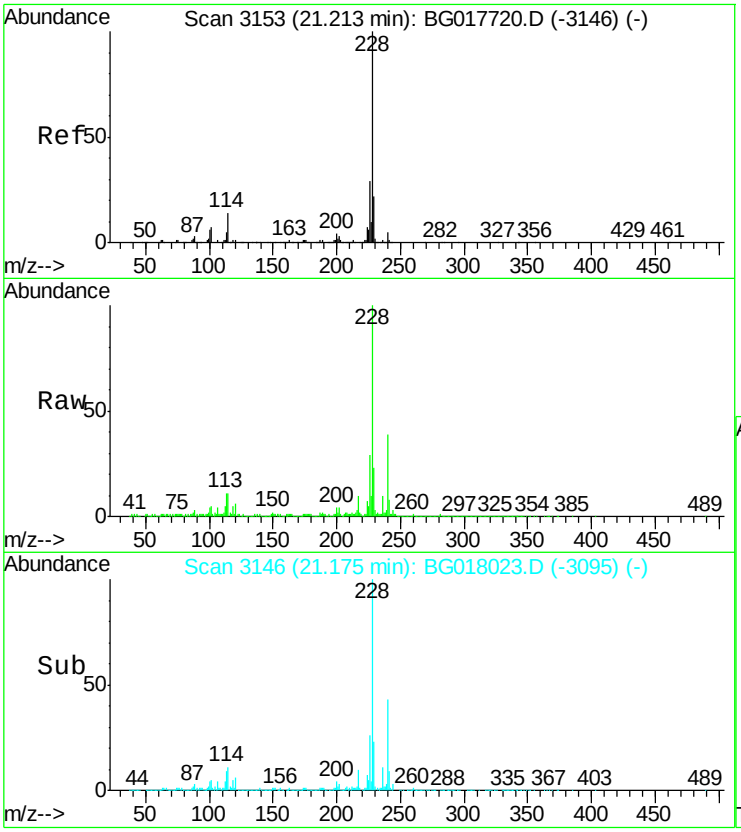


#78
Terphenyl-d14
Concen: 30.38 ng
RT: 19.63 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:244 Resp: 775079

Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.2	10.8#
122	12.1	12.8	19.2#



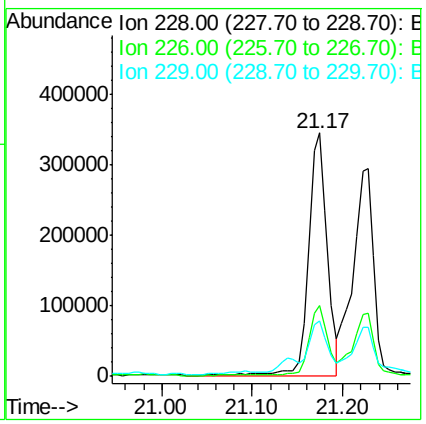


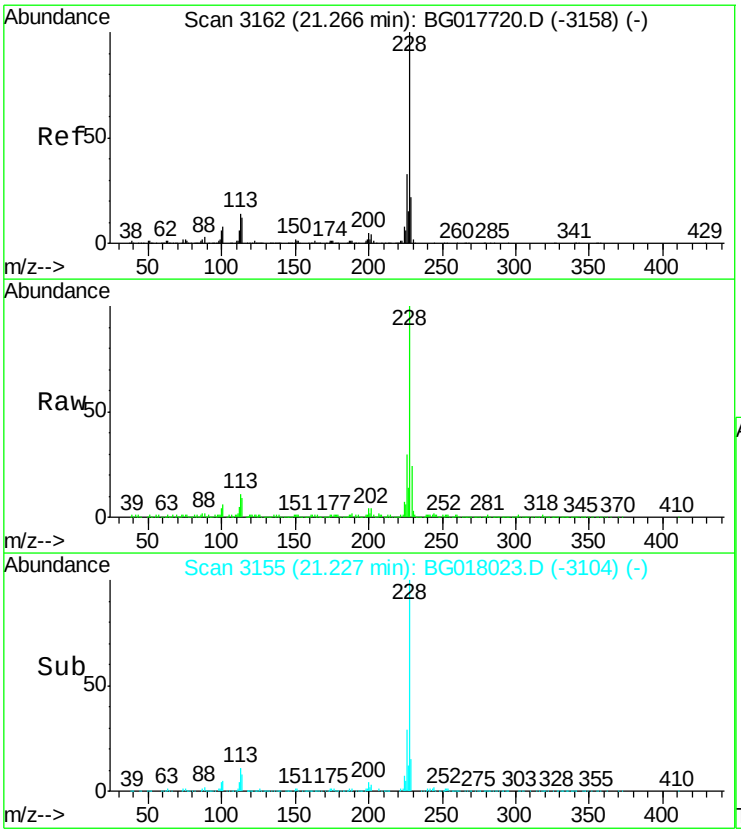
#80
Benzo(a)anthracene
Concen: 14.31 ng
RT: 21.17 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:228 Resp: 485638

