

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020577.D
 Acq On : 28 Dec 2015 23:46
 Operator : UM/SJ
 Sample : G4846-19DL 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Manual Integrations
 APPROVED

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 12/29/2015 4:55:04 PM

Quant Time: Dec 29 05:54:42 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 05:04:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	14286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	59770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	47407	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	131581	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	171106	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	160361	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	408	0.60	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	9.25	128	123	0.26	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.52	165	453	0.44	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	4209	1.08	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	4420	0.98	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	3871	1.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	7535m	1.22	ng/ul	0.00
79) Pyrene-d10	19.84	212	8559	1.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	8543	1.05	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.93	128	94929	29.88	ng/ul	98
34) 2-Methylnaphthalene	12.54	142	11244	4.78	ng/ul	99
50) Acenaphthene	14.77	153	17313	5.38	ng/ul	98
54) Dibenzofuran	15.10	168	13746	2.87	ng/ul	99
59) Fluorene	15.75	166	9556	2.46	ng/ul	99
70) Phenanthrene	17.49	178	18720	2.56	ng/ul	98

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

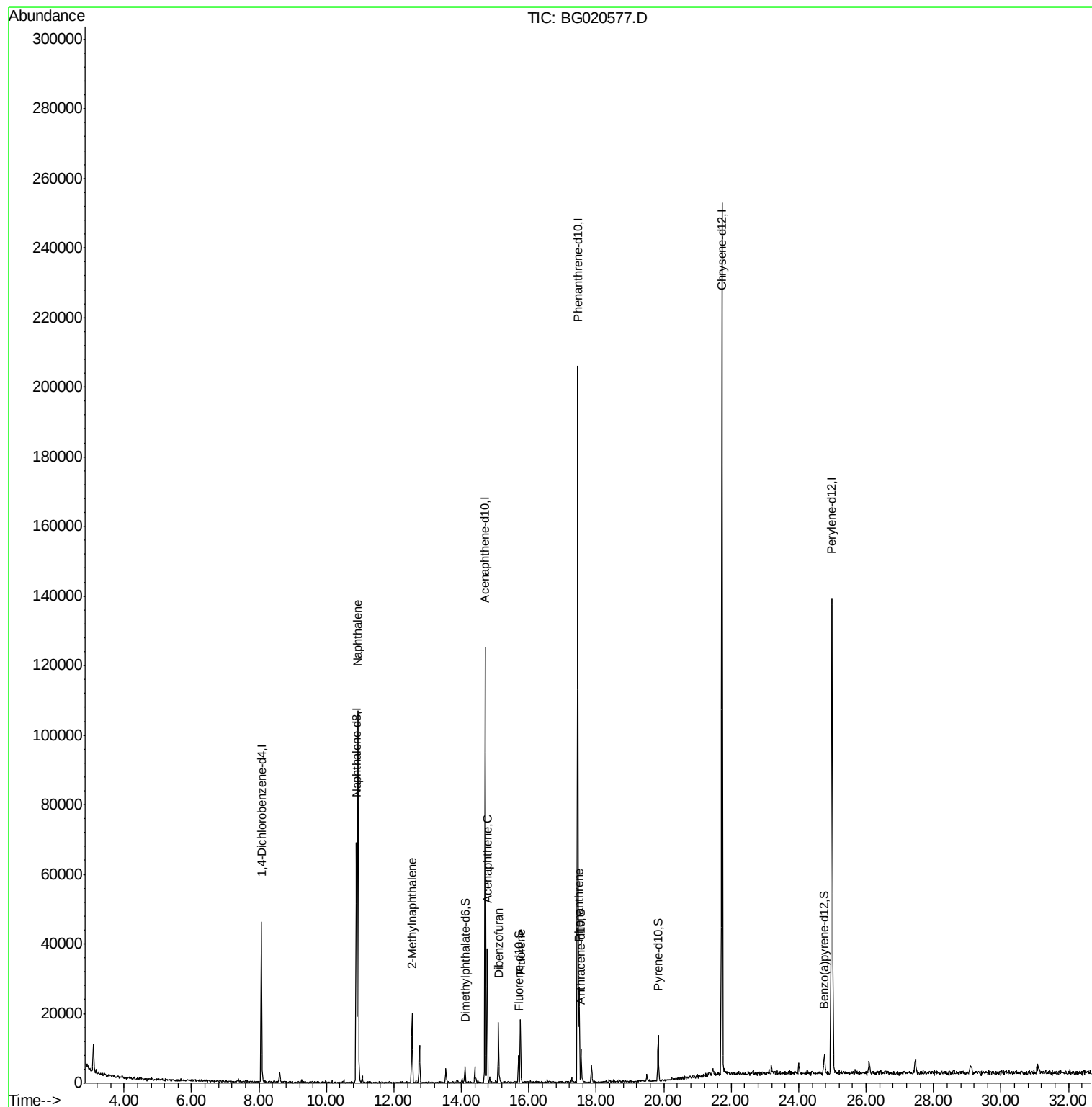
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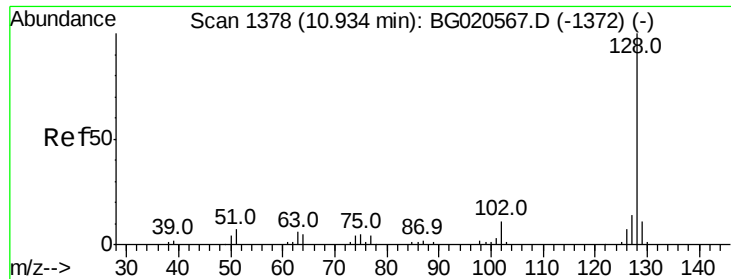
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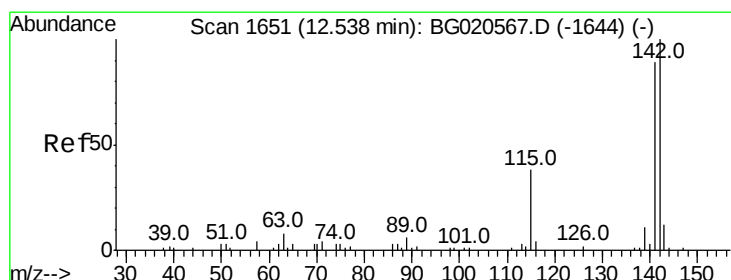
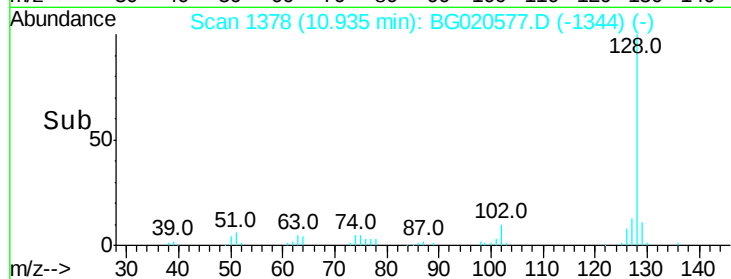
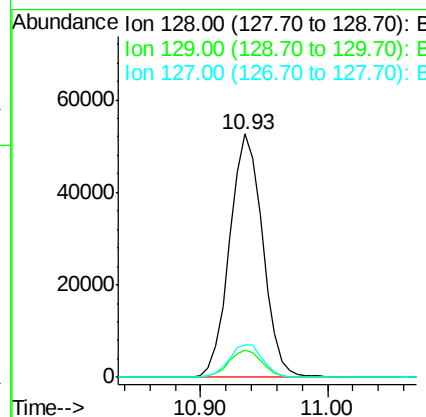
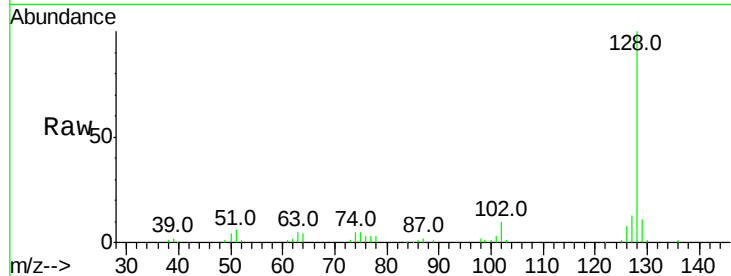
#28
Naphthalene
Concen: 29.88 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020577.D
Acq: 28 Dec 2015 23:46

