Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018039.D
Acq On : 22 Jul 2015 2:32
Operator : TP/UM
Sample : G3031-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(3-5)

Quant Time: Jul 22 05:16:17 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 04:14:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	61475	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	281017	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	174739	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	359671	20.00	ng	0.00
75) Chrysene-d12	21.16	240	382534	20.00	ng	0.00
86) Perylene-d12	23.36	264	386439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	491354	139.43	ng	0.00
7) Phenol-d6	6.74	99	711290	154.06	ng	0.00
23) Nitrobenzene-d5	8.71	82	424940	97.94	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	342311	193.36	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	1156903	114.73	ng	0.00
78) Terphenyl-d14	19.62	244	1543008	101.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.67	163	175440	14.45	ng	98
70) Phenanthrene	17.00	178	67464	3.64	ng	98
74) Fluoranthene	19.03	202	229057	11.28	ng	95
77) Pyrene	19.39	202	225685	10.58	ng	95
80) Benzo(a)anthracene	21.15	228	140317	6.95	ng	98
82) Chrysene	21.20	228	155664m	8.09	ng	
83) Bis(2-ethylhexyl)phthalate	21.10	149	121774	9.26	ng	98
85) Indeno(1,2,3-cd)pyrene	25.59	276	135827m	5.84	ng	
87) Benzo(b)fluoranthene	22.71	252	254479m	12.04	ng	
88) Benzo(k)fluoranthene	22.74	252	66288m	3.14	ng	
89) Benzo(a)pyrene	23.27	252	165623	8.41	ng	99
91) Benzo(g,h,i)perylene	26.27	276	125107	6.35	ng	97

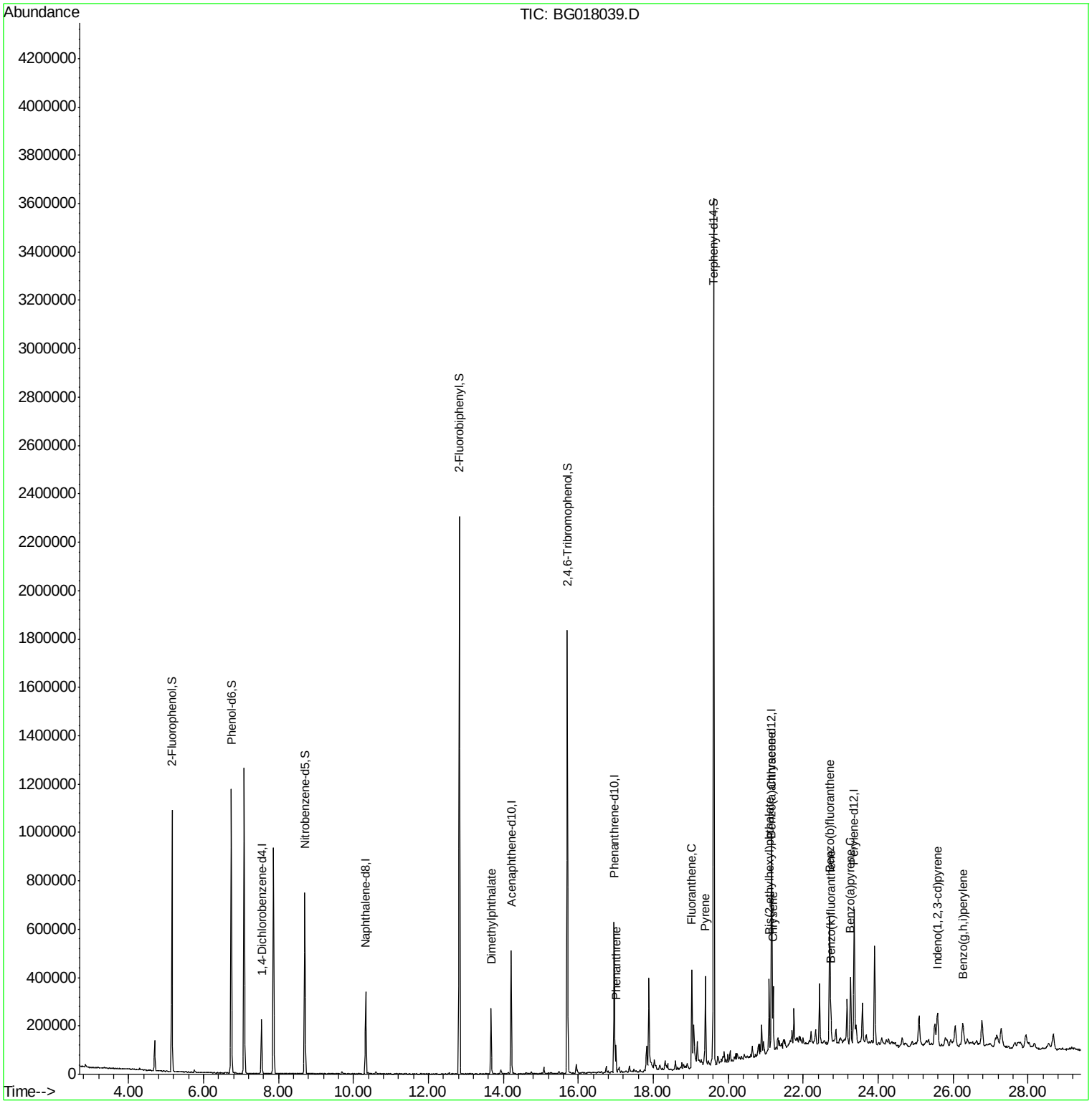
(#) = qualifier out of range (m) = manual integration (+) = signals summed

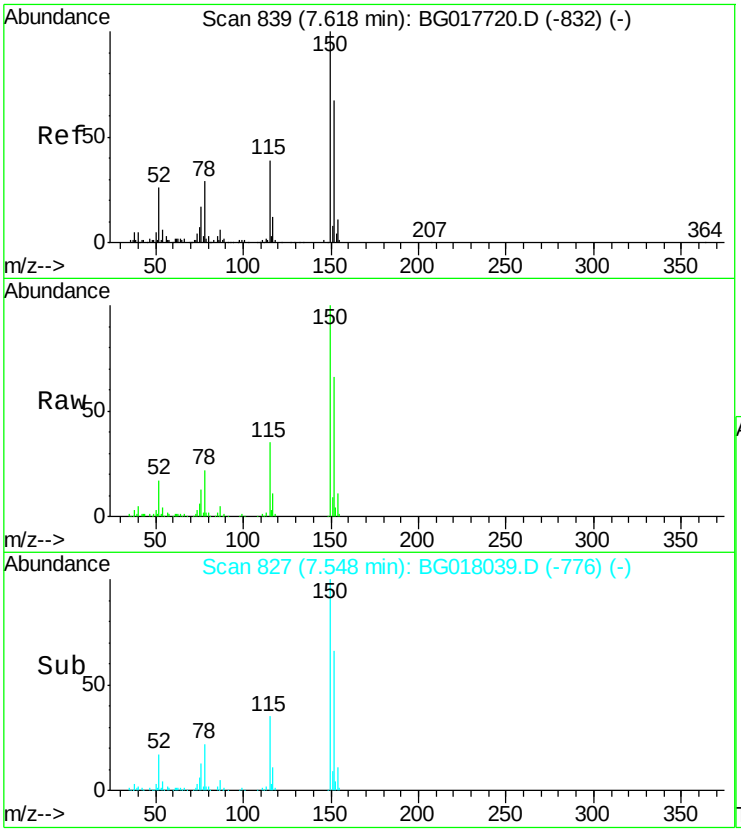
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018039.D
Acq On : 22 Jul 2015 2:32
Operator : TP/UM
Sample : G3031-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Quant Time: Jul 22 05:16:17 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 04:14:54 2015
Response via : Initial Calibration



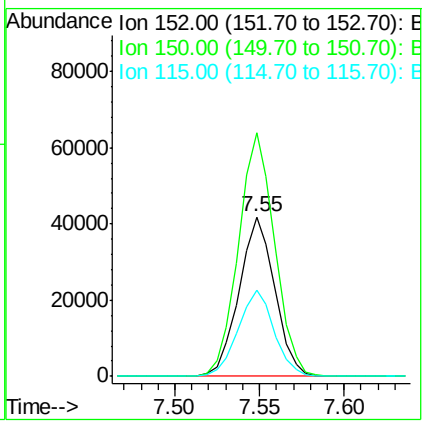


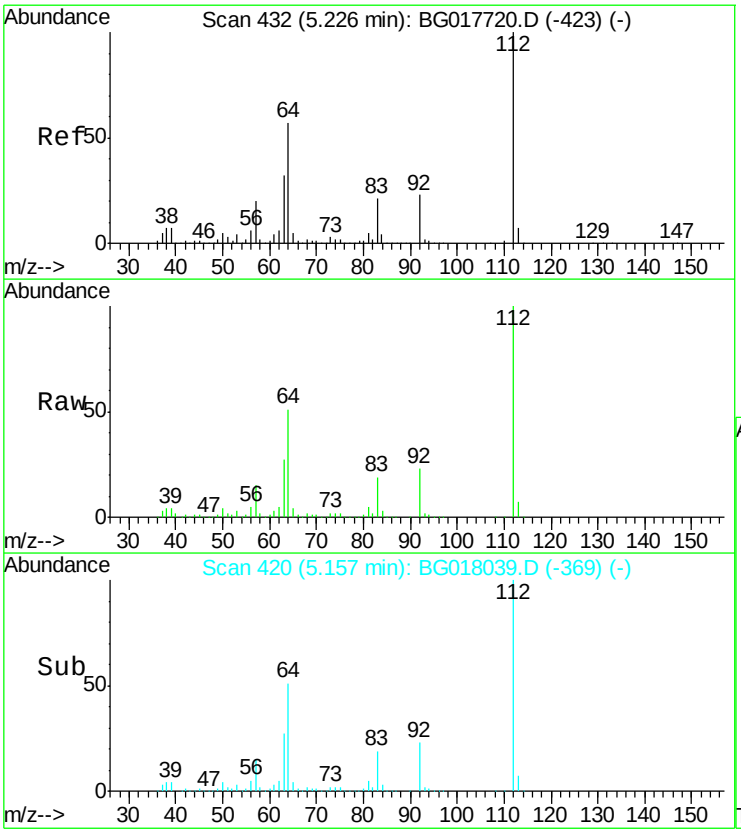
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:152 Resp: 61475

Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.1	178.7
115	54.0	47.0	70.4

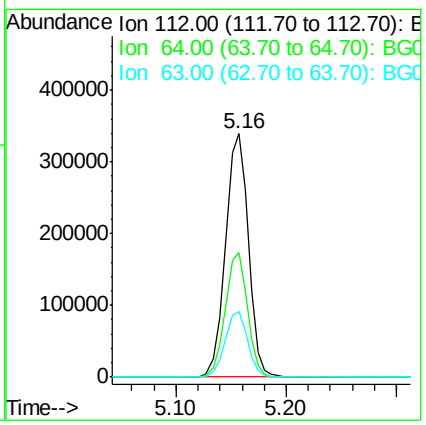


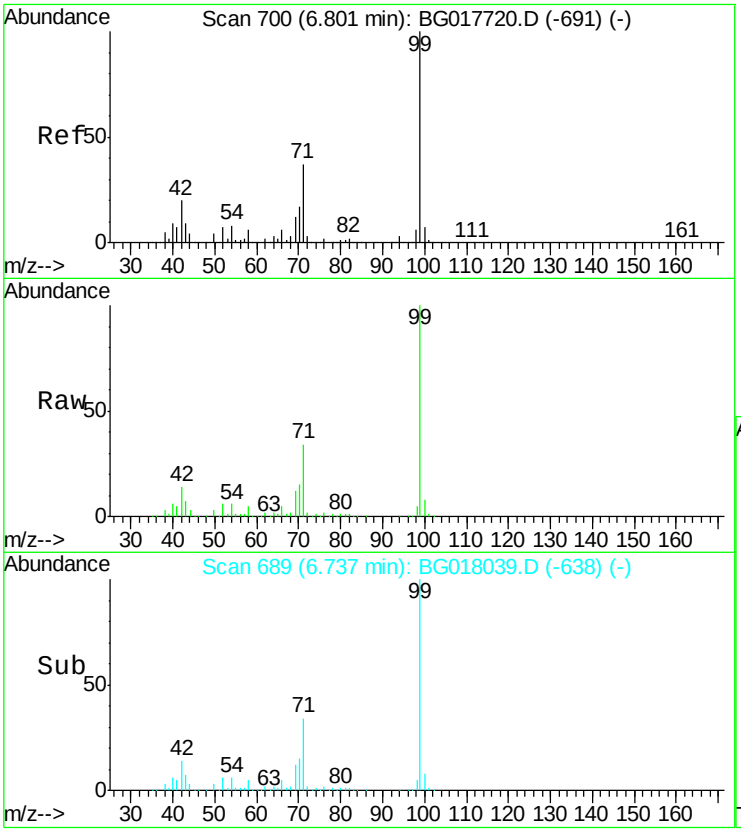


#5
2-Fluorophenol
Concen: 139.43 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:112 Resp: 491354

Ion	Ratio	Lower	Upper
112	100		
64	50.9	45.4	68.0
63	26.7	25.3	37.9



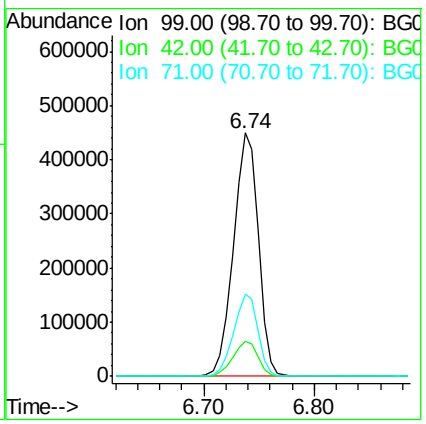


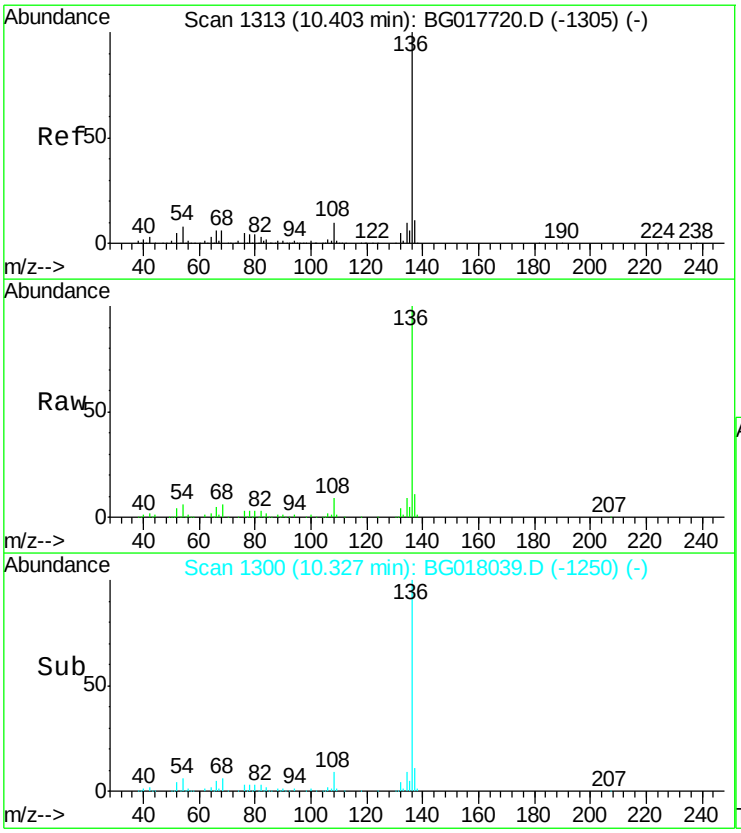
#7
Phenol-d6
Concen: 154.06 ng
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion: 99 Resp: 711290

Ion	Ratio	Lower	Upper
99	100		
42	14.4	16.2	24.4#
71	33.9	29.5	44.3

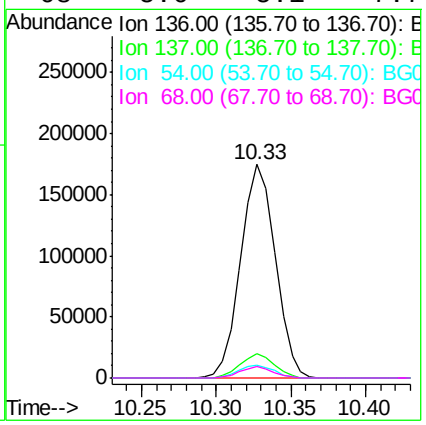


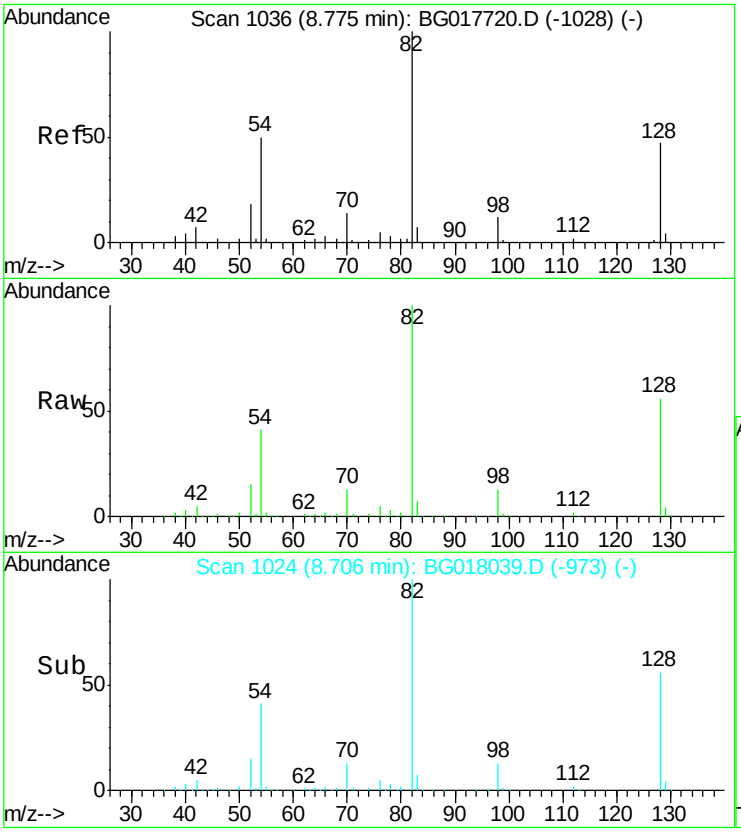


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.33 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:136 Resp: 281017

