Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Time: Nov 04 22:33:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 22:22:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	30832	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	129130	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	101586	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	274294	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	371991	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	351368	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	596	0.93	ng/uL	0.00
5) Phenol-d5	7.32	99	15202	5.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	59675	33.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	42379	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	33059	14.66	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	30866	32.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	35545	31.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	69973	28.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	6302	2.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	279154	33.33	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	304219	32.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	8097	6.09	ng/ul	0.00
58) Fluorene-d10	15.79	176	249828	32.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	54761	30.84	ng/ul	0.00
71) Anthracene-d10	17.65	188	423381	33.86	ng/ul	0.00
79) Pyrene-d10	19.92	212	527845	32.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	599022	33.97	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	9.38	77	3798	1.02	ng/ul#	26
28) Naphthalene	11.06	128	50000	7.74	ng/ul	95
35) 1-Methylnaphthalene	12.87	142	75170	15.30	ng/ul	99
41) 1,1'-Biphenyl	13.65	154	475160	66.17	ng/ul#	97
48) Acenaphthylene	14.54	152	27744	2.92	ng/ul#	87
50) Acenaphthene	14.88	153	680891	106.10	ng/ul	97
54) Dibenzofuran	15.21	168	1222076	129.31	ng/ul	90
59) Fluorene	15.85	166	156579	18.99	ng/ul	94
61) 4-Nitroaniline	15.85	138	2242	1.31	ng/ul#	1
70) Phenanthrene	17.59	178	497053	35.91	ng/ul	97
72) Anthracene	17.68	178	101639	7.20	ng/ul	97
75) Carbazole	17.96	167	954806	84.80	ng/ul	94
77) Fluoranthene	19.59	202	192818	10.76	ng/ul	97
80) Pyrene	19.95	202	103351	4.95	ng/ul#	94

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
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BCY33

Quant Time: Nov 04 22:33:43 2015
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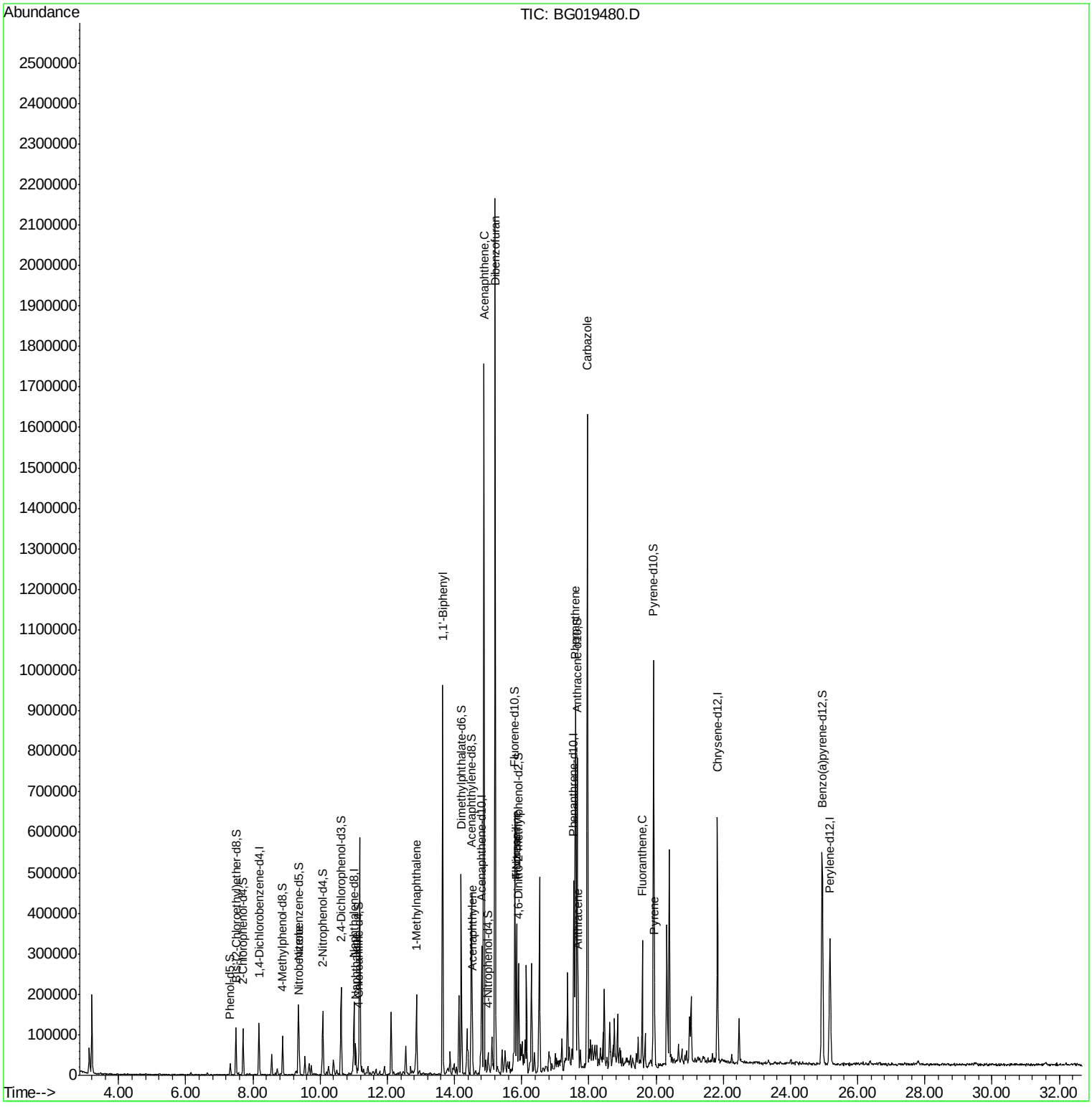
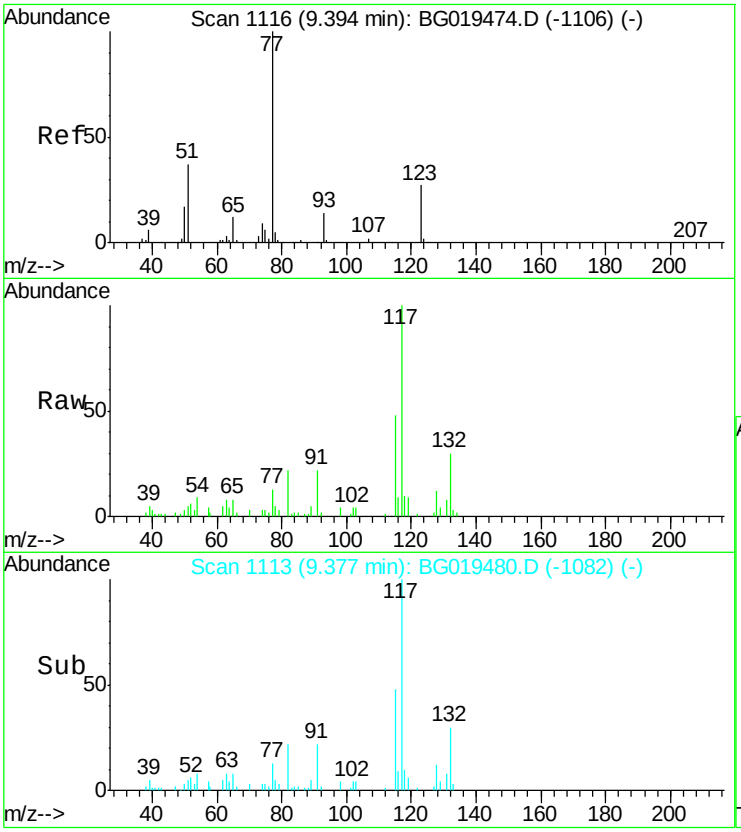
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 22:22:38 2015
Response via : Initial Calibration



