

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020575.D
 Acq On : 28 Dec 2015 22:28
 Operator : UM/SJ
 Sample : G4846-17DL 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

Manual Integrations
 APPROVED

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Quant Time: Dec 29 05:44:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 05:04:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	54138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	43263	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	129048	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	171603	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	160908	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	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	2556	0.72	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2704	0.65	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2480	0.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	5137	0.85	ng/ul	0.00
79) Pyrene-d10	19.84	212	5334	0.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	5235	0.64	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.93	128	163190	56.70	ng/ul 98
34) 2-Methylnaphthalene	12.54	142	20238	9.50	ng/ul 94
41) 1,1'-Biphenyl	13.54	154	6606m	1.98	ng/ul
50) Acenaphthene	14.77	153	31698	10.80	ng/ul 97
54) Dibenzofuran	15.10	168	26932	6.17	ng/ul 97
59) Fluorene	15.75	166	19067	5.39	ng/ul 97
70) Phenanthrene	17.49	178	46537	6.48	ng/ul 98
75) Carbazole	17.86	167	46196	7.47	ng/ul 98

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

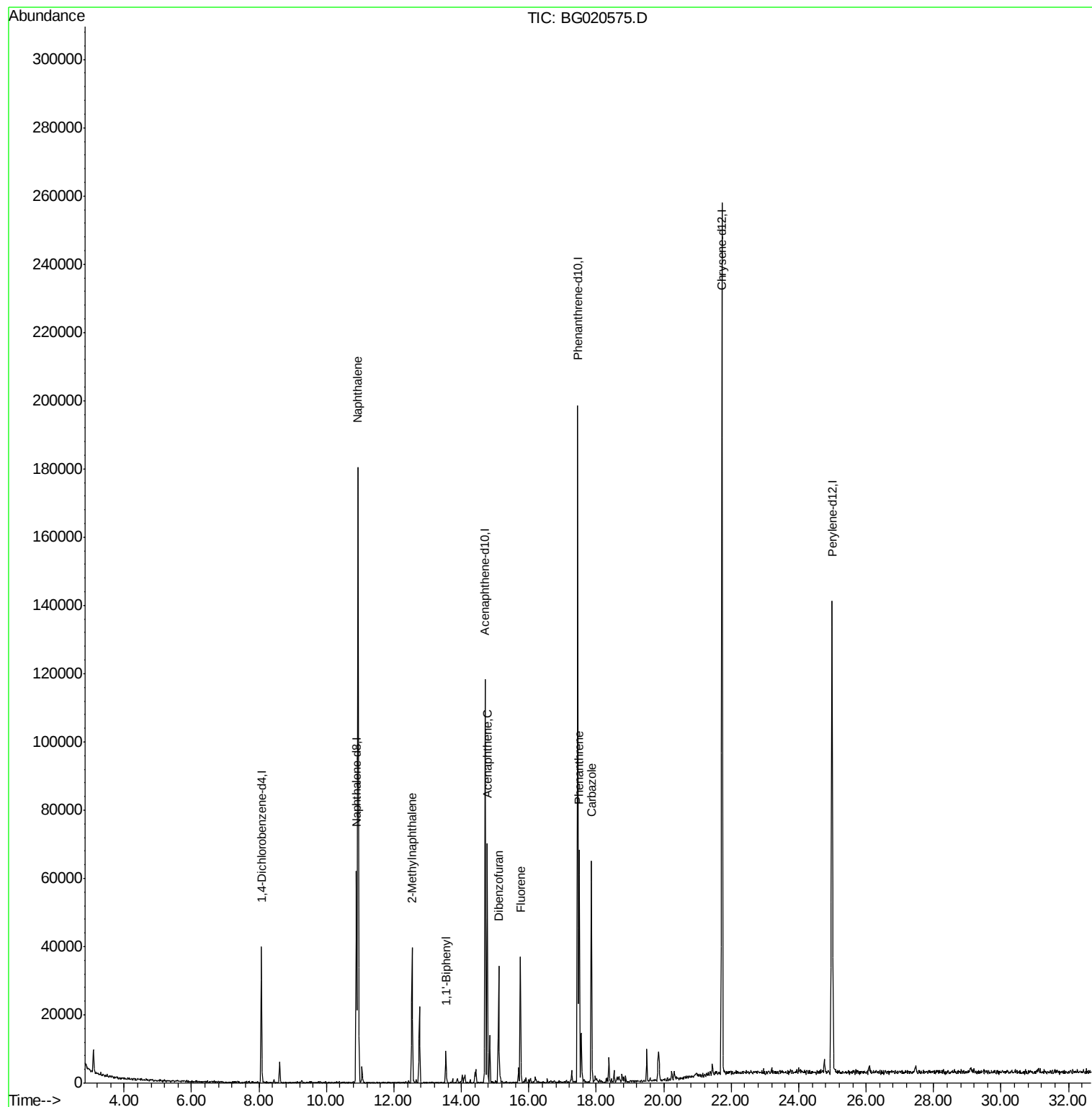
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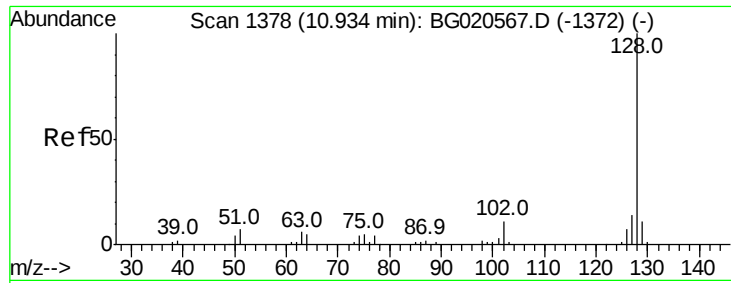
Instrument :
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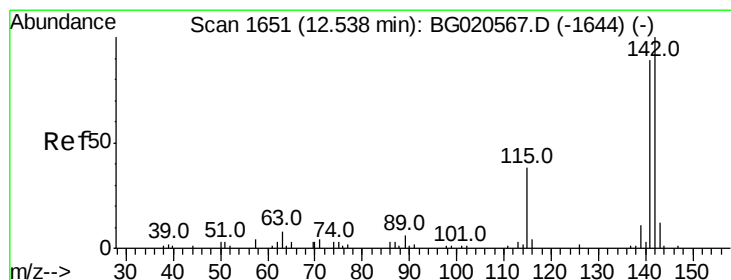
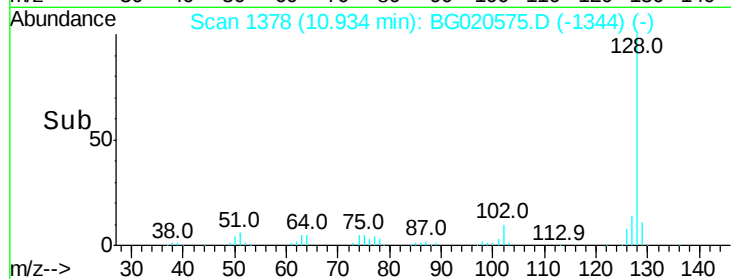
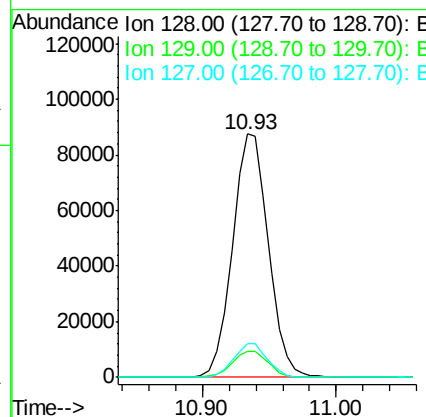
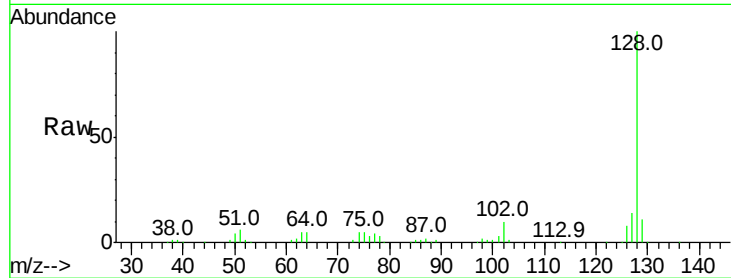
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Naphthalene
Concen: 56.70 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Instrument :
BNA_G
ClientSampleId :
D9N63DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.9	10.1	15.1

