

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025189.D
 Acq On : 14 Dec 2016 23:35
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA827

Quant Time: Dec 15 04:03:17 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	8.23	152	77244	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	370738	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	294999	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	613257	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	748055	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	751052	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	4357	2.91	ng/uL	0.00
5) Phenol-d5	7.39	99	121676	18.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	79914	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	83555	17.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	104751	18.81	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	49712	18.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	54909	16.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	107485	17.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	57310	9.26	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	388031	19.12	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	443439	19.95	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	59080	16.94	ng/ul	0.00
57) Fluorene-d10	15.85	176	355819	18.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	68683	18.11	ng/ul	0.00
70) Anthracene-d10	17.70	188	545327	21.07	ng/ul	0.00
76) Pyrene-d10	19.97	212	678316	22.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	680365	22.36	ng/ul	0.00

Target Compounds

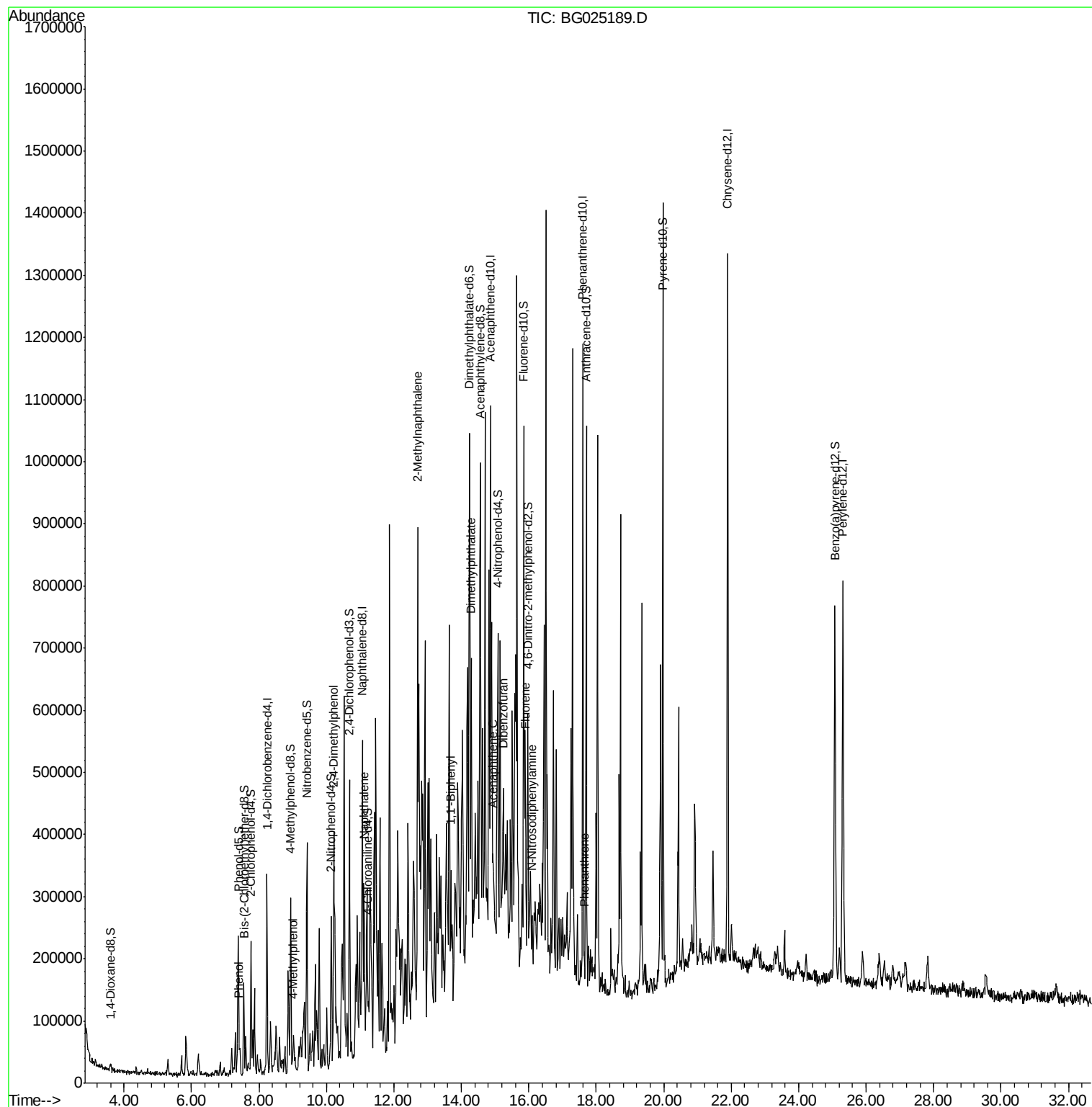
						Qvalue
6) Phenol	7.42	94	8289	1.21	ng/ul#	74
16) 4-Methylphenol	9.01	108	8462	1.51	ng/ul	93
24) 2,4-Dimethylphenol	10.21	107	185685	24.46	ng/ul	97
28) Naphthalene	11.12	128	182841	10.61	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	354234	26.05	ng/ul	97
40) 1,1'-Biphenyl	13.69	154	88749	4.96	ng/ul	94
44) Dimethylphthalate	14.30	163	238338	11.95	ng/ul	98
49) Acenaphthene	14.92	153	26508	1.79	ng/ul#	75
53) Dibenzofuran	15.25	168	50692	2.17	ng/ul	94
58) Fluorene	15.90	166	62351	3.27	ng/ul#	96
64) N-Nitrosodiphenylamine	16.11	169	17647	1.12	ng/ul#	63
69) Phenanthrene	17.64	178	38659	1.32	ng/ul#	87

