Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020789.D
Acq On : 4 Feb 2016 16:30
Operator : SJ/IZ
Sample : H1334-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBG11

Quant Time: Feb 05 04:20:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	20918	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	105671	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	58862	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	109147	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	93025	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	91033	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	954	2.19	ng/uL	0.00
5) Phenol-d5	7.41	99	26609	12.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	15990	14.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	22981	14.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	21994	11.91	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	11453	17.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	9804	17.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	22366	14.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	28287	13.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	76579	15.23	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	102180	16.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	6798	7.64	ng/ul	0.00
58) Fluorene-d10	15.87	176	67558	15.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3569	9.90	ng/ul	0.00
71) Anthracene-d10	17.72	188	93569	17.43	ng/ul	0.00
79) Pyrene-d10	19.98	212	88485	17.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	86292	17.69	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	11.16	128	11869	2.01	ng/ul	97
45) Dimethylphthalate	14.33	163	30266	5.77	ng/ul#	97
50) Acenaphthene	14.95	153	14123	3.00	ng/ul	96
54) Dibenzofuran	15.28	168	10443	1.70	ng/ul	99
59) Fluorene	15.93	166	13815	2.57	ng/ul	99
70) Phenanthrene	17.66	178	170514	24.88	ng/ul	99
72) Anthracene	17.75	178	30054	4.38	ng/ul	100
75) Carbazole	18.02	167	17642	2.90	ng/ul	93
76) Di-n-butylphthalate	18.56	149	22891	3.14	ng/ul	98
77) Fluoranthene	19.66	202	173384	24.62	ng/ul#	79
80) Pyrene	20.01	202	146105	20.77	ng/ul#	73
83) Benzo(a)anthracene	21.88	228	62224	10.38	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	564881	132.12	ng/ul#	97
85) Chrysene	21.95	228	59474	10.69	ng/ul	96
87) Di-n-octyl phthalate	23.05	149	19002	2.59	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	67101	11.25	ng/ul#	85
89) Benzo(k)fluoranthene	24.27	252	24592	4.21	ng/ul#	88
91) Benzo(a)pyrene	25.13	252	47888	8.39	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	29.17	276	28007	4.20	ng/ul#	78
94) Benzo(g,h,i)perylene	30.37	276	15946	2.91	ng/ul#	81

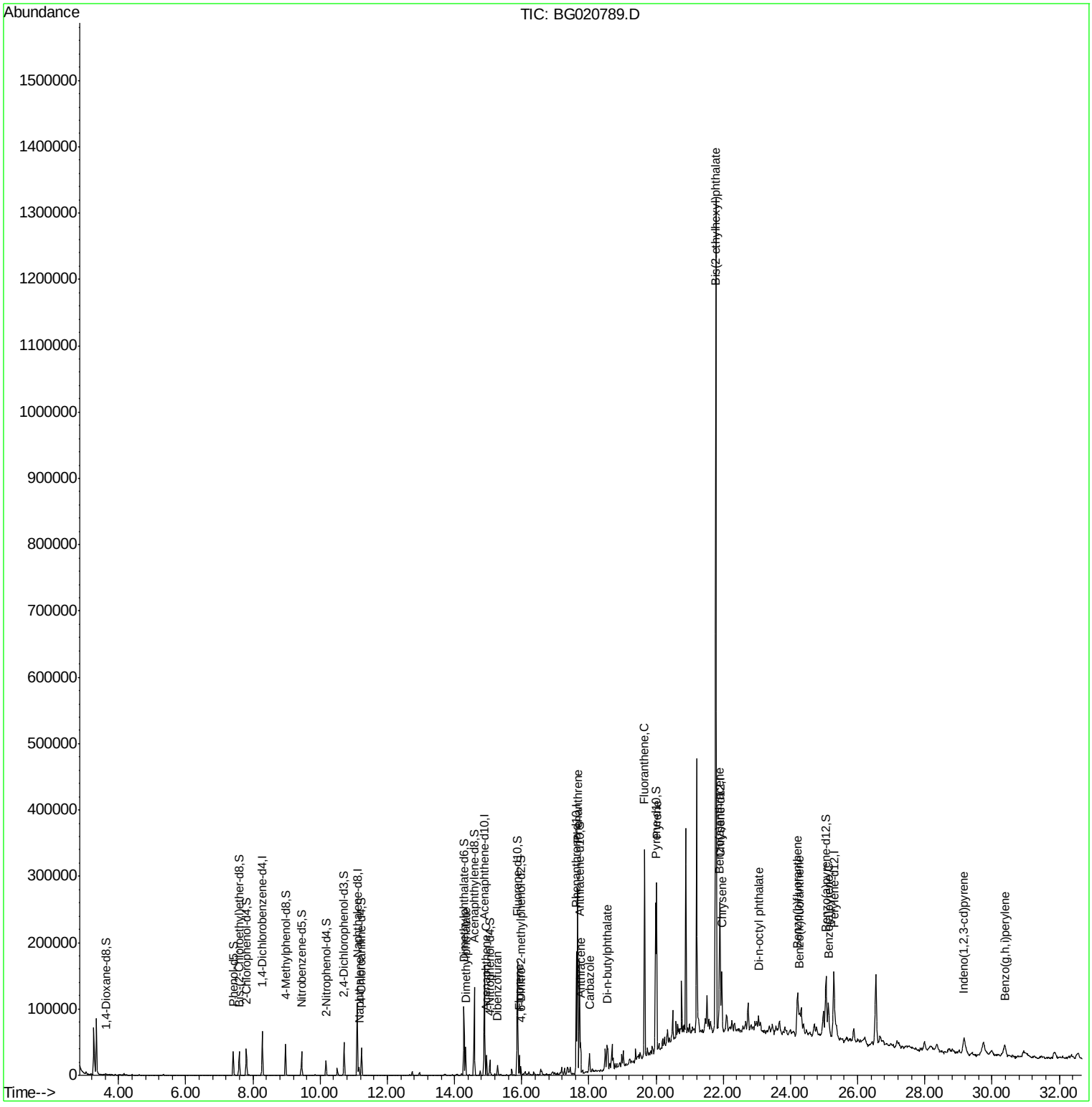
(#) = qualifier out of range (m) = manual integration (+) = signals summed

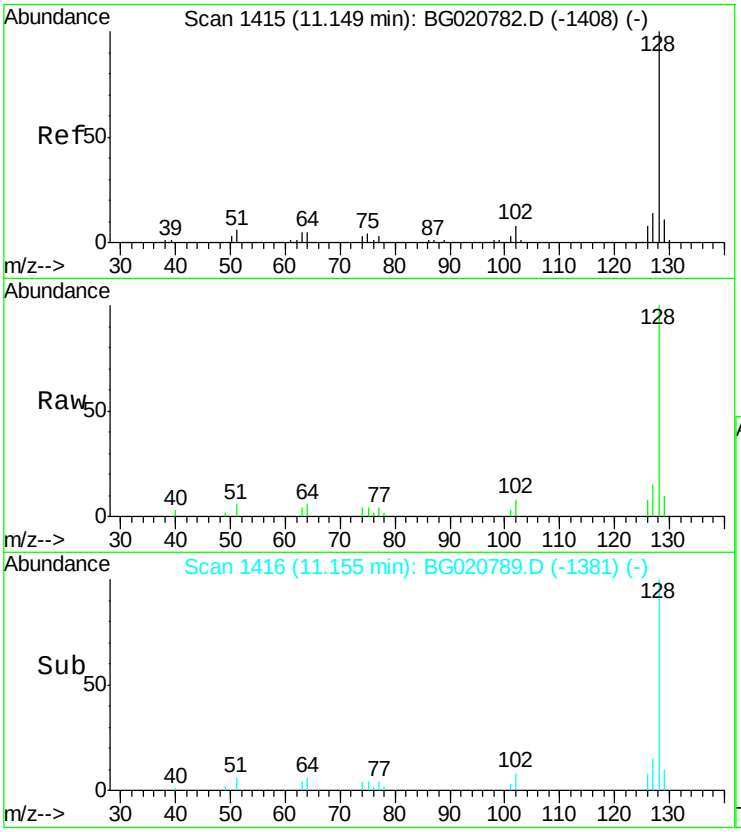
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020789.D
Acq On : 4 Feb 2016 16:30
Operator : SJ/IZ
Sample : H1334-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBG11

