Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016770.D
Acq On : 28 Apr 2015 18:26
Operator : TP/IZ
Sample : G1991-13DL 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-63SDL

Quant Time: Apr 29 01:14:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	68314	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	304182	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	165885	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	306146	20.00	ng		0.00
75) Chrysene-d12	21.16	240	257747	20.00	ng		0.00
86) Perylene-d12	23.36	264	248222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	17278	4.10	ng		0.00
7) Phenol-d6	6.77	99	22579	3.82	ng		0.00
23) Nitrobenzene-d5	8.73	82	11797	2.45	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	4132	3.36	ng		0.00
44) 2-Fluorobiphenyl	12.84	172	29273	2.84	ng		0.00
78) Terphenyl-d14	19.60	244	30759	2.75	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.88	122	67	8.88	ng	#	1
51) Acenaphthene	14.28	154	25854	2.46	ng		94
55) 4-Nitrophenol	14.63	139	9590	3.48	ng	#	22
57) Fluorene	15.28	166	27915	2.15	ng		98
70) Phenanthrene	17.01	178	642198	36.51	ng		99
71) Anthracene	17.10	178	149055	8.52	ng		97
72) Carbazole	17.38	167	47843	2.73	ng		96
74) Fluoranthene	19.04	202	960697	51.55	ng		97
77) Pyrene	19.40	202	871123	48.11	ng		99
80) Benzo(a)anthracene	21.14	228	359665	23.01	ng		99
82) Chrysene	21.19	228	318560	21.26	ng		98
85) Indeno(1,2,3-cd)pyrene	25.58	276	143156	8.77	ng	#	89
87) Benzo(b)fluoranthene	22.70	252	448491	29.75	ng		97
88) Benzo(k)fluoranthene	22.70	252	448491	30.48	ng		96
89) Benzo(a)pyrene	23.26	252	258075	18.16	ng		96
90) Dibenzo(a,h)anthracene	25.58	278	38559	2.79	ng	#	64
91) Benzo(g,h,i)perylene	26.27	276	135871	9.67	ng		100

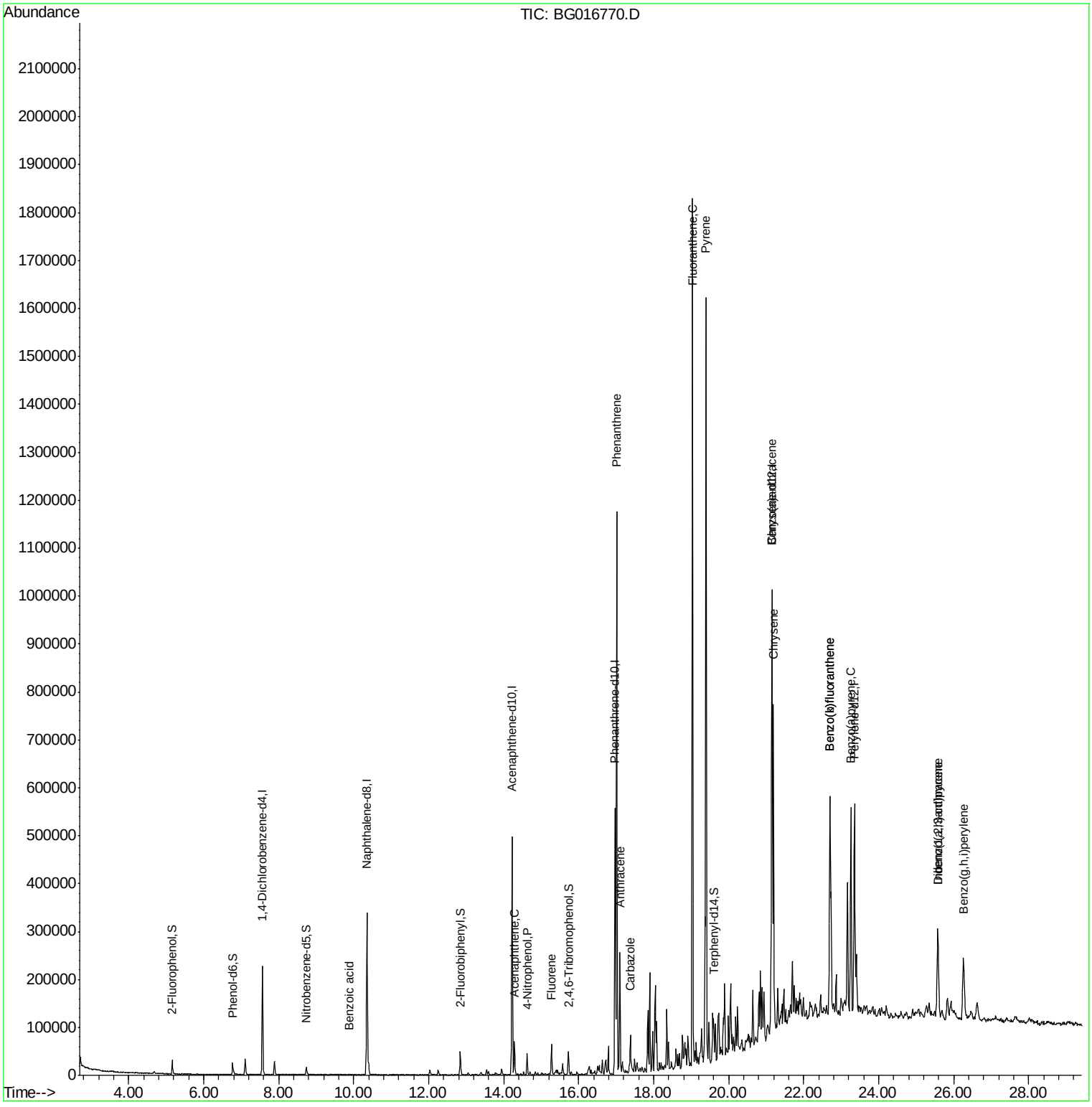
(#) = qualifier out of range (m) = manual integration (+) = signals summed

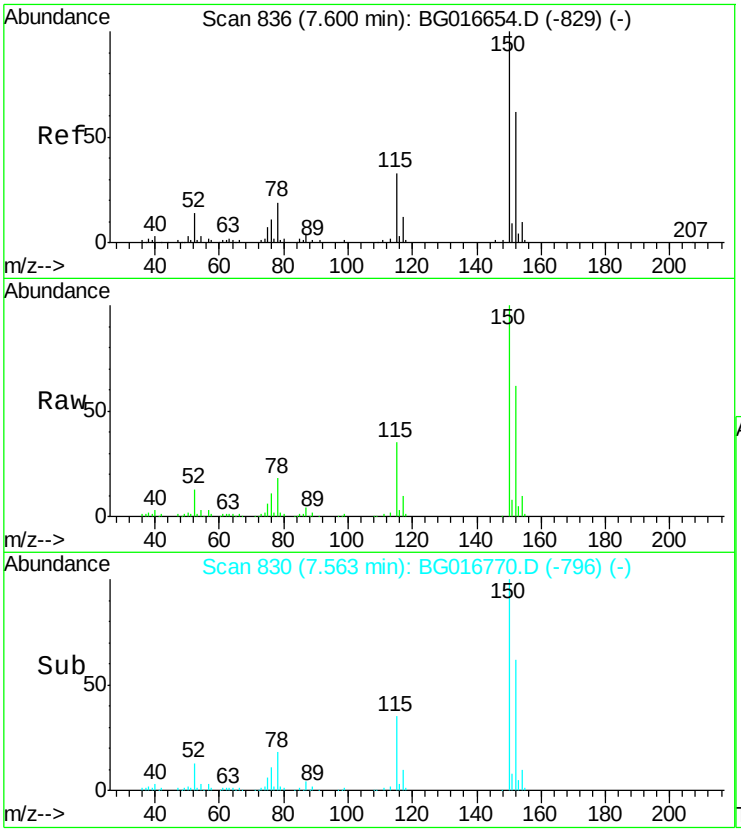
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016770.D
Acq On : 28 Apr 2015 18:26
Operator : TP/IZ
Sample : G1991-13DL 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-63SDL

Quant Time: Apr 29 01:14:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration



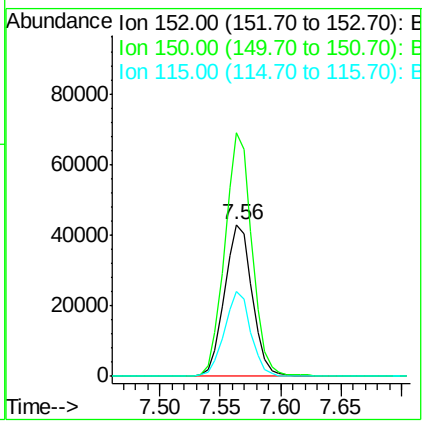


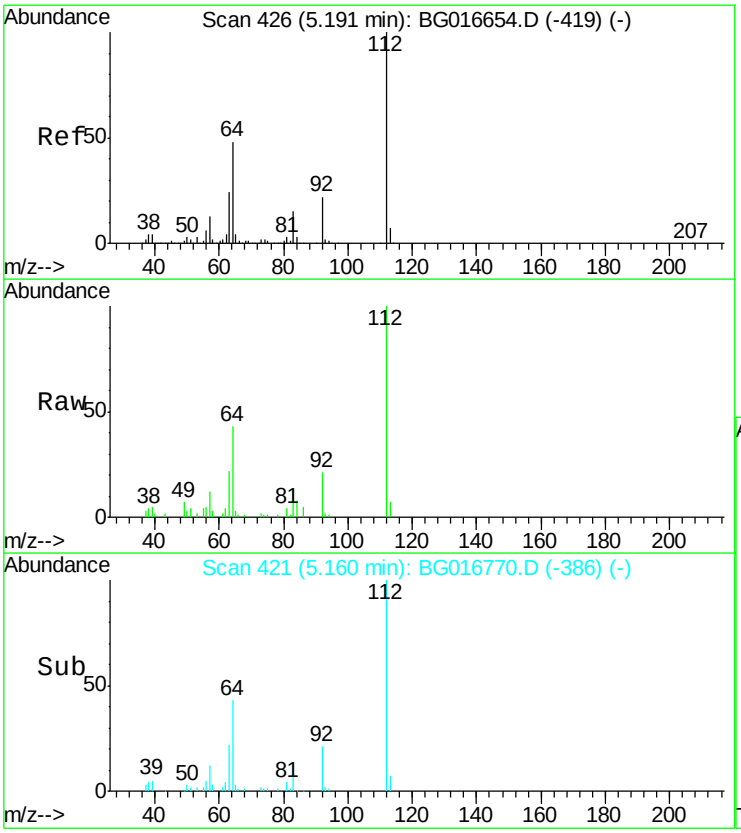
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:152 Resp: 68314

