

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020645.D
 Acq On : 31 Dec 2015 17:15
 Operator : UM/SJ
 Sample : G4847-01DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Quant Time: Jan 01 03:20:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	82892	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	63043	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	167573	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	200455	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	187612	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	1525	1.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	4525	4.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	5149	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	3179	2.43	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	3241	5.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	3698	4.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	6311	4.47	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	31238	6.05	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	35782	6.11	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	29595	6.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	2838	2.79	ng/ul	0.00
71) Anthracene-d10	17.54	188	48856	6.26	ng/ul	0.00
79) Pyrene-d10	19.82	212	55595	6.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	55974	5.98	ng/ul	-0.02

Target Compounds

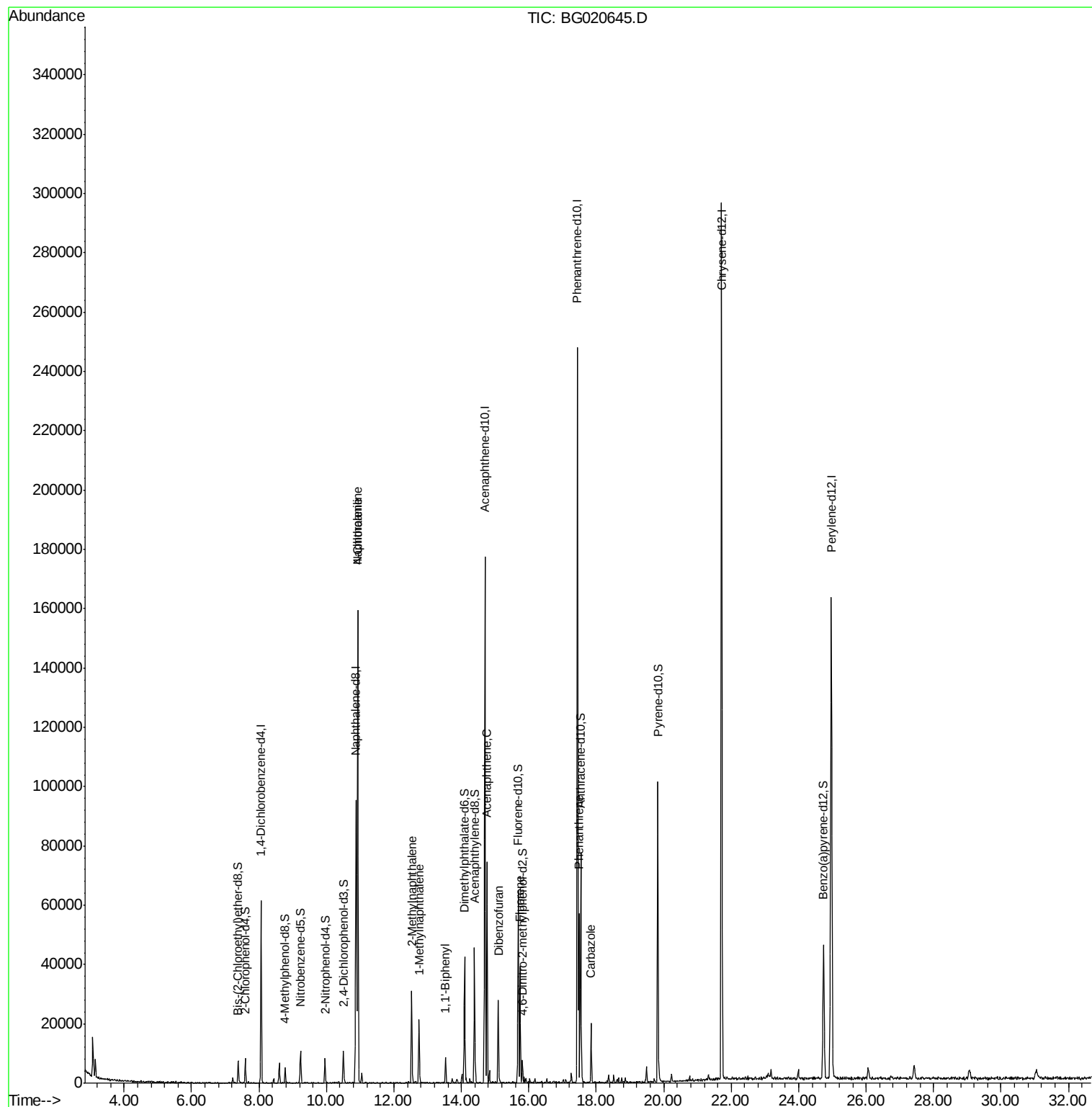
						Qvalue
28) Naphthalene	10.93	128	140123	31.92	ng/ul	98
30) 4-Chloroaniline	10.93	127	18667	10.84	ng/ul#	1
34) 2-Methylnaphthalene	12.53	142	16328	4.97	ng/ul	99
35) 1-Methylnaphthalene	12.74	142	11171	3.52	ng/ul#	94
41) 1,1'-Biphenyl	13.54	154	6057	1.28	ng/ul#	88
50) Acenaphthene	14.76	153	32513	7.70	ng/ul	96
54) Dibenzofuran	15.09	168	20830	3.26	ng/ul	98
59) Fluorene	15.74	166	18921	3.69	ng/ul	94
70) Phenanthrene	17.48	178	38870	4.27	ng/ul	99
75) Carbazole	17.84	167	15643	1.99	ng/ul	98

