Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C87DL

Manual Integrations APPROVED
MMdadoda
12/17/2015 12:00:15 PM

Quant Time: Dec 17 14:30:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	85855	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	63873	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	162417	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	183161	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	169971	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	7.25	99	3154	1.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	8250	8.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	8474	6.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	6256	4.23	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	6500	9.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	6600	8.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	11966	7.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	197	0.12	ng/ul	0.05
44) Dimethylphthalate-d6	14.12	166	44902	8.69	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	53066	8.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	1631	1.76	ng/ul	0.00
58) Fluorene-d10	15.71	176	41378	8.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	7003	7.27	ng/ul	0.00
71) Anthracene-d10	17.56	188	66295	8.86	ng/ul	0.00
79) Pyrene-d10	19.84	212	73828	8.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	74910	8.84	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.28	94	9939	5.37	ng/ul	94
11) 2-Methylphenol	8.53	108	5768	4.09	ng/ul	99
14) Acetophenone	8.92	105	7821	3.38	ng/ul	100
16) 4-Methylphenol	8.87	108	30184	19.31	ng/ul	94
24) 2,4-Dimethylphenol	10.11	107	21006m	11.58	ng/ul	
28) Naphthalene	11.00	128	3755148	837.55	ng/ul#	75
34) 2-Methylnaphthalene	12.56	142	273788	79.95	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	58674	12.18	ng/ul#	93
48) Acenaphthylene	14.45	152	9923	1.55	ng/ul#	73
50) Acenaphthene	14.79	153	57398	13.36	ng/ul	98
54) Dibenzofuran	15.12	168	9896	1.55	ng/ul	95
59) Fluorene	15.77	166	52936	10.31	ng/ul	96
70) Phenanthrene	17.51	178	102934	11.59	ng/ul	99
72) Anthracene	17.60	178	18158	2.02	ng/ul	95
75) Carbazole	17.87	167	16733	2.21	ng/ul	96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020220.D
Acq On : 16 Dec 2015 11:58
Operator : UM/SJ
Sample : G4786-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 17 14:30:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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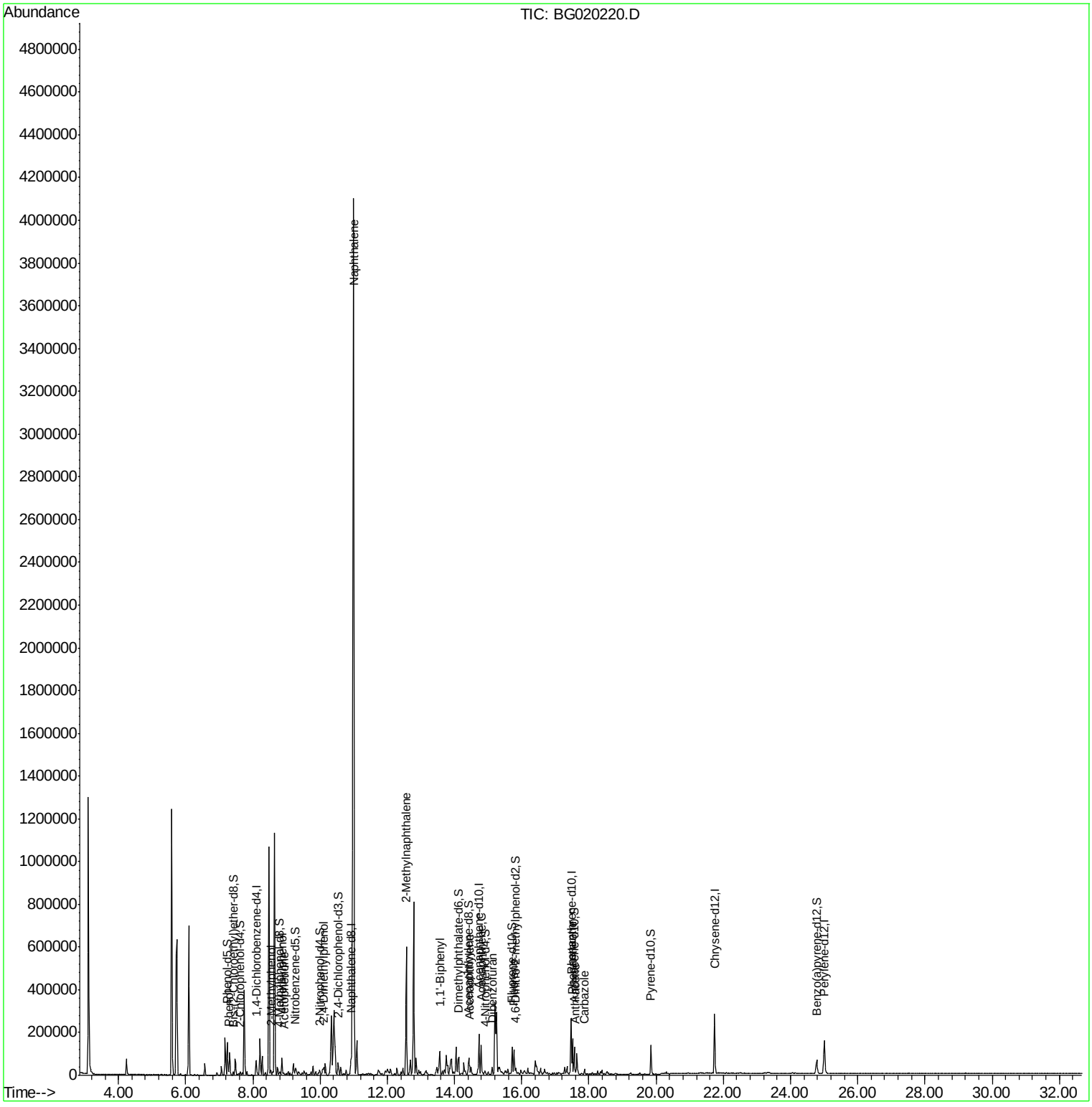
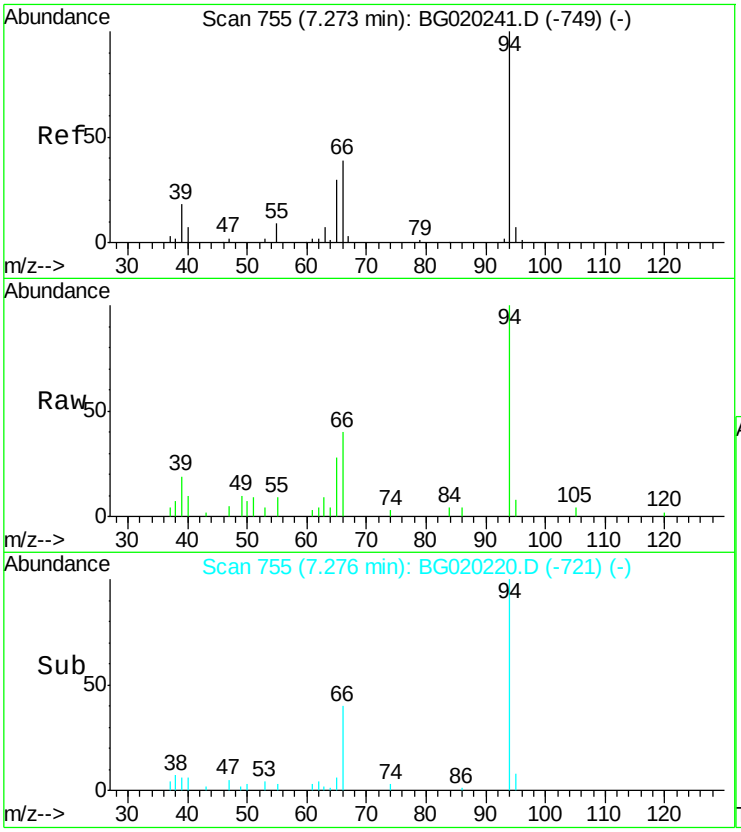
12/17/2015 12:00:15 PM

