

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020649.D
 Acq On : 31 Dec 2015 19:52
 Operator : UM/SJ
 Sample : G4847-08DL 30X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72DL

Manual Integrations
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Quant Time: Jan 01 04:41:21 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	17944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	83041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	62939	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	164189	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	194793	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	183817	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	7.38	67	658	0.72	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.24	128	221	0.34	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.50	165	927m	0.66	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	5808	1.13	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	6327	1.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	5661	1.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	8884	1.16	ng/ul	0.00
79) Pyrene-d10	19.82	212	10254	1.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	9929	1.08	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.93	128	166569	37.88	ng/ul	97
34) 2-Methylnaphthalene	12.53	142	20513	6.23	ng/ul	98
41) 1,1'-Biphenyl	13.53	154	8748m	1.85	ng/ul	
50) Acenaphthene	14.76	153	39640	9.40	ng/ul	98
54) Dibenzofuran	15.09	168	31285	4.91	ng/ul	98
59) Fluorene	15.74	166	22318	4.35	ng/ul	97
70) Phenanthrene	17.48	178	66412	7.44	ng/ul	97
75) Carbazole	17.85	167	27114	3.52	ng/ul	98
77) Fluoranthene	19.49	202	12264	1.12	ng/ul#	97

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

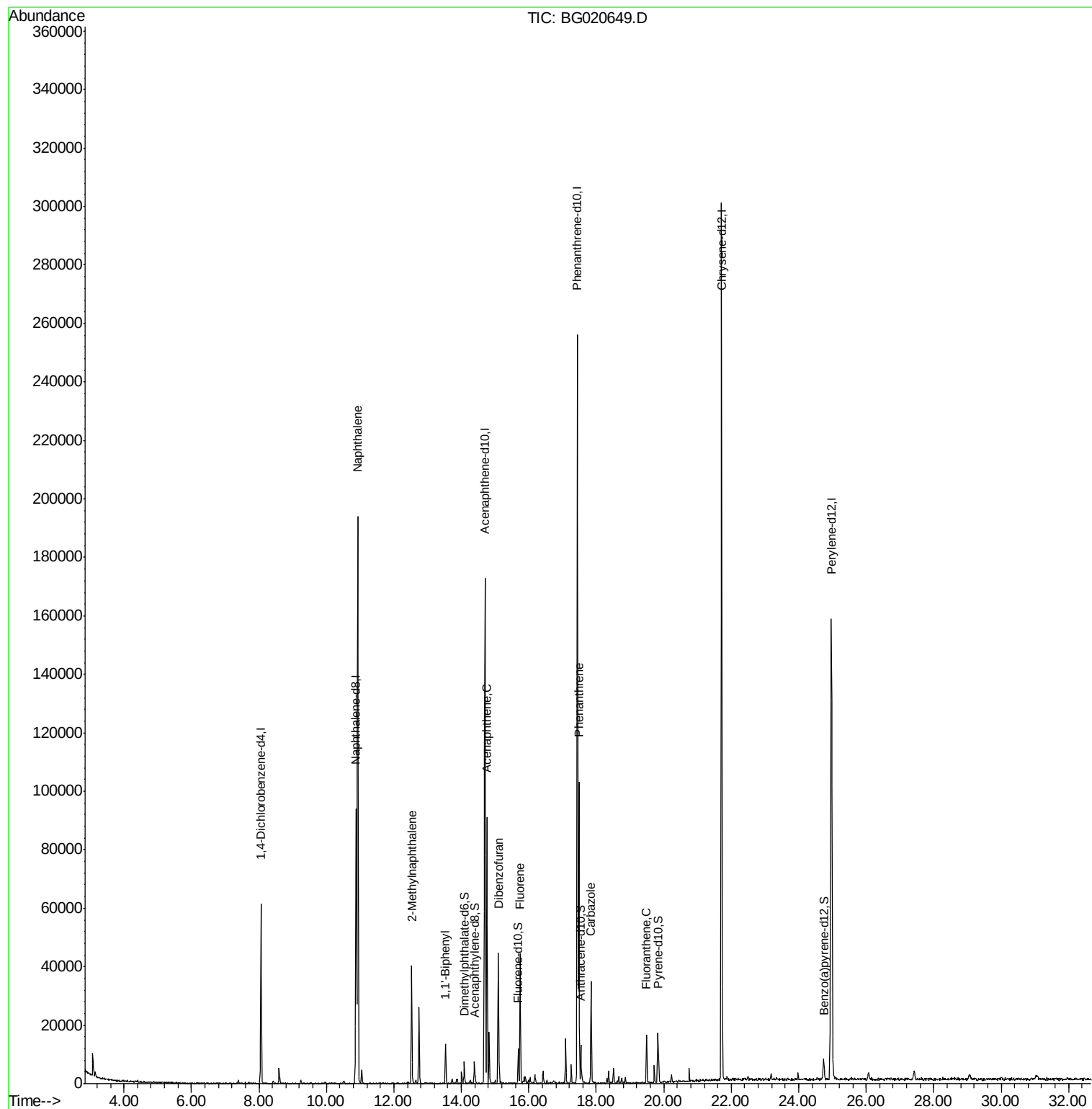
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
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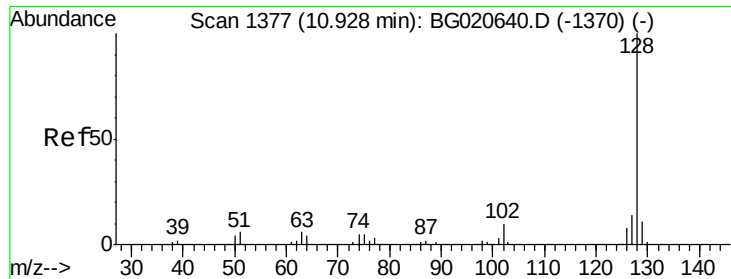
Instrument :
BNA_G
ClientSampleId :
D9N72DL

