

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 10:19:51 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

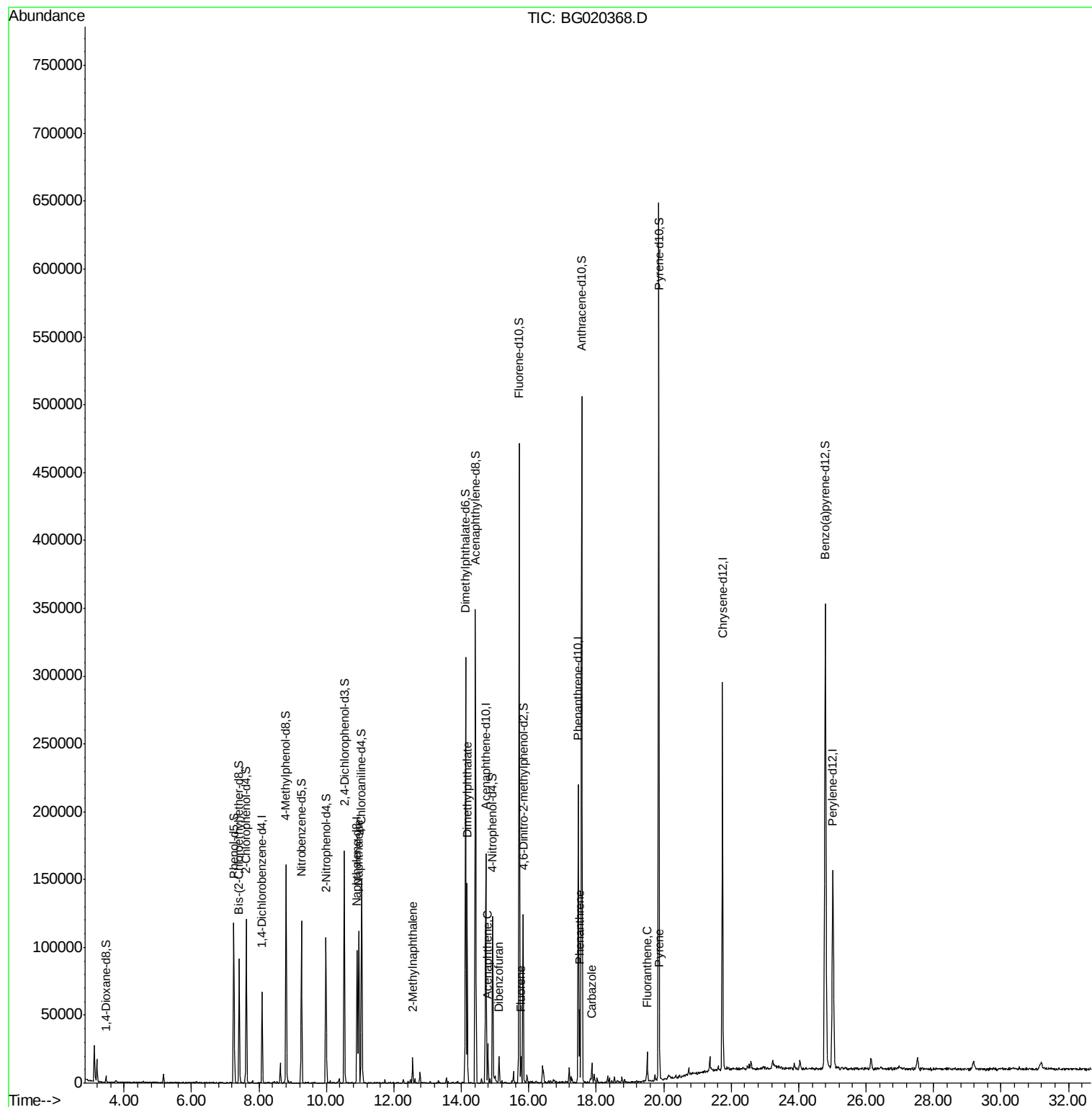
						Ovalue
28) Naphthalene	10.96	128	96476	21.87	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	9765	2.90	ng/ul	90
45) Dimethylphthalate	14.17	163	99902	20.69	ng/ul	99
50) Acenaphthene	14.79	153	13336	3.39	ng/ul	96
54) Dibenzofuran	15.12	168	13585	2.32	ng/ul	96
59) Fluorene	15.76	166	9096	1.94	ng/ul	99
70) Phenanthrene	17.51	178	35240	4.53	ng/ul	100
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