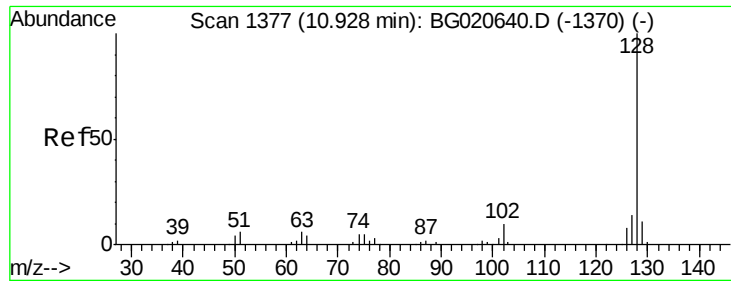
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 31.92 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BG020645.D

Acq: 31 Dec 2015 17:15

Instrument :

BNA_G

ClientSampleId :

D9N66DL

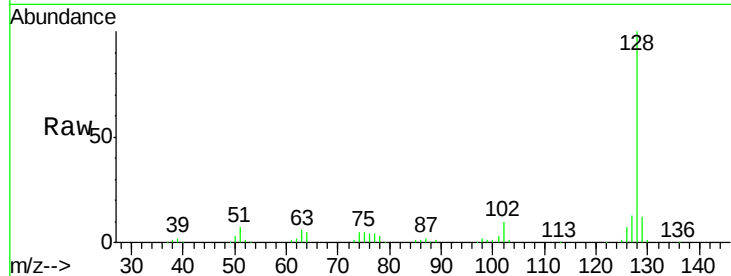
Tgt Ion:128 Resp: 140123

Ion Ratio Lower Upper

128 100

129 11.6 8.3 12.5

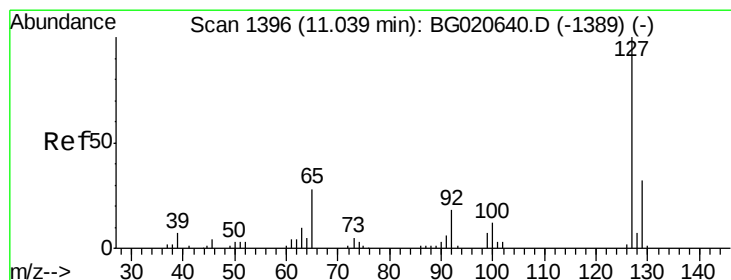
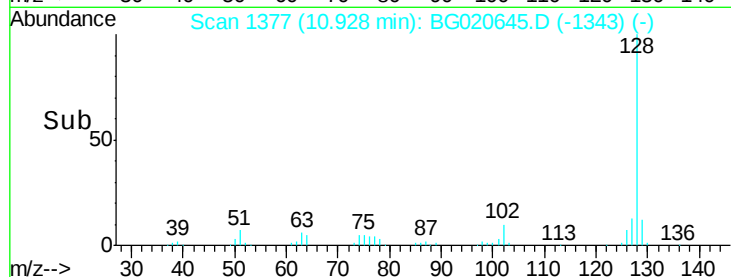
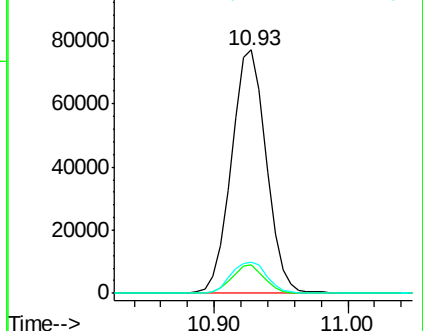
