Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

Quant Time: Dec 18 12:16:37 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	16847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	69822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	50670	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	134871	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	182344	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	176023	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	4155	2.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	2604	2.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	3043	2.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	3150	2.48	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	1576	2.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1730	2.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	3615	2.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	4780	3.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	14117	3.44	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	13127	2.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	1605	2.18	ng/ul	0.00
58) Fluorene-d10	15.72	176	10180	2.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	1334	1.67	ng/ul	0.00
71) Anthracene-d10	17.57	188	17981	2.89	ng/ul	0.00
79) Pyrene-d10	19.85	212	21680	2.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	25170	2.87	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	246552	67.62	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	63720	22.88	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	26446	6.92	ng/ul	98
45) Dimethylphthalate	14.17	163	6998	1.67	ng/ul#	96
48) Acenaphthylene	14.45	152	8639	1.71	ng/ul#	93
50) Acenaphthene	14.79	153	116171	34.08	ng/ul	98
54) Dibenzofuran	15.12	168	121844	24.03	ng/ul	100
59) Fluorene	15.77	166	118659	29.14	ng/ul	99
70) Phenanthrene	17.51	178	566922	76.85	ng/ul	100
72) Anthracene	17.60	178	59282	7.92	ng/ul	97
75) Carbazole	17.87	167	54352	8.64	ng/ul	98
77) Fluoranthene	19.52	202	326738	37.90	ng/ul	98
80) Pyrene	19.88	202	219714	19.91	ng/ul	97
83) Benzo(a)anthracene	21.72	228	51324	4.82	ng/ul	98
85) Chrysene	21.79	228	43943	4.39	ng/ul	98
88) Benzo(b)fluoranthene	23.97	252	25174	2.38	ng/ul	97
91) Benzo(a)pyrene	24.85	252	13641	1.36	ng/ul	96

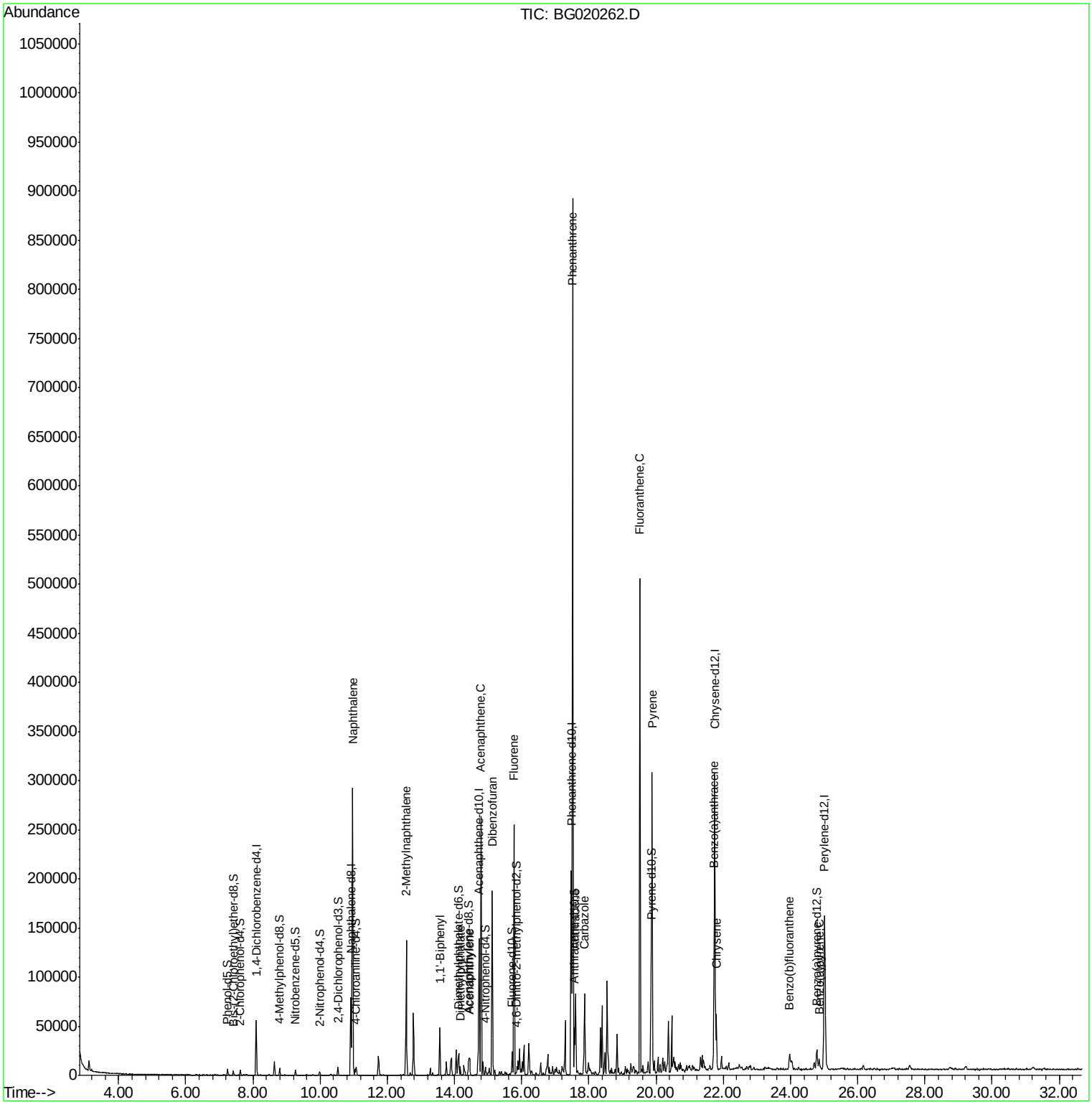
(#) = qualifier out of range (m) = manual integration (+) = signals summed

