

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025029.D
 Acq On : 9 Dec 2016 5:48
 Operator : UM/SJ
 Sample : H5863-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA802

Manual Integrations
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 12/9/2016 3:41:57 PM

Quant Time: Dec 09 07:01:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	86829	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	376535	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	317916	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	656022	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	861504	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	909255	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	25247	15.02	ng/uL	-0.01
5) Phenol-d5	7.39	99	219967	29.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	147247	31.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	159590	30.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	195752	31.27	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	108500m	40.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	105301	31.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	202851	31.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	656770	104.54	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	747614	34.19	ng/ul	0.02
46) Acenaphthylene-d8	14.57	160	829172	34.62	ng/ul	0.01
51) 4-Nitrophenol-d4	15.07	143	163816	43.59	ng/ul	0.02
57) Fluorene-d10	15.86	176	931779	45.27	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.98	200	163813	40.39	ng/ul	0.02
70) Anthracene-d10	17.71	188	1039606	37.55	ng/ul	0.00
76) Pyrene-d10	19.98	212	1253435	35.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1409597	38.26	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.42	94	138913	18.07	ng/ul	96
11) 2-Methylphenol	8.68	108	203397	35.93	ng/ul	93
16) 4-Methylphenol	9.01	108	643715	102.21	ng/ul	90
24) 2,4-Dimethylphenol	10.22	107	1147790m	148.85	ng/ul	
27) 2,4-Dichlorophenol	10.70	162	154981	24.97	ng/ul#	33
28) Naphthalene	11.13	128	1874070	107.07	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	2854264	206.64	ng/ul	94
40) 1,1'-Biphenyl	13.71	154	695114	36.06	ng/ul	99
44) Dimethylphthalate	14.32	163	267827	12.46	ng/ul#	96
49) Acenaphthene	14.94	153	187508	11.75	ng/ul#	86
53) Dibenzofuran	15.26	168	477084	18.91	ng/ul	96
58) Fluorene	15.91	166	506180	24.64	ng/ul#	95
69) Phenanthrene	17.65	178	307592	9.82	ng/ul	96
71) Anthracene	17.74	178	80943m	2.51	ng/ul	
74) Fluoranthene	19.64	202	64184	1.73	ng/ul#	89
77) Pyrene	20.01	202	73591	1.78	ng/ul#	93

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

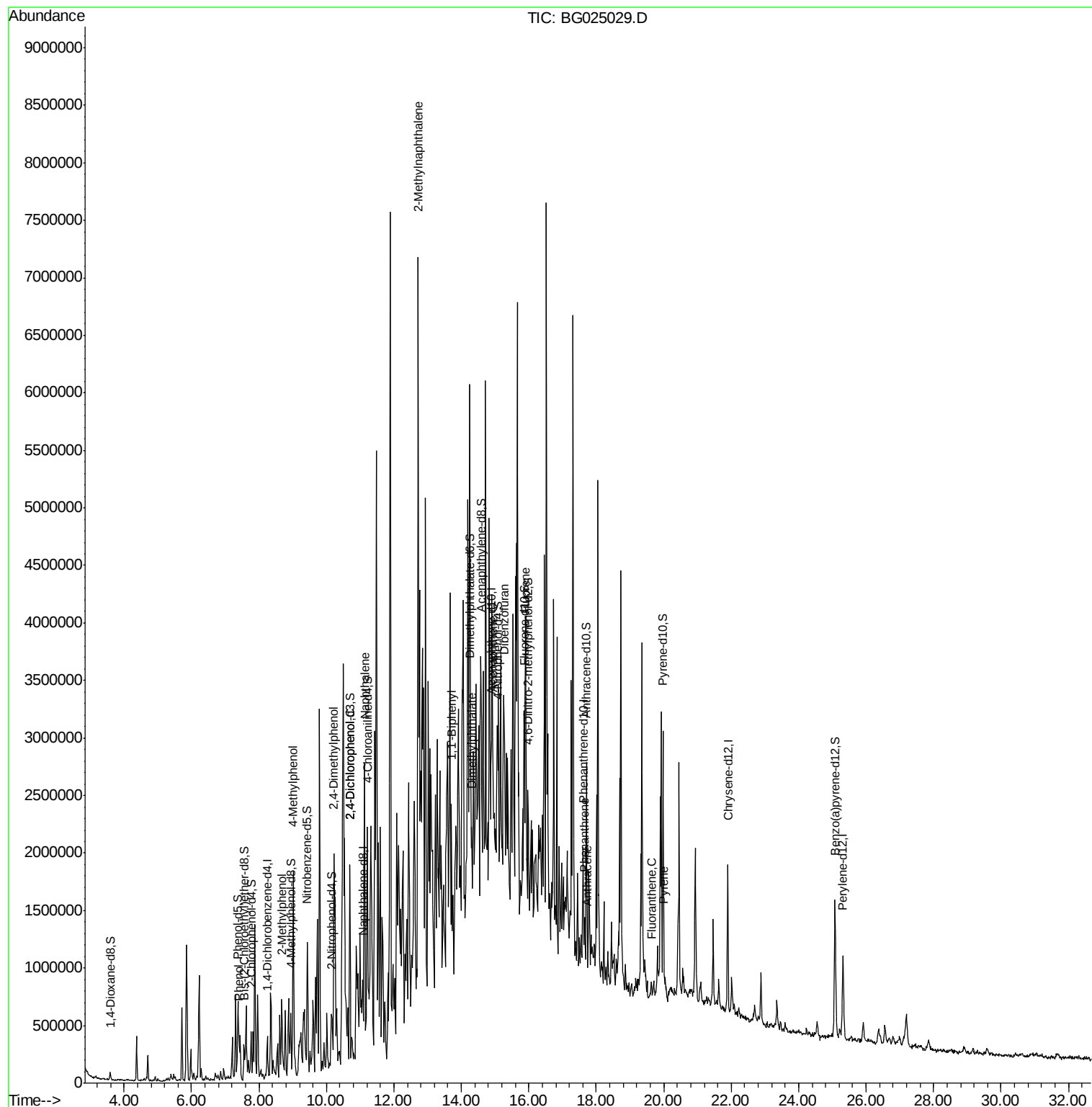
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

