Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

Quant Time: Jul 22 07:58:07 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	57822	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	271323	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	168450	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	334263	20.00	ng	0.00
75) Chrysene-d12	21.17	240	361497	20.00	ng	0.00
86) Perylene-d12	23.36	264	363116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	404359	121.99	ng	0.00
7) Phenol-d6	6.74	99	570166	131.30	ng	0.00
23) Nitrobenzene-d5	8.70	82	345169	82.40	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	252737	148.09	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	865156	89.00	ng	0.00
78) Terphenyl-d14	19.62	244	1162357	80.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.68	163	135310	11.56	ng	99
70) Phenanthrene	17.01	178	59417	3.45	ng	97
74) Fluoranthene	19.03	202	97047	5.14	ng	95
77) Pyrene	19.40	202	90540	4.49	ng	93
80) Benzo(a)anthracene	21.15	228	51646	2.70	ng	96
82) Chrysene	21.20	228	47380	2.61	ng	98
87) Benzo(b)fluoranthene	22.70	252	88694	4.46	ng	98
88) Benzo(k)fluoranthene	22.70	252	88694	4.47	ng	99
89) Benzo(a)pyrene	23.26	252	48952	2.64	ng	99

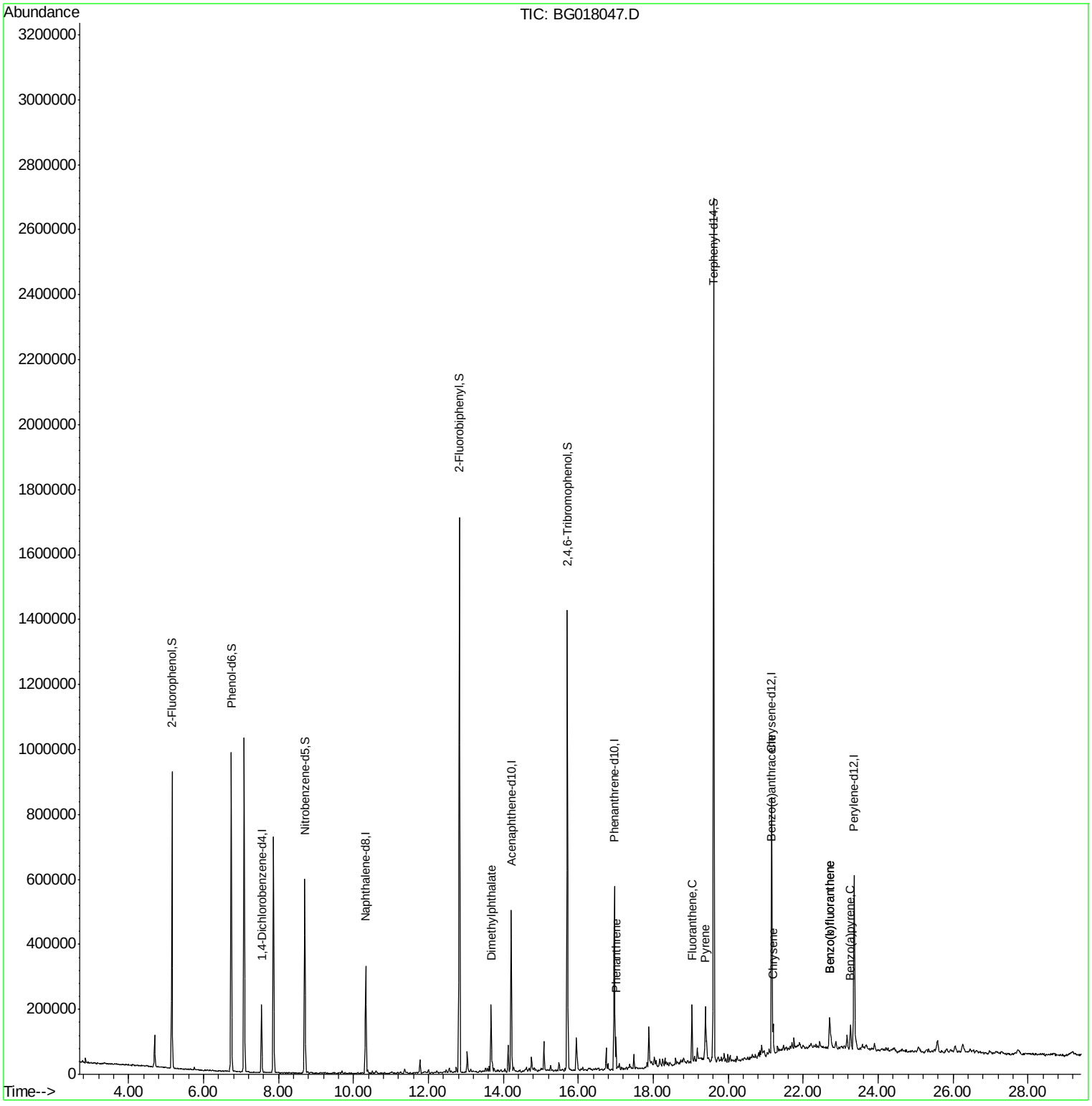
(#) = qualifier out of range (m) = manual integration (+) = signals summed

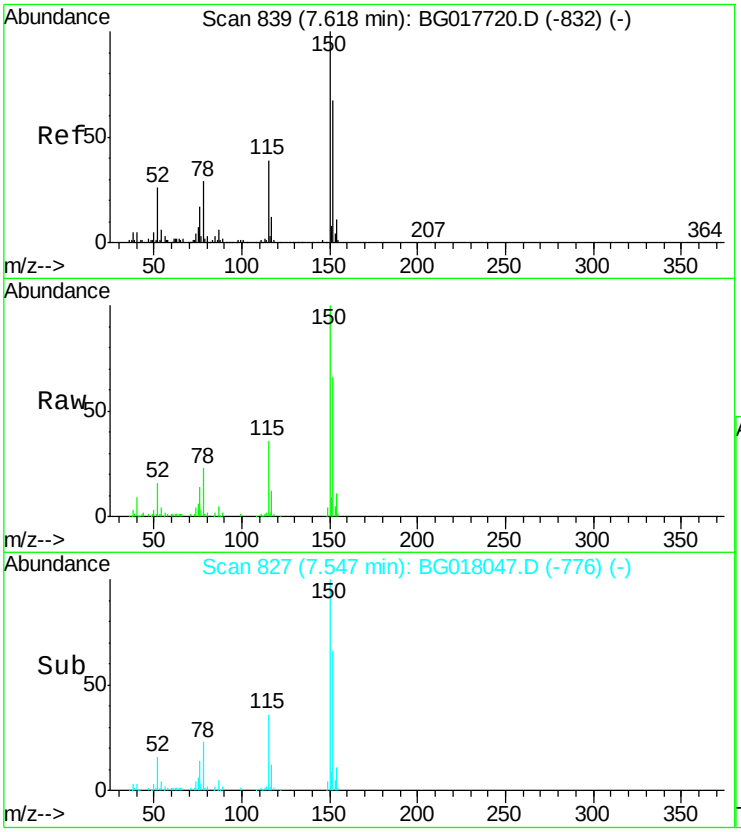
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Quant Time: Jul 22 07:58:07 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



