

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121016\
 Data File : BG025105.D
 Acq On : 11 Dec 2016 16:11
 Operator : UM/SJ
 Sample : H5905-01 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA803

Manual Integrations
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Sohil
 12/12/2016 7:03:05 PM

Quant Time: Dec 16 09:56:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	102278	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	429878	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.88	164	364559	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.62	188	554300	20.00	ng/ul	0.01
75) Chrysene-d12	21.91	240	739161	20.00	ng/ul	0.02
83) Perylene-d12	25.36	264	754363	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4678	2.36	ng/uL	0.00
5) Phenol-d5	7.39	99	43018	4.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	39067	7.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	29696	4.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	34491	4.68	ng/ul	0.01
19) Nitrobenzene-d5	9.43	128	31731	10.42	ng/ul	0.01
22) 2-Nitrophenol-d4	10.15	143	18195	4.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	34833	4.77	ng/ul	0.02
29) 4-Chloroaniline-d4	11.23	131	232277m	32.38	ng/ul	0.03
43) Dimethylphthalate-d6	14.30	166	139001m	5.54	ng/ul	0.05
46) Acenaphthylene-d8	14.58	160	171218	6.23	ng/ul	0.03
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.86	176	836991m	35.46	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.72	188	160640	6.87	ng/ul	0.02
76) Pyrene-d10	19.99	212	145780	4.79	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.11	264	153296	5.02	ng/ul	0.05

Target Compounds

						Qvalue
6) Phenol	7.42	94	741023	81.82	ng/ul	97
11) 2-Methylphenol	8.69	108	2425736	363.77	ng/ul	97
16) 4-Methylphenol	9.05	108	5331016	718.61	ng/ul	89
24) 2,4-Dimethylphenol	10.26	107	8561913m	972.57	ng/ul	
28) Naphthalene	11.13	128	3255158	162.90	ng/ul#	92
34) 2-Methylnaphthalene	12.73	142	4067112	257.91	ng/ul	88
40) 1,1'-Biphenyl	13.71	154	1218928	55.15	ng/ul	99
49) Acenaphthene	14.94	153	375228	20.51	ng/ul#	83
53) Dibenzofuran	15.28	168	1091176	37.71	ng/ul	91
58) Fluorene	15.93	166	1320931	56.08	ng/ul#	94
69) Phenanthrene	17.66	178	1122159	42.42	ng/ul#	94
71) Anthracene	17.75	178	289380	10.64	ng/ul#	86
72) Carbazole	18.03	167	128074	5.64	ng/ul#	49
74) Fluoranthene	19.66	202	291743	9.28	ng/ul#	88
77) Pyrene	20.02	202	373913	10.52	ng/ul#	97

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

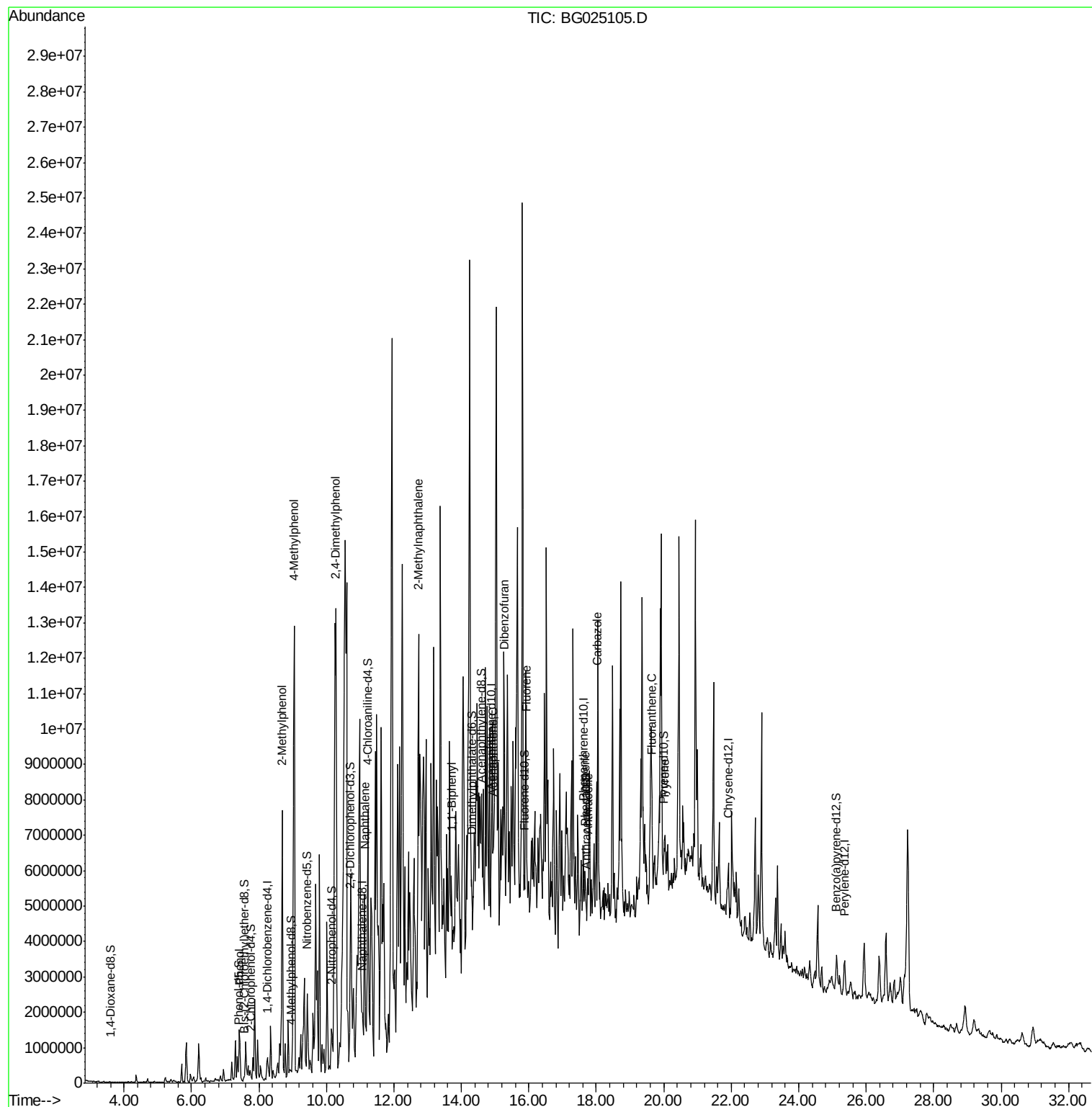
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121016\
Data File : BG025105.D
Acq On : 11 Dec 2016 16:11
Operator : UM/SJ
Sample : H5905-01 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

