

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020516.D
 Acq On : 25 Dec 2015 23:04
 Operator : UM/SJ
 Sample : G4847-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:21 PM

Quant Time: Dec 26 04:53:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	90450	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.71	164	58153	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	138395	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	175673	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	168668	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	260	0.76	ng/uL	0.00
5) Phenol-d5	7.24	99	11521	7.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	31652	35.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	33056	28.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	22562	17.78	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22950	32.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	26593	32.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	45407	29.11	ng/ul	0.02
29) 4-Chloroaniline-d4	11.04	131	4913m	2.76	ng/ul	0.01
44) Dimethylphthalate-d6	14.12	166	161466	33.69	ng/ul	0.01
47) Acenaphthylene-d8	14.41	160	188454	33.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5127	6.42	ng/ul	0.00
58) Fluorene-d10	15.70	176	146509	33.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	26328	28.70	ng/ul	0.01
71) Anthracene-d10	17.56	188	229147	35.35	ng/ul	0.01
79) Pyrene-d10	19.84	212	270850	35.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	316007	37.06	ng/ul	0.00

Target Compounds

						Ovalue
11) 2-Methylphenol	8.52	108	1402	1.15	ng/ul	96
14) Acetophenone	8.91	105	5255	2.58	ng/ul	94
16) 4-Methylphenol	8.85	108	2697m	2.04	ng/ul	
24) 2,4-Dimethylphenol	10.07	107	20110m	11.12	ng/ul	
28) Naphthalene	11.03	128	8967435	1865.02	ng/ul#	45
34) 2-Methylnaphthalene	12.57	142	1574856	442.66	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	440317	98.11	ng/ul	97
48) Acenaphthylene	14.44	152	169333	29.01	ng/ul#	97
50) Acenaphthene	14.80	153	1794317	454.68	ng/ul	92
54) Dibenzofuran	15.12	168	1483819	252.73	ng/ul	92
59) Fluorene	15.77	166	1130356	237.58	ng/ul	99
70) Phenanthrene	17.51	178	1841256m	239.11	ng/ul	
72) Anthracene	17.59	178	122448	15.55	ng/ul	98
75) Carbazole	17.88	167	2141811	322.77	ng/ul#	87
77) Fluoranthene	19.51	202	310327	32.05	ng/ul	98
80) Pyrene	19.86	202	177601	17.88	ng/ul	100

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

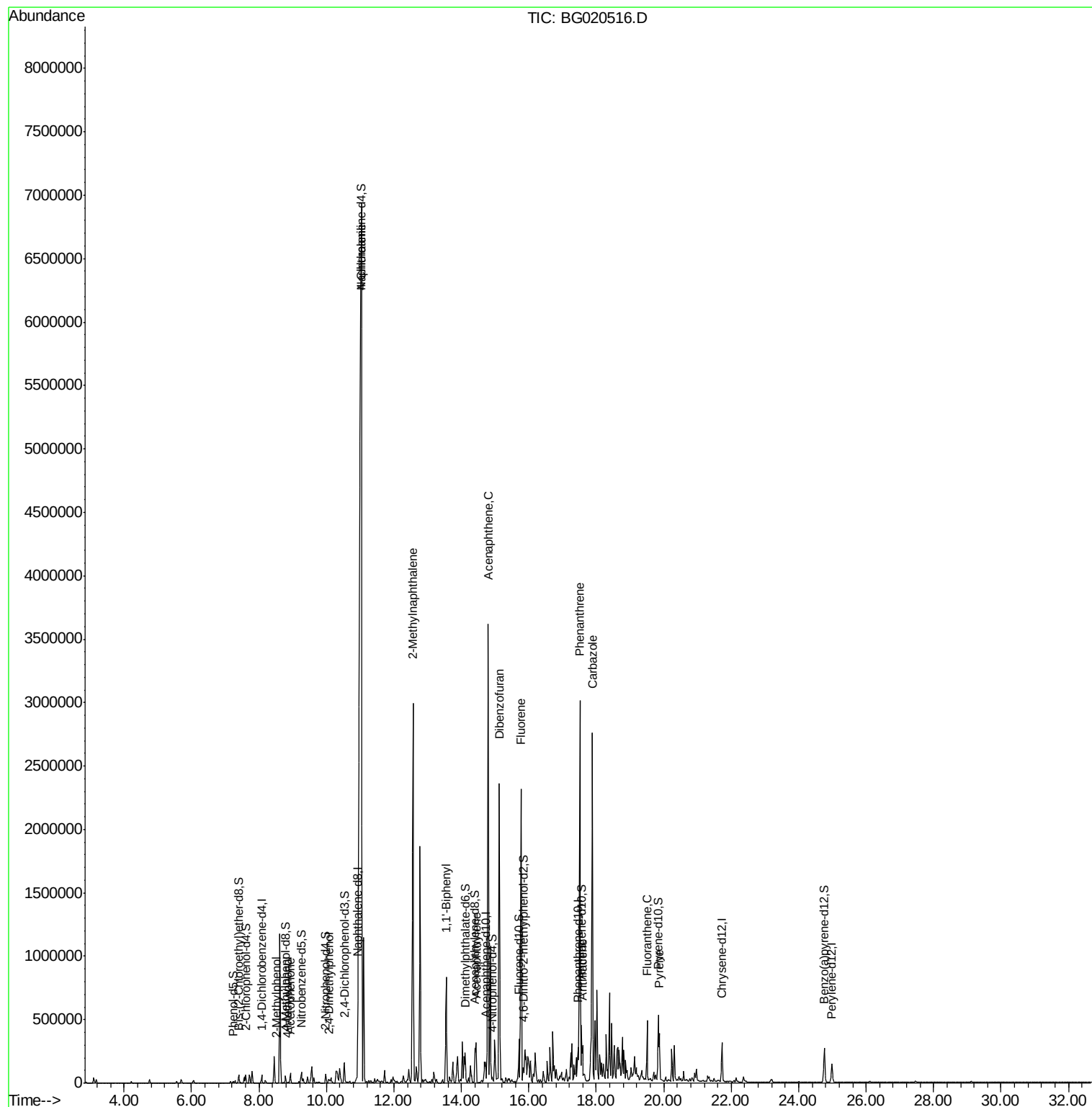
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020516.D
Acq On : 25 Dec 2015 23:04
Operator : UM/SJ
Sample : G4847-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

