

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025025.D
 Acq On : 9 Dec 2016 3:11
 Operator : UM/SJ
 Sample : H5863-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z9

Quant Time: Dec 09 06:34:45 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	83338	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	368551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	302248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	670301	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	855828	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	885469	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	9464	5.87	ng/uL	0.00
5) Phenol-d5	7.39	99	151867	21.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	98206	22.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	110989	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	131155	21.83	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	61908	23.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	71739	22.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	138057	22.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	148622	24.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	503423	24.21	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	528103	23.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	80690	22.58	ng/ul	0.00
57) Fluorene-d10	15.85	176	462451	23.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	104580	25.23	ng/ul	0.00
70) Anthracene-d10	17.70	188	733830	25.94	ng/ul	0.00
76) Pyrene-d10	19.97	212	860316	24.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	919910	25.64	ng/ul	0.00

Target Compounds

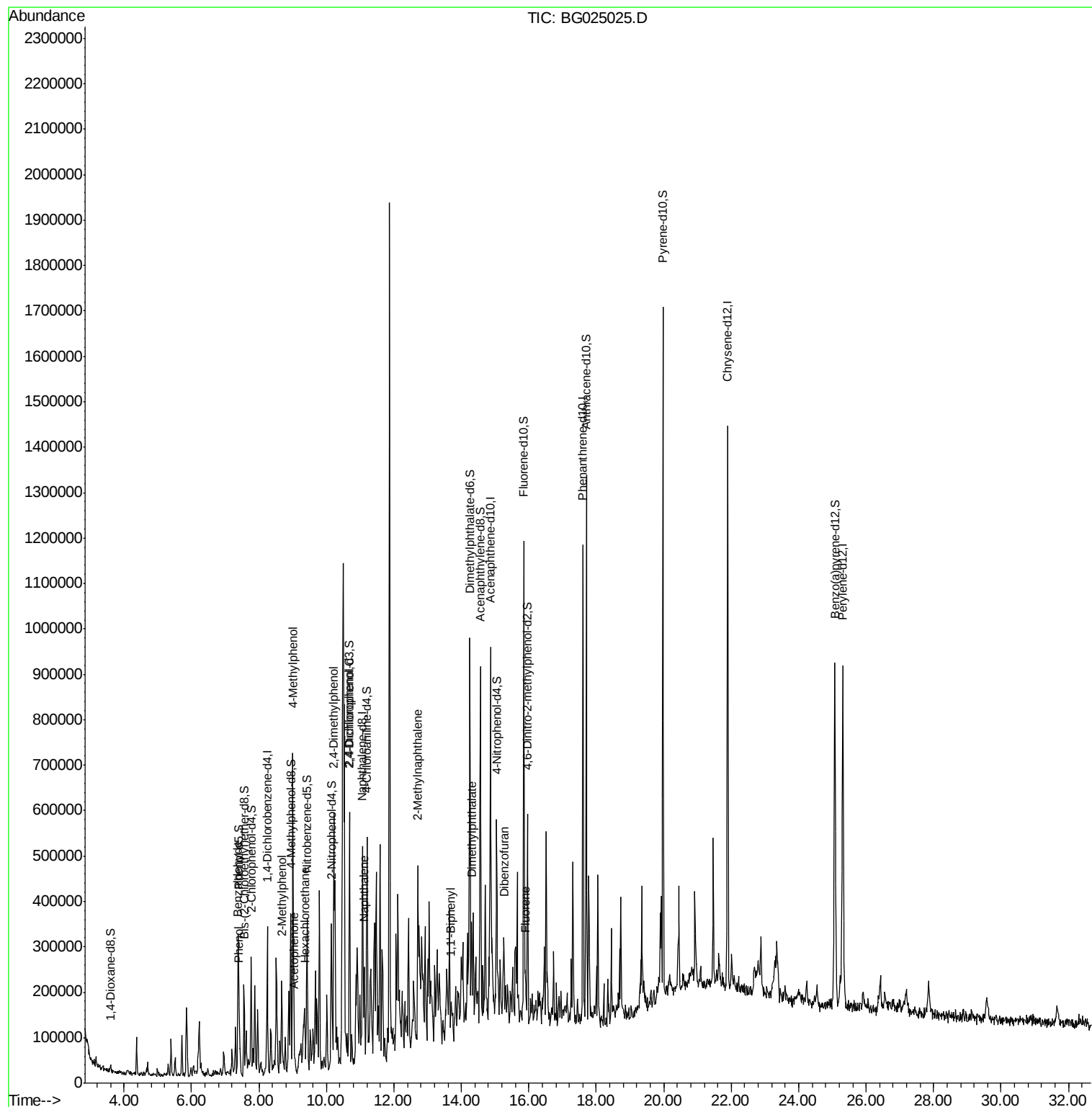
						Qvalue
4) Benzaldehyde	7.37	77	7198	1.33	ng/ul#	1
6) Phenol	7.41	94	64795	8.78	ng/ul#	86
11) 2-Methylphenol	8.67	108	62675	11.54	ng/ul	100
14) Acetophenone	9.04	105	39742	4.35	ng/ul#	34
16) 4-Methylphenol	9.01	108	260869	43.16	ng/ul	87
17) Hexachloroethane	9.35	117	9611	4.29	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	204182	27.05	ng/ul	93
27) 2,4-Dichlorophenol	10.69	162	9320	1.53	ng/ul#	69
28) Naphthalene	11.12	128	134686	7.86	ng/ul	96
34) 2-Methylnaphthalene	12.71	142	161474	11.94	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	34143	1.86	ng/ul#	91
44) Dimethylphthalate	14.31	163	136866	6.70	ng/ul#	92
53) Dibenzofuran	15.25	168	26193	1.09	ng/ul	97
58) Fluorene	15.90	166	29253	1.50	ng/ul	94

