Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021787.D
Acq On : 20 Apr 2016 16:24
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 21 01:07:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	45540	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	194176	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	109697	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	225062	20.00	ng		0.00
75) Chrysene-d12	21.84	240	246026	20.00	ng		0.00
86) Perylene-d12	25.18	264	173316	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	156842	57.35	ng		0.00
7) Phenol-d6	7.37	99	225379	55.17	ng		0.00
23) Nitrobenzene-d5	9.38	82	140240	37.12	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	66941	56.62	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	278507	37.20	ng		0.00
78) Terphenyl-d14	20.15	244	305836	31.02	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.27	163	51310	5.41	ng		97
70) Phenanthrene	17.60	178	35910	2.90	ng		96
71) Anthracene	17.60	178	35910	2.85	ng		98
74) Fluoranthene	19.59	202	98531	6.65	ng		99
77) Pyrene	19.96	202	92850	6.55	ng		99
80) Benzo(a)anthracene	21.89	228	49864	3.52	ng		90
82) Chrysene	21.89	228	49864	3.67	ng	#	94
87) Benzo(b)fluoranthene	24.12	252	50989	5.07	ng	#	85
88) Benzo(k)fluoranthene	24.12	252	50989	5.19	ng	#	85
89) Benzo(a)pyrene	25.02	252	32400	3.33	ng	#	80

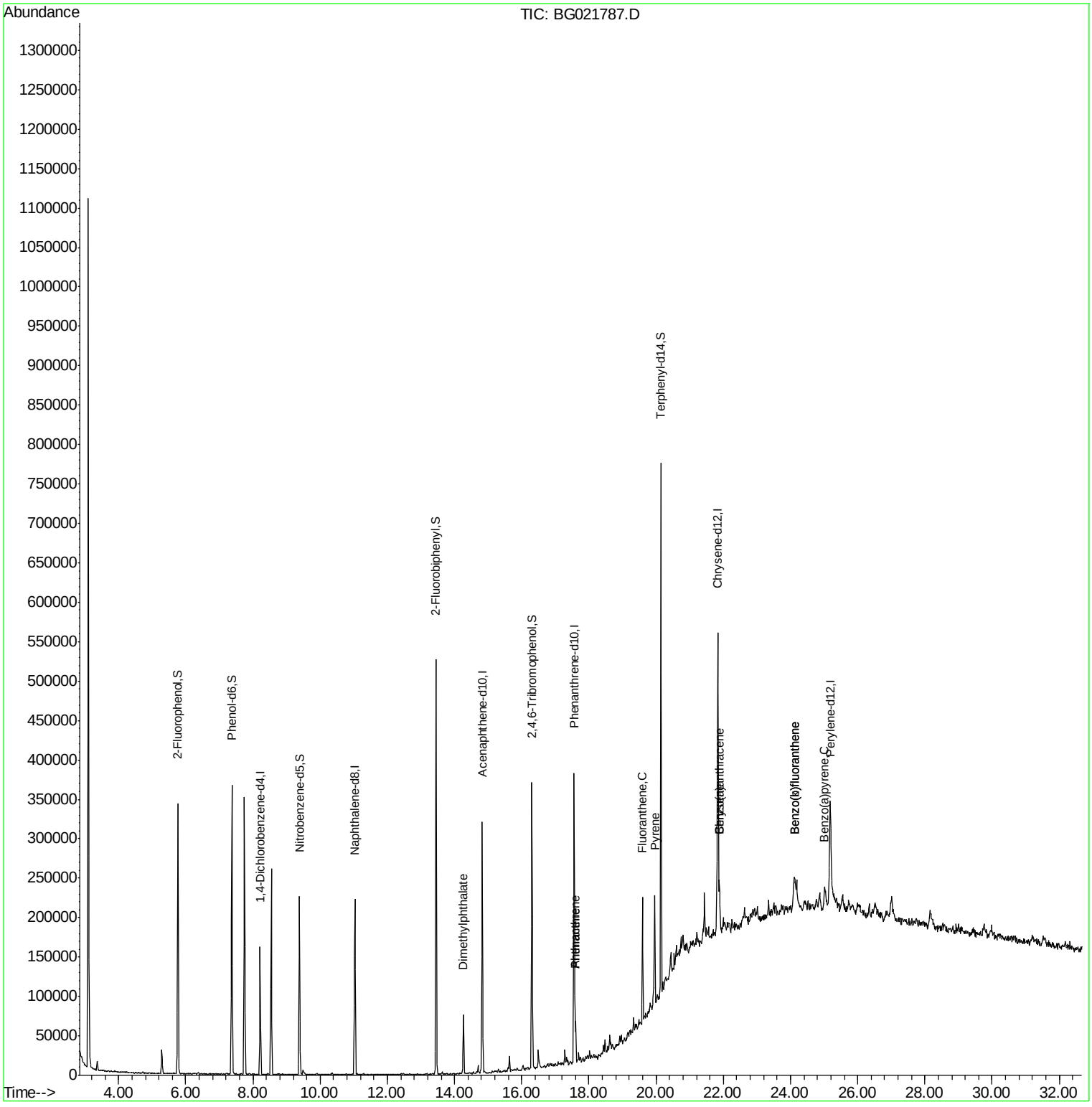
(#) = qualifier out of range (m) = manual integration (+) = signals summed

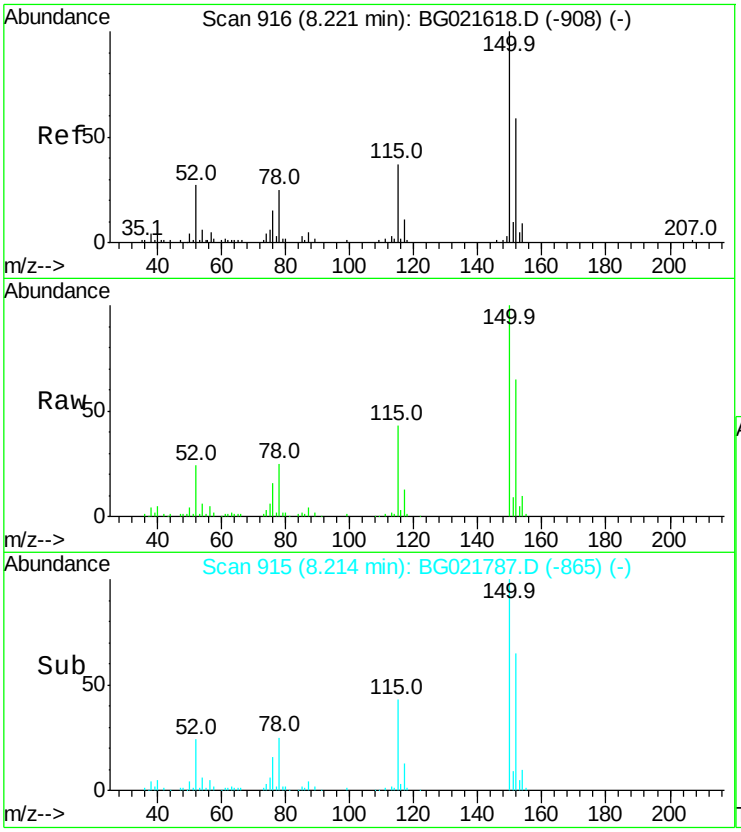
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021787.D
Acq On : 20 Apr 2016 16:24
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 21 01:07:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



