

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025190.D
 Acq On : 15 Dec 2016 00:14
 Operator : UM/SJ
 Sample : H5938-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA831

Manual Integrations
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Quant Time: Dec 15 04:54:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 03:57:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	82074	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	378445	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	297870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	599345	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	728424	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	727513	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	13787	8.68	ng/uL	0.00
5) Phenol-d5	7.38	99	220939	31.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	145022	33.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	156056	31.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	191825	32.42	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	88880	33.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	99956	29.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	187723	29.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	199489	31.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	615336	30.03	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	715772	31.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	111954	31.79	ng/ul	0.00
57) Fluorene-d10	15.85	176	618568	32.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	106692	28.79	ng/ul	0.00
70) Anthracene-d10	17.70	188	822900	32.53	ng/ul	0.00
76) Pyrene-d10	19.98	212	897716	29.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	903701	30.66	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	104986	14.45	ng/ul	98
11) 2-Methylphenol	8.68	108	116138	21.70	ng/ul	90
14) Acetophenone	9.07	105	11085m	1.23	ng/ul	
16) 4-Methylphenol	9.01	108	597710	100.40	ng/ul	90
24) 2,4-Dimethylphenol	10.22	107	507375m	65.47	ng/ul	
28) Naphthalene	11.12	128	677001	38.48	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	892237	64.27	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	204580	11.33	ng/ul	97
44) Dimethylphthalate	14.30	163	433382	21.52	ng/ul	100
49) Acenaphthene	14.93	153	51732	3.46	ng/ul#	71
53) Dibenzofuran	15.26	168	135027	5.71	ng/ul	95
58) Fluorene	15.90	166	143627	7.46	ng/ul#	95
64) N-Nitrosodiphenylamine	16.11	169	24217	1.57	ng/ul#	71
69) Phenanthrene	17.64	178	77335	2.70	ng/ul#	91

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

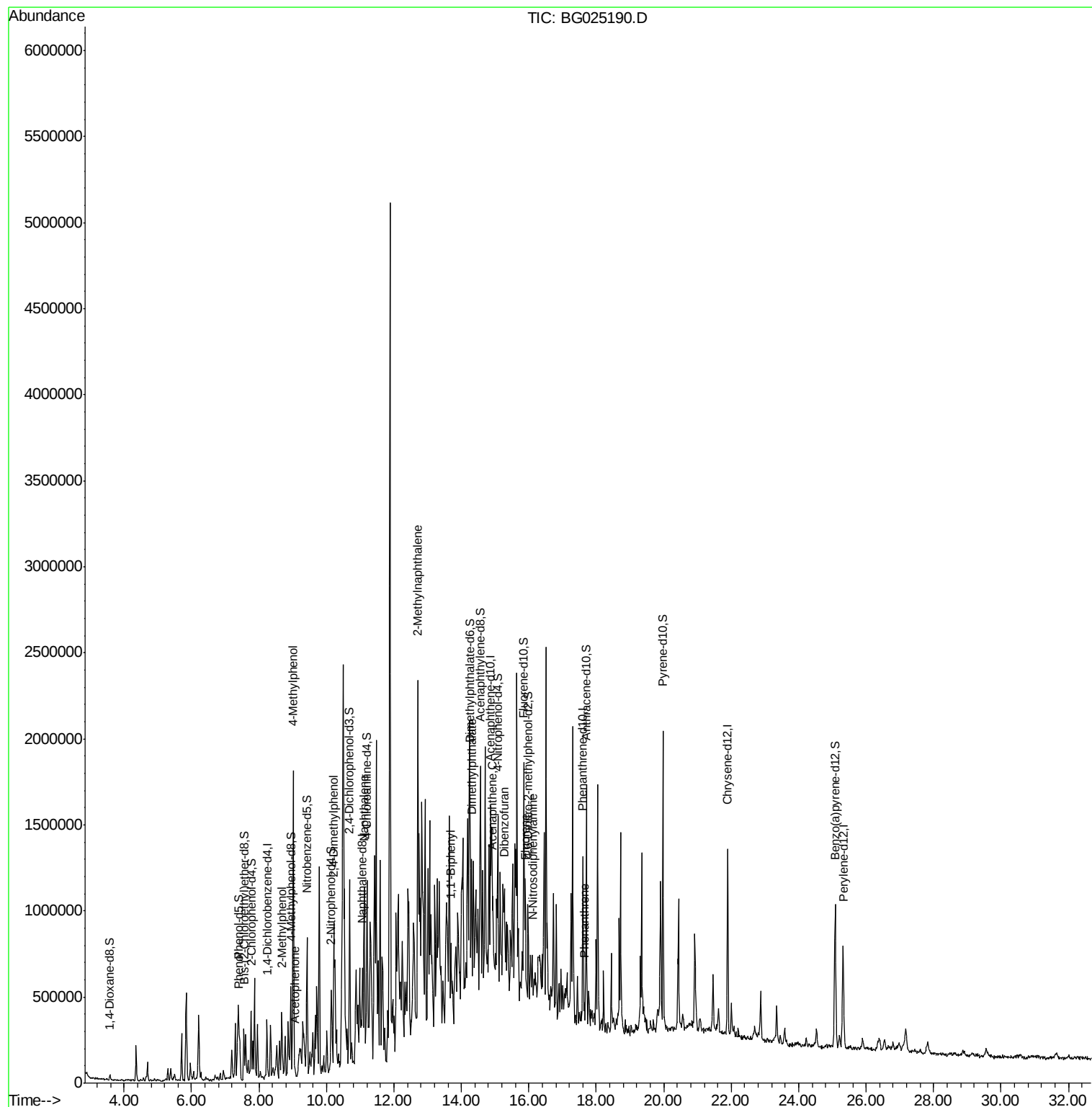
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025190.D
Acq On : 15 Dec 2016 00:14
Operator : UM/SJ
Sample : H5938-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