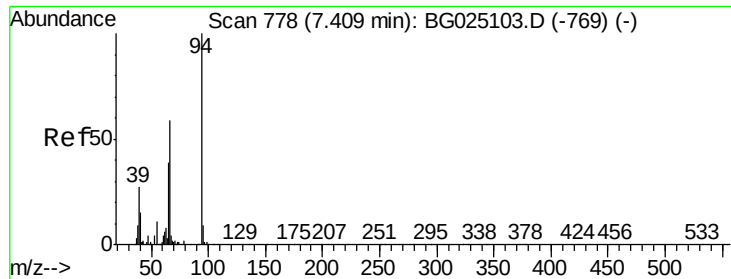
Instrument :
BNA_G
ClientSampled :
DA803

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Quant Time: Dec 16 09:56:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration





#6

Phenol

Concen: 81.82 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

Instrument :

BNA_G

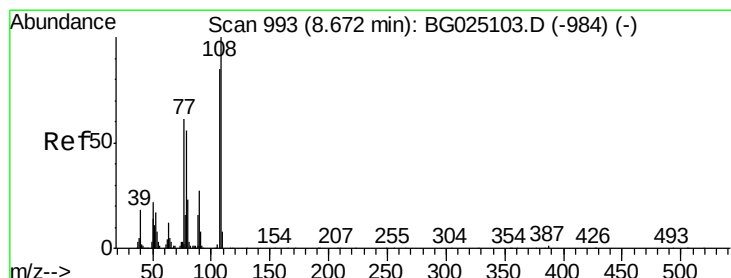
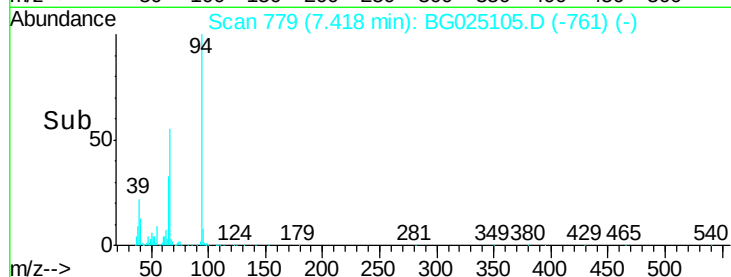
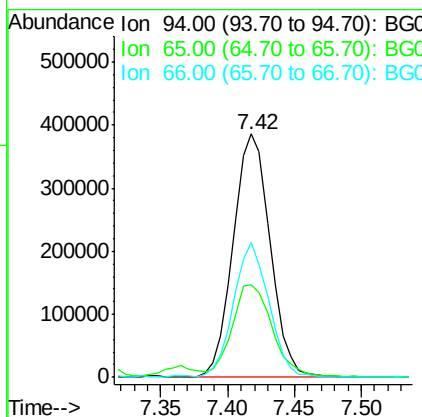
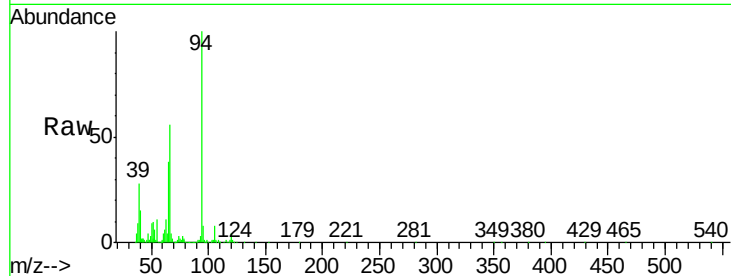
ClientSampleId :

DA803

Tgt Ion:	94	Resp:	741023
Ion Ratio	Lower	Upper	
94	100		
65	38.1	26.8	40.2
66	55.6	44.4	66.6

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#11

2-Methylphenol

Concen: 363.77 ng/ul

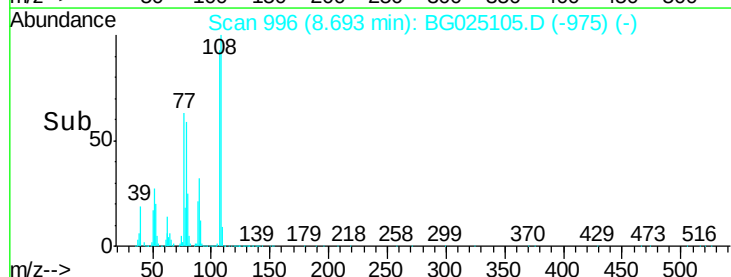
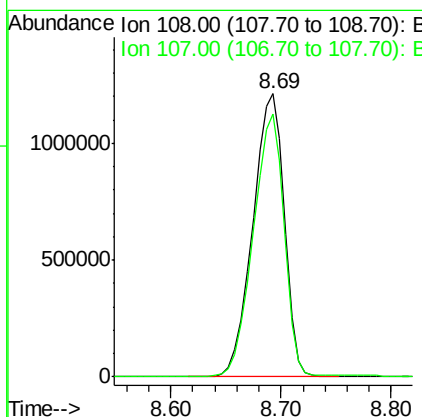
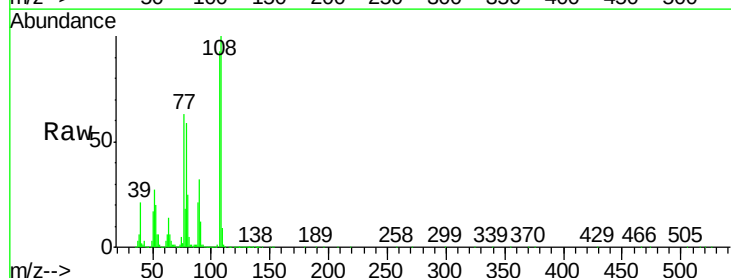
RT: 8.69 min Scan# 996