Ion	Ratio	Lower	Upper
152	100		
150	160.7	129.6	194.4
115	55.8	43.0	64.6

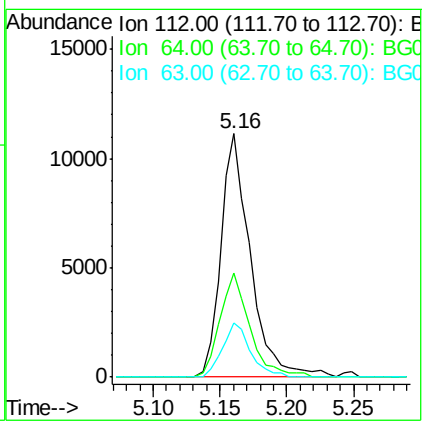


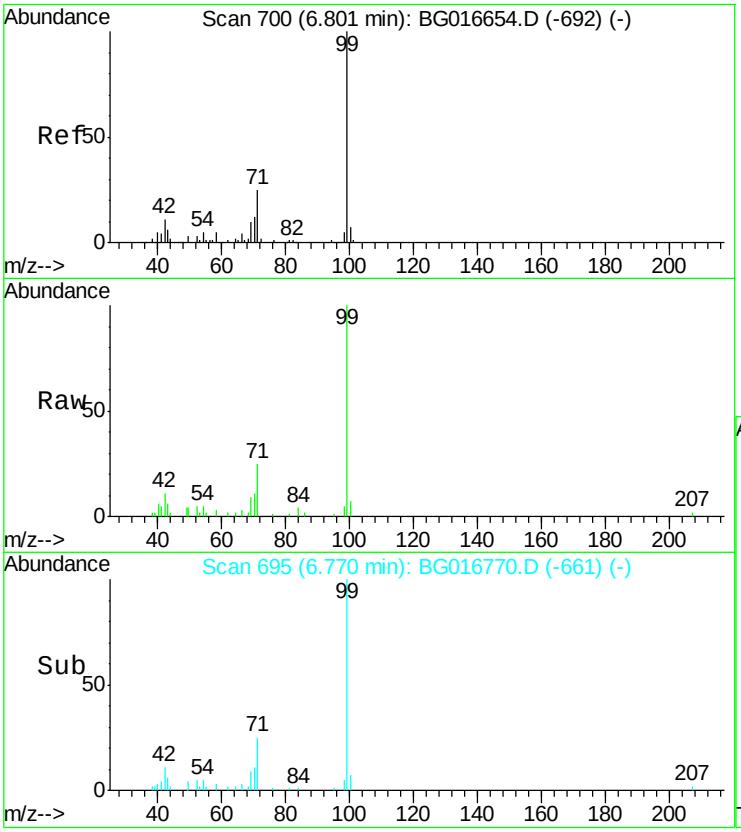


#5
2-Fluorophenol
Concen: 4.10 ng
RT: 5.16 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:112 Resp: 17278

Ion	Ratio	Lower	Upper
112	100		
64	43.0	38.3	57.5
63	22.5	18.9	28.3



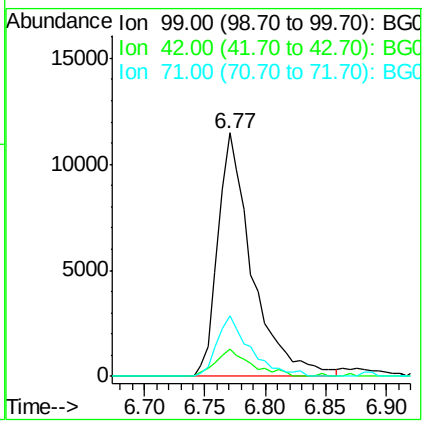


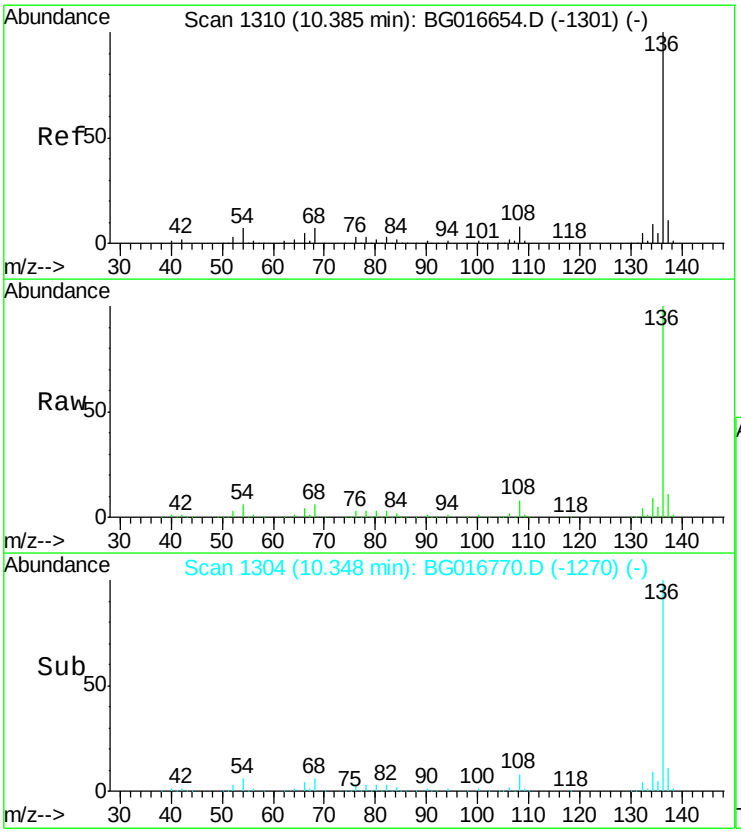
#7
Phenol-d6
Concen: 3.82 ng
RT: 6.77 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion: 99 Resp: 22579

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.8	13.2
71	24.7	19.9	29.9

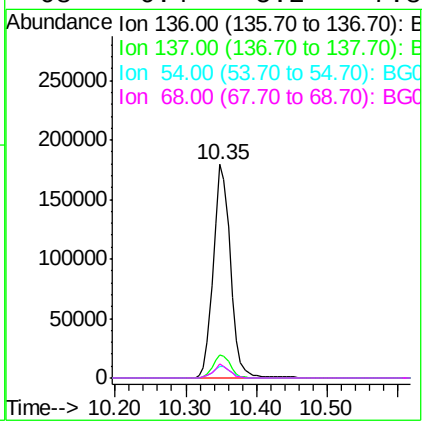


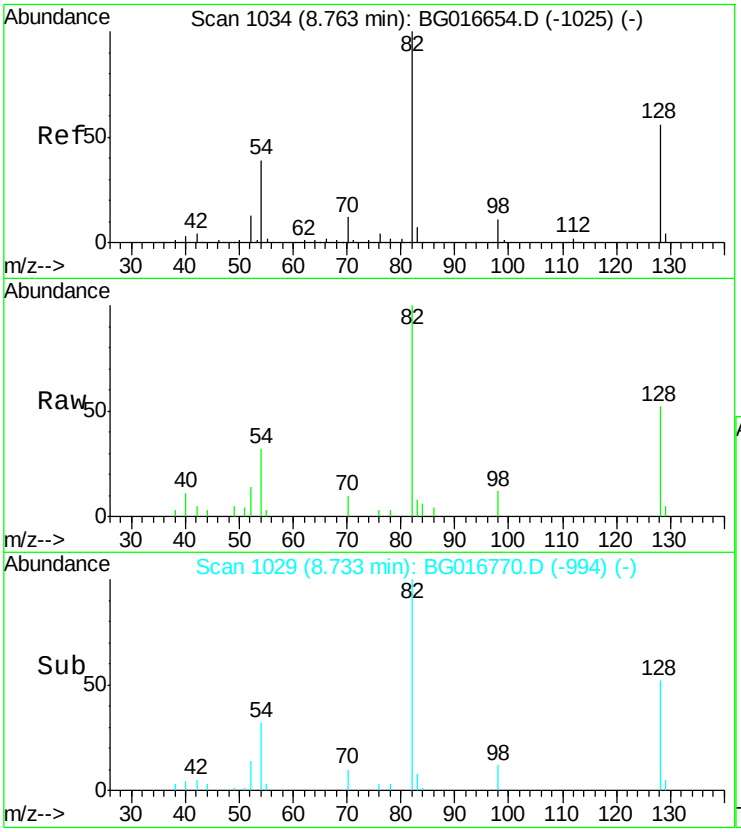


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:136 Resp: 304182

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	5.6	5.4	8.2
68	6.4	5.2	7.8



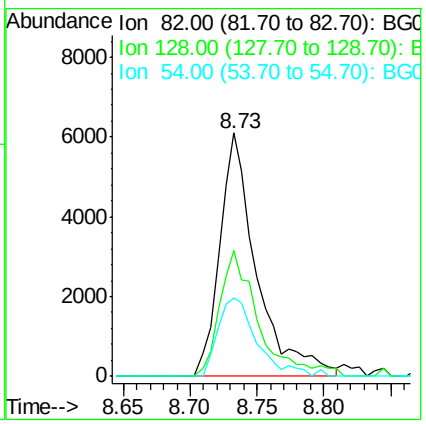


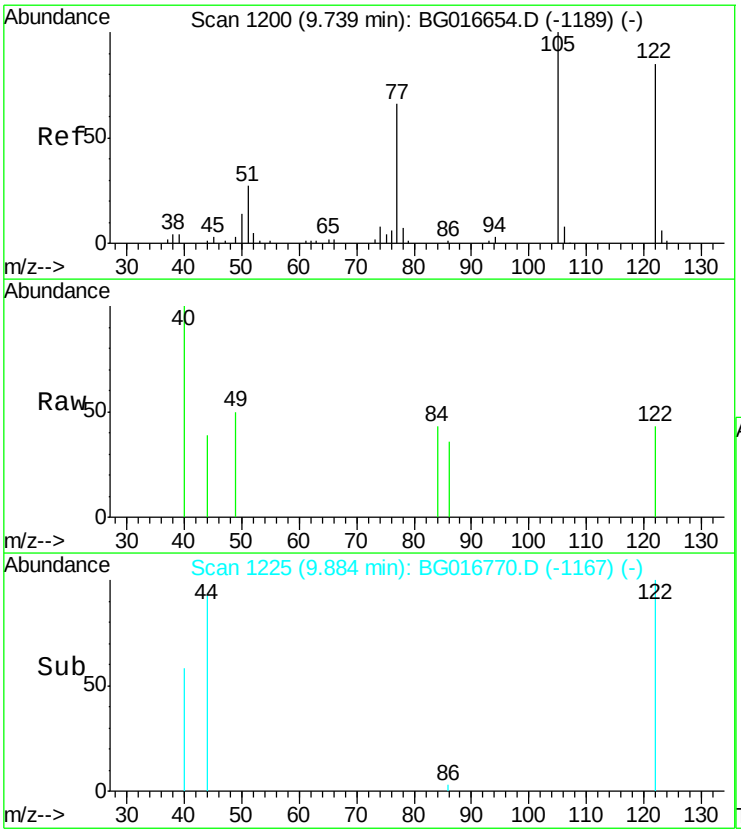
#23
Nitrobenzene-d5
Concen: 2.45 ng
RT: 8.73 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion: 82 Resp: 11797

