Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD0

Quant Time: Apr 01 09:26:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	98974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	436787	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.40	164	244538	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	444976	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	436489	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	429249	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.86	96	109	0.05	ng/uL	-0.37
5) Phenol-d5	6.94	99	96769	10.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	55101	10.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	74087	10.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	74374	10.52	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	40036	10.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	43814	10.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	66937	10.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	60177	6.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	185395	11.47	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	252914	11.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	33447	8.21	ng/ul	0.01
57) Fluorene-d10	15.39	176	165255	10.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	13487	4.44	ng/ul	0.00
70) Anthracene-d10	17.24	188	221068	10.81	ng/ul	0.00
76) Pyrene-d10	19.53	212	217114	10.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	195932	10.12	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.61	128	74764	3.18	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	75767	4.56	ng/ul	97
40) 1,1'-Biphenyl	13.23	154	26434	1.35	ng/ul	98
49) Acenaphthene	14.46	153	138961	8.15	ng/ul	99
53) Dibenzofuran	14.80	168	235052	10.61	ng/ul	98
58) Fluorene	15.45	166	225405	11.61	ng/ul	99
69) Phenanthrene	17.19	178	1430421	56.63	ng/ul	95
71) Anthracene	17.28	178	293057	11.35	ng/ul	99
72) Carbazole	17.55	167	110048	4.41	ng/ul	98
74) Fluoranthene	19.20	202	1329298	47.34	ng/ul	97
77) Pyrene	19.57	202	1104313	40.76	ng/ul	99
80) Benzo(a)anthracene	21.30	228	535376	21.19	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	20578	1.20	ng/ul	97
82) Chrysene	21.35	228	493117	21.01	ng/ul	97
85) Benzo(b)fluoranthene	22.92	252	661216	25.79	ng/ul#	95
86) Benzo(k)fluoranthene	22.96	252	213223m	8.63	ng/ul	
88) Benzo(a)pyrene	23.51	252	468106	19.15	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.95	276	261080	9.14	ng/ul	93
90) Dibenzo(a,h)anthracene	25.95	278	66498	2.79	ng/ul#	80
91) Benzo(g,h,i)perylene	26.67	276	202369	8.66	ng/ul	96

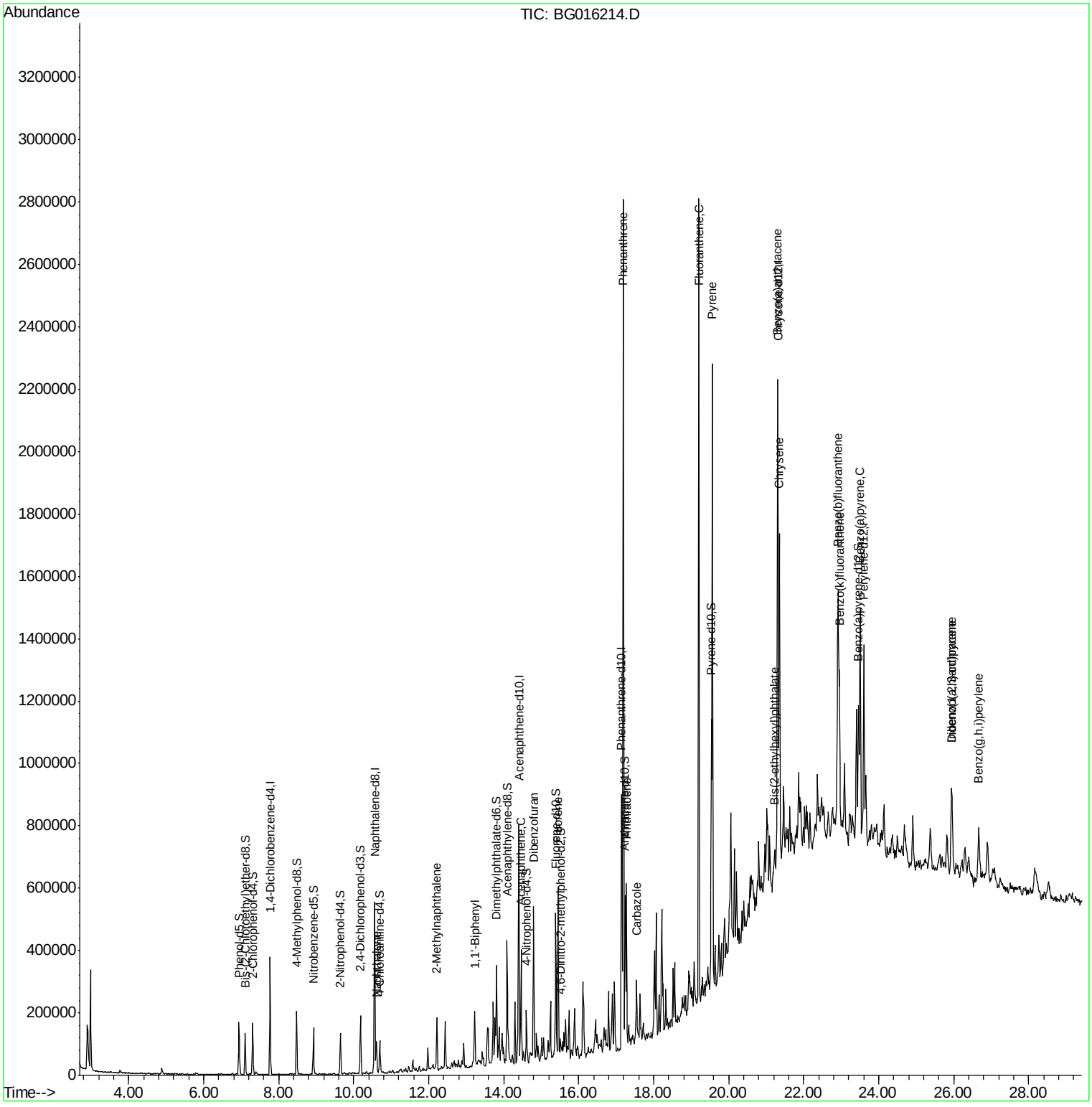
(#) = qualifier out of range (m) = manual integration (+) = signals summed

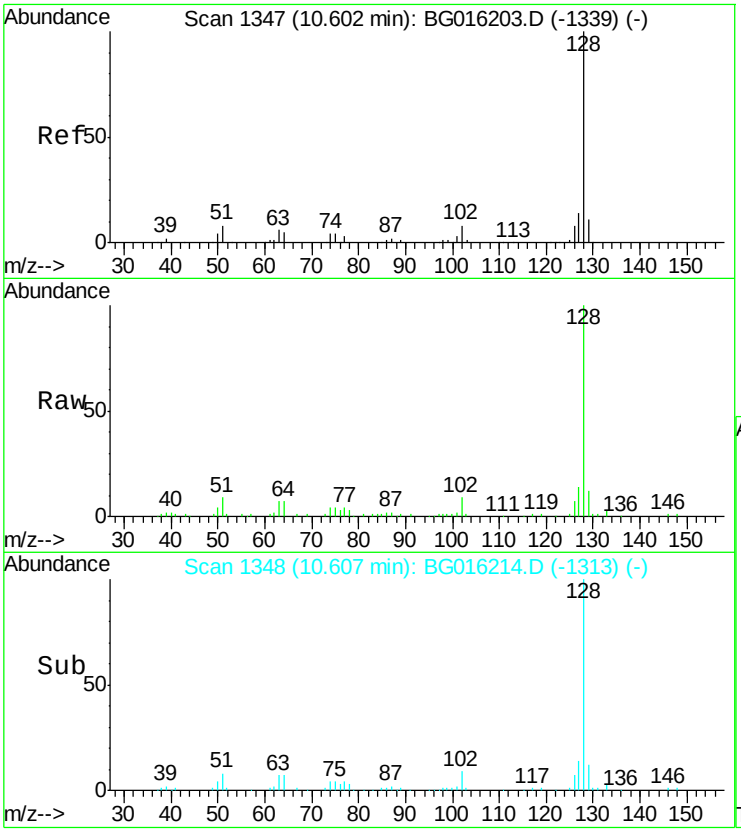
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD0