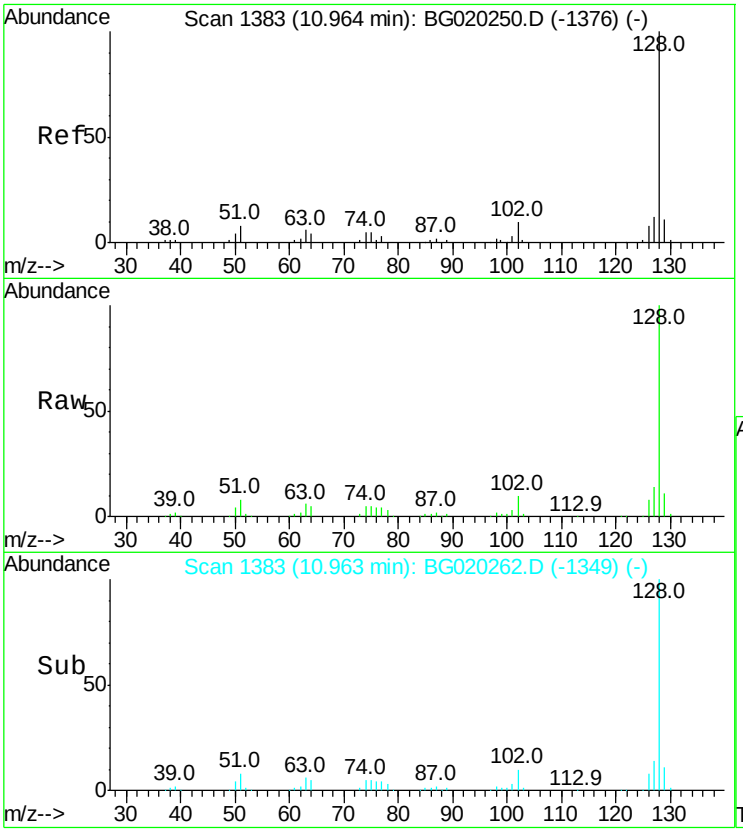
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Quant Time: Dec 18 12:16:37 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration



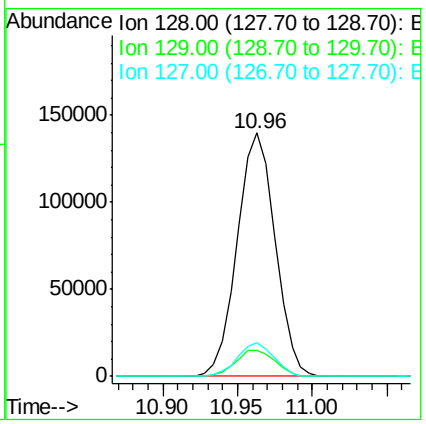


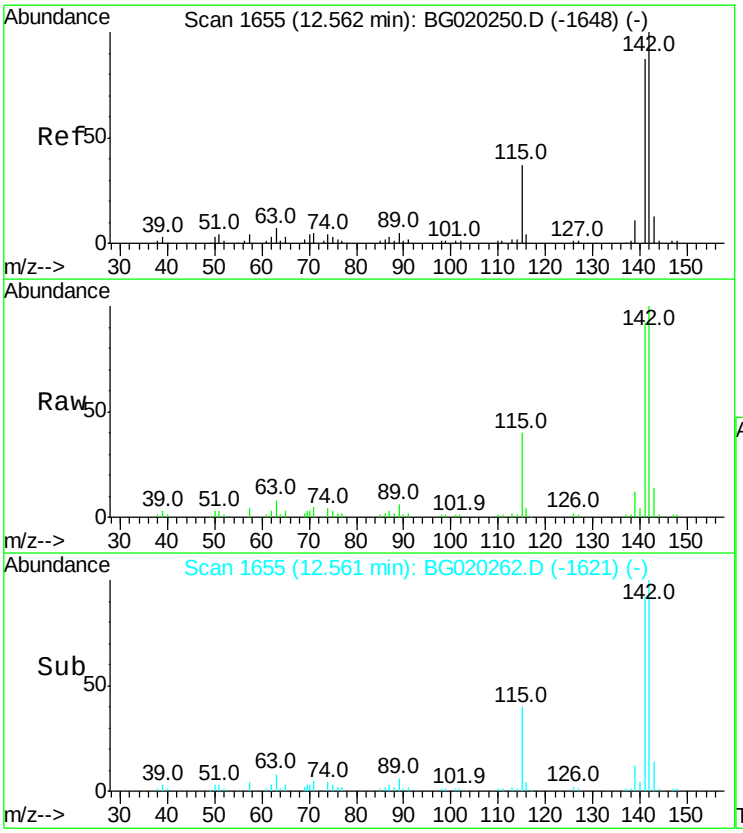
#28
Naphthalene
Concen: 67.62 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:128 Resp: 246552

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.7	10.1	15.1

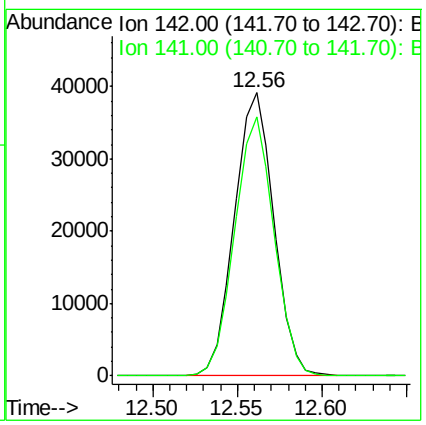


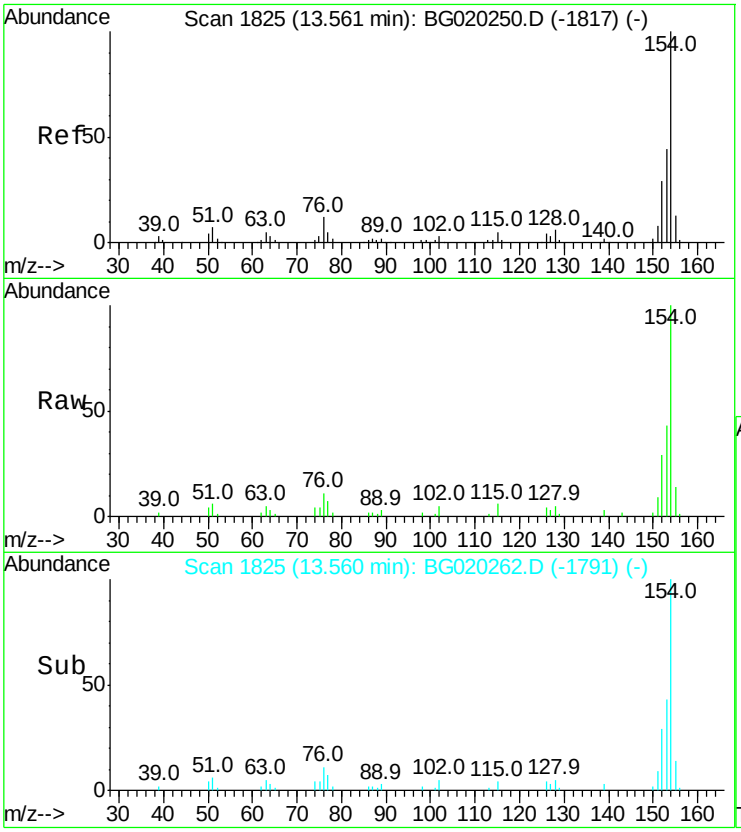


#34
2-Methylnaphthalene
Concen: 22.88 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:142 Resp: 63720