Ion	Ratio	Lower	Upper
82	100		
128	51.6	44.7	67.1
54	32.3	30.9	46.3

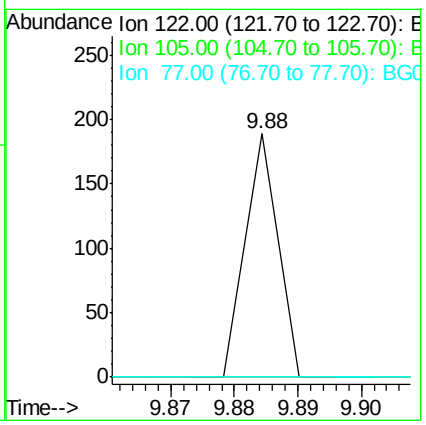


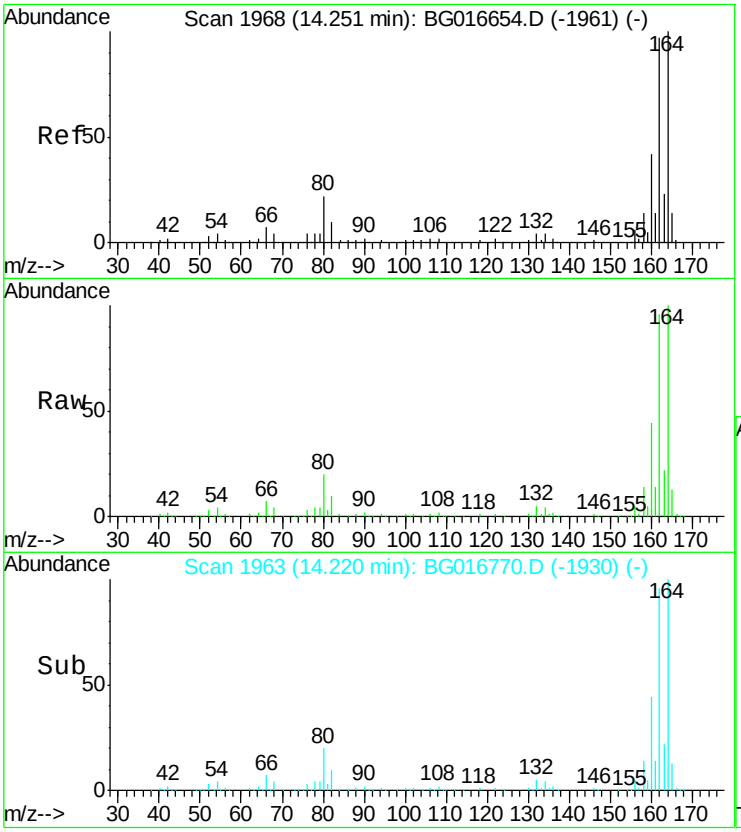


#32
Benzoic acid
Concen: 8.88 ng
RT: 9.88 min Scan# 1225
Delta R.T. 0.14 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:122 Resp: 67

Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.2	137.2#
77	0.0	58.4	98.4#



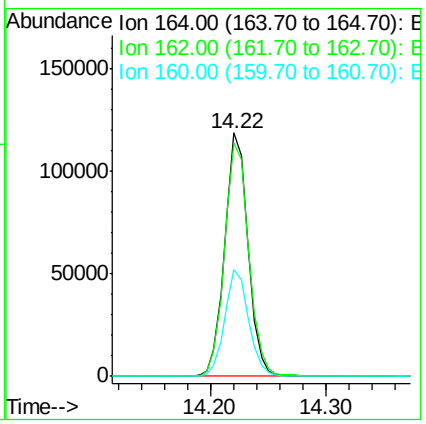


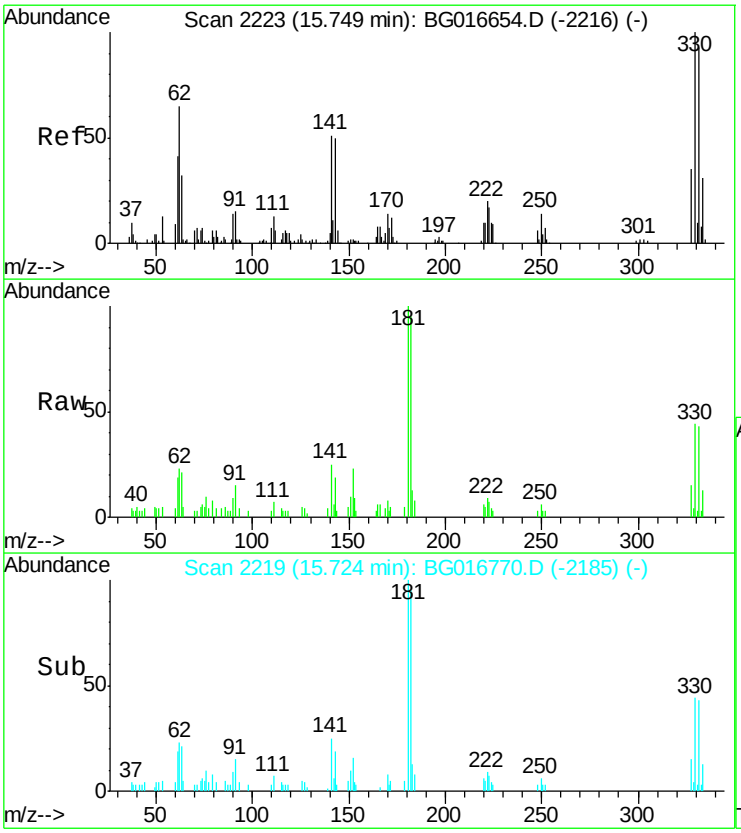
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:164 Resp: 165885

Ion	Ratio	Lower	Upper
164	100		
162	95.9	77.3	115.9
160	43.7	33.7	50.5

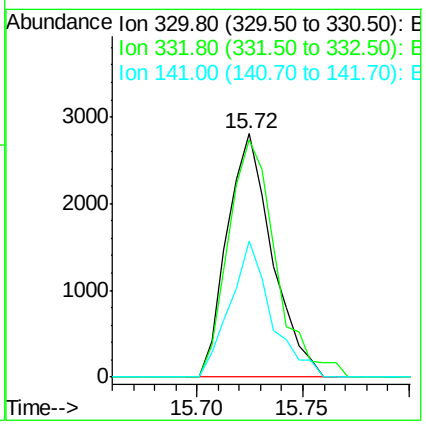


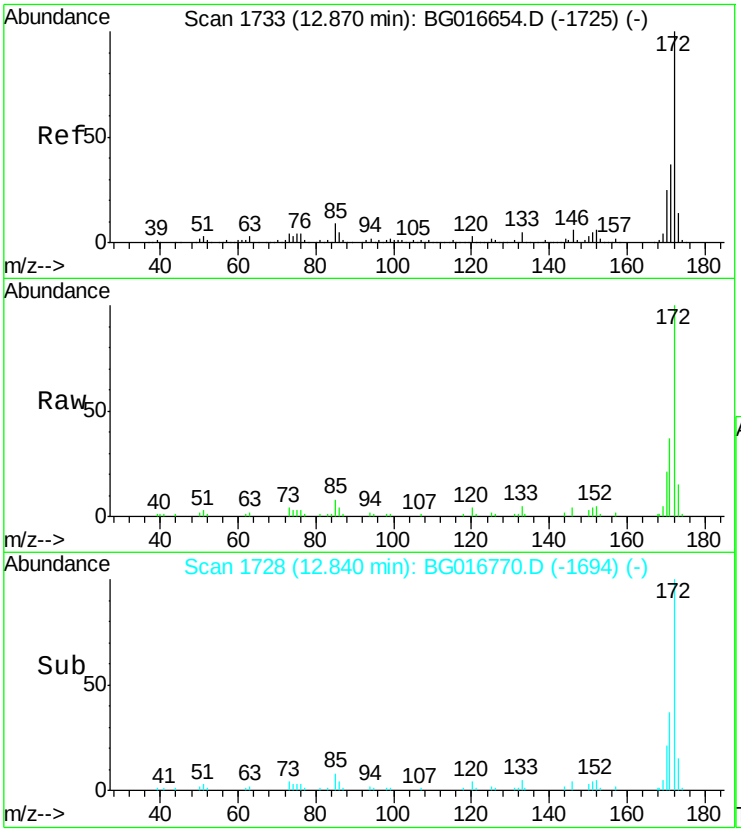


#41
2,4,6-Tribromophenol
Concen: 3.36 ng
RT: 15.72 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:330 Resp: 4132

Ion	Ratio	Lower	Upper
330	100		
332	103.0	76.2	114.4
141	51.6	43.0	64.6



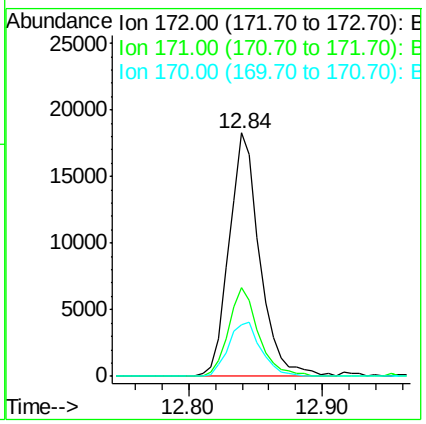


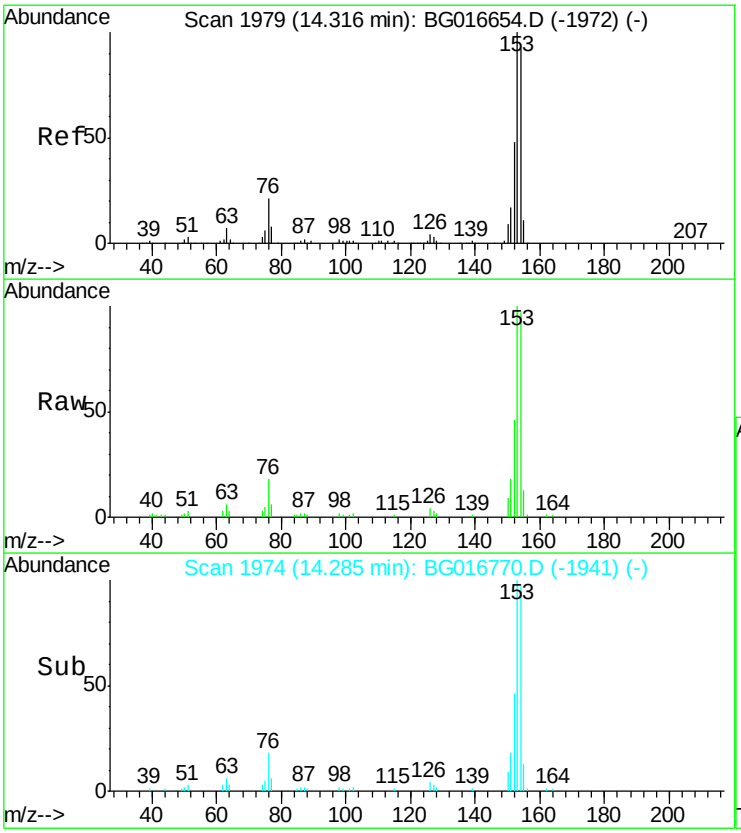
#44
2-Fluorobiphenyl
Concen: 2.84 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:172 Resp: 29273