Quant Time: Apr 01 09:26:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



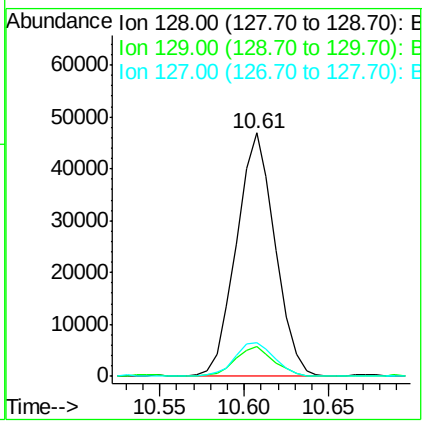


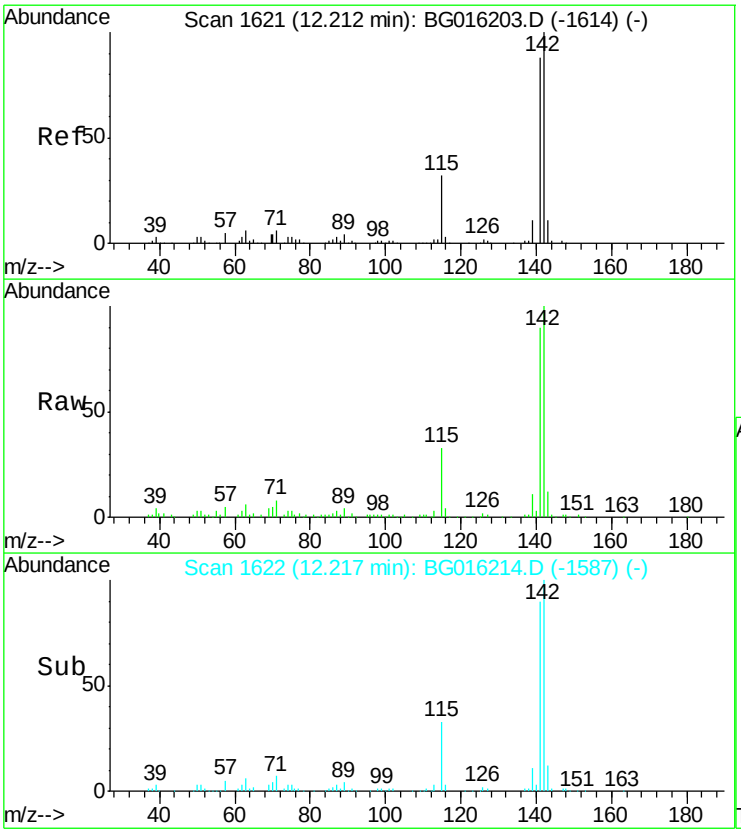
#28
Naphthalene
Concen: 3.18 ng/ul
RT: 10.61 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:128 Resp: 74764

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.2	13.8
127	14.0	11.4	17.0

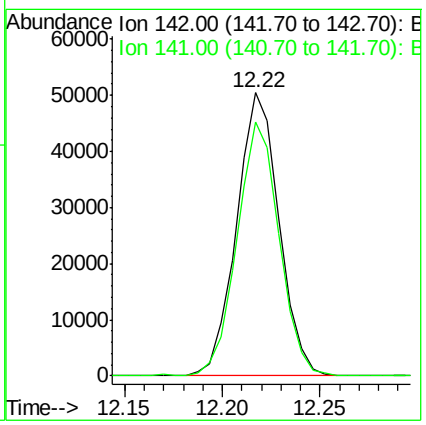


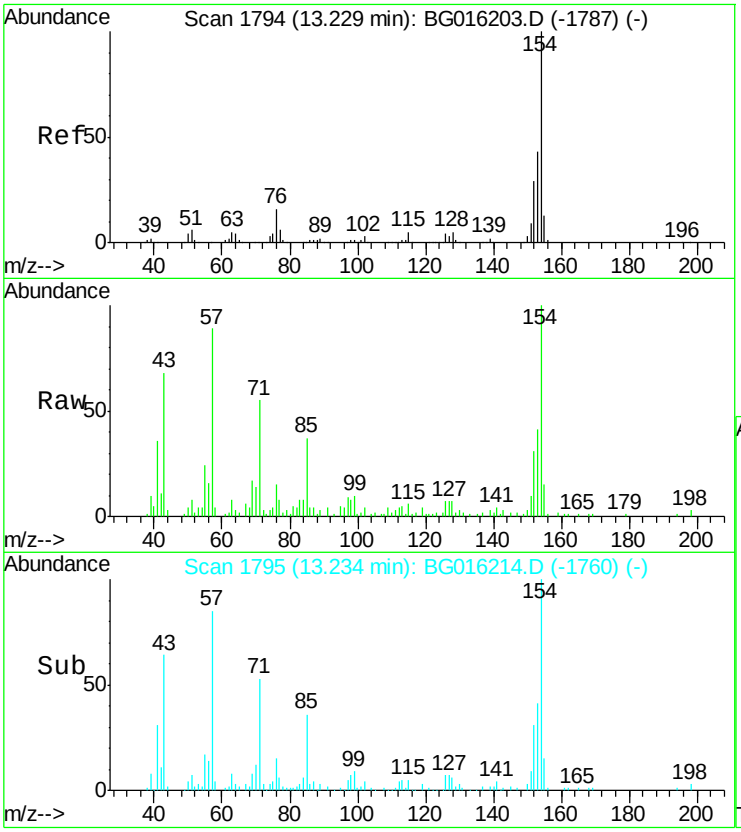


#34
2-Methylnaphthalene
Concen: 4.56 ng/ul
RT: 12.22 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:142 Resp: 75767

Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.7	104.5



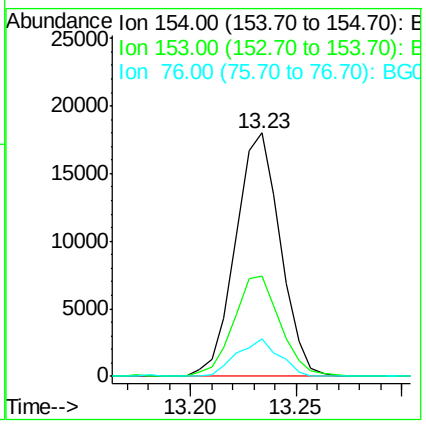


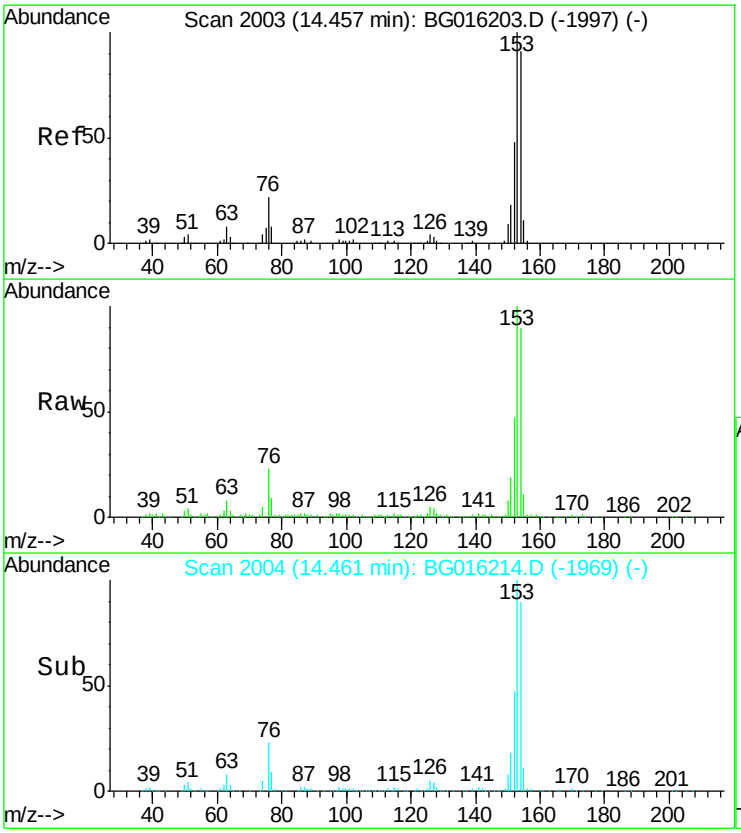
#40
1,1'-Biphenyl
Concen: 1.35 ng/ul
RT: 13.23 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:154 Resp: 26434