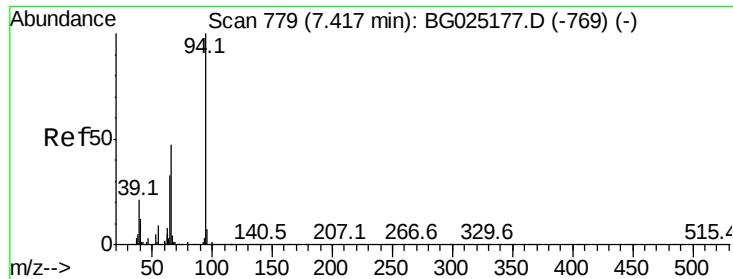
Instrument :
BNA_G
ClientSampleId :
DA831

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Quant Time: Dec 15 04:54:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:57:23 2016
Response via : Initial Calibration





#6

Phenol

Concen: 14.45 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

Instrument :

BNA_G

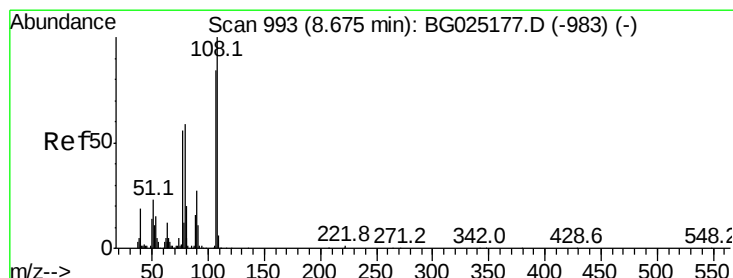
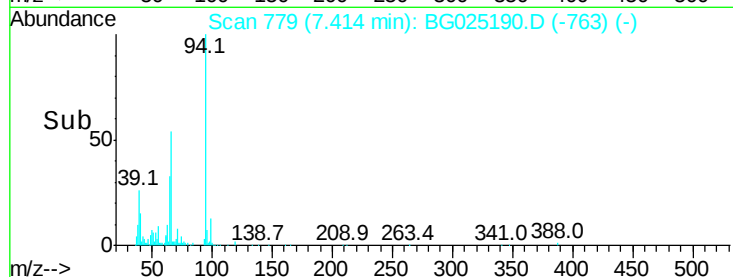
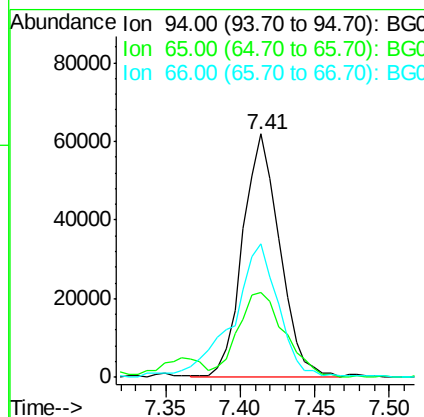
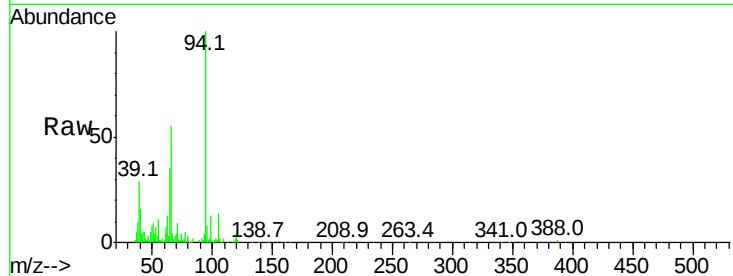
ClientSampleId :

DA831

Tot Ion:	94	Resp:	104986
Ion Ratio	Lower	Upper	
94	100		
65	35.1	26.8	40.2
66	54.6	44.4	66.6

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#11

2-Methylphenol

Concen: 21.70 ng/ul

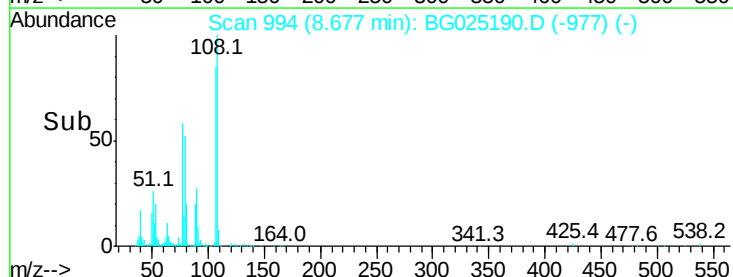
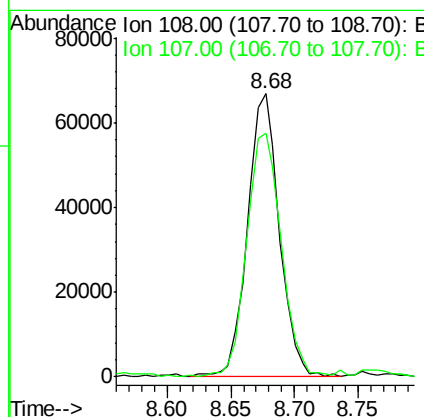
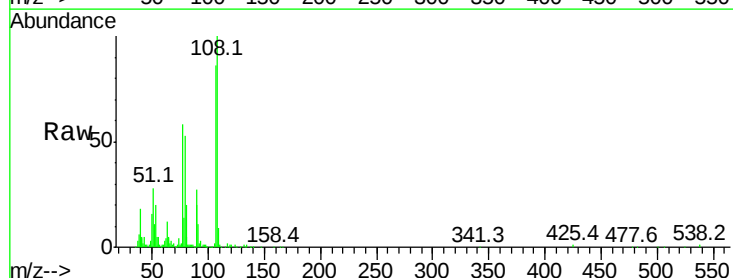
RT: 8.68 min Scan# 994

