Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020294.D
Acq On : 19 Dec 2015 3:33
Operator : UM/SJ
Sample : G4768-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N38

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Quant Time: Dec 19 05:51:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 04:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	75095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	52812	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	129642	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	182054	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	167853	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	578	1.83	ng/uL	0.00
5) Phenol-d5	7.24	99	13563	8.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	29470	32.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	33155	29.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	25126	19.12	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	20473	34.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	24089	36.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	42103	31.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	2338m	1.58	ng/ul	-0.02
44) Dimethylphthalate-d6	14.12	166	146828	34.37	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	168903	33.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6660	8.69	ng/ul	0.00
58) Fluorene-d10	15.71	176	132521	34.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	23667	30.79	ng/ul	0.00
71) Anthracene-d10	17.57	188	213019	35.66	ng/ul	0.00
79) Pyrene-d10	19.85	212	271844	32.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	274547	32.79	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.98	128	1996190	509.03	ng/ul#	90
34) 2-Methylnaphthalene	12.56	142	283974	94.80	ng/ul	98
35) 1-Methylnaphthalene	12.78	142	122289	42.46	ng/ul	97
41) 1,1'-Biphenyl	13.56	154	60984	15.31	ng/ul	97
48) Acenaphthylene	14.45	152	29769	5.64	ng/ul	97
50) Acenaphthene	14.79	153	279376	78.64	ng/ul	99
54) Dibenzofuran	15.12	168	225365	42.64	ng/ul	100
59) Fluorene	15.77	166	212915	50.17	ng/ul	99
70) Phenanthrene	17.52	178	678324	95.66	ng/ul	99
72) Anthracene	17.60	178	34181	4.75	ng/ul	99
75) Carbazole	17.87	167	136138	22.53	ng/ul	99
77) Fluoranthene	19.51	202	216411	26.11	ng/ul	98
80) Pyrene	19.88	202	126629	11.49	ng/ul	97

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

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Instrument :
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ClientSampleId :
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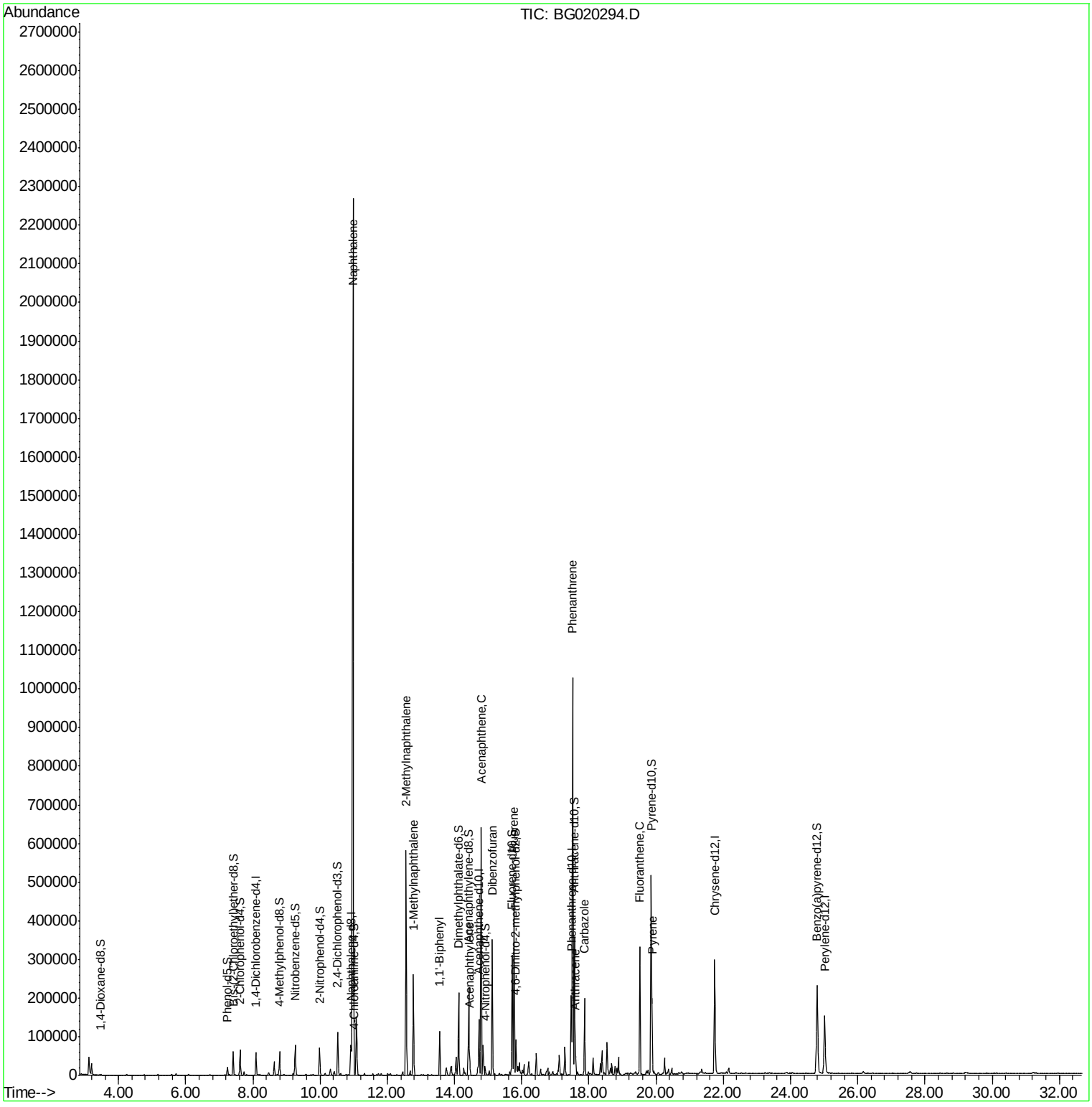

