Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016536.D
Acq On : 19 Apr 2015 00:17
Operator : TP/IZ
Sample : G1880-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S1-1-4

Quant Time: Apr 20 04:12:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 03:57:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	74357	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	330571	20.00	ng		0.00
38) Acenaphthene-d10	14.30	164	194861	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	385361	20.00	ng		0.00
75) Chrysene-d12	21.22	240	328594	20.00	ng		0.00
86) Perylene-d12	23.45	264	309483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	340325	72.23	ng		0.00
7) Phenol-d6	6.85	99	482816	68.26	ng		0.00
23) Nitrobenzene-d5	8.82	82	250998	43.99	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	86818	65.88	ng		0.00
44) 2-Fluorobiphenyl	12.92	172	548875	47.96	ng		0.00
78) Terphenyl-d14	19.67	244	612110	43.60	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.49	128	51341	2.98	ng		99
51) Acenaphthene	14.36	154	26061	2.15	ng		98
54) Dibenzofuran	14.70	168	43197	2.57	ng		96
55) 4-Nitrophenol	14.70	139	15135	4.15	ng	#	19
57) Fluorene	15.35	166	45008	3.04	ng		98
70) Phenanthrene	17.08	178	538403	24.84	ng		100
71) Anthracene	17.18	178	129956	6.05	ng		98
72) Carbazole	17.45	167	63274	2.94	ng		98
74) Fluoranthene	19.10	202	569441	25.49	ng		95
77) Pyrene	19.47	202	469305	20.51	ng		99
80) Benzo(a)anthracene	21.21	228	247896	12.76	ng		98
82) Chrysene	21.26	228	212622	11.34	ng		98
85) Indeno(1,2,3-cd)pyrene	25.71	276	121517	6.24	ng		89
87) Benzo(b)fluoranthene	22.78	252	353739	19.52	ng		99
88) Benzo(k)fluoranthene	22.78	252	353739	19.94	ng		99
89) Benzo(a)pyrene	23.35	252	185470	10.92	ng		97
91) Benzo(g,h,i)perylene	26.41	276	116413	7.05	ng		96

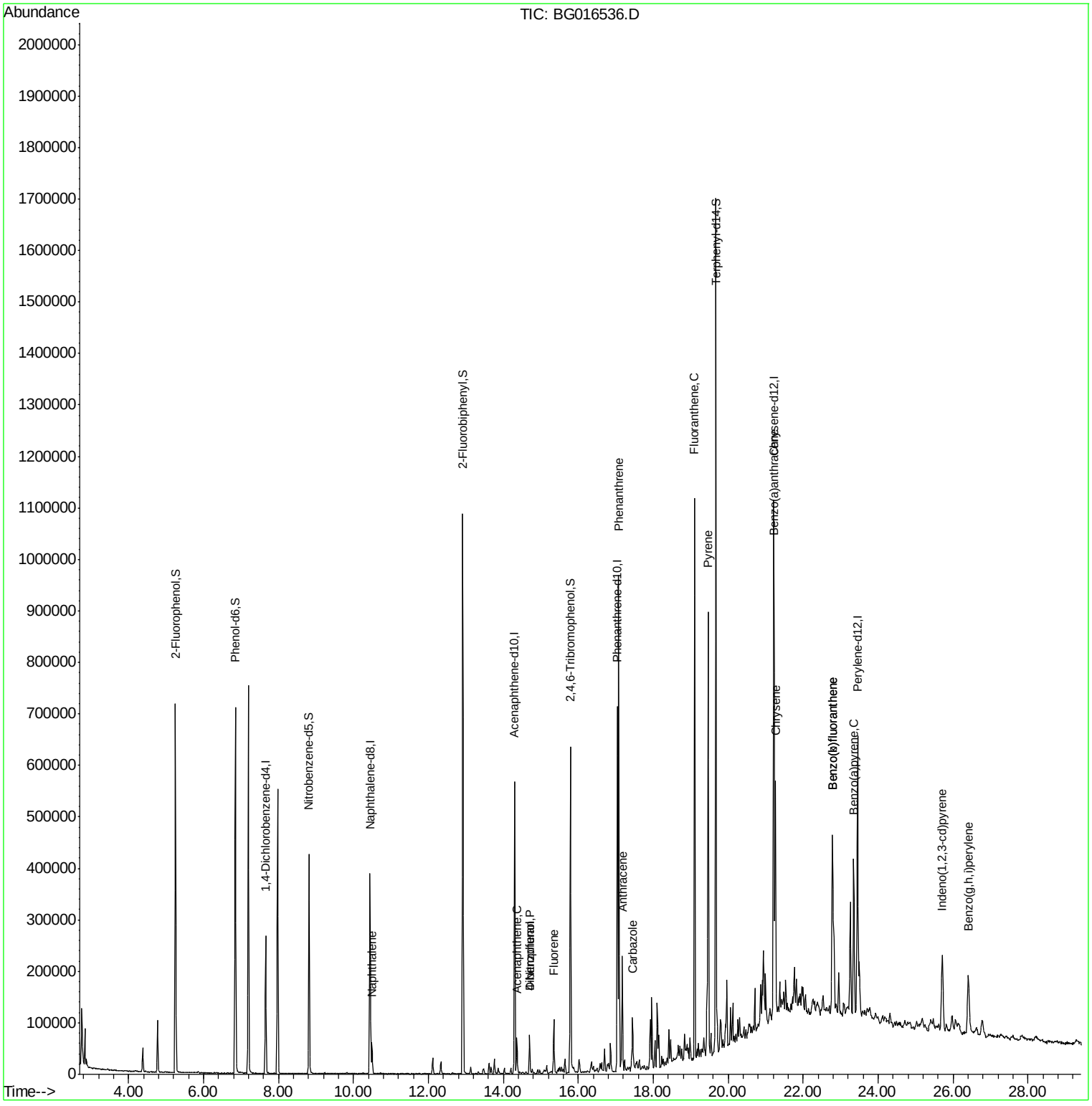
(#) = qualifier out of range (m) = manual integration (+) = signals summed

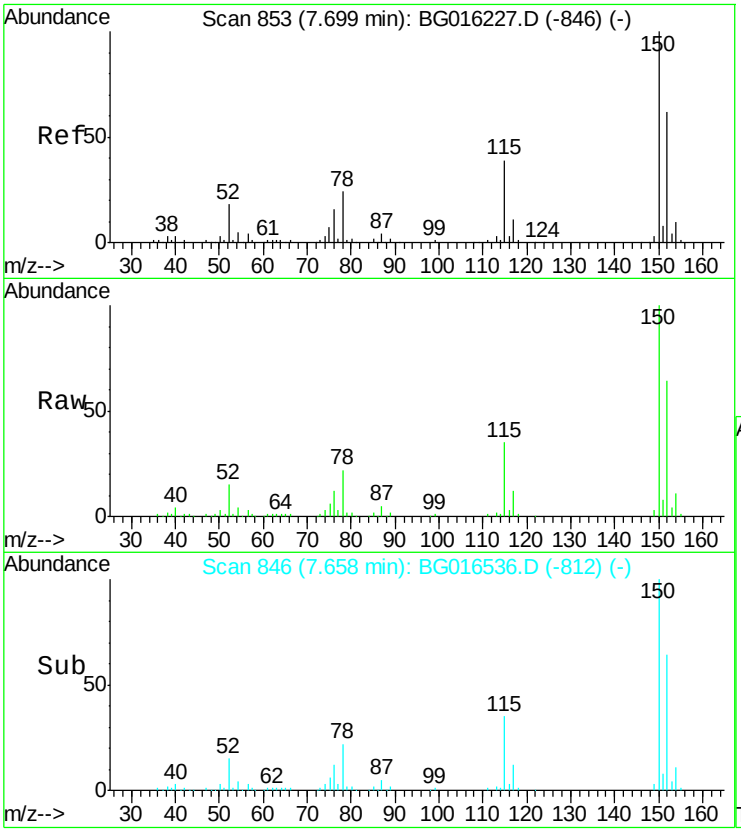
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016536.D
Acq On : 19 Apr 2015 00:17
Operator : TP/IZ
Sample : G1880-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Quant Time: Apr 20 04:12:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 03:57:28 2015
Response via : Initial Calibration



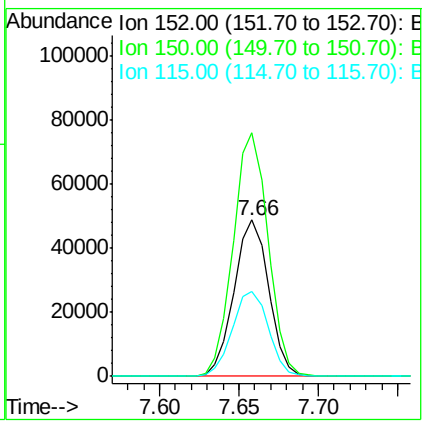


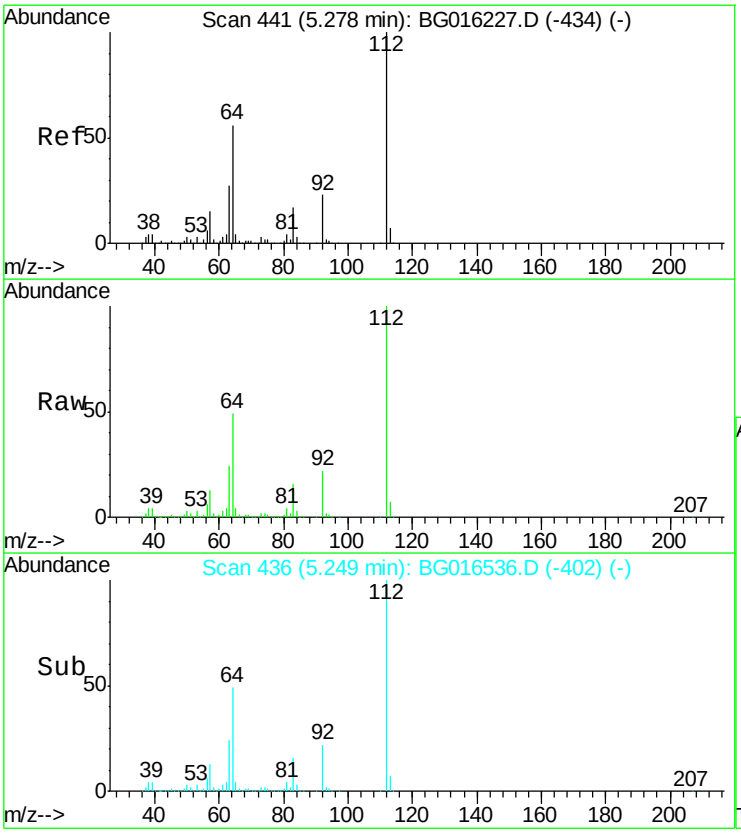
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:152 Resp: 74357

