Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019679.D
Acq On : 18 Nov 2015 3:23
Operator : UM/NP
Sample : G4427-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 18 04:10:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	24928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	114568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	100663	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	270239	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	335403	20.00	ng/ul	0.00
86) Perylene-d12	25.12	264	334304	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1989	3.41	ng/uL	0.00
5) Phenol-d5	7.29	99	51011	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	33309	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	30976	18.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	41518	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	17776	18.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	20714	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	41572	18.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	42547	19.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	162206	17.82	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	170769	17.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	22106	15.41	ng/ul	0.00
58) Fluorene-d10	15.77	176	143289	17.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	17120	9.81	ng/ul	0.00
71) Anthracene-d10	17.62	188	241742	18.42	ng/ul	0.00
79) Pyrene-d10	19.90	212	275219	18.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.89	264	321520	18.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.32	94	4521	1.64	ng/ul	97
28) Naphthalene	11.03	128	29937	4.84	ng/ul	98
30) 4-Chloroaniline	11.03	127	3892	1.72	ng/ul#	1
45) Dimethylphthalate	14.22	163	123552	13.69	ng/ul	99
48) Acenaphthylene	14.51	152	24459	2.48	ng/ul	96
50) Acenaphthene	14.85	153	21925	3.25	ng/ul	97
54) Dibenzofuran	15.18	168	10662	1.08	ng/ul	97
59) Fluorene	15.83	166	25251	2.92	ng/ul#	97
70) Phenanthrene	17.57	178	316974	21.92	ng/ul	99
72) Anthracene	17.66	178	115305	7.91	ng/ul	98
77) Fluoranthene	19.71	202	147730	8.01	ng/ul	100
80) Pyrene	19.93	202	1088143	55.55	ng/ul	99
83) Benzo(a)anthracene	21.77	228	703445	34.60	ng/ul	96
85) Chrysene	21.84	228	543018	28.37	ng/ul	99
88) Benzo(b)fluoranthene	24.06	252	679762	33.00	ng/ul	99
89) Benzo(k)fluoranthene	24.06	252	679762	34.21	ng/ul	99
91) Benzo(a)pyrene	24.96	252	541725	27.32	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.92	276	306421	13.81	ng/ul	97
93) Dibenzo(a,h)anthracene	28.96	278	79402	4.35	ng/ul#	91
94) Benzo(g,h,i)perylene	30.11	276	233350	12.67	ng/ul	98

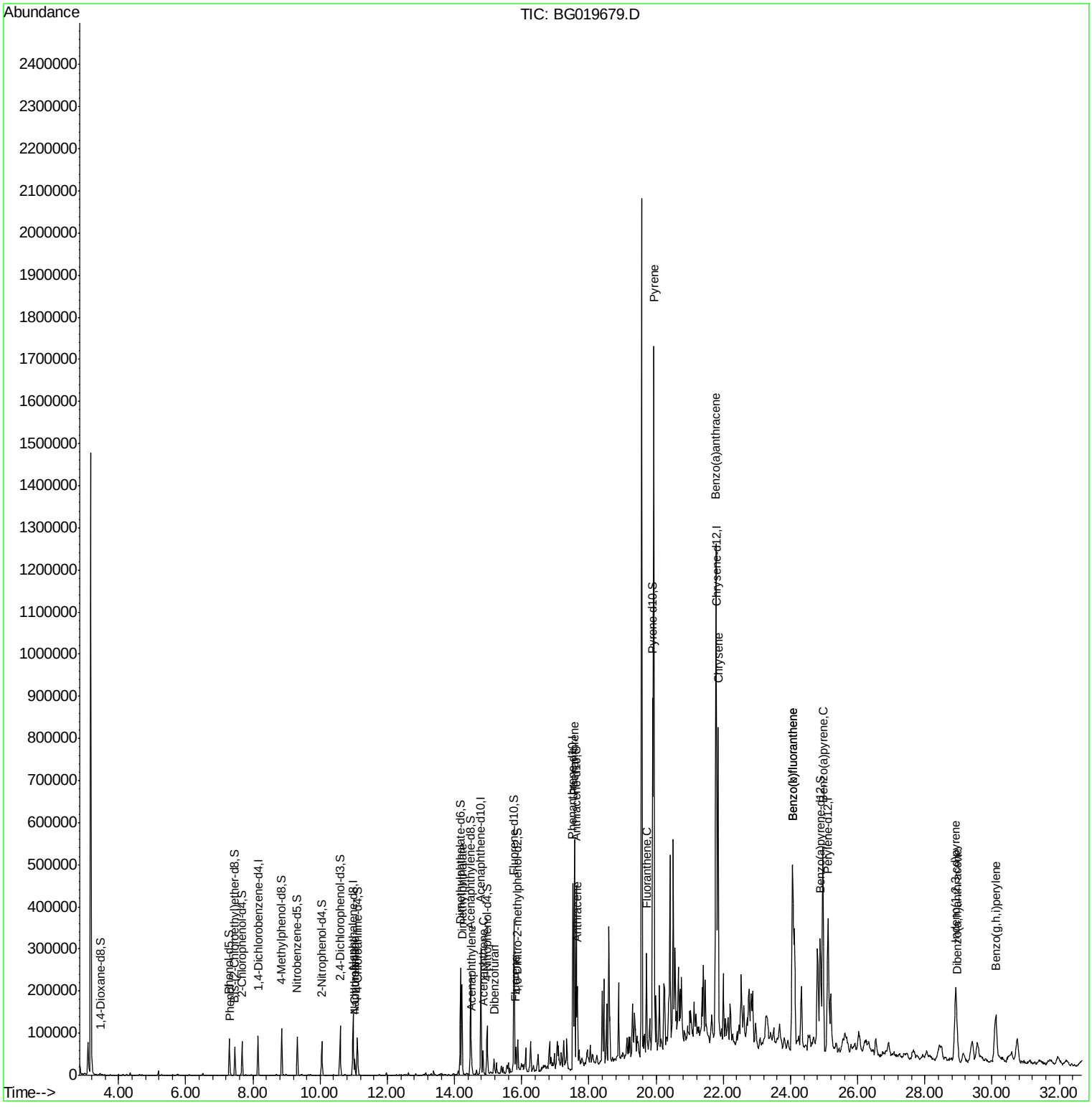
(#) = qualifier out of range (m) = manual integration (+) = signals summed

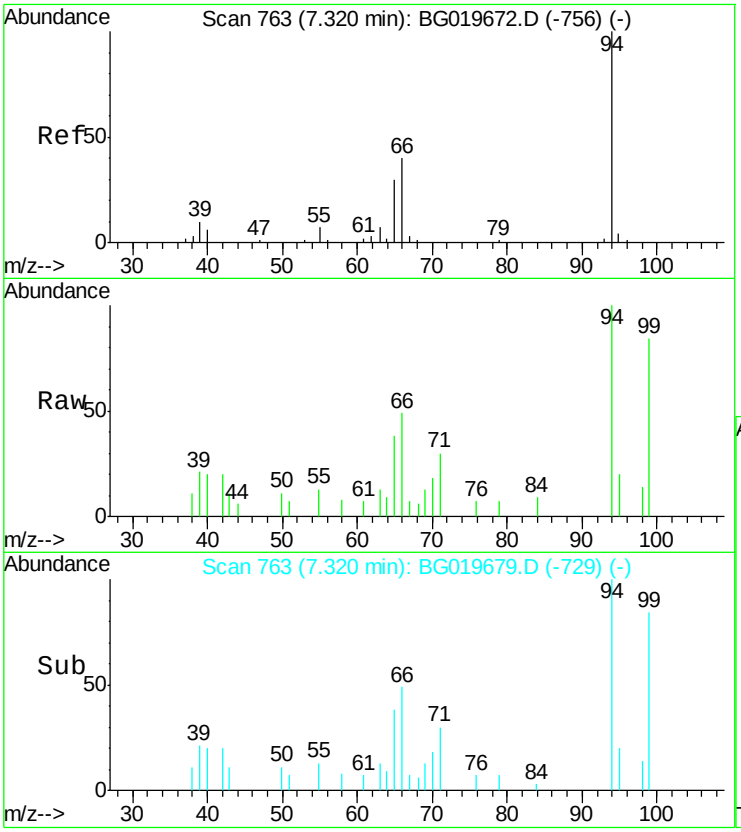
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019679.D
Acq On : 18 Nov 2015 3:23
Operator : UM/NP
Sample : G4427-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 18 04:10:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration



