

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020626.D
 Acq On : 31 Dec 2015 3:00
 Operator : UM/SJ
 Sample : G4846-07DL 50X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N53DL

Manual Integrations
 APPROVED

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 12/31/2015 6:36:11 PM

Quant Time: Dec 31 03:55:27 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 03:43:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	69472	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	50348	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	131060m	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	161844	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	151522	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	7.39	67	258	0.32	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	269	0.50	ng/ul	0.01
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.52	165	624	0.53	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	3995	0.97	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	4325	0.92	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	3950	1.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	6932	1.14	ng/ul	0.00
79) Pyrene-d10	19.82	212	7397	1.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	7145	0.95	ng/ul	-0.01

Target Compounds

						Ovalue
28) Naphthalene	10.93	128	198109	53.85	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	23451	8.52	ng/ul	93
41) 1,1'-Biphenyl	13.53	154	6676	1.76	ng/ul	97
50) Acenaphthene	14.76	153	38402	11.38	ng/ul	99
54) Dibenzofuran	15.09	168	31189	6.12	ng/ul	96
59) Fluorene	15.74	166	26158	6.38	ng/ul	96
70) Phenanthrene	17.49	178	59960m	8.42	ng/ul	
75) Carbazole	17.84	167	25300	4.11	ng/ul	97