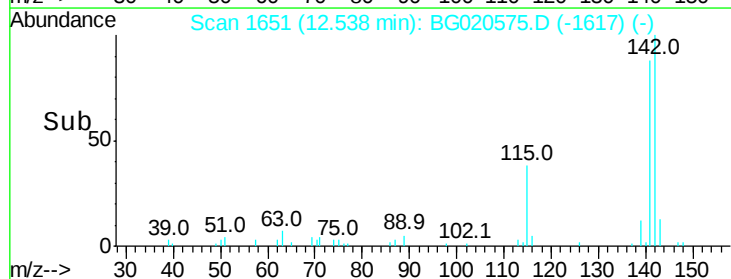
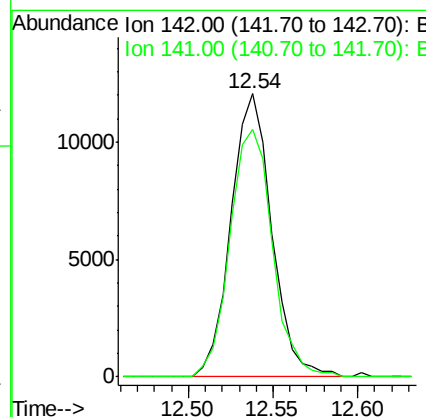
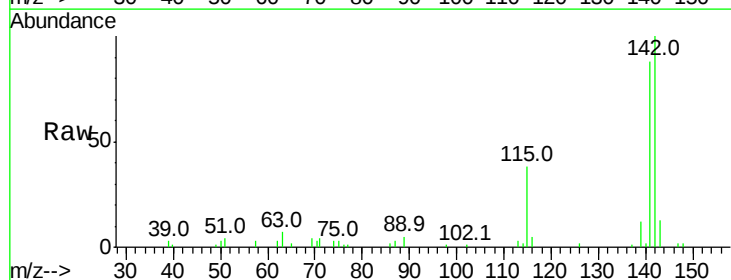
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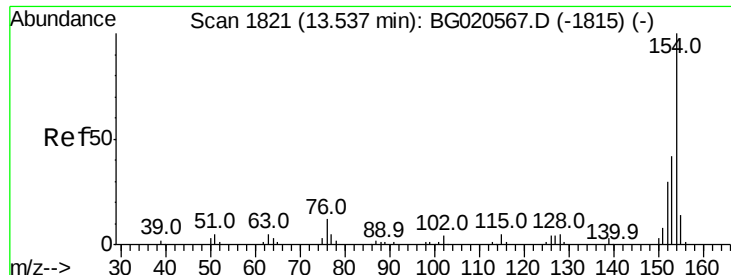
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#34
2-Methylnaphthalene
Concen: 9.50 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	87.6	74.9	112.3





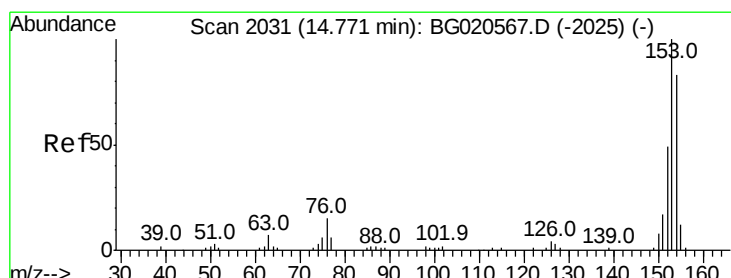
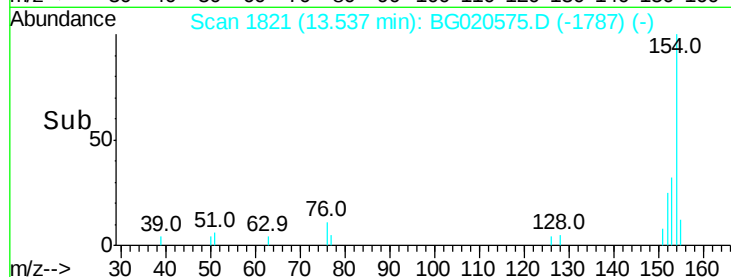
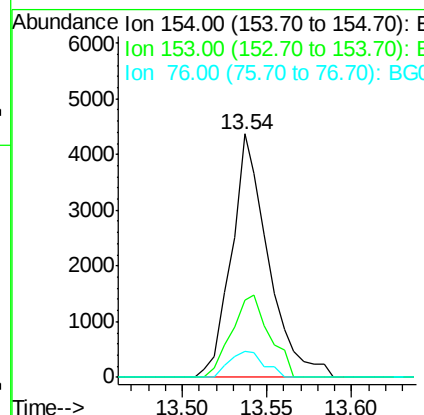
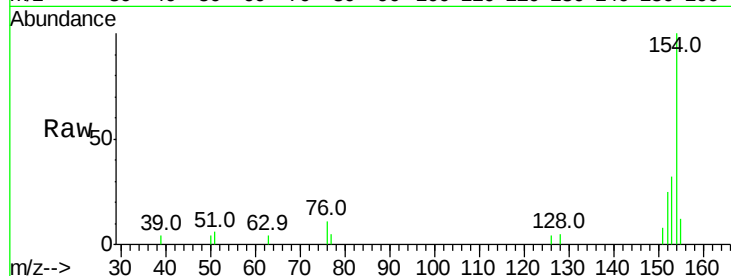
#41
 1,1'-Biphenyl
 Concen: 1.98 ng/ul m
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG020575.D
 Acq: 28 Dec 2015 22:28

Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	31.6	35.5	53.3#
76	10.6	10.4	15.6

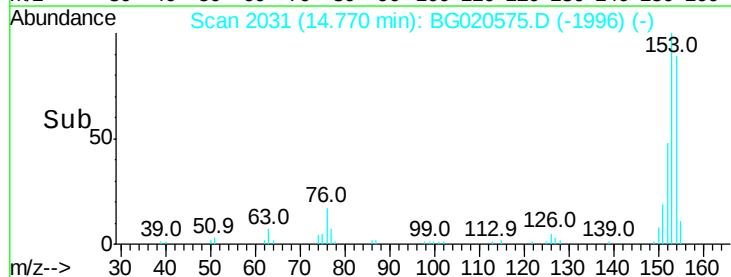
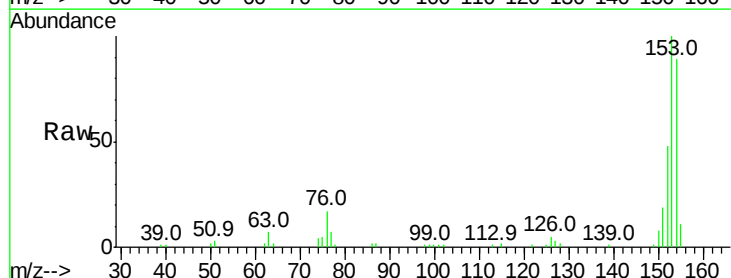
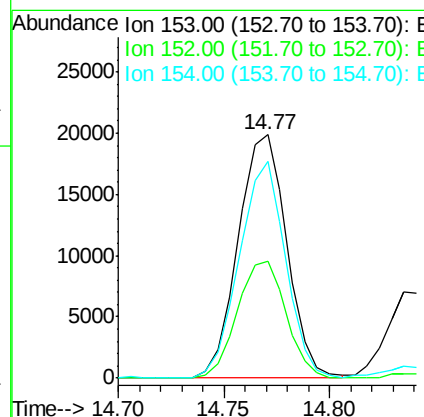
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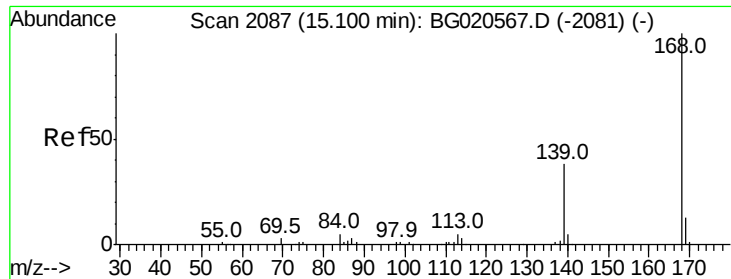
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#50
 Acenaphthene
 Concen: 10.80 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG020575.D
 Acq: 28 Dec 2015 22:28