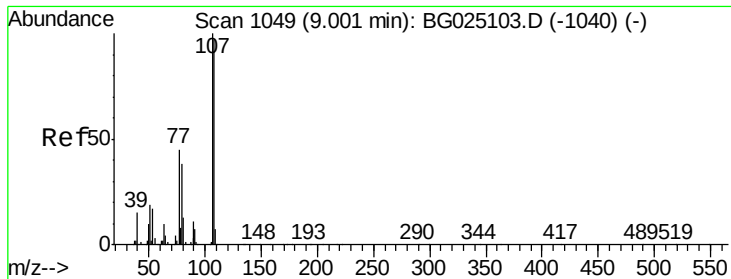
Delta R.T. 0.02 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

Tgt Ion:	108	Resp:	2425736
Ion Ratio	Lower	Upper	
108	100		
107	92.7	76.7	115.1





#16

4-Methylphenol

Concen: 718.61 ng/ul

RT: 9.05 min Scan# 1057

Delta R.T. 0.05 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

Instrument :

BNA_G

ClientSampleId :

DA803

Tgt Ion:108 Resp: 5331016

Ion Ratio Lower Upper

108 100

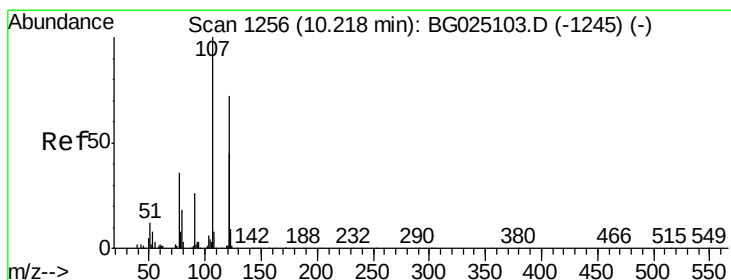
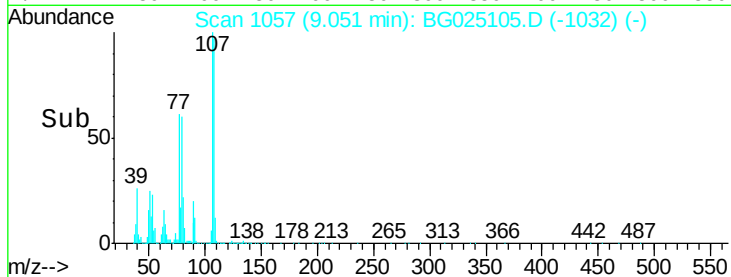
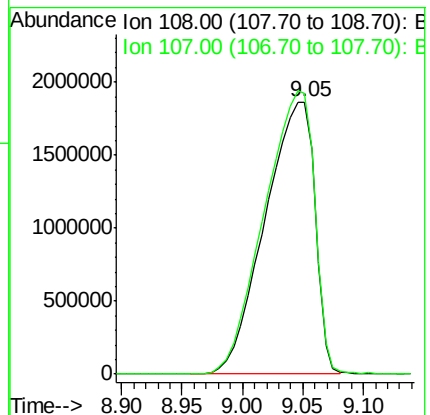
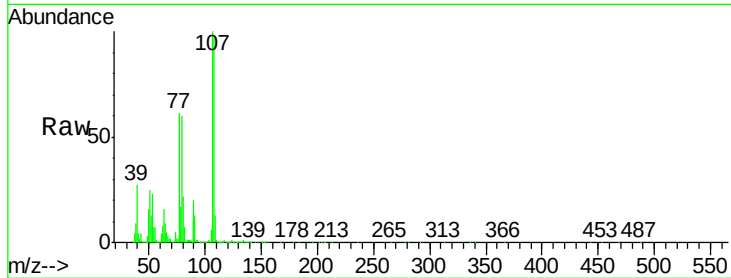
107 103.2 91.7 137.5

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#24

2,4-Dimethylphenol

Concen: 972.57 ng/ul m

RT: 10.26 min Scan# 1263

Delta R.T. 0.04 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

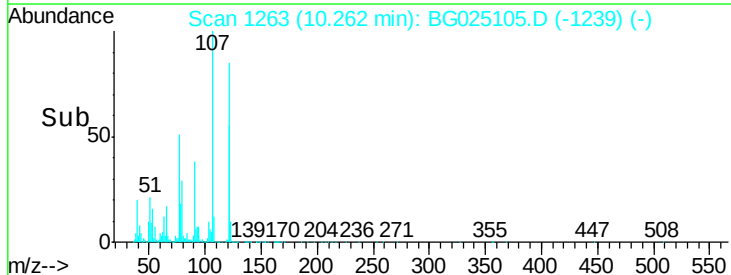
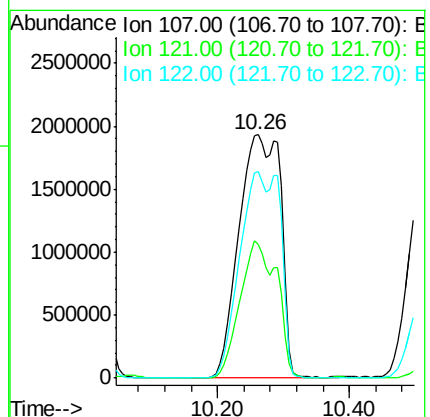
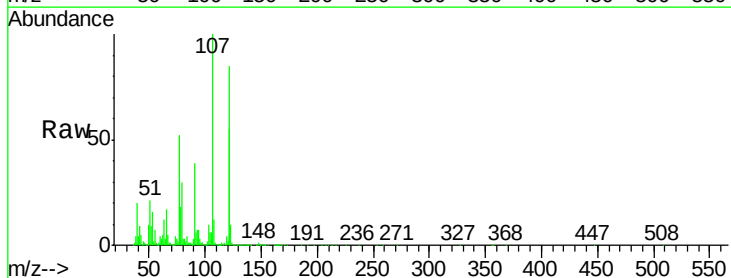
Tgt Ion:107 Resp: 8561913