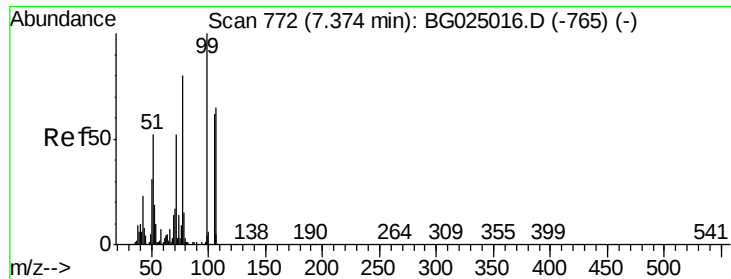
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.33 ng/ul

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025025.D

Acq: 9 Dec 2016 3:11

Instrument :

BNA_G

ClientSampleId :

DA7Z9

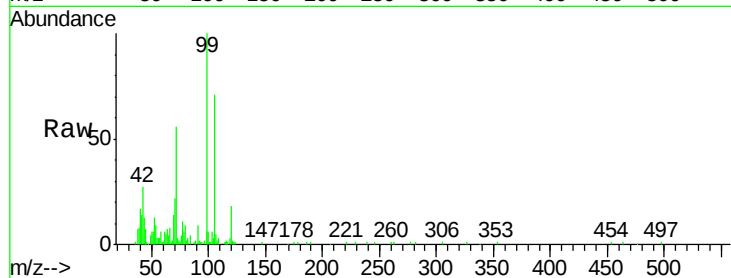
Tgt Ion: 77 Resp: 7198

Ion Ratio Lower Upper

77 100

105 642.9 62.0 93.0#

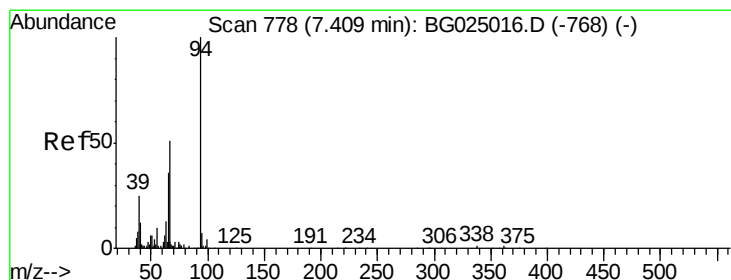
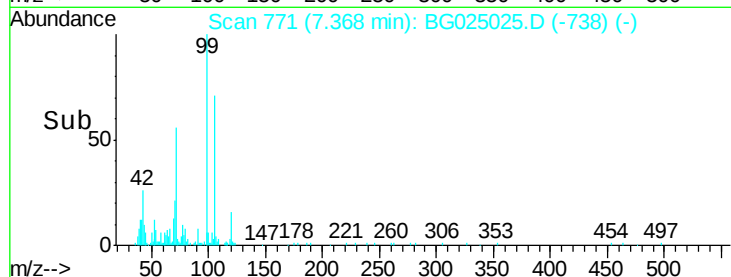
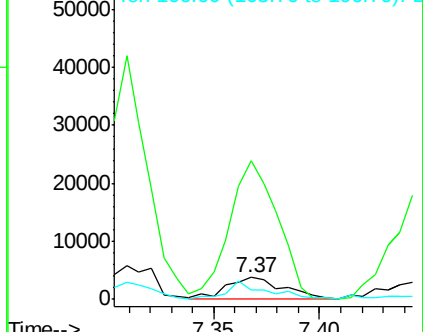
106 42.5 60.2 90.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 8.78 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG025025.D

Acq: 9 Dec 2016 3:11

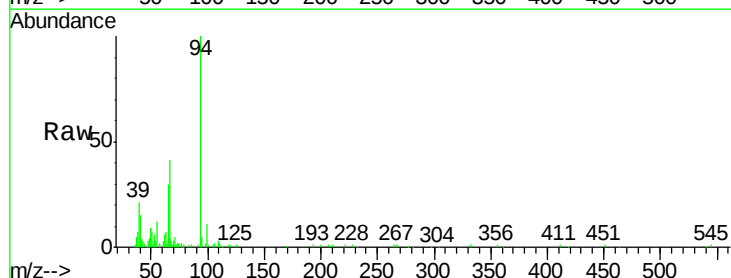
Tgt Ion: 94 Resp: 64795

Ion Ratio Lower Upper

94 100

65 30.4 26.8 40.2

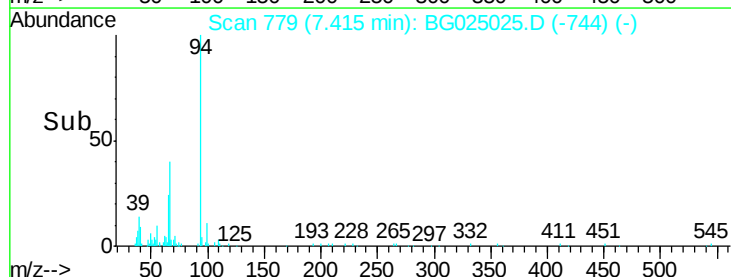
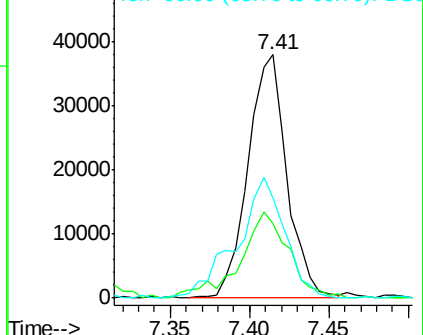
66 41.0 44.4 66.6#