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Quant Time: Jan 01 04:41:21 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





#28

Naphthalene

Concen: 37.88 ng/ul

RT: 10.93 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BG020649.D

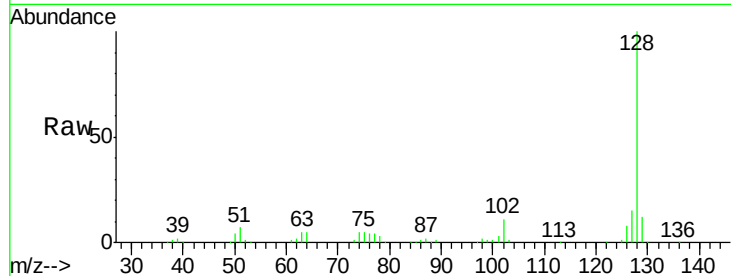
Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

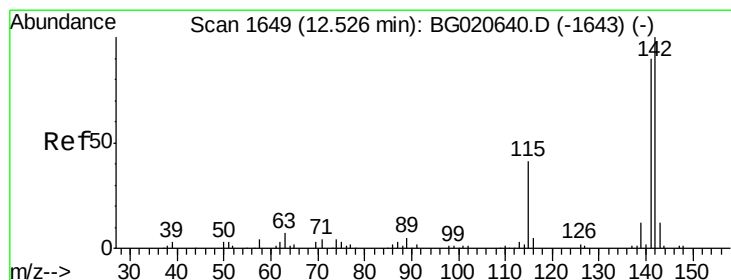
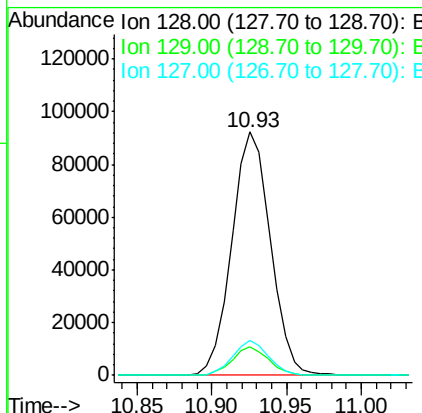
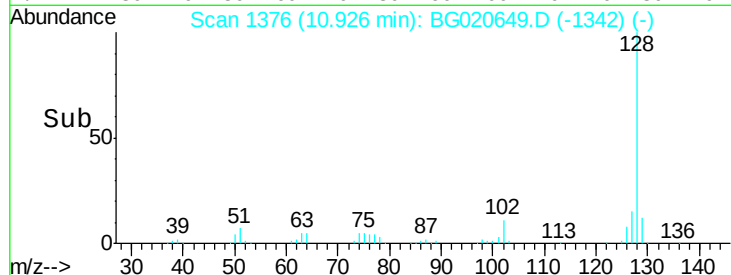
D9N72DL



