

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020609.D
 Acq On : 30 Dec 2015 15:15
 Operator : UM/SJ
 Sample : G4846-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N56

Manual Integrations
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 12/31/2015 6:33:21 PM

Quant Time: Dec 31 00:52:13 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 23:49:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	89477	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	64735	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	168053	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	199062	20.00	ng/ul	-0.01
86) Perylene-d12	24.96	264	193029	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	358	1.10	ng/uL	0.00
5) Phenol-d5	7.22	99	10939	6.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	29364	29.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31052	24.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	22341	15.76	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	21732	31.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	25830	32.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	41915	27.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	2714m	1.50	ng/ul	-0.03
44) Dimethylphthalate-d6	14.09	166	174548	32.95	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	196054	32.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4717	5.68	ng/ul	0.00
58) Fluorene-d10	15.69	176	158251	32.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	29685	29.12	ng/ul	0.00
71) Anthracene-d10	17.54	188	260891	33.32	ng/ul	0.00
79) Pyrene-d10	19.82	212	315790	35.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	334949	34.78	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.94	128	1532594	323.44	ng/ul#	94
34) 2-Methylnaphthalene	12.53	142	282772	79.75	ng/ul	100
41) 1,1'-Biphenyl	13.53	154	55800	11.46	ng/ul	99
48) Acenaphthylene	14.42	152	15544	2.43	ng/ul#	94
50) Acenaphthene	14.76	153	227941	52.56	ng/ul	99
54) Dibenzofuran	15.09	168	208893	31.87	ng/ul	97
59) Fluorene	15.74	166	181535	34.43	ng/ul	100
70) Phenanthrene	17.48	178	535625	58.63	ng/ul	100
72) Anthracene	17.57	178	29285	3.13	ng/ul	96
75) Carbazole	17.84	167	19979	2.53	ng/ul#	93
77) Fluoranthene	19.49	202	116261	10.42	ng/ul	100
80) Pyrene	19.85	202	66554	5.77	ng/ul	99

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

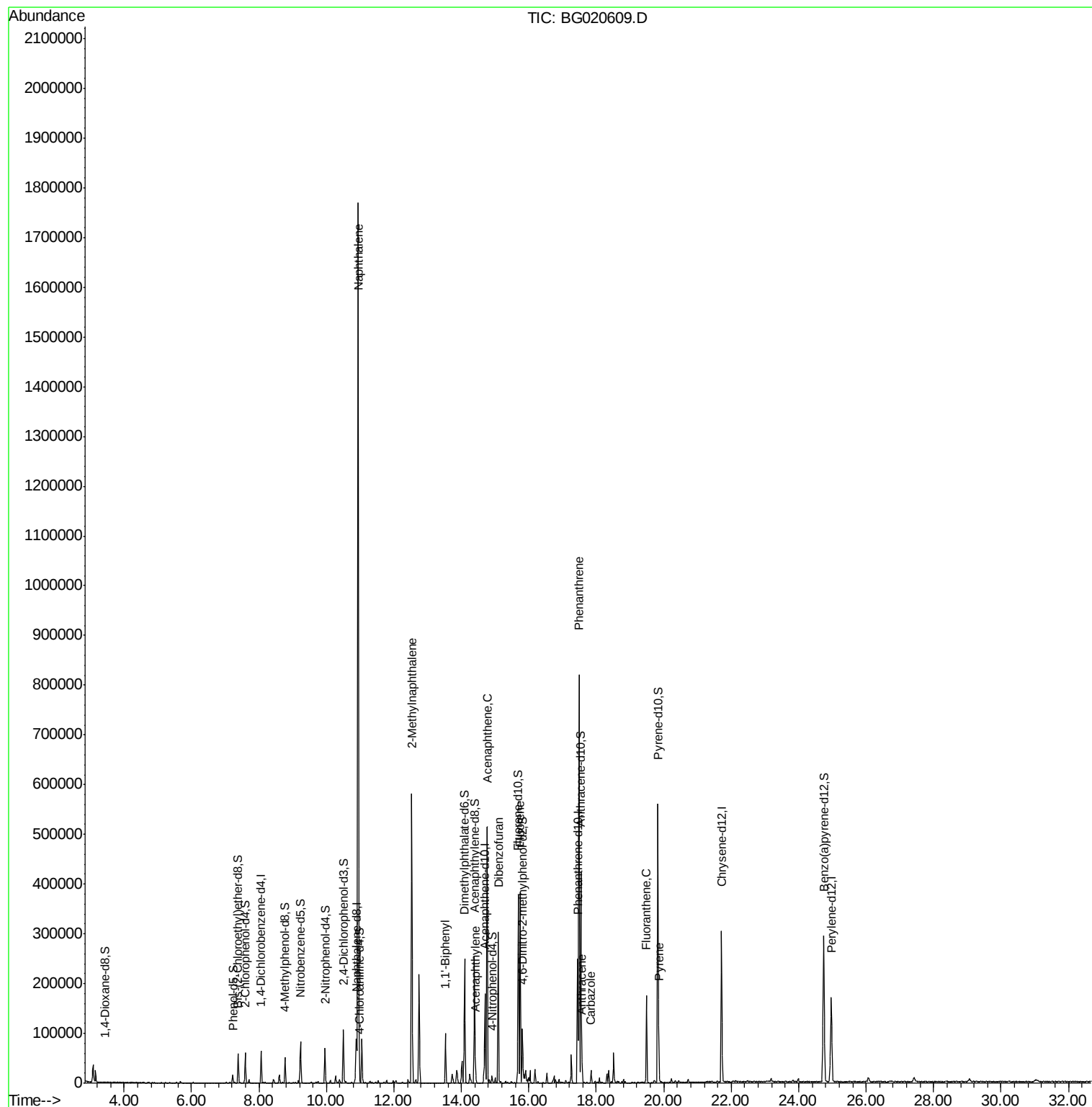
Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

