Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016823.D
Acq On : 30 Apr 2015 7:16
Operator : TP/IZ
Sample : G2031-01 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB1

Quant Time: Apr 30 08:01:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 07:39:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	62945	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	269709	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	145892	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	268489	20.00	ng		0.00
75) Chrysene-d12	21.15	240	229007	20.00	ng		0.00
86) Perylene-d12	23.36	264	226307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	73572	21.53	ng		0.00
7) Phenol-d6	6.77	99	96562	20.13	ng		0.00
23) Nitrobenzene-d5	8.73	82	50177	12.12	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	18381	16.92	ng		0.00
44) 2-Fluorobiphenyl	12.83	172	127325	13.51	ng		0.00
78) Terphenyl-d14	19.60	244	131376	13.84	ng		0.00
Target Compounds							Qvalue
55) 4-Nitrophenol	14.63	139	281	6.36	ng	#	22
70) Phenanthrene	17.01	178	45706	3.15	ng		98
71) Anthracene	17.01	178	45706	3.15	ng		98
74) Fluoranthene	19.03	202	83998	5.38	ng		97
77) Pyrene	19.40	202	82478	5.51	ng		99
80) Benzo(a)anthracene	21.14	228	38934	2.94	ng		97
82) Chrysene	21.19	228	35810	2.86	ng		95
83) Bis(2-ethylhexyl)phthalate	21.07	149	48197	4.59	ng		95
87) Benzo(b)fluoranthene	22.69	252	44017	3.42	ng	#	92
88) Benzo(k)fluoranthene	22.69	252	44017	3.49	ng	#	91
89) Benzo(a)pyrene	23.26	252	33204	2.72	ng	#	94

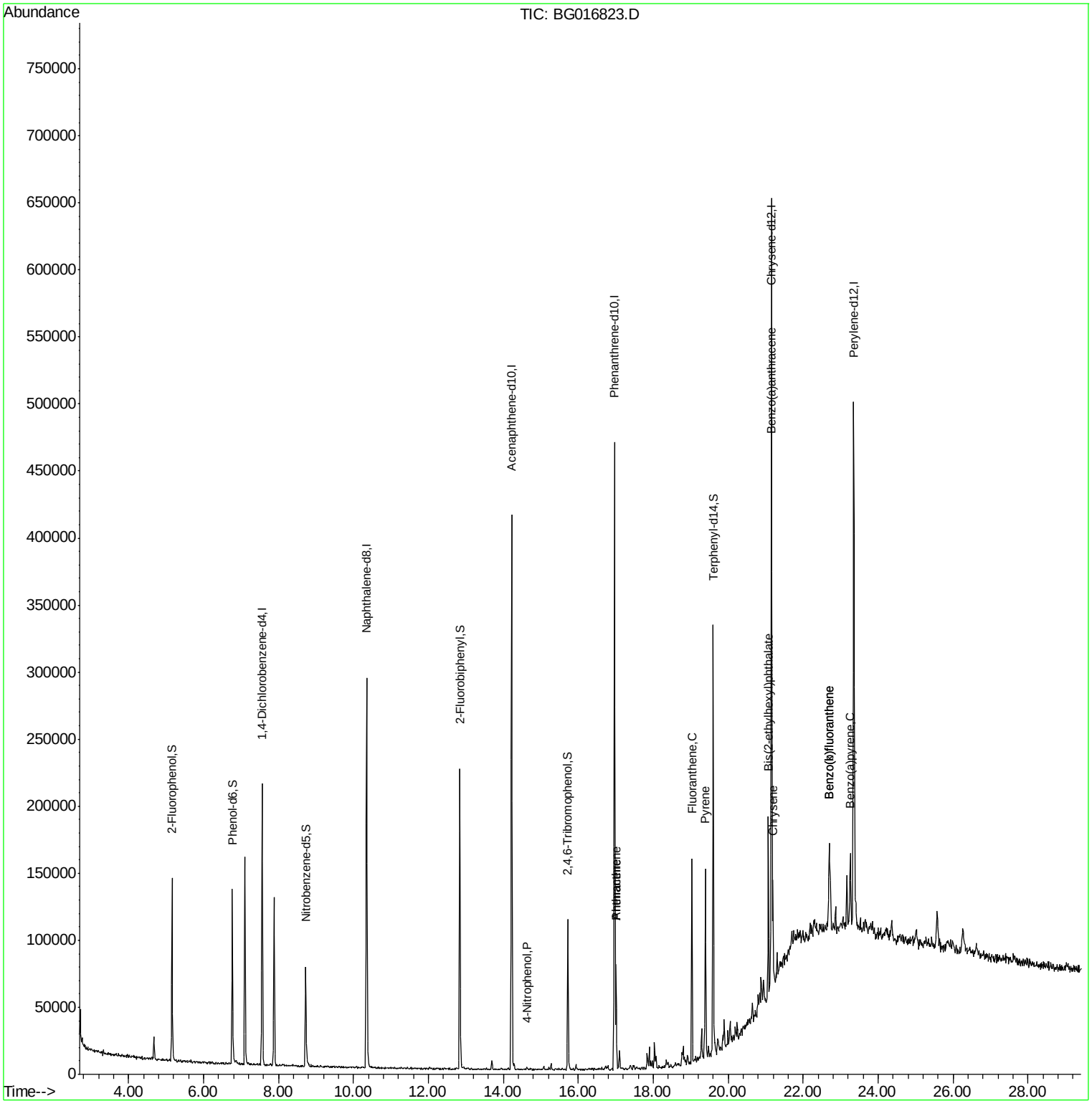
(#) = qualifier out of range (m) = manual integration (+) = signals summed

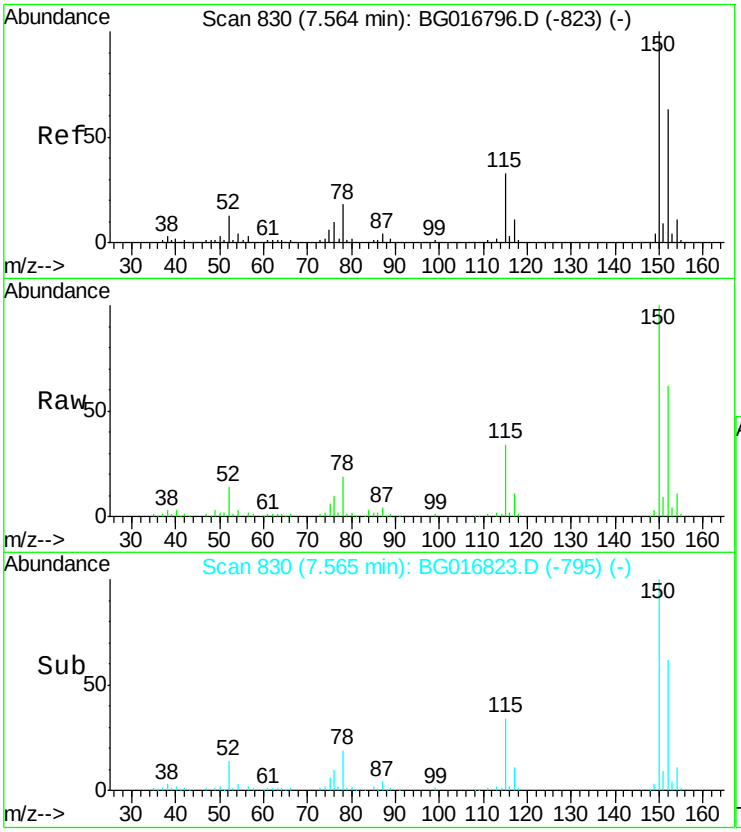
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016823.D
Acq On : 30 Apr 2015 7:16
Operator : TP/IZ
Sample : G2031-01 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB1

Quant Time: Apr 30 08:01:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 07:39:35 2015
Response via : Initial Calibration