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	22.9	17.4	26.0

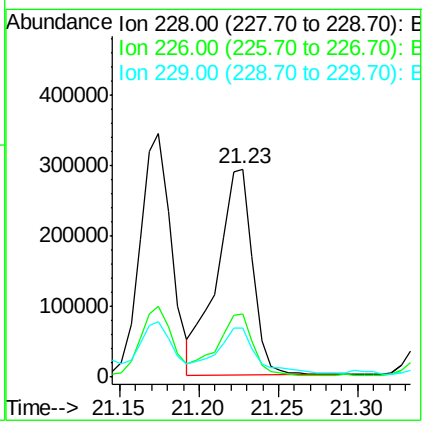


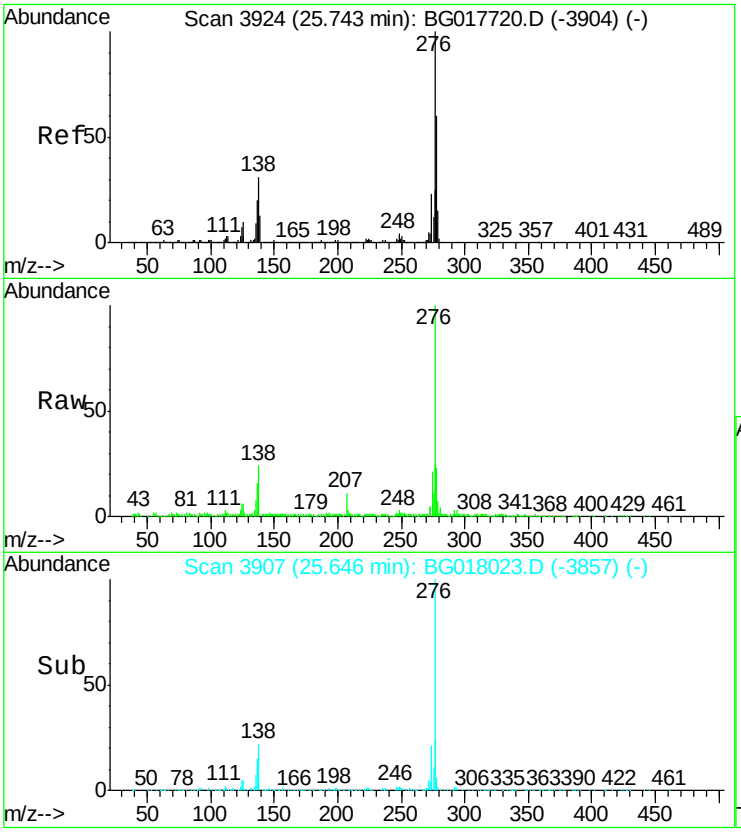


#82
Chrysene
Concen: 14.11 ng
RT: 21.23 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:228 Resp: 456279