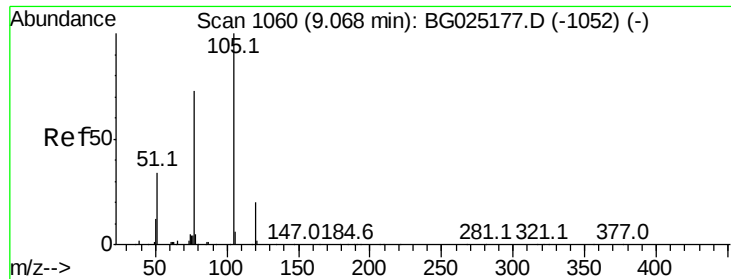
Delta R.T. 0.00 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

Tgt Ion:	108	Resp:	116138
Ion Ratio	Lower	Upper	
108	100		
107	86.3	76.7	115.1





#14

Acetophenone

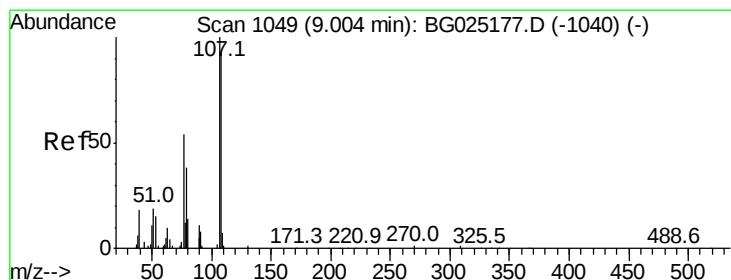
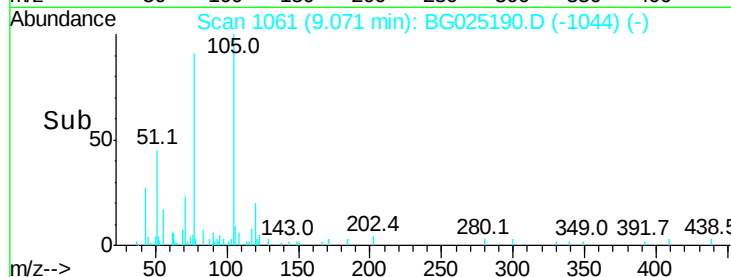
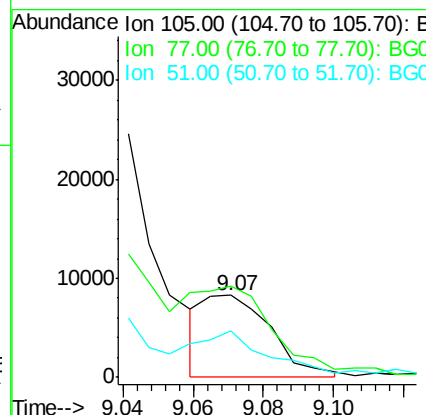
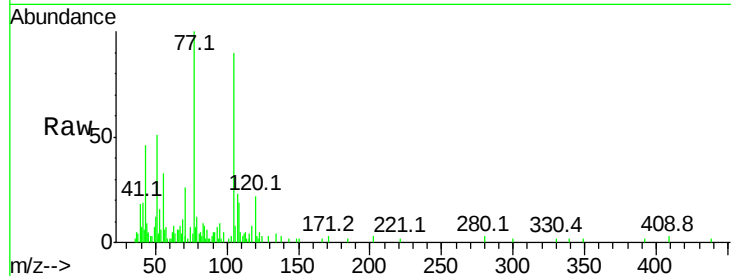
Concen: 1.23 ng/ul m
RT: 9.07 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tot Ion	Ratio	Lower	Upper
105	100		
77	111.4	76.0	114.0
51	56.9	34.8	52.2

