

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020368.D
 Acq On : 21 Dec 2015 7:43
 Operator : UM/SJ
 Sample : G4848-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N62

Quant Time: Dec 22 00:22:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:46:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19594	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	84482	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	58448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	142331	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	179400	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	164411	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2560	7.21	ng/uL	0.00
5) Phenol-d5	7.25	99	72424	41.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	43354	42.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	57572	45.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	63118	42.72	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	31133	47.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	36631	49.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	67195	45.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	84323	50.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	221906	46.94	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	258833	47.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	33498	39.51	ng/ul	0.00
58) Fluorene-d10	15.71	176	197767	46.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	32430	38.44	ng/ul	0.00
71) Anthracene-d10	17.57	188	311371	47.48	ng/ul	0.00
79) Pyrene-d10	19.85	212	369662	44.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	415178	50.63	ng/ul	0.00

Target Compounds

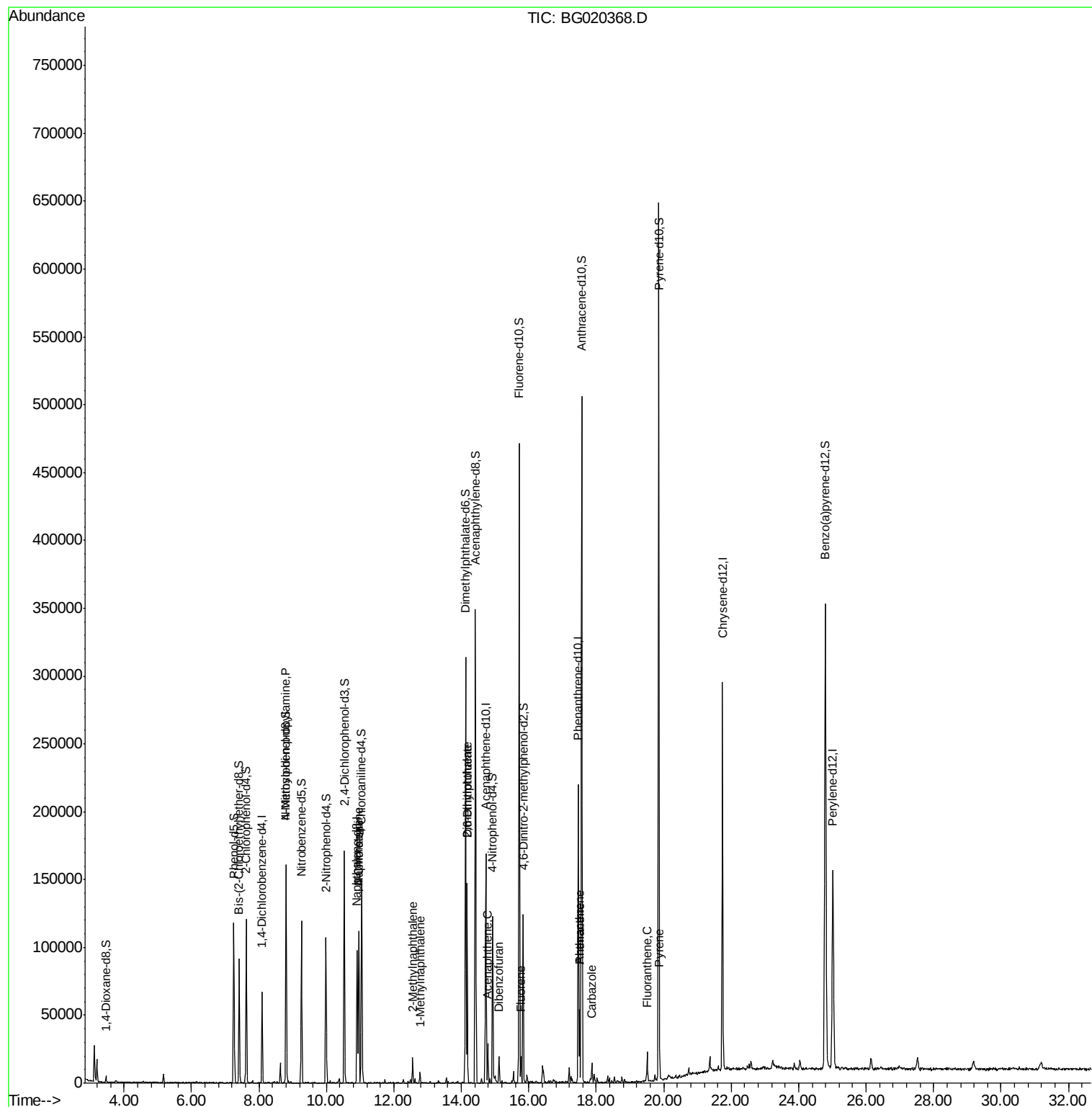
						Qvalue
15) N-Nitroso-di-n-propylamine	8.80	70	1693	1.38	ng/ul#	1
28) Naphthalene	10.96	128	96476	21.87	ng/ul	97
30) 4-Chloroaniline	10.96	127	13063	7.67	ng/ul#	10
34) 2-Methylnaphthalene	12.56	142	9765	2.90	ng/ul	90
35) 1-Methylnaphthalene	12.77	142	5137	1.59	ng/ul#	93
45) Dimethylphthalate	14.17	163	99902	20.69	ng/ul	99
46) 2,6-Dinitrotoluene	14.17	165	1185	1.19	ng/ul#	64
50) Acenaphthene	14.79	153	13336	3.39	ng/ul	96
54) Dibenzofuran	15.12	168	13585	2.32	ng/ul	96
59) Fluorene	15.76	166	9096	1.94	ng/ul	99
70) Phenanthrene	17.51	178	35240	4.53	ng/ul	100
72) Anthracene	17.51	178	35240	4.46	ng/ul	98
75) Carbazole	17.87	167	10566	1.59	ng/ul	98
77) Fluoranthene	19.51	202	15439	1.70	ng/ul	98
80) Pyrene	19.88	202	11164	1.03	ng/ul#	97

