Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017595.D
Acq On : 10 Jun 2015 5:35
Operator : TP/IZ
Sample : G2450-05DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SEC-3.4-SPDL

Quant Time: Jun 10 06:21:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	17178	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	71568	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	45390	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	95765	20.00	ng		0.00
75) Chrysene-d12	21.20	240	115631	20.00	ng		0.00
86) Perylene-d12	23.42	264	119742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	64134	65.78	ng		0.00
7) Phenol-d6	6.78	99	81804	61.58	ng		0.00
23) Nitrobenzene-d5	8.74	82	62406	43.53	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	37882	60.09	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	132796	44.13	ng		0.00
78) Terphenyl-d14	19.64	244	212465	37.98	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.41	128	14514	3.88	ng		97
48) Acenaphthylene	13.97	152	12617	2.58	ng	#	89
49) Dimethylphthalate	13.70	163	10413	2.64	ng	#	95
55) 4-Nitrophenol	14.65	139	2309	3.78	ng	#	3
69) Pentachlorophenol	16.77	266	77	5.60	ng	#	22
70) Phenanthrene	17.04	178	83491	15.64	ng		96
71) Anthracene	17.13	178	29483	5.53	ng		98
72) Carbazole	17.41	167	16525	3.14	ng		97
74) Fluoranthene	19.07	202	395333	56.62	ng		99
77) Pyrene	19.43	202	346337	48.62	ng		99
80) Benzo(a)anthracene	21.18	228	191147	26.88	ng		98
82) Chrysene	21.24	228	199222	30.94	ng		95
85) Indeno(1,2,3-cd)pyrene	25.67	276	94133	11.64	ng	#	90
87) Benzo(b)fluoranthene	22.75	252	276903	36.49	ng		96
88) Benzo(k)fluoranthene	22.75	252	276903	38.13	ng		96
89) Benzo(a)pyrene	23.32	252	149547	21.49	ng		98
90) Dibenzo(a,h)anthracene	25.68	278	27034	3.74	ng		95
91) Benzo(g,h,i)perylene	26.35	276	77919	11.32	ng	#	93

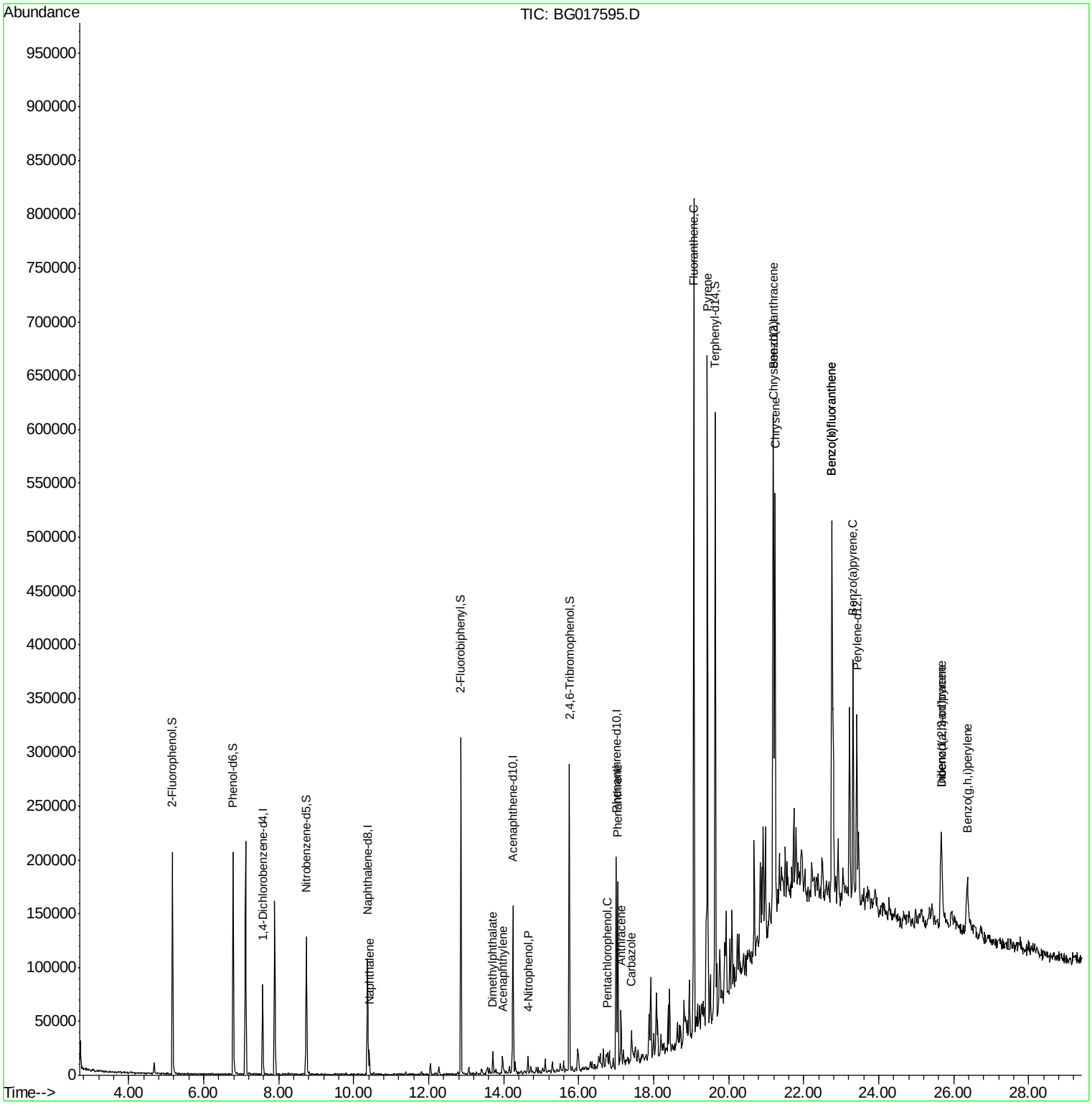
(#) = qualifier out of range (m) = manual integration (+) = signals summed

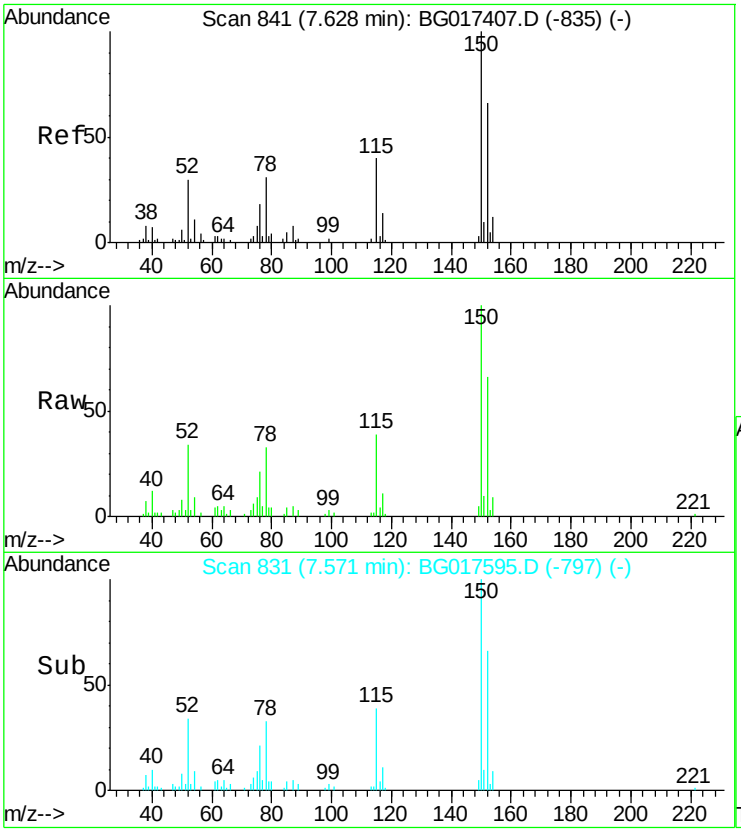
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017595.D
Acq On : 10 Jun 2015 5:35
Operator : TP/IZ
Sample : G2450-05DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Quant Time: Jun 10 06:21:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration



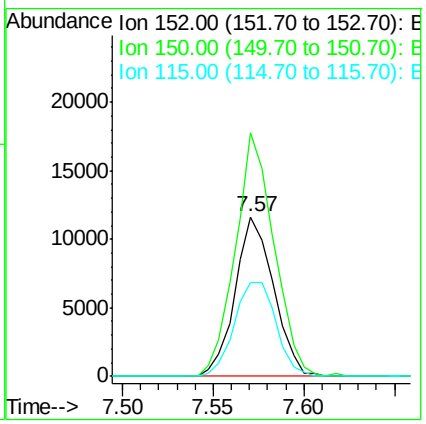


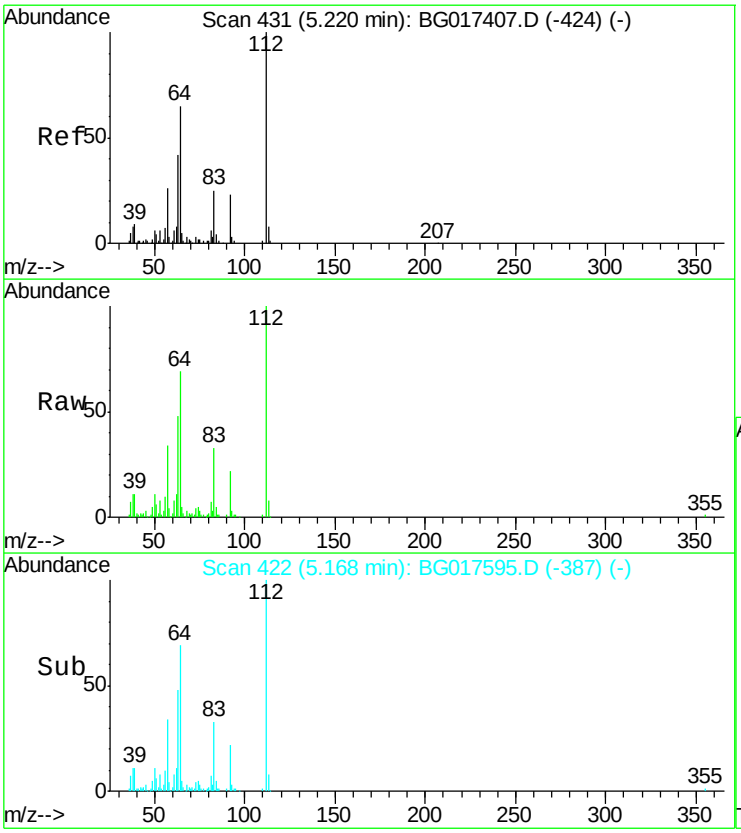
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:152 Resp: 17178