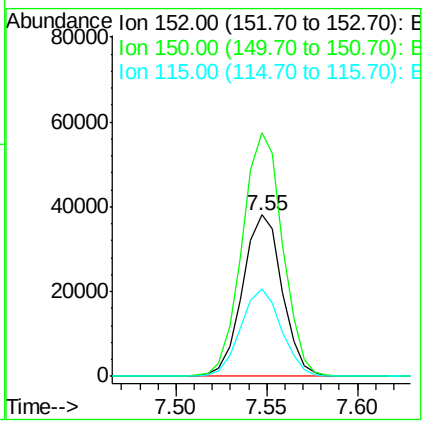


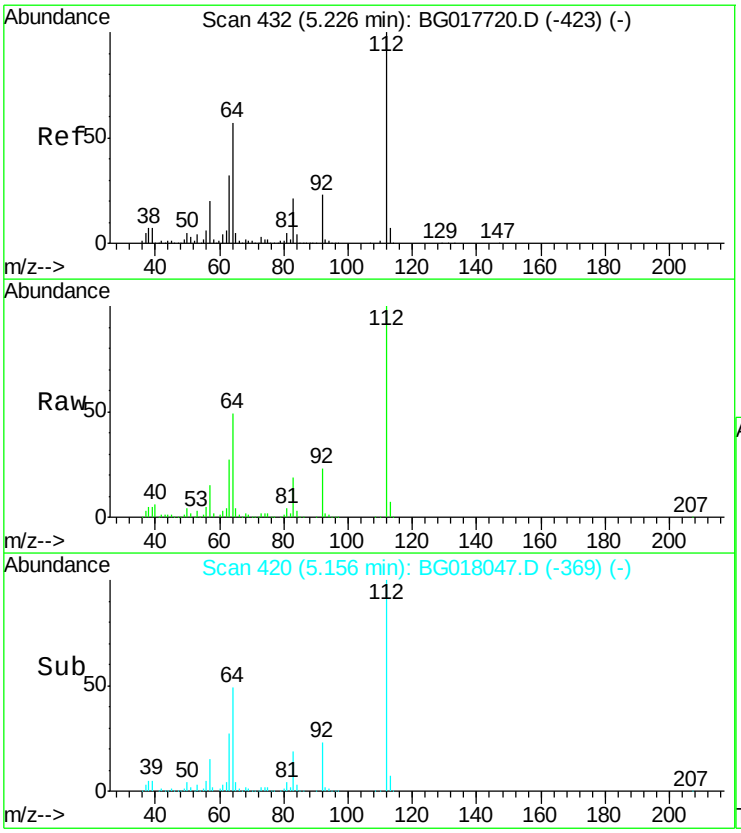
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:152 Resp: 57822

Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.1	178.7
115	54.1	47.0	70.4

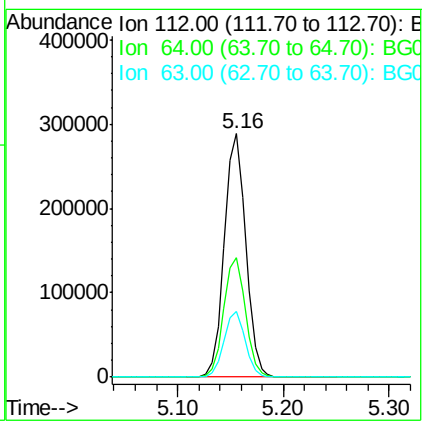


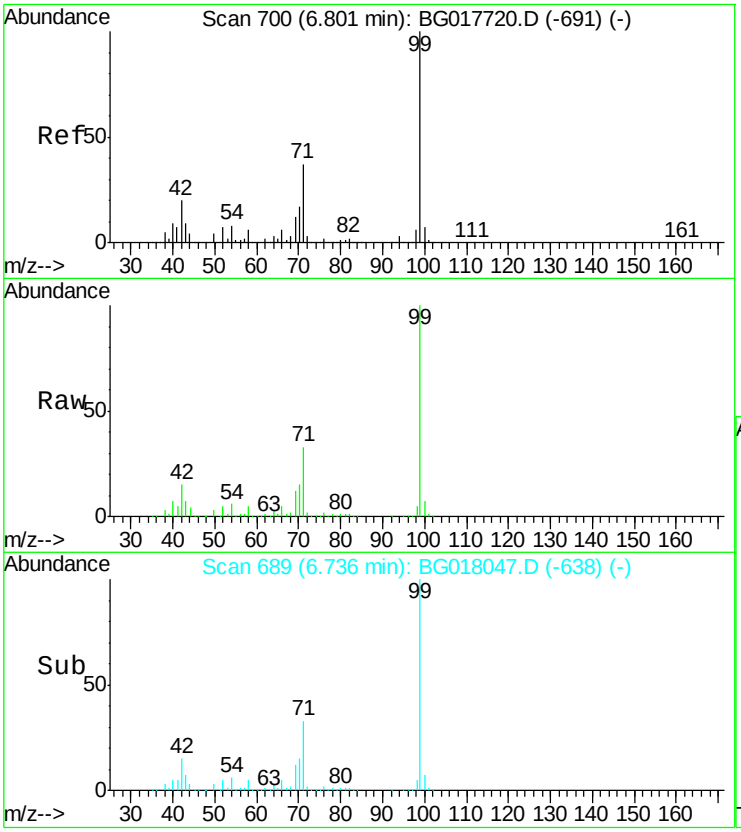


#5
2-Fluorophenol
Concen: 121.99 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:112 Resp: 404359

Ion	Ratio	Lower	Upper
112	100		
64	49.3	45.4	68.0
63	27.2	25.3	37.9



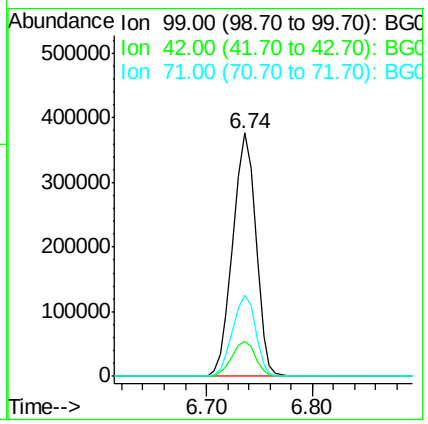


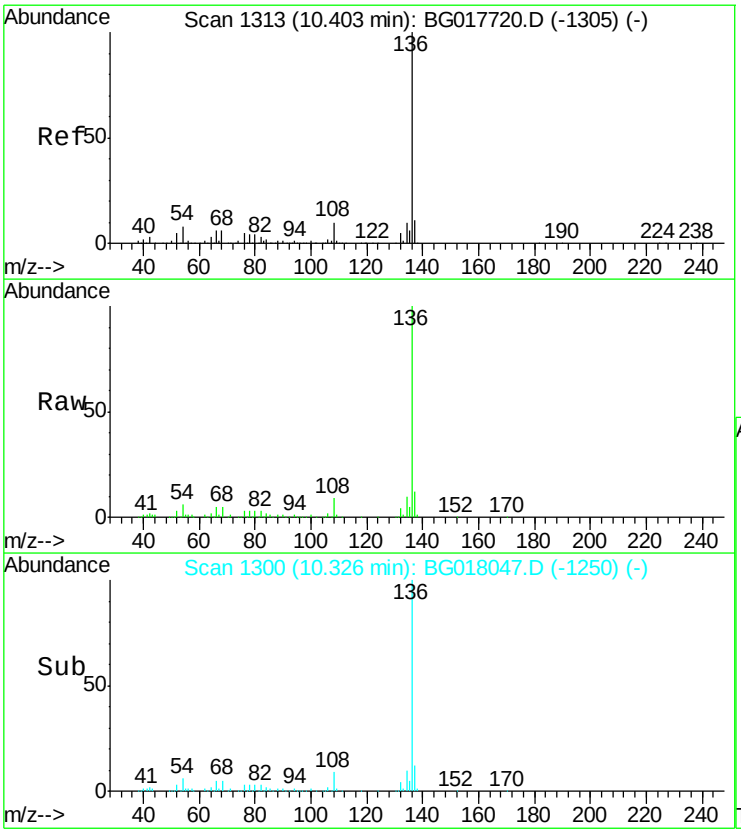
#7
Phenol-d6
Concen: 131.30 ng
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion: 99 Resp: 570166