Ion	Ratio	Lower	Upper
228	100		
226	30.4	26.1	39.1
229	23.6	17.7	26.5



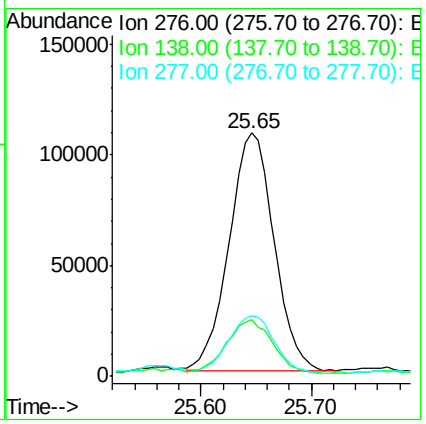


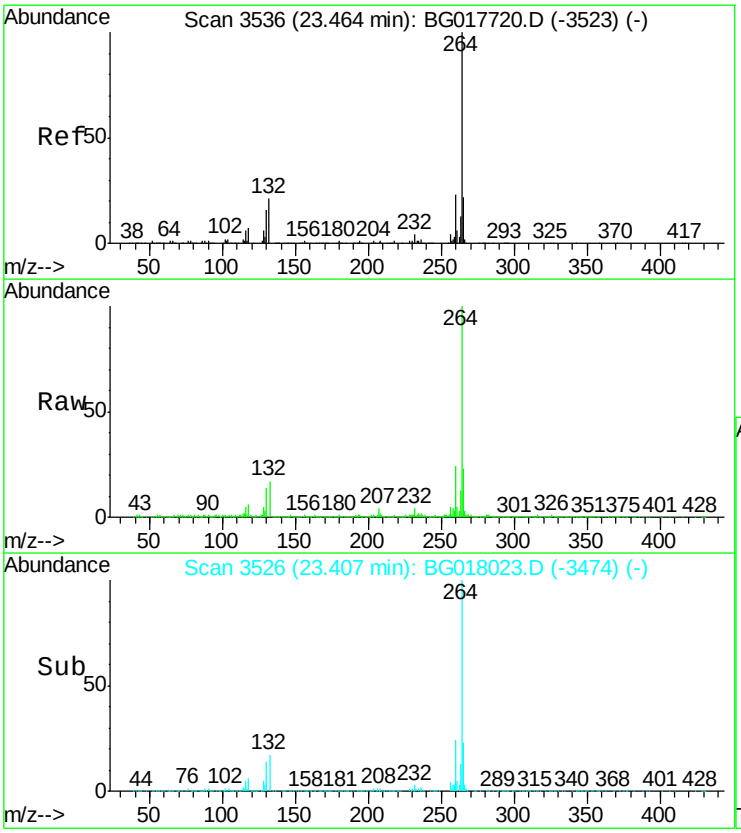
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.80 ng
RT: 25.65 min Scan# 3907
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:276 Resp: 304905

Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.4	38.0#
277	25.3	21.0	31.4

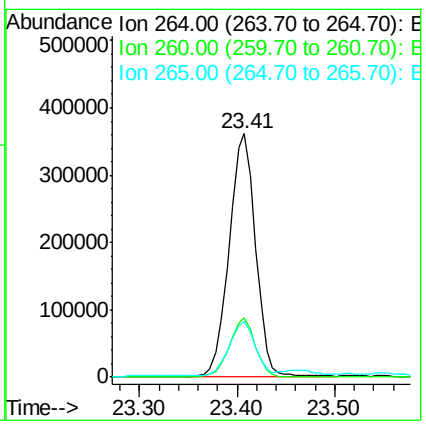


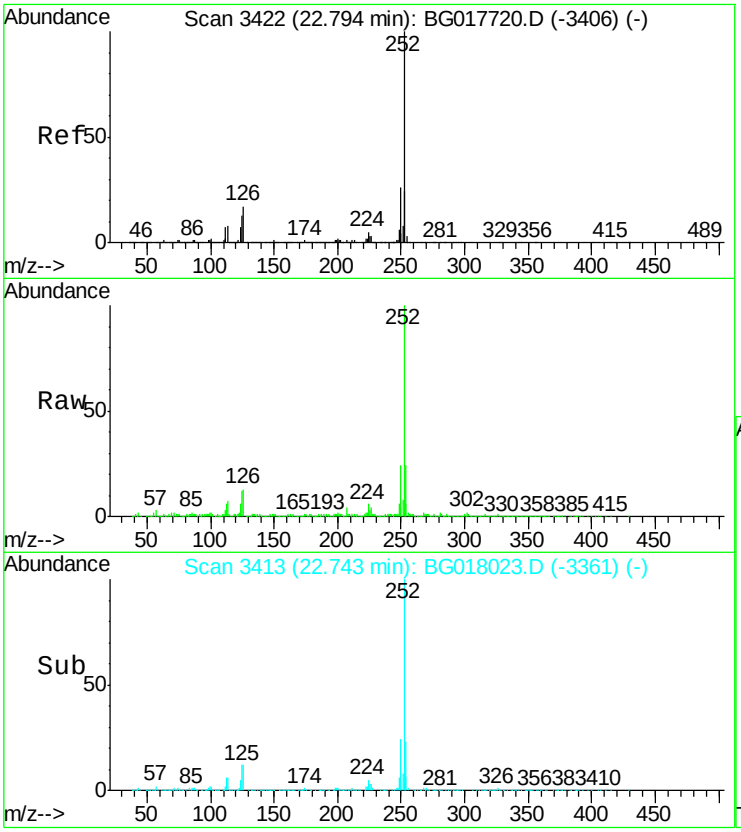


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:264 Resp: 673521

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	23.0	18.2	27.2



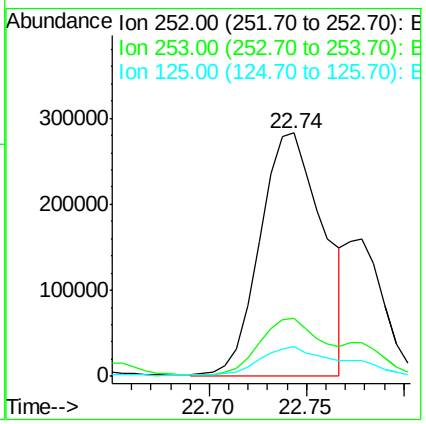


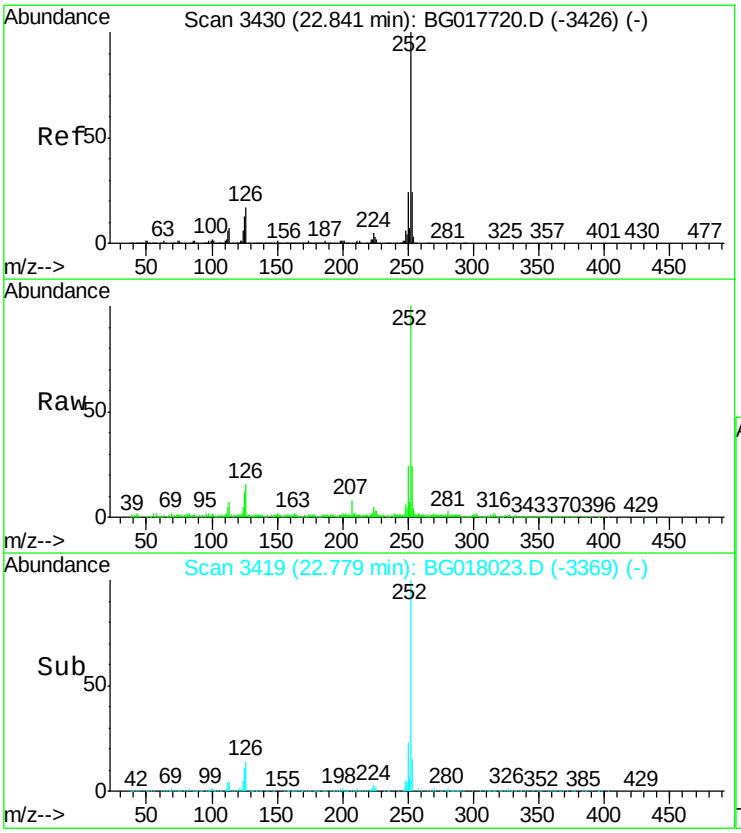
#87
Benzo(b)fluoranthene
Concen: 17.45 ng m
RT: 22.74 min Scan# 3413
Delta R.T. 0.01 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:252 Resp: 643175