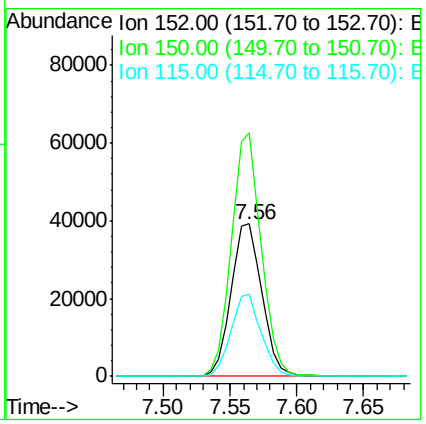


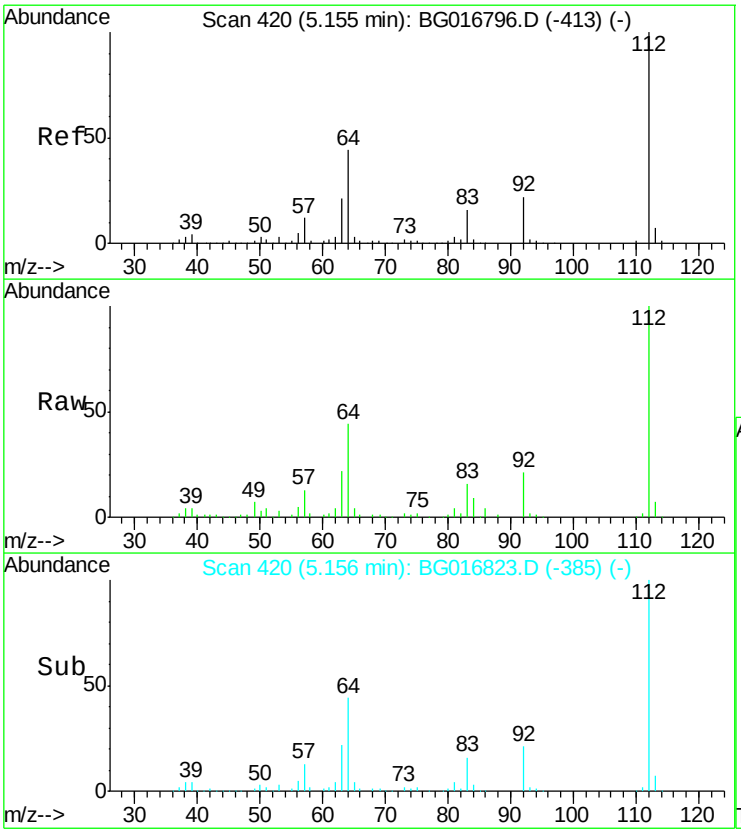
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:152 Resp: 62945

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.4
115	54.3	41.1	61.7

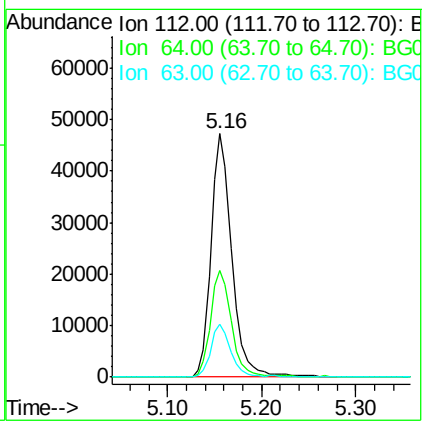


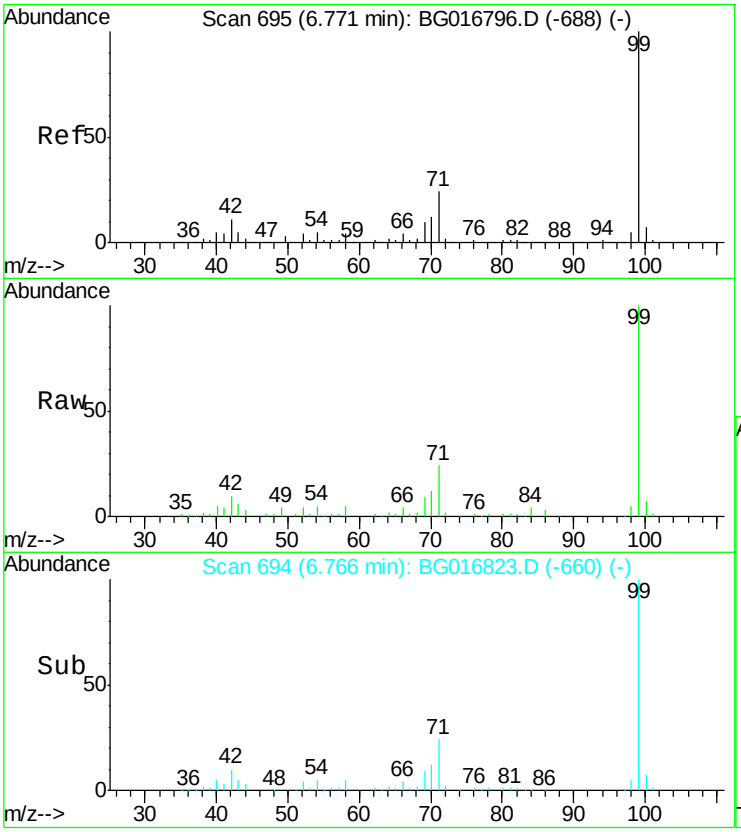


#5
2-Fluorophenol
Concen: 21.53 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:112 Resp: 73572

Ion	Ratio	Lower	Upper
112	100		
64	43.8	35.5	53.3
63	21.9	17.2	25.8



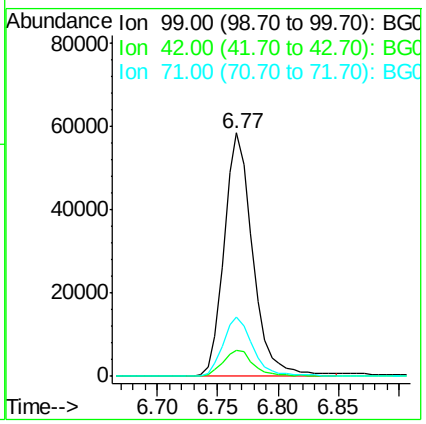


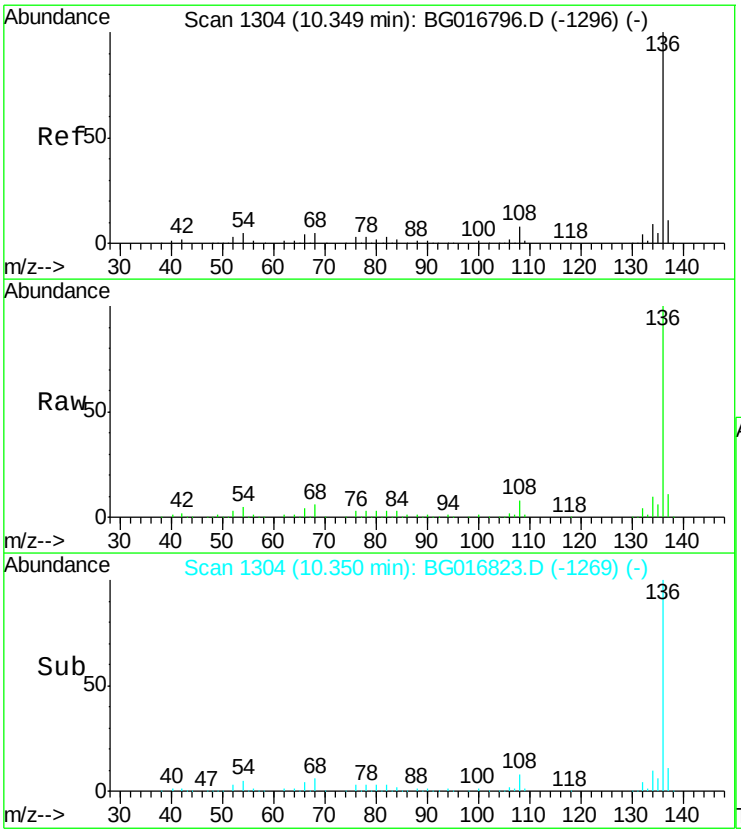
#7
Phenol-d6
Concen: 20.13 ng
RT: 6.77 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion: 99 Resp: 96562