Ion	Ratio	Lower	Upper
99	100		
42	14.5	16.2	24.4#
71	33.4	29.5	44.3

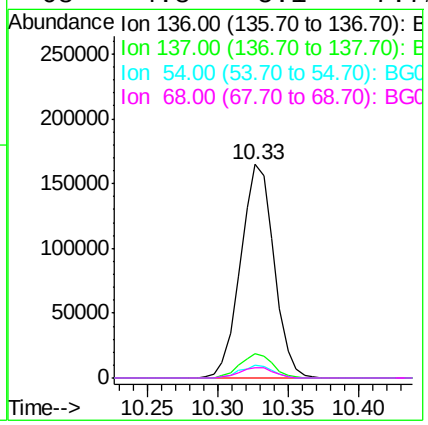


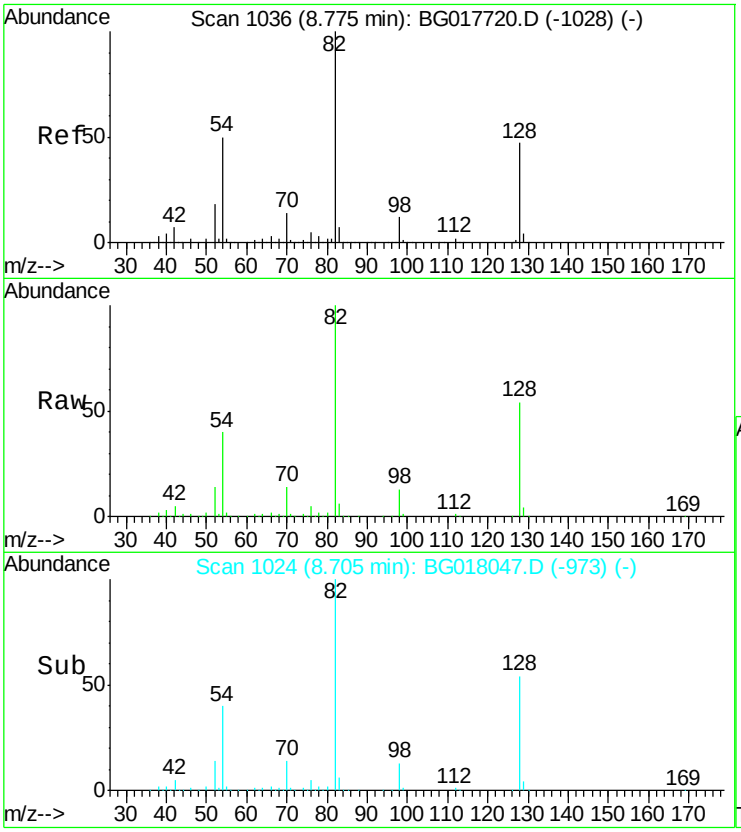


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.33 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:136 Resp: 271323

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	5.8	6.6	9.8#
68	4.8	5.1	7.7#



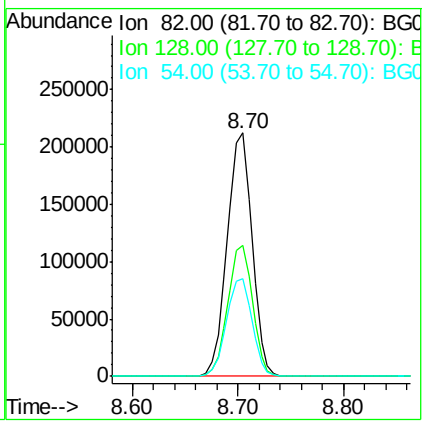


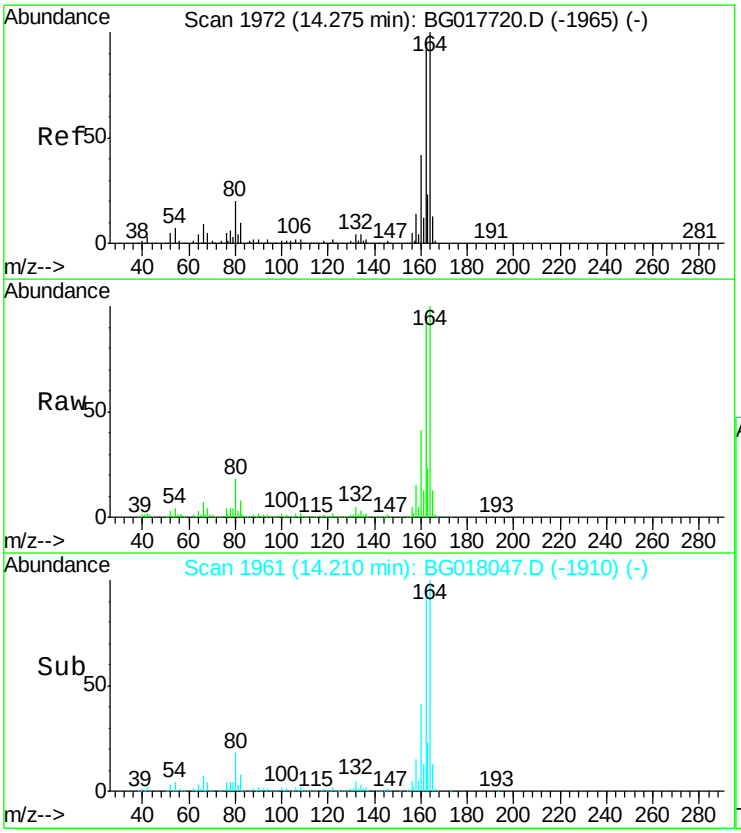
#23
Nitrobenzene-d5
Concen: 82.40 ng
RT: 8.70 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion: 82 Resp: 345169