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

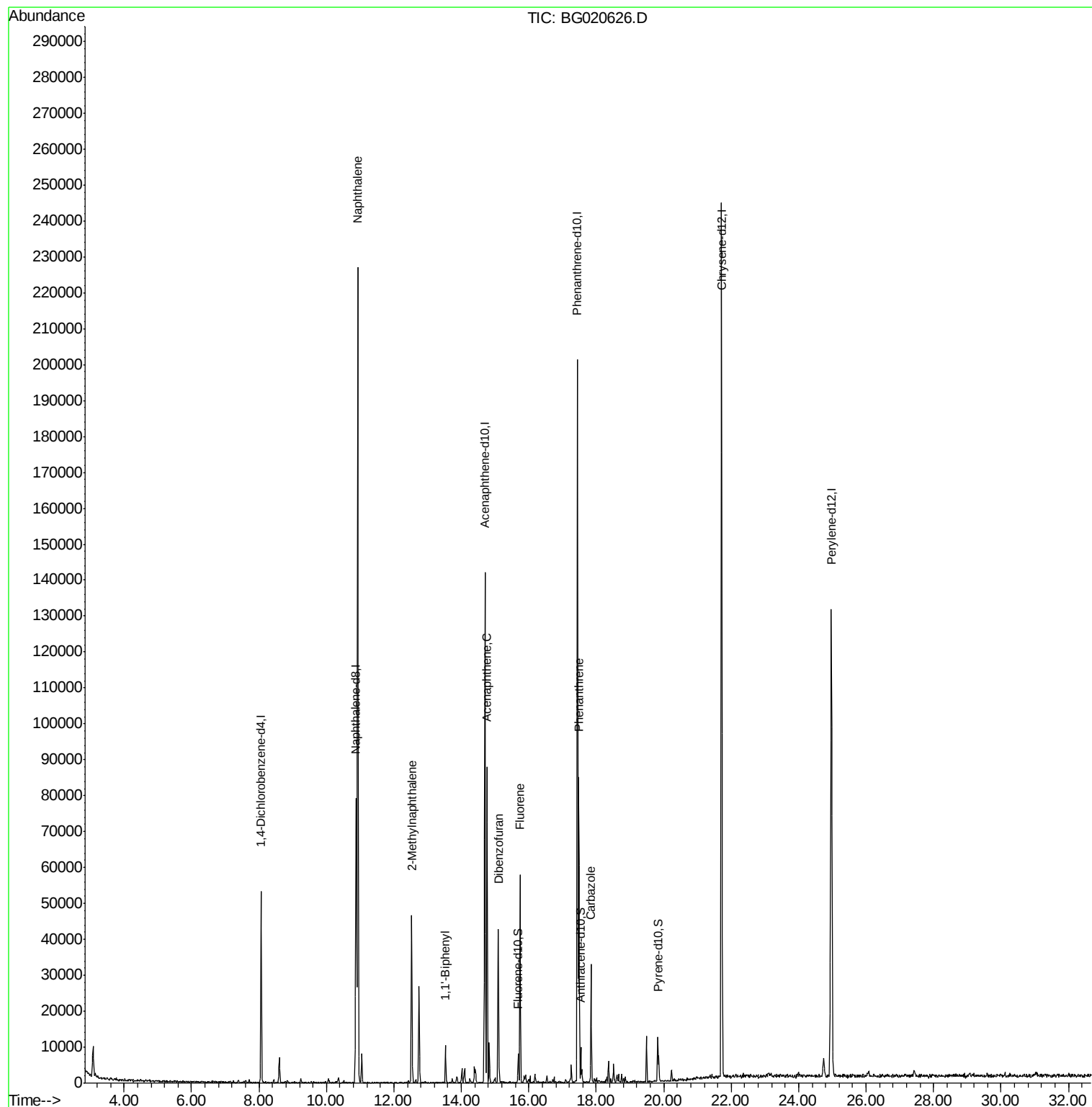
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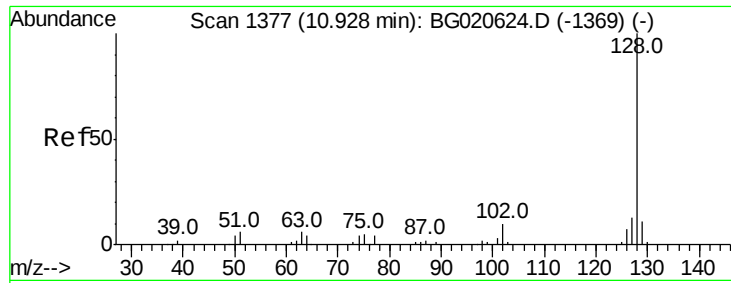
Instrument :
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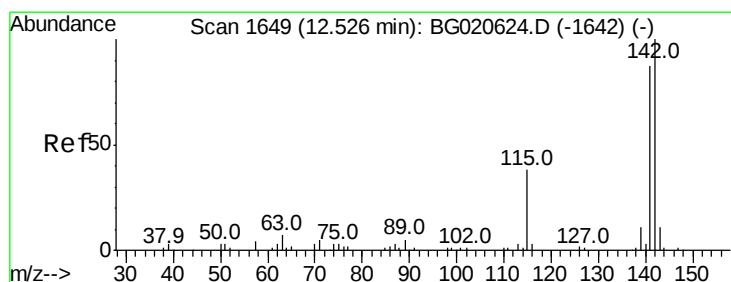
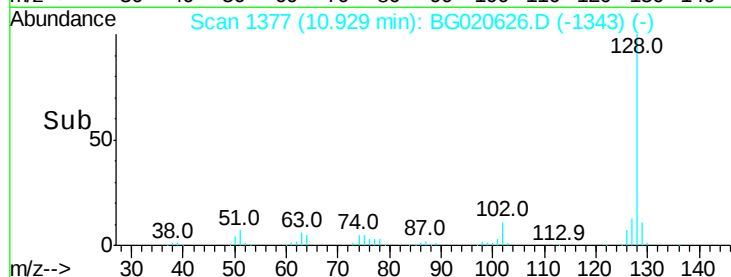
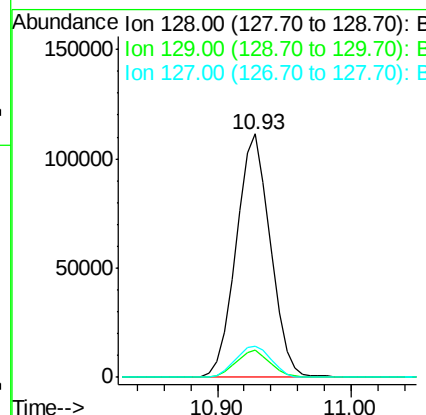
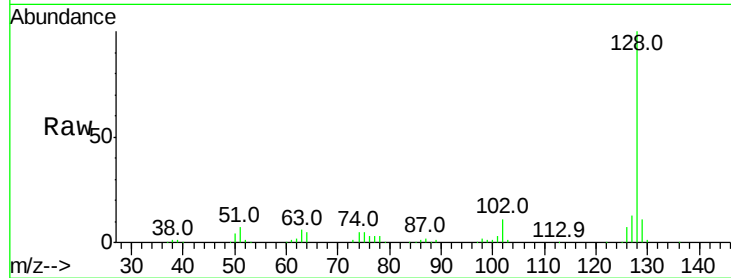
#28
Naphthalene
Concen: 53.85 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	13.0	10.8	16.2

