

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020555.D
 Acq On : 27 Dec 2015 14:38
 Operator : UM/SJ
 Sample : G4846-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N65

Quant Time: Dec 28 04:18:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:38:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	85634	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	60412	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	156294	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	192148	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	176705	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	451	1.31	ng/uL	0.00
5) Phenol-d5	7.23	99	11368	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	30732	34.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	31965	27.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	23066	17.98	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22909	34.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	25498	33.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	43171	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	823	0.49	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	164896	33.12	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	193643	33.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4557	5.49	ng/ul	0.00
58) Fluorene-d10	15.70	176	153168	34.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	26688	25.77	ng/ul	0.00
71) Anthracene-d10	17.56	188	251977	34.42	ng/ul	0.00
79) Pyrene-d10	19.84	212	299677	36.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	323112	36.17	ng/ul	0.00

Target Compounds

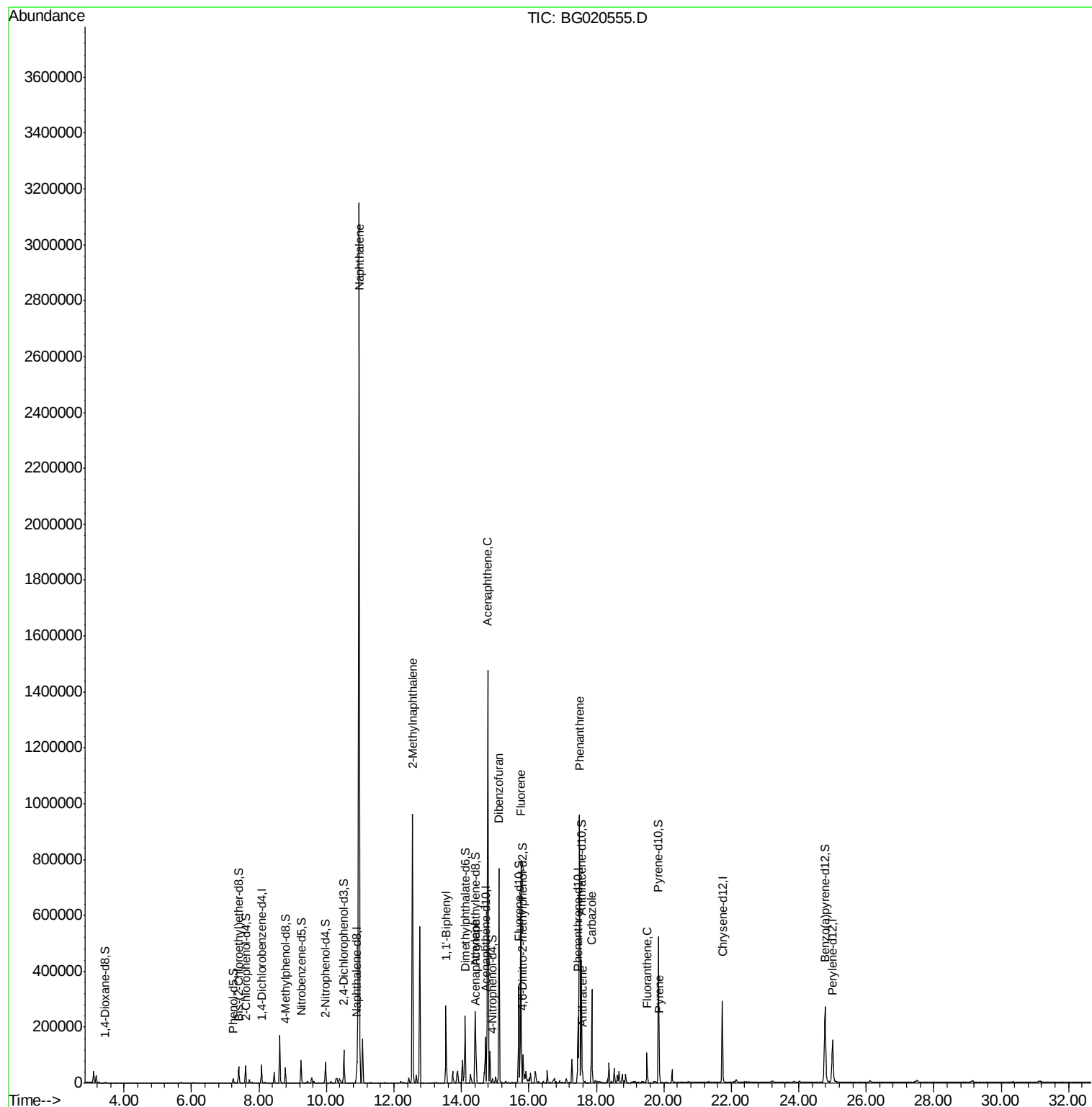
						Qvalue
28) Naphthalene	10.97	128	2885755	633.92	ng/ul#	84
34) 2-Methylnaphthalene	12.55	142	465929	138.33	ng/ul	98
41) 1,1'-Biphenyl	13.54	154	148398	31.83	ng/ul	95
48) Acenaphthylene	14.44	152	65753	10.84	ng/ul	98
50) Acenaphthene	14.78	153	635273	154.96	ng/ul	98
54) Dibenzofuran	15.11	168	511225	83.82	ng/ul	99
59) Fluorene	15.76	166	366147	74.08	ng/ul	98
70) Phenanthrene	17.51	178	627466	72.15	ng/ul	99
72) Anthracene	17.59	178	30243	3.40	ng/ul	97
75) Carbazole	17.86	167	230558	30.77	ng/ul	100
77) Fluoranthene	19.50	202	74043	6.77	ng/ul	99
80) Pyrene	19.87	202	39494	3.63	ng/ul	98