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 10.84 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.11 min

Lab File: BG020645.D

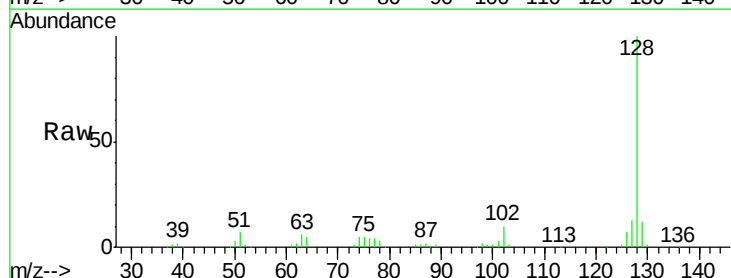
Acq: 31 Dec 2015 17:15

Tgt Ion:127 Resp: 18667

Ion Ratio Lower Upper

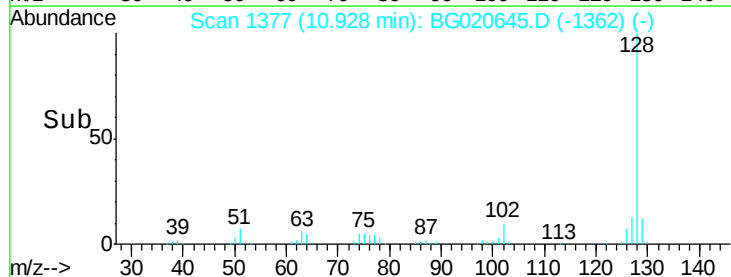
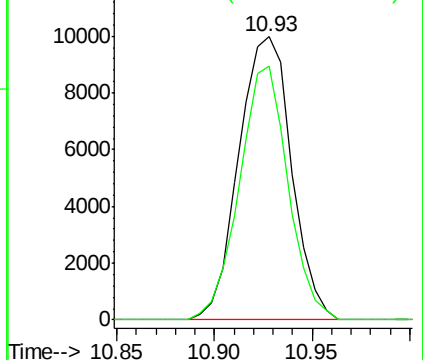
127 100

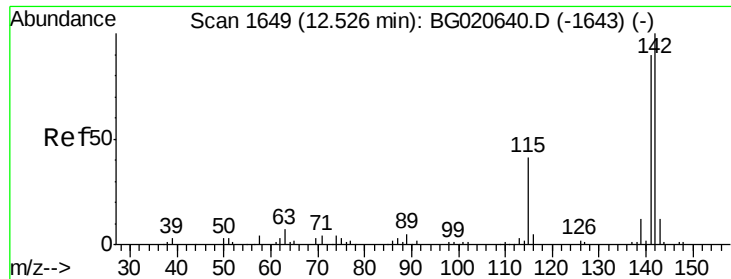
129 89.5 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