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.7	182.5
115	59.0	48.6	73.0

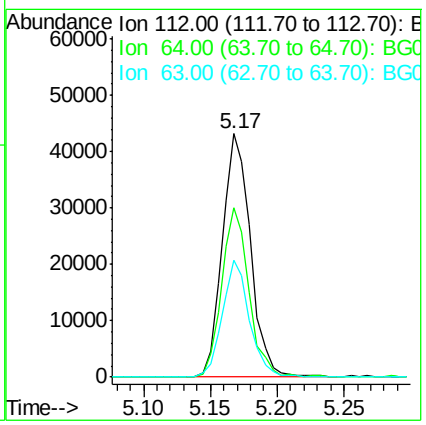


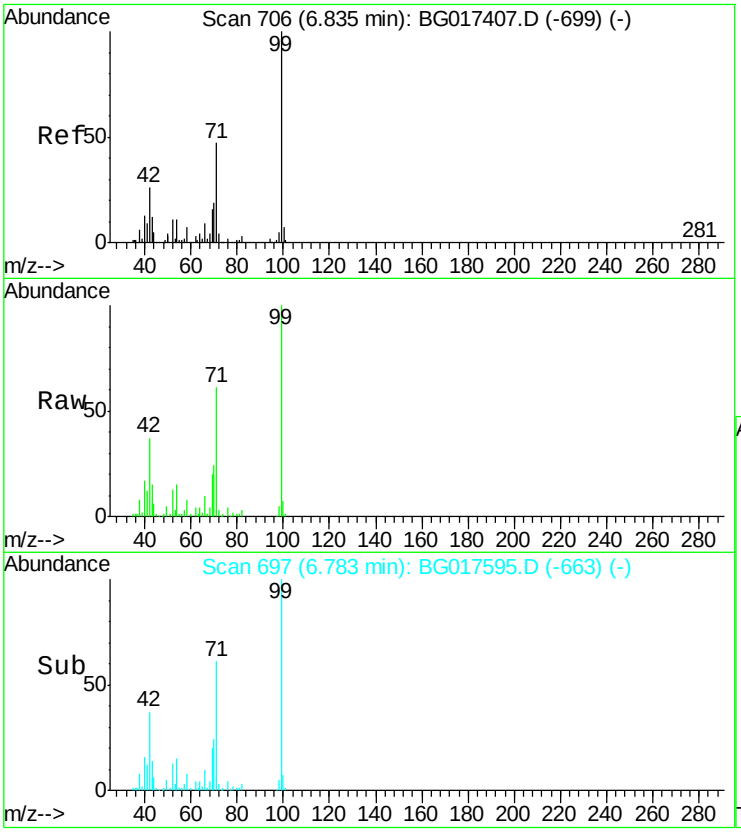


#5
2-Fluorophenol
Concen: 65.78 ng
RT: 5.17 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:112 Resp: 64134

Ion	Ratio	Lower	Upper
112	100		
64	69.5	51.6	77.4
63	47.8	33.3	49.9



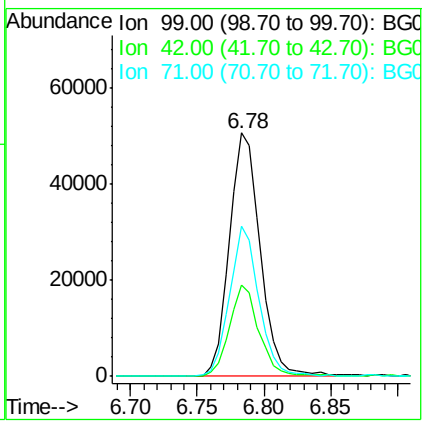


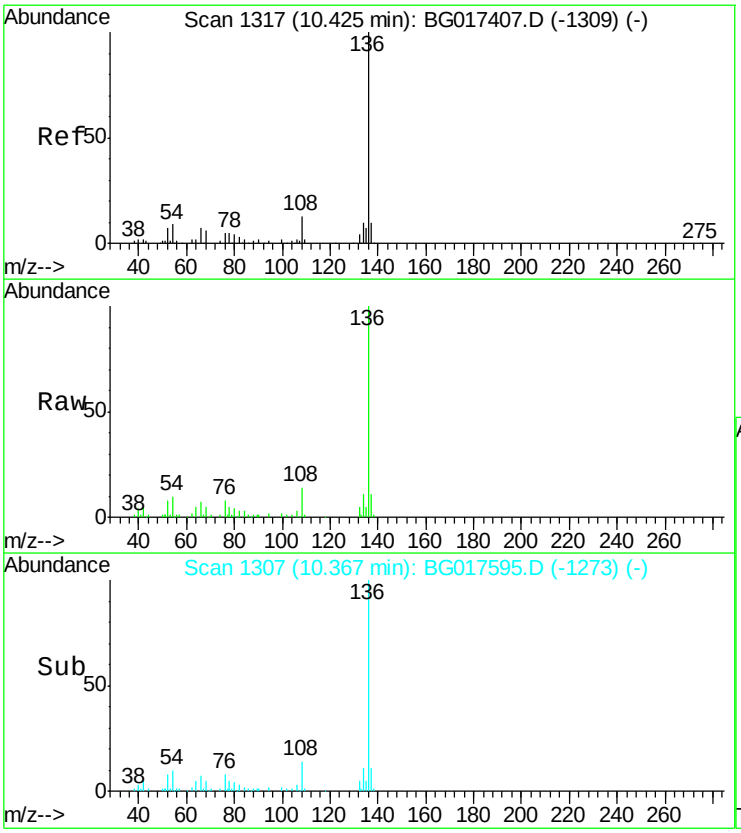
#7
Phenol-d6
Concen: 61.58 ng
RT: 6.78 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion: 99 Resp: 81804

Ion	Ratio	Lower	Upper
99	100		
42	37.3	21.0	31.6#
71	61.5	37.2	55.8#

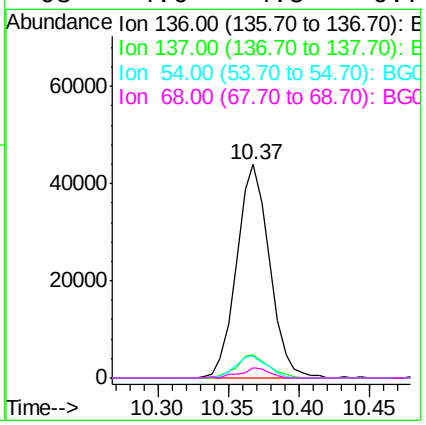


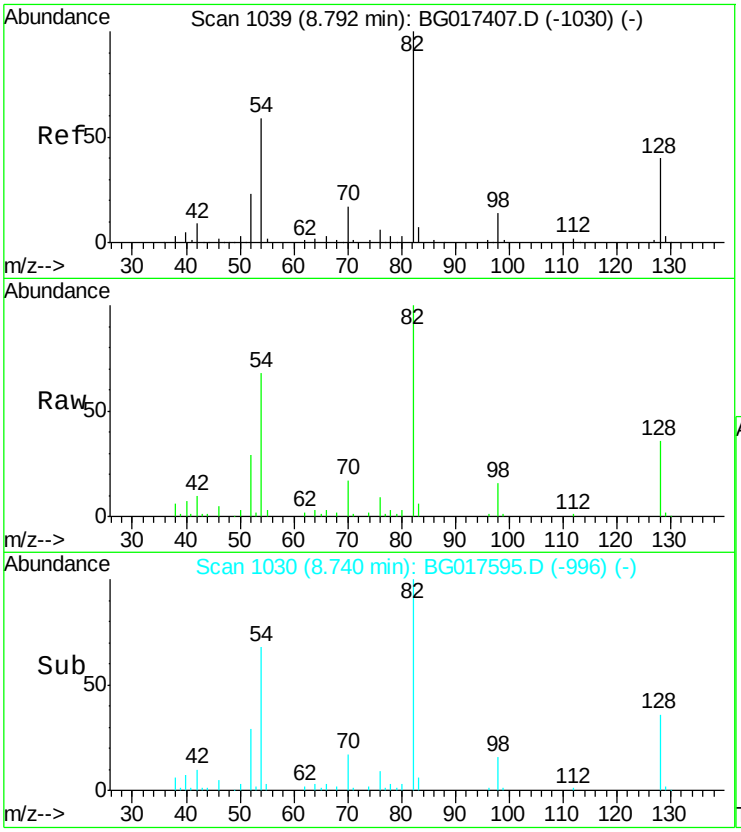


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:136 Resp: 71568

Ion	Ratio	Lower	Upper
136	100		
137	10.6	7.9	11.9
54	10.4	7.2	10.8
68	4.6	4.5	6.7



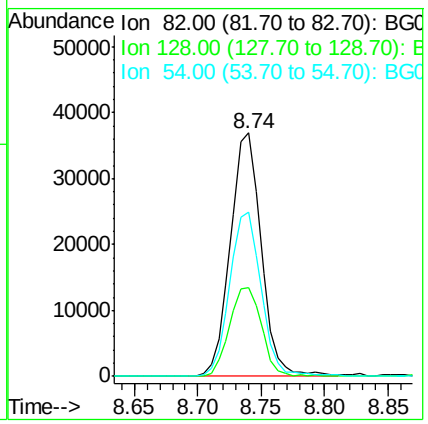


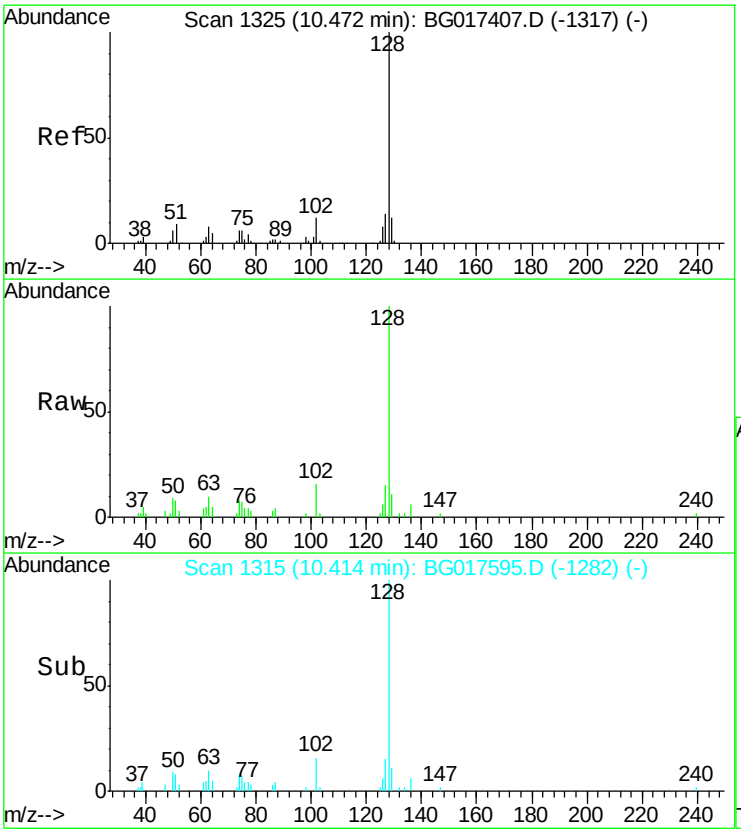
#23
Nitrobenzene-d5
Concen: 43.53 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion: 82 Resp: 62406

Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.2	48.4
54	67.6	47.4	71.2

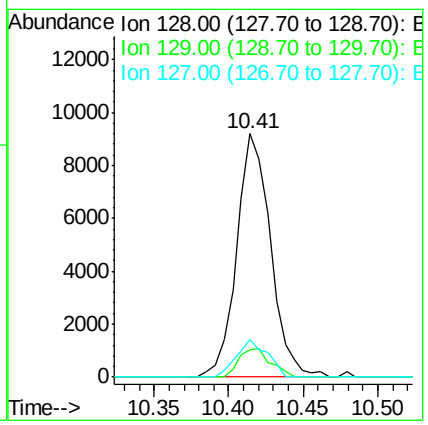


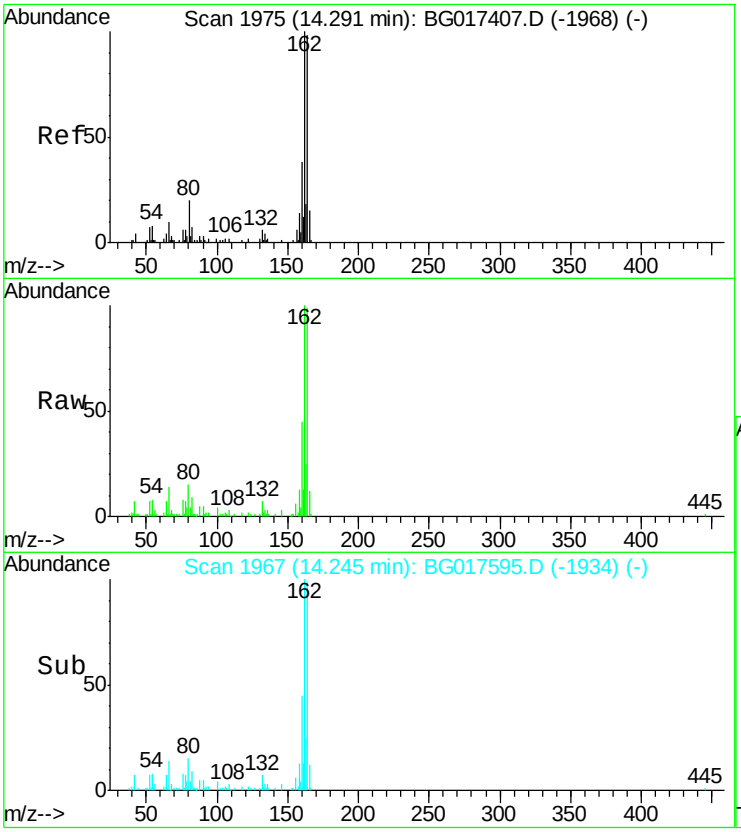


#31
Naphthalene
Concen: 3.88 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:128 Resp: 14514

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	15.4	10.9	16.3



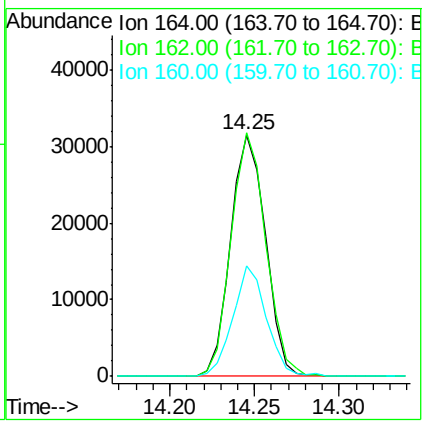


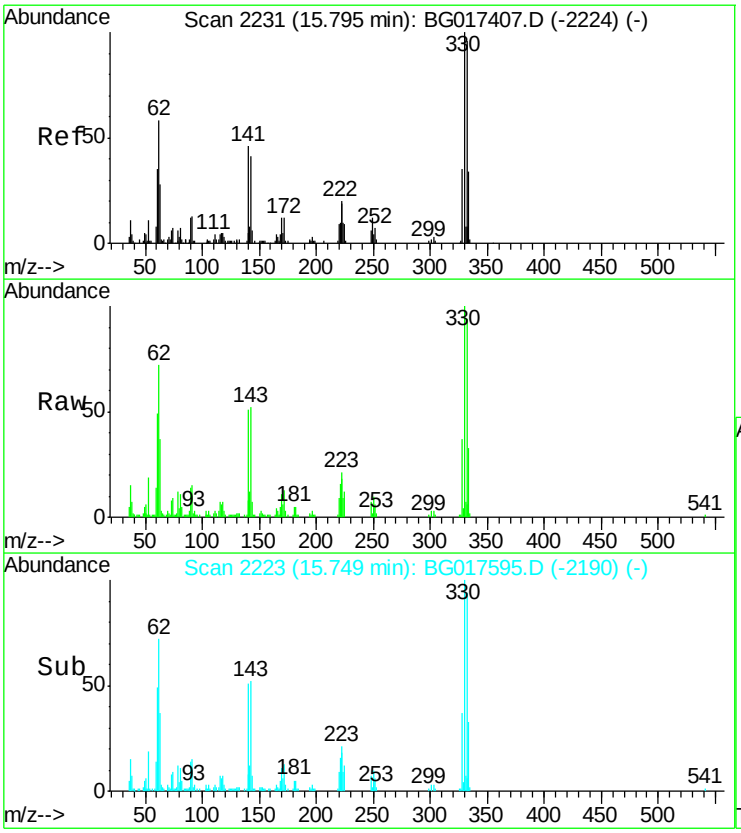
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:164 Resp: 45390

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	45.8	31.0	46.4

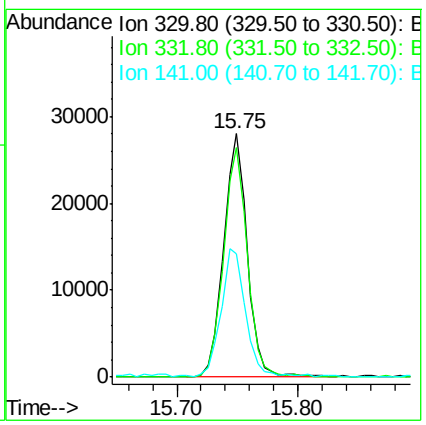


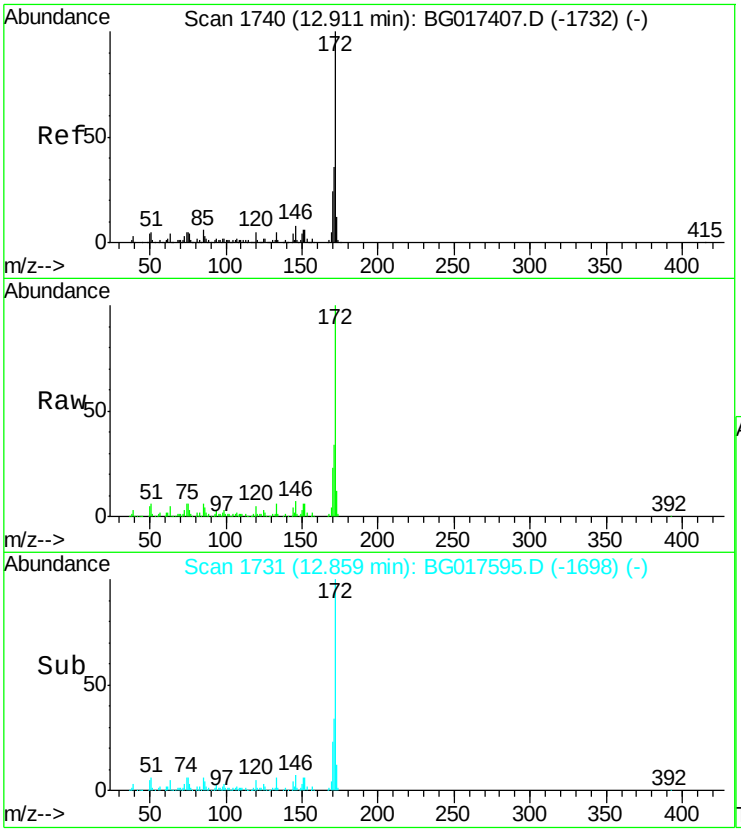


#41
2,4,6-Tribromophenol
Concen: 60.09 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:330 Resp: 37882

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	55.2	40.2	60.4



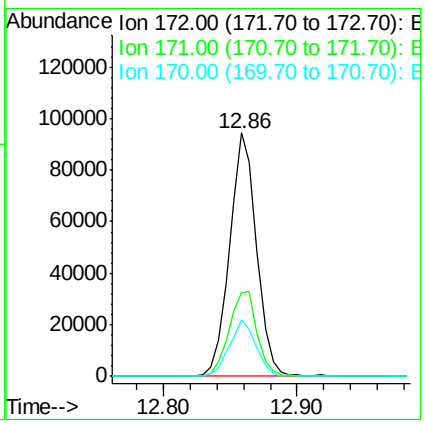


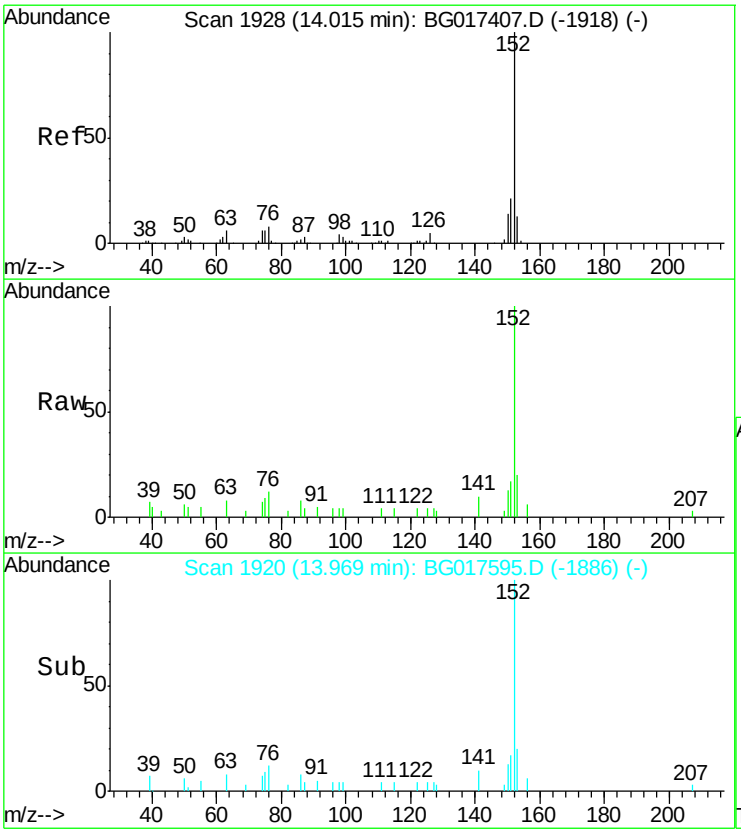
#44
2-Fluorobiphenyl
Concen: 44.13 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:172 Resp: 132796