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.9	112.3



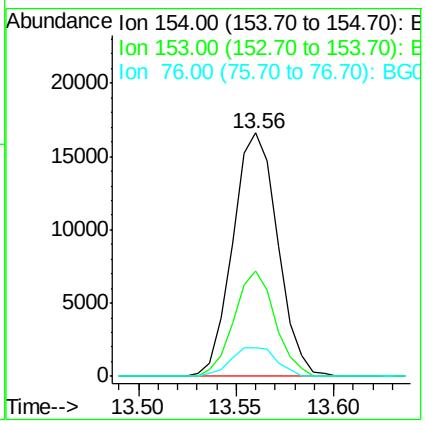


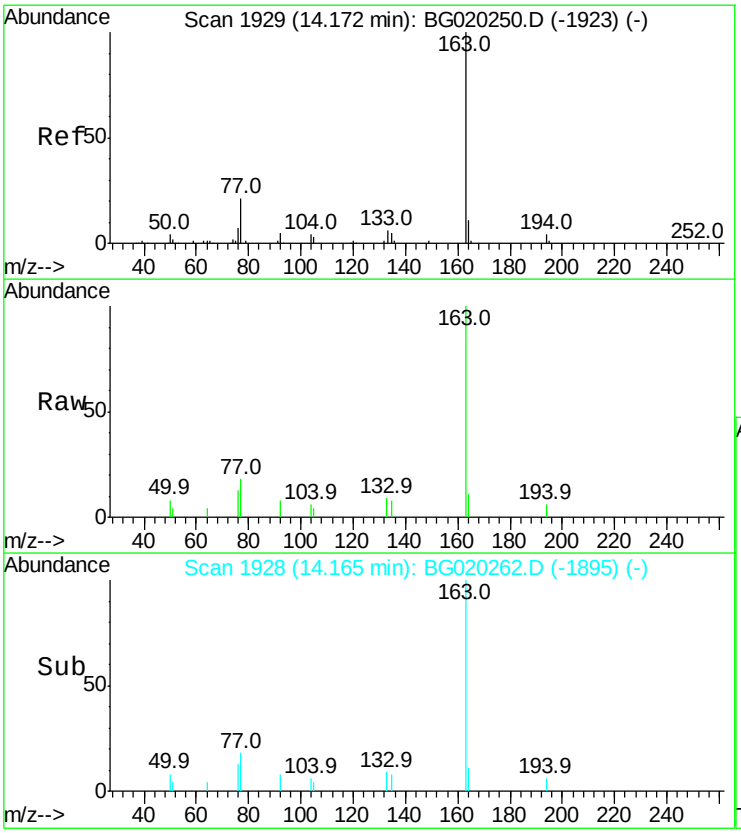
#41
1,1'-Biphenyl
Concen: 6.92 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:154 Resp: 26446

Ion	Ratio	Lower	Upper
154	100		
153	43.3	35.5	53.3
76	11.5	10.4	15.6

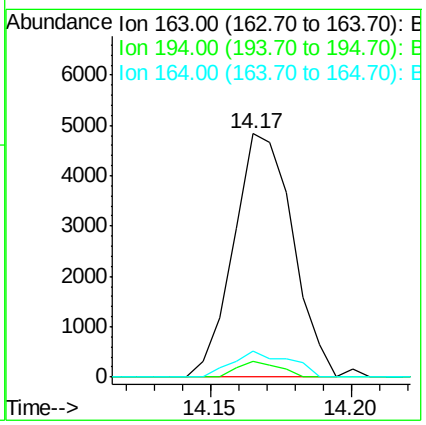


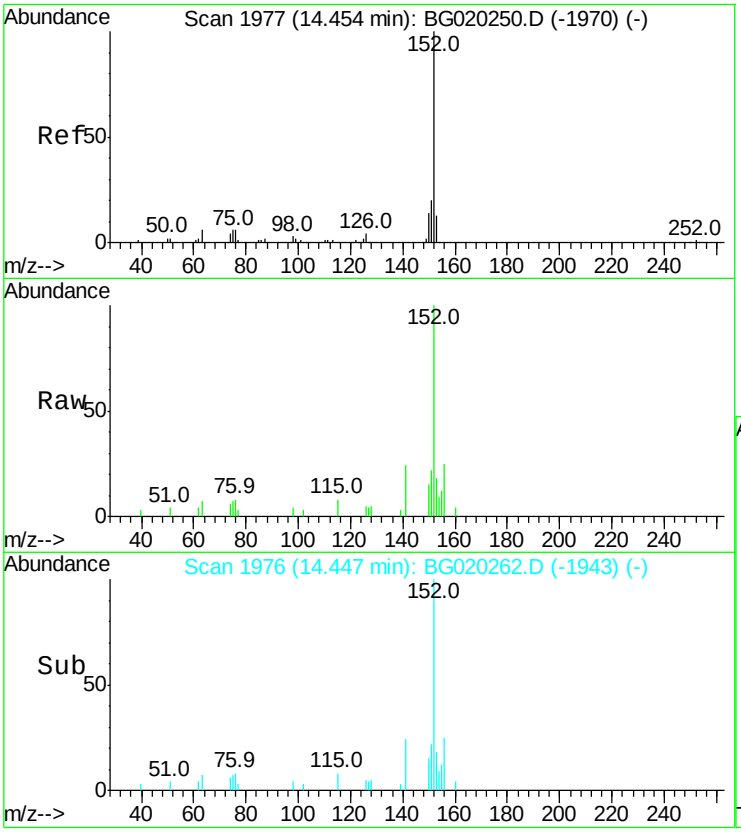


#45
Dimethylphthalate
Concen: 1.67 ng/ul
RT: 14.17 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:163 Resp: 6998