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.6	56.4
154	88.8	67.9	101.9





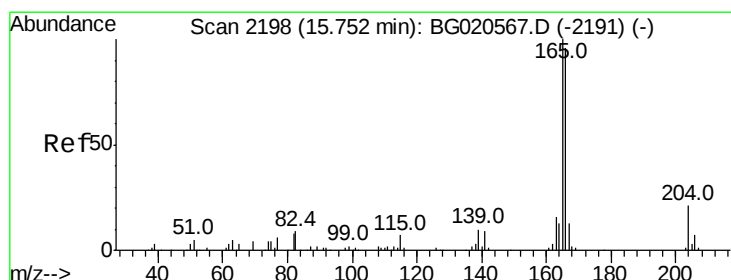
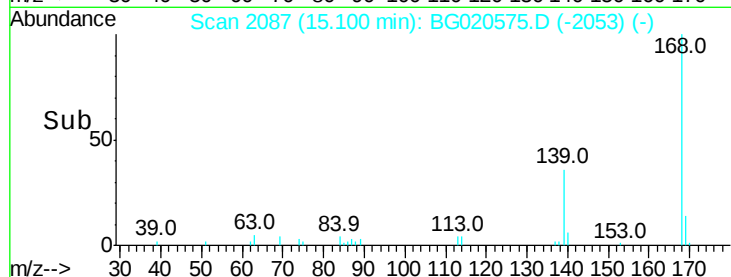
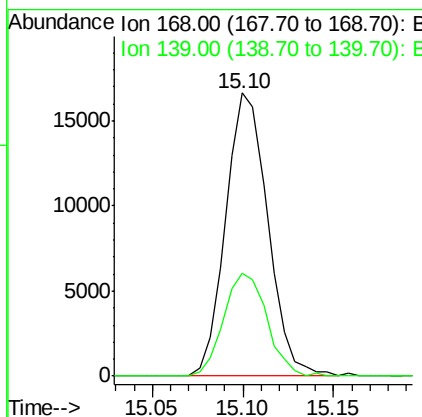
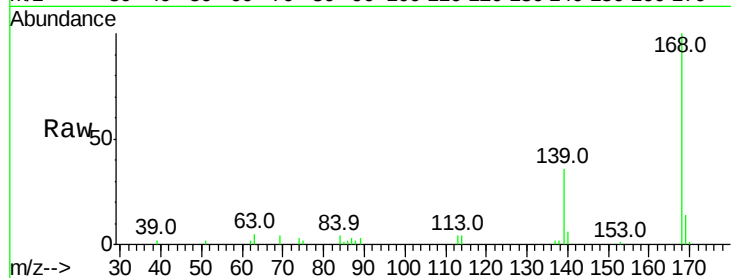
#54
Dibenzenofuran
Concen: 6.17 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Instrument :
BNA_G
ClientSampleId :
D9N63DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.5	45.7

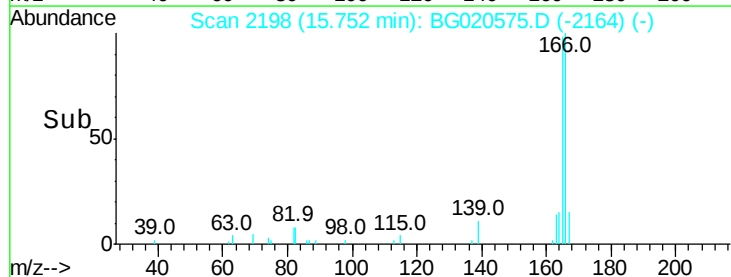
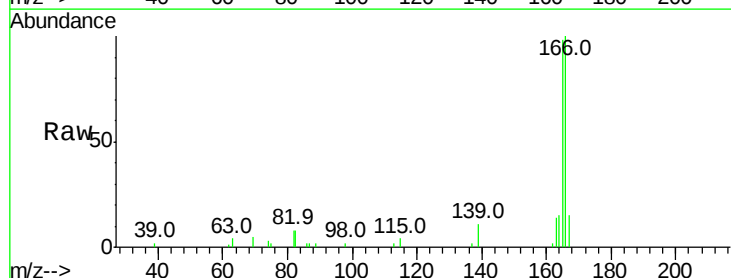
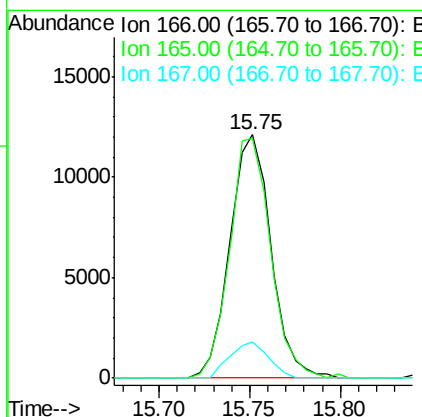
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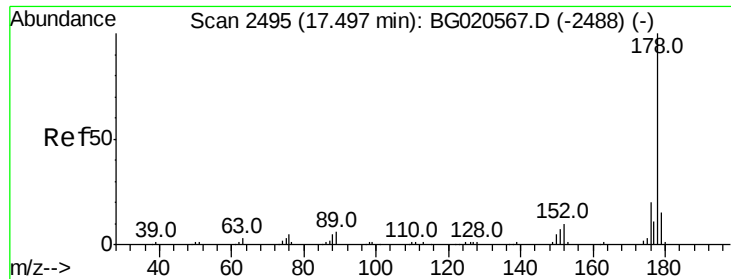
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#59
Fluorene
Concen: 5.39 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.4	122.0
167	14.7	11.2	16.8





