

Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
 Data File : BG020601.D
 Acq On : 30 Dec 2015 10:04
 Operator : UM/SJ
 Sample : G4846-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N49

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:33:00 PM

Quant Time: Jan 05 00:53:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 08:00:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	103031	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.70	164	73306	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	168030	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	201348	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	195415	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	394	1.00	ng/uL	0.00
5) Phenol-d5	7.22	99	14018	7.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	41050	34.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	42508	27.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	29264	17.17	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	29556	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	34430	37.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	57366	32.69	ng/ul	0.02
29) 4-Chloroaniline-d4	11.01	131	6290m	3.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	206710	34.46	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	240456	35.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6009	6.39	ng/ul	0.00
58) Fluorene-d10	15.69	176	191964	35.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	34843	34.19	ng/ul	0.00
71) Anthracene-d10	17.55	188	284782	36.38	ng/ul	0.01
79) Pyrene-d10	19.82	212	333540	36.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	382389	39.22	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	11.01	128	8545740	1566.23	ng/ul#	47
34) 2-Methylnaphthalene	12.55	142	1648363	403.74	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	531767	96.41	ng/ul	99
48) Acenaphthylene	14.42	152	310324	42.76	ng/ul	98
50) Acenaphthene	14.78	153	2013374	409.95	ng/ul	93
54) Dibenzofuran	15.11	168	1662886	224.04	ng/ul	90
59) Fluorene	15.76	166	1371097	229.66	ng/ul#	97
70) Phenanthrene	17.50	178	2451203	268.33	ng/ul#	82
72) Anthracene	17.58	178	226986m	24.29	ng/ul	
75) Carbazole	17.87	167	1913096	242.63	ng/ul#	88
77) Fluoranthene	19.49	202	491032	43.99	ng/ul	99
80) Pyrene	19.85	202	287643	24.66	ng/ul	99

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

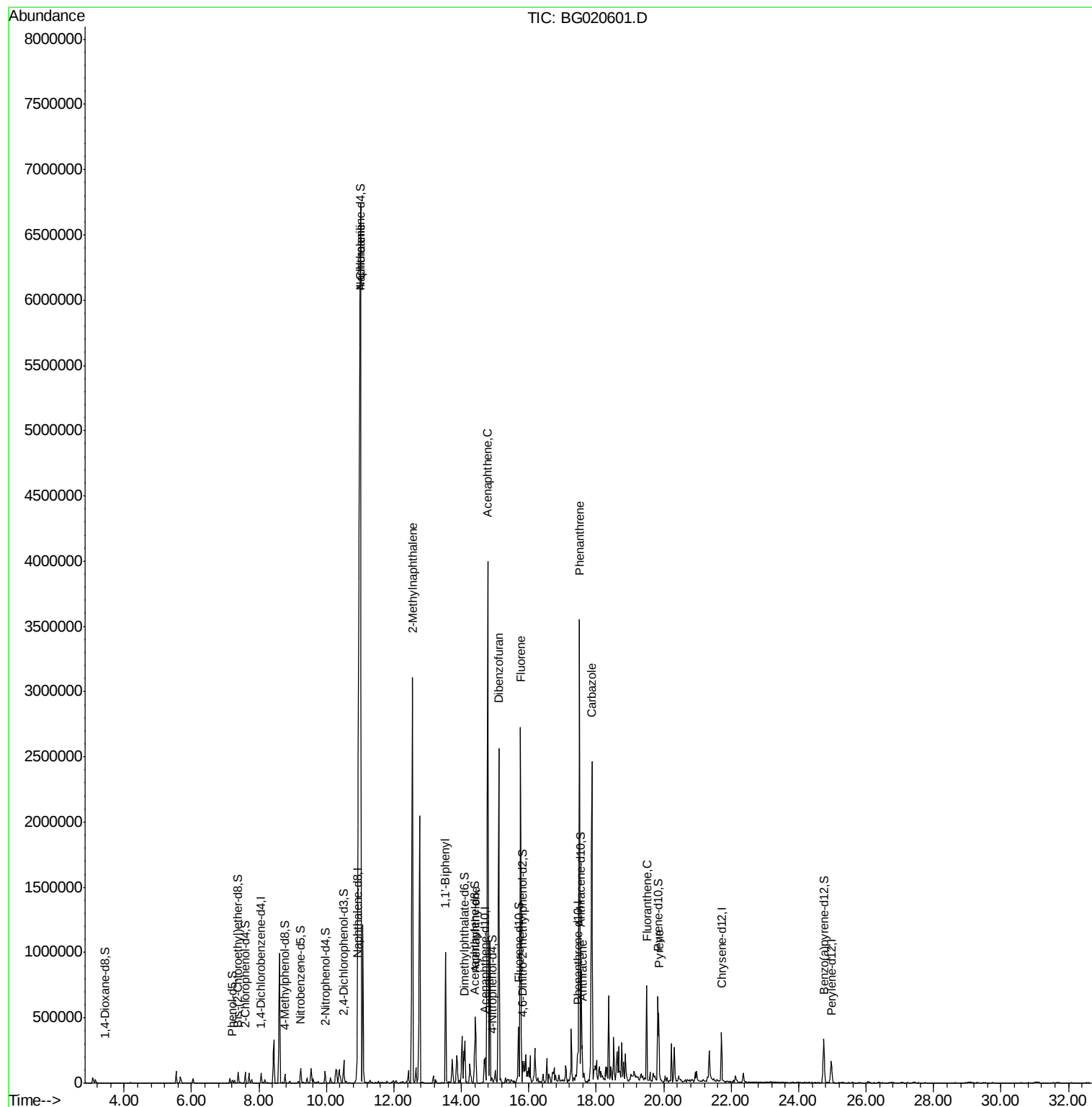
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020601.D
Acq On : 30 Dec 2015 10:04
Operator : UM/SJ
Sample : G4846-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