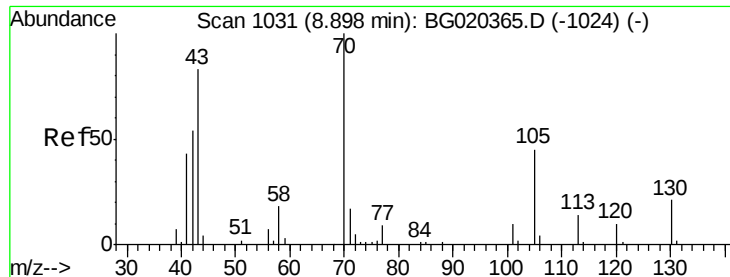
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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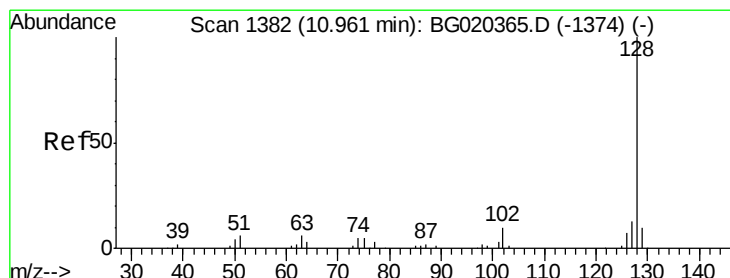
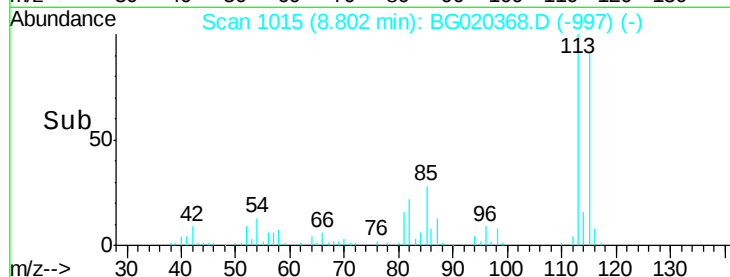
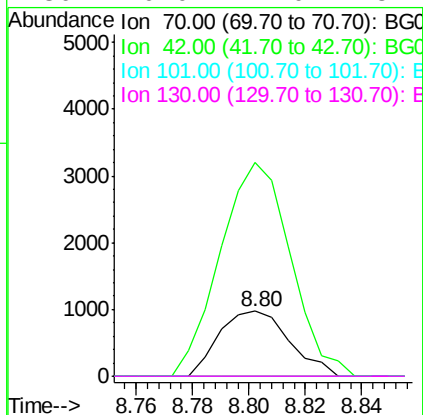
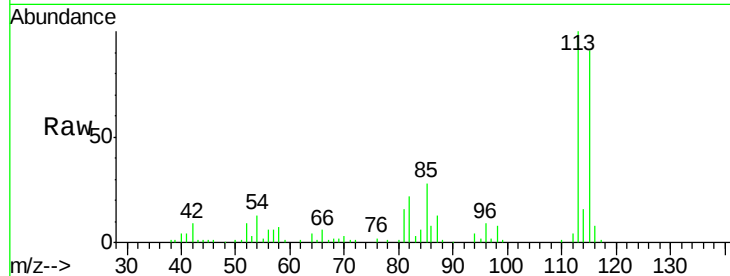




#15
N-Nitroso-di-n-propylamine
Concen: 1.38 ng/ul
RT: 8.80 min Scan# 1015
Delta R.T. -0.10 min
Lab File: BG020368.D
Acq: 21 Dec 2015 7:43

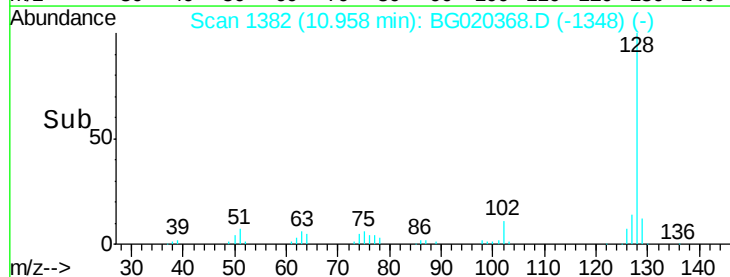
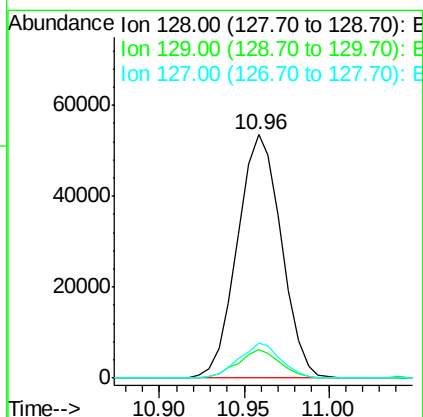
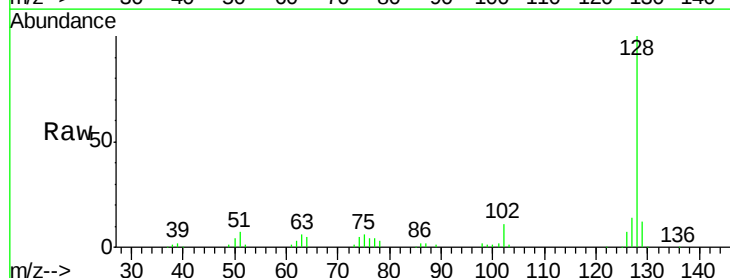
Instrument :
BNA_G
ClientSampleId :
D9N62

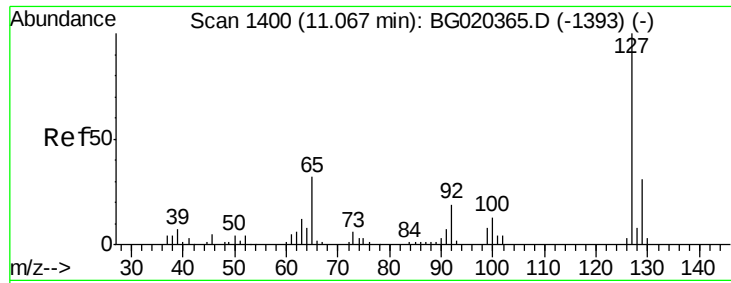
Tgt Ion: 70 Resp: 1693
Ion Ratio Lower Upper
70 100
42 329.2 44.3 66.5#
101 0.0 7.6 11.4#
130 0.0 17.0 25.4#