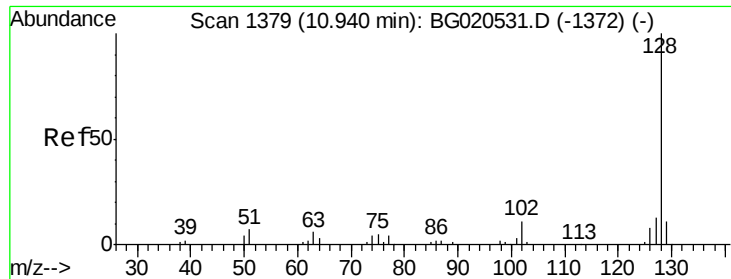
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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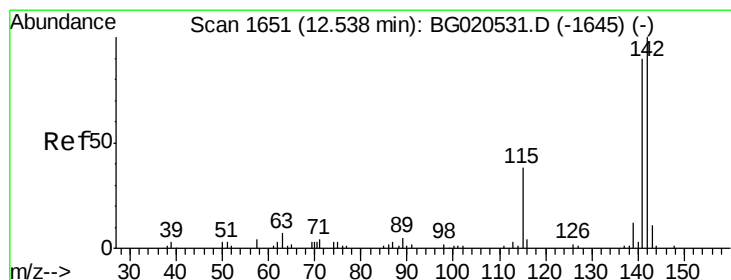
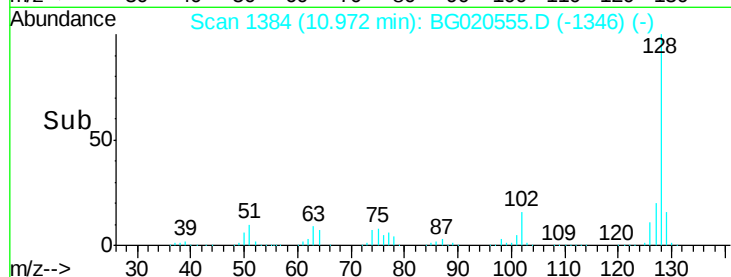
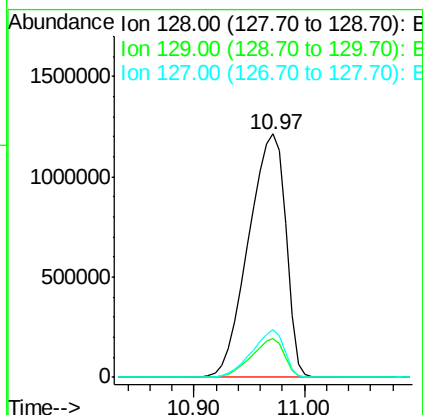
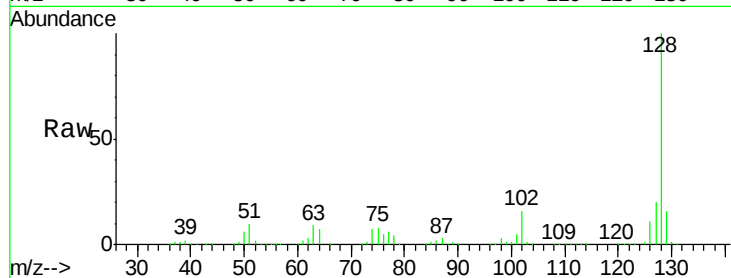




#28
Naphthalene
Concen: 633.92 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. 0.03 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

