

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
 Data File : BG020221.D
 Acq On : 16 Dec 2015 13:27
 Operator : UM/SJ
 Sample : G4786-15DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C88DL

Manual Integrations
 APPROVED

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 12/17/2015 12:00:29 PM

Quant Time: Dec 17 14:30:57 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	8.10	152	22333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	100224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	75045	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	193693	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	212917	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	201343	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	1200	0.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3294	2.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	3442	2.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2560	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	3038	3.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	2596	2.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	4932	2.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	18791	3.10	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	22737	3.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	564	0.52	ng/ul	0.00
58) Fluorene-d10	15.71	176	18543	3.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2679	2.33	ng/ul	0.00
71) Anthracene-d10	17.56	188	28692m	3.21	ng/ul	0.00
79) Pyrene-d10	19.85	212	31418	3.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	30224	3.01	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.92	105	3830	1.45	ng/ul#	80
24) 2,4-Dimethylphenol	10.07	107	24161	11.41	ng/ul	96
28) Naphthalene	10.98	128	1328908	253.91	ng/ul#	94
34) 2-Methylnaphthalene	12.56	142	187549	46.91	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	12775	2.26	ng/ul	97
50) Acenaphthene	14.79	153	36537	7.24	ng/ul	96
59) Fluorene	15.77	166	15334	2.54	ng/ul	96
70) Phenanthrene	17.51	178	32439	3.06	ng/ul	96

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

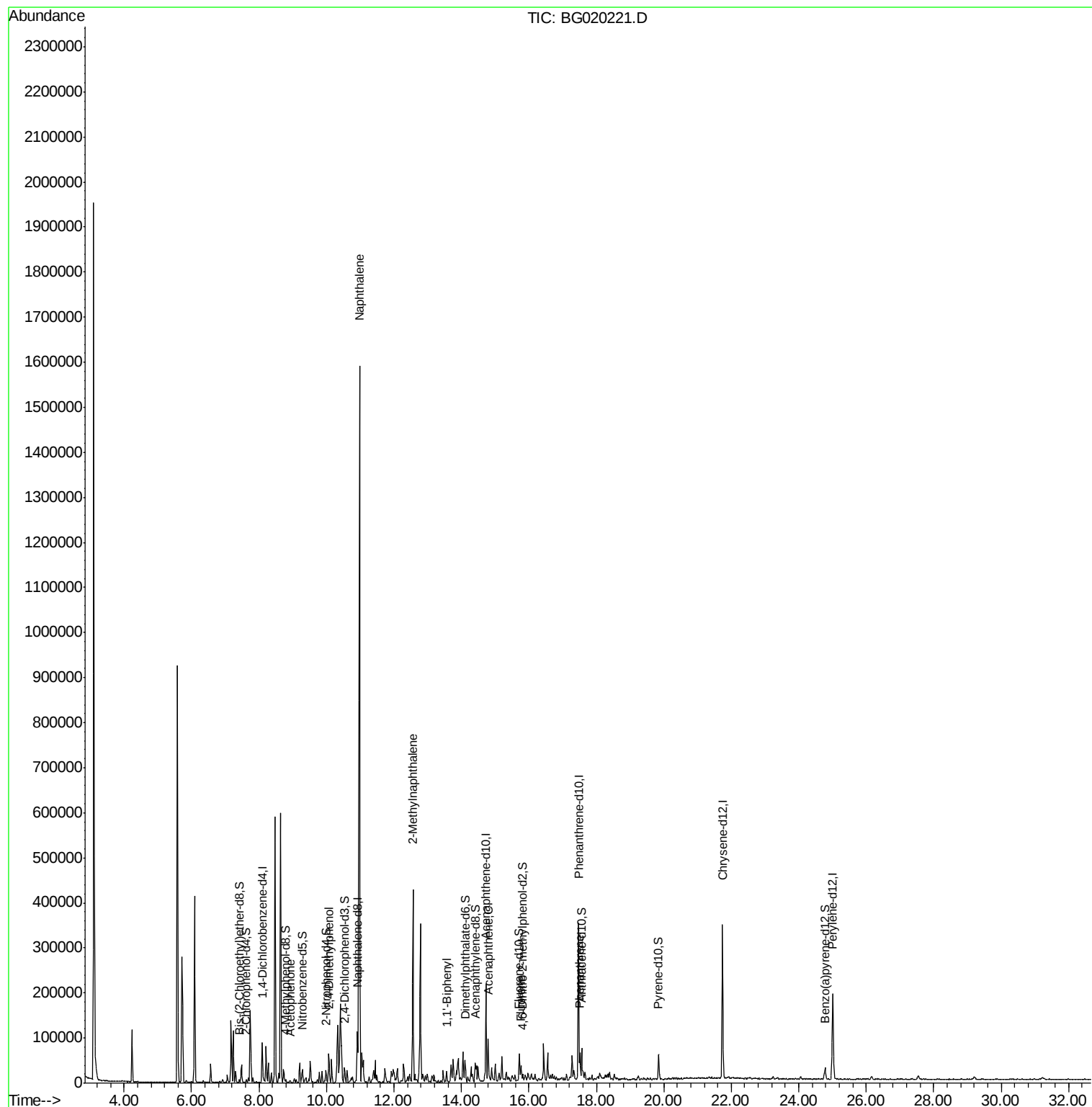
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
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ALS Vial : 7 Sample Multiplier: 1