#28
Naphthalene
Concen: 21.87 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020368.D
Acq: 21 Dec 2015 7:43

Tgt Ion: 128 Resp: 96476
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.2 10.1 15.1

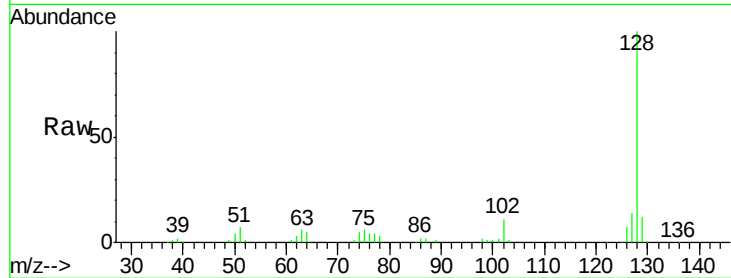




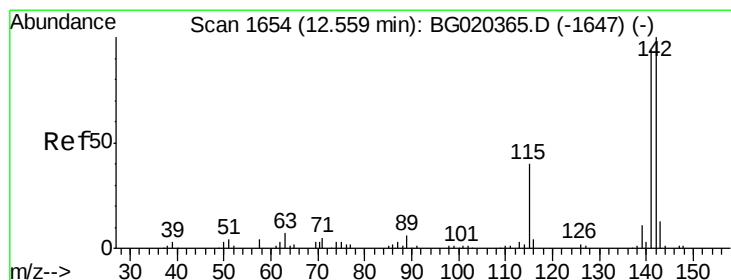
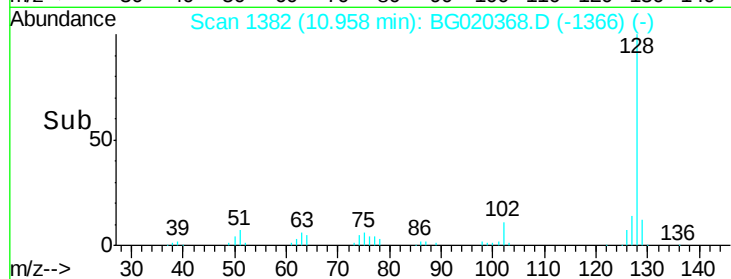
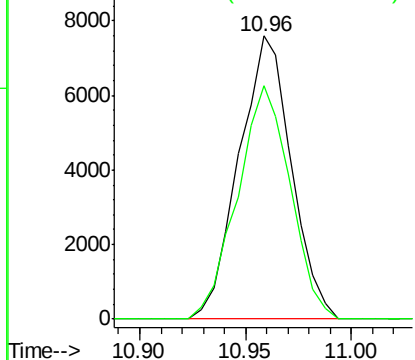
#30
 4-Chloroaniline
 Concen: 7.67 ng/ul
 RT: 10.96 min Scan# 1382
 Delta R.T. -0.11 min
 Lab File: BG020368.D
 Acq: 21 Dec 2015 7:43

Instrument :
 BNA_G
 ClientSampleId :
 D9N62

Tgt Ion:127 Resp: 13063
 Ion Ratio Lower Upper
 127 100
 129 82.3 25.7 38.5#

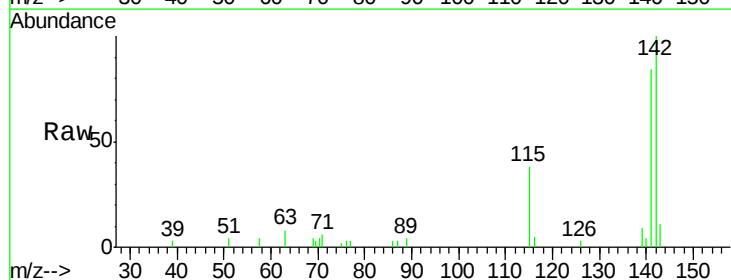


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E

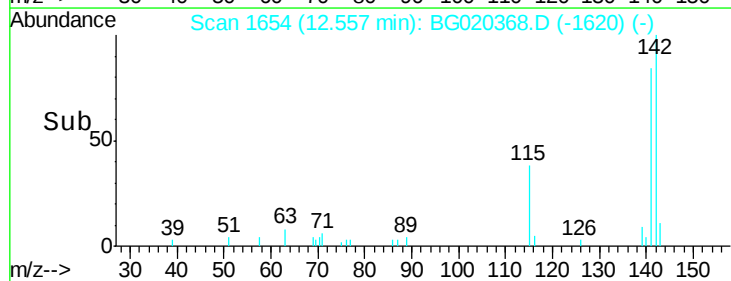
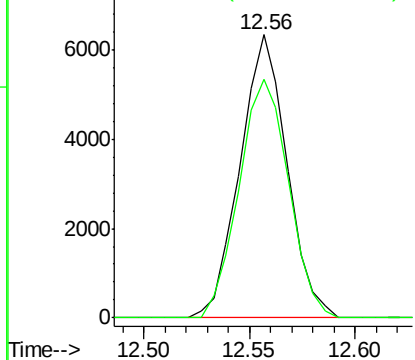


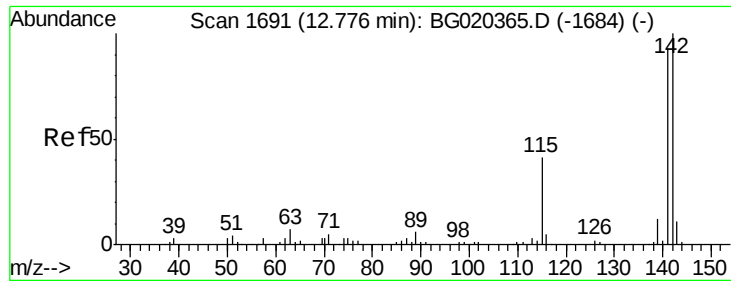
#34
 2-Methylnaphthalene
 Concen: 2.90 ng/ul
 RT: 12.56 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG020368.D
 Acq: 21 Dec 2015 7:43