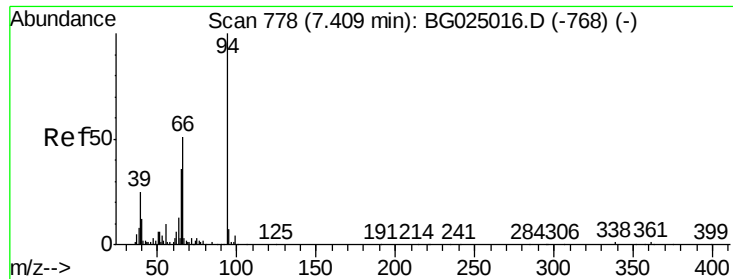
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 09 07:01:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 18.07 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

Instrument :

BNA_G

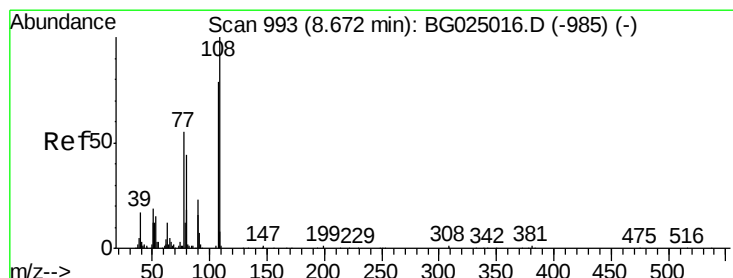
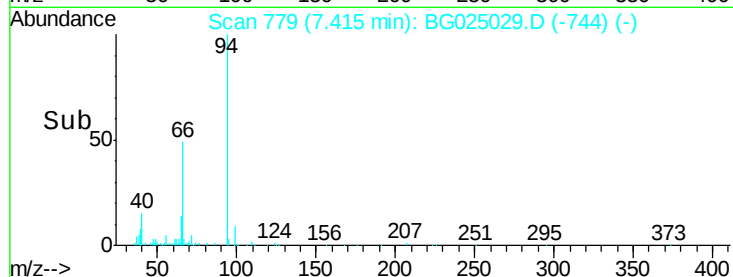
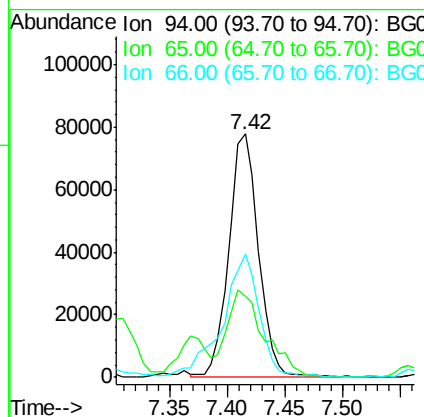
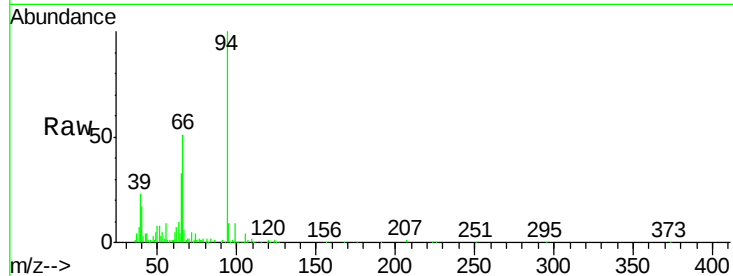
ClientSampleId :

DA802

Tot Ion:	94	Resp:	138913
Ion Ratio		Lower	Upper
94	100		
65	33.1	26.8	40.2
66	50.7	44.4	66.6

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#11

2-Methylphenol

Concen: 35.93 ng/ul

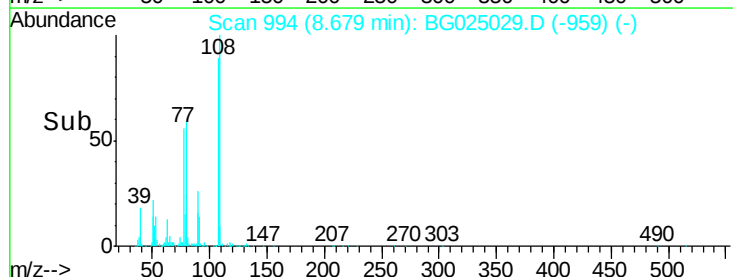
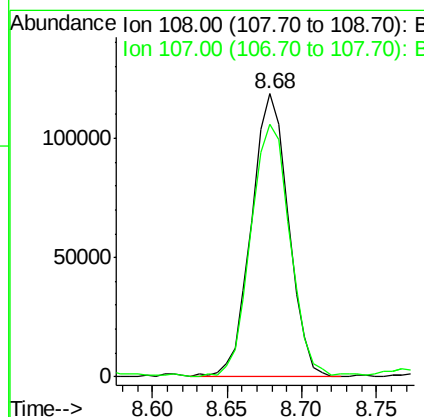
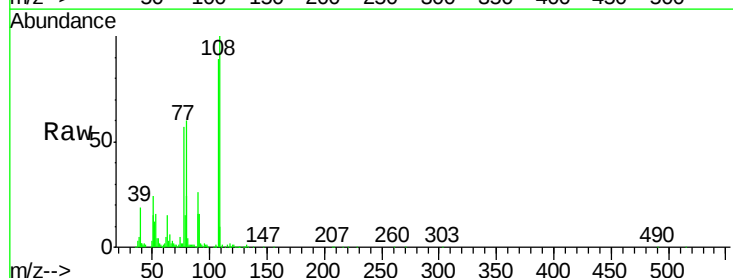
RT: 8.68 min Scan# 994

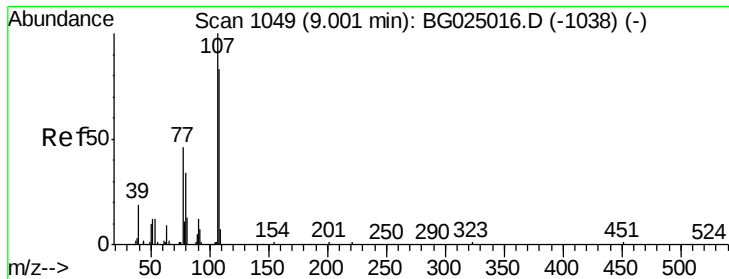
Delta R.T. 0.01 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