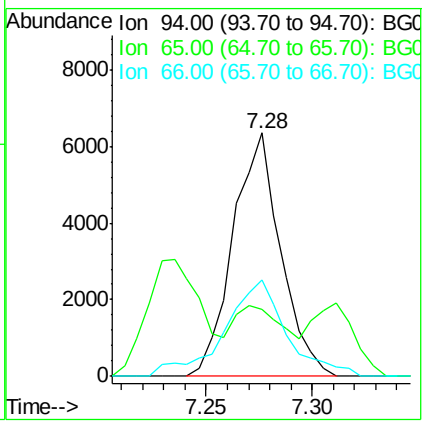




#6
Phenol
Concen: 5.37 ng/ul
RT: 7.28 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion: 94 Resp: 9939

Ion	Ratio	Lower	Upper
94	100		
65	27.7	26.3	39.5
66	39.6	33.3	49.9



Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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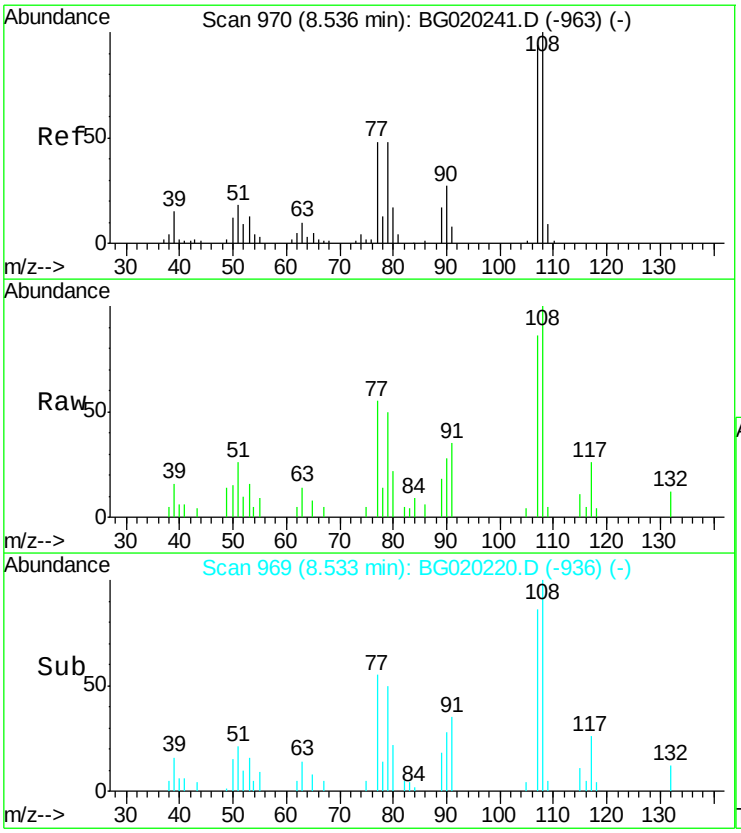
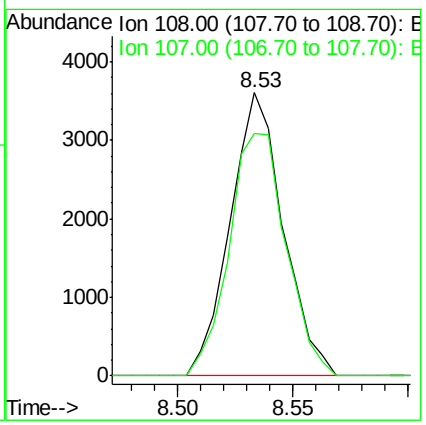
12/17/2015 12:00:15 PM