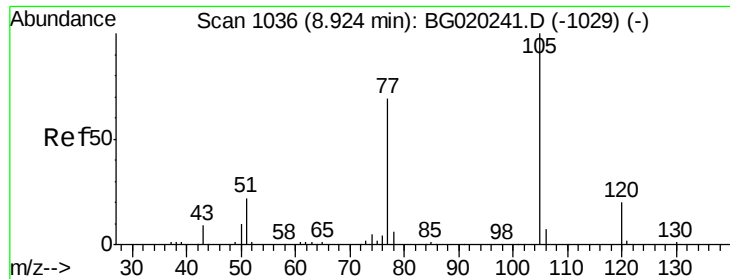
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 17 14:30:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.45 ng/ul

RT: 8.92 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

Instrument :

BNA_G

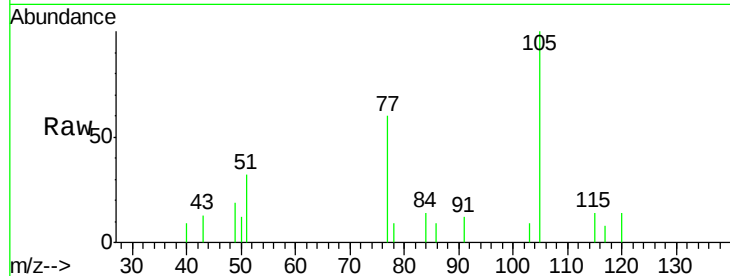
ClientSampleId :

G9C88DL

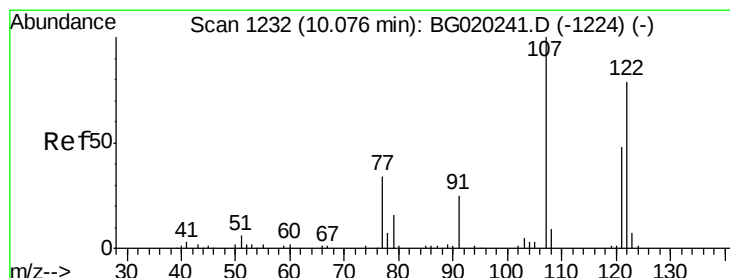
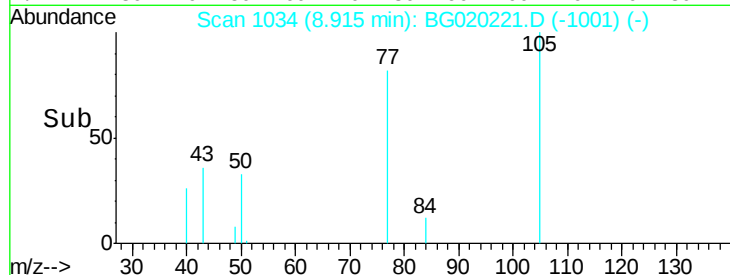
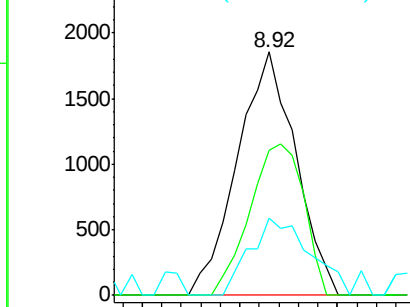
Tgt Ion:	105	Resp:	3830
Ion Ratio	Lower	Upper	
105	100		
77	59.5	65.2	97.8#
51	31.8	22.6	33.8