Tgt Ion:	108	Resp:	203397
Ion Ratio		Lower	Upper
108	100		
107	89.4	76.7	115.1





#16

4-Methylphenol

Concen: 102.21 ng/ul

RT: 9.01 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

Instrument :

BNA_G

ClientSampleId :

DA802

Tot Ion:108 Resp: 643715

Ion Ratio Lower Upper

108 100

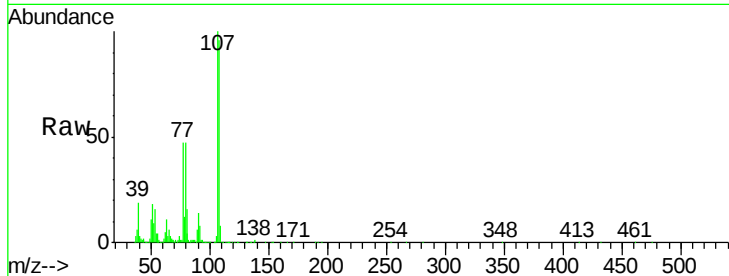
107 103.7 91.7 137.5

Manual Integrations

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

400000

300000

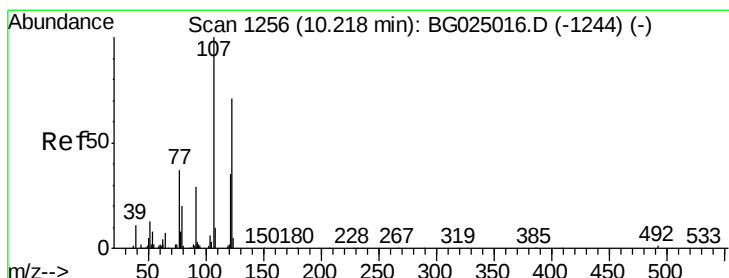
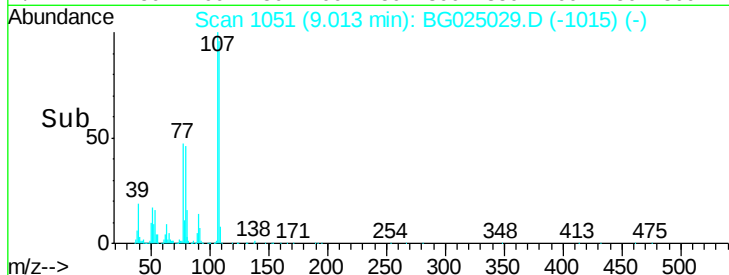
200000

100000

0

8.90 9.01 9.10

Time-->



#24

2,4-Dimethylphenol

Concen: 148.85 ng/ul m

RT: 10.22 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

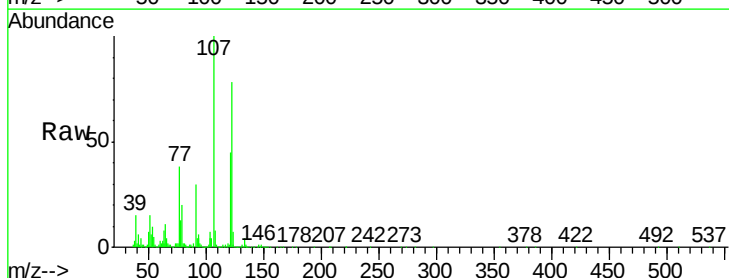
Tgt Ion:107 Resp: 1147790

Ion Ratio Lower Upper

107 100

121 45.4 32.3 48.5

122 77.9 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

500000

400000

300000

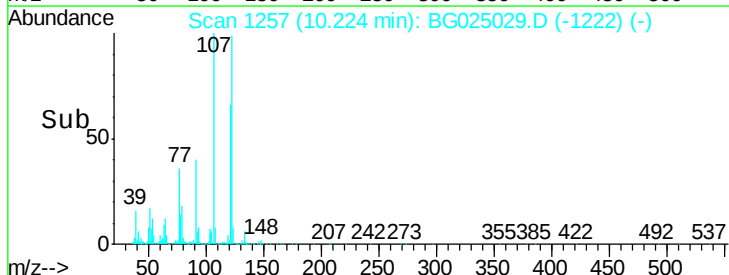
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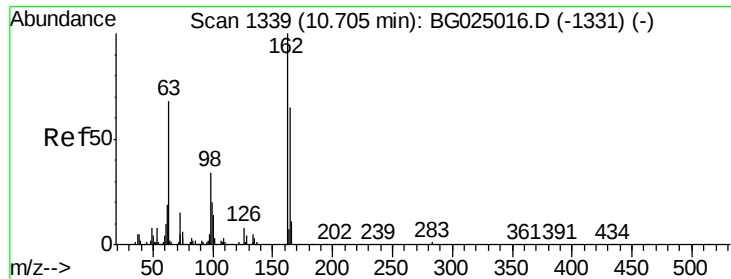
100000