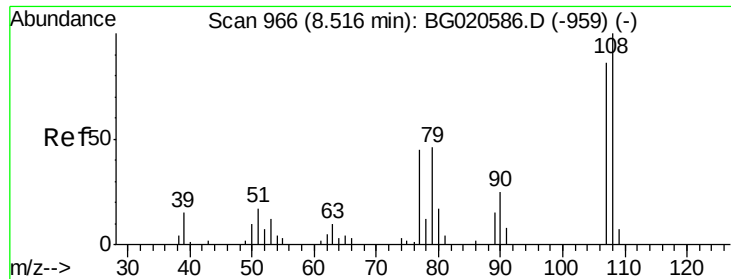
Instrument :
BNA_G
ClientSampleId :
D9N70

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Quant Time: Dec 26 04:53:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
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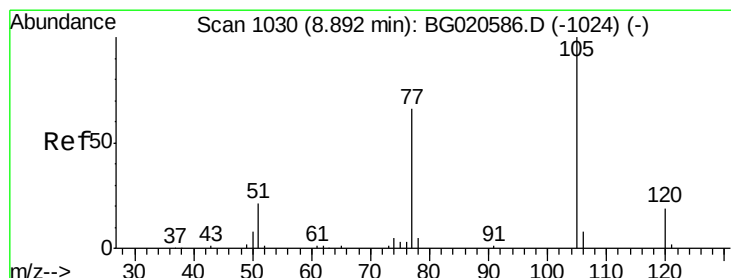
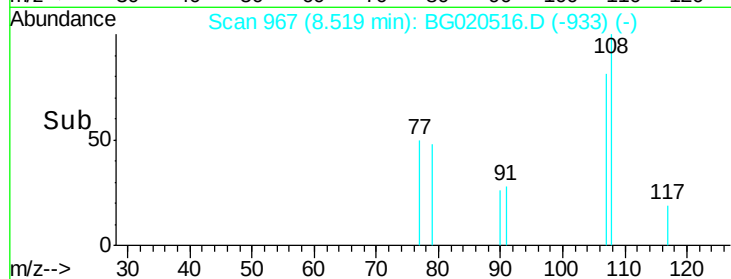
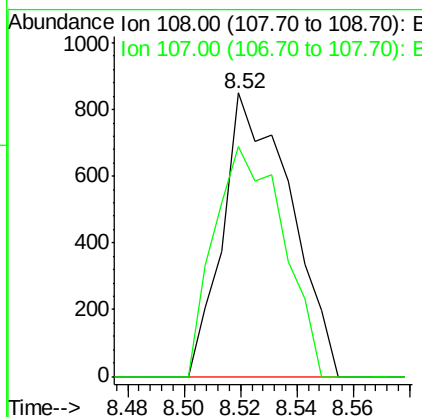
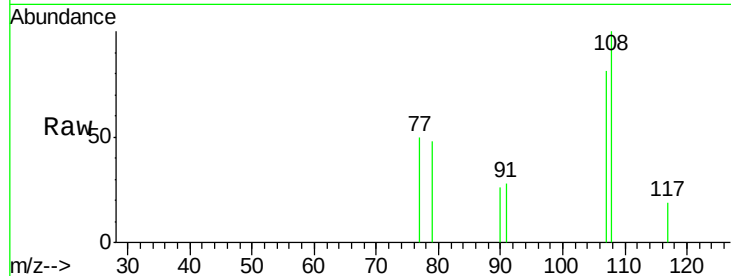
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2-Methylphenol
Concen: 1.15 ng/ul
RT: 8.52 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Instrument :
BNA_G
ClientSampleId :
D9N70

Tot Ion:108 Resp: 1402
Ion Ratio Lower Upper
108 100
107 81.2 67.5 101.3

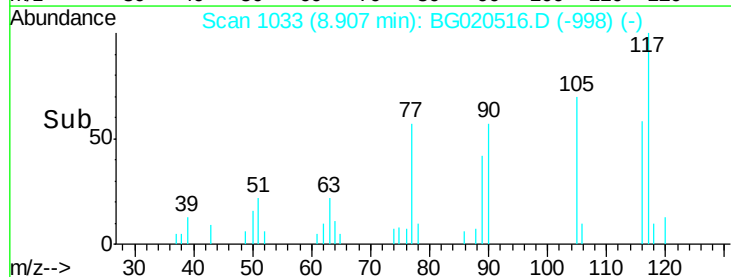
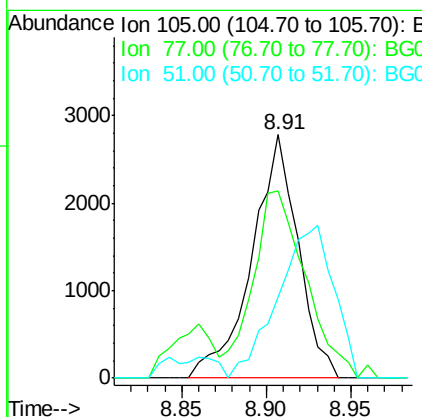
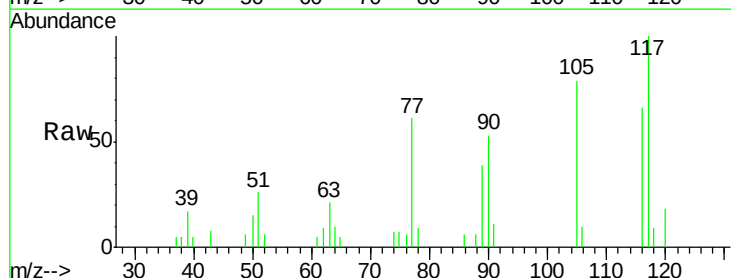
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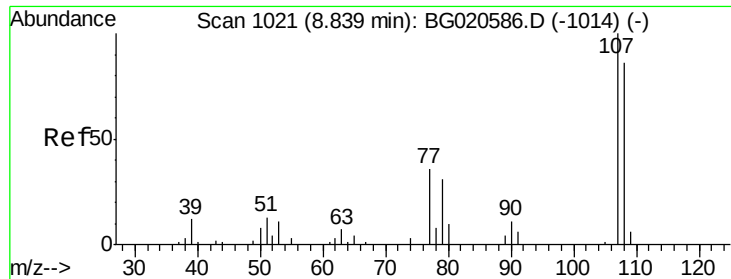
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#14
Acetophenone
Concen: 2.58 ng/ul
RT: 8.91 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Tgt Ion:105 Resp: 5255
Ion Ratio Lower Upper
105 100
77 77.2 65.2 97.8
51 33.4 22.6 33.8





