

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020571.D
 Acq On : 28 Dec 2015 19:13
 Operator : UM/SJ
 Sample : G4846-14DL 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

Manual Integrations
 APPROVED

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 12/29/2015 4:54:53 PM

Quant Time: Dec 29 04:39:30 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 02:56:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	53819	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	41906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	124156	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	168022	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	159365	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	0.00	67	0	0.00	ng/ul	
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	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	2582	0.75	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2741	0.68	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2530	0.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	5239m	0.90	ng/ul	0.00
79) Pyrene-d10	19.83	212	5818	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	6036	0.75	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.94	128	73977	25.86 ng/ul	99
34) 2-Methylnaphthalene	12.54	142	8770	4.14 ng/ul	94
41) 1,1'-Biphenyl	13.54	154	3854	1.19 ng/ul	95
50) Acenaphthene	14.77	153	21381	7.52 ng/ul	100
54) Dibenzofuran	15.10	168	14677	3.47 ng/ul	99
59) Fluorene	15.75	166	12237	3.57 ng/ul	98
70) Phenanthrene	17.49	178	39707	5.75 ng/ul	98
75) Carbazole	17.86	167	13013	2.19 ng/ul	99

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

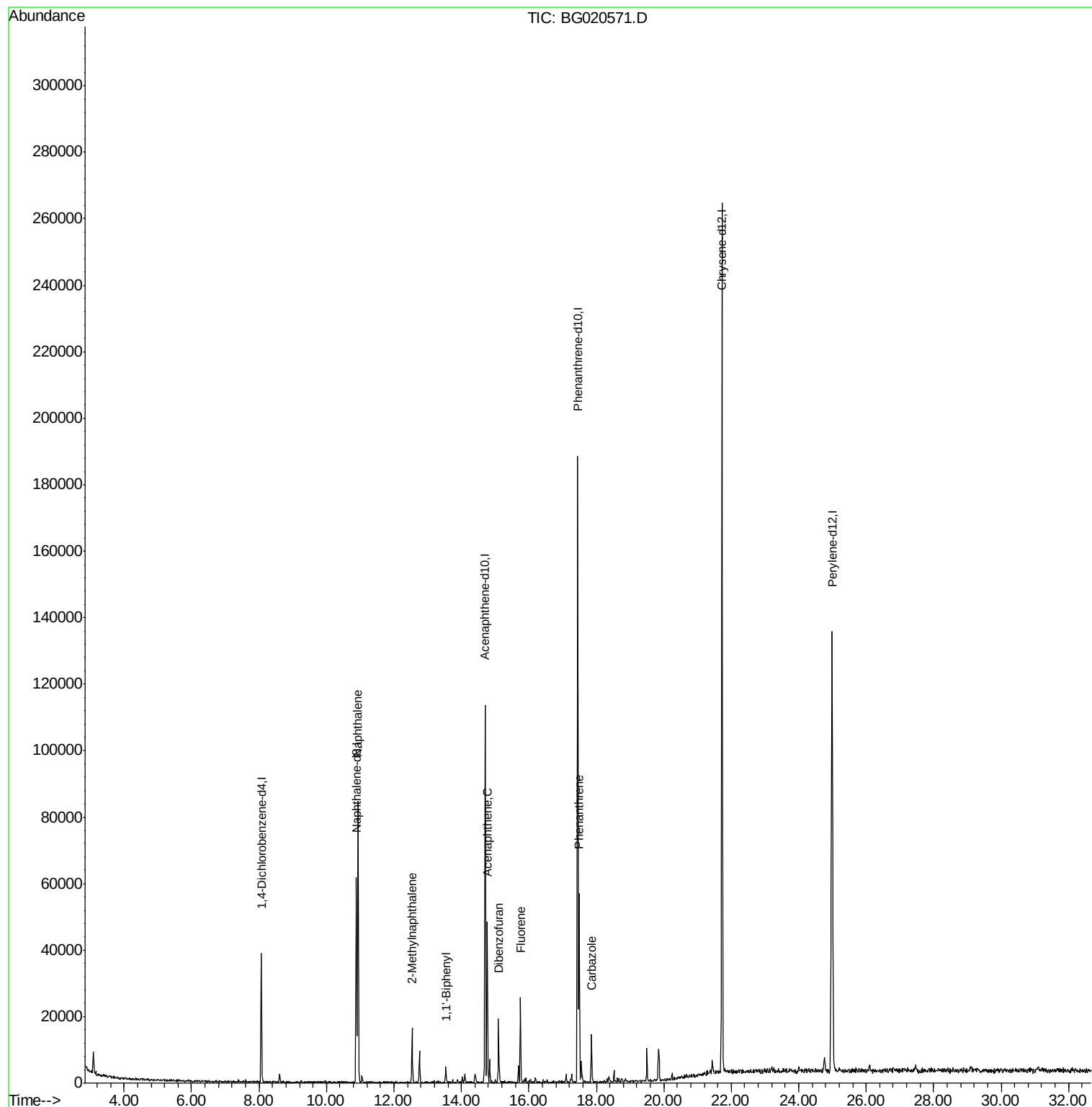
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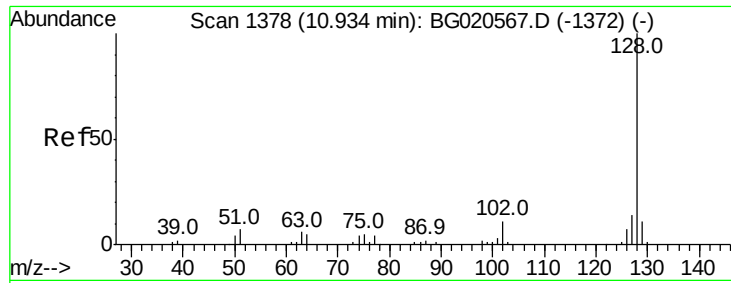
Instrument :
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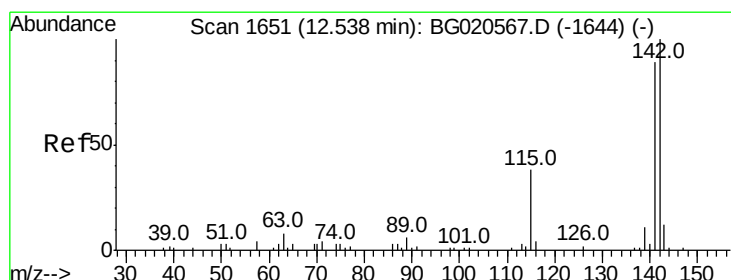
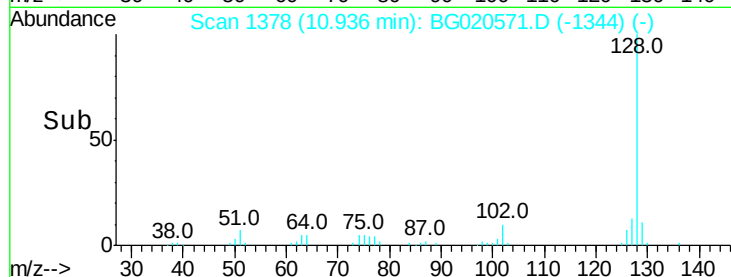
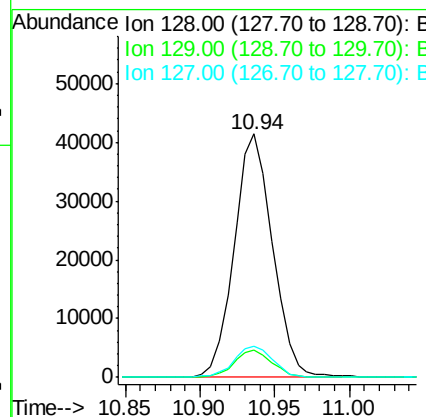
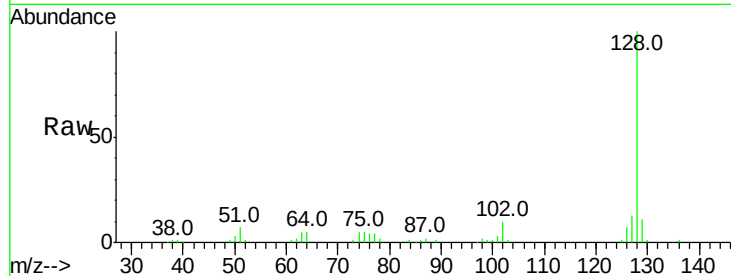
#28
Naphthalene
Concen: 25.86 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020571.D
Acq: 28 Dec 2015 19:13