Ion	Ratio	Lower	Upper
152	100		
150	156.1	130.1	195.1
115	54.4	50.5	75.7

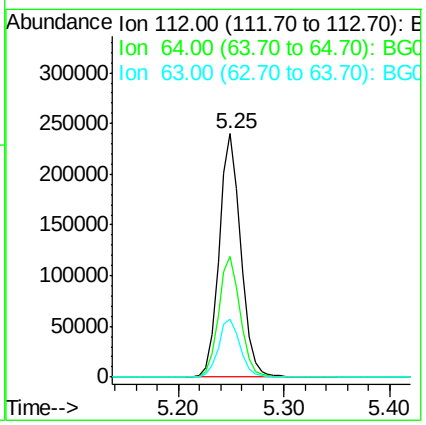


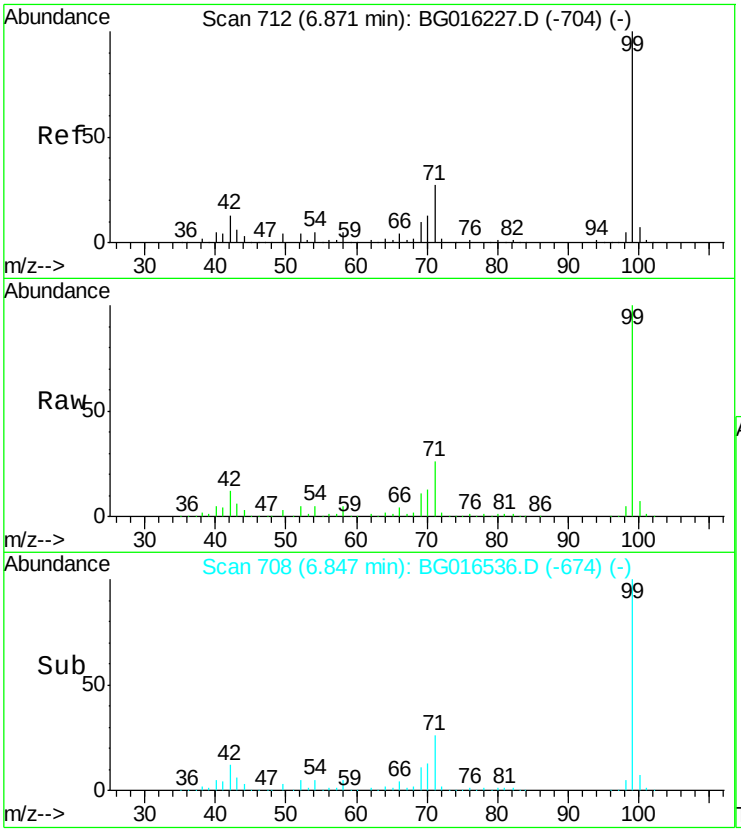


#5
2-Fluorophenol
Concen: 72.23 ng
RT: 5.25 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:112 Resp: 340325

Ion	Ratio	Lower	Upper
112	100		
64	49.5	44.5	66.7
63	24.0	21.4	32.0



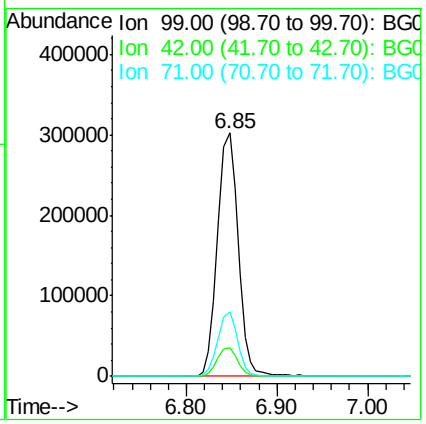


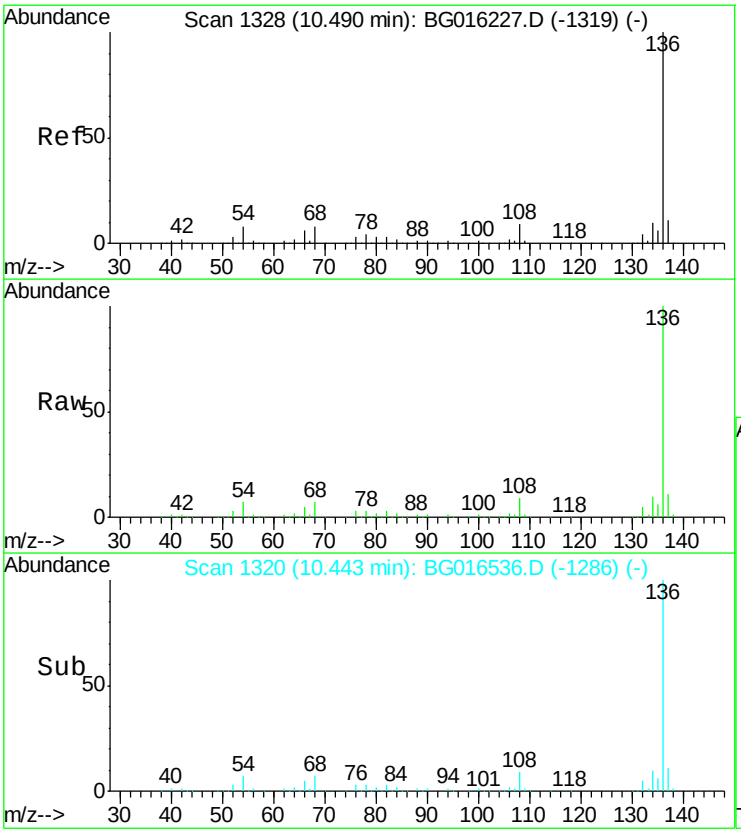
#7
Phenol-d6
Concen: 68.26 ng
RT: 6.85 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion: 99 Resp: 482816

Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.0	15.0
71	26.4	21.5	32.3

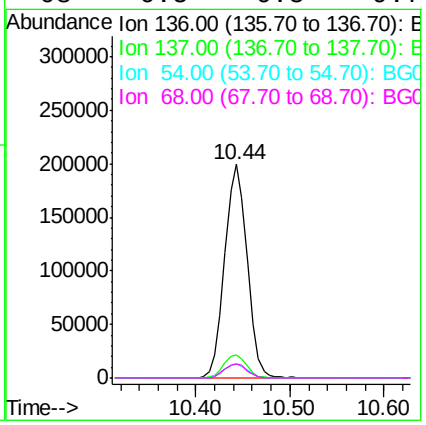


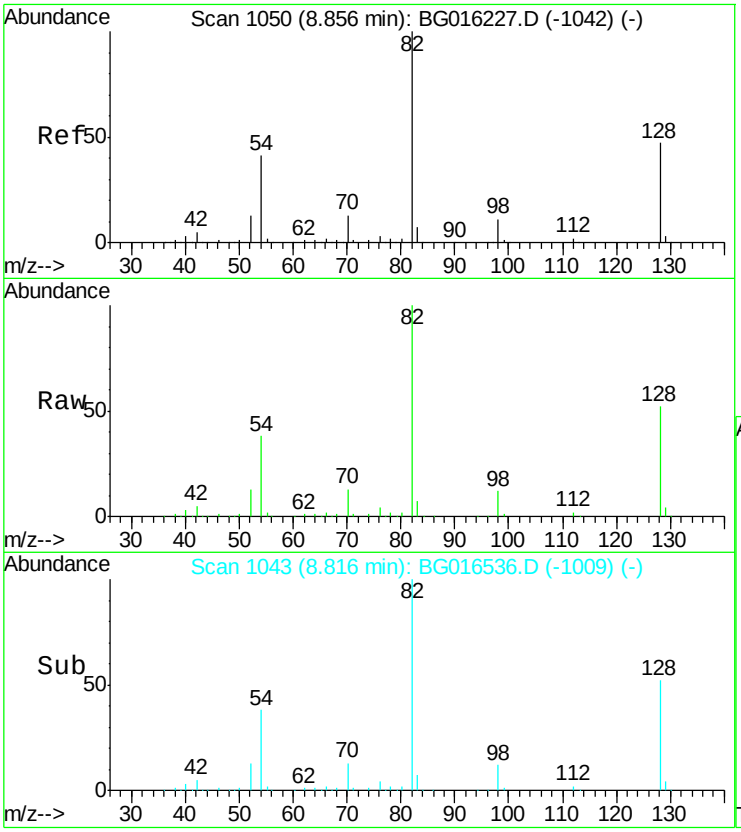


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:136 Resp: 330571

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	6.3	9.5
68	6.5	6.5	9.7



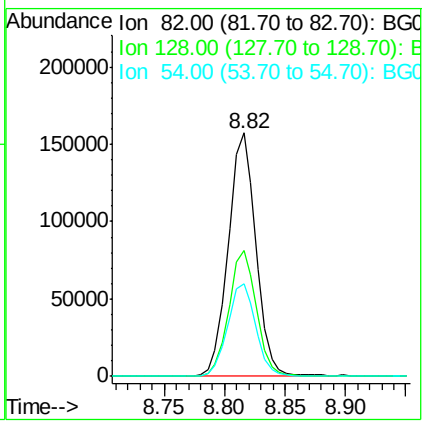


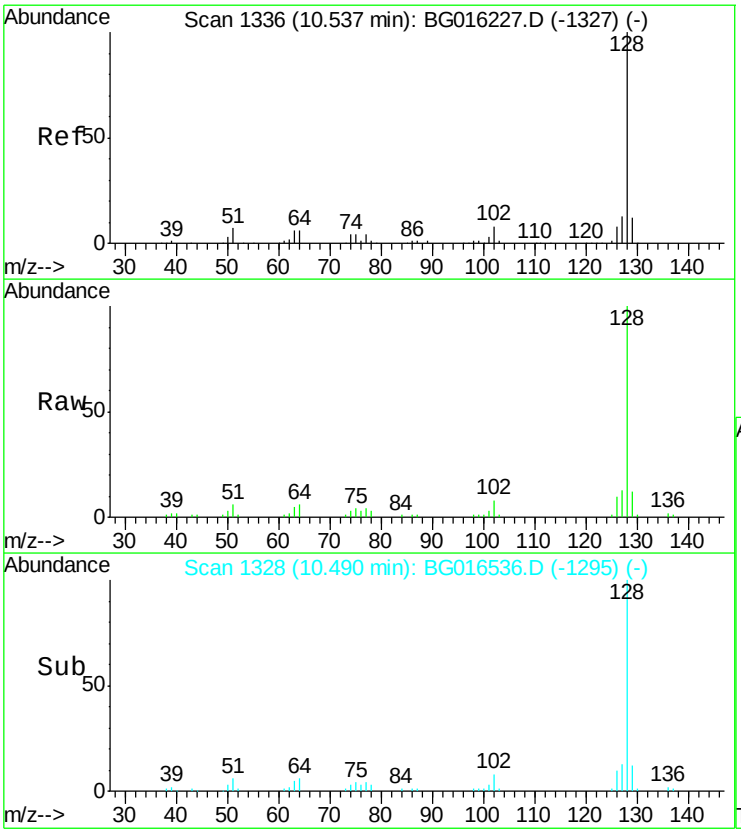
#23
Nitrobenzene-d5
Concen: 43.99 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion: 82 Resp: 250998