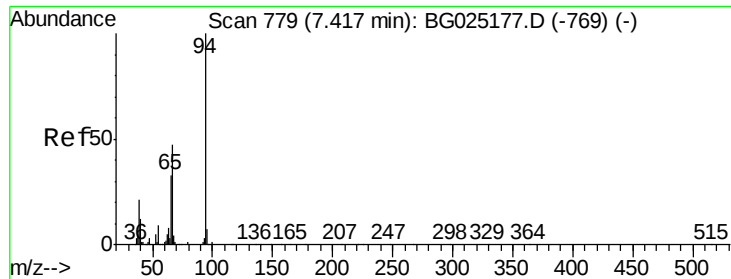
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.21 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025189.D

Acq: 14 Dec 2016 23:35

Instrument :

BNA_G

ClientSampleId :

DA827

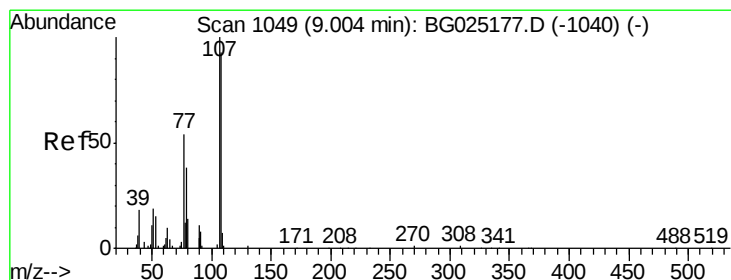
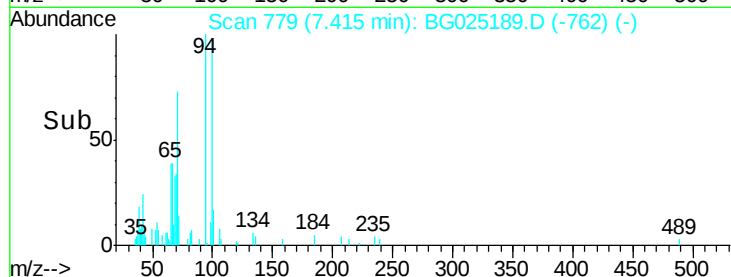
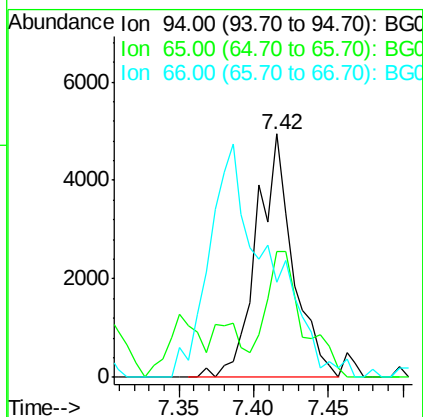
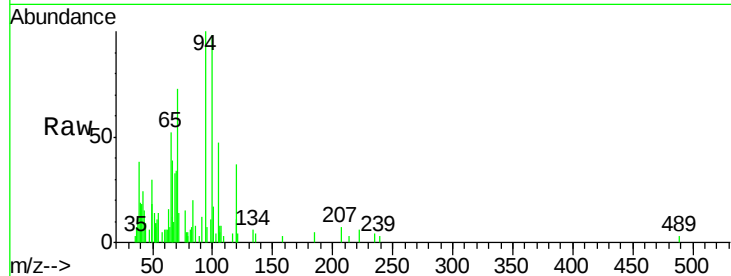
Tgt Ion: 94 Resp: 8289

