Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020648.D
Acq On : 31 Dec 2015 19:13
Operator : UM/SJ
Sample : G4847-07DL 30X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N71DL

Manual Integrations APPROVED
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1/4/2016 5:36:20 PM

Quant Time: Jan 01 04:33:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	75077	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	58424	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	154876	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	184848	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	176636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.39	67	561	0.67	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	9.24	128	361	0.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	365	0.54	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.51	165	671m	0.52	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	5199	1.09	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	5712	1.05	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	5141	1.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.53	188	8615	1.19	ng/ul	0.00
79) Pyrene-d10	19.82	212	9241	1.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	9563m	1.09	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.93	128	126888	31.91	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	18914	6.36	ng/ul	87
41) 1,1'-Biphenyl	13.53	154	4899	1.11	ng/ul#	98
50) Acenaphthene	14.76	153	25960	6.63	ng/ul	97
54) Dibenzofuran	15.09	168	20063	3.39	ng/ul	93
59) Fluorene	15.74	166	19727	4.15	ng/ul	99
70) Phenanthrene	17.48	178	59394	7.05	ng/ul	96
75) Carbazole	17.85	167	16489	2.27	ng/ul	96
77) Fluoranthene	19.49	202	12037	1.17	ng/ul#	90

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

Quantitation Report (LSC Reviewed)

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Sample : G4847-07DL 30X
Misc :
ALS Vial : 50 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
D9N71DL

