

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020308.D
 Acq On : 19 Dec 2015 12:38
 Operator : UM/SJ
 Sample : G4849-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N66

Quant Time: Dec 21 11:53:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	83328	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	62310	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	160222	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	208899	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	198010	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2739	8.10	ng/uL	0.00
5) Phenol-d5	7.24	99	62207	37.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	40428	41.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	50416	42.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	55046	39.09	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	27234	41.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	30687	42.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	58540	39.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	66389	40.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	197683	39.22	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	230331	39.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	32598	36.06	ng/ul	0.00
58) Fluorene-d10	15.71	176	181572	39.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	33541	35.31	ng/ul	0.00
71) Anthracene-d10	17.57	188	299974	40.63	ng/ul	0.00
79) Pyrene-d10	19.85	212	365853	37.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	418137	42.34	ng/ul	0.00

Target Compounds

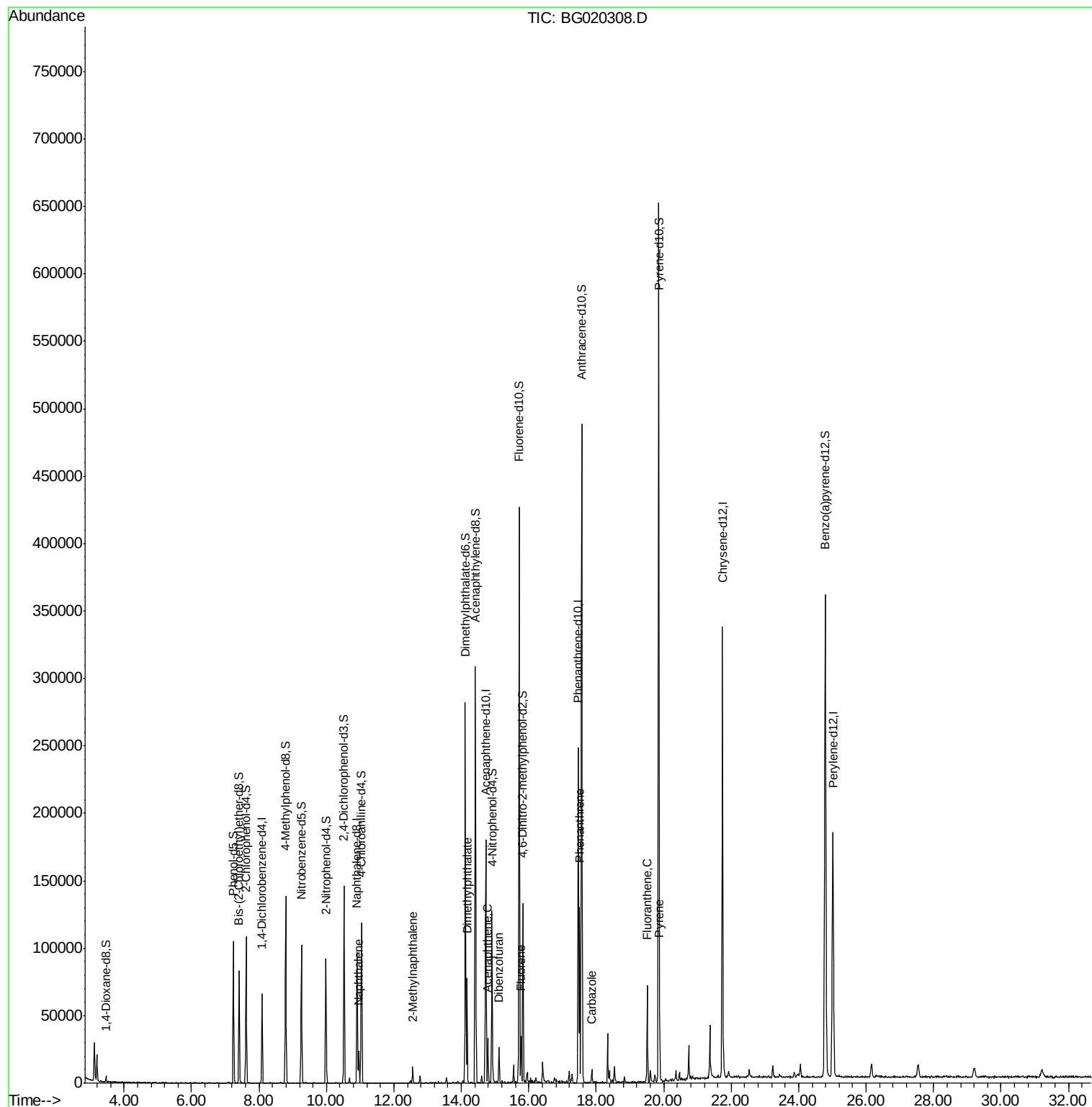
						Ovalue
28) Naphthalene	10.96	128	21314	4.90	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	6673	2.01	ng/ul	91
45) Dimethylphthalate	14.17	163	50160	9.74	ng/ul	99
50) Acenaphthene	14.78	153	14650	3.50	ng/ul	98
54) Dibenzofuran	15.12	168	17476	2.80	ng/ul	97
59) Fluorene	15.76	166	16667	3.33	ng/ul	95
70) Phenanthrene	17.51	178	82993	9.47	ng/ul	99
75) Carbazole	17.87	167	8090	1.08	ng/ul#	95
77) Fluoranthene	19.51	202	48077	4.69	ng/ul	98
80) Pyrene	19.88	202	33847	2.68	ng/ul	97