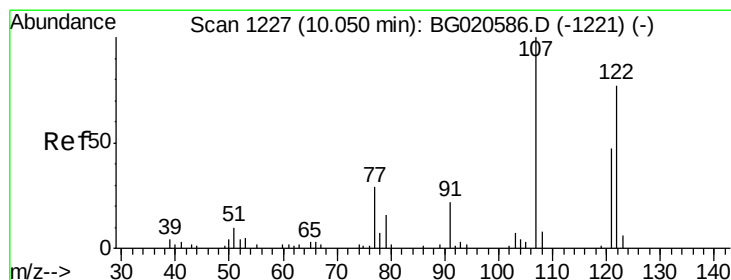
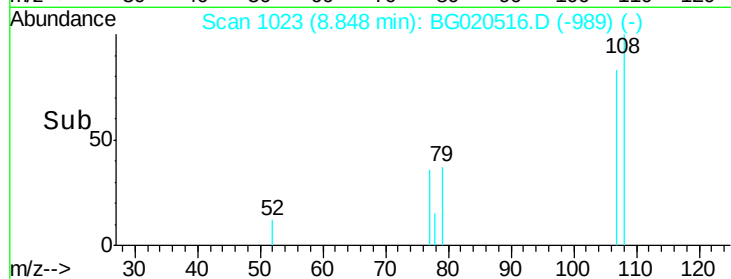
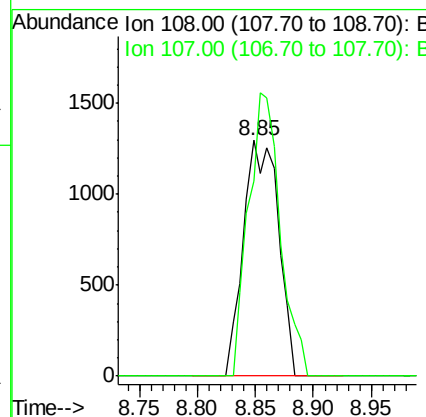
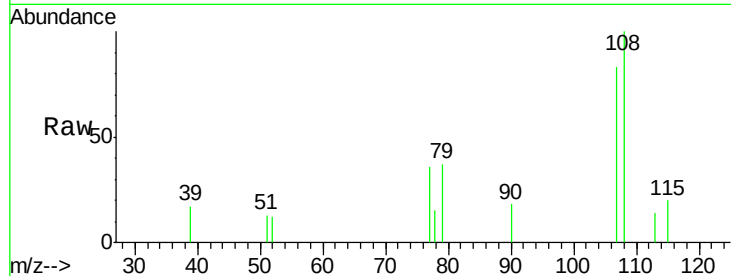
#16
4-Methylphenol
Concen: 2.04 ng/ul m
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Instrument :
BNA_G
ClientSampleId :
D9N70

Tot Ion:108 Resp: 2697
Ion Ratio Lower Upper
108 100
107 82.6 88.9 133.3#

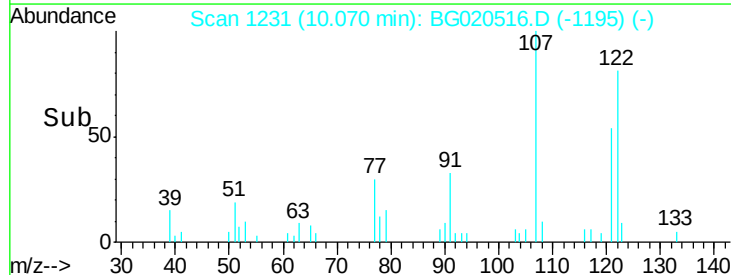
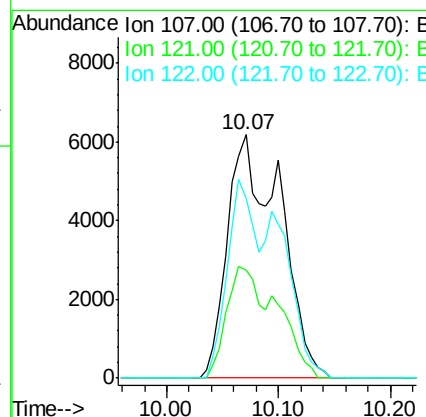
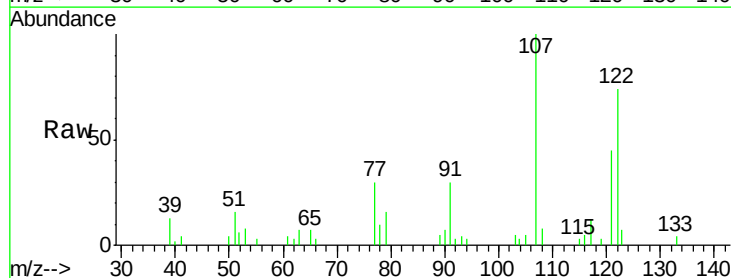
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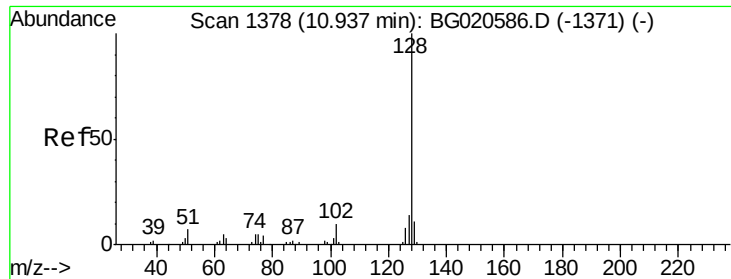
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#24
2,4-Dimethylphenol
Concen: 11.12 ng/ul m
RT: 10.07 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Tgt Ion:107 Resp: 20110
Ion Ratio Lower Upper
107 100
121 44.5 39.0 58.4
122 73.7 62.1 93.1