Tgt Ion:142 Resp: 9765
 Ion Ratio Lower Upper
 142 100
 141 84.4 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

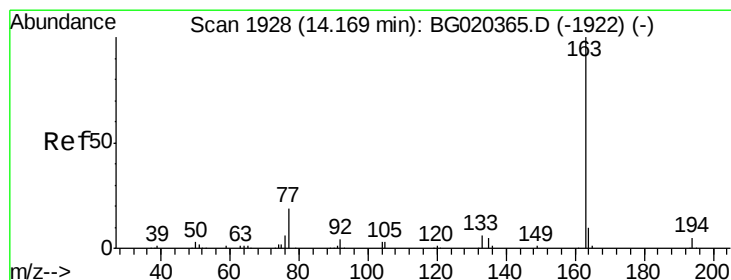
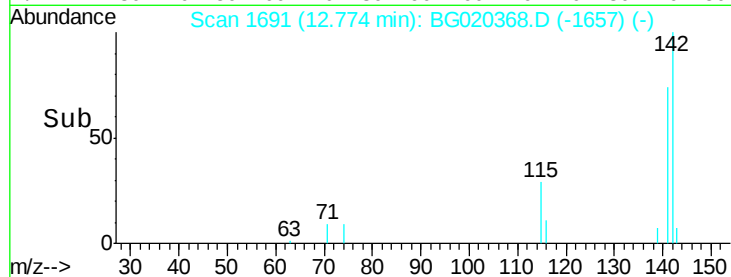
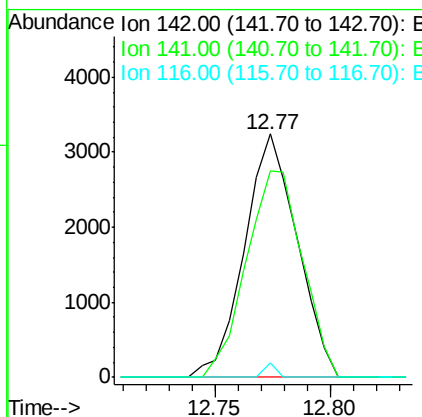
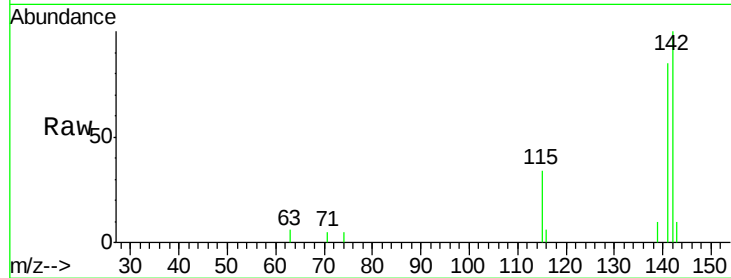




#35
 1-Methylnaphthalene
 Concen: 1.59 ng/ul
 RT: 12.77 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG020368.D
 Acq: 21 Dec 2015 7:43

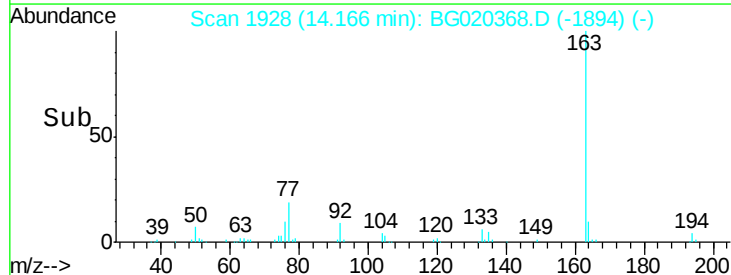
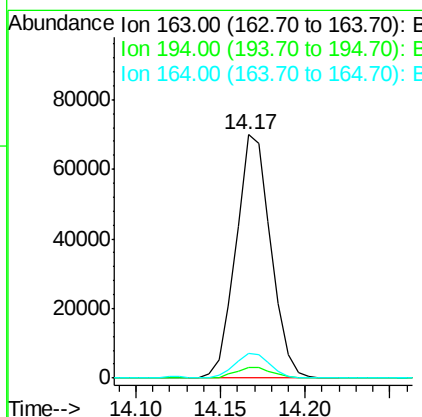
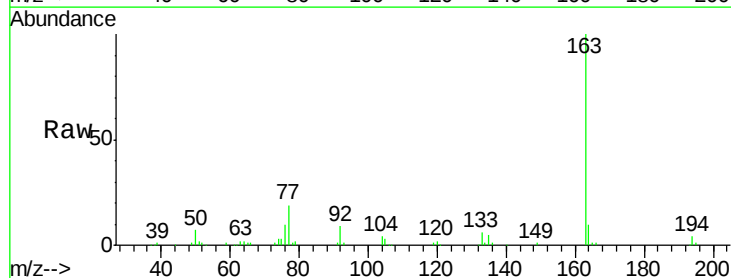
Instrument :
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 ClientSampleId :
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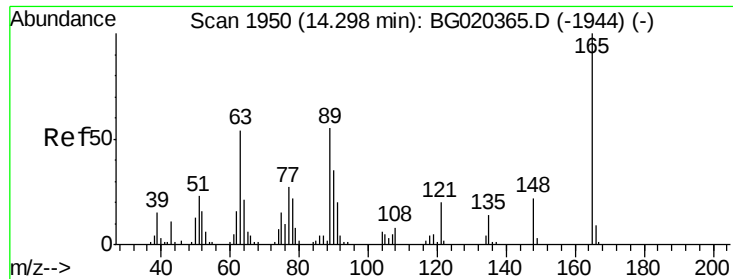
Tgt Ion:142 Resp: 5137
 Ion Ratio Lower Upper
 142 100
 141 84.9 73.0 109.6
 116 6.0 3.0 4.6#



#45
 Dimethylphthalate
 Concen: 20.69 ng/ul
 RT: 14.17 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG020368.D
 Acq: 21 Dec 2015 7:43

Tgt Ion:163 Resp: 99902
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.5 5.3
 164 10.0 7.7 11.5