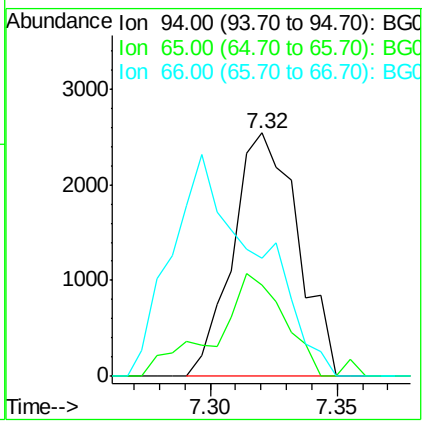


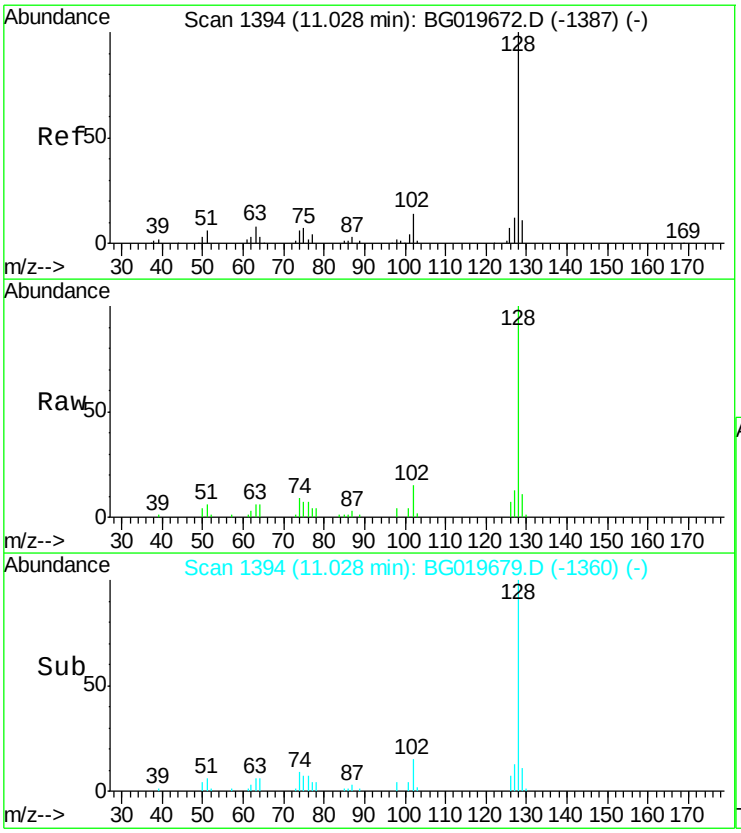
#6
Phenol
Concen: 1.64 ng/ul
RT: 7.32 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 4521

Ion	Ratio	Lower	Upper
94	100		
65	37.7	27.4	41.0
66	48.7	39.0	58.6

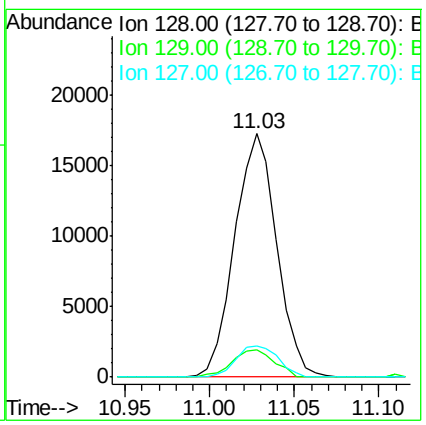


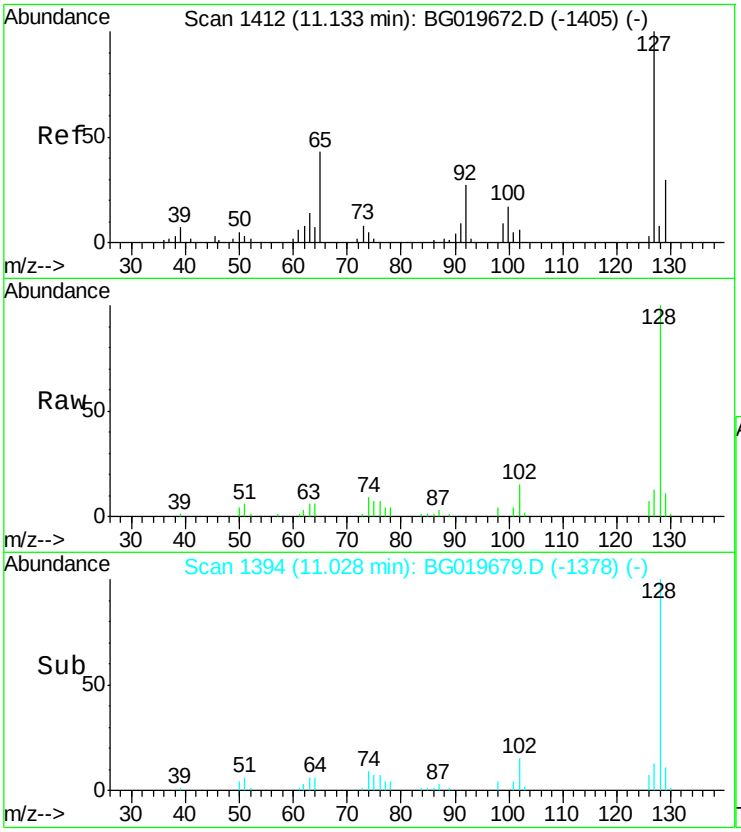


#28
Naphthalene
Concen: 4.84 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:128 Resp: 29937

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.1	12.1
127	12.8	10.0	15.0



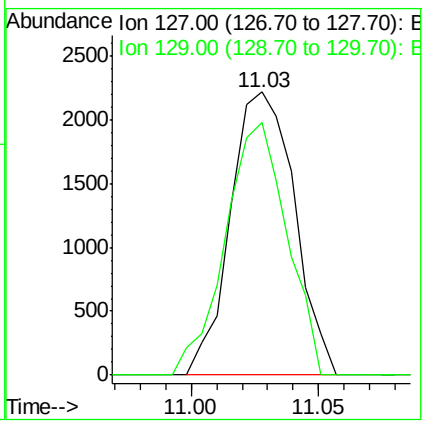


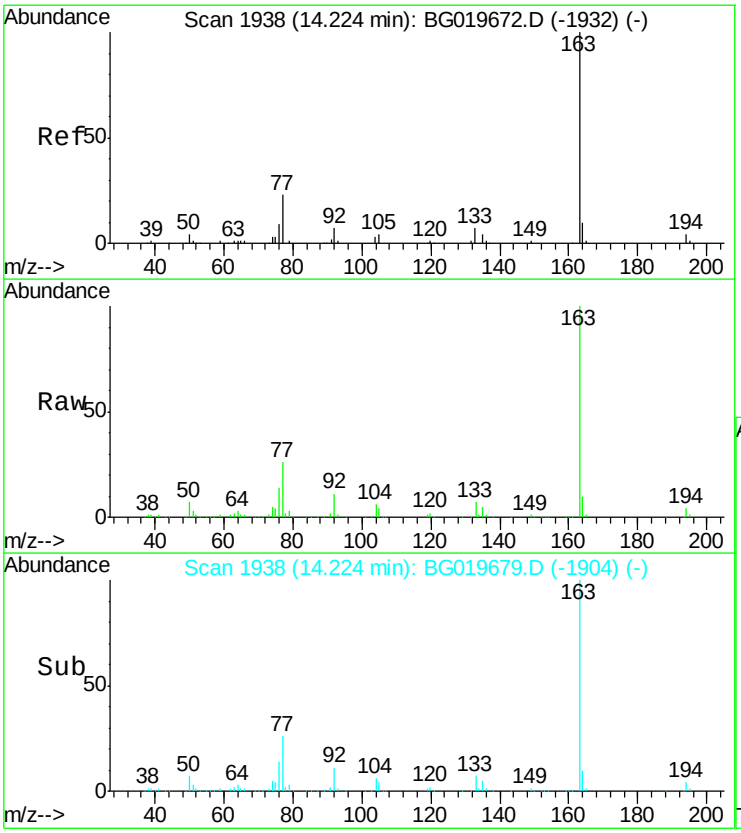
#30
4-Chloroaniline
Concen: 1.72 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.11 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 3892