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.5	5.3#
164	10.8	7.7	11.5



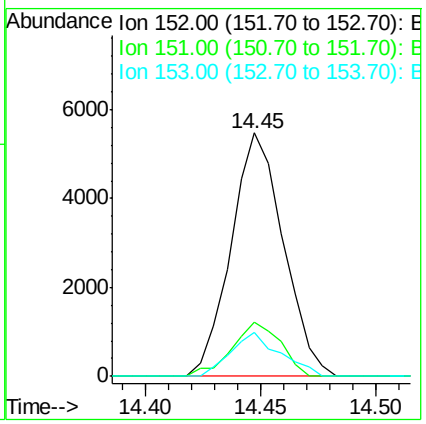


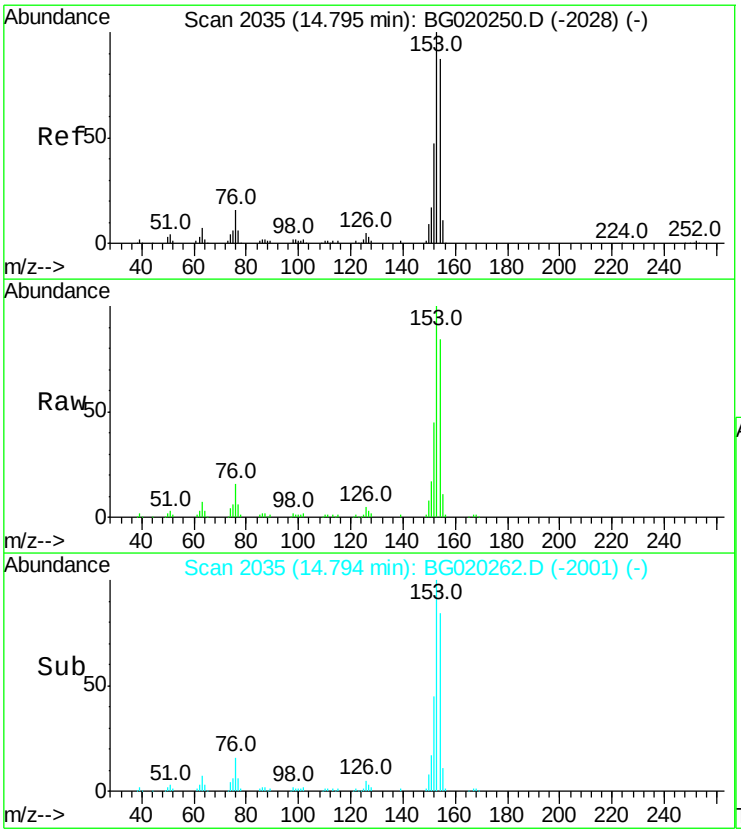
#48
Acenaphthylene
Concen: 1.71 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:152 Resp: 8639

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.4	24.6
153	18.3	10.4	15.6#

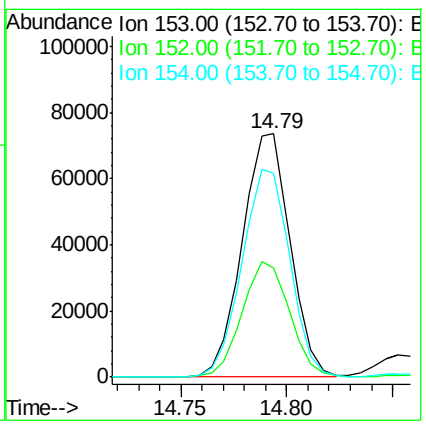


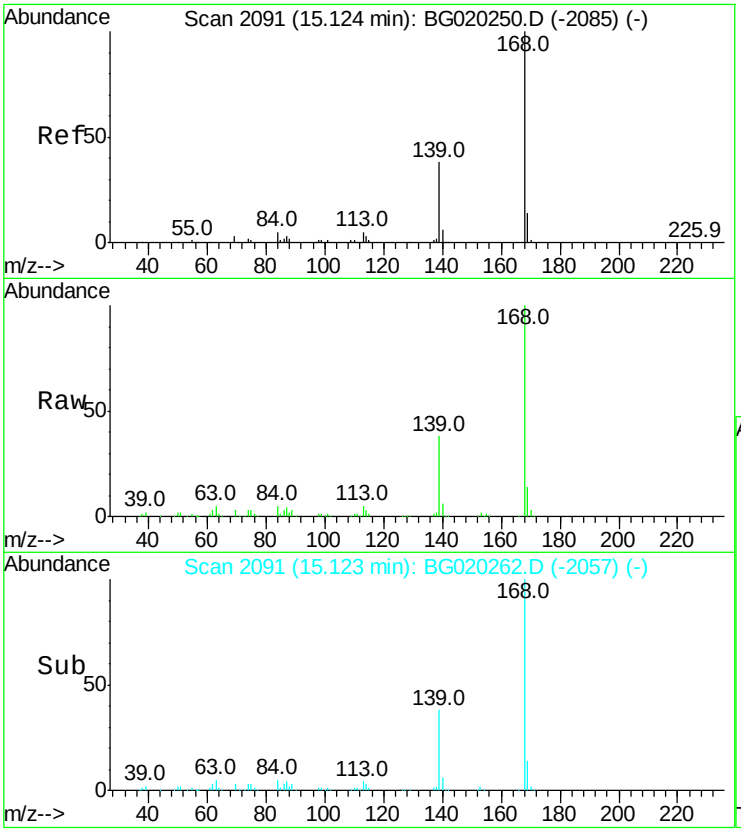


#50
Acenaphthene
Concen: 34.08 ng/ul
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:153 Resp: 116171

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.6	56.4
154	83.7	67.9	101.9



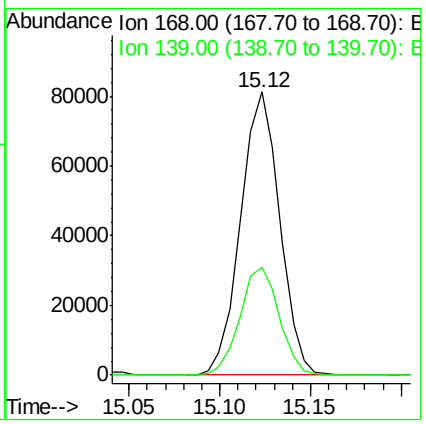


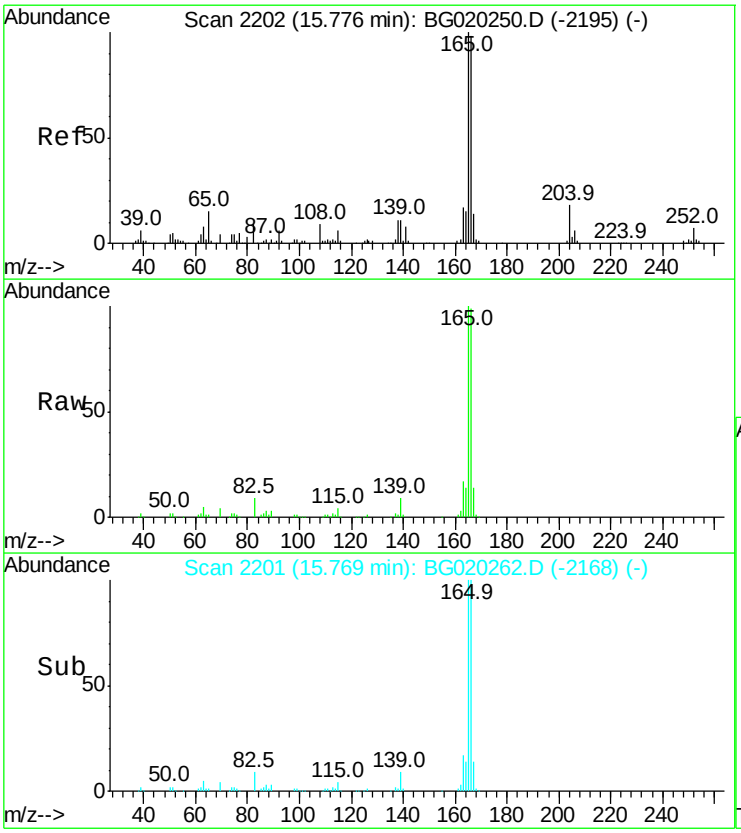
#54
Dibenzofuran
Concen: 24.03 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:168 Resp: 121844