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	21.0	19.8	29.8

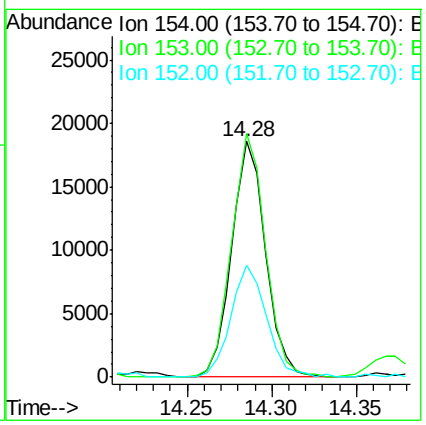


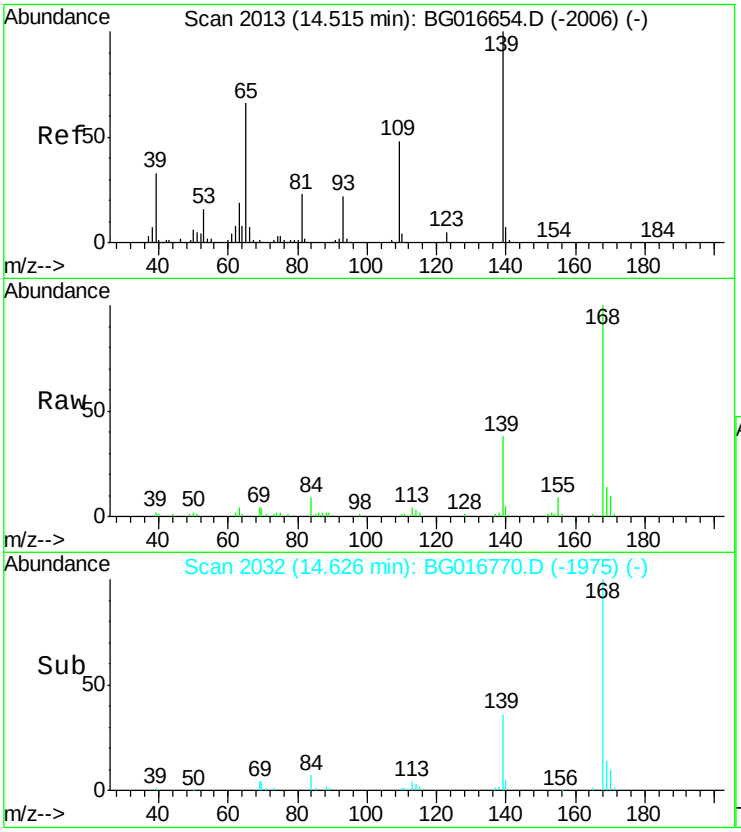


#51
Acenaphthene
Concen: 2.46 ng
RT: 14.28 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:154 Resp: 25854

Ion	Ratio	Lower	Upper
154	100		
153	103.2	87.0	130.6
152	47.6	41.6	62.4



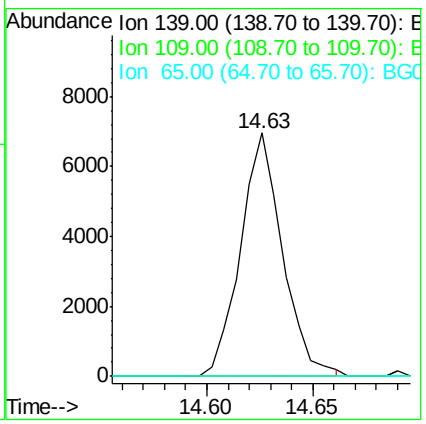


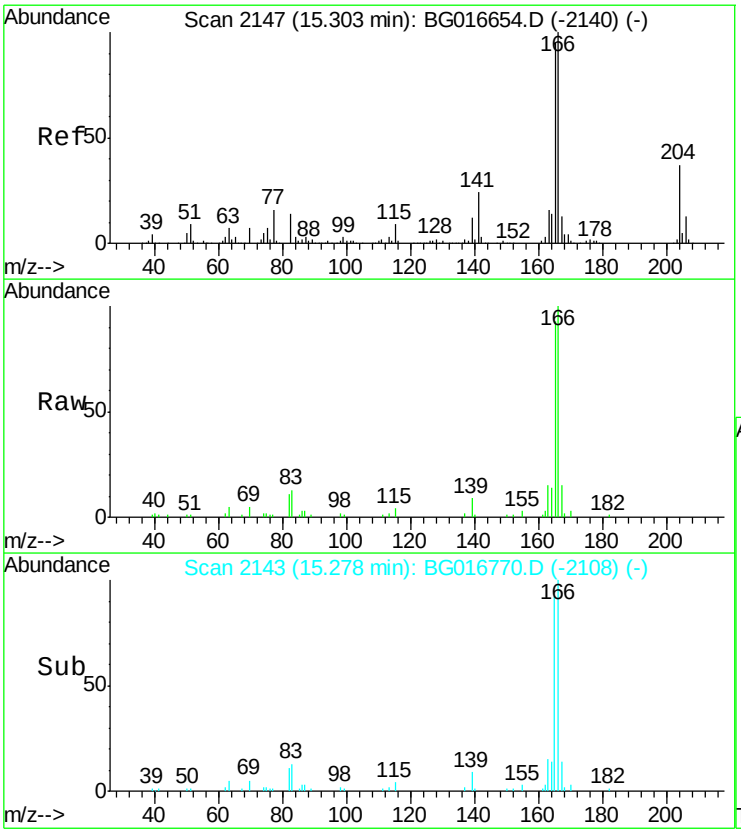
#55
4-Nitrophenol
Concen: 3.48 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.13 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:139 Resp: 9590

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.8	67.8#
65	0.0	46.3	86.3#

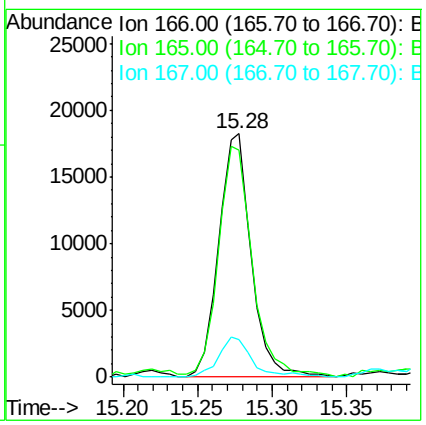


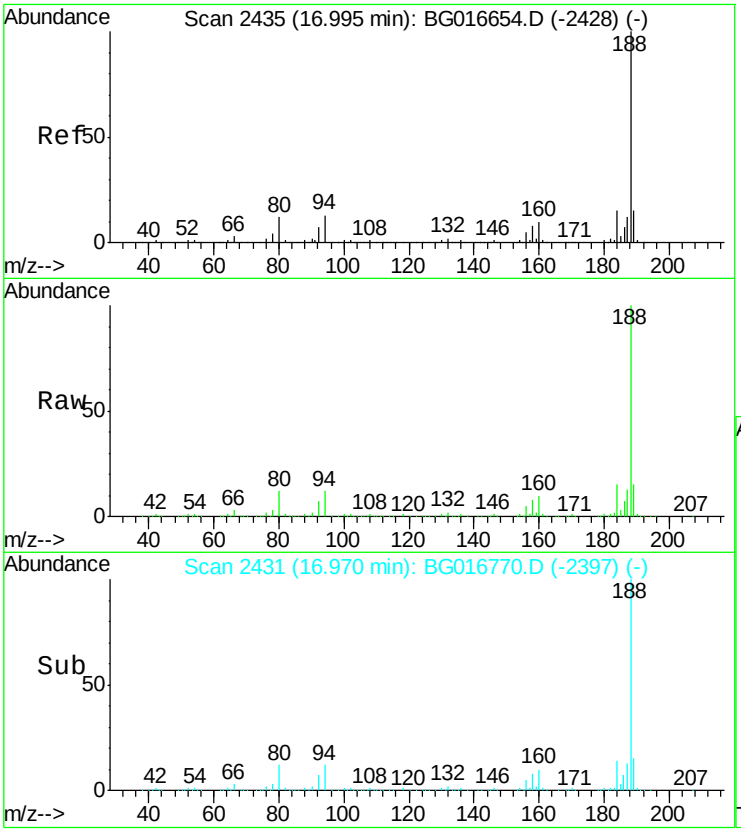


#57
Fluorene
Concen: 2.15 ng
RT: 15.28 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:166 Resp: 27915

Ion	Ratio	Lower	Upper
166	100		
165	93.0	75.6	113.4
167	15.4	10.7	16.1



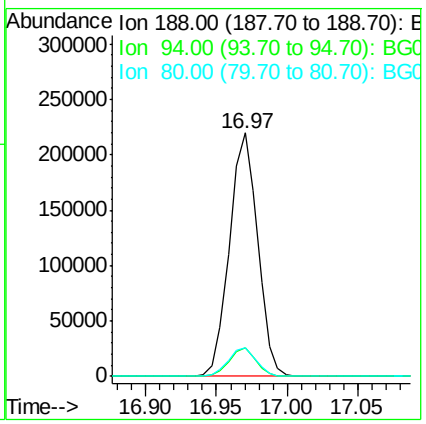


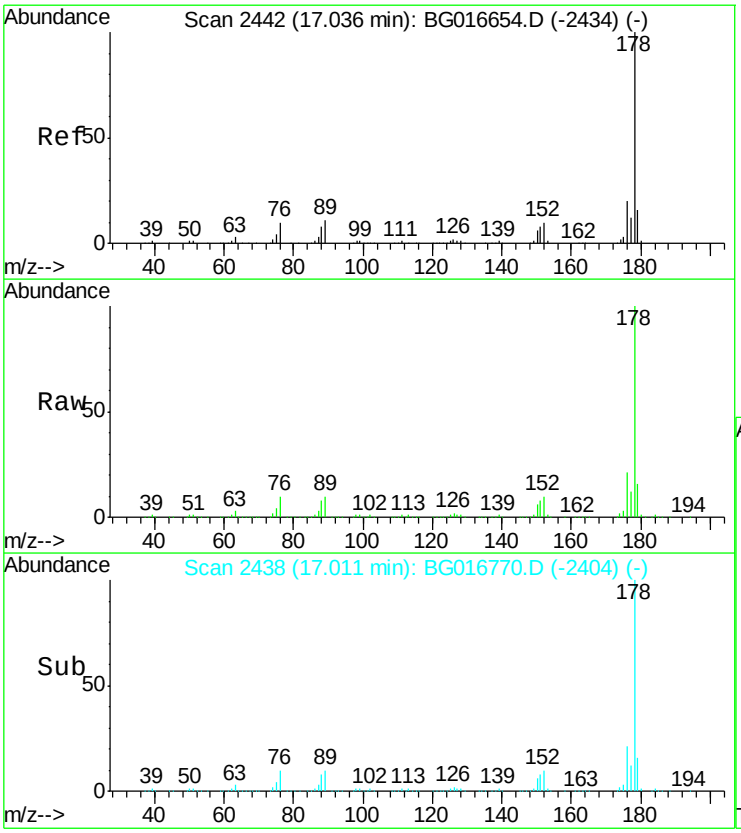
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:188 Resp: 306146

Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.7	16.1
80	11.9	9.9	14.9

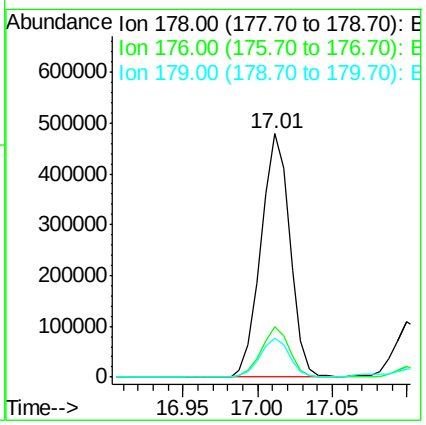


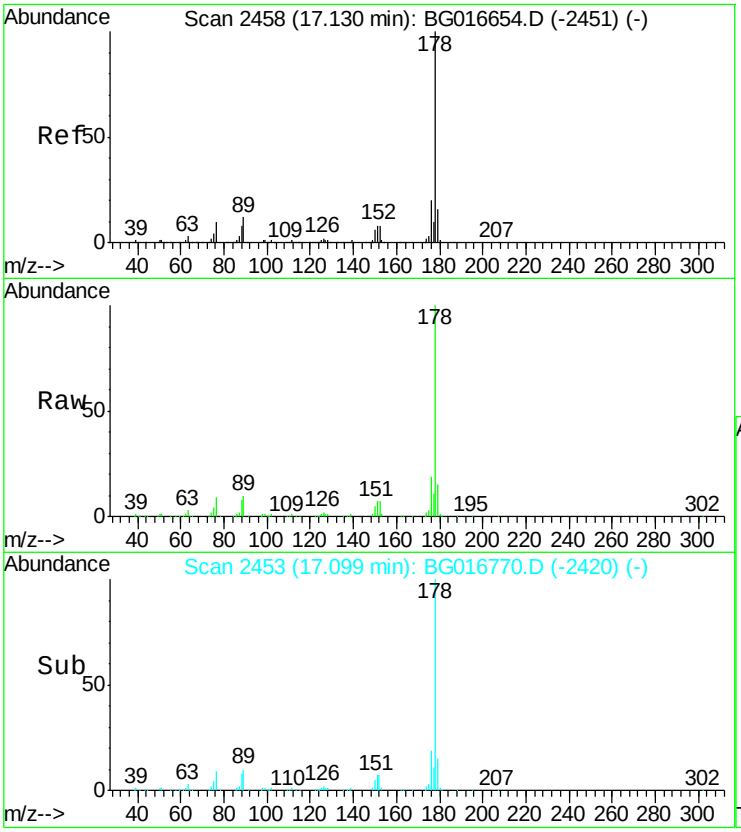


#70
Phenanthrene
Concen: 36.51 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:178 Resp: 642198

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.6
179	16.1	12.8	19.2



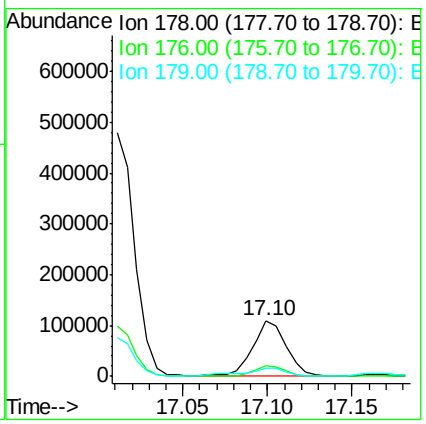


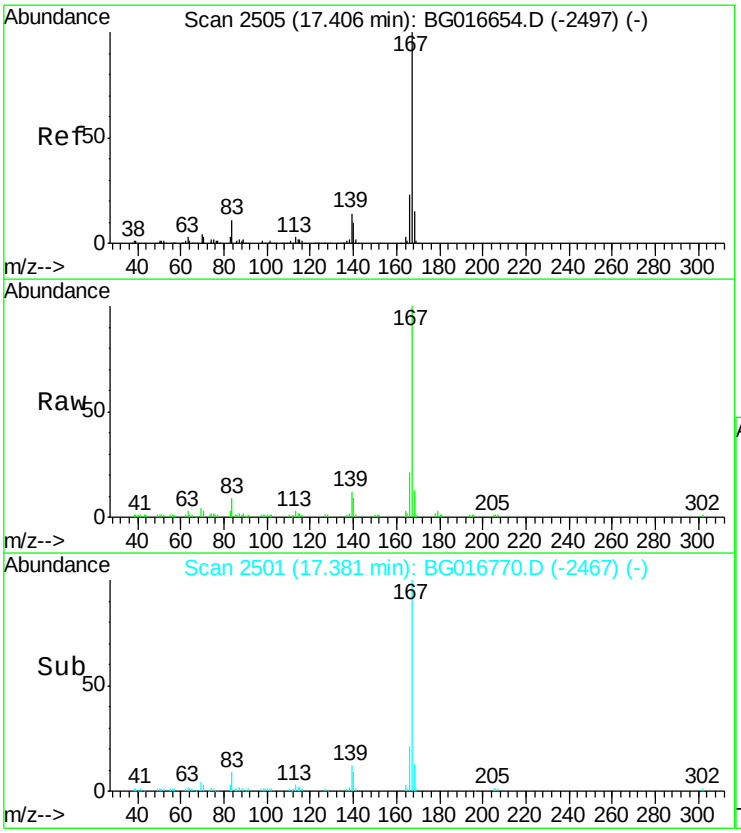
#71
Anthracene
Concen: 8.52 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:178 Resp: 149055

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.0	12.9	19.3

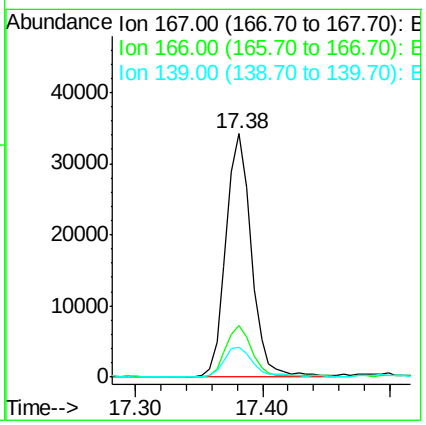


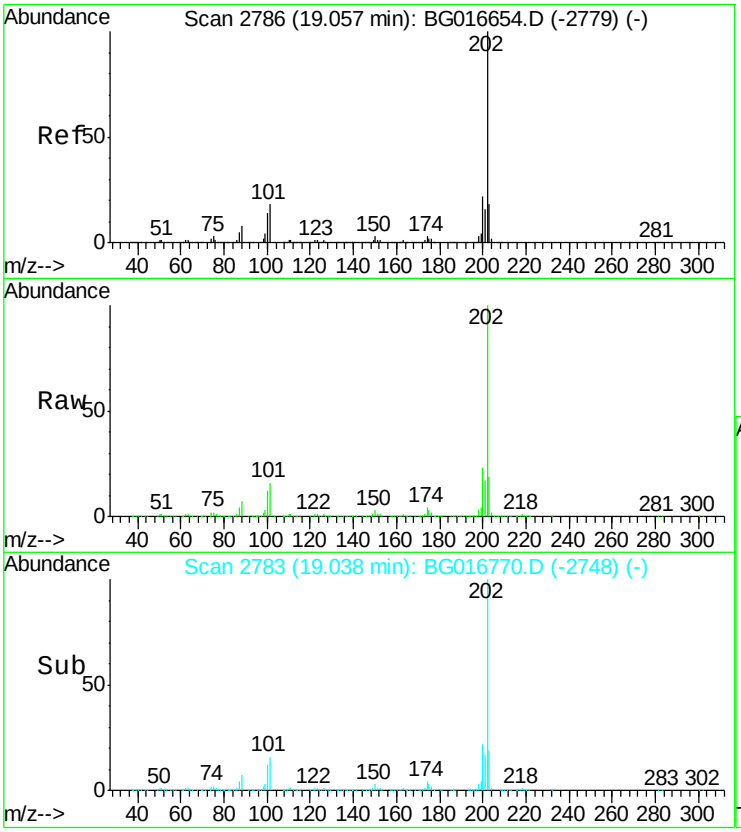


#72
Carbazole
Concen: 2.73 ng
RT: 17.38 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:167 Resp: 47843

Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.4	27.6
139	12.2	11.1	16.7



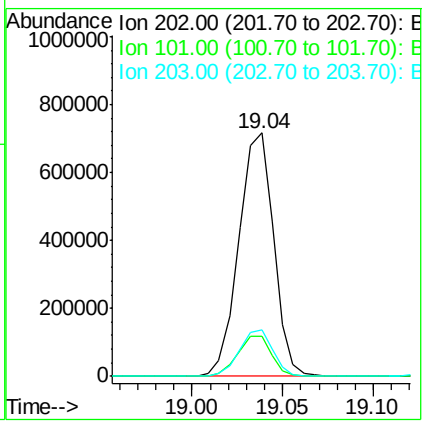


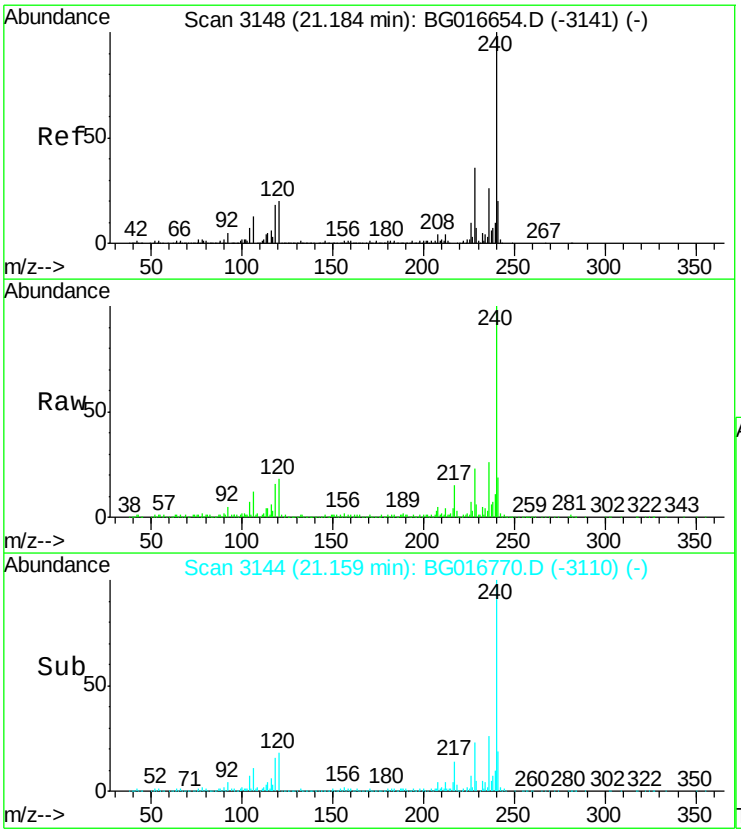
#74
Fluoranthene
Concen: 51.55 ng
RT: 19.04 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:202 Resp: 960697

Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	38.1
203	19.1	0.0	38.4

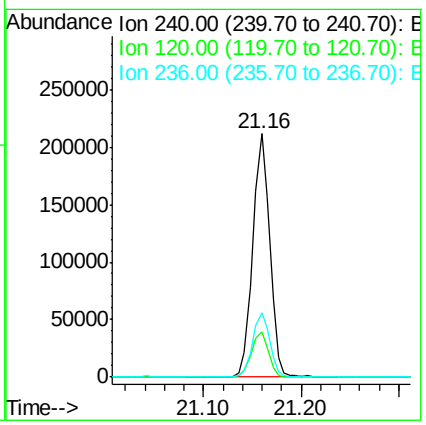


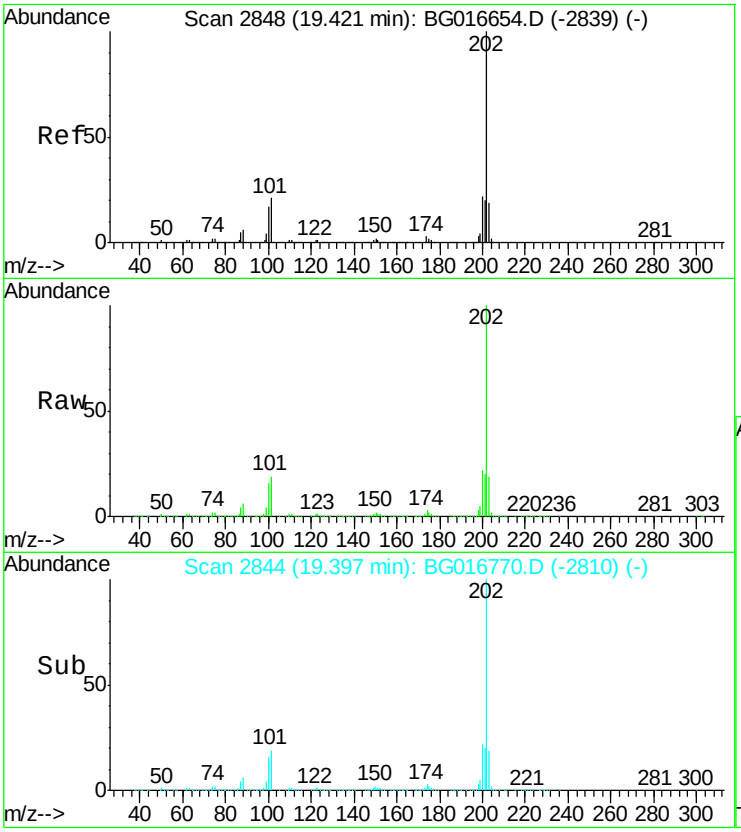


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:240 Resp: 257747

Ion	Ratio	Lower	Upper
240	100		
120	18.5	16.3	24.5
236	26.3	21.1	31.7



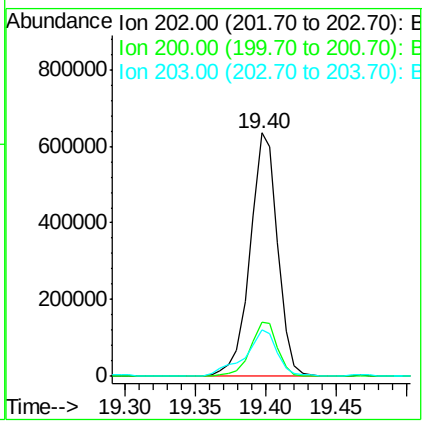


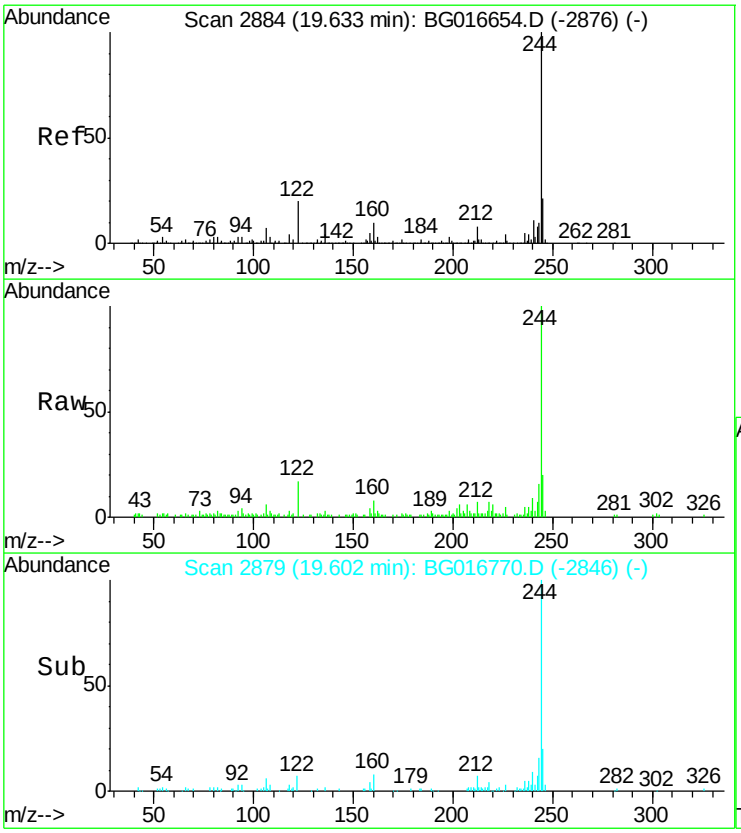
#77
Pyrene
Concen: 48.11 ng
RT: 19.40 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:202 Resp: 871123

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.0	27.0
203	19.1	14.9	22.3

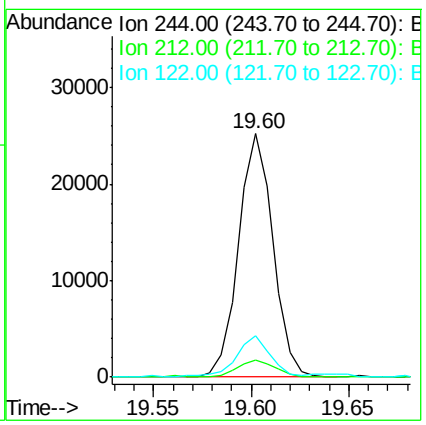


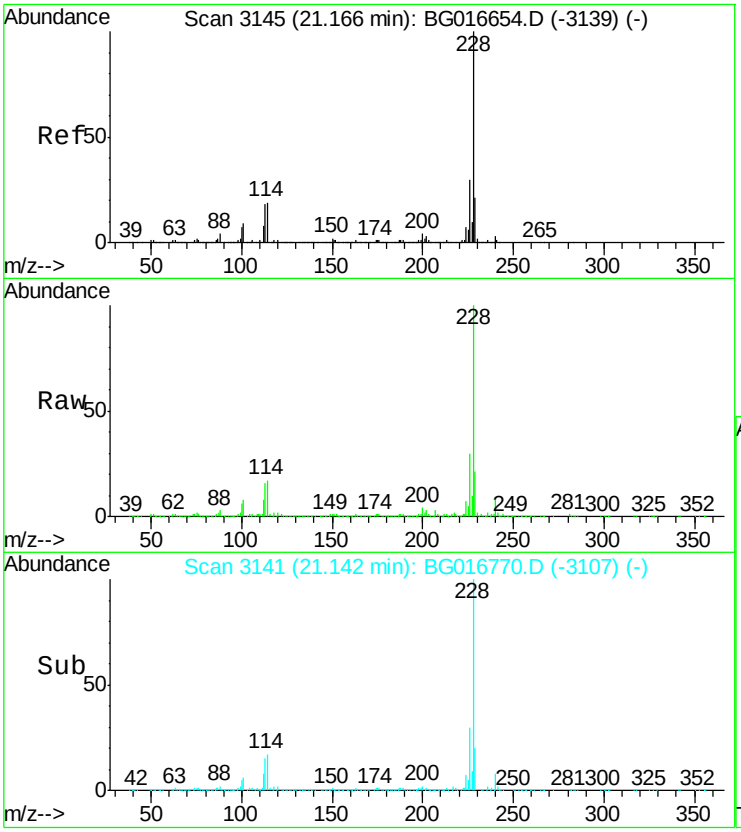


#78
Terphenyl-d14
Concen: 2.75 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:244 Resp: 30759