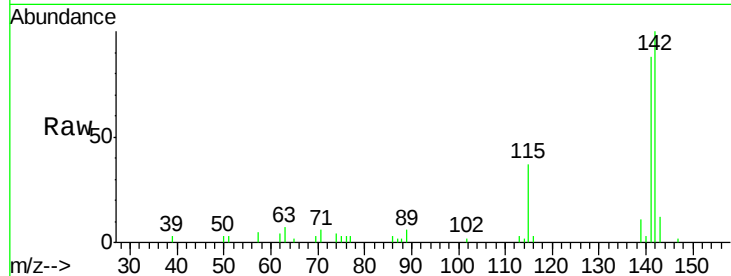




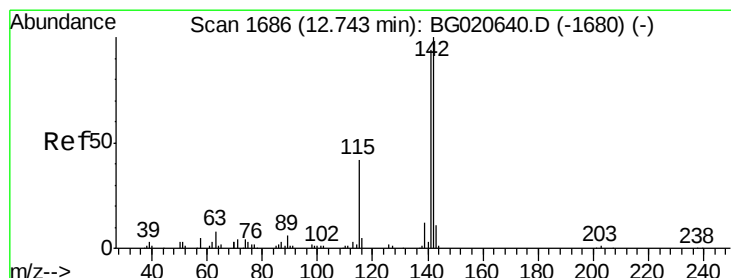
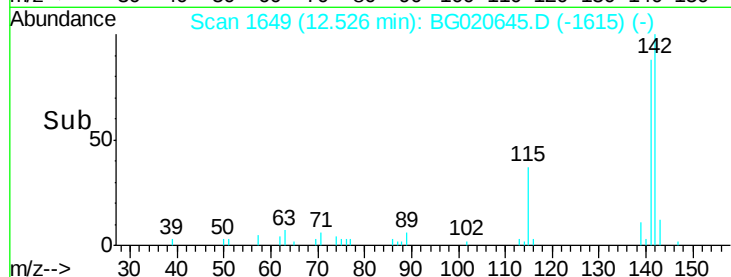
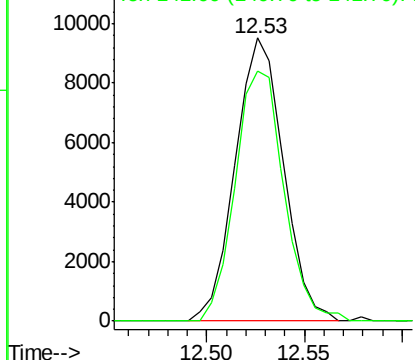
#34
 2-Methylnaphthalene
 Concen: 4.97 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG020645.D
 Acq: 31 Dec 2015 17:15

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Tgt Ion:142 Resp: 16328
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.4 107.2

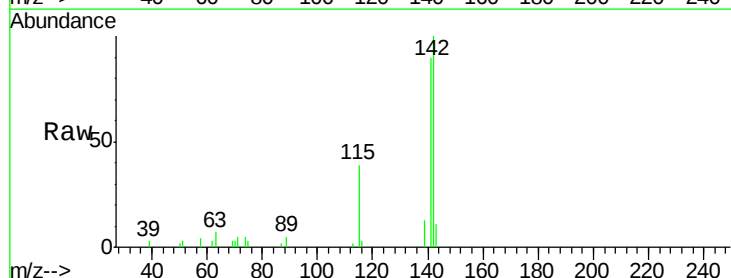


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

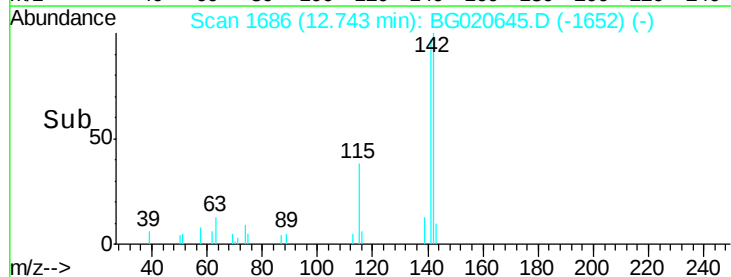
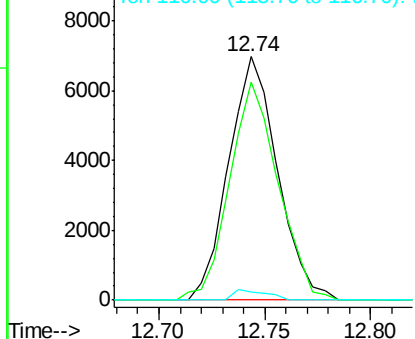


