

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020607.D
 Acq On : 30 Dec 2015 13:57
 Operator : UM/SJ
 Sample : G4846-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N54

Manual Integrations
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Sohil
 12/31/2015 6:33:17 PM

Quant Time: Dec 31 00:33:06 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	23459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	114012m	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.70	164	71118	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	161904	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	197304	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	188001	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	438	1.12	ng/uL	0.00
5) Phenol-d5	7.22	99	14985	7.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	36270	30.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	38749	25.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	27450	16.15	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	26430	30.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	30161	29.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.51	165	50078	25.79	ng/ul	0.02
29) 4-Chloroaniline-d4	11.02	131	4069	1.76	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	176409	30.31	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	209745	31.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7398	8.11	ng/ul	0.00
58) Fluorene-d10	15.69	176	165137	31.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	28859	29.39	ng/ul	0.01
71) Anthracene-d10	17.55	188	246551	32.68	ng/ul	0.00
79) Pyrene-d10	19.83	212	283630	32.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	318442	33.95	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.25	94	3362	1.58	ng/ul	94
11) 2-Methylphenol	8.50	108	12619	7.67	ng/ul	97
14) Acetophenone	8.89	105	12894m	4.63	ng/ul	
16) 4-Methylphenol	8.84	108	24153	13.27	ng/ul	83
24) 2,4-Dimethylphenol	10.06	107	83311m	36.67	ng/ul	
28) Naphthalene	11.02	128	9078669	1503.64	ng/ul#	46
34) 2-Methylnaphthalene	12.55	142	1763337	390.31	ng/ul	95
41) 1,1'-Biophenyl	13.53	154	522208	97.59	ng/ul	99
48) Acenaphthylene	14.42	152	230135	32.69	ng/ul	95
50) Acenaphthene	14.79	153	1921576	403.29	ng/ul	94
54) Dibenzofuran	15.11	168	1661153	230.70	ng/ul	91
59) Fluorene	15.76	166	1274321	220.01	ng/ul	97
70) Phenanthrene	17.50	178	2037243m	231.45	ng/ul	
72) Anthracene	17.58	178	197286m	21.91	ng/ul	
75) Carbazole	17.88	167	2439335	321.08	ng/ul#	83
77) Fluoranthene	19.49	202	360404	33.51	ng/ul	99
80) Pyrene	19.86	202	208020	18.20	ng/ul	99

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

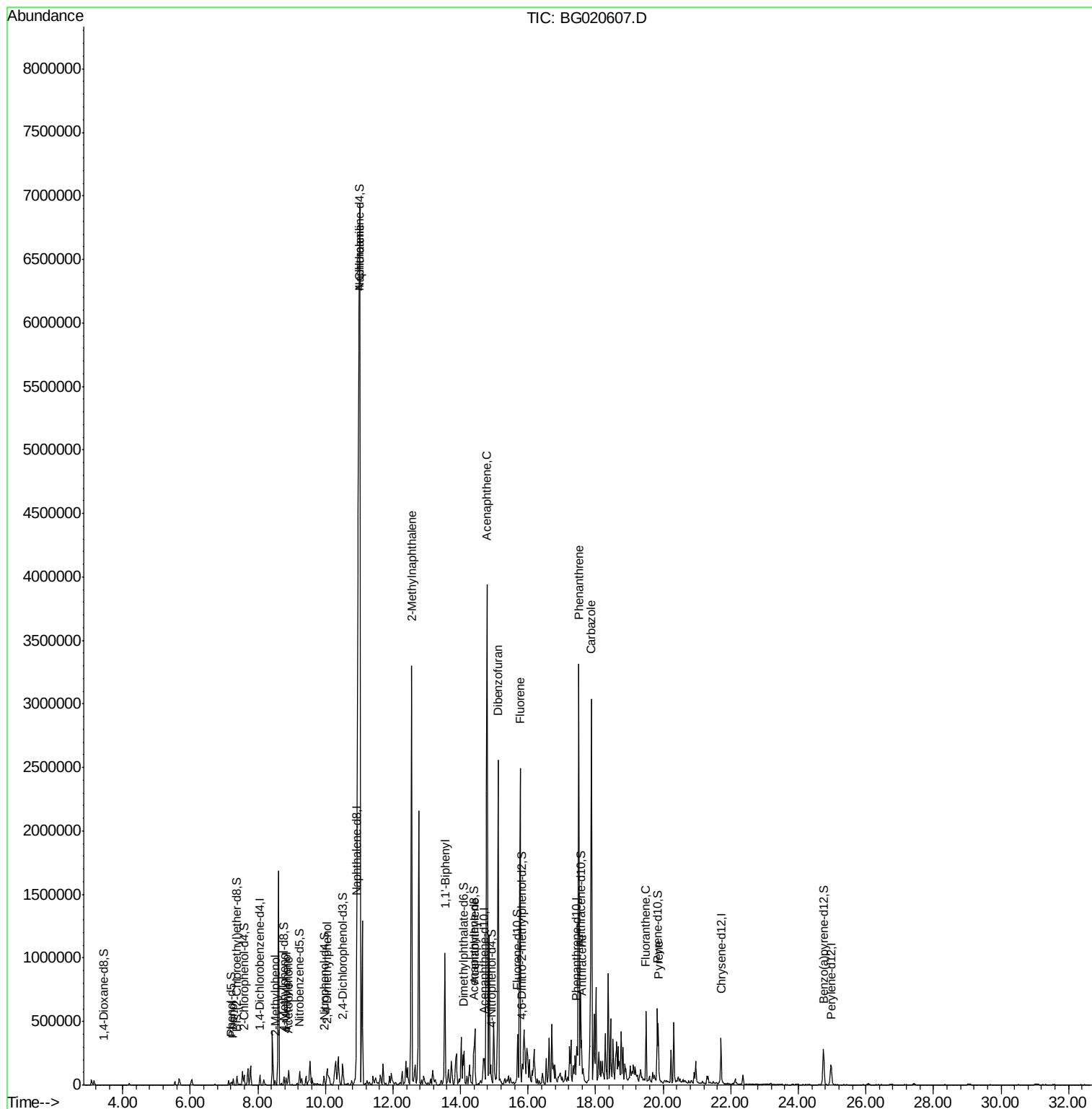
Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020607.D
Acq On : 30 Dec 2015 13:57
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

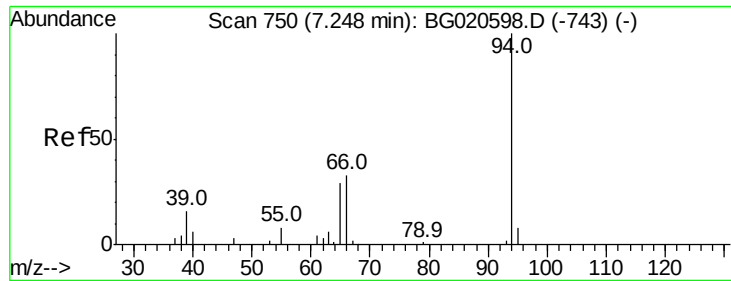
Instrument :
BNA_G
ClientSampleId :
D9N54