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.7	29.5
125	12.4	10.6	15.8

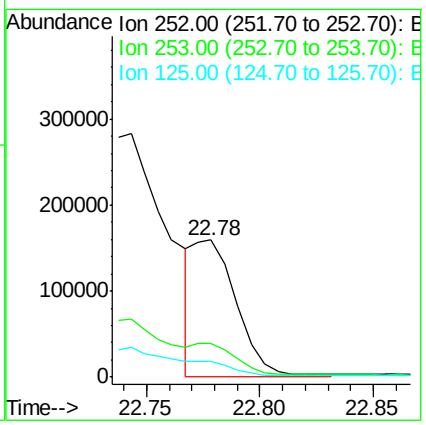


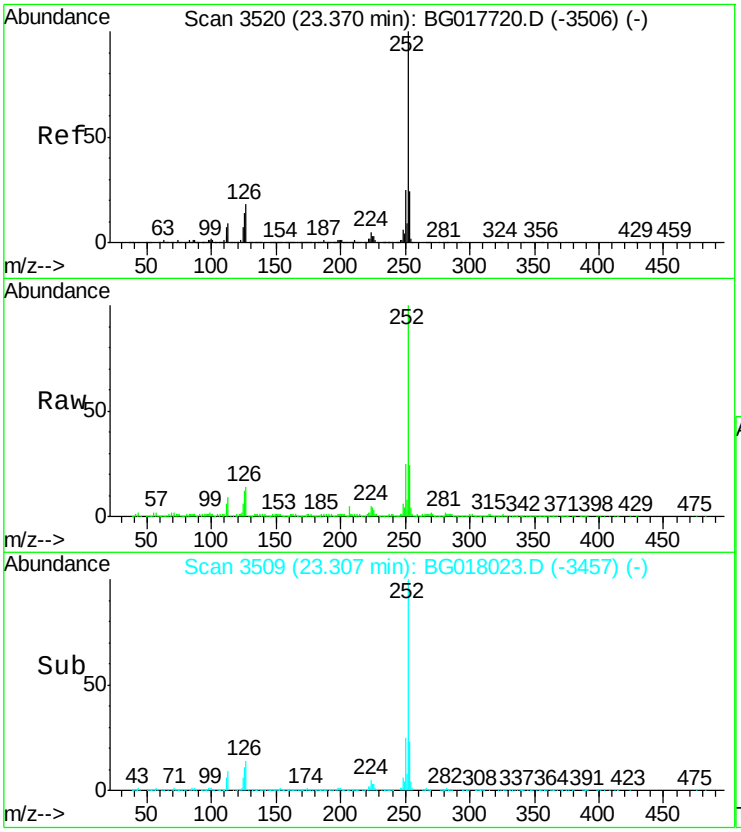


#88
Benzo(k)fluoranthene
Concen: 5.79 ng m
RT: 22.78 min Scan# 3419
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:252 Resp: 212910

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	11.6	10.3	15.5



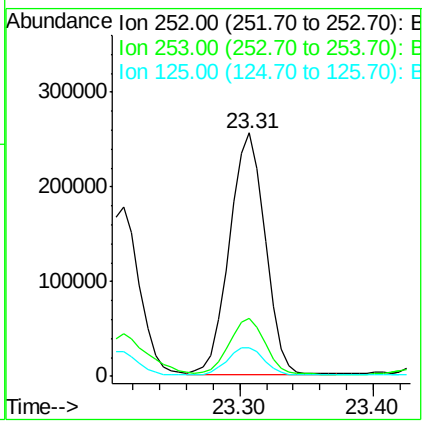


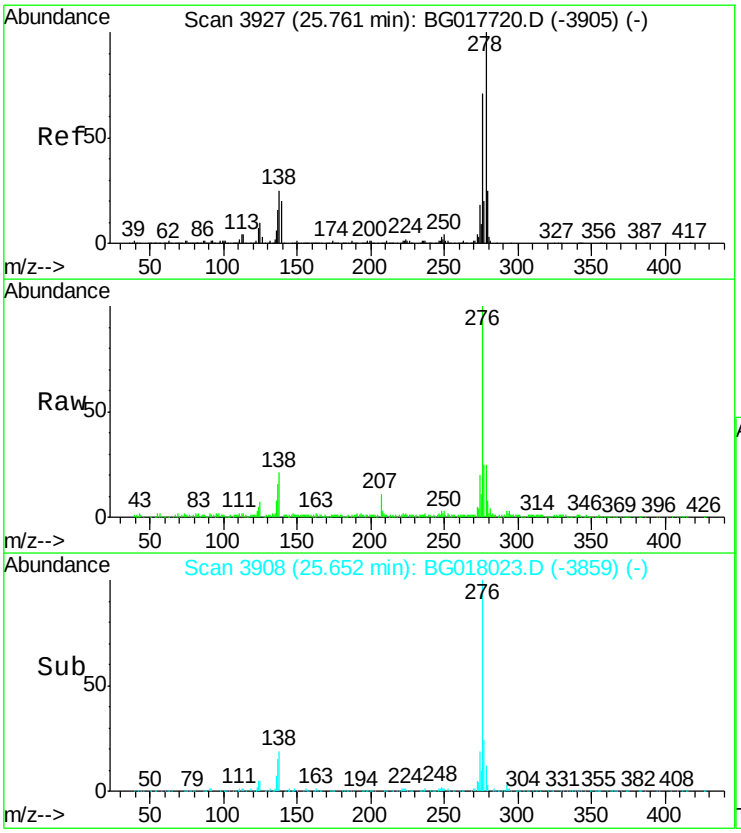
#89
Benzo(a)pyrene
Concen: 13.74 ng
RT: 23.31 min Scan# 3509
Delta R.T. 0.01 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:252 Resp: 471853