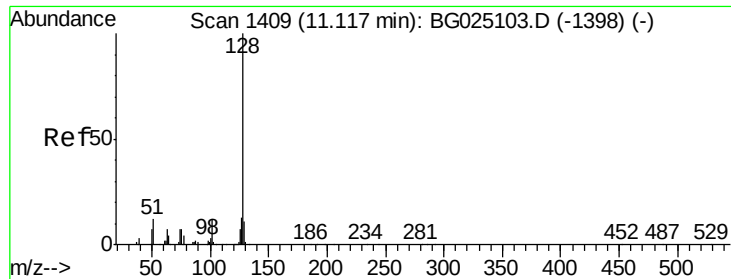
Ion Ratio Lower Upper

107 100

121 55.0 32.3 48.5#

122 84.6 61.2 91.8





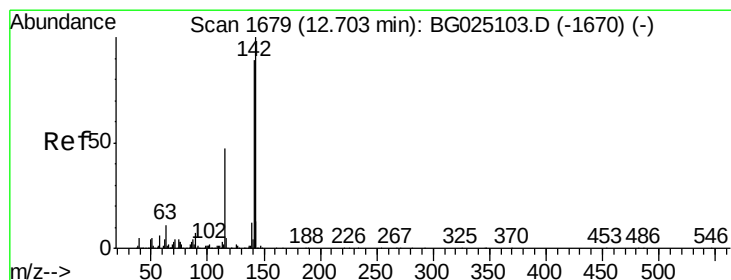
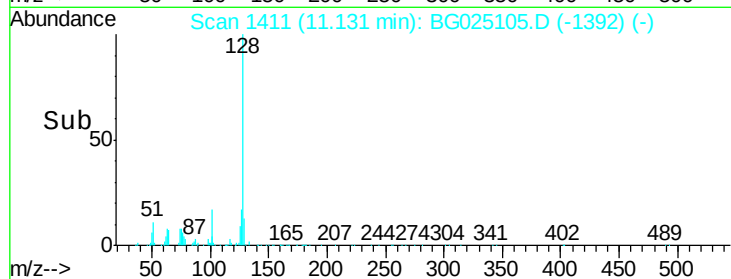
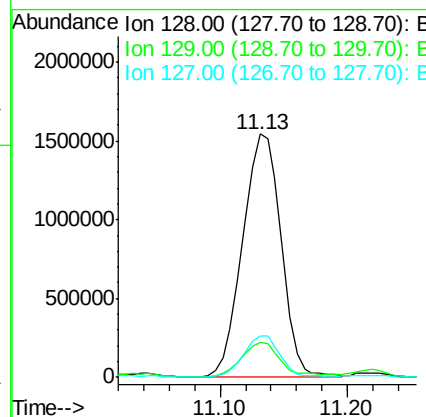
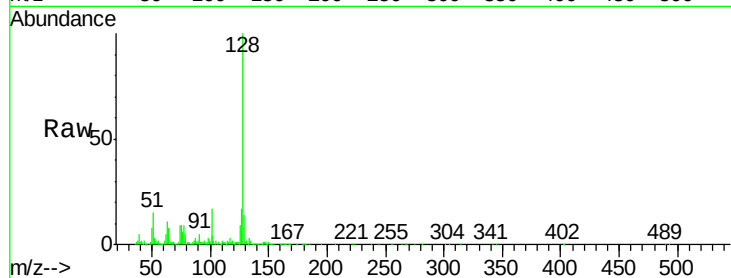
#28
Naphthalene
Concen: 162.90 ng/ul
RT: 11.13 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BG025105.D
Acq: 11 Dec 2016 16:11

Instrument :
BNA_G
ClientSampleId :
DA803

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.4	14.2
127	17.1	10.3	15.5#

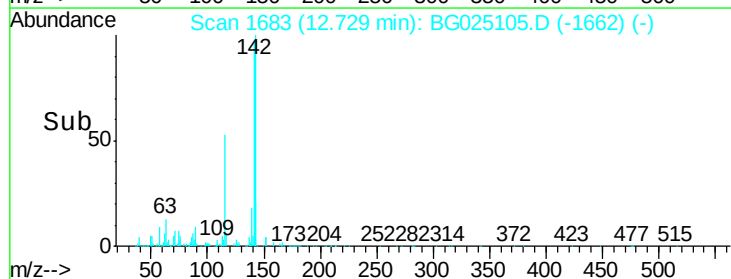
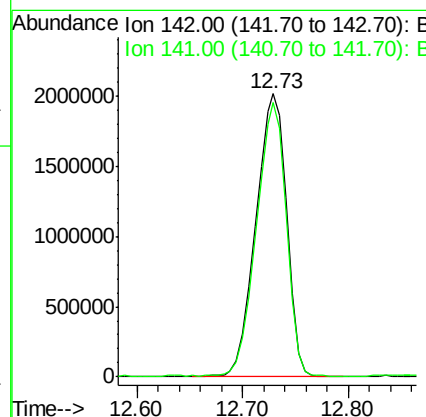
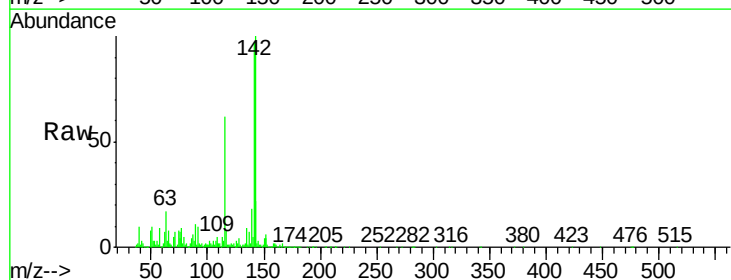
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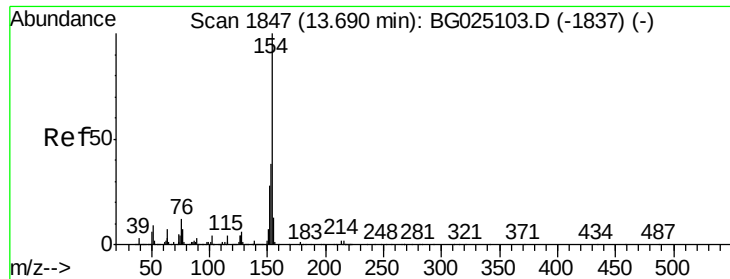
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#34
2-Methylnaphthalene
Concen: 257.91 ng/ul
RT: 12.73 min Scan# 1683
Delta R.T. 0.03 min
Lab File: BG025105.D
Acq: 11 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	68.6	102.8