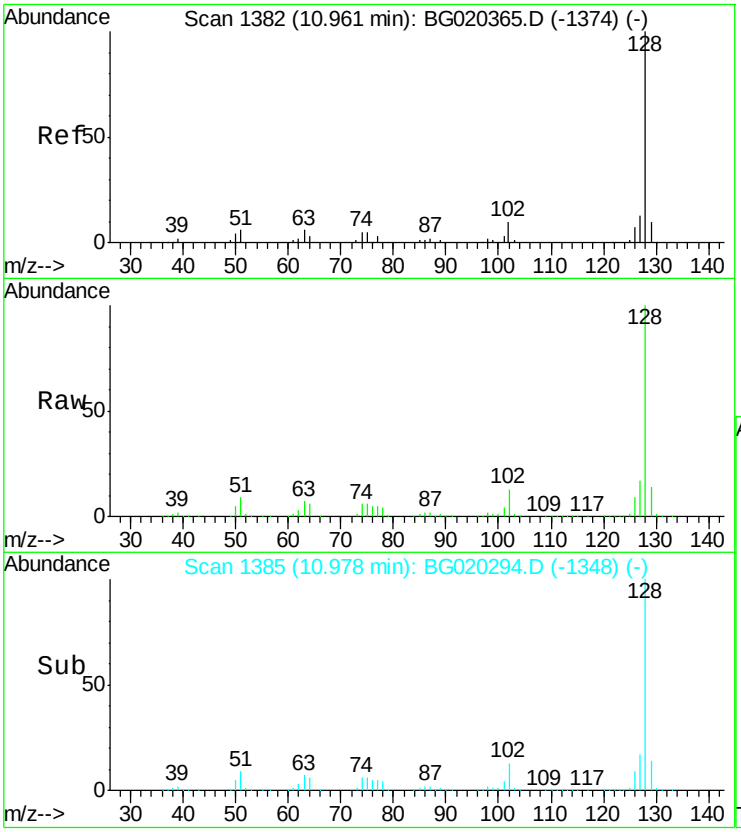

#28
Naphthalene
Concen: 509.03 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. 0.02 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:128 Resp: 1996190

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.6	12.8#
127	16.9	10.1	15.1#

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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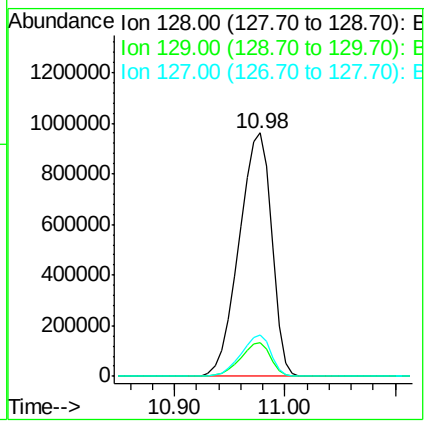
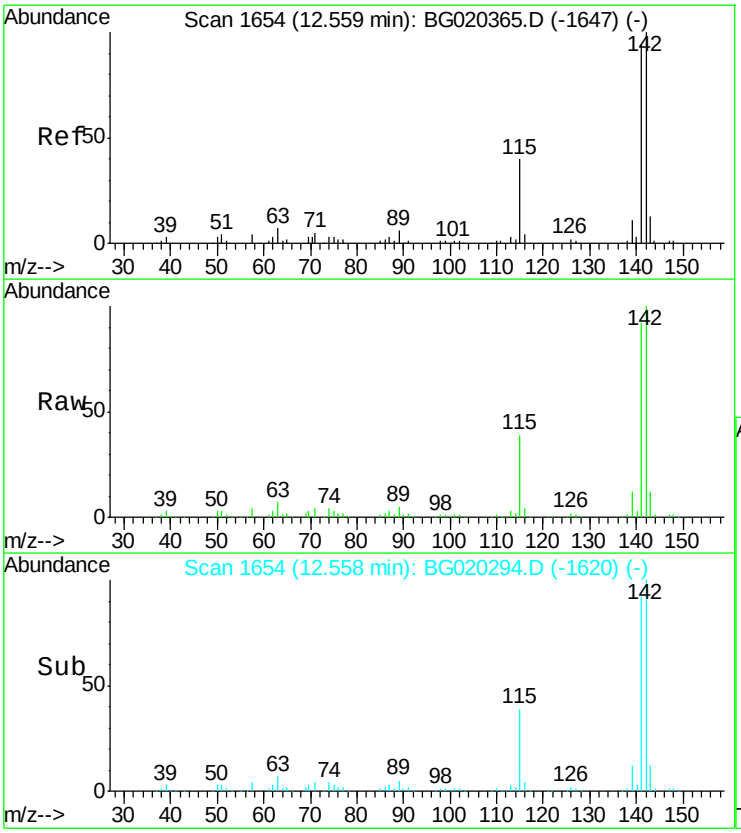
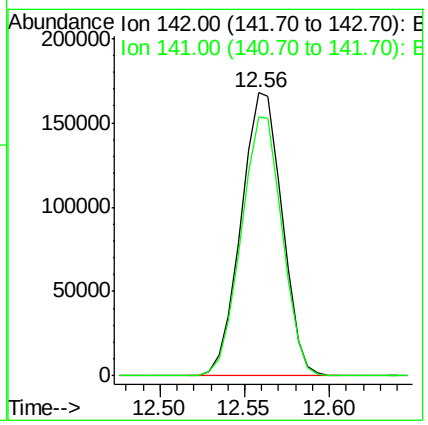