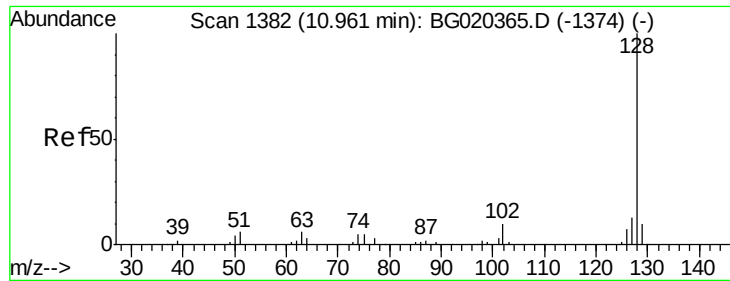
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020308.D
Acq On : 19 Dec 2015 12:38
Operator : UM/SJ
Sample : G4849-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N66

Quant Time: Dec 21 11:53:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 4.90 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG020308.D

Acq: 19 Dec 2015 12:38

Instrument :

BNA_G

ClientSampleId :

D9N66

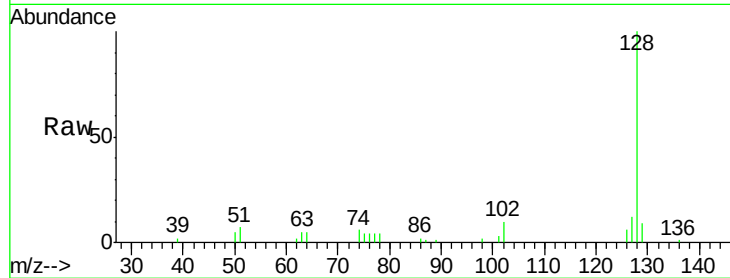
Tot Ion:128 Resp: 21314

Ion Ratio Lower Upper

128 100

129 9.1 8.6 12.8

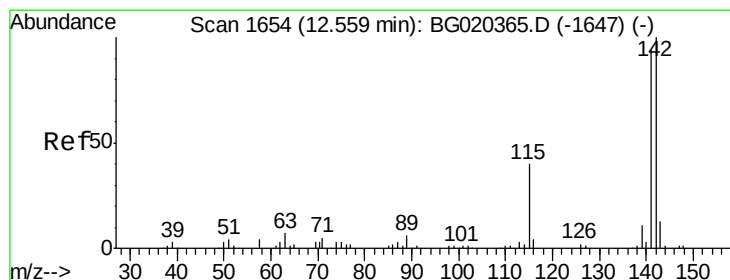