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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 51.00 (50.70 to 51.70): BGO



#24

2,4-Dimethylphenol

Concen: 11.41 ng/ul

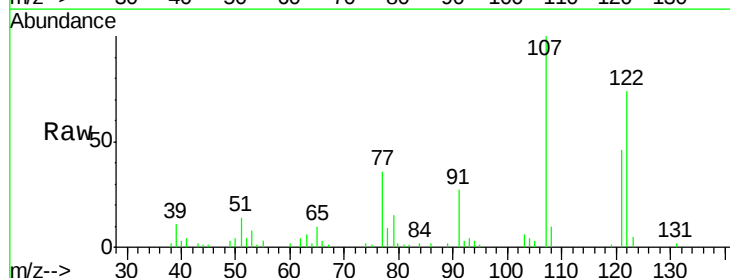
RT: 10.07 min Scan# 1231

Delta R.T. 0.00 min

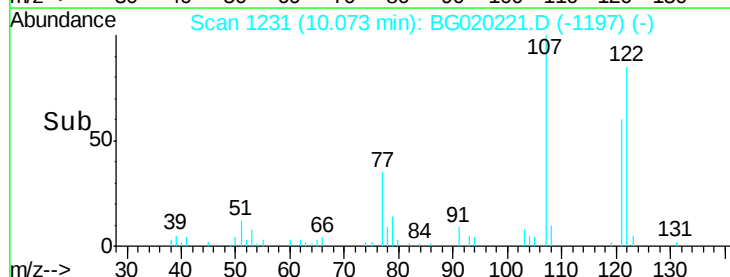
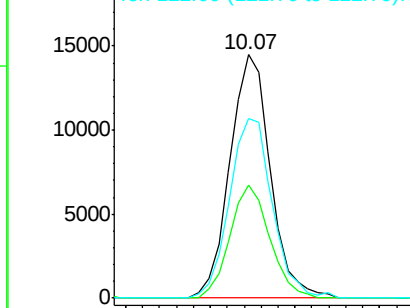
Lab File: BG020221.D

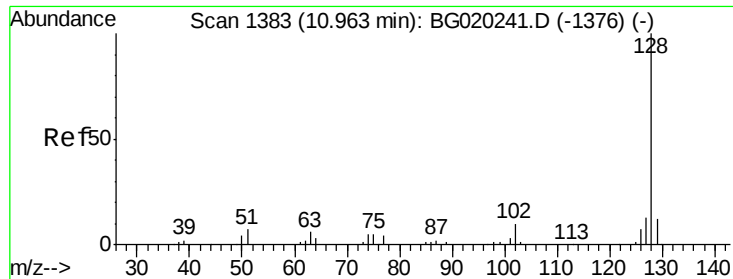
Acq: 16 Dec 2015 13:27

Tgt Ion:	107	Resp:	24161
Ion Ratio	Lower	Upper	
107	100		
121	46.4	39.0	58.4
122	74.0	62.1	93.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E





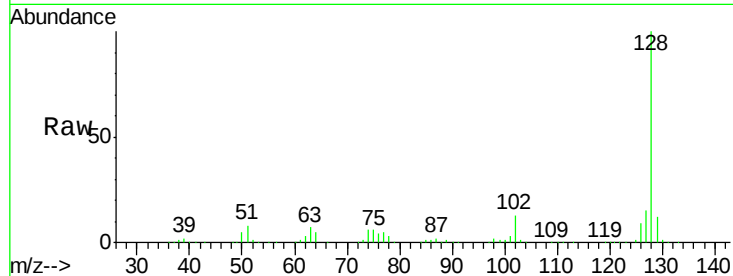
#28
Naphthalene
Concen: 253.91 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG020221.D
Acq: 16 Dec 2015 13:27