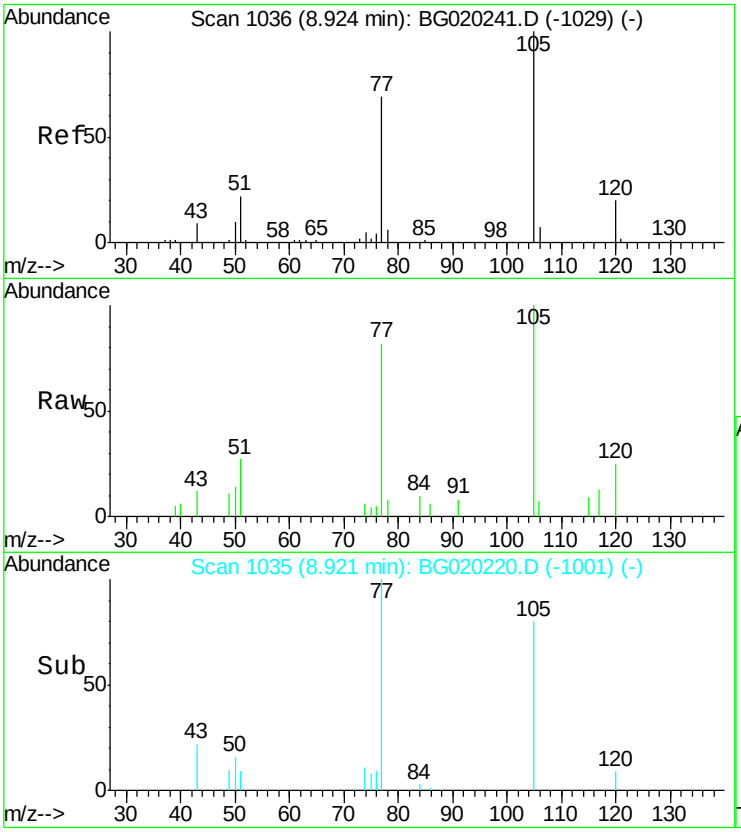


#11
2-Methylphenol
Concen: 4.09 ng/ul
RT: 8.53 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:108 Resp: 5768

Ion	Ratio	Lower	Upper
108	100		
107	85.7	67.5	101.3

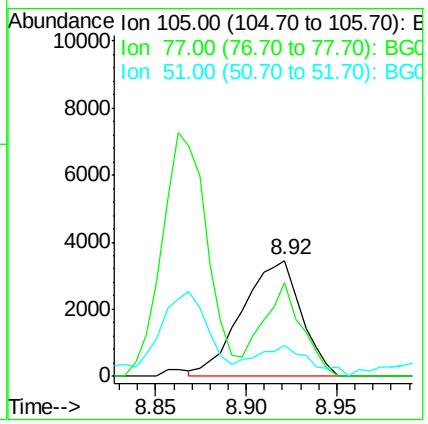




#14
Acetophenone
Concen: 3.38 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:105 Resp: 7821

Ion	Ratio	Lower	Upper
105	100		
77	81.6	65.2	97.8
51	27.4	22.6	33.8



Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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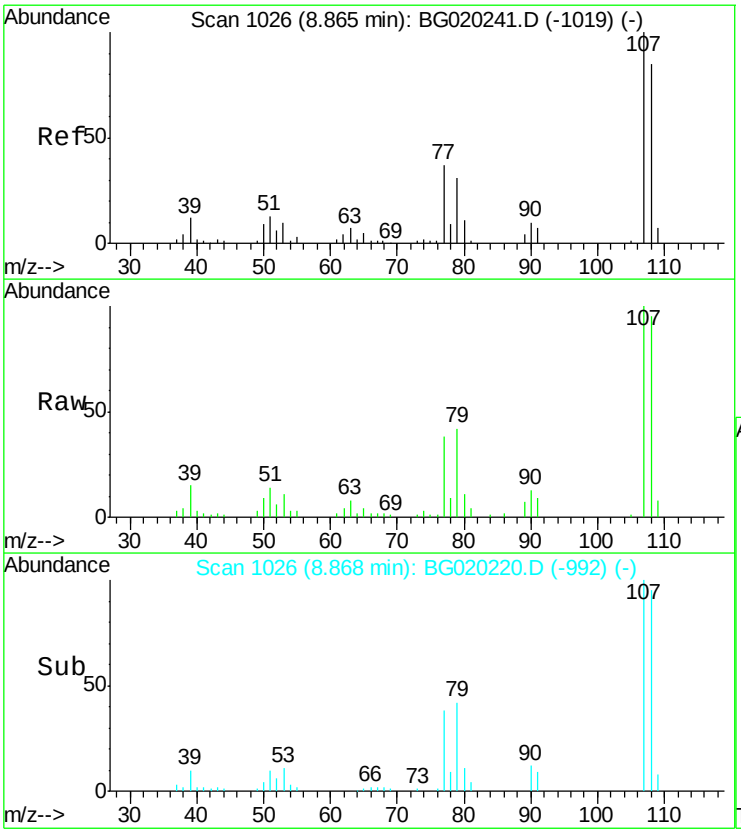
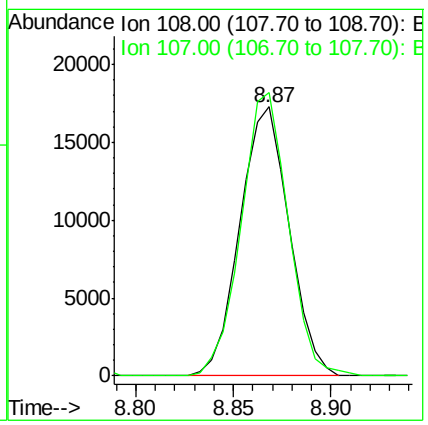
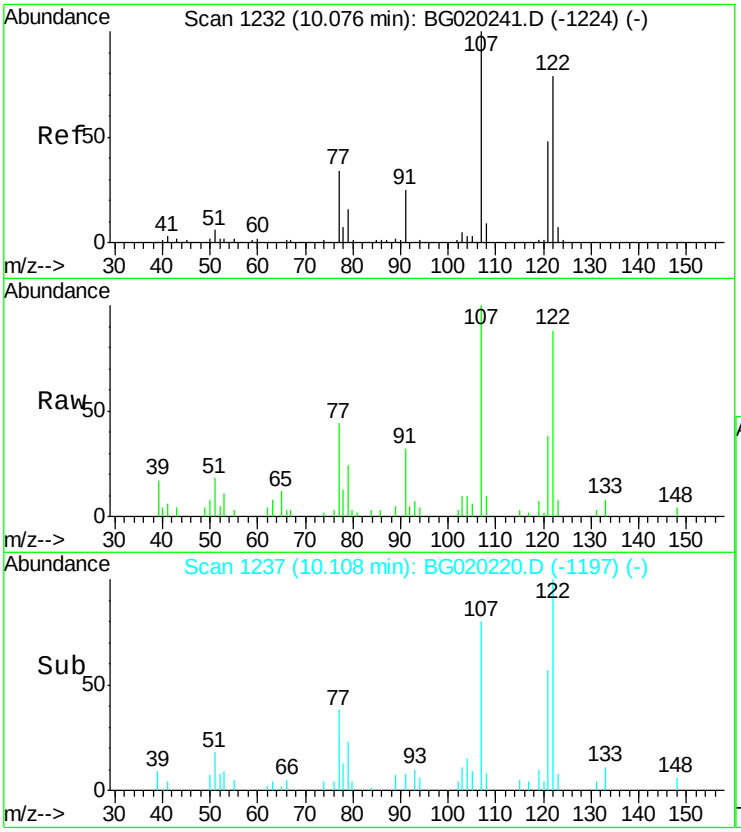