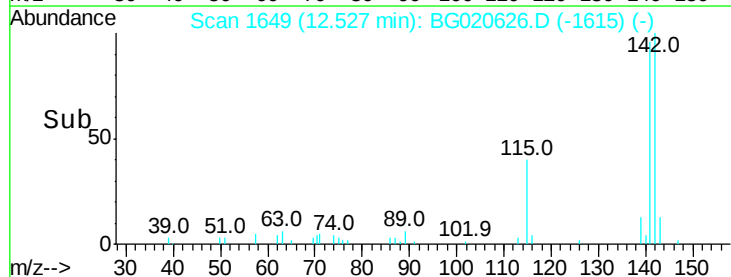
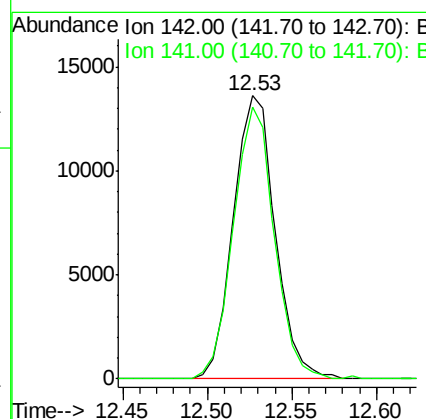
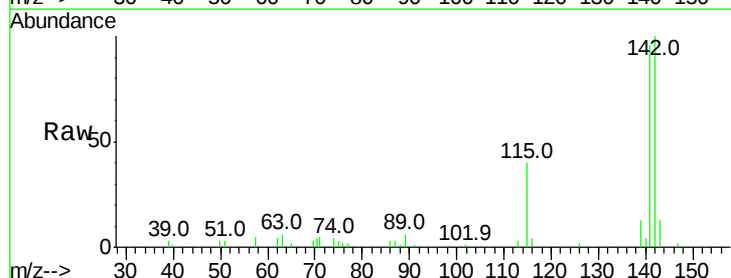
Manual Integrations
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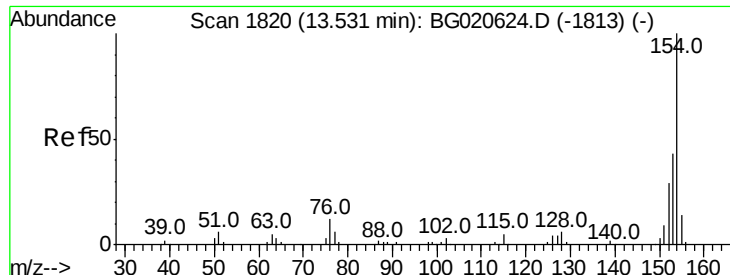
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#34
2-Methylnaphthalene
Concen: 8.52 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	71.4	107.2