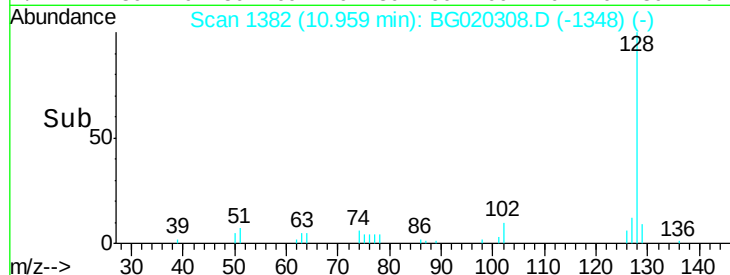
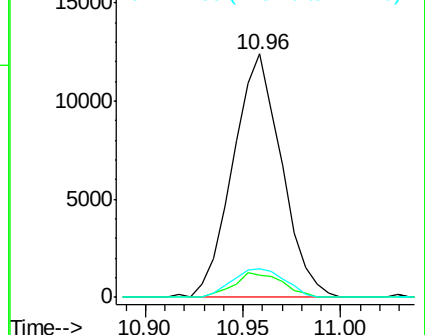
127 12.0 10.1 15.1



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



#34

2-Methylnaphthalene

Concen: 2.01 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG020308.D

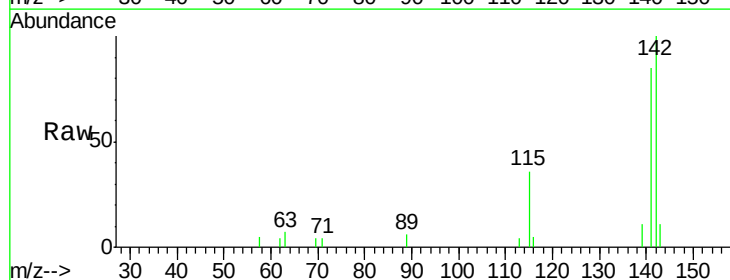
Acq: 19 Dec 2015 12:38

Tgt Ion:142 Resp: 6673

Ion Ratio Lower Upper

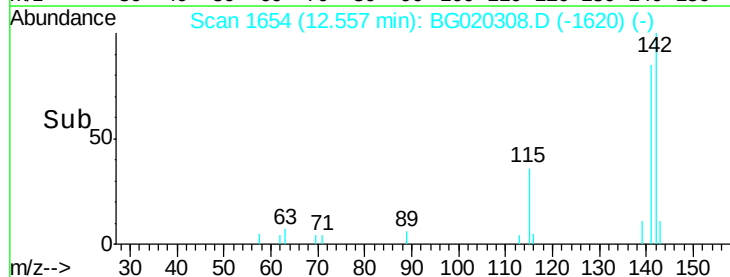
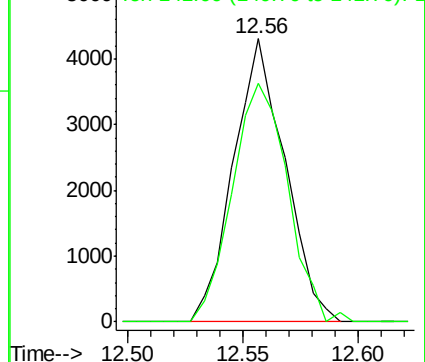
142 100

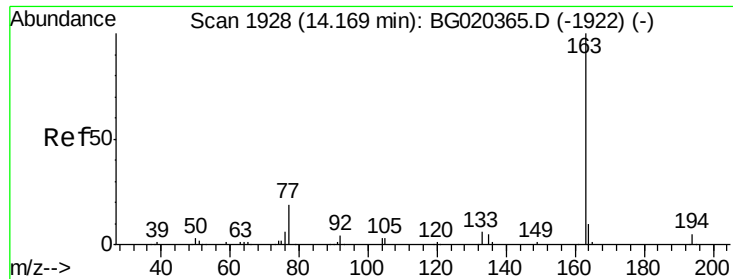
141 84.5 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 9.74 ng/ul