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.9	13.3
71	24.1	19.0	28.6

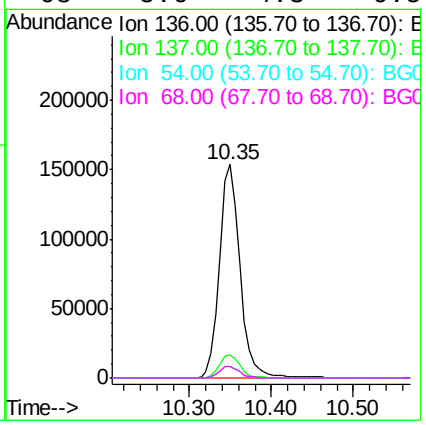


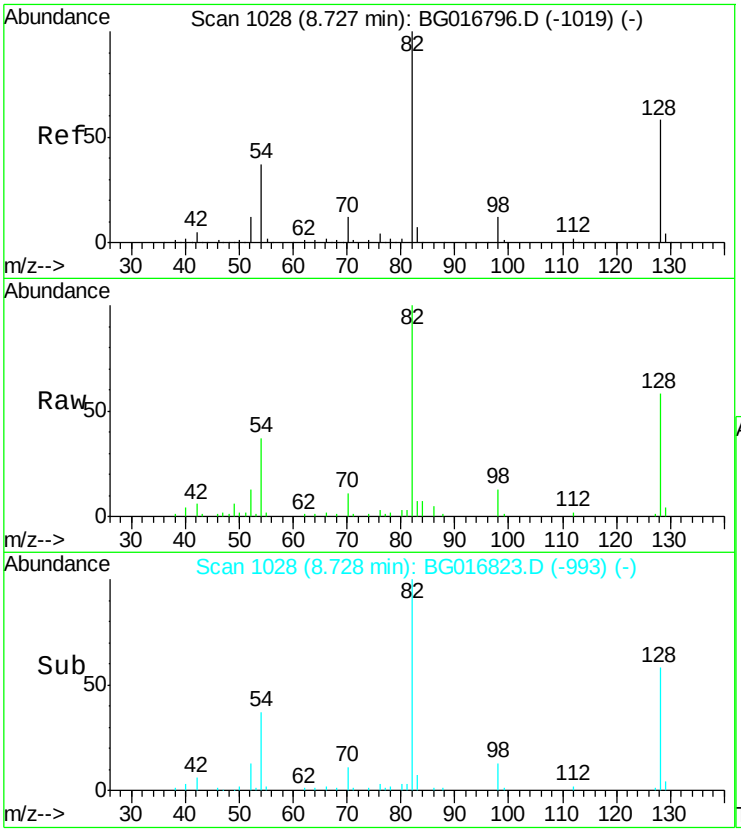


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:136 Resp: 269709

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	5.5	4.3	6.5
68	5.6	4.3	6.5



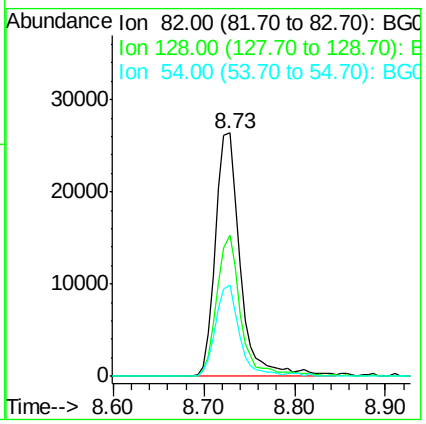


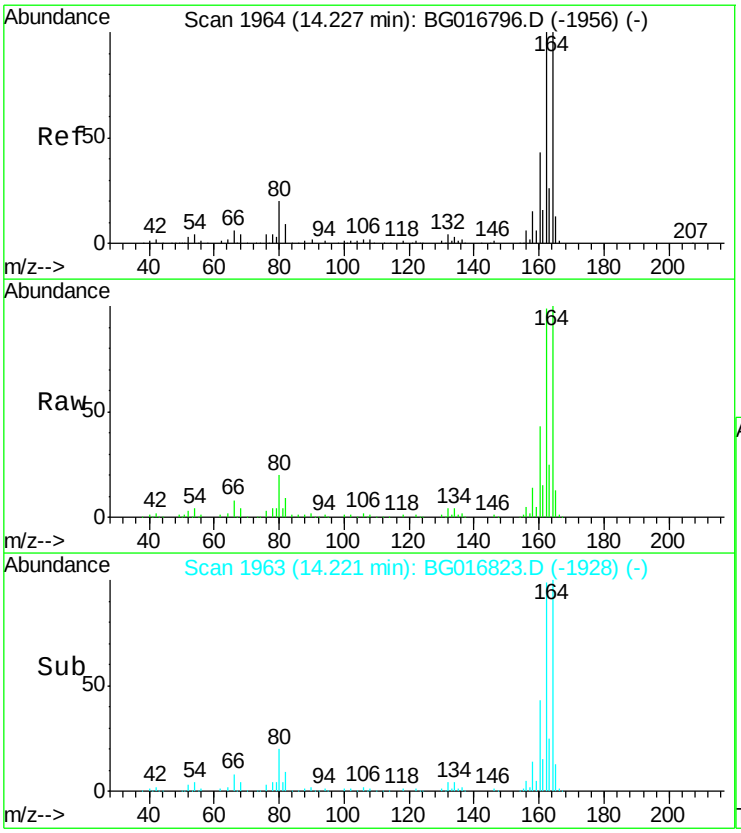
#23
Nitrobenzene-d5
Concen: 12.12 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion: 82 Resp: 50177

Ion	Ratio	Lower	Upper
82	100		
128	57.7	46.3	69.5
54	37.3	30.0	45.0

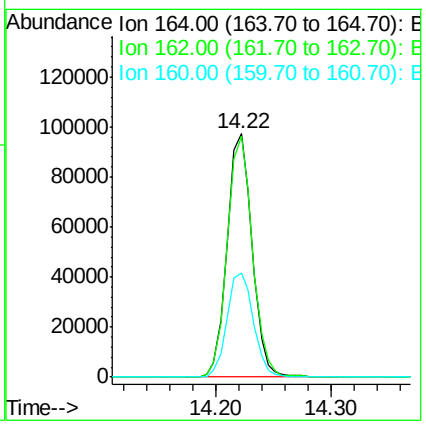


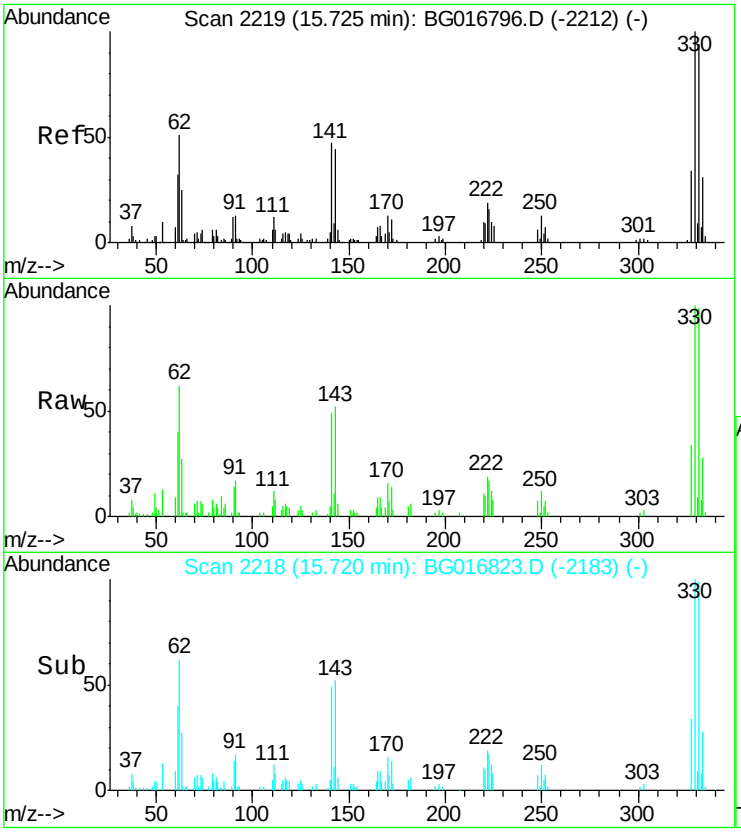


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:164 Resp: 145892

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.2	120.4
160	42.9	34.8	52.2



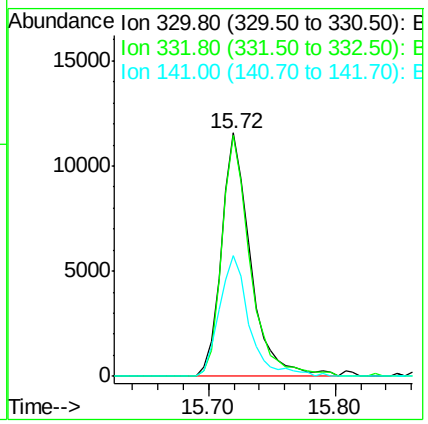


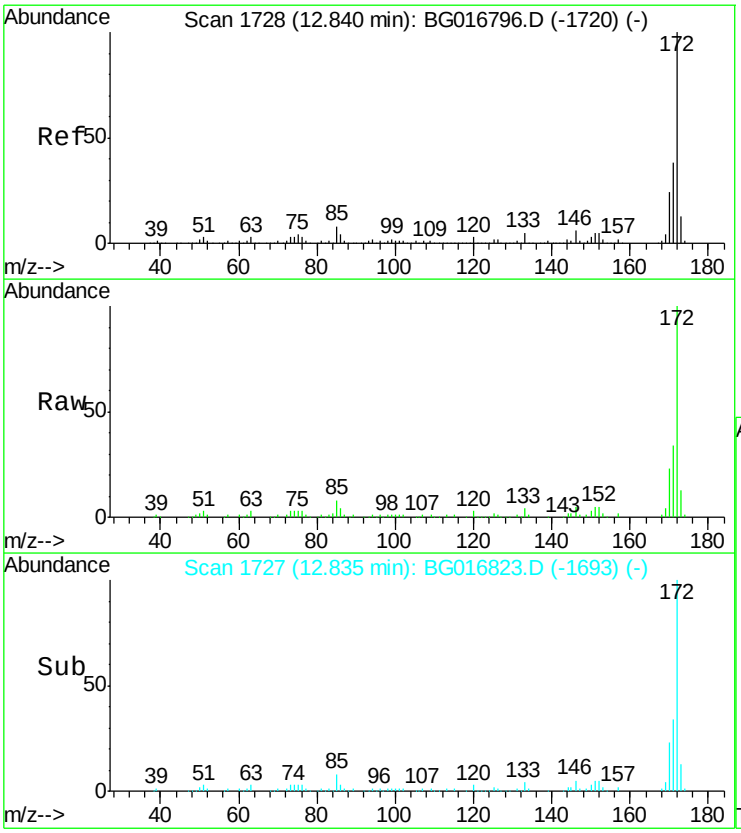
#41
2,4,6-Tribromophenol
Concen: 16.92 ng
RT: 15.72 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:330 Resp: 18381