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.0	6.6	9.8#
68	5.6	5.1	7.7



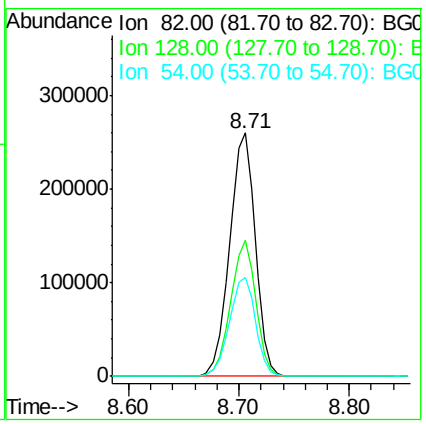


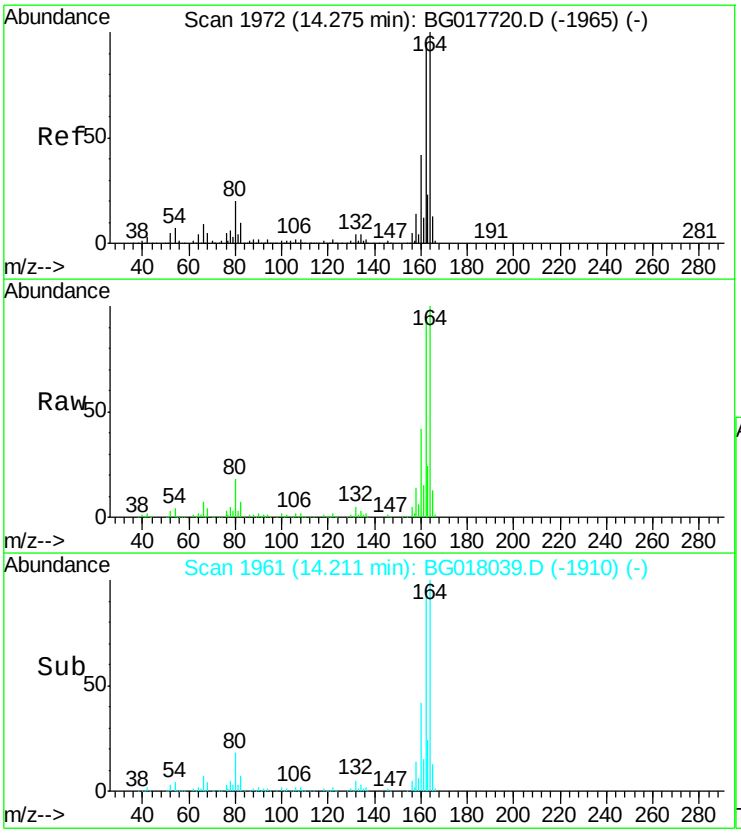
#23
Nitrobenzene-d5
Concen: 97.94 ng
RT: 8.71 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion: 82 Resp: 424940

Ion	Ratio	Lower	Upper
82	100		
128	55.9	37.8	56.6
54	40.9	39.9	59.9

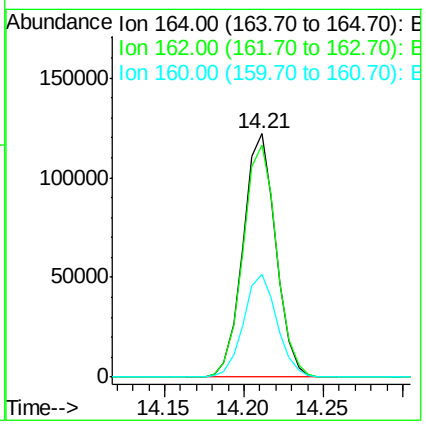


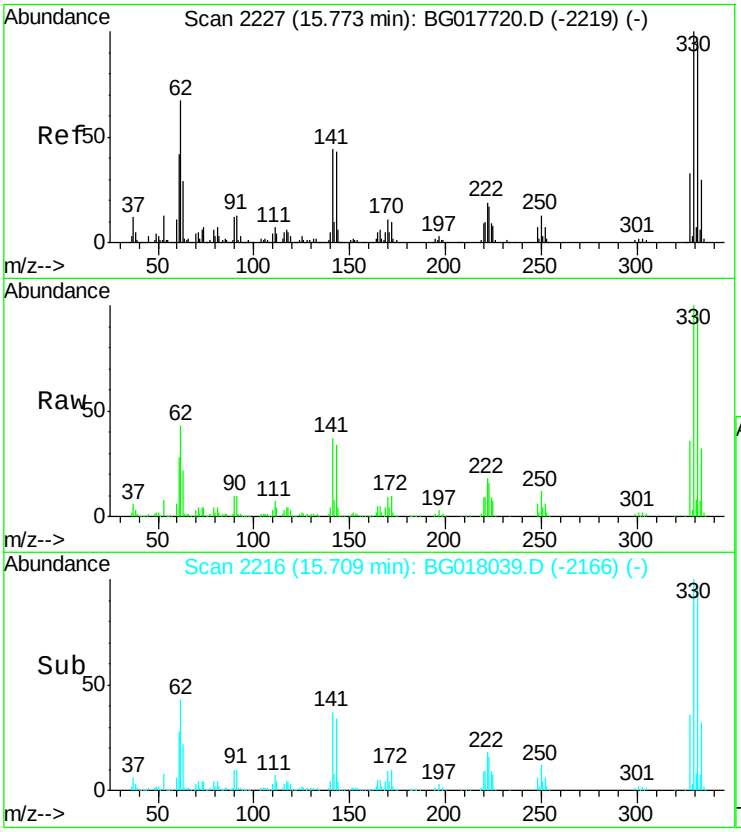


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:164 Resp: 174739

Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.3	114.5
160	42.3	33.7	50.5



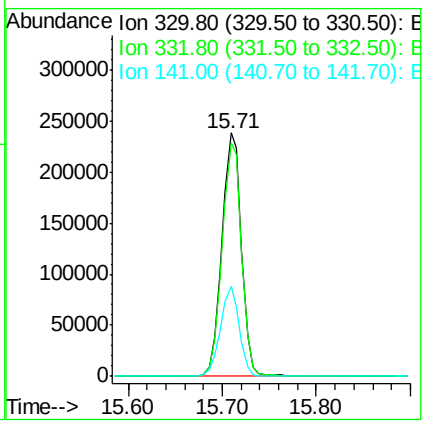


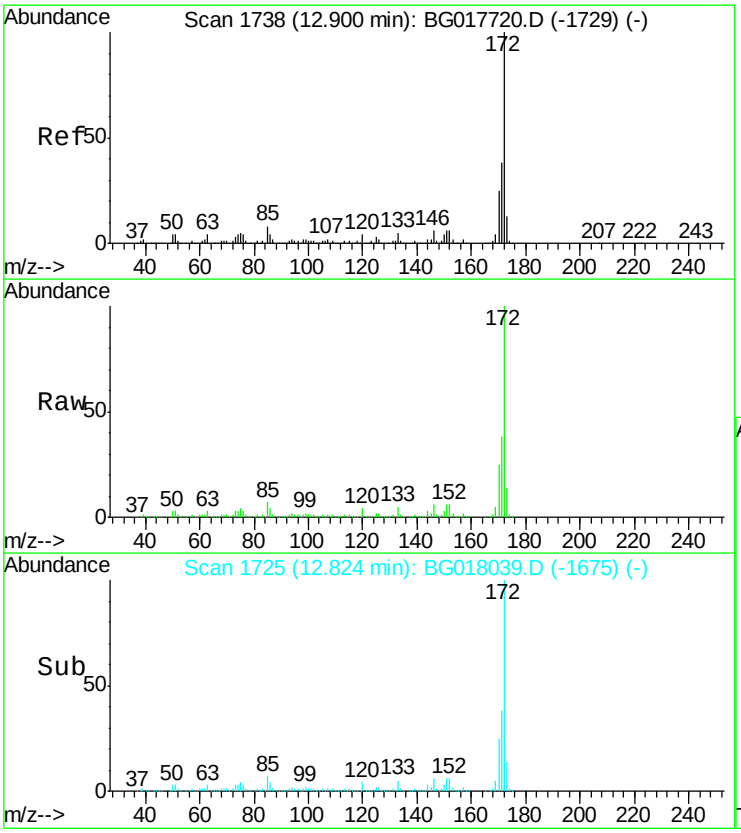
#41
2,4,6-Tribromophenol
Concen: 193.36 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:330 Resp: 342311

