Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021789.D
Acq On : 20 Apr 2016 17:43
Operator : UM/SJ
Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 21 01:08:01 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	8.22	152	50201	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	214234	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	120367	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	242869	20.00	ng		0.00
75) Chrysene-d12	21.84	240	269124	20.00	ng		0.00
86) Perylene-d12	25.19	264	182244	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	297458	98.67	ng		0.00
7) Phenol-d6	7.38	99	437125	97.07	ng		0.02
23) Nitrobenzene-d5	9.39	82	271431	65.12	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	136265	105.04	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	516151	62.83	ng		0.00
78) Terphenyl-d14	20.14	244	556902	51.63	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.26	163	52814	5.07	ng		98
70) Phenanthrene	17.61	178	55276	4.13	ng		98
74) Fluoranthene	19.60	202	149692	9.37	ng		99
77) Pyrene	19.96	202	150647	9.71	ng		98
80) Benzo(a)anthracene	21.82	228	86481	5.58	ng		99
82) Chrysene	21.82	228	86554	5.82	ng		95
87) Benzo(b)fluoranthene	24.12	252	67944	6.43	ng	#	87
88) Benzo(k)fluoranthene	24.12	252	67944	6.57	ng	#	87
89) Benzo(a)pyrene	25.03	252	55423	5.41	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG042116\
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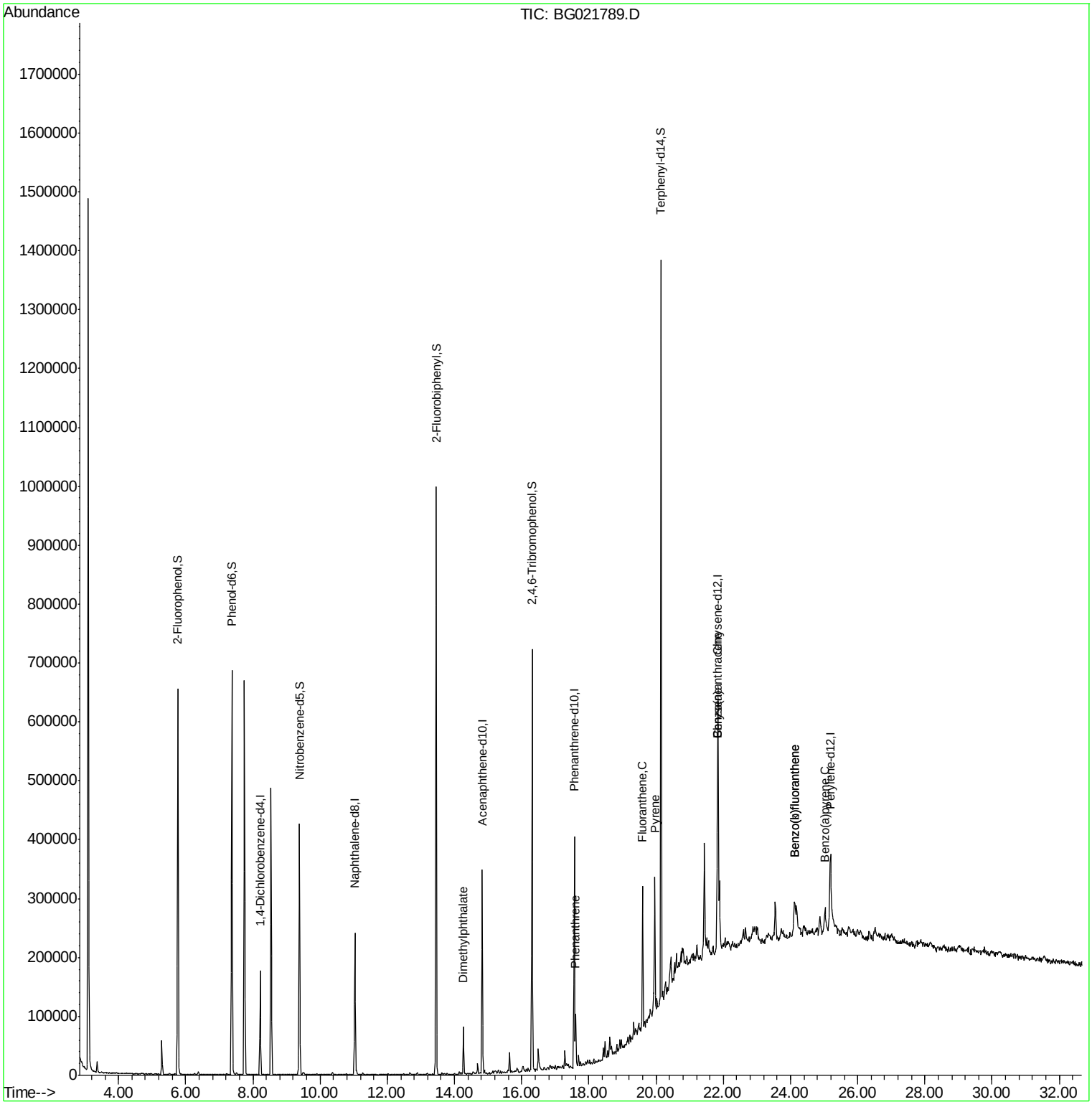
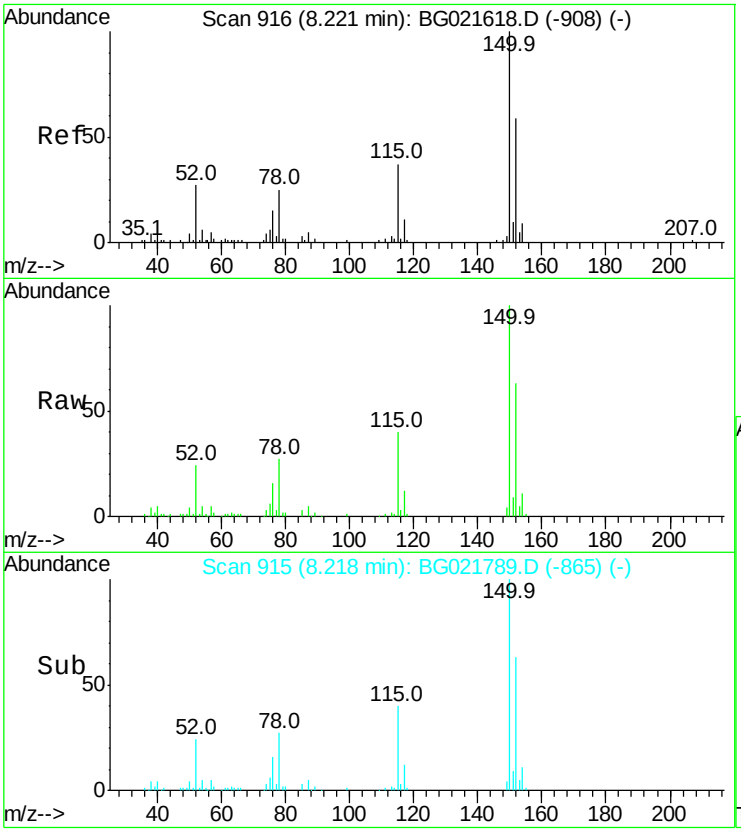
Acq On : 20 Apr 2016 17:43
Operator : UM/SJ
Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 21 01:08:01 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