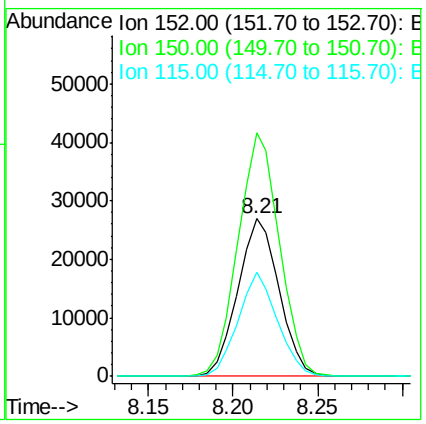


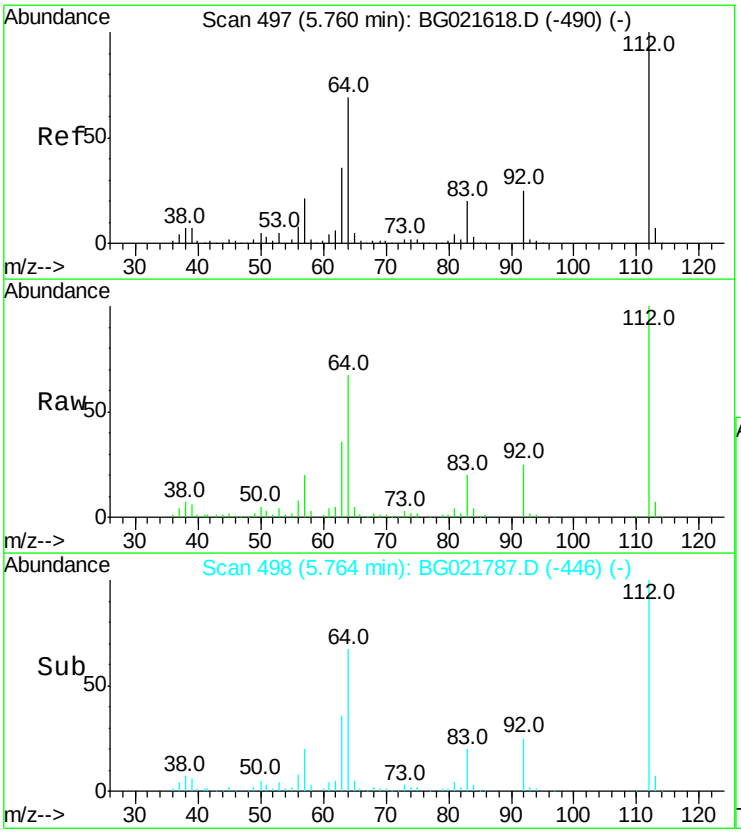
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45540

Ion	Ratio	Lower	Upper
152	100		
150	154.5	130.1	195.1
115	65.7	62.2	93.2

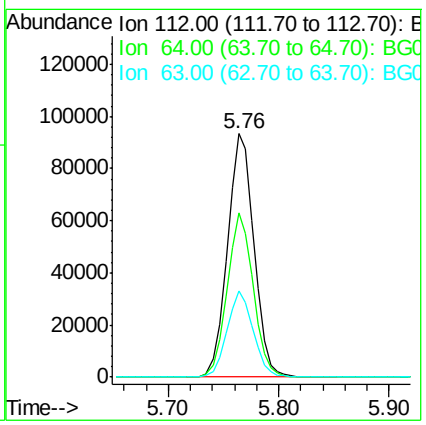


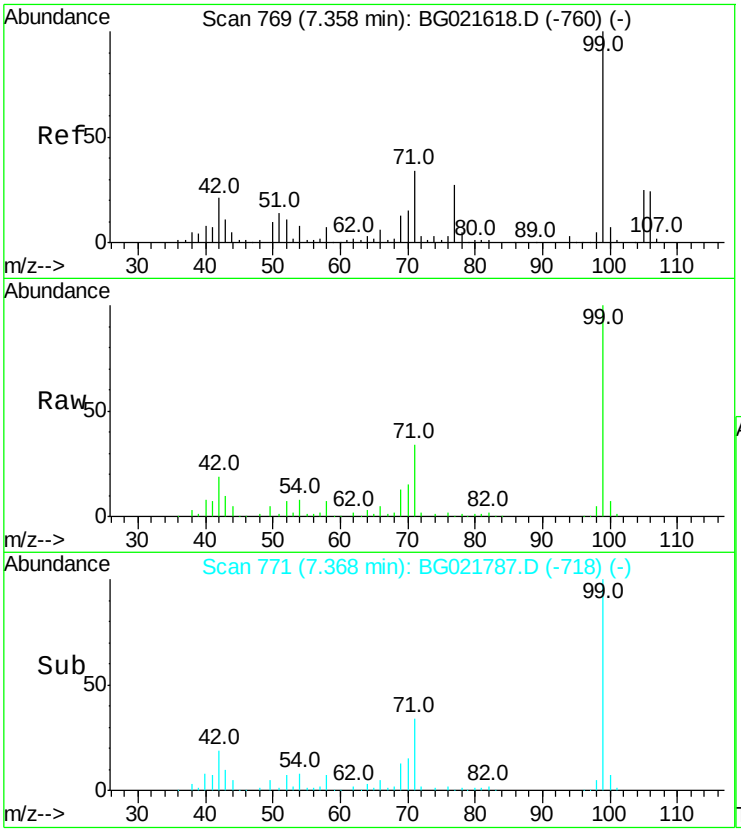


#5
2-Fluorophenol
Concen: 57.35 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:112 Resp: 156842

Ion	Ratio	Lower	Upper
112	100		
64	67.4	51.1	76.7
63	35.5	24.6	37.0



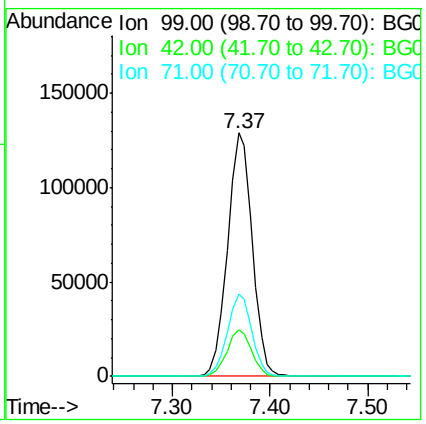


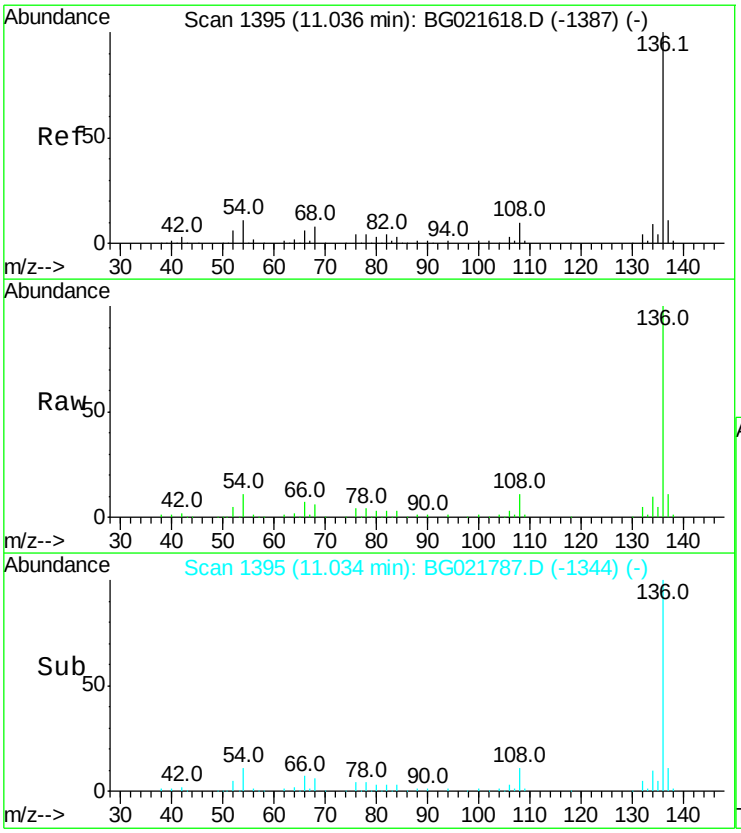
#7
Phenol-d6
Concen: 55.17 ng
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 225379