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.0	10.1	15.1

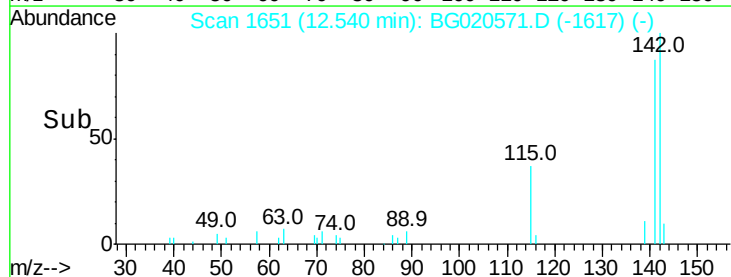
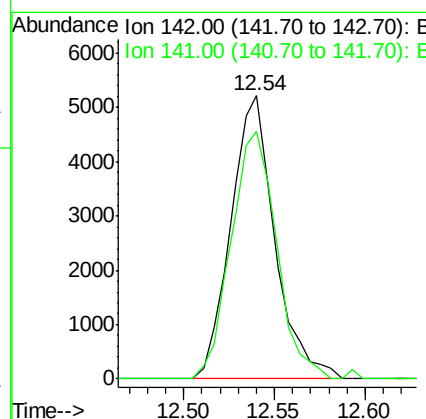
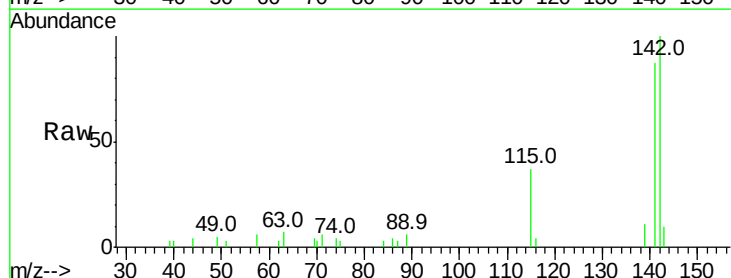
Manual Integrations
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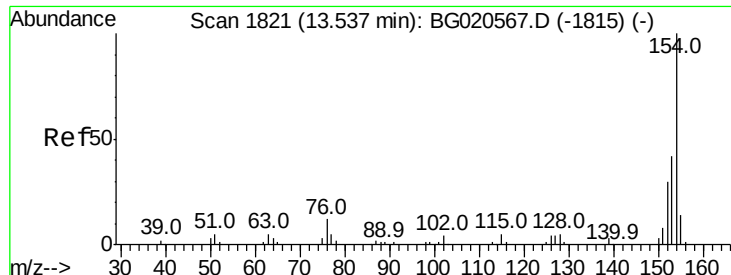
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#34
2-Methylnaphthalene
Concen: 4.14 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020571.D
Acq: 28 Dec 2015 19:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	74.9	112.3





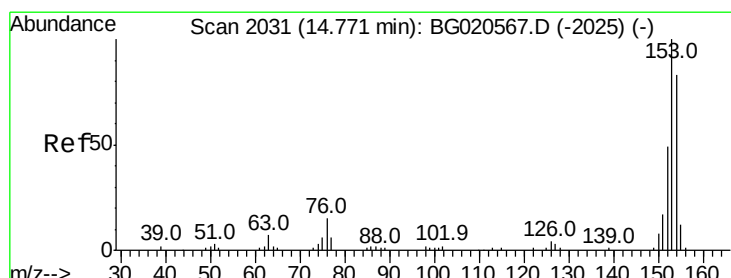
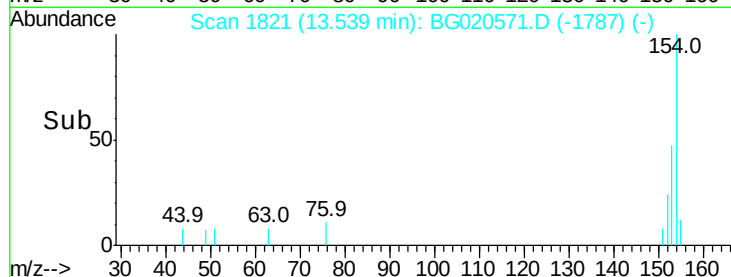
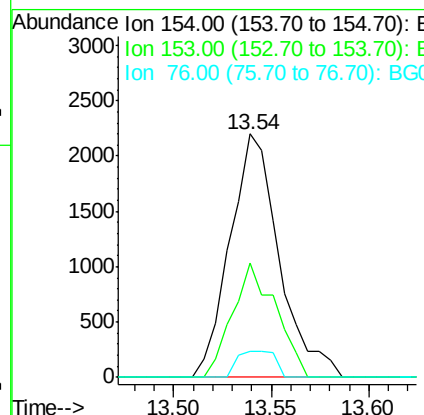
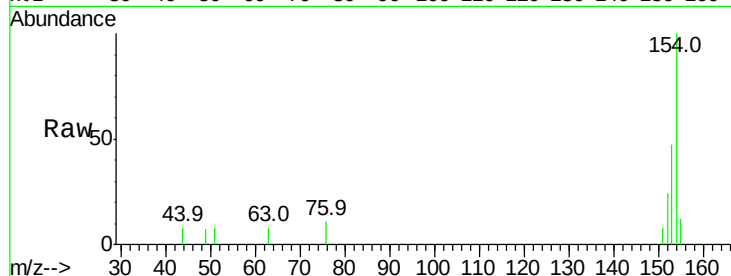
#41
 1,1'-Biphenyl
 Concen: 1.19 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