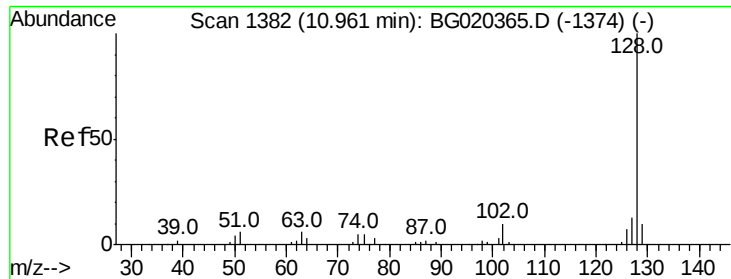
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

Instrument :

BNA_G

ClientSampleId :

D9N62

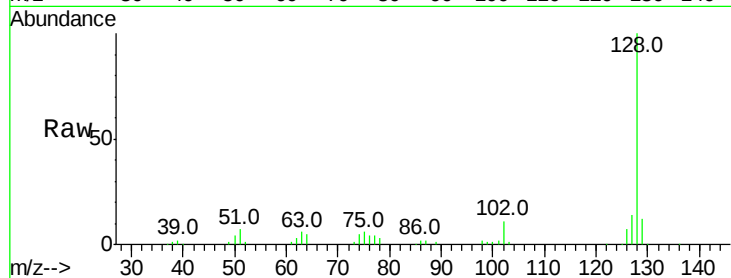
Tot Ion:128 Resp: 96476

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

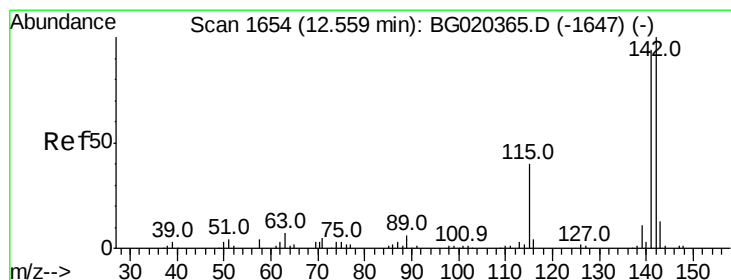
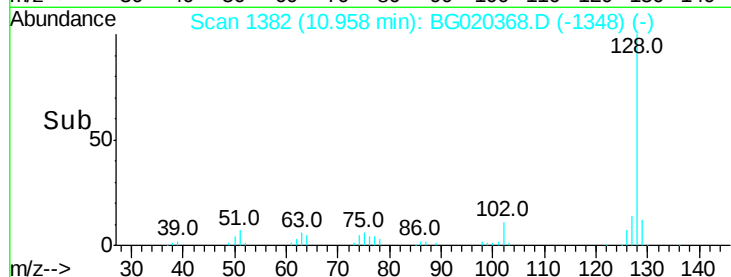
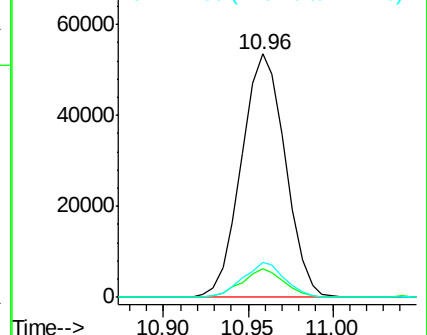
127 14.2 10.1 15.1



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: 2.90 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG020368.D