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.3	112.9
141	50.8	40.7	61.1

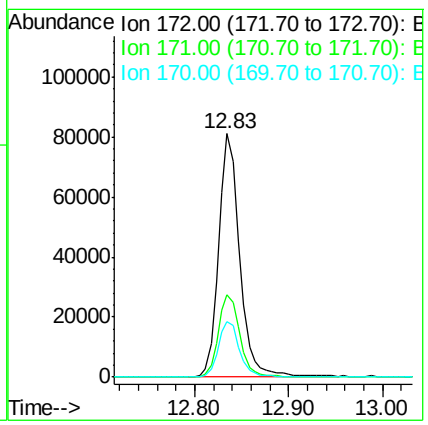


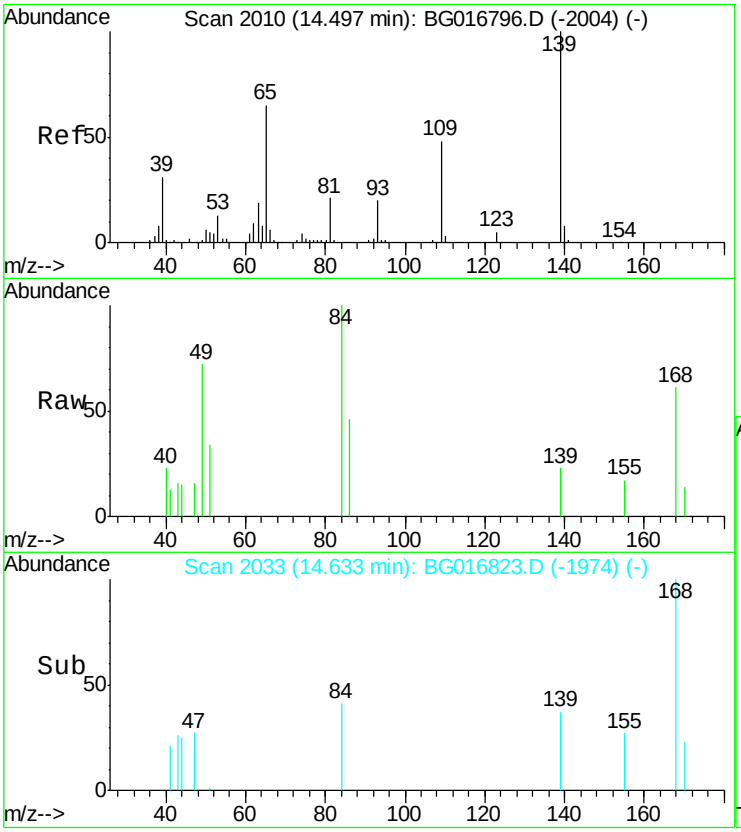


#44
2-Fluorobiphenyl
Concen: 13.51 ng
RT: 12.83 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:172 Resp: 127325

Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.2	45.4
170	22.6	19.4	29.0



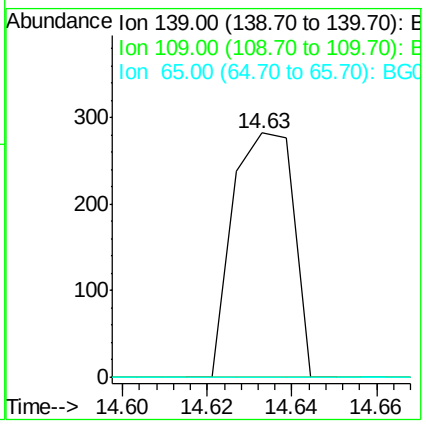


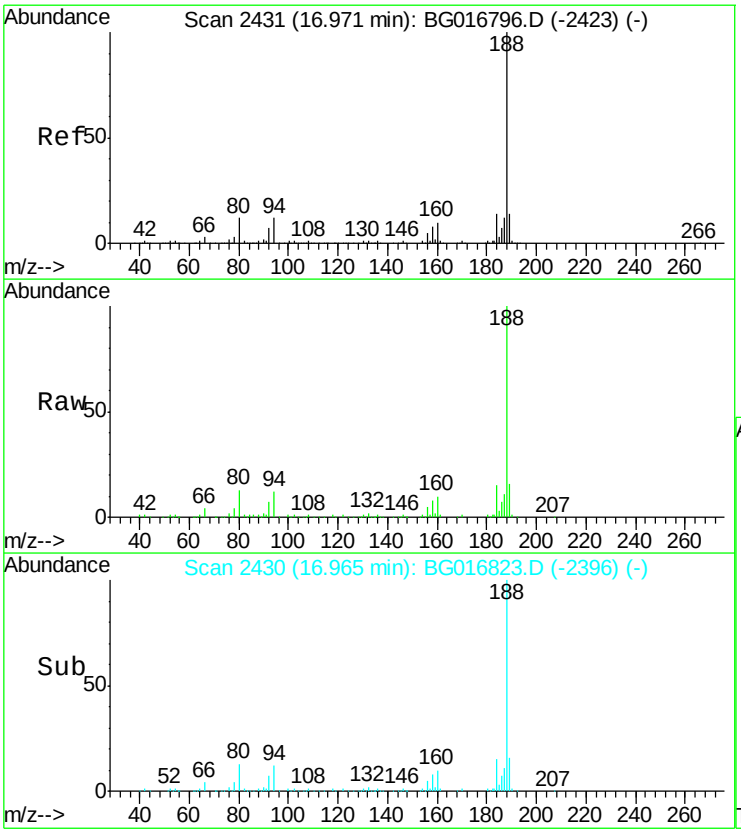
#55
4-Nitrophenol
Concen: 6.36 ng
RT: 14.63 min Scan# 2033
Delta R.T. 0.14 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:139 Resp: 281