Ion	Ratio	Lower	Upper
154	100		
153	41.4	34.5	51.7
76	15.3	11.8	17.8

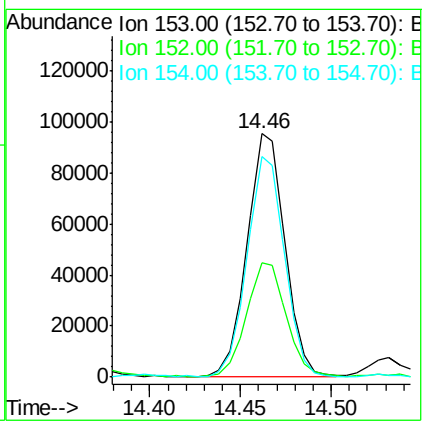


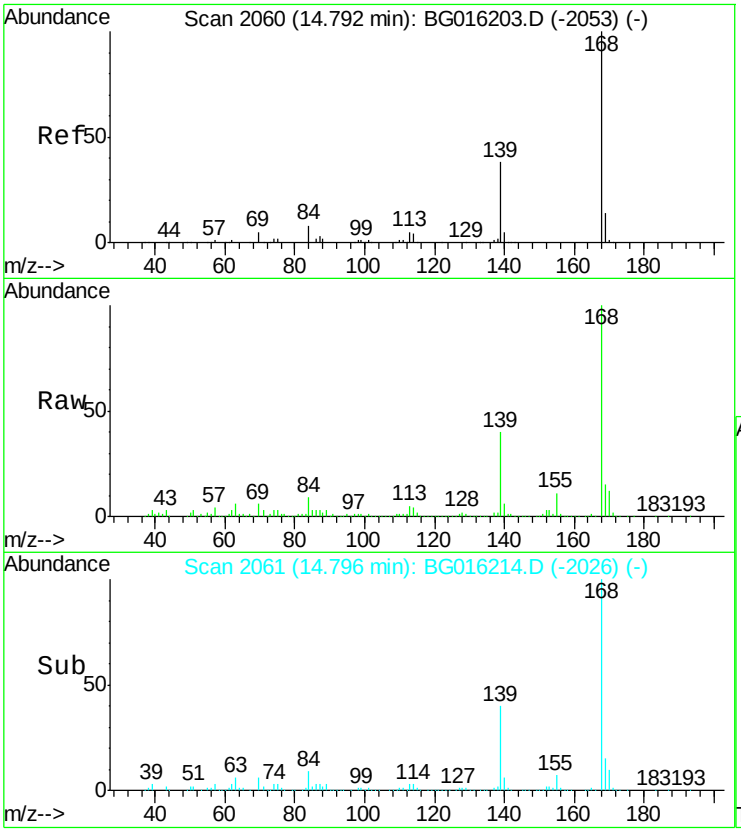


#49
Acenaphthene
Concen: 8.15 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:153 Resp: 138961

Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.0	58.4
154	90.4	72.5	108.7



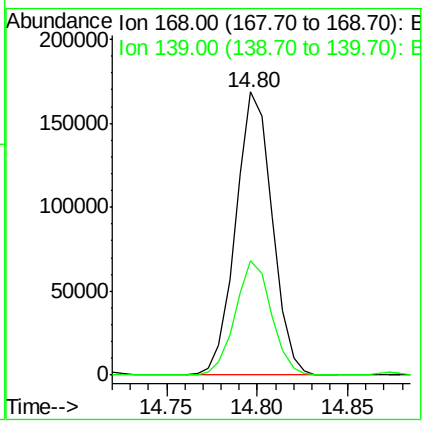


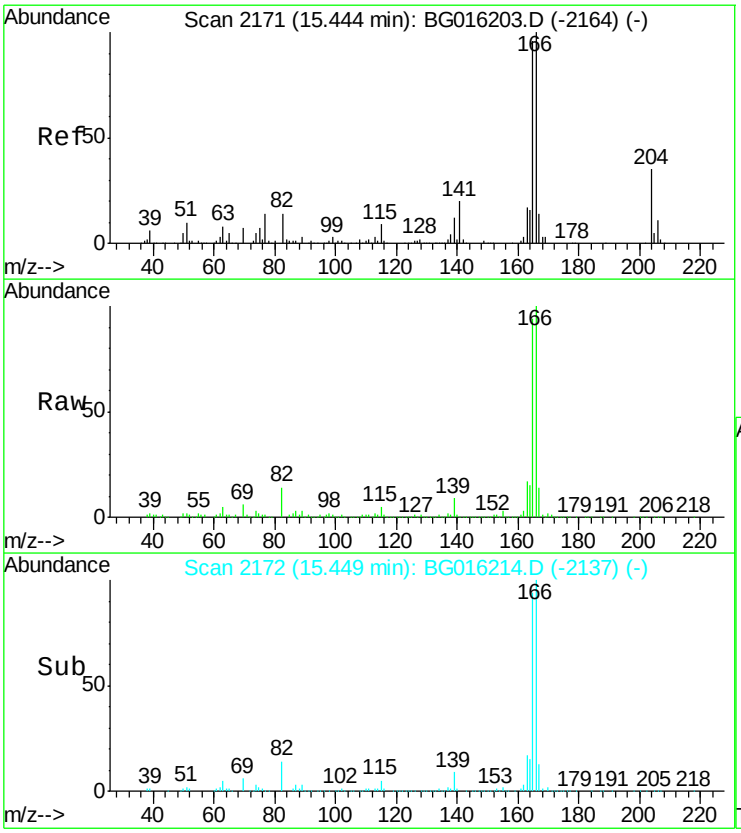
#53
Dibenzofuran
Concen: 10.61 ng/ul
RT: 14.80 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:168 Resp: 235052

Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.4	47.0

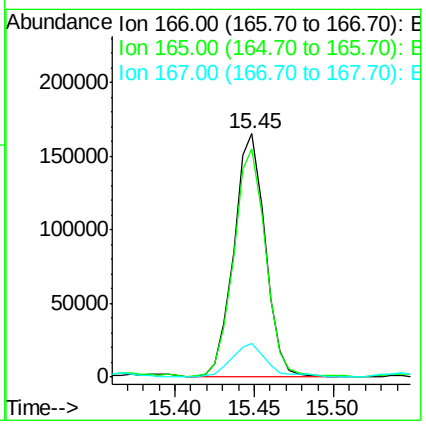


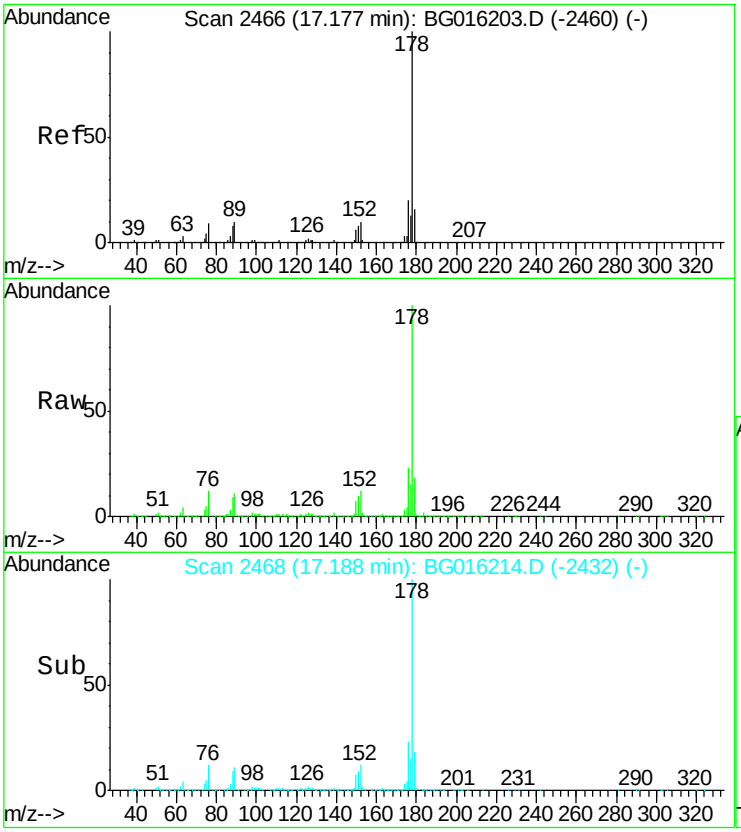


#58
Fluorene
Concen: 11.61 ng/ul
RT: 15.45 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:166 Resp: 225405

Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.6	113.4
167	13.7	10.7	16.1



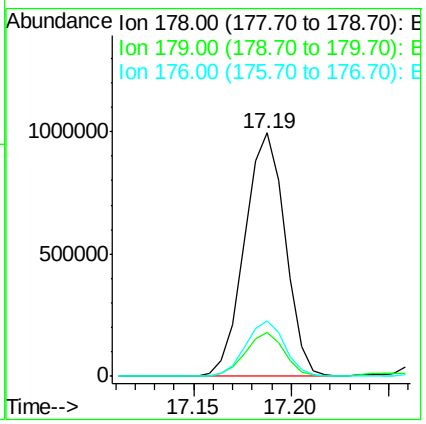


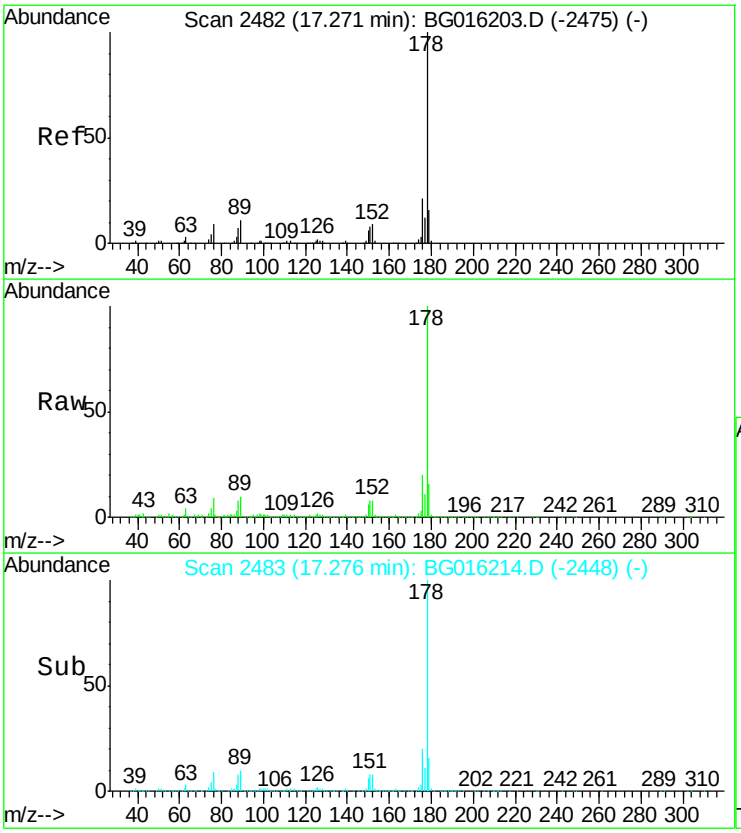
#69
Phenanthrene
Concen: 56.63 ng/ul
RT: 17.19 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:178 Resp: 1430421

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.6	19.0
176	22.8	16.6	24.8

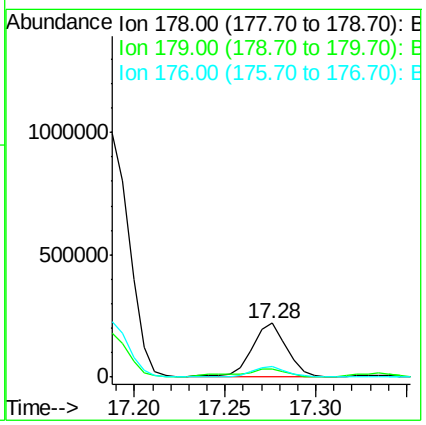


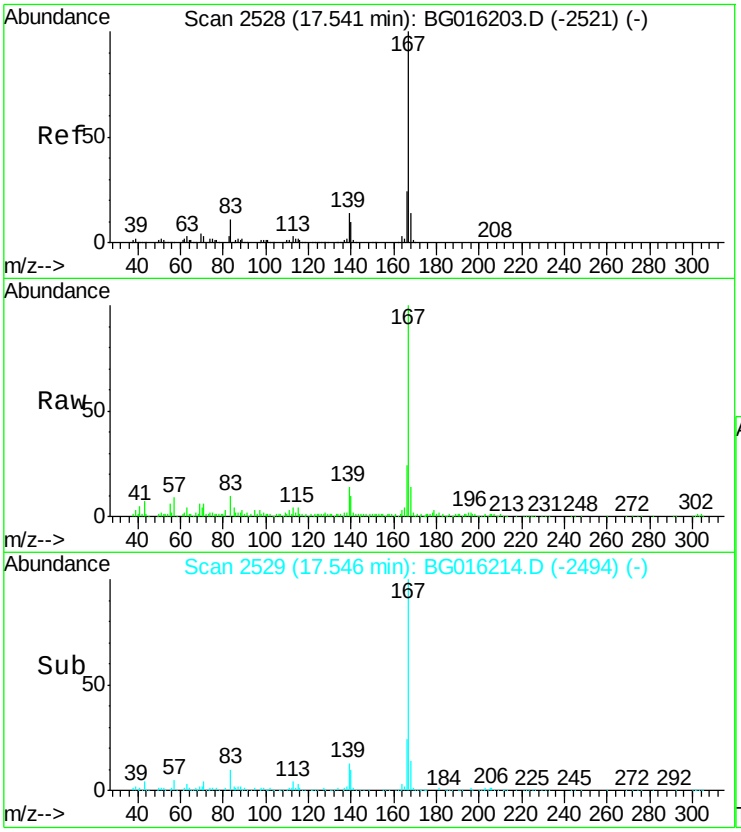


#71
Anthracene
Concen: 11.35 ng/ul
RT: 17.28 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:178 Resp: 293057