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Quant Time: Dec 31 00:33:06 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





#6

Phenol

Concen: 1.58 ng/ul

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Instrument :

BNA_G

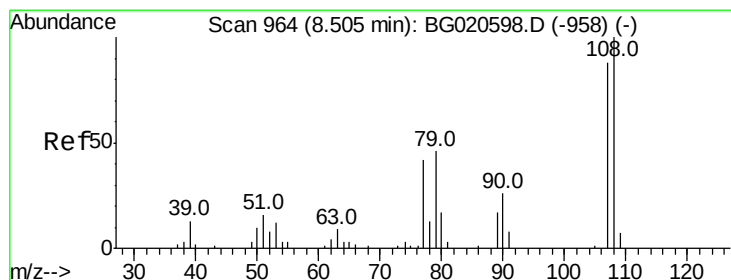
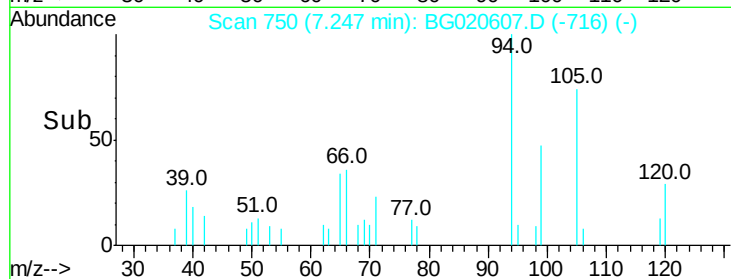
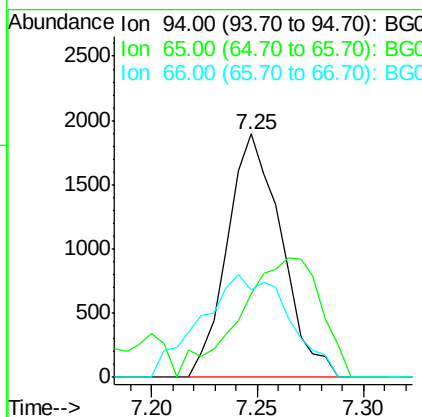
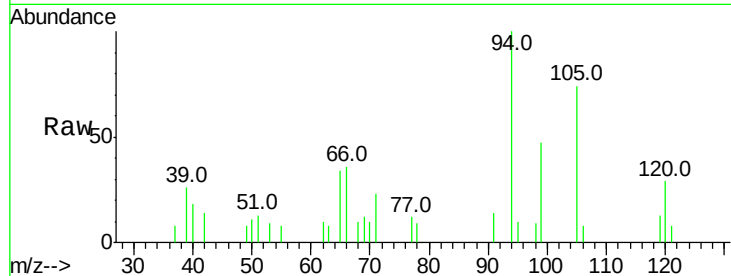
ClientSampleId :

D9N54

Tot Ion:	94	Resp:	3362
Ion	Ratio	Lower	Upper
94	100		
65	34.3	23.0	34.6
66	36.1	30.4	45.6

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#11

2-Methylphenol

Concen: 7.67 ng/ul

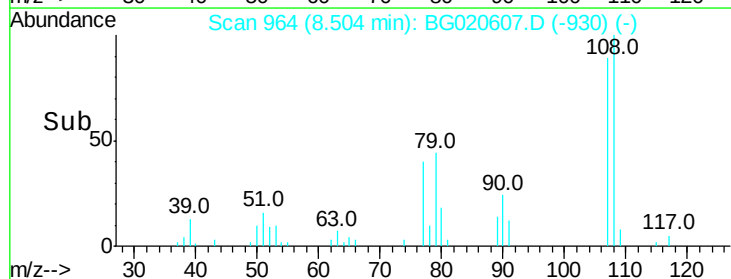
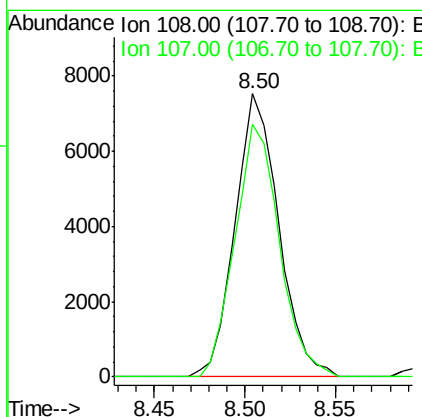
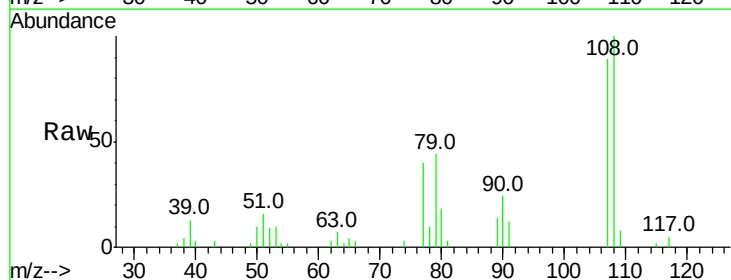
RT: 8.50 min Scan# 964

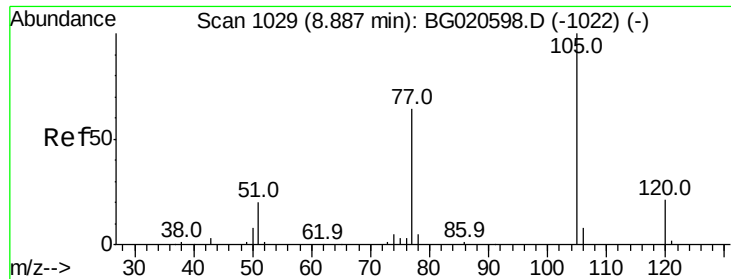
Delta R.T. -0.00 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Tgt Ion:	108	Resp:	12619
Ion	Ratio	Lower	Upper
108	100		
107	89.4	74.1	111.1





#14

Acetophenone

Concen: 4.63 ng/ul m

RT: 8.89 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Instrument :

BNA_G

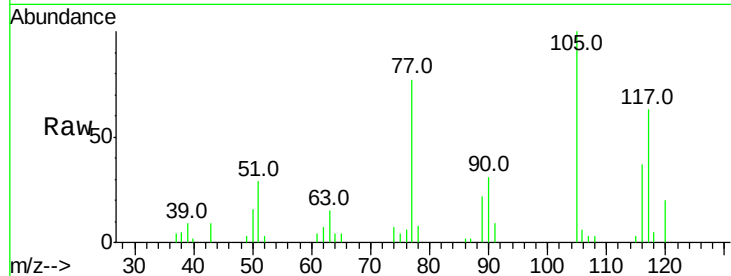
ClientSampleId :