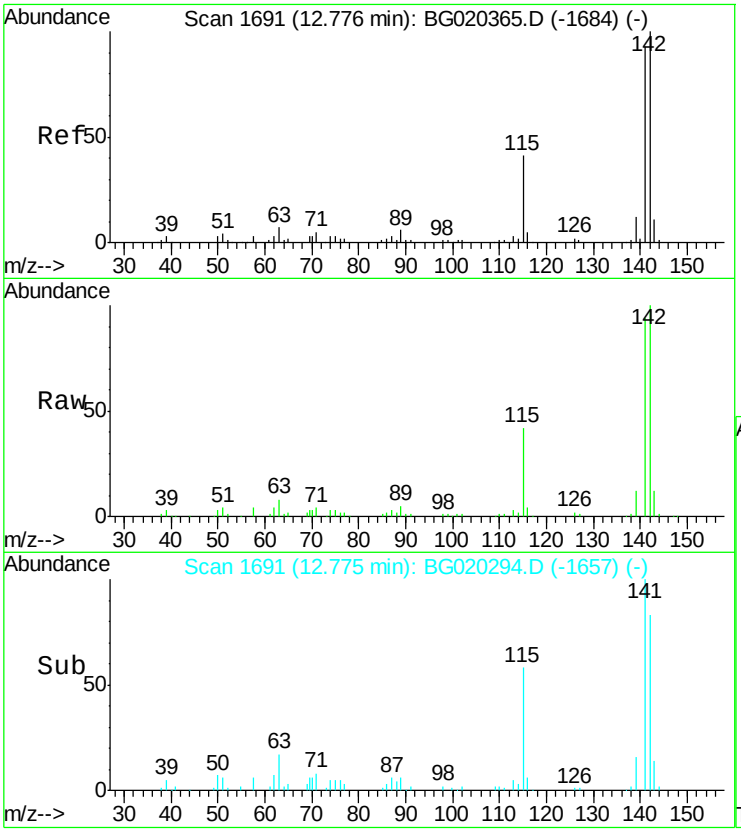


#34
2-Methylnaphthalene
Concen: 94.80 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:142 Resp: 283974

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.9	112.3

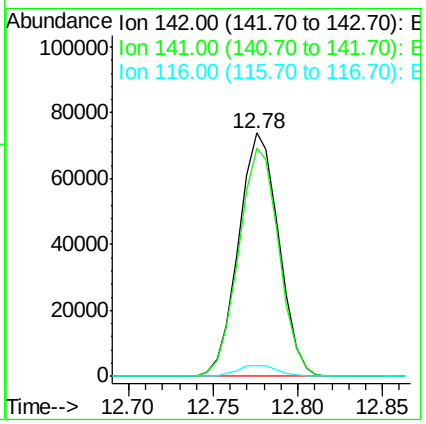




#35
1-Methylnaphthalene
Concen: 42.46 ng/ul
RT: 12.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:142 Resp: 122289

Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.0	109.6
116	4.2	3.0	4.6



Instrument :
BNA_G
ClientSampleId :
D9N38

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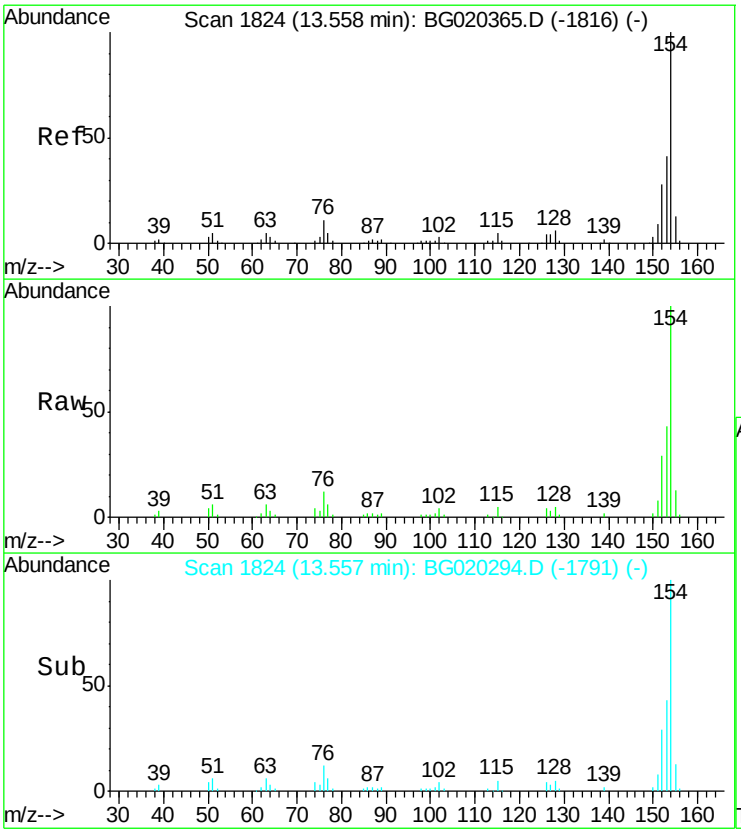
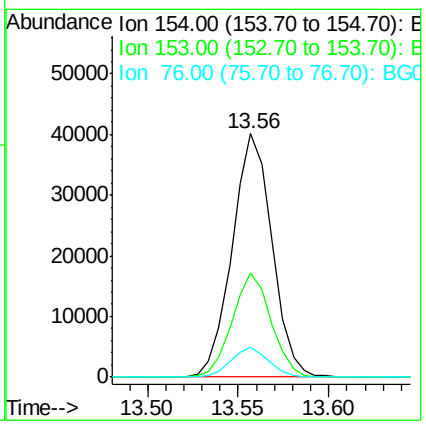
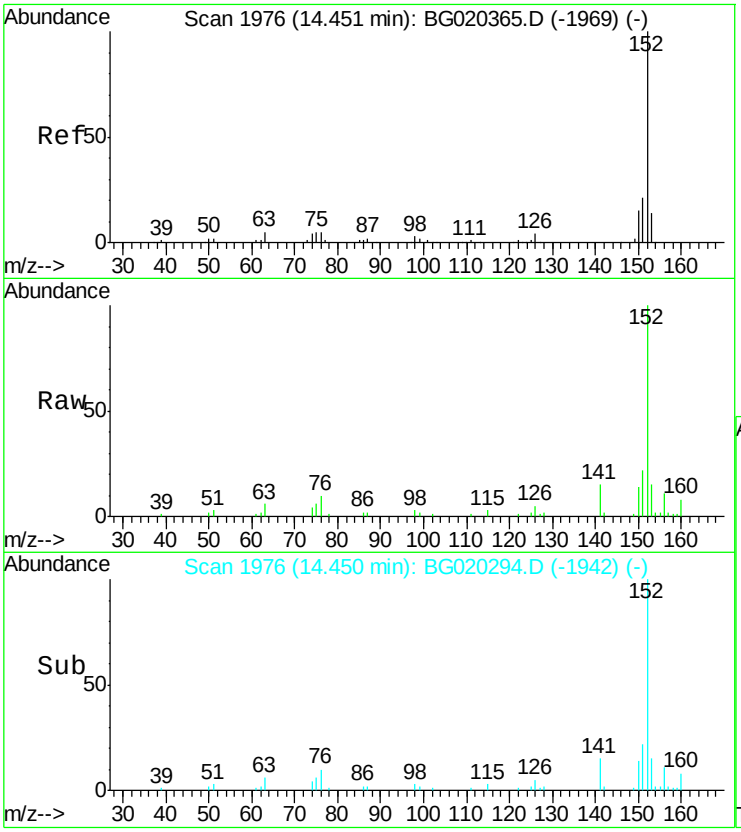


#41
1,1'-Biphenyl
Concen: 15.31 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:154 Resp: 60984

Ion	Ratio	Lower	Upper
154	100		
153	42.5	35.5	53.3
76	12.2	10.4	15.6

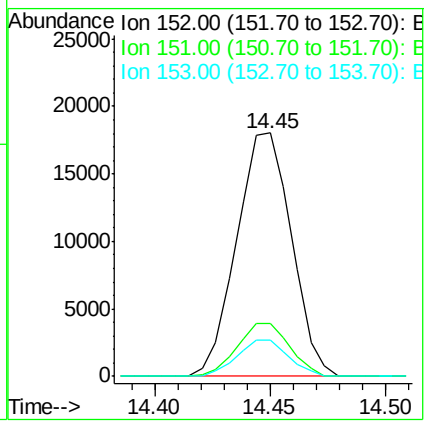




#48
Acenaphthylene
Concen: 5.64 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:152 Resp: 29769

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.4	24.6
153	15.0	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
D9N38