Instrument :
BNA_G
ClientSampleId :
G9C88DL

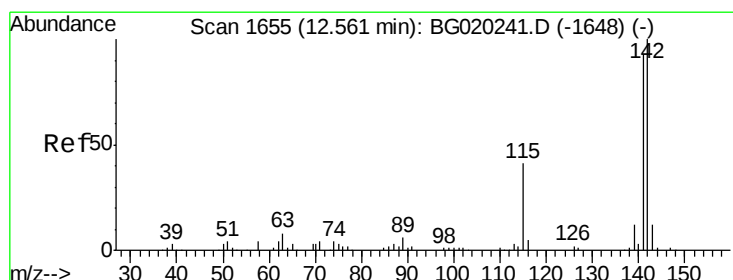
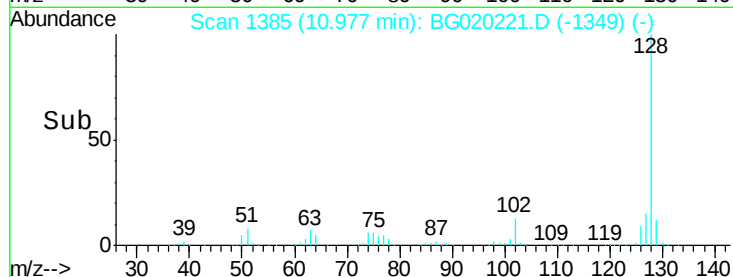
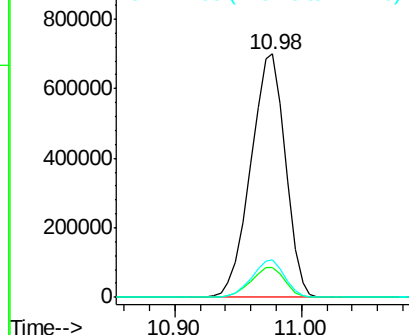
Tgt Ion:128 Resp: 1328908
Ion Ratio Lower Upper
128 100
129 12.4 8.6 12.8
127 15.4 10.1 15.1#

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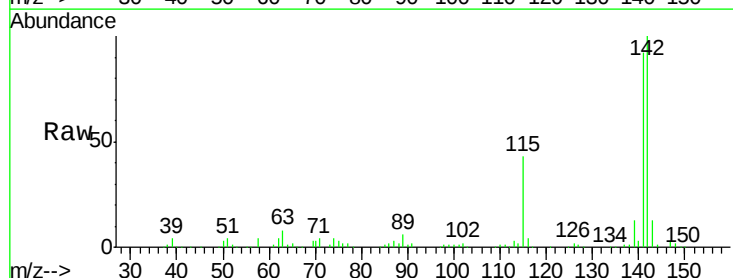


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

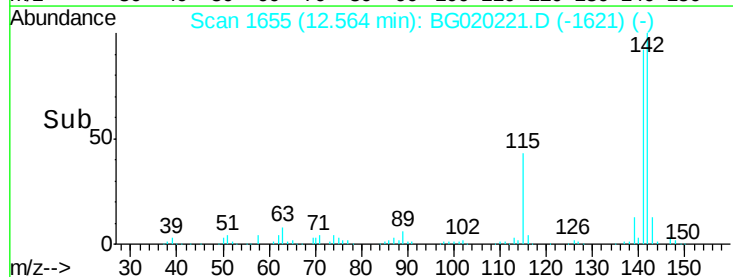
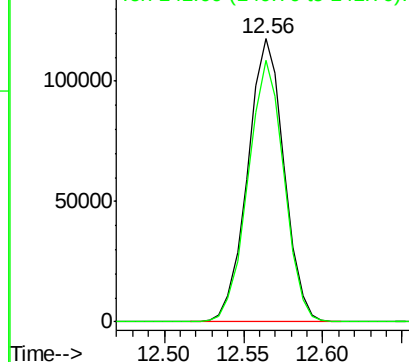


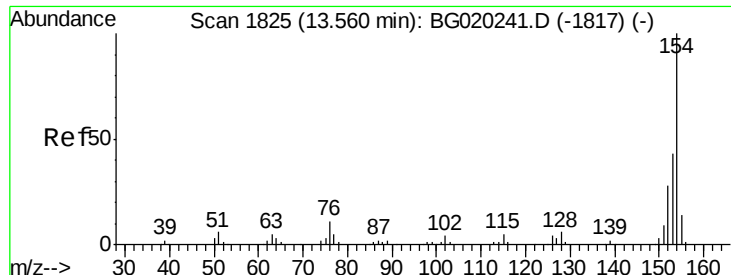
#34
2-Methylnaphthalene
Concen: 46.91 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG020221.D
Acq: 16 Dec 2015 13:27

Tgt Ion:142 Resp: 187549
Ion Ratio Lower Upper
142 100
141 92.4 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 2.26 ng/ul