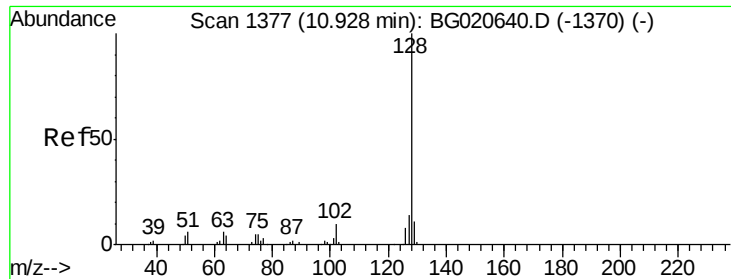
Instrument :
BNA_G
ClientSampleId :
D9N49

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Quant Time: Jan 05 00:53:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration





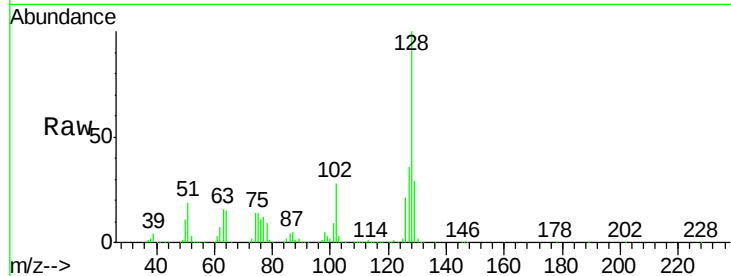
#28
Naphthalene
Concen: 1566.23 ng/ul
RT: 11.01 min Scan# 1391
Delta R.T. 0.08 min
Lab File: BG020601.D
Acq: 30 Dec 2015 10:04

Instrument :
BNA_G
ClientSampleId :
D9N49

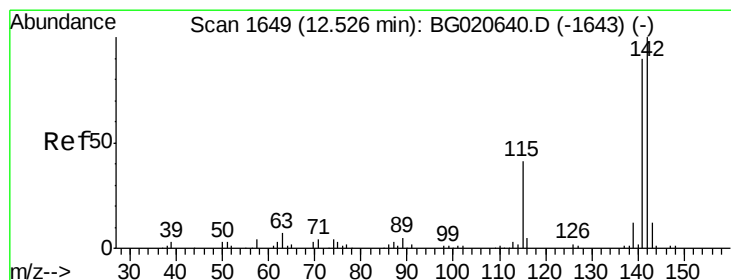
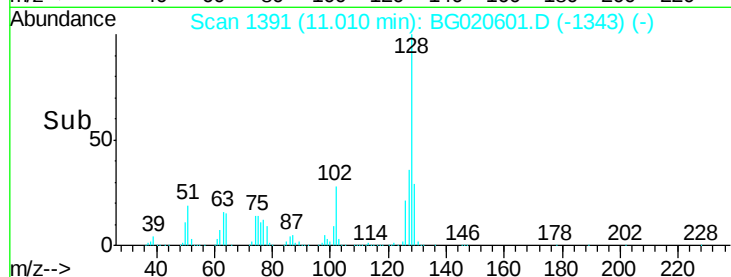
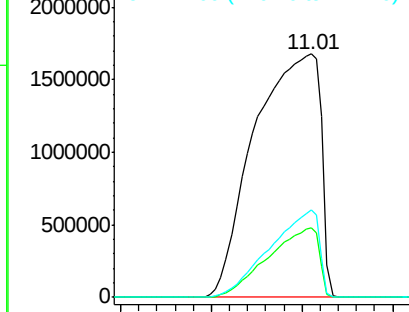
Tgt Ion:128 Resp: 8545740
Ion Ratio Lower Upper
128 100
129 28.7 8.3 12.5#
127 35.8 10.8 16.2#