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.0	43.6
170	23.4	18.9	28.3

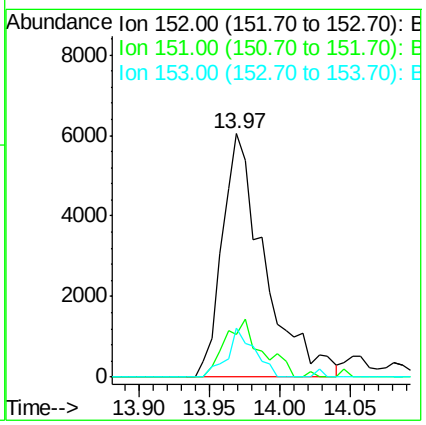


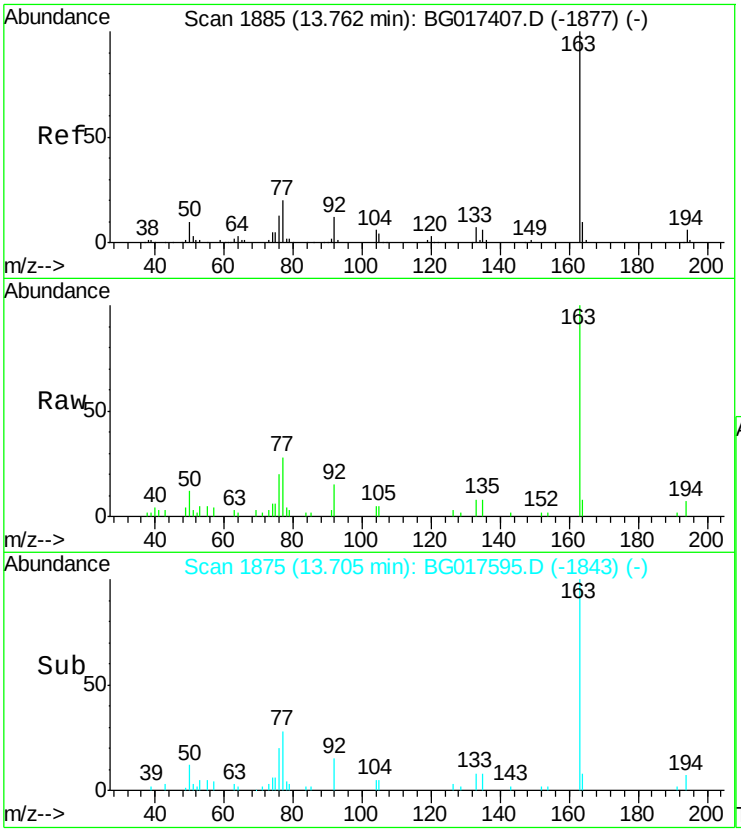


#48
Acenaphthylene
Concen: 2.58 ng
RT: 13.97 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:152 Resp: 12617

Ion	Ratio	Lower	Upper
152	100		
151	17.4	16.5	24.7
153	20.0	10.7	16.1#



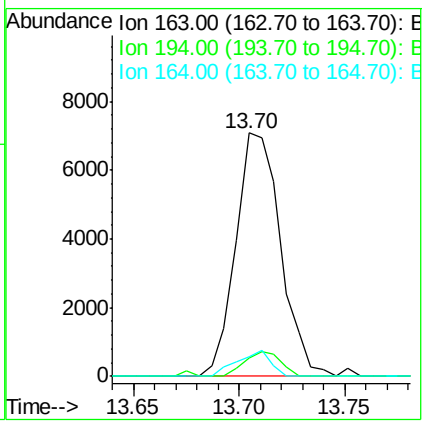


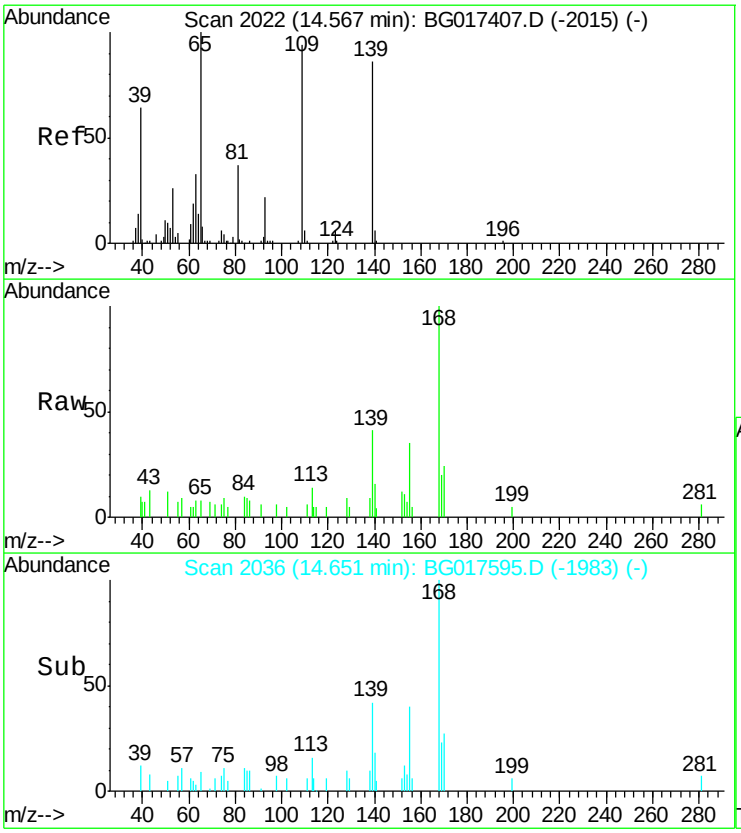
#49
Dimethylphthalate
Concen: 2.64 ng
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:163 Resp: 10413

Ion	Ratio	Lower	Upper
163	100		
194	7.4	4.9	7.3#
164	8.3	8.2	12.2

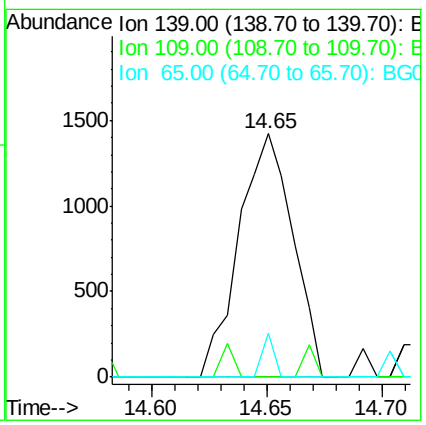


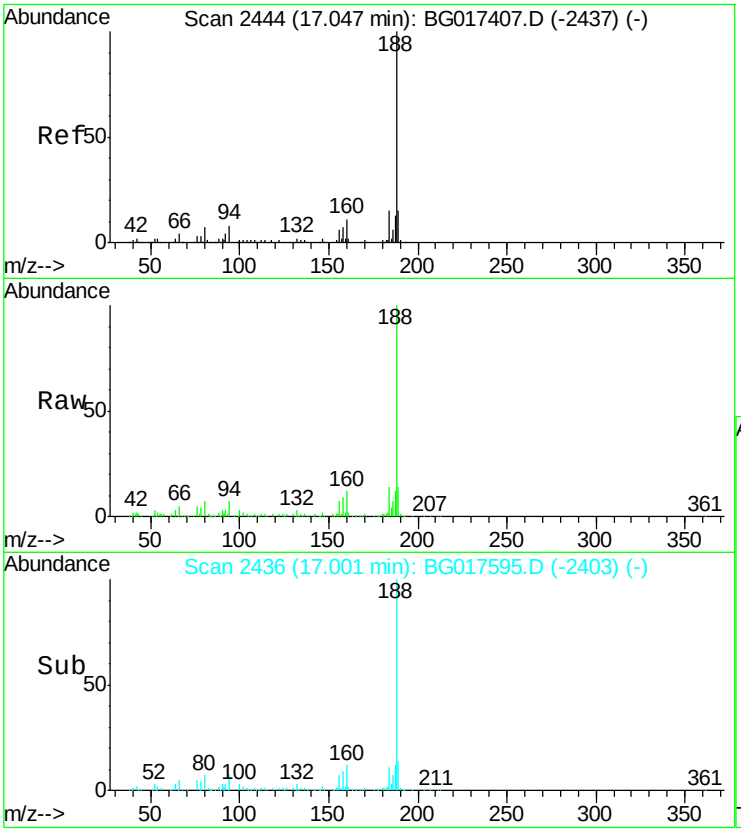


#55
4-Nitrophenol
Concen: 3.78 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.11 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:139 Resp: 2309

Ion	Ratio	Lower	Upper
139	100		
109	0.0	89.5	129.5#
65	18.1	95.9	135.9#



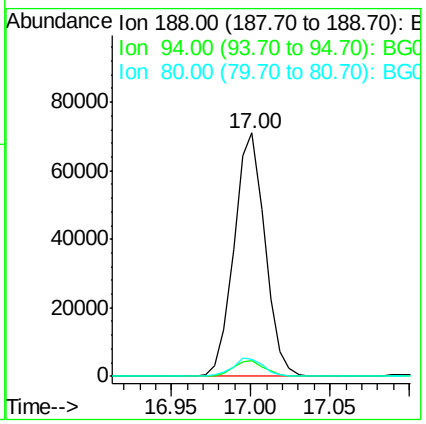


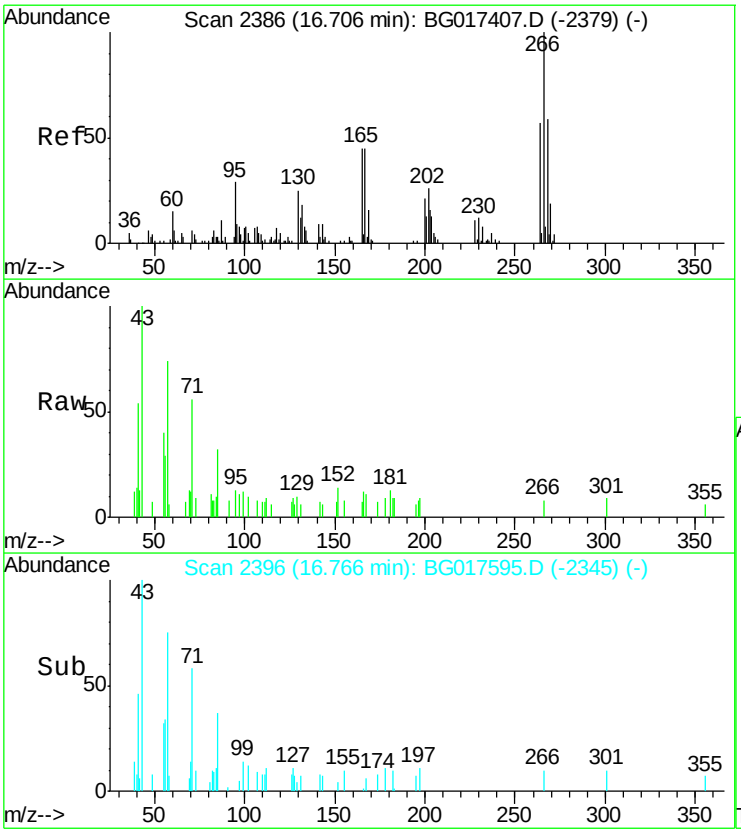
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:188 Resp: 95765