#16
4-Methylphenol
Concen: 19.31 ng/ul
RT: 8.87 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:108 Resp: 30184

Ion	Ratio	Lower	Upper
108	100		
107	105.1	88.9	133.3





#24
2,4-Dimethylphenol
Concen: 11.58 ng/ul m
RT: 10.11 min Scan# 1237
Delta R.T. 0.04 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:107 Resp: 21006

Ion	Ratio	Lower	Upper
107	100		
121	38.0	39.0	58.4#
122	87.8	62.1	93.1

Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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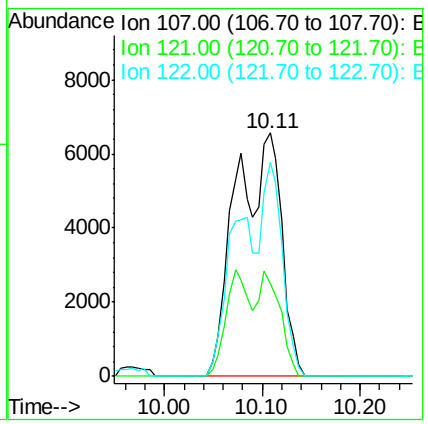
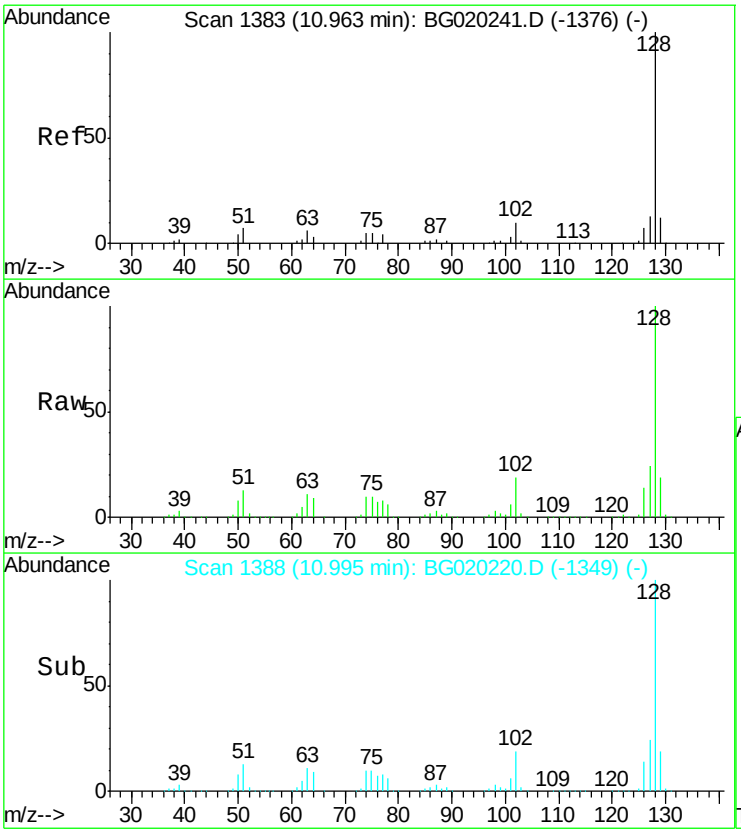
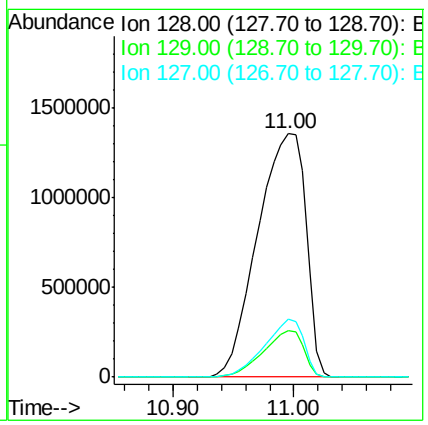


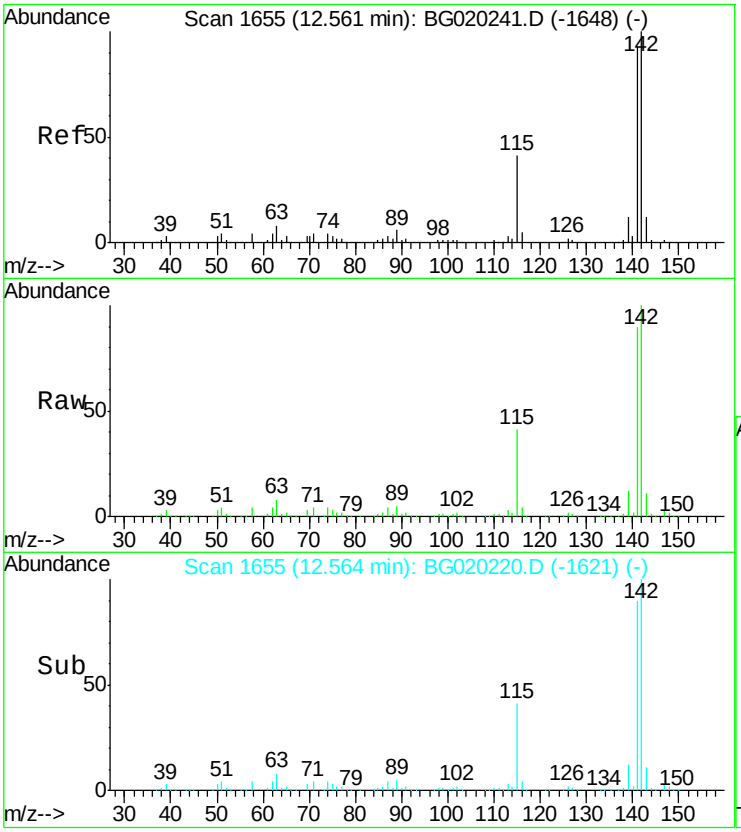


#28
Naphthalene
Concen: 837.55 ng/ul
RT: 11.00 min Scan# 1388
Delta R.T. 0.03 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:128 Resp: 3755148