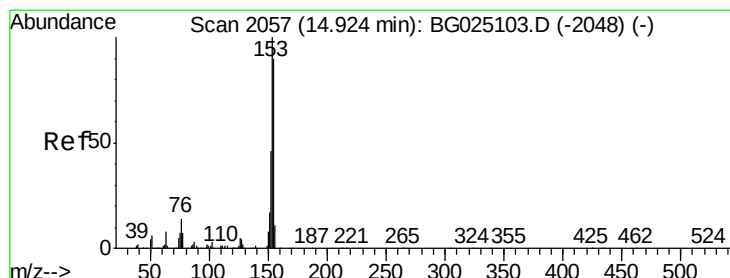
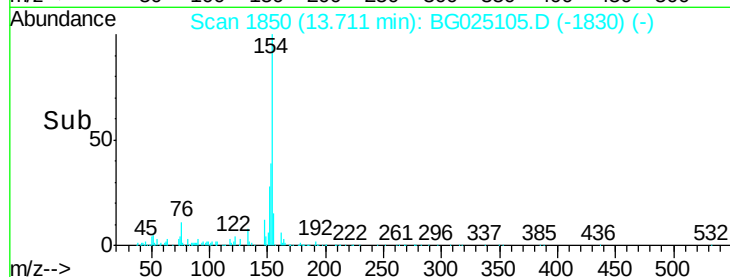
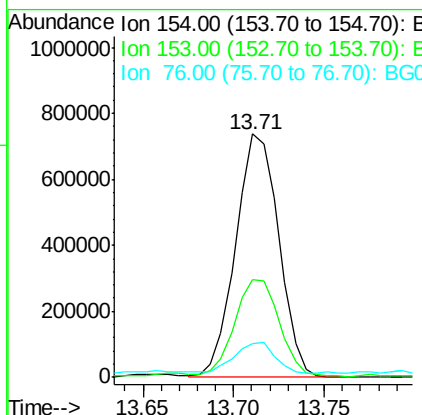
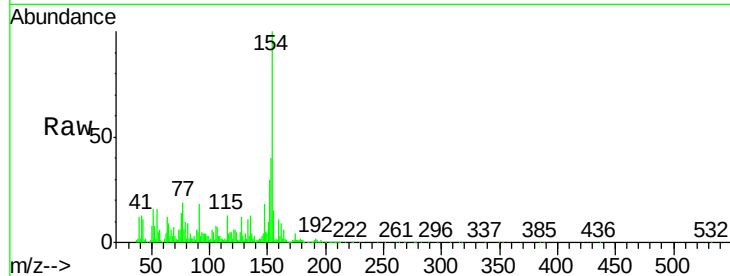
#40
1,1'-Biphenyl
Concen: 55.15 ng/ul
RT: 13.71 min Scan# 1850
Delta R.T. 0.02 min
Lab File: BG025105.D
Acq: 11 Dec 2016 16:11

Instrument :
BNA_G
ClientSampleId :
DA803

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.2	48.2
76	13.9	9.6	14.4

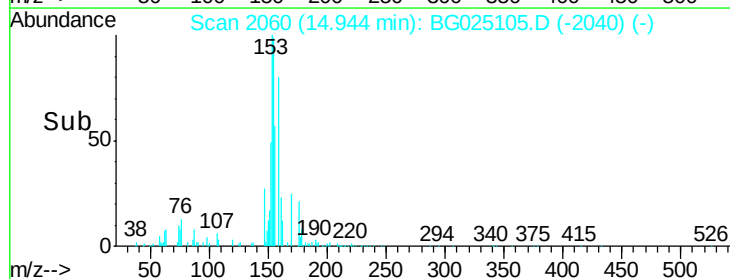
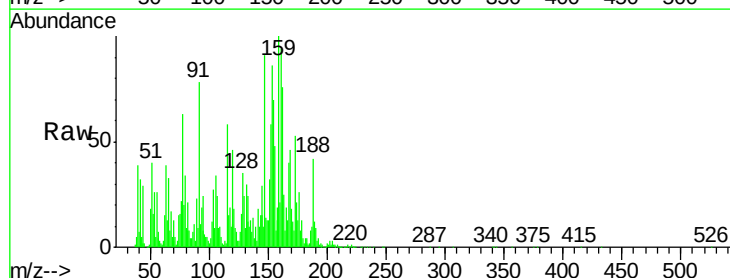
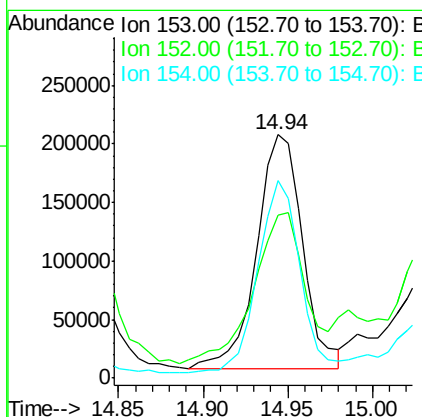
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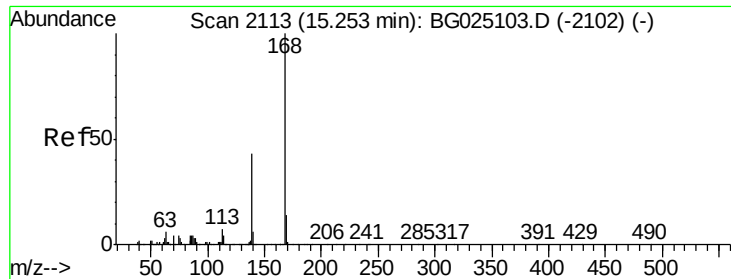
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#49
Acenaphthene
Concen: 20.51 ng/ul
RT: 14.94 min Scan# 2060
Delta R.T. 0.02 min
Lab File: BG025105.D
Acq: 11 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
153	100		
152	67.2	36.5	54.7#
154	81.2	72.3	108.5





#53

Dibenzenofuran

Concen: 37.71 ng/ul

RT: 15.28 min Scan# 2117

Delta R.T. 0.03 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

Instrument :

BNA_G

ClientSampleId :