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	11.5	11.1	16.7

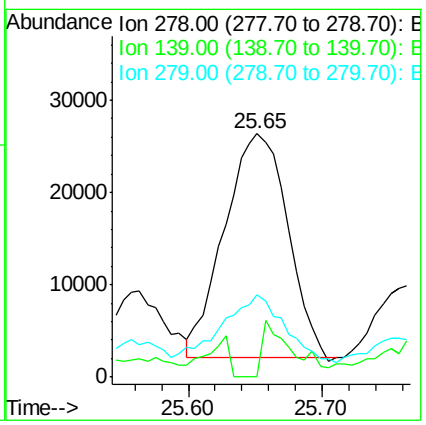


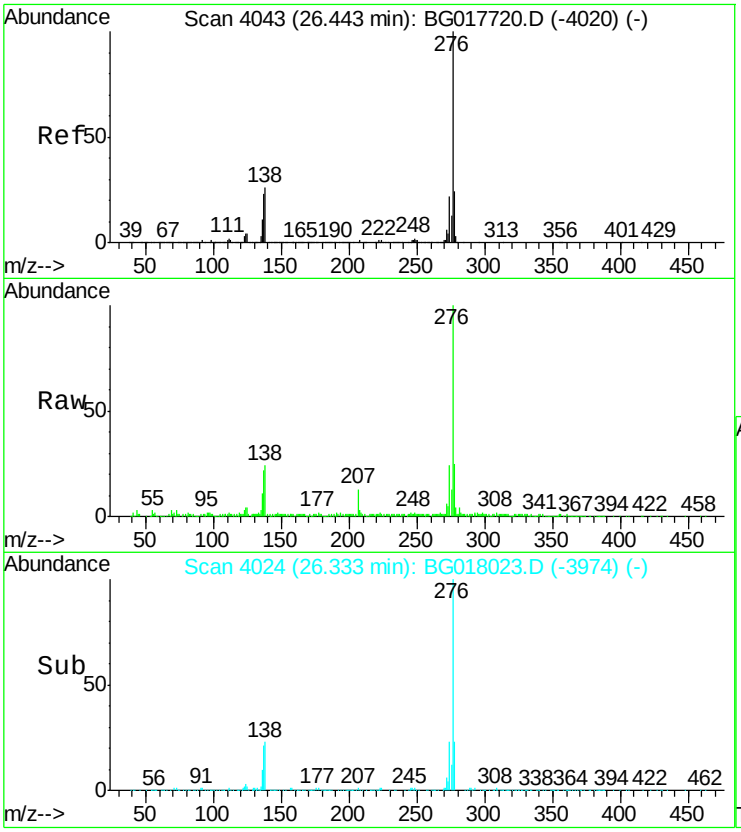


#90
Dibenzo(a,h)anthracene
Concen: 2.24 ng
RT: 25.65 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Tgt Ion:278 Resp: 79899

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.2	24.2#
279	33.7	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 9.23 ng
RT: 26.33 min Scan# 4024
Delta R.T. -0.00 min
Lab File: BG018023.D
Acq: 21 Jul 2015 15:03

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Tgt Ion:276 Resp: 316753

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	24.1	20.8	31.2