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.4	24.6
71	33.7	25.0	37.4

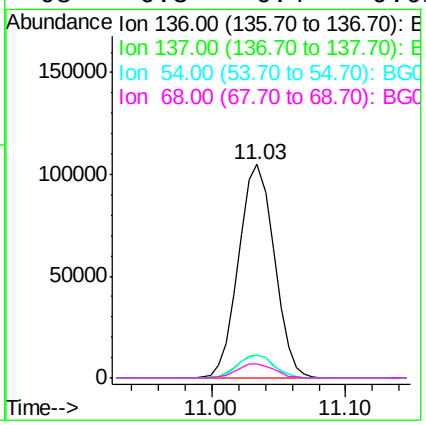


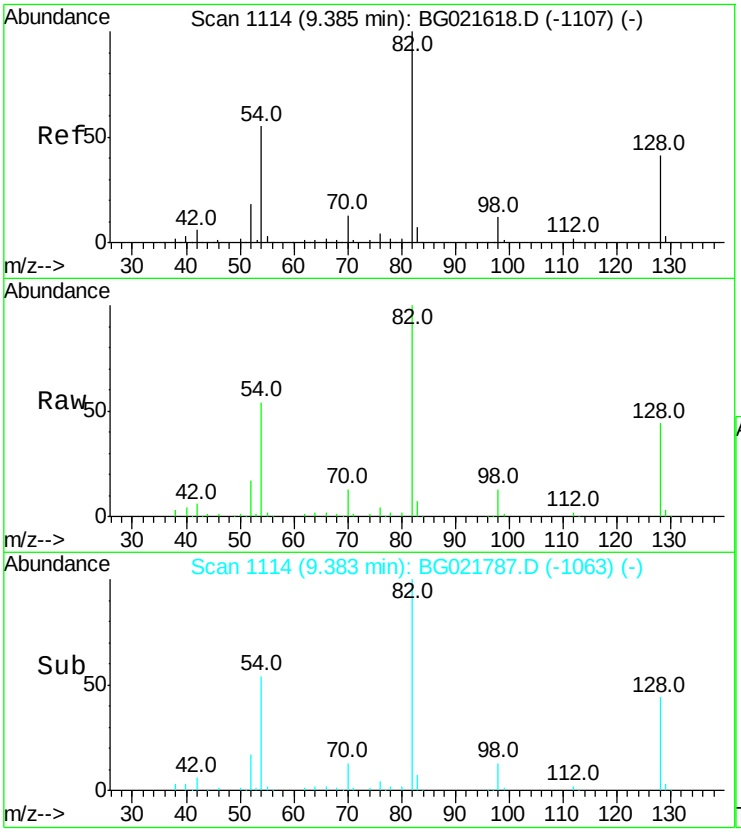


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:136 Resp: 194176

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	10.5	9.6	14.4
68	6.3	6.4	9.6#

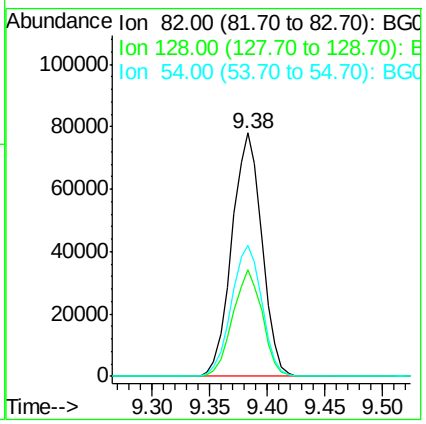




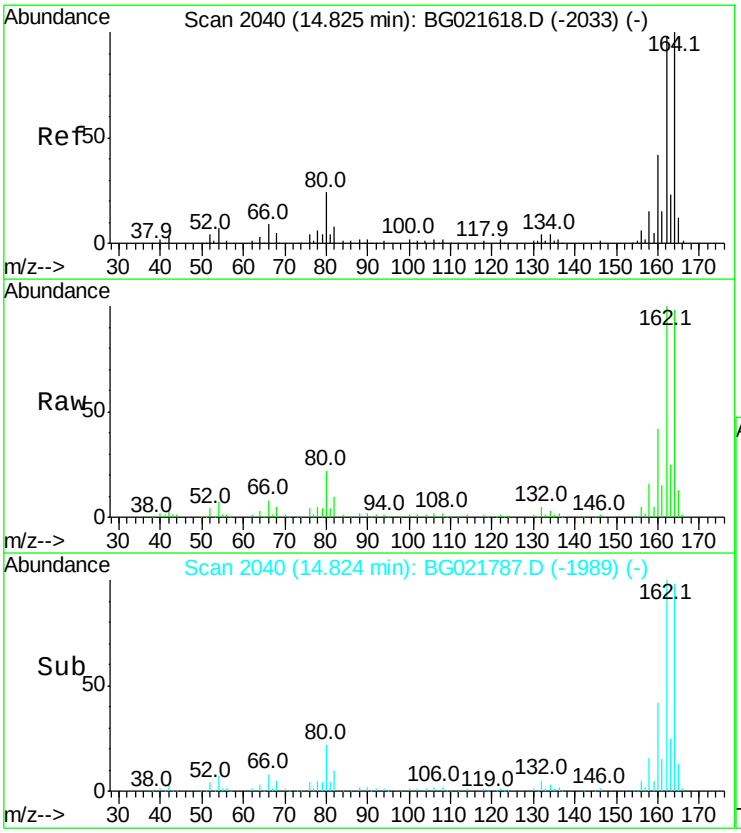
#23
Nitrobenzene-d5
Concen: 37.12 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion: 82 Resp: 140240

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	54.0	46.1	69.1



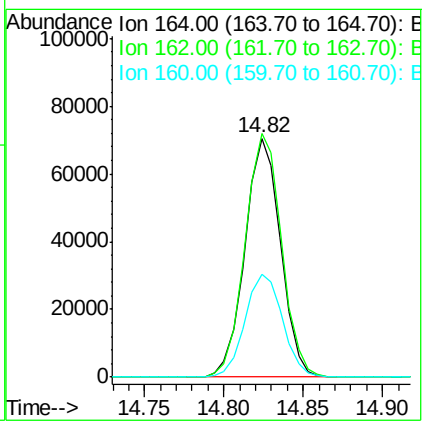
Instrument :
BNA_G
ClientSampleId :