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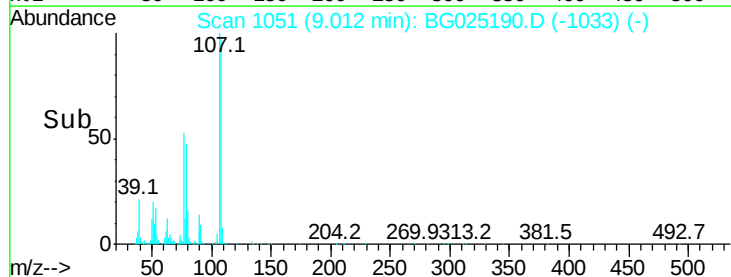
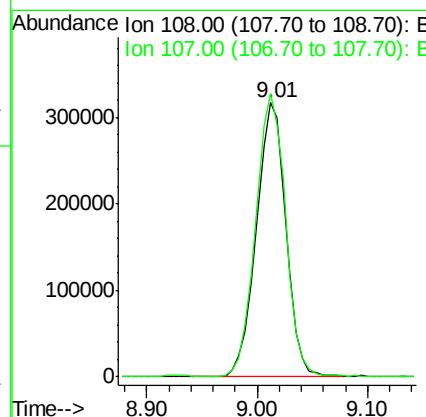
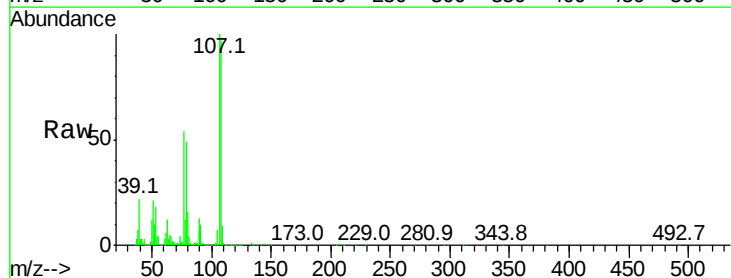


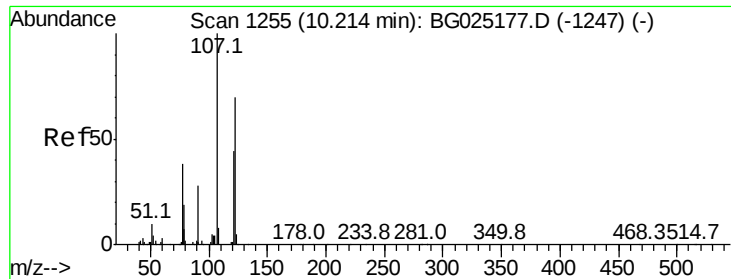
#16

4-Methylphenol

Concen: 100.40 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion	Ratio	Lower	Upper
108	100		
107	103.3	91.7	137.5





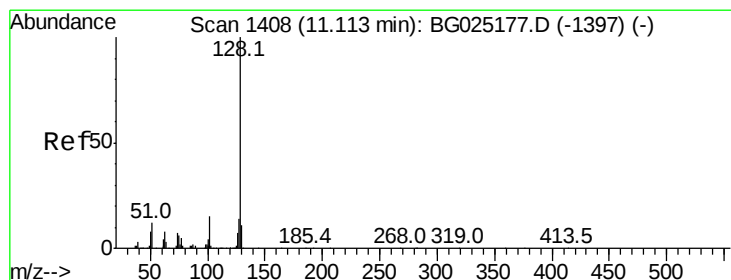
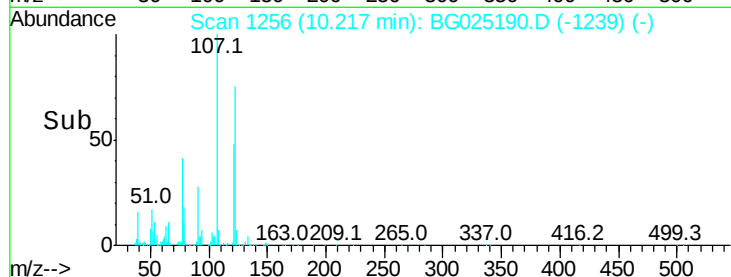
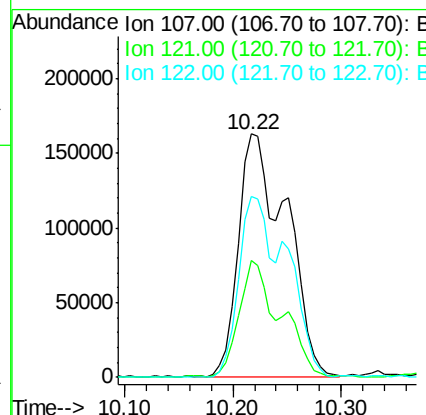
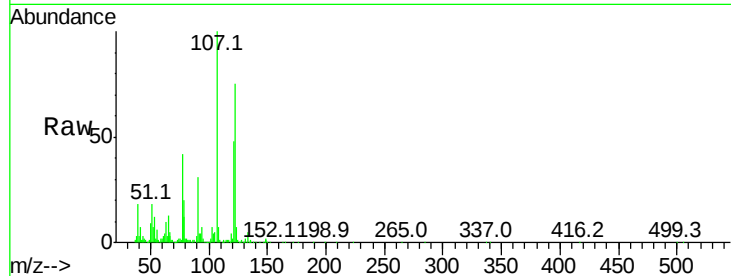
#24
2,4-Dimethylphenol
Concen: 65.47 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
107	100		
121	48.1	32.3	48.5
122	74.5	61.2	91.8