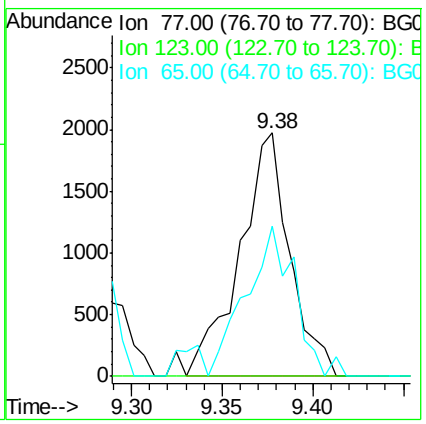


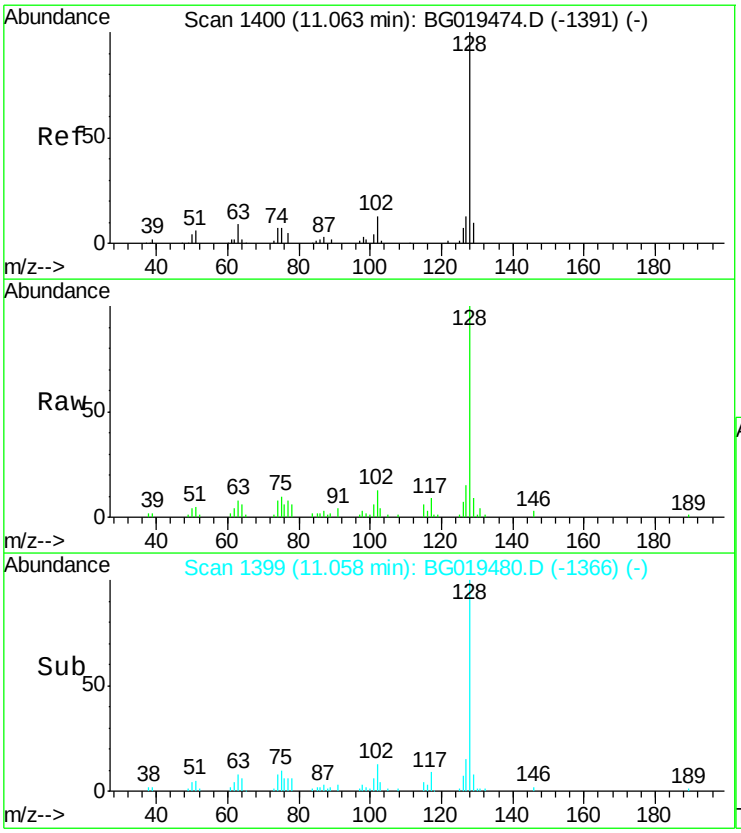
#20
Nitrobenzene
Concen: 1.02 ng/ul
RT: 9.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tgt Ion: 77 Resp: 3798