Ion	Ratio	Lower	Upper
128	100		
129	18.9	8.6	12.8#
127	23.8	10.1	15.1#





#34
2-Methylnaphthalene
Concen: 79.95 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:142 Resp: 273788

Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.9	112.3

Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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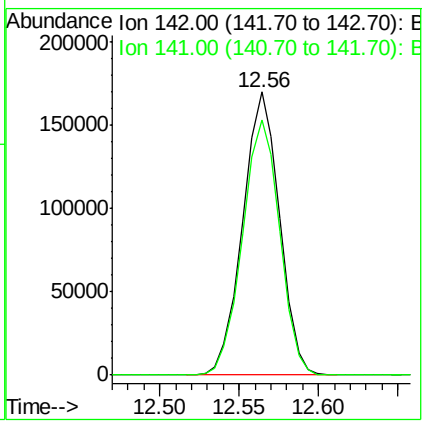
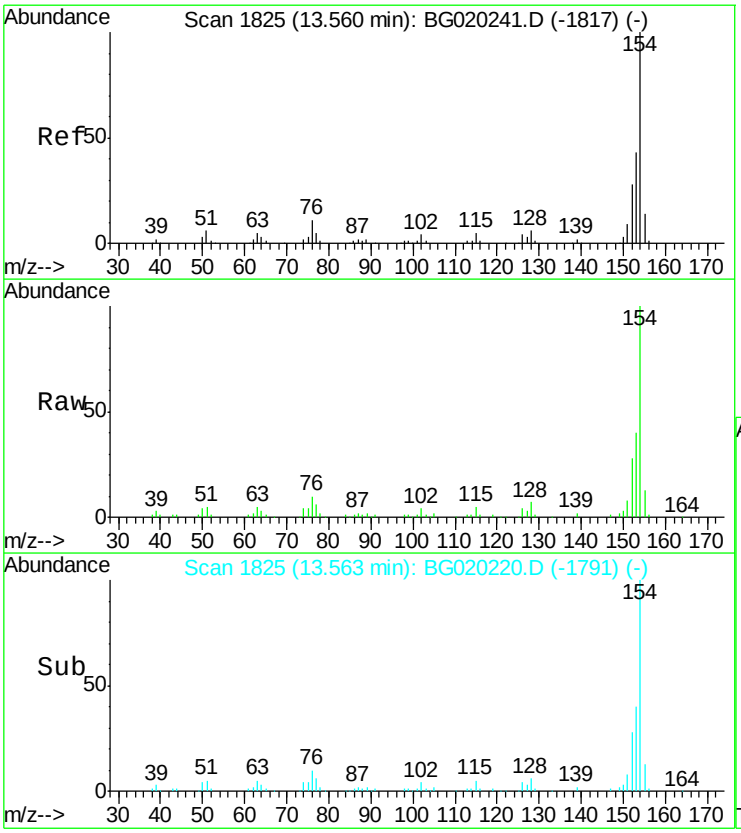
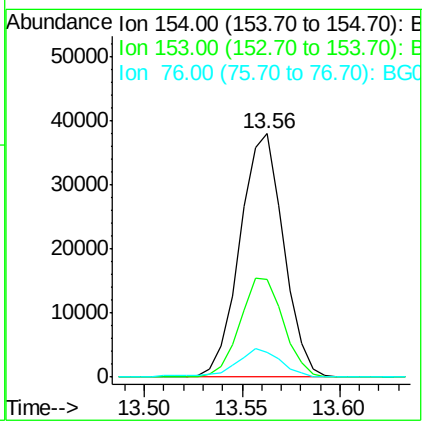


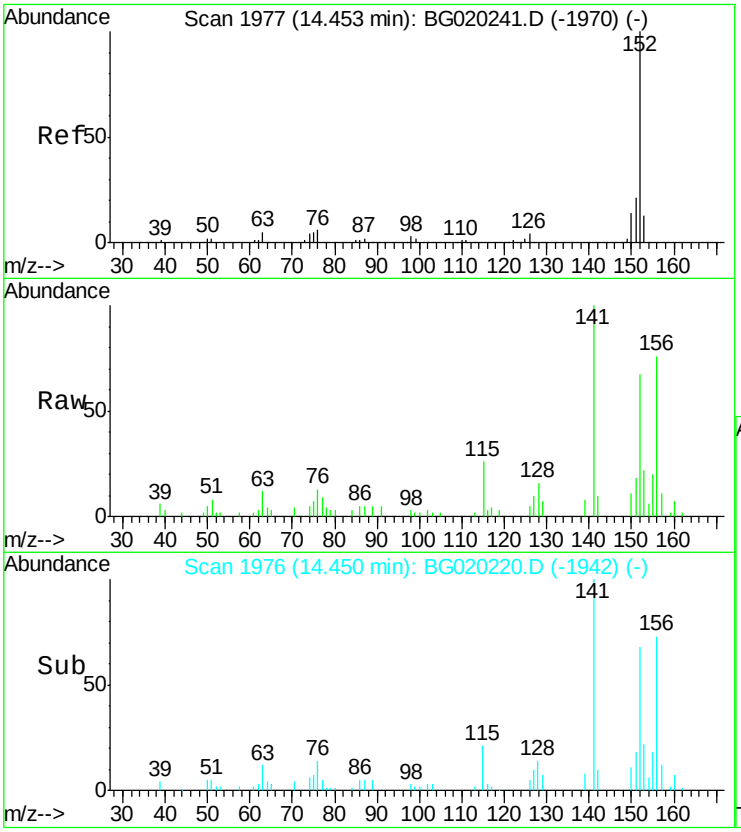


#41
1,1'-Biphenyl
Concen: 12.18 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:154 Resp: 58674