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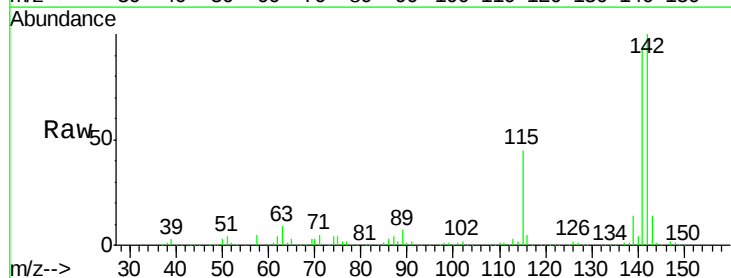


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

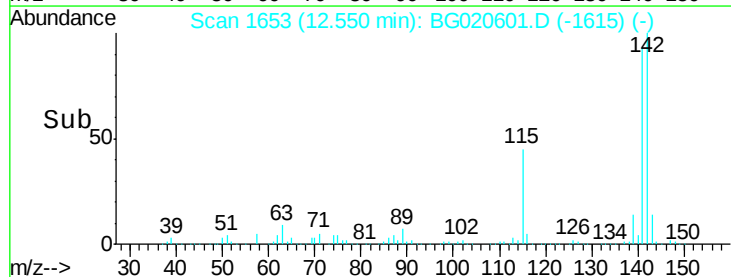
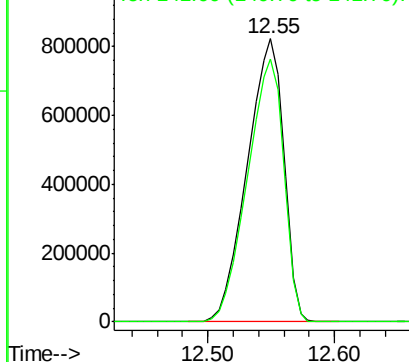


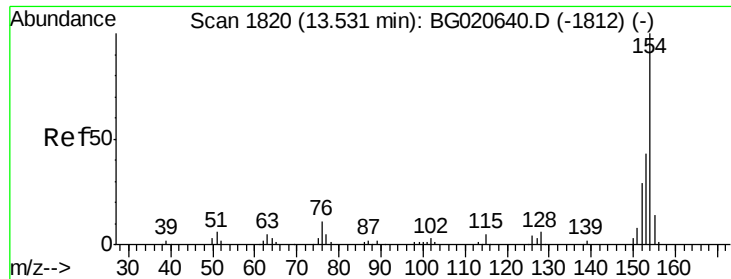
#34
2-Methylnaphthalene
Concen: 403.74 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BG020601.D
Acq: 30 Dec 2015 10:04

Tgt Ion:142 Resp: 1648363
Ion Ratio Lower Upper
142 100
141 92.8 71.4 107.2



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





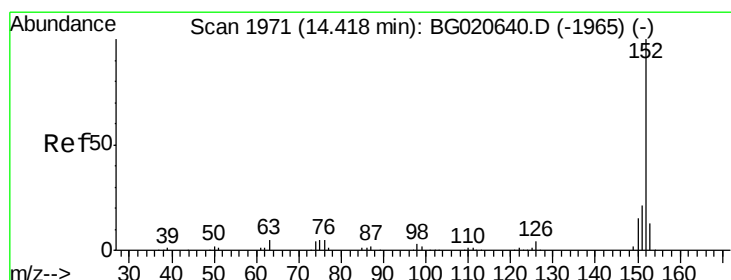
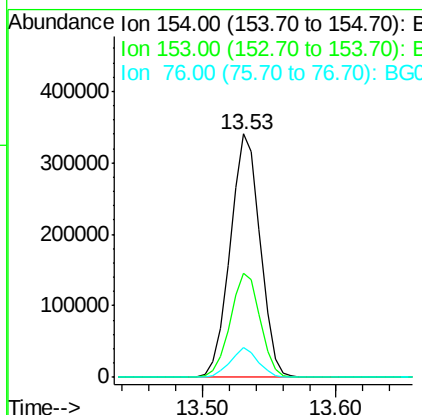
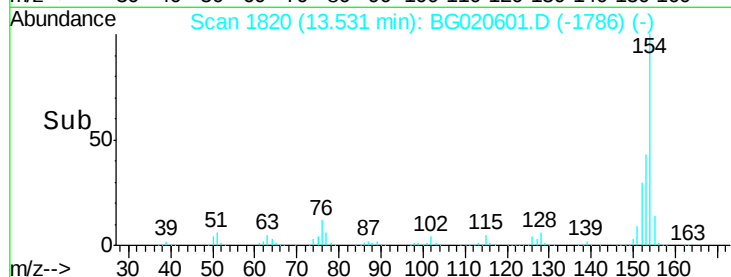
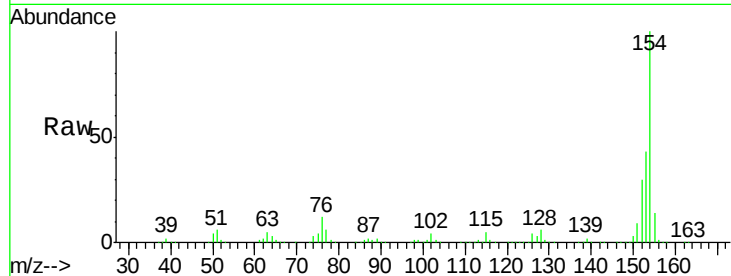
#41
 1,1'-Biphenyl
 Concen: 96.41 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG020601.D
 Acq: 30 Dec 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 D9N49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	34.0	51.0
76	12.2	8.4	12.6