Ion	Ratio	Lower	Upper
77	100		
123	0.0	23.4	35.2#
65	61.5	11.6	17.4#

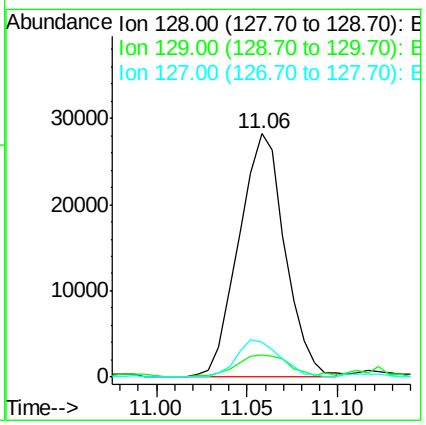


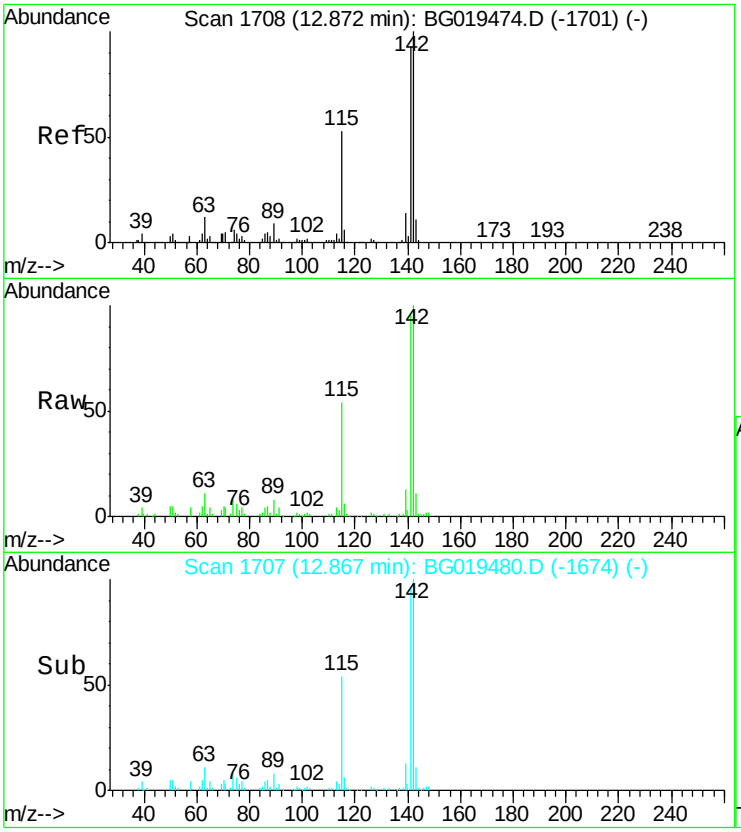


#28
Naphthalene
Concen: 7.74 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:128 Resp: 50000

Ion	Ratio	Lower	Upper
128	100		
129	9.1	8.9	13.3
127	14.5	13.1	19.7



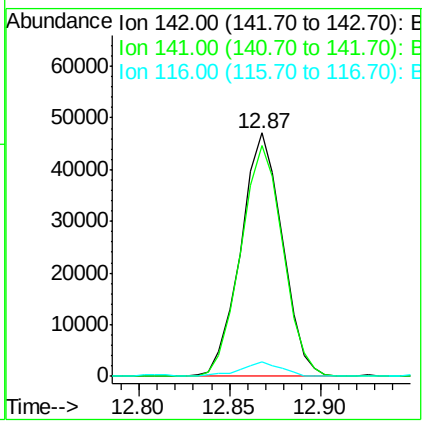


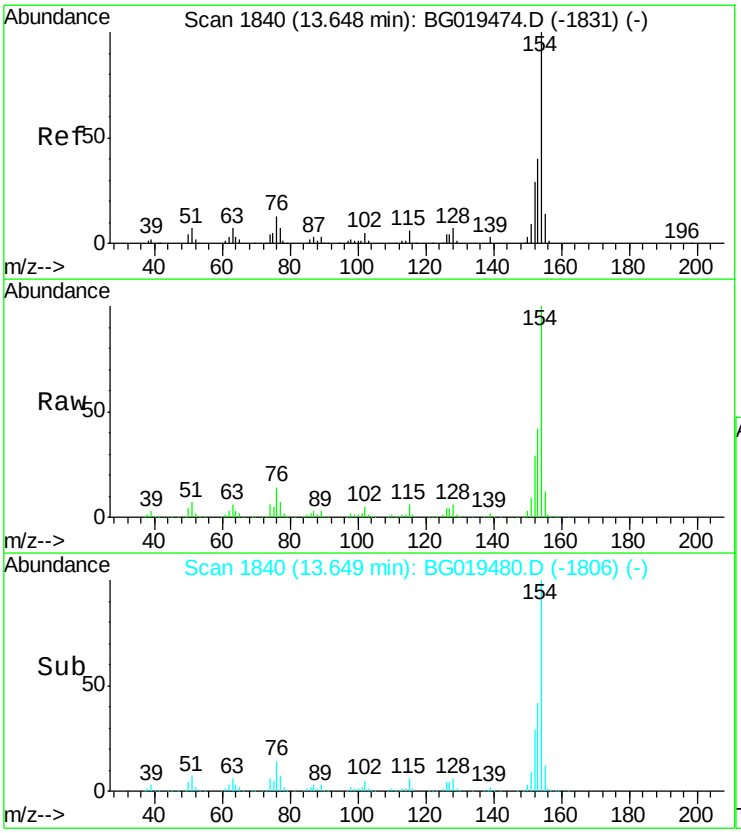
#35
1-Methylnaphthalene
Concen: 15.30 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tgt Ion:142 Resp: 75170