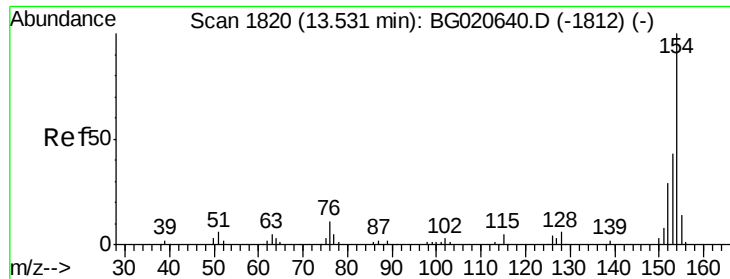
#35
 1-Methylnaphthalene
 Concen: 3.52 ng/ul
 RT: 12.74 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG020645.D
 Acq: 31 Dec 2015 17:15

Tgt Ion:142 Resp: 11171
 Ion Ratio Lower Upper
 142 100
 141 89.7 76.6 115.0
 116 3.3 3.6 5.4#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

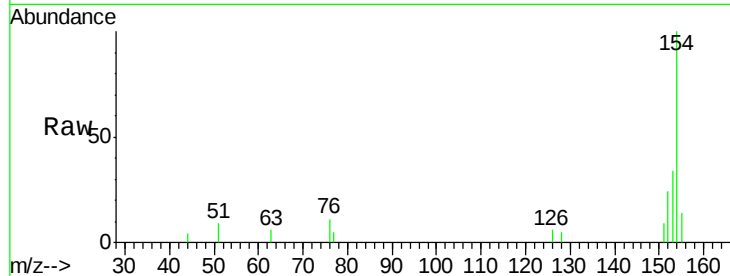




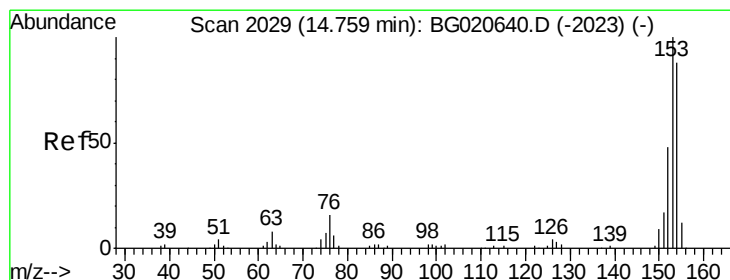
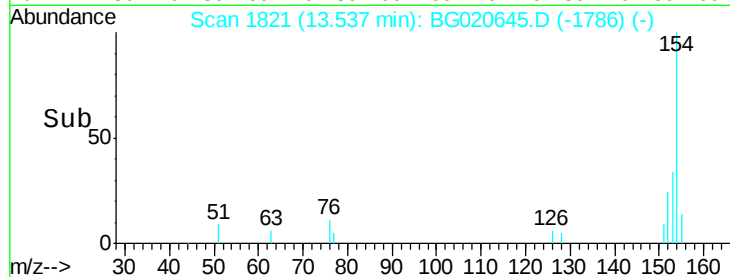
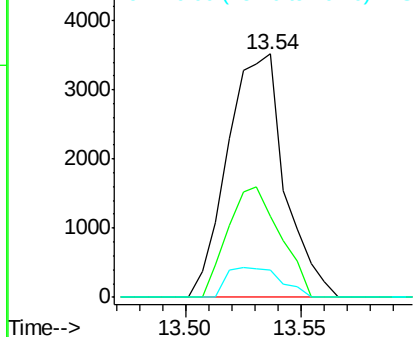
#41
 1,1'-Biphenyl
 Concen: 1.28 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BG020645.D
 Acq: 31 Dec 2015 17:15