Tot Ion:	154	Resp:	3854
Ion Ratio	Lower	Upper	
154	100		
153	47.2	35.5	53.3
76	10.8	10.4	15.6

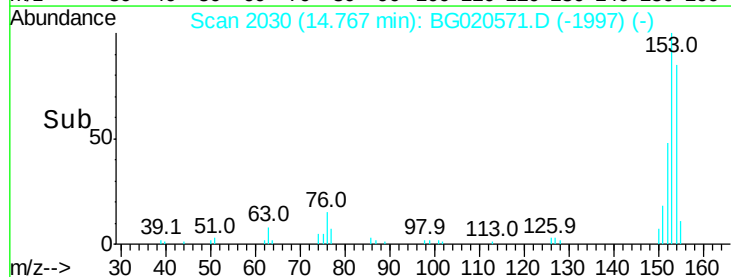
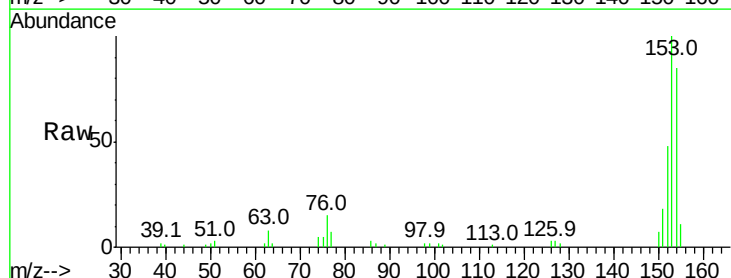
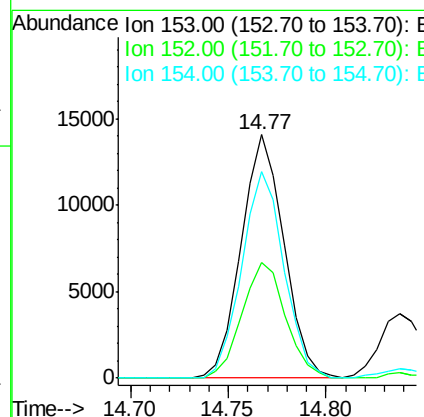
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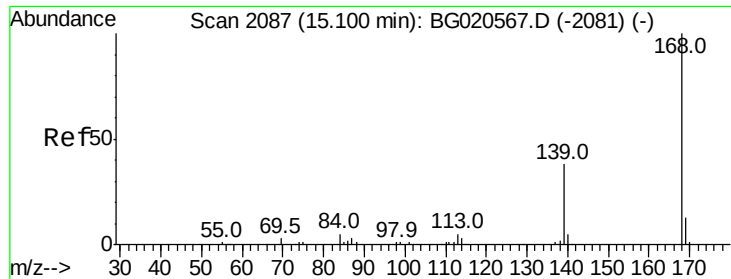
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#50
 Acenaphthene
 Concen: 7.52 ng/ul
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

Tgt Ion:	153	Resp:	21381
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.6	56.4
154	84.9	67.9	101.9