Ion	Ratio	Lower	Upper
82	100		
128	53.6	37.8	56.6
54	39.9	39.9	59.9

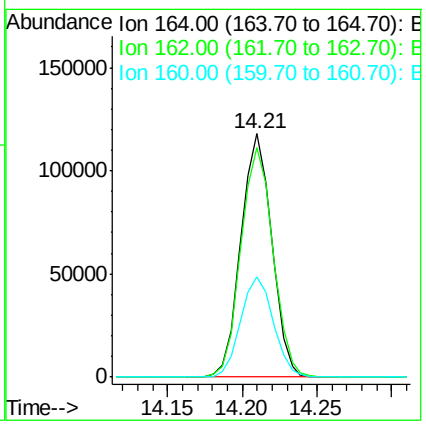


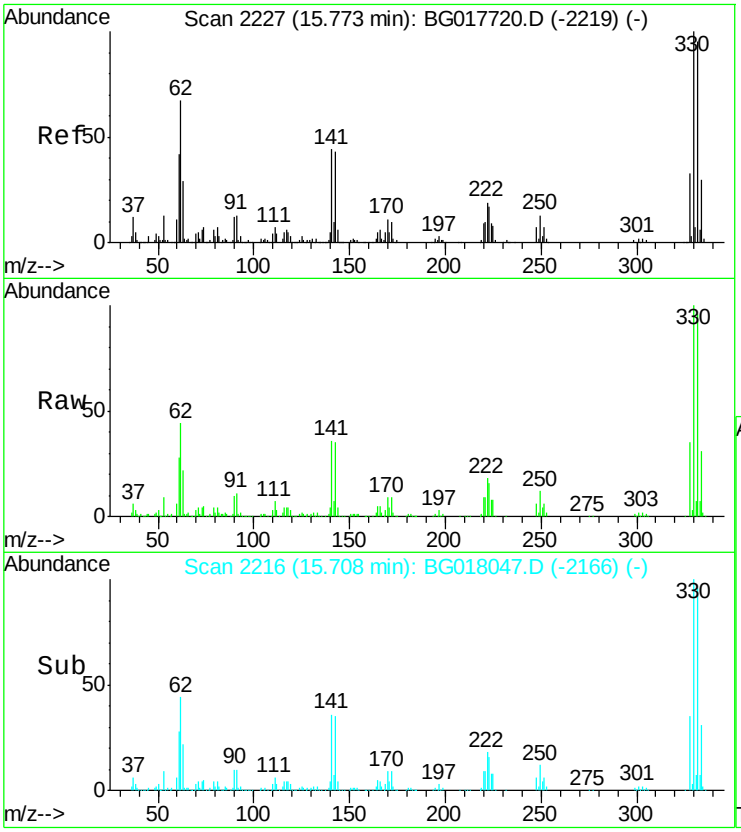


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:164 Resp: 168450

Ion	Ratio	Lower	Upper
164	100		
162	94.3	76.3	114.5
160	41.0	33.7	50.5



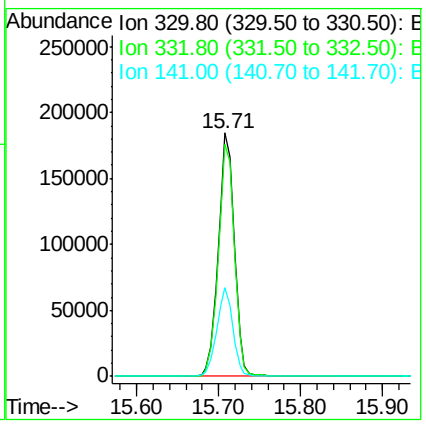


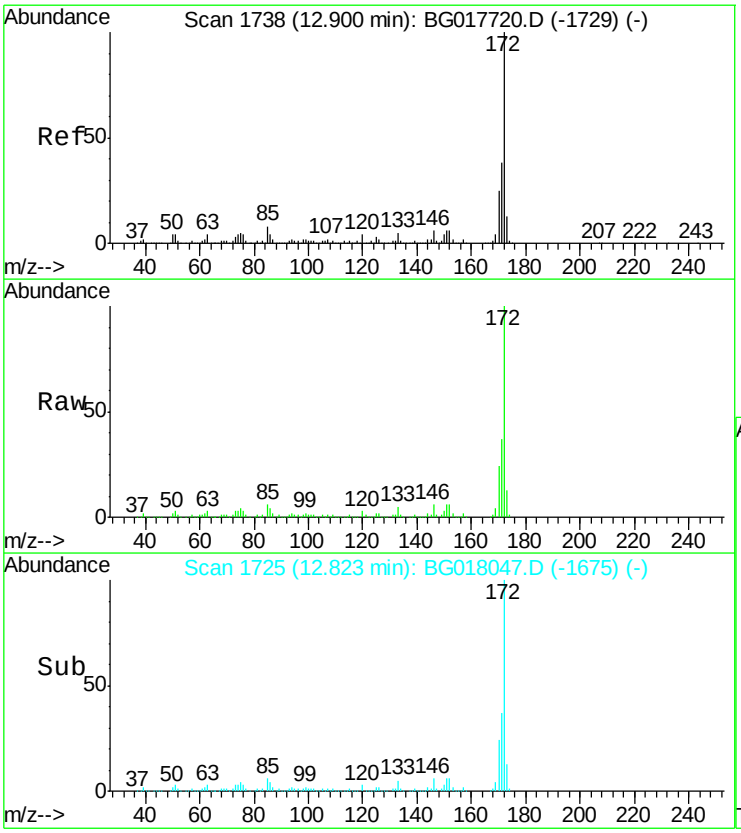
#41
2,4,6-Tribromophenol
Concen: 148.09 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:330 Resp: 252737

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	36.5	38.0	57.0#

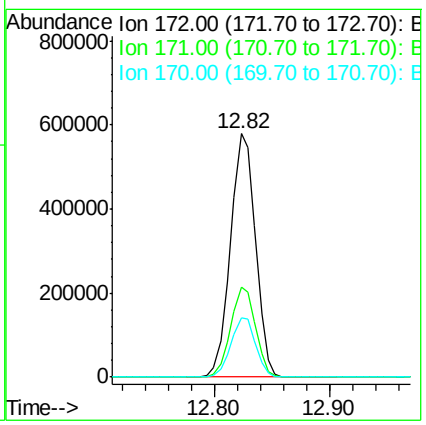


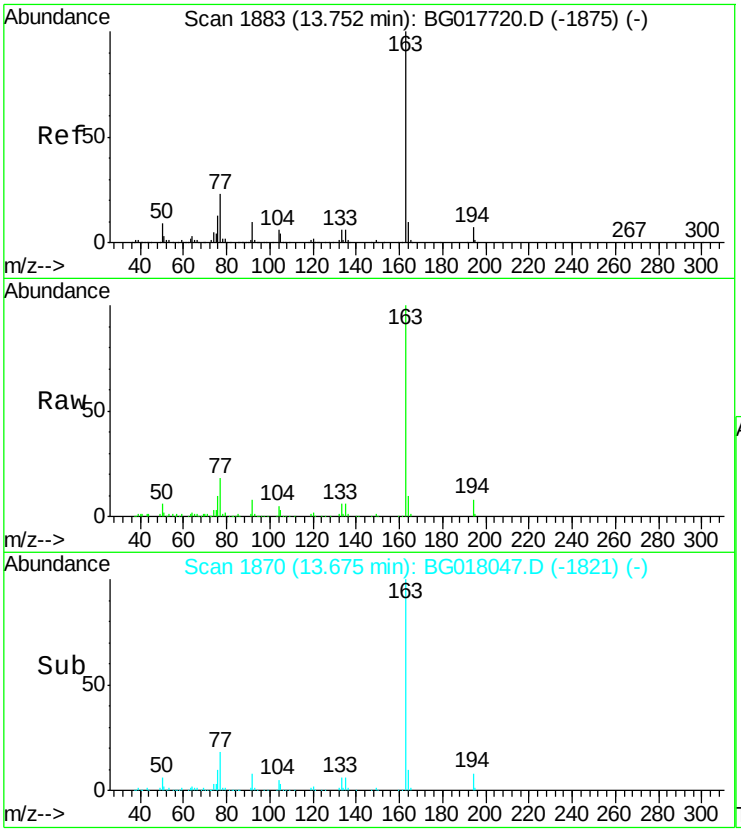


#44
2-Fluorobiphenyl
Concen: 89.00 ng
RT: 12.82 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:172 Resp: 865156

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.7	46.1
170	24.5	19.7	29.5



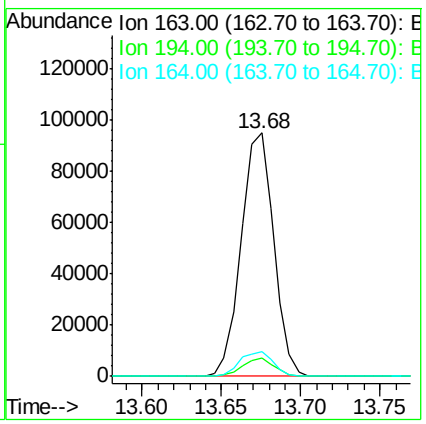


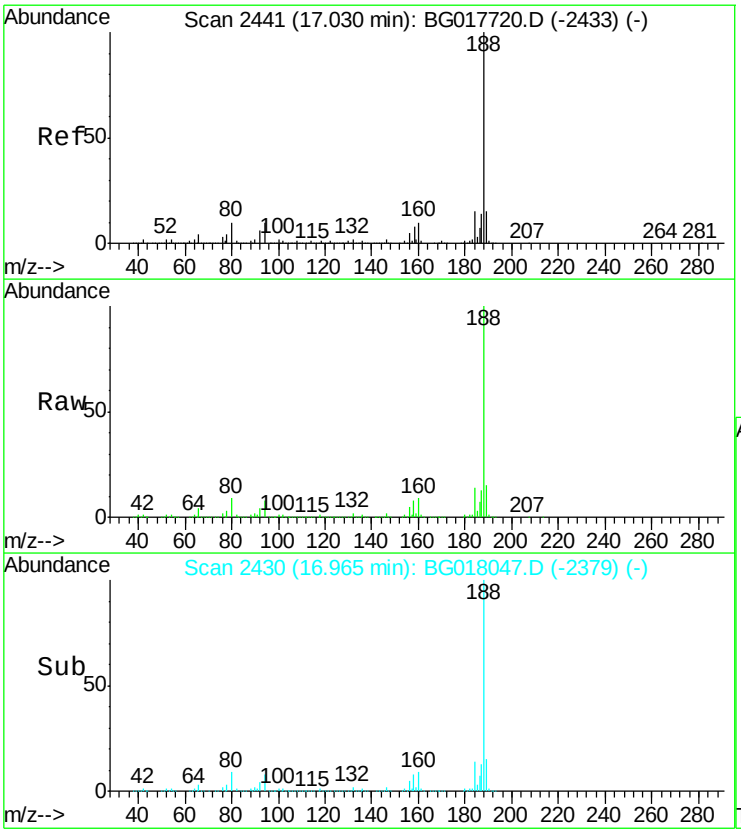
#49
Dimethylphthalate
Concen: 11.56 ng
RT: 13.68 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:163 Resp: 135310