DA803

Tgt Ion:168 Resp: 1091176

Ion Ratio Lower Upper

168 100

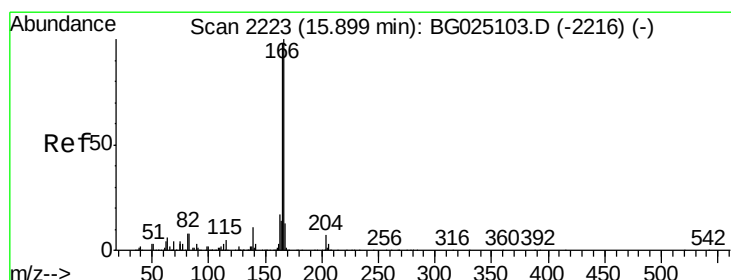
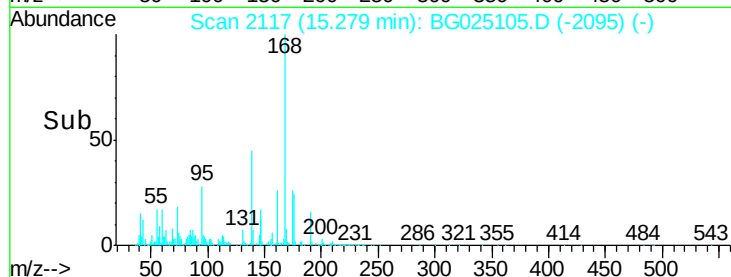
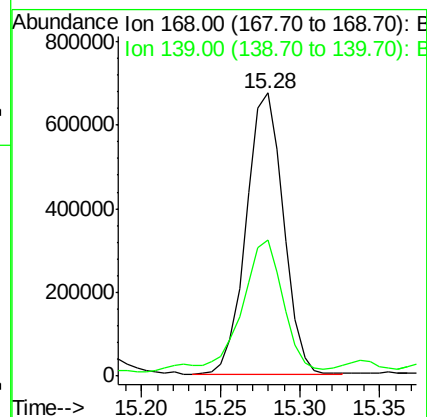
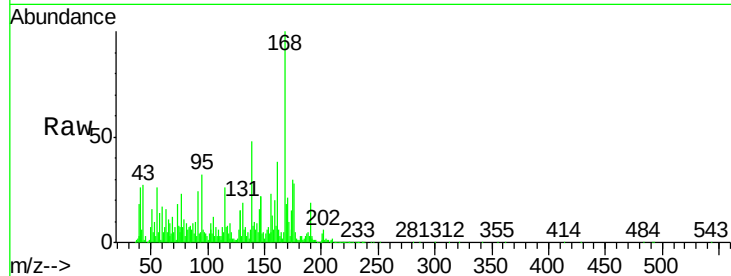
139 48.0 33.8 50.8

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#58

Fluorene

Concen: 56.08 ng/ul

RT: 15.93 min Scan# 2227

Delta R.T. 0.03 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

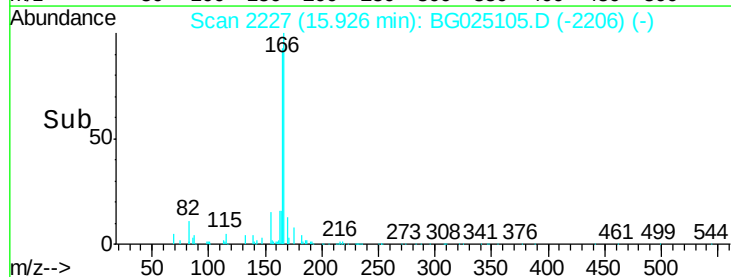
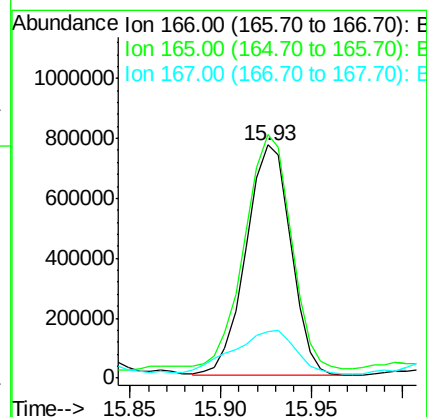
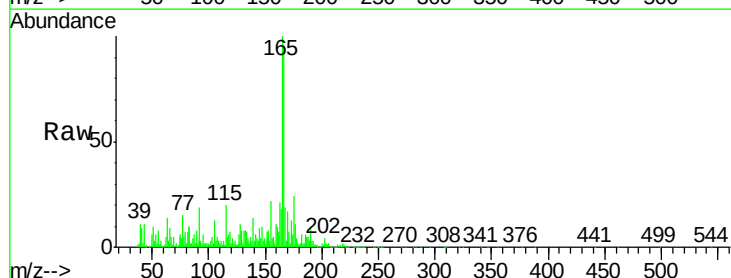
Tgt Ion:166 Resp: 1320931

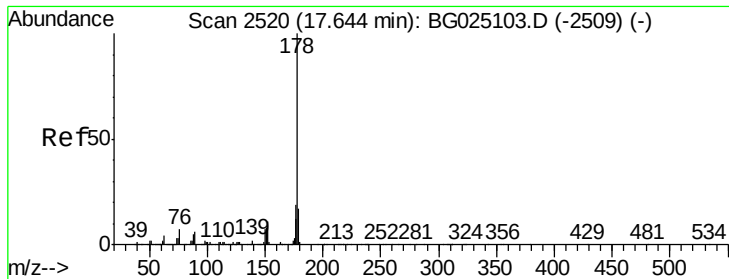
Ion Ratio Lower Upper

166 100

165 104.5 79.7 119.5

167 20.0 11.4 17.2#





#69

Phenanthrene

Concen: 42.42 ng/ul

RT: 17.66 min Scan# 2523

Delta R.T. 0.02 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

Instrument :

BNA_G

ClientSampleId :