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Tgt Ion:154 Resp: 6057
 Ion Ratio Lower Upper
 154 100
 153 33.5 34.0 51.0#
 76 11.4 8.4 12.6

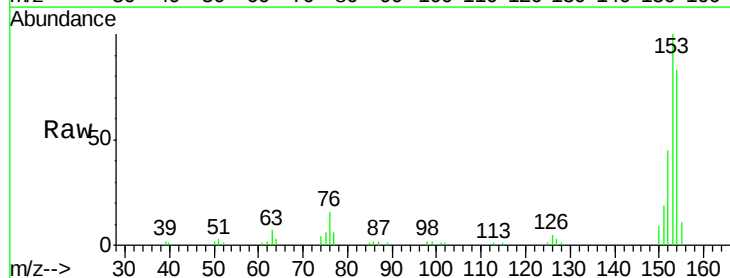


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

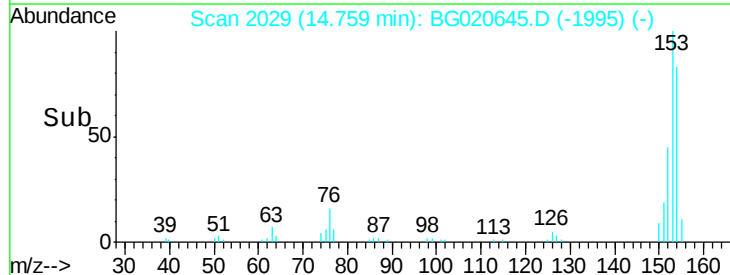
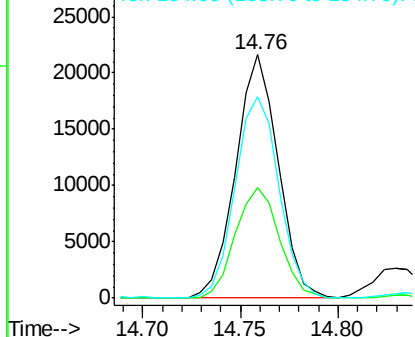


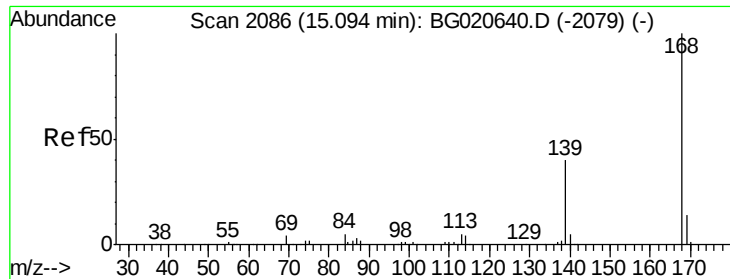
#50
 Acenaphthene
 Concen: 7.70 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG020645.D
 Acq: 31 Dec 2015 17:15

Tgt Ion:153 Resp: 32513
 Ion Ratio Lower Upper
 153 100
 152 45.4 37.9 56.9
 154 82.9 69.8 104.6



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





#54

Dibenzenofuran

Concen: 3.26 ng/ul

RT: 15.09 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG020645.D

Acq: 31 Dec 2015 17:15

Instrument :

BNA_G

ClientSampleId :