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.3	9.5
80	6.9	5.2	7.8

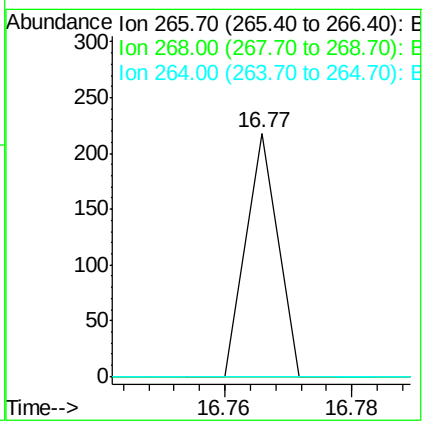


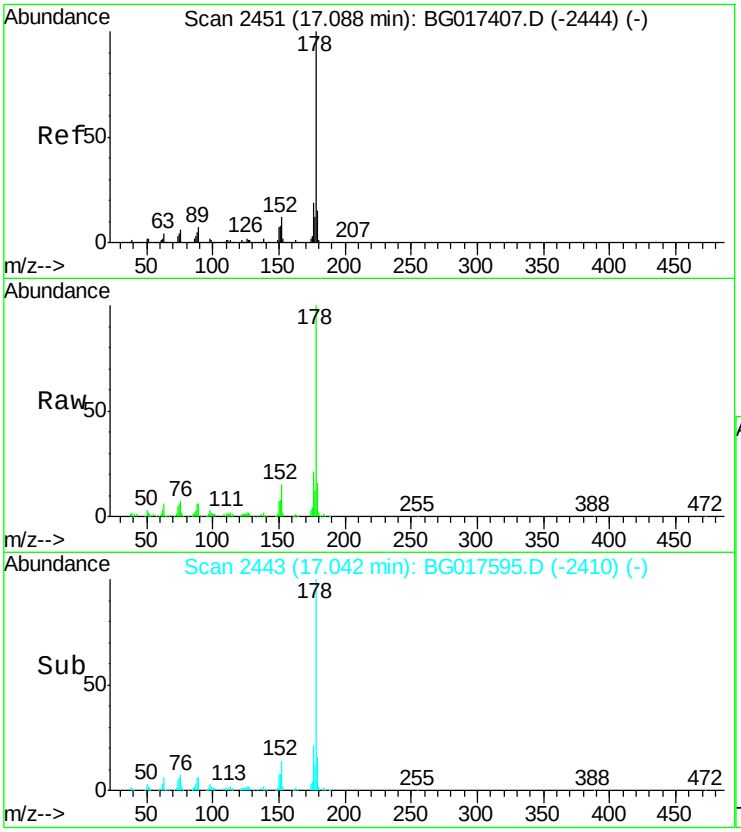


#69
Pentachlorophenol
Concen: 5.60 ng
RT: 16.77 min Scan# 2396
Delta R.T. 0.10 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:266 Resp: 77

Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.0	70.6#
264	0.0	45.7	68.5#



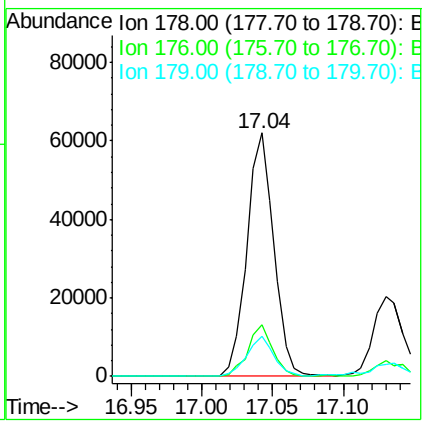


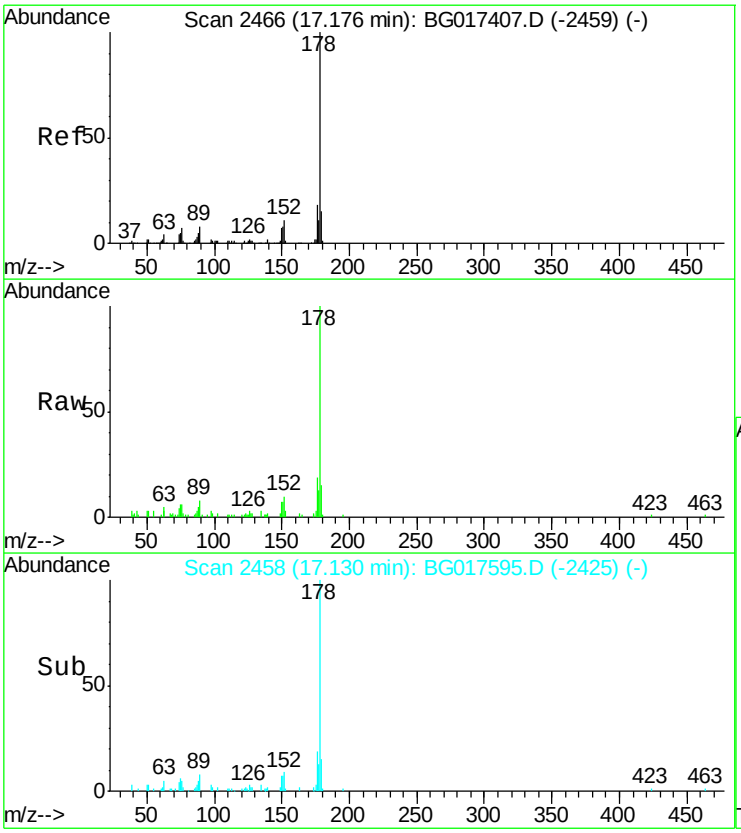
#70
Phenanthrene
Concen: 15.64 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:178 Resp: 83491

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.6	23.4
179	16.4	12.2	18.2

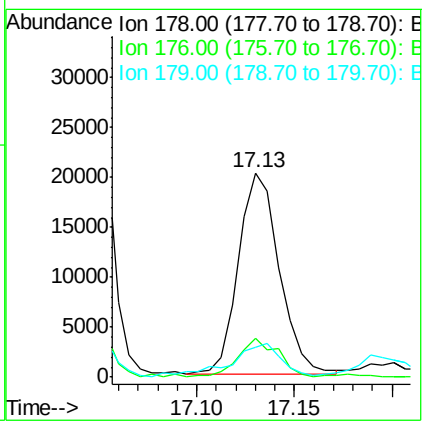


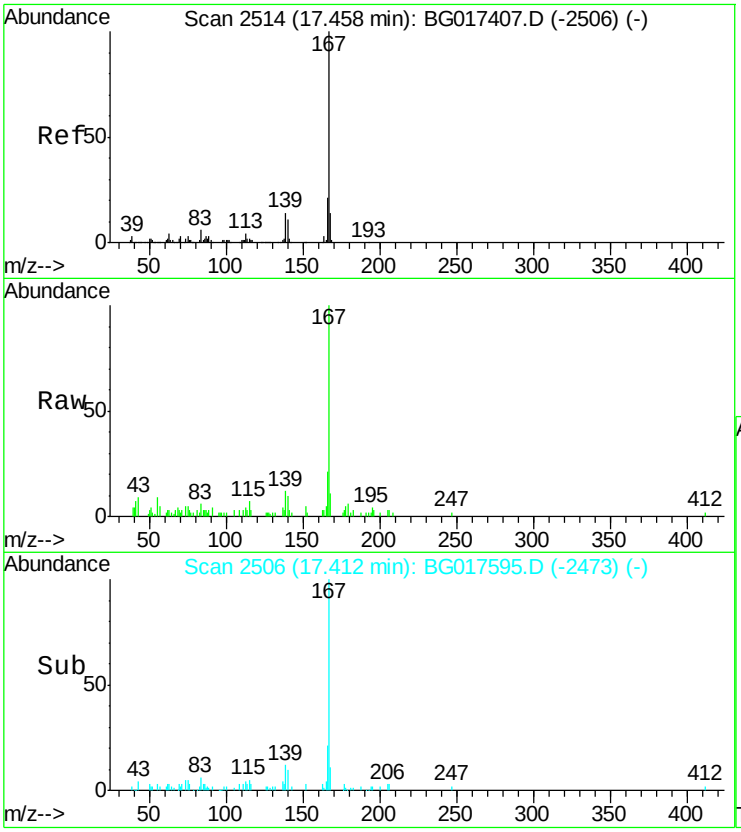


#71
Anthracene
Concen: 5.53 ng
RT: 17.13 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:178 Resp: 29483

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.2	21.2
179	14.8	12.2	18.4



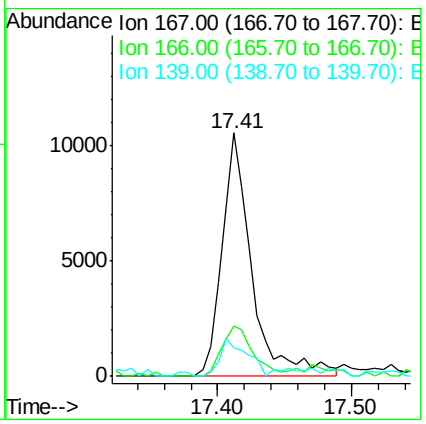


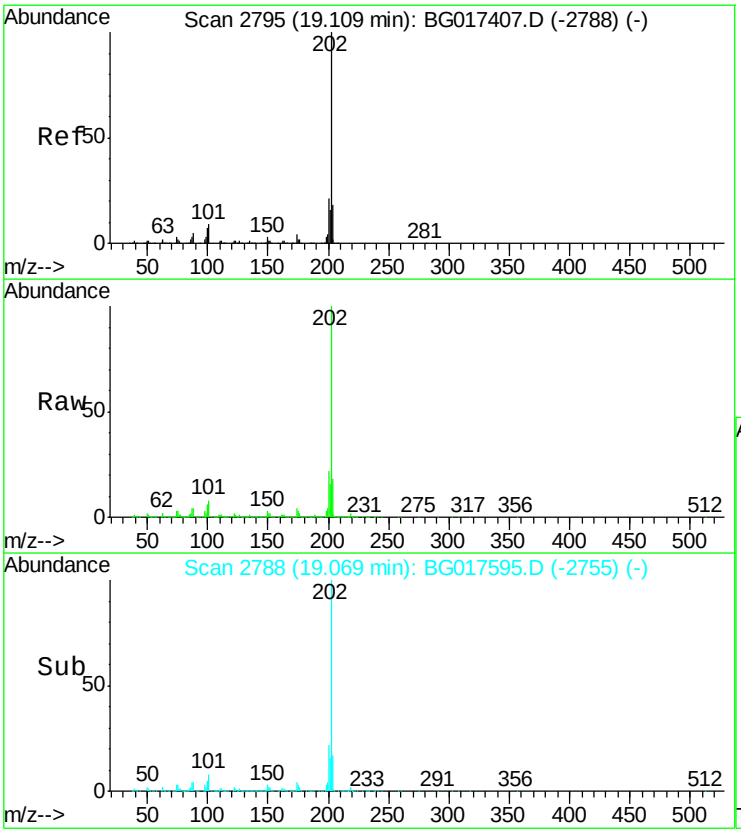
#72
Carbazole
Concen: 3.14 ng
RT: 17.41 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:167 Resp: 16525