Manual Integrations APPROVED
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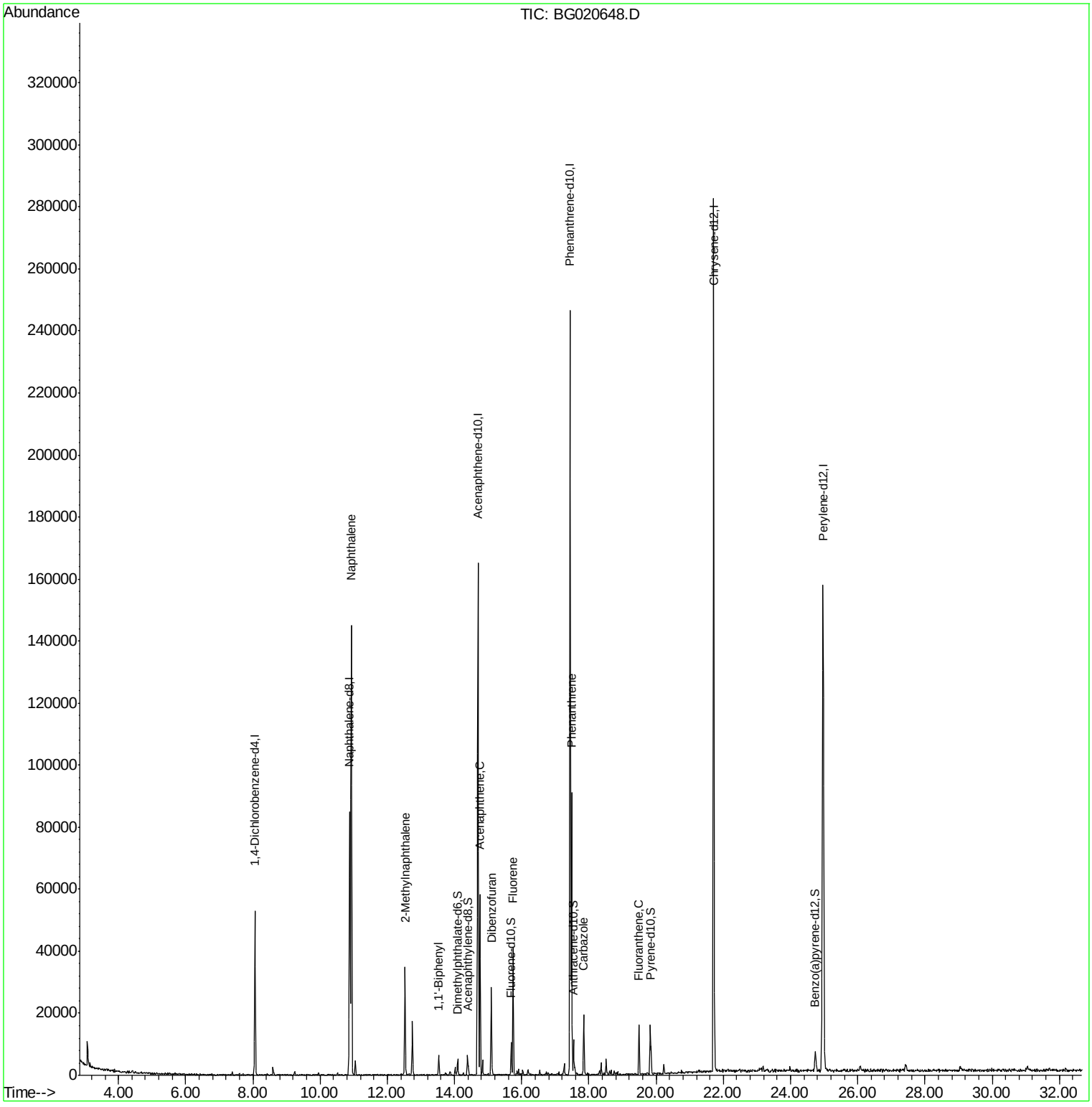