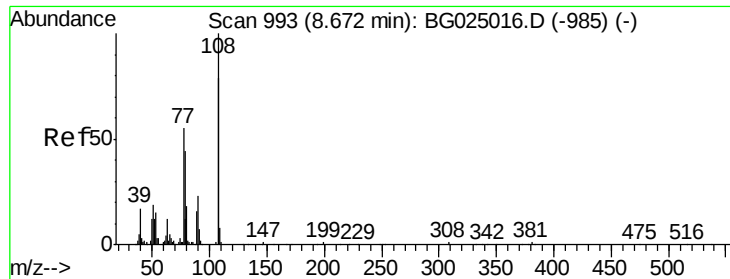


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

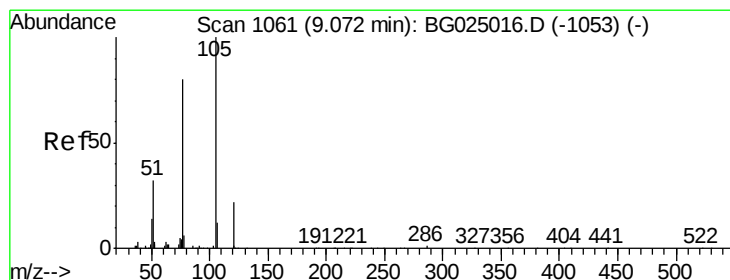
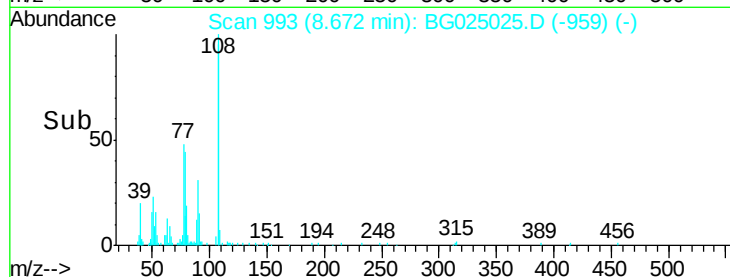
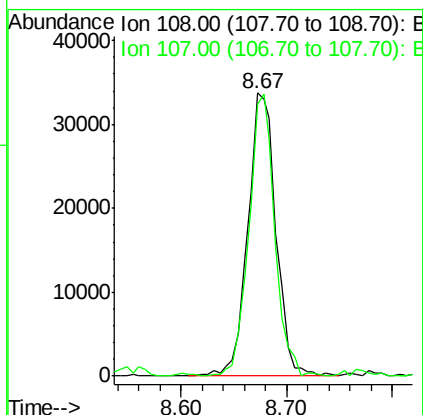
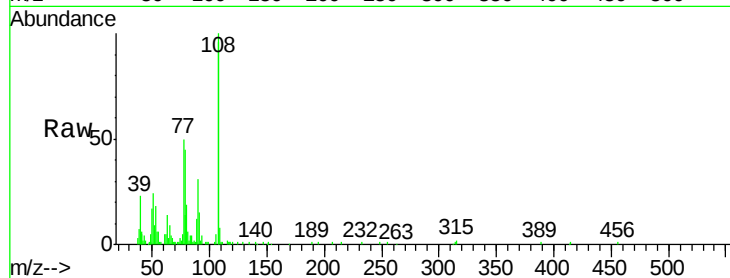




#11
 2-Methylphenol
 Concen: 11.54 ng/ul
 RT: 8.67 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BG025025.D
 Acq: 9 Dec 2016 3:11

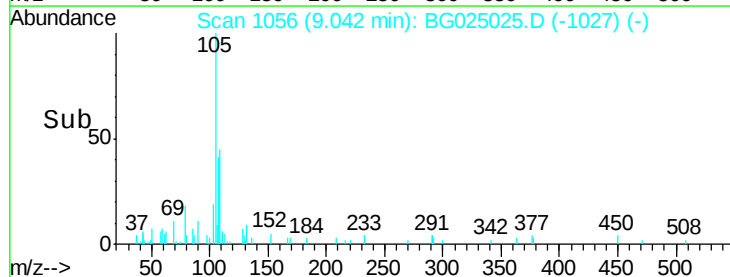
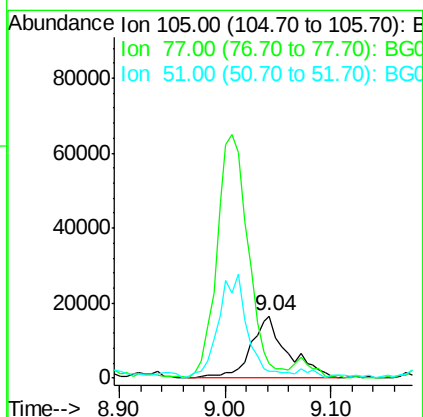
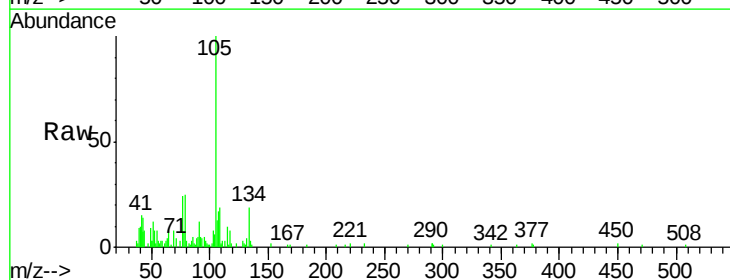
Instrument :
 BNA_G
 ClientSampleId :
 DA7Z9