Ion	Ratio	Lower	Upper
154	100		
153	40.2	35.5	53.3
76	9.9	10.4	15.6#





#48
Acenaphthylene
Concen: 1.55 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:152 Resp: 9923

Ion	Ratio	Lower	Upper
152	100		
151	26.4	16.4	24.6#
153	33.0	10.4	15.6#

Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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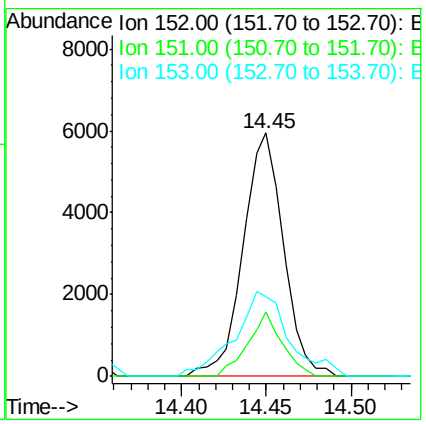
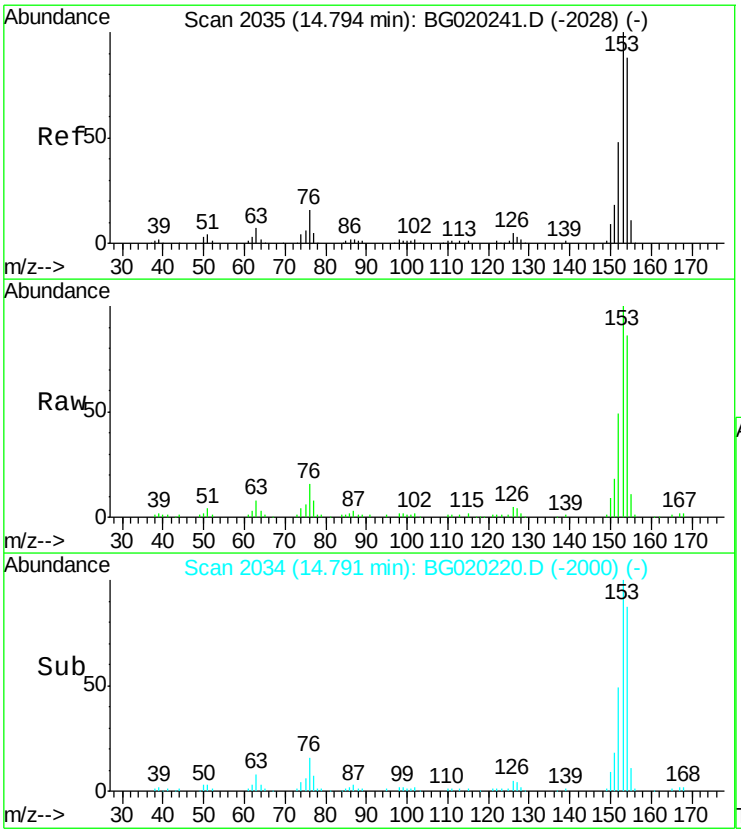
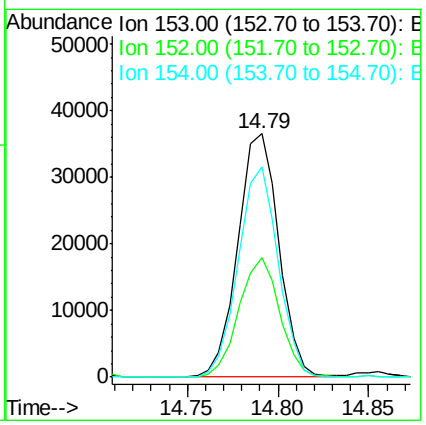


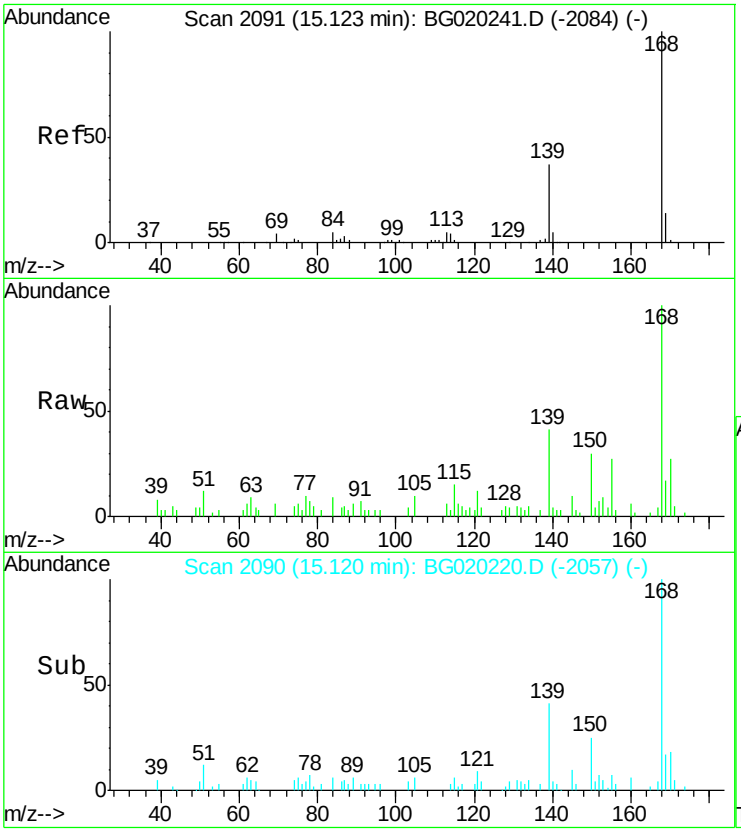


#50
Acenaphthene
Concen: 13.36 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:153 Resp: 57398