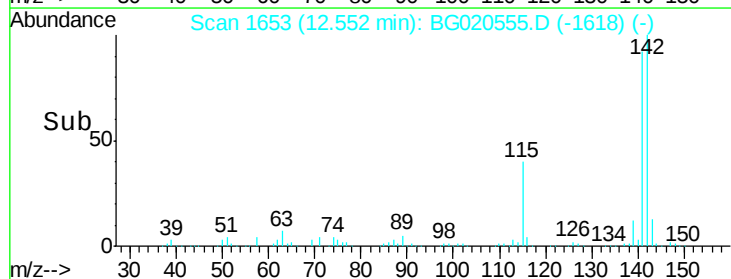
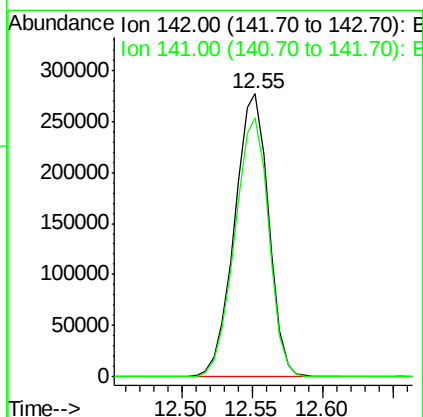
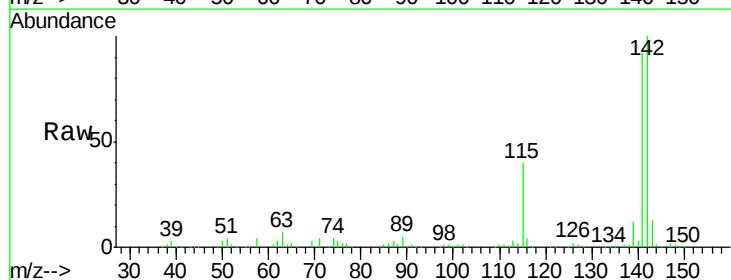
Instrument :
BNA_G
ClientSampleId :
D9N65

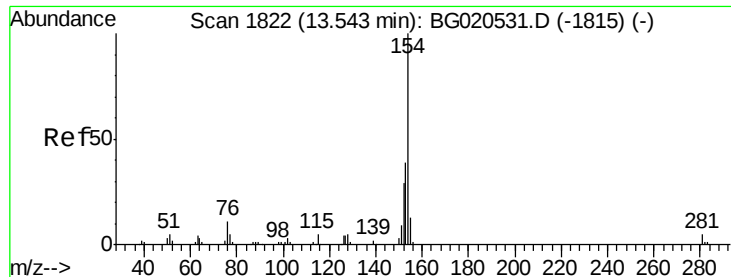
Tgt Ion:128 Resp: 2885755
Ion Ratio Lower Upper
128 100
129 15.9 8.6 12.8#
127 19.5 10.1 15.1#



#34
2-Methylnaphthalene
Concen: 138.33 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BG020555.D
Acq: 27 Dec 2015 14:38

Tgt Ion:142 Resp: 465929
Ion Ratio Lower Upper
142 100
141 91.7 74.9 112.3

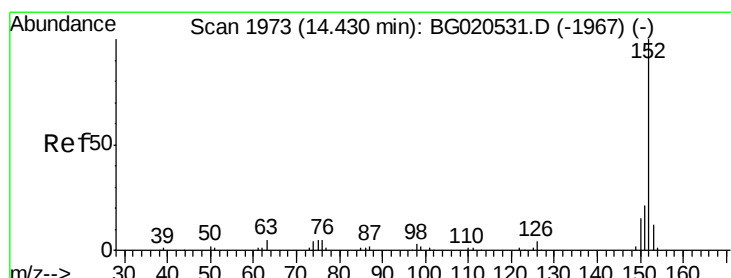
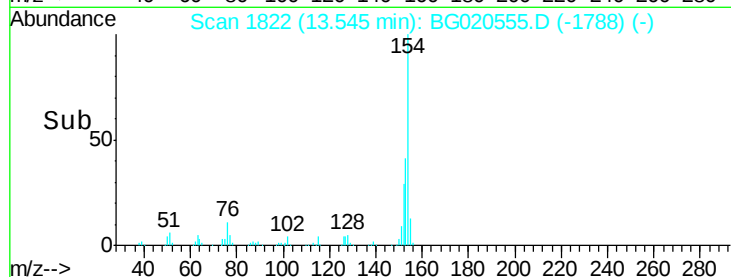
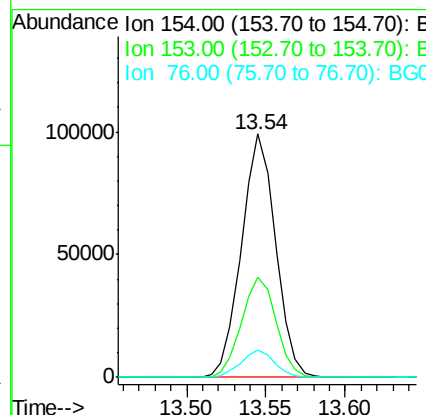
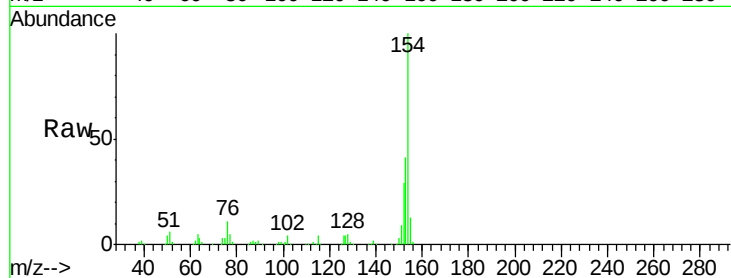