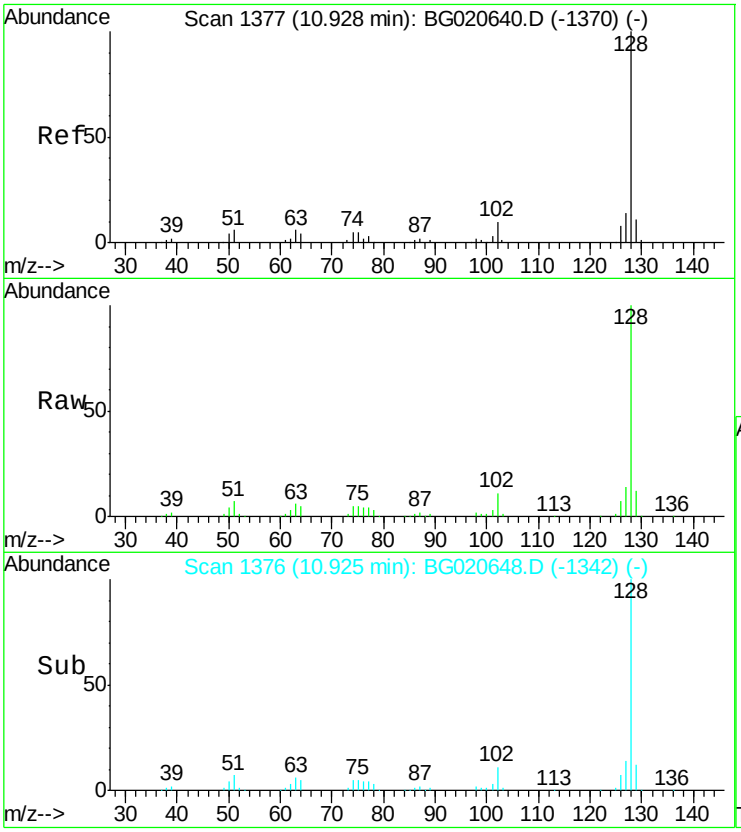
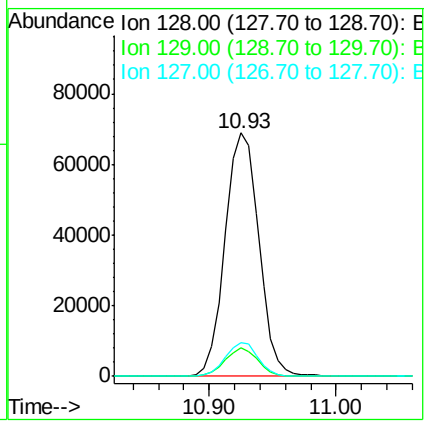