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	35.7	38.0	57.0#

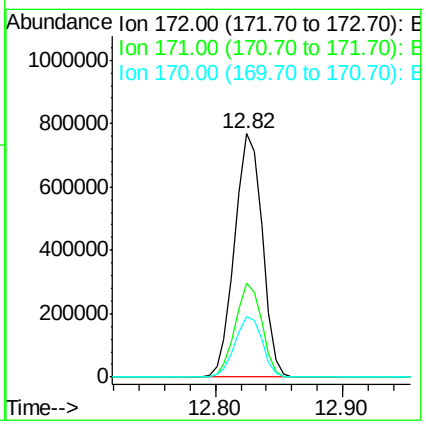


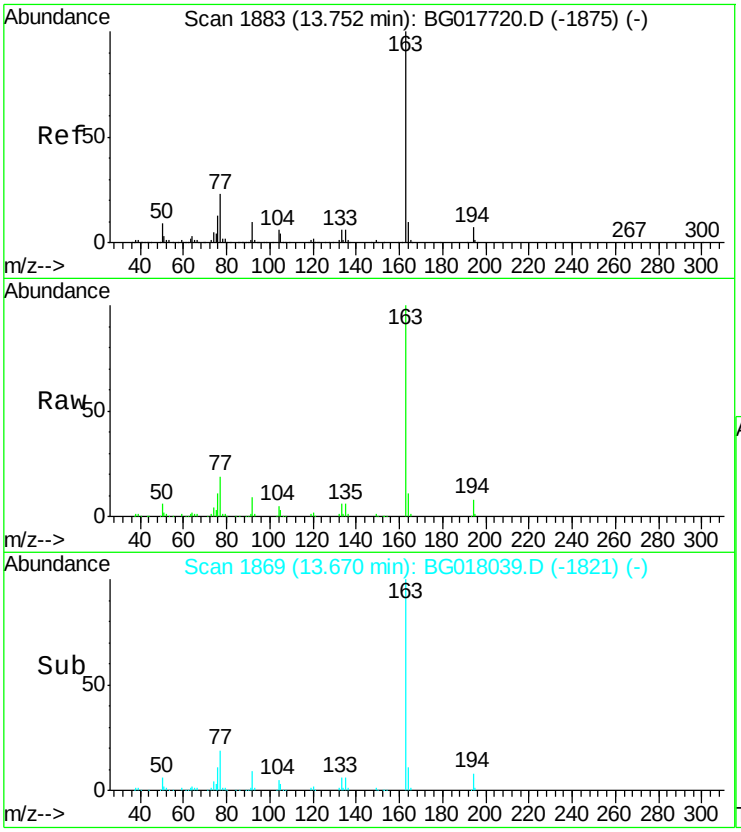


#44
2-Fluorobiphenyl
Concen: 114.73 ng
RT: 12.82 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:172 Resp: 1156903

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.7	46.1
170	24.9	19.7	29.5



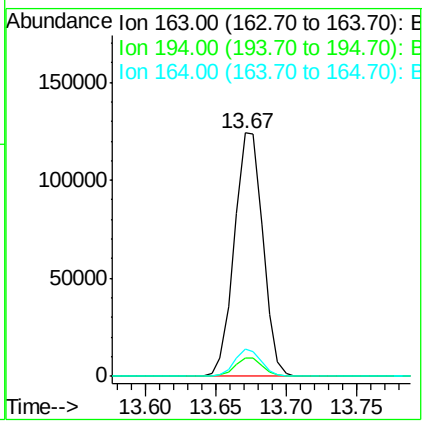


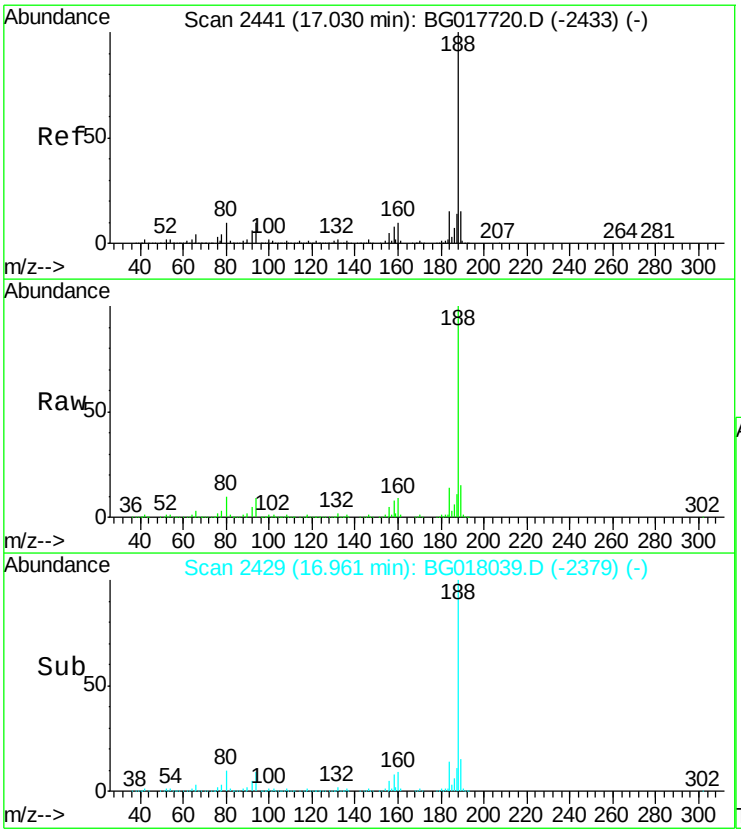
#49
Dimethylphthalate
Concen: 14.45 ng
RT: 13.67 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:163 Resp: 175440