Ion	Ratio	Lower	Upper
142	100		
141	94.7	76.5	114.7
116	6.2	5.4	8.0

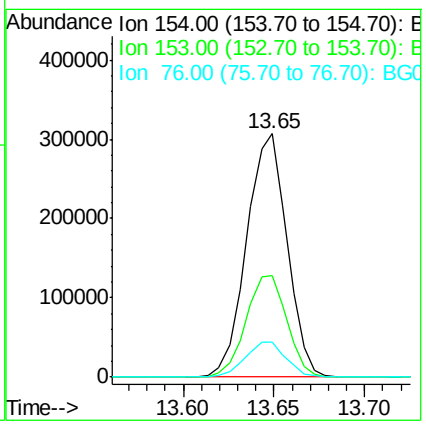


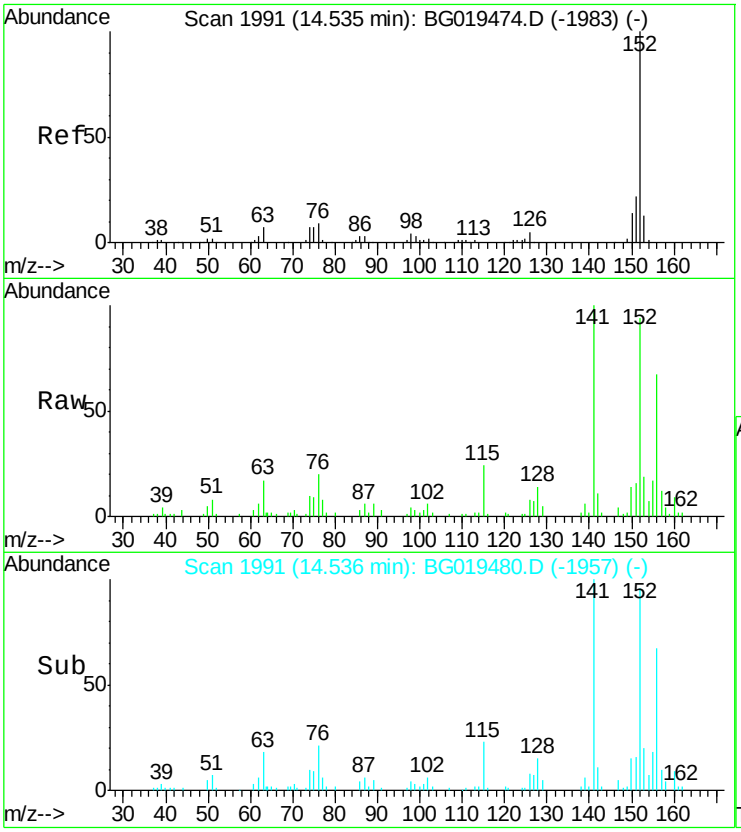


#41
1,1'-Biphenyl
Concen: 66.17 ng/ul
RT: 13.65 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:154 Resp: 475160

Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.8	49.2
76	14.3	7.7	11.5#



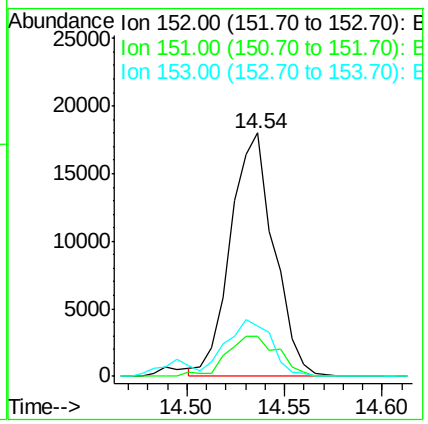


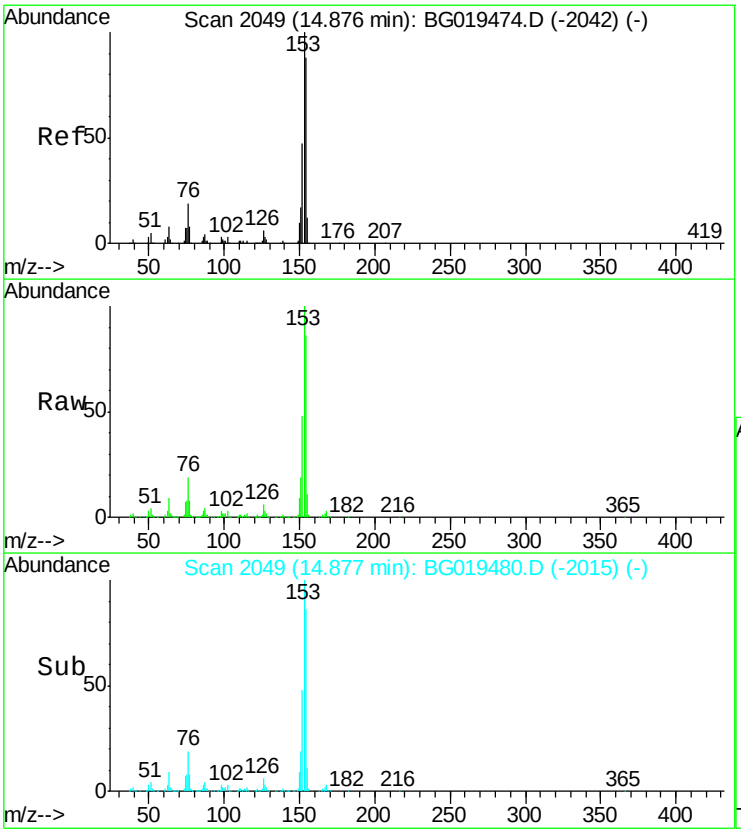
#48
Acenaphthylene
Concen: 2.92 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tgt Ion:152 Resp: 27744