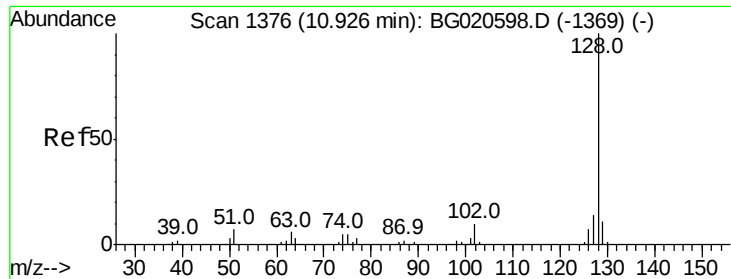
Instrument :
BNA_G
ClientSampleId :
D9N56

Manual Integrations
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Quant Time: Dec 31 00:52:13 2015
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Quant Title : SVOA CALIBRATION
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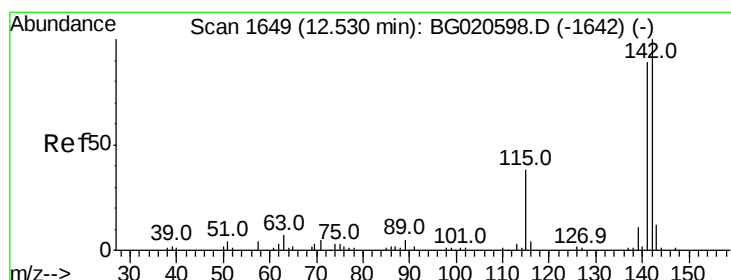
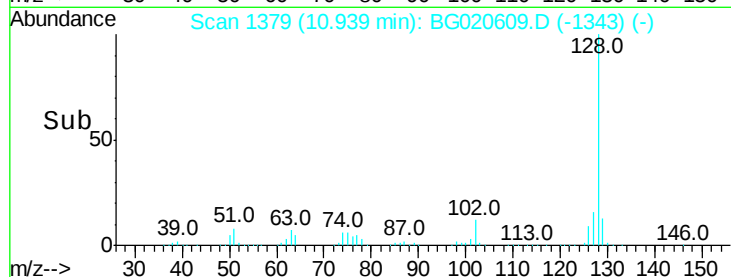
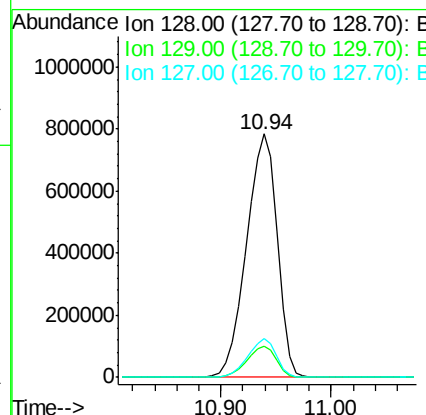
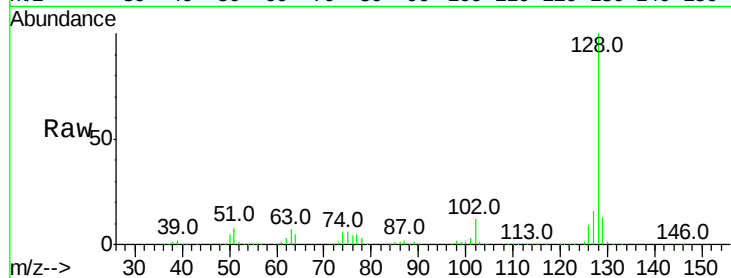
#28
Naphthalene
Concen: 323.44 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG020609.D
Acq: 30 Dec 2015 15:15