Ion	Ratio	Lower	Upper
163	100		
194	7.7	5.8	8.6
164	10.2	8.3	12.5

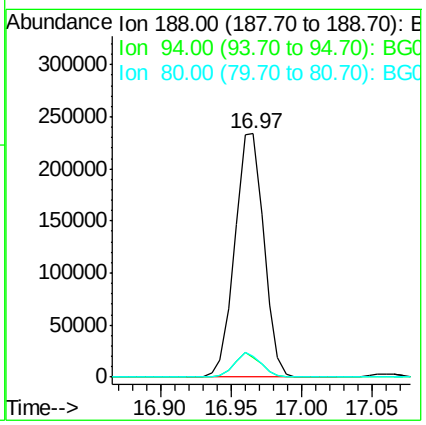


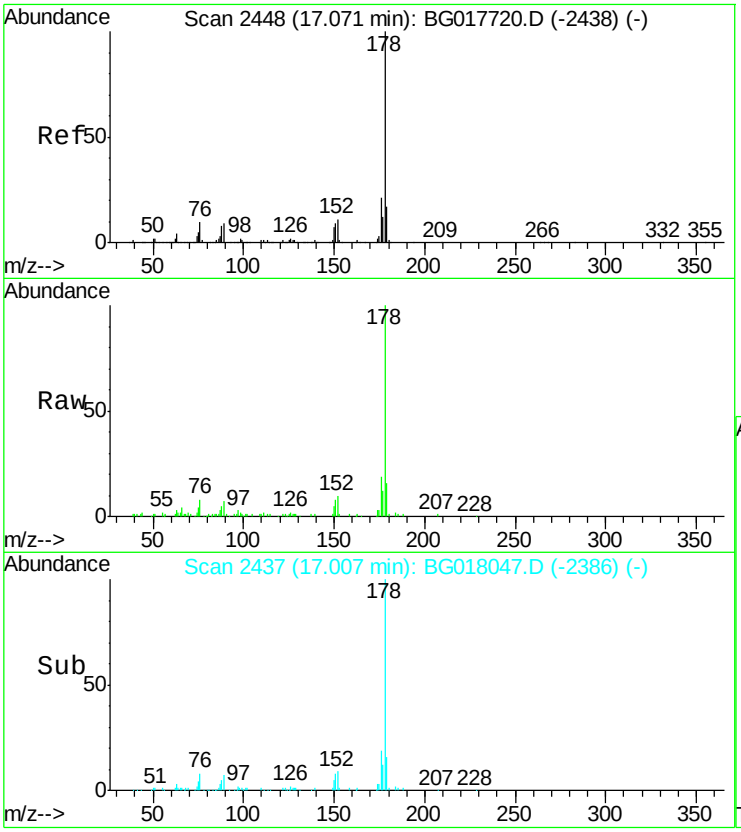


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:188 Resp: 334263

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.2	12.4



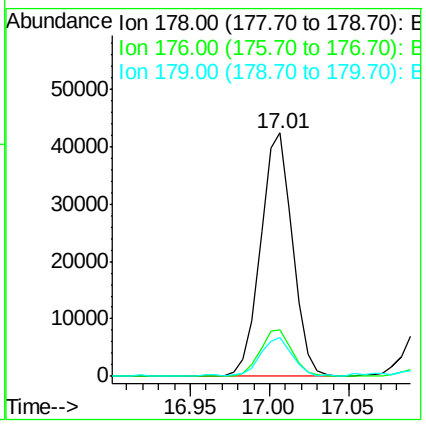


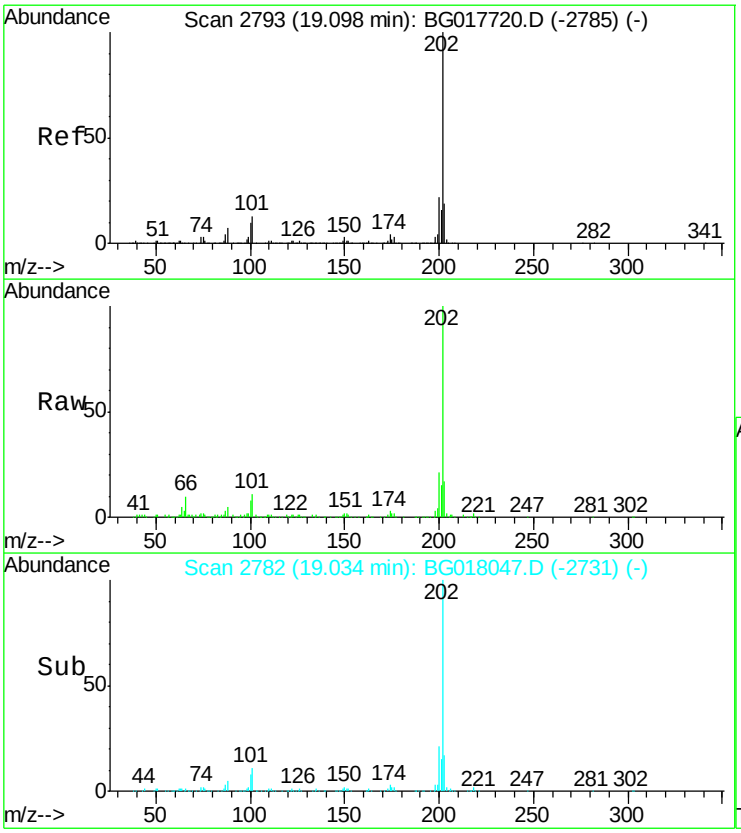
#70
Phenanthrene
Concen: 3.45 ng
RT: 17.01 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:178 Resp: 59417

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.5	24.7
179	15.9	13.5	20.3

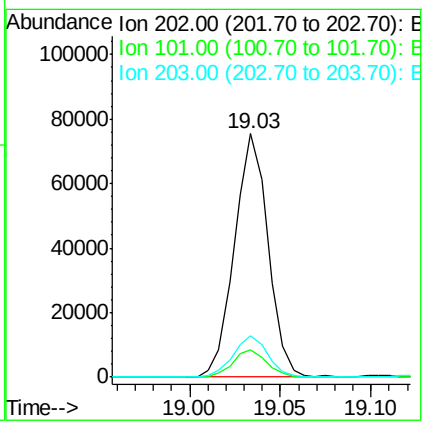


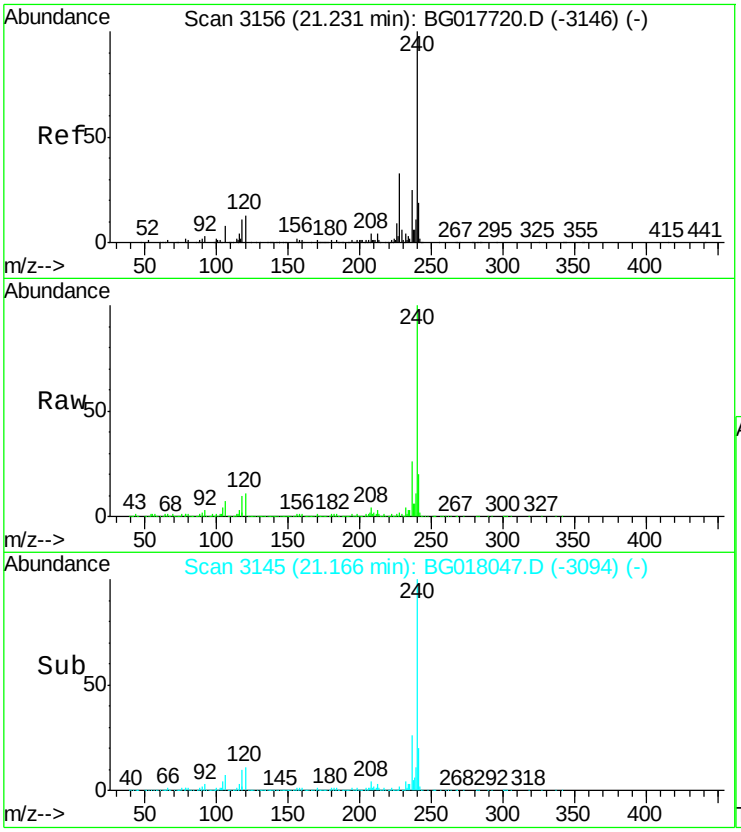


#74
Fluoranthene
Concen: 5.14 ng
RT: 19.03 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:202 Resp: 97047