Ion Ratio Lower Upper

94 100

65 51.8 26.8 40.2#

66 39.0 44.4 66.6#



#16

4-Methylphenol

Concen: 1.51 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG025189.D

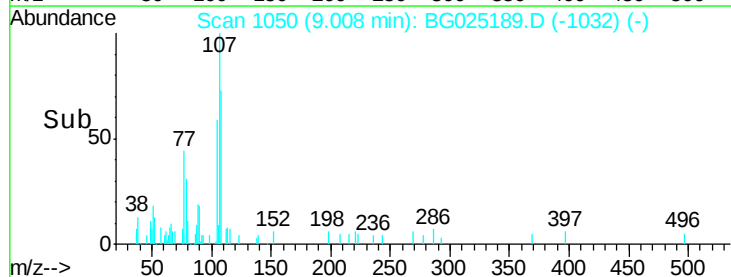
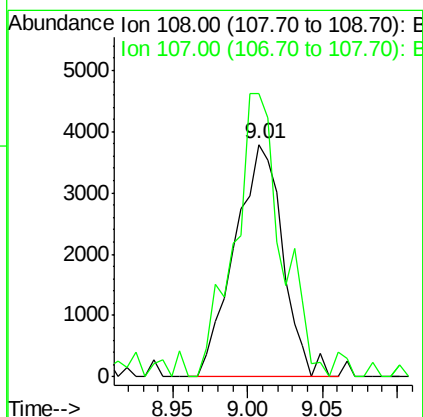
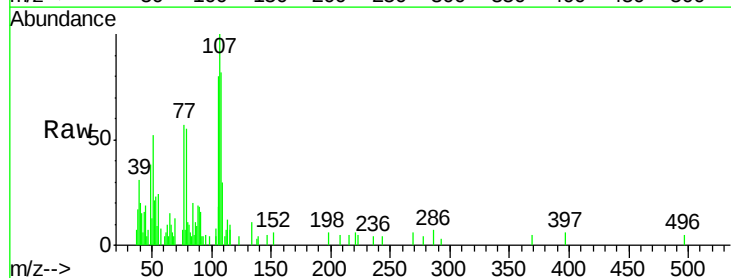
Acq: 14 Dec 2016 23:35

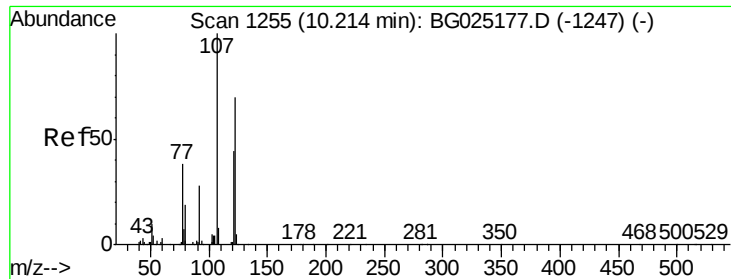
Tgt Ion: 108 Resp: 8462

Ion Ratio Lower Upper

108 100

107 121.8 91.7 137.5

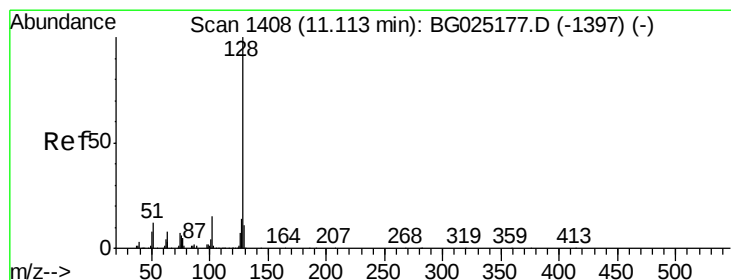
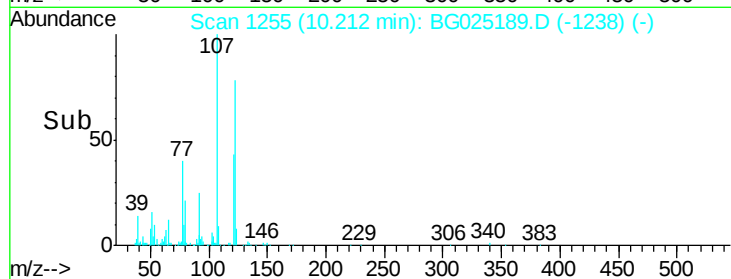
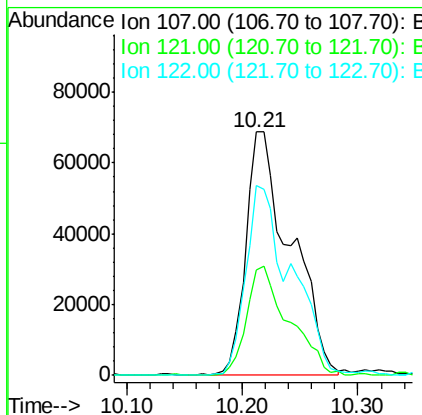
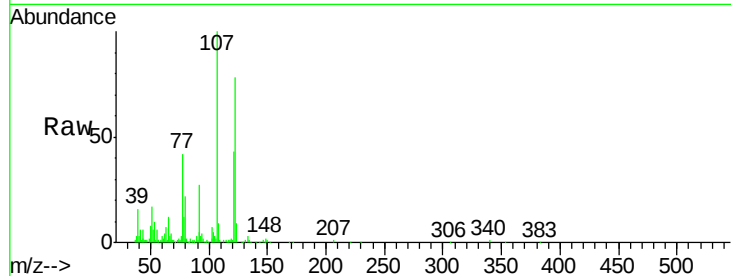