#41
 1,1'-Biphenyl
 Concen: 31.83 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG020555.D
 Acq: 27 Dec 2015 14:38

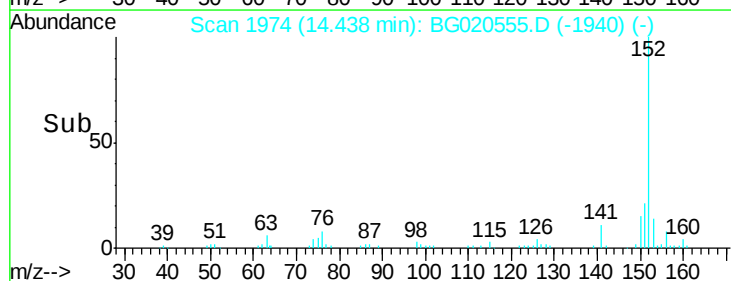
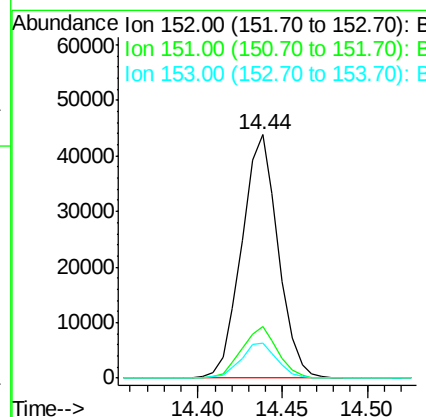
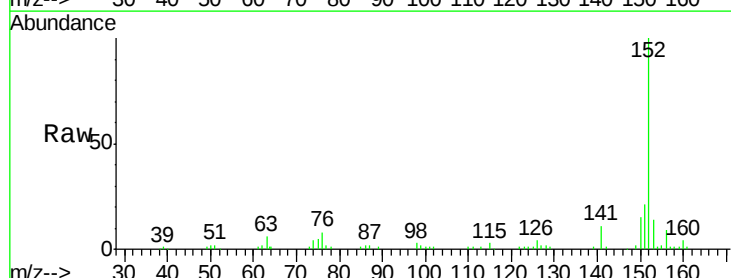
Instrument :
 BNA_G
 ClientSampleId :
 D9N65

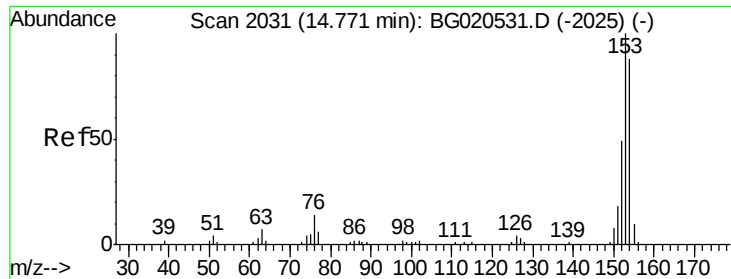
Tgt Ion:	154	Resp:	148398
Ion Ratio	Lower	Upper	
154	100		
153	41.4	35.5	53.3
76	11.0	10.4	15.6



#48
 Acenaphthylene
 Concen: 10.84 ng/ul
 RT: 14.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: BG020555.D
 Acq: 27 Dec 2015 14:38

Tgt Ion:	152	Resp:	65753
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.4	24.6
153	14.4	10.4	15.6





#50

Acenaphthene

Concen: 154.96 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BG020555.D

Acq: 27 Dec 2015 14:38

Instrument :

BNA_G

ClientSampleId :