Quant Time: Feb 05 04:20:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration



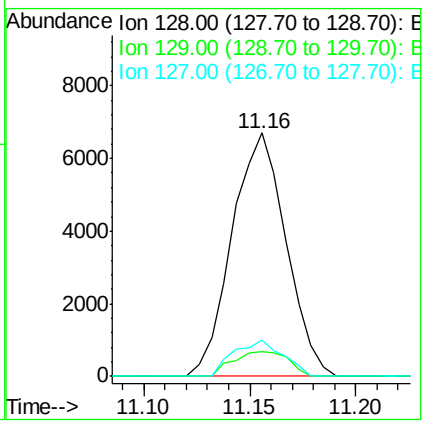


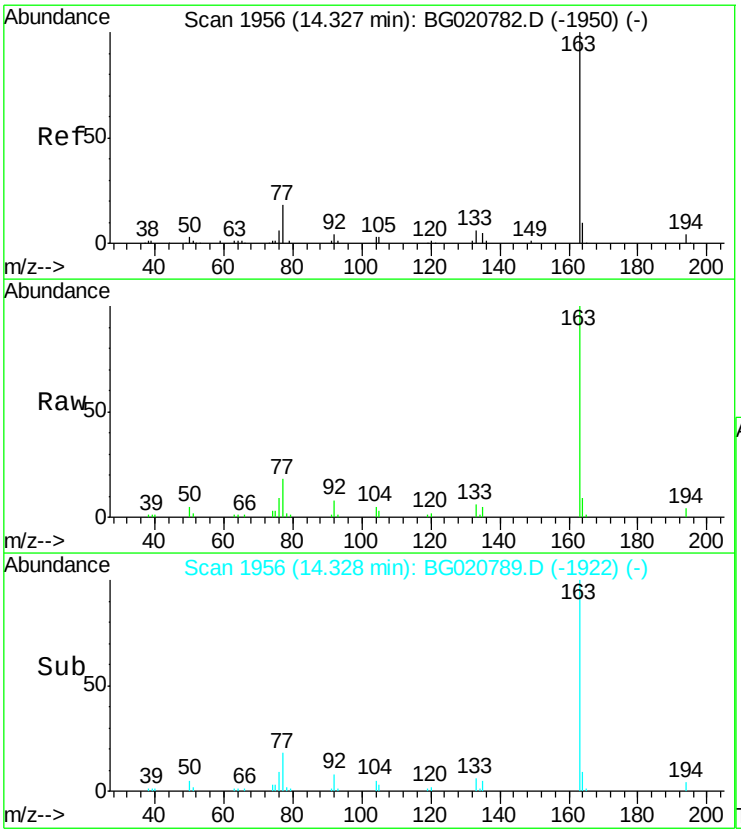
#28
Naphthalene
Concen: 2.01 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:128 Resp: 11869

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.3	12.5
127	15.1	10.8	16.2

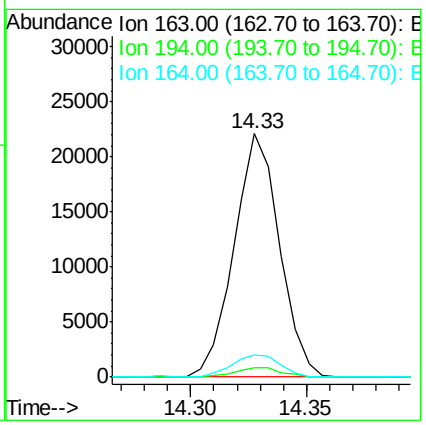


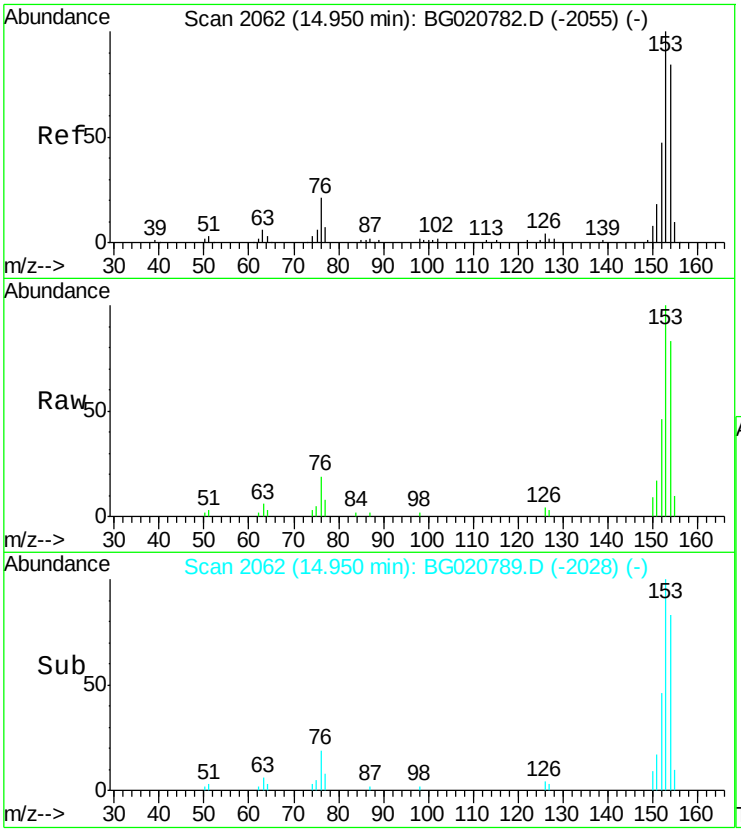


#45
Dimethylphthalate
Concen: 5.77 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:163 Resp: 30266

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	9.4	8.4	12.6



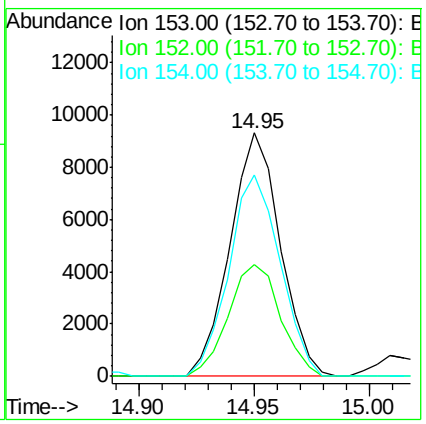


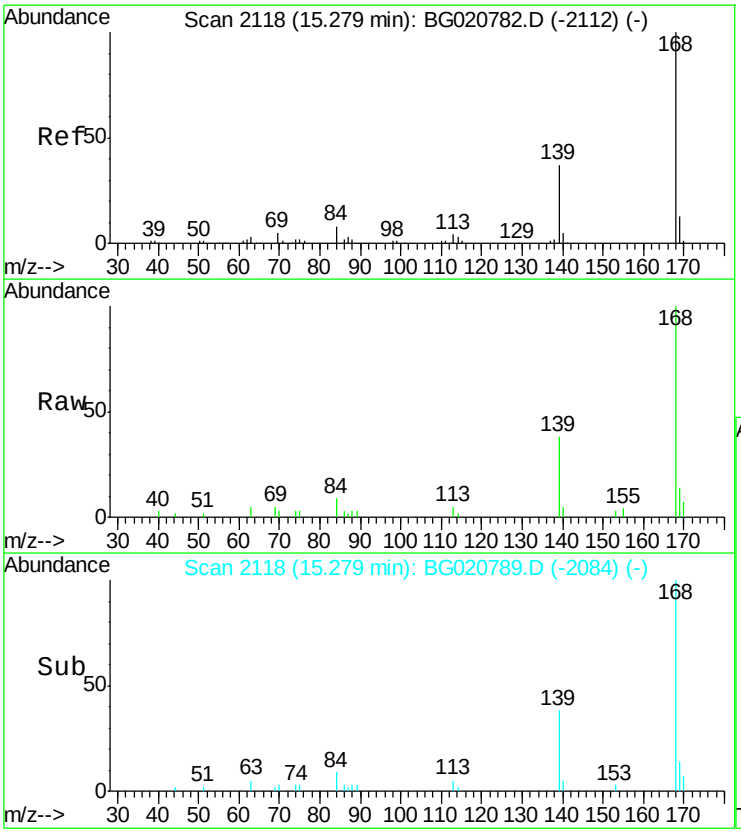
#50
Acenaphthene
Concen: 3.00 ng/ul
RT: 14.95 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:153 Resp: 14123