Instrument :
BNA_G
ClientSampleId :
D9N65DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.4	10.1	15.1

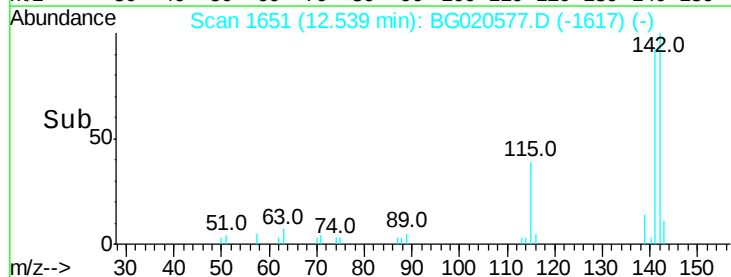
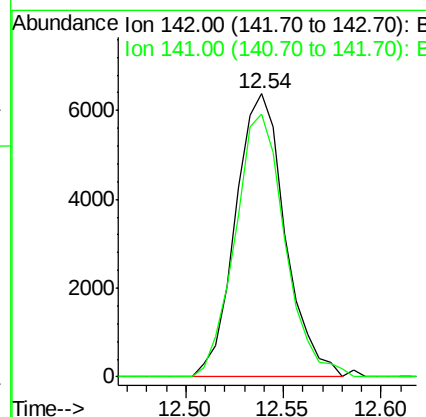
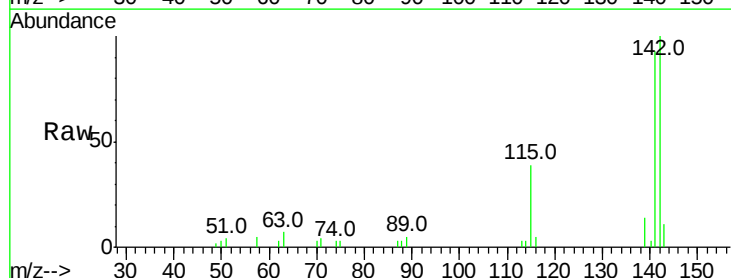
Manual Integrations
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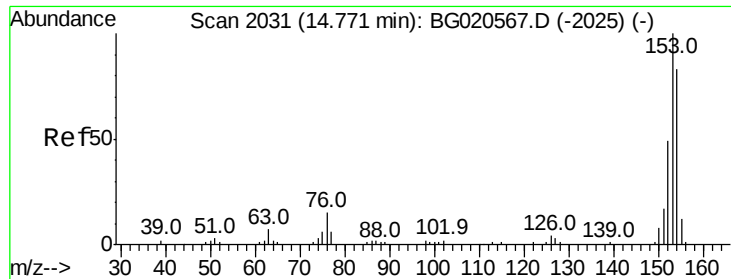
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#34
2-Methylnaphthalene
Concen: 4.78 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020577.D
Acq: 28 Dec 2015 23:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3





#50

Acenaphthene

Concen: 5.38 ng/ul

RT: 14.77 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG020577.D

Acq: 28 Dec 2015 23:46

Instrument :

BNA_G

ClientSampleId :