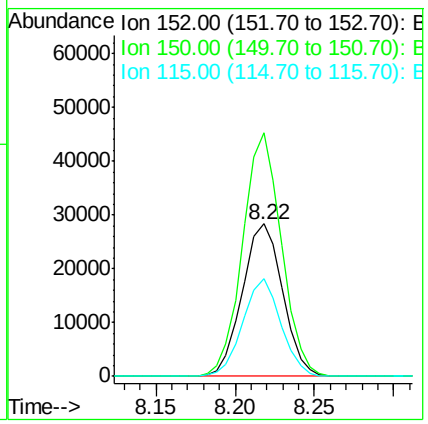


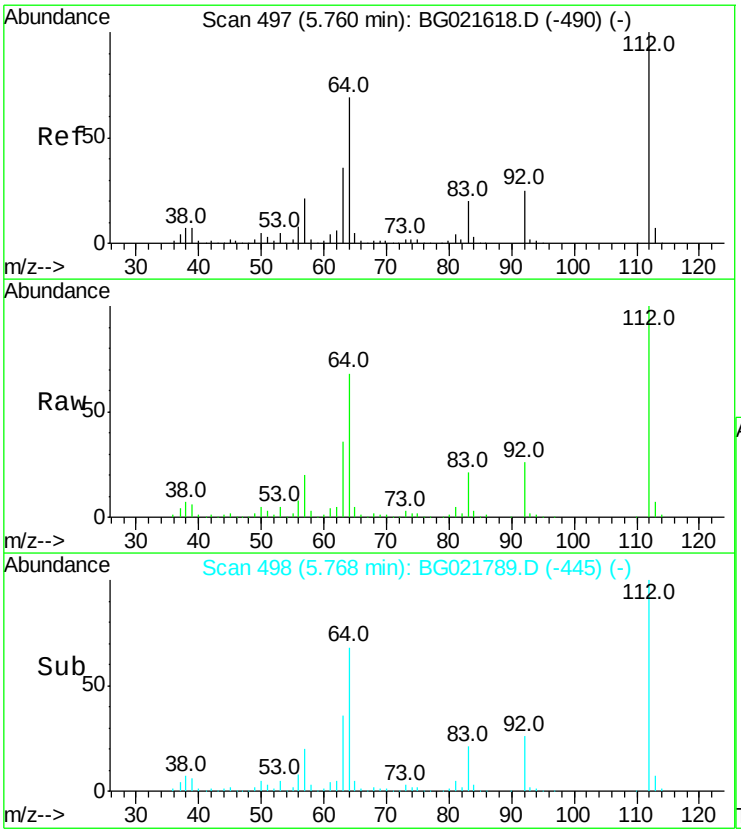
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50201

Ion	Ratio	Lower	Upper
152	100		
150	159.7	130.1	195.1
115	64.1	62.2	93.2

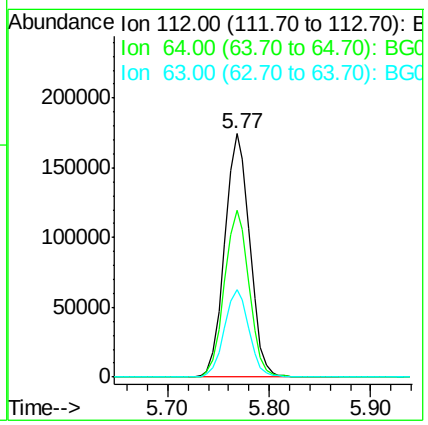


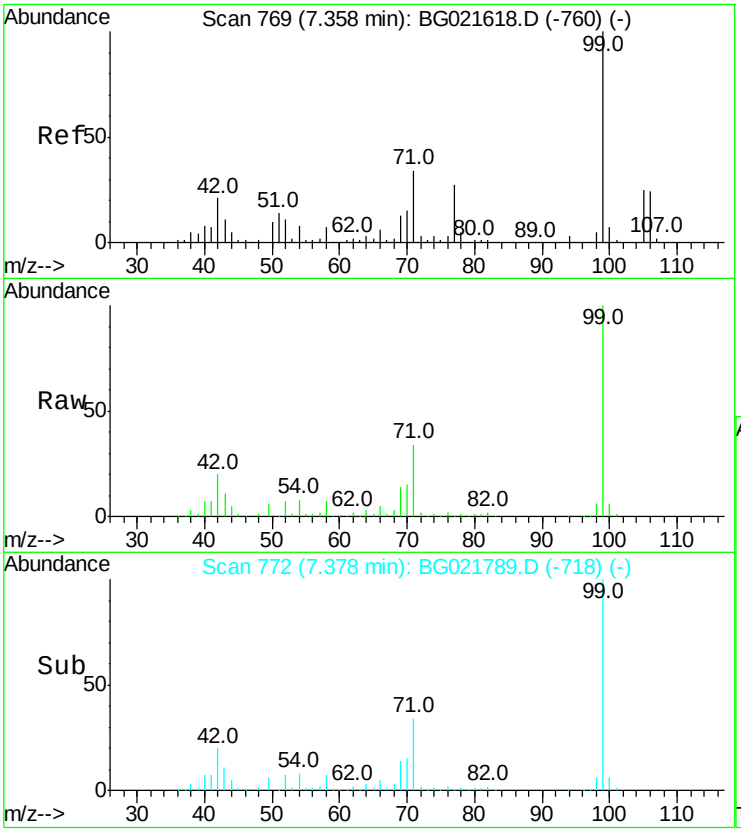


#5
2-Fluorophenol
Concen: 98.67 ng
RT: 5.77 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:112 Resp: 297458

Ion	Ratio	Lower	Upper
112	100		
64	68.4	51.1	76.7
63	36.0	24.6	37.0



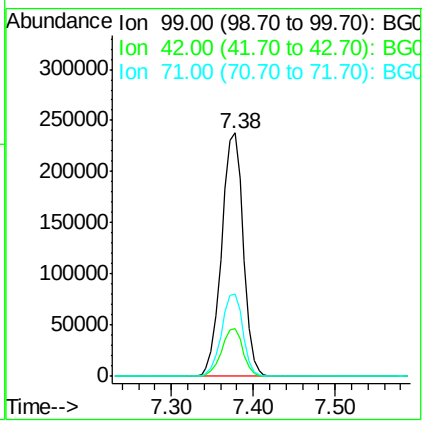


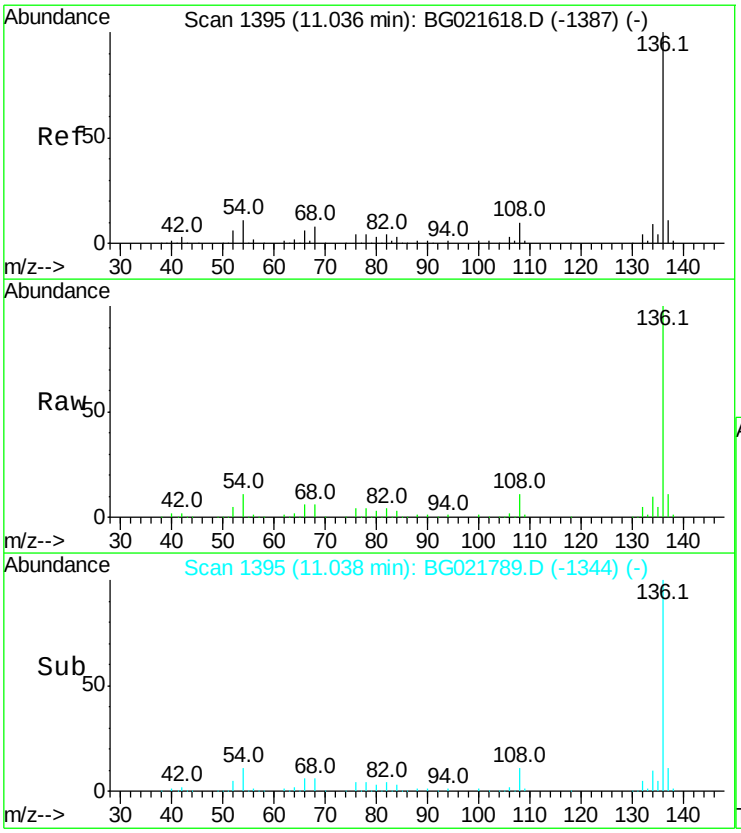
#7
Phenol-d6
Concen: 97.07 ng
RT: 7.38 min Scan# 772
Delta R.T. 0.02 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 437125