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.9	56.9
154	82.9	69.8	104.6

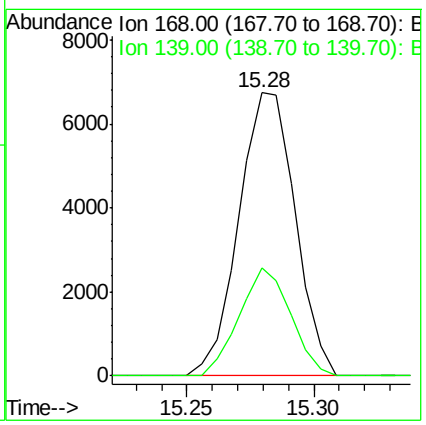


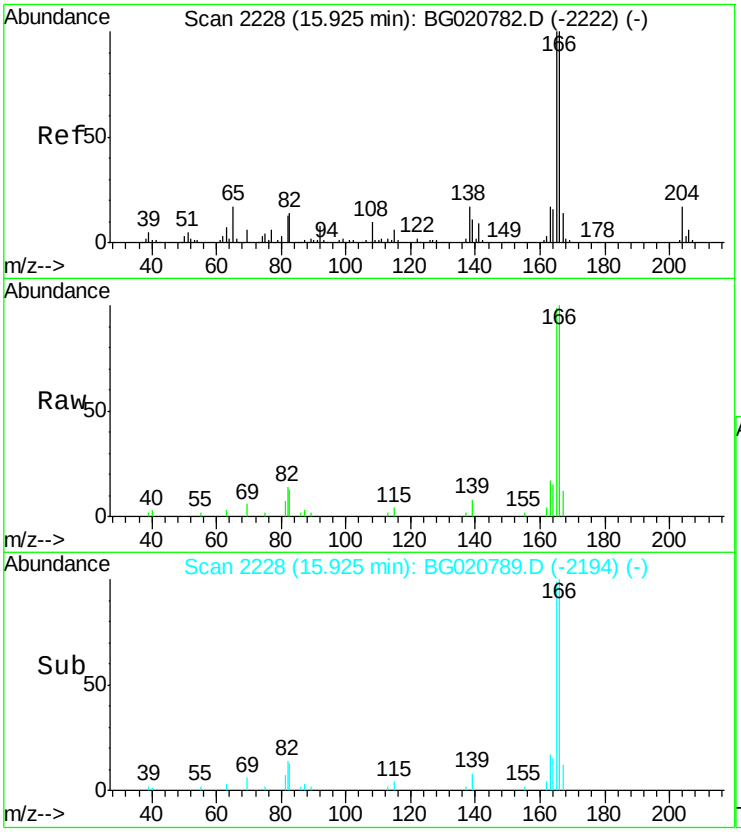


#54
Dibenzofuran
Concen: 1.70 ng/ul
RT: 15.28 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:168 Resp: 10443

Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.0	46.4



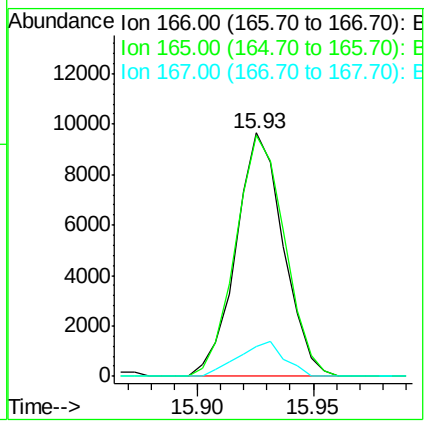


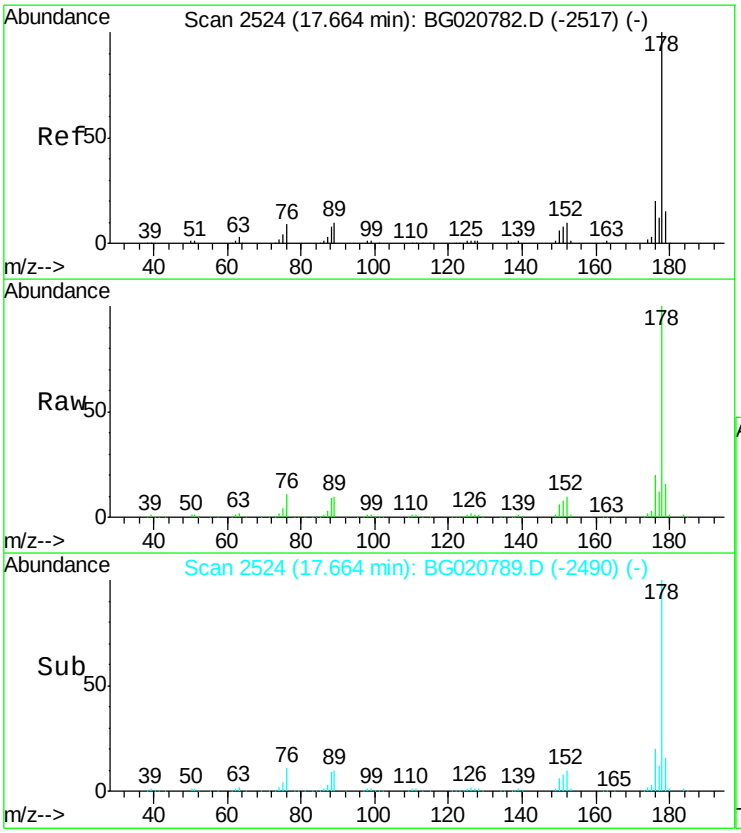
#59
Fluorene
Concen: 2.57 ng/ul
RT: 15.93 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:166 Resp: 13815