Ion	Ratio	Lower	Upper
153	100		
152	49.3	37.6	56.4
154	86.3	67.9	101.9





#54
Dibenzofuran
Concen: 1.55 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:168 Resp: 9896

Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.5	45.7

Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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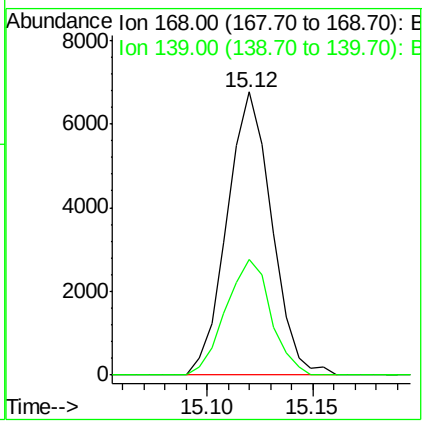
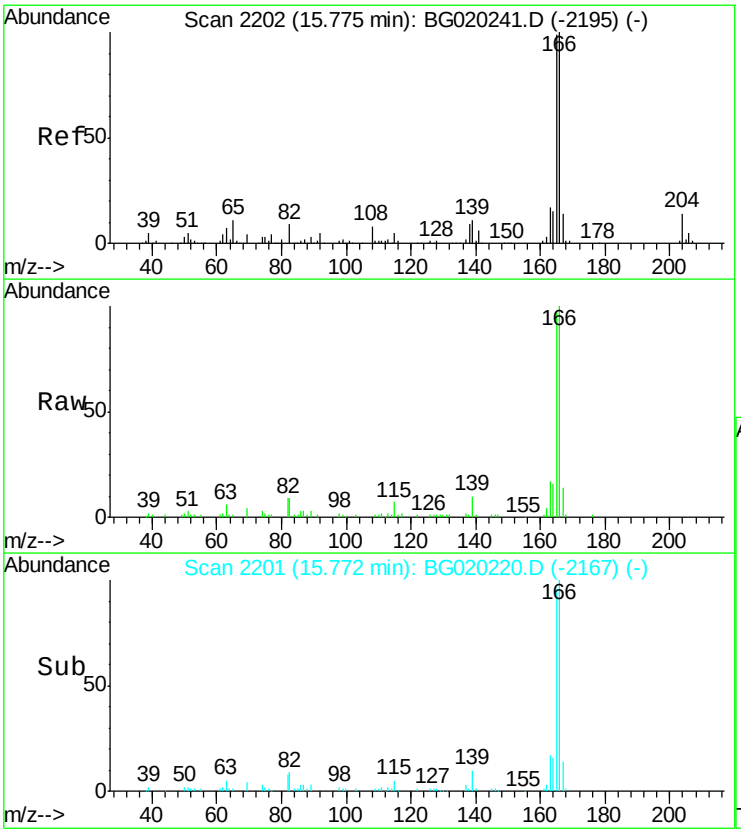
12/17/2015 12:00:15 PM

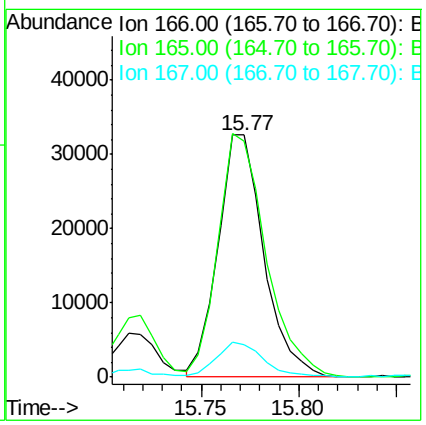


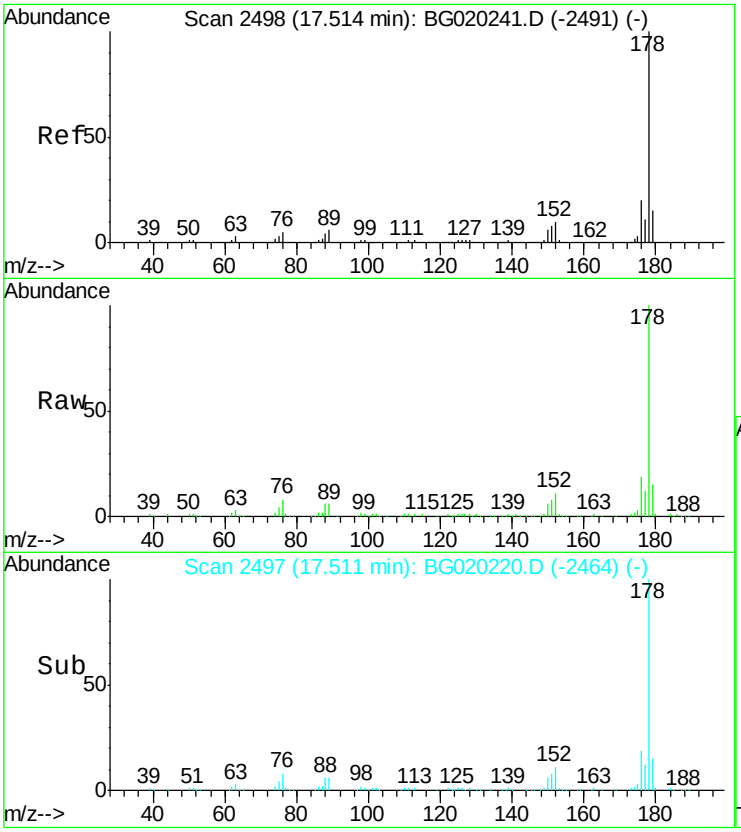


#59
Fluorene
Concen: 10.31 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:166 Resp: 52936

Ion	Ratio	Lower	Upper
166	100		
165	97.4	81.4	122.0
167	13.5	11.2	16.8

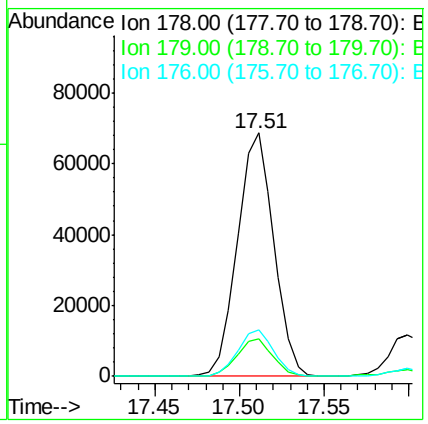




#70
Phenanthrene
Concen: 11.59 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:178 Resp: 102934