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	19.8	15.9	23.9



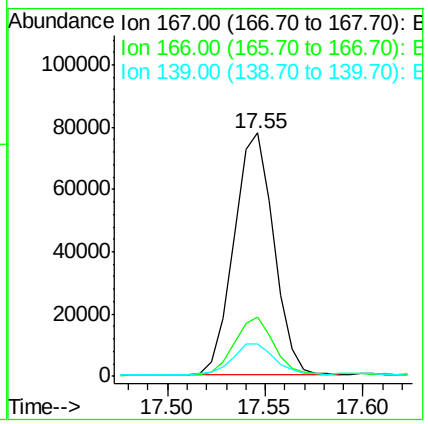


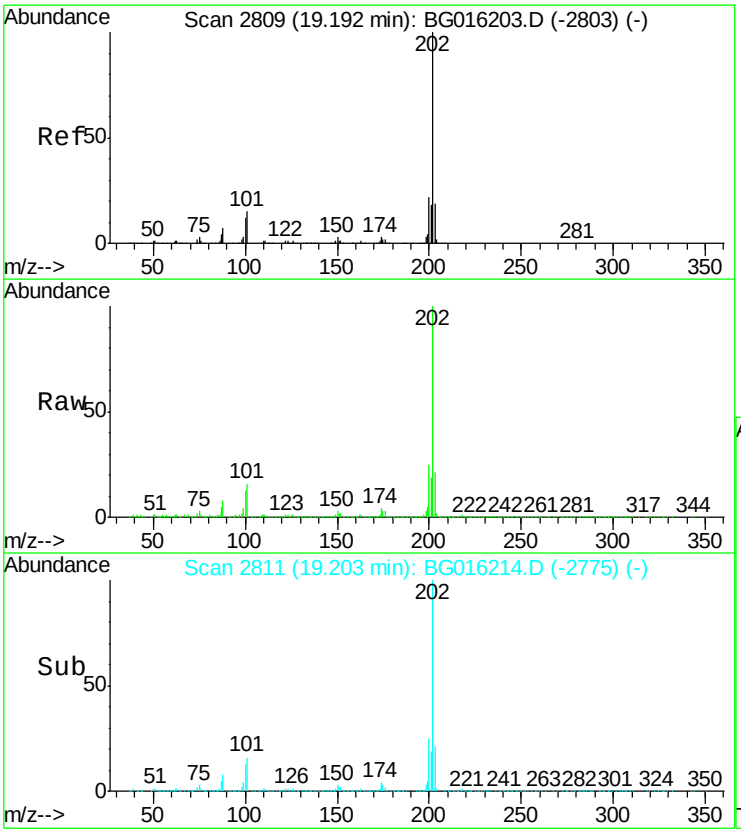
#72
Carbazole
Concen: 4.41 ng/ul
RT: 17.55 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:167 Resp: 110048

Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.4	27.6
139	13.5	10.7	16.1

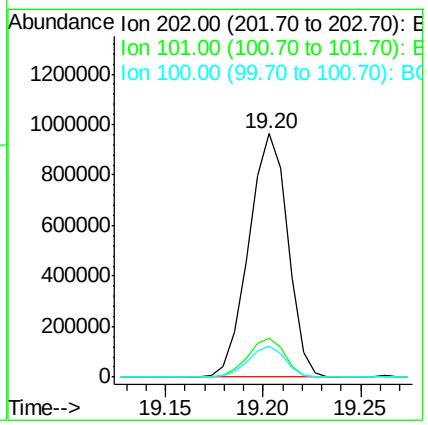


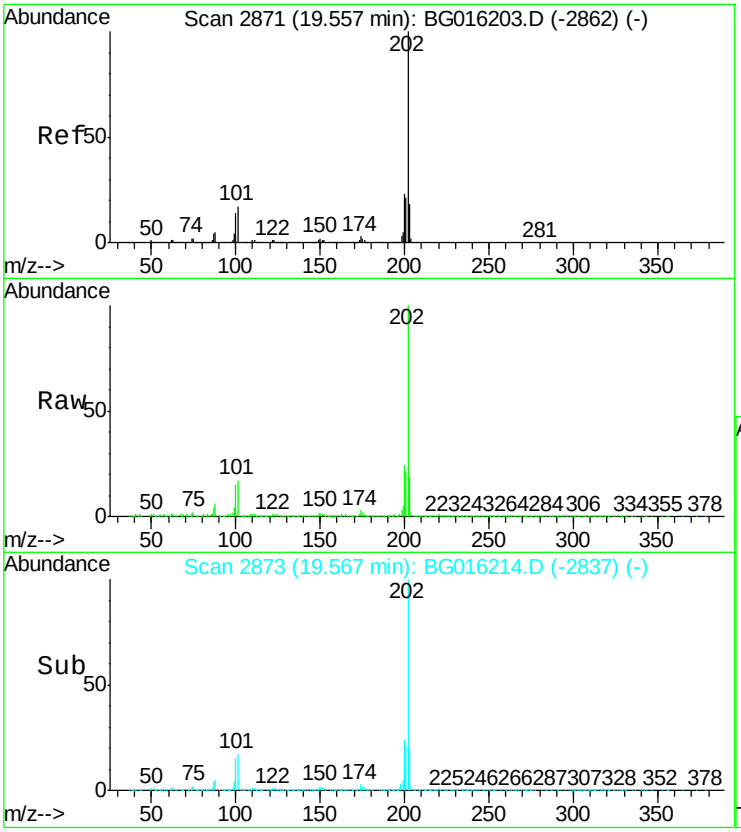


#74
Fluoranthene
Concen: 47.34 ng/ul
RT: 19.20 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:202 Resp: 1329298

Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.8	17.8
100	12.6	9.4	14.0



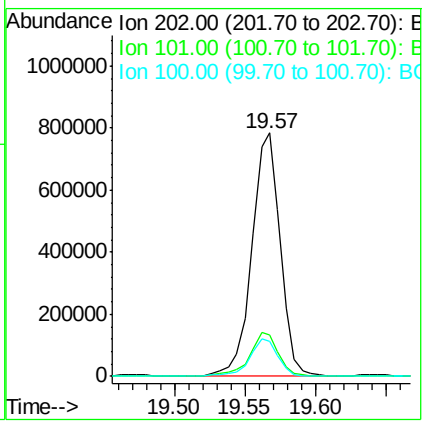


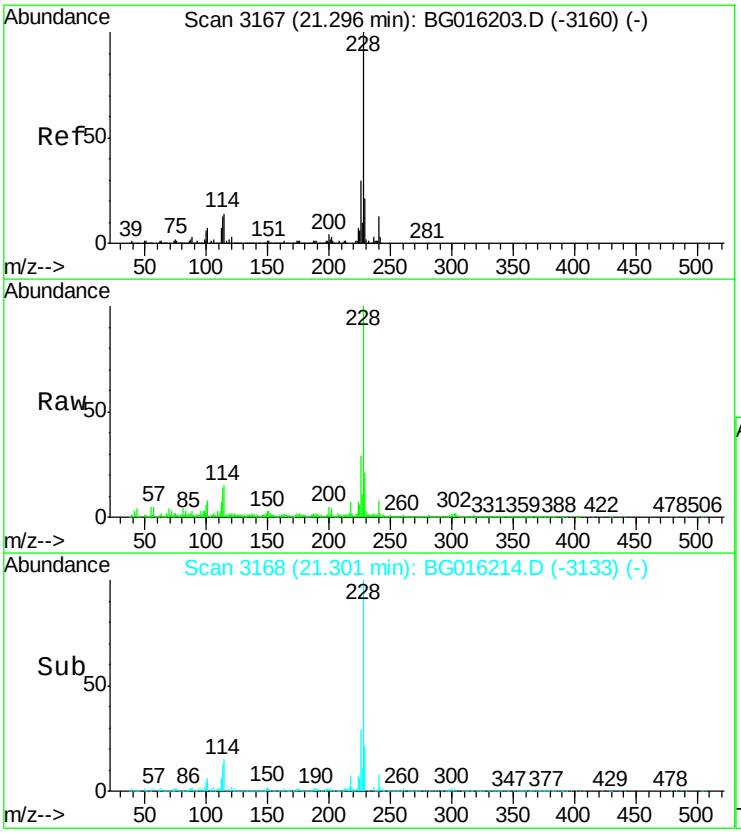
#77
Pyrene
Concen: 40.76 ng/ul
RT: 19.57 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:202 Resp: 1104313