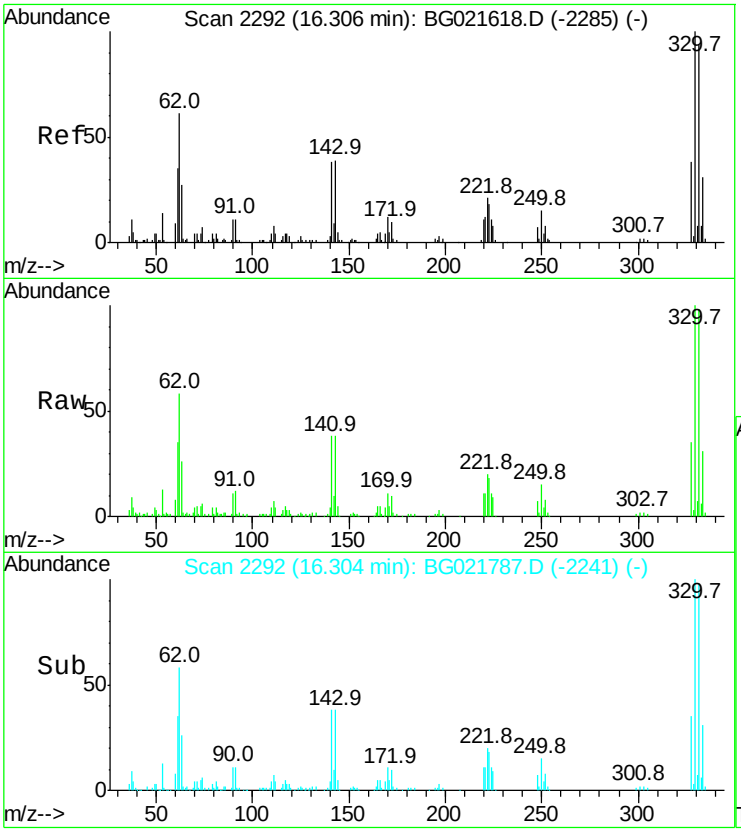


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:164 Resp: 109697

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.0	117.0
160	43.2	32.9	49.3



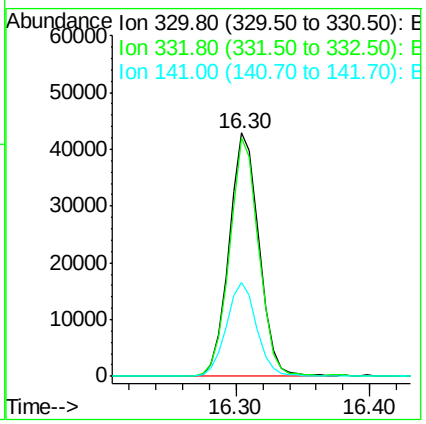


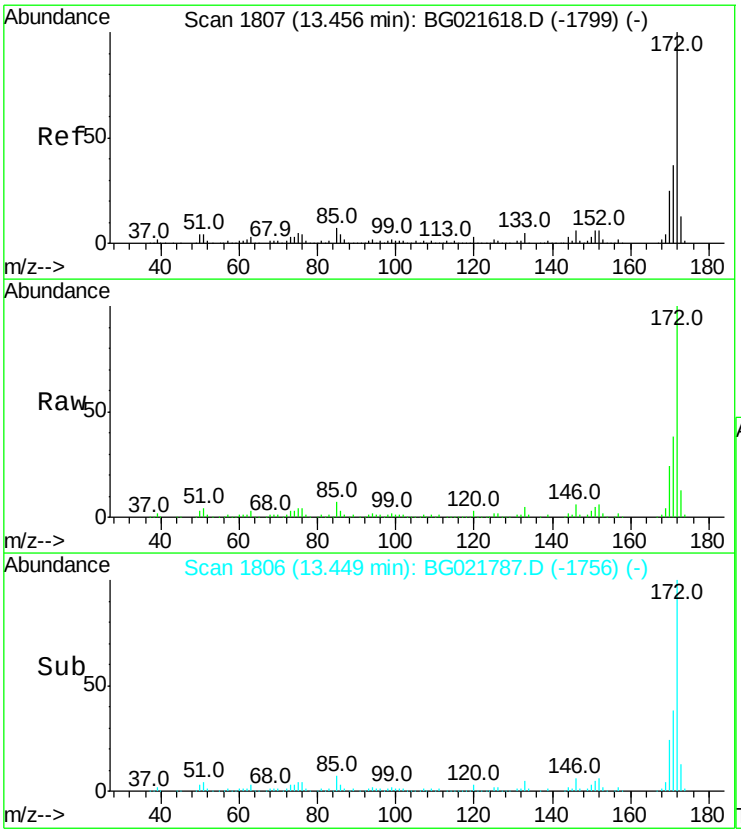
#41
2,4,6-Tribromophenol
Concen: 56.62 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 66941

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.0	117.0
141	38.7	33.8	50.8

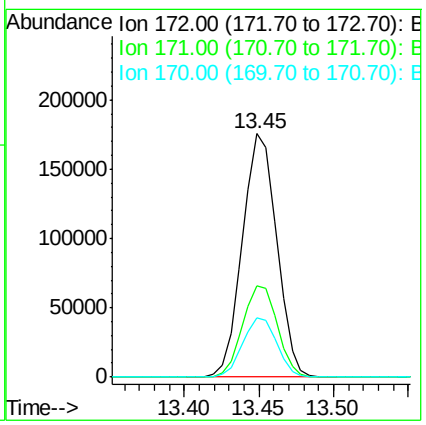


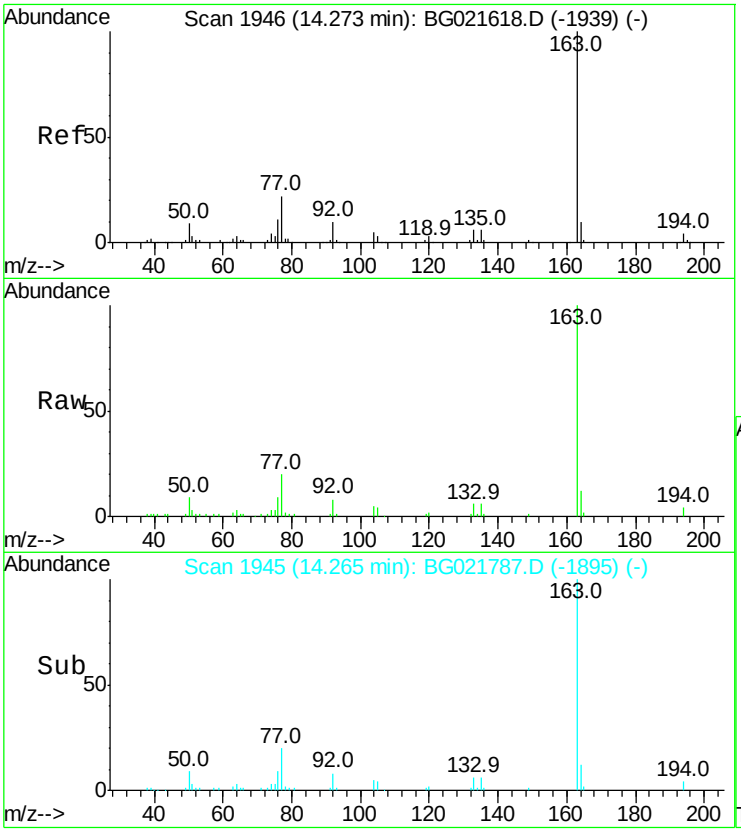


#44
2-Fluorobiphenyl
Concen: 37.20 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:172 Resp: 278507

Ion	Ratio	Lower	Upper
172	100		
171	37.5	27.8	41.6
170	24.3	19.6	29.4



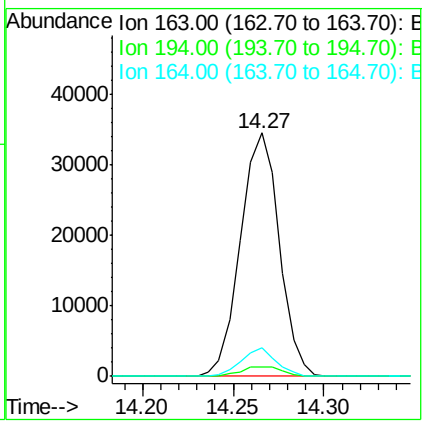


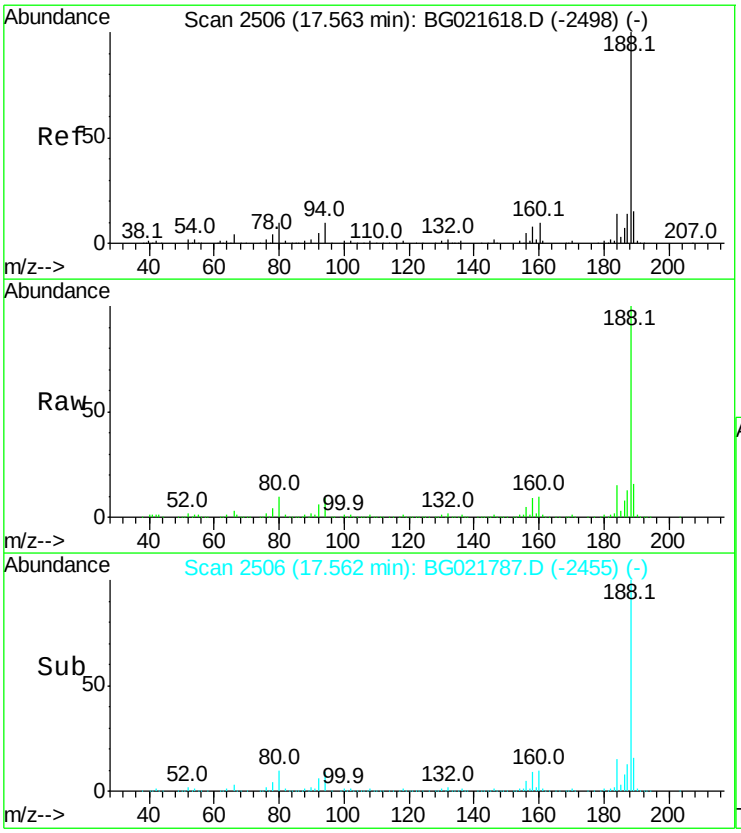
#49
Dimethylphthalate
Concen: 5.41 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 51310