Instrument :
BNA_G
ClientSampleId :
D9N56

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.3	12.5#
127	15.8	10.8	16.2

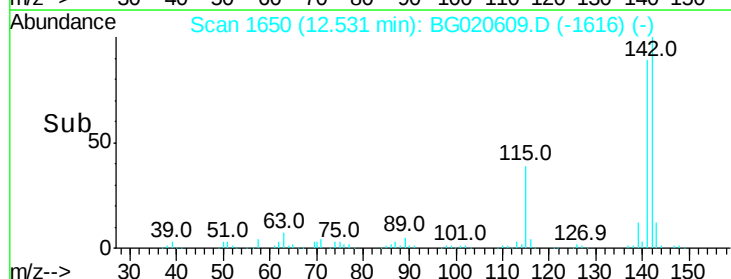
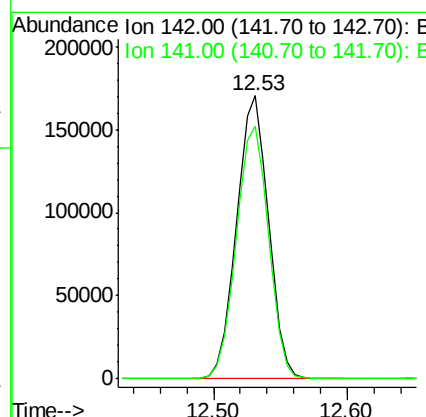
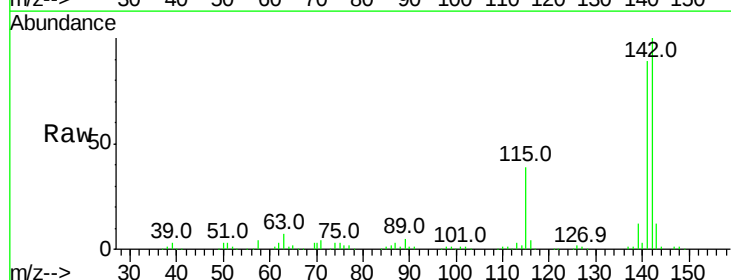
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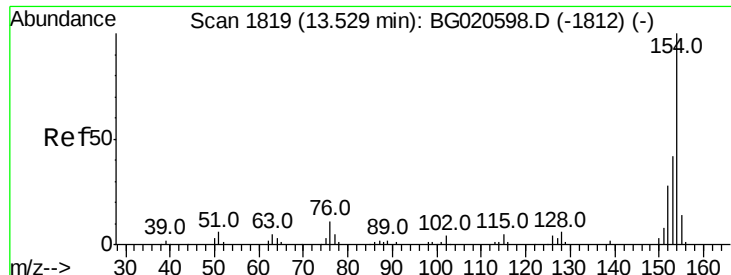
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#34
2-Methylnaphthalene
Concen: 79.75 ng/ul
RT: 12.53 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG020609.D
Acq: 30 Dec 2015 15:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2





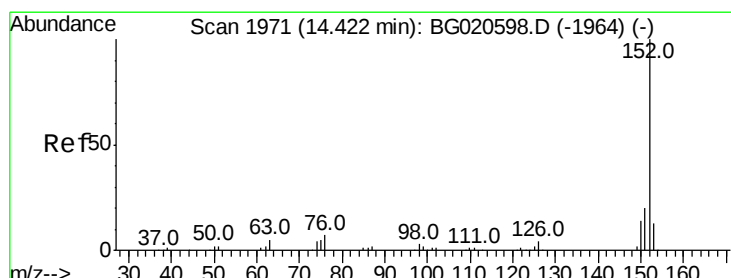
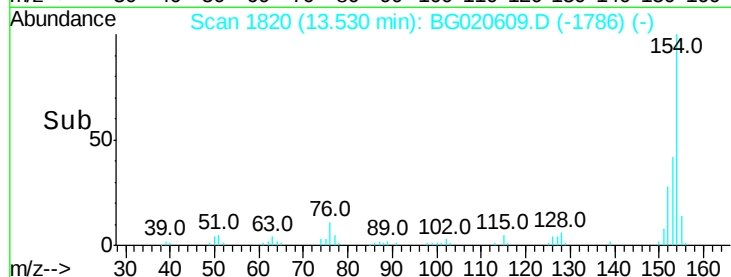
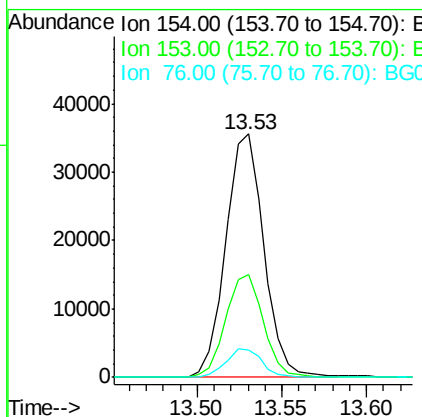
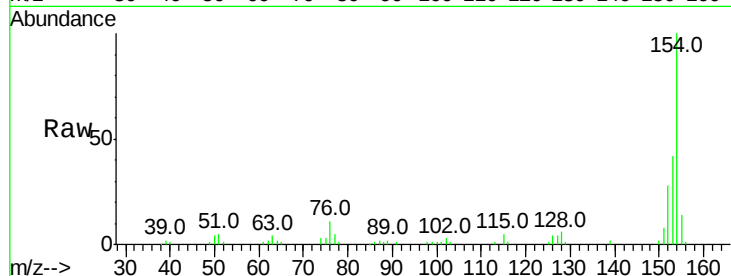
#41
 1,1'-Biphenyl
 Concen: 11.46 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020609.D
 Acq: 30 Dec 2015 15:15