D9N65

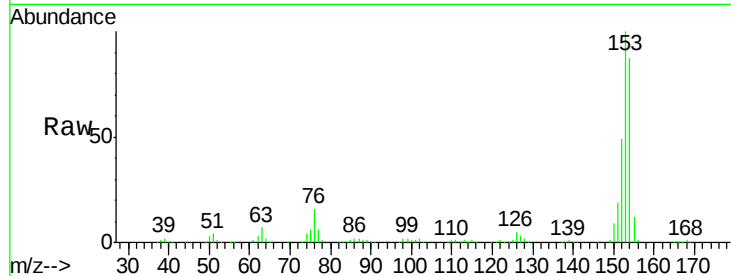
Tgt Ion:153 Resp: 635273

Ion Ratio Lower Upper

153 100

152 48.9 37.6 56.4

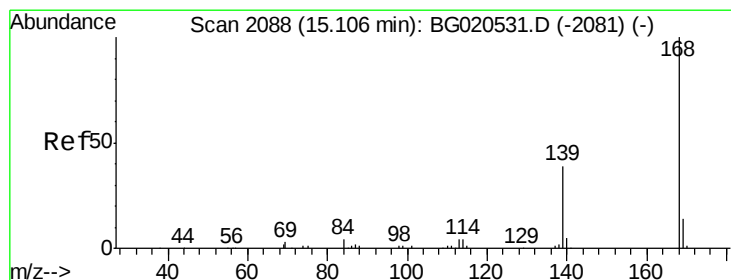
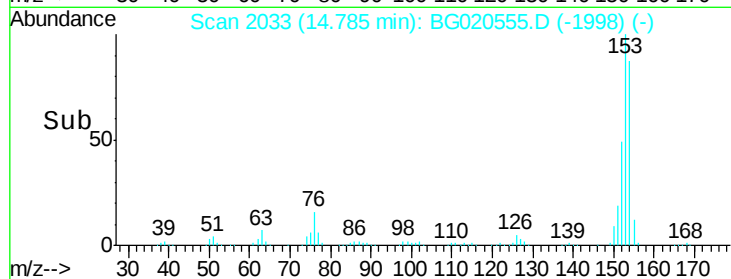
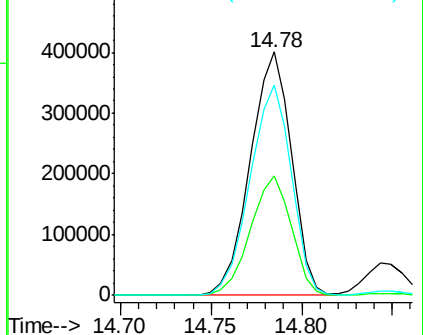
154 86.6 67.9 101.9



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

Dibenzofuran

Concen: 83.82 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG020555.D

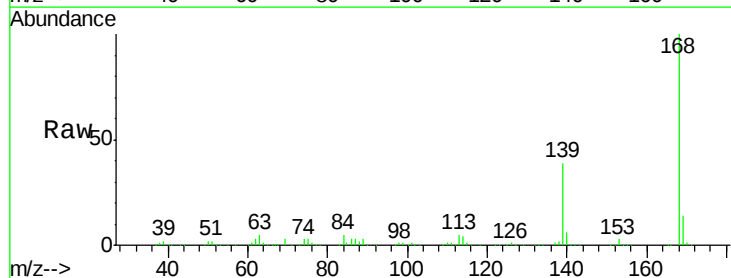
Acq: 27 Dec 2015 14:38

Tgt Ion:168 Resp: 511225

Ion Ratio Lower Upper

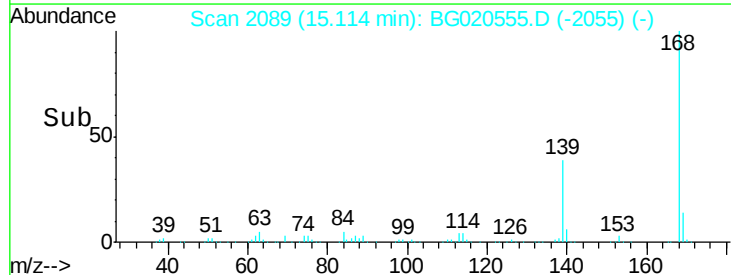
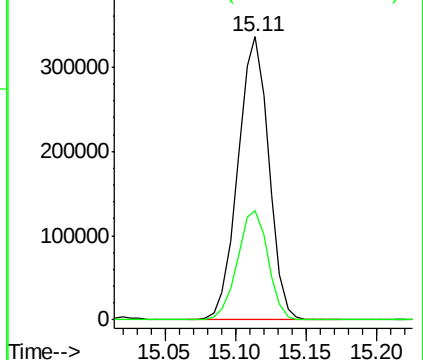
168 100

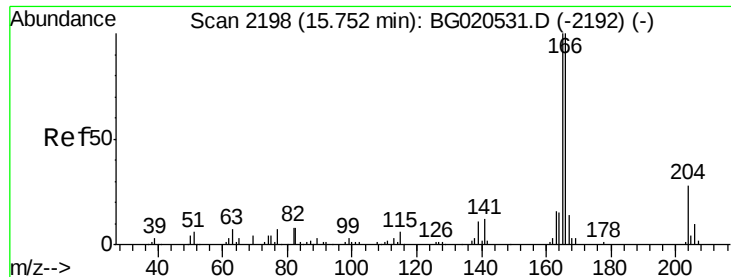
139 38.5 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 74.08 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG020555.D

Acq: 27 Dec 2015 14:38

Instrument :

BNA_G

ClientSampleId :