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	11.5	8.1	12.1

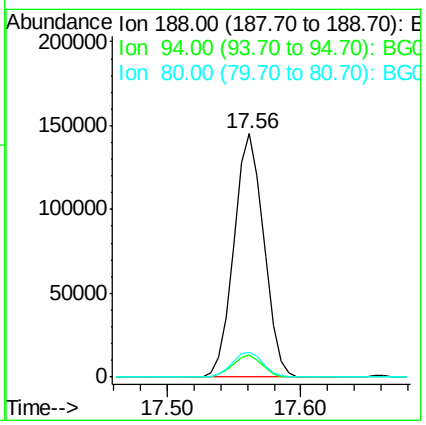


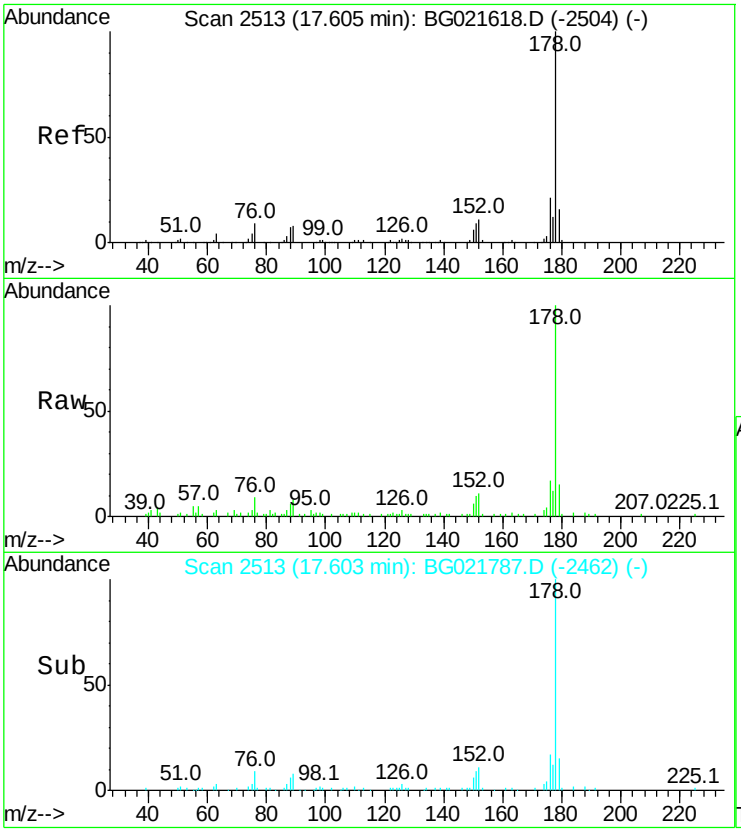


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:188 Resp: 225062

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	10.1	8.6	13.0



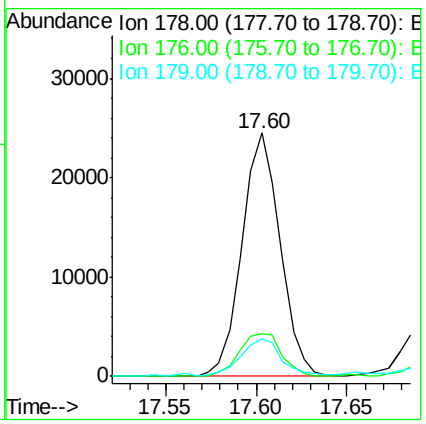


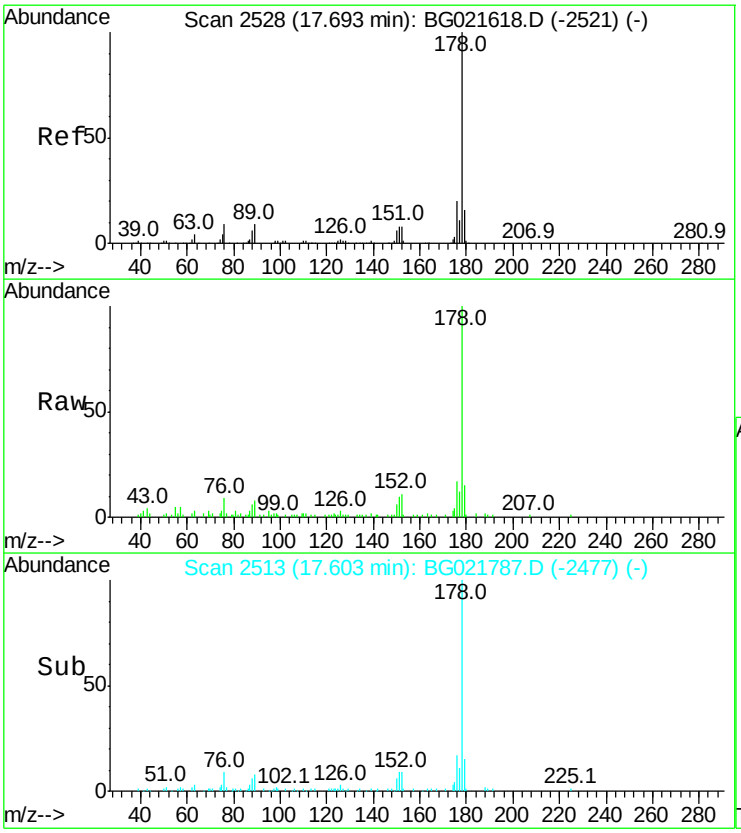
#70
Phenanthrene
Concen: 2.90 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 35910

Ion	Ratio	Lower	Upper
178	100		
176	17.4	16.2	24.4
179	15.5	12.0	18.0

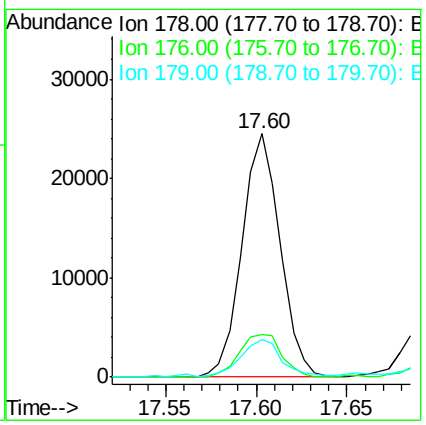


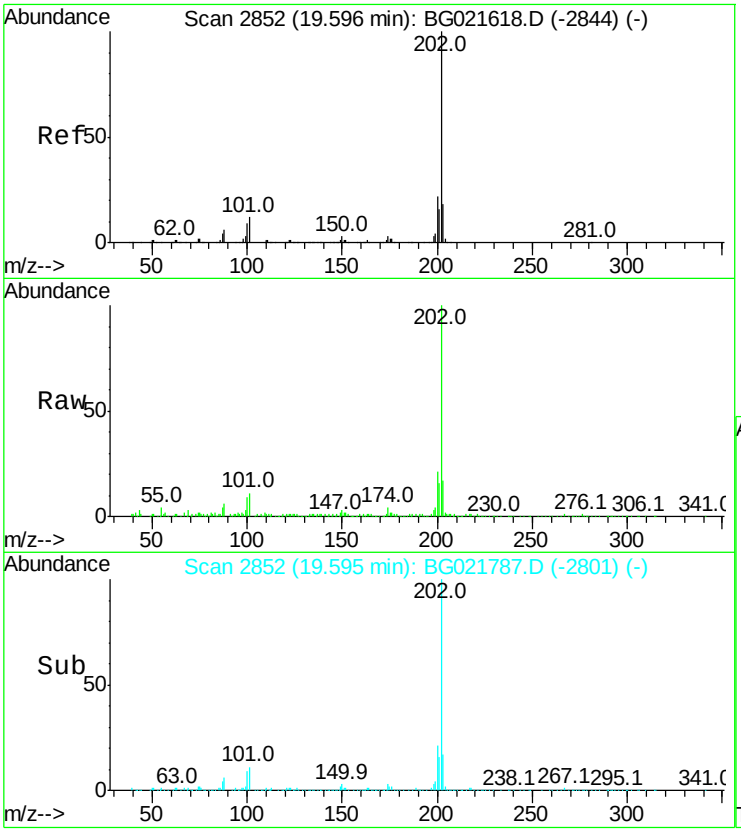


#71
Anthracene
Concen: 2.85 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.09 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:178 Resp: 35910