#28
Naphthalene
Concen: 31.91 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:128 Resp: 126888

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.3	12.5
127	13.8	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
D9N71DL

Manual Integrations APPROVED
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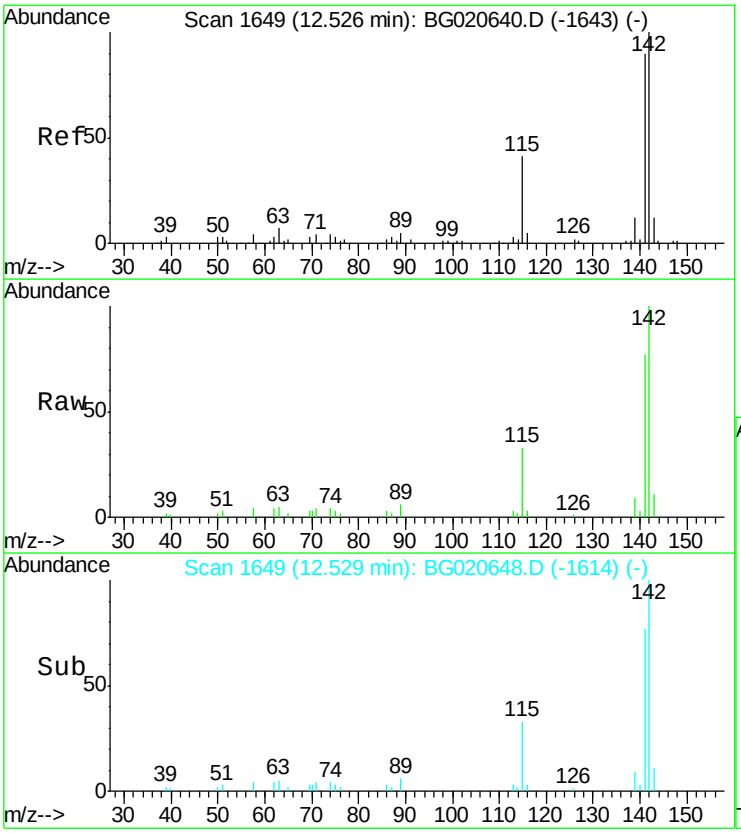
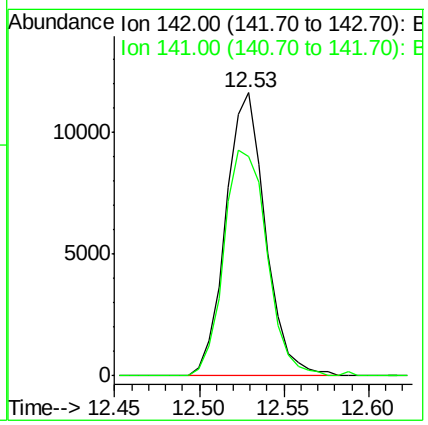
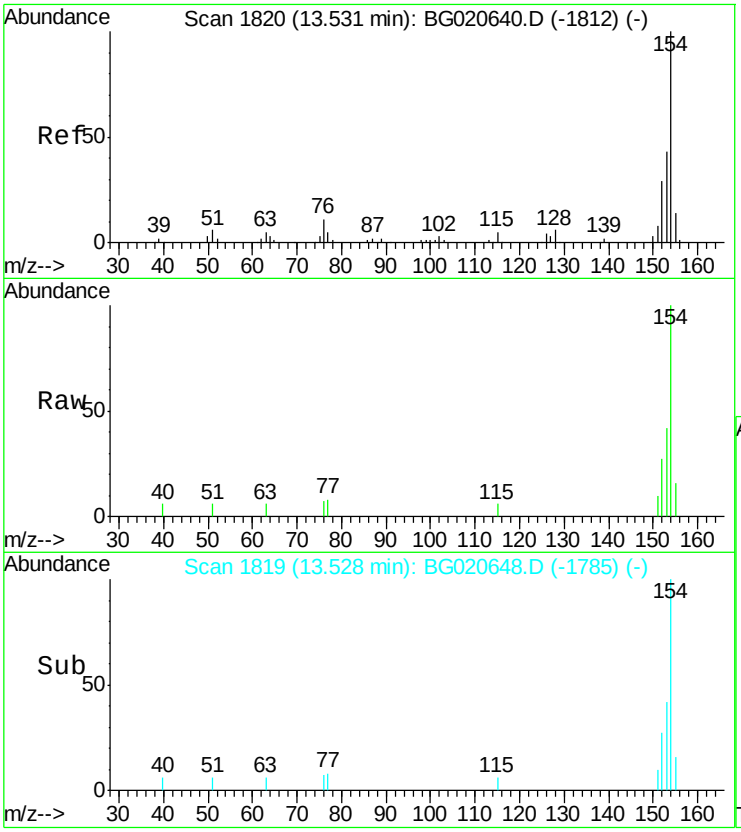