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.3
203	17.2	0.0	39.5



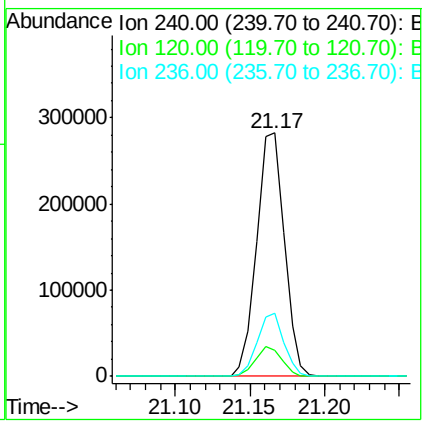


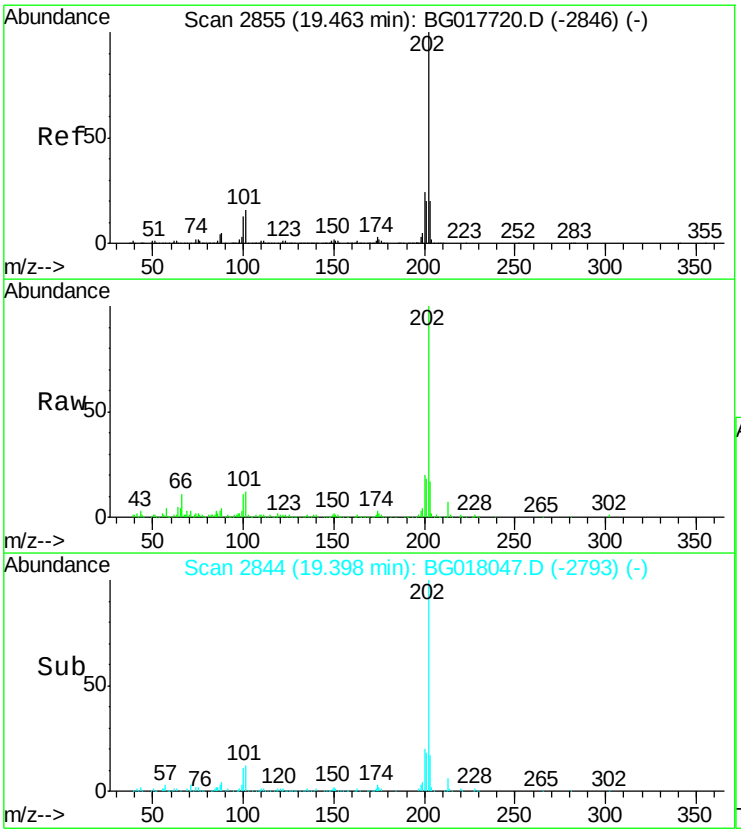
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:240 Resp: 361497

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.8	16.2
236	26.0	20.0	30.0

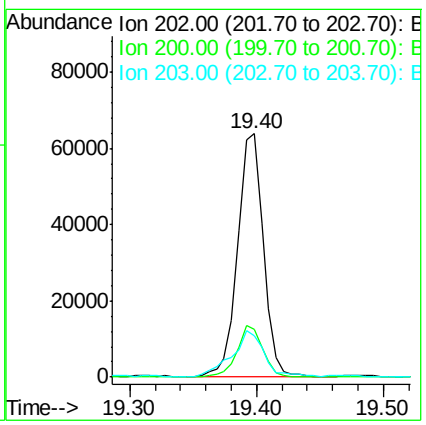


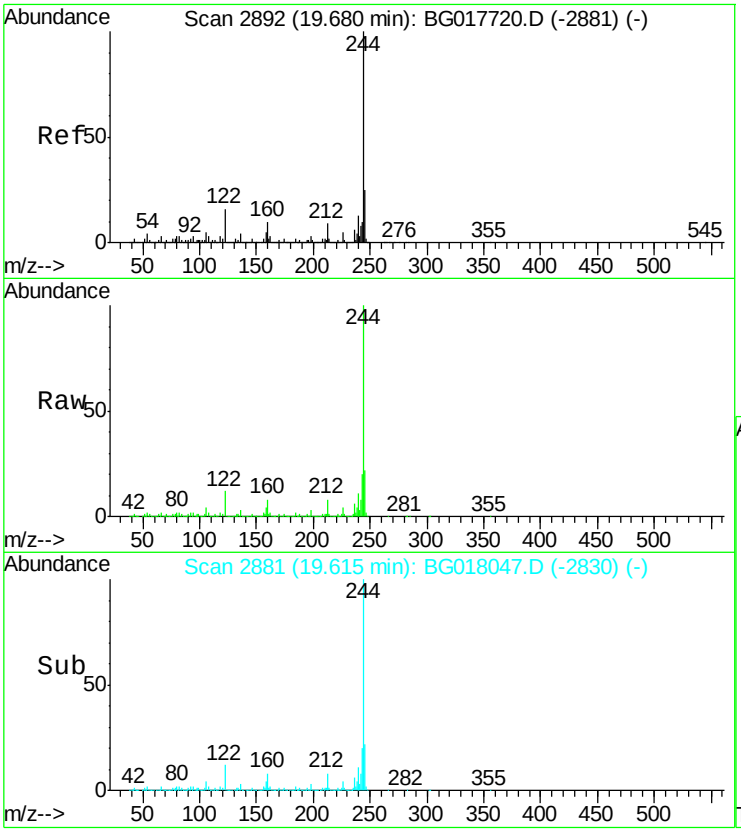


#77
Pyrene
Concen: 4.49 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:202 Resp: 90540