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.5	45.7

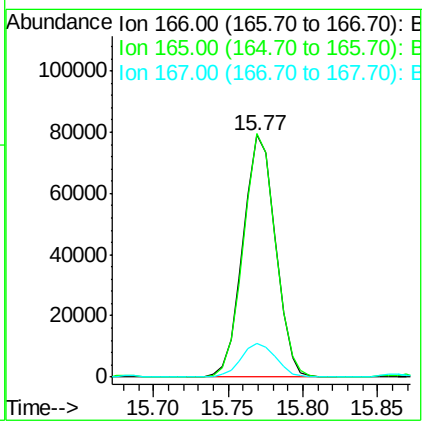


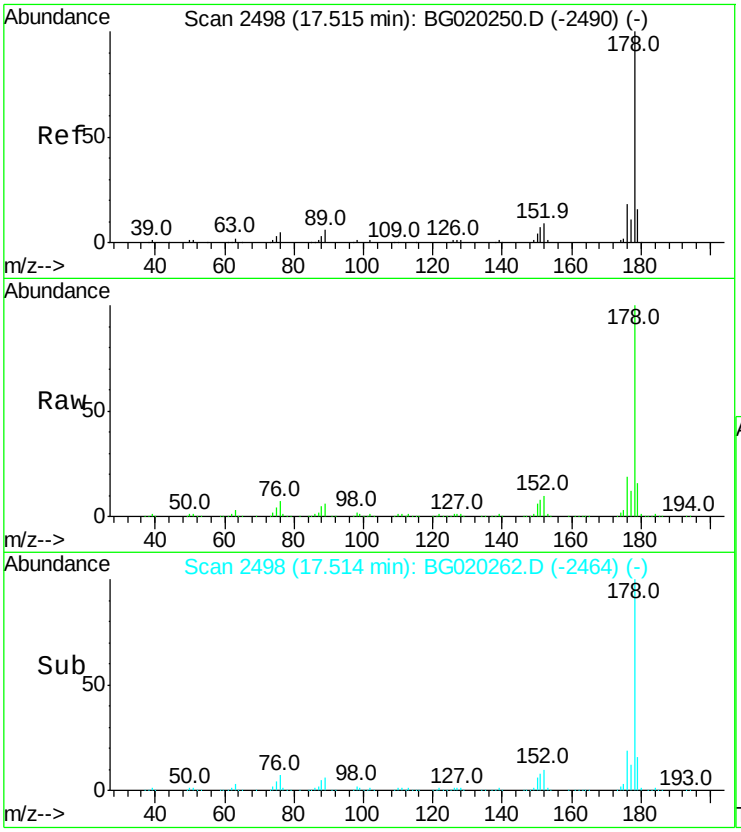


#59
Fluorene
Concen: 29.14 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:166 Resp: 118659

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.4	122.0
167	13.7	11.2	16.8



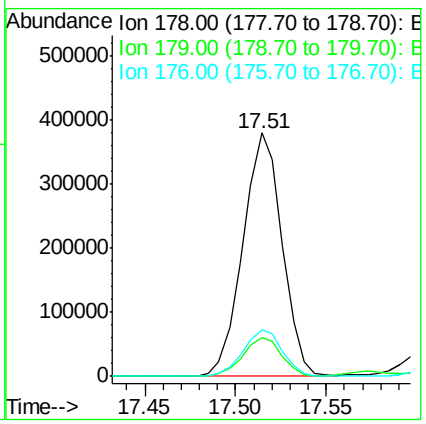


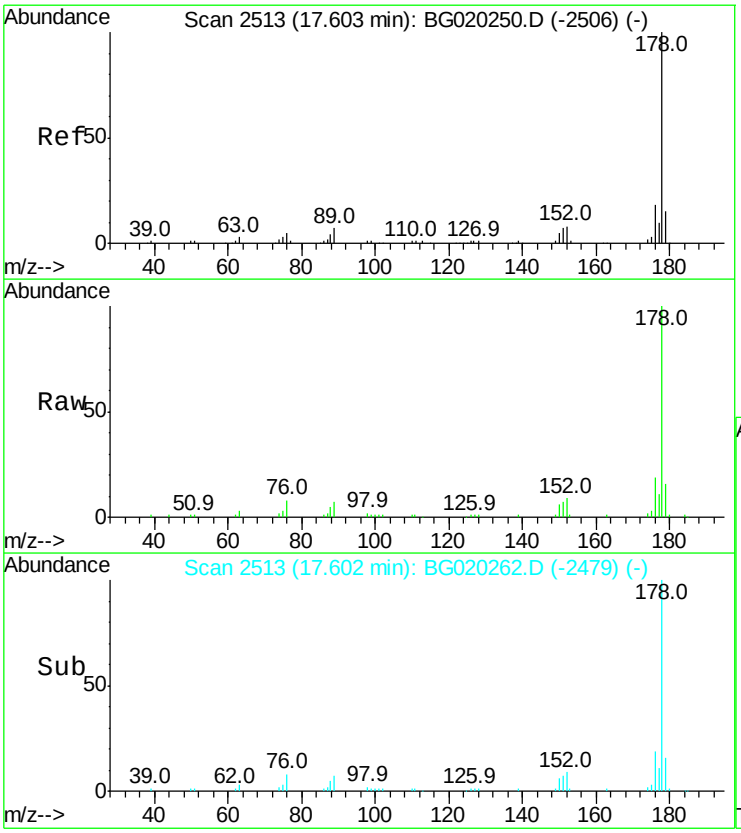
#70
Phenanthrene
Concen: 76.85 ng/ul
RT: 17.51 min Scan# 2498
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:178 Resp: 566922