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG020308.D

Acq: 19 Dec 2015 12:38

Instrument :

BNA_G

ClientSampleId :

D9N66

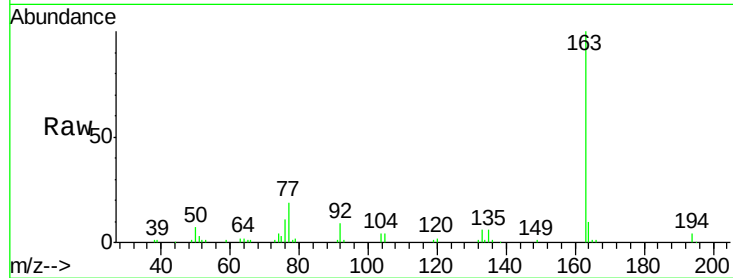
Tot Ion:163 Resp: 50160

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

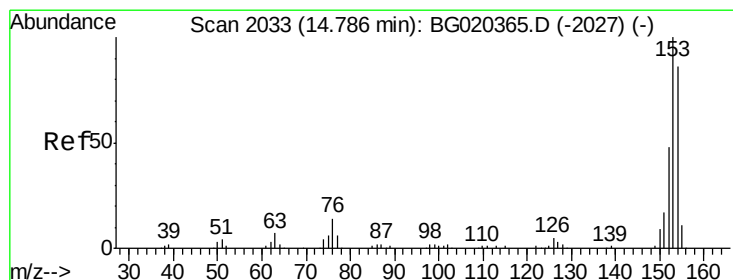
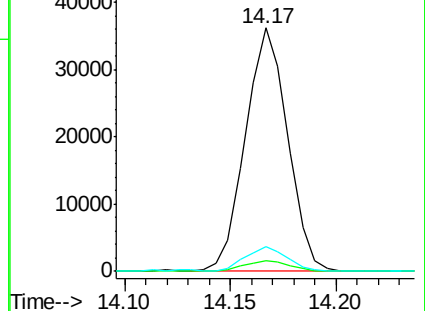
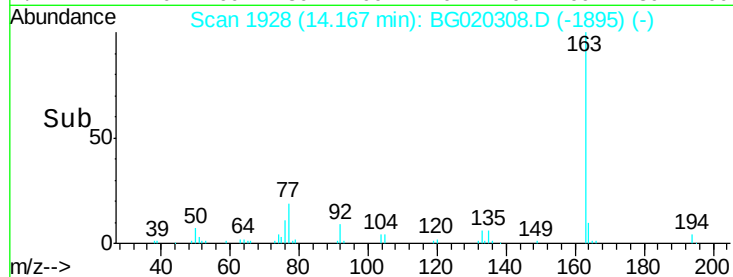
164 10.3 7.7 11.5