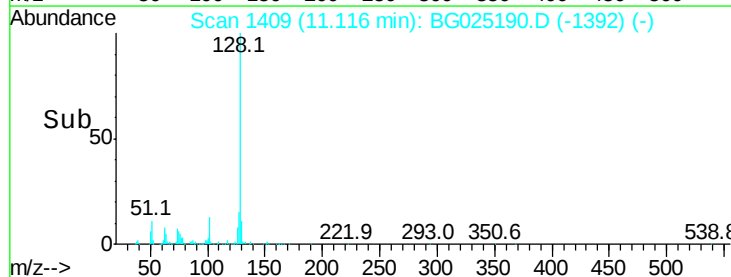
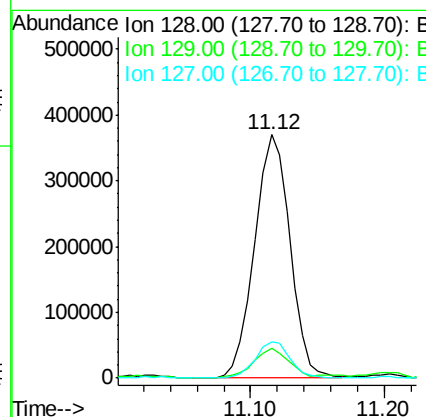
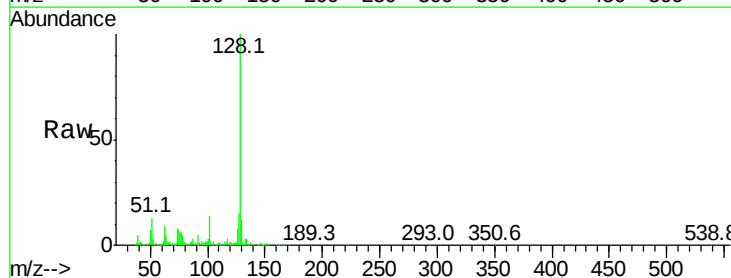
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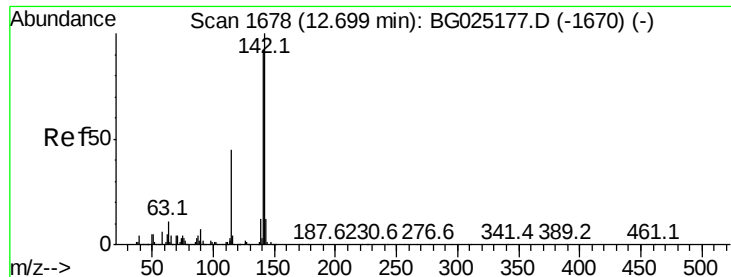
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#28
Naphthalene
Concen: 38.48 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	14.9	10.3	15.5





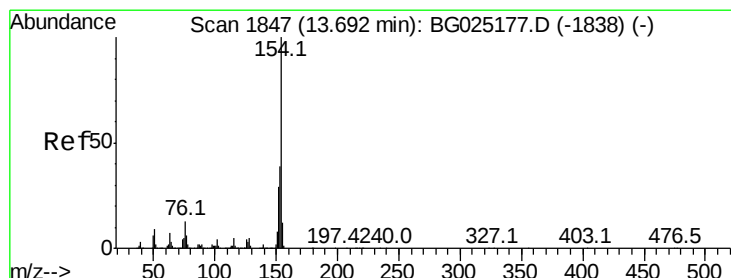
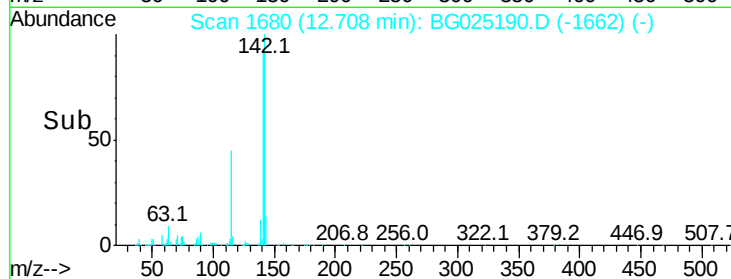
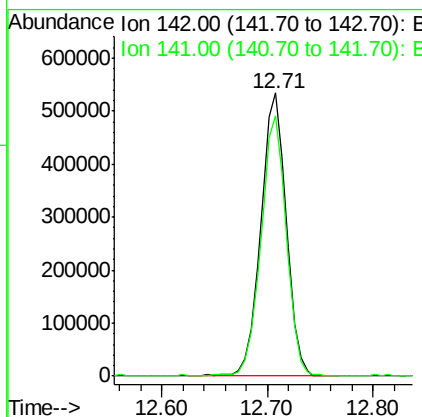
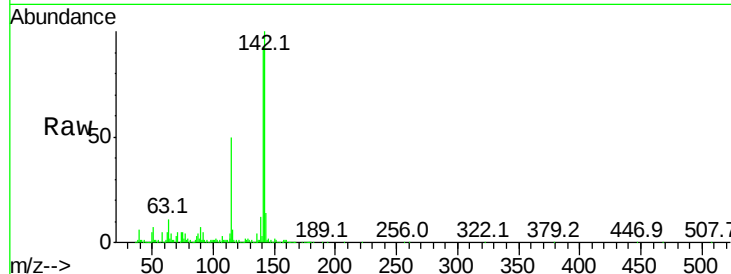
#34
2-Methylnaphthalene
Concen: 64.27 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.01 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	68.6	102.8