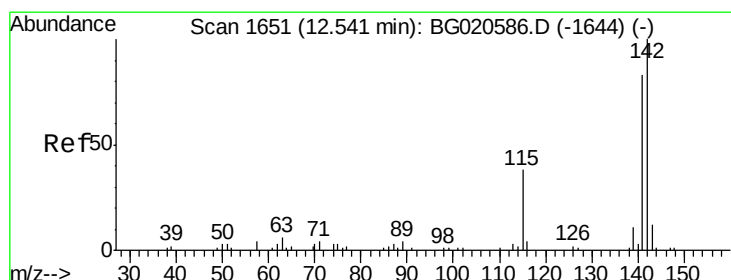
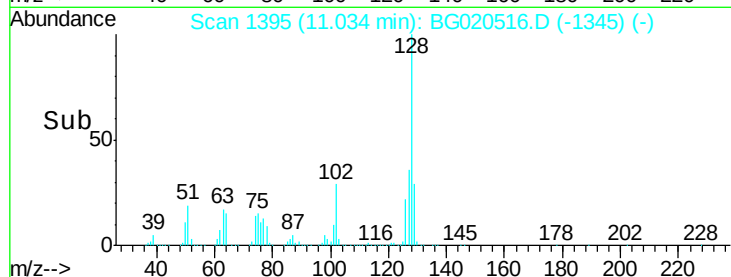
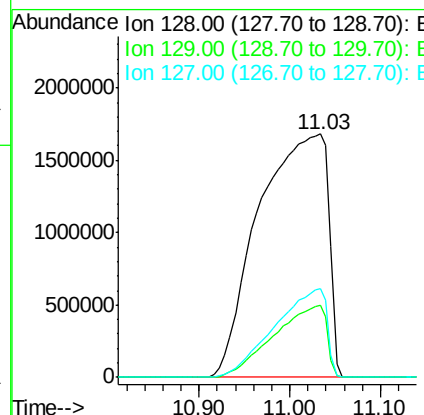
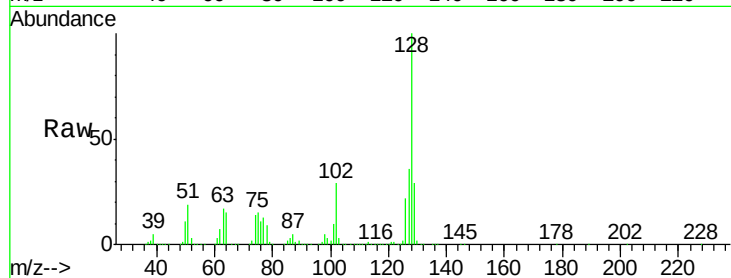
#28
Naphthalene
Concen: 1865.02 ng/ul
RT: 11.03 min Scan# 1395
Delta R.T. 0.09 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Instrument :
BNA_G
ClientSampleId :
D9N70

Tot Ion:128 Resp: 8967435
Ion Ratio Lower Upper
128 100
129 29.4 8.6 12.8#
127 36.4 10.1 15.1#

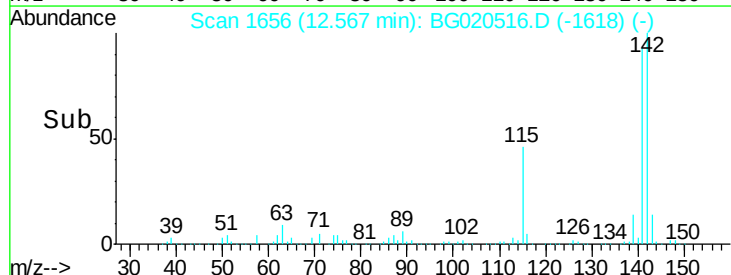
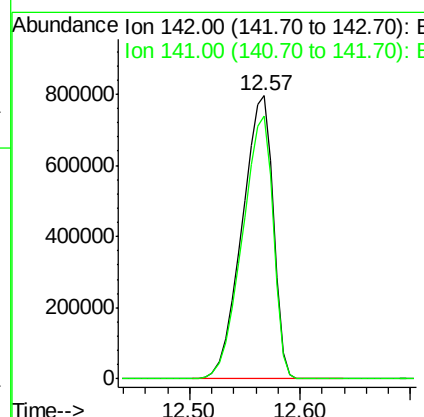
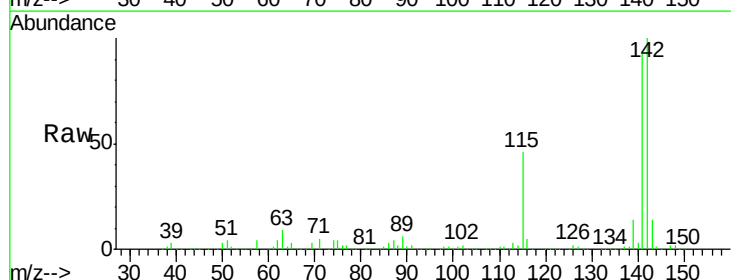
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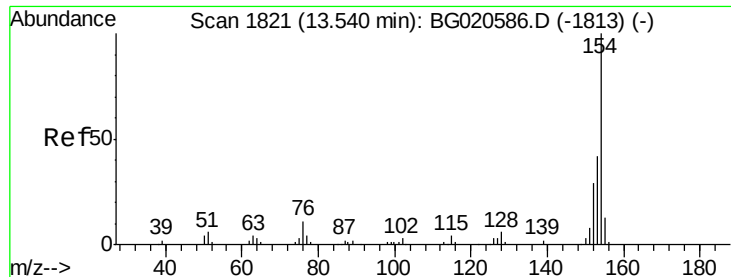
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#34
2-Methylnaphthalene
Concen: 442.66 ng/ul
RT: 12.57 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Tgt Ion:142 Resp: 1574856
Ion Ratio Lower Upper
142 100
141 93.0 74.9 112.3