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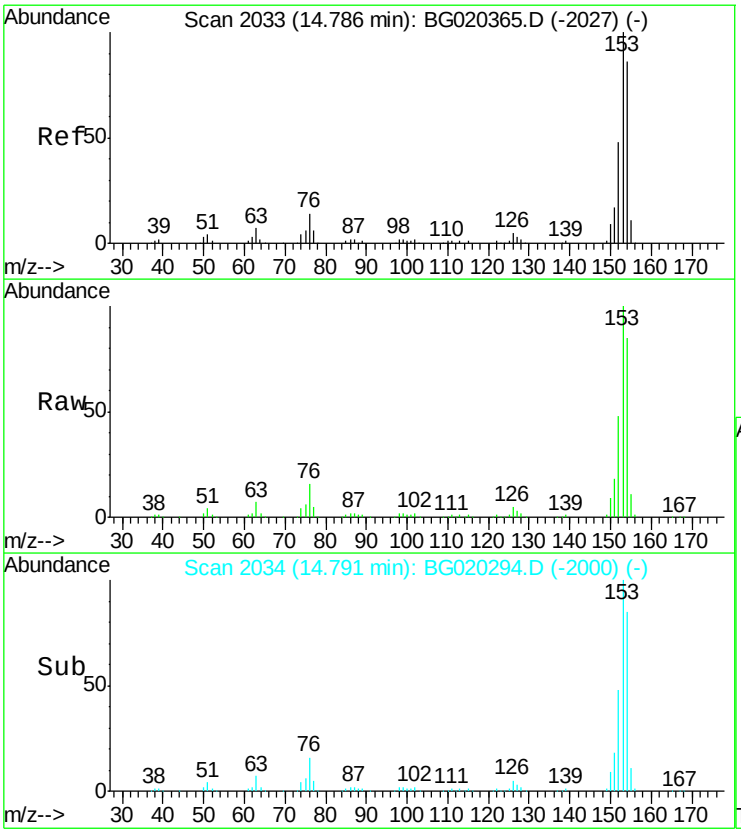
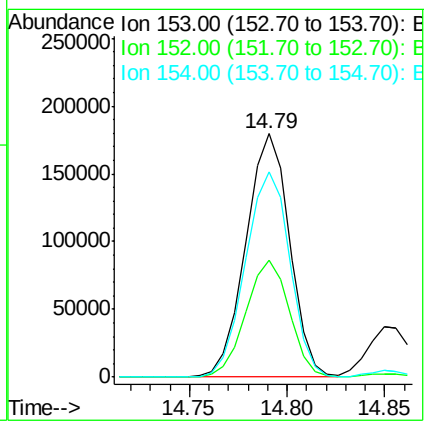
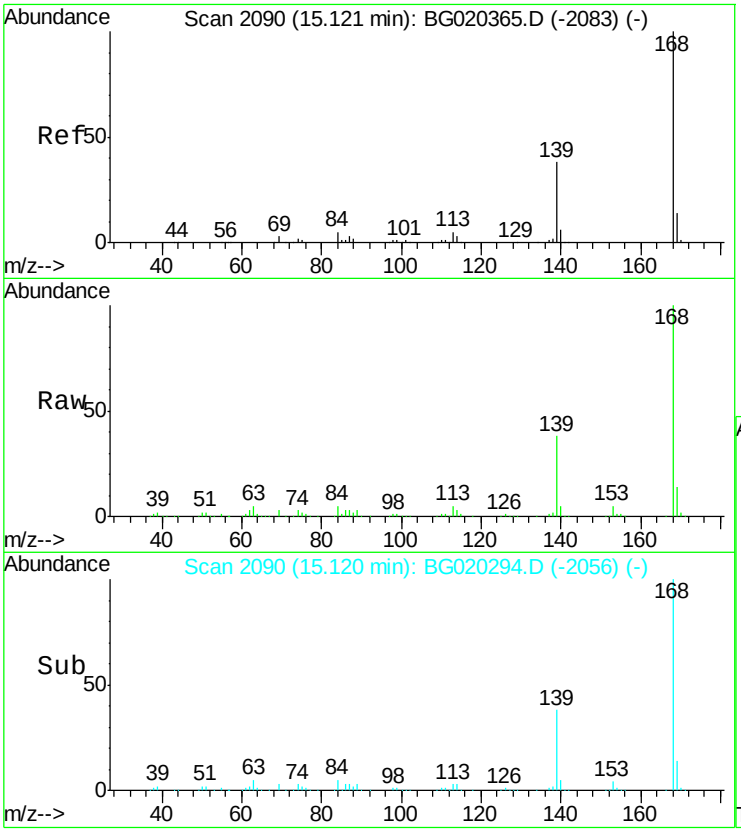


#50
Acenaphthene
Concen: 78.64 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:153 Resp: 279376

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.6	56.4
154	84.5	67.9	101.9





#54
Dibenzofuran
Concen: 42.64 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:168 Resp: 225365