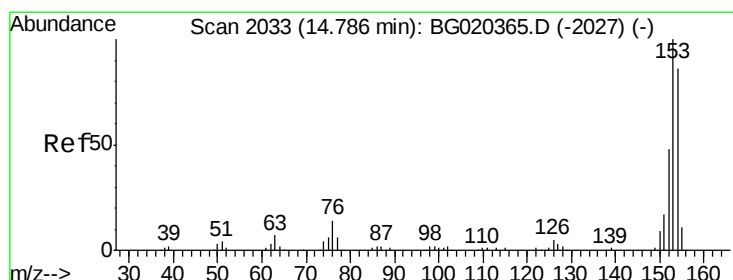
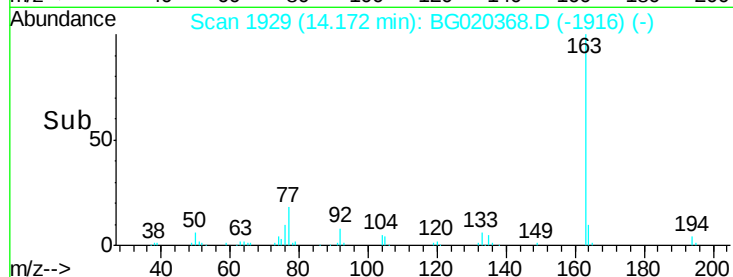
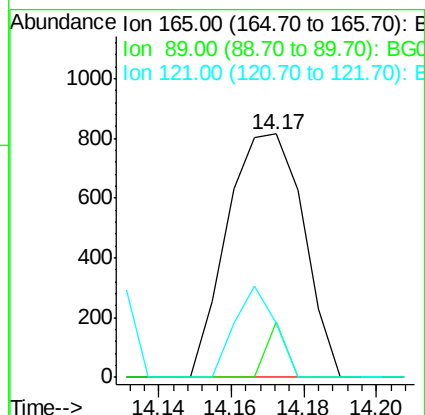
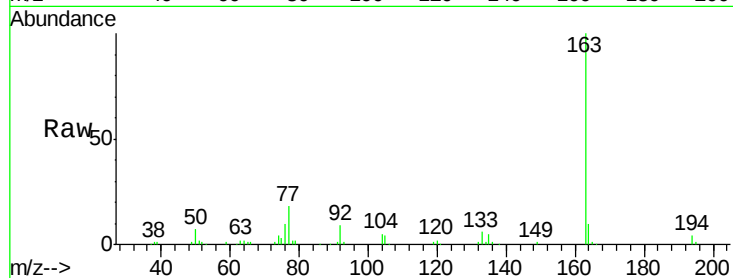




#46
 2,6-Dinitrotoluene
 Concen: 1.19 ng/ul
 RT: 14.17 min Scan# 1929
 Delta R.T. -0.13 min
 Lab File: BG020368.D
 Acq: 21 Dec 2015 7:43

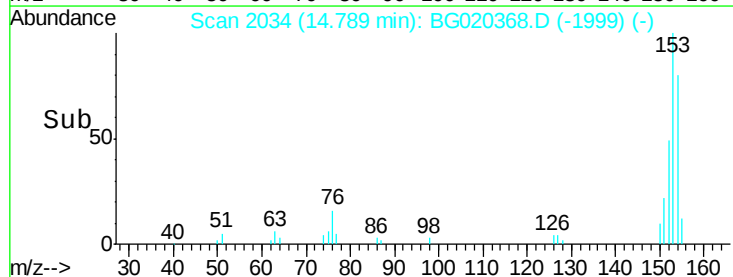
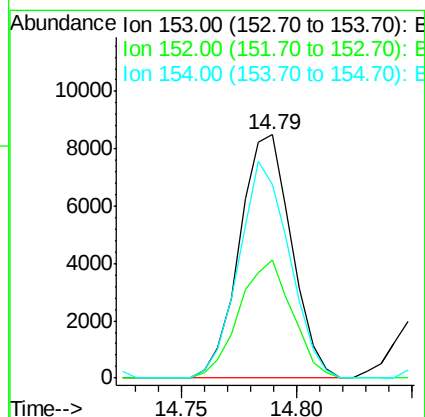
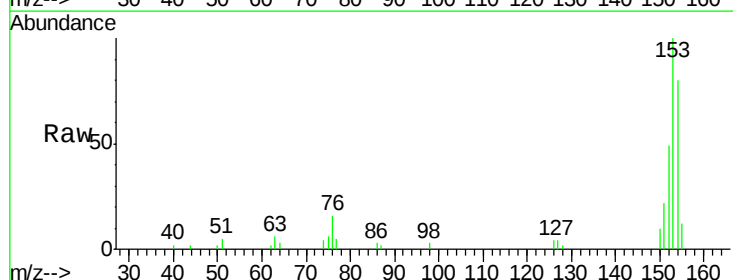
Instrument :
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 ClientSampleId :
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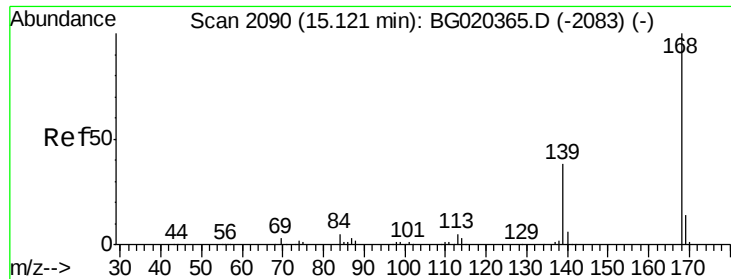
Tgt Ion:165 Resp: 1185
 Ion Ratio Lower Upper
 165 100
 89 22.8 47.0 70.4#
 121 22.1 17.0 25.6



#50
 Acenaphthene
 Concen: 3.39 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG020368.D
 Acq: 21 Dec 2015 7:43

Tgt Ion:153 Resp: 13336
 Ion Ratio Lower Upper
 153 100
 152 48.5 37.6 56.4
 154 79.7 67.9 101.9