Ion	Ratio	Lower	Upper
163	100		
194	7.5	5.8	8.6
164	11.2	8.3	12.5

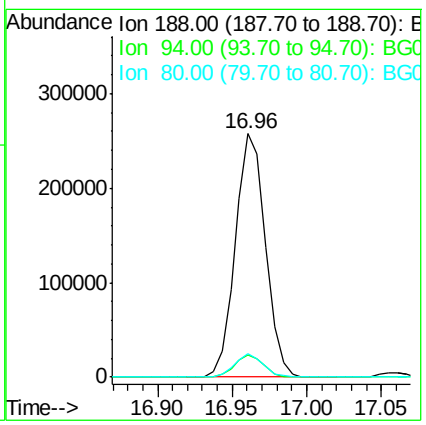


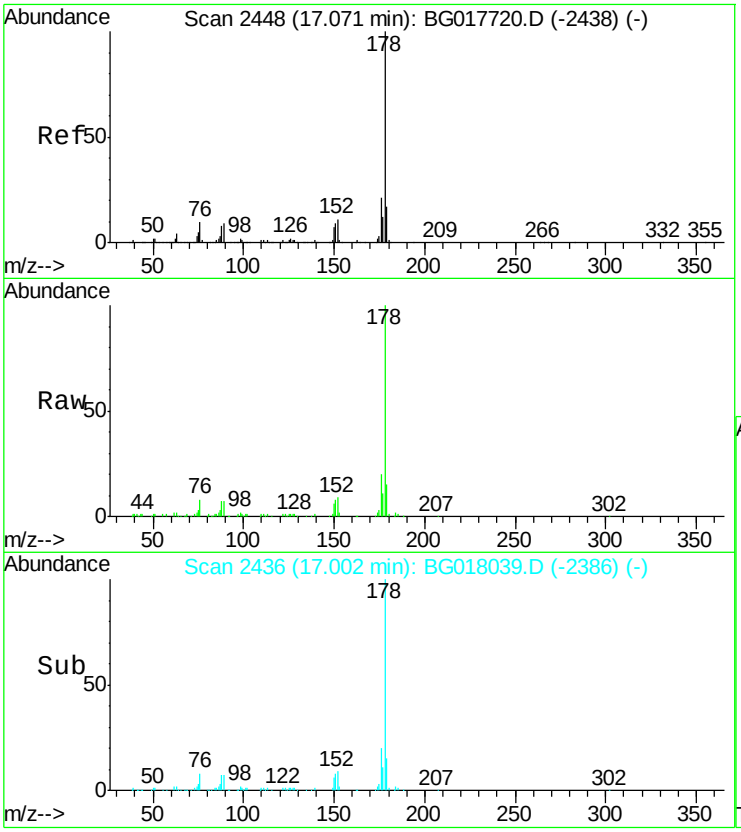


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:188 Resp: 359671

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.5	8.2	12.4



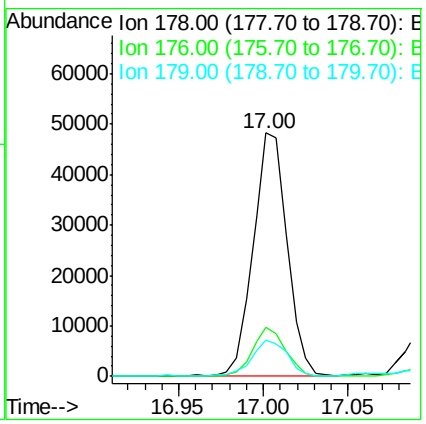


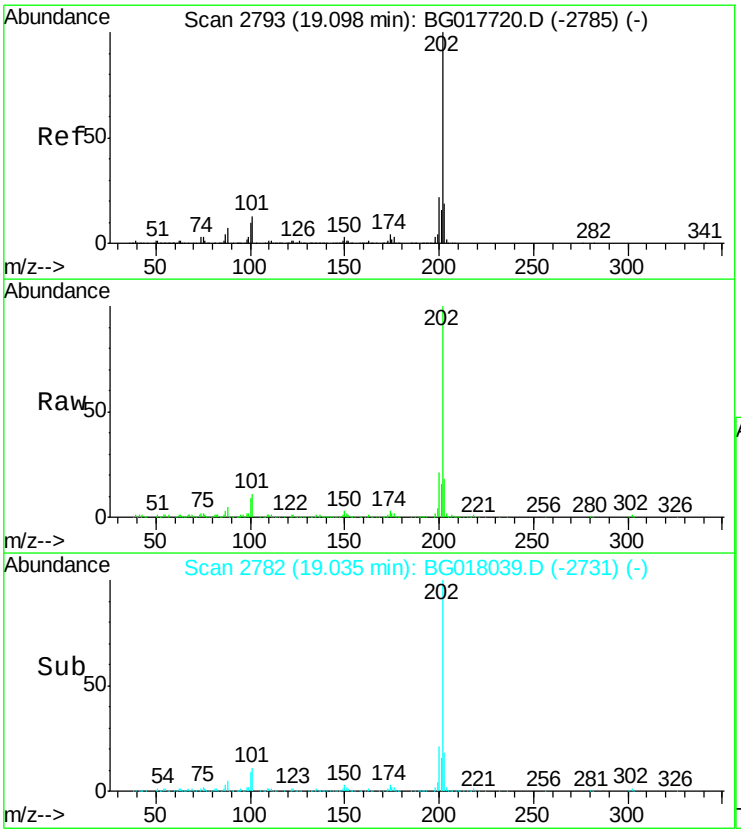
#70
Phenanthrene
Concen: 3.64 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:178 Resp: 67464

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.5	24.7
179	15.1	13.5	20.3

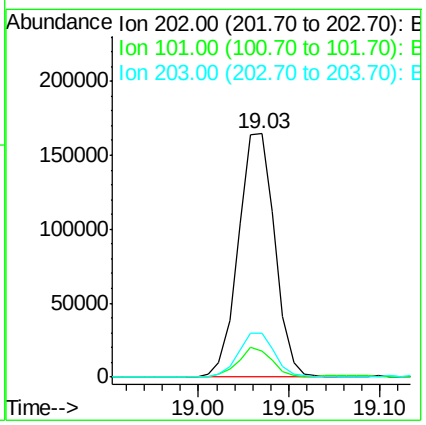


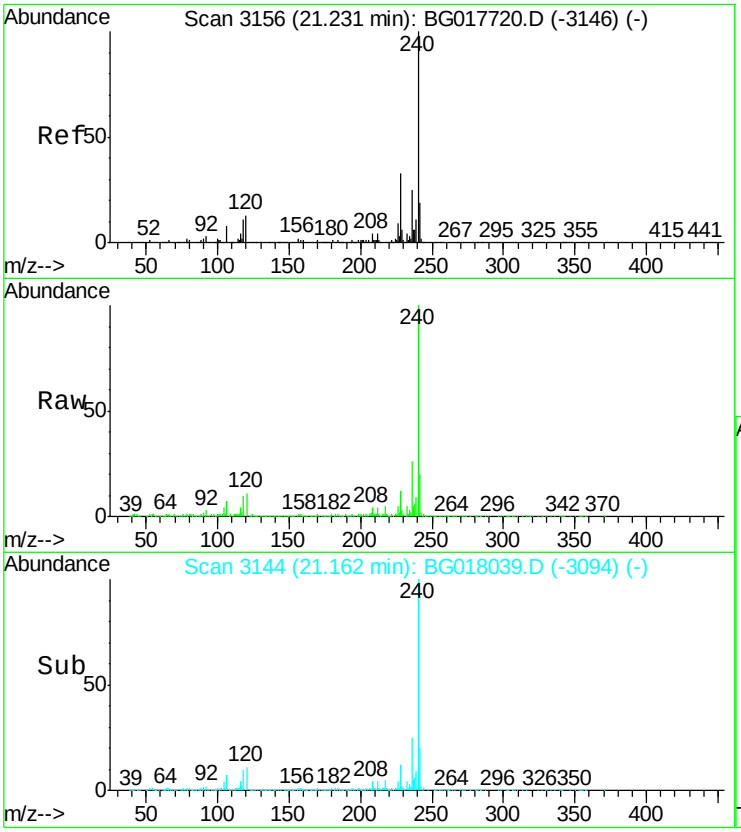


#74
Fluoranthene
Concen: 11.28 ng
RT: 19.03 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:202 Resp: 229057

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.3
203	17.9	0.0	39.5



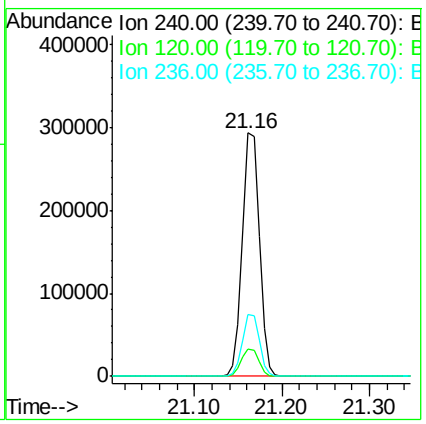


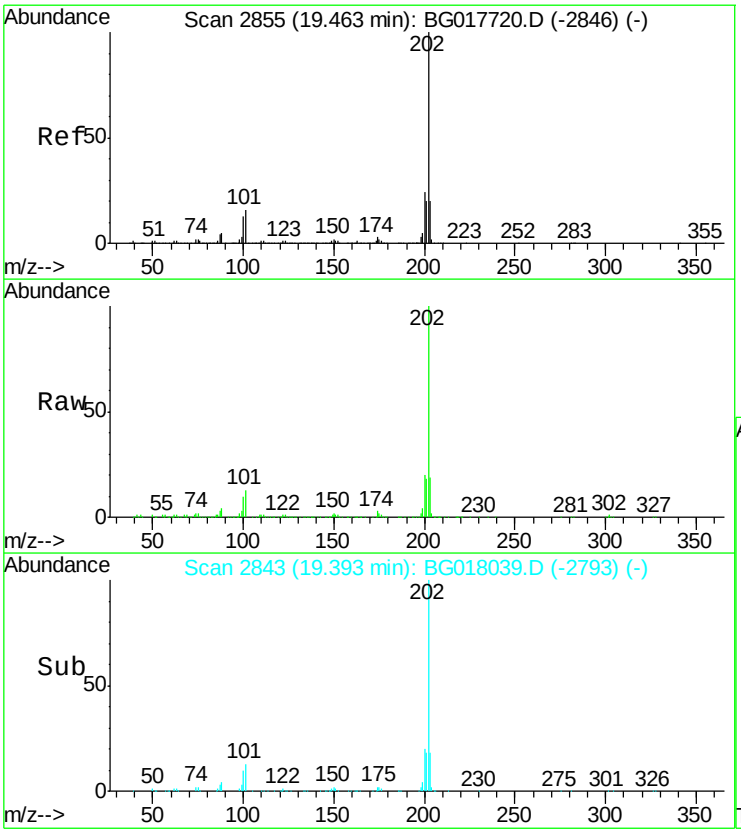
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:240 Resp: 382534

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.8	16.2
236	25.6	20.0	30.0

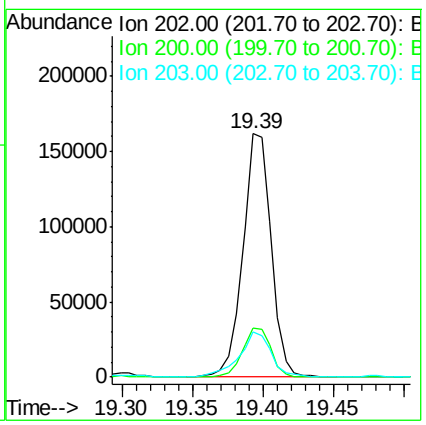


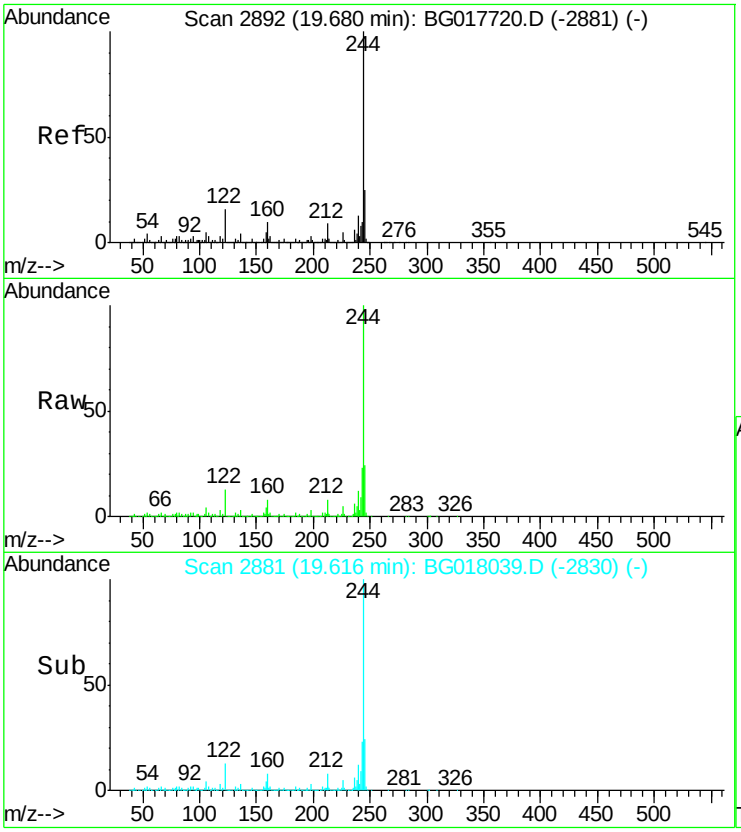


#77
Pyrene
Concen: 10.58 ng
RT: 19.39 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:202 Resp: 225685