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.4	24.6
71	33.8	25.0	37.4

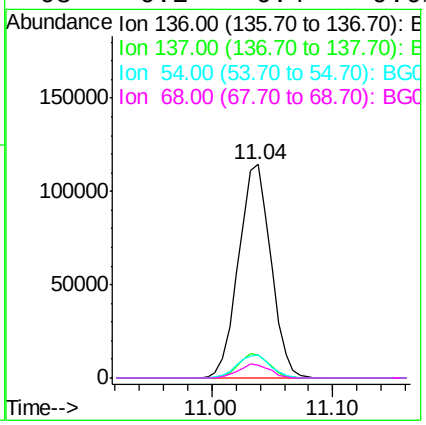


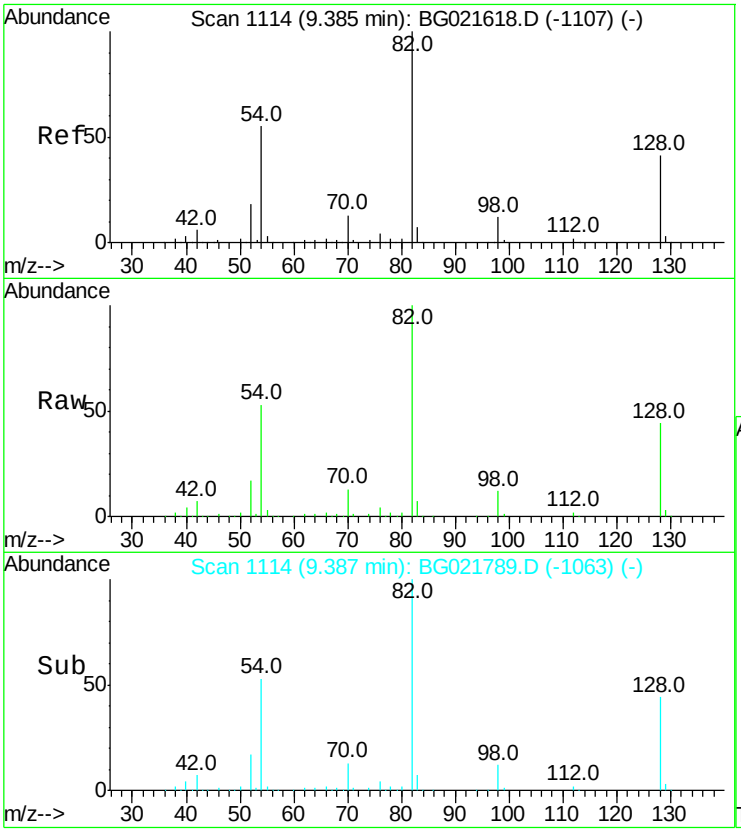


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:136 Resp: 214234

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	10.7	9.6	14.4
68	6.2	6.4	9.6#

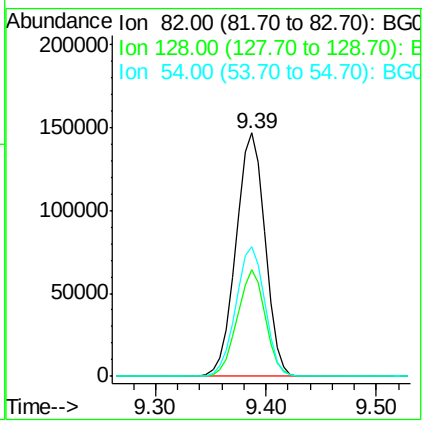




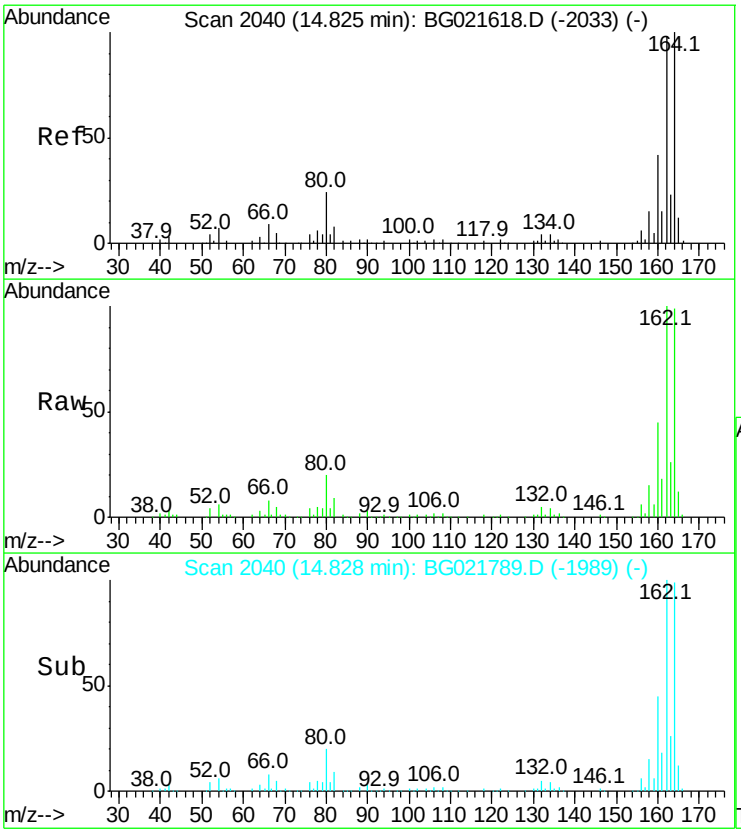
#23
Nitrobenzene-d5
Concen: 65.12 ng
RT: 9.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion: 82 Resp: 271431

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.4	50.0
54	53.1	46.1	69.1



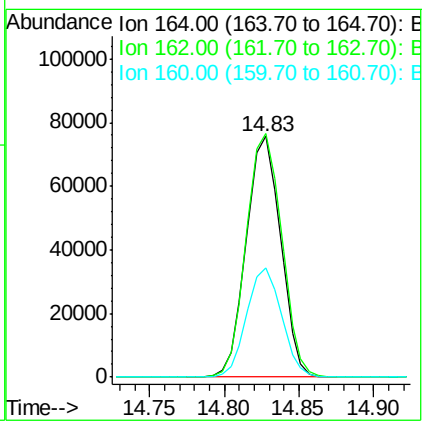
Instrument :
BNA_G
ClientSampleId :