0

10.20 10.22 10.30

Time-->





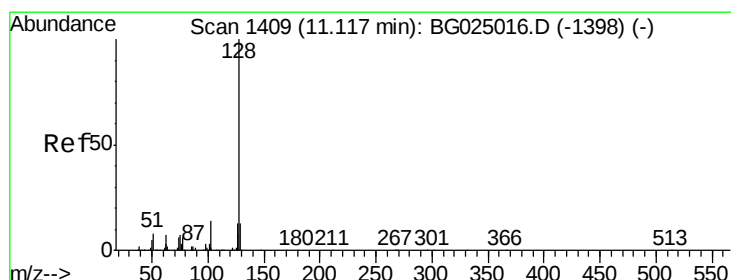
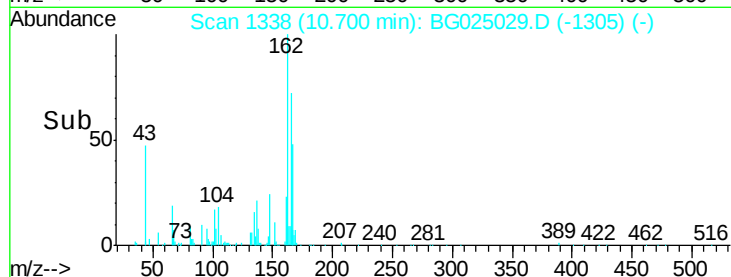
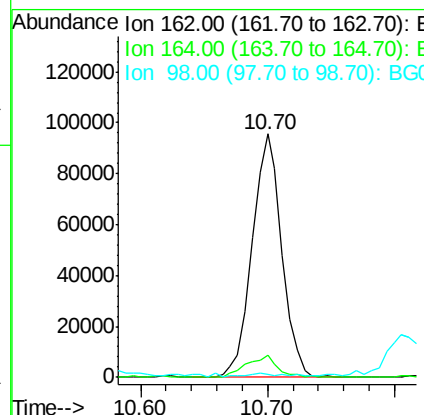
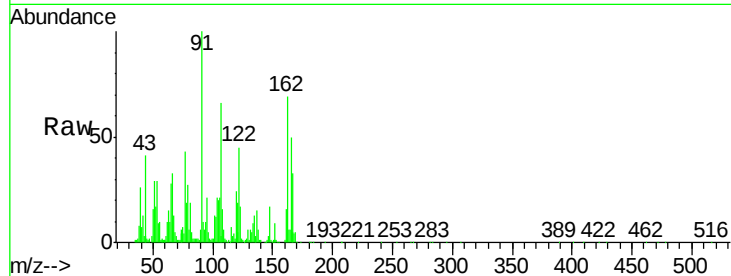
#27
2,4-Dichlorophenol
Concen: 24.97 ng/ul
RT: 10.70 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG025029.D
Acq: 9 Dec 2016 5:48

Instrument :
BNA_G
ClientSampleId :
DA802

Tot Ion	Ratio	Lower	Upper
162	100		
164	9.1	50.8	76.2#
98	1.4	32.1	48.1#

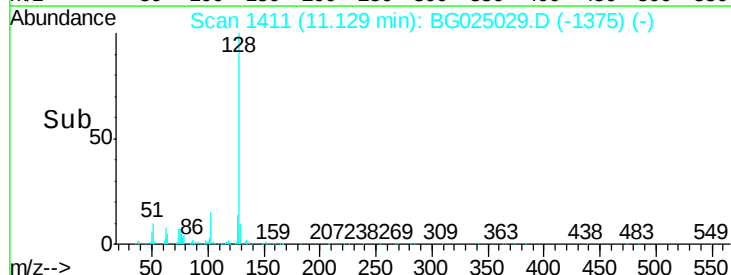
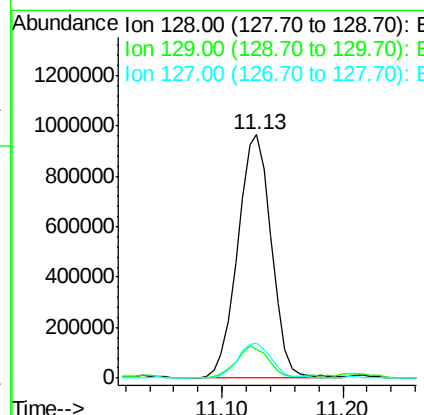
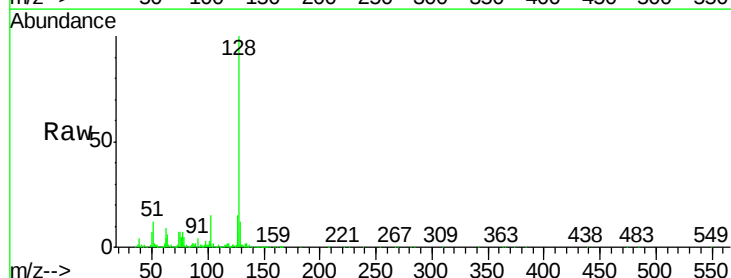
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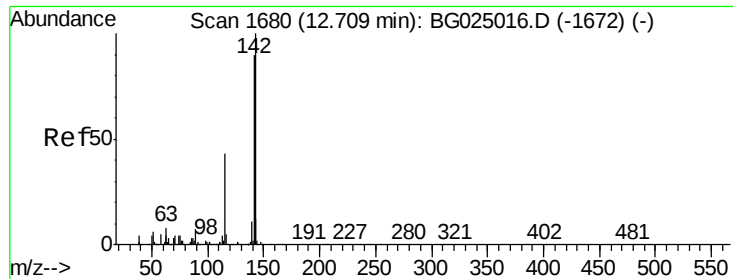
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#28
Naphthalene
Concen: 107.07 ng/ul
RT: 11.13 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BG025029.D
Acq: 9 Dec 2016 5:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.5	10.3	15.5





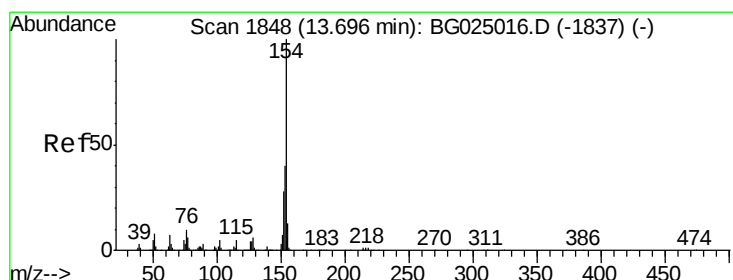
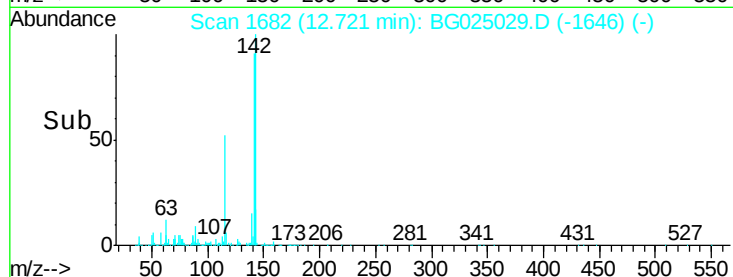
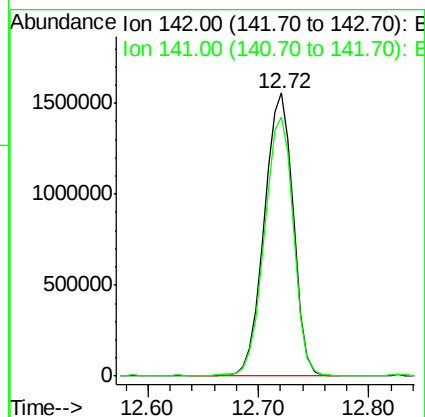
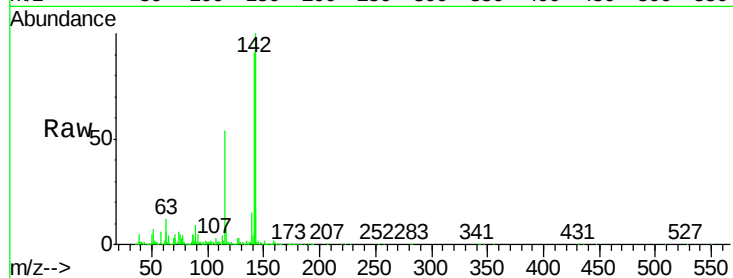
#34
 2-Methylnaphthalene
 Concen: 206.64 ng/ul
 RT: 12.72 min Scan# 1682
 Delta R.T. 0.01 min
 Lab File: BG025029.D
 Acq: 9 Dec 2016 5:48