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7

Instrument :
BNA_G
ClientSampleId :
D9N38

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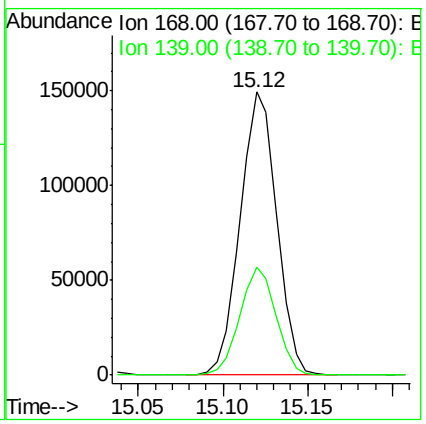
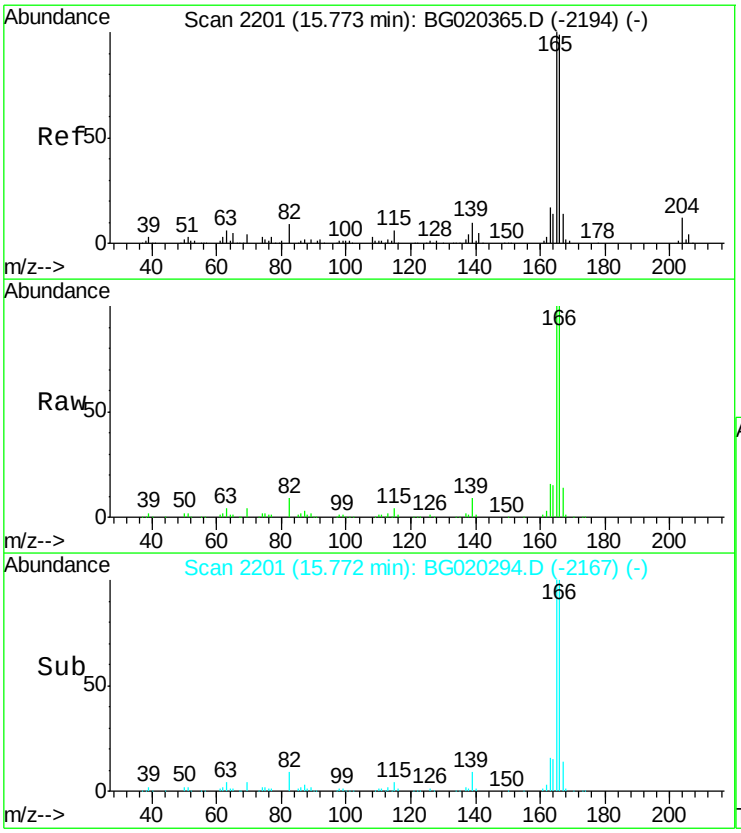
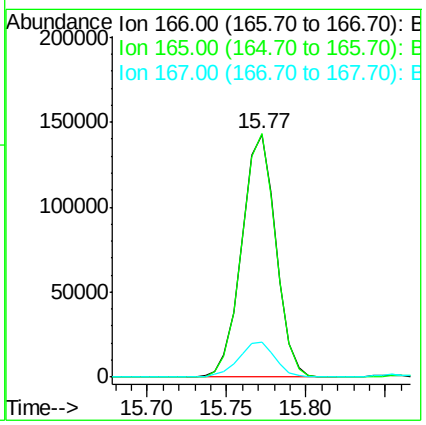


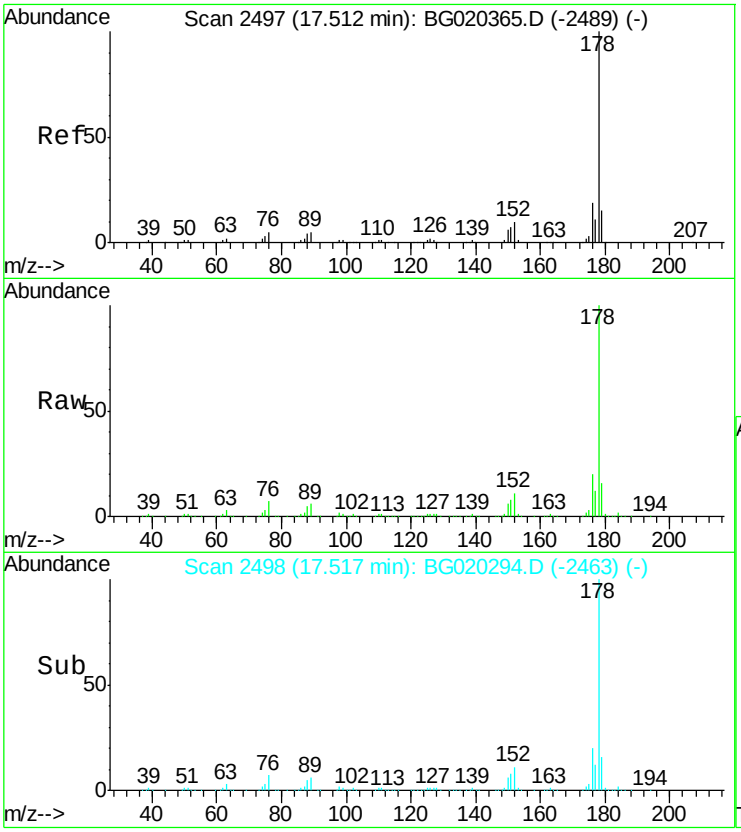


#59
Fluorene
Concen: 50.17 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:166 Resp: 212915

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.4	122.0
167	14.4	11.2	16.8

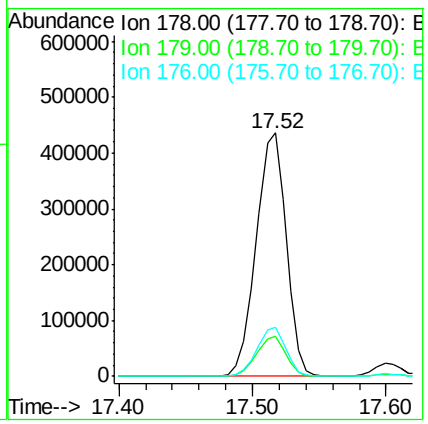




#70
Phenanthrene
Concen: 95.66 ng/ul
RT: 17.52 min Scan# 2498
Delta R.T. 0.01 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:178 Resp: 678324