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	166569		
129	11.8		8.3	12.5
127	14.6		10.8	16.2

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#34

2-Methylnaphthalene

Concen: 6.23 ng/ul

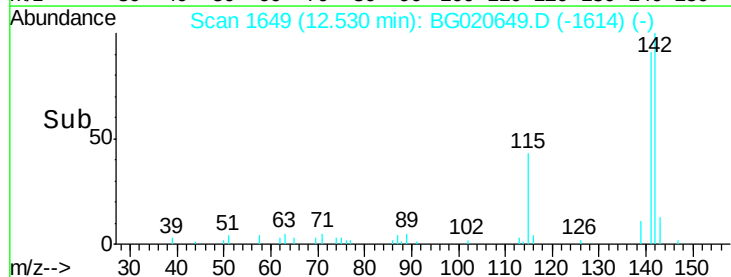
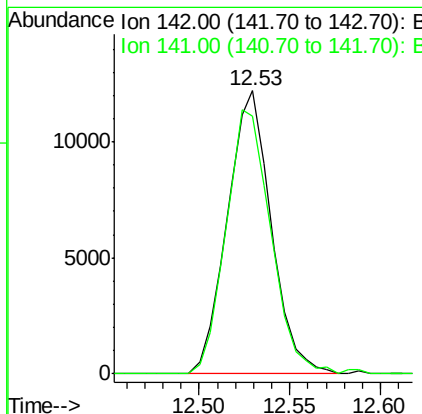
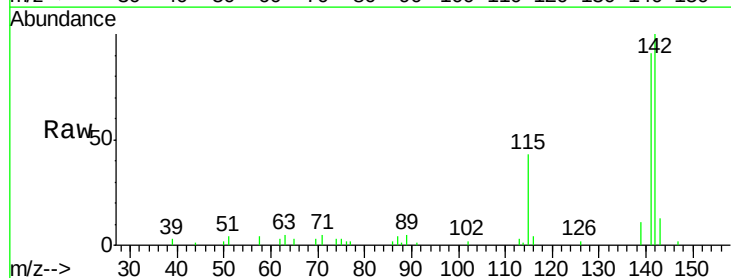
RT: 12.53 min Scan# 1649

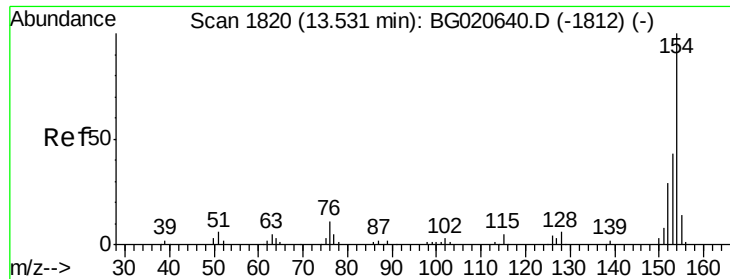
Delta R.T. 0.00 min

Lab File: BG020649.D

Acq: 31 Dec 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	20513		
141	91.0		71.4	107.2