Instrument :
 BNA_G
 ClientSampleId :
 DA802

Tot Ion:142 Resp: 2854264
 Ion Ratio Lower Upper
 142 100
 141 91.3 68.6 102.8

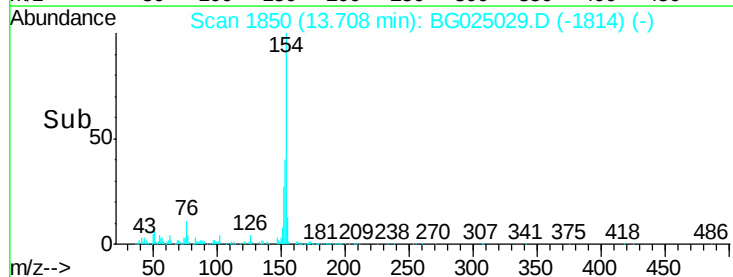
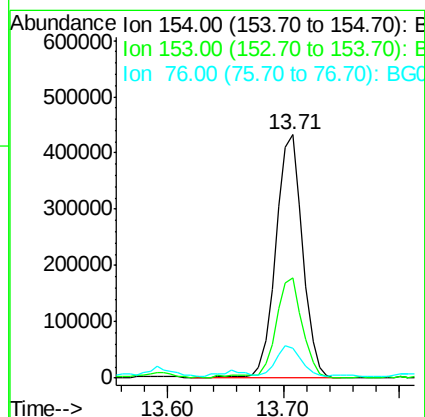
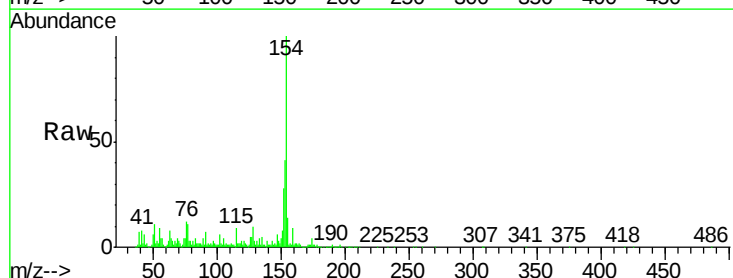
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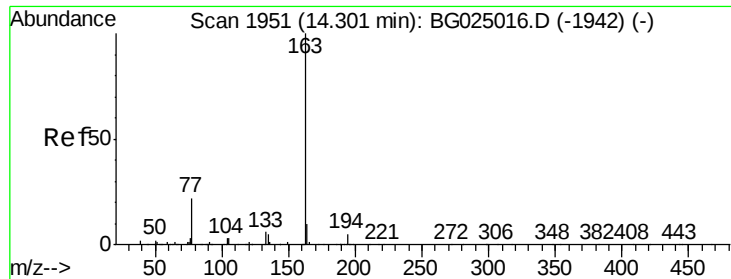
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#40
 1,1'-Biphenyl
 Concen: 36.06 ng/ul
 RT: 13.71 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BG025029.D
 Acq: 9 Dec 2016 5:48

Tgt Ion:154 Resp: 695114
 Ion Ratio Lower Upper
 154 100
 153 41.0 32.2 48.2
 76 12.2 9.6 14.4





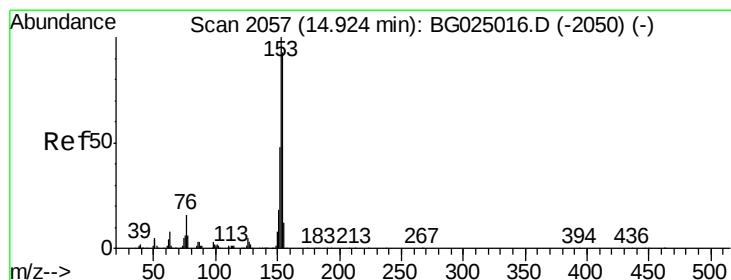
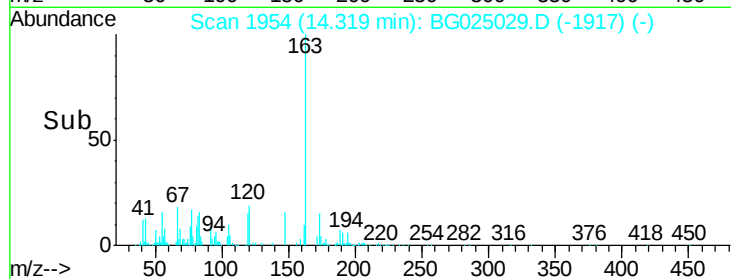
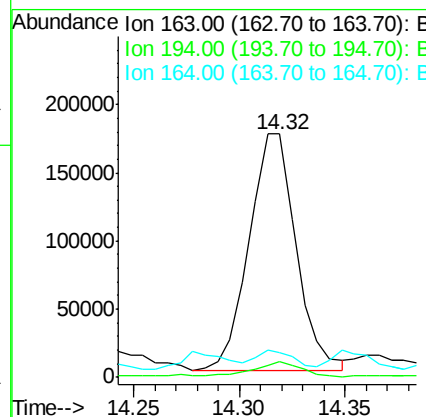
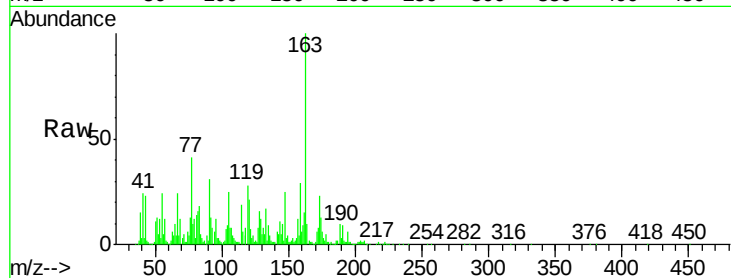
#44
Dimethylphthalate
Concen: 12.46 ng/ul
RT: 14.32 min Scan# 1954
Delta R.T. 0.02 min
Lab File: BG025029.D
Acq: 9 Dec 2016 5:48