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.8	67.8#
65	0.0	45.4	85.4#

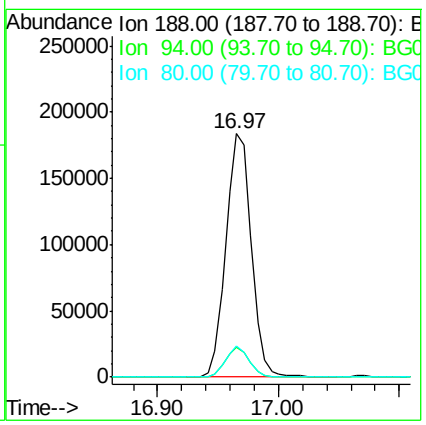


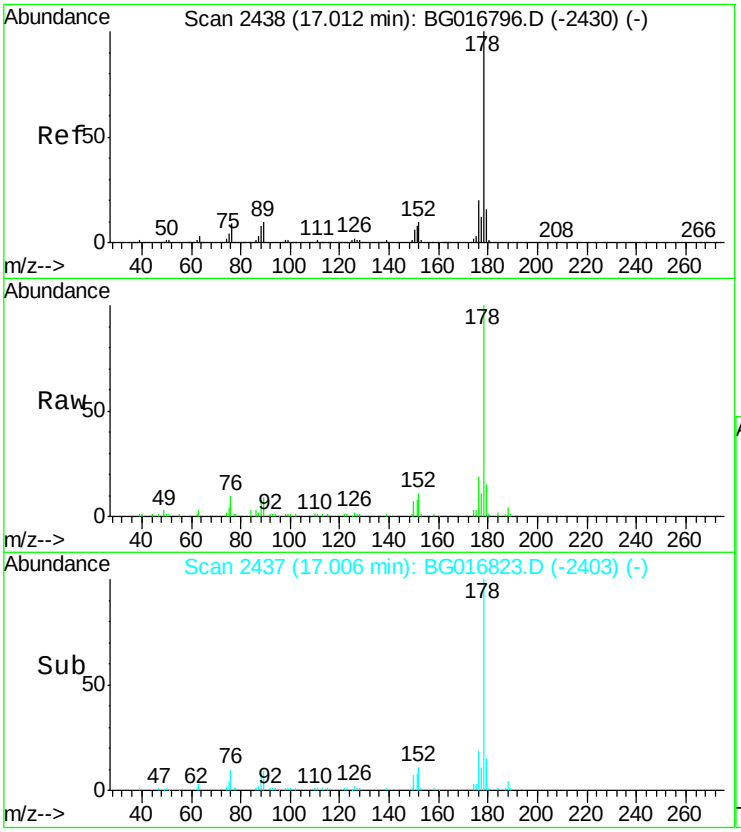


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:188 Resp: 268489

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.5	14.3
80	12.9	9.2	13.8



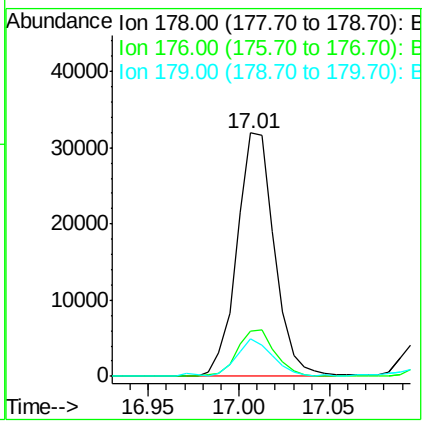


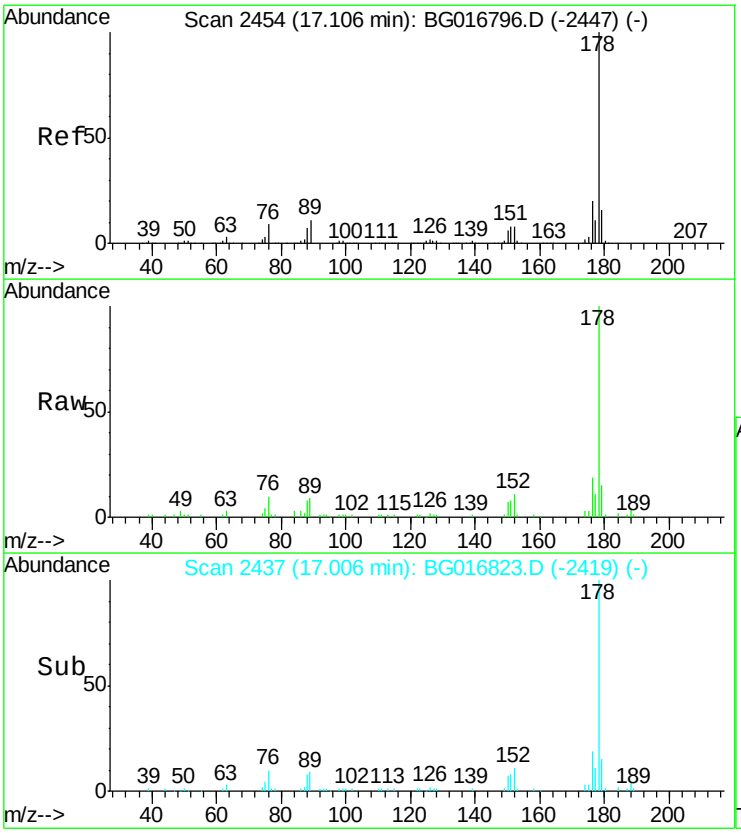
#70
Phenanthrene
Concen: 3.15 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:178 Resp: 45706

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.2	12.7	19.1

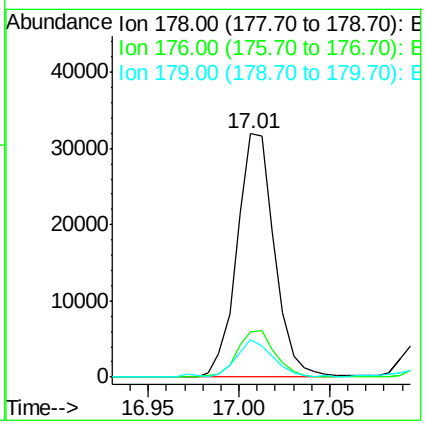


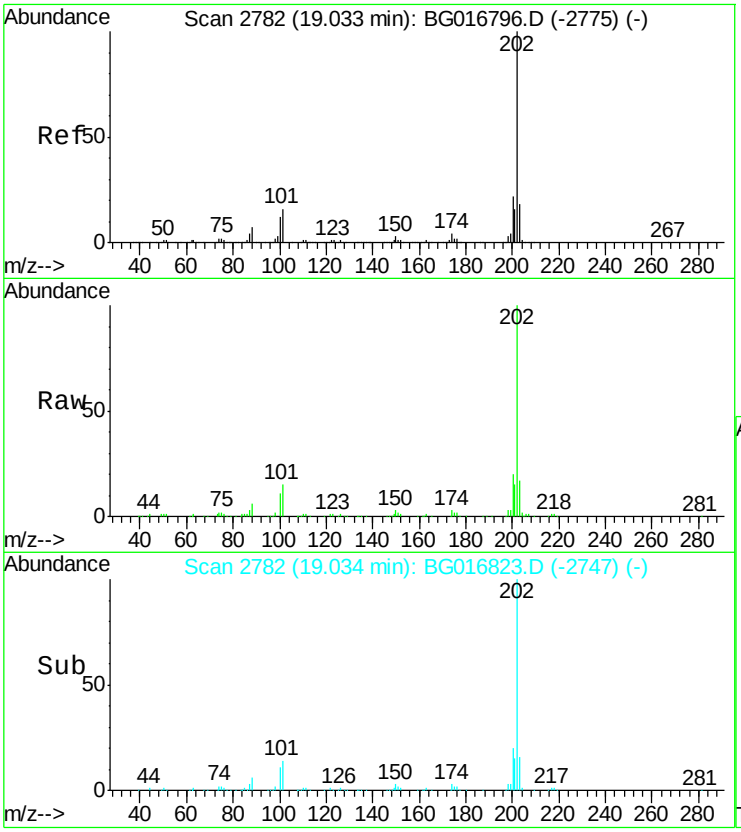


#71
Anthracene
Concen: 3.15 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.10 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:178 Resp: 45706

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.2	12.6	18.8



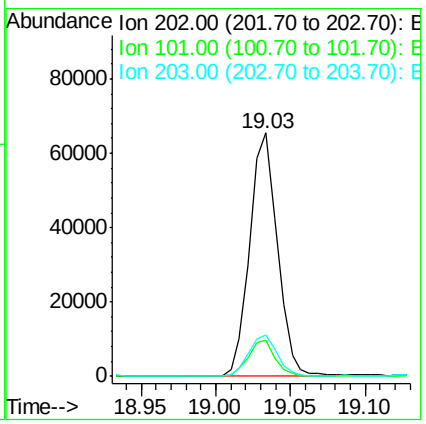


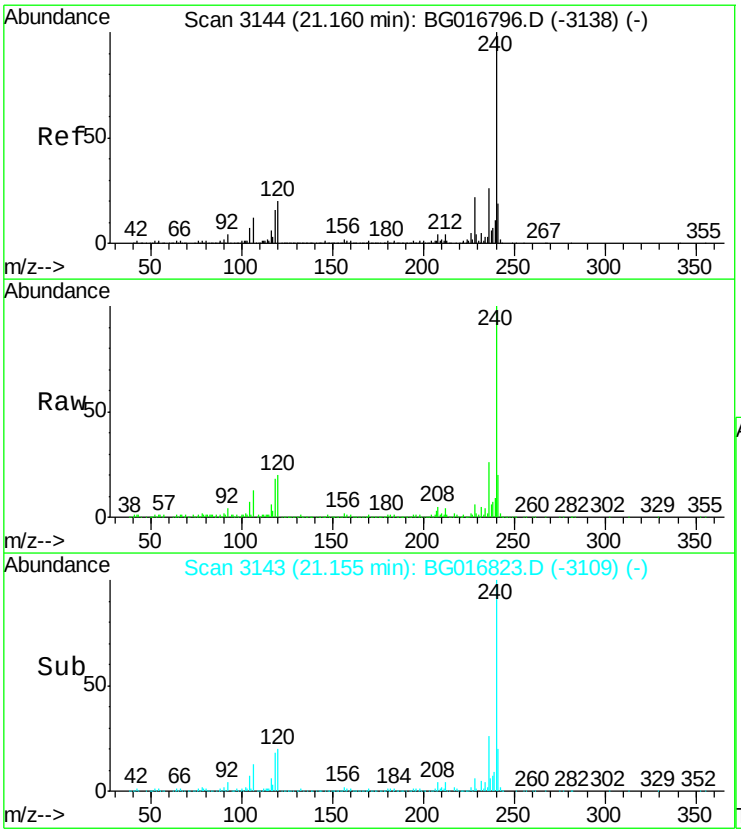
#74
Fluoranthene
Concen: 5.38 ng
RT: 19.03 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:202 Resp: 83998