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



#50

Acenaphthene

Concen: 3.50 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG020308.D

Acq: 19 Dec 2015 12:38

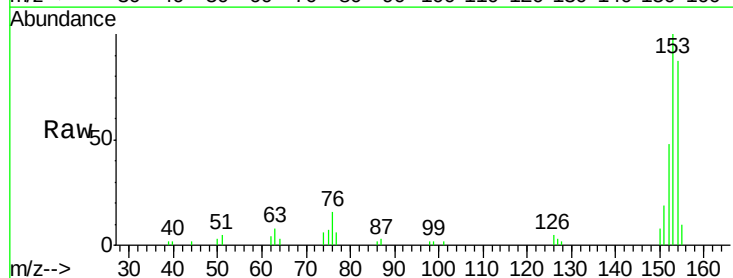
Tgt Ion:153 Resp: 14650

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

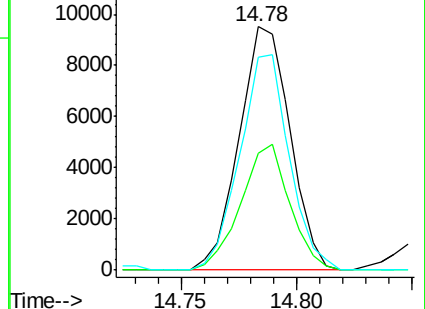
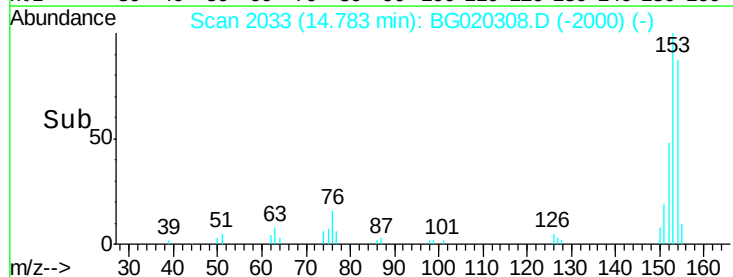
154 87.3 67.9 101.9

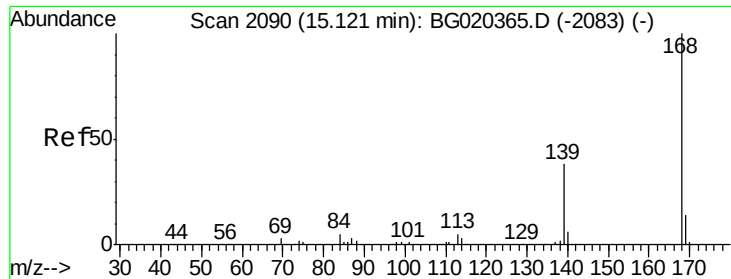


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.80 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG020308.D

Acq: 19 Dec 2015 12:38

Instrument :

BNA_G

ClientSampleId :

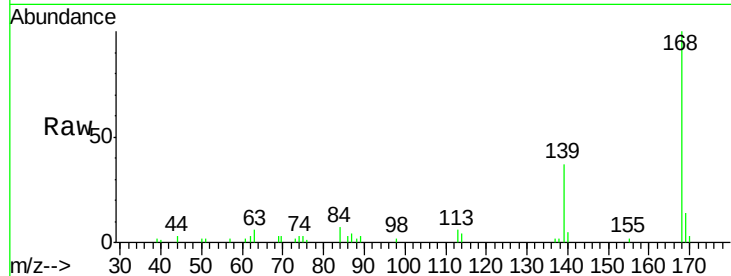
D9N66

Tot Ion:168 Resp: 17476

Ion Ratio Lower Upper

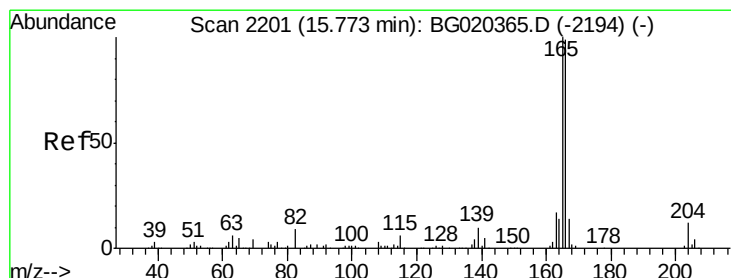
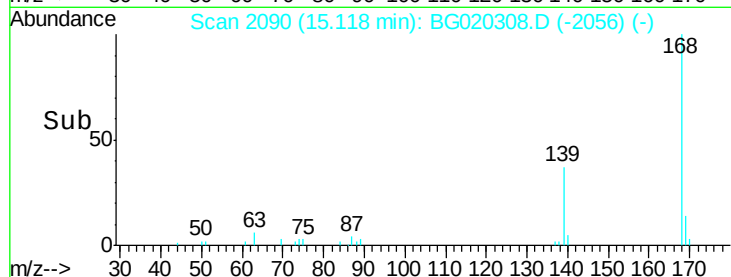
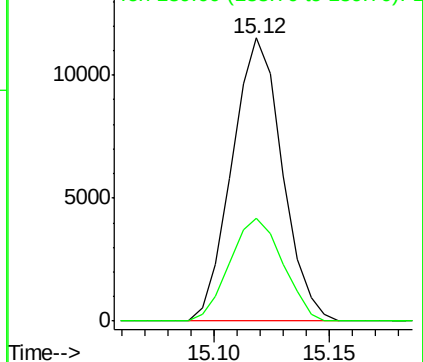
168 100