#34
2-Methylnaphthalene
Concen: 6.36 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:142 Resp: 18914

Ion	Ratio	Lower	Upper
142	100		
141	77.5	71.4	107.2

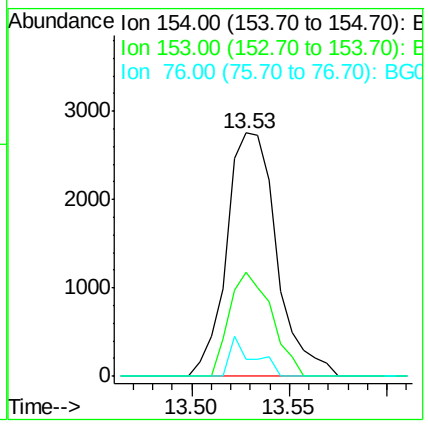




#41
1,1'-Biphenyl
Concen: 1.11 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:154 Resp: 4899

Ion	Ratio	Lower	Upper
154	100		
153	42.5	34.0	51.0
76	6.9	8.4	12.6#



Instrument :
BNA_G
ClientSampleId :
D9N71DL

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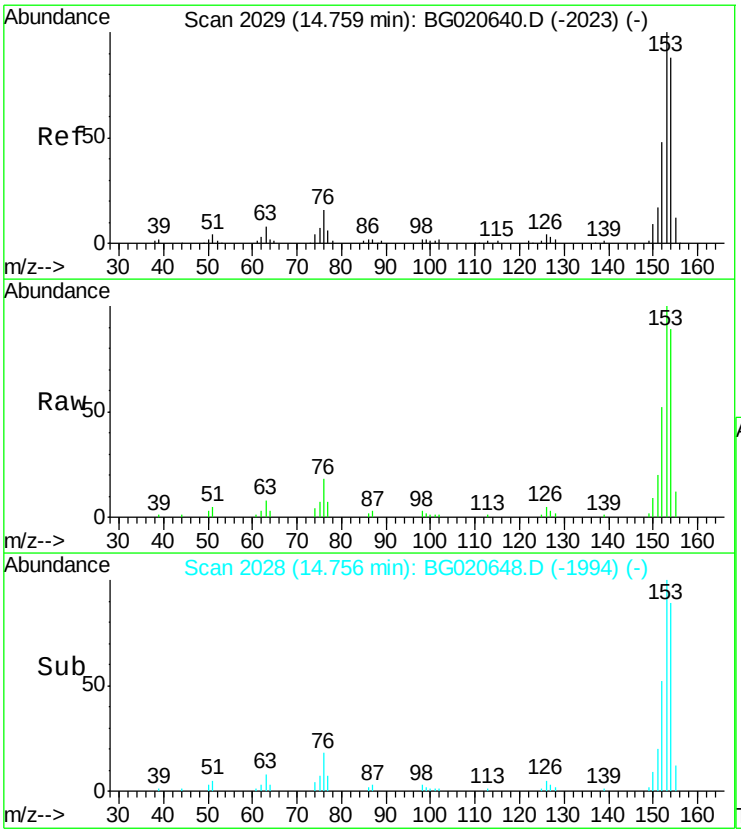
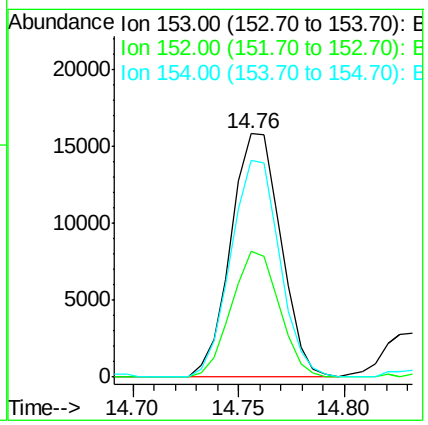
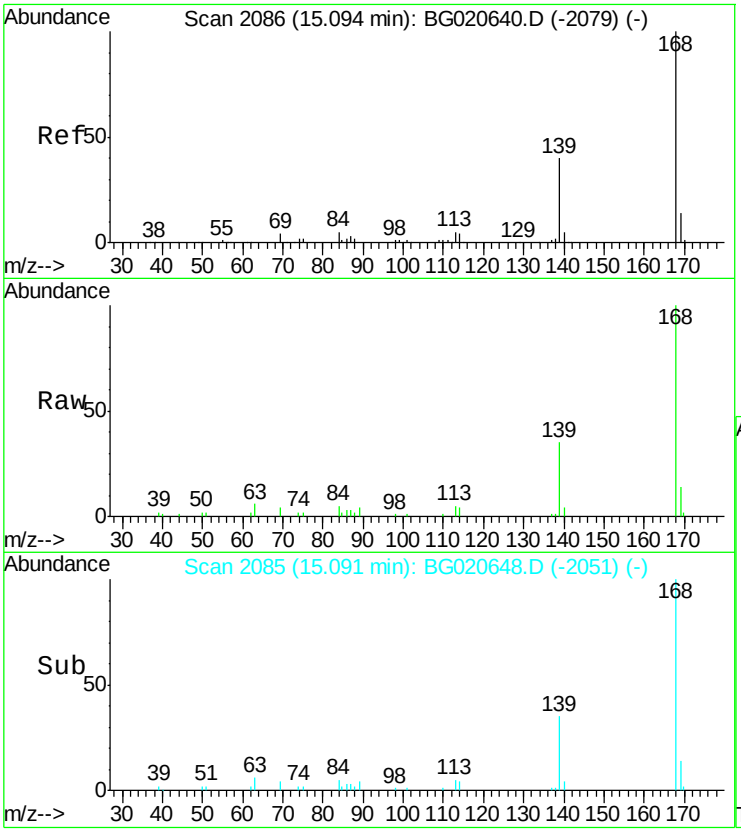


#50
Acenaphthene
Concen: 6.63 ng/ul
RT: 14.76 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:153 Resp: 25960

Ion	Ratio	Lower	Upper
153	100		
152	51.7	37.9	56.9
154	88.9	69.8	104.6





#54
Dibenzofuran
Concen: 3.39 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:168 Resp: 20063