Ion	Ratio	Lower	Upper
82	100		
128	51.7	37.8	56.8
54	38.2	32.6	49.0

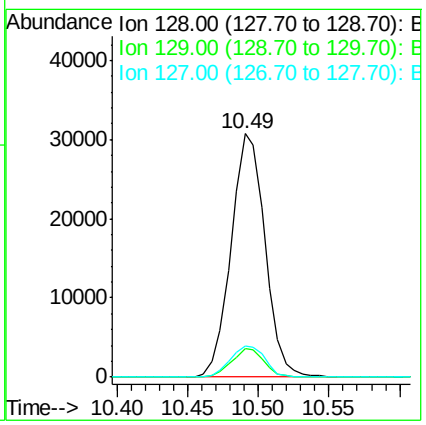


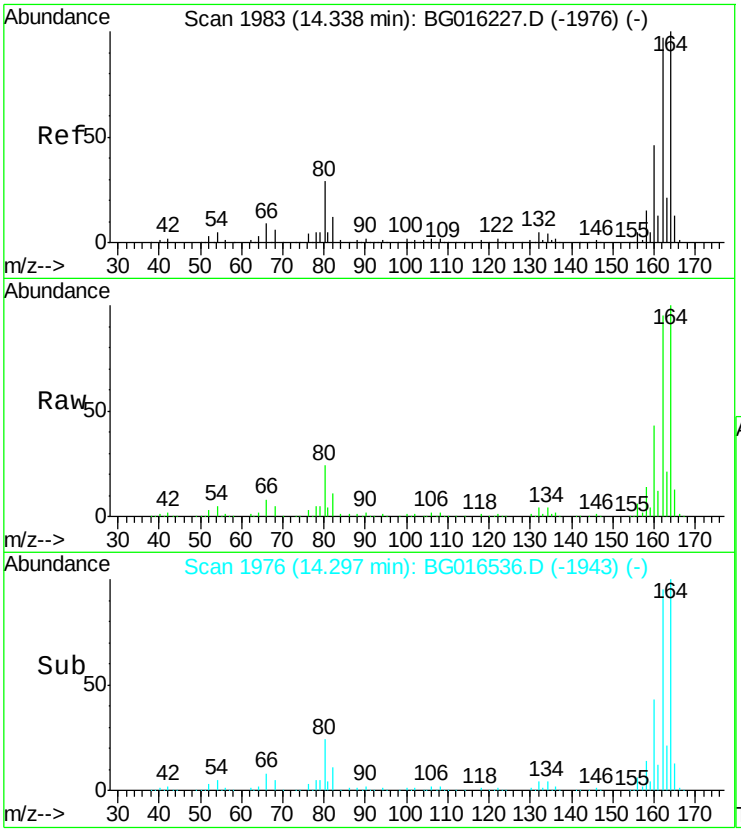


#31
Naphthalene
Concen: 2.98 ng
RT: 10.49 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:128 Resp: 51341

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	12.7	10.6	16.0



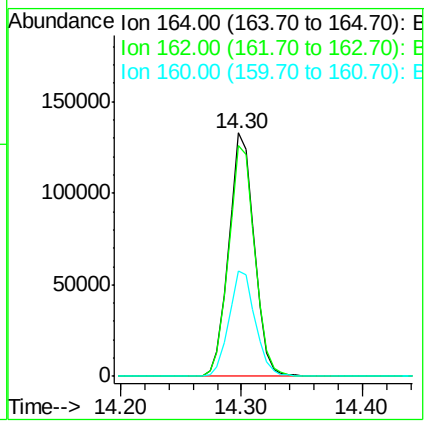


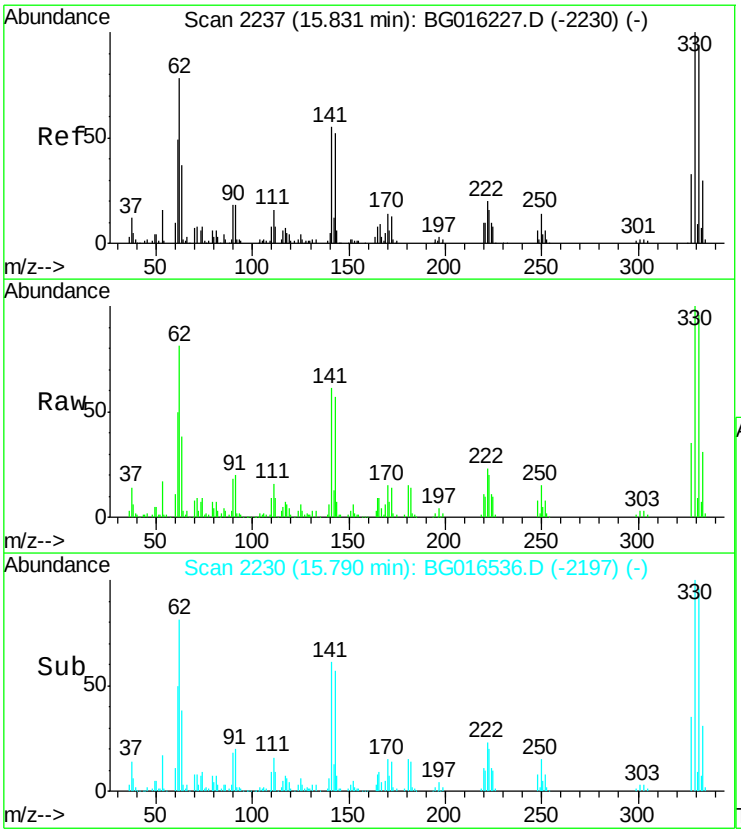
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:164 Resp: 194861

Ion	Ratio	Lower	Upper
164	100		
162	95.0	77.3	115.9
160	43.2	36.7	55.1

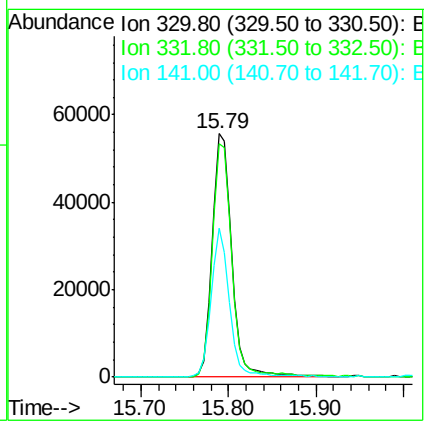


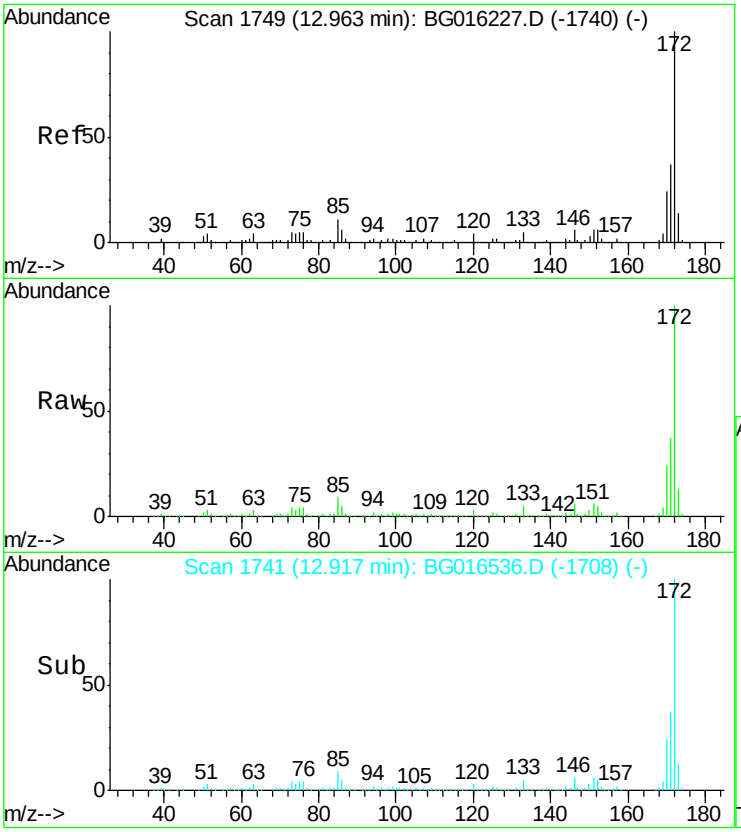


#41
2,4,6-Tribromophenol
Concen: 65.88 ng
RT: 15.79 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:330 Resp: 86818

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.6
141	56.7	46.6	69.8



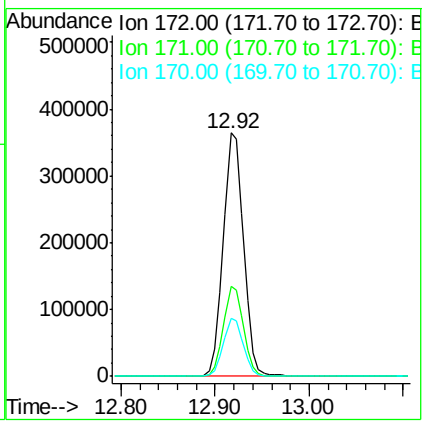


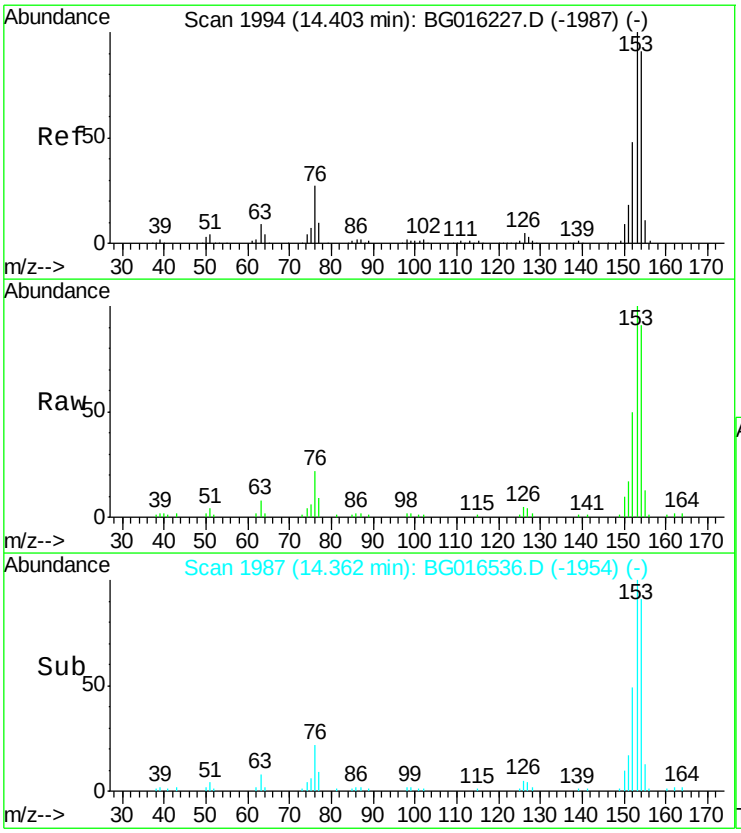
#44
2-Fluorobiphenyl
Concen: 47.96 ng
RT: 12.92 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:172 Resp: 548875