Ion	Ratio	Lower	Upper
152	100		
151	16.7	16.9	25.3#
153	20.7	10.8	16.2#

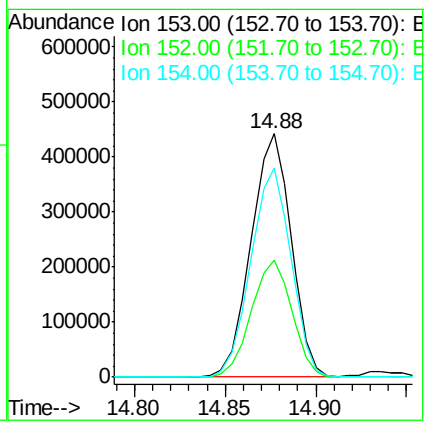


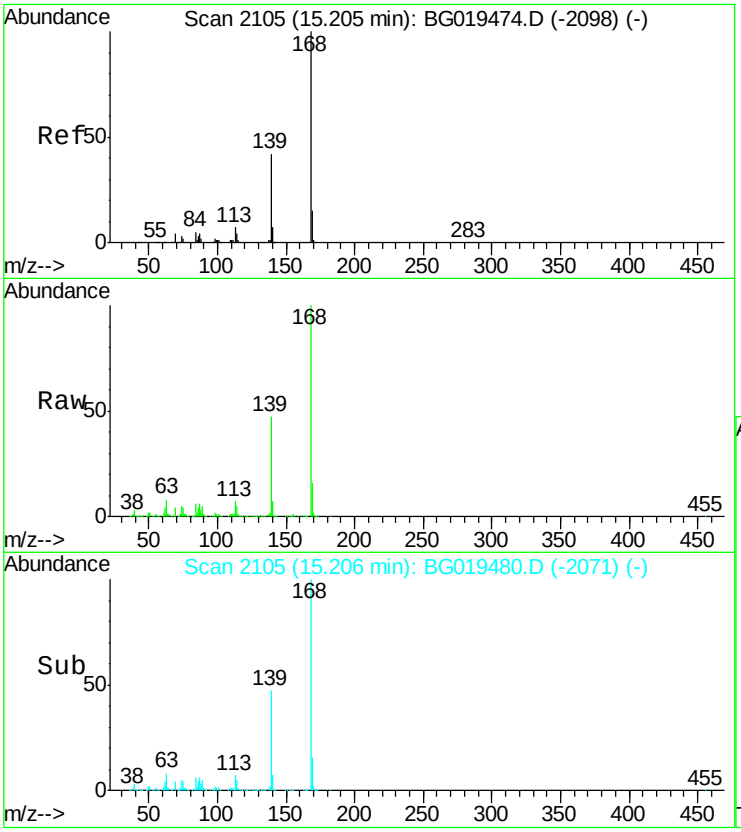


#50
Acenaphthene
Concen: 106.10 ng/ul
RT: 14.88 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:153 Resp: 680891

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.8	58.2
154	85.7	71.5	107.3



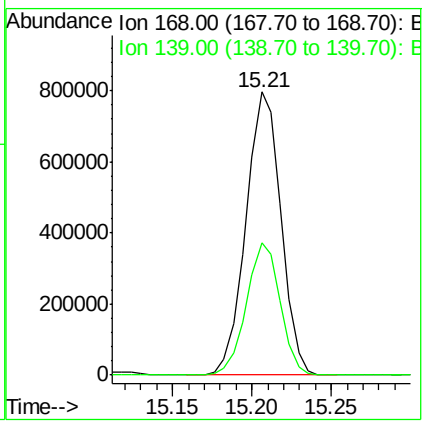


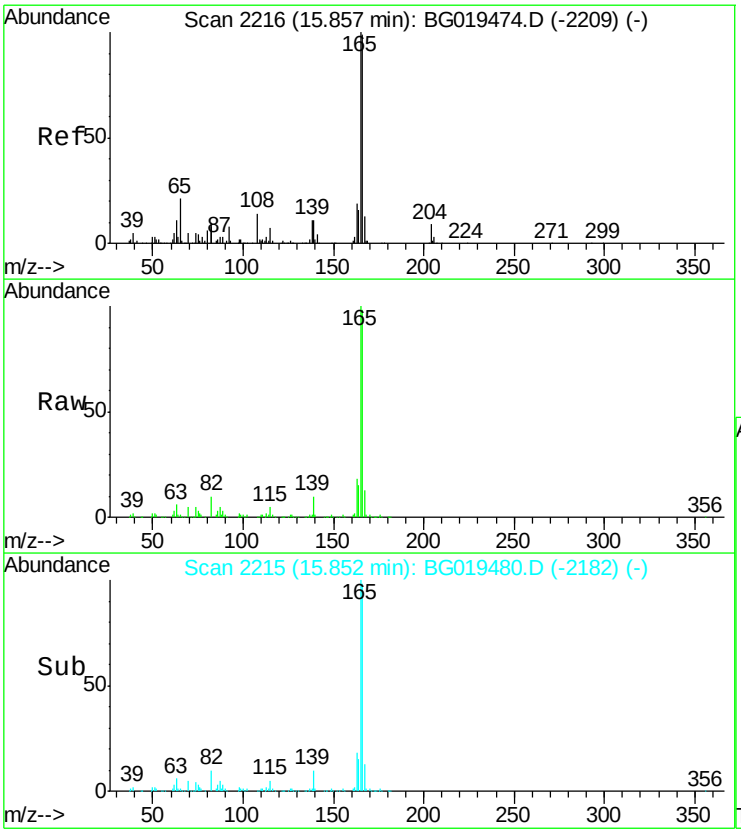
#54
Dibenzofuran
Concen: 129.31 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tgt Ion:168 Resp: 1222076