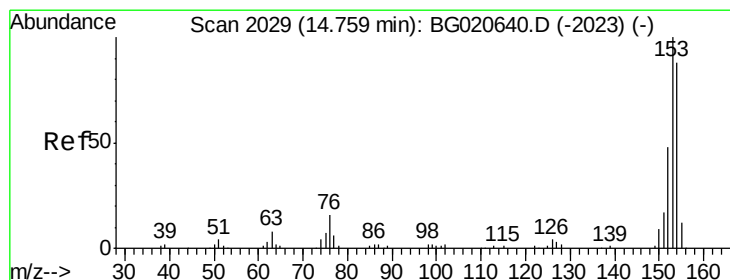
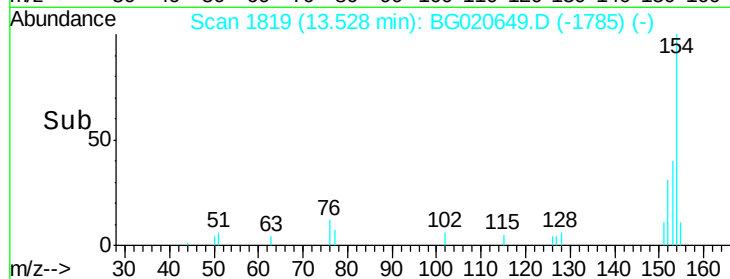
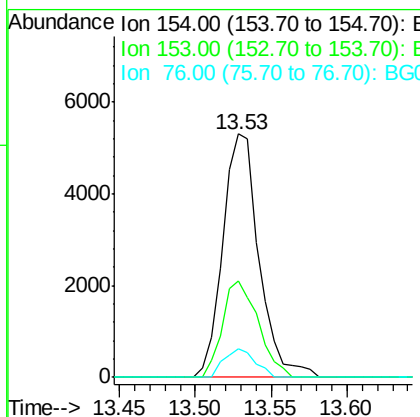
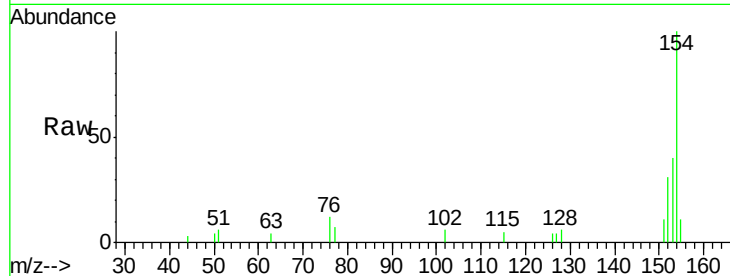
#41
 1,1'-Biphenyl
 Concen: 1.85 ng/ul m
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG020649.D
 Acq: 31 Dec 2015 19:52

Instrument :
 BNA_G
 ClientSampleId :
 D9N72DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	34.0	51.0
76	11.7	8.4	12.6

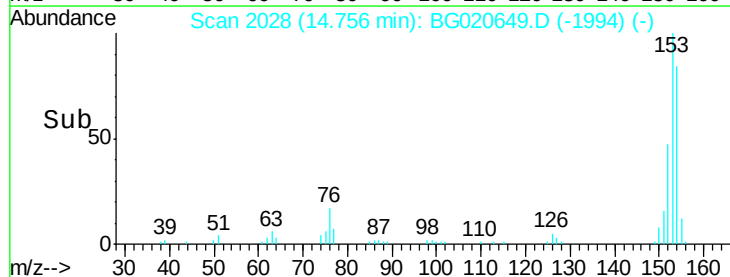
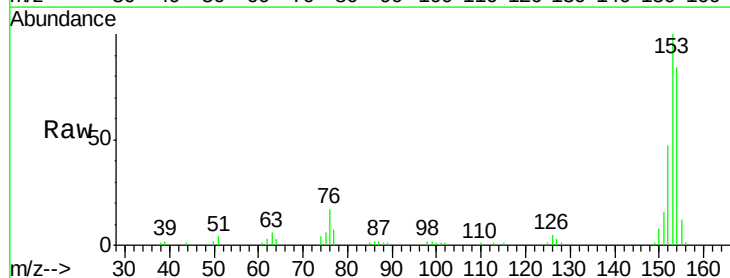
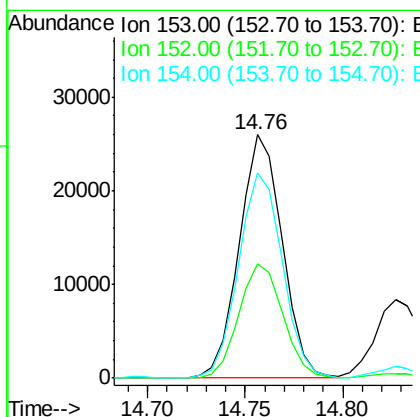
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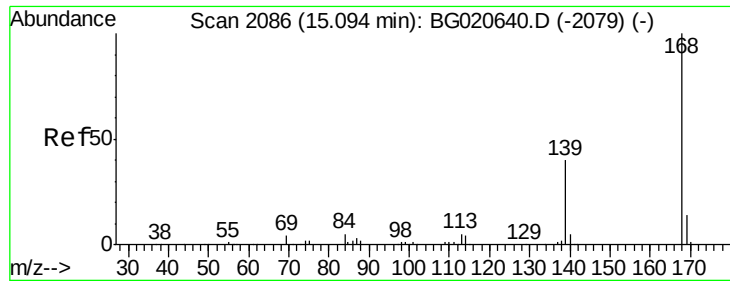
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#50
 Acenaphthene
 Concen: 9.40 ng/ul
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG020649.D
 Acq: 31 Dec 2015 19:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.9	56.9
154	84.5	69.8	104.6