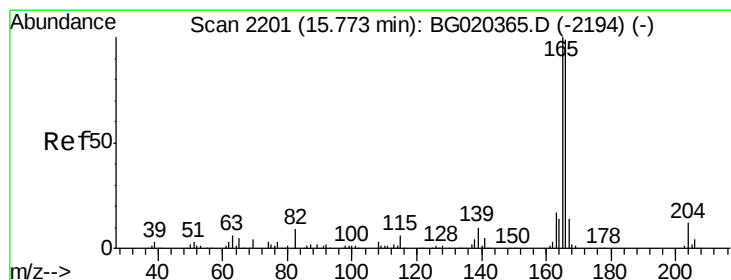
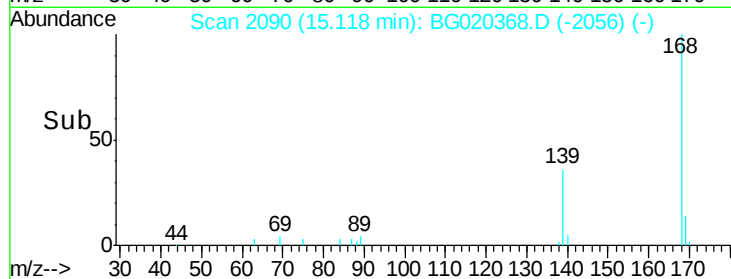
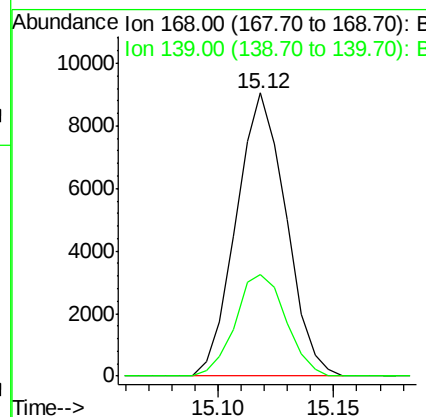
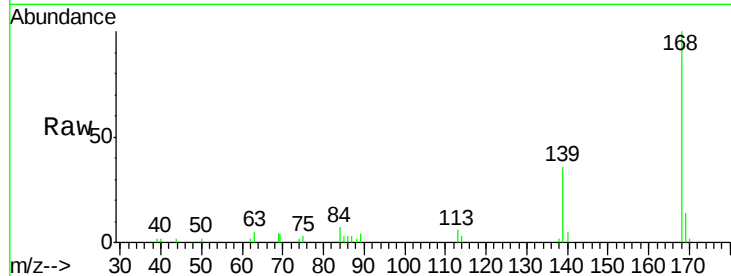




#54
Dibenzenofuran
Concen: 2.32 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020368.D
Acq: 21 Dec 2015 7:43

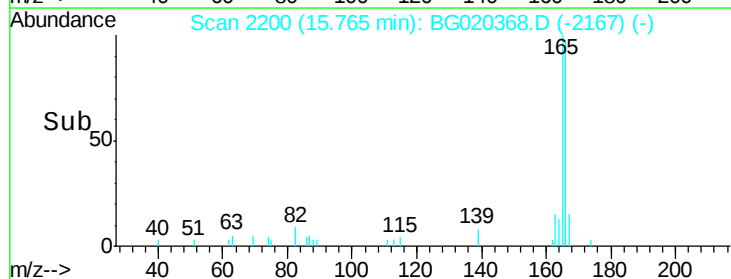
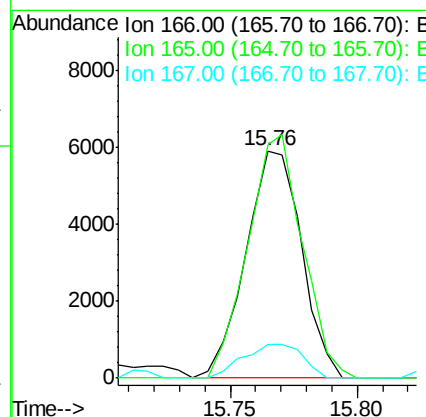
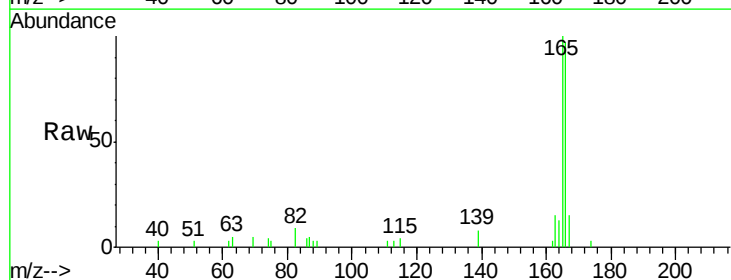
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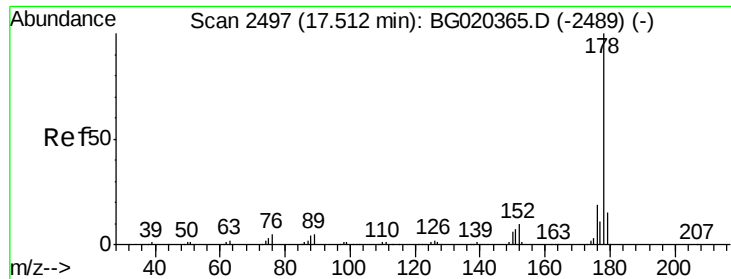
Tgt Ion:168 Resp: 13585
Ion Ratio Lower Upper
168 100
139 35.7 30.5 45.7



#59
Fluorene
Concen: 1.94 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG020368.D
Acq: 21 Dec 2015 7:43

Tgt Ion:166 Resp: 9096
Ion Ratio Lower Upper
166 100
165 102.7 81.4 122.0
167 15.0 11.2 16.8





#70

Phenanthrene

Concen: 4.53 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020368.D

Acq: 21 Dec 2015 7:43

Instrument :

BNA_G

ClientSampleId :