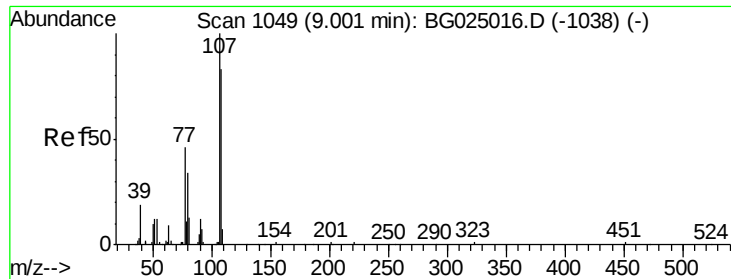
Tgt Ion:108 Resp: 62675
 Ion Ratio Lower Upper
 108 100
 107 96.2 76.7 115.1



#14
 Acetophenone
 Concen: 4.35 ng/ul
 RT: 9.04 min Scan# 1056
 Delta R.T. -0.03 min
 Lab File: BG025025.D
 Acq: 9 Dec 2016 3:11

Tgt Ion:105 Resp: 39742
 Ion Ratio Lower Upper
 105 100
 77 24.0 76.0 114.0#
 51 11.7 34.8 52.2#

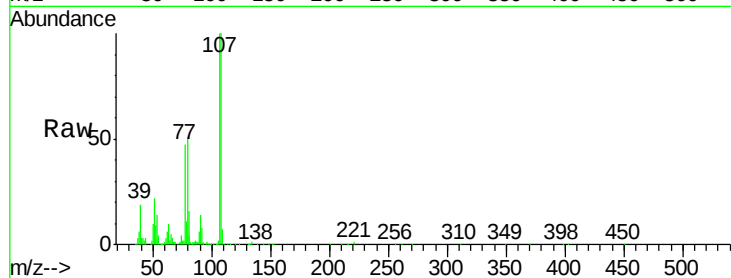




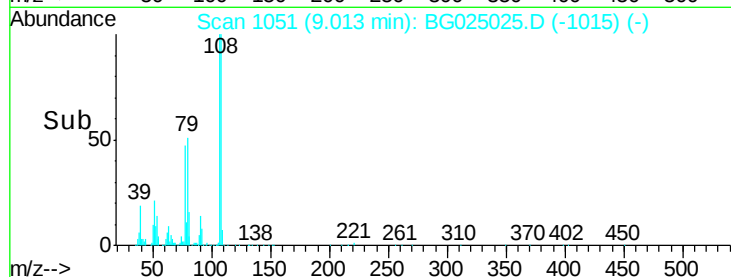
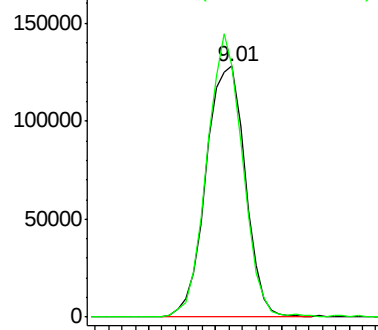
#16
4-Methylphenol
Concen: 43.16 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025025.D
Acq: 9 Dec 2016 3:11

Instrument :
BNA_G
ClientSampleId :
DA7Z9

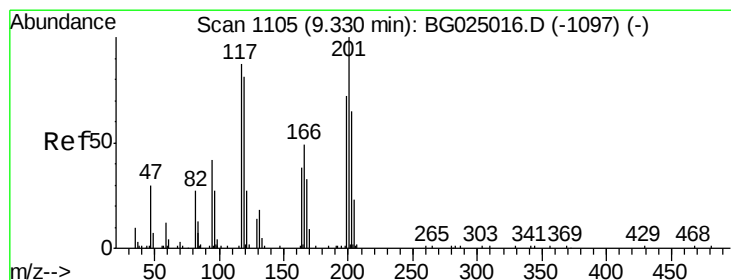
Tgt Ion:108 Resp: 260869
Ion Ratio Lower Upper
108 100
107 100.1 91.7 137.5



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

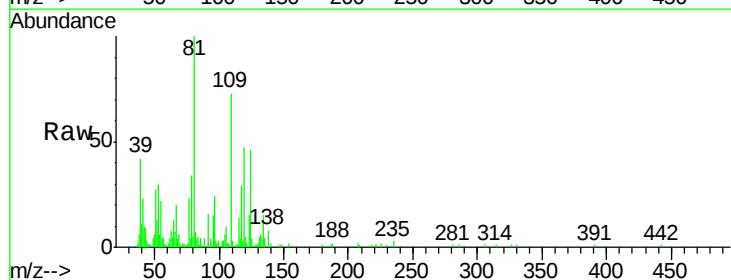


Time-->

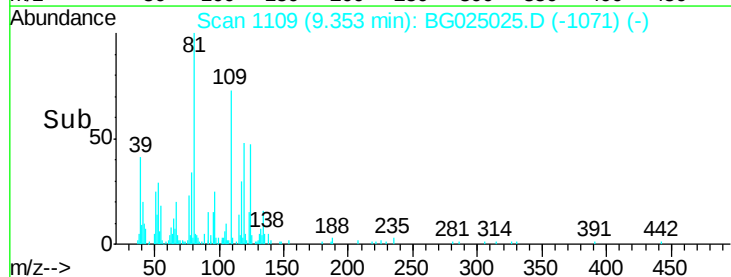
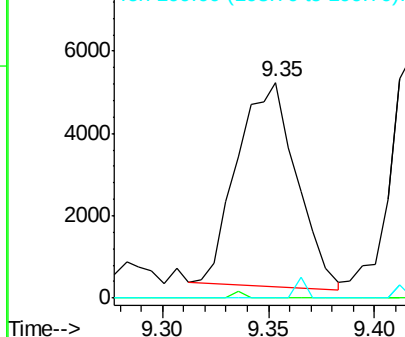