139 36.5 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: 3.33 ng/ul

RT: 15.76 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020308.D

Acq: 19 Dec 2015 12:38

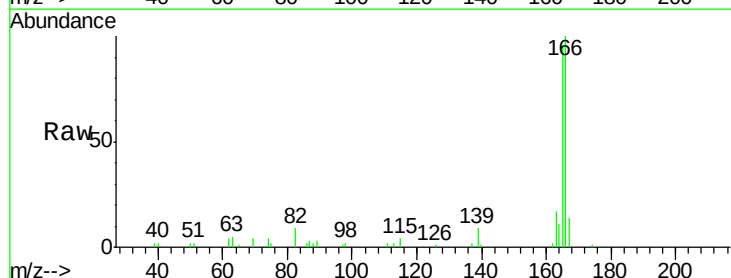
Tgt Ion:166 Resp: 16667

Ion Ratio Lower Upper

166 100

165 96.3 81.4 122.0

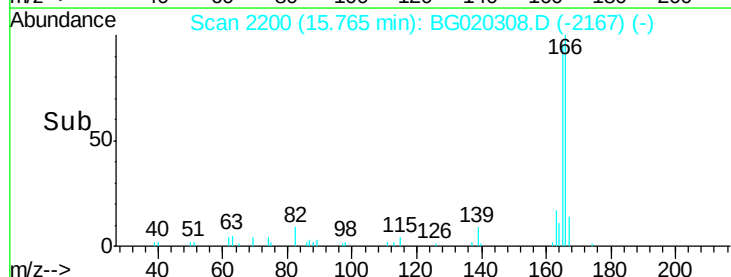
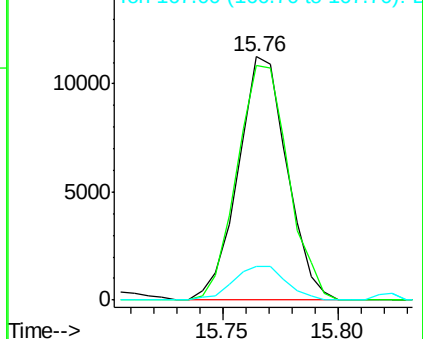
167 14.1 11.2 16.8

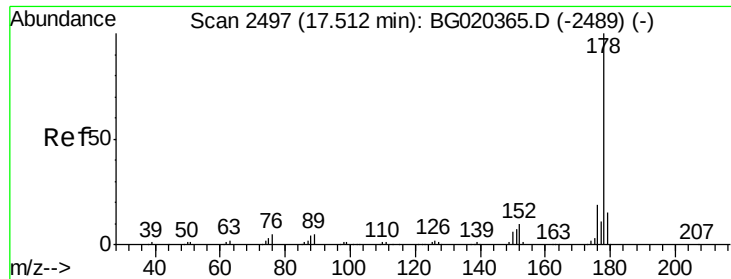


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 9.47 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG020308.D

Acq: 19 Dec 2015 12:38

Instrument :

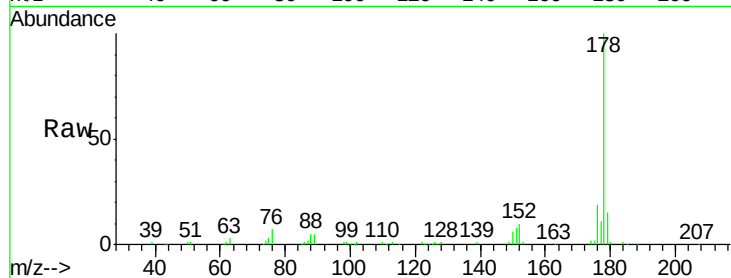
BNA_G

ClientSampleId :