RT: 13.56 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG020221.D

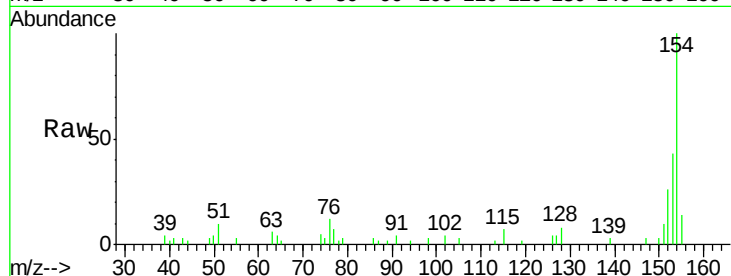
Acq: 16 Dec 2015 13:27

Instrument :

BNA_G

ClientSampleId :

G9C88DL



Tgt Ion:154 Resp: 12775

Ion Ratio Lower Upper

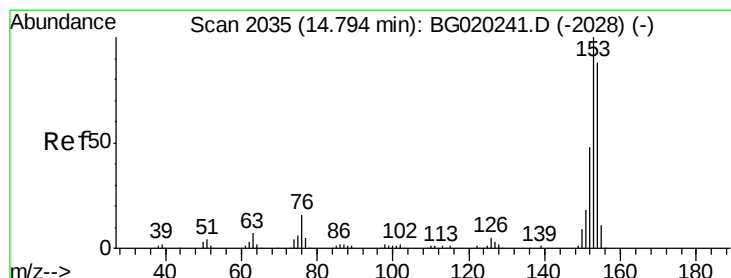
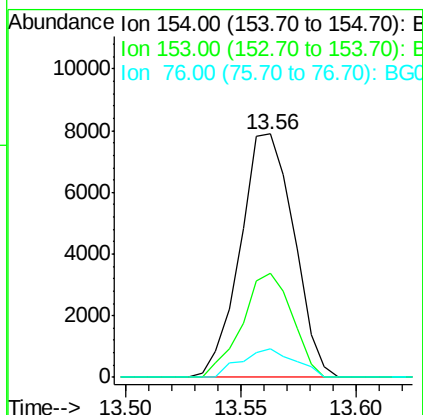
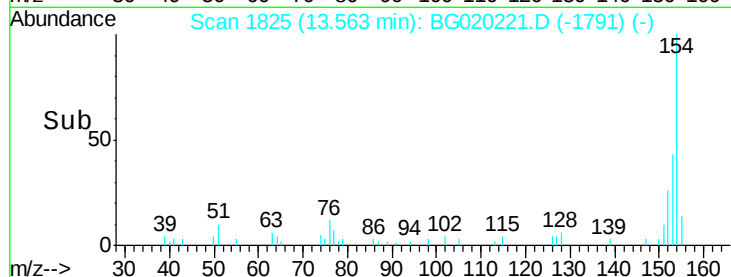
154 100

153 42.6 35.5 53.3

76 11.7 10.4 15.6

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#50

Acenaphthene

Concen: 7.24 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

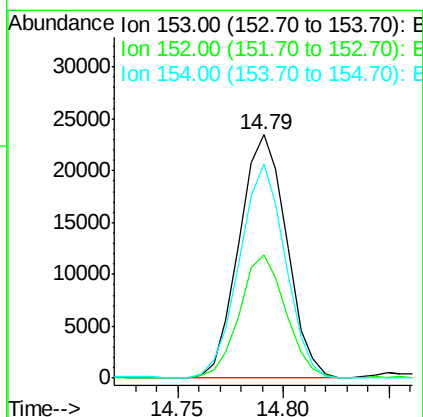
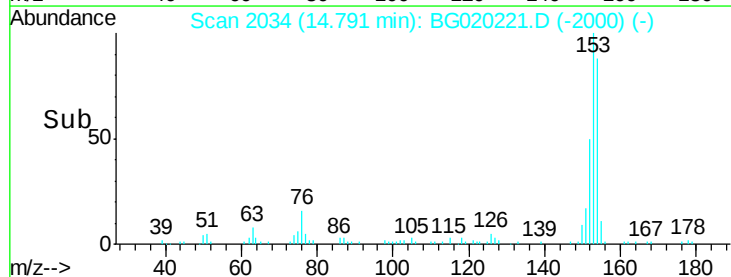
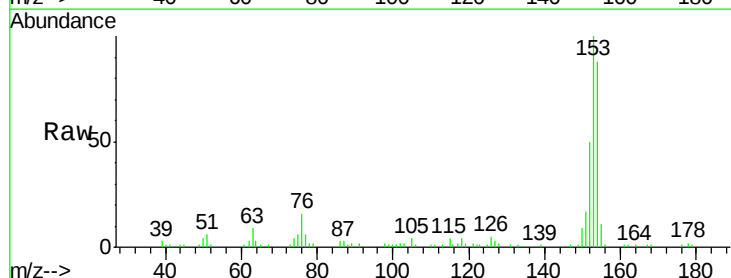
Tgt Ion:153 Resp: 36537