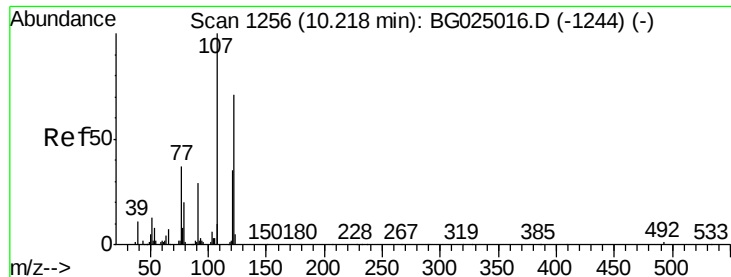
#17
Hexachloroethane
Concen: 4.29 ng/ul
RT: 9.35 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BG025025.D
Acq: 9 Dec 2016 3:11

Tgt Ion:117 Resp: 9611
Ion Ratio Lower Upper
117 100
201 0.0 91.9 137.9#
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

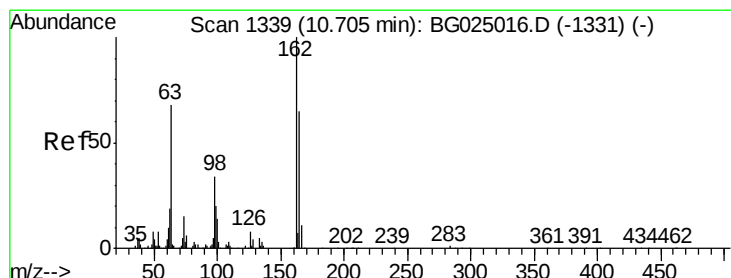
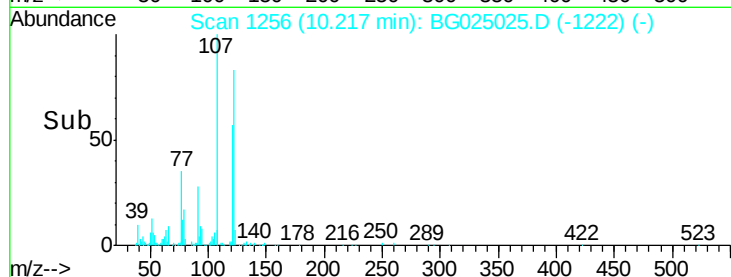
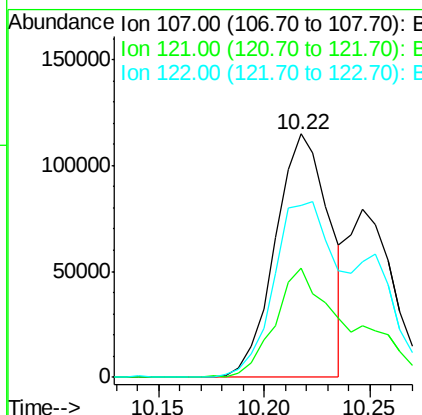
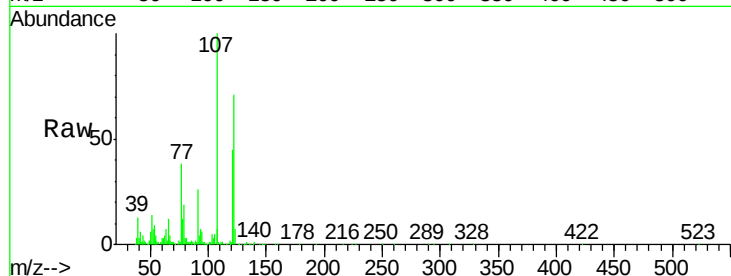




#24
2,4-Dimethylphenol
Concen: 27.05 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025025.D
Acq: 9 Dec 2016 3:11