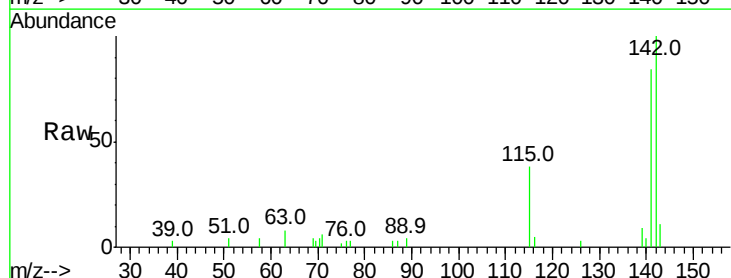
Acq: 21 Dec 2015 7:43

Tgt Ion:142 Resp: 9765

Ion Ratio Lower Upper

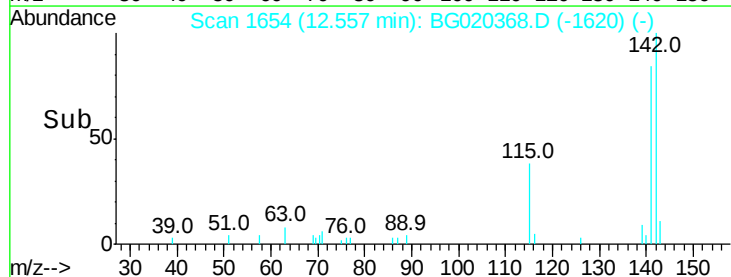
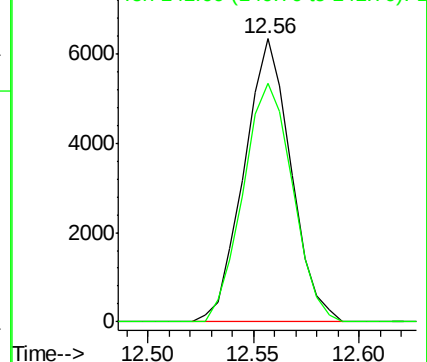
142 100

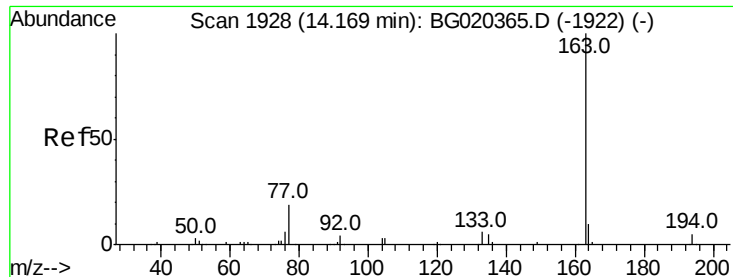
141 84.4 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_G

ClientSampleId :

D9N62

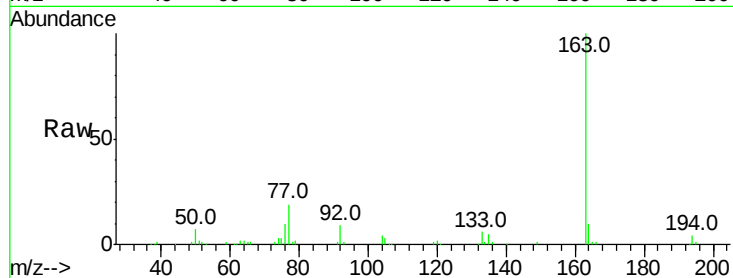
Tot Ion:163 Resp: 99902

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

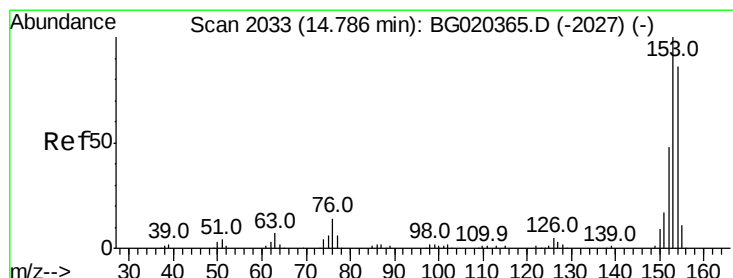
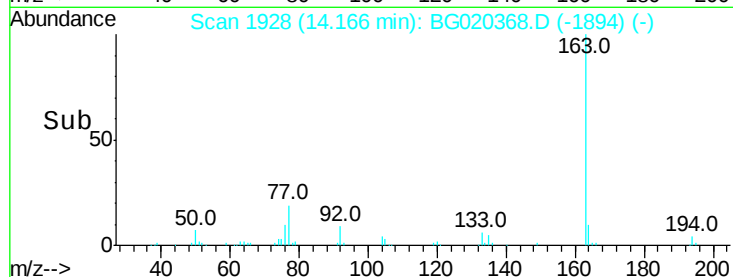
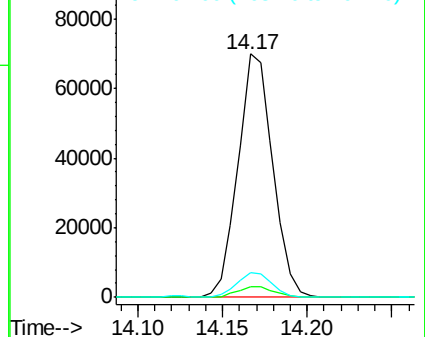
164 10.0 7.7 11.5