Instrument :
BNA_G
ClientSampleId :
DA802

Tot Ion	Ratio	Resp	Lower	Upper
163	100	267827		
194	6.5	3.4	5.0#	
164	9.9	9.0	13.4	

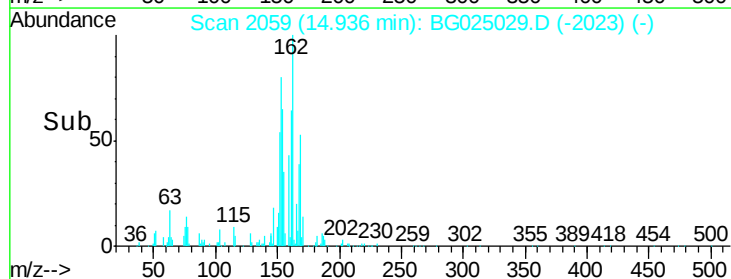
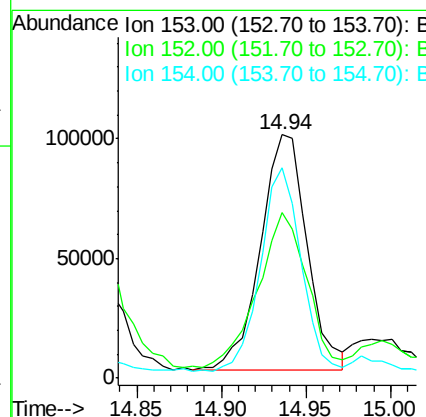
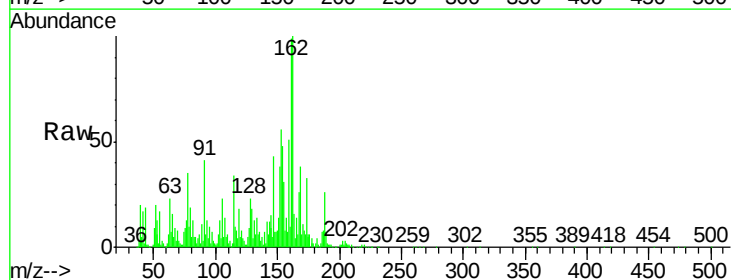
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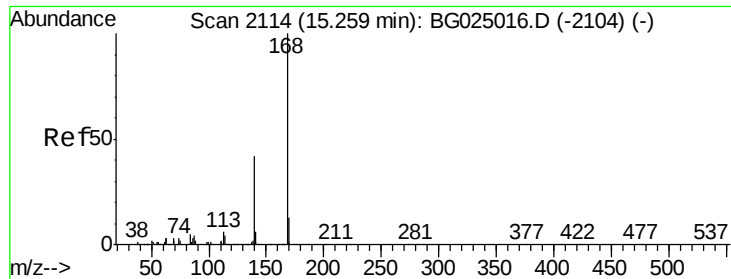
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#49
Acenaphthene
Concen: 11.75 ng/ul
RT: 14.94 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BG025029.D
Acq: 9 Dec 2016 5:48

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	187508		
152	67.7	36.5	54.7#	
154	86.4	72.3	108.5	





#53

Dibenzenofuran

Concen: 18.91 ng/ul

RT: 15.26 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

Instrument :

BNA_G

ClientSampleId :

DA802

Tot Ion:168 Resp: 477084

Ion Ratio Lower Upper

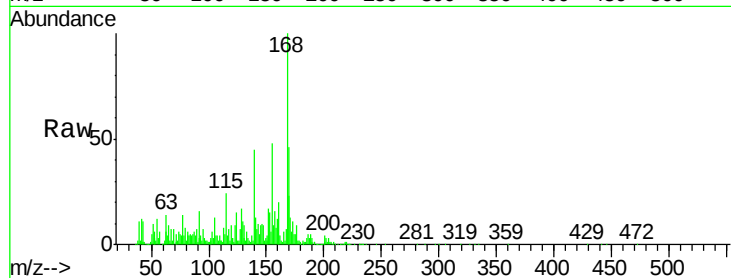
168 100

139 44.8 33.8 50.8

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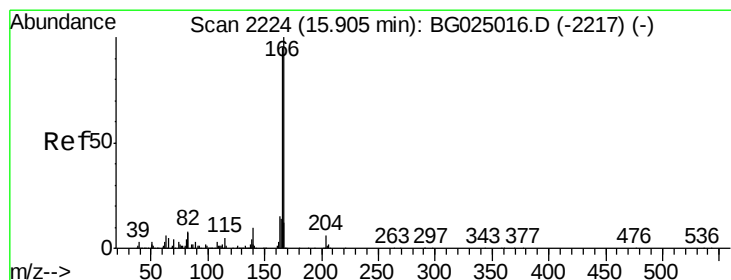
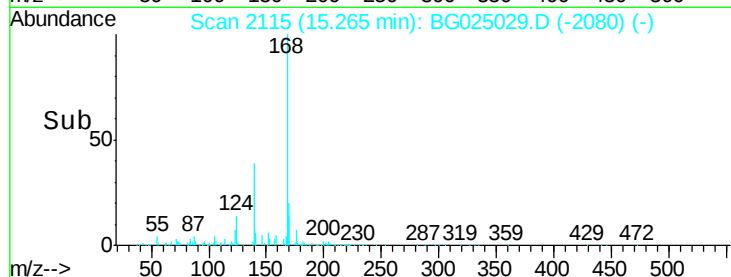
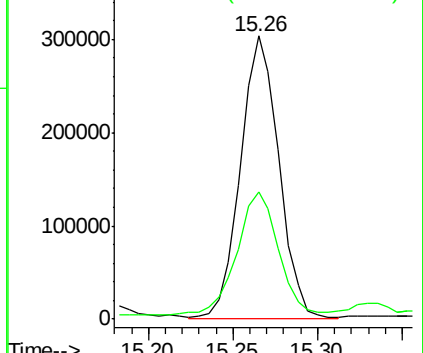
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 24.64 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