D9N62

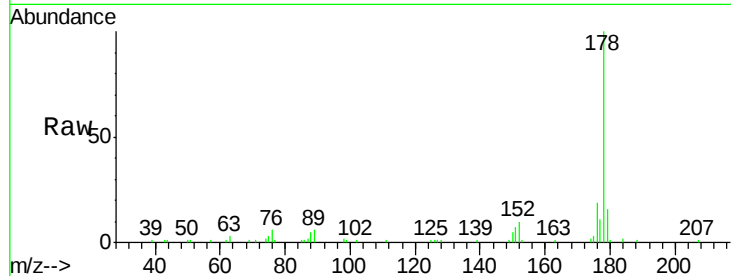
Tgt Ion:178 Resp: 35240

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

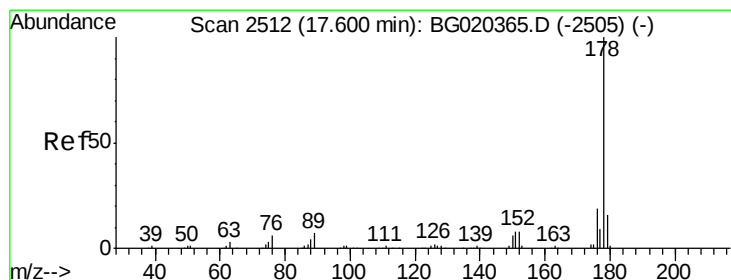
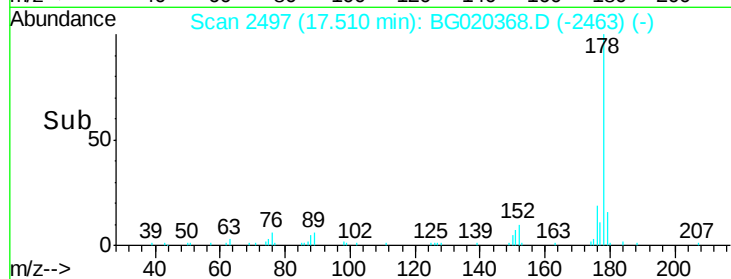
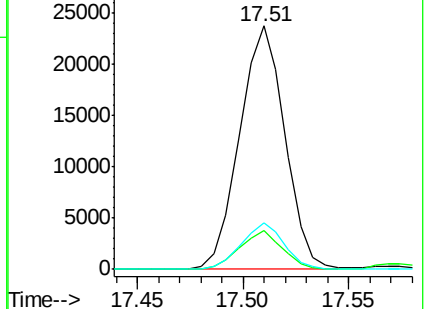
176 19.2 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 4.46 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

Lab File: BG020368.D

Acq: 21 Dec 2015 7:43

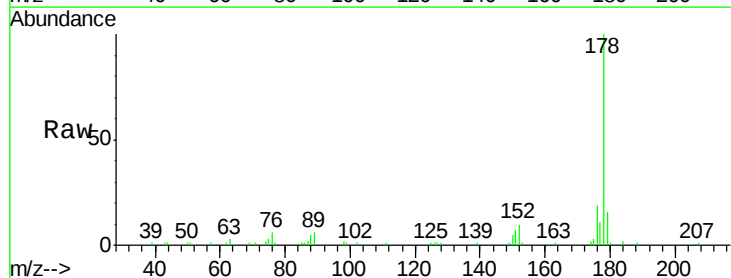
Tgt Ion:178 Resp: 35240

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

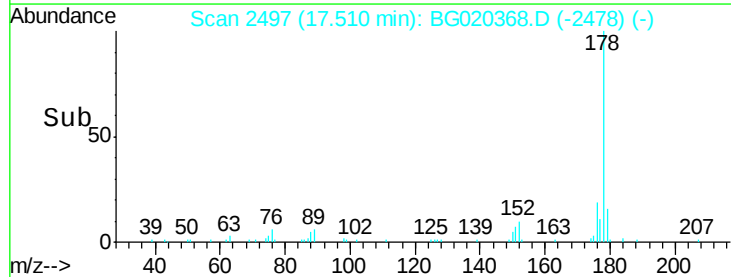
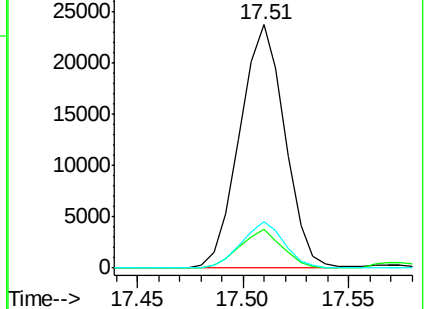
176 19.2 14.3 21.5

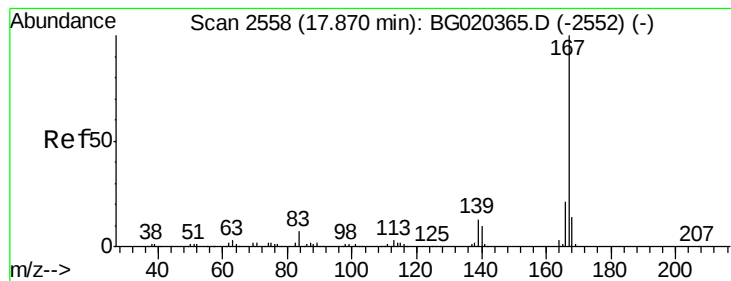


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.59 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020368.D