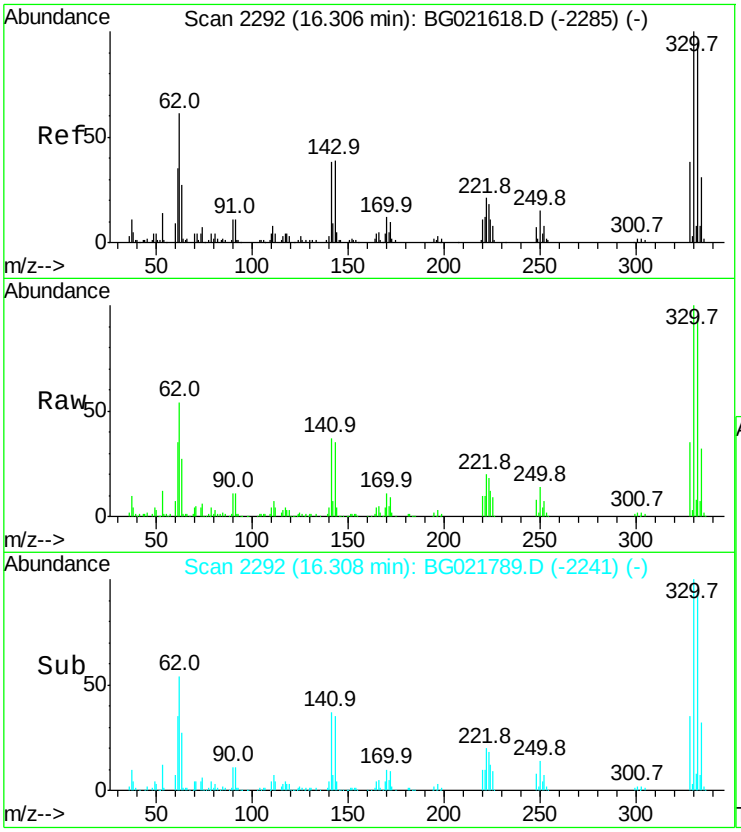


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:164 Resp: 120367

Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.0	117.0
160	45.5	32.9	49.3



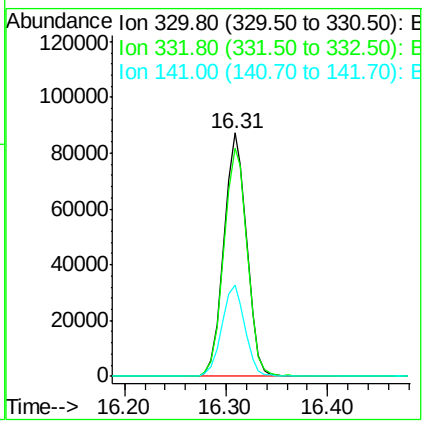


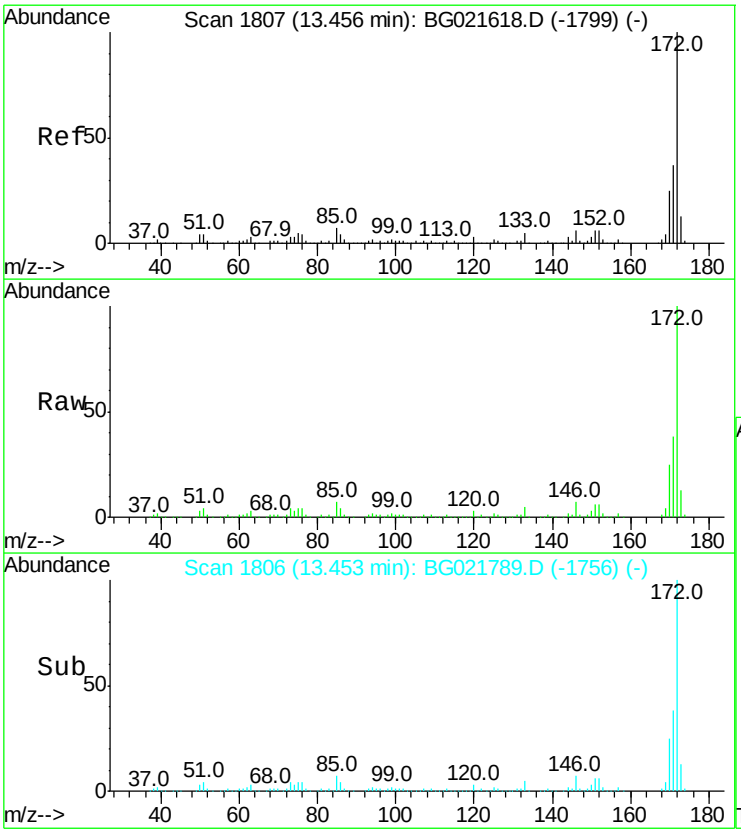
#41
2,4,6-Tribromophenol
Concen: 105.04 ng
RT: 16.31 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 136265

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	38.2	33.8	50.8

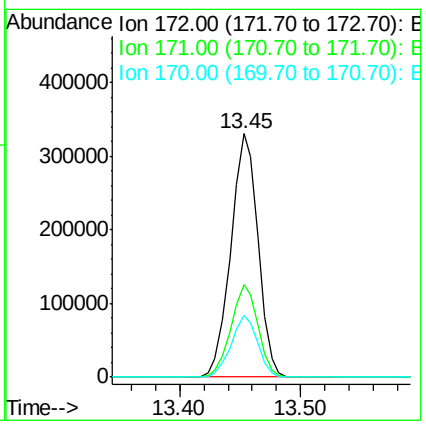


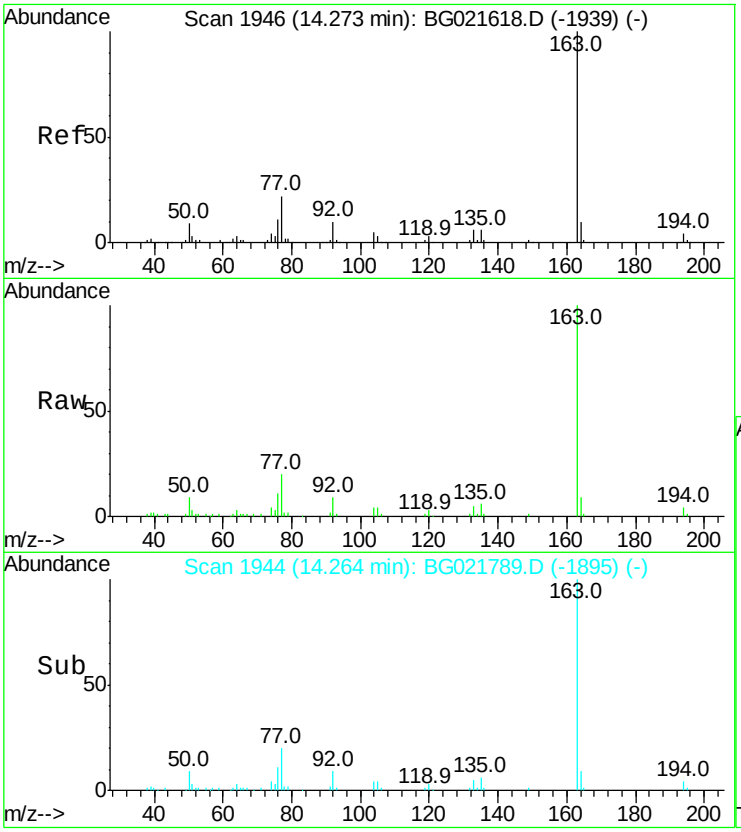


#44
2-Fluorobiphenyl
Concen: 62.83 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:172 Resp: 516151

Ion	Ratio	Lower	Upper
172	100		
171	37.9	27.8	41.6
170	25.5	19.6	29.4



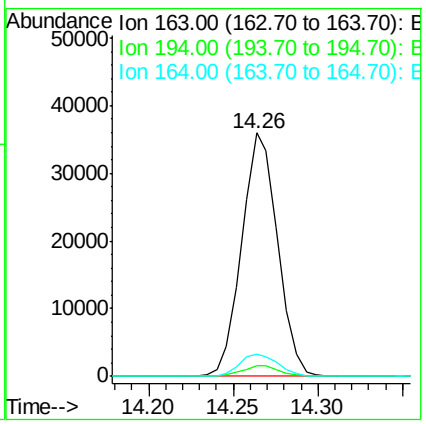


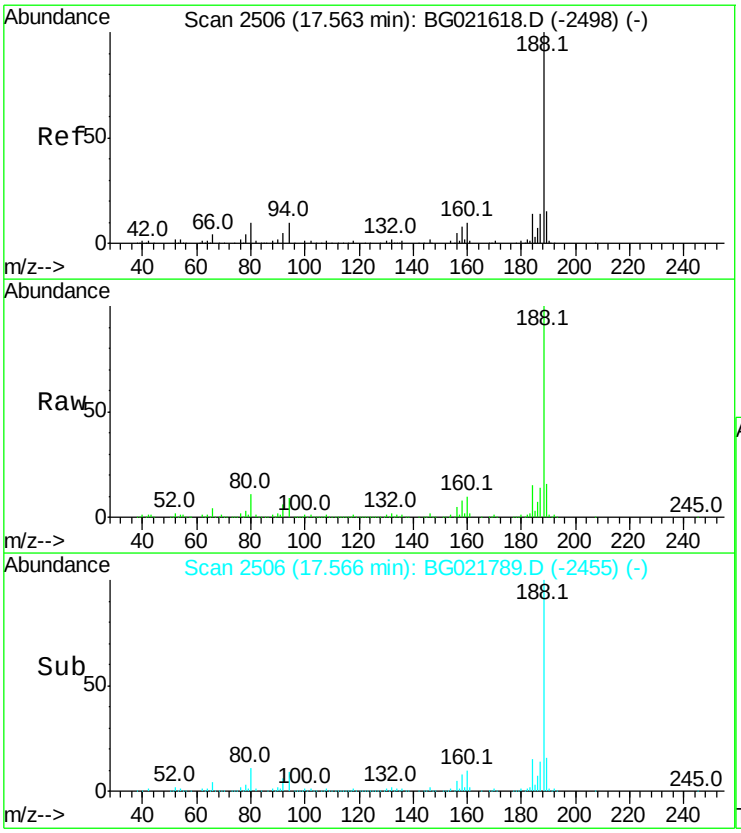
#49
Dimethylphthalate
Concen: 5.07 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 52814