#54

Dibenzenofuran

Concen: 4.91 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020649.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

D9N72DL

Tgt Ion:168 Resp: 31285

Ion Ratio Lower Upper

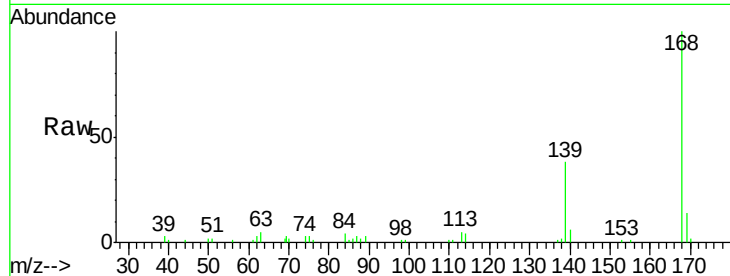
168 100

139 37.7 31.0 46.4

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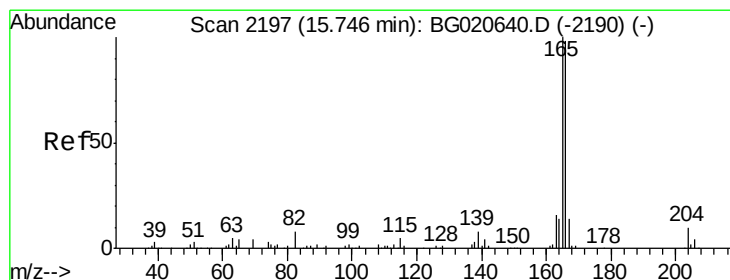
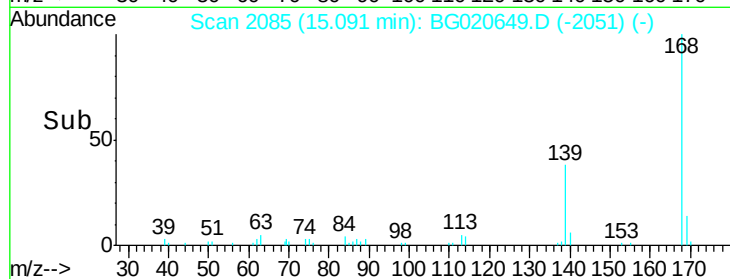
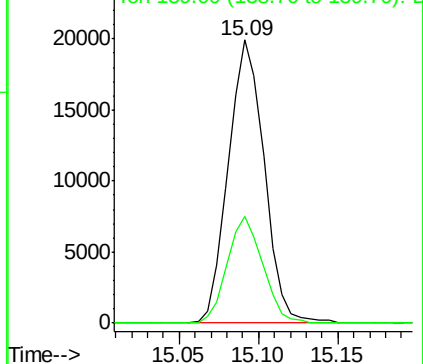
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 4.35 ng/ul