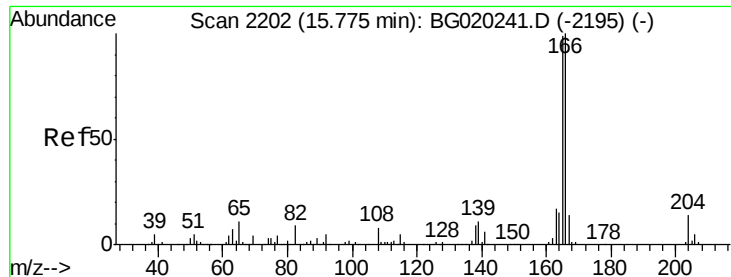
Ion Ratio Lower Upper

153 100

152 50.5 37.6 56.4

154 87.7 67.9 101.9





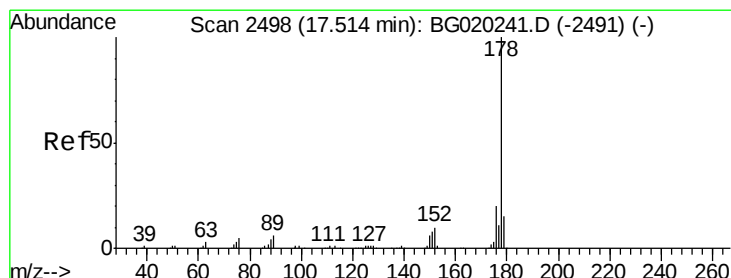
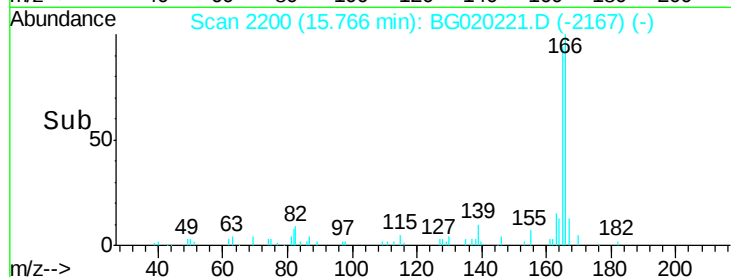
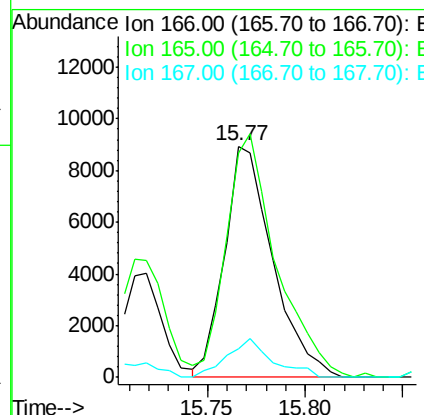
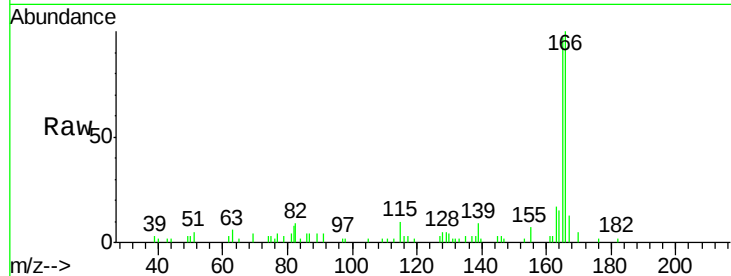
#59
 Fluorene
 Concen: 2.54 ng/ul
 RT: 15.77 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	81.4	122.0
167	12.6	11.2	16.8

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#70
 Phenanthrene
 Concen: 3.06 ng/ul
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.9	19.3
176	17.6	15.3	22.9