Ion	Ratio	Lower	Upper
202	100		
200	19.8	18.8	28.2
203	17.1	15.9	23.9



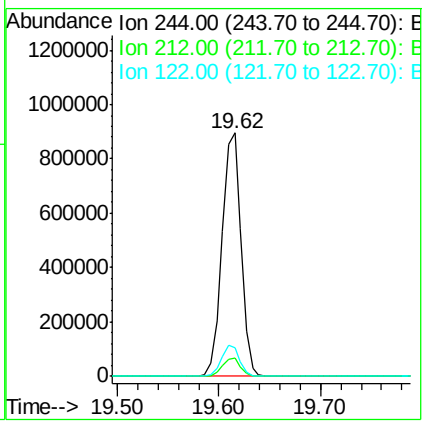


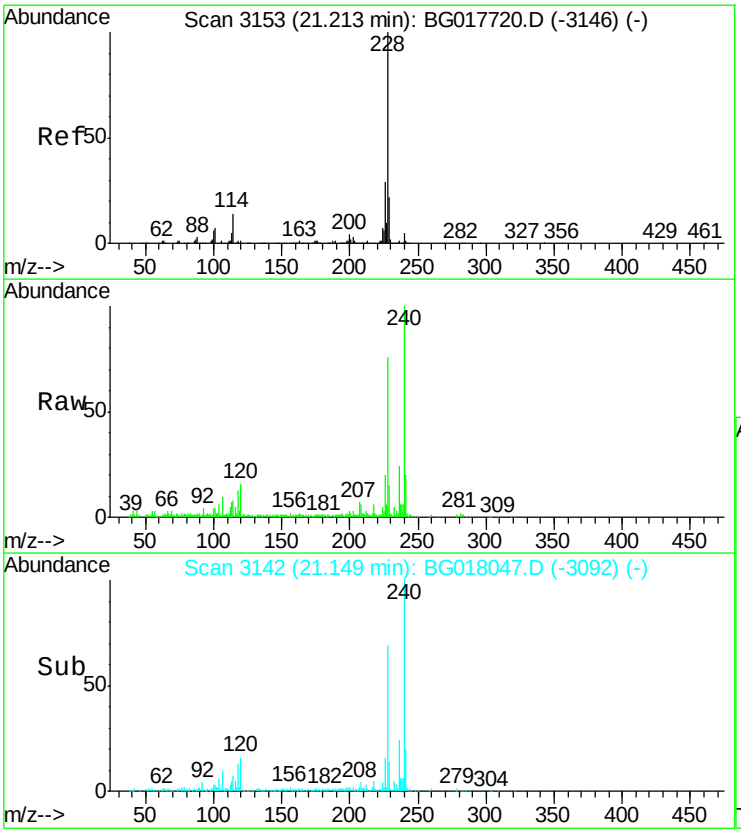
#78
Terphenyl-d14
Concen: 80.99 ng
RT: 19.62 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:244 Resp: 1162357

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.2	10.8
122	11.8	12.8	19.2#

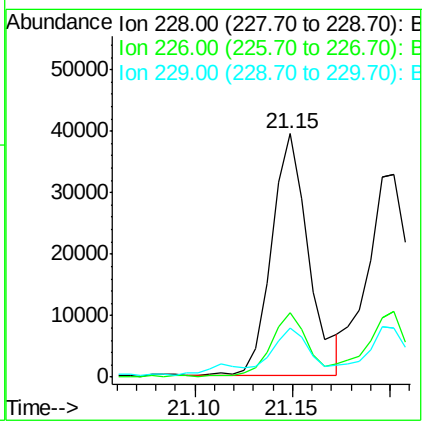


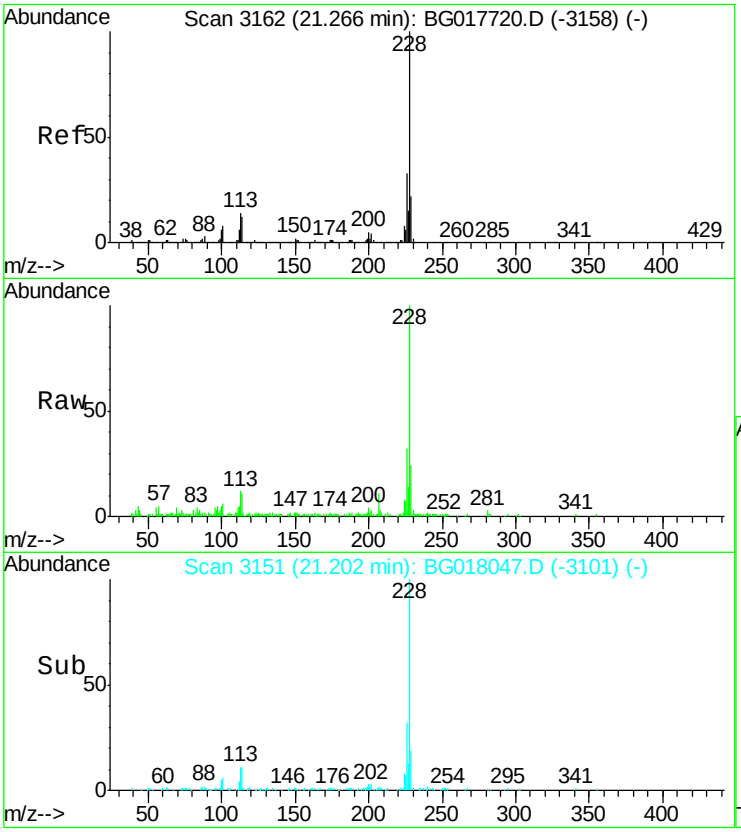


#80
Benzo(a)anthracene
Concen: 2.70 ng
RT: 21.15 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:228 Resp: 51646

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.1	34.7
229	20.2	17.4	26.0



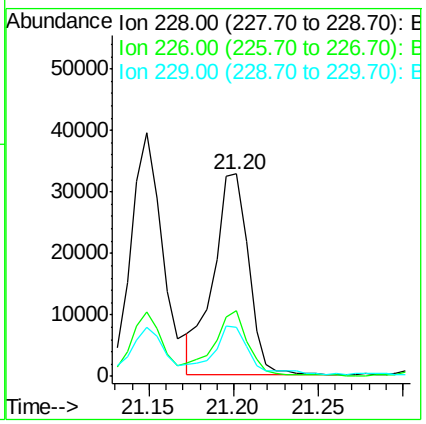


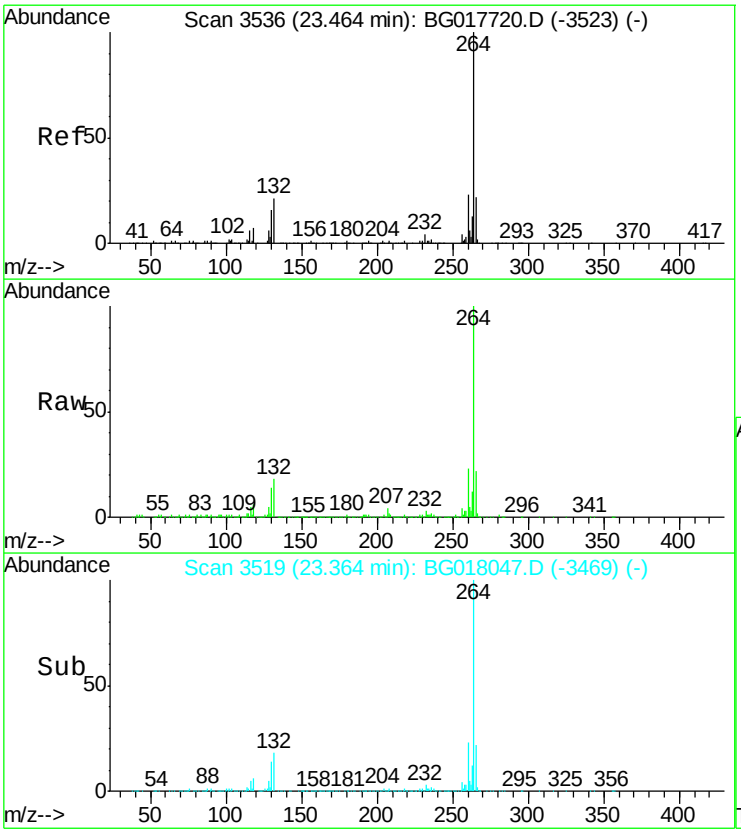
#82
Chrysene
Concen: 2.61 ng
RT: 21.20 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:228 Resp: 47380