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	17.1	15.9	23.9



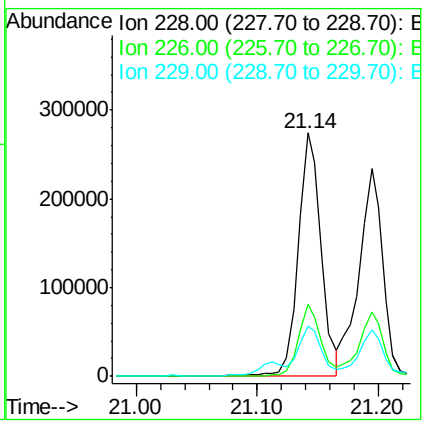


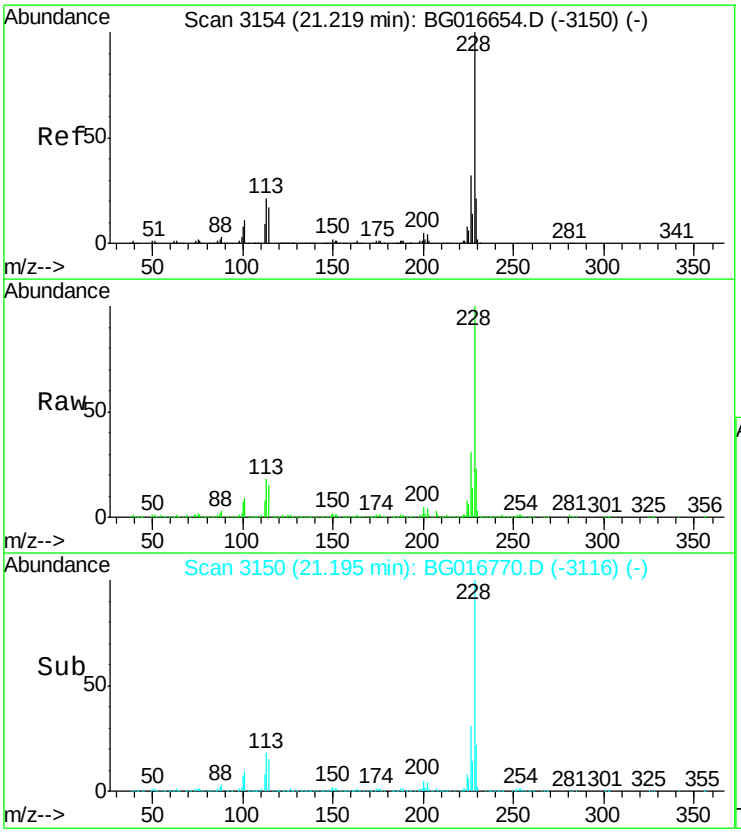
#80
Benzo(a)anthracene
Concen: 23.01 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:228 Resp: 359665

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	20.7	17.0	25.4

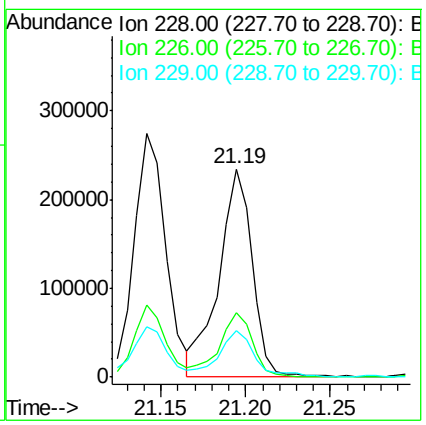


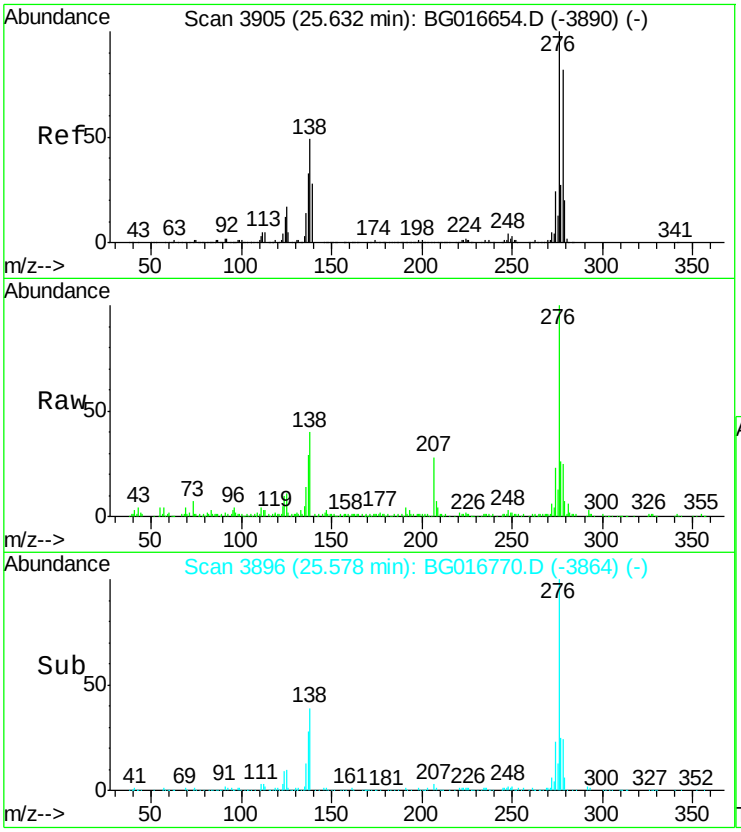


#82
Chrysene
Concen: 21.26 ng
RT: 21.19 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:228 Resp: 318560

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.5	16.5	24.7



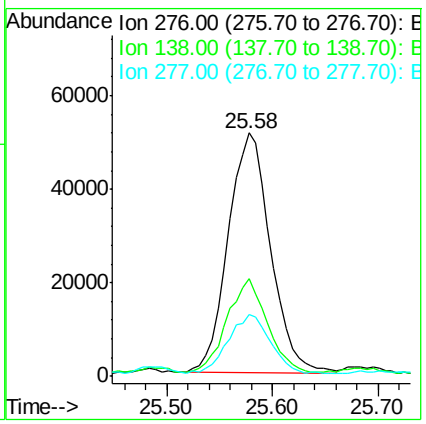


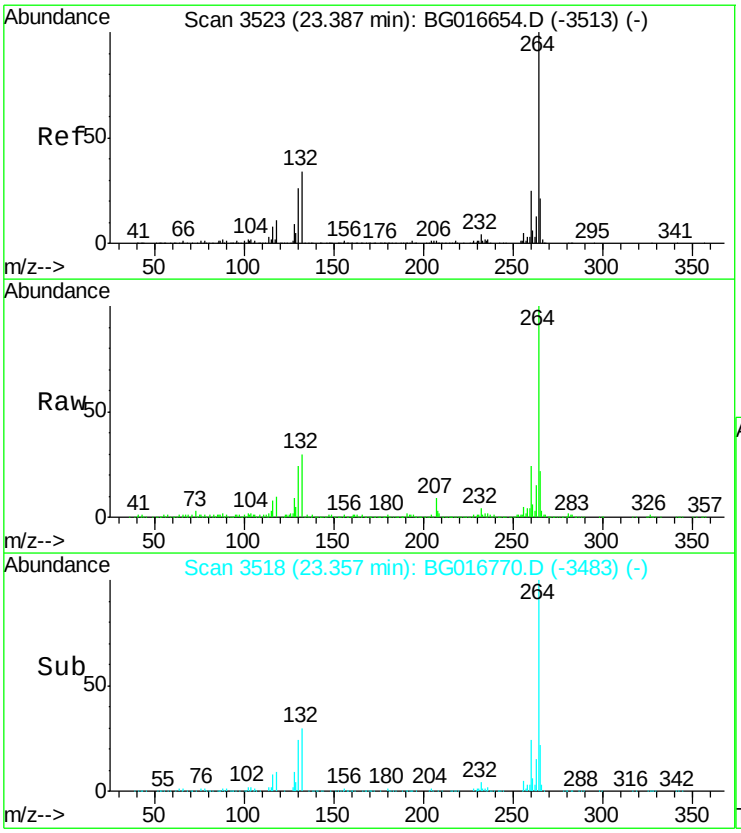
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.77 ng
RT: 25.58 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:276 Resp: 143156