Ion	Ratio	Lower	Upper
202	100		
101	17.0	13.4	20.0
100	14.5	11.1	16.7

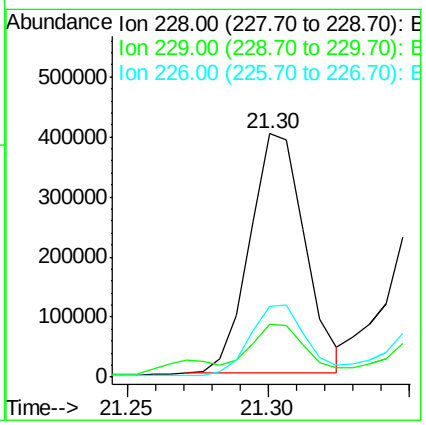


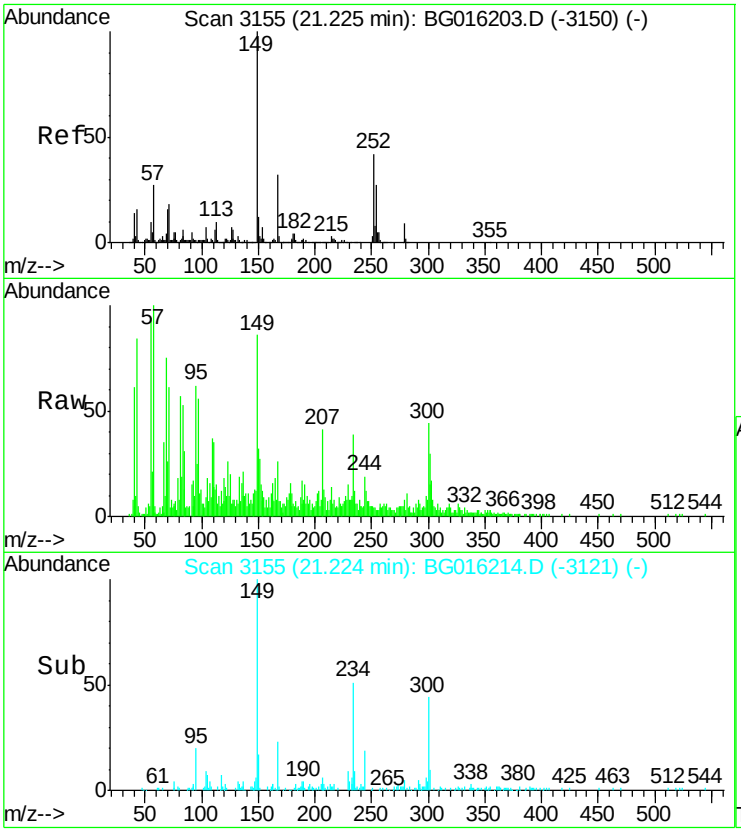


#80
Benzo(a)anthracene
Concen: 21.19 ng/ul
RT: 21.30 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:228 Resp: 535376

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.5	24.7
226	29.3	23.0	34.4



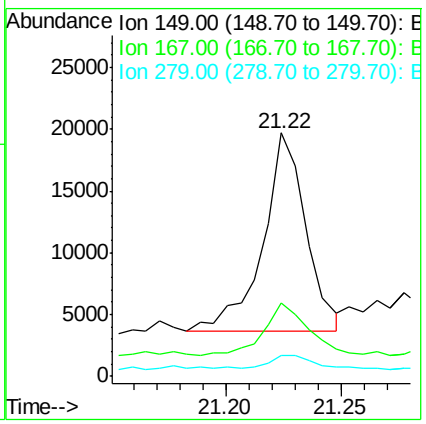


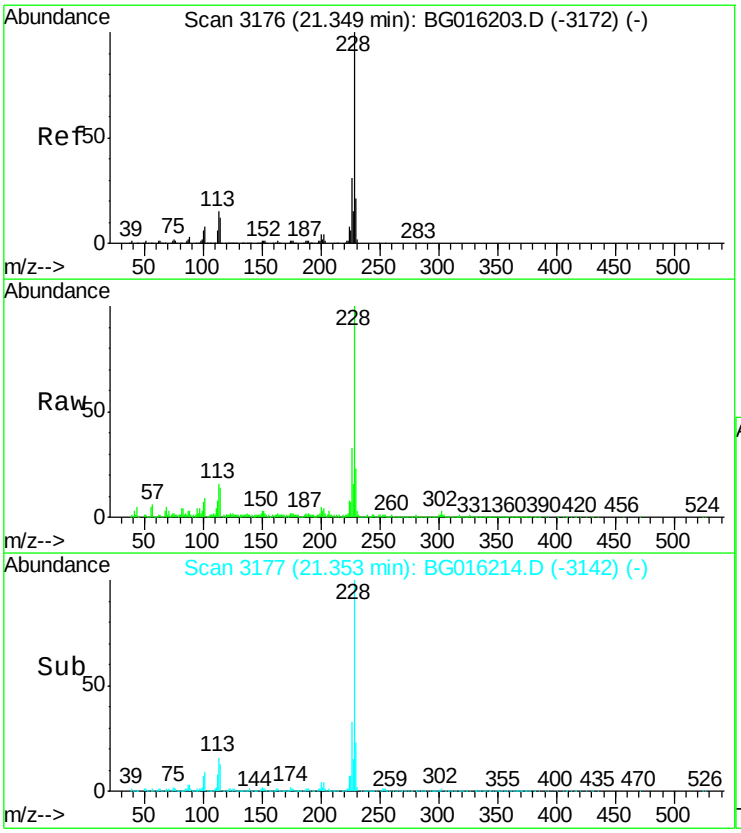
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.20 ng/ul
RT: 21.22 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:149 Resp: 20578

Ion	Ratio	Lower	Upper
149	100		
167	30.0	25.2	37.8
279	8.8	6.1	9.1

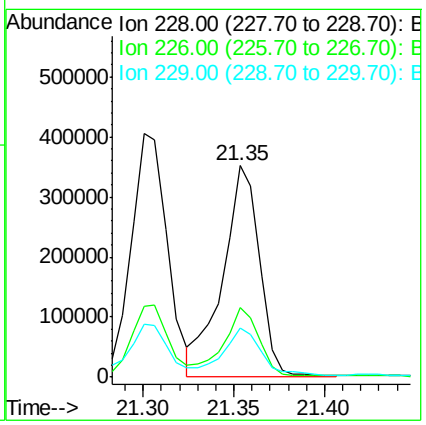


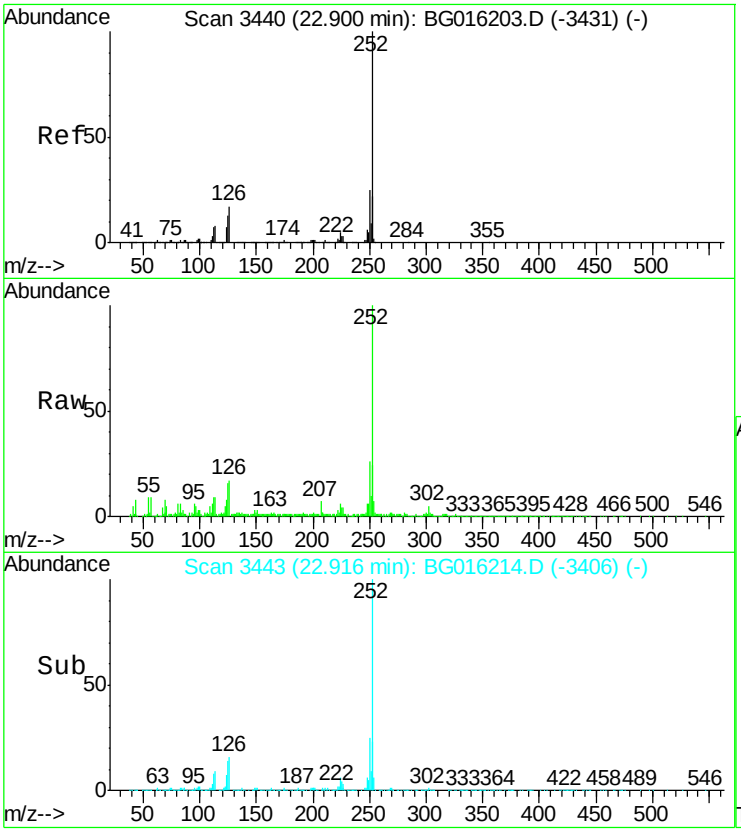


#82
Chrysene
Concen: 21.01 ng/ul
RT: 21.35 min Scan# 3177
Delta R.T. 0.00 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:228 Resp: 493117