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.4
139	11.7	11.3	16.9

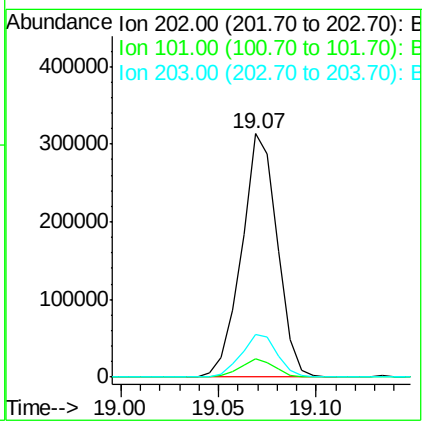


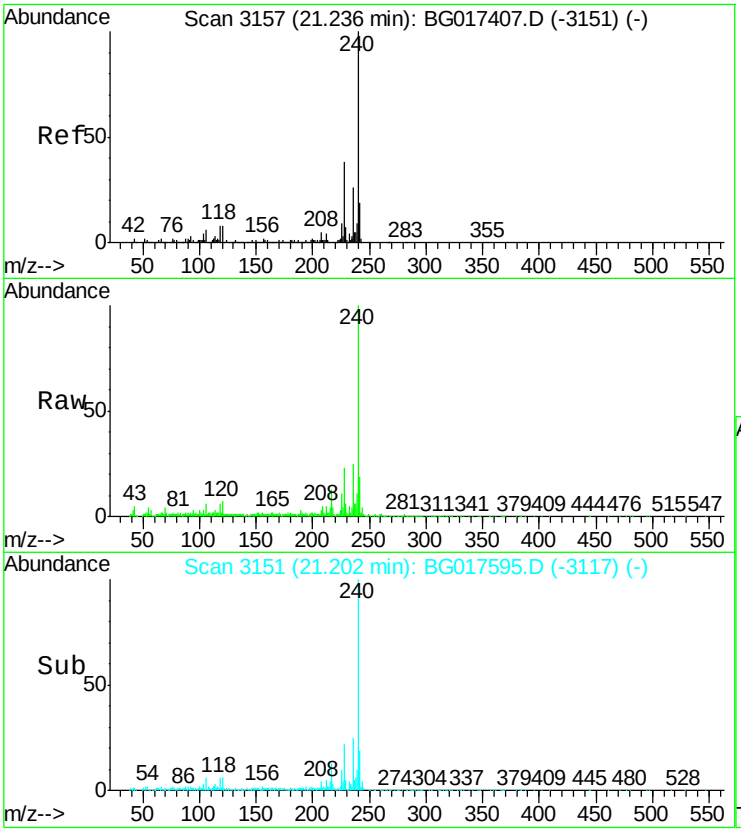


#74
Fluoranthene
Concen: 56.62 ng
RT: 19.07 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:202 Resp: 395333

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.8
203	17.6	0.0	37.6



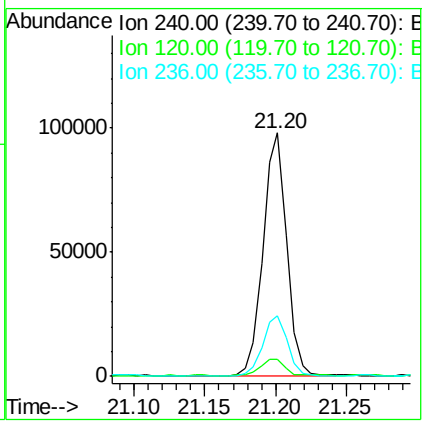


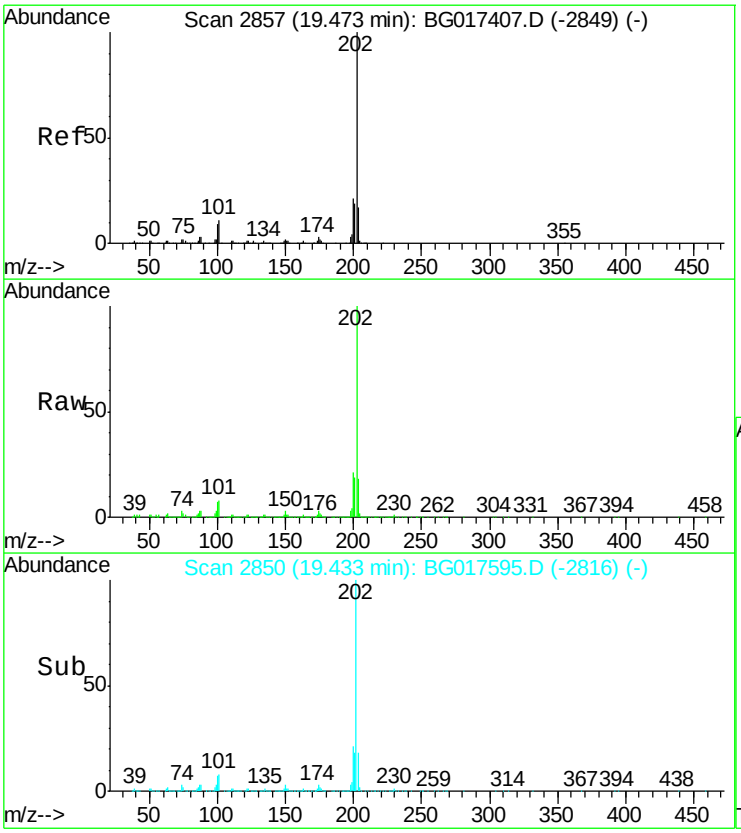
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:240 Resp: 115631

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.5	9.7
236	25.0	20.8	31.2

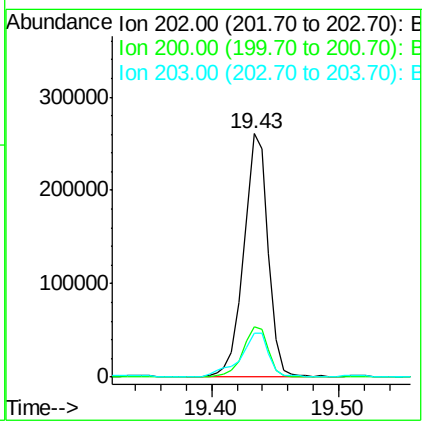


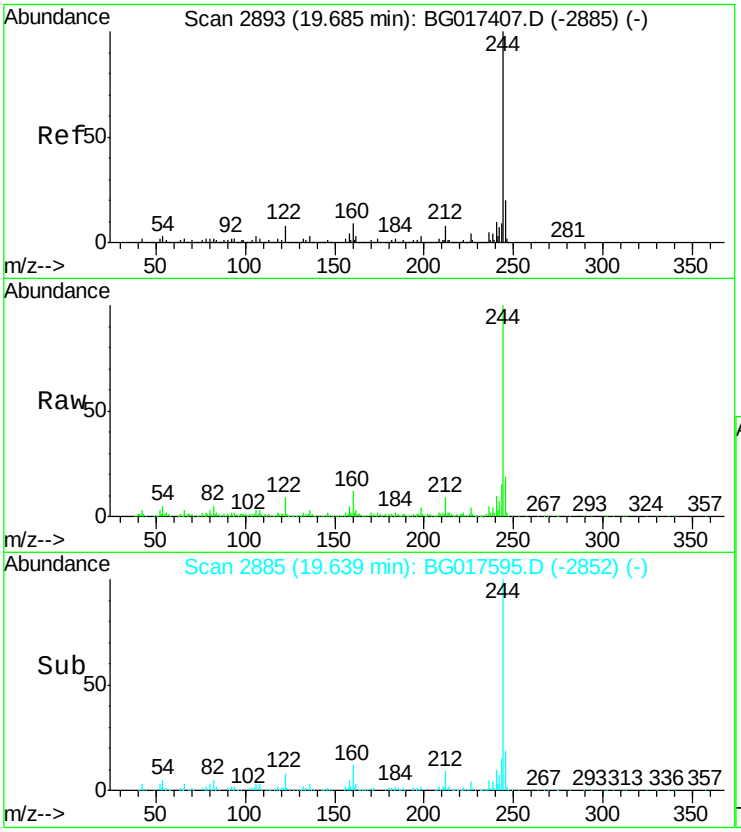


#77
Pyrene
Concen: 48.62 ng
RT: 19.43 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:202 Resp: 346337

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.1	13.9	20.9



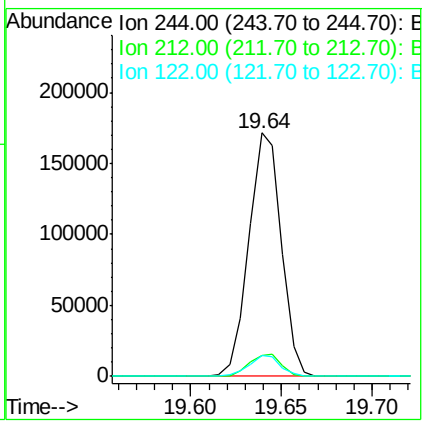


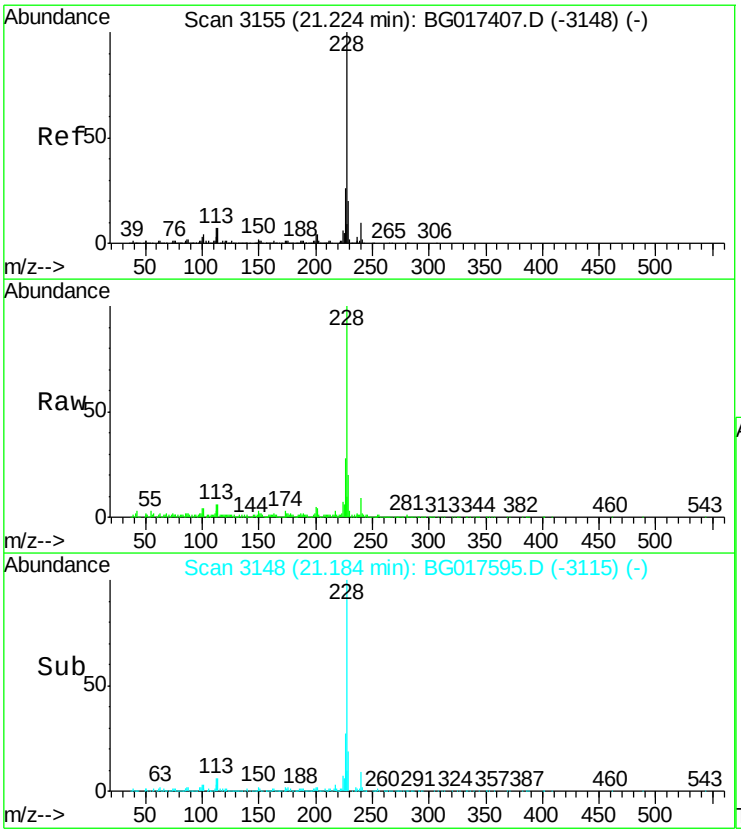
#78
Terphenyl-d14
Concen: 37.98 ng
RT: 19.64 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:244 Resp: 212465