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: 3.39 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020368.D

Acq: 21 Dec 2015 7:43

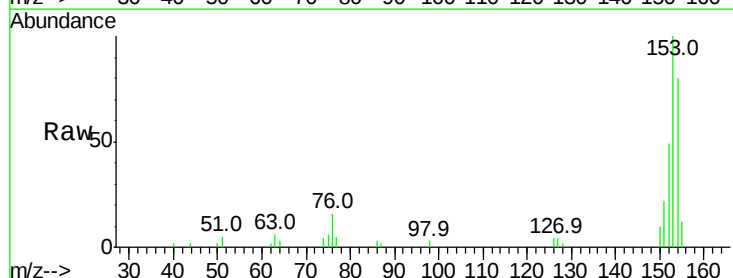
Tgt Ion:153 Resp: 13336

Ion Ratio Lower Upper

153 100

152 48.5 37.6 56.4

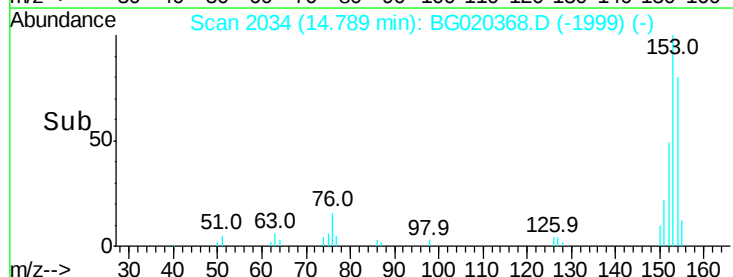
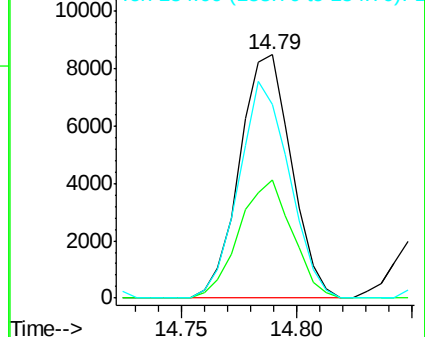
154 79.7 67.9 101.9

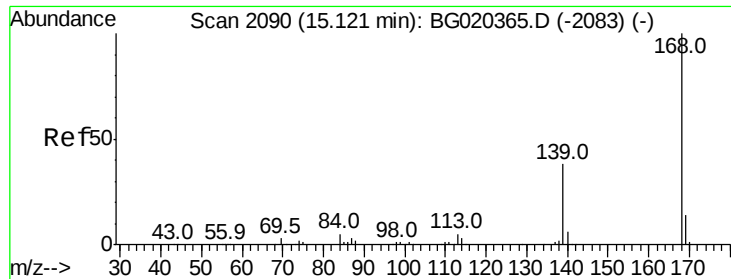


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.32 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020368.D

Acq: 21 Dec 2015 7:43

Instrument :

BNA_G

ClientSampleId :