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.2	15.3	22.9

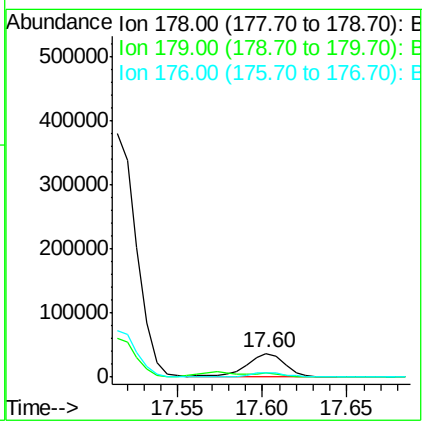


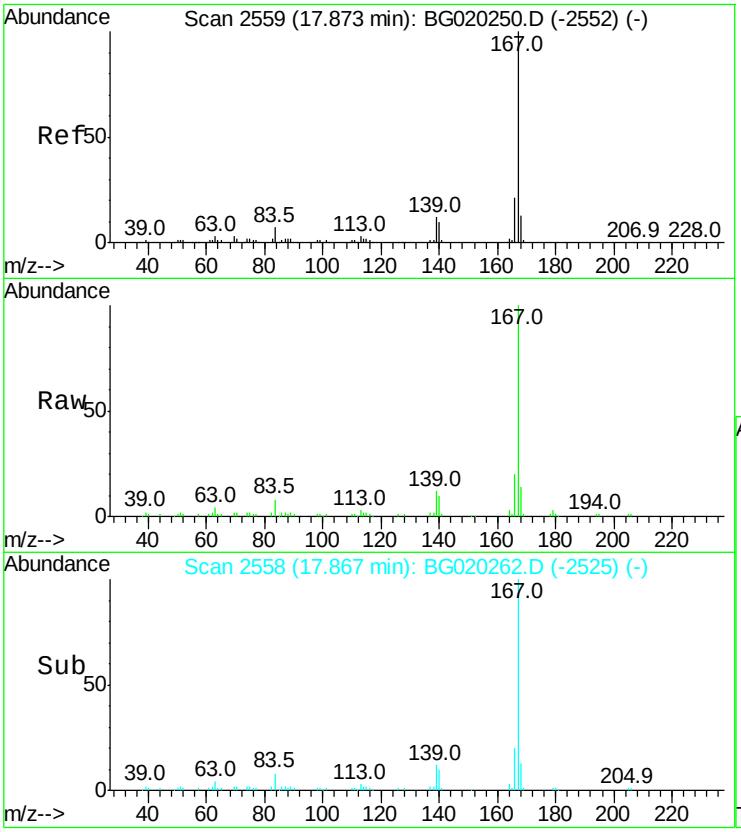


#72
Anthracene
Concen: 7.92 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:178 Resp: 59282

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.2	14.3	21.5



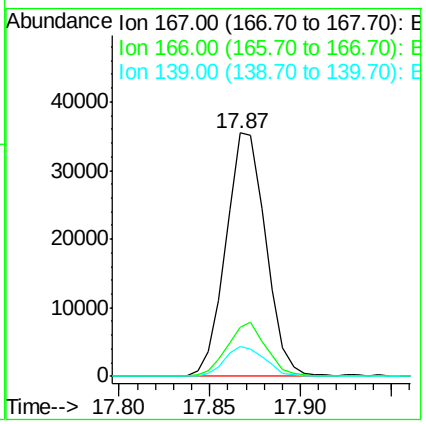


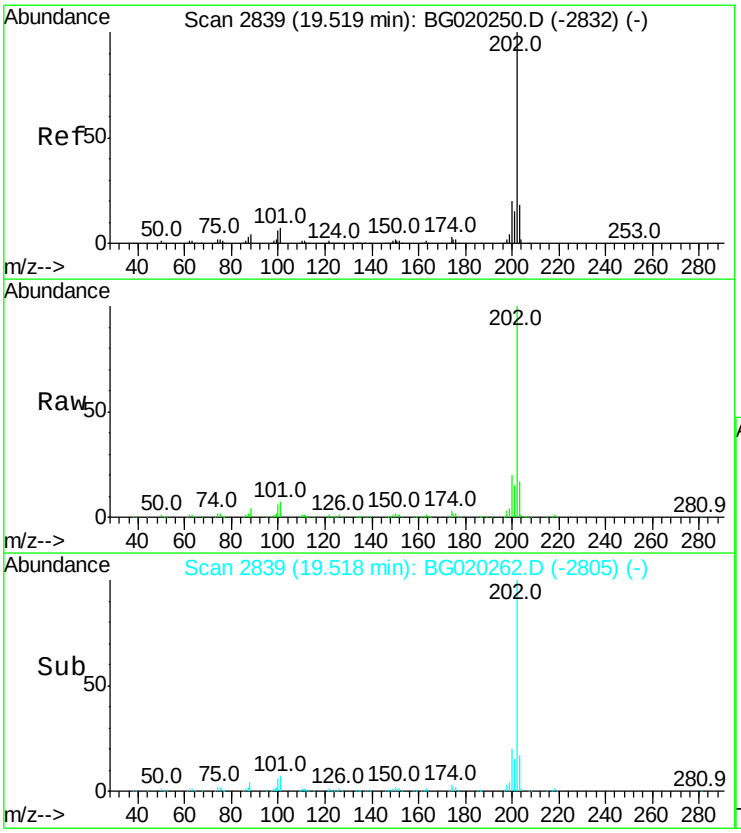
#75
Carbazole
Concen: 8.64 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:167 Resp: 54352

Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.0	25.6
139	12.4	10.1	15.1

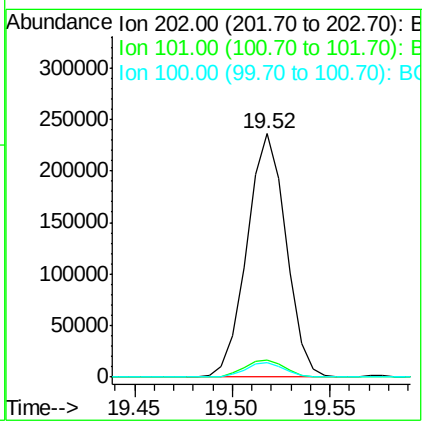


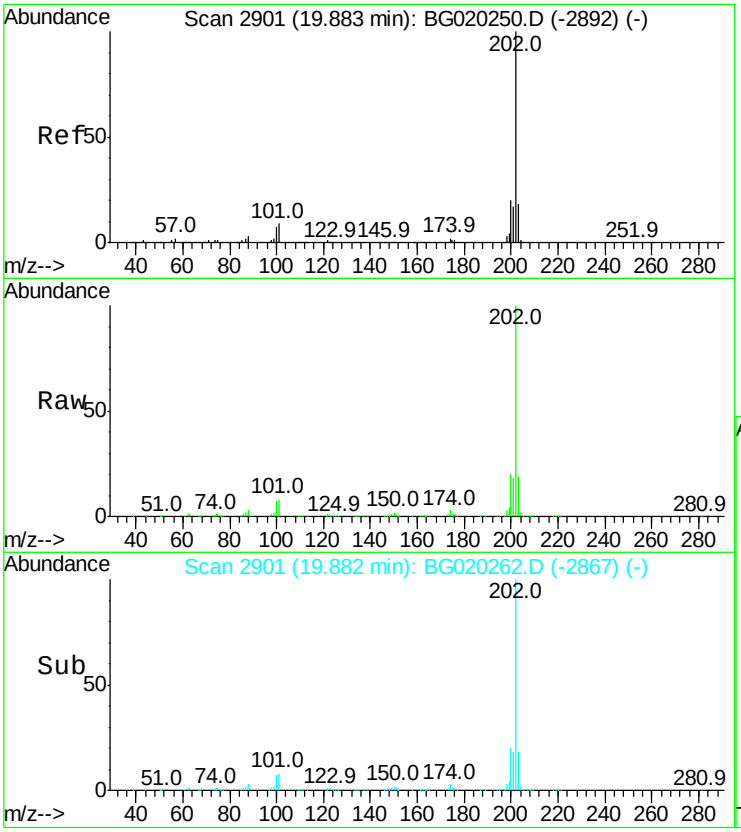


#77
Fluoranthene
Concen: 37.90 ng/ul
RT: 19.52 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:202 Resp: 326738

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.2	9.4
100	5.8	5.1	7.7



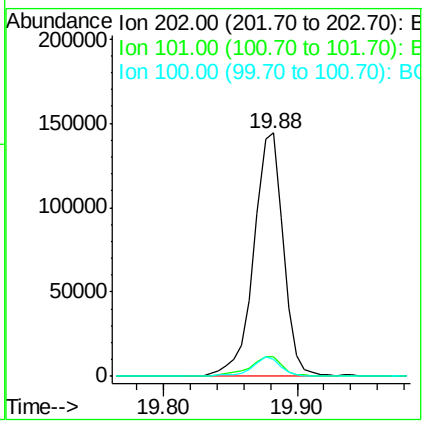


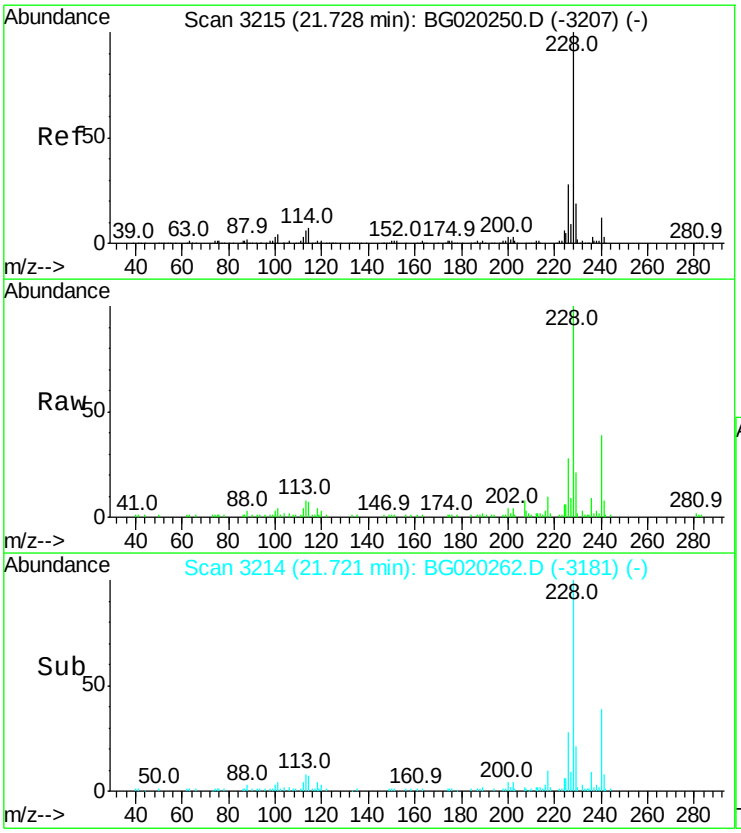
#80
Pyrene
Concen: 19.91 ng/ul
RT: 19.88 min Scan# 2901
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:202 Resp: 219714

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.4
100	6.8	6.4	9.6

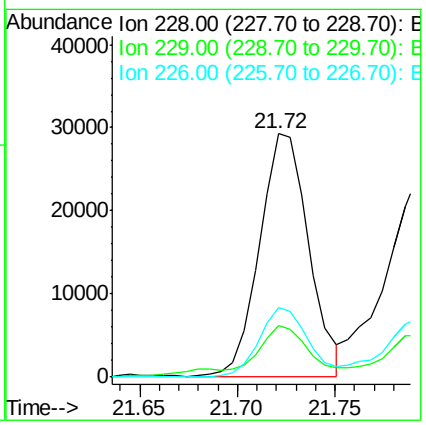


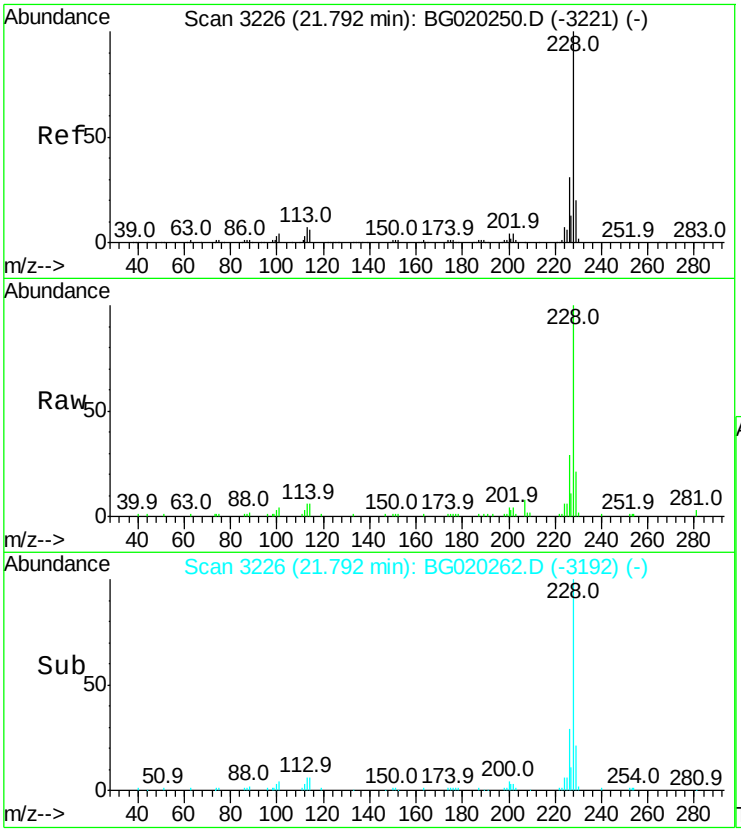


#83
Benzo(a)anthracene
Concen: 4.82 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. -0.01 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:228 Resp: 51324