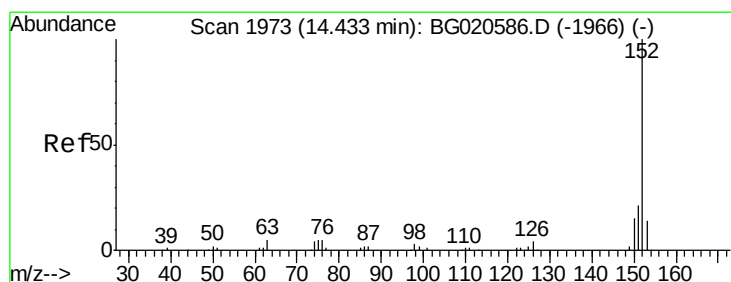
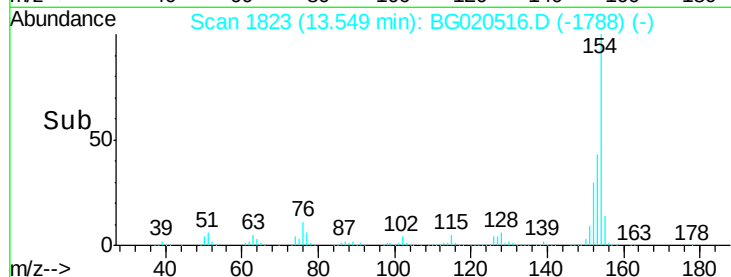
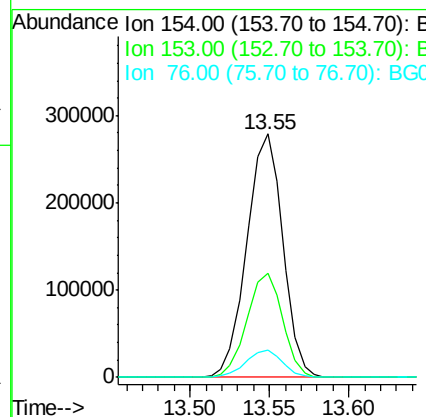
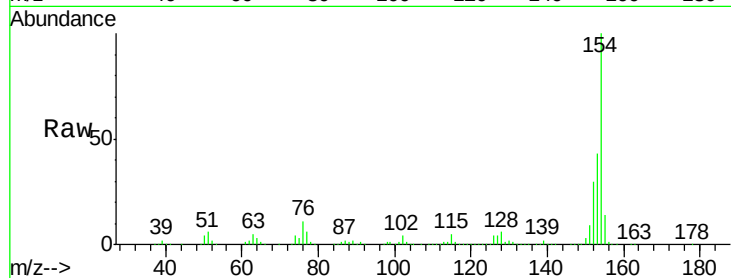
#41
 1,1'-Biphenyl
 Concen: 98.11 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020516.D
 Acq: 25 Dec 2015 23:04

Instrument :
 BNA_G
 ClientSampleId :
 D9N70

Tot Ion:	154	Resp:	440317
Ion Ratio		Lower	Upper
154	100		
153	42.5	35.5	53.3
76	11.0	10.4	15.6

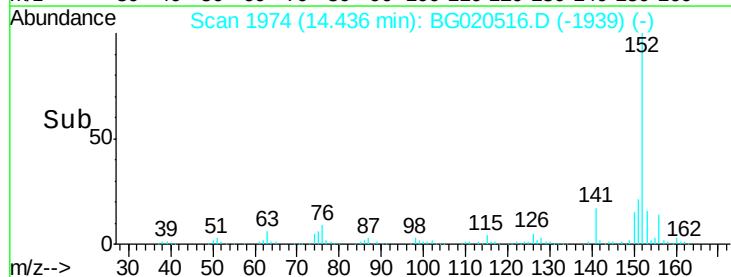
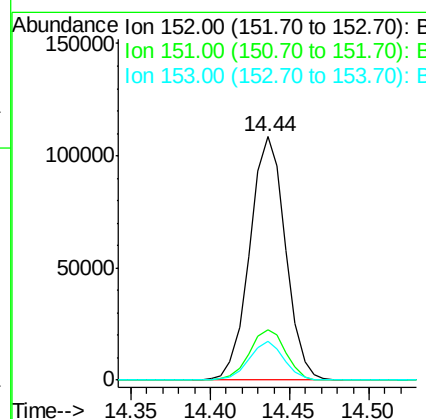
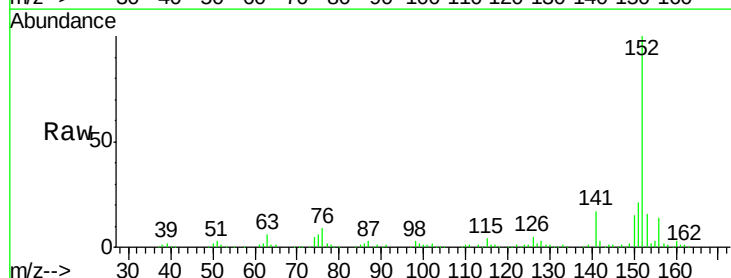
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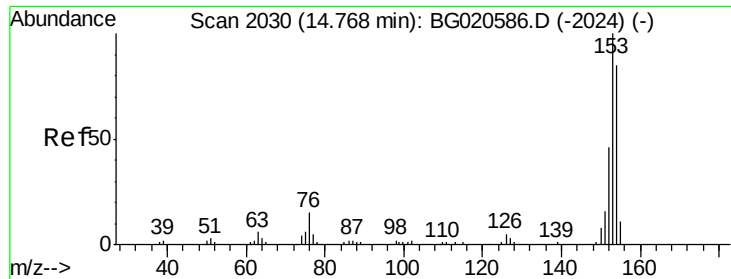
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#48
 Acenaphthylene
 Concen: 29.01 ng/ul
 RT: 14.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: BG020516.D
 Acq: 25 Dec 2015 23:04

Tgt Ion:	152	Resp:	169333
Ion Ratio		Lower	Upper
152	100		
151	20.9	16.4	24.6
153	16.0	10.4	15.6#