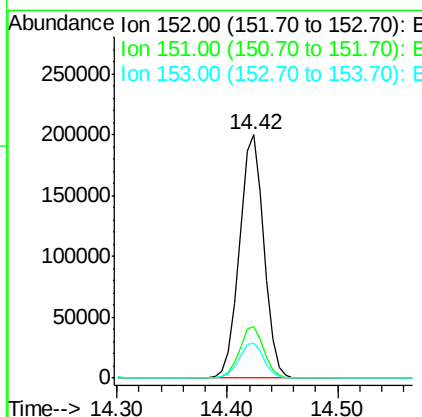
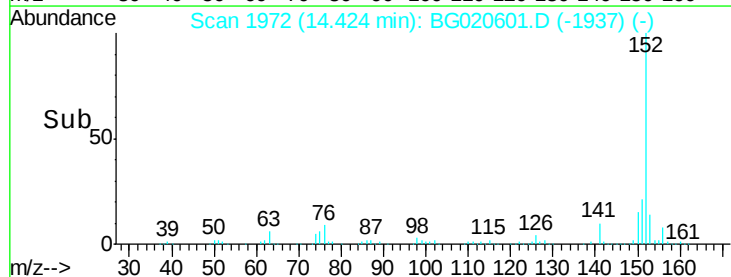
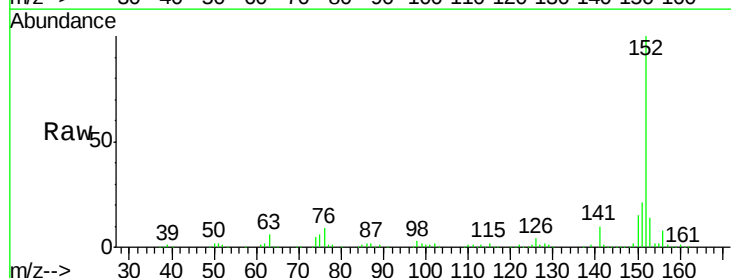
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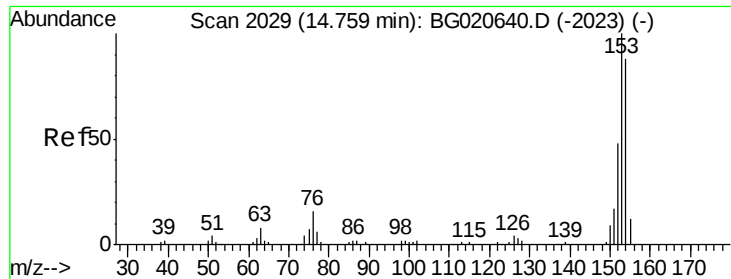
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#48
 Acenaphthylene
 Concen: 42.76 ng/ul
 RT: 14.42 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG020601.D
 Acq: 30 Dec 2015 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.1	24.1
153	14.3	10.8	16.2





#50

Acenaphthene

Concen: 409.95 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BG020601.D

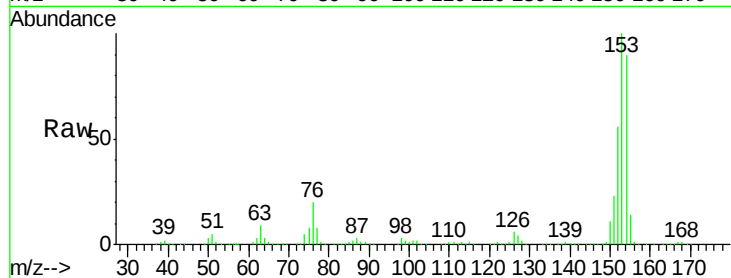
Acq: 30 Dec 2015 10:04

Instrument :

BNA_G

ClientSampleId :