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.3	8.1	12.1

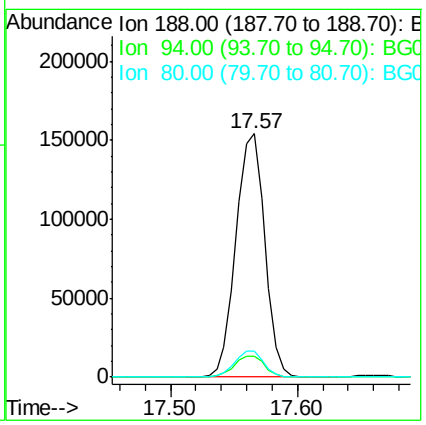


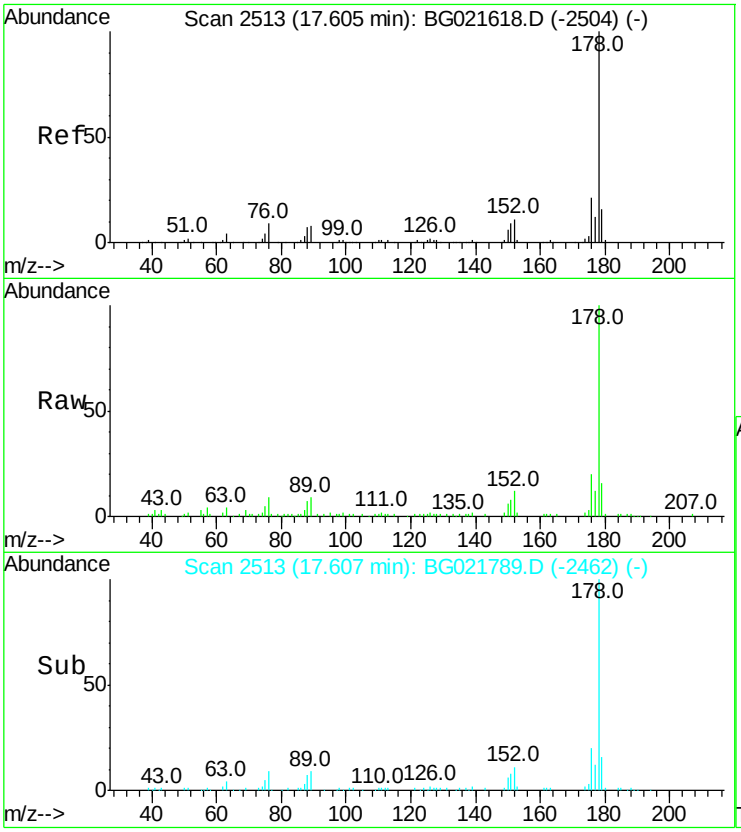


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:188 Resp: 242869

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.6	8.6	13.0



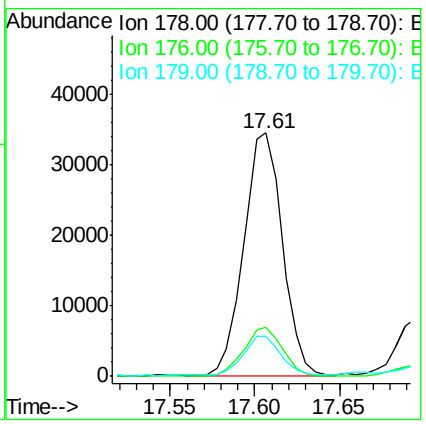


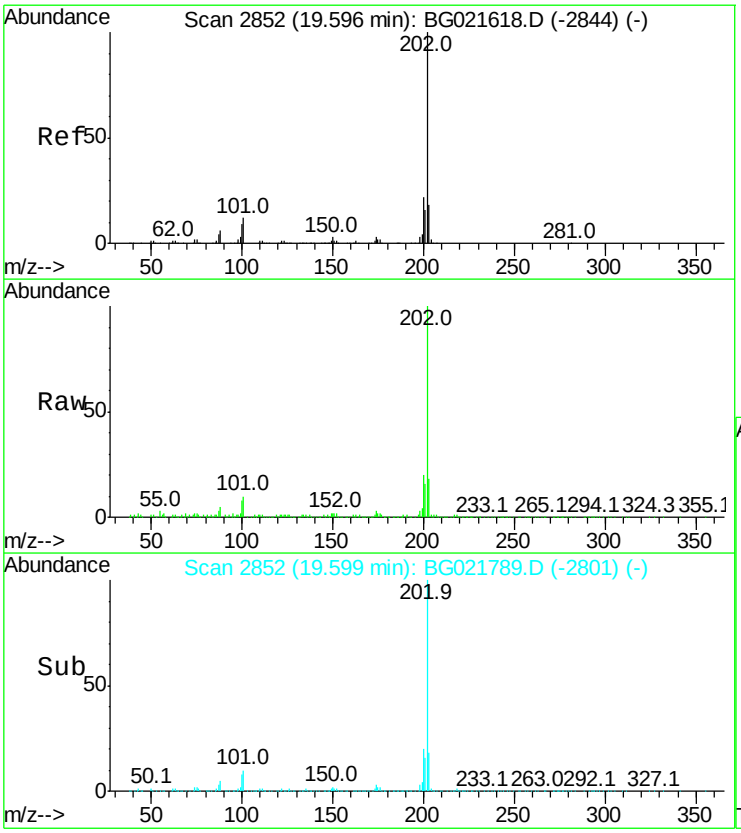
#70
Phenanthrene
Concen: 4.13 ng
RT: 17.61 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 55276