Instrument :
 BNA_G
 ClientSampleId :
 D9N56

Tot Ion:	154	Resp:	55800
Ion Ratio	Lower	Upper	
154	100		
153	42.2	34.0	51.0
76	11.3	8.4	12.6

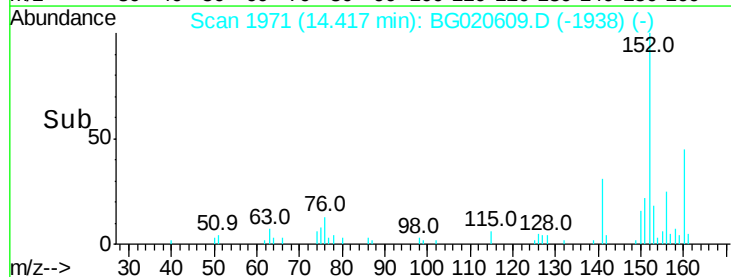
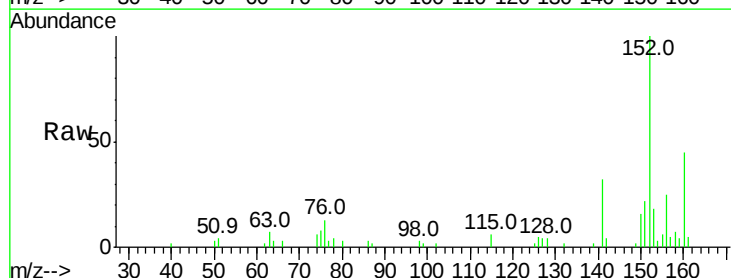
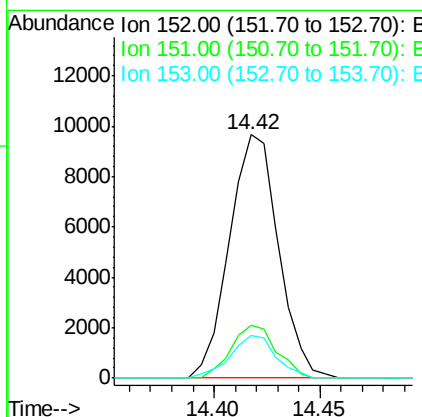
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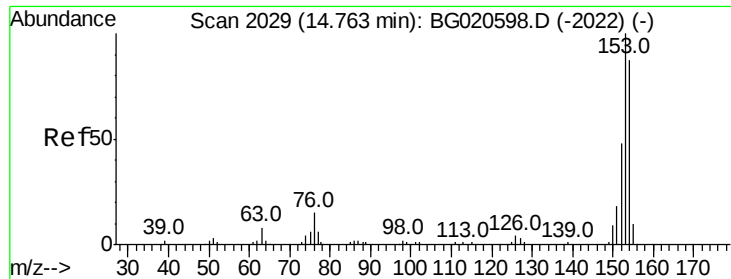
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#48
 Acenaphthylene
 Concen: 2.43 ng/ul
 RT: 14.42 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG020609.D
 Acq: 30 Dec 2015 15:15

Tgt Ion:	152	Resp:	15544
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.1	24.1
153	17.6	10.8	16.2#





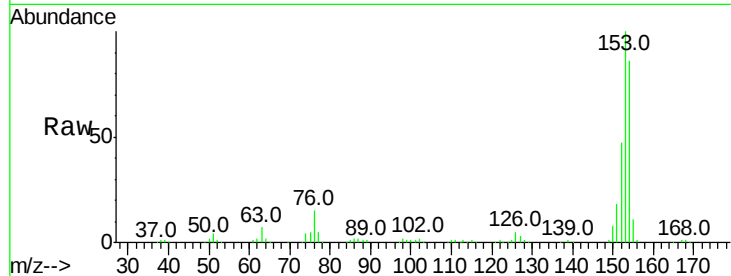
#50
Acenaphthene
Concen: 52.56 ng/ul
RT: 14.76 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG020609.D
Acq: 30 Dec 2015 15:15