D9N66

Tot Ion:178 Resp: 82993

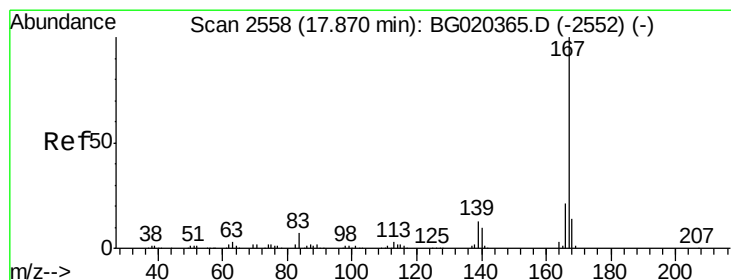
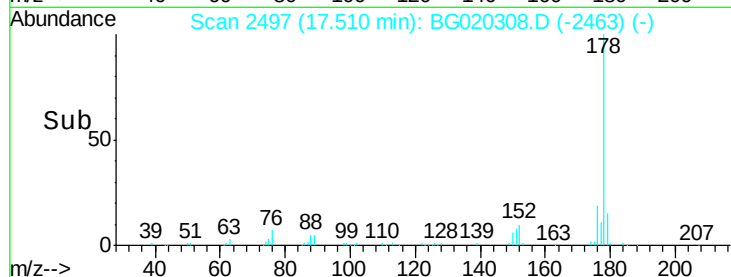
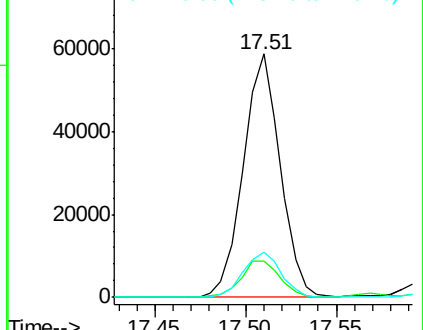
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	18.8	15.3	22.9



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



#75

Carbazole

Concen: 1.08 ng/ul

RT: 17.87 min Scan# 2558

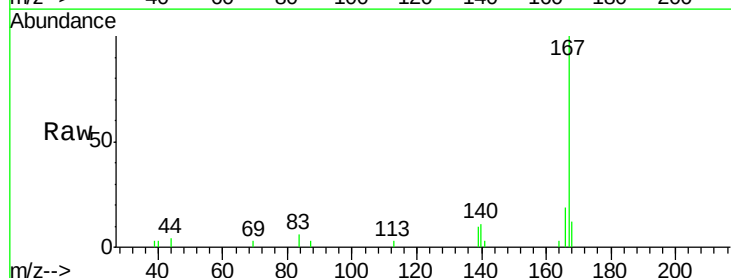
Delta R.T. 0.00 min

Lab File: BG020308.D

Acq: 19 Dec 2015 12:38

Tgt Ion:167 Resp: 8090

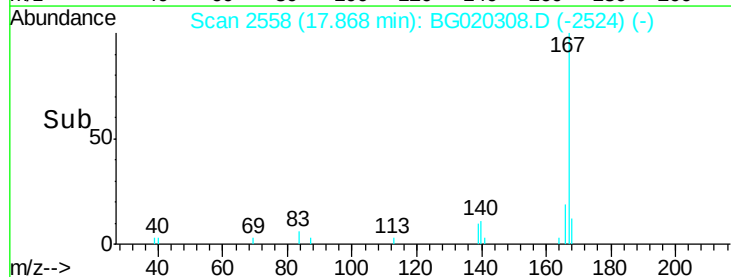
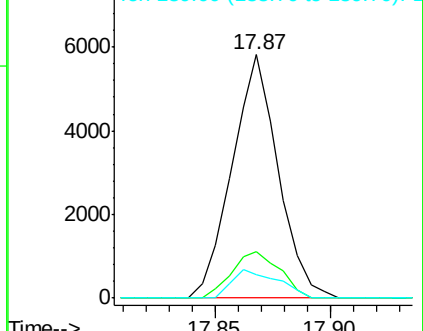
Ion	Ratio	Lower	Upper
167	100		
166	19.2	17.0	25.6
139	9.9	10.1	15.1#