#24
2,4-Dimethylphenol
Concen: 24.46 ng/ul
RT: 10.21 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG025189.D
Acq: 14 Dec 2016 23:35

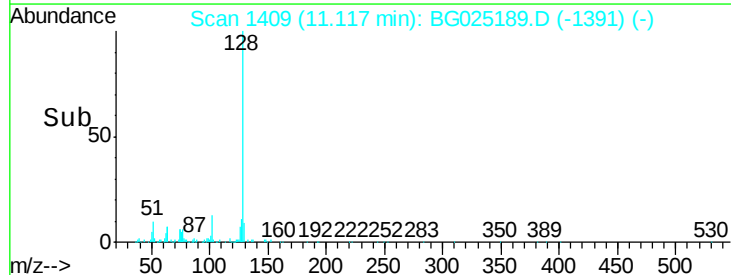
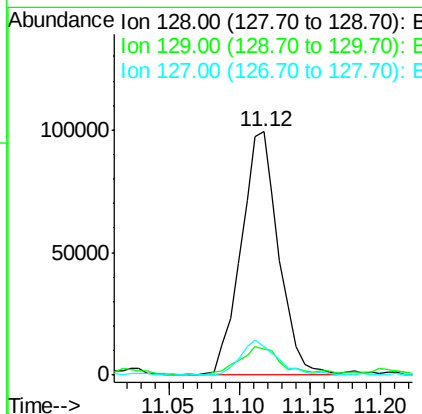
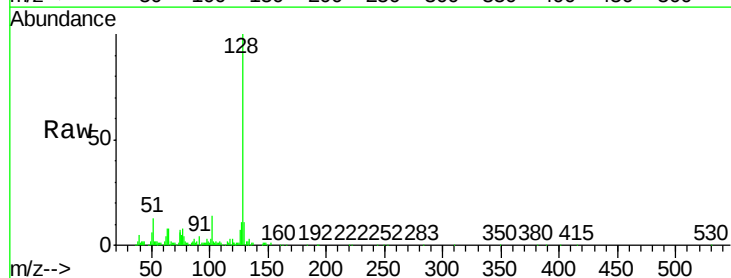
Instrument :
BNA_G
ClientSampleId :
DA827

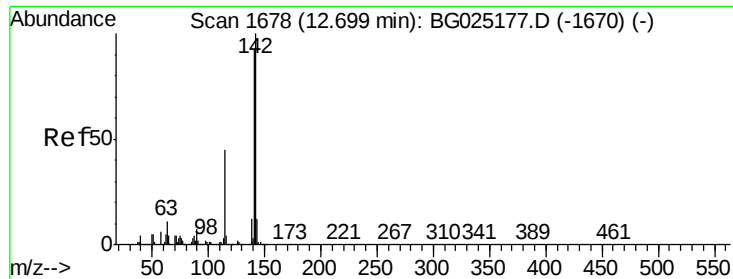
Tgt Ion	Ratio	Lower	Upper
107	100		
121	43.4	32.3	48.5
122	78.1	61.2	91.8



#28
Naphthalene
Concen: 10.61 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025189.D
Acq: 14 Dec 2016 23:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	11.5	10.3	15.5