Ion	Ratio	Lower	Upper
202	100		
200	20.1	18.8	28.2
203	18.5	15.9	23.9



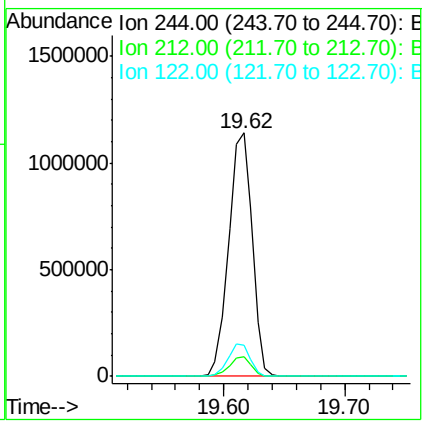


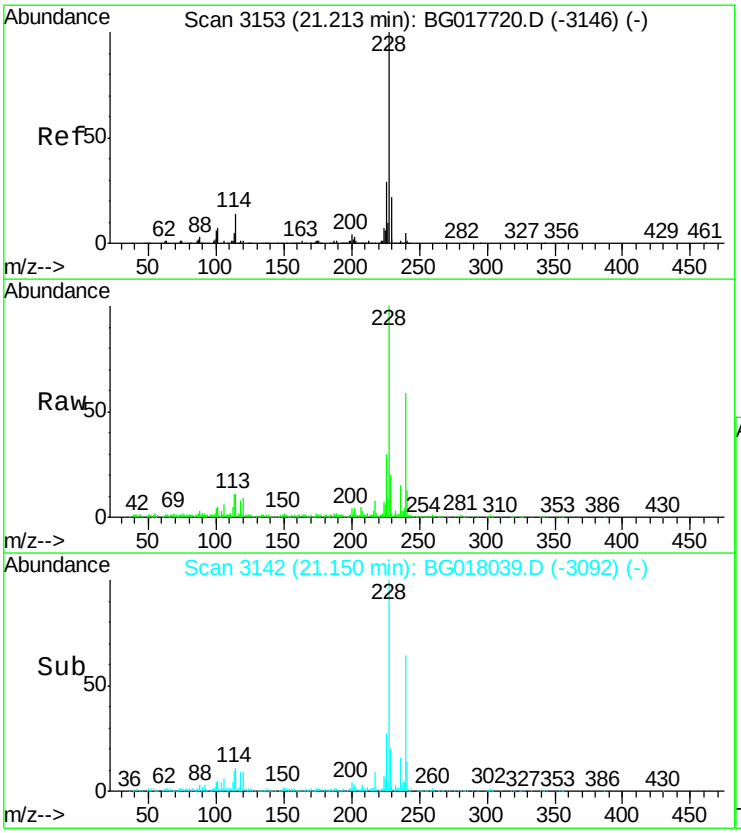
#78
Terphenyl-d14
Concen: 101.61 ng
RT: 19.62 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:244 Resp: 1543008

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.2	10.8
122	12.8	12.8	19.2

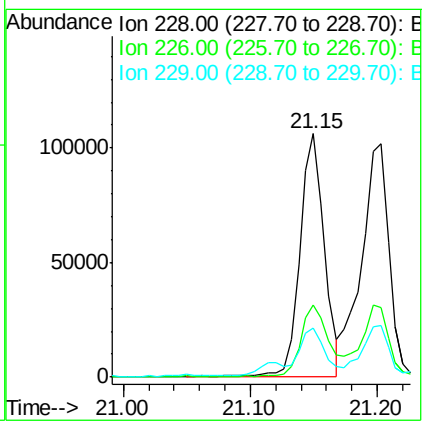


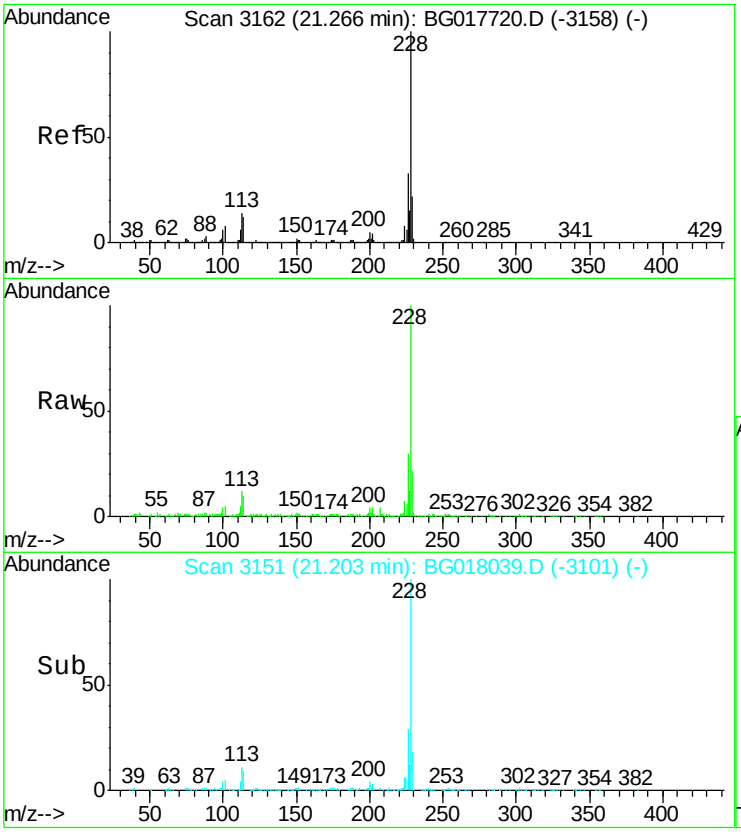


#80
Benzo(a)anthracene
Concen: 6.95 ng
RT: 21.15 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:228 Resp: 140317

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	20.3	17.4	26.0



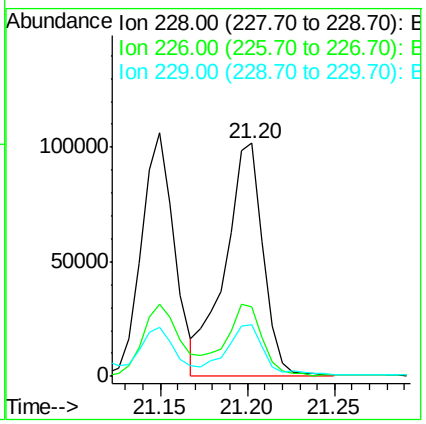


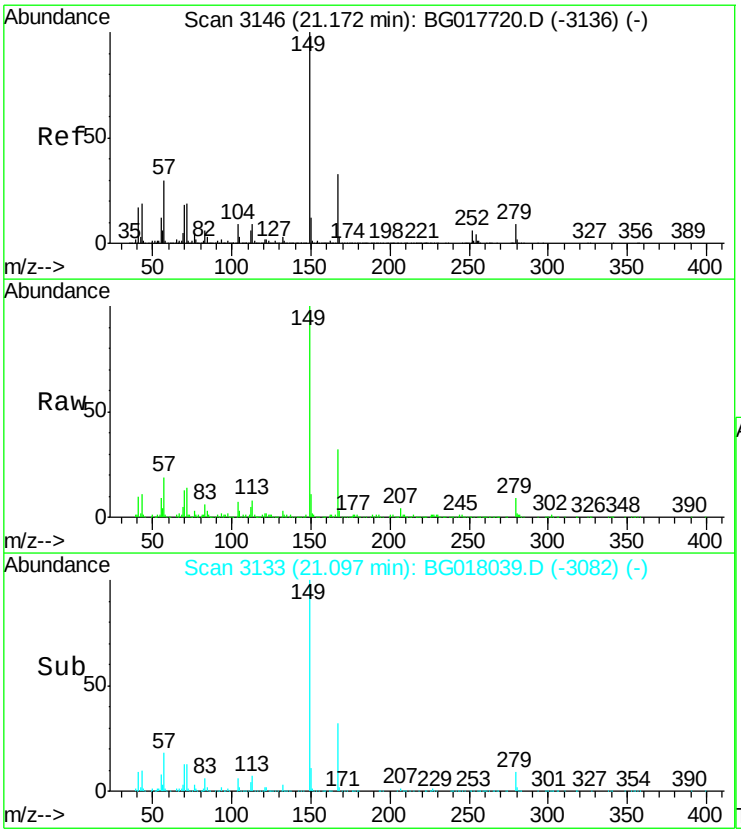
#82
Chrysene
Concen: 8.09 ng m
RT: 21.20 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:228 Resp: 155664