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.9	19.4	29.2

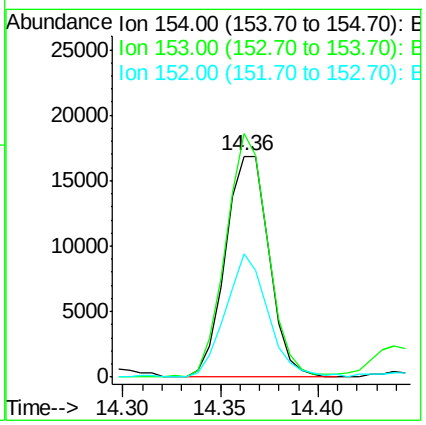


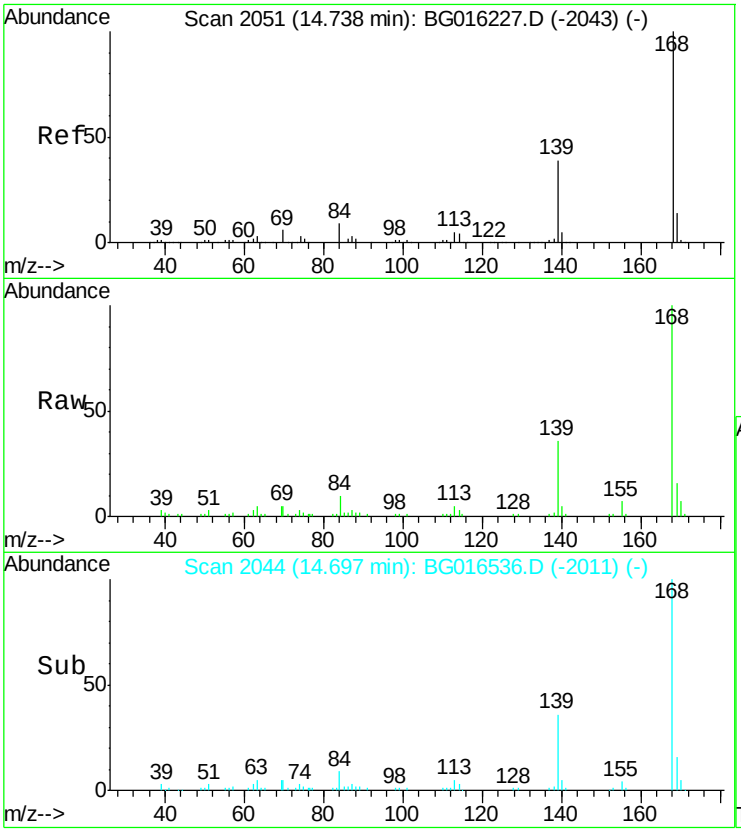


#51
Acenaphthene
Concen: 2.15 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:154 Resp: 26061

Ion	Ratio	Lower	Upper
154	100		
153	110.1	87.5	131.3
152	55.6	42.1	63.1



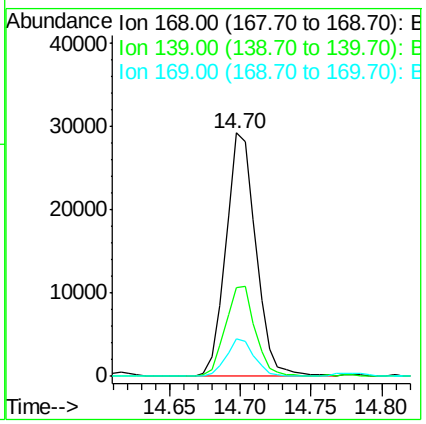


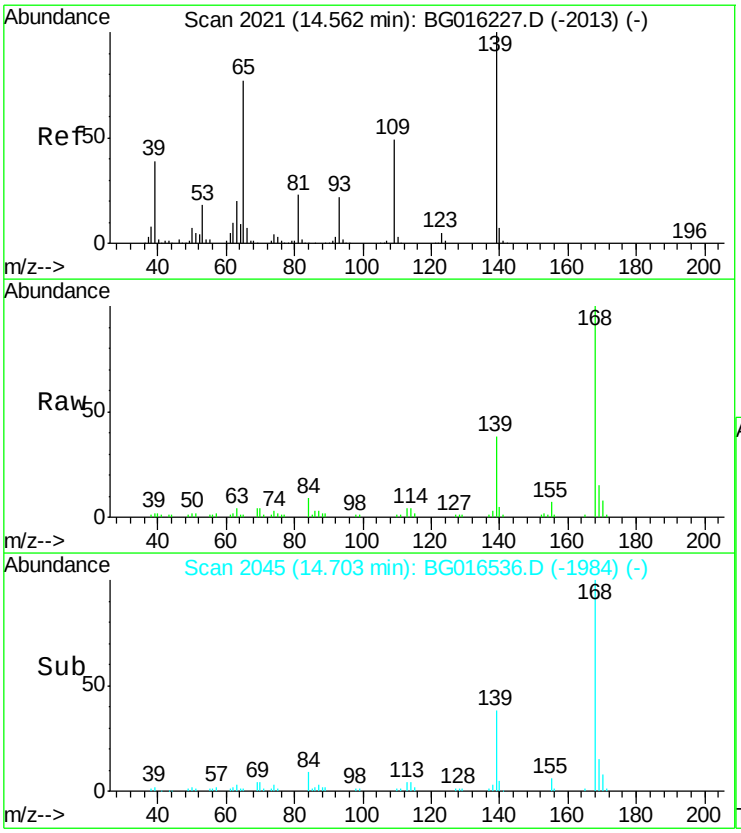
#54
Dibenzofuran
Concen: 2.57 ng
RT: 14.70 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:168 Resp: 43197

Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.0	46.6
169	15.6	11.2	16.8

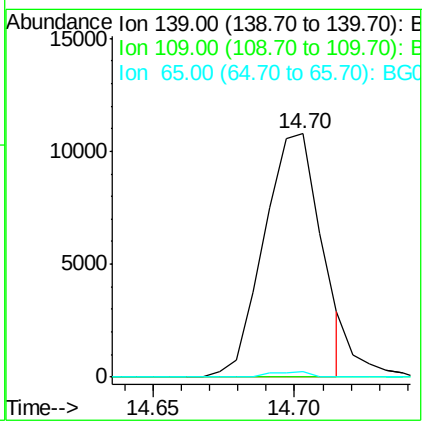


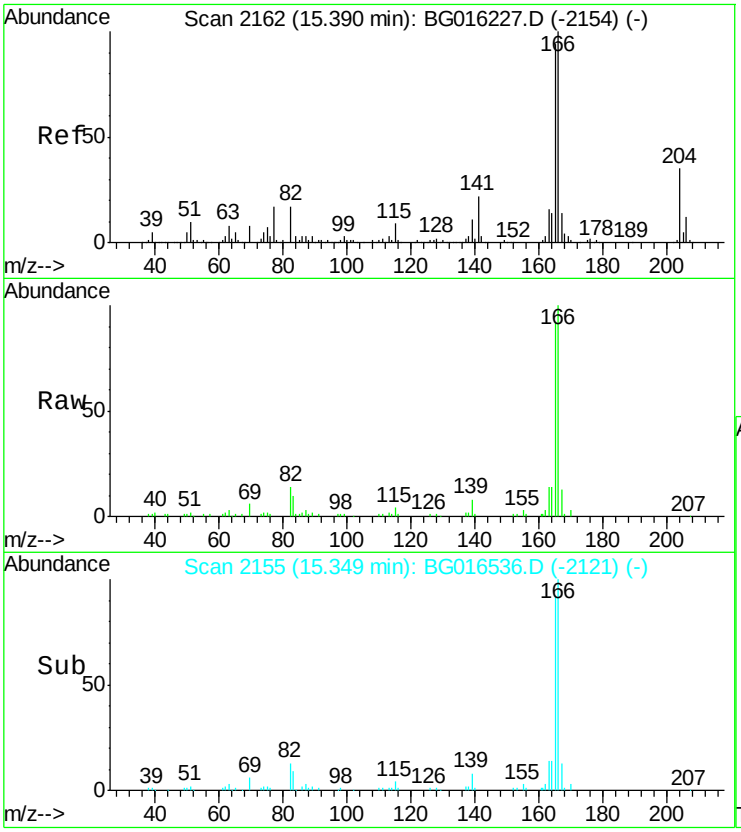


#55
4-Nitrophenol
Concen: 4.15 ng
RT: 14.70 min Scan# 2045
Delta R.T. 0.16 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:139 Resp: 15135

Ion	Ratio	Lower	Upper
139	100		
109	0.0	28.5	68.5#
65	2.2	56.9	96.9#



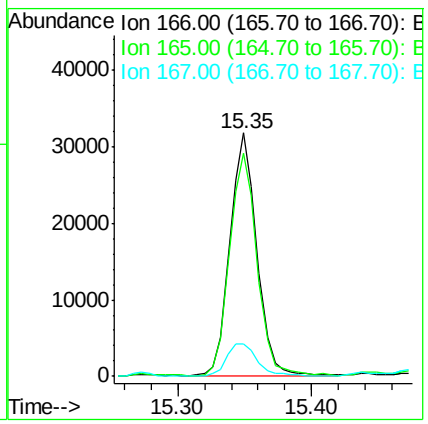


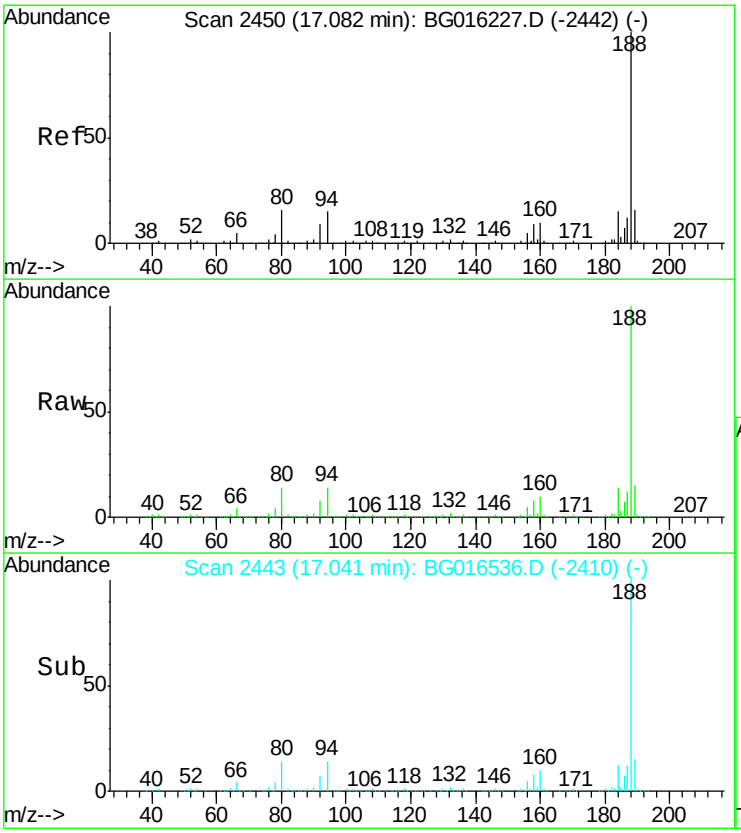
#57
Fluorene
Concen: 3.04 ng
RT: 15.35 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:166 Resp: 45008