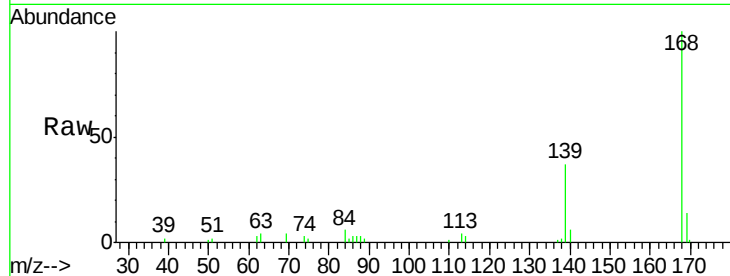
D9N66DL

Tgt Ion:168 Resp: 20830

Ion Ratio Lower Upper

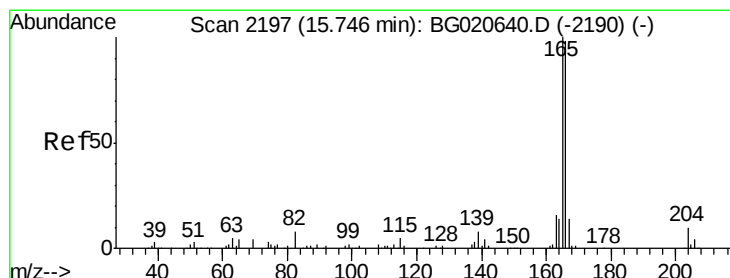
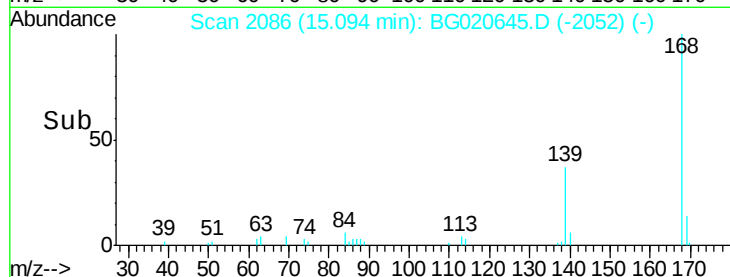
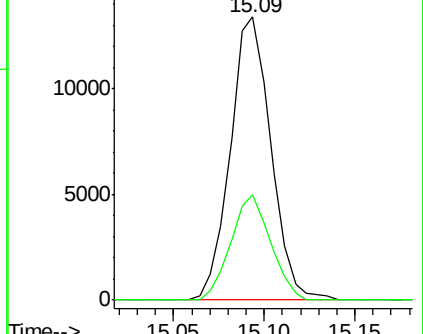
168 100

139 37.4 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.69 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG020645.D

Acq: 31 Dec 2015 17:15

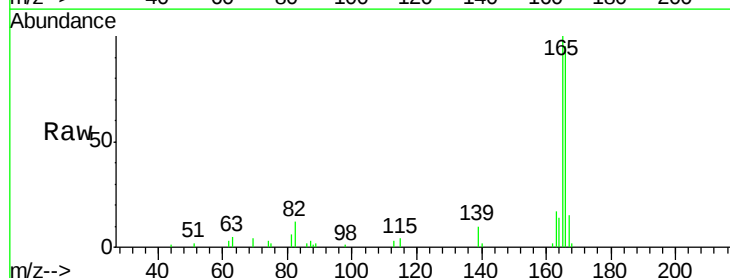
Tgt Ion:166 Resp: 18921

Ion Ratio Lower Upper

166 100

165 104.8 78.4 117.6

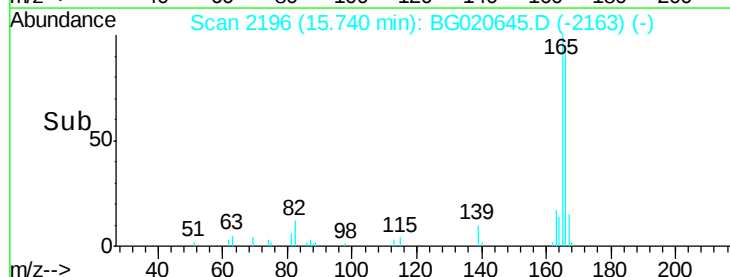
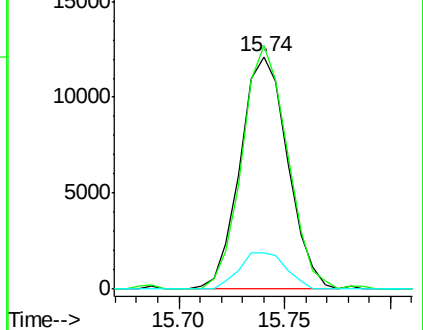
167 15.4 11.1 16.7