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	8.7	6.6	10.0

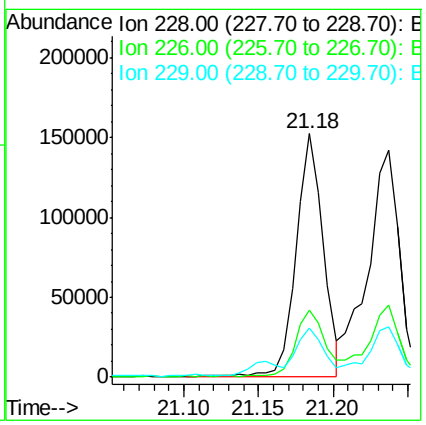


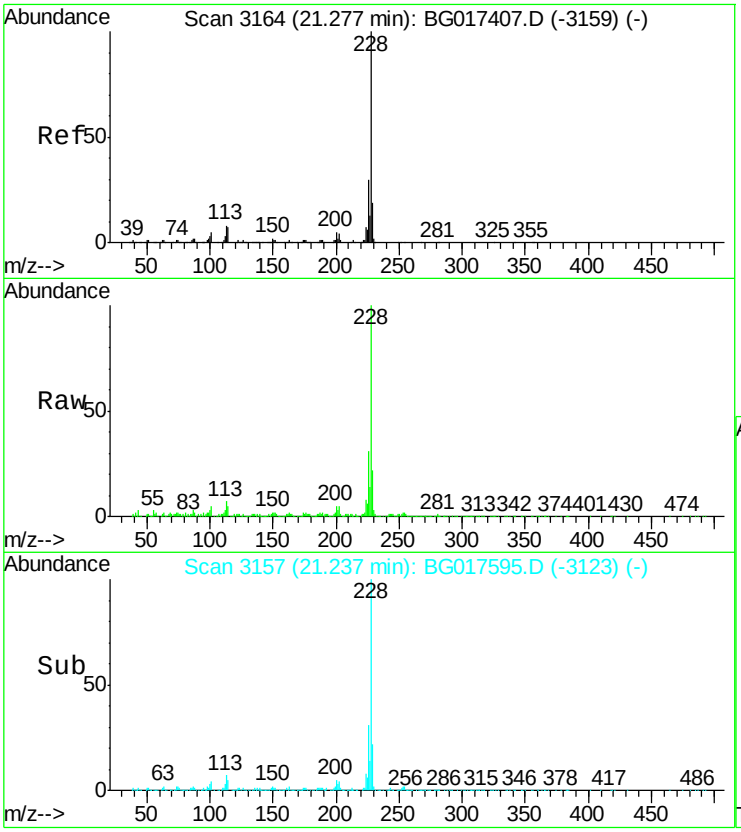


#80
Benzo(a)anthracene
Concen: 26.88 ng
RT: 21.18 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:228 Resp: 191147

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.6
229	20.0	15.7	23.5



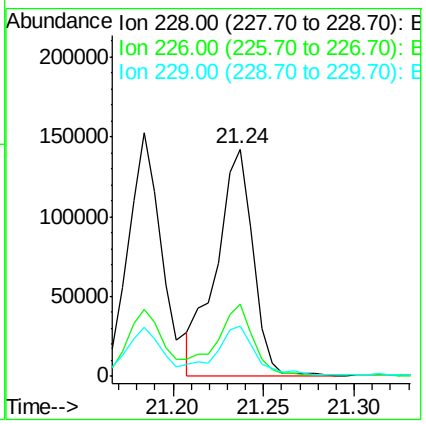


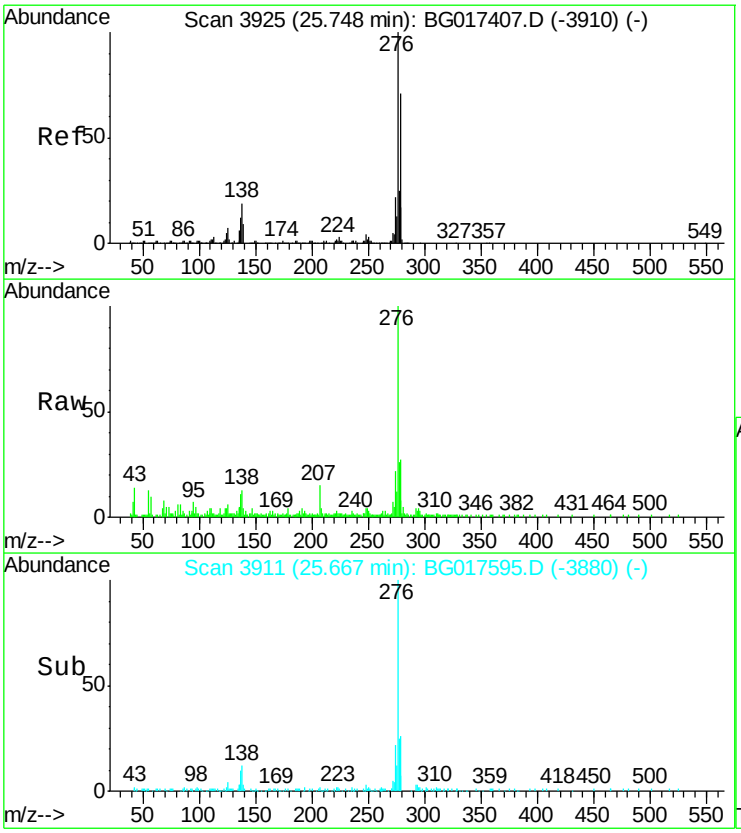
#82
Chrysene
Concen: 30.94 ng
RT: 21.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:228 Resp: 199222

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	22.3	15.2	22.8

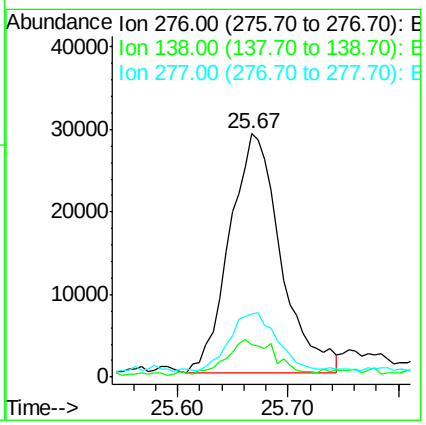


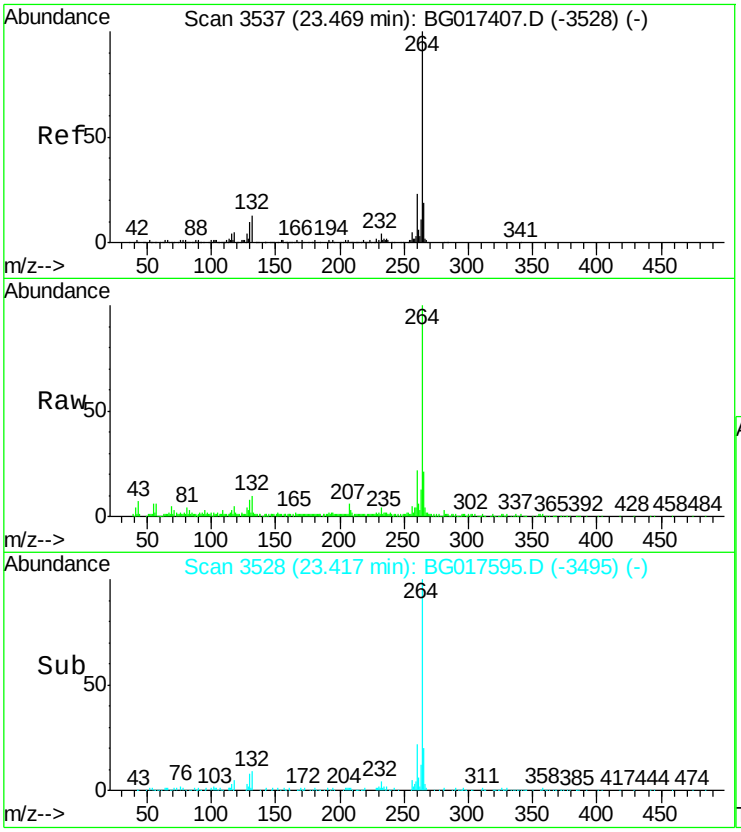


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.64 ng
RT: 25.67 min Scan# 3911
Delta R.T. -0.02 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:276 Resp: 94133

Ion	Ratio	Lower	Upper
276	100		
138	12.8	15.4	23.0#
277	22.2	20.5	30.7



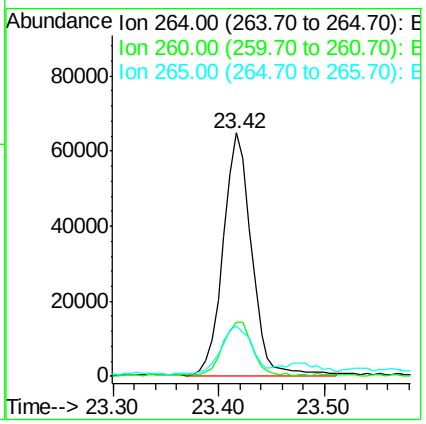


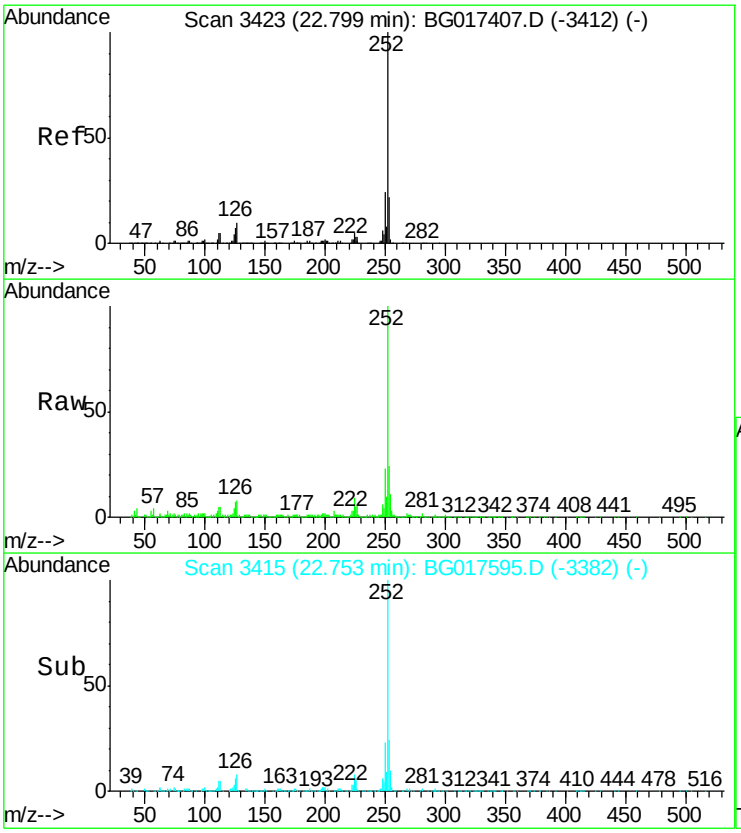
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:264 Resp: 119742