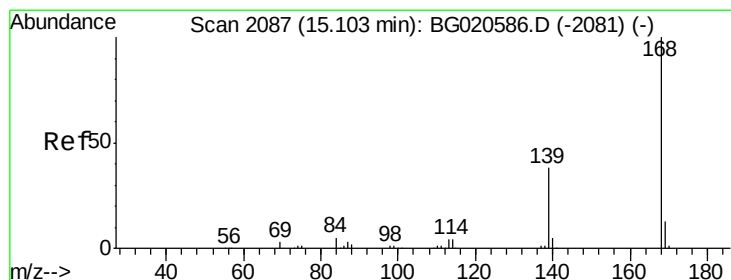
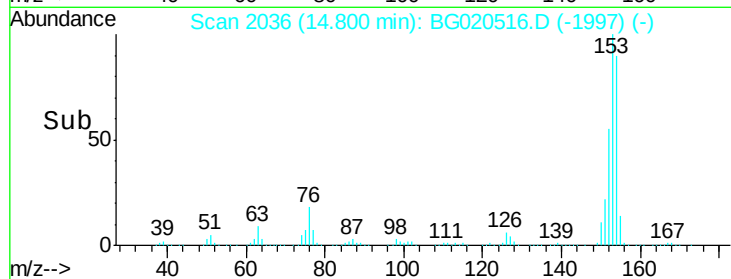
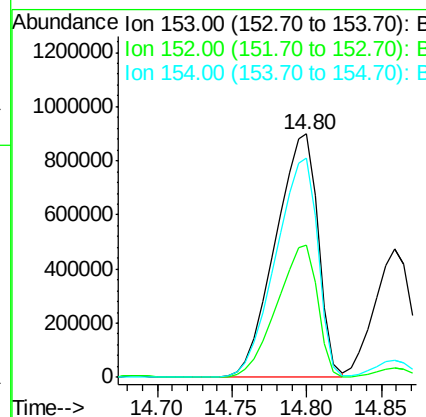
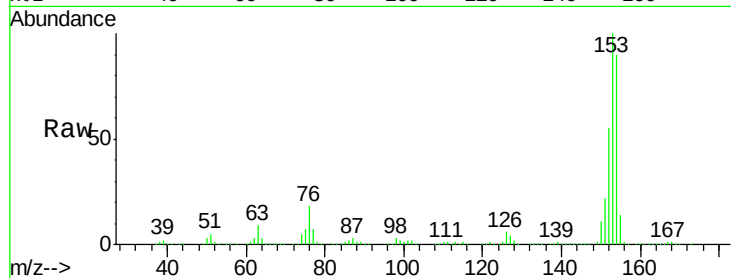
#50
Acenaphthene
Concen: 454.68 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. 0.03 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Instrument :
BNA_G
ClientSampleId :
D9N70

Tot Ion	Ratio	Lower	Upper
153	100		
152	54.5	37.6	56.4
154	90.1	67.9	101.9

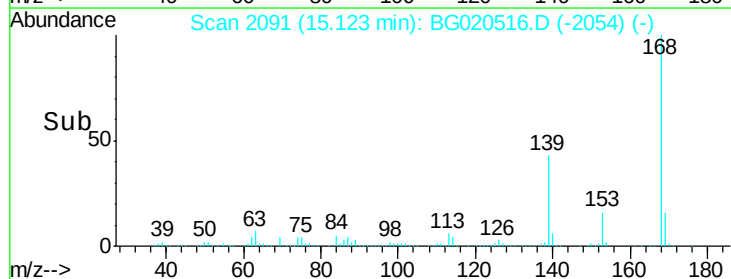
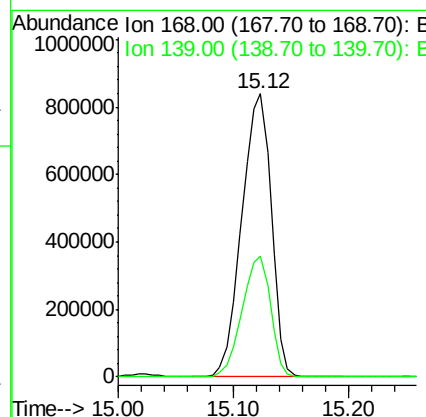
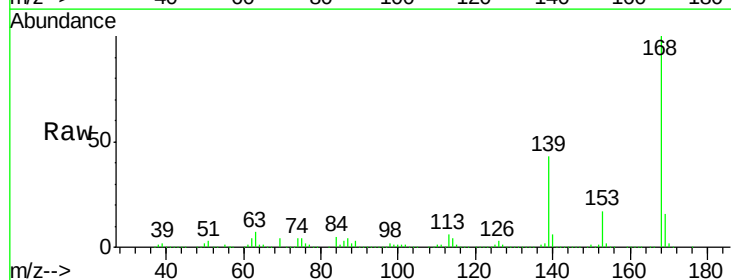
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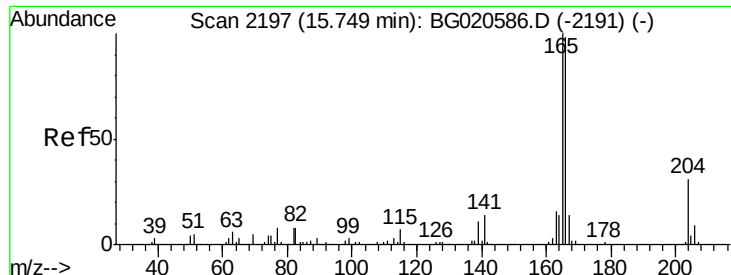
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#54
Dibenzofuran
Concen: 252.73 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. 0.02 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.8	30.5	45.7





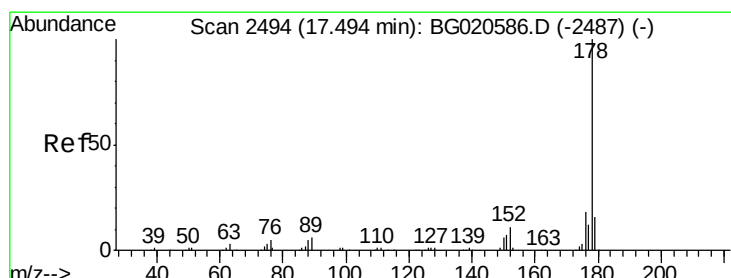
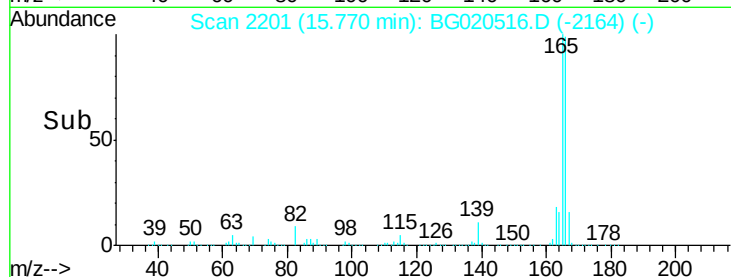
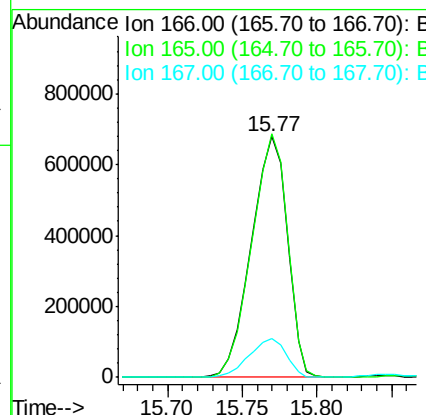
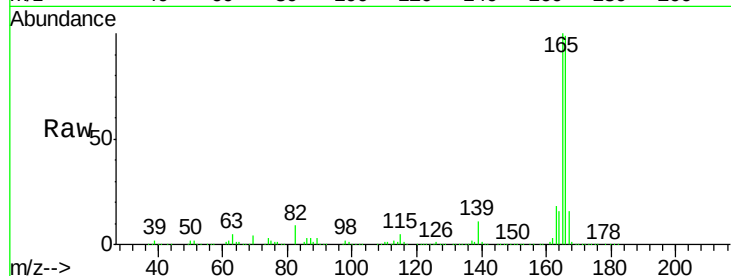
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 Fluorene
 Concen: 237.58 ng/ul
 RT: 15.77 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BG020516.D
 Acq: 25 Dec 2015 23:04