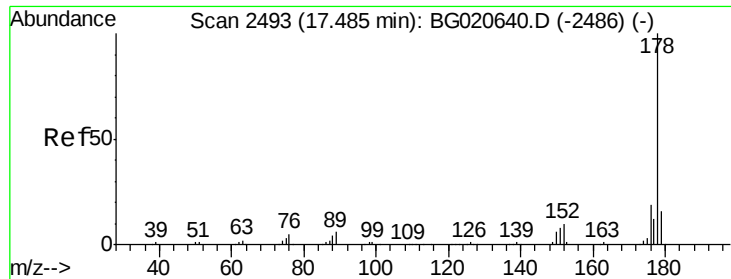


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

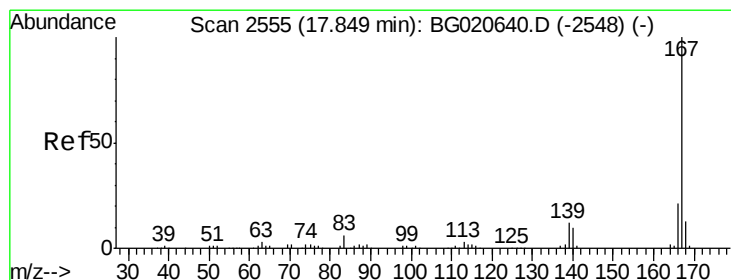
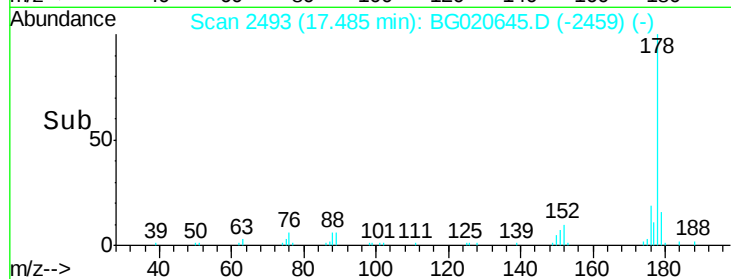
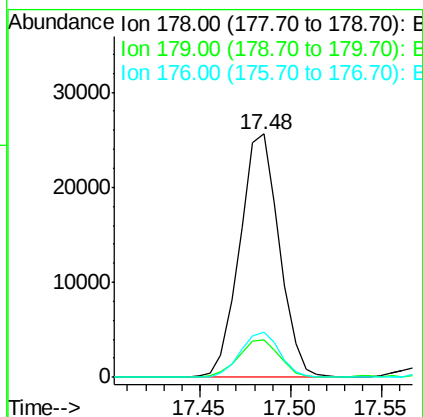
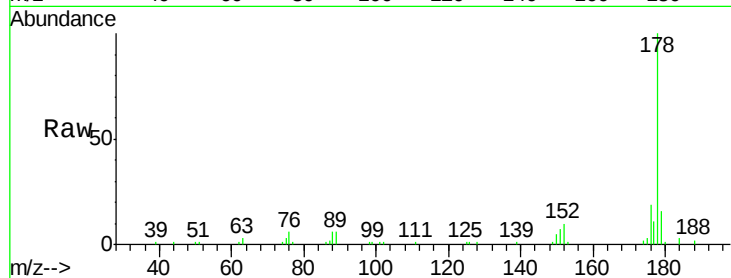




#70
Phenanthrene
Concen: 4.27 ng/ul
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

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Tgt Ion:178 Resp: 38870
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.6 15.4 23.0



#75
Carbazole
Concen: 1.99 ng/ul
RT: 17.84 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BG020645.D
Acq: 31 Dec 2015 17:15

Tgt Ion:167 Resp: 15643
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.4
139 12.6 9.1 13.7