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	20.2	15.3	22.9



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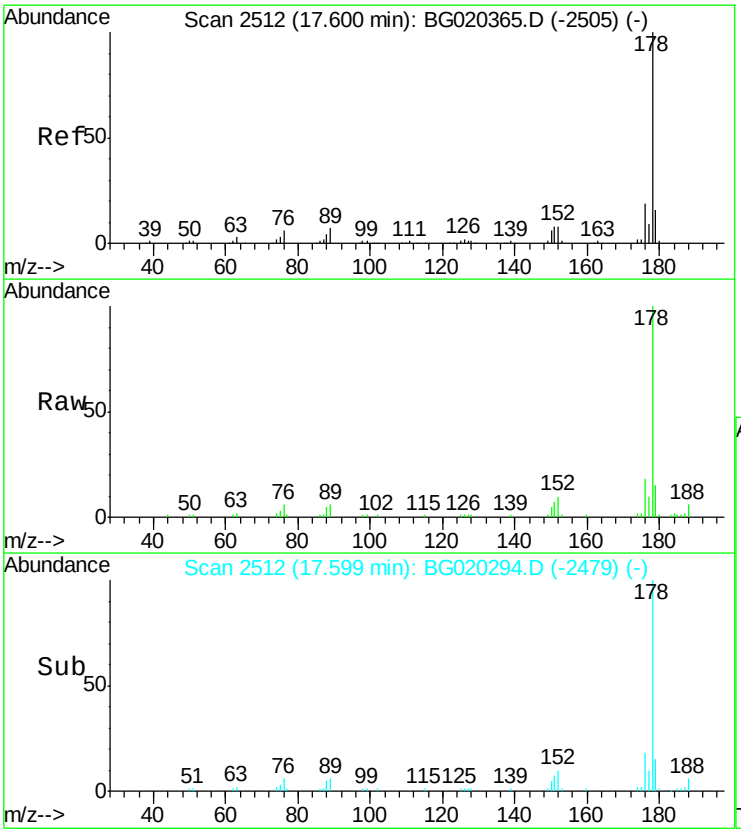
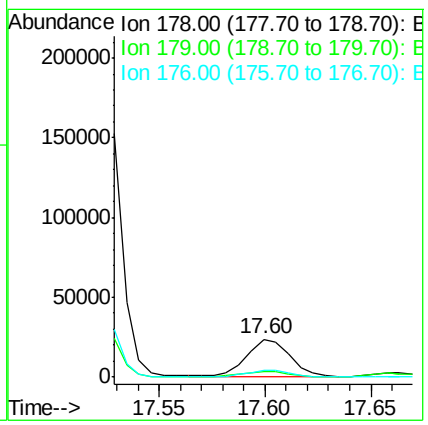
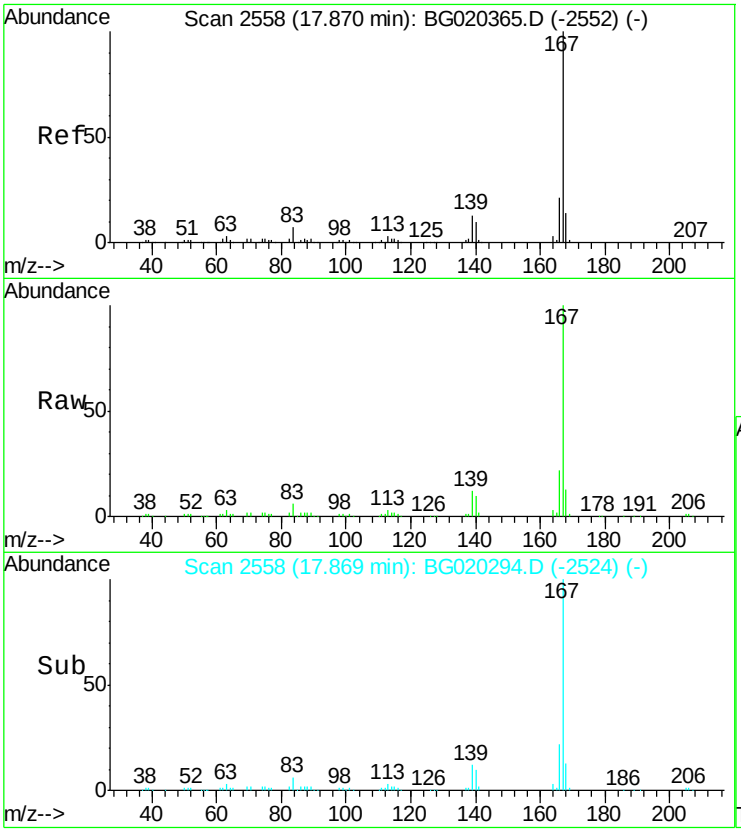


#72
Anthracene
Concen: 4.75 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:178 Resp: 34181

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.0	14.3	21.5

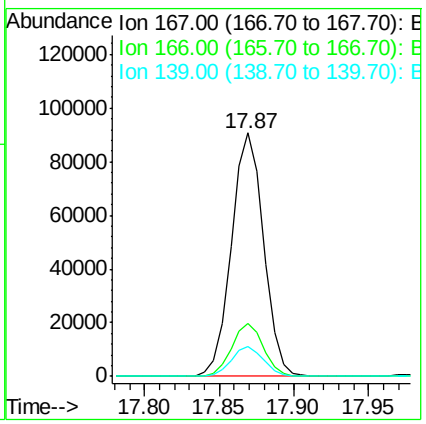




#75
Carbazole
Concen: 22.53 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:167 Resp: 136138