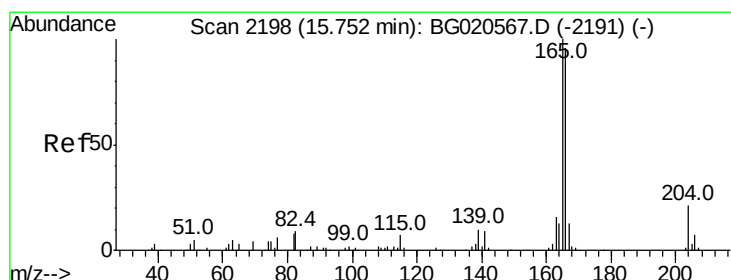
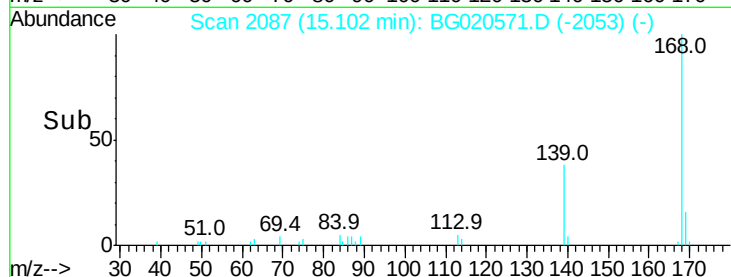
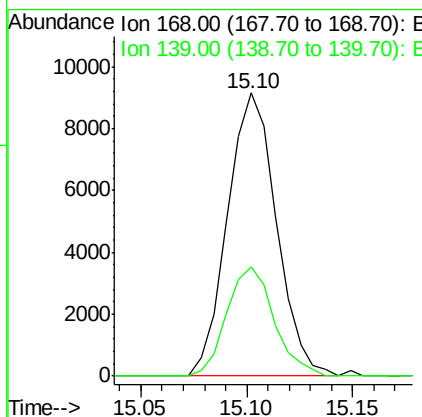
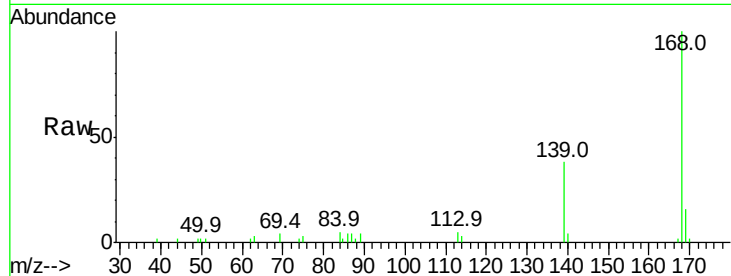
#54
Dibenzenofuran
Concen: 3.47 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG020571.D
Acq: 28 Dec 2015 19:13

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.5	45.7

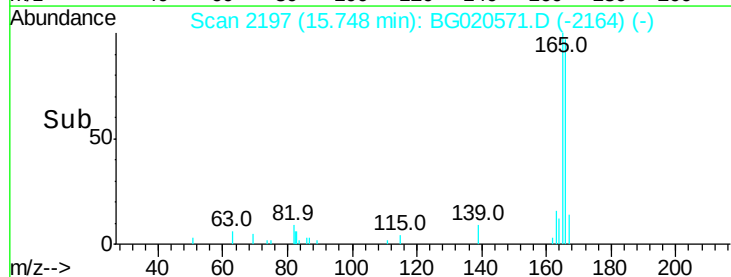
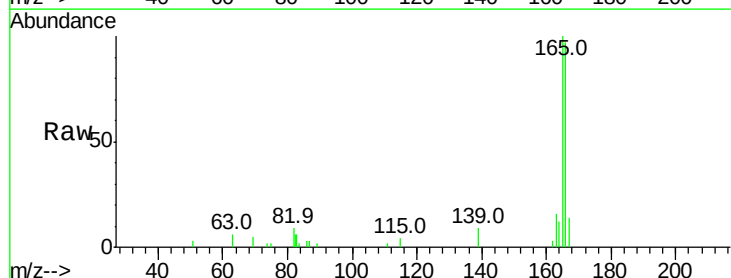
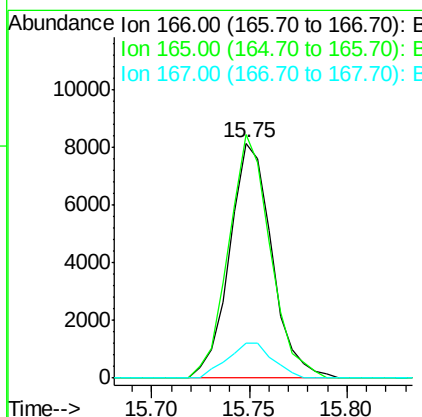
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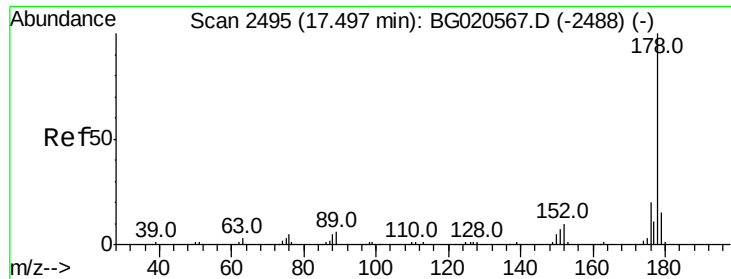
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#59
Fluorene
Concen: 3.57 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG020571.D
Acq: 28 Dec 2015 19:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.5	81.4	122.0
167	15.0	11.2	16.8