Ion	Ratio	Lower	Upper
127	100		
129	89.1	24.2	36.4#

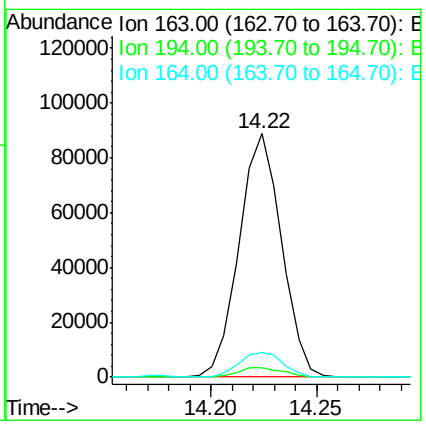


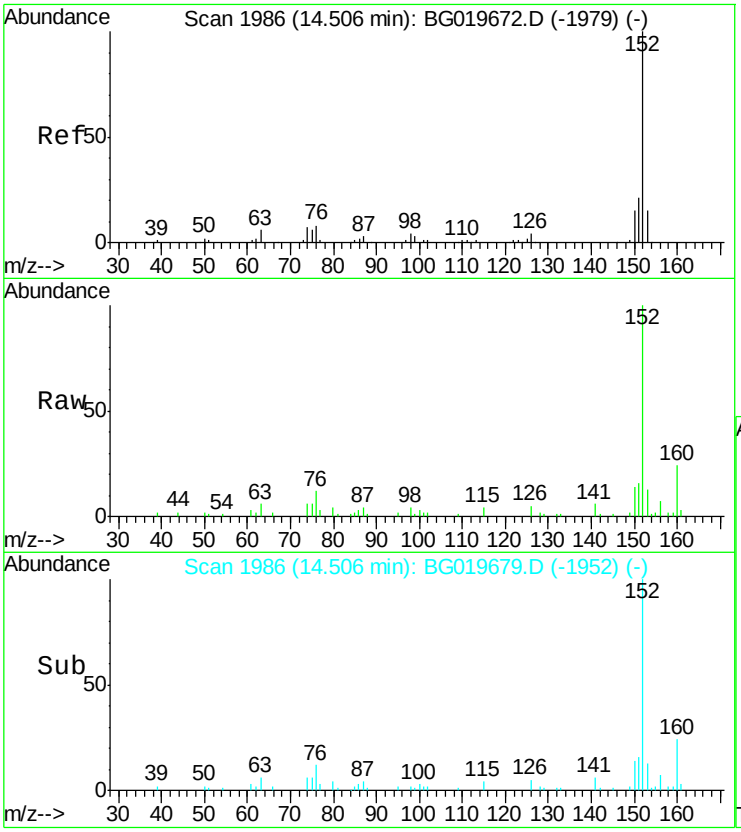


#45
Dimethylphthalate
Concen: 13.69 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:163 Resp: 123552

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.9	8.3	12.5



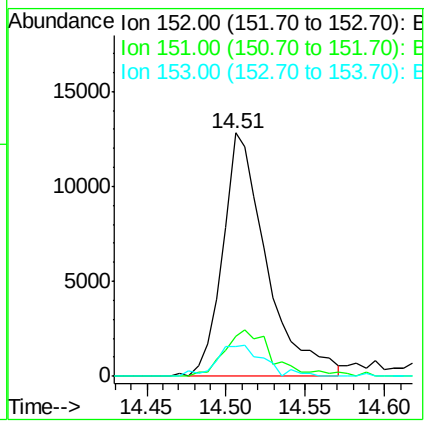


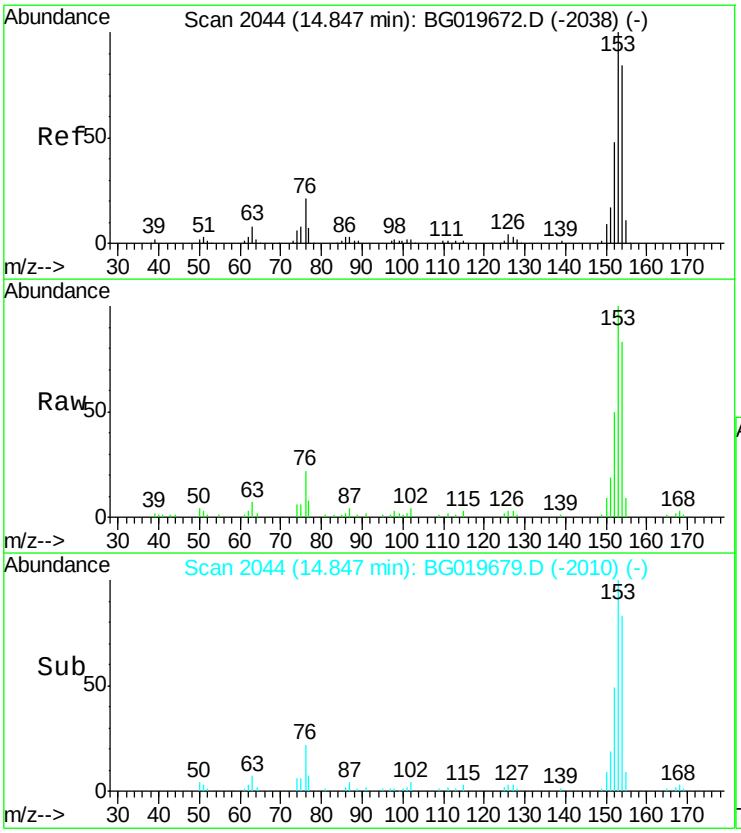
#48
Acenaphthylene
Concen: 2.48 ng/ul
RT: 14.51 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 24459