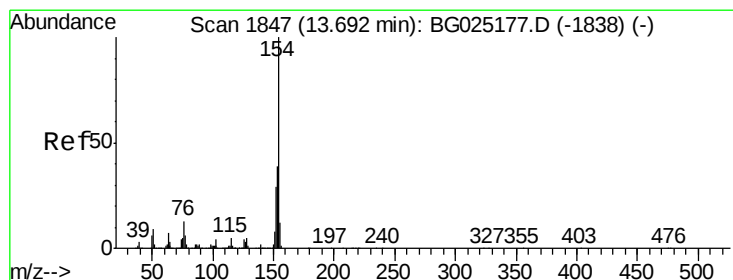
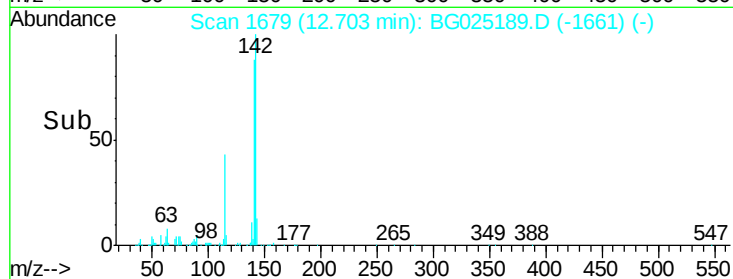
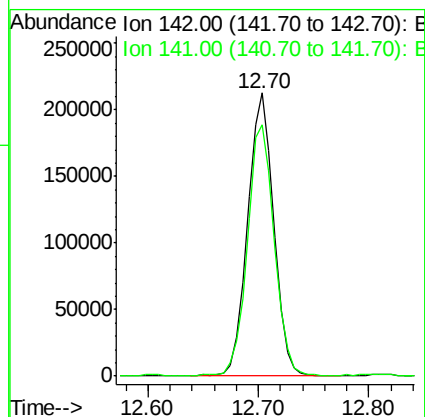
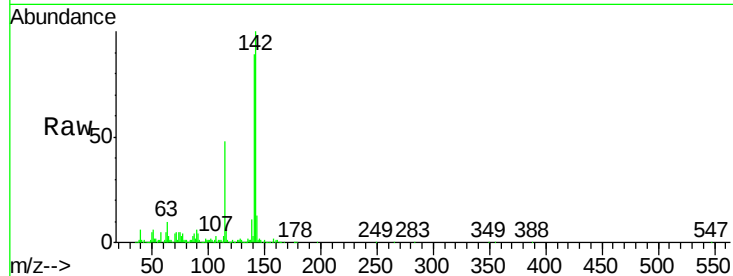




#34
 2-Methylnaphthalene
 Concen: 26.05 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG025189.D
 Acq: 14 Dec 2016 23:35

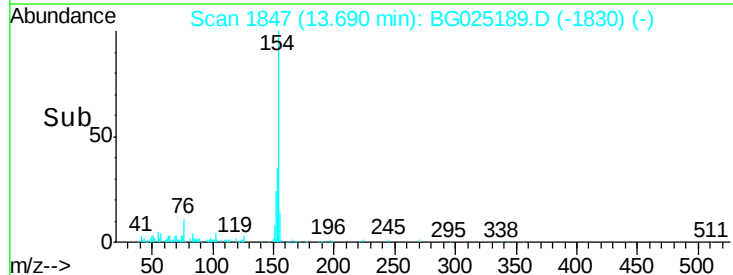
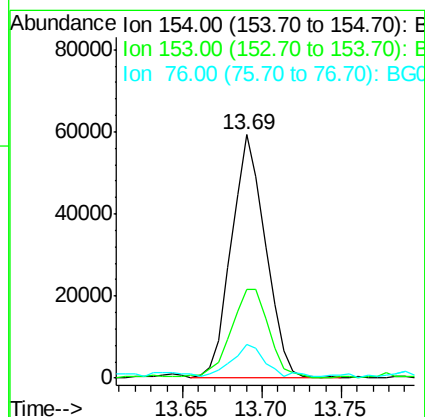
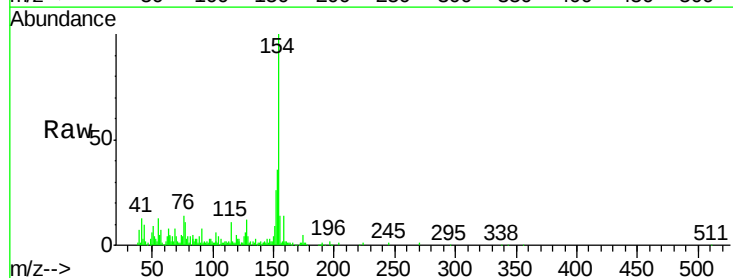
Instrument :
 BNA_G
 ClientSampleId :
 DA827

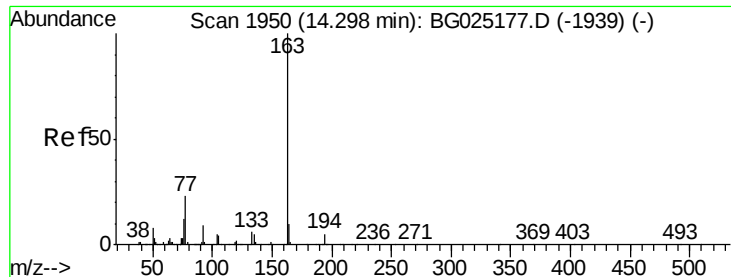
Tgt Ion:142 Resp: 354234
 Ion Ratio Lower Upper
 142 100
 141 88.6 68.6 102.8