D9N54

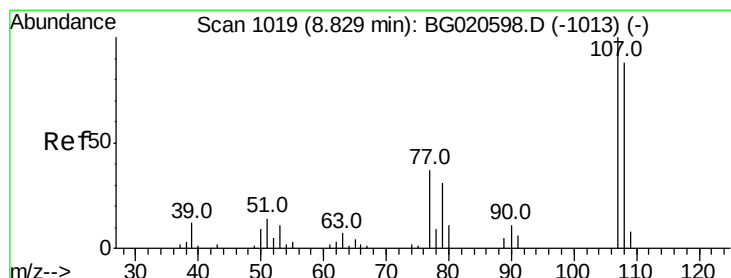
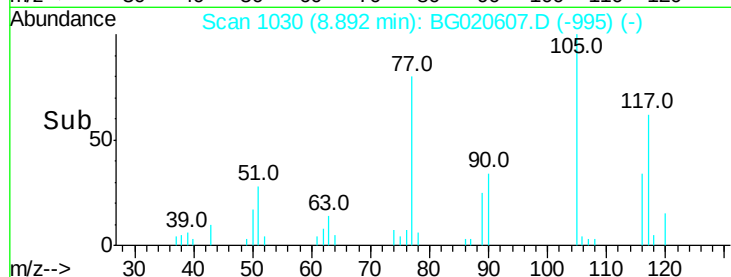
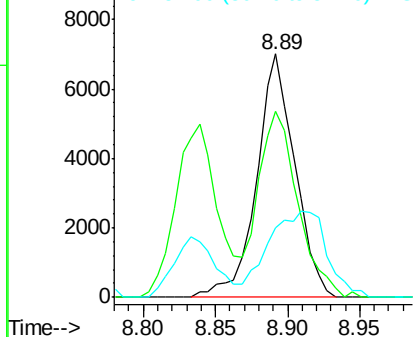
Tot Ion:	105	Resp:	12894
Ion Ratio	Lower	Upper	
105	100		
77	76.6	63.2	94.8
51	28.8	19.8	29.8

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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#16

4-Methylphenol

Concen: 13.27 ng/ul

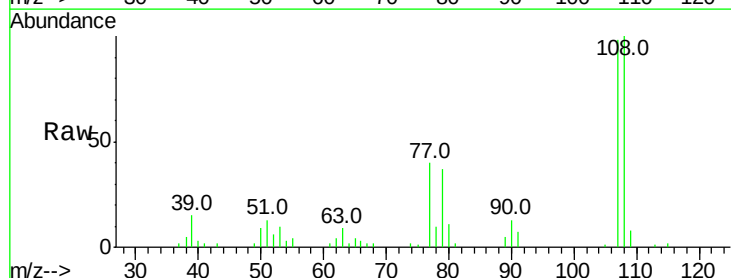
RT: 8.84 min Scan# 1021

Delta R.T. 0.01 min

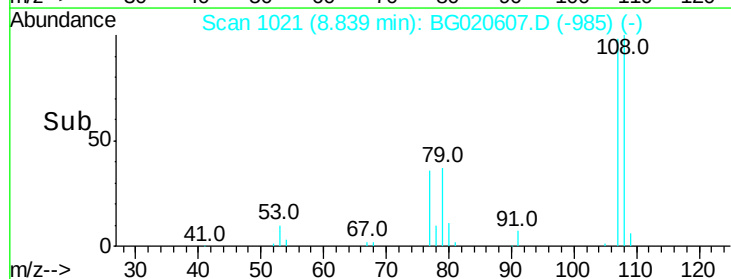
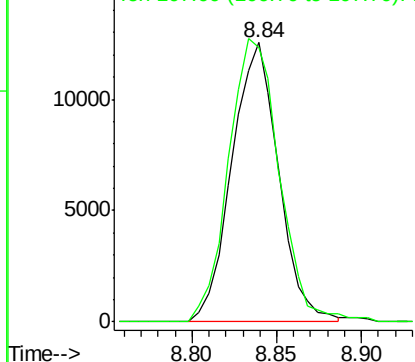
Lab File: BG020607.D

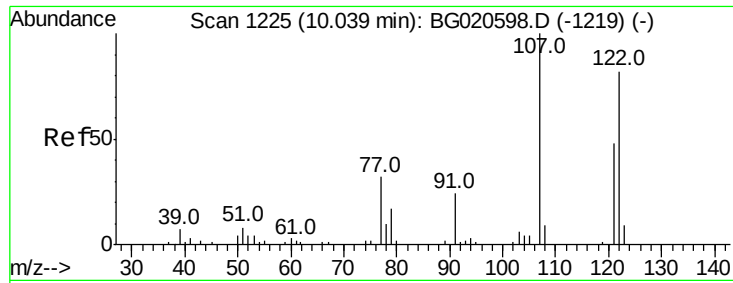
Acq: 30 Dec 2015 13:57

Tgt Ion:	108	Resp:	24153
Ion Ratio	Lower	Upper	
108	100		
107	98.3	93.6	140.4



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





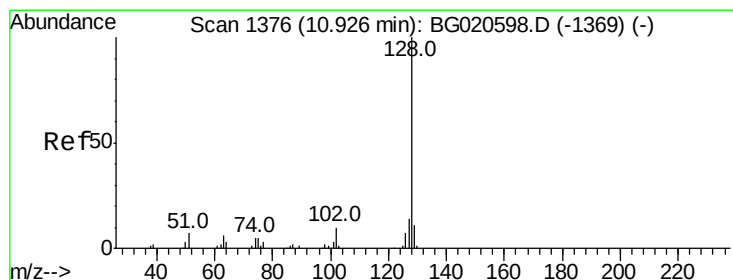
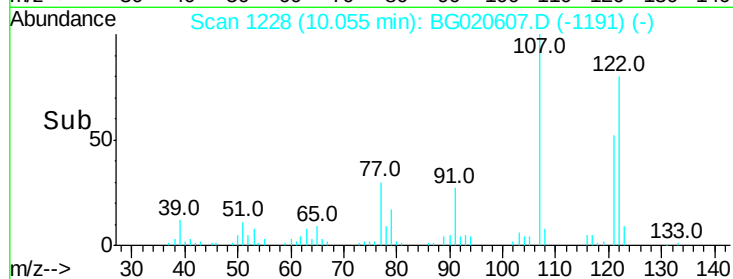
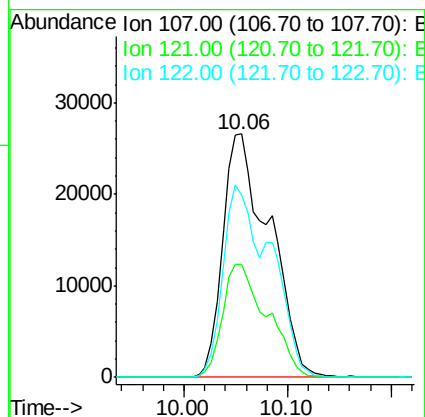
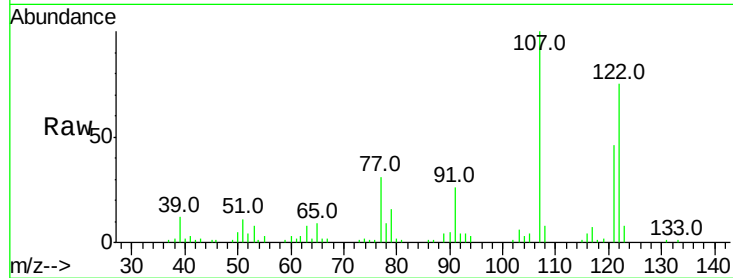
#24
2,4-Dimethylphenol
Concen: 36.67 ng/ul m
RT: 10.06 min Scan# 1228
Delta R.T. 0.02 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Instrument :
BNA_G
ClientSampled :
D9N54