Instrument :
BNA_G
ClientSampleId :
D9N56

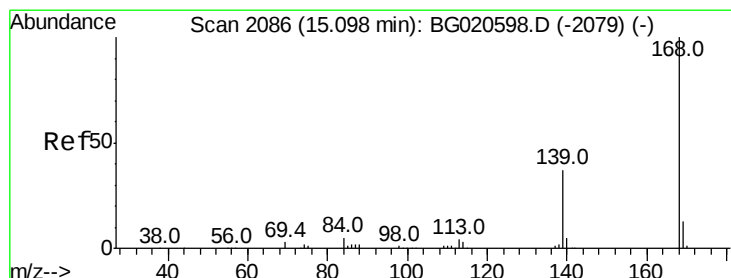
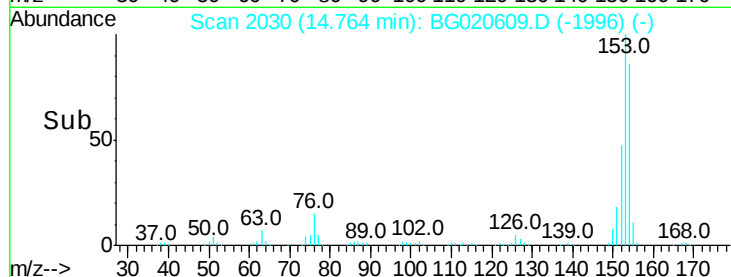
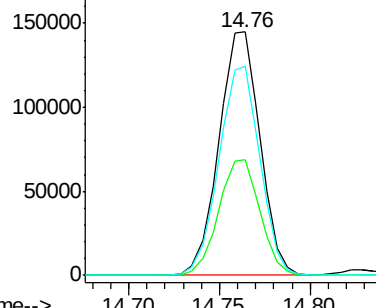
Tot Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.9	56.9
154	85.8	69.8	104.6

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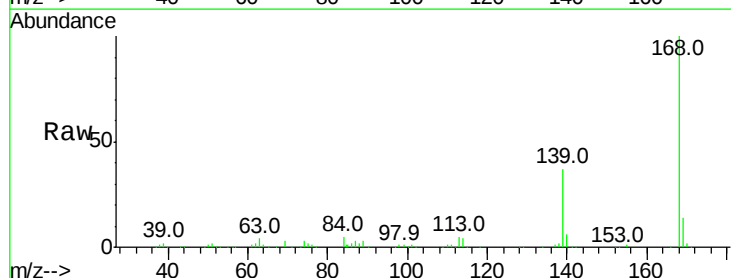


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

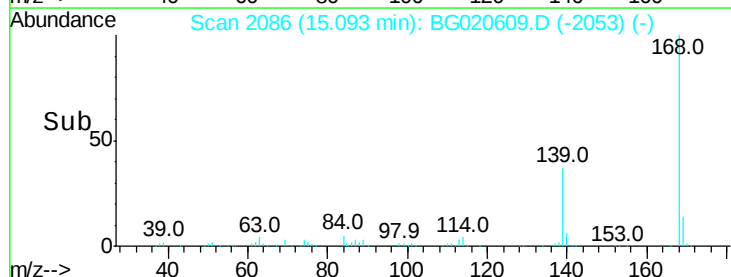
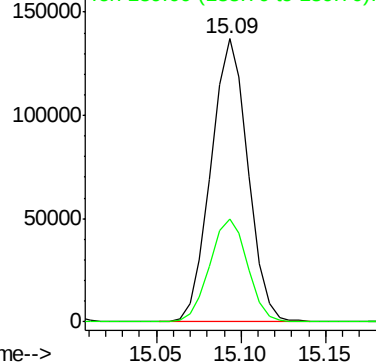


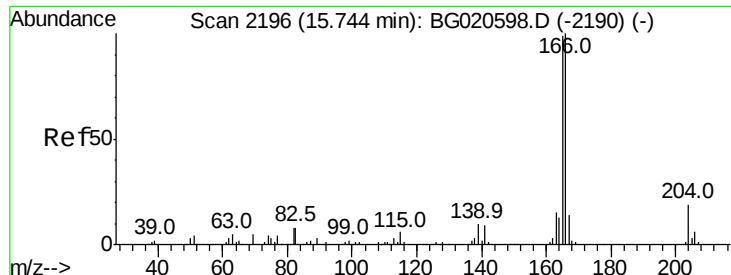
#54
Dibenzofuran
Concen: 31.87 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG020609.D
Acq: 30 Dec 2015 15:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.0	46.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 34.43 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020609.D

Acq: 30 Dec 2015 15:15

Instrument :