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	12.2	11.1	16.7

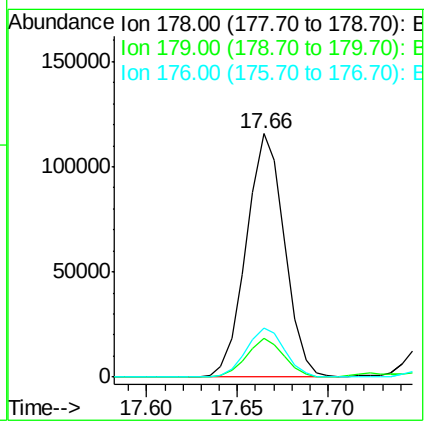


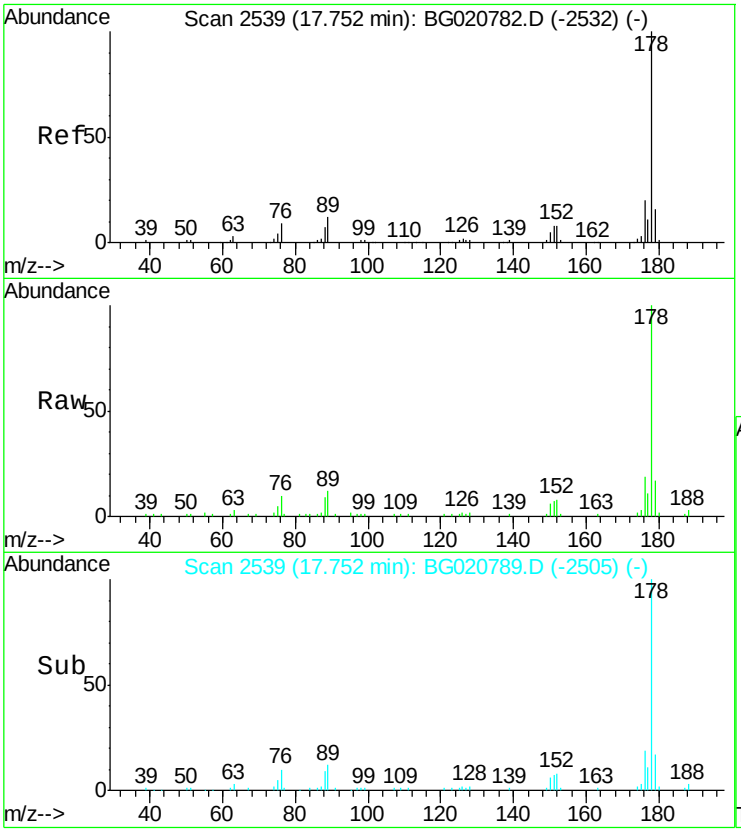


#70
Phenanthrene
Concen: 24.88 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:178 Resp: 170514

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.9	15.4	23.0



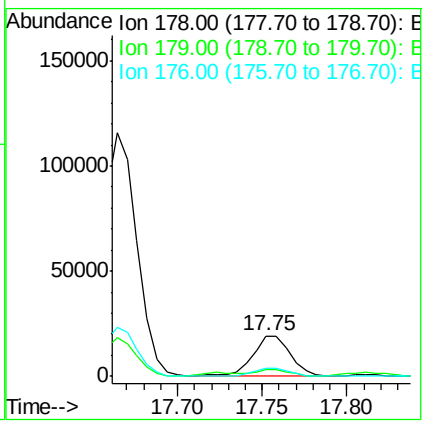


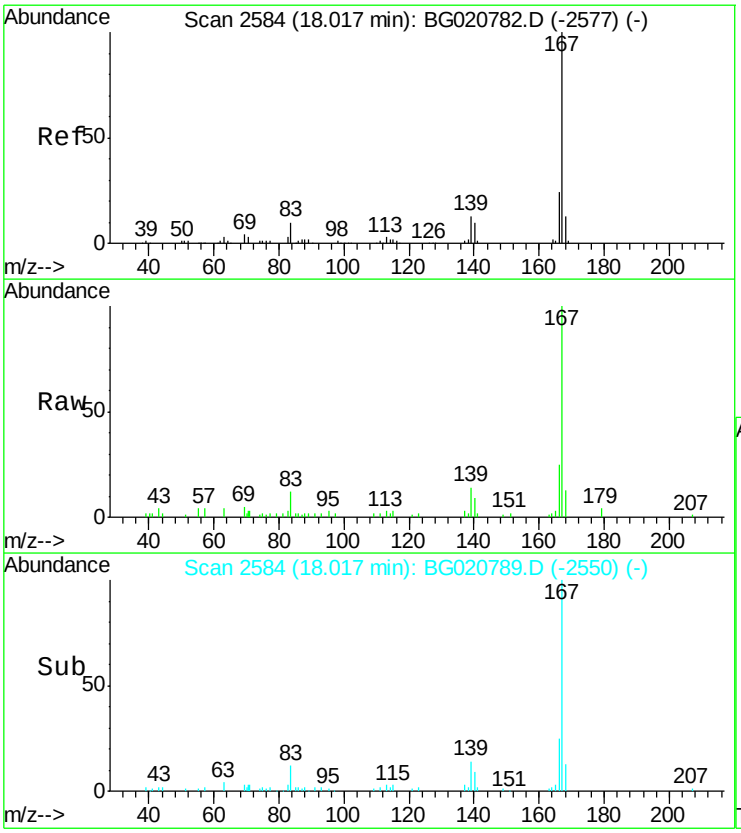
#72
Anthracene
Concen: 4.38 ng/ul
RT: 17.75 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:178 Resp: 30054

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.4	20.2
176	19.2	15.4	23.0

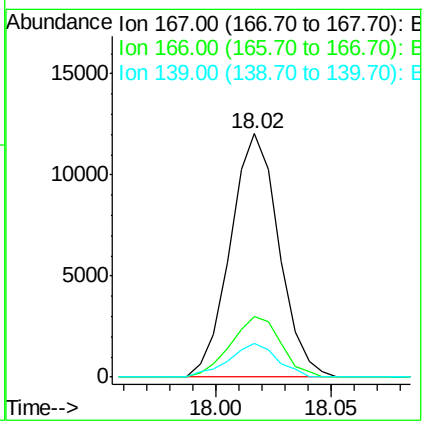


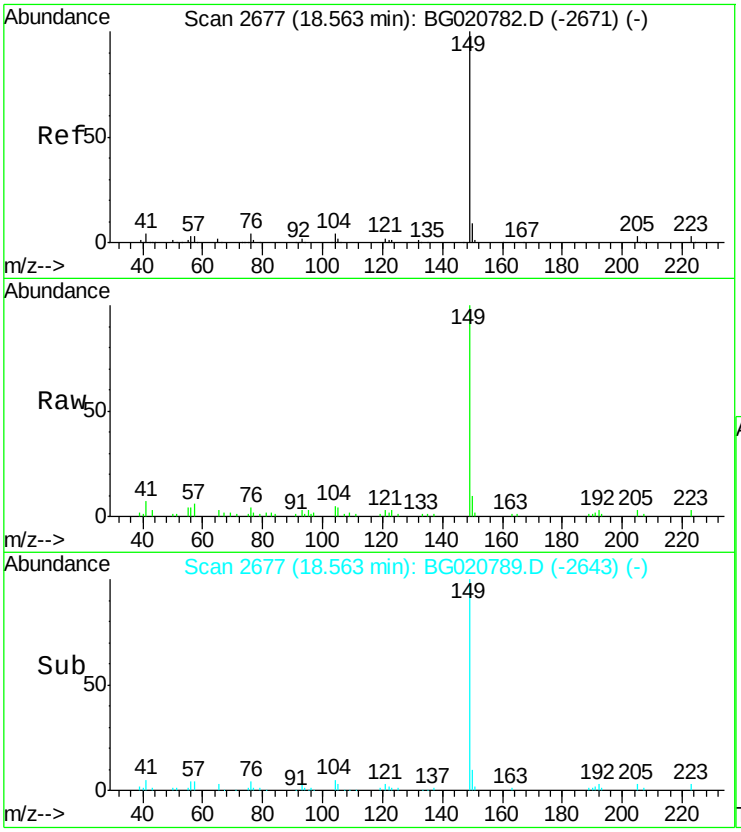


#75
Carbazole
Concen: 2.90 ng/ul
RT: 18.02 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:167 Resp: 17642

Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.0	25.4
139	13.6	9.1	13.7



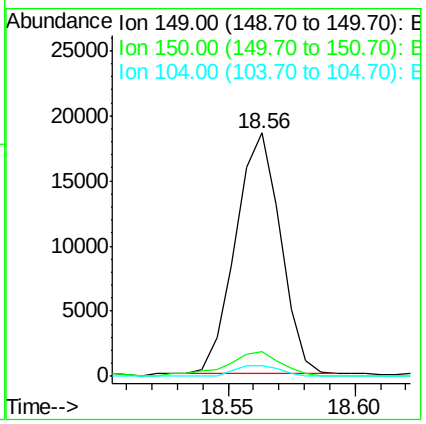


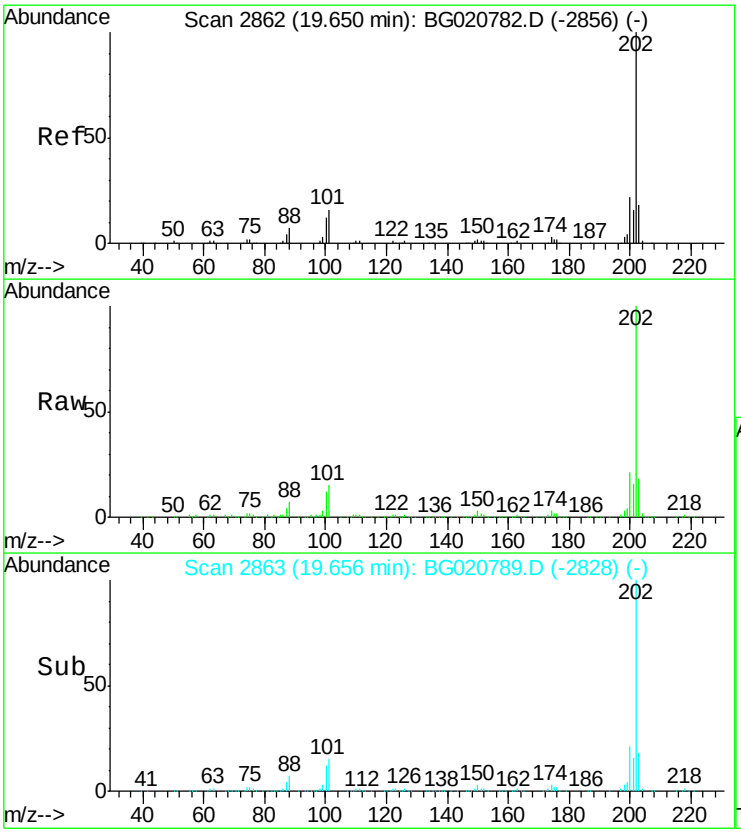
#76
Di-n-butylphthalate
Concen: 3.14 ng/ul
RT: 18.56 min Scan# 2677
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:149 Resp: 22891

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.5	11.3
104	4.6	4.1	6.1

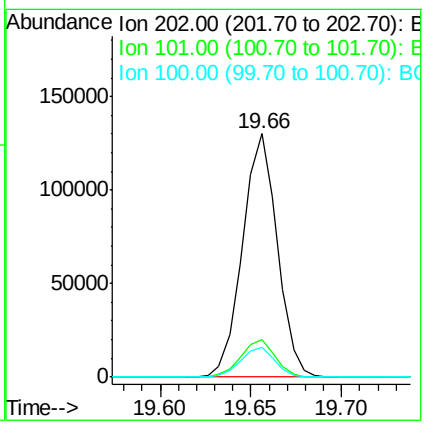


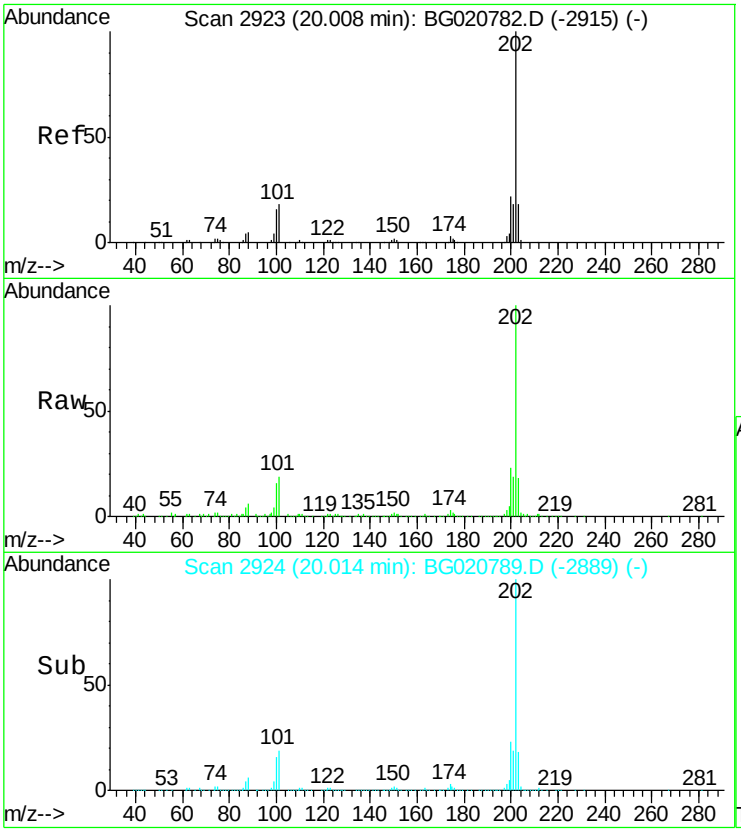


#77
Fluoranthene
Concen: 24.62 ng/ul
RT: 19.66 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:202 Resp: 173384

Ion	Ratio	Lower	Upper
202	100		
101	15.3	6.1	9.1#
100	12.2	4.6	7.0#



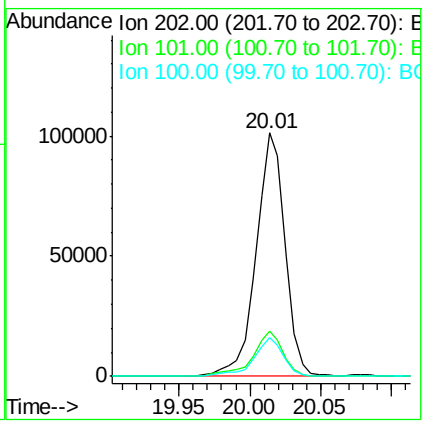


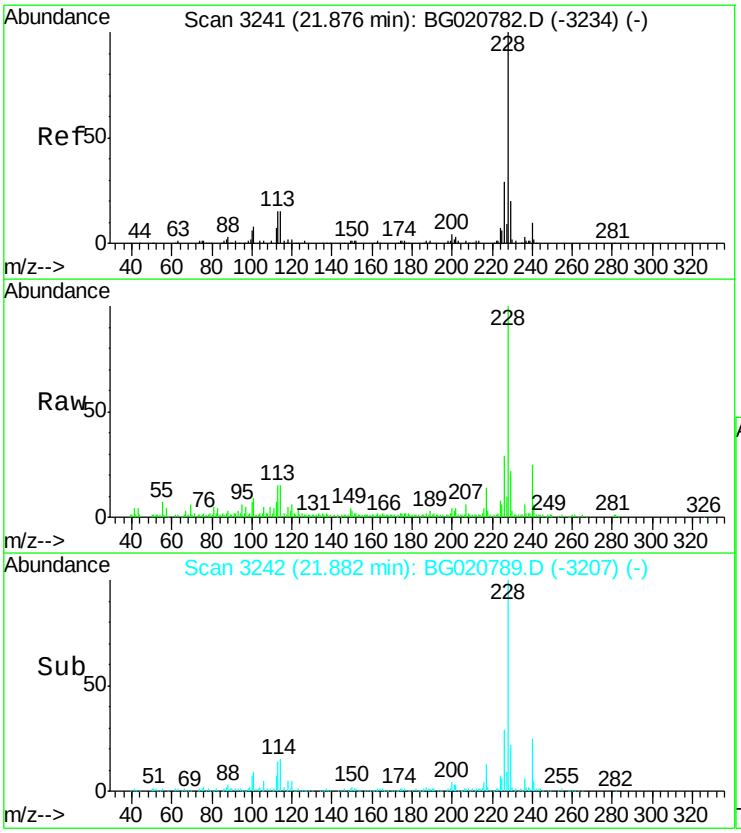
#80
Pyrene
Concen: 20.77 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:202 Resp: 146105