Acq: 21 Dec 2015 7:43

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BNA_G

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D9N62

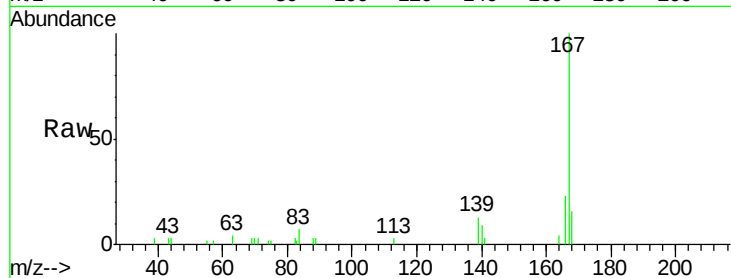
Tgt Ion:167 Resp: 10566

Ion Ratio Lower Upper

167 100

166 22.5 17.0 25.6

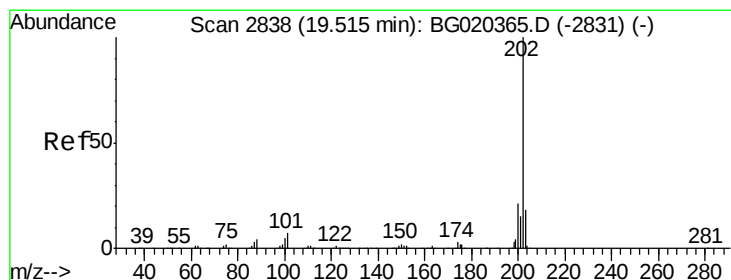
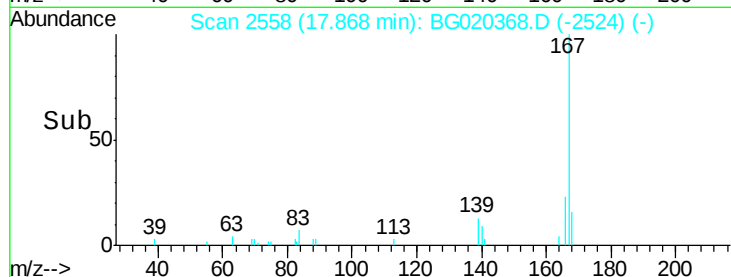
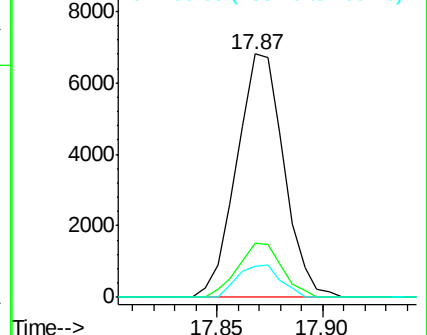
139 12.6 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 1.70 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020368.D

Acq: 21 Dec 2015 7:43

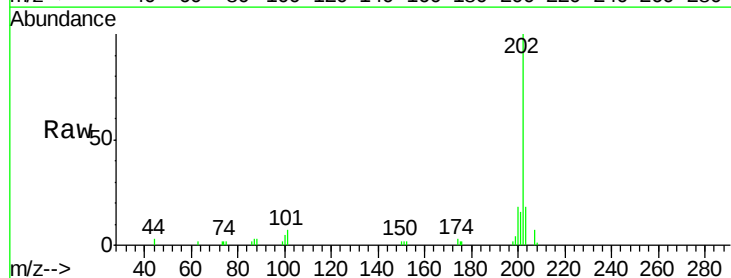
Tgt Ion:202 Resp: 15439

Ion Ratio Lower Upper

202 100

101 7.4 6.2 9.4

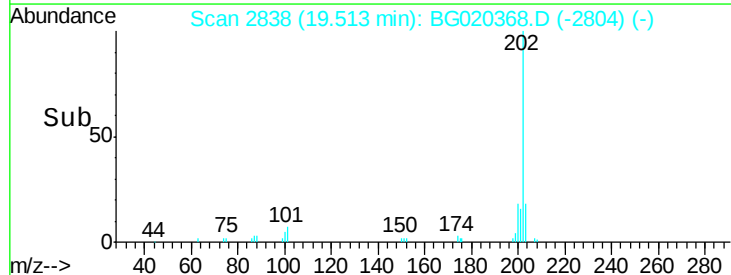
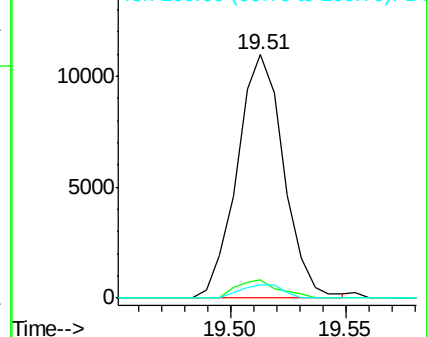
100 5.4 5.1 7.7

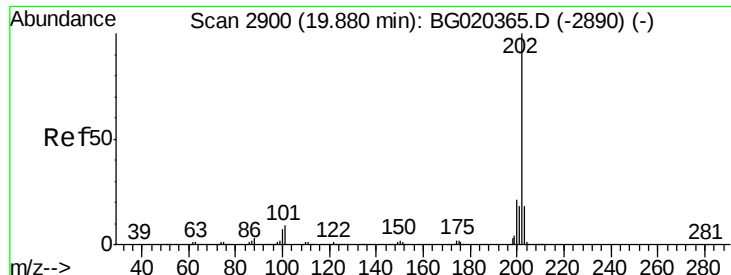


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 1.03 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG020368.D

Acq: 21 Dec 2015 7:43

Instrument :

BNA_G

ClientSampleId :

D9N62

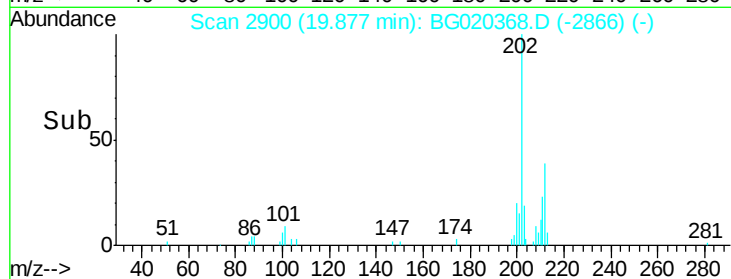
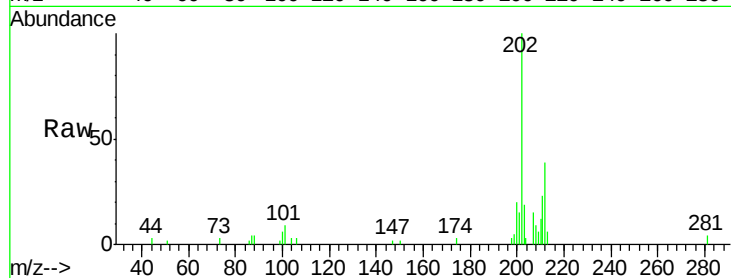
Tgt Ion: 202 Resp: 11164

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

100 5.9 6.4 9.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