Ion	Ratio	Lower	Upper
152	100		
151	16.3	15.1	22.7
153	12.5	9.8	14.8

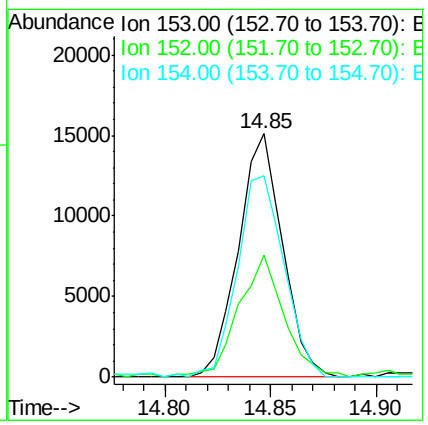


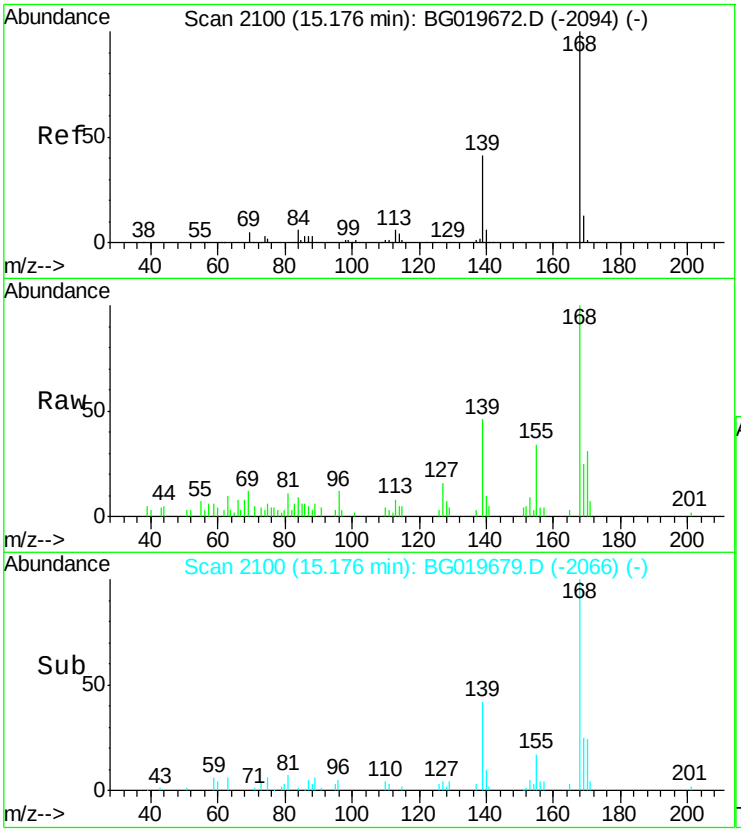


#50
Acenaphthene
Concen: 3.25 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:153 Resp: 21925

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.9	61.3
154	82.9	69.1	103.7



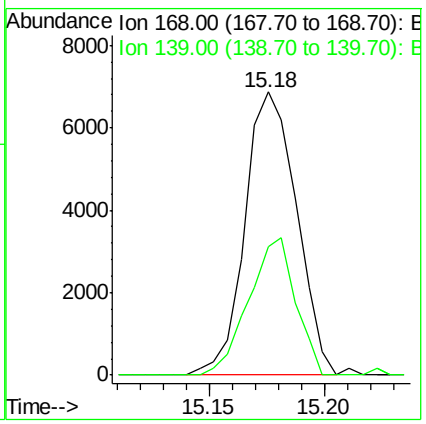


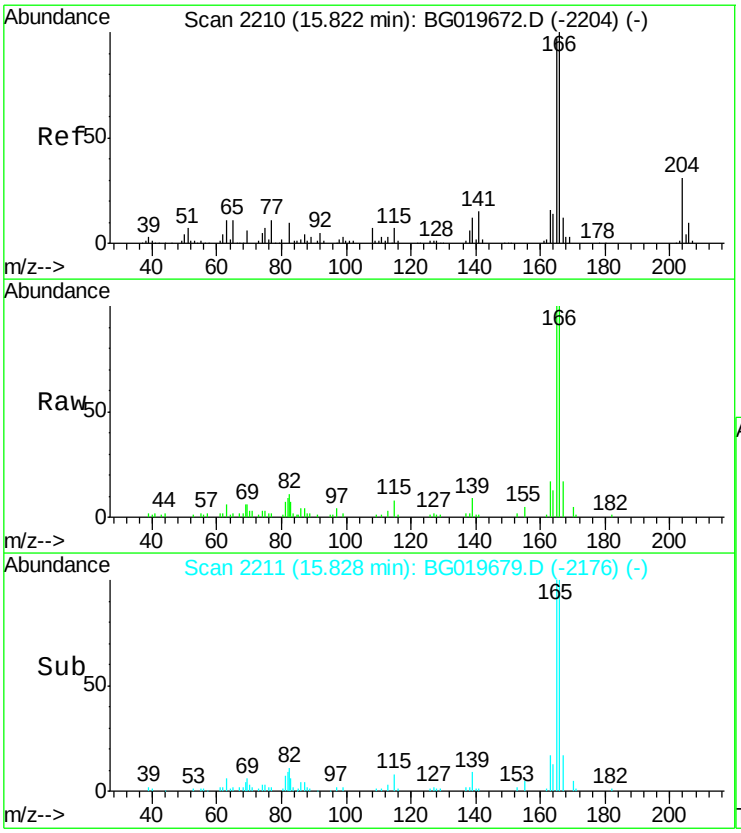
#54
Dibenzofuran
Concen: 1.08 ng/ul
RT: 15.18 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 10662

Ion	Ratio	Lower	Upper
168	100		
139	45.5	34.7	52.1

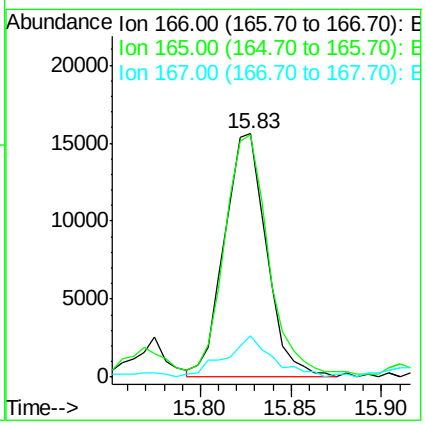


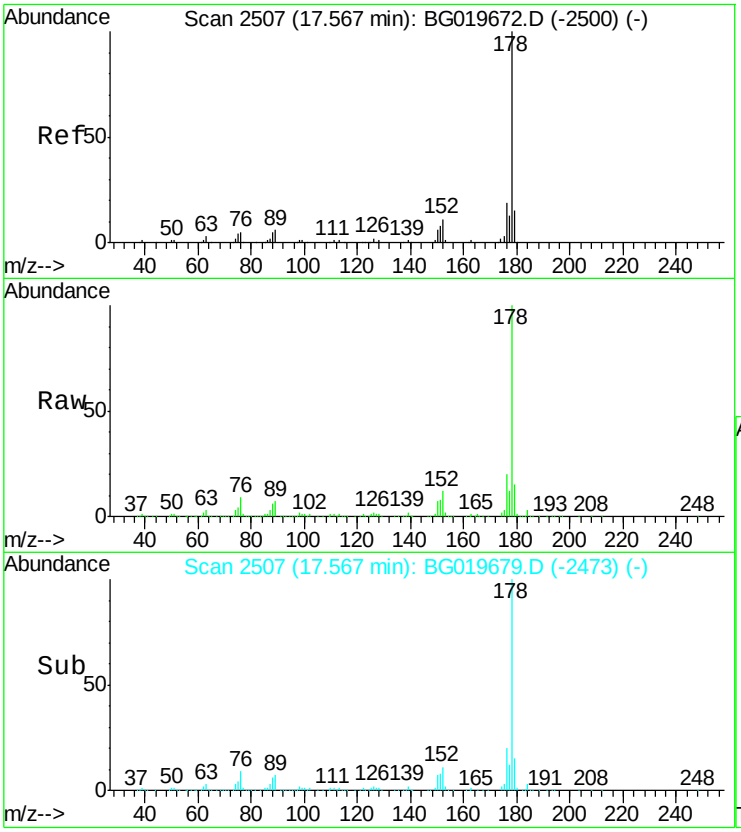


#59
Fluorene
Concen: 2.92 ng/ul
RT: 15.83 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:166 Resp: 25251

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.4	122.2
167	16.8	11.1	16.7#