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.5	12.0	18.0

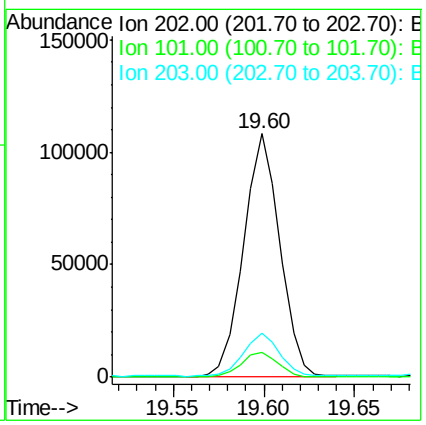


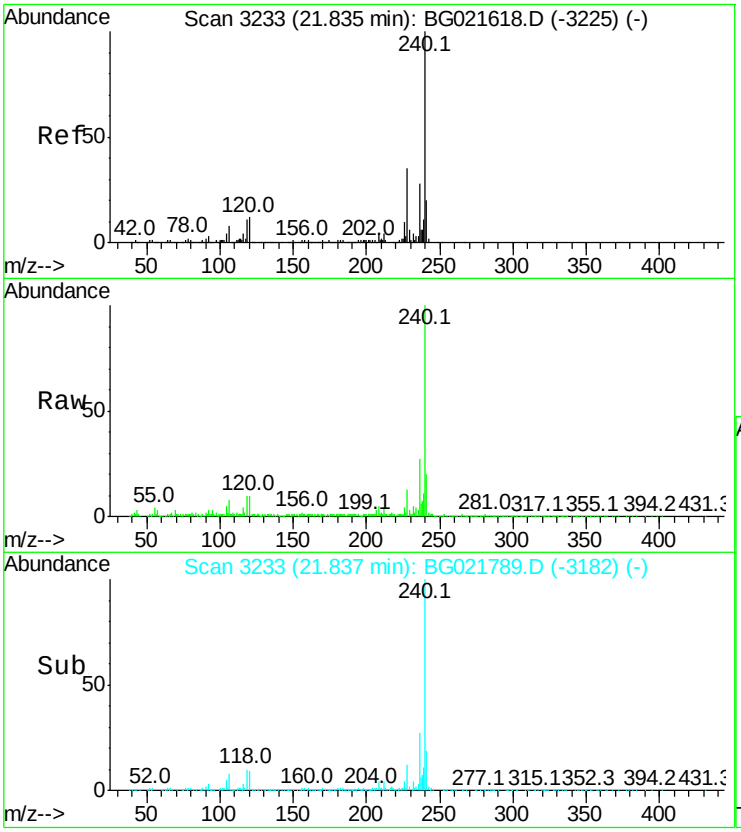


#74
Fluoranthene
Concen: 9.37 ng
RT: 19.60 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:202 Resp: 149692

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.0
203	18.0	0.0	37.9



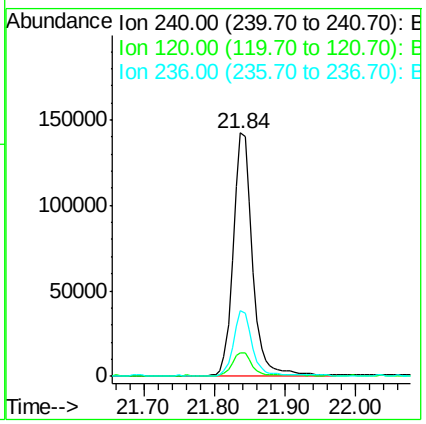


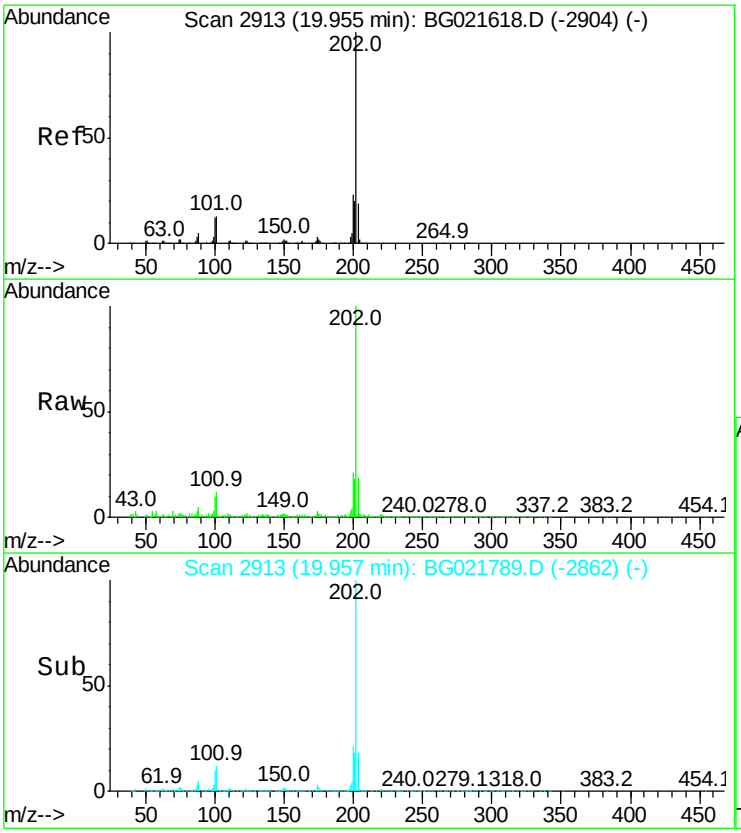
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 269124

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	27.2	19.6	29.4

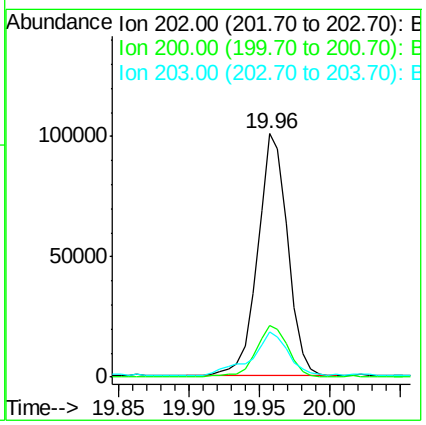


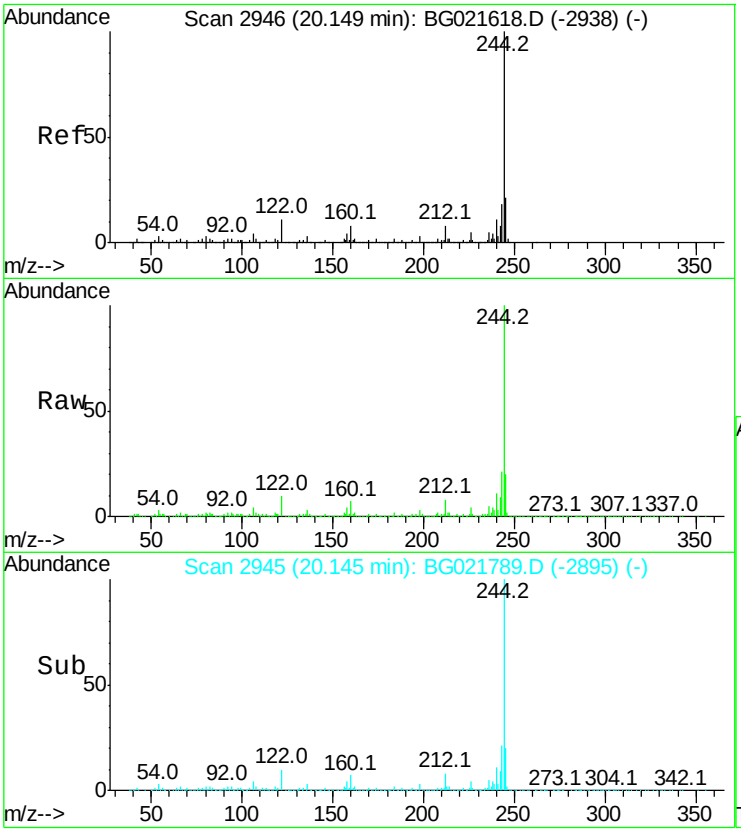


#77
Pyrene
Concen: 9.71 ng
RT: 19.96 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:202 Resp: 150647