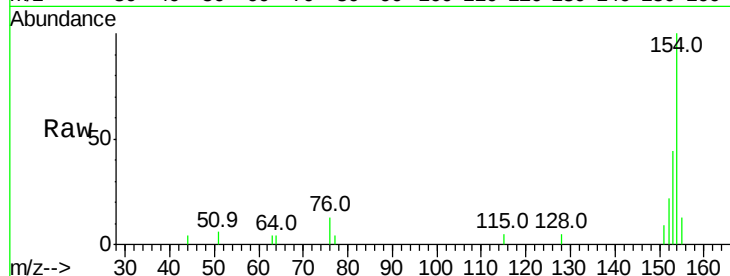
#41
 1,1'-Biphenyl
 Concen: 1.76 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020626.D
 Acq: 31 Dec 2015 3:00

Instrument :
 BNA_G
 ClientSampleId :
 D9N53DL

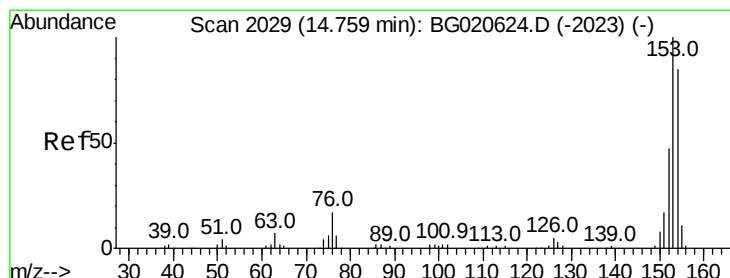
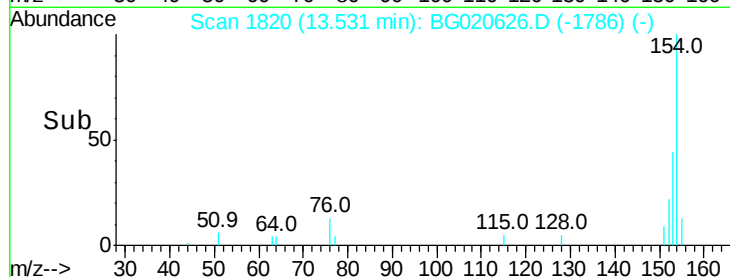
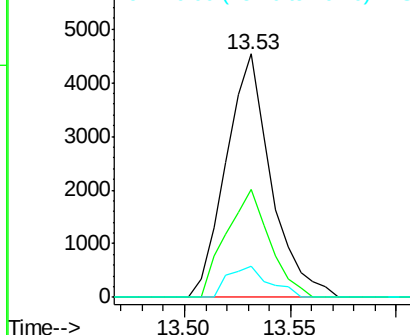
Tot Ion	Ratio	Lower	Upper
154	100		
153	44.2	34.0	51.0
76	12.5	8.4	12.6

Manual Integrations
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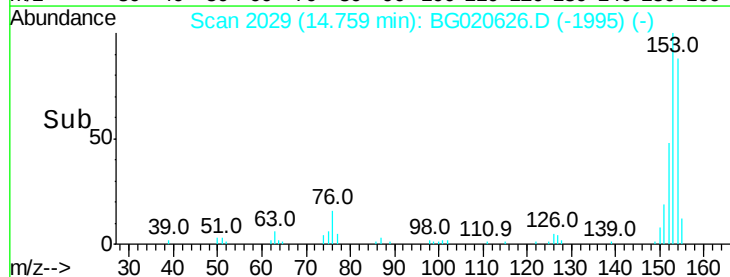
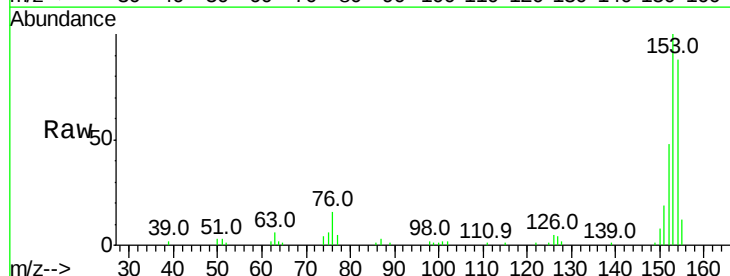
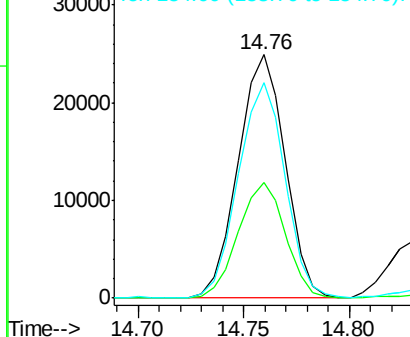
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