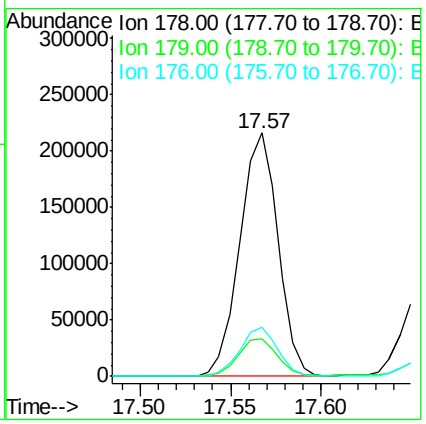


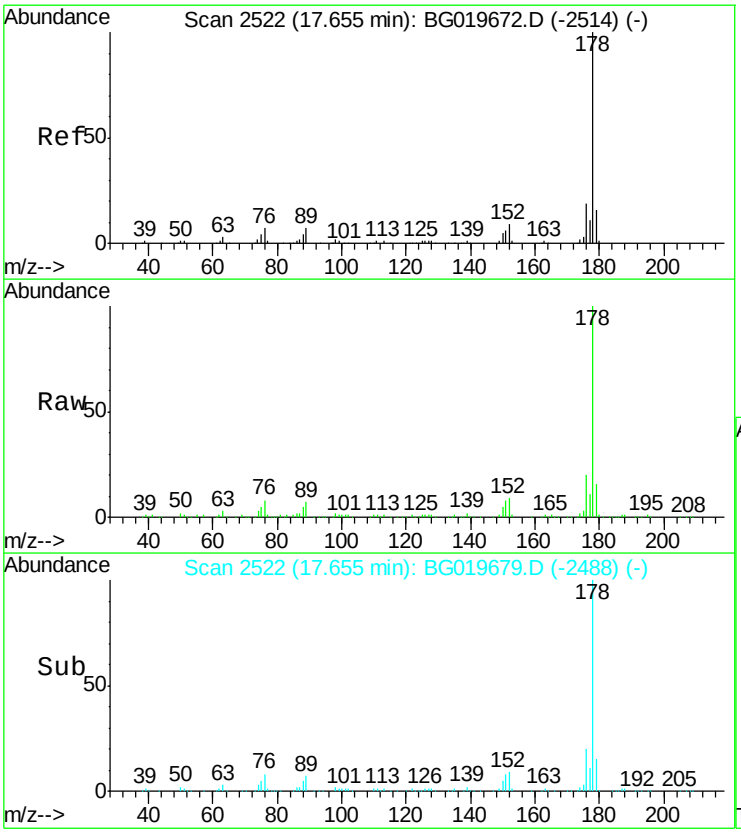
#70
Phenanthrene
Concen: 21.92 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 316974

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	20.3	16.6	24.8

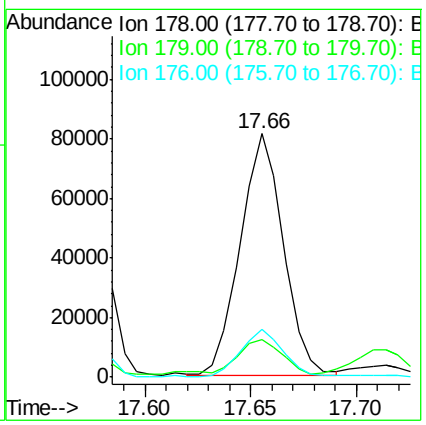


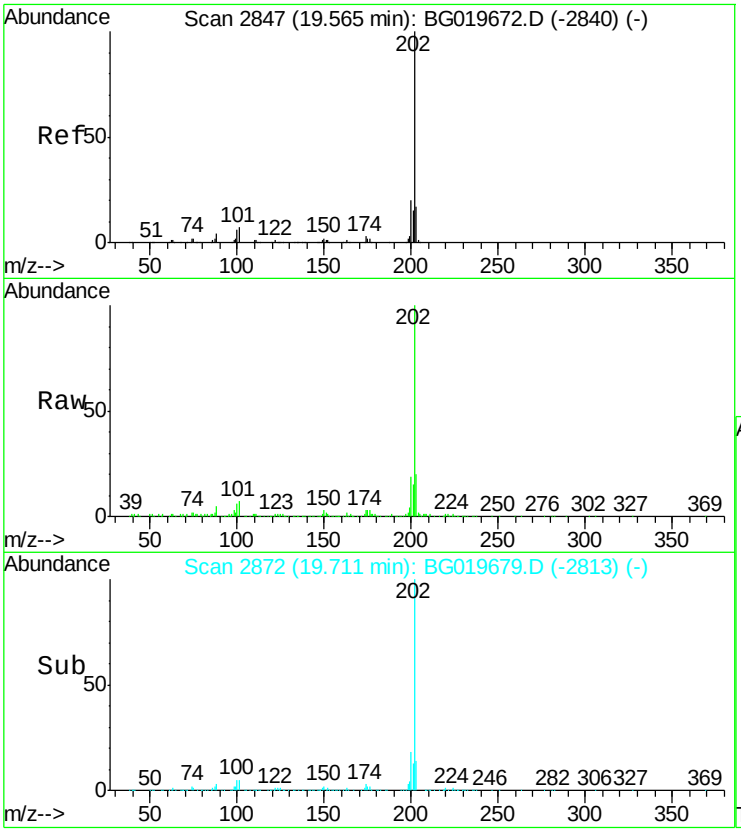


#72
Anthracene
Concen: 7.91 ng/ul
RT: 17.66 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:178 Resp: 115305

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.7	15.0	22.4



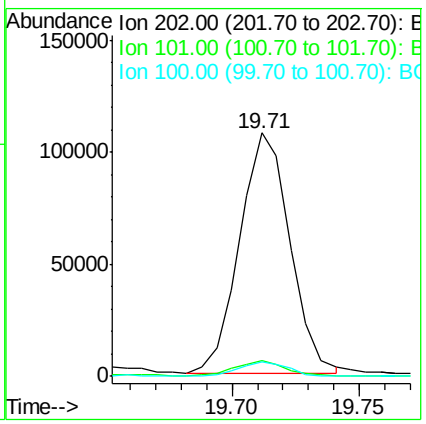


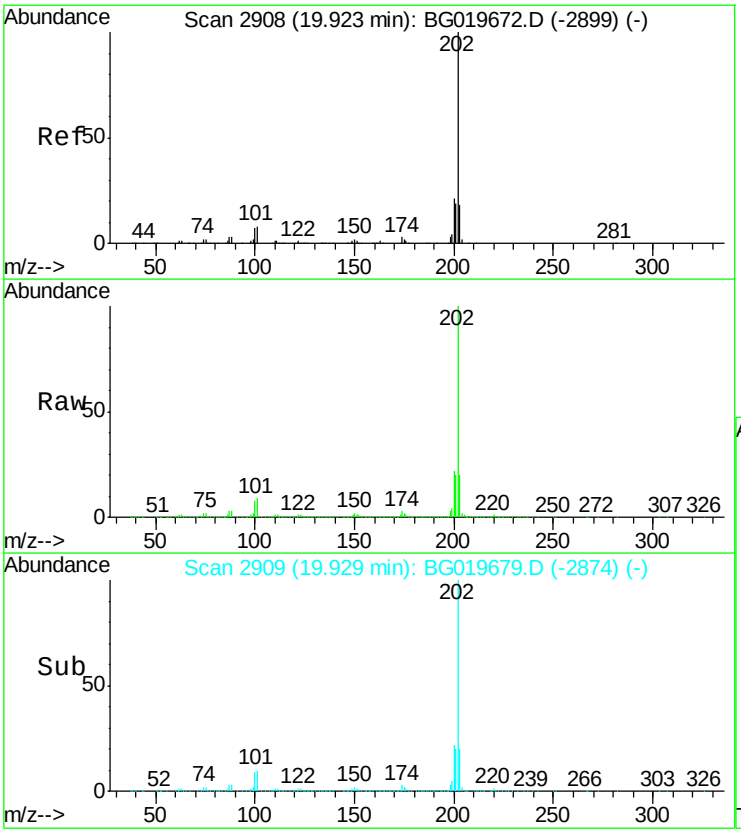
#77
Fluoranthene
Concen: 8.01 ng/ul
RT: 19.71 min Scan# 2872
Delta R.T. 0.15 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 147730