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	20.8	15.8	23.6

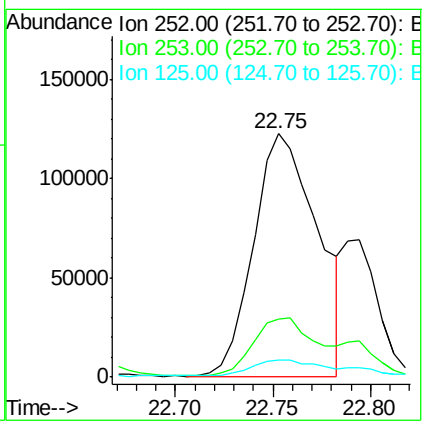


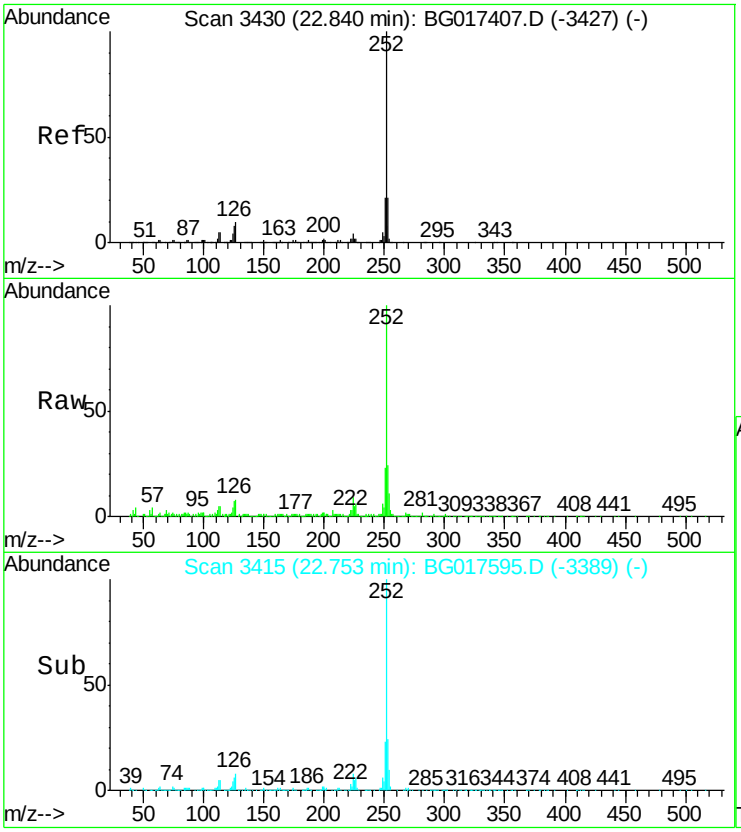


#87
Benzo(b)fluoranthene
Concen: 36.49 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:252 Resp: 276903

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	6.8	5.8	8.8



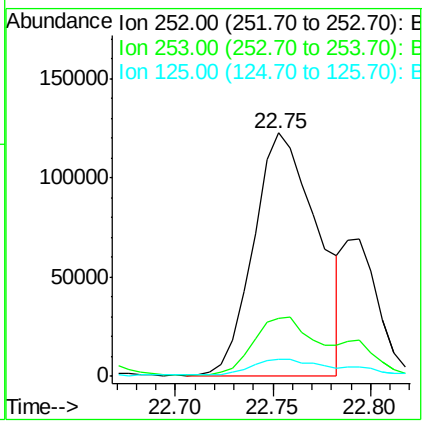


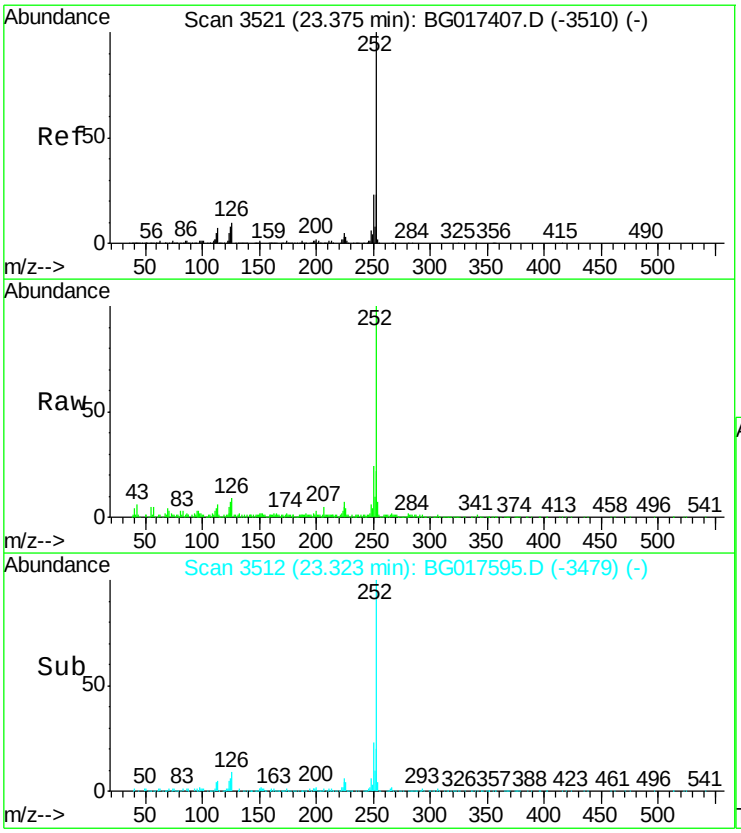
#88
Benzo(k)fluoranthene
Concen: 38.13 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.05 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:252 Resp: 276903

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	6.8	6.5	9.7

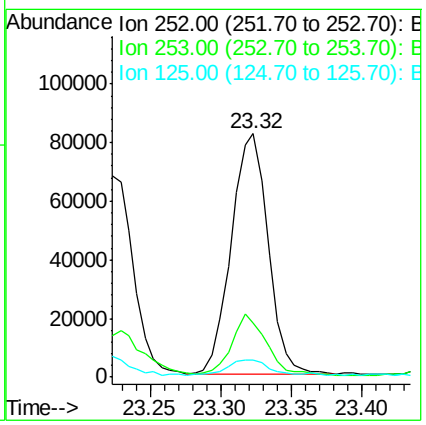


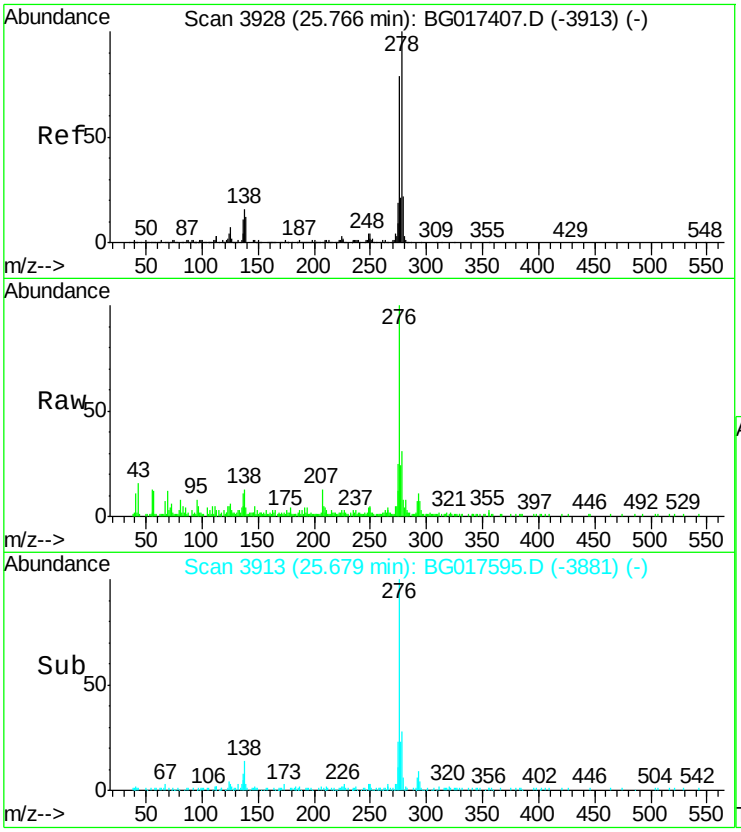


#89
Benzo(a)pyrene
Concen: 21.49 ng
RT: 23.32 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:252 Resp: 149547

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	7.2	6.5	9.7



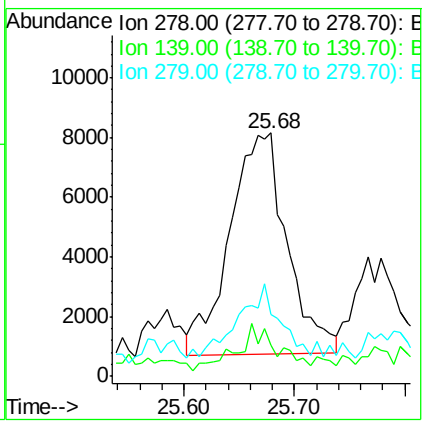


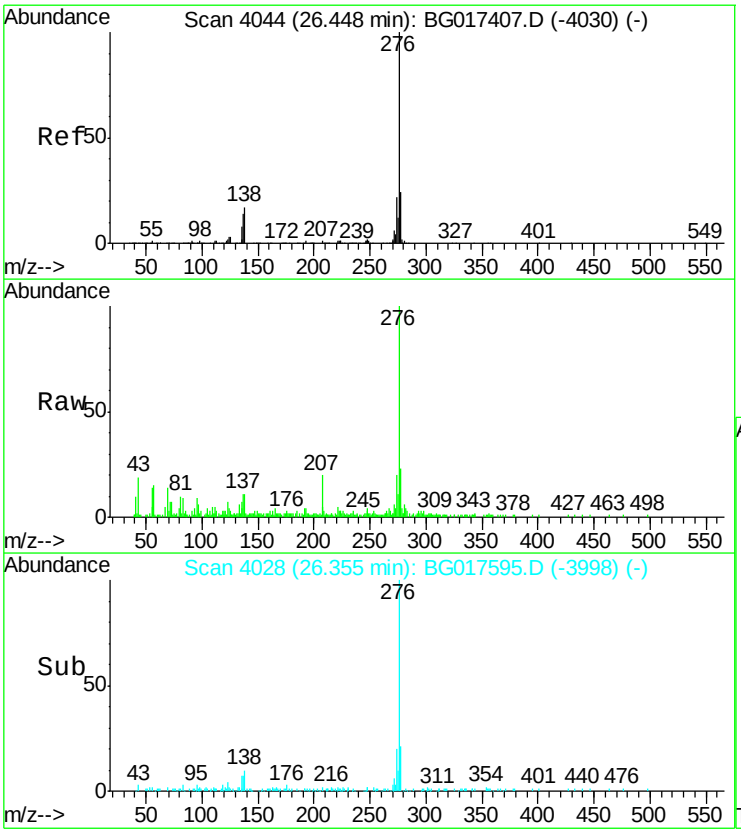
#90
Dibenzo(a,h)anthracene
Concen: 3.74 ng
RT: 25.68 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Instrument :
BNA_G
ClientSampleId :
SEC-3.4-SPDL

Tgt Ion:278 Resp: 27034

Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.4	14.0
279	25.2	17.8	26.8





#91
Benzo(g,h,i)perylene
Concen: 11.32 ng
RT: 26.35 min Scan# 4028
Delta R.T. -0.02 min
Lab File: BG017595.D
Acq: 10 Jun 2015 5:35

Tgt Ion:276 Resp: 77919

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	10.8	13.5	20.3#