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.2	27.2
203	18.8	15.0	22.4



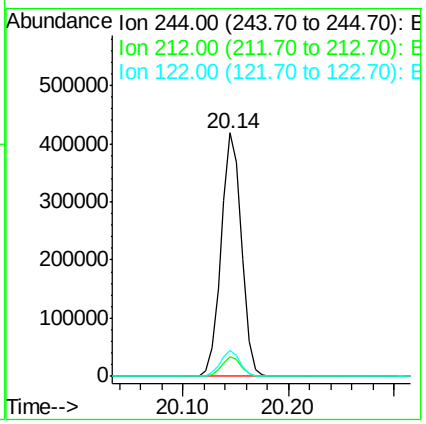


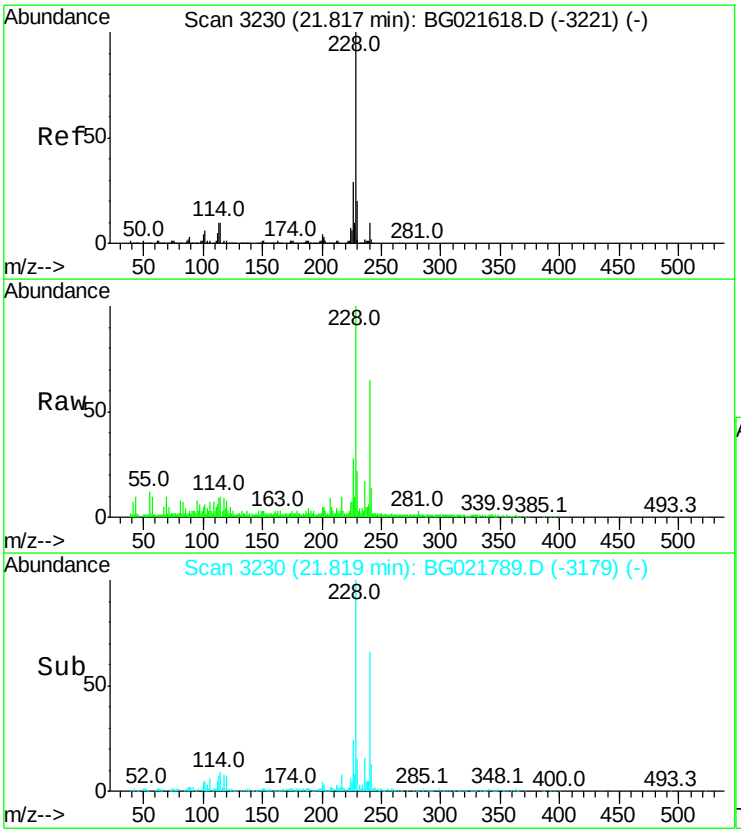
#78
Terphenyl-d14
Concen: 51.63 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 556902

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.5	8.6	12.8

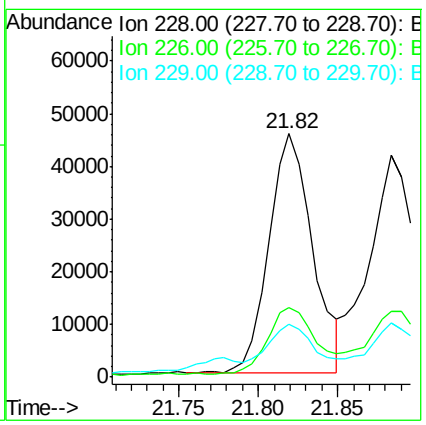


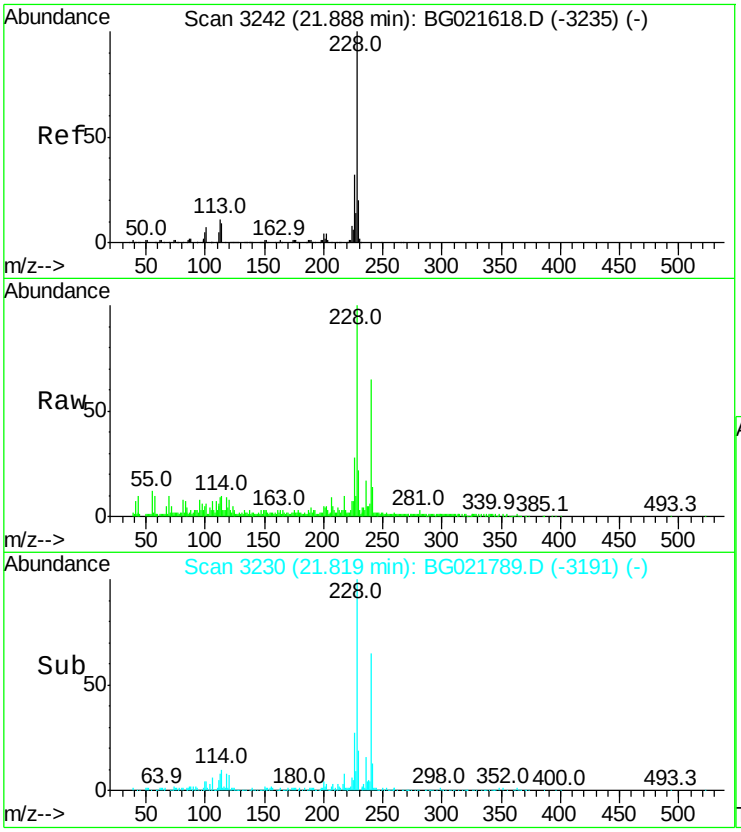


#80
Benzo(a)anthracene
Concen: 5.58 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:228 Resp: 86481

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	21.5	16.1	24.1



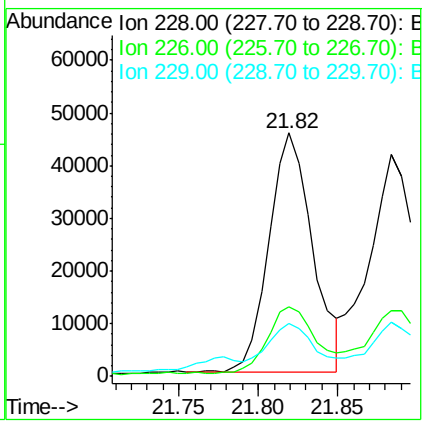


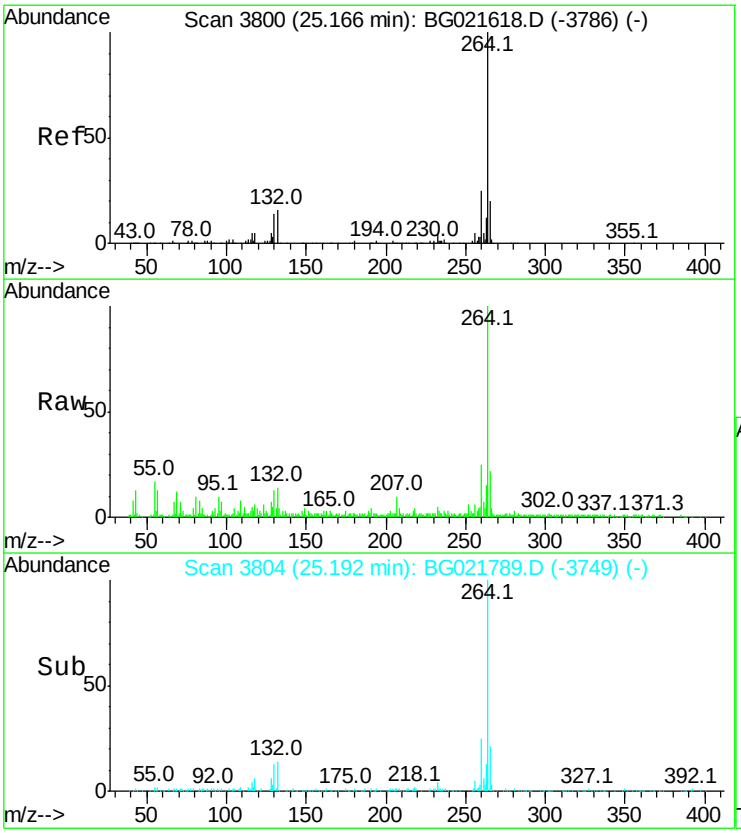
#82
Chrysene
Concen: 5.82 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.07 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 86554