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	15.5	12.2	18.4



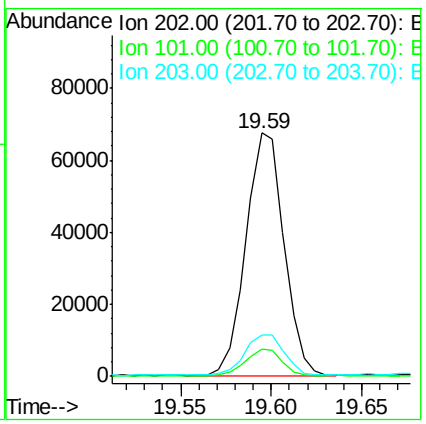


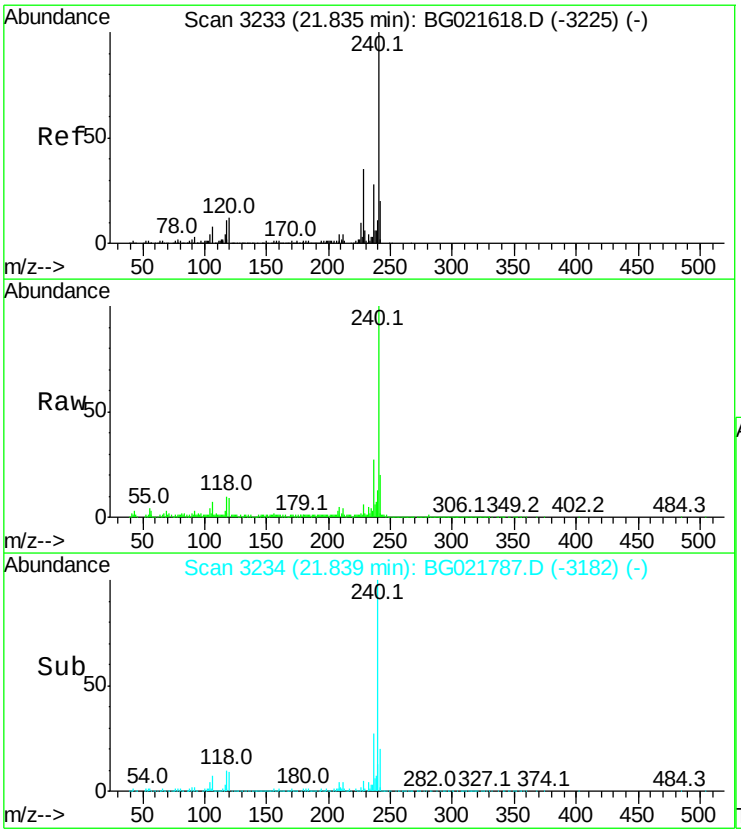
#74
Fluoranthene
Concen: 6.65 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 98531

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	17.3	0.0	37.9

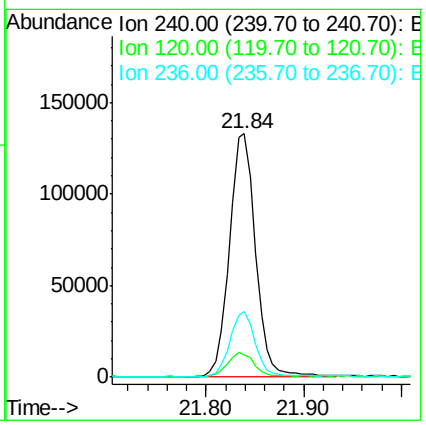


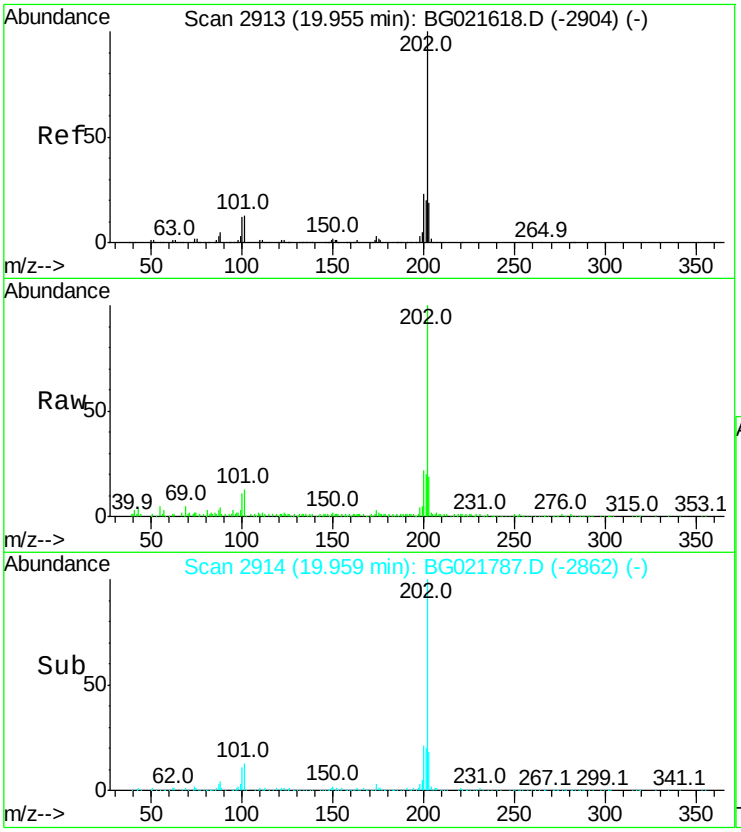


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:240 Resp: 246026

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	26.8	19.6	29.4



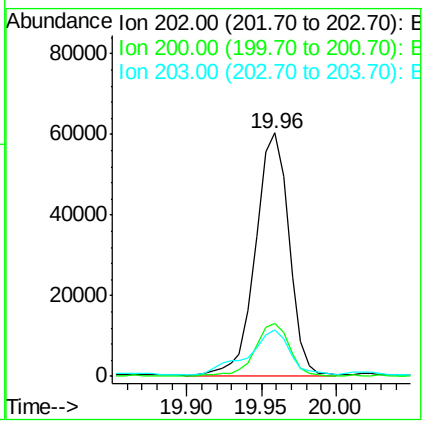


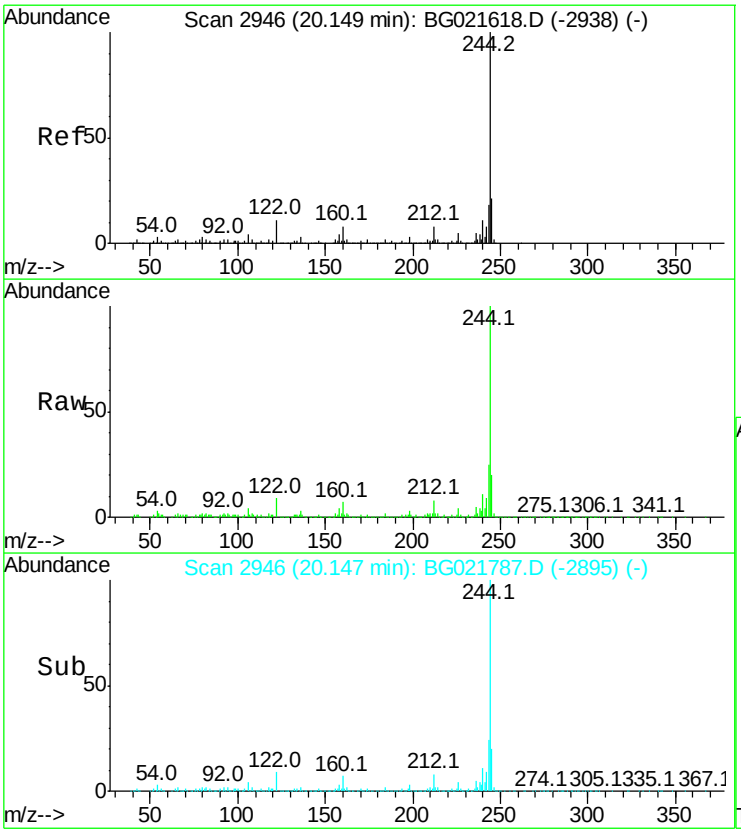
#77
Pyrene
Concen: 6.55 ng
RT: 19.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 92850