Ion	Ratio	Lower	Upper
168	100		
139	34.5	31.0	46.4

Instrument :
BNA_G
ClientSampleId :
D9N71DL

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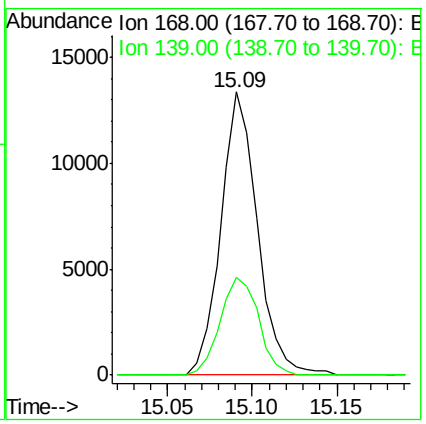
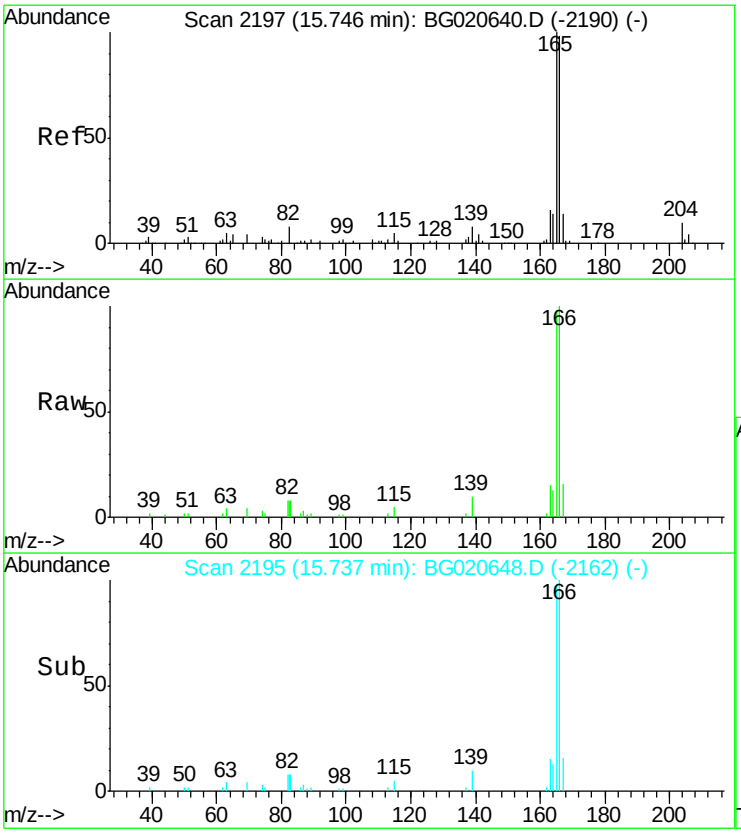
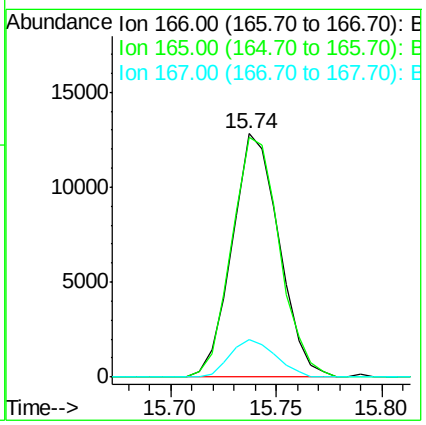