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.4	38.0
229	23.3	16.5	24.7



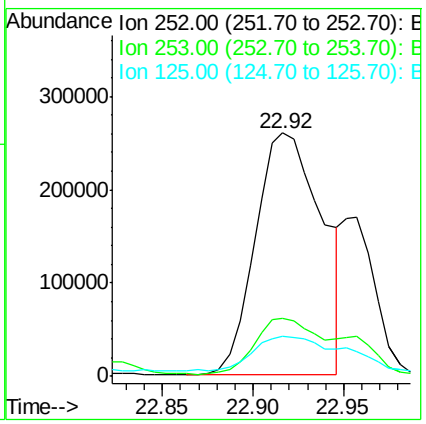


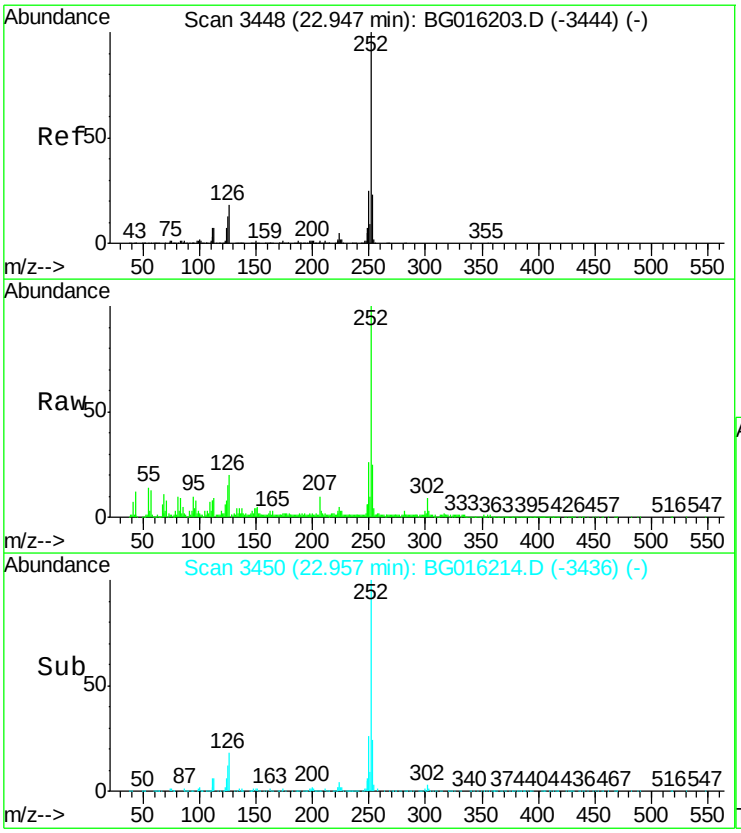
#85
Benzo(b)fluoranthene
Concen: 25.79 ng/ul
RT: 22.92 min Scan# 3443
Delta R.T. 0.02 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:252 Resp: 661216

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	16.4	10.6	15.8#

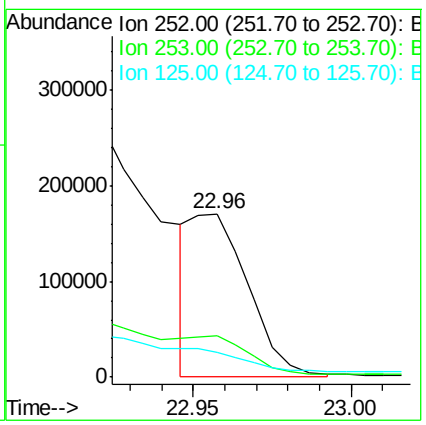


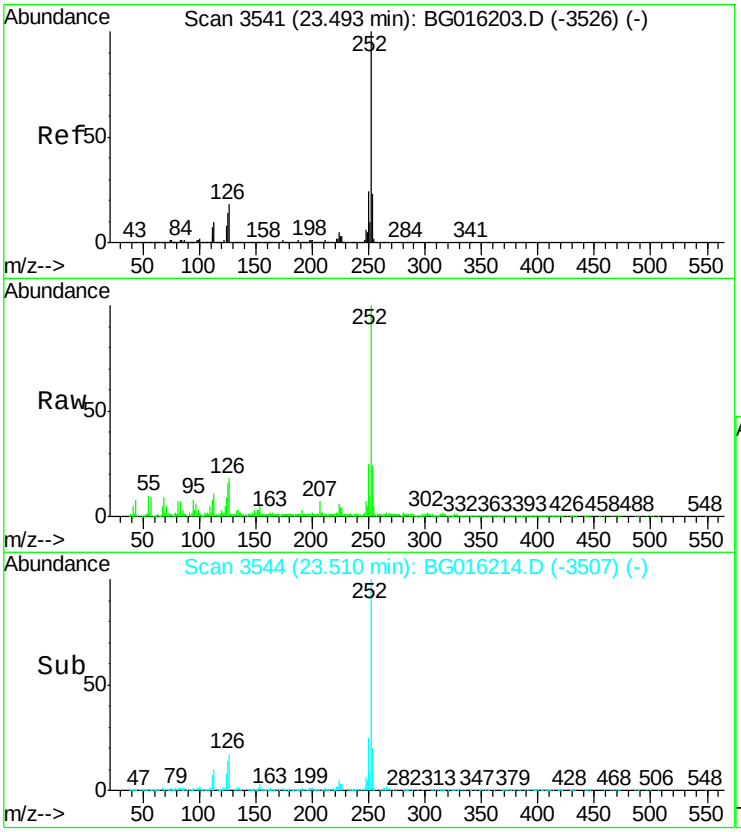


#86
Benzo(k)fluoranthene
Concen: 8.63 ng/ul m
RT: 22.96 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:252 Resp: 213223