#40
 1,1'-Biphenyl
 Concen: 4.96 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG025189.D
 Acq: 14 Dec 2016 23:35

Tgt Ion:154 Resp: 88749
 Ion Ratio Lower Upper
 154 100
 153 36.3 32.2 48.2
 76 13.6 9.6 14.4





#44

Dimethylphthalate

Concen: 11.95 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025189.D

Acq: 14 Dec 2016 23:35

Instrument :

BNA_G

ClientSampleId :

DA827

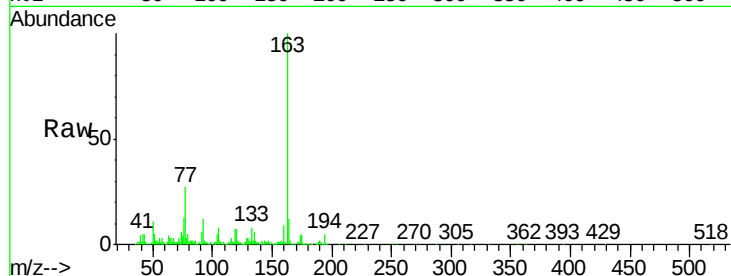
Tgt Ion:163 Resp: 238338

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

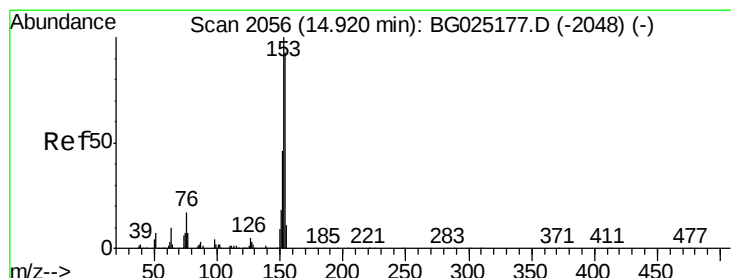
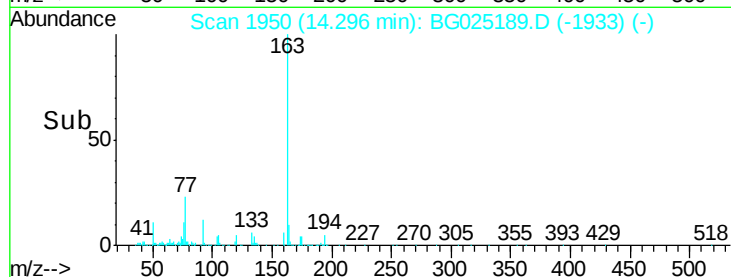
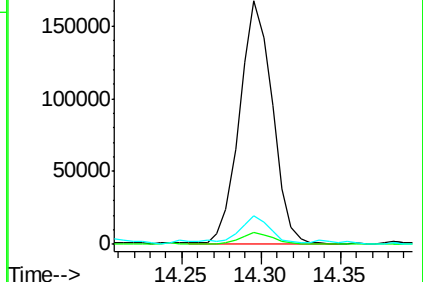
164 11.9 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 1.79 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025189.D

Acq: 14 Dec 2016 23:35

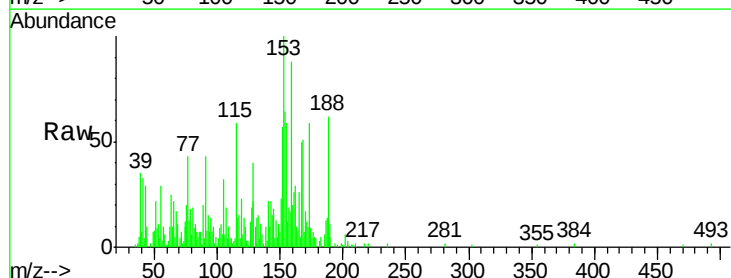
Tgt Ion:153 Resp: 26508

Ion Ratio Lower Upper

153 100

152 57.3 36.5 54.7#

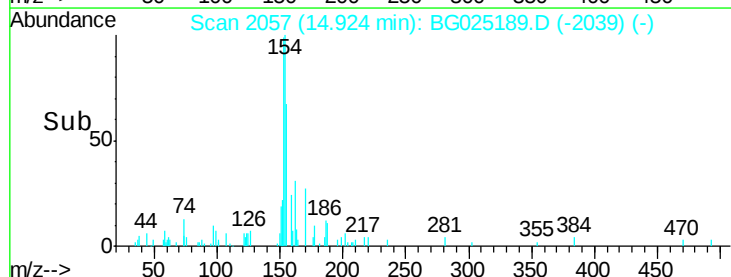
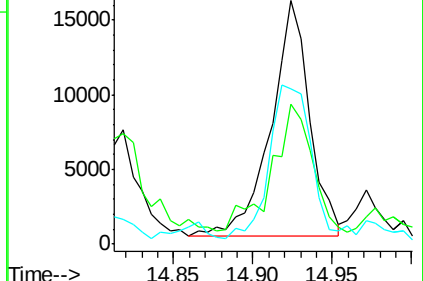
154 63.9 72.3 108.5#