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	36.2
203	16.8	0.0	37.6

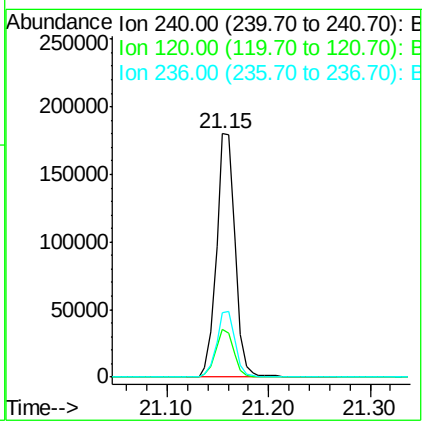


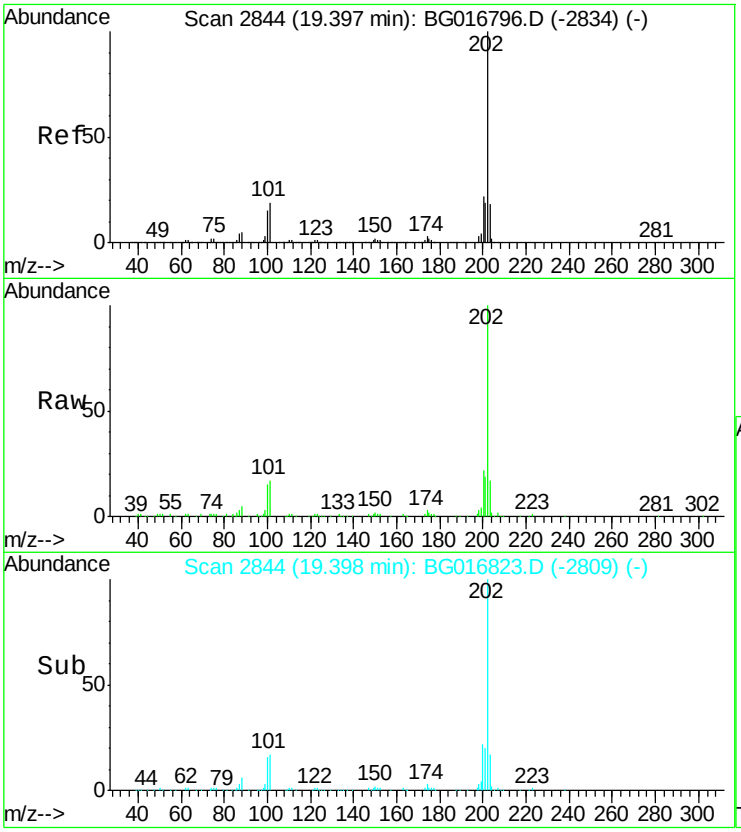


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:240 Resp: 229007

Ion	Ratio	Lower	Upper
240	100		
120	19.7	16.1	24.1
236	26.4	21.0	31.6



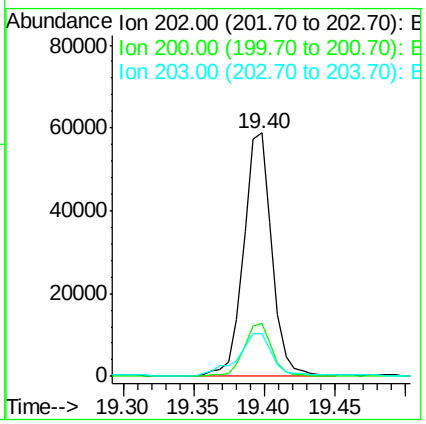


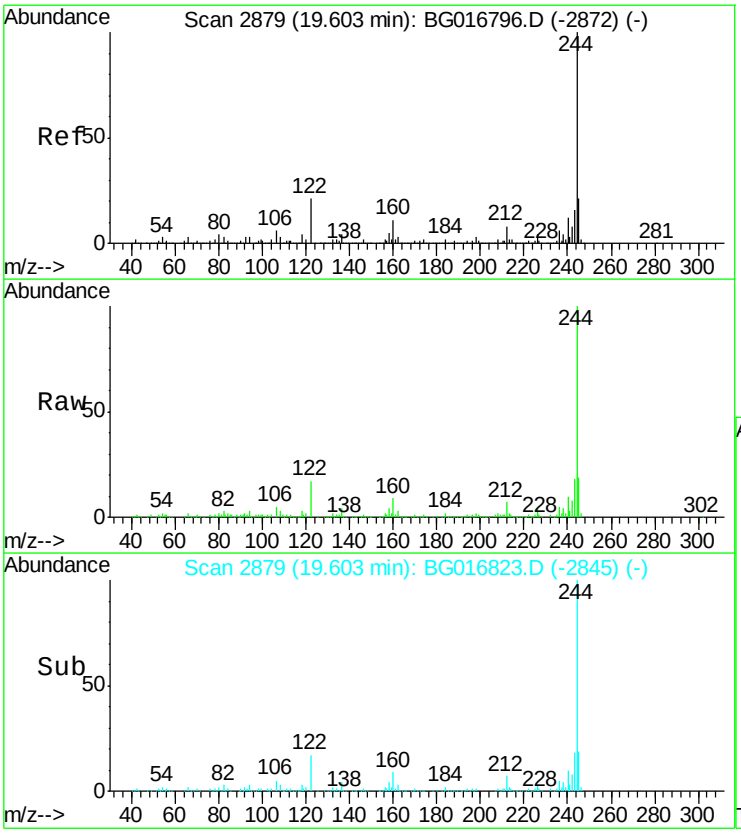
#77
Pyrene
Concen: 5.51 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:202 Resp: 82478

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.3	25.9
203	17.3	14.6	22.0

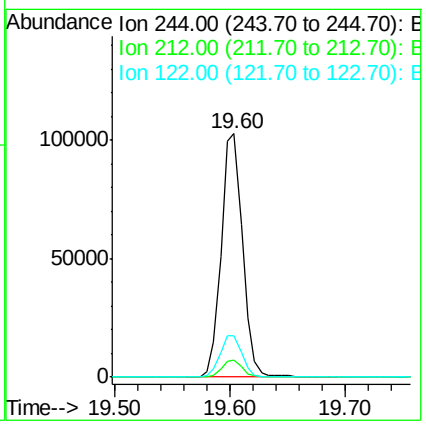


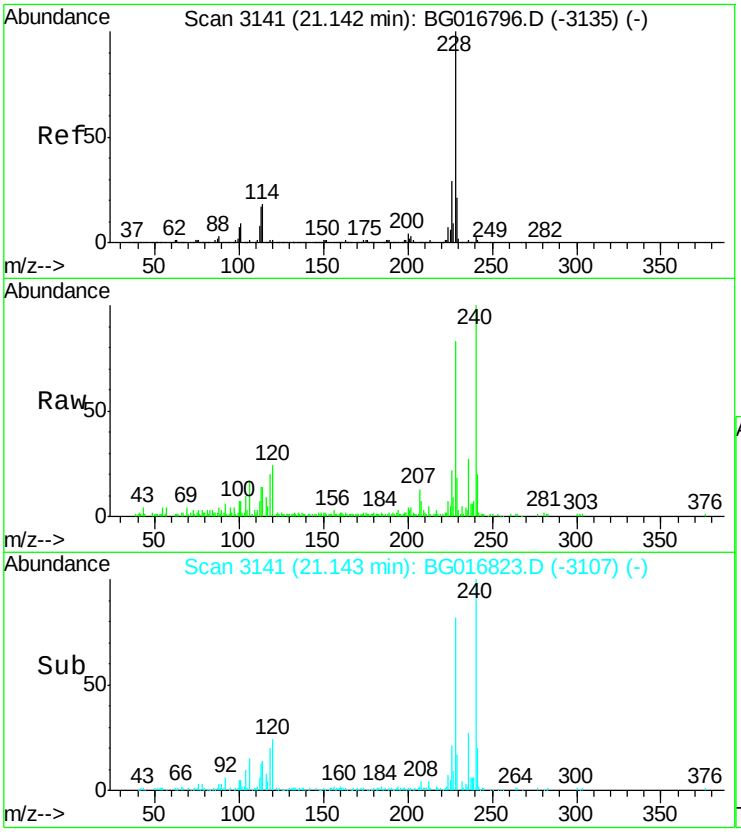


#78
Terphenyl-d14
Concen: 13.84 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:244 Resp: 131376