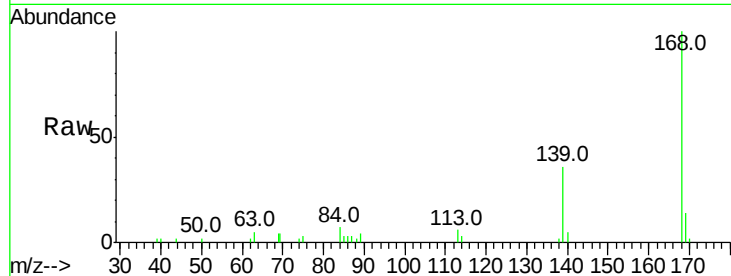
D9N62

Tot Ion:168 Resp: 13585

Ion Ratio Lower Upper

168 100

139 35.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.12

10000

8000

6000

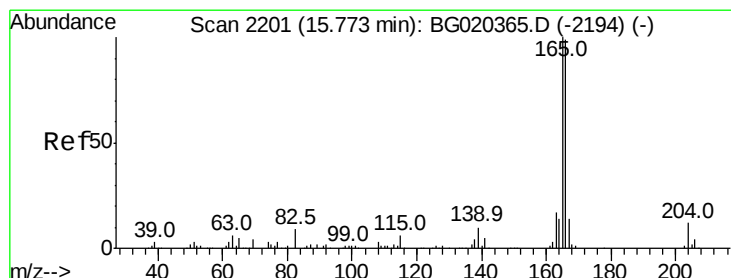
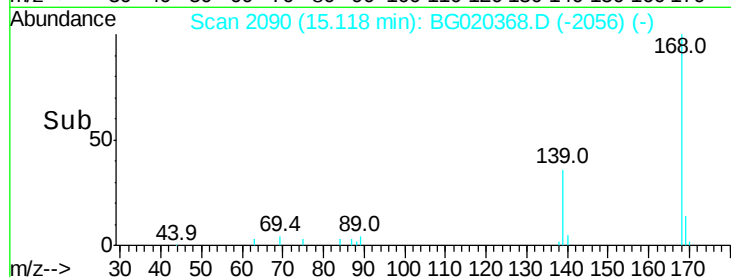
4000