D9N49



Tgt Ion:153 Resp: 2013374

Ion Ratio Lower Upper

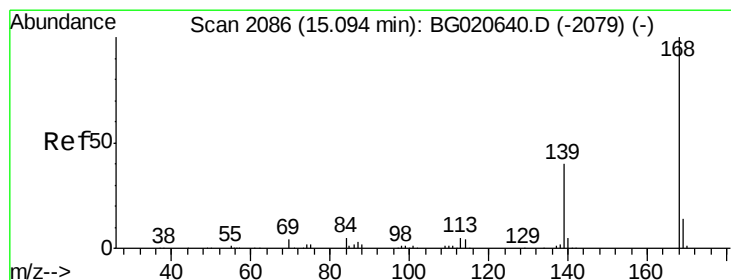
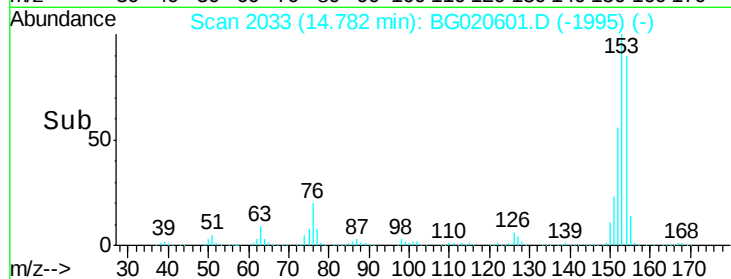
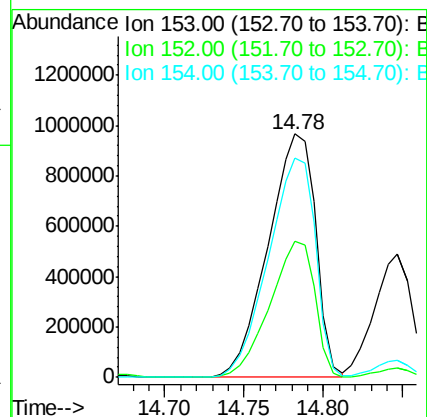
153 100

152 55.9 37.9 56.9

154 90.3 69.8 104.6

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#54

Dibenzofuran

Concen: 224.04 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG020601.D

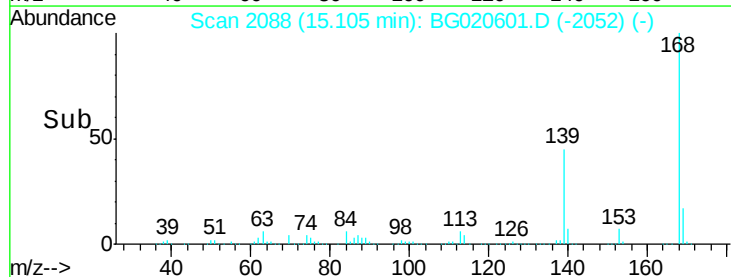
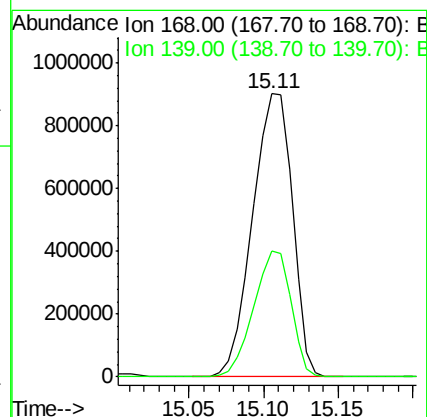
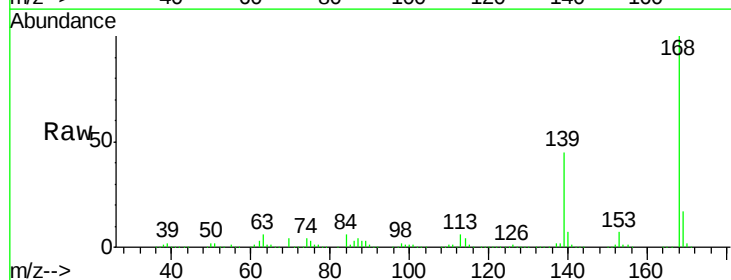
Acq: 30 Dec 2015 10:04