Ion	Ratio	Lower	Upper
228	100		
226	30.0	26.1	39.1
229	22.0	17.7	26.5

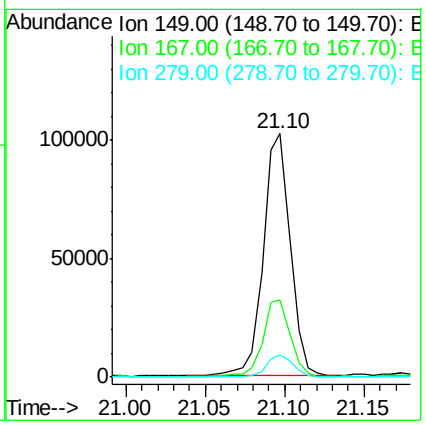


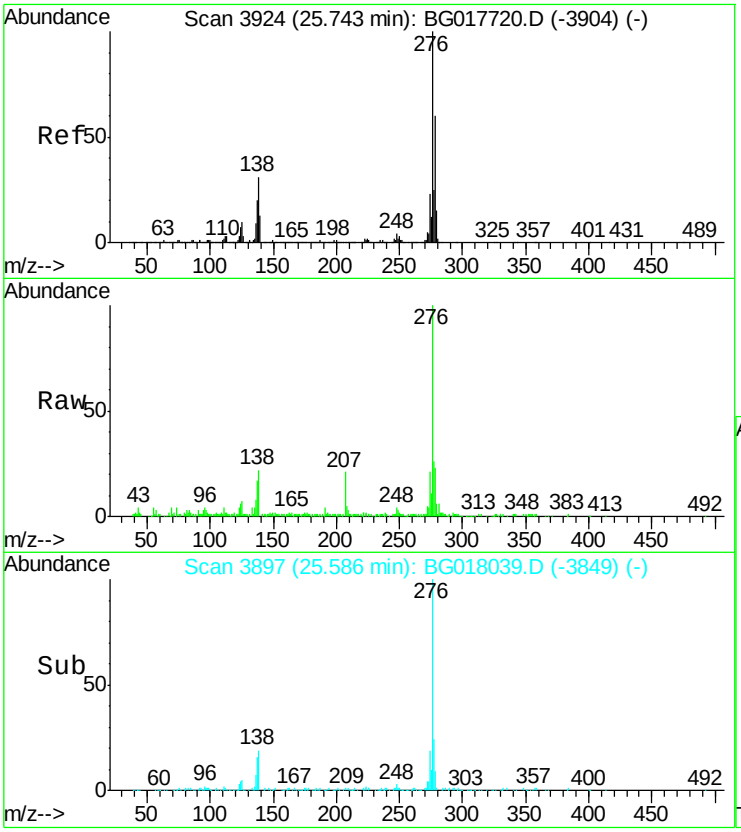


#83
Bis(2-ethylhexyl)phthalate
Concen: 9.26 ng
RT: 21.10 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:149 Resp: 121774

Ion	Ratio	Lower	Upper
149	100		
167	31.9	26.6	39.8
279	9.1	6.9	10.3



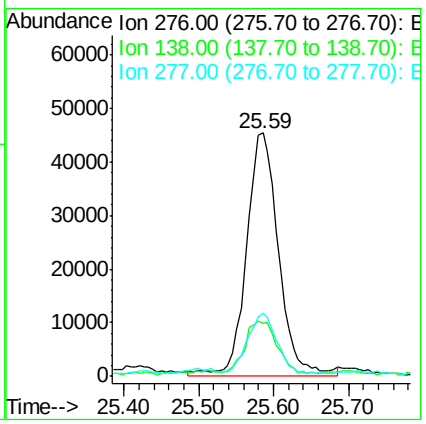


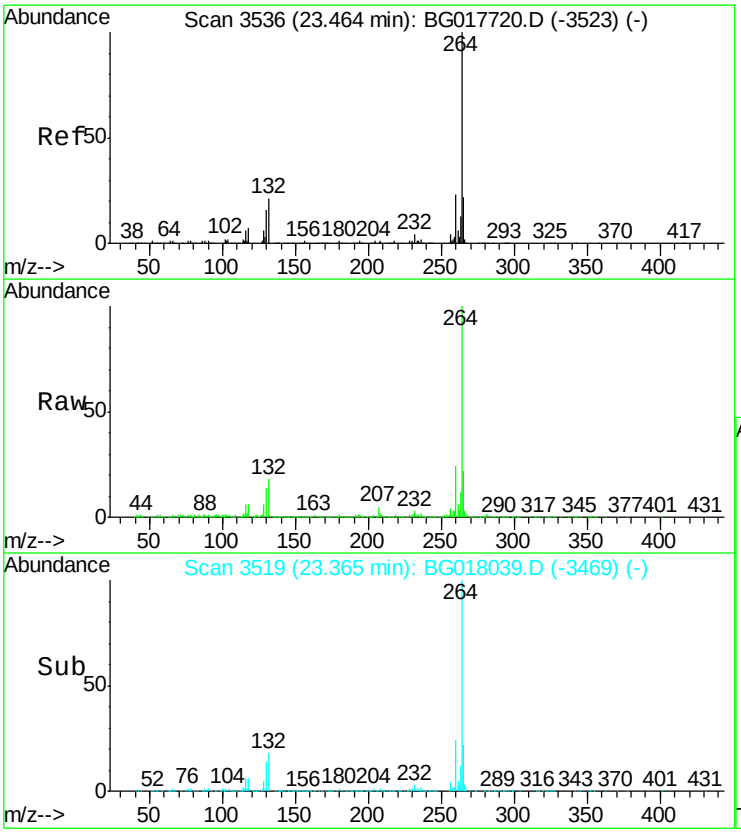
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.84 ng m
RT: 25.59 min Scan# 3897
Delta R.T. -0.02 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:276 Resp: 135827