Ion	Ratio	Lower	Upper
202	100		
101	18.7	6.9	10.3#
100	16.1	5.6	8.4#

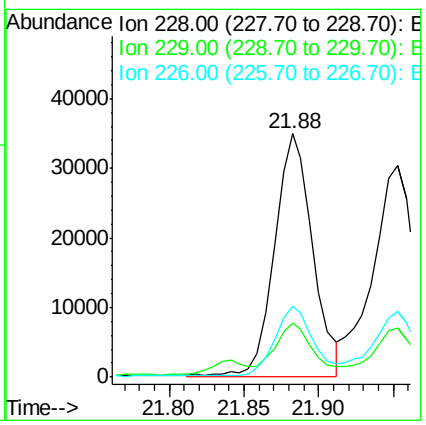


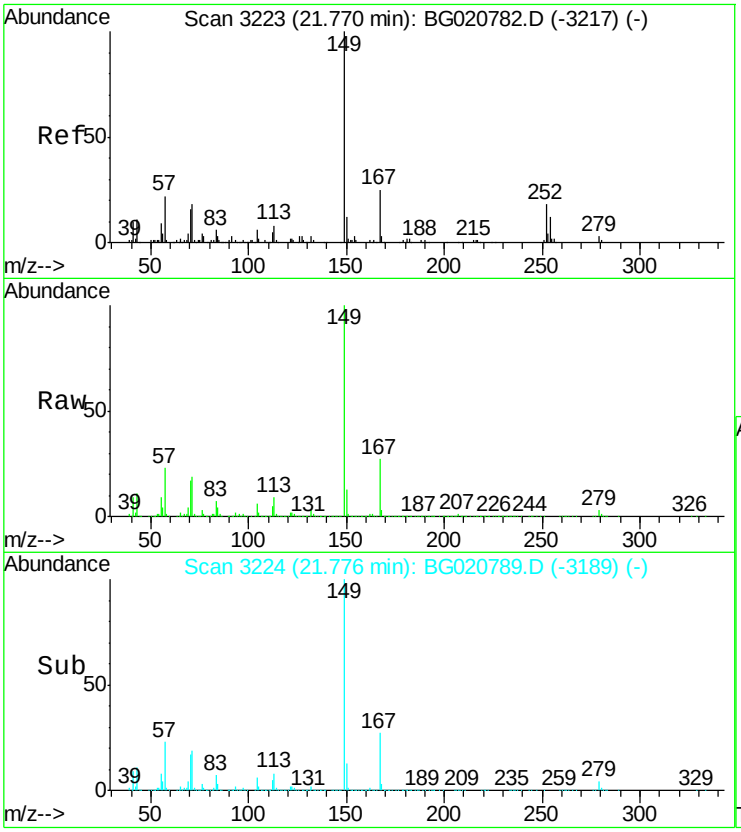


#83
Benzo(a)anthracene
Concen: 10.38 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:228 Resp: 62224

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.0	24.0
226	29.1	21.8	32.8



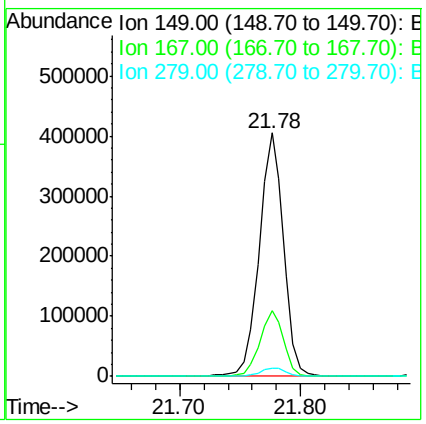


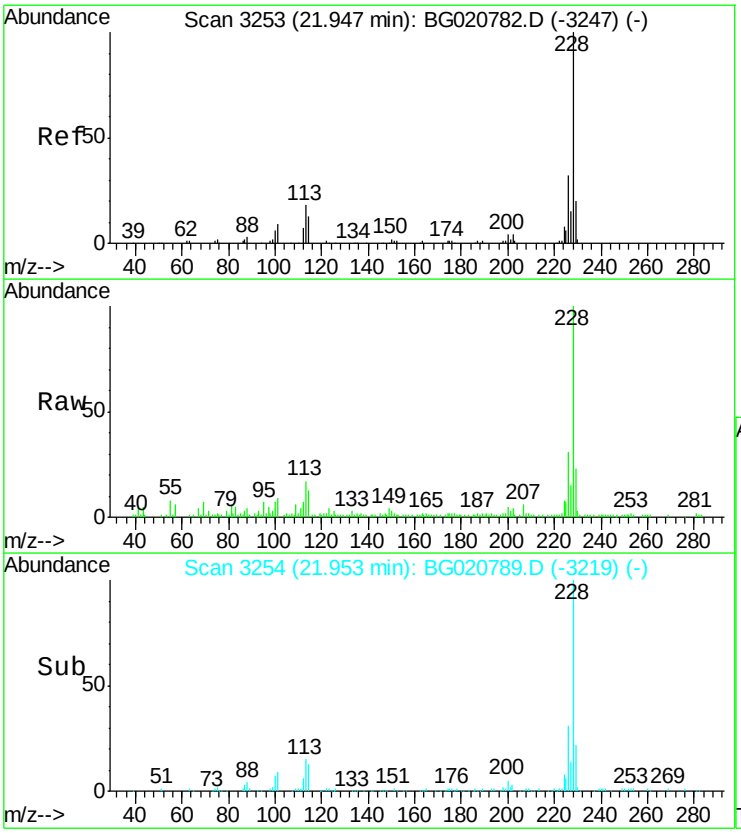
#84
Bis(2-ethylhexyl)phthalate
Concen: 132.12 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:149 Resp: 564881

Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.0	34.6
279	3.5	4.3	6.5#

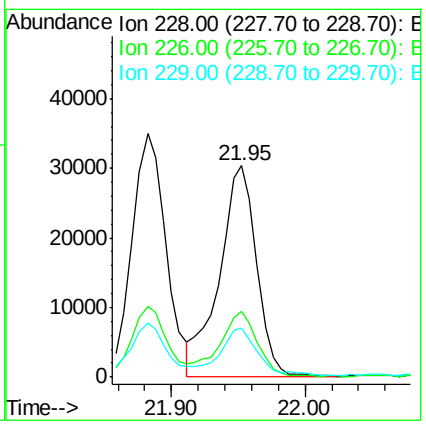


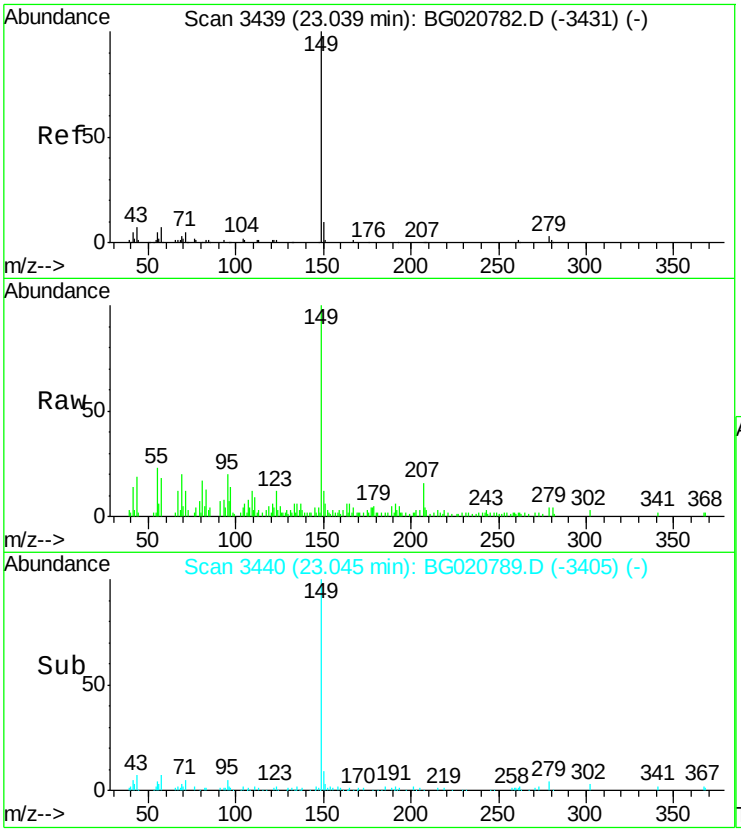


#85
Chrysene
Concen: 10.69 ng/ul
RT: 21.95 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:228 Resp: 59474