Tot Ion:	107	Resp:	83311
Ion Ratio	Lower	Upper	
107	100		
121	46.2	38.1	57.1
122	75.0	63.8	95.8

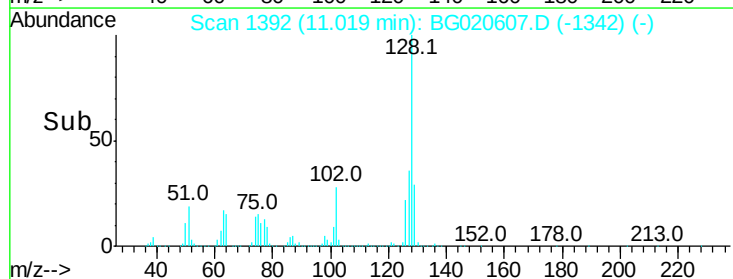
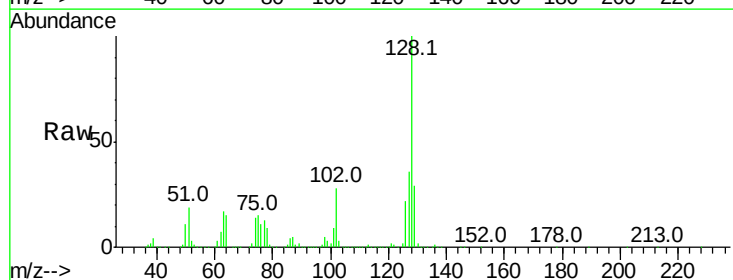
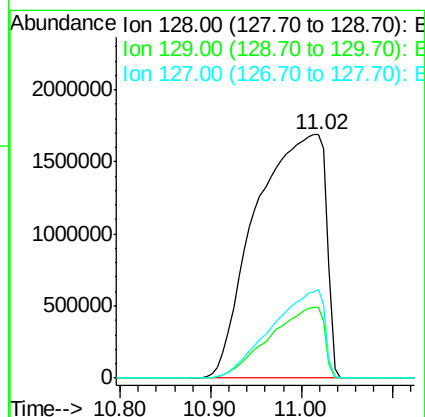
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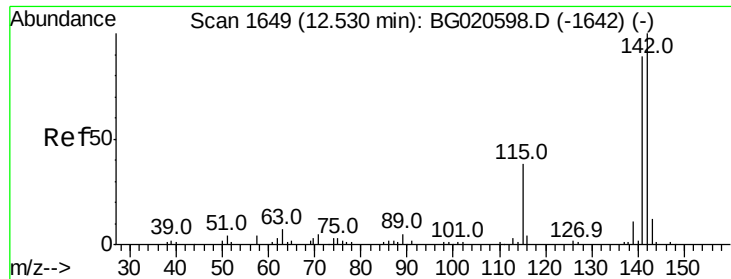
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#28
Naphthalene
Concen: 1503.64 ng/ul
RT: 11.02 min Scan# 1392
Delta R.T. 0.09 min
Lab File: BG020607.D
Acq: 30 Dec 2015 13:57

Tgt Ion:	128	Resp:	9078669
Ion Ratio	Lower	Upper	
128	100		
129	28.8	8.3	12.5#
127	36.4	10.8	16.2#





#34

2-Methylnaphthalene

Concen: 390.31 ng/ul

RT: 12.55 min Scan# 1653

Delta R.T. 0.02 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Instrument :

BNA_G

ClientSampled :

D9N54

Tot Ion:142 Resp: 1763337

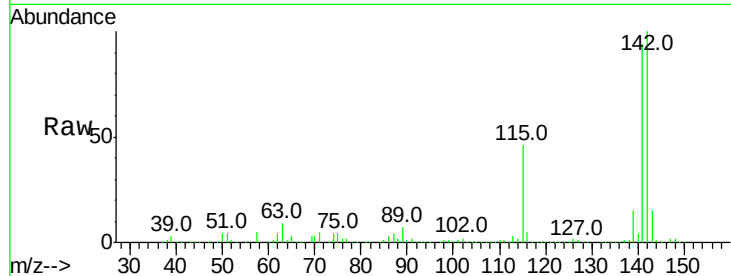
Ion Ratio Lower Upper

142 100

141 94.2 71.4 107.2

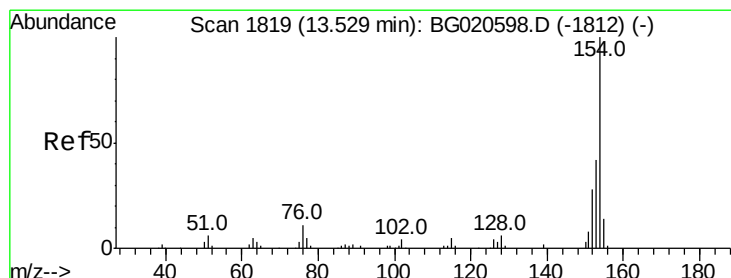
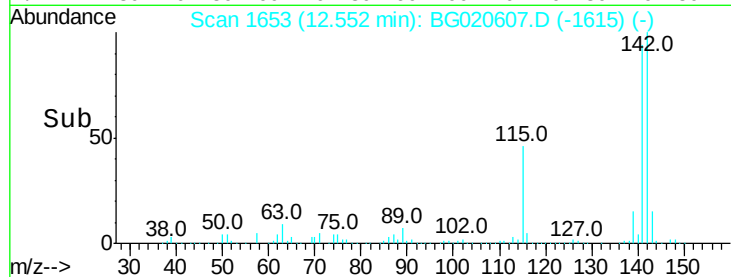
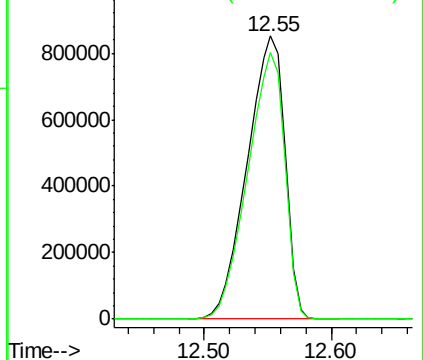
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#41