Ion	Ratio	Lower	Upper
166	100		
165	91.8	75.2	112.8
167	13.2	11.3	16.9

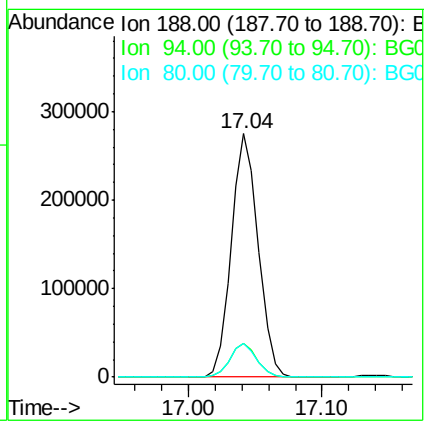


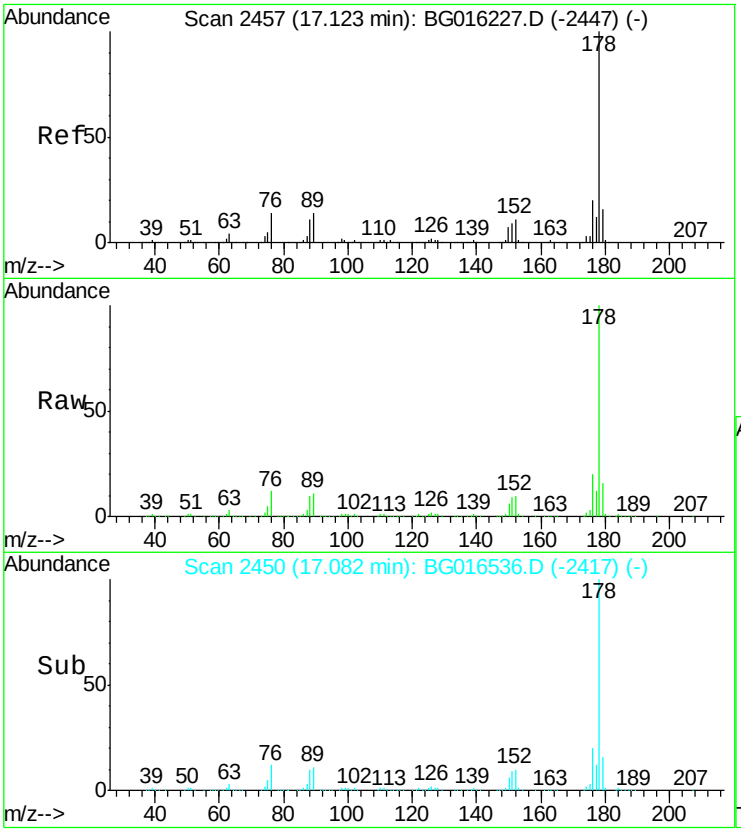


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:188 Resp: 385361

Ion	Ratio	Lower	Upper
188	100		
94	14.1	12.2	18.4
80	13.8	12.8	19.2



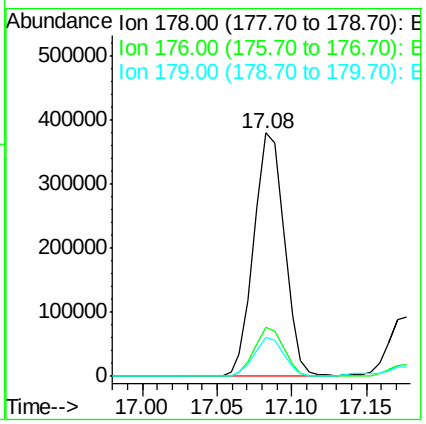


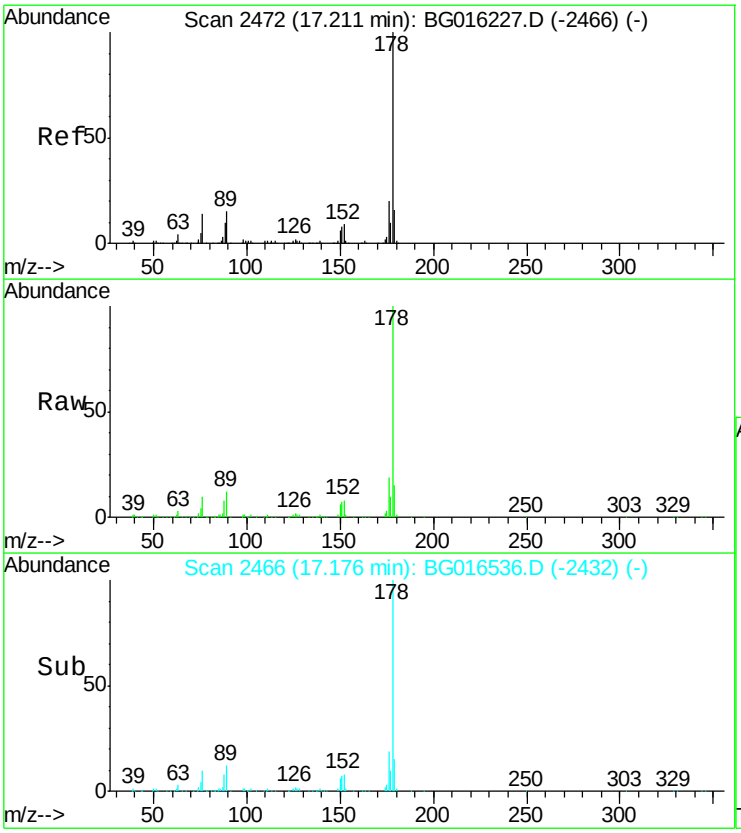
#70
Phenanthrene
Concen: 24.84 ng
RT: 17.08 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:178 Resp: 538403

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.1	12.7	19.1

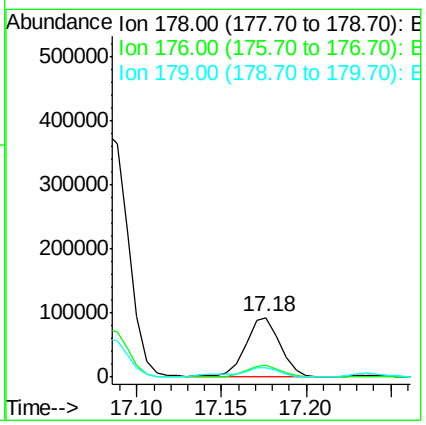


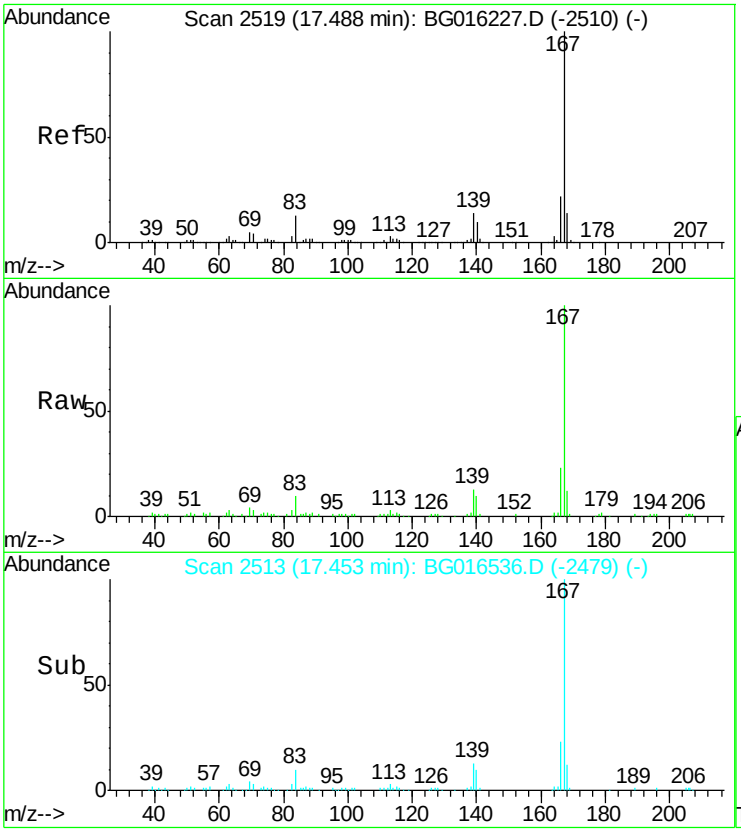


#71
Anthracene
Concen: 6.05 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:178 Resp: 129956