Instrument :
 BNA_G
 ClientSampleId :
 D9N70

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	81.4	122.0
167	16.3	11.2	16.8

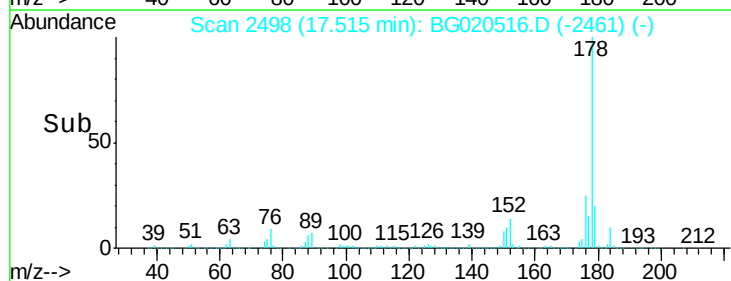
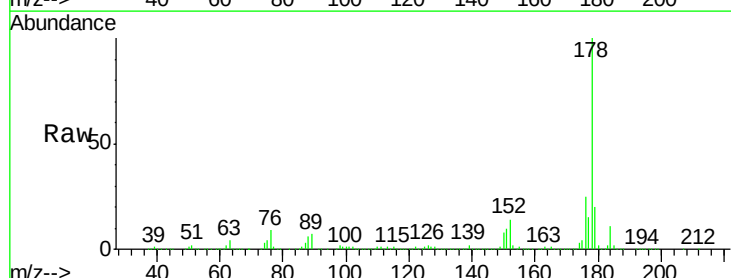
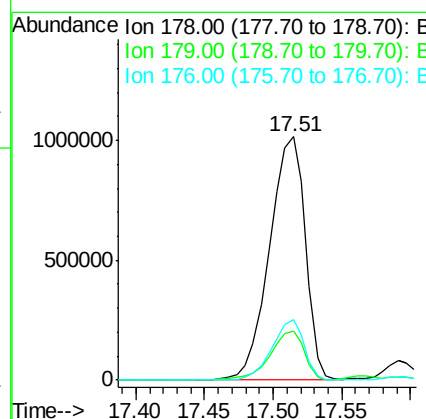
Manual Integrations
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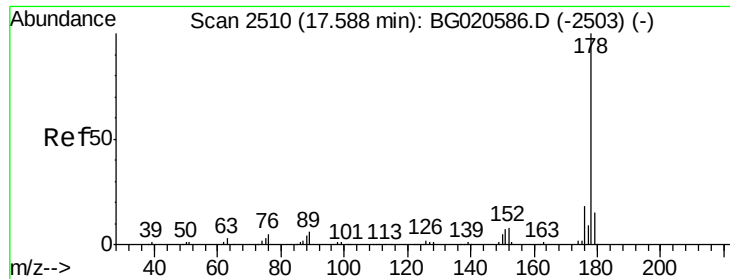
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#70
 Phenanthrene
 Concen: 239.11 ng/ul m
 RT: 17.51 min Scan# 2498
 Delta R.T. 0.02 min
 Lab File: BG020516.D
 Acq: 25 Dec 2015 23:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.9	19.3#
176	24.8	15.3	22.9#





#72

Anthracene

Concen: 15.55 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG020516.D

Acq: 25 Dec 2015 23:04

Instrument :

BNA_G

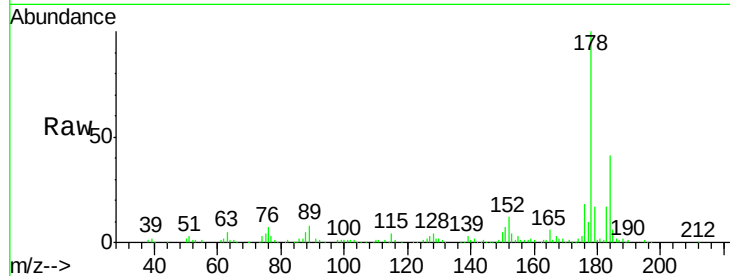
ClientSampleId :

D9N70

Tot Ion:	178	Resp:	122448
Ion Ratio	Lower	Upper	
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176	17.9	14.3	21.5

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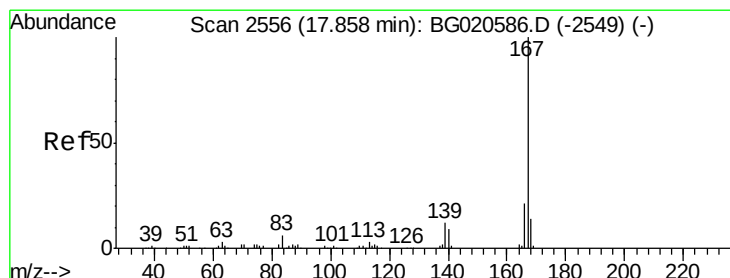
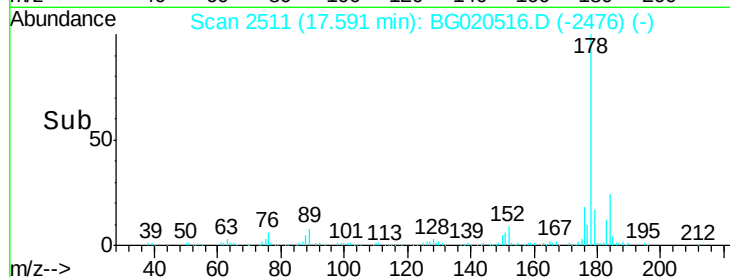
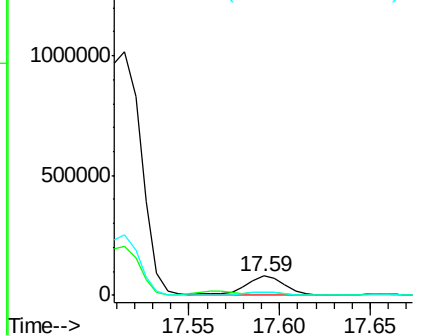
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 322.77 ng/ul