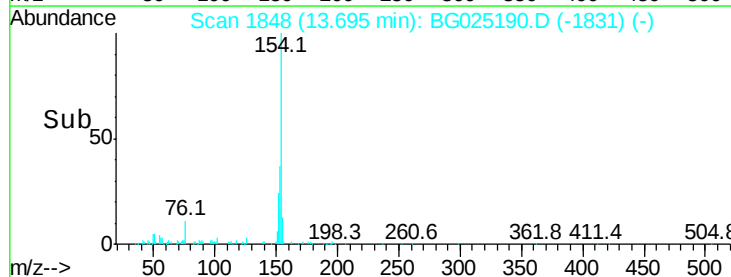
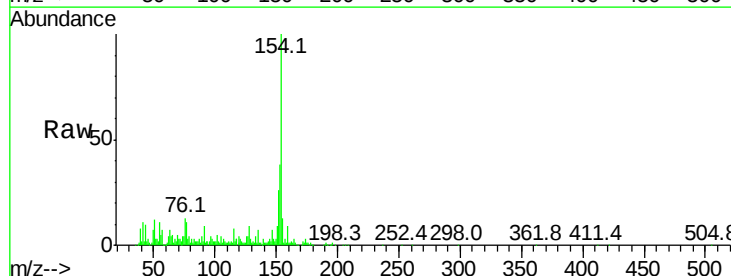
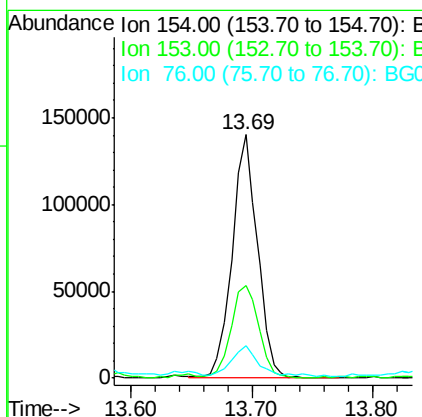
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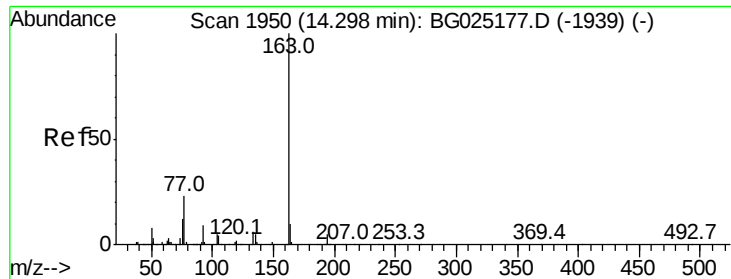
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#40
1,1'-Biphenyl
Concen: 11.33 ng/ul
RT: 13.69 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.0	32.2	48.2
76	13.2	9.6	14.4





#44

Dimethylphthalate

Concen: 21.52 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

Instrument :

BNA_G

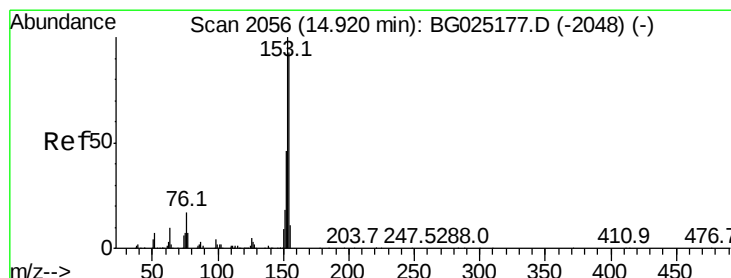
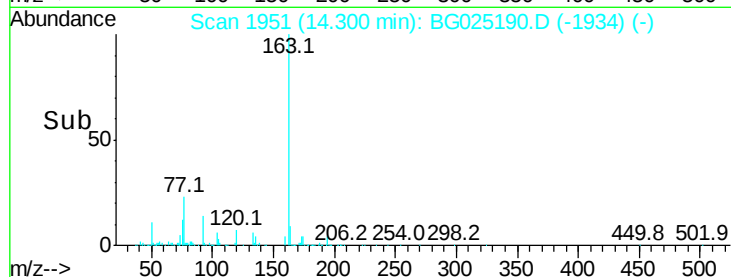
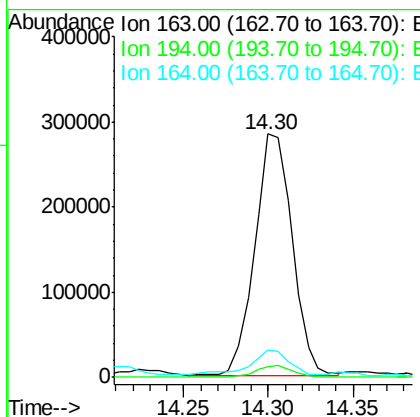
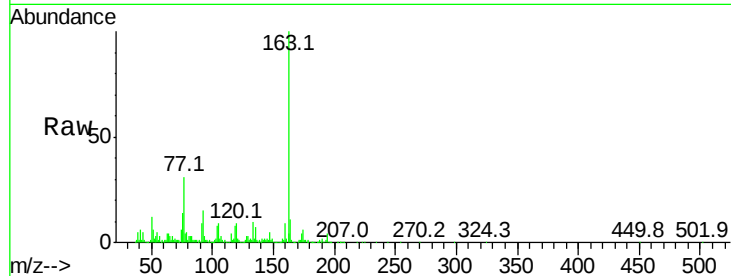
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Tot Ion:	163	Resp:	433382
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	11.1	9.0	13.4