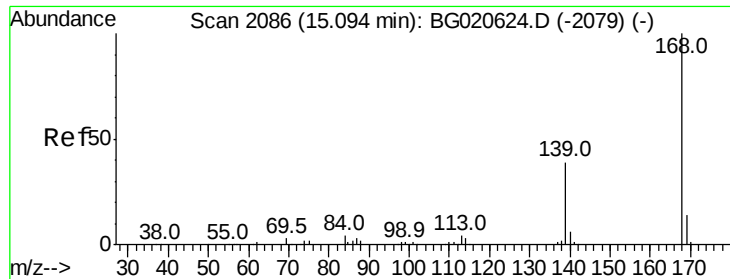


#50
 Acenaphthene
 Concen: 11.38 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG020626.D
 Acq: 31 Dec 2015 3:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.9	56.9
154	88.3	69.8	104.6

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





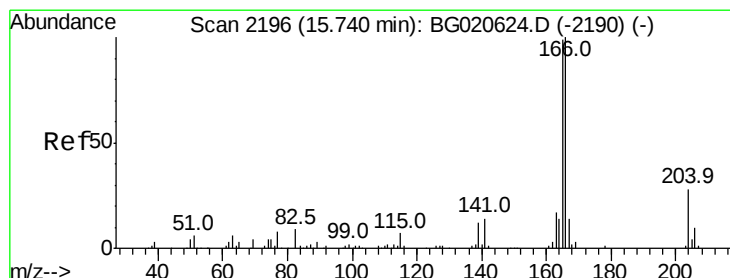
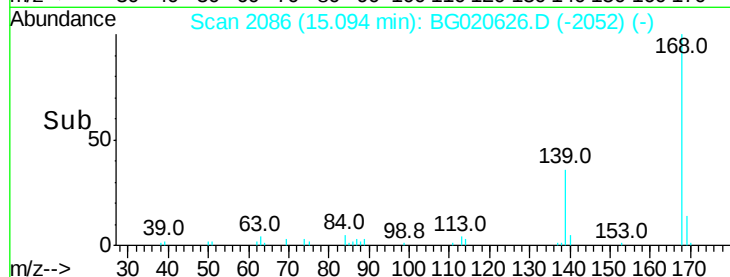
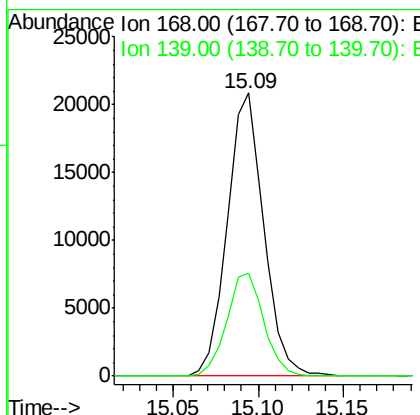
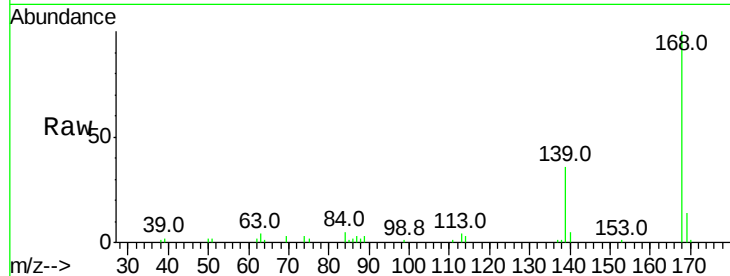
#54
Dibenzenofuran
Concen: 6.12 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	31.0	46.4