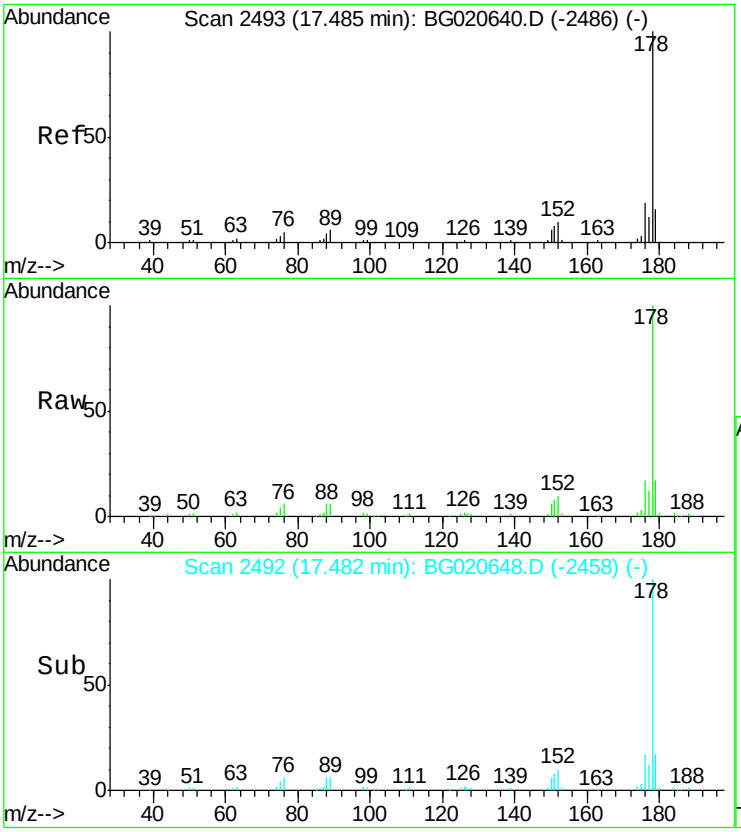


#59
Fluorene
Concen: 4.15 ng/ul
RT: 15.74 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:166 Resp: 19727

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	15.6	11.1	16.7

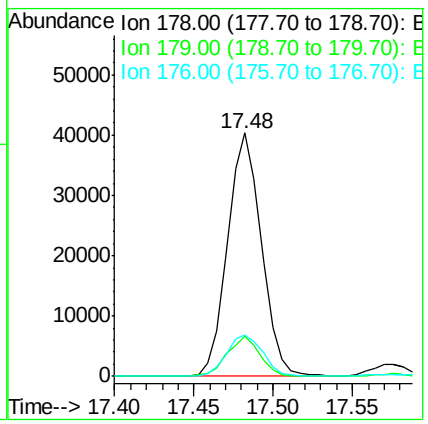




#70
Phenanthrene
Concen: 7.05 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:178 Resp: 59394

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	17.1	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
D9N71DL