D9N65

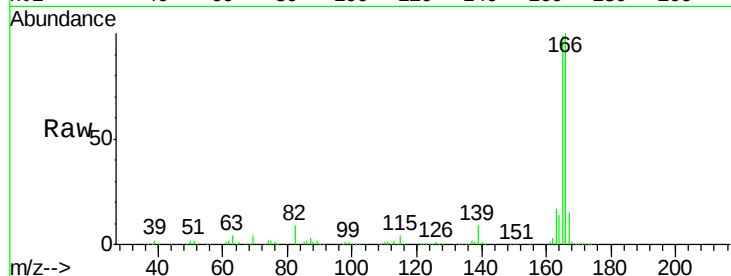
Tgt Ion:166 Resp: 366147

Ion Ratio Lower Upper

166 100

165 99.3 81.4 122.0

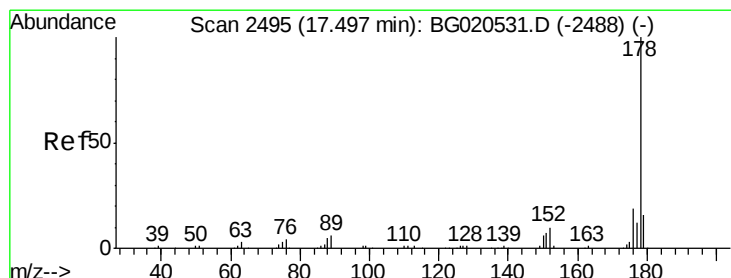
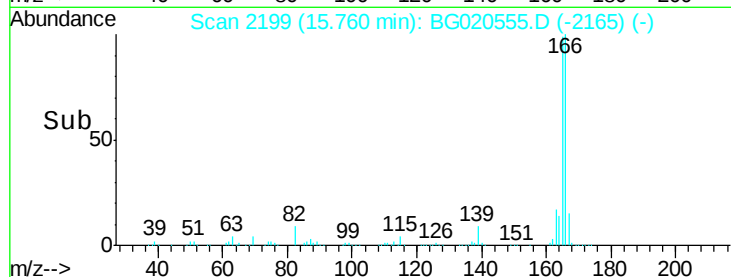
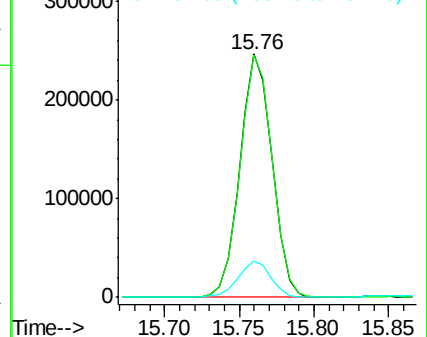
167 14.6 11.2 16.8



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: 72.15 ng/ul

RT: 17.51 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG020555.D

Acq: 27 Dec 2015 14:38

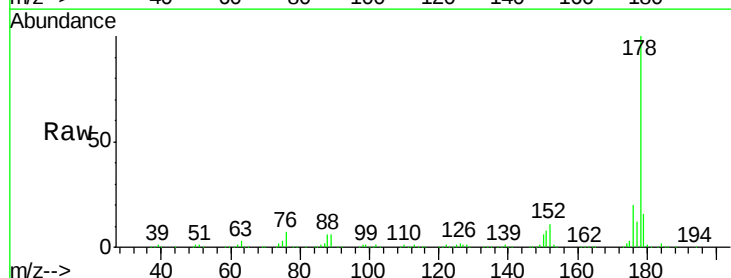
Tgt Ion:178 Resp: 627466

Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

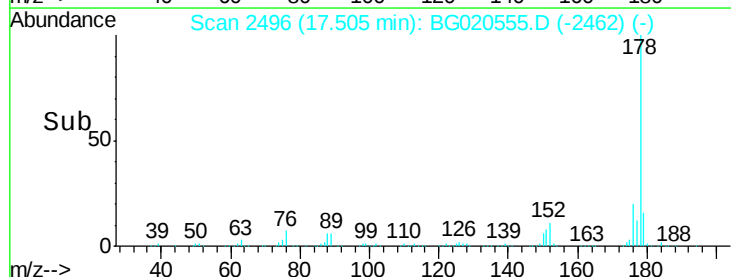
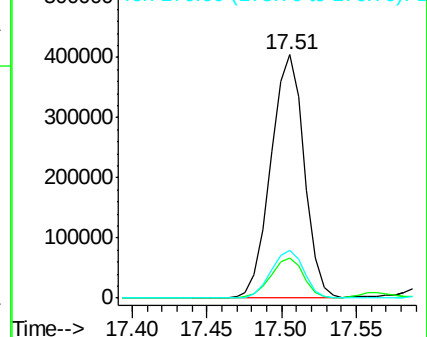
176 19.6 15.3 22.9