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	12.3	10.1	15.1



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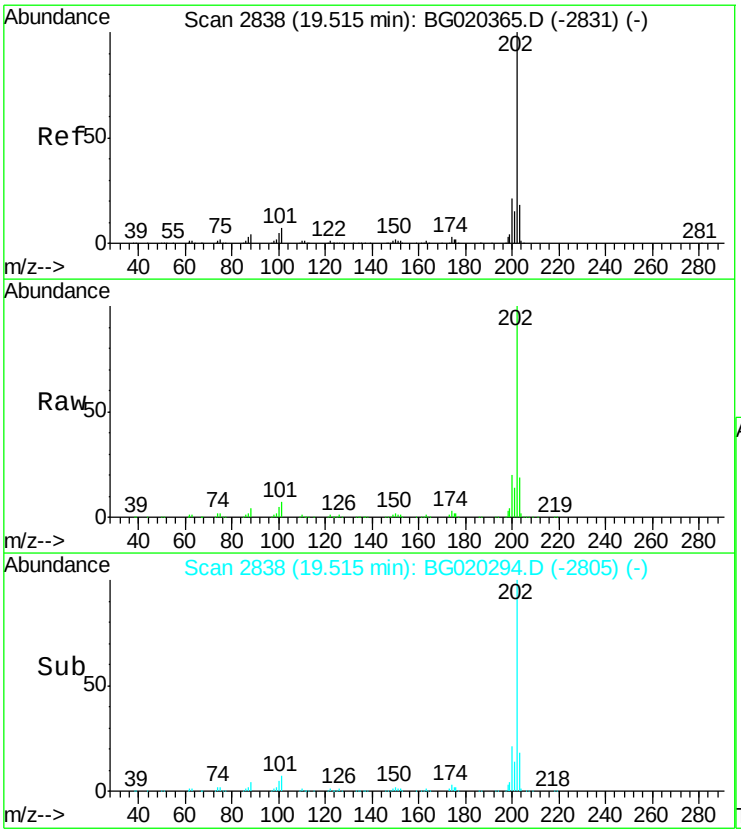
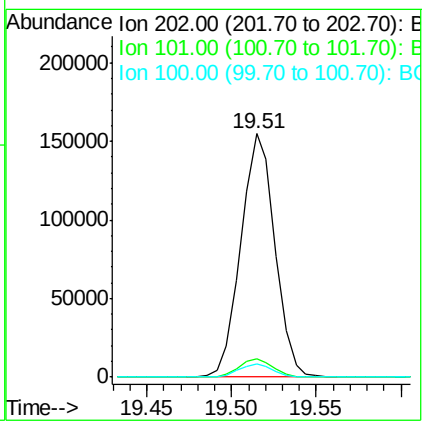
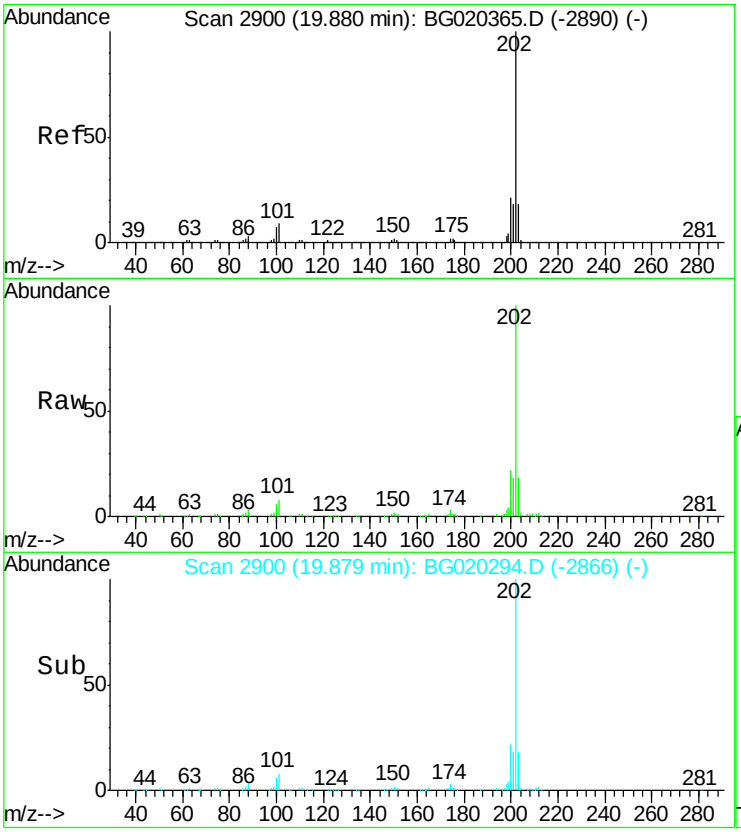


#77
Fluoranthene
Concen: 26.11 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:202 Resp: 216411

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.4
100	5.4	5.1	7.7

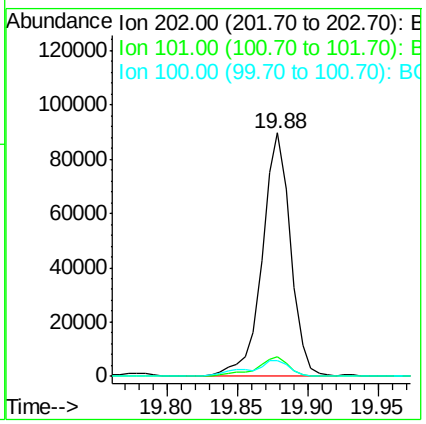




#80
Pyrene
Concen: 11.49 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG020294.D
Acq: 19 Dec 2015 3:33

Tgt Ion:202 Resp: 126629

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.4
100	6.5	6.4	9.6



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