2000

0

15.10 15.15

Time-->



#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

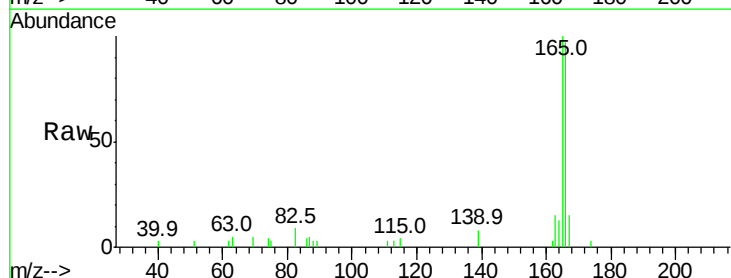
Tgt Ion:166 Resp: 9096

Ion Ratio Lower Upper

166 100

165 102.7 81.4 122.0

167 15.0 11.2 16.8



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

15.76

8000

6000

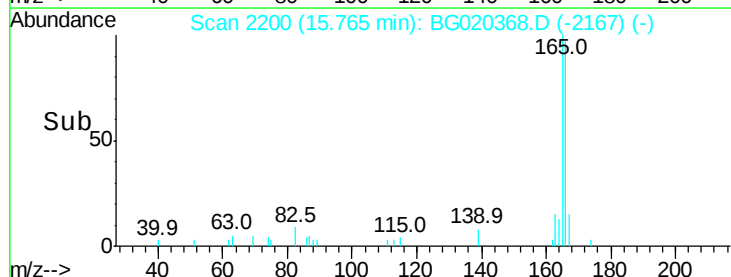
4000

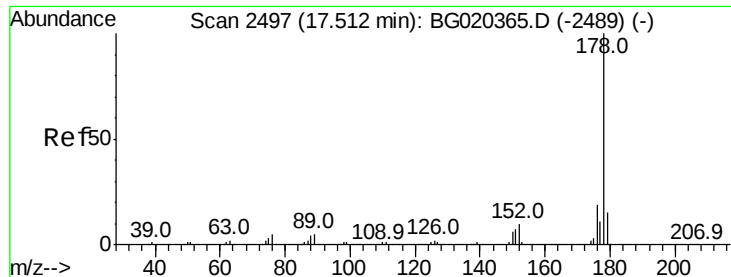
2000

0

15.75 15.80

Time-->





#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

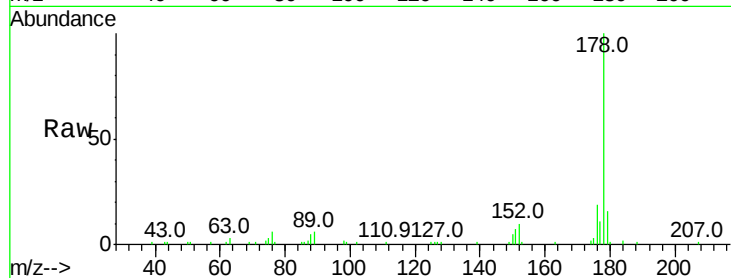
Tot Ion:178 Resp: 35240

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.2	15.3	22.9

178 100

179 16.0 12.9 19.3

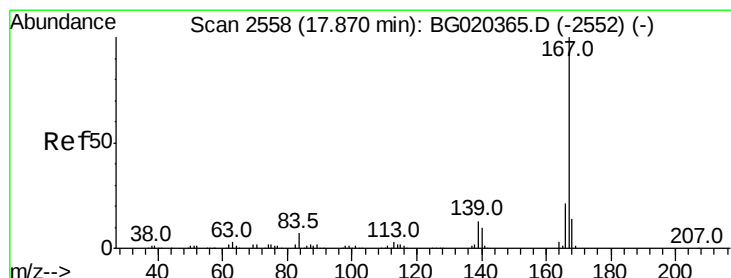
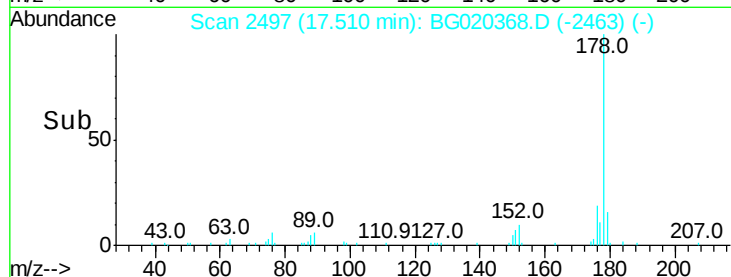
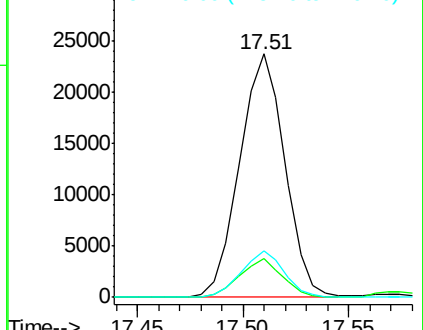
176 19.2 15.3 22.9



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



#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

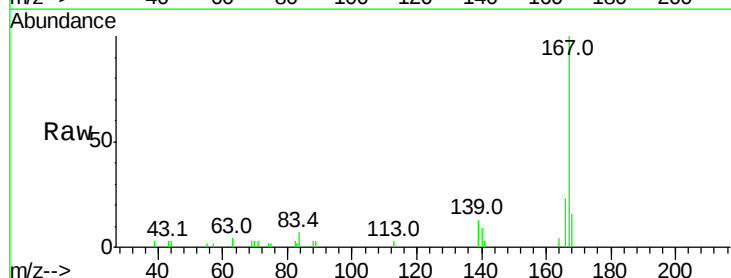
Tgt Ion:167 Resp: 10566

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.0	25.6
139	12.6	10.1	15.1

167 100

166 22.5 17.0 25.6

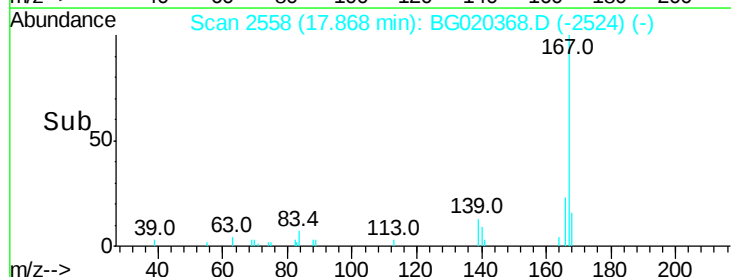
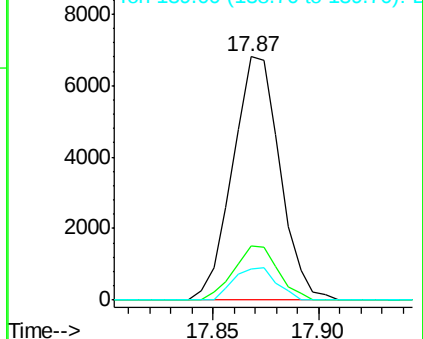
139 12.6 10.1 15.1