RT: 15.74 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG020649.D

Acq: 31 Dec 2015 19:52

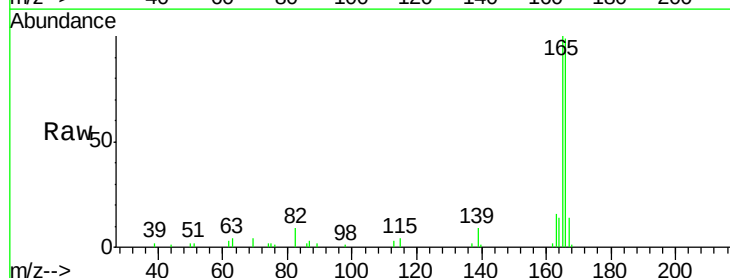
Tgt Ion:166 Resp: 22318

Ion Ratio Lower Upper

166 100

165 100.7 78.4 117.6

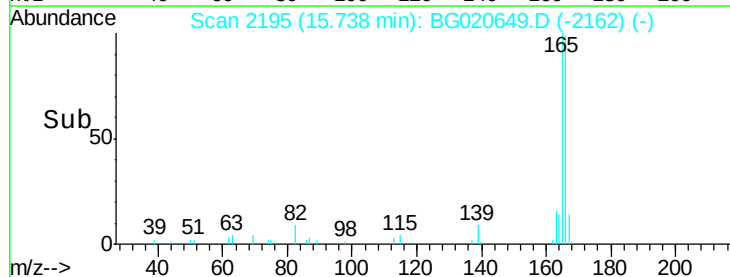
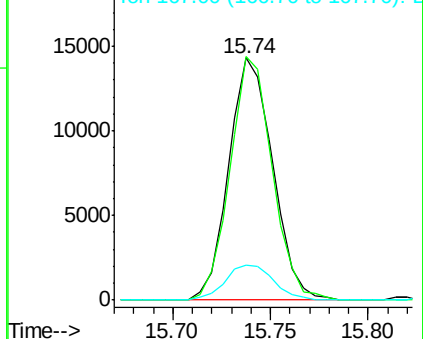
167 14.4 11.1 16.7

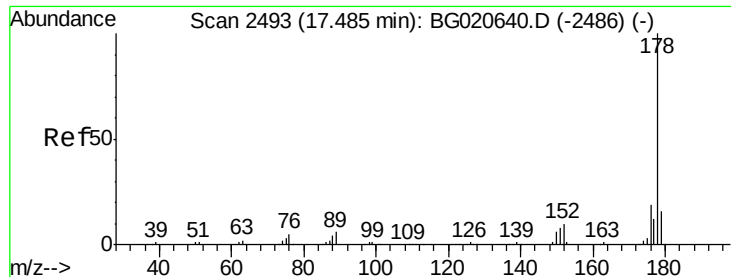


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





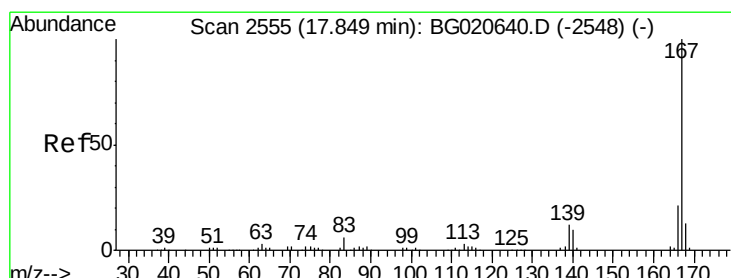
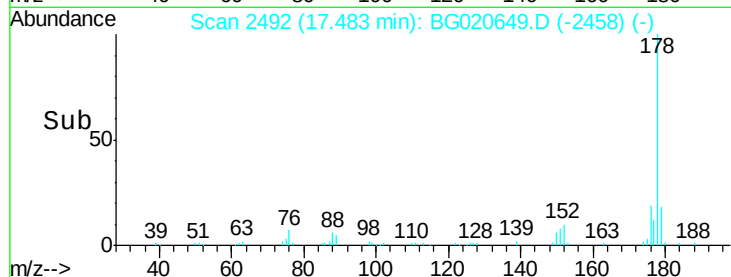
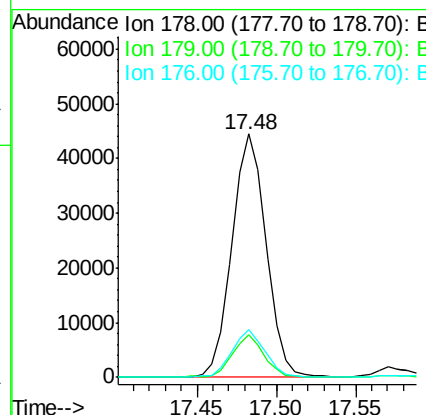
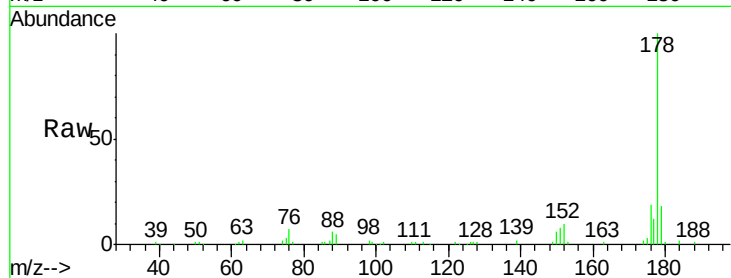
#70
Phenanthrene
Concen: 7.44 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.3	18.5
176	19.4	15.4	23.0