DA803

Tgt Ion:178 Resp: 1122159

Ion Ratio Lower Upper

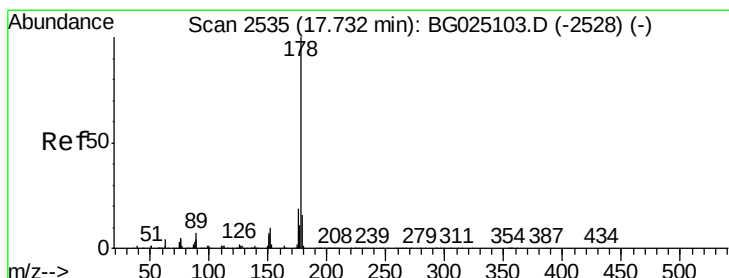
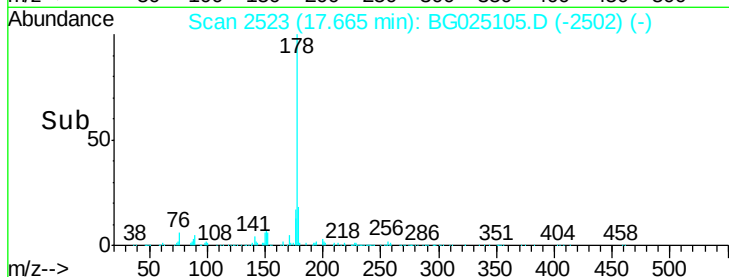
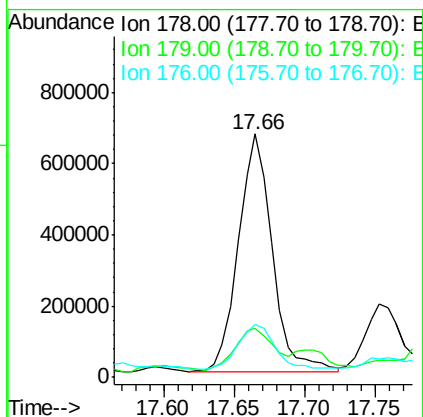
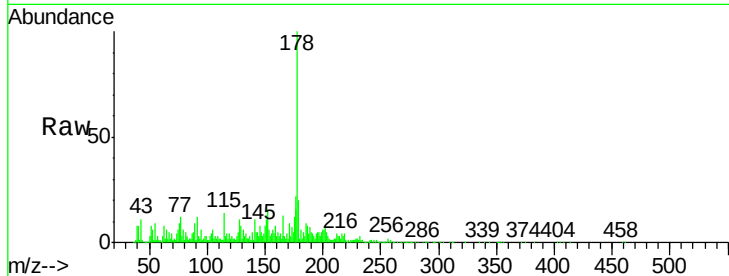
178 100

179 20.0 12.4 18.6#

176 21.8 16.5 24.7

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#71

Anthracene

Concen: 10.64 ng/ul

RT: 17.75 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

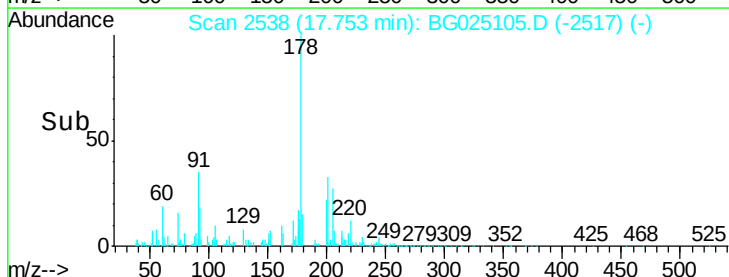
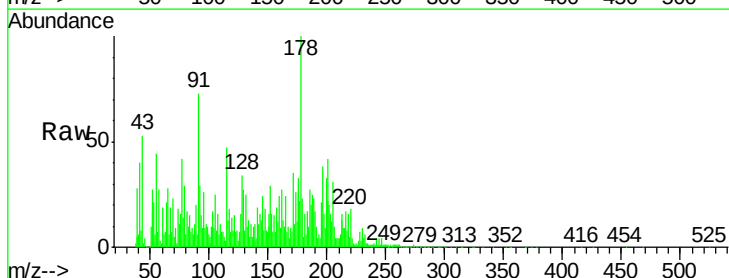
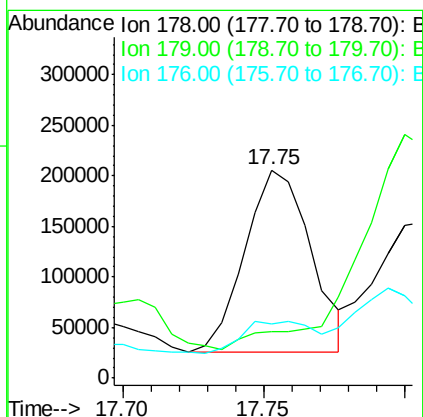
Tgt Ion:178 Resp: 289380

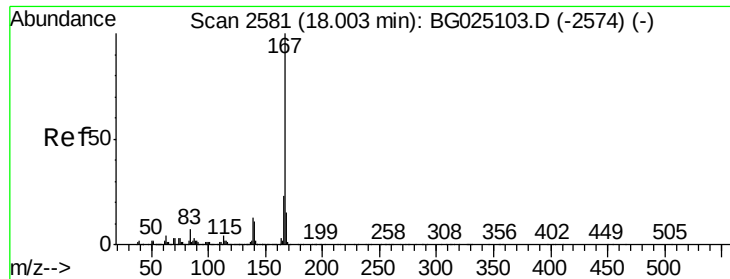
Ion Ratio Lower Upper

178 100

179 22.6 12.6 19.0#

176 25.8 15.9 23.9#





#72

Carbazole

Concen: 5.64 ng/ul

RT: 18.03 min Scan# 2586

Delta R.T. 0.03 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

Instrument :