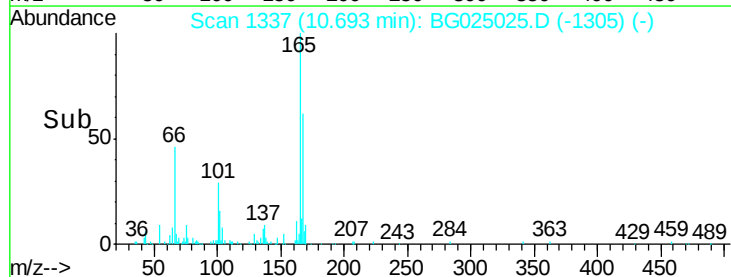
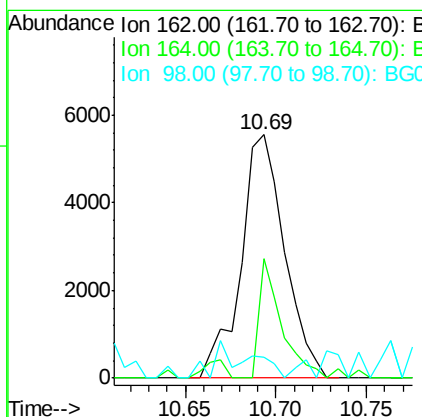
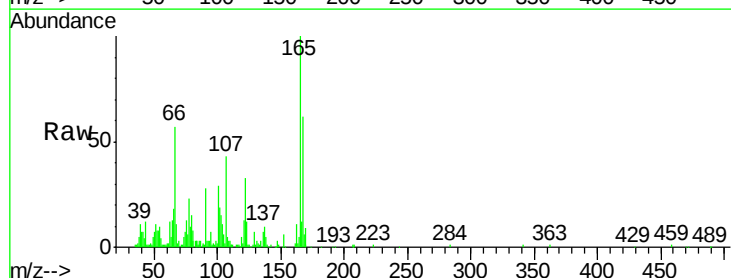
Instrument :
BNA_G
ClientSampleId :
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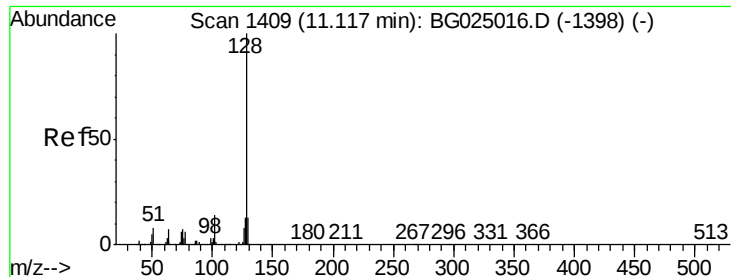
Tgt Ion	Ratio	Lower	Upper
107	100		
121	44.8	32.3	48.5
122	70.8	61.2	91.8



#27
2,4-Dichlorophenol
Concen: 1.53 ng/ul
RT: 10.69 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG025025.D
Acq: 9 Dec 2016 3:11

Tgt Ion	Ratio	Lower	Upper
162	100		
164	49.2	50.8	76.2#
98	8.6	32.1	48.1#

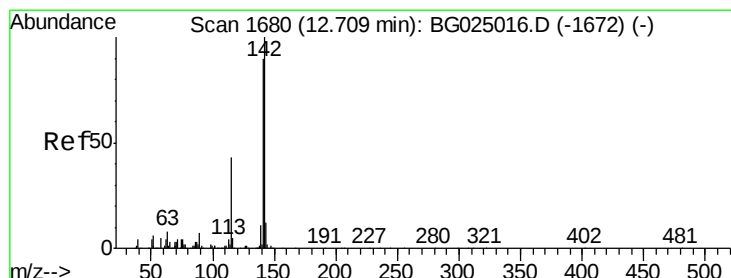
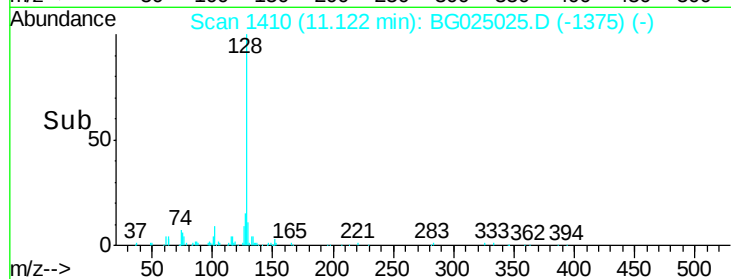
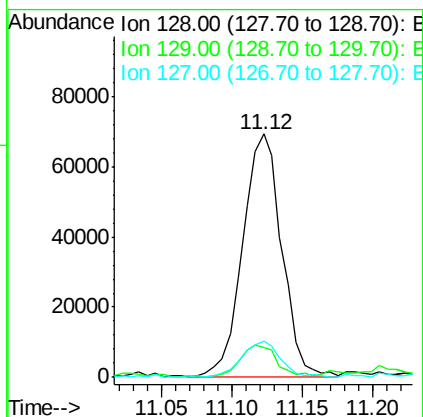
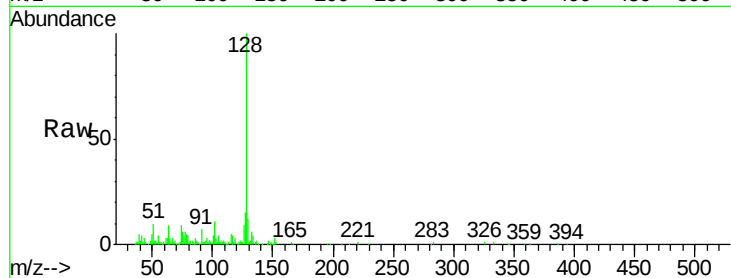




#28
Naphthalene
Concen: 7.86 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025025.D
Acq: 9 Dec 2016 3:11