BNA_G

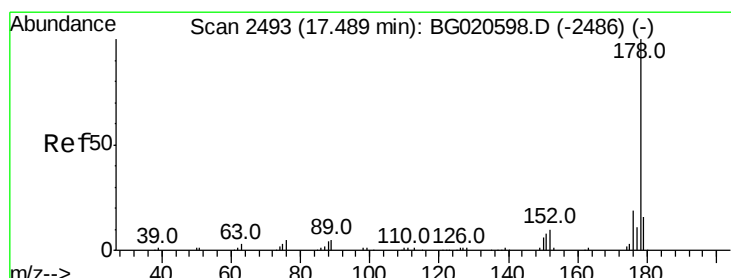
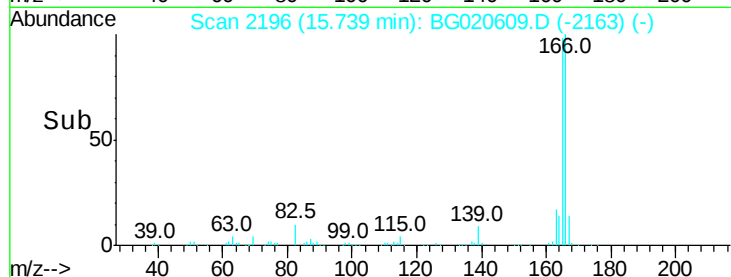
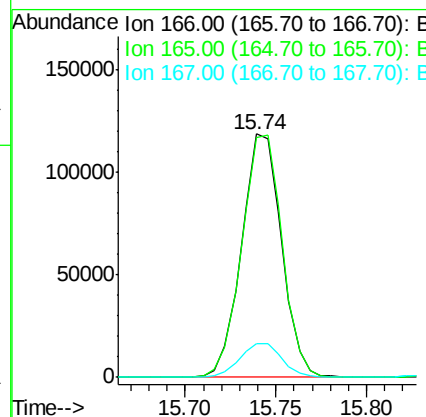
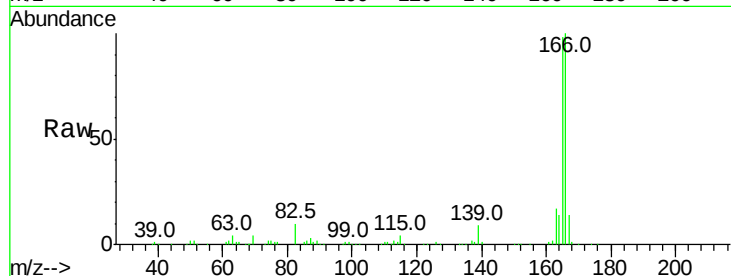
ClientSampleId :

D9N56

Tot Ion:	166	Resp:	181535
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.4	117.6
167	13.6	11.1	16.7

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#70

Phenanthrene

Concen: 58.63 ng/ul

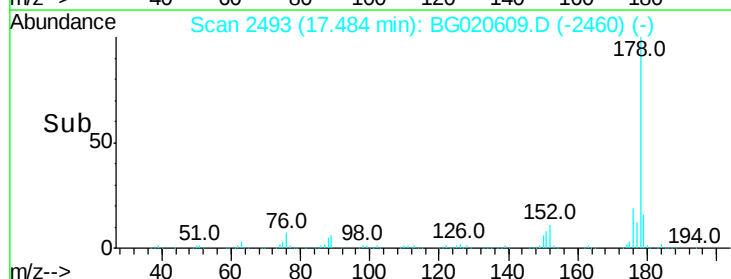
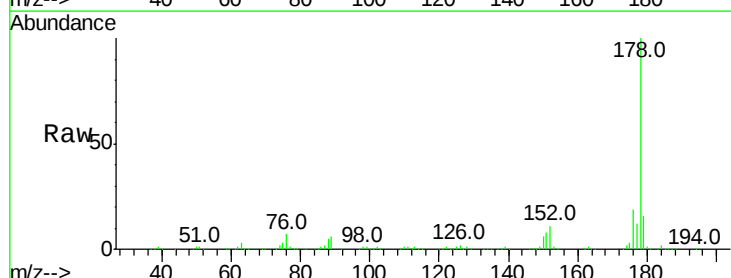
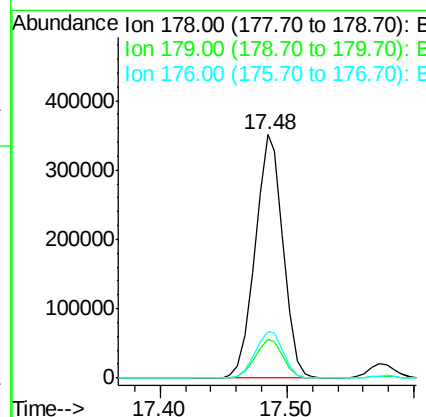
RT: 17.48 min Scan# 2493