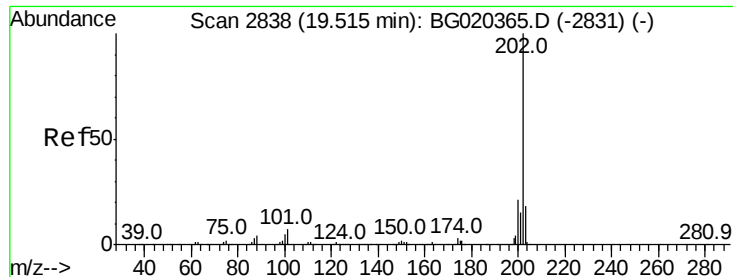


Abundance Ion 167.00 (166.70 to 167.70): E

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

Instrument :

BNA_G

ClientSampleId :

D9N62

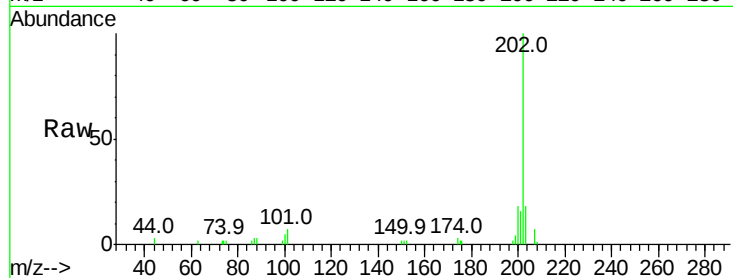
Tot Ion:202 Resp: 15439

Ion Ratio Lower Upper

202 100

101 7.4 6.2 9.4

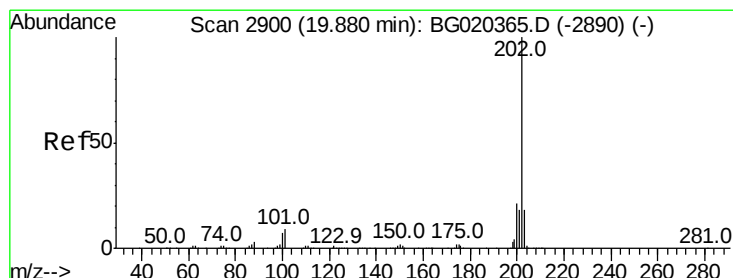
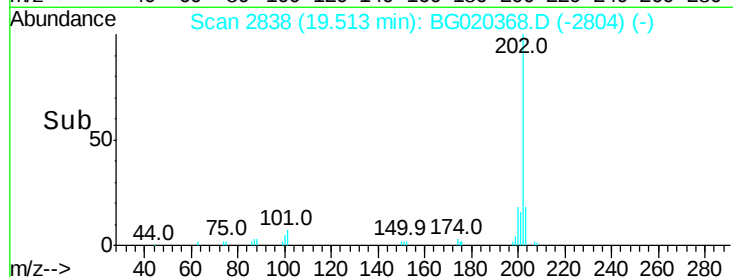
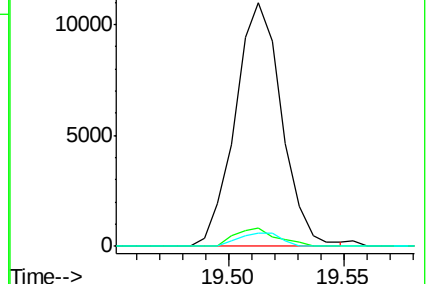
100 5.4 5.1 7.7



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

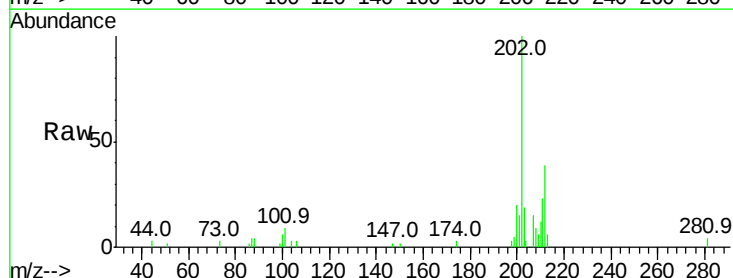
Tgt Ion:202 Resp: 11164

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