Manual Integrations APPROVED
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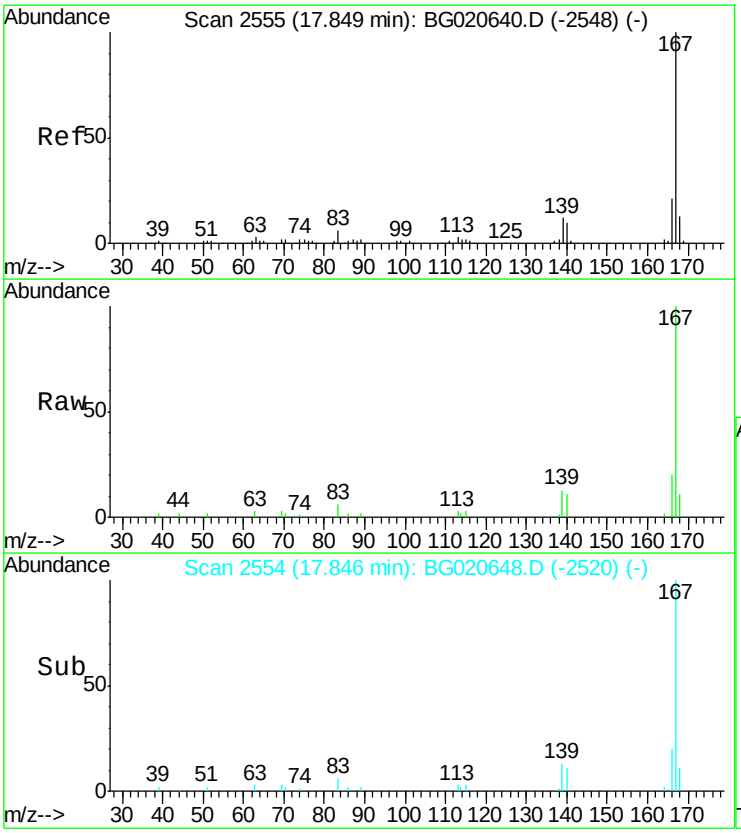
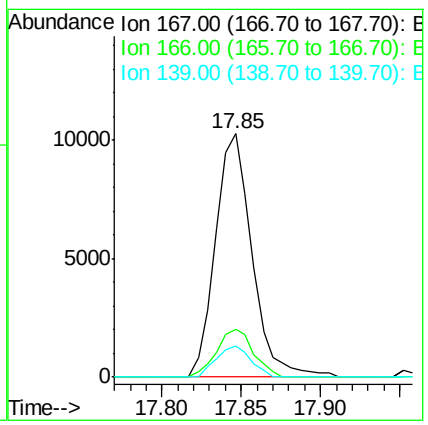
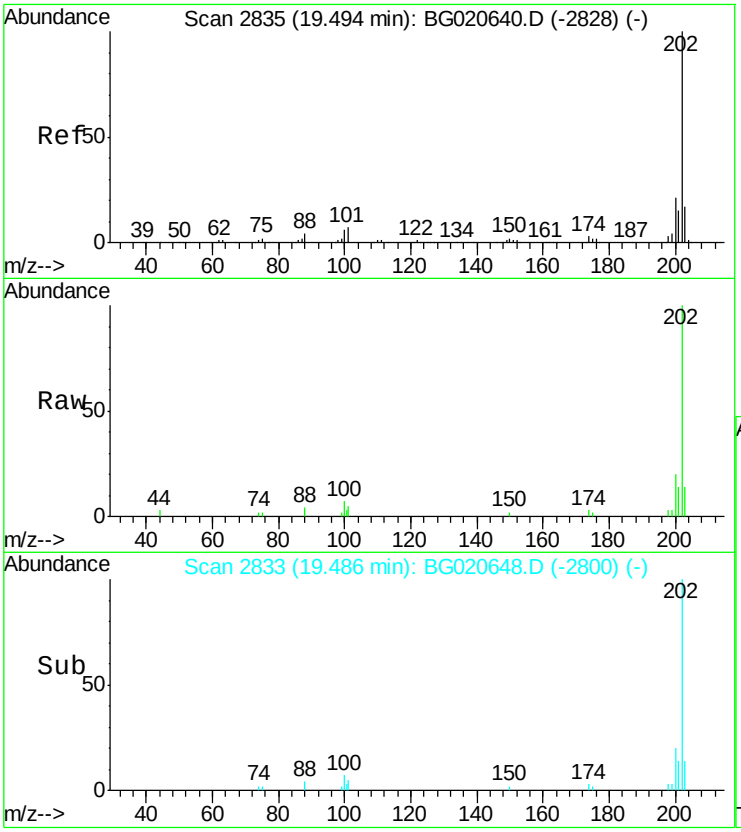


#75
Carbazole
Concen: 2.27 ng/ul
RT: 17.85 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:167 Resp: 16489

Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.0	25.4
139	13.0	9.1	13.7

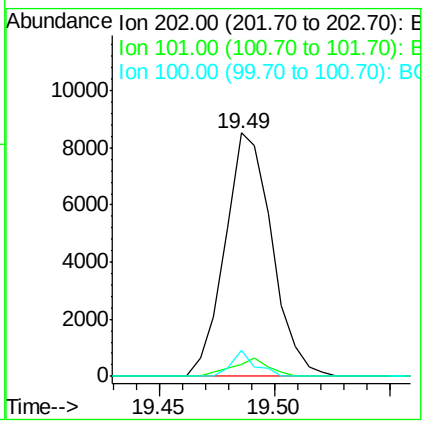




#77
Fluoranthene
Concen: 1.17 ng/ul
RT: 19.49 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BG020648.D
Acq: 31 Dec 2015 19:13

Tgt Ion:202 Resp: 12037

Ion	Ratio	Lower	Upper
202	100		
101	5.0	6.1	9.1#
100	10.5	4.6	7.0#



Instrument :
BNA_G
ClientSampleId :
D9N71DL

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