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.6	28.0
125	15.3	11.8	17.6



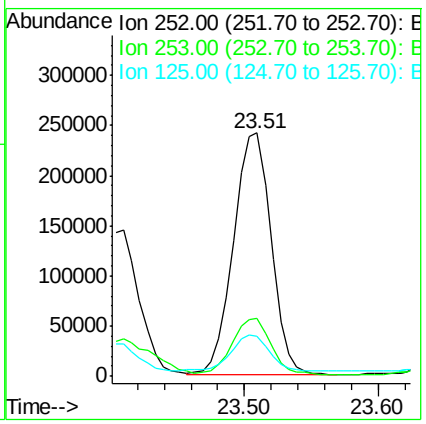


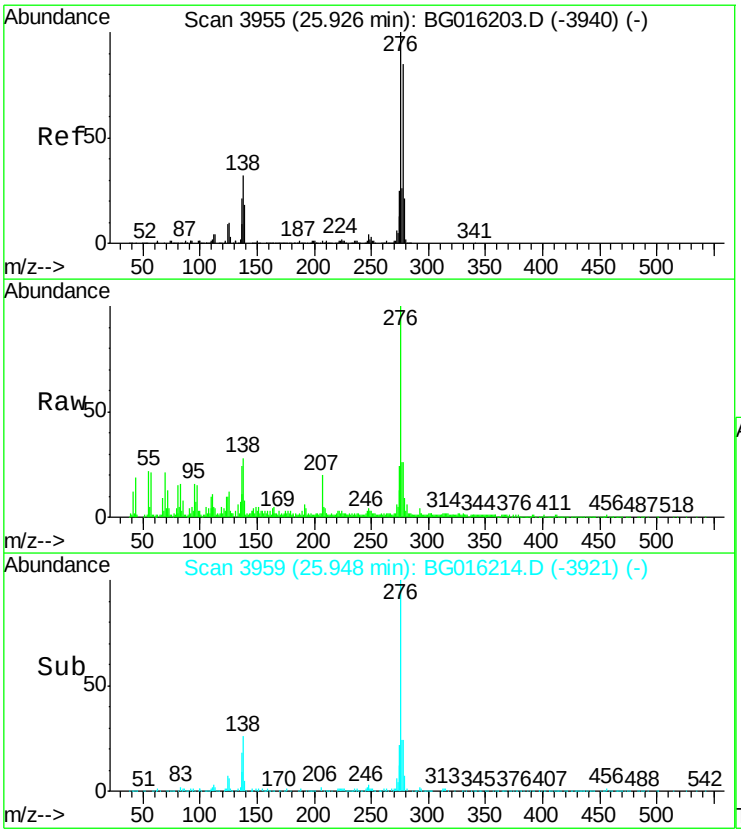
#88
Benzo(a)pyrene
Concen: 19.15 ng/ul
RT: 23.51 min Scan# 3544
Delta R.T. 0.02 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:252 Resp: 468106

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	16.4	12.1	18.1

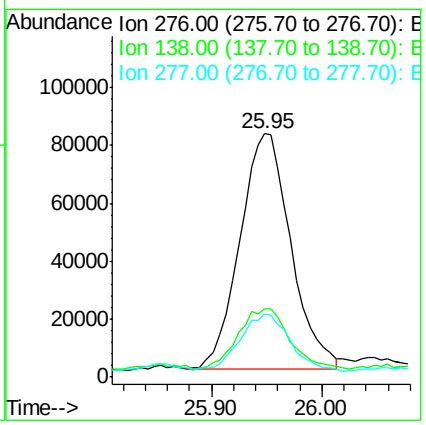


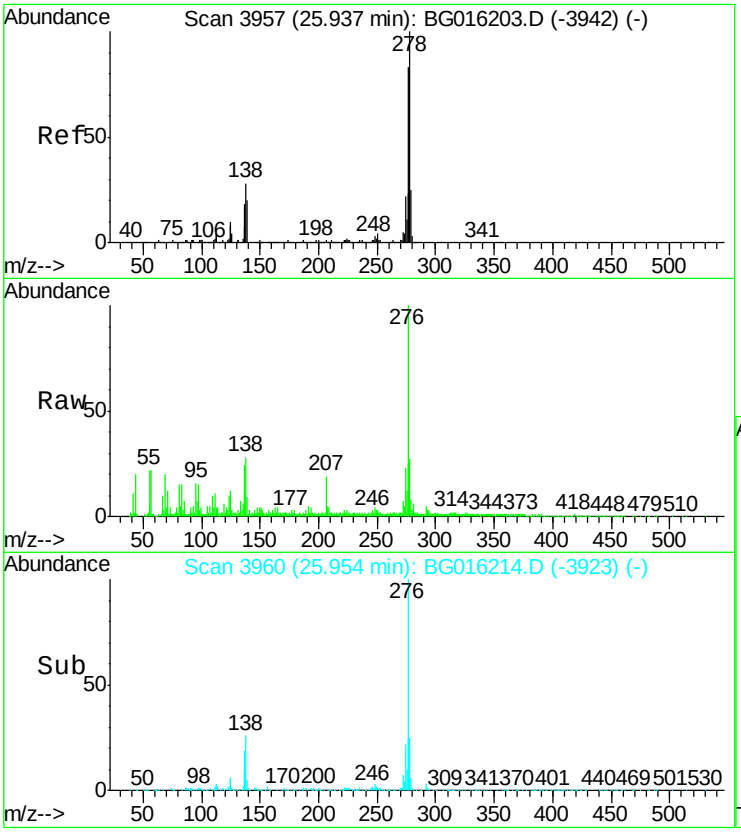


#89
Indeno(1,2,3-cd)pyrene
Concen: 9.14 ng/ul
RT: 25.95 min Scan# 3959
Delta R.T. 0.02 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:276 Resp: 261080

Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.0	40.6
277	25.8	21.8	32.6



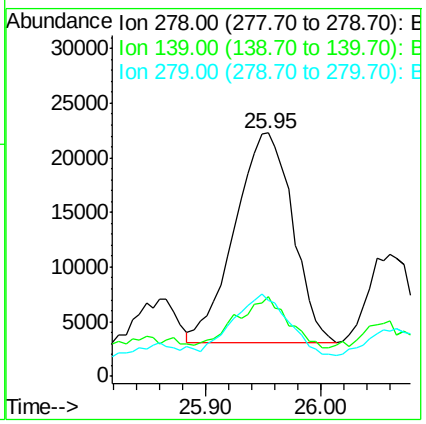


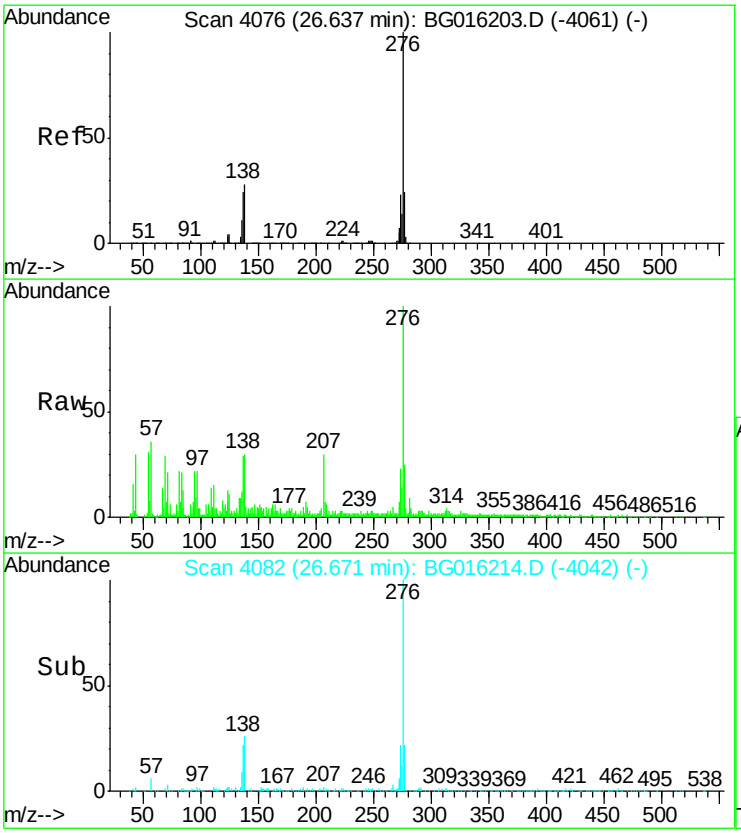
#90
Dibenzo(a,h)anthracene
Concen: 2.79 ng/ul
RT: 25.95 min Scan# 3960
Delta R.T. 0.02 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:278 Resp: 66498

Ion	Ratio	Lower	Upper
278	100		
139	33.0	16.5	24.7#
279	31.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.66 ng/ul
RT: 26.67 min Scan# 4082
Delta R.T. 0.03 min
Lab File: BG016214.D
Acq: 31 Mar 2015 23:31

Tgt Ion:276 Resp: 202369

Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.0	31.6
277	24.8	19.2	28.8