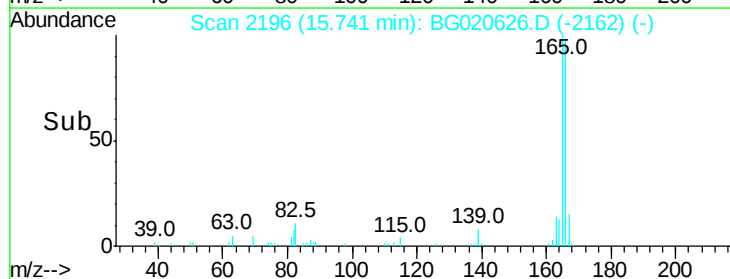
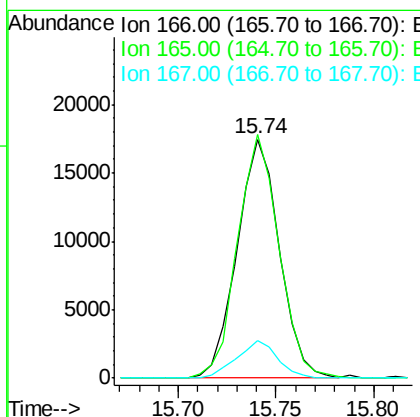
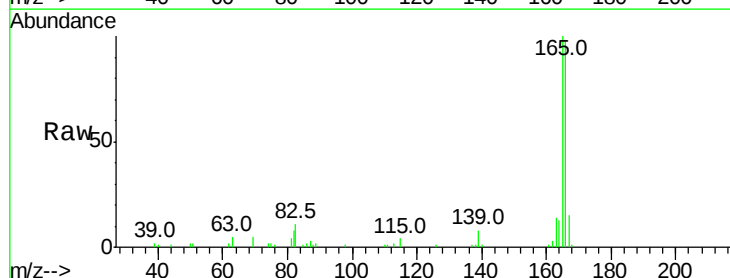
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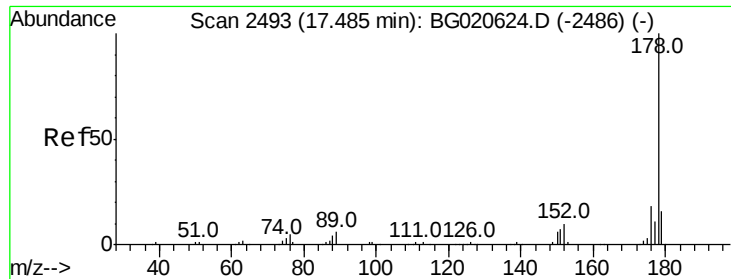
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#59
Fluorene
Concen: 6.38 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG020626.D
Acq: 31 Dec 2015 3:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.4	117.6
167	15.6	11.1	16.7





#70

Phenanthrene

Concen: 8.42 ng/ul m

RT: 17.49 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG020626.D

Acq: 31 Dec 2015 3:00

Instrument :

BNA_G

ClientSampleId :