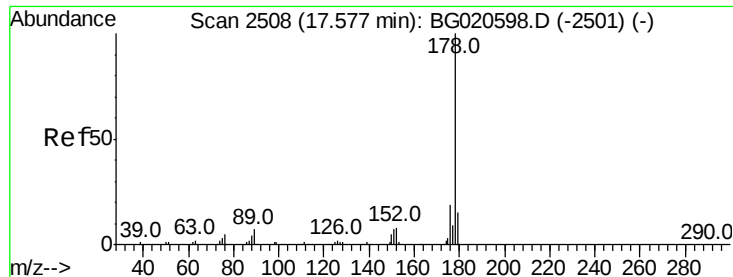
Delta R.T. -0.00 min

Lab File: BG020609.D

Acq: 30 Dec 2015 15:15

Tgt Ion:	178	Resp:	535625
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.2	15.4	23.0





#72

Anthracene

Concen: 3.13 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG020609.D

Acq: 30 Dec 2015 15:15

Instrument :

BNA_G

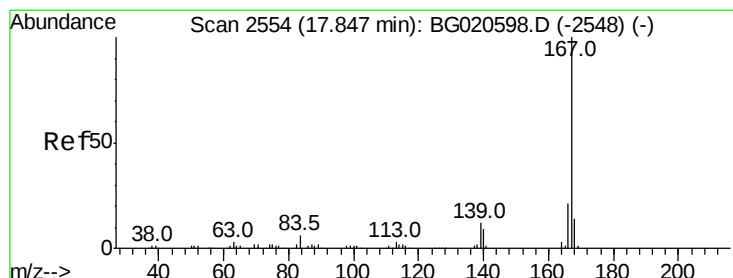
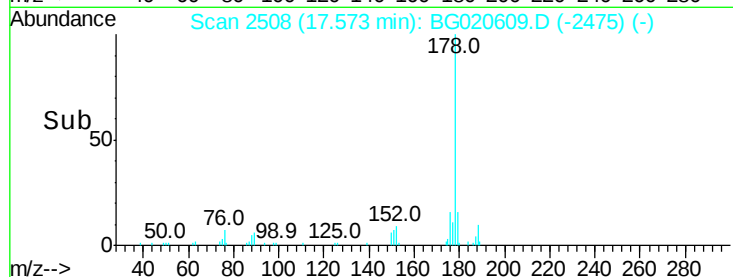
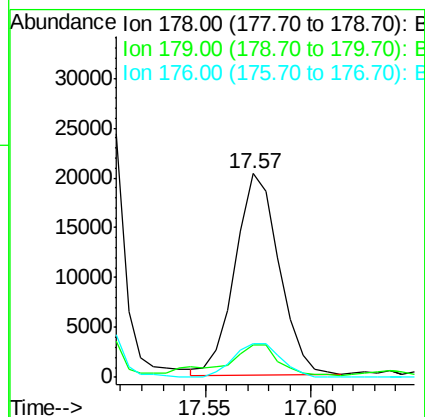
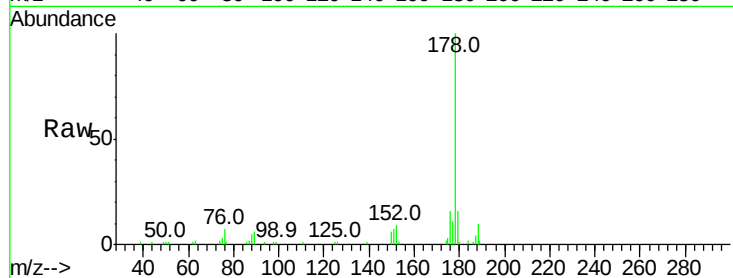
ClientSampleId :

D9N56

Tot Ion:178	Resp:	29285
Ion Ratio	Lower	Upper
178 100		
179 15.7	13.4	20.2
176 16.5	15.4	23.0

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#75

Carbazole

Concen: 2.53 ng/ul

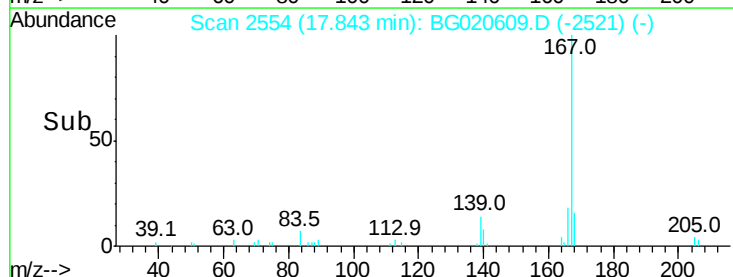
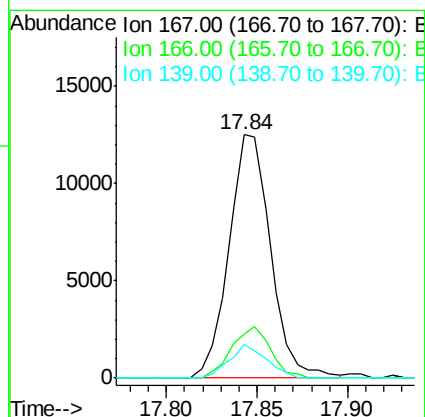
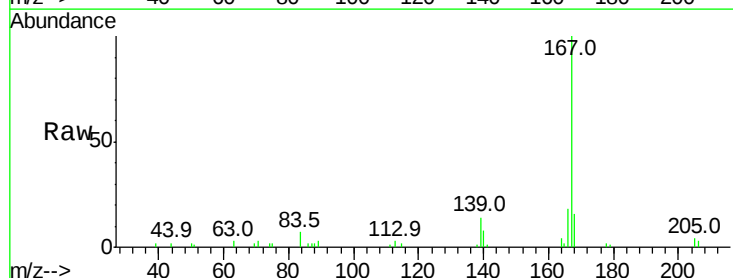
RT: 17.84 min Scan# 2554