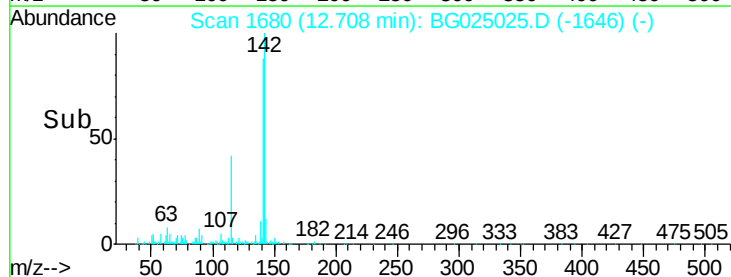
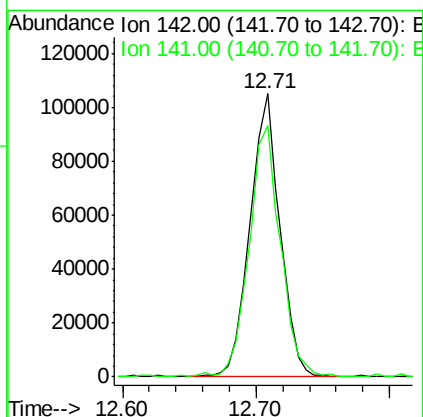
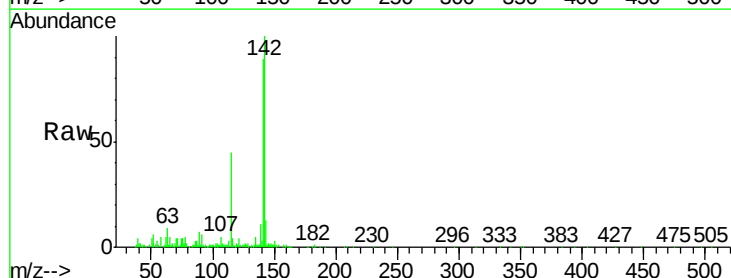
Instrument :
BNA_G
ClientSampleId :
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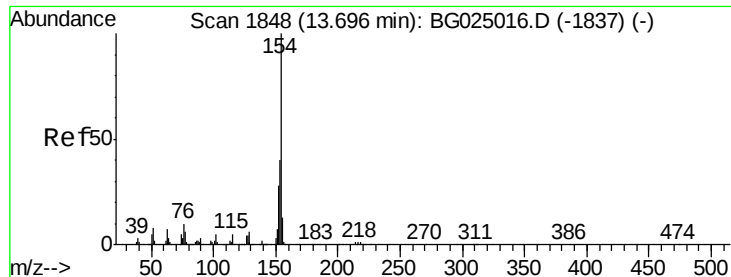
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.2
127	15.1	10.3	15.5



#34
2-Methylnaphthalene
Concen: 11.94 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BG025025.D
Acq: 9 Dec 2016 3:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	68.6	102.8

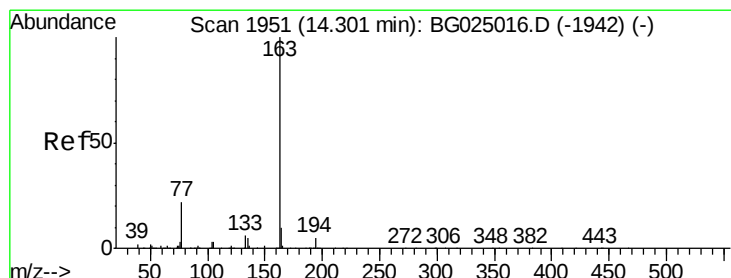
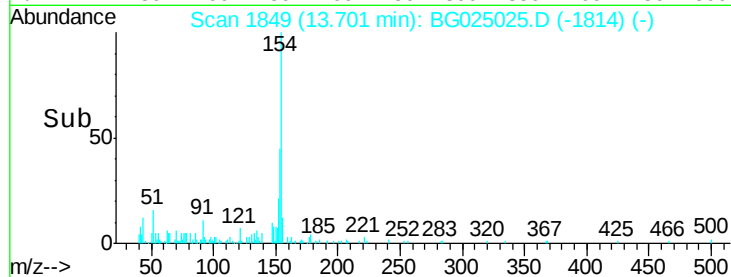
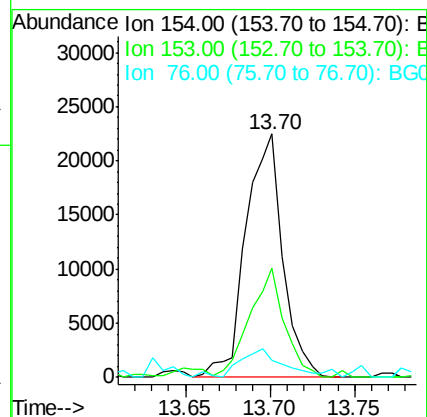
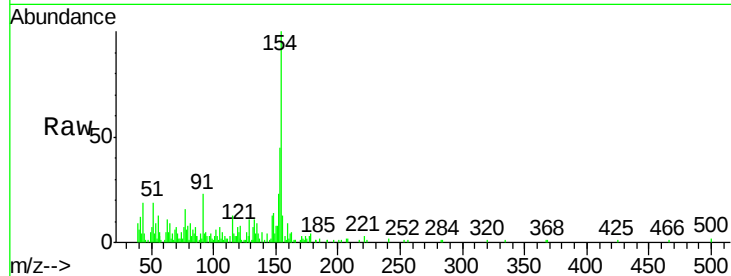




#40
 1,1'-Biphenyl
 Concen: 1.86 ng/ul
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG025025.D
 Acq: 9 Dec 2016 3:11