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	23.2	16.0	24.0

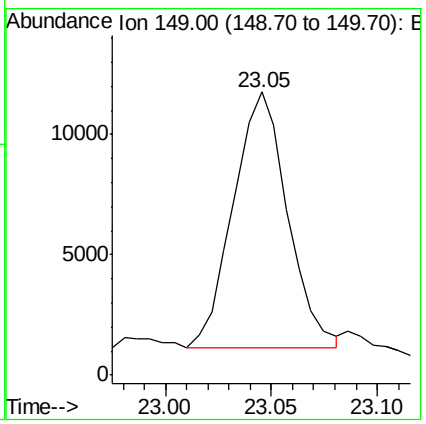


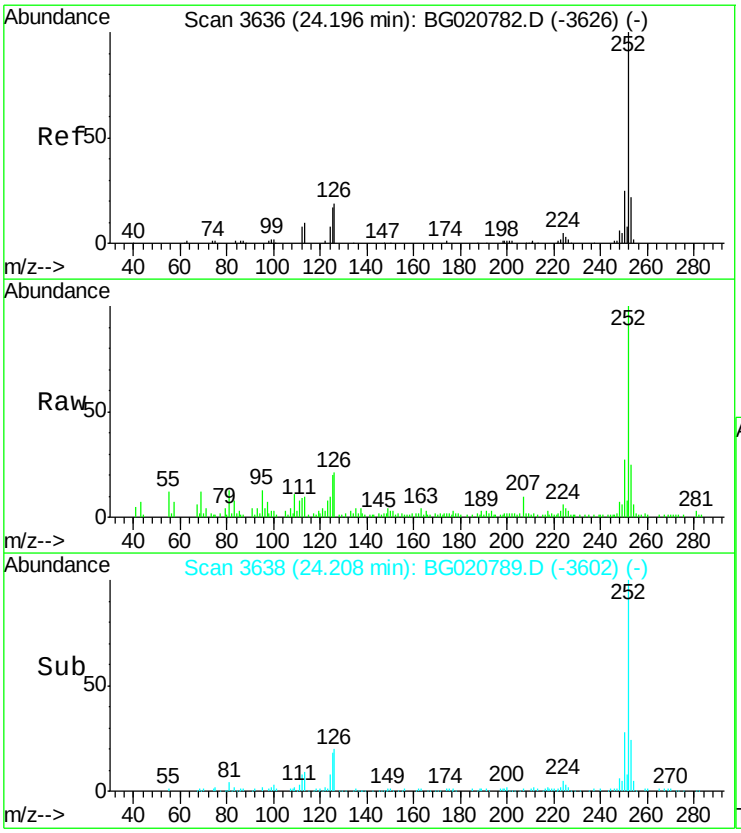


#87
Di-n-octyl phthalate
Concen: 2.59 ng/ul
RT: 23.05 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:149 Resp: 19002

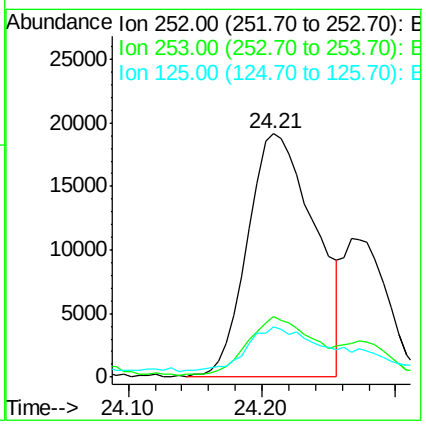


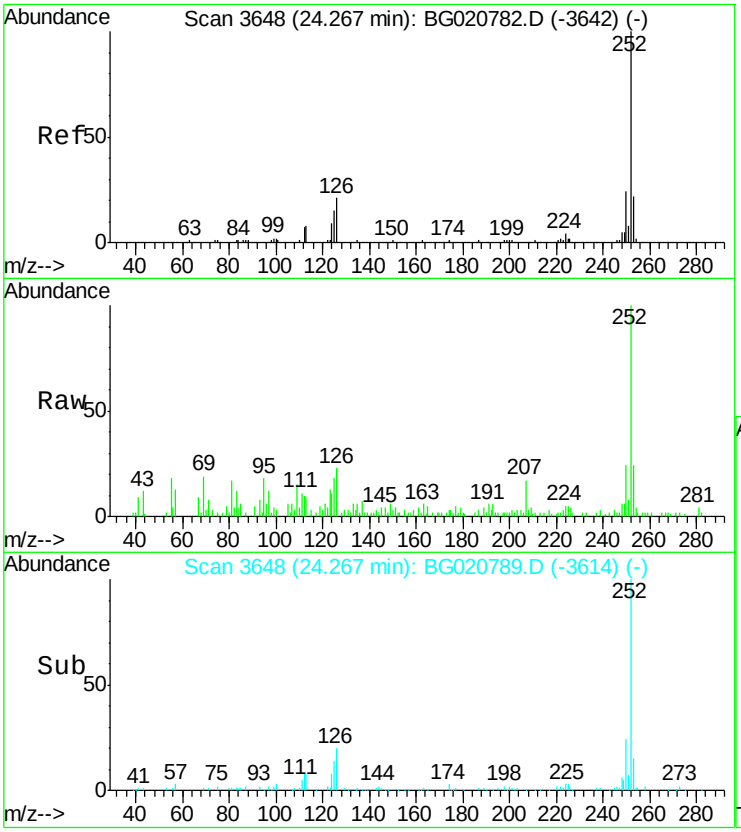


#88
Benzo(b)fluoranthene
Concen: 11.25 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:252 Resp: 67101