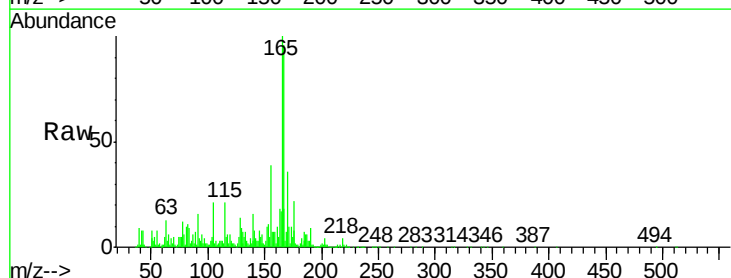
Tgt Ion:166 Resp: 506180

Ion Ratio Lower Upper

166 100

165 104.5 79.7 119.5

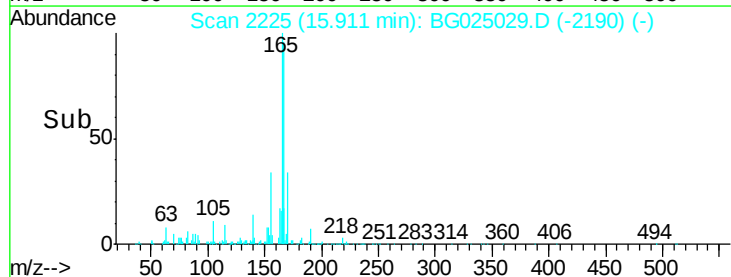
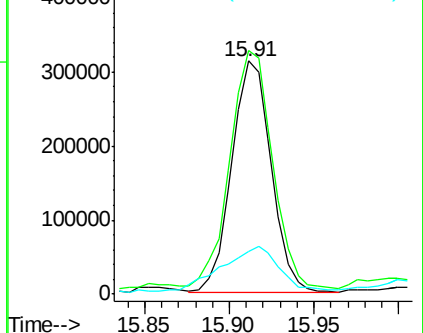
167 18.4 11.4 17.2#

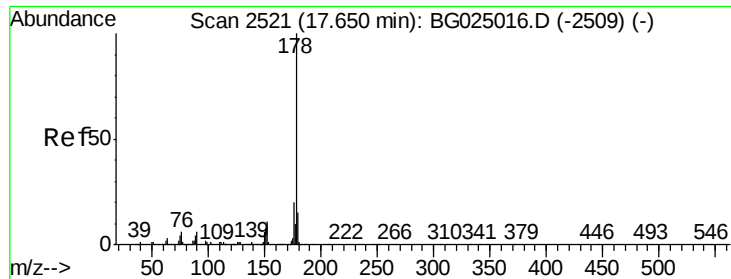


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





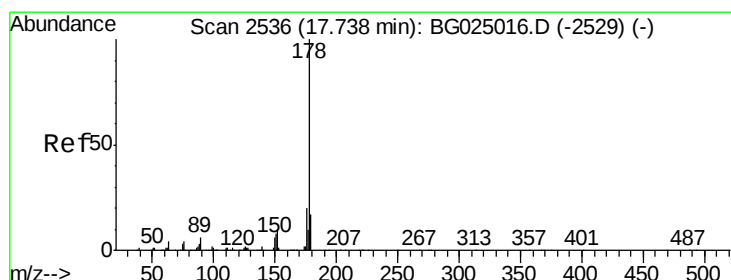
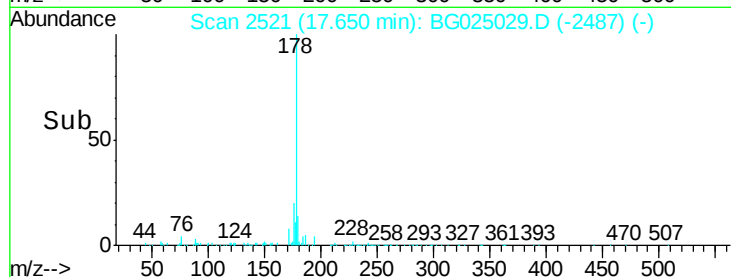
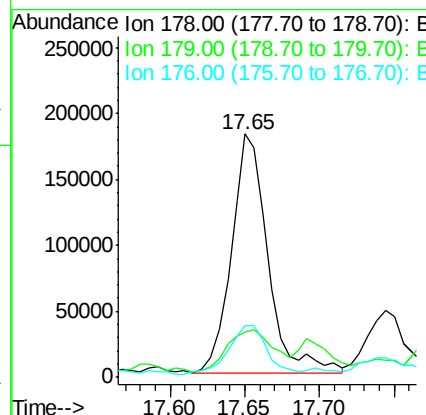
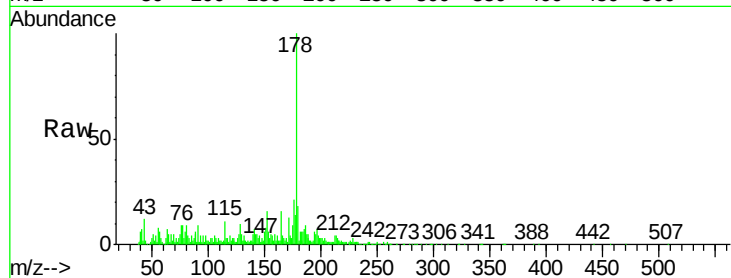
#69
Phenanthrene
Concen: 9.82 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BG025029.D
Acq: 9 Dec 2016 5:48