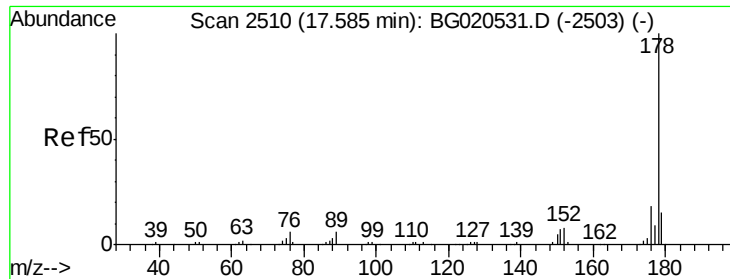


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.40 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG020555.D

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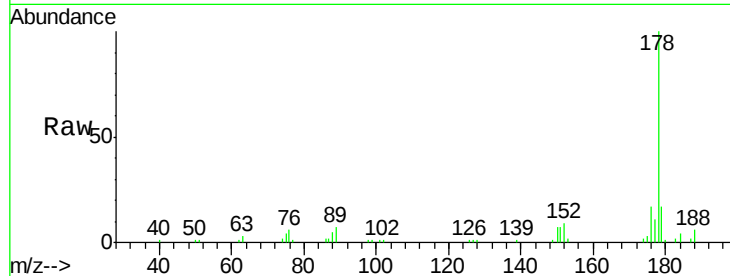
Tgt Ion:178 Resp: 30243

Ion Ratio Lower Upper

178 100

179 17.3 12.3 18.5

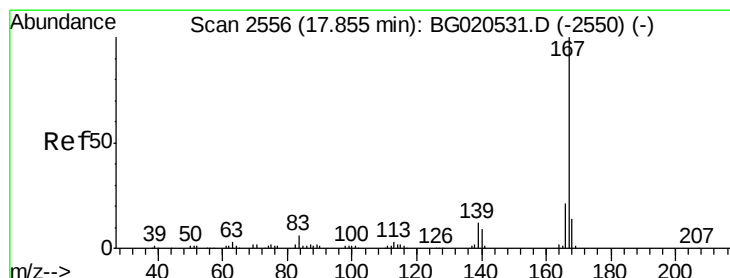
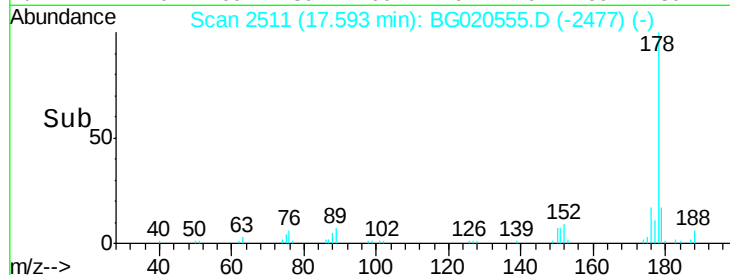
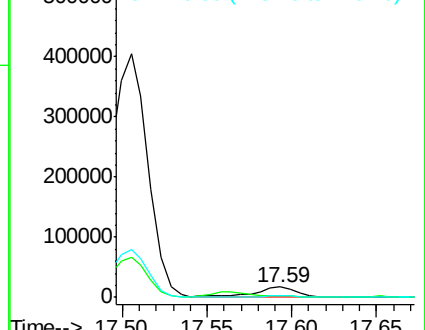
176 17.2 14.3 21.5



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: 30.77 ng/ul

RT: 17.86 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BG020555.D

Acq: 27 Dec 2015 14:38

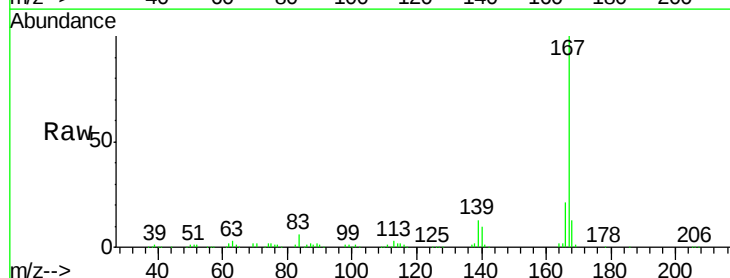
Tgt Ion:167 Resp: 230558

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

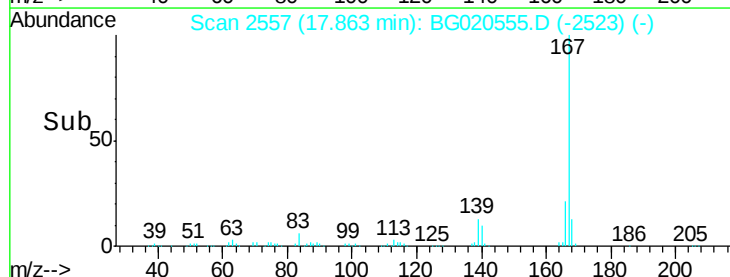
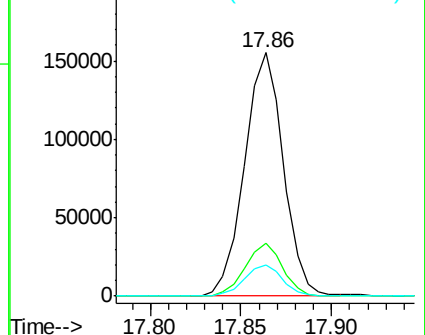
139 12.7 10.1 15.1