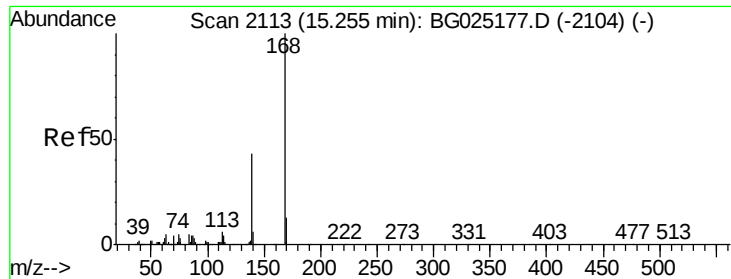


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 2.17 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG025189.D

Acq: 14 Dec 2016 23:35

Instrument :

BNA_G

ClientSampleId :

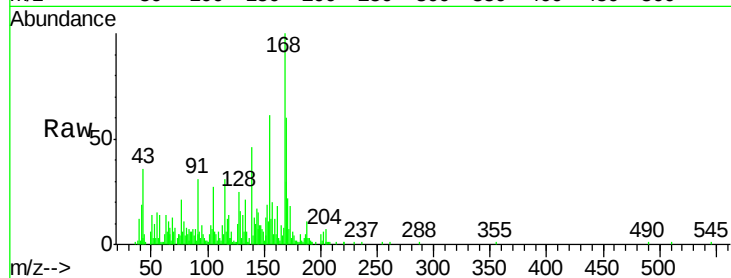
DA827

Tgt Ion:168 Resp: 50692

Ion Ratio Lower Upper

168 100

139 46.0 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

30000

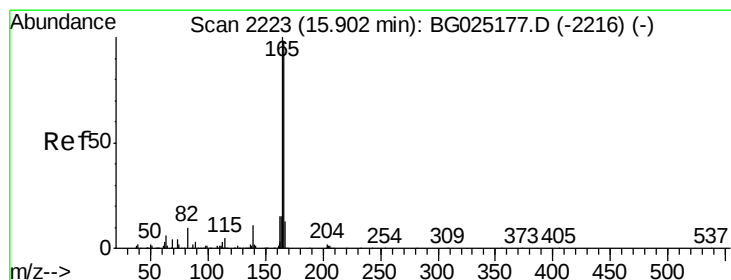
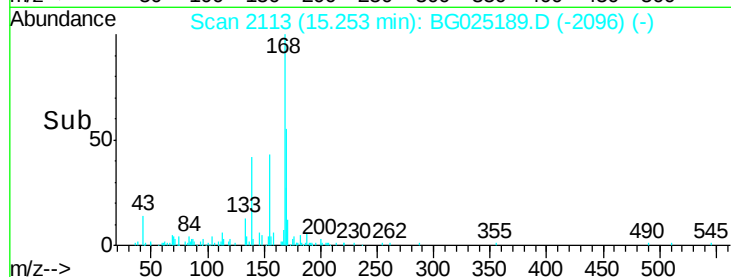
20000