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.2	7.8
100	6.0	5.0	7.4

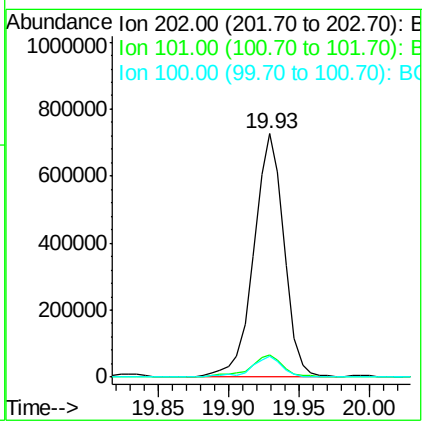


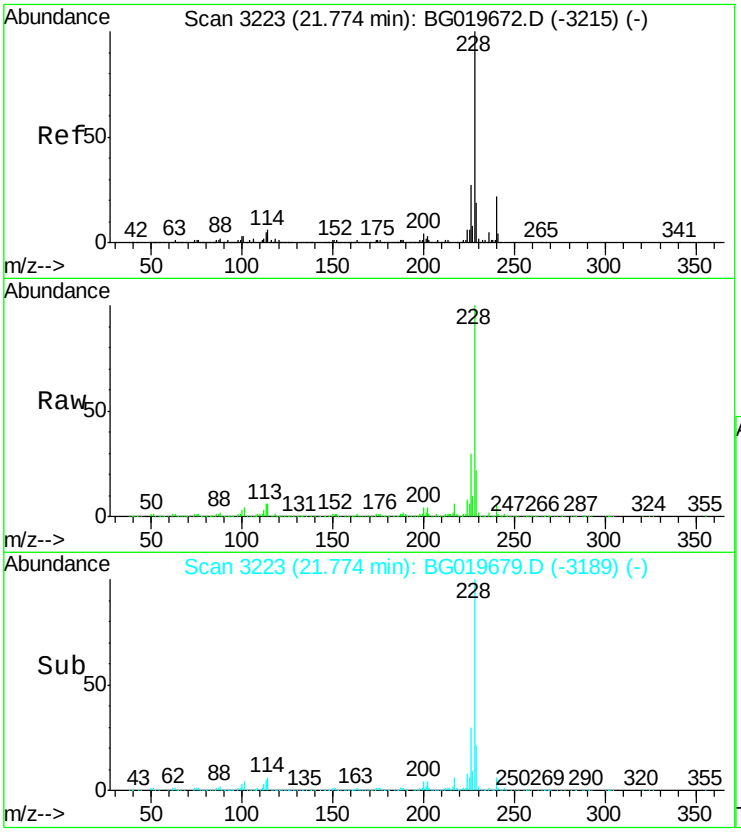


#80
Pyrene
Concen: 55.55 ng/ul
RT: 19.93 min Scan# 2909
Delta R.T. 0.01 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:202 Resp: 1088143

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.6
100	8.5	6.6	10.0



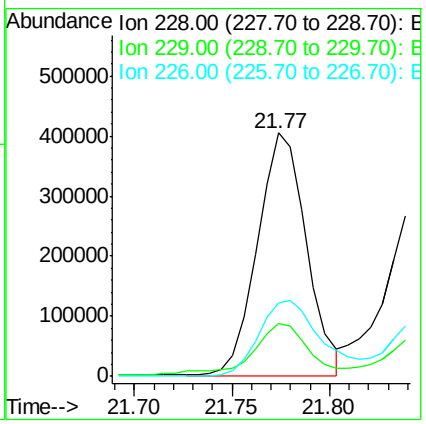


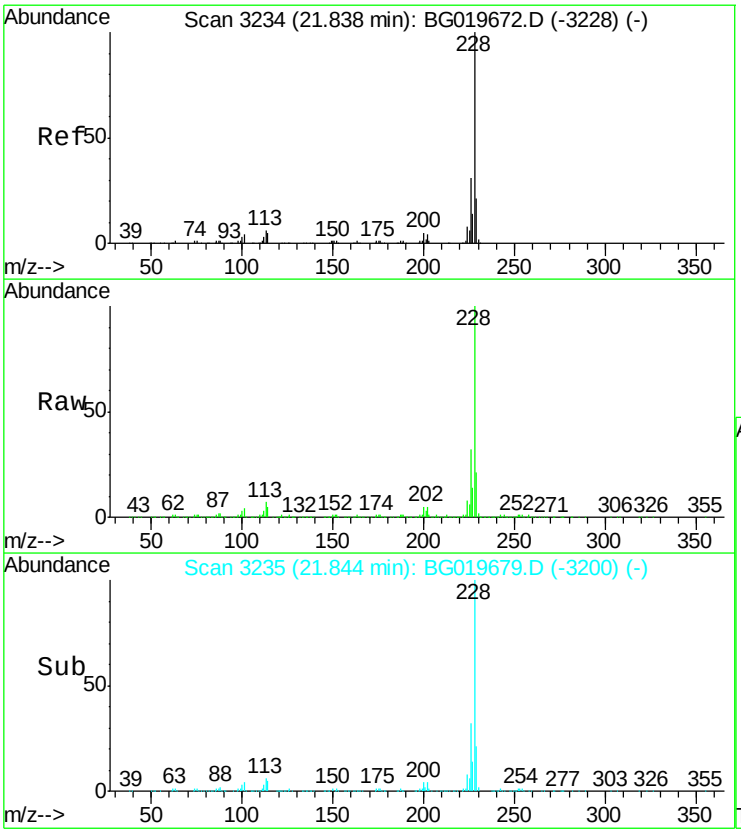
#83
Benzo(a)anthracene
Concen: 34.60 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 703445

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	30.3	22.6	33.8

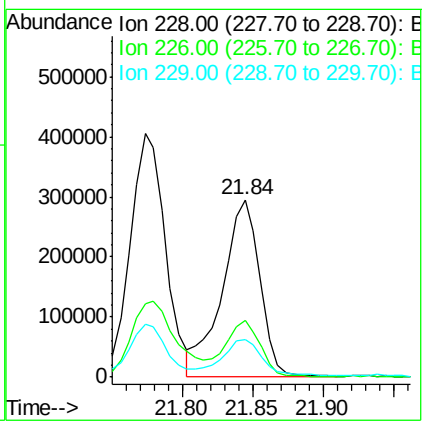


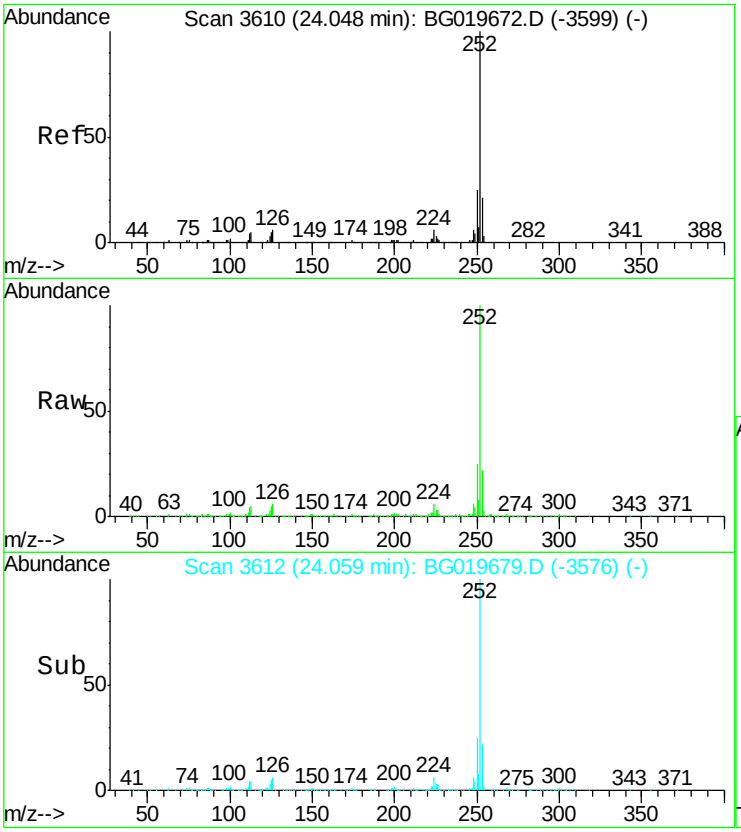


#85
Chrysene
Concen: 28.37 ng/ul
RT: 21.84 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:228 Resp: 543018