#70

Phenanthrene

Concen: 5.75 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG020571.D

Acq: 28 Dec 2015 19:13

Instrument :

BNA_G

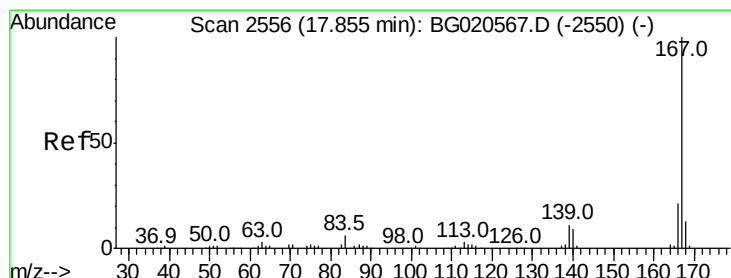
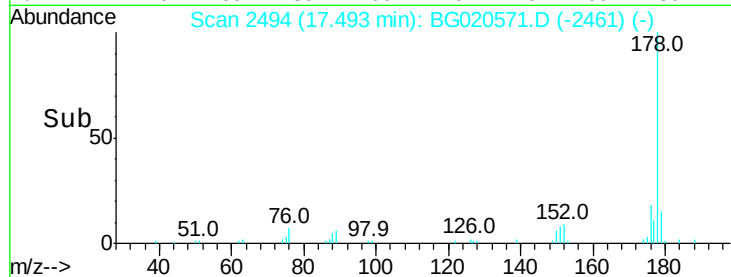
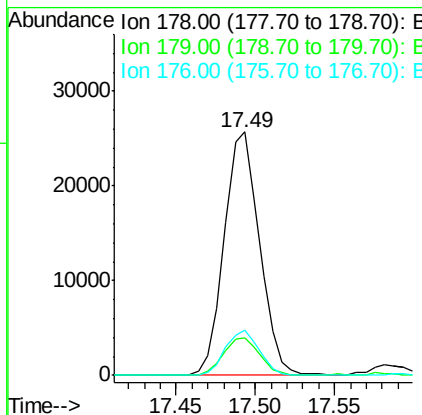
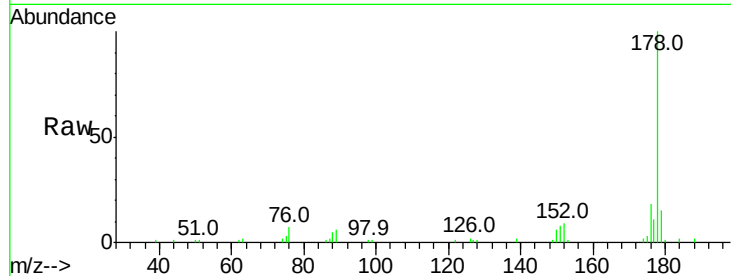
ClientSampleId :

D9N60DL

Tot Ion:	178	Resp:	39707
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.4	15.3	22.9

Manual Integrations
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#75

Carbazole

Concen: 2.19 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BG020571.D

Acq: 28 Dec 2015 19:13

Tgt Ion:	167	Resp:	13013
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.0	25.6
139	11.9	10.1	15.1