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.2	13.0	19.6



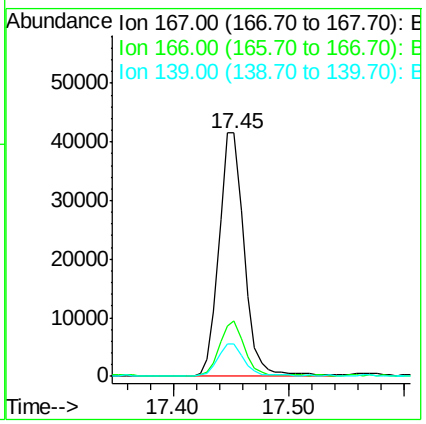


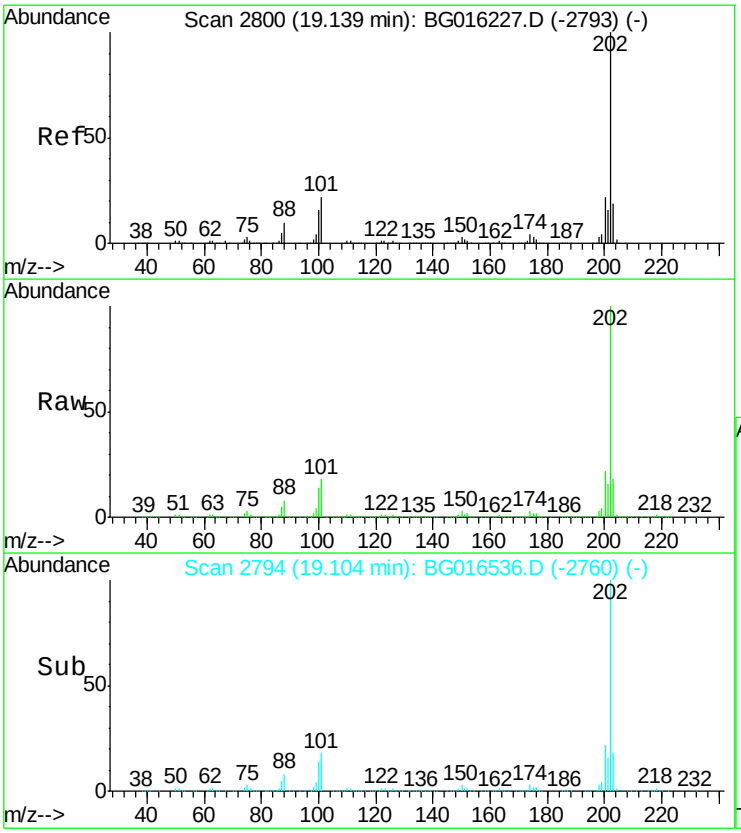
#72
Carbazole
Concen: 2.94 ng
RT: 17.45 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:167 Resp: 63274

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.9	26.9
139	13.3	11.5	17.3

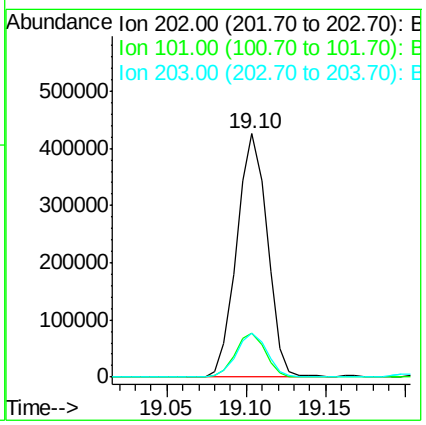


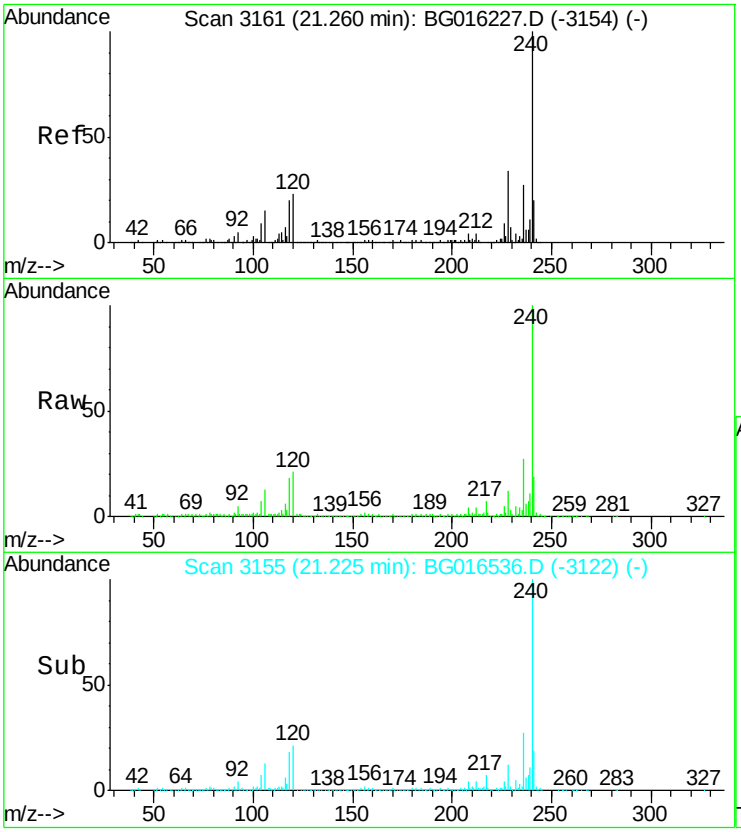


#74
Fluoranthene
Concen: 25.49 ng
RT: 19.10 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:202 Resp: 569441

Ion	Ratio	Lower	Upper
202	100		
101	18.2	1.7	41.7
203	18.1	0.0	38.7



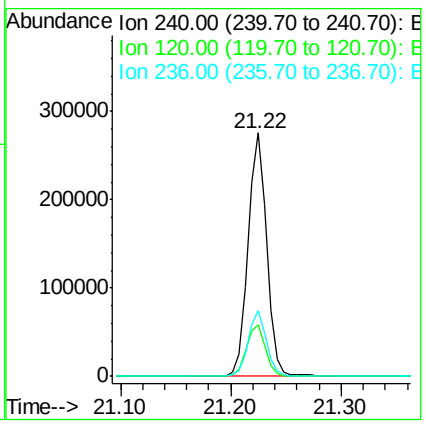


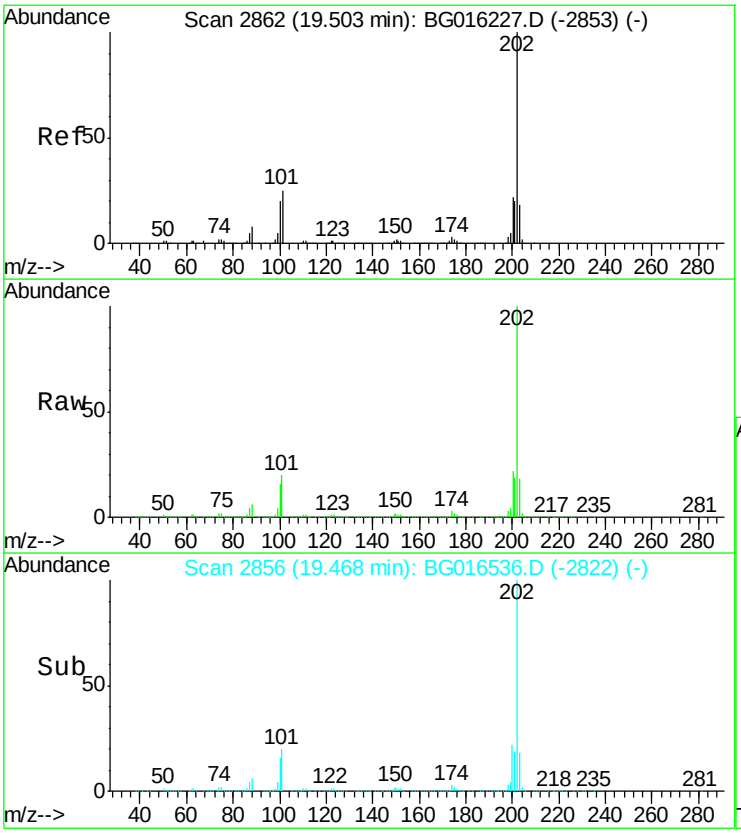
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:240 Resp: 328594

Ion	Ratio	Lower	Upper
240	100		
120	21.3	18.6	28.0
236	26.7	21.7	32.5

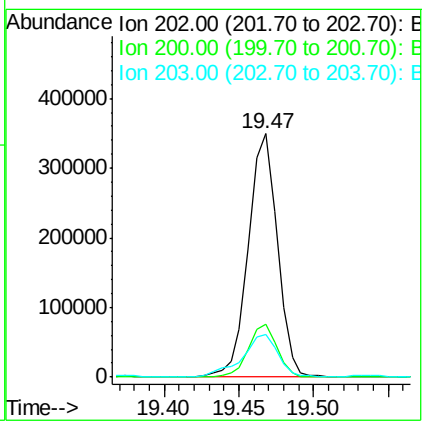


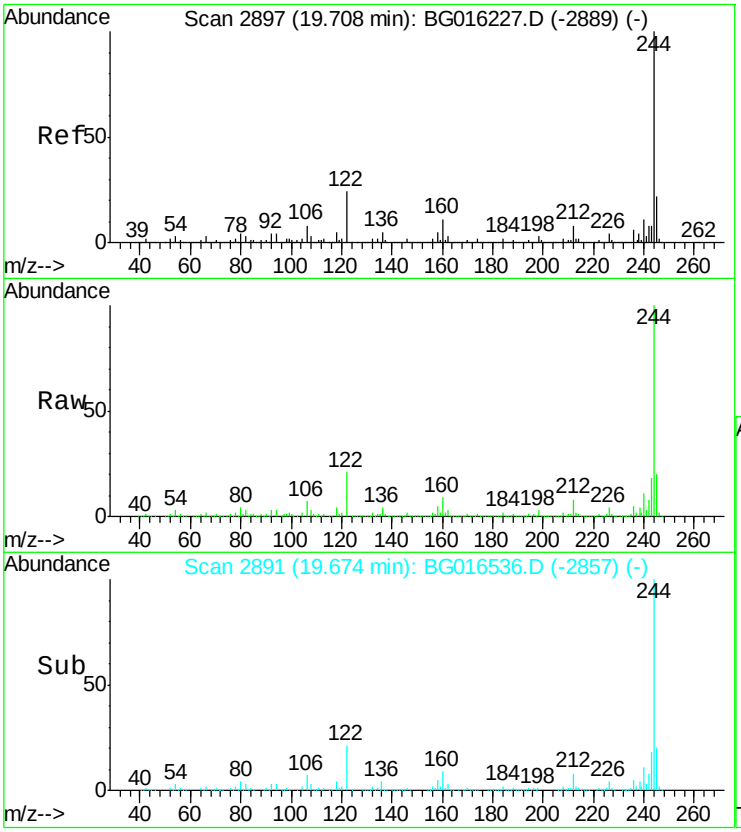


#77
Pyrene
Concen: 20.51 ng
RT: 19.47 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:202 Resp: 469305