1,1'-Biphenyl

Concen: 97.59 ng/ul

RT: 13.53 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

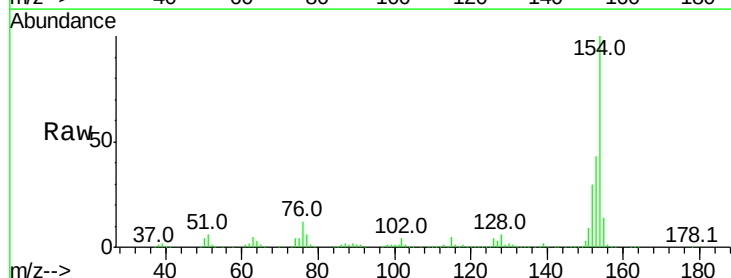
Tgt Ion:154 Resp: 522208

Ion Ratio Lower Upper

154 100

153 43.0 34.0 51.0

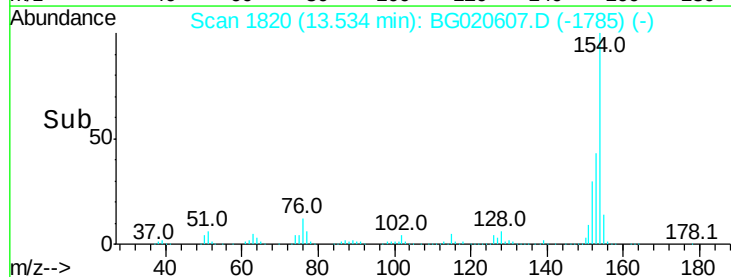
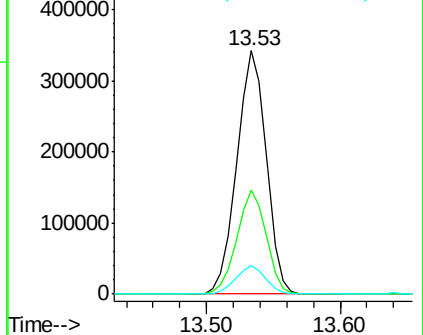
76 11.7 8.4 12.6

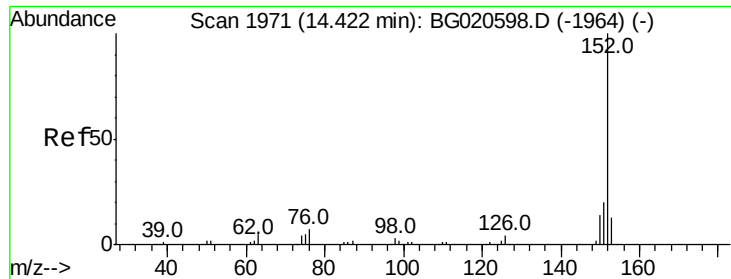


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#48

Acenaphthylene

Concen: 32.69 ng/ul

RT: 14.42 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Instrument :

BNA_G

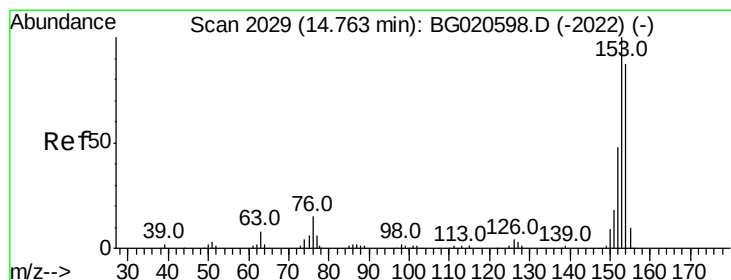
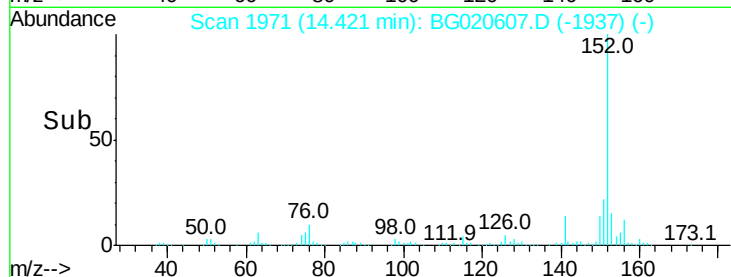
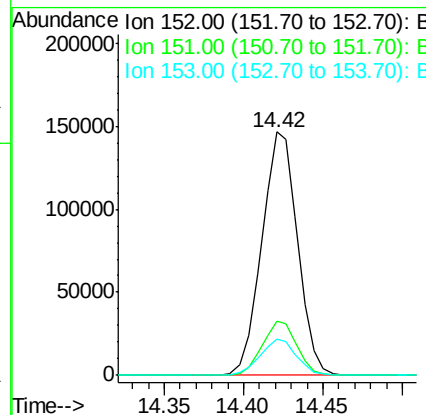
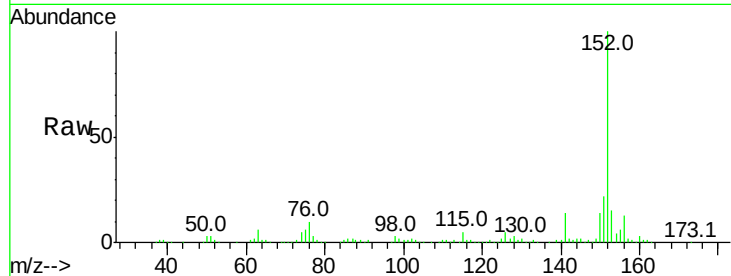
ClientSampleId :

D9N54

Tot Ion:	152	Resp:	230135
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.1	24.1
153	15.1	10.8	16.2