Ion	Ratio	Lower	Upper
276	100		
138	37.3	38.2	57.2#
277	24.6	21.4	32.2

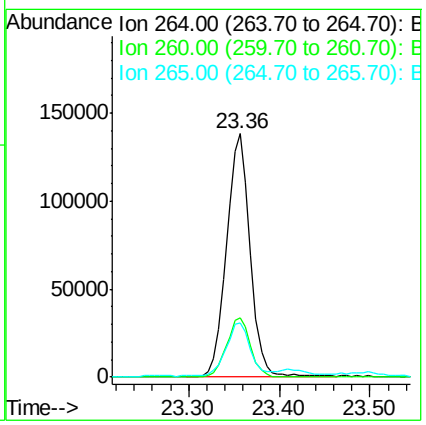


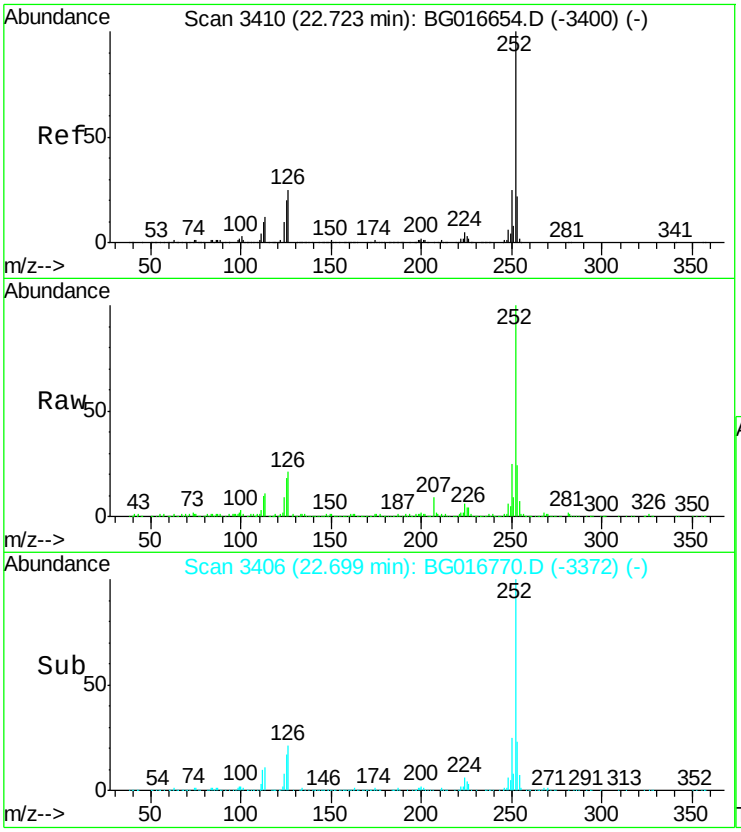


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:264 Resp: 248222

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	22.3	16.8	25.2



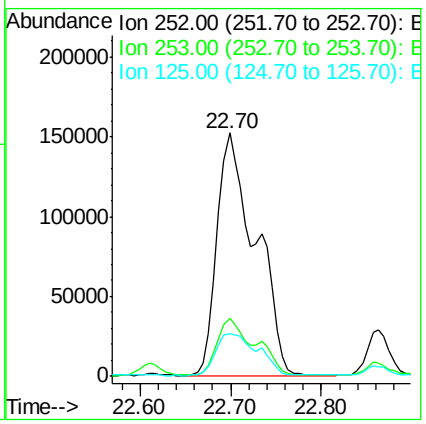


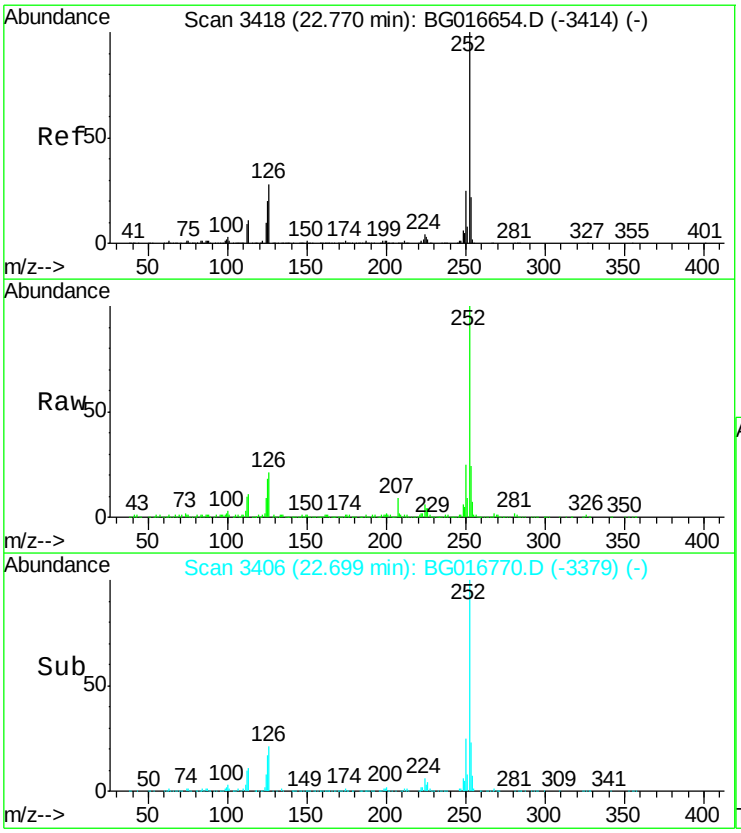
#87
Benzo(b)fluoranthene
Concen: 29.75 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:252 Resp: 448491

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	17.8	15.8	23.8

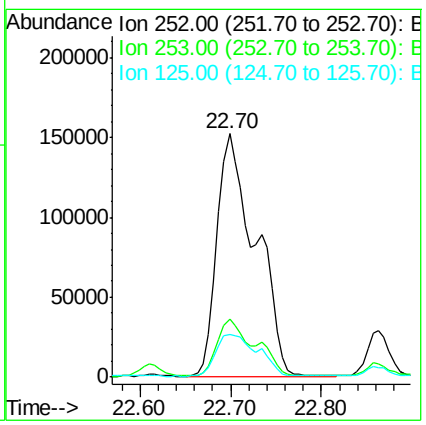


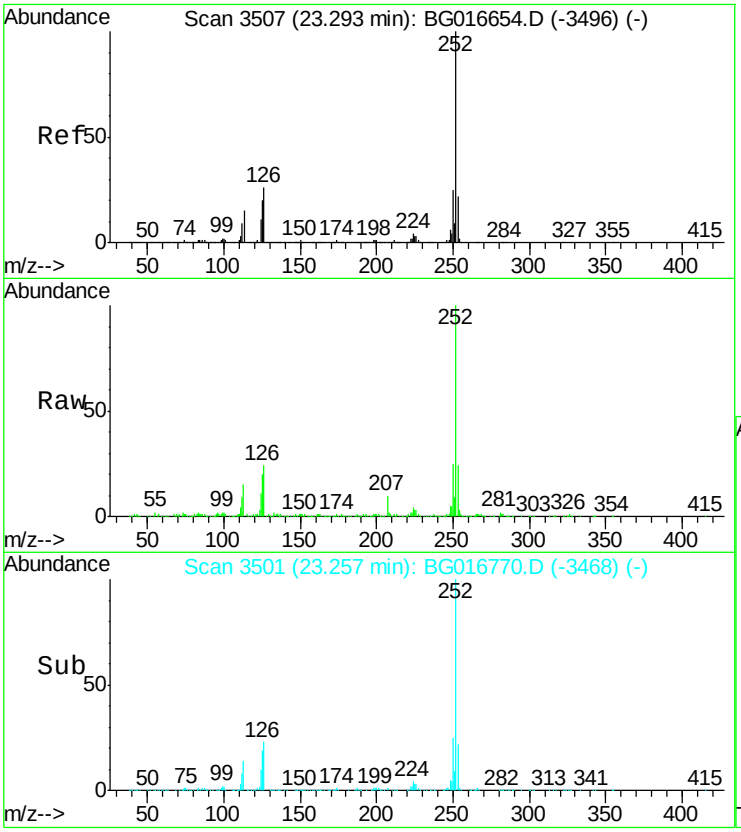


#88
Benzo(k)fluoranthene
Concen: 30.48 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:252 Resp: 448491

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	17.8	15.5	23.3



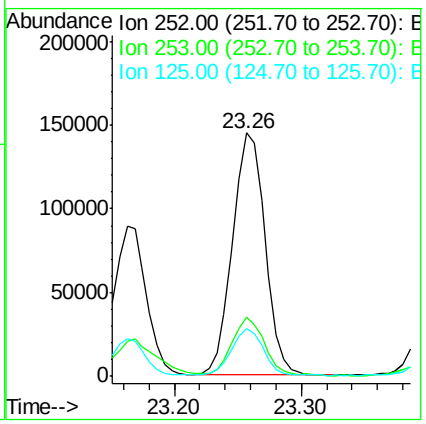


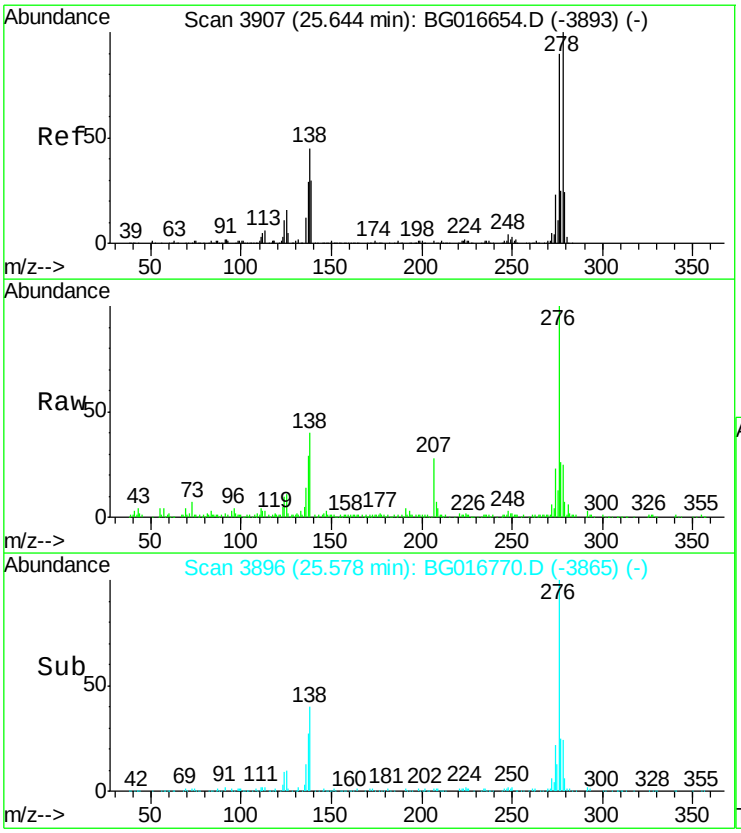
#89
Benzo(a)pyrene
Concen: 18.16 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:252 Resp: 258075

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	19.7	16.3	24.5

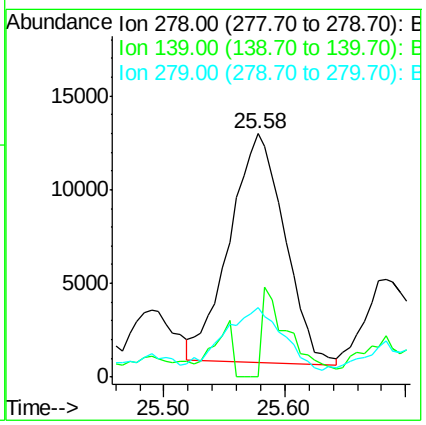


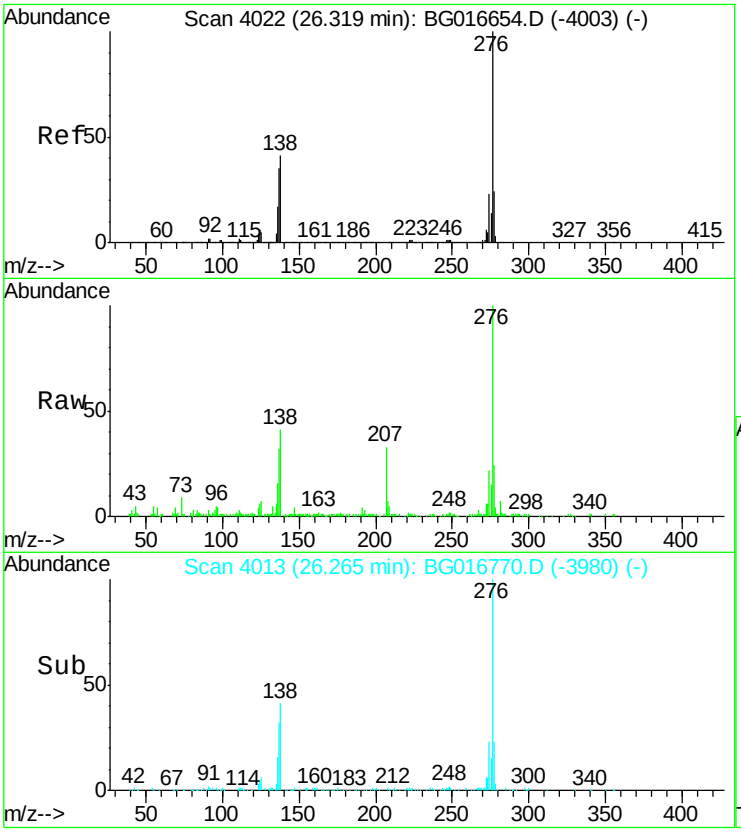


#90
Dibenzo(a,h)anthracene
Concen: 2.79 ng
RT: 25.58 min Scan# 3896
Delta R.T. -0.02 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Tgt Ion:278 Resp: 38559

Ion	Ratio	Lower	Upper
278	100		
139	0.0	24.2	36.2#
279	28.4	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 9.67 ng
RT: 26.27 min Scan# 4013
Delta R.T. -0.01 min
Lab File: BG016770.D
Acq: 28 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
SB-63SDL

Tgt Ion:276 Resp: 135871

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	41.3	32.8	49.2