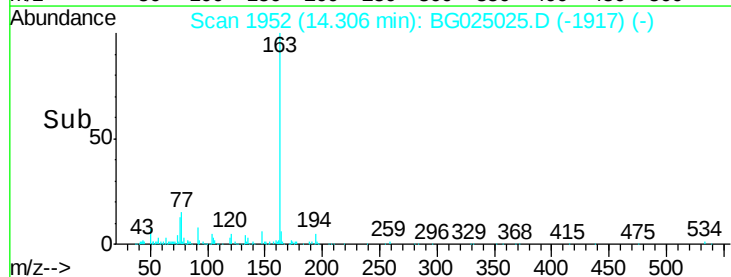
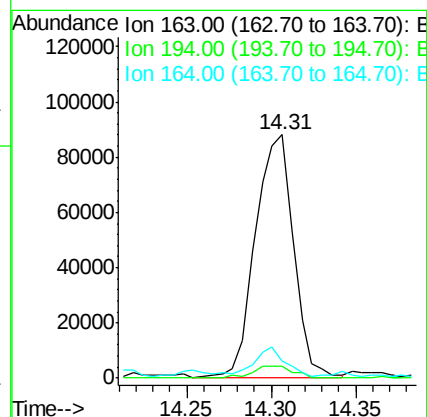
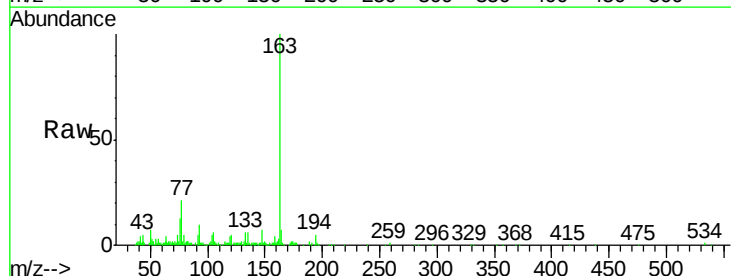
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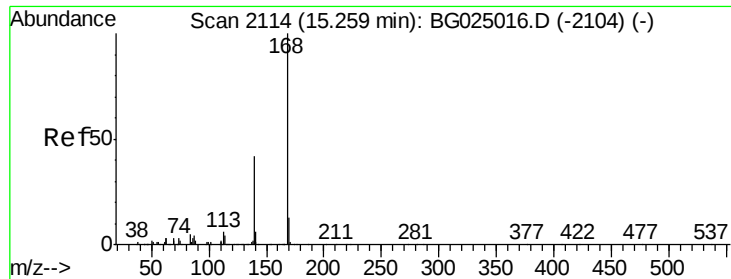
Tgt Ion:154 Resp: 34143
 Ion Ratio Lower Upper
 154 100
 153 45.1 32.2 48.2
 76 7.2 9.6 14.4#



#44
 Dimethylphthalate
 Concen: 6.70 ng/ul
 RT: 14.31 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BG025025.D
 Acq: 9 Dec 2016 3:11

Tgt Ion:163 Resp: 136866
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.4 5.0
 164 7.3 9.0 13.4#





#53

Dibenzenofuran

Concen: 1.09 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG025025.D

Acq: 9 Dec 2016 3:11

Instrument :

BNA_G

ClientSampleId :

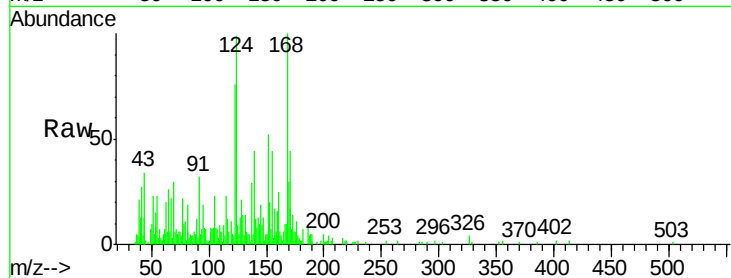
DA7Z9

Tgt Ion:168 Resp: 26193

Ion Ratio Lower Upper

168 100

139 44.4 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.25

15000

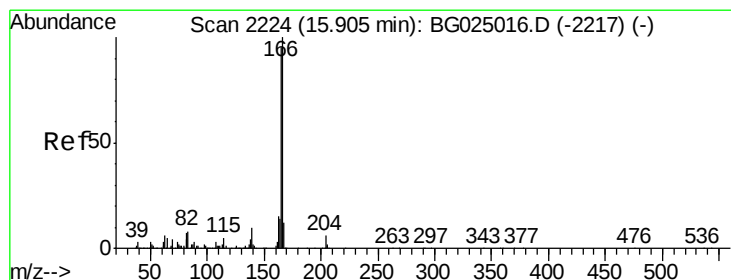
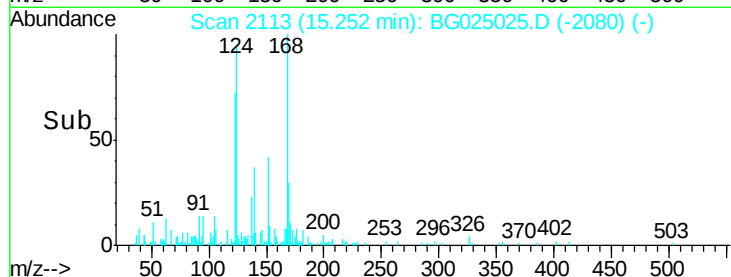
10000

5000

0

15.20 15.25 15.30

Time-->



#58

Fluorene

Concen: 1.50 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG025025.D

Acq: 9 Dec 2016 3:11

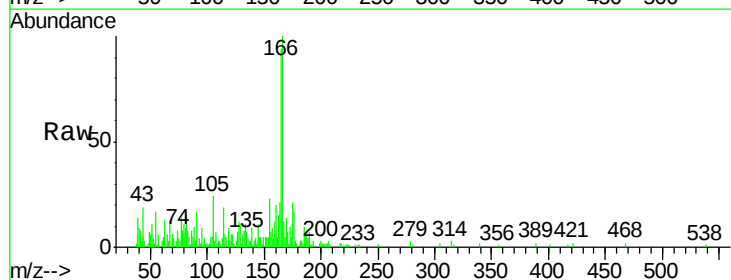
Tgt Ion:166 Resp: 29253

Ion Ratio Lower Upper

166 100

165 93.7 79.7 119.5

167 11.8 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

15.90

25000

20000

15000

10000

5000

0

15.85 15.90 15.95

Time-->