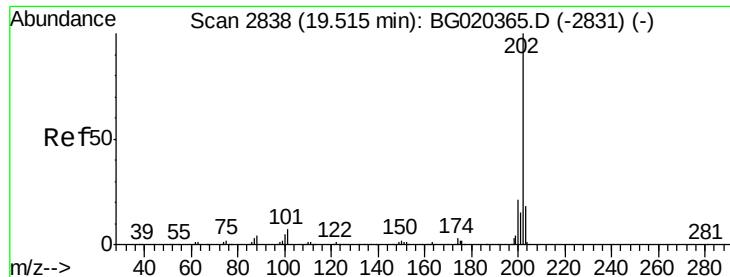


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

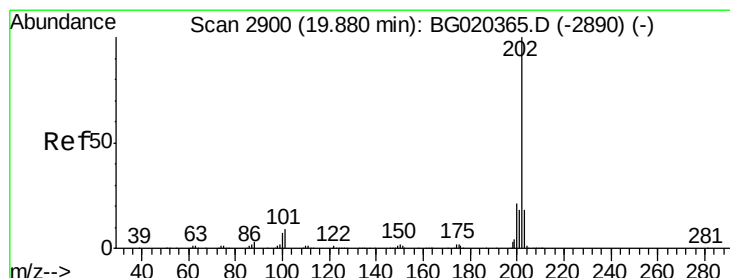
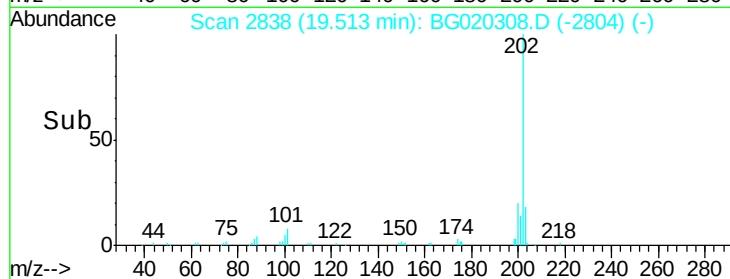
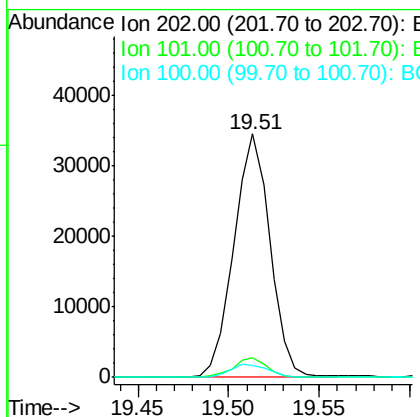
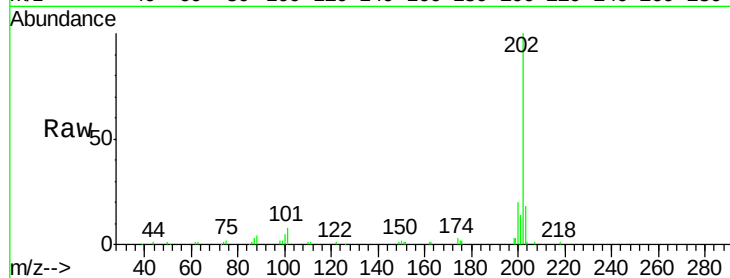




#77
Fluoranthene
 Concen: 4.69 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG020308.D
 Acq: 19 Dec 2015 12:38

Instrument :
 BNA_G
 ClientSampleId :
 D9N66

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.4
100	5.2	5.1	7.7



#80
Pyrene
 Concen: 2.68 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG020308.D
 Acq: 19 Dec 2015 12:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.0	10.4
100	6.6	6.4	9.6