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	17.2	16.4	24.6



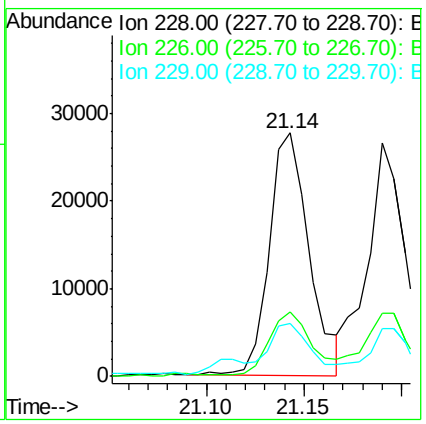


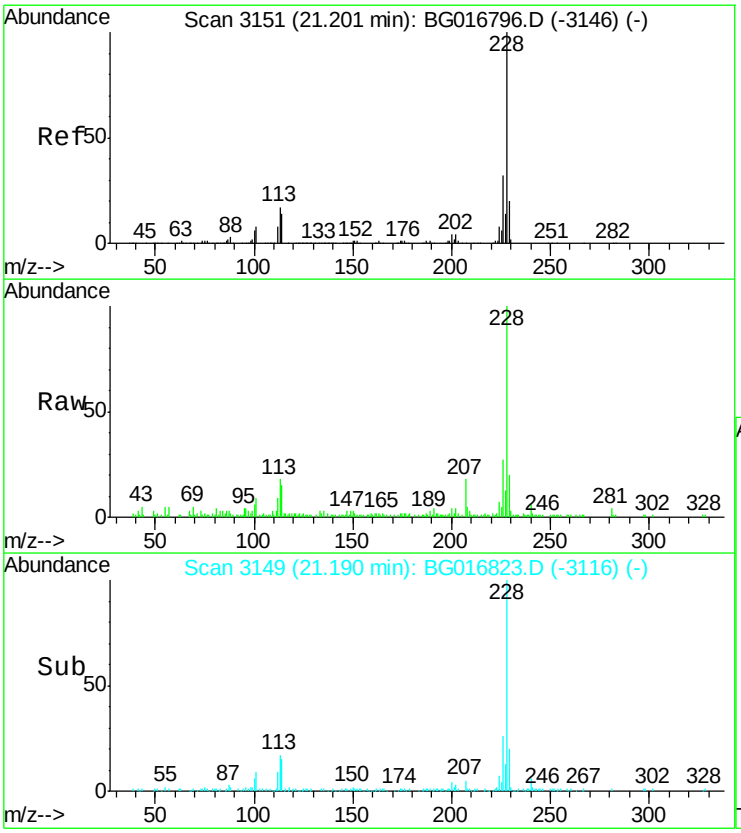
#80
Benzo(a)anthracene
Concen: 2.94 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:228 Resp: 38934

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.4	35.0
229	21.9	17.0	25.6

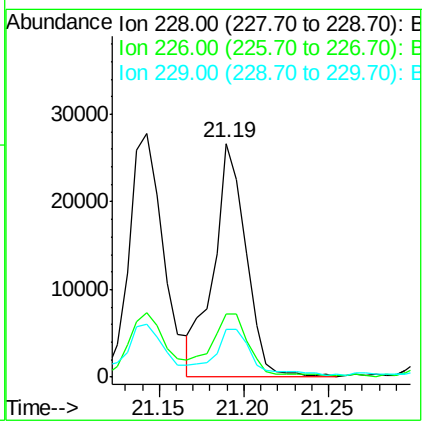


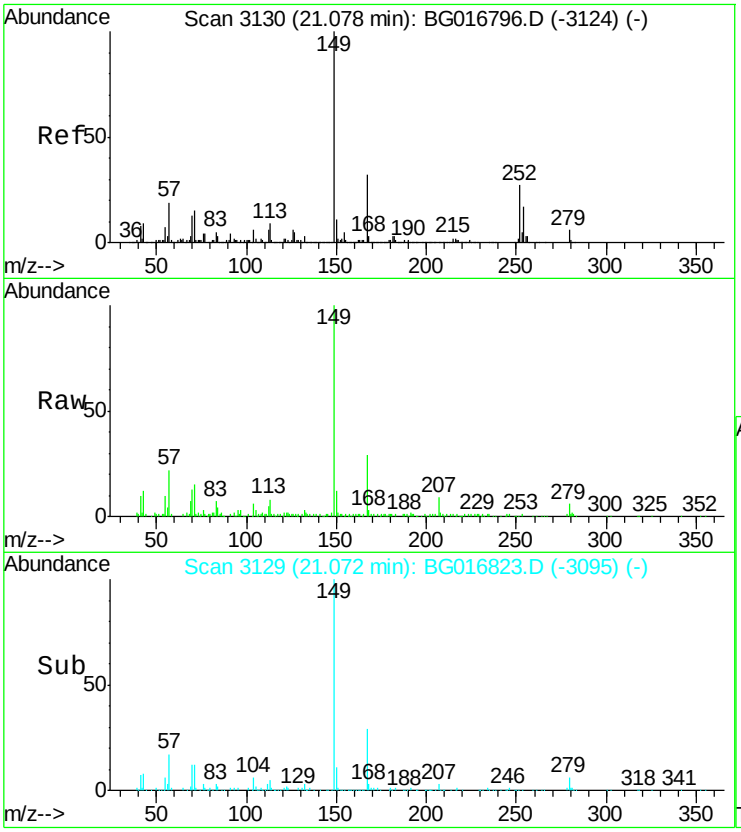


#82
Chrysene
Concen: 2.86 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:228 Resp: 35810

Ion	Ratio	Lower	Upper
228	100		
226	27.0	25.1	37.7
229	20.4	16.1	24.1



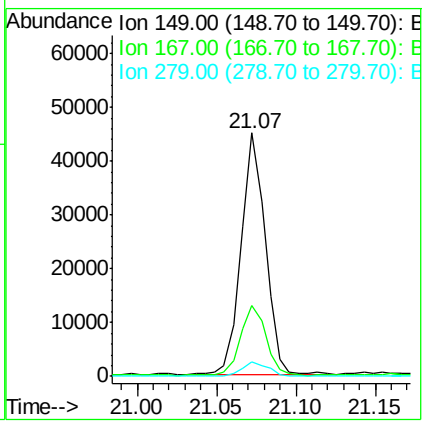


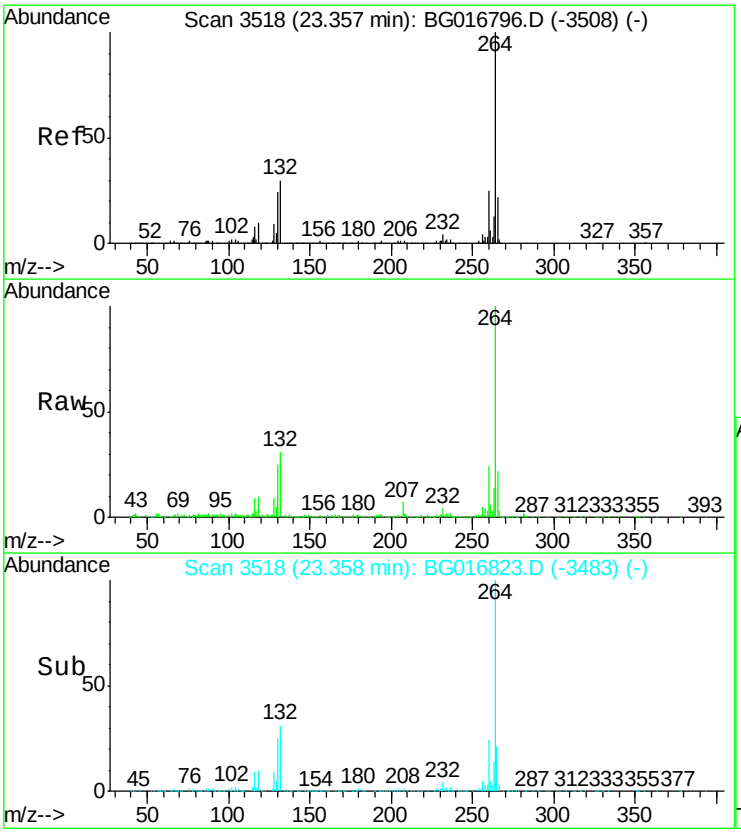
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.59 ng
RT: 21.07 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:149 Resp: 48197