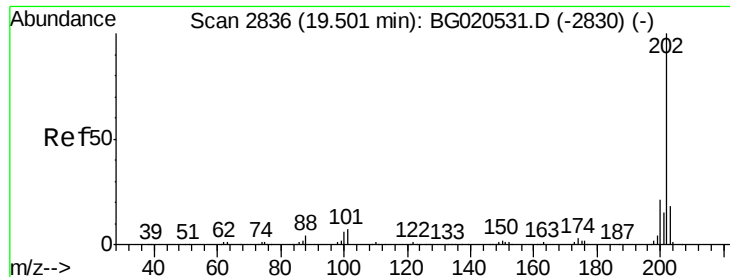


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

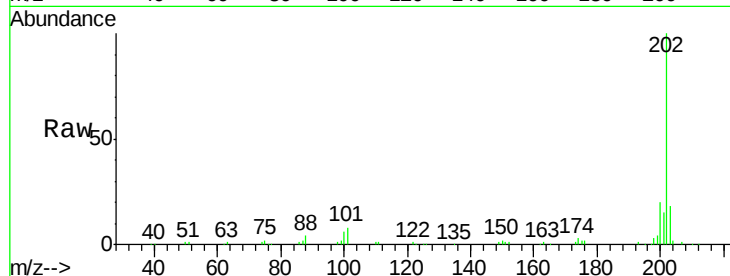




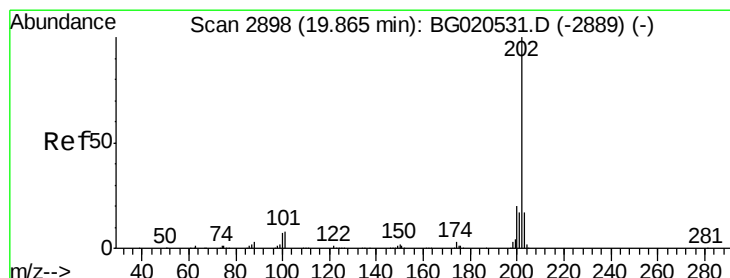
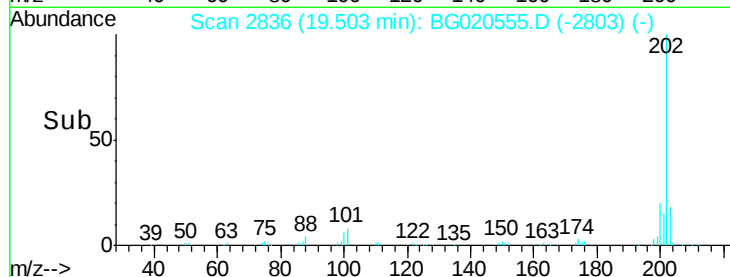
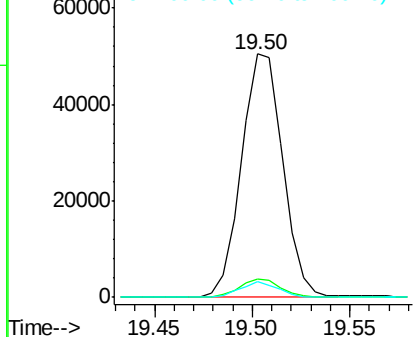
#77
Fluoranthene
 Concen: 6.77 ng/ul
 RT: 19.50 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: BG020555.D
 Acq: 27 Dec 2015 14:38

Instrument :
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Tgt Ion:202 Resp: 74043
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.2 9.4
 100 6.3 5.1 7.7

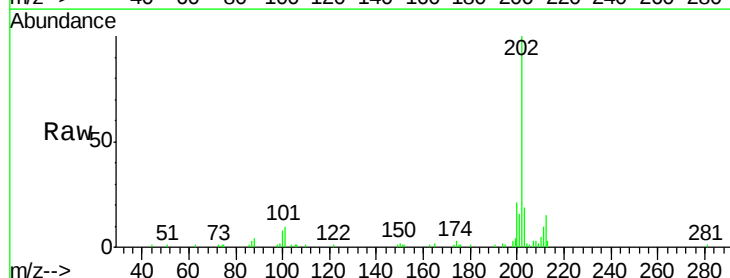


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#80
Pyrene
 Concen: 3.63 ng/ul
 RT: 19.87 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: BG020555.D
 Acq: 27 Dec 2015 14:38

Tgt Ion:202 Resp: 39494
 Ion Ratio Lower Upper
 202 100
 101 9.7 7.0 10.4
 100 7.9 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