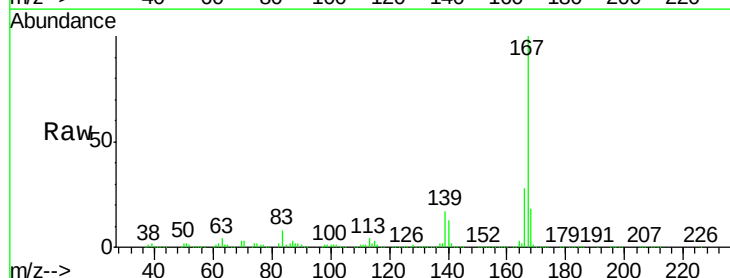
RT: 17.88 min Scan# 2561

Delta R.T. 0.03 min

Lab File: BG020516.D

Acq: 25 Dec 2015 23:04

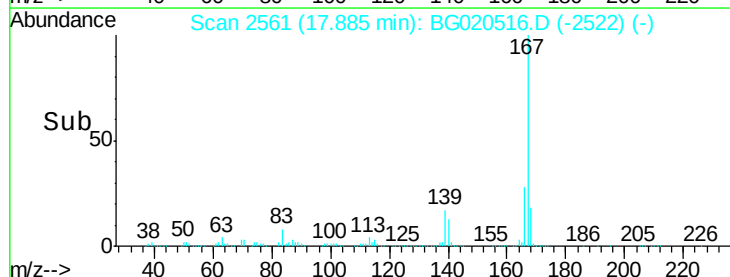
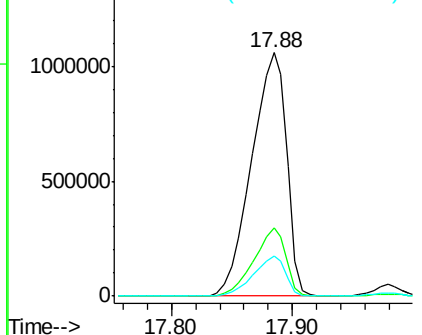
Tgt Ion:	167	Resp:	2141811
Ion Ratio	Lower	Upper	
167	100		
166	27.9	17.0	25.6#
139	16.7	10.1	15.1#

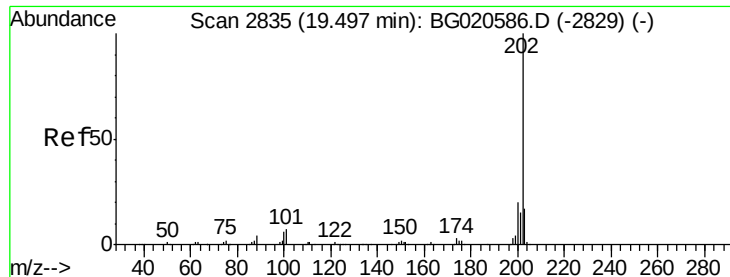


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





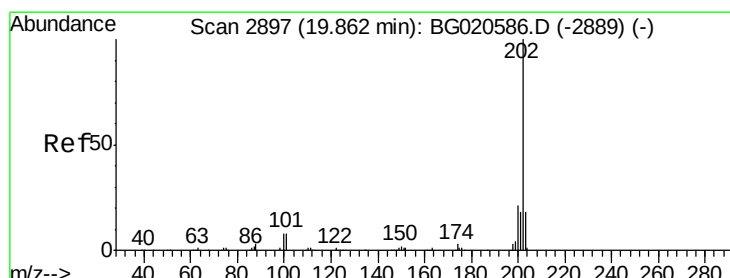
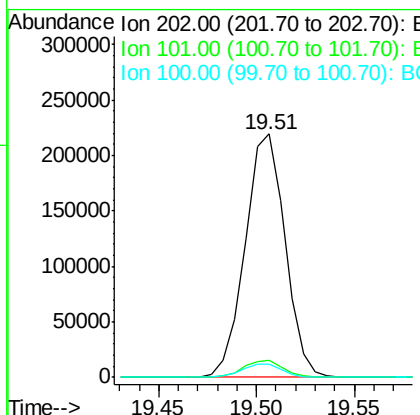
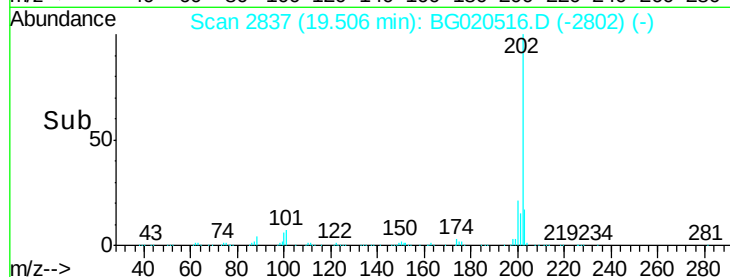
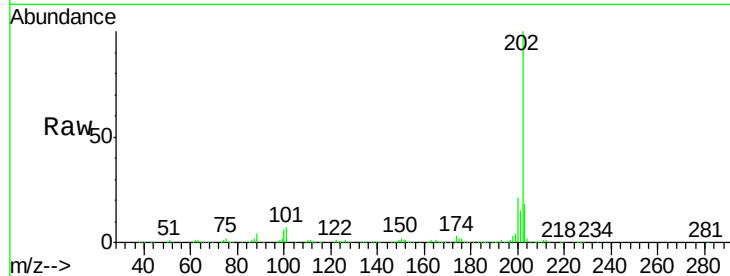
#77
Fluoranthene
Concen: 32.05 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Instrument :
BNA_G
ClientSampled :
D9N70

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.0	6.2	9.4	
100	5.6	5.1	7.7	

Manual Integrations
APPROVED

Sohil
12/28/2015 6:06:21 PM



#80
Pyrene
Concen: 17.88 ng/ul
RT: 19.86 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG020516.D
Acq: 25 Dec 2015 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.6	7.0	10.4	
100	7.8	6.4	9.6	