Ion	Ratio	Lower	Upper
168	100		
139	46.5	32.4	48.6

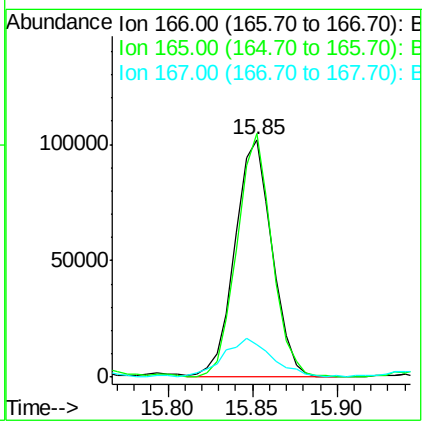


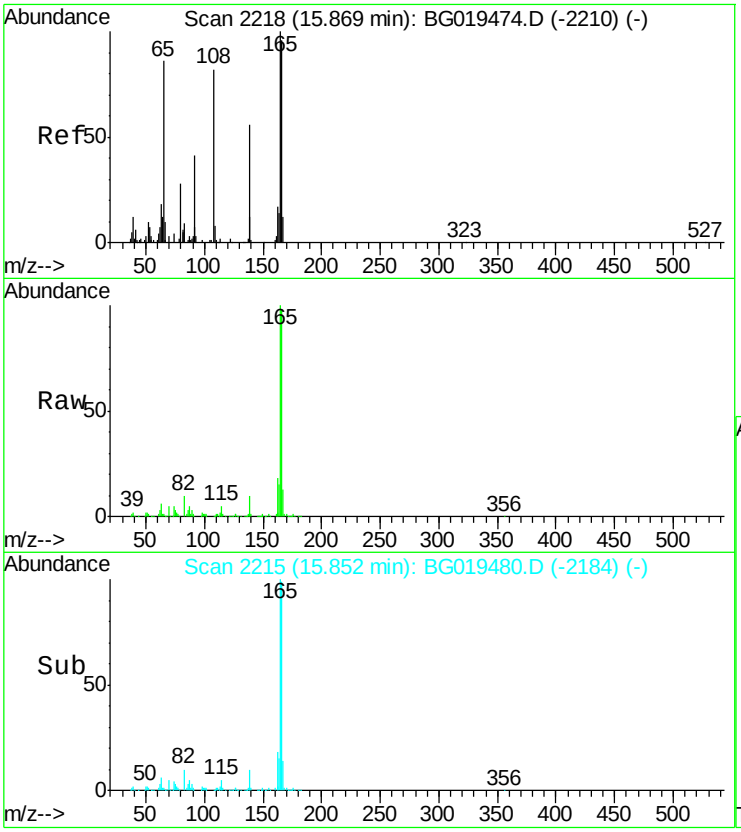


#59
Fluorene
Concen: 18.99 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:166 Resp: 156579

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.6	116.4
167	13.8	9.6	14.4



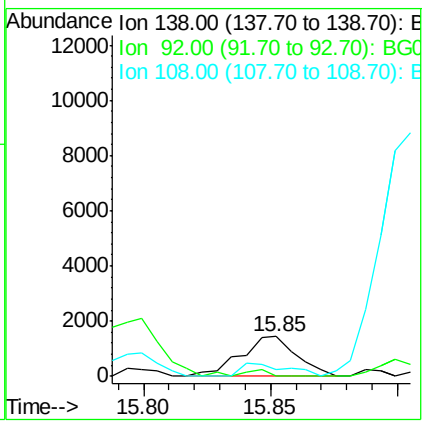


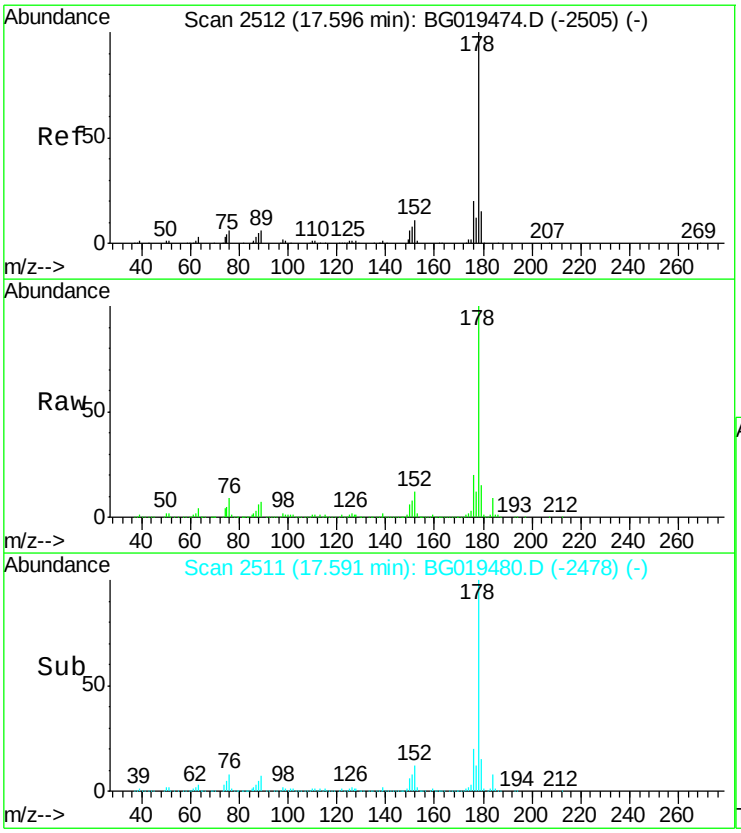
#61
4-Nitroaniline
Concen: 1.31 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tgt Ion:138 Resp: 2242