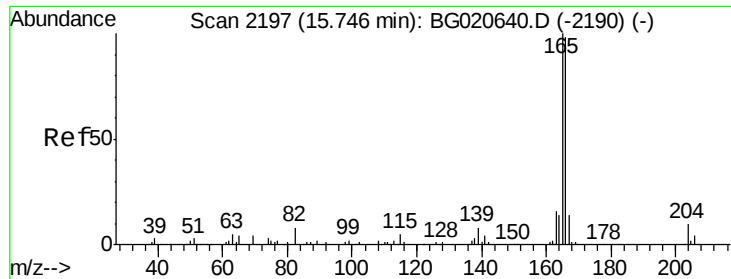
Tgt Ion:168 Resp: 1662886

Ion Ratio Lower Upper

168 100

139 44.6 31.0 46.4





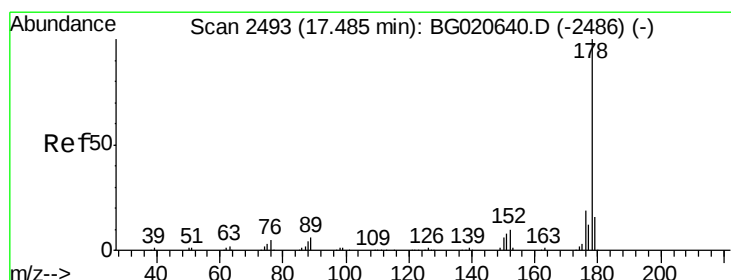
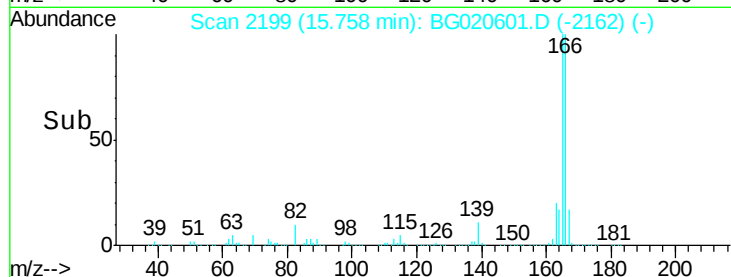
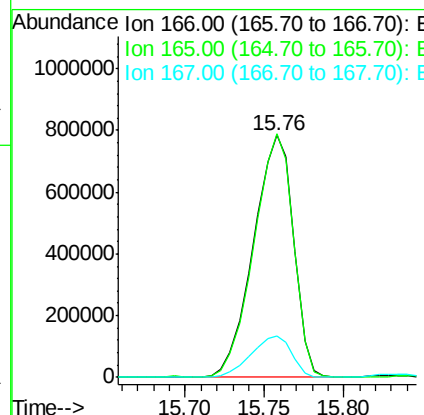
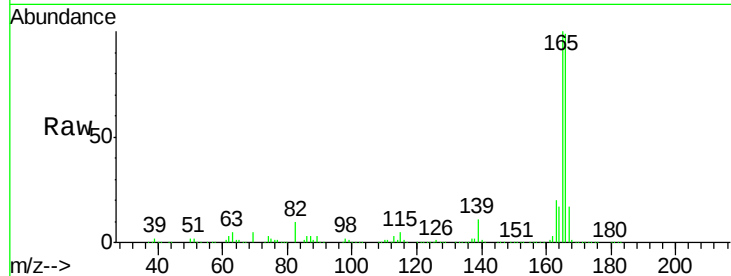
#59
 Fluorene
 Concen: 229.66 ng/ul
 RT: 15.76 min Scan# 2199
 Delta R.T. 0.02 min
 Lab File: BG020601.D
 Acq: 30 Dec 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 D9N49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.4	117.6
167	17.3	11.1	16.7#

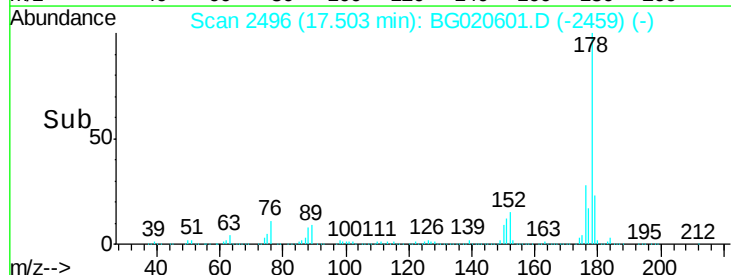
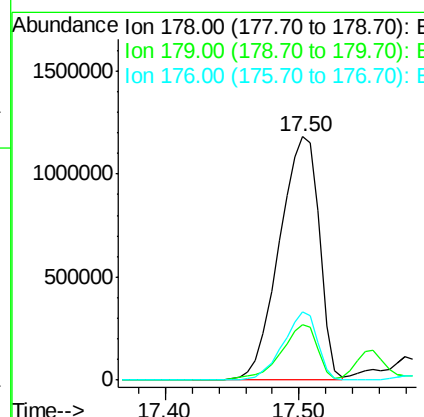
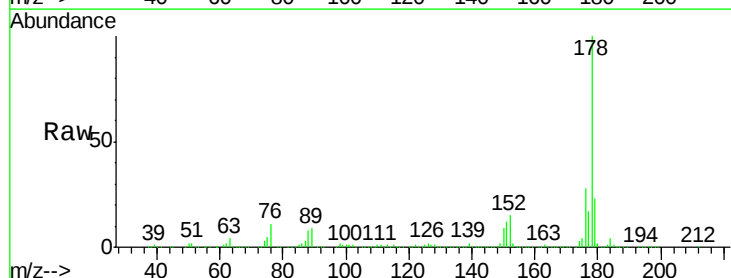
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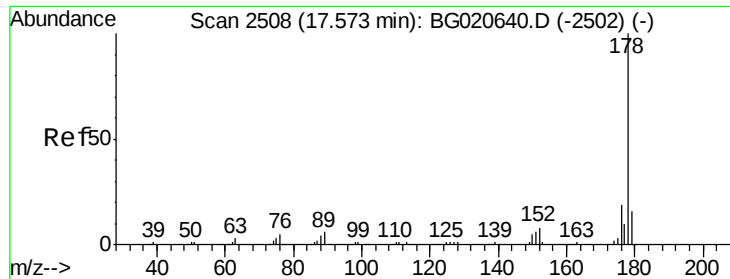
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#70
 Phenanthrene
 Concen: 268.33 ng/ul
 RT: 17.50 min Scan# 2496
 Delta R.T. 0.02 min
 Lab File: BG020601.D
 Acq: 30 Dec 2015 10:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.6	12.3	18.5#
176	28.0	15.4	23.0#