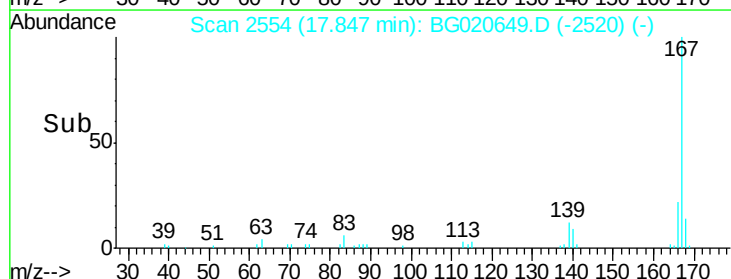
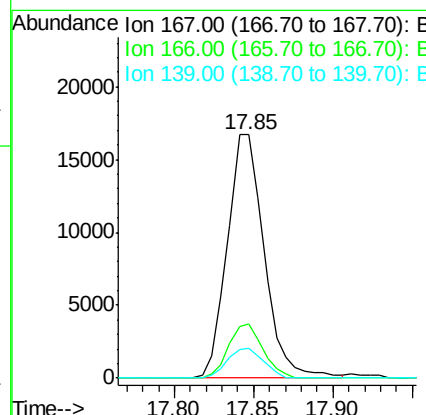
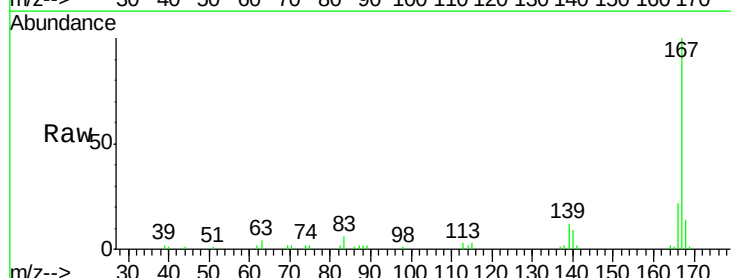
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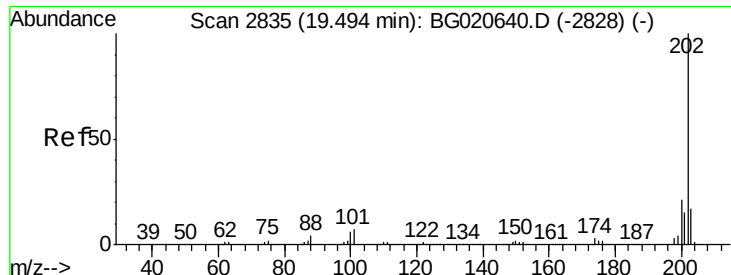
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#75
Carbazole
Concen: 3.52 ng/ul
RT: 17.85 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.0	25.4
139	12.1	9.1	13.7





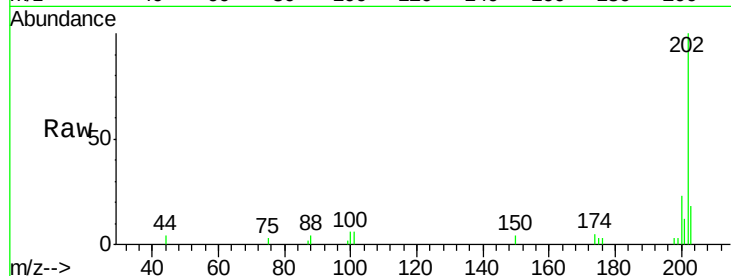
#77
 Fluoranthene
 Concen: 1.12 ng/ul
 RT: 19.49 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BG020649.D
 Acq: 31 Dec 2015 19:52

Instrument :
 BNA_G
 ClientSampleId :
 D9N72DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.0	6.1	9.1#
100	6.0	4.6	7.0

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