Instrument :
BNA_G
ClientSampled :
DA802

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.4	18.6
176	21.4	16.5	24.7

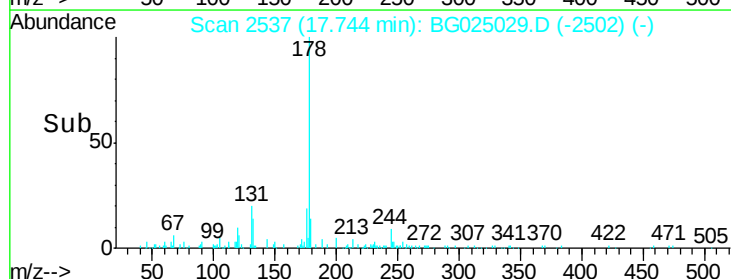
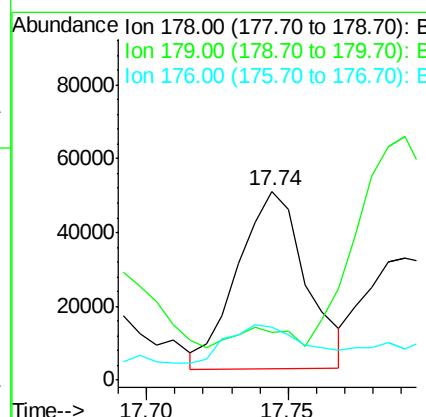
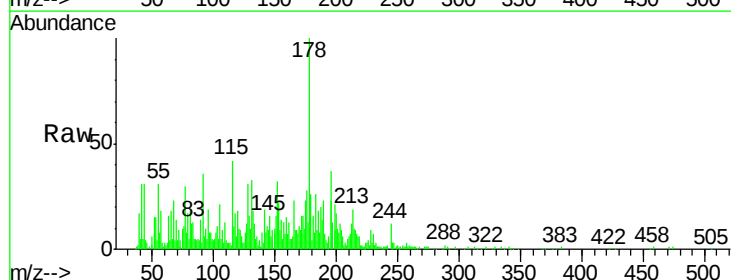
Manual Integrations
APPROVED

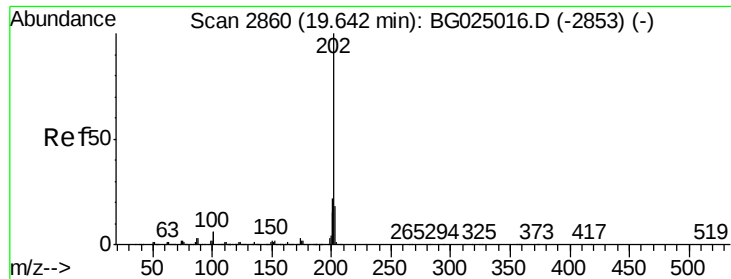
sohil
12/9/2016 3:41:57 PM



#71
Anthracene
Concen: 2.51 ng/ul m
RT: 17.74 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BG025029.D
Acq: 9 Dec 2016 5:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.5	12.6	19.0#
176	28.2	15.9	23.9#





#74

Fluoranthene

Concen: 1.73 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

Instrument :

BNA_G

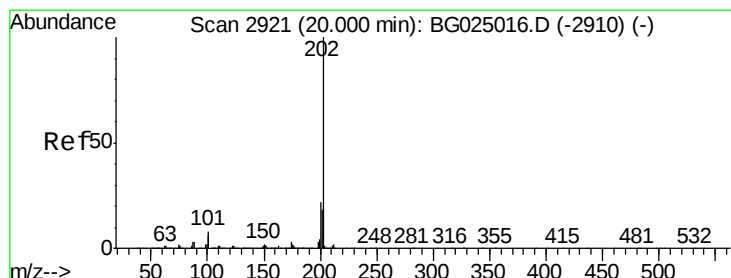
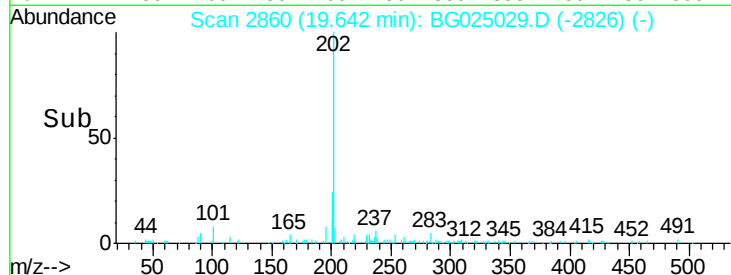
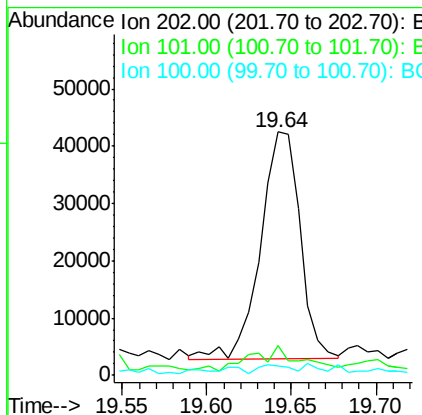
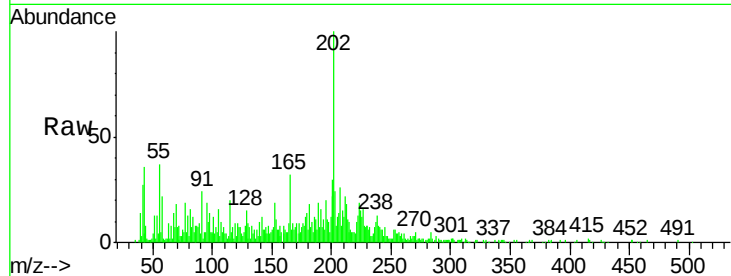
ClientSampled :

DA802

Tot Ion:	202	Resp:	64184
Ion Ratio	Lower	Upper	
202	100		
101	12.3	6.2	9.2#
100	3.8	5.2	7.8#

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:57 PM



#77

Pyrene

Concen: 1.78 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BG025029.D

Acq: 9 Dec 2016 5:48

Tgt Ion:	202	Resp:	73591
Ion Ratio	Lower	Upper	
202	100		
101	11.0	6.9	10.3#
100	6.0	6.6	10.0#