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	19.3	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
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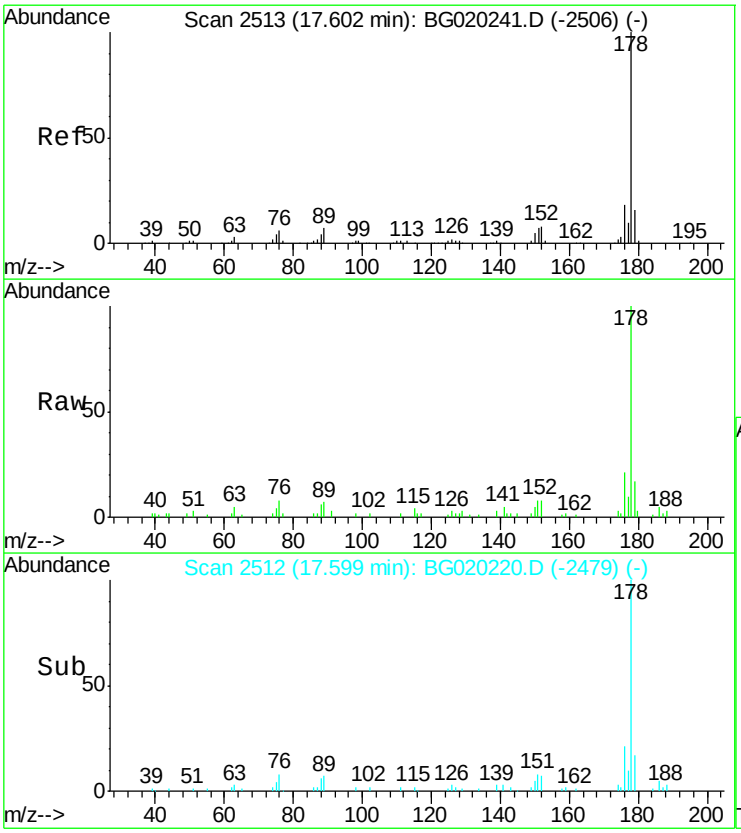
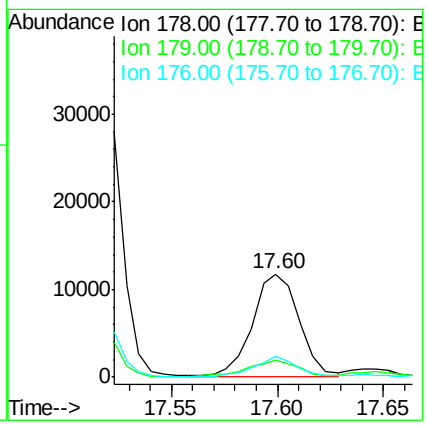
12/17/2015 12:00:15 PM

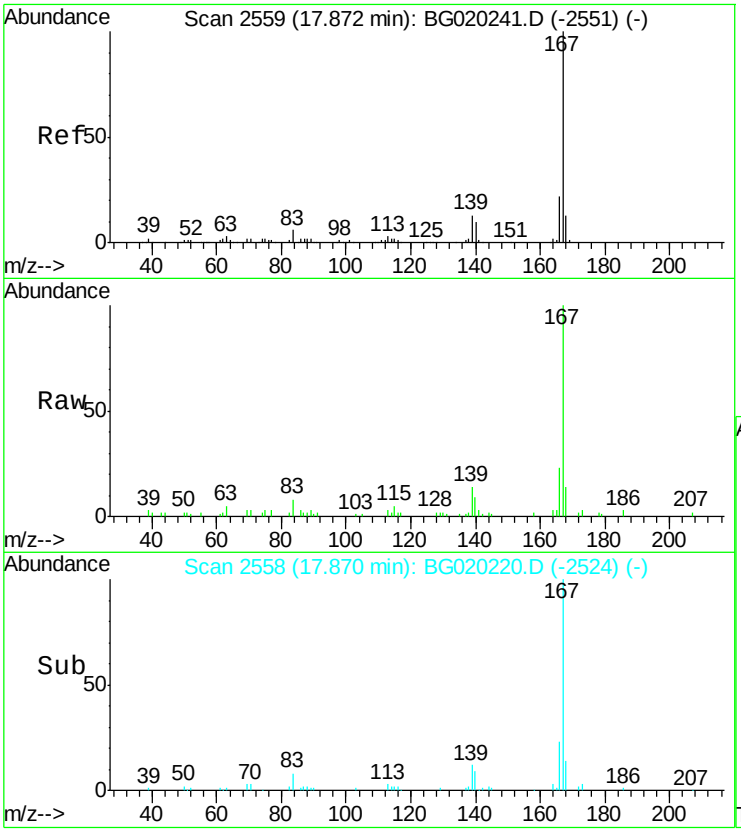


#72
Anthracene
Concen: 2.02 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:178 Resp: 18158

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	20.6	14.3	21.5

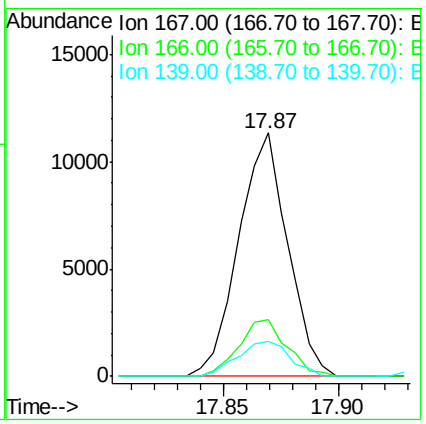




#75
Carbazole
Concen: 2.21 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BG020220.D
Acq: 16 Dec 2015 11:58

Tgt Ion:167 Resp: 16733

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.0	25.6
139	14.1	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
G9C87DL

Manual Integrations APPROVED
MMdadoda
12/17/2015 12:00:15 PM