#72

Anthracene

Concen: 24.29 ng/ul m

RT: 17.58 min Scan# 2509

Delta R.T. 0.01 min

Lab File: BG020601.D

Acq: 30 Dec 2015 10:04

Instrument :

BNA_G

ClientSampleId :

D9N49

Tgt Ion:178 Resp: 226986

Ion Ratio Lower Upper

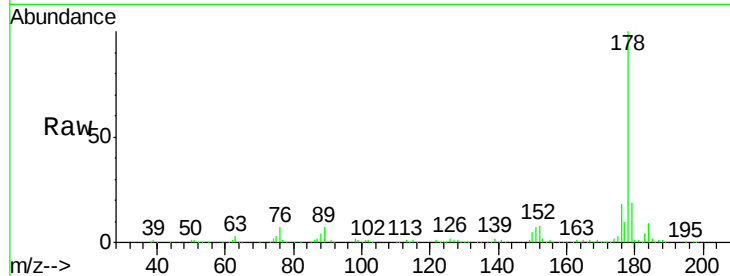
178 100

179 19.0 13.4 20.2

176 17.7 15.4 23.0

Manual Integrations
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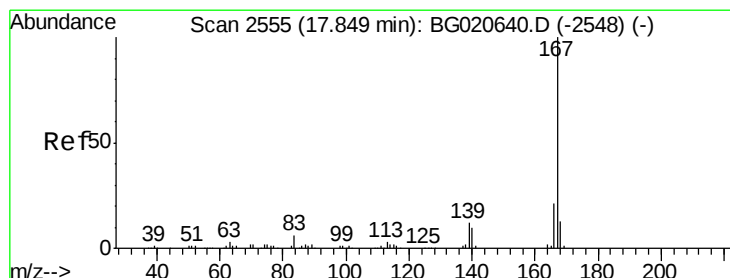
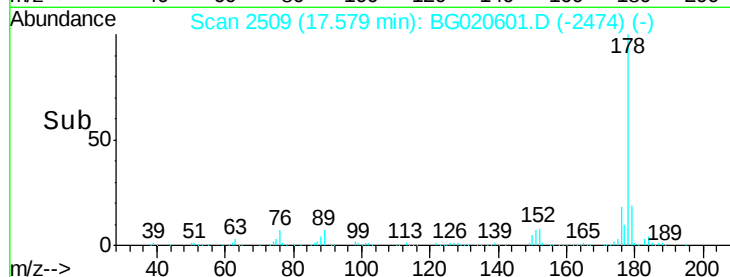
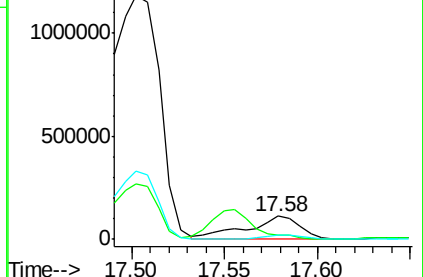
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 242.63 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BG020601.D