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.4	17.0	25.6



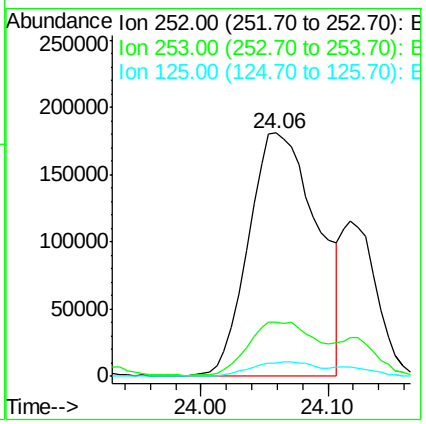


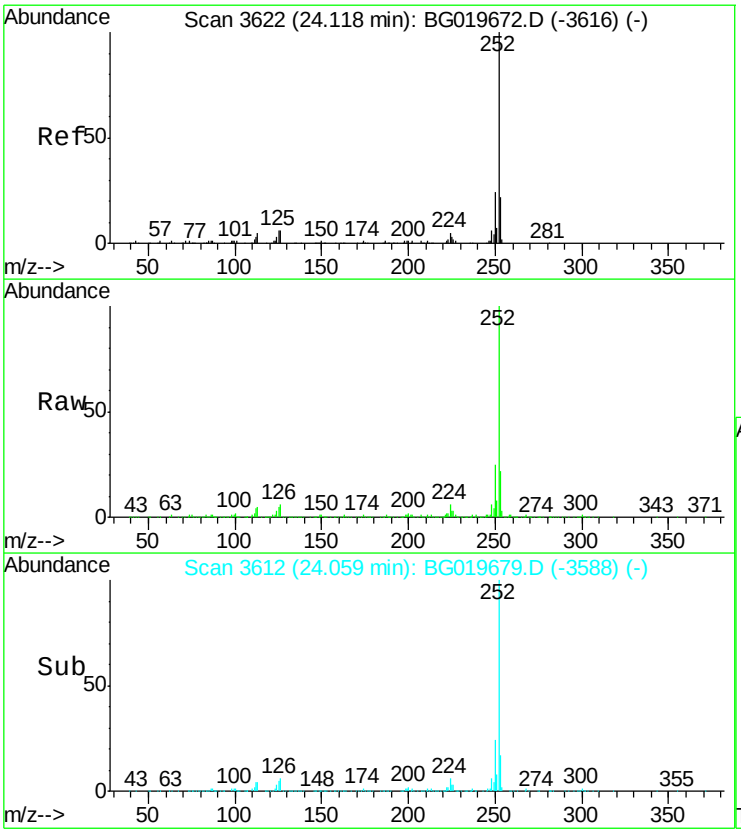
#88
Benzo(b)fluoranthene
Concen: 33.00 ng/ul
RT: 24.06 min Scan# 3612
Delta R.T. 0.01 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 679762

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	5.5	4.2	6.4

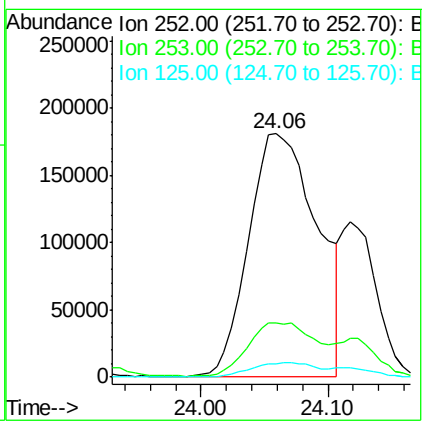


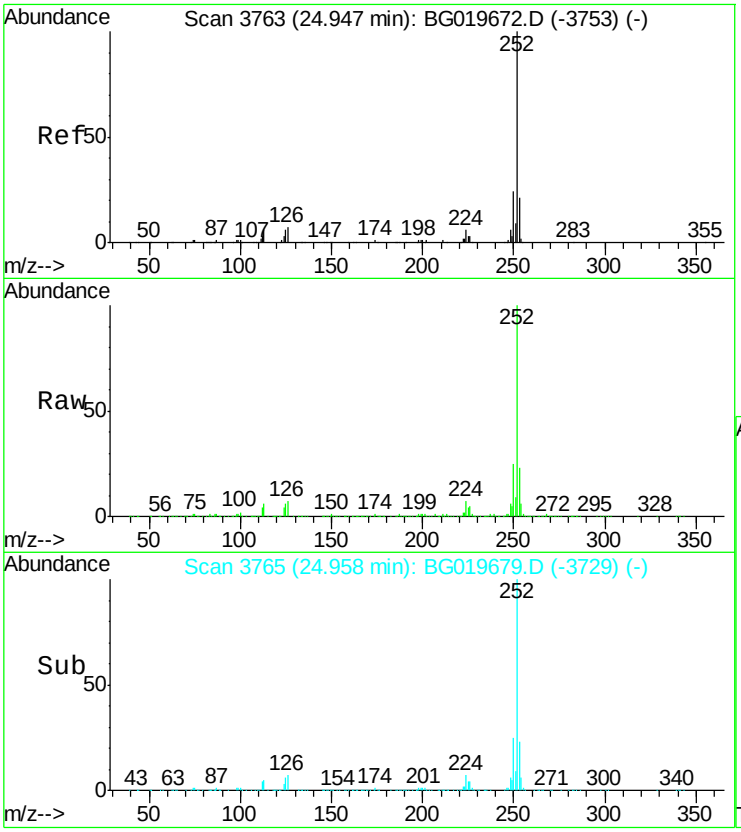


#89
Benzo(k)fluoranthene
Concen: 34.21 ng/ul
RT: 24.06 min Scan# 3612
Delta R.T. -0.06 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:252 Resp: 679762