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#50

Acenaphthene

Concen: 403.29 ng/ul

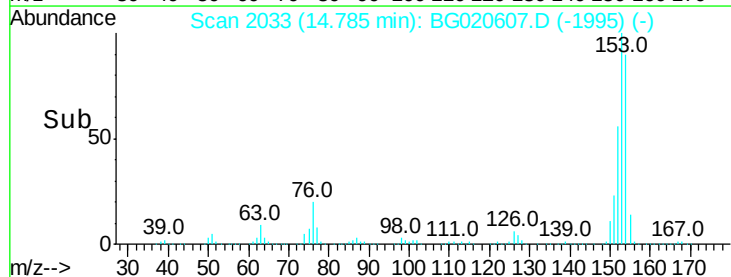
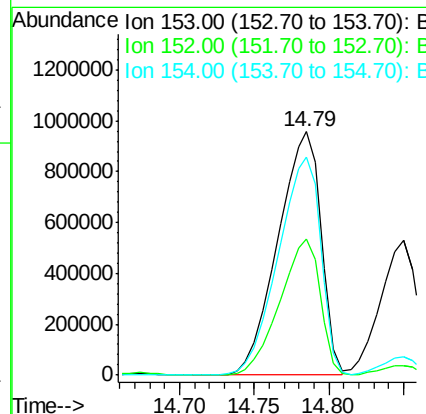
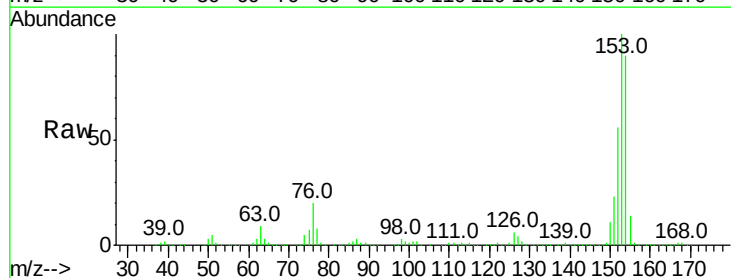
RT: 14.79 min Scan# 2033

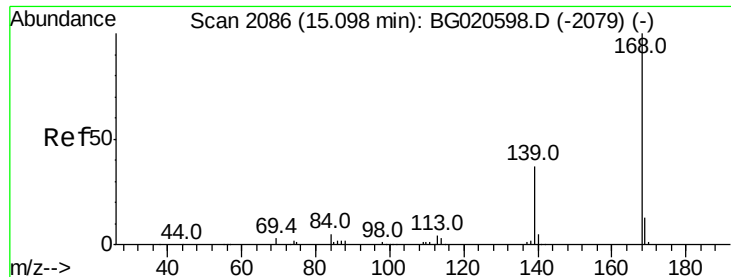
Delta R.T. 0.02 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Tgt Ion:	153	Resp:	1921576
Ion Ratio	Lower	Upper	
153	100		
152	55.7	37.9	56.9
154	89.5	69.8	104.6





#54

Dibenzenofuran

Concen: 230.70 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Instrument :

BNA_G

ClientSampled :

D9N54

Tot Ion:168 Resp: 1661153

Ion Ratio Lower Upper

168 100

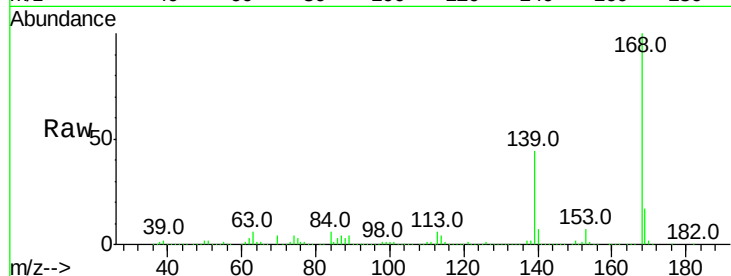
139 44.1

31.0

46.4

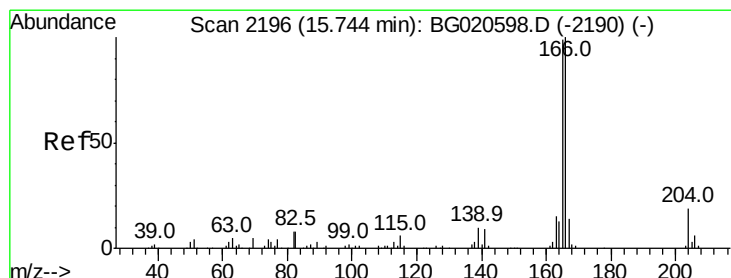
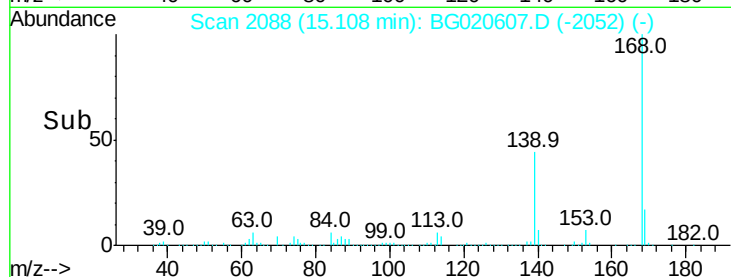
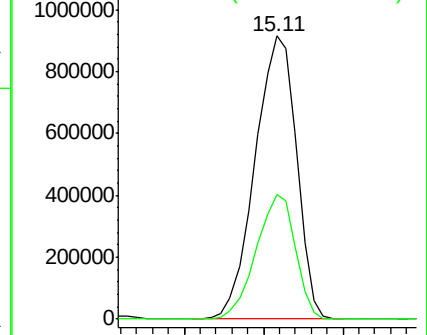
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 220.01 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. 0.02 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Tgt Ion:166 Resp: 1274321

Ion Ratio Lower Upper

166 100

165 100.1

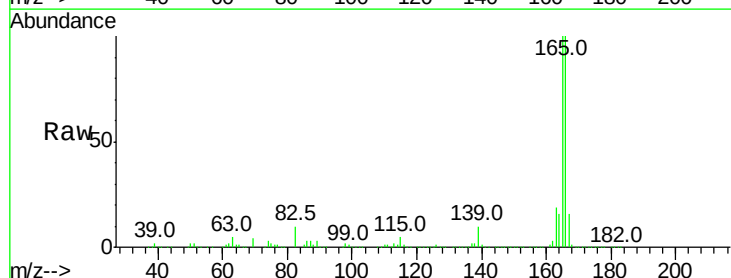
78.4

117.6

167 16.3

11.1

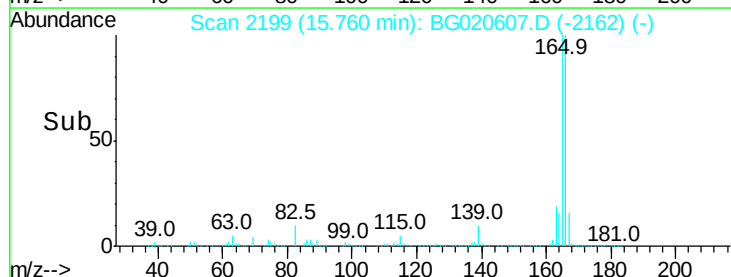
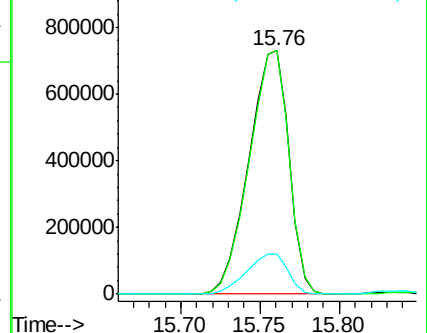
16.7