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.3	21.8	32.6



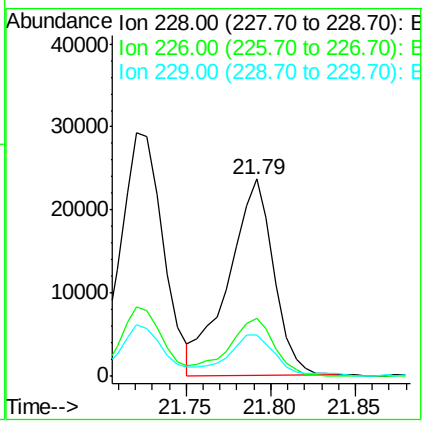


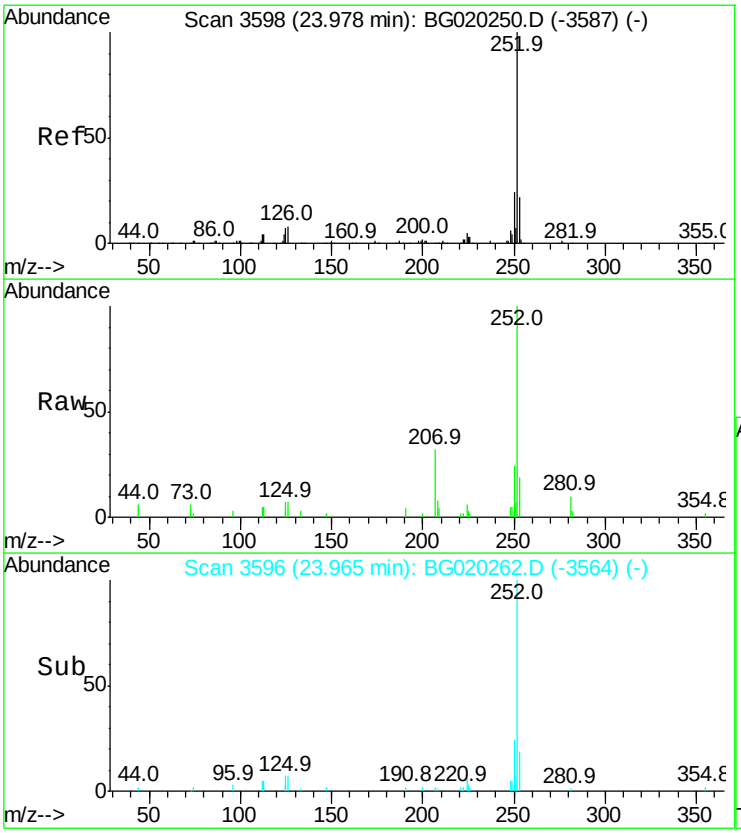
#85
Chrysene
Concen: 4.39 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:228 Resp: 43943

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	20.7	15.6	23.4

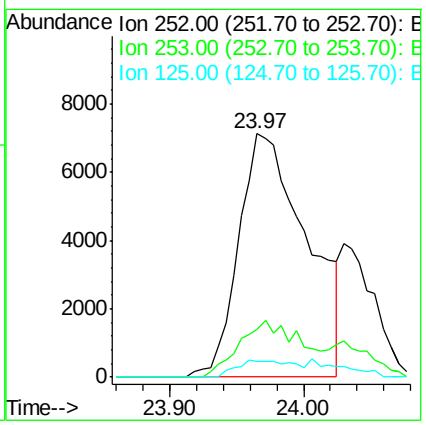


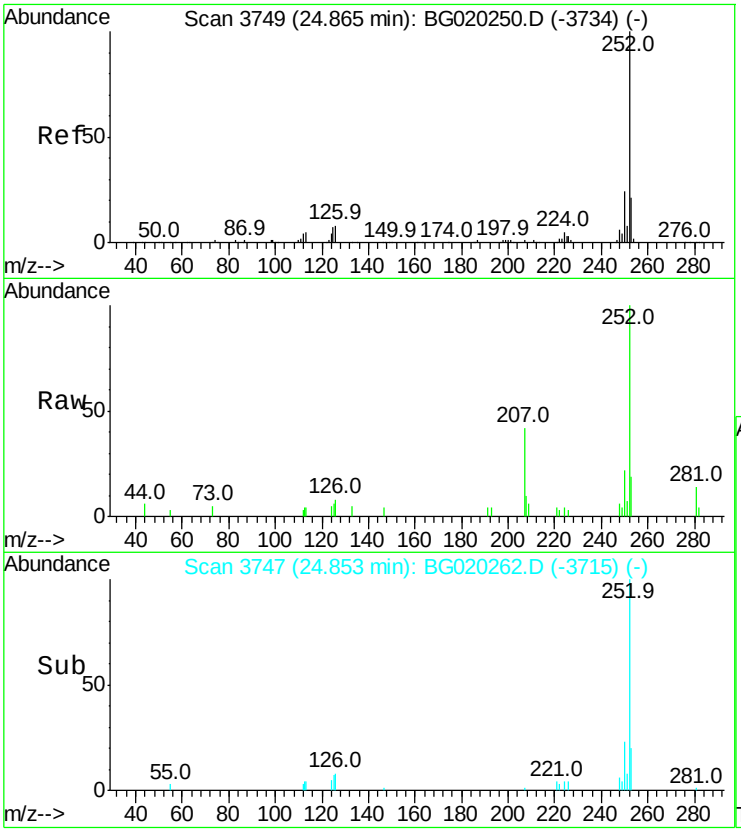


#88
Benzo(b)fluoranthene
Concen: 2.38 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. -0.01 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Tgt Ion:252 Resp: 25174

Ion	Ratio	Lower	Upper
252	100		
253	19.5	16.7	25.1
125	6.6	6.2	9.2





#91
Benzo(a)pyrene
Concen: 1.36 ng/ul
RT: 24.85 min Scan# 3747
Delta R.T. -0.01 min
Lab File: BG020262.D
Acq: 18 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:252 Resp: 13641

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.0	25.4
125	6.5	6.2	9.4