BNA_G

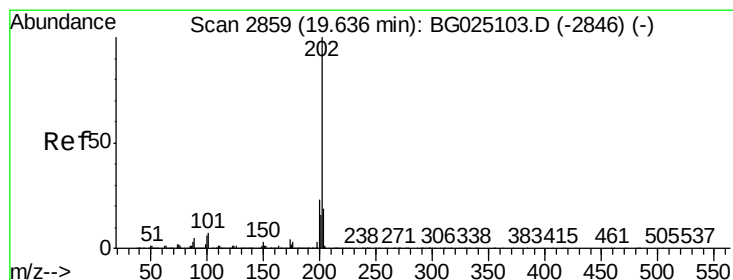
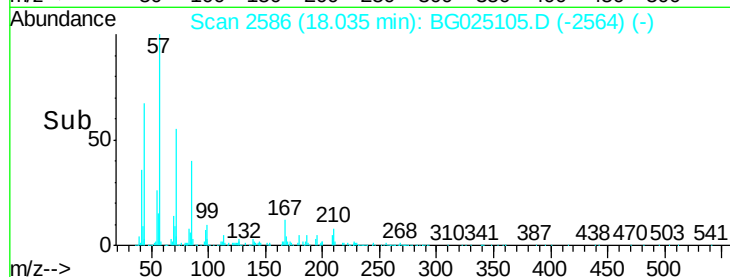
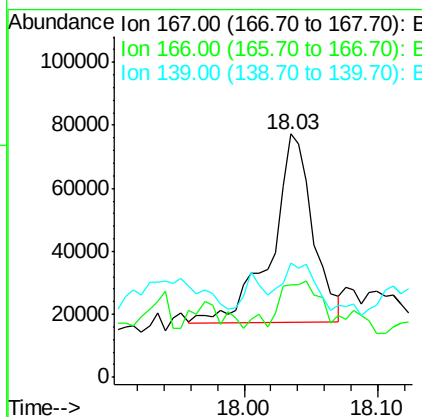
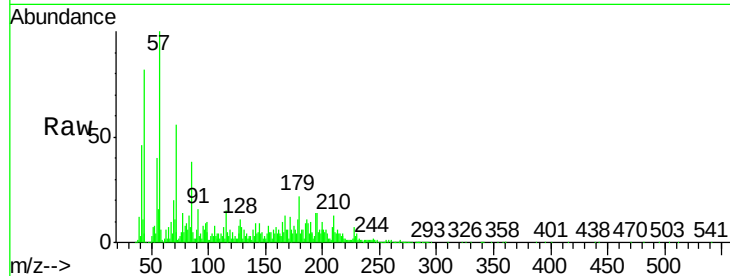
ClientSampled :

DA803

Tgt Ion:	167	Resp:	128074
Ion Ratio	Lower	Upper	
167	100		
166	37.8	17.9	26.9#
139	46.8	10.5	15.7#

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#74

Fluoranthene

Concen: 9.28 ng/ul

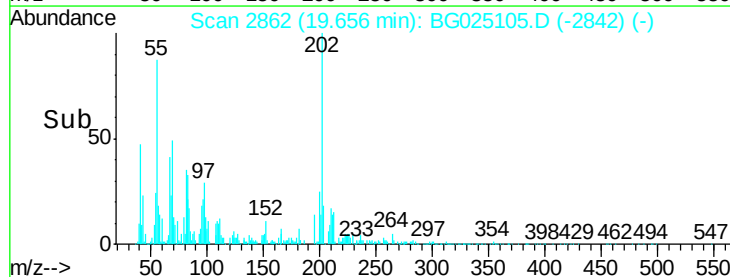
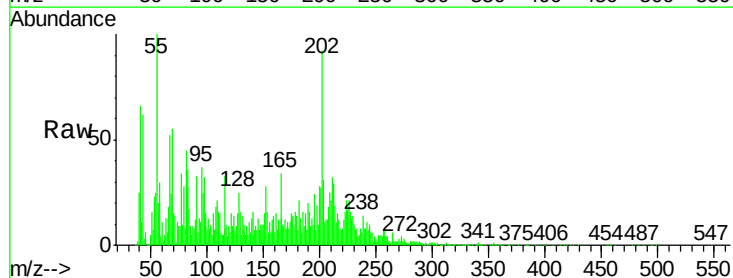
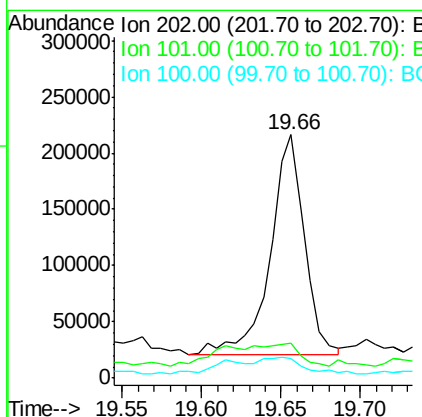
RT: 19.66 min Scan# 2862

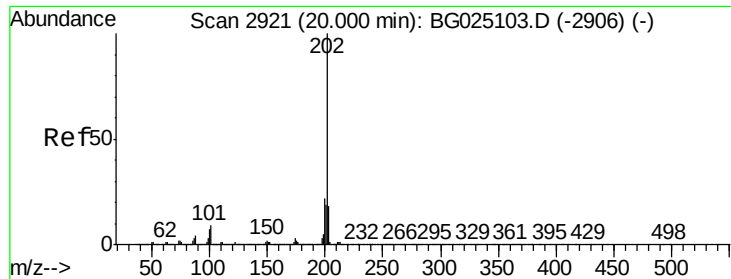
Delta R.T. 0.02 min

Lab File: BG025105.D

Acq: 11 Dec 2016 16:11

Tgt Ion:	202	Resp:	291743
Ion Ratio	Lower	Upper	
202	100		
101	14.3	6.2	9.2#
100	8.1	5.2	7.8#





#77

Pyrene

Concen: 10.52 ng/ul

RT: 20.02 min Scan# 2924

Delta R.T. 0.02 min

Lab File: BG025105.D

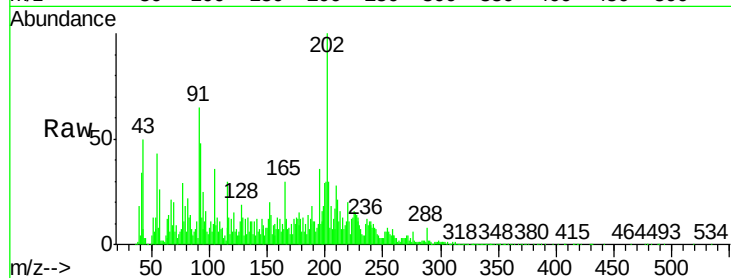
Acq: 11 Dec 2016 16:11

Instrument :

BNA_G

ClientSampleId :

DA803



Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		373913		
101	10.5	6.9	10.3#		
100	7.9	6.6	10.0		

Manual Integrations
APPROVED

Sohil
12/12/2016 7:03:05 PM