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.4	38.0
229	21.5	15.9	23.9

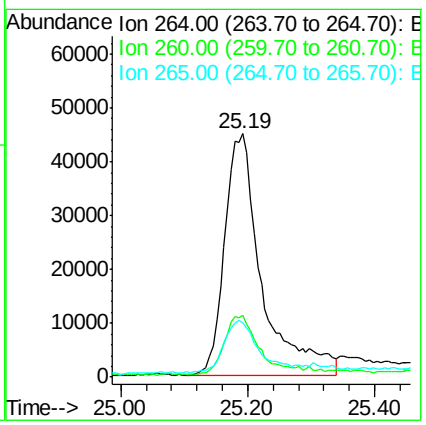


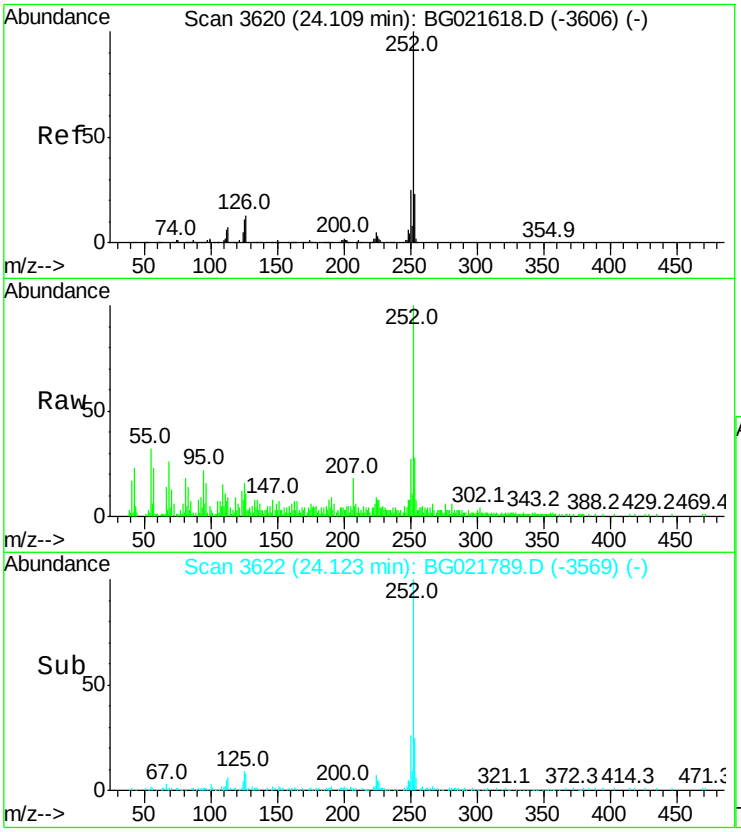


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3804
Delta R.T. 0.03 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:264 Resp: 182244

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	22.4	17.8	26.8



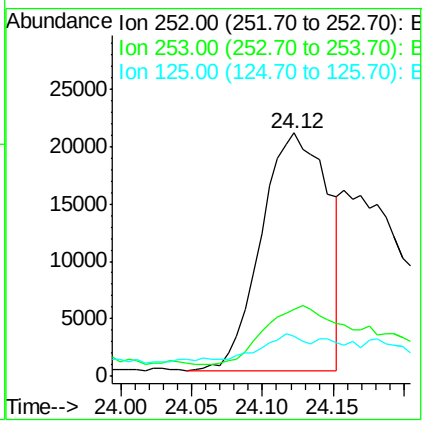


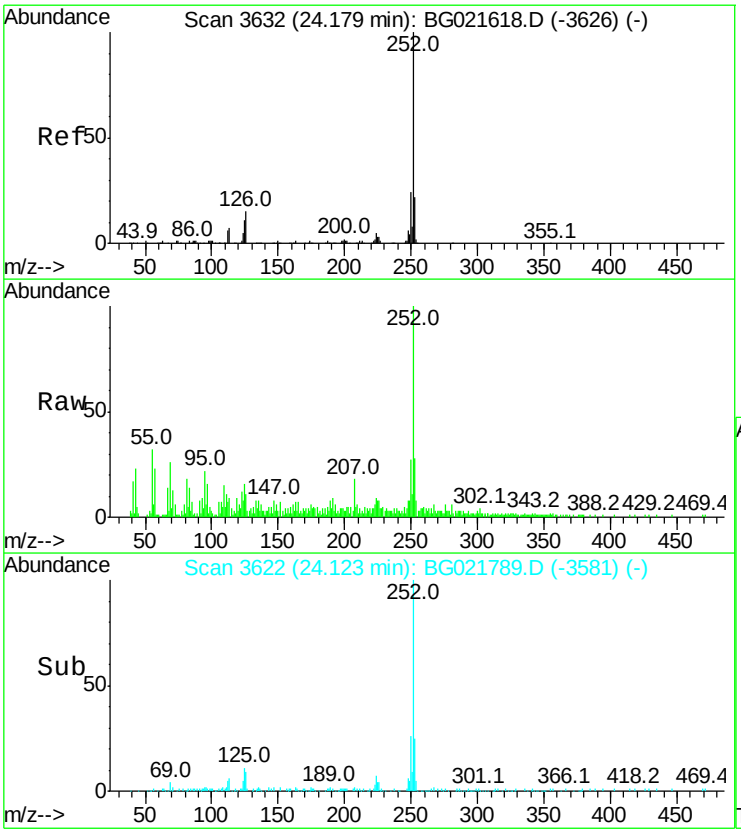
#87
Benzo(b)fluoranthene
Concen: 6.43 ng
RT: 24.12 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 67944

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.5	26.3#
125	16.4	8.6	13.0#

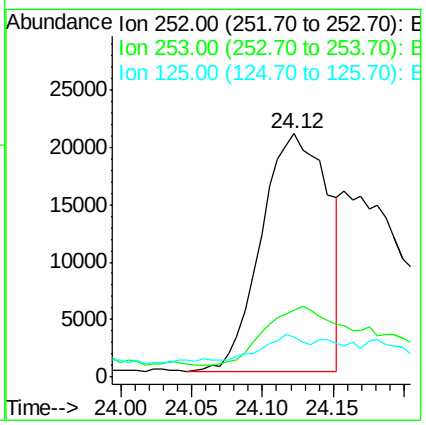


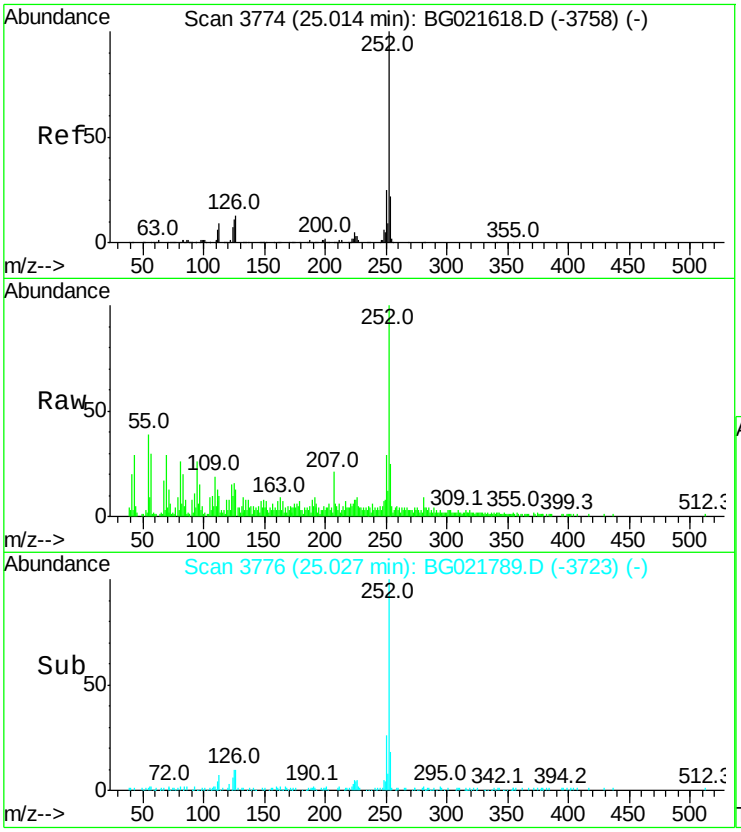


#88
Benzo(k)fluoranthene
Concen: 6.57 ng
RT: 24.12 min Scan# 3622
Delta R.T. -0.06 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Tgt Ion:252 Resp: 67944

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.8#
125	16.4	8.3	12.5#





#89
Benzo(a)pyrene
Concen: 5.41 ng
RT: 25.03 min Scan# 3776
Delta R.T. 0.01 min
Lab File: BG021789.D
Acq: 20 Apr 2016 17:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 55423

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	16.5	9.6	14.4#