Ion	Ratio	Lower	Upper
138	100		
92	0.0	53.9	80.9#
108	17.6	122.5	183.7#

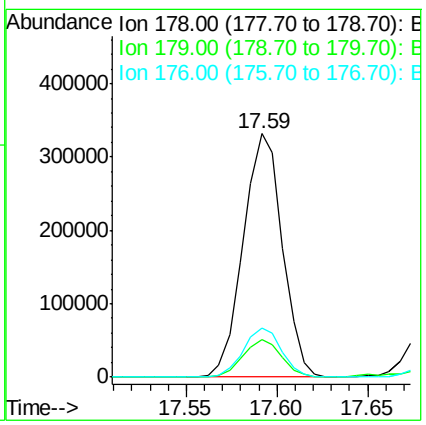


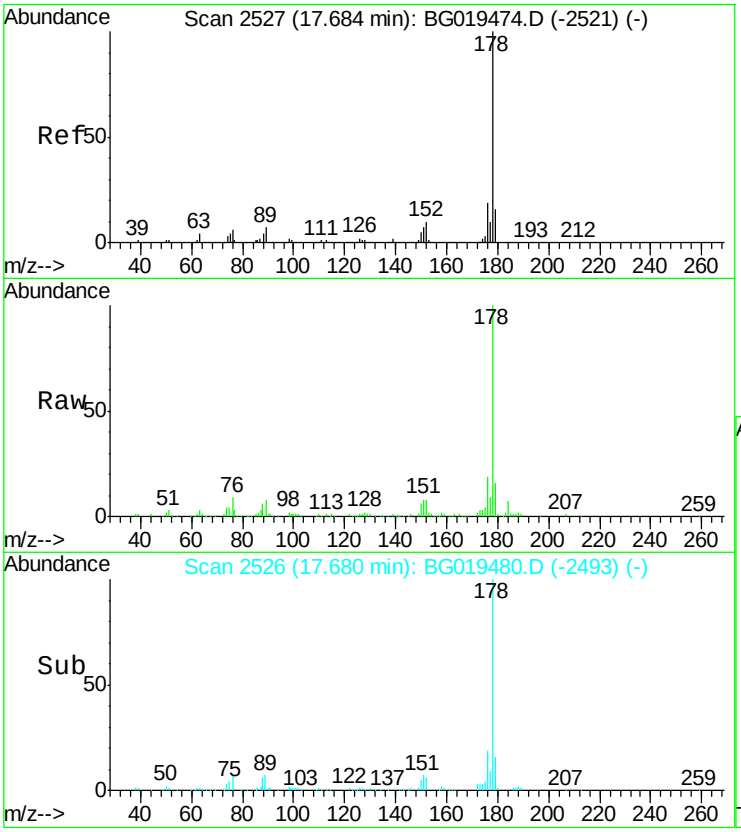


#70
Phenanthrene
Concen: 35.91 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:178 Resp: 497053

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	20.1	14.3	21.5



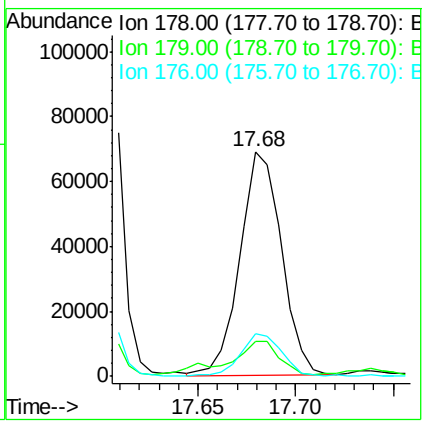


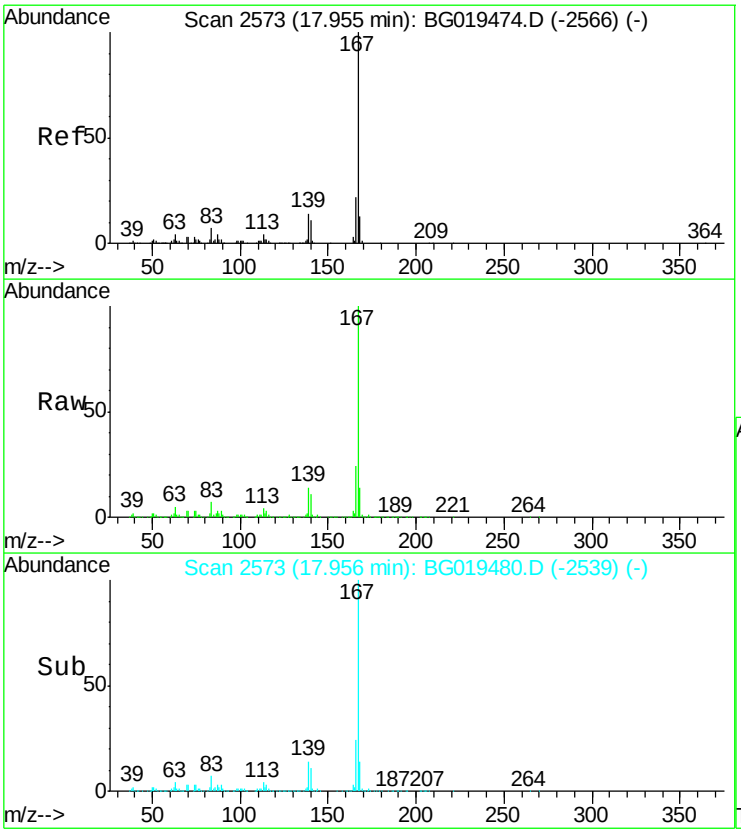
#72
Anthracene
Concen: 7.20 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tgt Ion:178 Resp: 101639