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.1	39.1
229	24.3	17.7	26.5

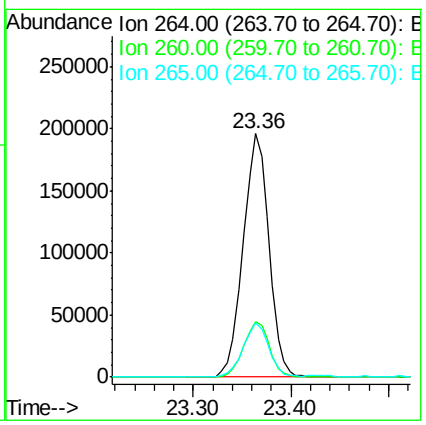


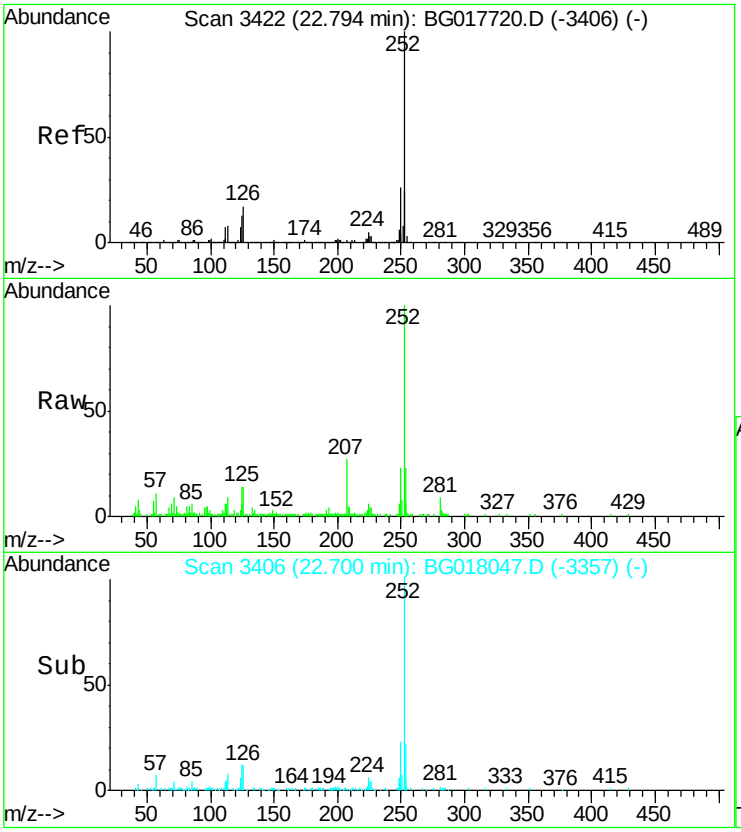


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3519
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:264 Resp: 363116

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.4	18.2	27.2



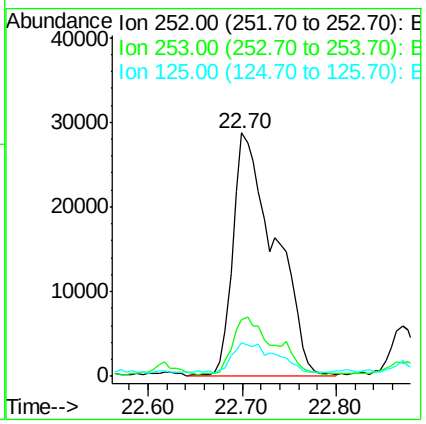


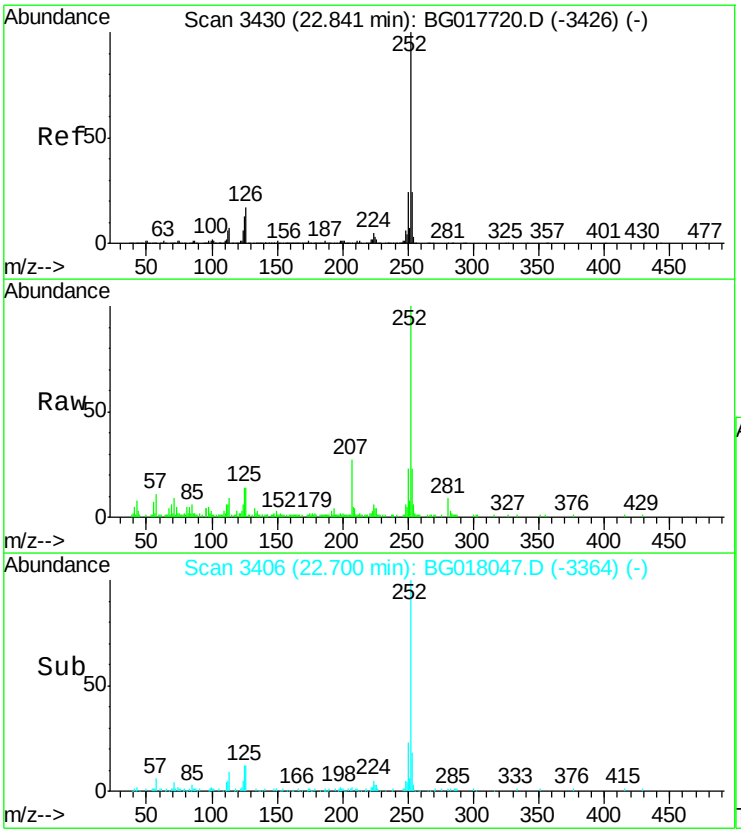
#87
Benzo(b)fluoranthene
Concen: 4.46 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:252 Resp: 88694

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	13.6	10.6	15.8

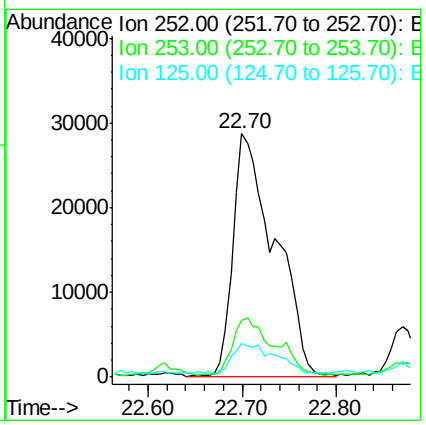


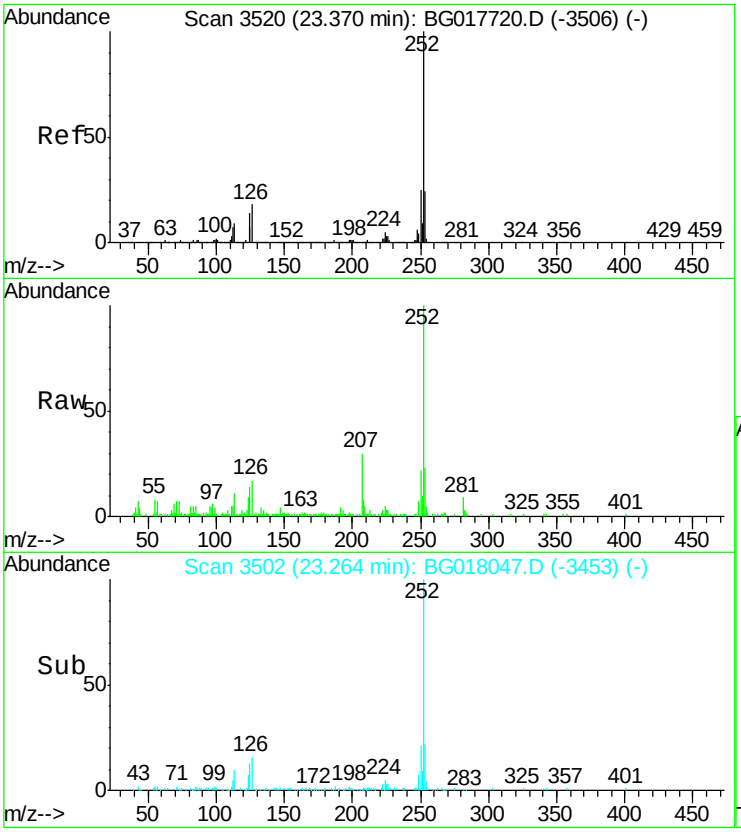


#88
Benzo(k)fluoranthene
Concen: 4.47 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.05 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Tgt Ion:252 Resp: 88694

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	13.6	10.3	15.5





#89
Benzo(a)pyrene
Concen: 2.64 ng
RT: 23.26 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BG018047.D
Acq: 22 Jul 2015 7:19

Instrument :
BNA_G
ClientSampleId :
SB-10-3.0-3.5

Tgt Ion:252 Resp: 48952

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.6
125	14.0	11.1	16.7