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.8
203	17.8	14.7	22.1



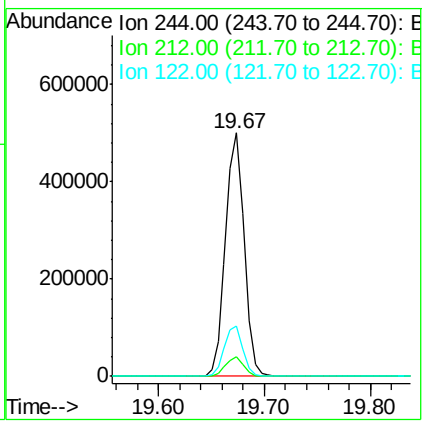


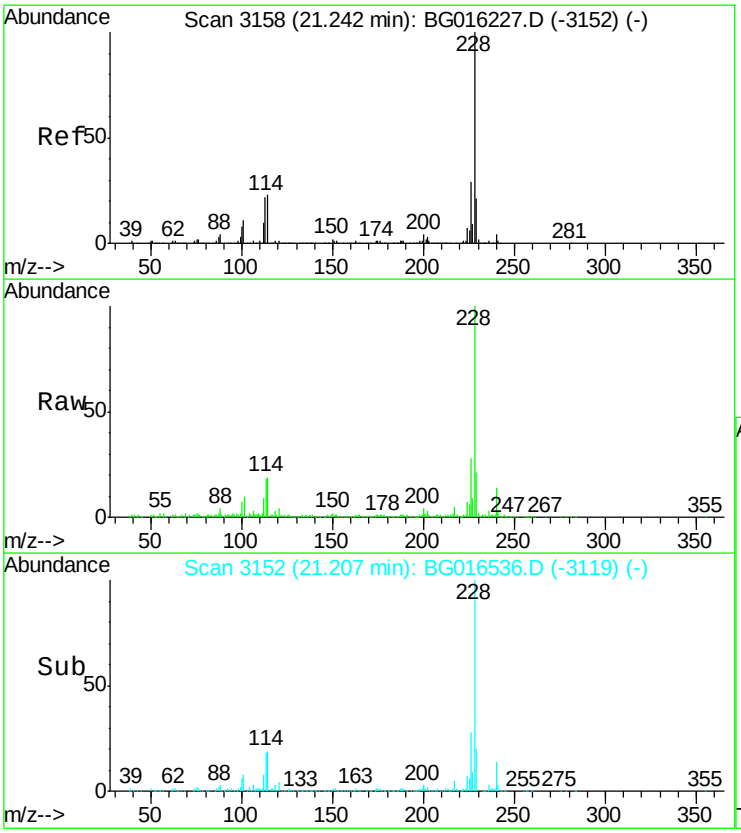
#78
Terphenyl-d14
Concen: 43.60 ng
RT: 19.67 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:244 Resp: 612110

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	20.9	19.1	28.7

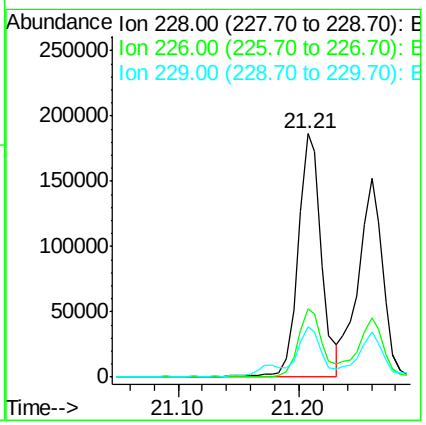


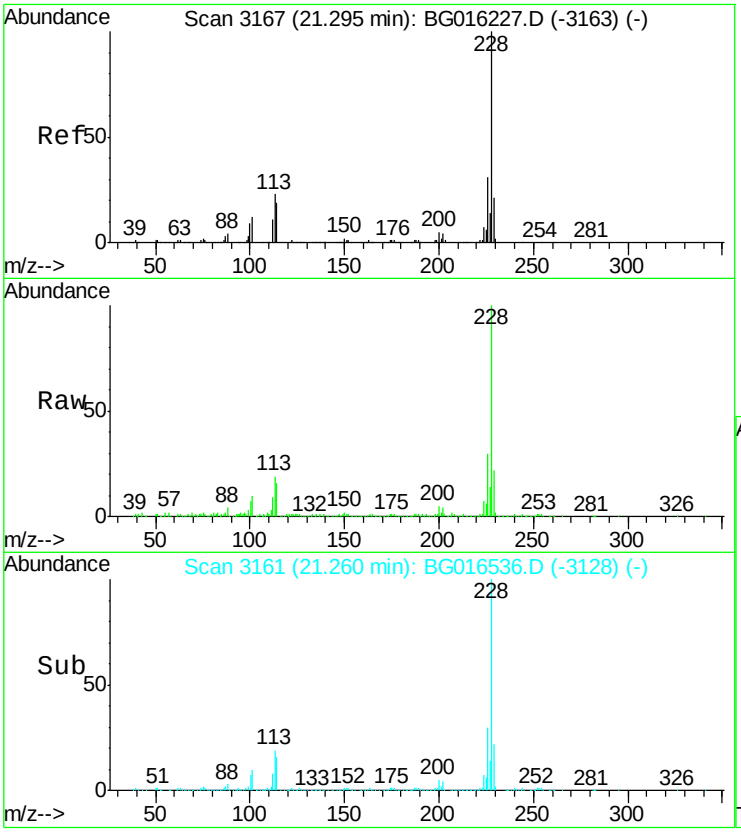


#80
Benzo(a)anthracene
Concen: 12.76 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:228 Resp: 247896

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.5	35.3
229	20.5	16.8	25.2



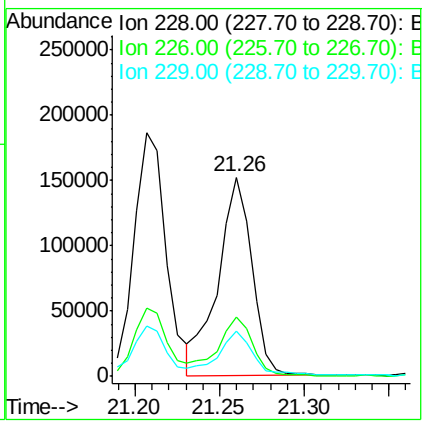


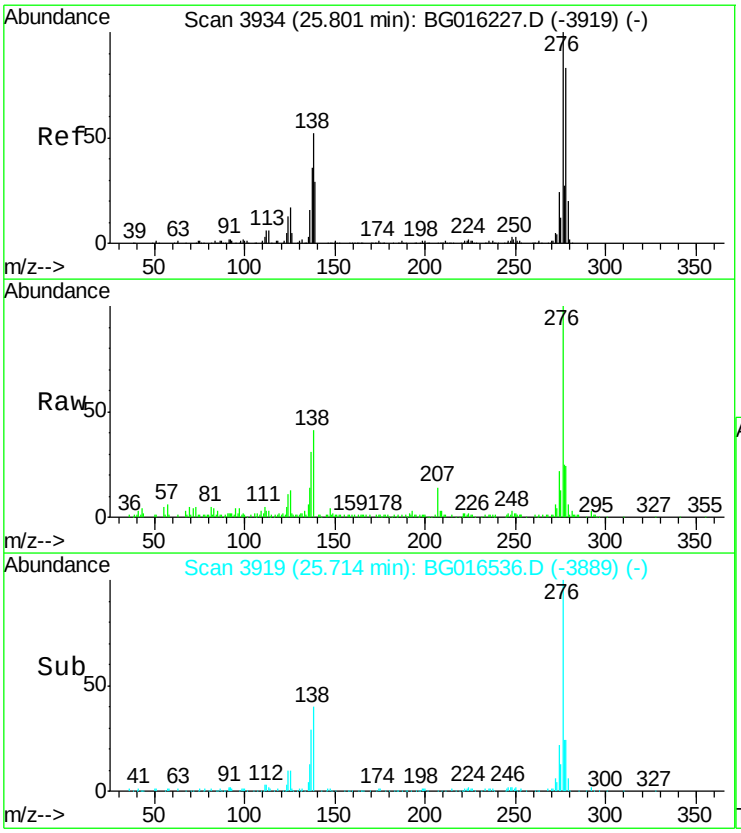
#82
Chrysene
Concen: 11.34 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:228 Resp: 212622

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	22.5	17.0	25.4

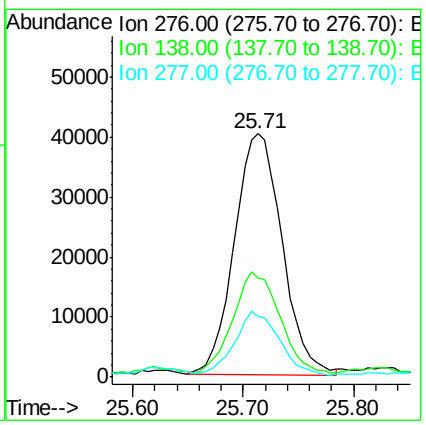


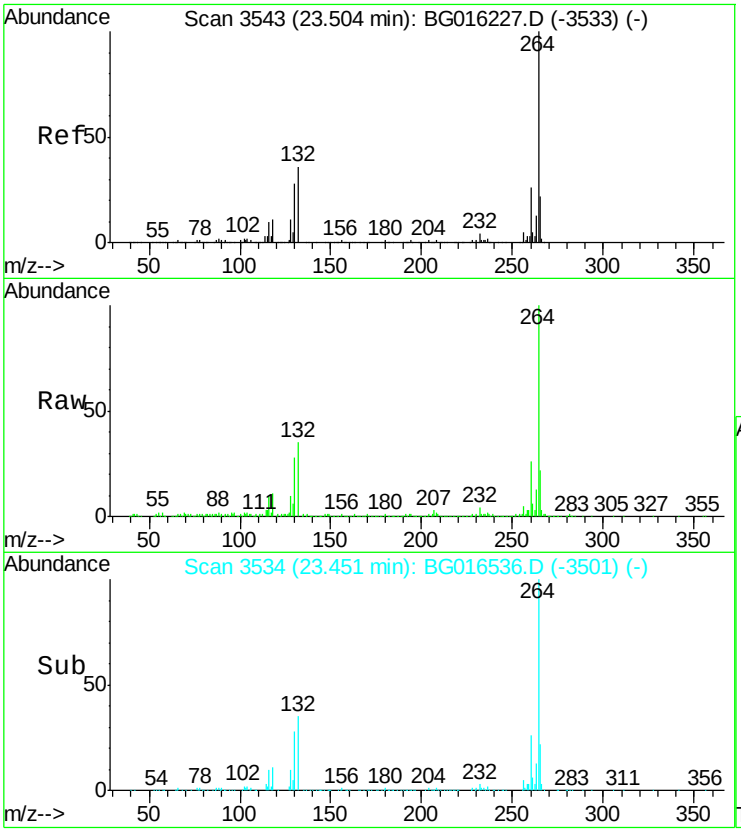


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.24 ng
RT: 25.71 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:276 Resp: 121517