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#49

Acenaphthene

Concen: 3.46 ng/ul

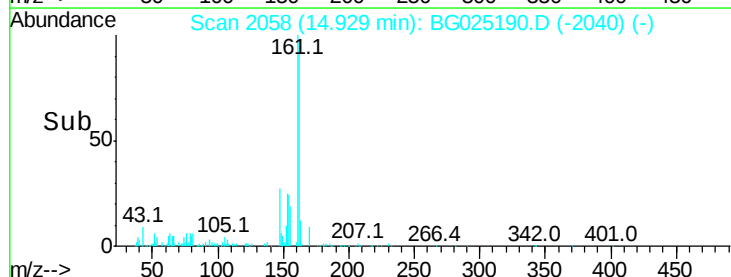
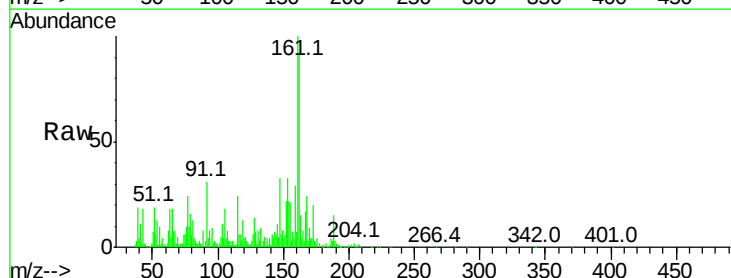
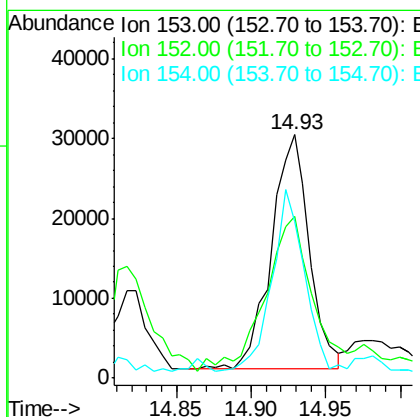
RT: 14.93 min Scan# 2058

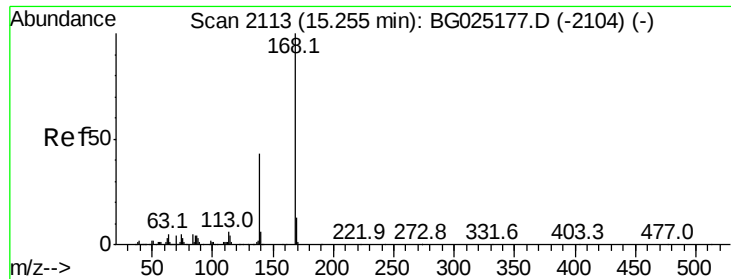
Delta R.T. 0.01 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

Tgt Ion:	153	Resp:	51732
Ion Ratio	Lower	Upper	
153	100		
152	66.3	36.5	54.7#
154	64.4	72.3	108.5#





#53

Dibenzofuran

Concen: 5.71 ng/ul

RT: 15.26 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

Instrument :

BNA_G

ClientSampleId :

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Tot Ion:168 Resp: 135027

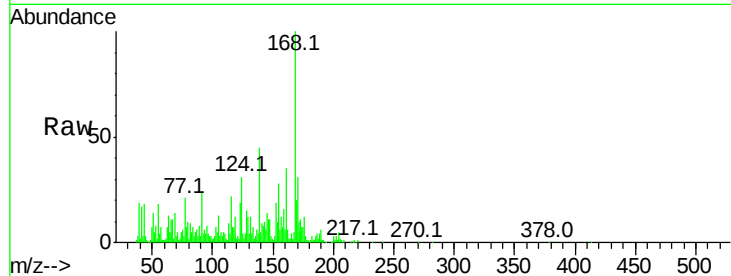
Ion Ratio Lower Upper

168 100

139 45.3 33.8 50.8

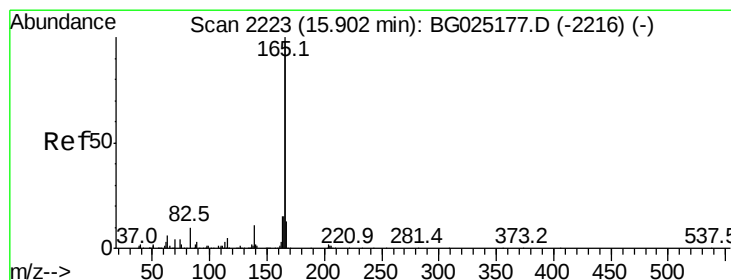
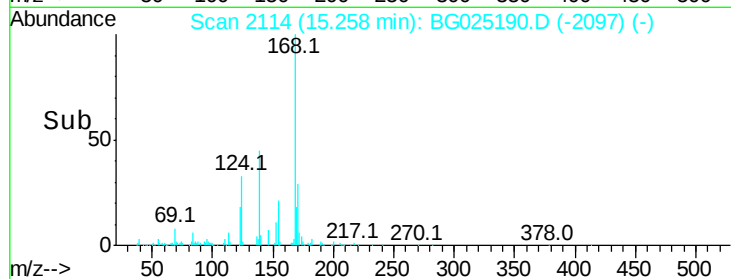
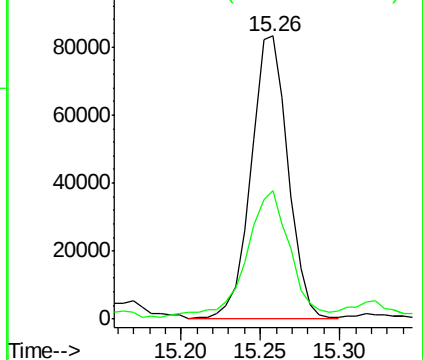
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 7.46 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