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.2
203	18.9	15.0	22.4

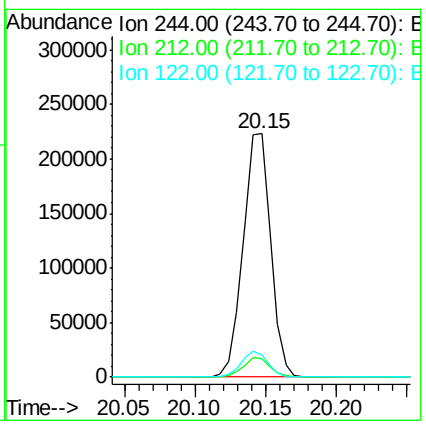


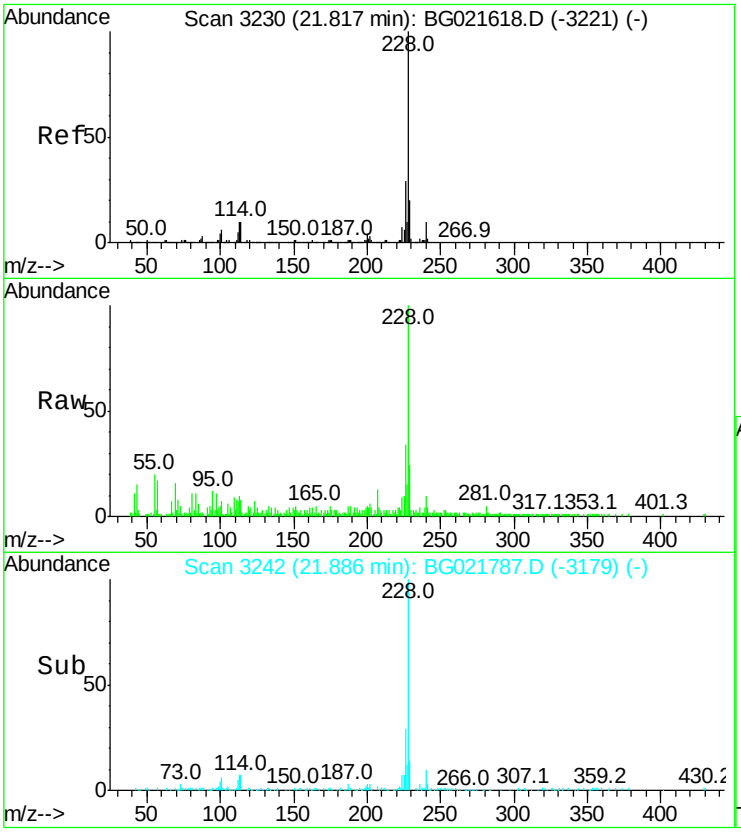


#78
Terphenyl-d14
Concen: 31.02 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:244 Resp: 305836

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.0	8.6	12.8



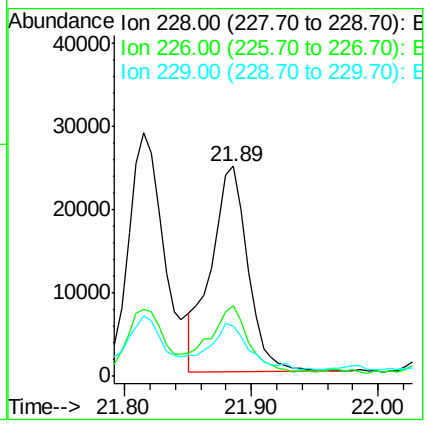


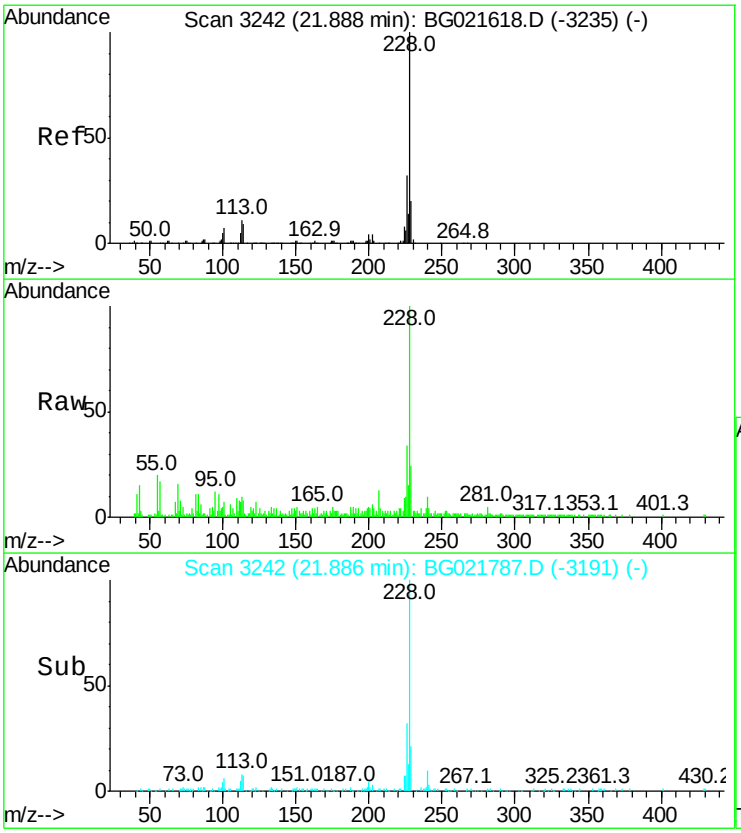
#80
Benzo(a)anthracene
Concen: 3.52 ng
RT: 21.89 min Scan# 3242
Delta R.T. 0.07 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 49864

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	34.0
229	24.1	16.1	24.1

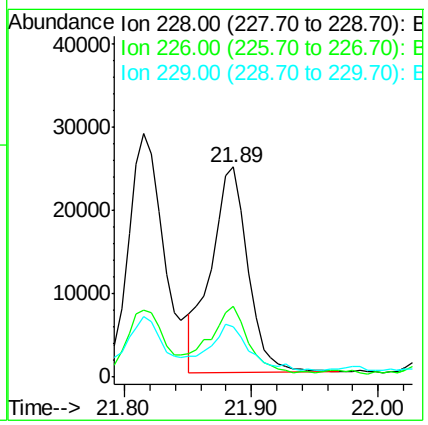


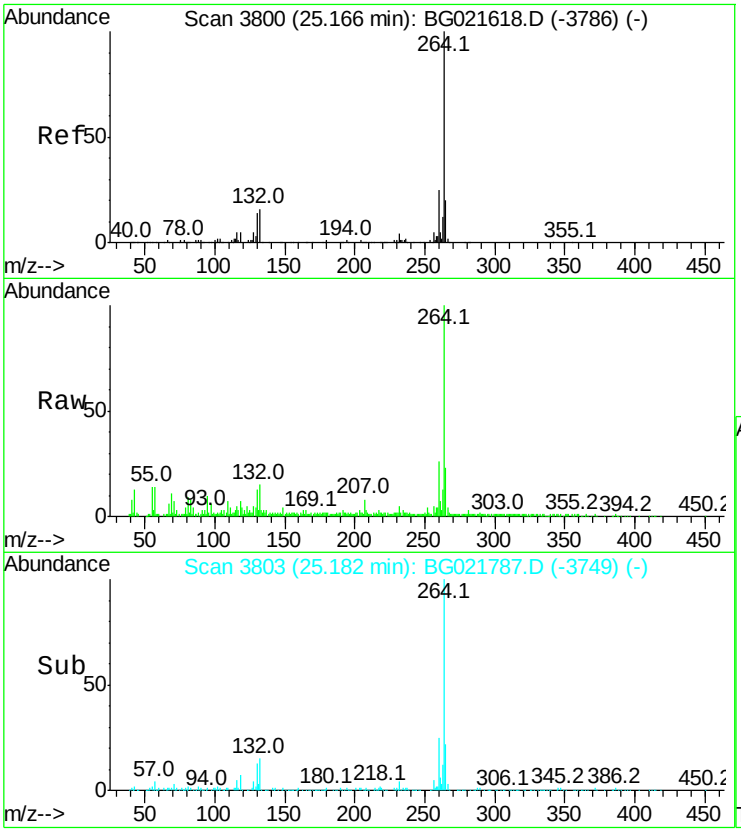


#82
Chrysene
Concen: 3.67 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:228 Resp: 49864

Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.4	38.0
229	24.1	15.9	23.9#



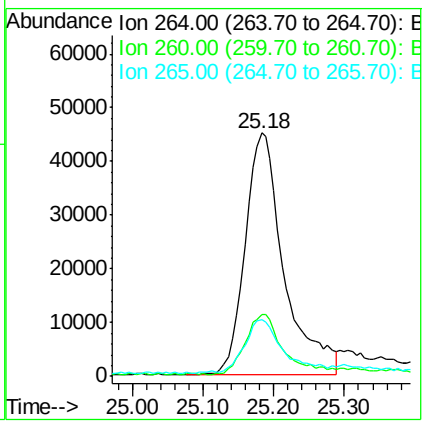


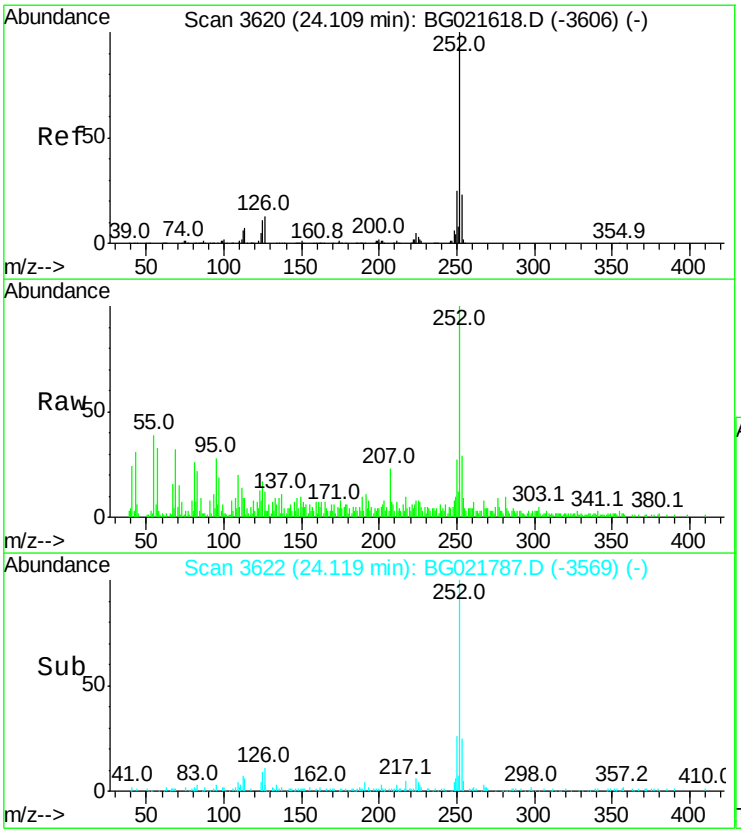
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.18 min Scan# 3803
Delta R.T. 0.02 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 173316

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.4
265	23.3	17.8	26.8

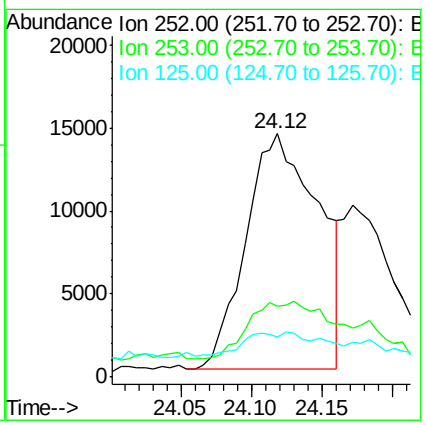


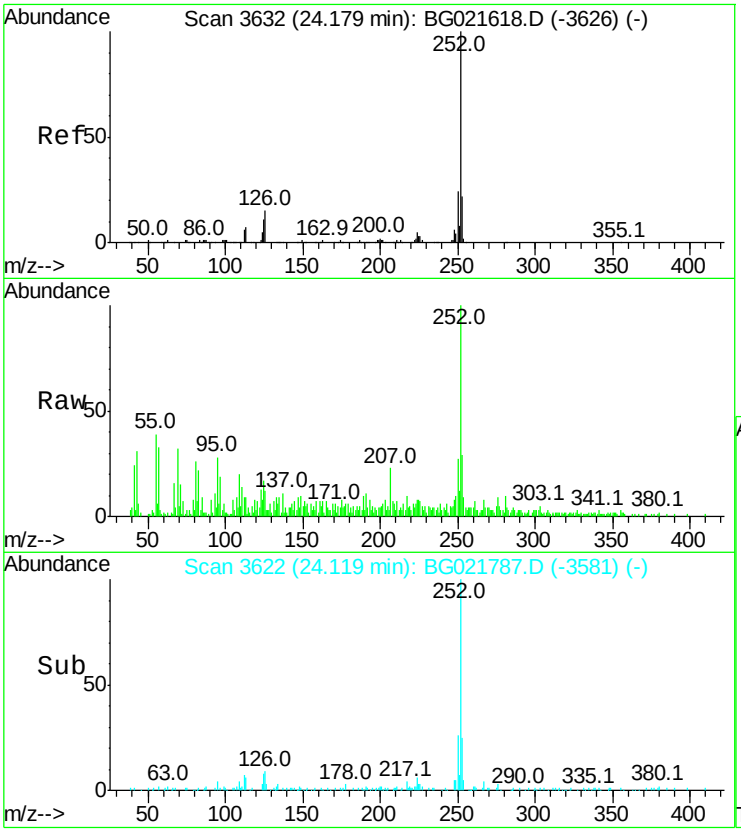


#87
Benzo(b)fluoranthene
Concen: 5.07 ng
RT: 24.12 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:252 Resp: 50989

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.5	26.3#
125	16.6	8.6	13.0#



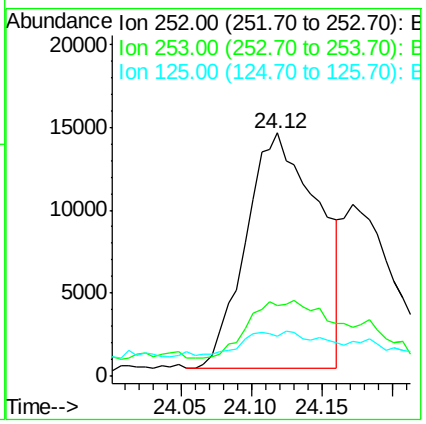


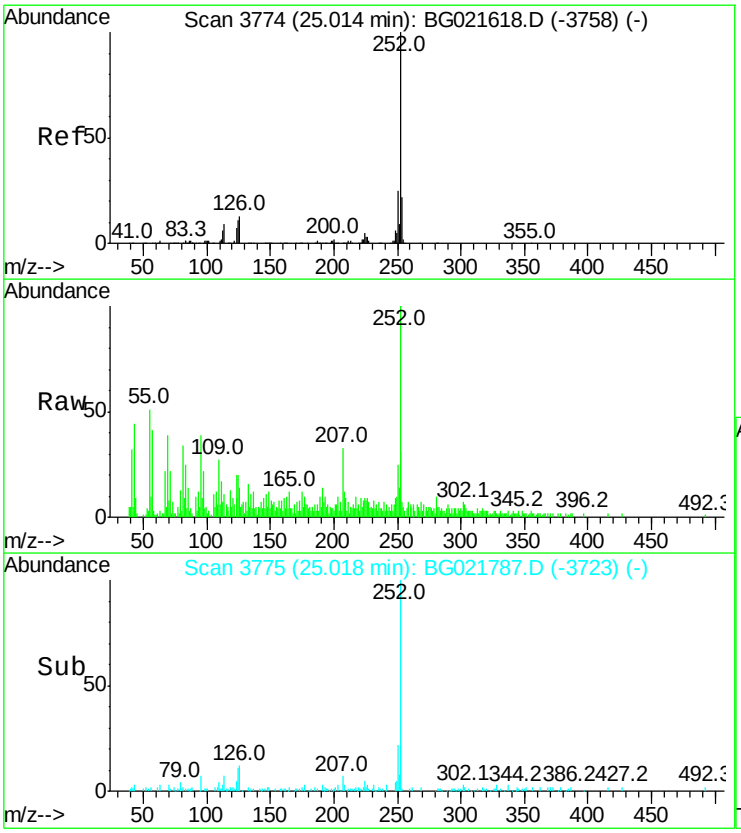
#88
Benzo(k)fluoranthene
Concen: 5.19 ng
RT: 24.12 min Scan# 3622
Delta R.T. -0.06 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 50989

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.8	26.8#
125	16.6	8.3	12.5#





#89
Benzo(a)pyrene
Concen: 3.33 ng
RT: 25.02 min Scan# 3775
Delta R.T. 0.00 min
Lab File: BG021787.D
Acq: 20 Apr 2016 16:24

Tgt Ion:252 Resp: 32400

Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.1	25.7#
125	20.3	9.6	14.4#