D9N53DL

Tot Ion:178 Resp: 59960

Ion Ratio Lower Upper

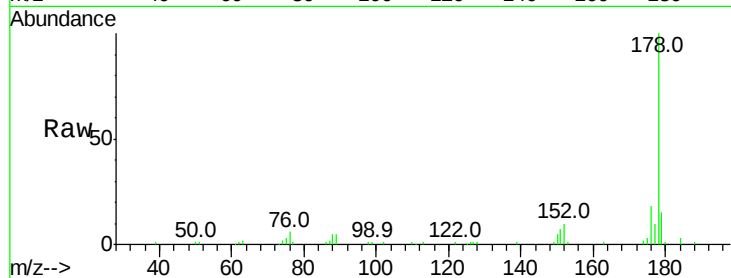
178 100

179 15.4 12.3 18.5

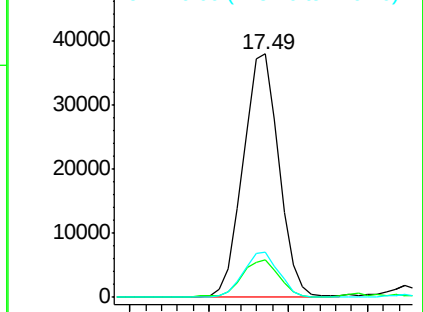
176 18.3 15.4 23.0

Manual Integrations
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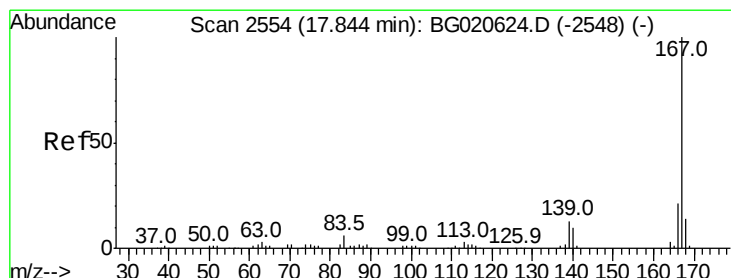
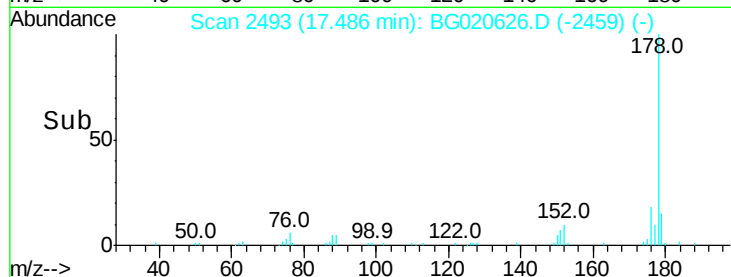
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 4.11 ng/ul

RT: 17.84 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BG020626.D

Acq: 31 Dec 2015 3:00

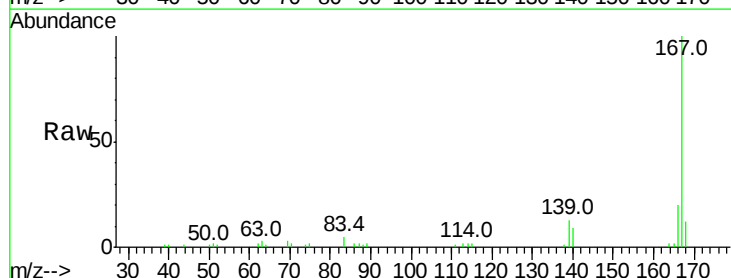
Tgt Ion:167 Resp: 25300

Ion Ratio Lower Upper

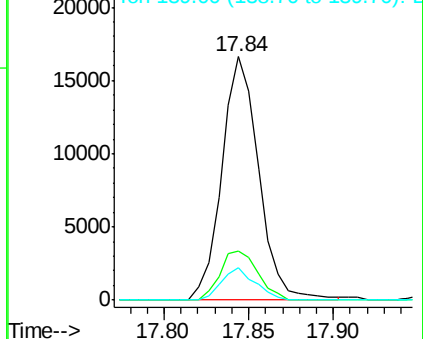
167 100

166 20.3 17.0 25.4

139 13.5 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



Time-->