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	5.5	4.4	6.6



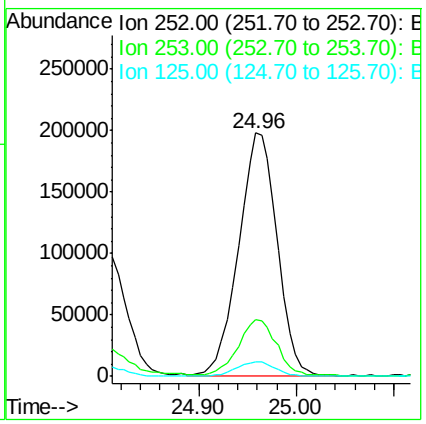


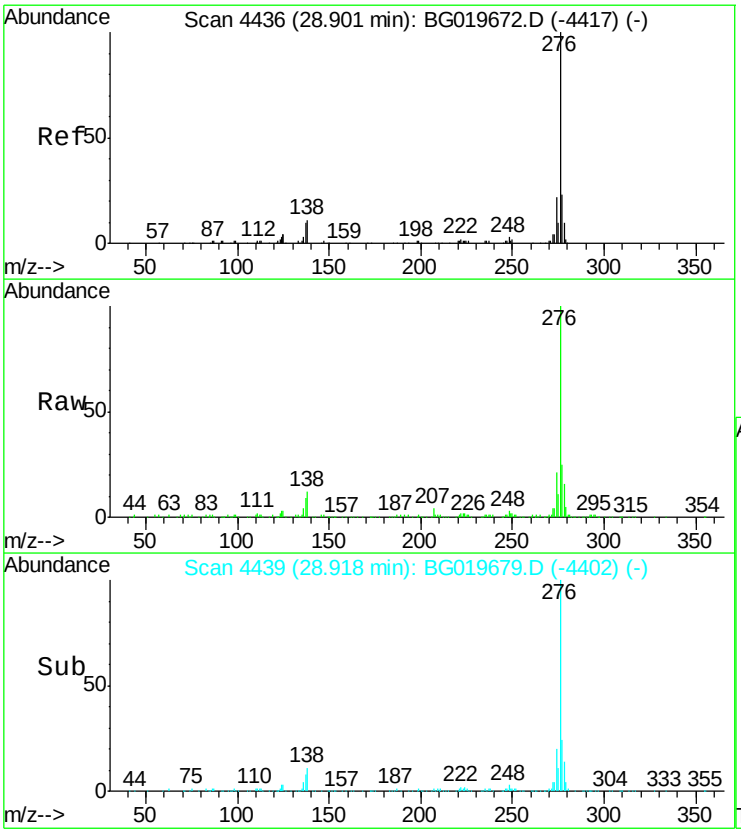
#91
Benzo(a)pyrene
Concen: 27.32 ng/ul
RT: 24.96 min Scan# 3765
Delta R.T. 0.01 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 541725

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.9	25.3
125	5.8	5.4	8.0

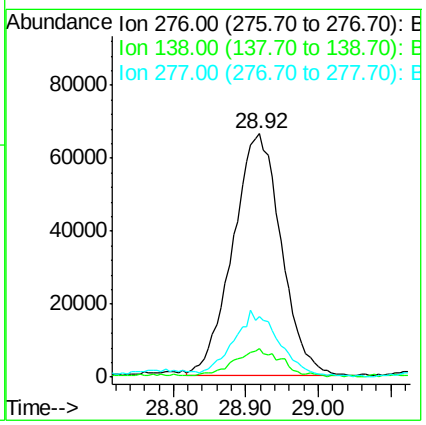


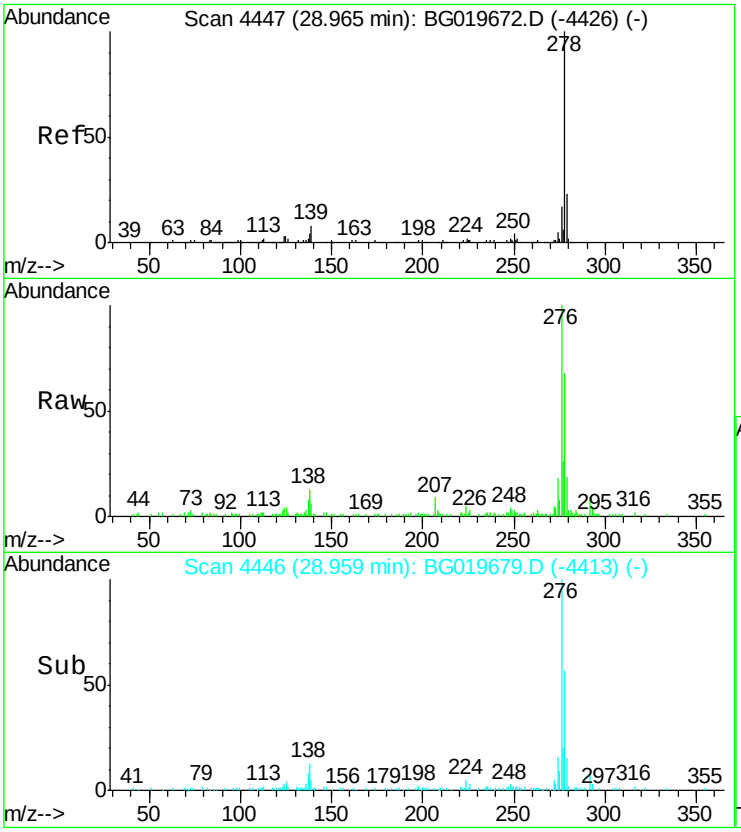


#92
Indeno(1,2,3-cd)pyrene
Concen: 13.81 ng/ul
RT: 28.92 min Scan# 4439
Delta R.T. 0.02 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:276 Resp: 306421

Ion	Ratio	Lower	Upper
276	100		
138	11.7	9.9	14.9
277	24.9	21.3	31.9



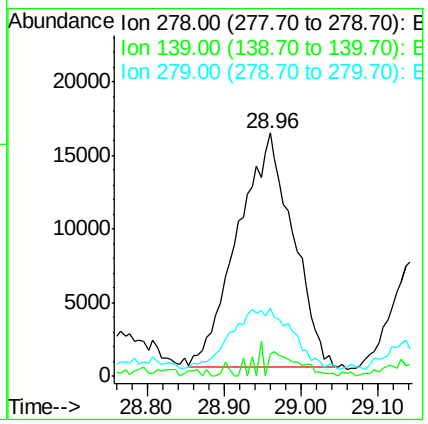


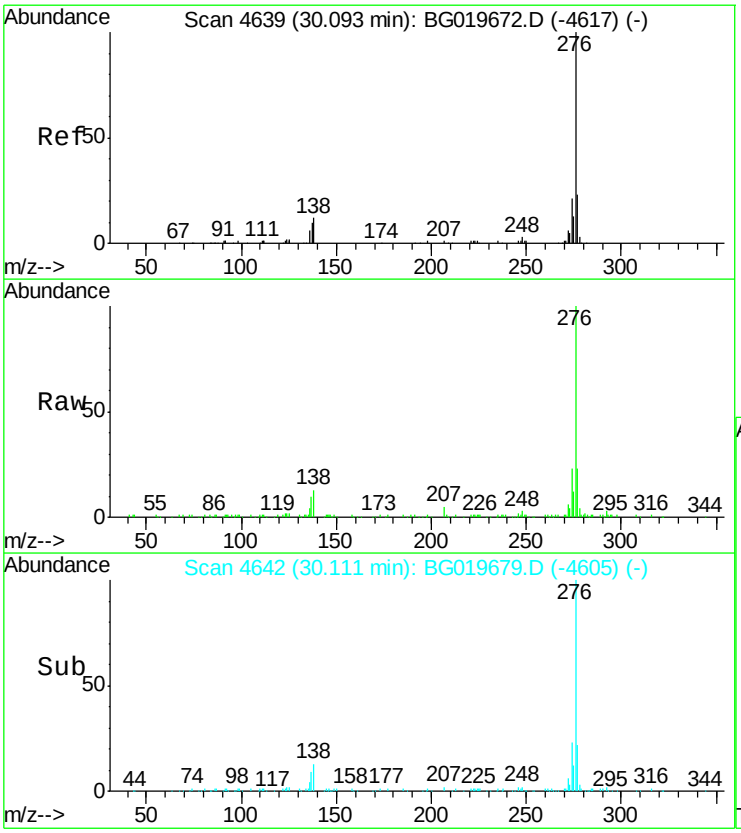
#93
Dibenzo(a,h)anthracene
Concen: 4.35 ng/ul
RT: 28.96 min Scan# 4446
Delta R.T. -0.01 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 79402

Ion	Ratio	Lower	Upper
278	100		
139	8.9	5.9	8.9
279	28.0	18.2	27.2#





#94
Benzo(g,h,i)perylene
Concen: 12.67 ng/ul
RT: 30.11 min Scan# 4642
Delta R.T. 0.02 min
Lab File: BG019679.D
Acq: 18 Nov 2015 3:23

Tgt Ion:276 Resp: 233350

Ion	Ratio	Lower	Upper
276	100		
138	13.2	9.2	13.8
277	22.9	18.6	28.0