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.6	17.4
176	19.1	14.2	21.4

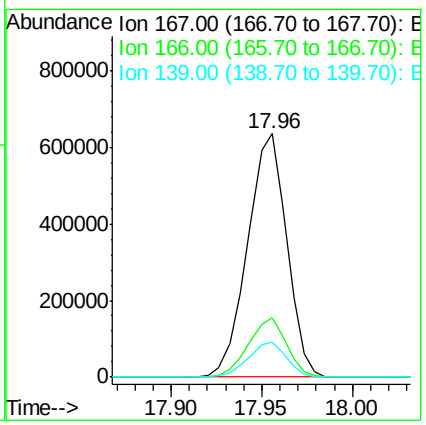


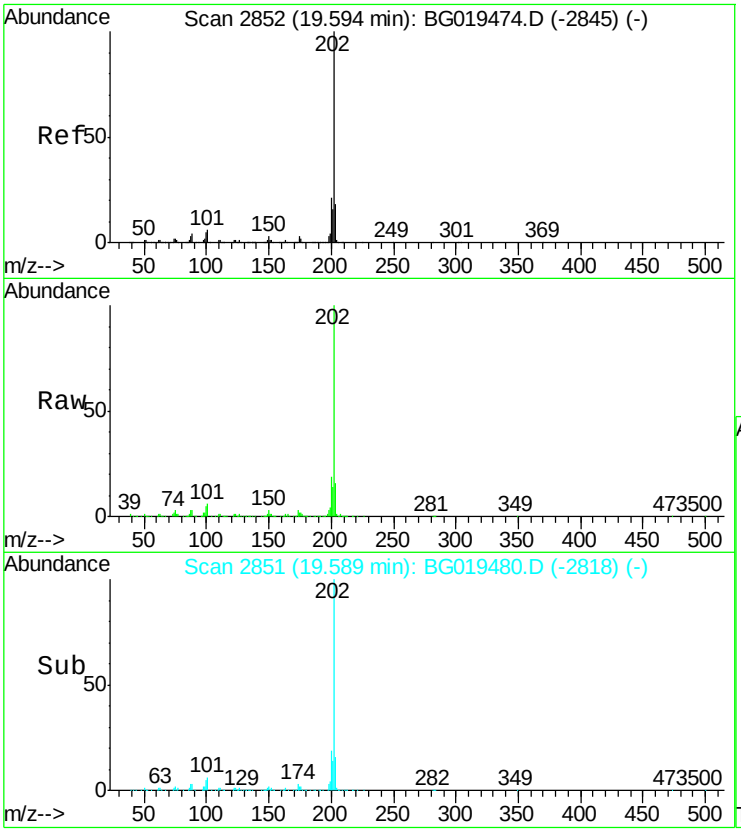


#75
Carbazole
Concen: 84.80 ng/ul
RT: 17.96 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:167 Resp: 954806

Ion	Ratio	Lower	Upper
167	100		
166	24.2	16.8	25.2
139	14.5	9.8	14.6



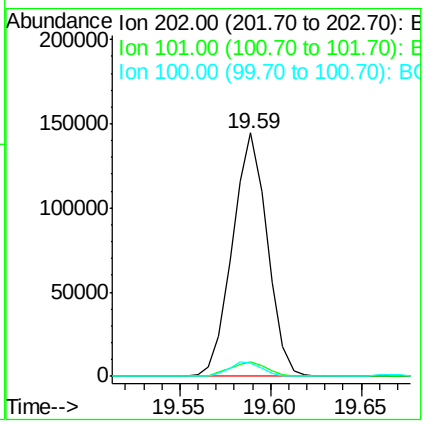


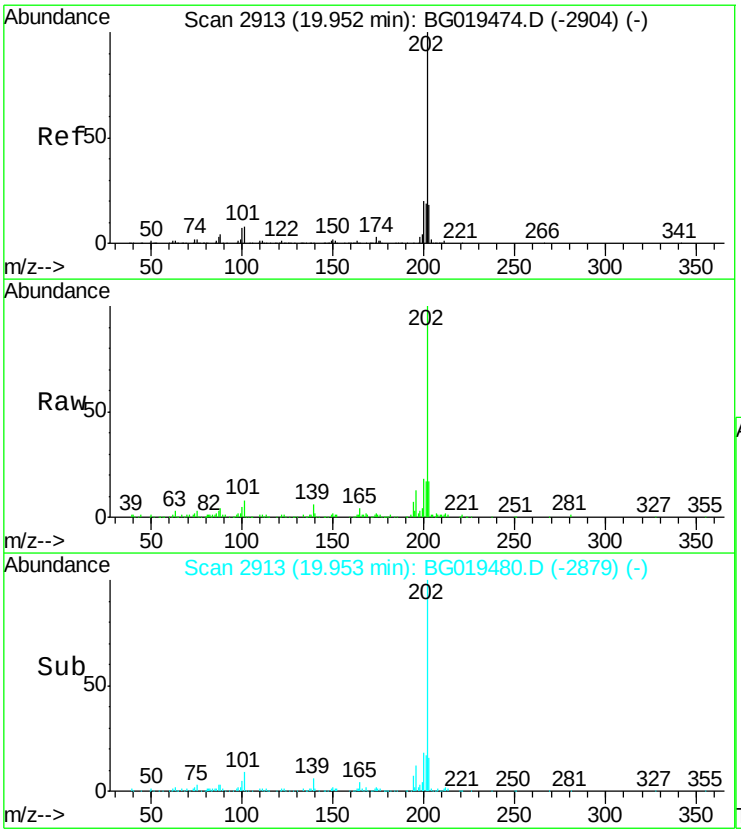
#77
Fluoranthene
Concen: 10.76 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tgt Ion:202 Resp: 192818

Ion	Ratio	Lower	Upper
202	100		
101	6.0	4.0	6.0
100	5.4	3.6	5.4





#80
Pyrene
Concen: 4.95 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:202 Resp: 103351

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.3	6.5#
100	5.3	3.6	5.4