Acq: 30 Dec 2015 10:04

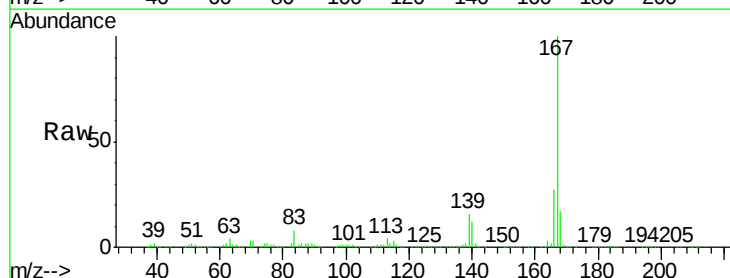
Tgt Ion:167 Resp: 1913096

Ion Ratio Lower Upper

167 100

166 26.6 17.0 25.4#

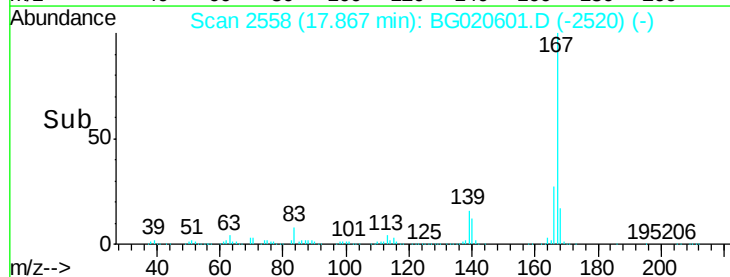
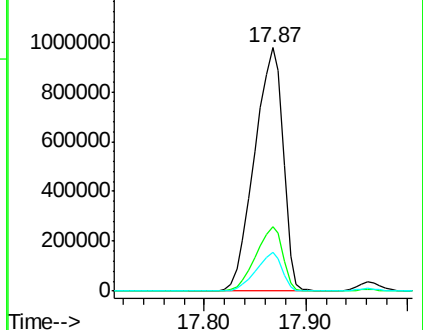
139 15.9 9.1 13.7#

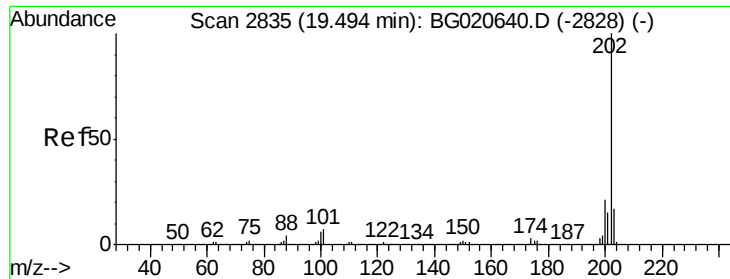


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 43.99 ng/ul

RT: 19.49 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BG020601.D

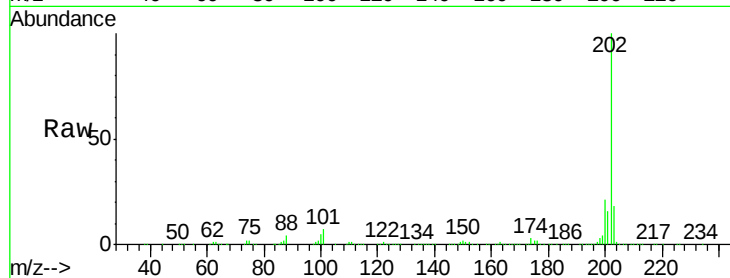
Acq: 30 Dec 2015 10:04

Instrument :

BNA_G

ClientSampleId :

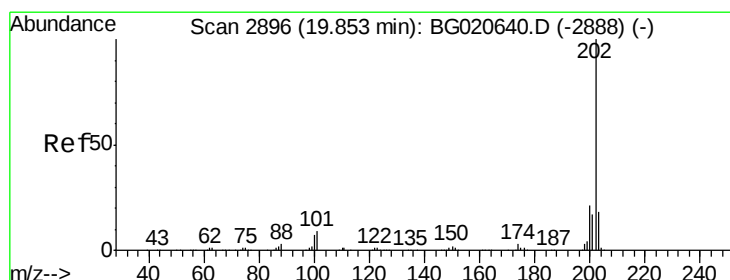
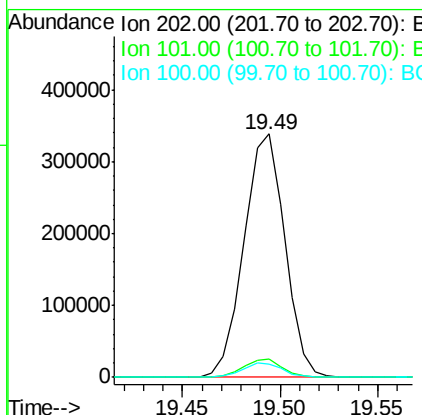
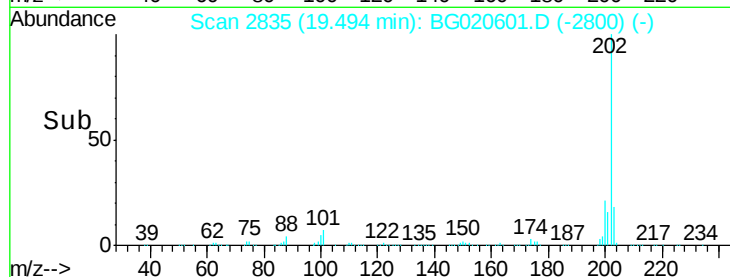
D9N49



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	491032		
101	7.4	6.1	9.1	
100	5.3	4.6	7.0	

Manual Integrations
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#80

Pyrene

Concen: 24.66 ng/ul

RT: 19.85 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG020601.D

Acq: 30 Dec 2015 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	287643		
101	8.9	6.9	10.3	
100	7.3	5.6	8.4	