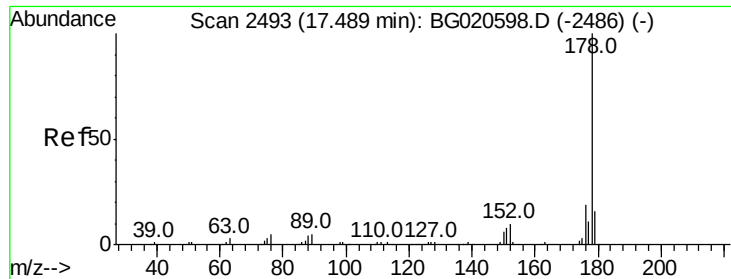


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 231.45 ng/ul m

RT: 17.50 min Scan# 2495

Delta R.T. 0.01 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Instrument :

BNA_G

ClientSampleId :

D9N54

Tot Ion:178 Resp: 2037243

Ion Ratio Lower Upper

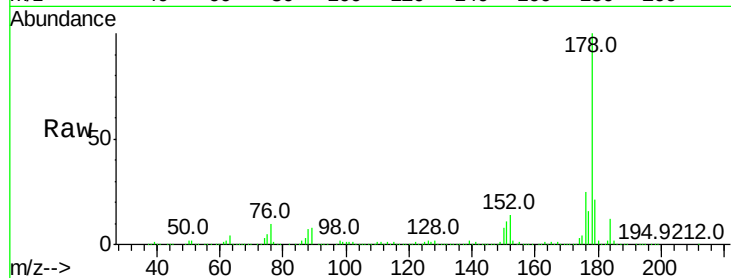
178 100

179 21.2 12.3 18.5#

176 25.2 15.4 23.0#

Manual Integrations
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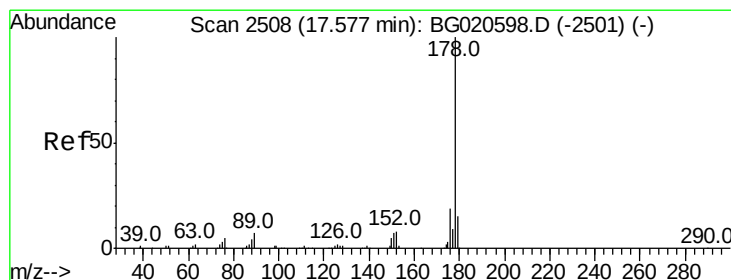
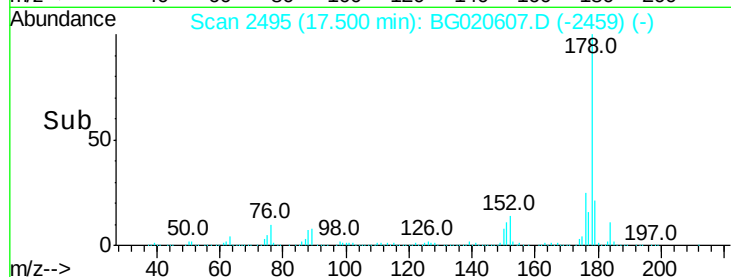
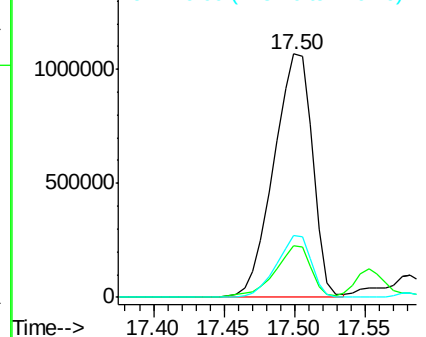
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 21.91 ng/ul m

RT: 17.58 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

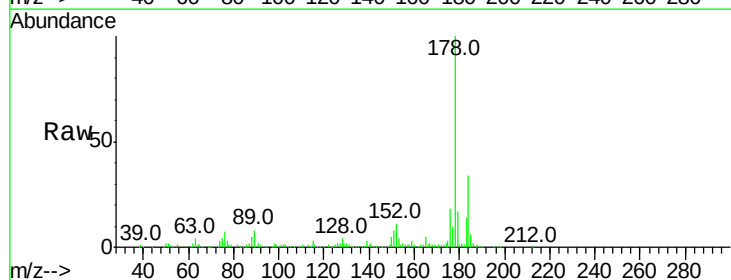
Tgt Ion:178 Resp: 197286

Ion Ratio Lower Upper

178 100

179 17.1 13.4 20.2

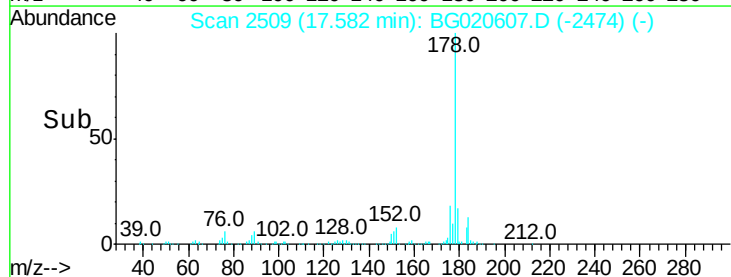
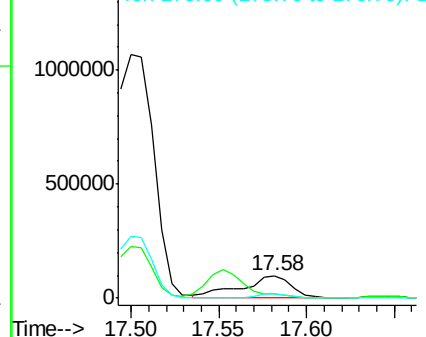
176 17.7 15.4 23.0

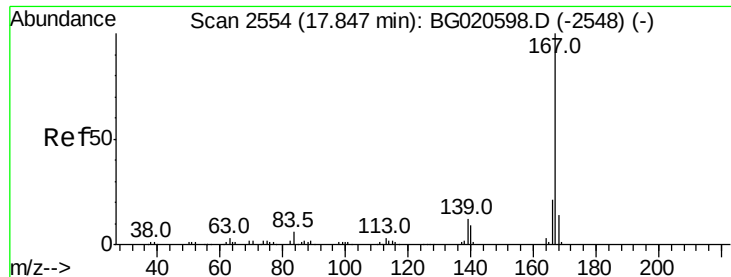


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 321.08 ng/ul

RT: 17.88 min Scan# 2559

Delta R.T. 0.03 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

Instrument :