D9N65DL

Tot Ion:153 Resp: 17313

Ion Ratio Lower Upper

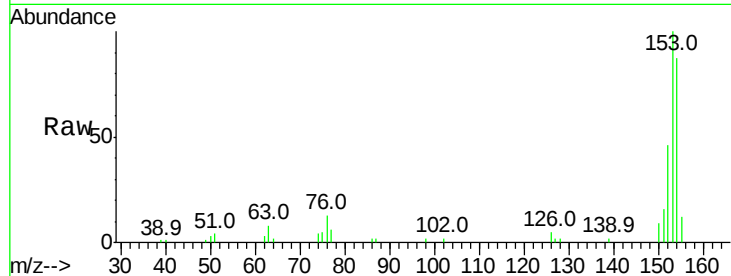
153 100

152 45.6 37.6 56.4

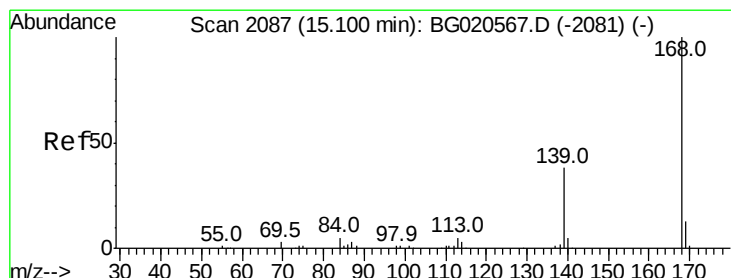
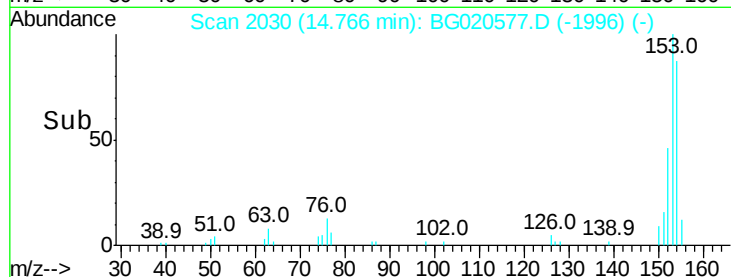
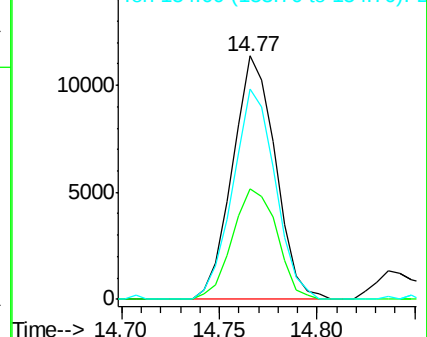
154 86.6 67.9 101.9

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.87 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020577.D

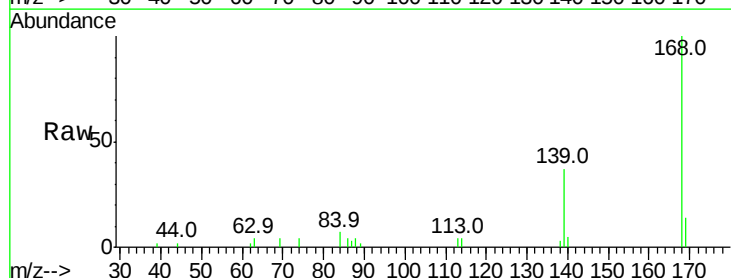
Acq: 28 Dec 2015 23:46

Tgt Ion:168 Resp: 13746

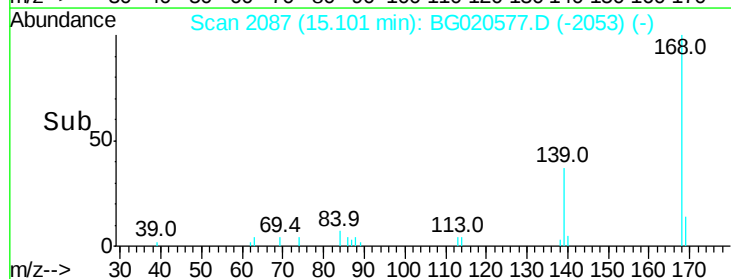
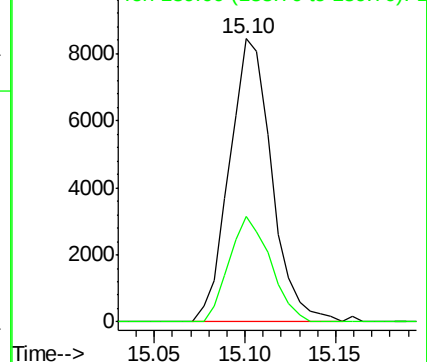
Ion Ratio Lower Upper