Ion	Ratio	Lower	Upper
149	100		
167	28.9	25.9	38.9
279	5.9	5.0	7.4

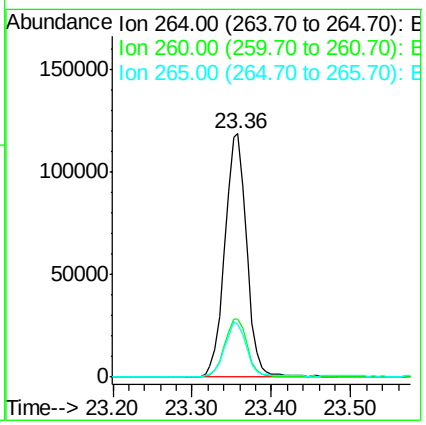


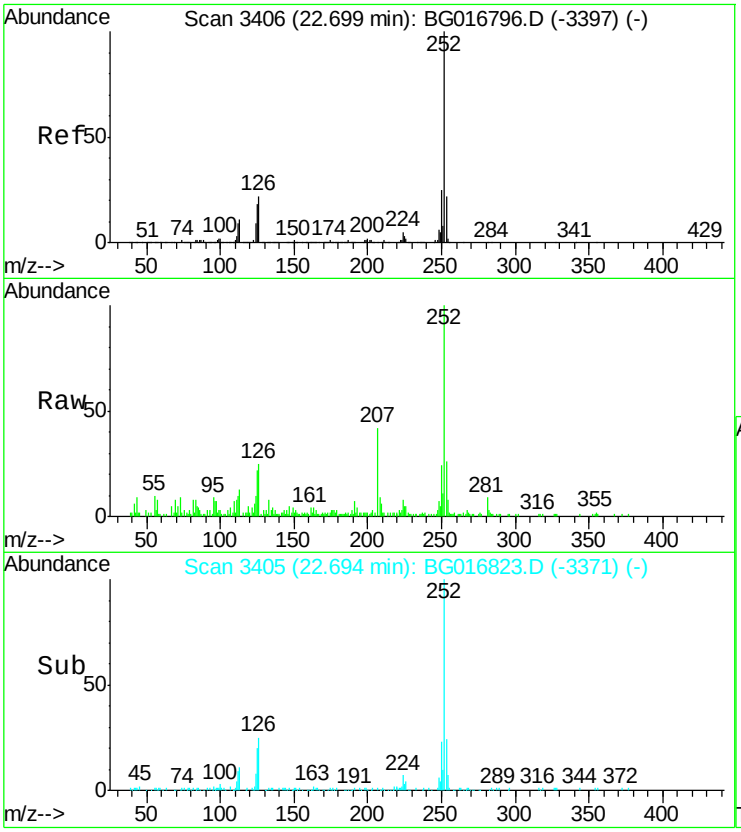


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:264 Resp: 226307

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.7	17.4	26.2



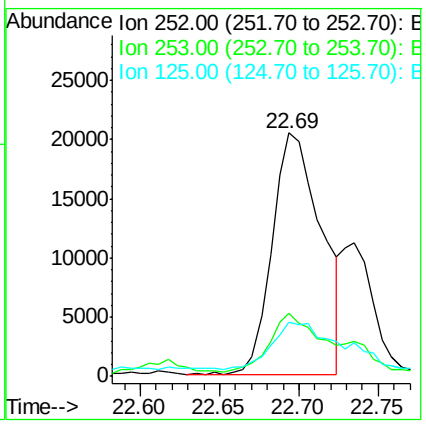


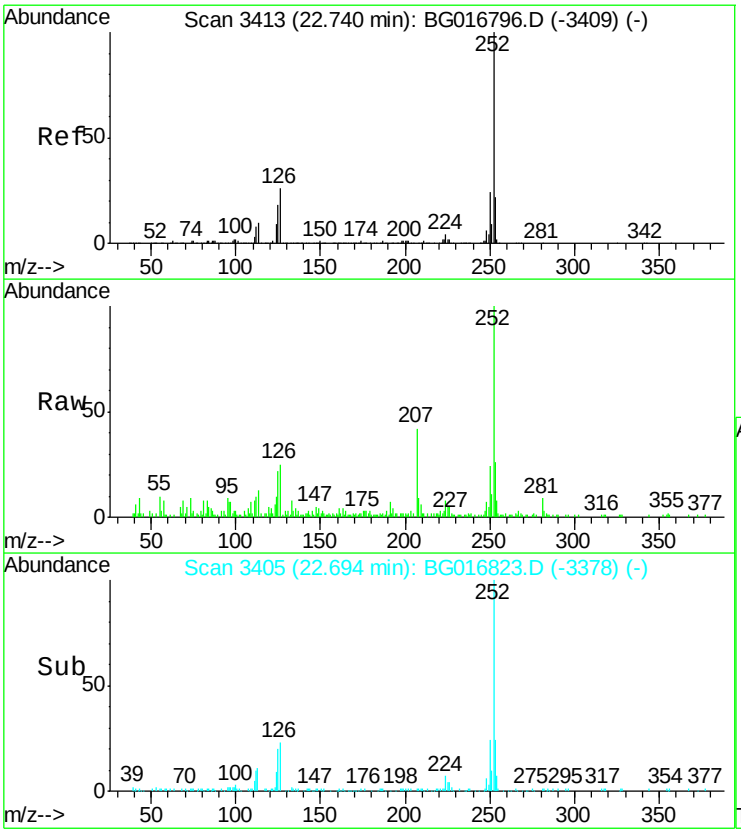
#87
Benzo(b)fluoranthene
Concen: 3.42 ng
RT: 22.69 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:252 Resp: 44017

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	22.3	14.2	21.2#

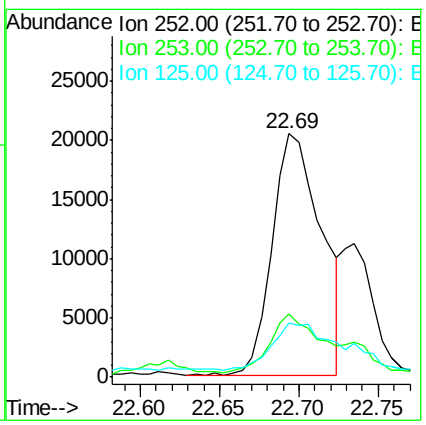


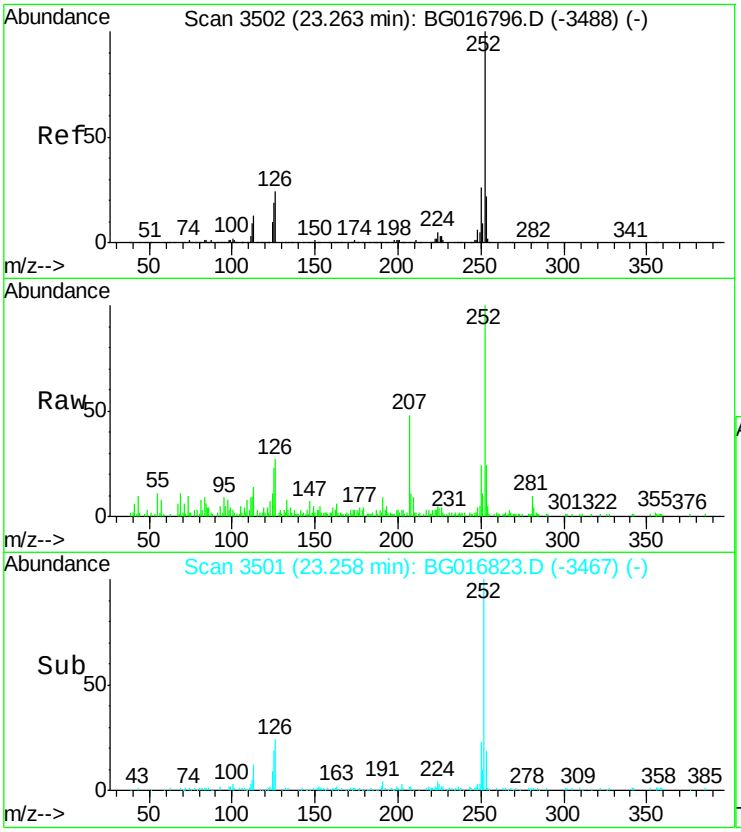


#88
Benzo(k)fluoranthene
Concen: 3.49 ng
RT: 22.69 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion:252 Resp: 44017

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	22.3	14.5	21.7#





#89
Benzo(a)pyrene
Concen: 2.72 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tgt Ion:252 Resp: 33204

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	23.1	15.0	22.4#