BNA_G

ClientSampled :

D9N54

Tot Ion:167 Resp: 2439335

Ion Ratio Lower Upper

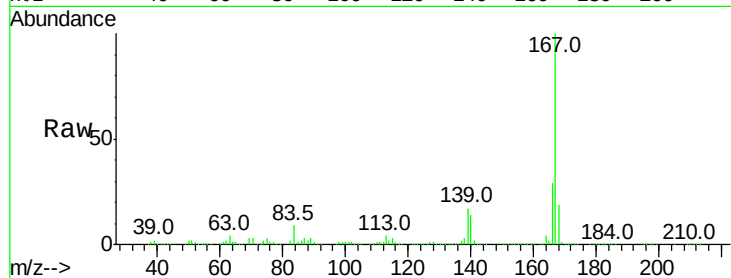
167 100

166 29.4 17.0 25.4#

139 17.4 9.1 13.7#

Manual Integrations
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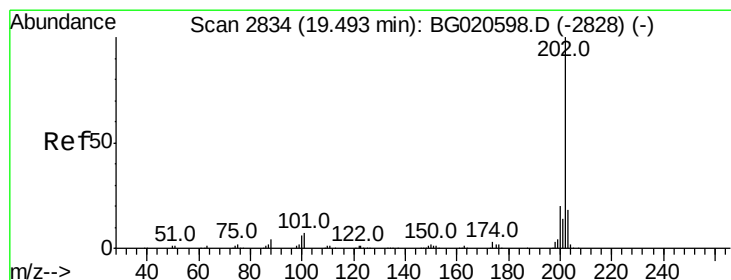
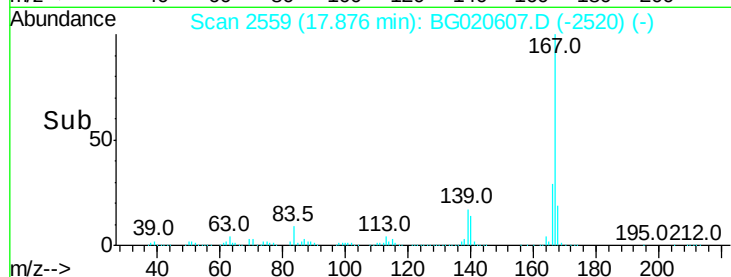
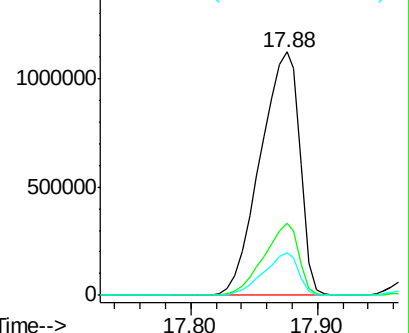
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 33.51 ng/ul

RT: 19.49 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG020607.D

Acq: 30 Dec 2015 13:57

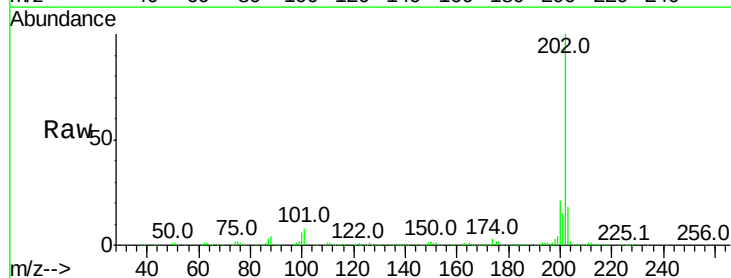
Tgt Ion:202 Resp: 360404

Ion Ratio Lower Upper

202 100

101 8.0 6.1 9.1

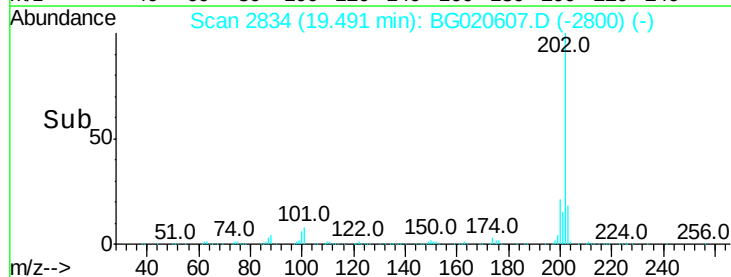
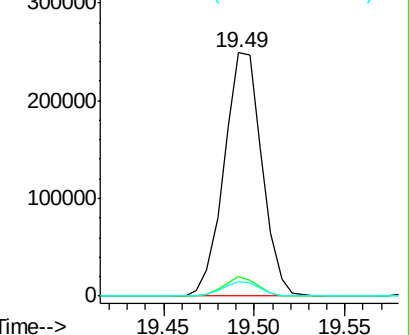
100 5.9 4.6 7.0

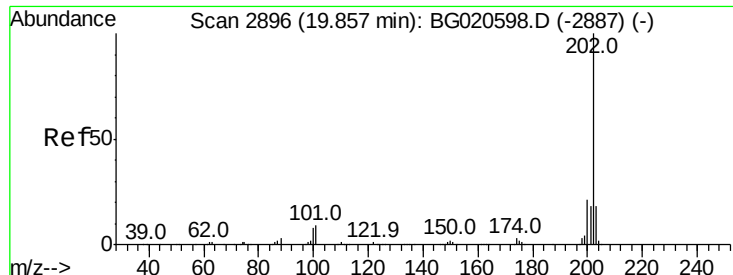


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





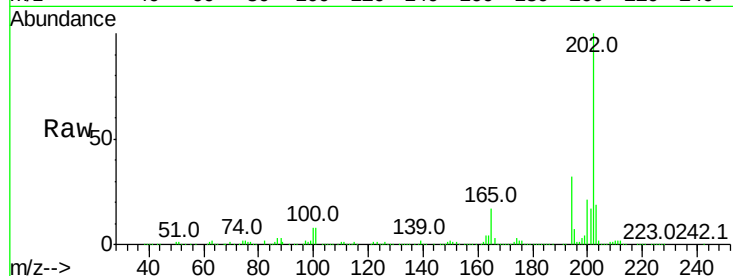
#80
 Pvrene
 Concen: 18.20 ng/ul
 RT: 19.86 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BG020607.D
 Acq: 30 Dec 2015 13:57

Instrument :
 BNA_G
 ClientSampleId :
 D9N54

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	6.9	10.3
100	7.6	5.6	8.4

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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