10000

0

15.20 15.25 15.30

Time-->



#58

Fluorene

Concen: 3.27 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025189.D

Acq: 14 Dec 2016 23:35

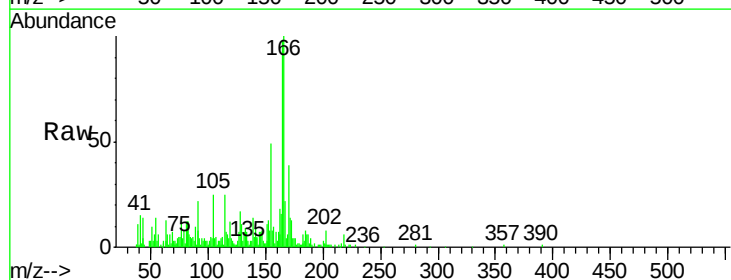
Tgt Ion:166 Resp: 62351

Ion Ratio Lower Upper

166 100

165 97.7 79.7 119.5

167 22.5 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

50000

40000

30000

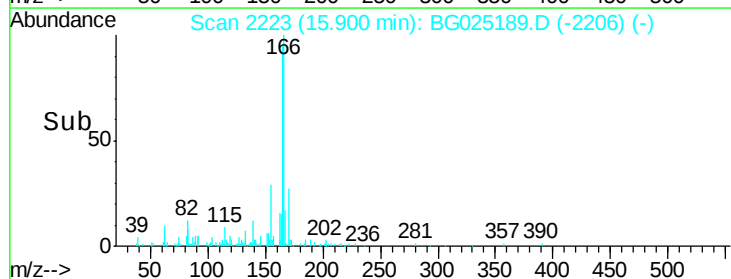
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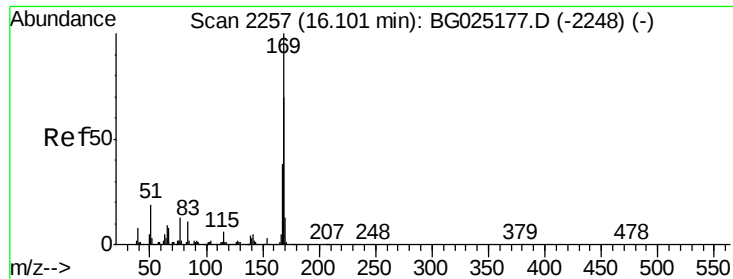
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0

15.85 15.90 15.95

Time-->





#64

N-Nitrosodiphenylamine

Concen: 1.12 ng/ul

RT: 16.11 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG025189.D

Acq: 14 Dec 2016 23:35

Instrument :

BNA_G

ClientSampleId :

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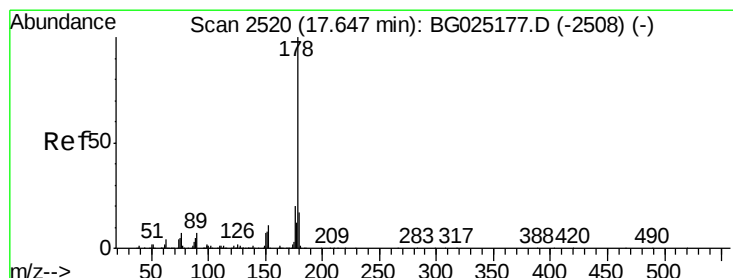
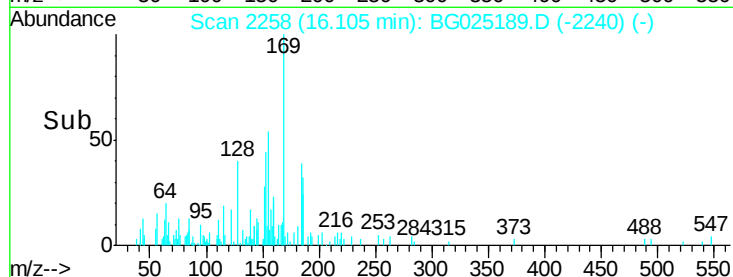
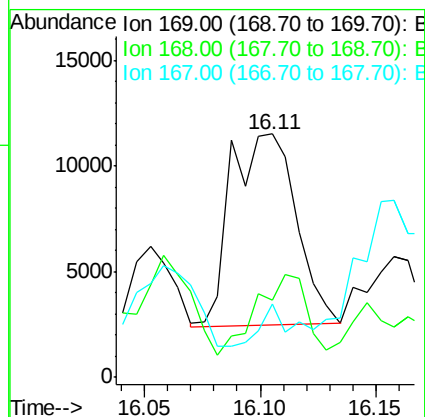
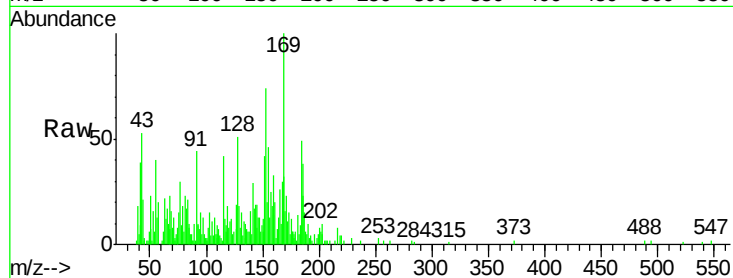
Tgt Ion:169 Resp: 17647

Ion Ratio Lower Upper

169 100

168 31.6 59.1 88.7#

167 30.0 29.7 44.5



#69

Phenanthrene

Concen: 1.32 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025189.D

Acq: 14 Dec 2016 23:35

Tgt Ion:178 Resp: 38659

Ion Ratio Lower Upper

178 100

179 24.9 12.4 18.6#

176 23.2 16.5 24.7