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	20.4	4.9	7.3#



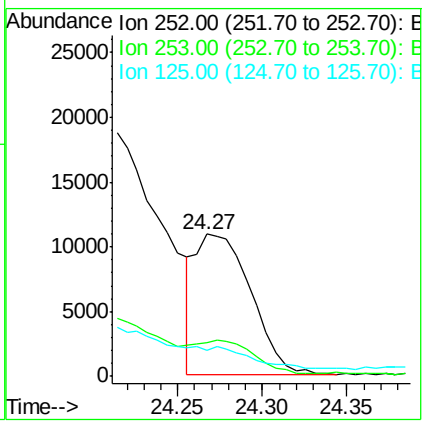


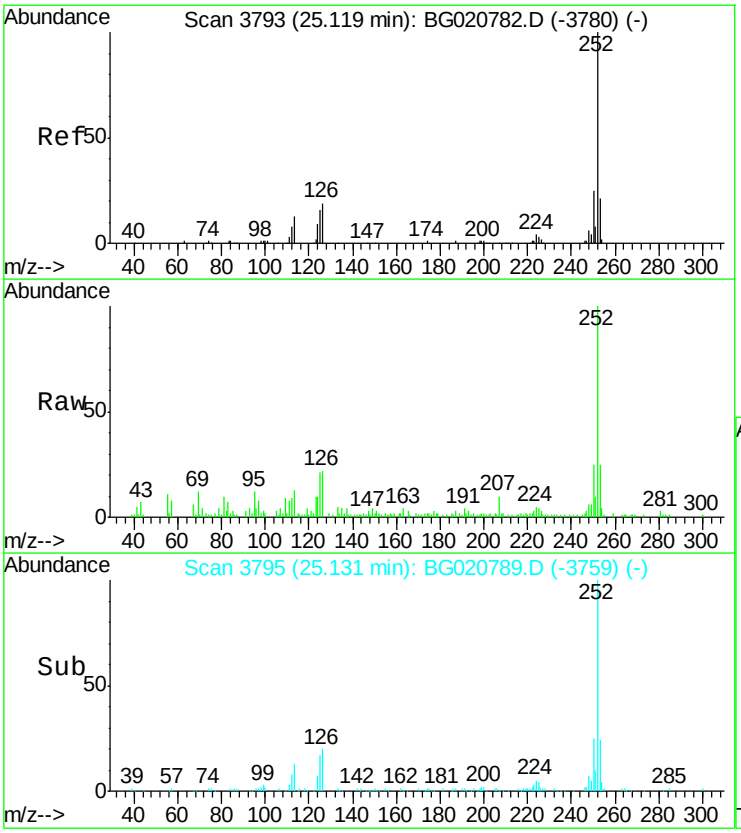
#89
Benzo(k)fluoranthene
Concen: 4.21 ng/ul
RT: 24.27 min Scan# 3648
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:252 Resp: 24592

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	18.2	5.4	8.0#

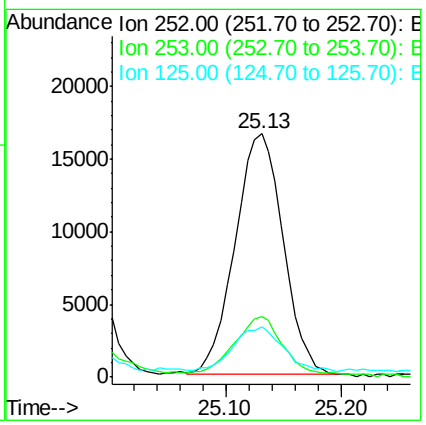


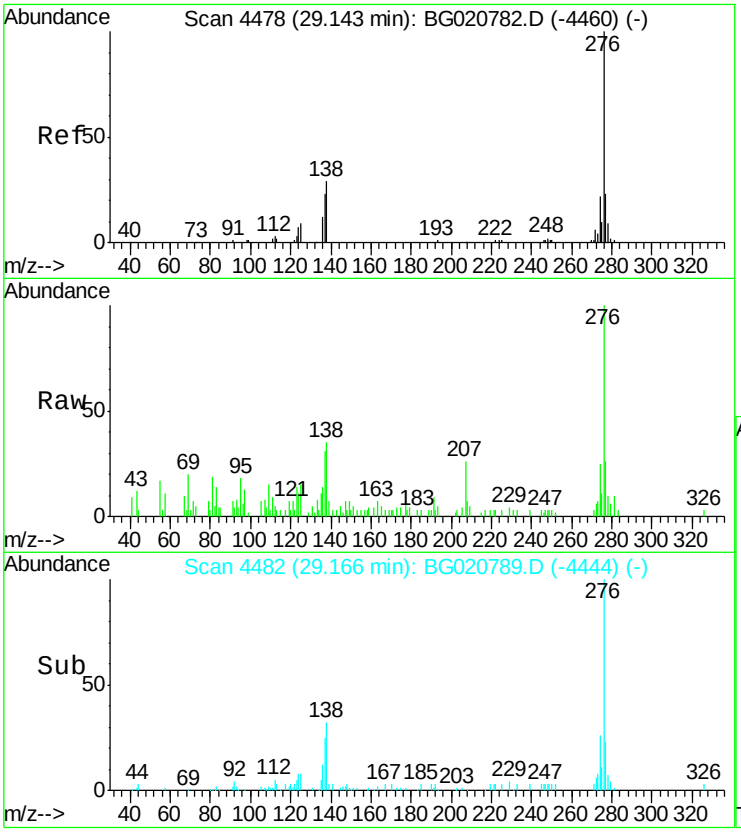


#91
Benzo(a)pyrene
Concen: 8.39 ng/ul
RT: 25.13 min Scan# 3795
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:252 Resp: 47888

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	20.7	5.8	8.6#



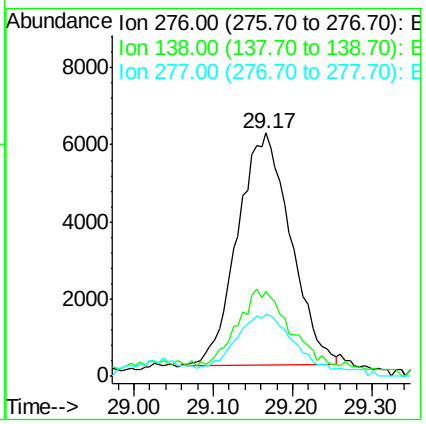


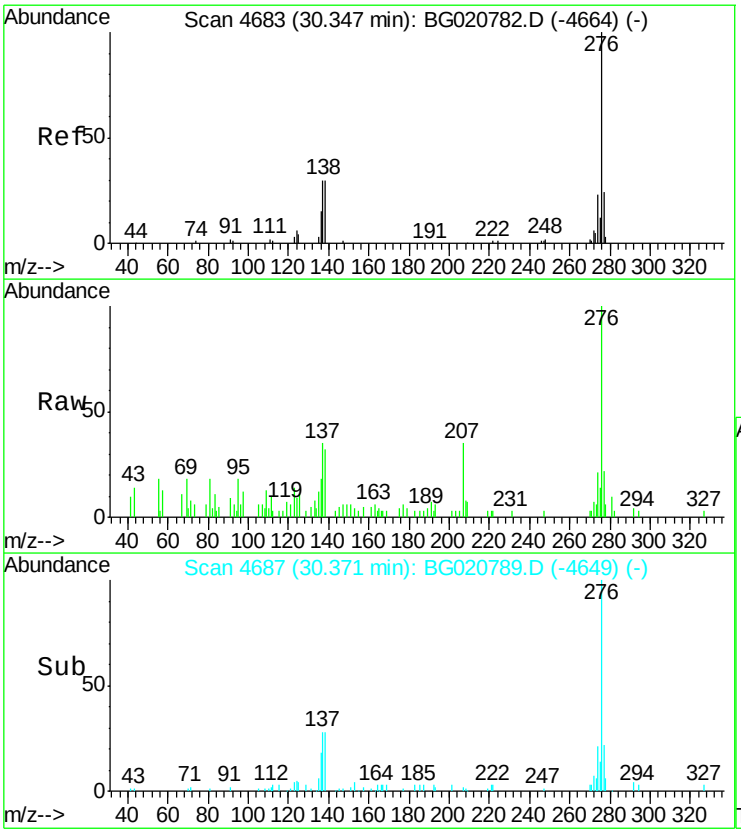
#92
Indeno(1,2,3-cd)pyrene
Concen: 4.20 ng/ul
RT: 29.17 min Scan# 4482
Delta R.T. 0.02 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tgt Ion:276 Resp: 28007

Ion	Ratio	Lower	Upper
276	100		
138	35.0	10.9	16.3#
277	25.5	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 2.91 ng/ul
RT: 30.37 min Scan# 4687
Delta R.T. 0.02 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:276 Resp: 15946

Ion	Ratio	Lower	Upper
276	100		
138	32.0	11.2	16.8#
277	21.9	19.0	28.6