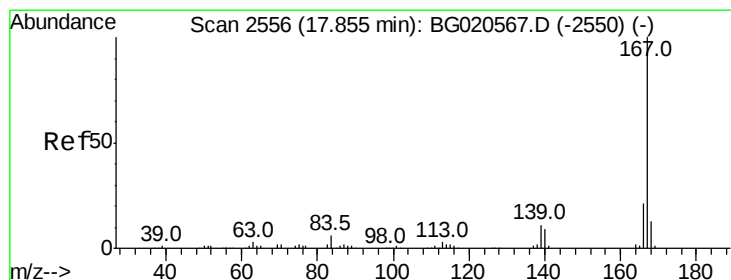
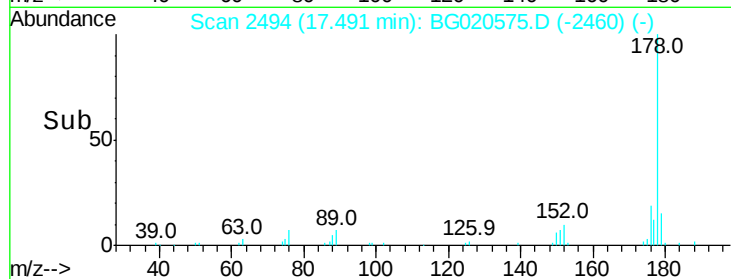
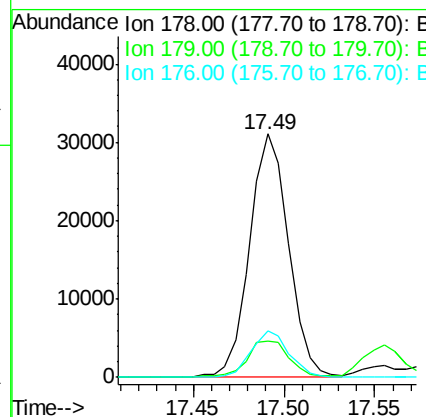
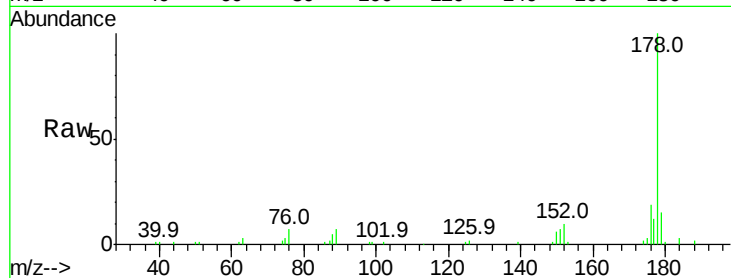
#70
Phenanthrene
Concen: 6.48 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Instrument :
BNA_G
ClientSampleId :
D9N63DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.9	19.3
176	19.3	15.3	22.9

Manual Integrations
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#75
Carbazole
Concen: 7.47 ng/ul
RT: 17.86 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.6
139	12.9	10.1	15.1