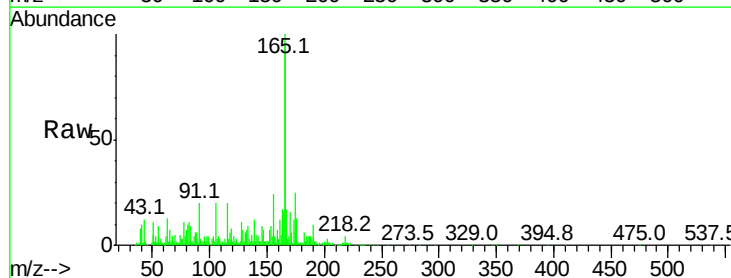
Tgt Ion:166 Resp: 143627

Ion Ratio Lower Upper

166 100

165 103.8 79.7 119.5

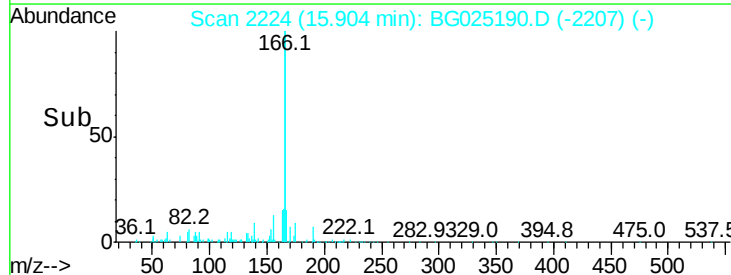
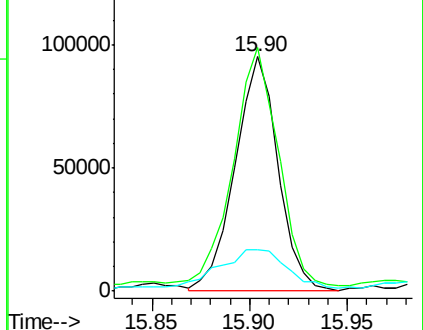
167 17.7 11.4 17.2#

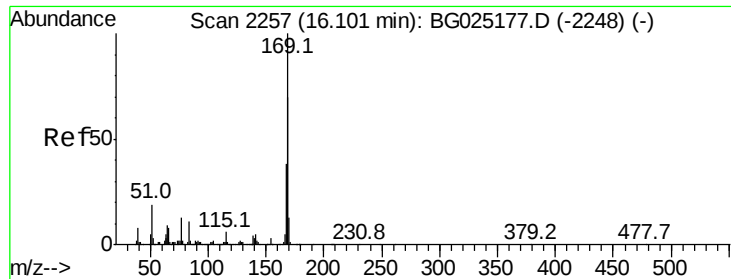


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

N-Nitrosodiphenylamine

Concen: 1.57 ng/ul

RT: 16.11 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

Instrument :

BNA_G

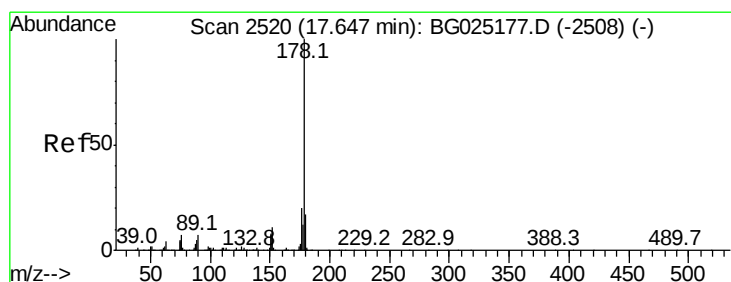
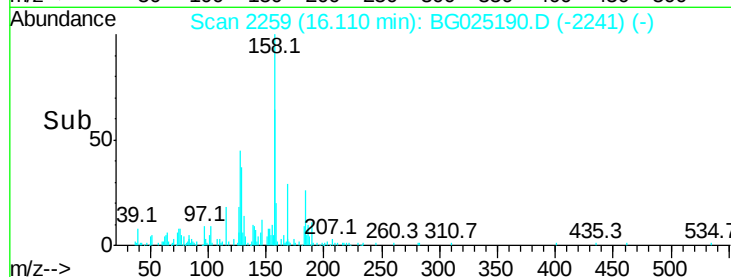
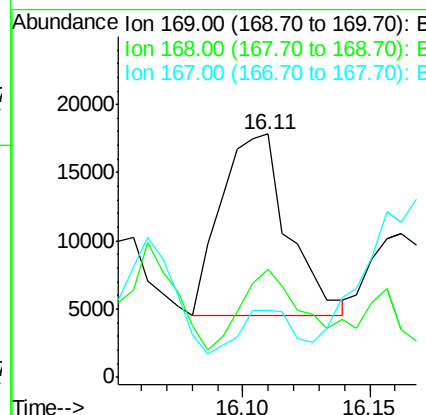
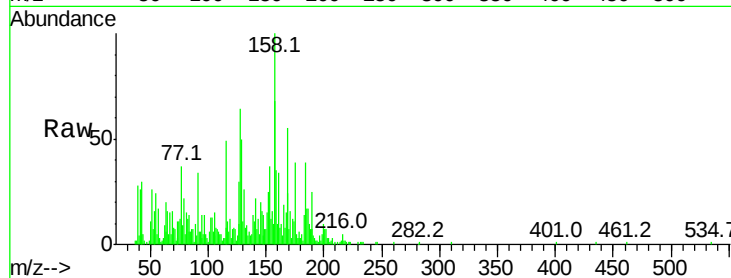
ClientSampleId :

DA831

Tot Ion	Ratio	Lower	Upper
169	100		
168	44.4	59.1	88.7#
167	27.3	29.7	44.5#

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#69

Phenanthrene

Concen: 2.70 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025190.D

Acq: 15 Dec 2016 00:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.3	12.4	18.6#
176	23.2	16.5	24.7