Ion	Ratio	Lower	Upper
276	100		
138	2.7	25.4	38.0#
277	3.1	21.0	31.4#

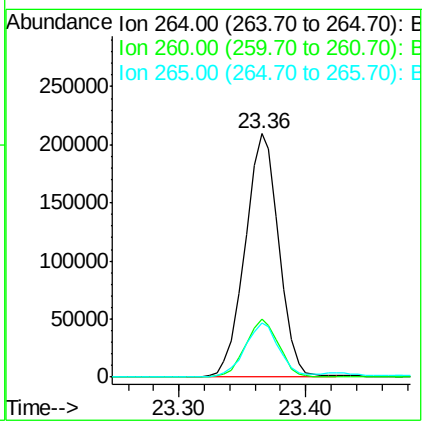


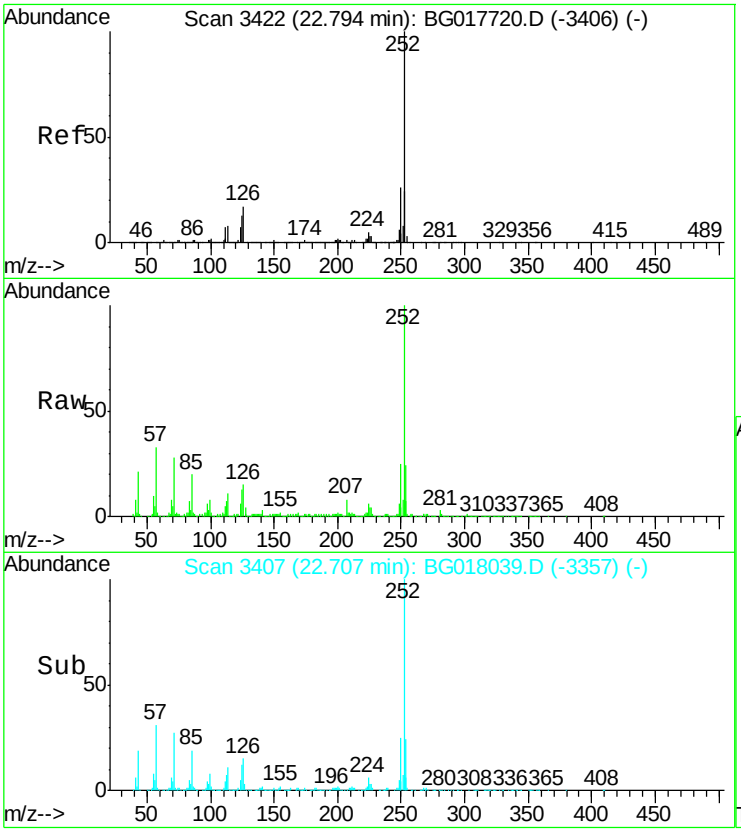


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:264 Resp: 386439

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.3	18.2	27.2



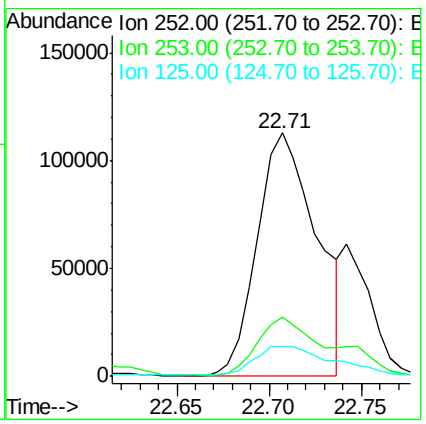


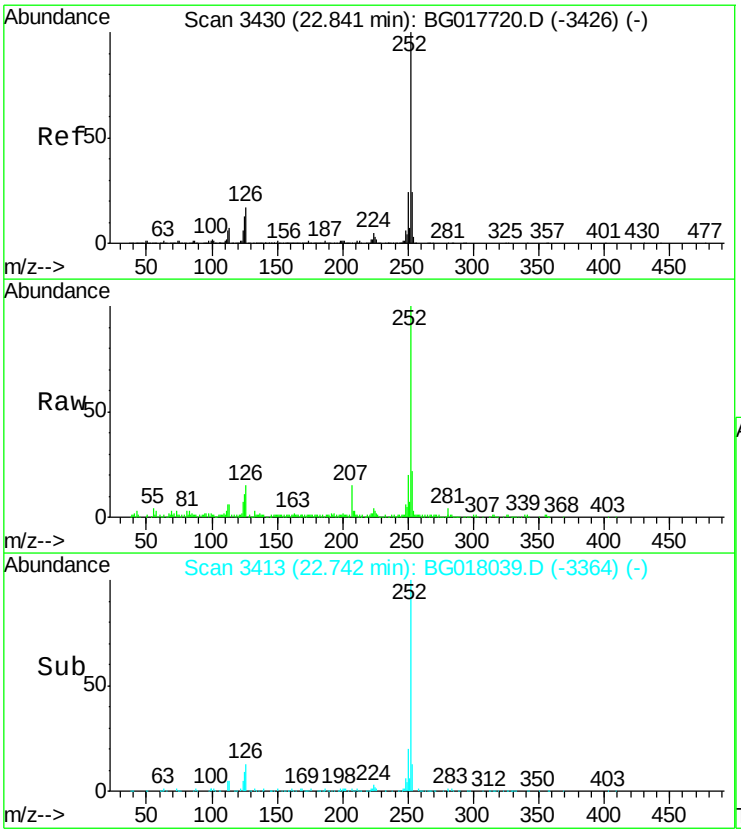
#87
Benzo(b)fluoranthene
Concen: 12.04 ng m
RT: 22.71 min Scan# 3407
Delta R.T. -0.00 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:252 Resp: 254479

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	12.5	10.6	15.8

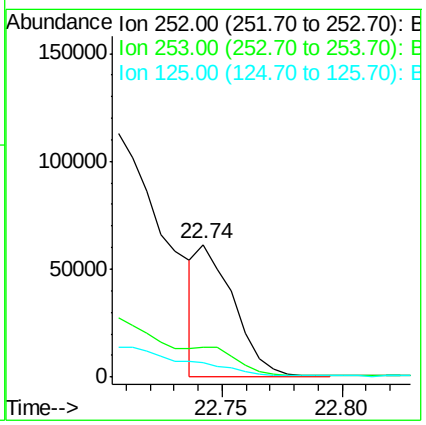


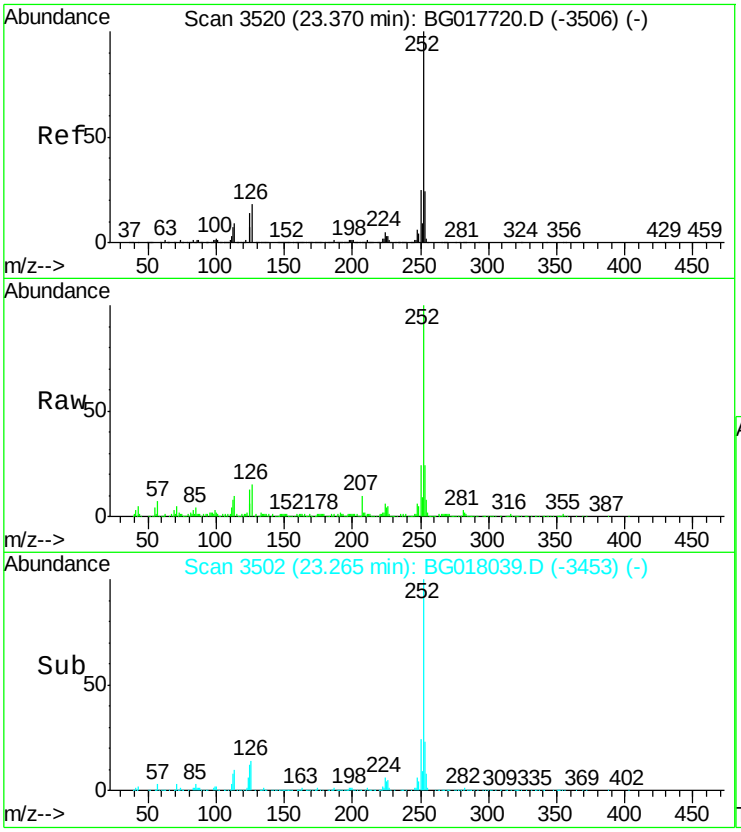


#88
Benzo(k)fluoranthene
Concen: 3.14 ng m
RT: 22.74 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:252 Resp: 66288

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.0	28.6
125	11.2	10.3	15.5



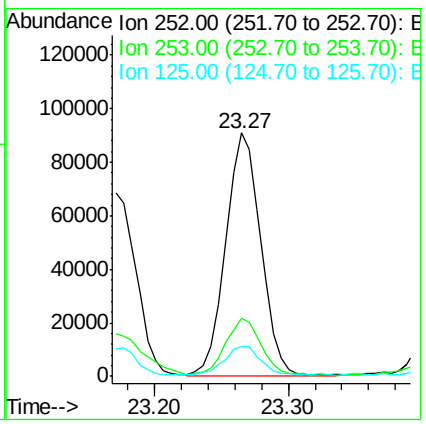


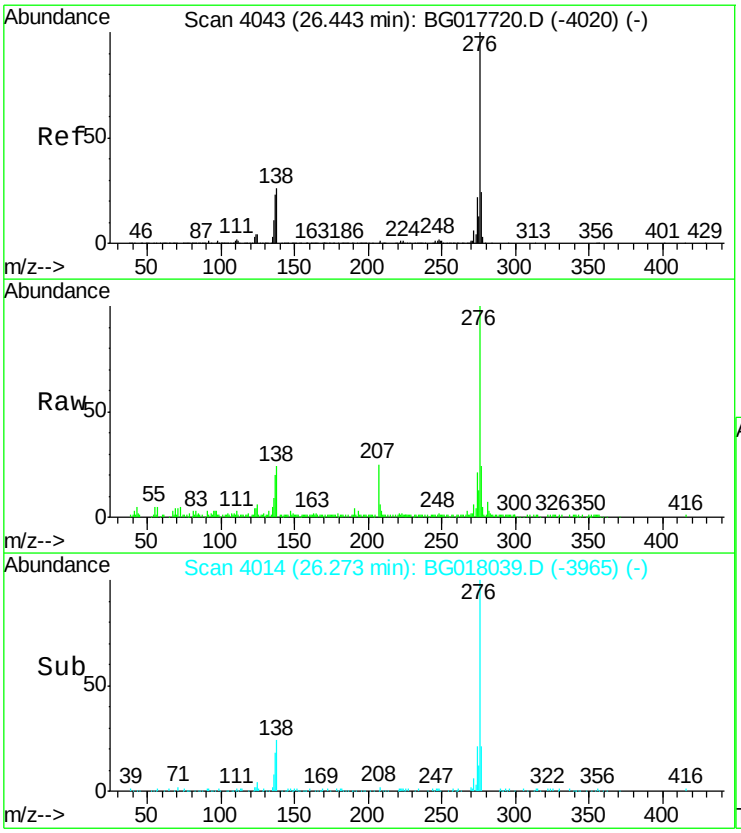
#89
Benzo(a)pyrene
Concen: 8.41 ng
RT: 23.27 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Instrument :
BNA_G
ClientSampleId :
SB-2(3-5)

Tgt Ion:252 Resp: 165623

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	12.5	11.1	16.7





#91
Benzo(g,h,i)perylene
Concen: 6.35 ng
RT: 26.27 min Scan# 4014
Delta R.T. -0.01 min
Lab File: BG018039.D
Acq: 22 Jul 2015 2:32

Tgt Ion:276 Resp: 125107

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	24.3	20.8	31.2