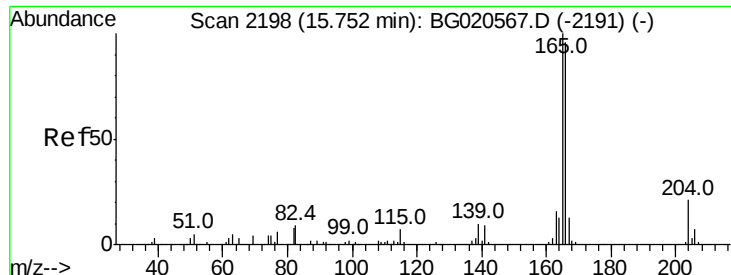
168 100

139 37.5 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





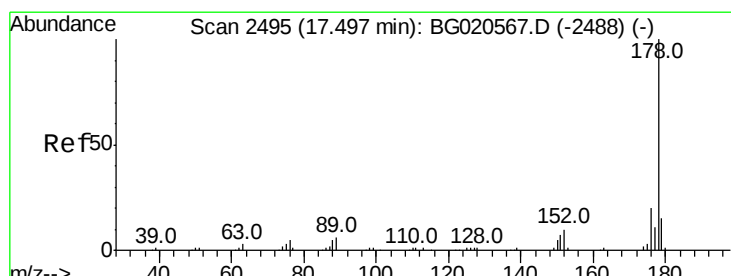
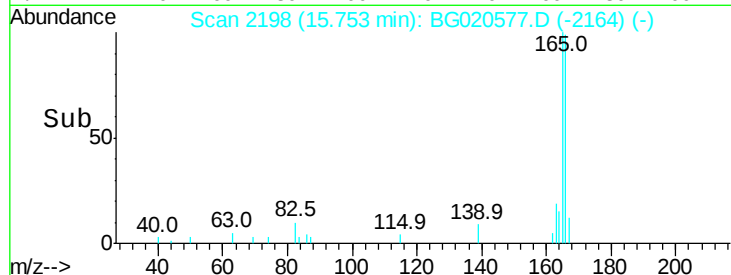
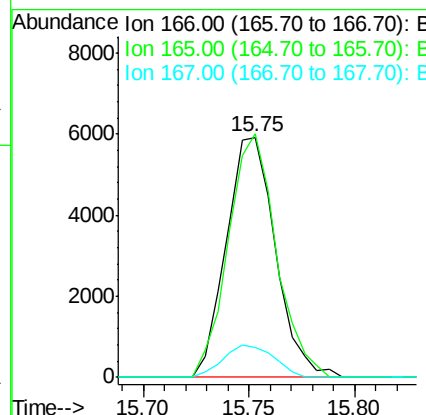
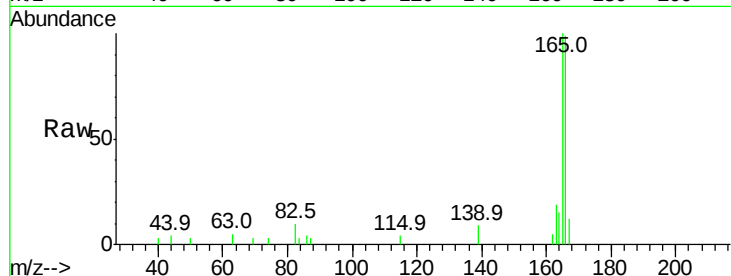
#59
Fluorene
 Concen: 2.46 ng/ul
 RT: 15.75 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BG020577.D
 Acq: 28 Dec 2015 23:46

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.4	122.0
167	12.4	11.2	16.8

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#70
Phenanthrene
 Concen: 2.56 ng/ul
 RT: 17.49 min Scan# 2494
 Delta R.T. 0.00 min
 Lab File: BG020577.D
 Acq: 28 Dec 2015 23:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.9	19.3
176	18.6	15.3	22.9