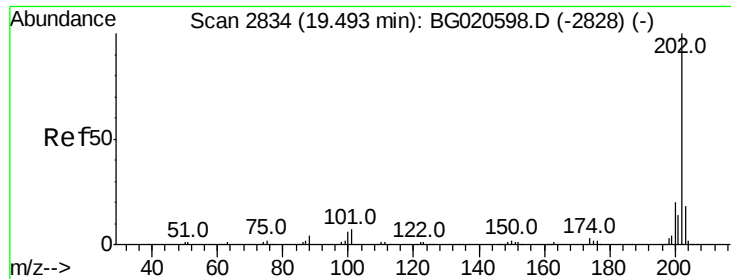
Delta R.T. -0.00 min

Lab File: BG020609.D

Acq: 30 Dec 2015 15:15

Tgt Ion:167	Resp:	19979
Ion Ratio	Lower	Upper
167 100		
166 18.2	17.0	25.4
139 14.0	9.1	13.7#





#77

Fluoranthene

Concen: 10.42 ng/ul

RT: 19.49 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG020609.D

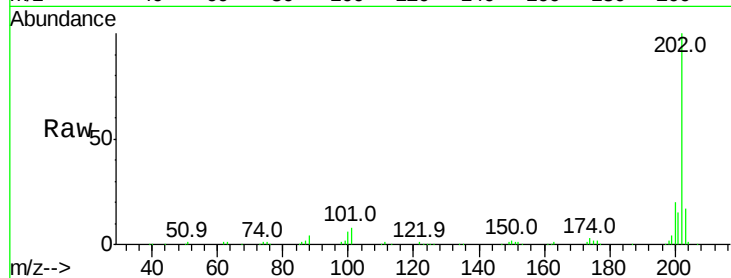
Acq: 30 Dec 2015 15:15

Instrument :

BNA_G

ClientSampleId :

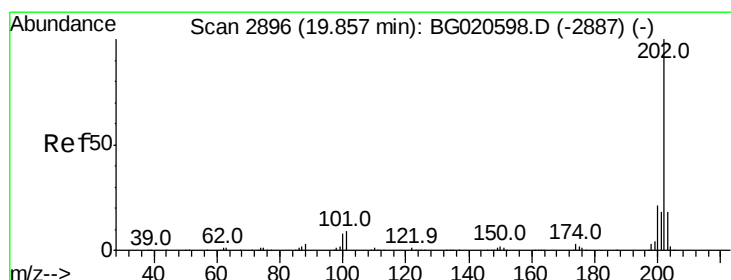
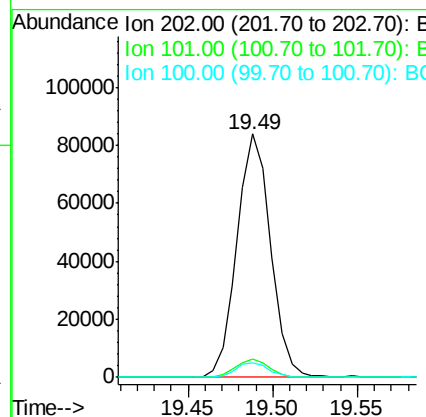
D9N56



Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.5	6.1	9.1		
100	6.0	4.6	7.0		

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#80

Pyrene

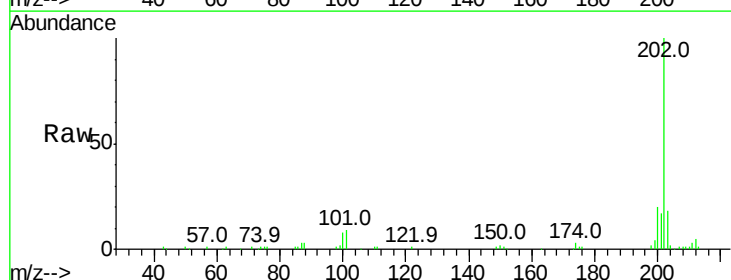
Concen: 5.77 ng/ul

RT: 19.85 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG020609.D

Acq: 30 Dec 2015 15:15



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.7	6.9	10.3		
100	7.8	5.6	8.4		