Ion	Ratio	Lower	Upper
276	100		
138	41.6	41.5	62.3
277	24.2	21.0	31.6



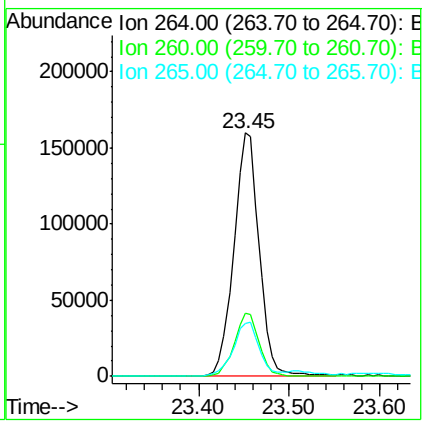


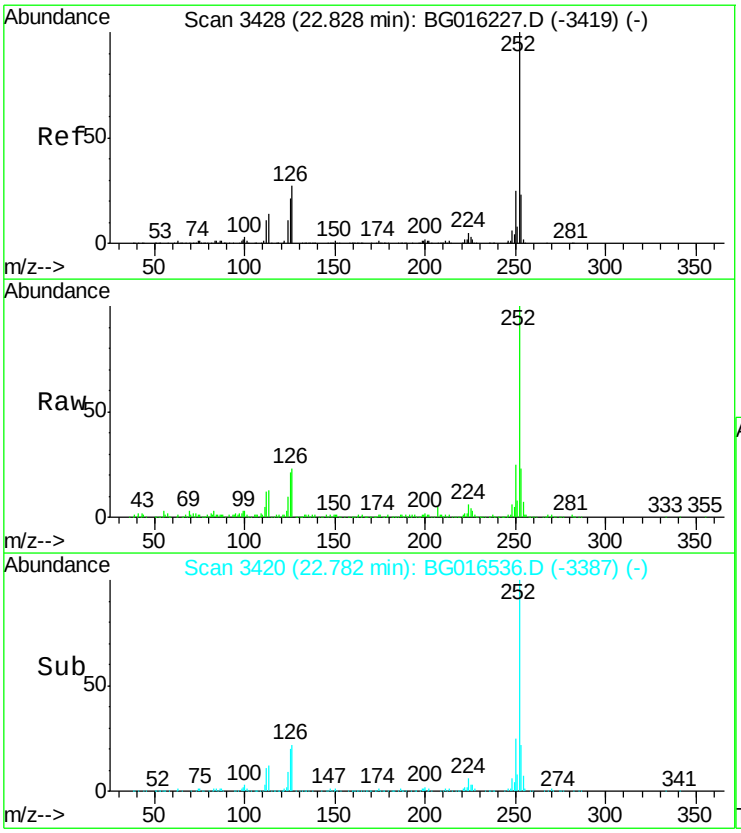
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:264 Resp: 309483

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.4	30.6
265	21.7	17.2	25.8

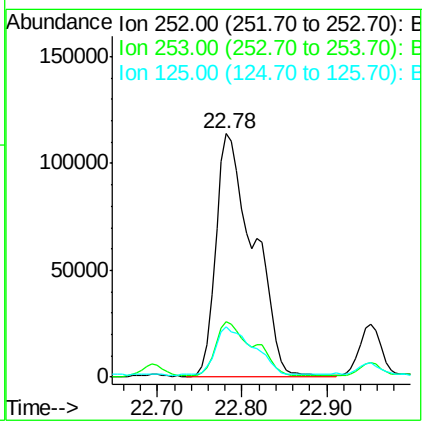


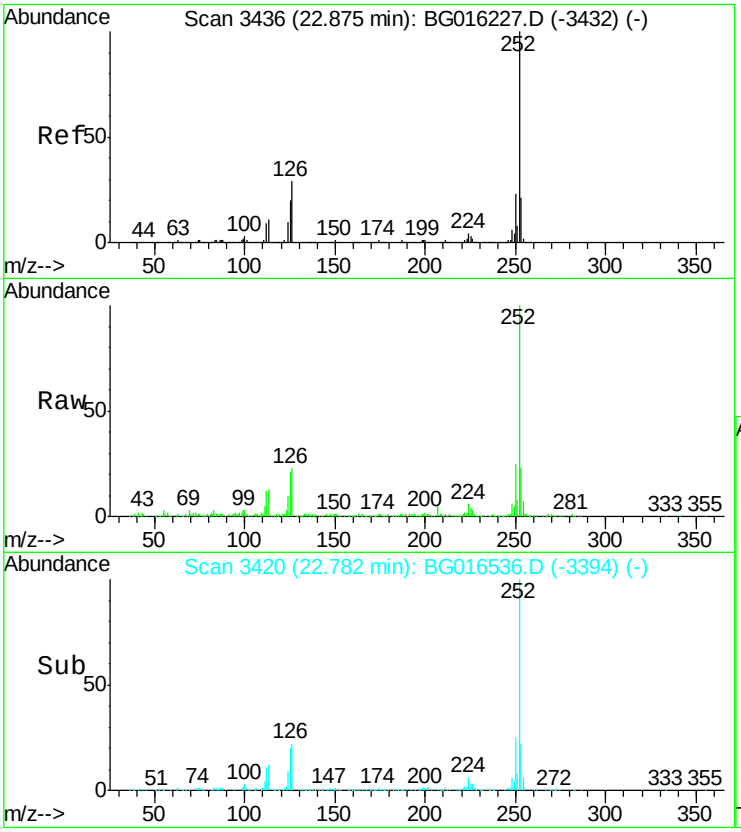


#87
Benzo(b)fluoranthene
Concen: 19.52 ng
RT: 22.78 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:252 Resp: 353739

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	20.8	17.0	25.6



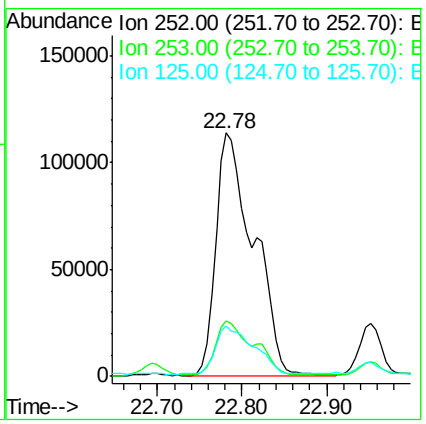


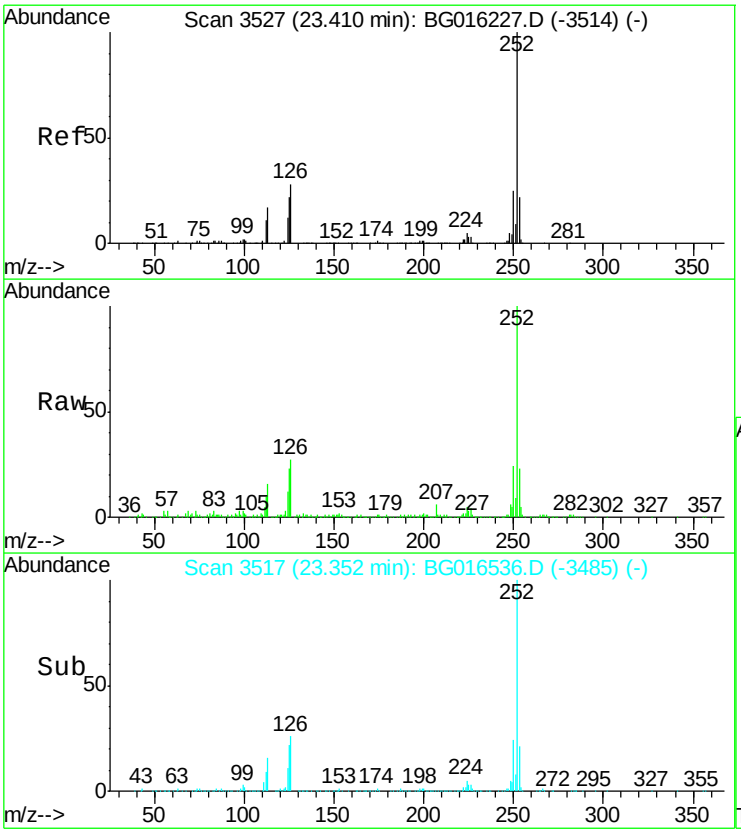
#88
Benzo(k)fluoranthene
Concen: 19.94 ng
RT: 22.78 min Scan# 3420
Delta R.T. -0.05 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:252 Resp: 353739

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	20.8	16.3	24.5

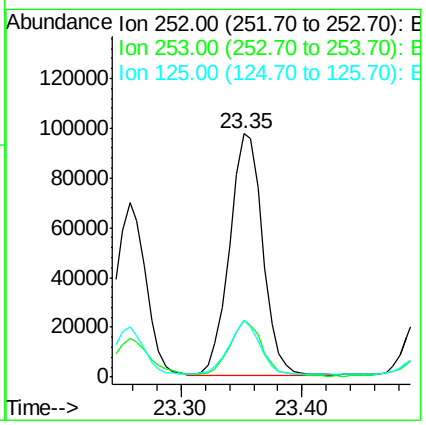


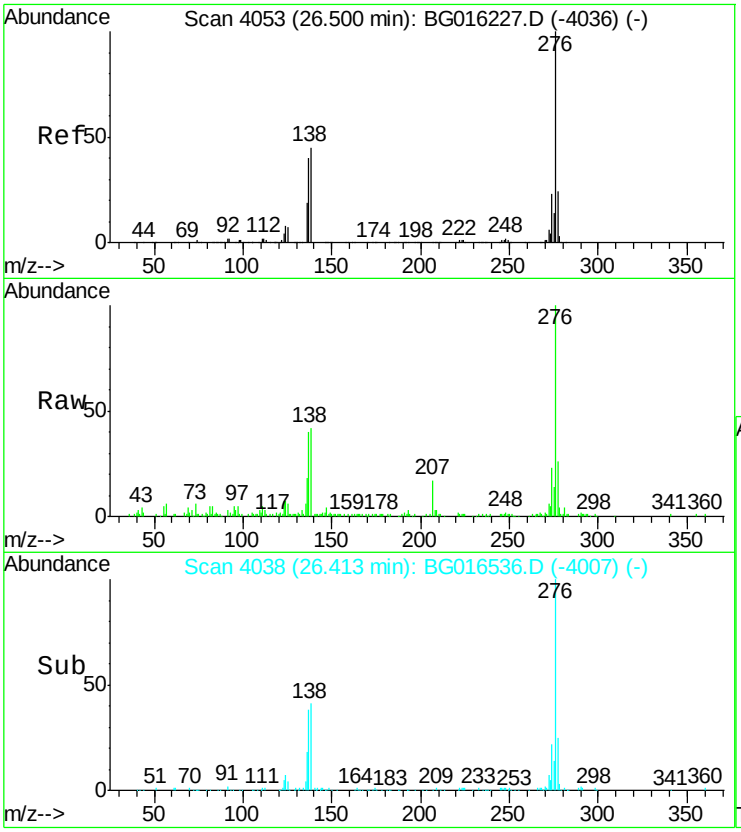


#89
Benzo(a)pyrene
Concen: 10.92 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Tgt Ion:252 Resp: 185470

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	23.3	17.6	26.4





#91
Benzo(g,h,i)perylene
Concen: 7.05 ng
RT: 26.41 min Scan# 4038
Delta R.T. -0.02 min
Lab File: BG016536.D
Acq: 19 Apr 2015 00:17

Instrument :
BNA_G
ClientSampleId :
S1-1-4

Tgt Ion:276 Resp: 116413

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.5	29.3
138	42.1	35.7	53.5