

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
 Data File : BG020219.D
 Acq On : 16 Dec 2015 11:19
 Operator : UM/SJ
 Sample : G4786-09DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BQ4DL

Quant Time: Dec 17 14:28:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	17911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	78309	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	58956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	155153	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	171123	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	164057	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	1169	0.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3183	3.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	3375	2.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2650	1.96	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	2669	4.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	2365	3.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	4724	3.43	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	19818	4.16	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	23084	4.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	602	0.70	ng/ul	0.00
58) Fluorene-d10	15.71	176	19202	4.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2571	2.80	ng/ul	0.00
71) Anthracene-d10	17.57	188	31711	4.44	ng/ul	0.00
79) Pyrene-d10	19.85	212	32919	4.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	30861	3.77	ng/ul	0.00

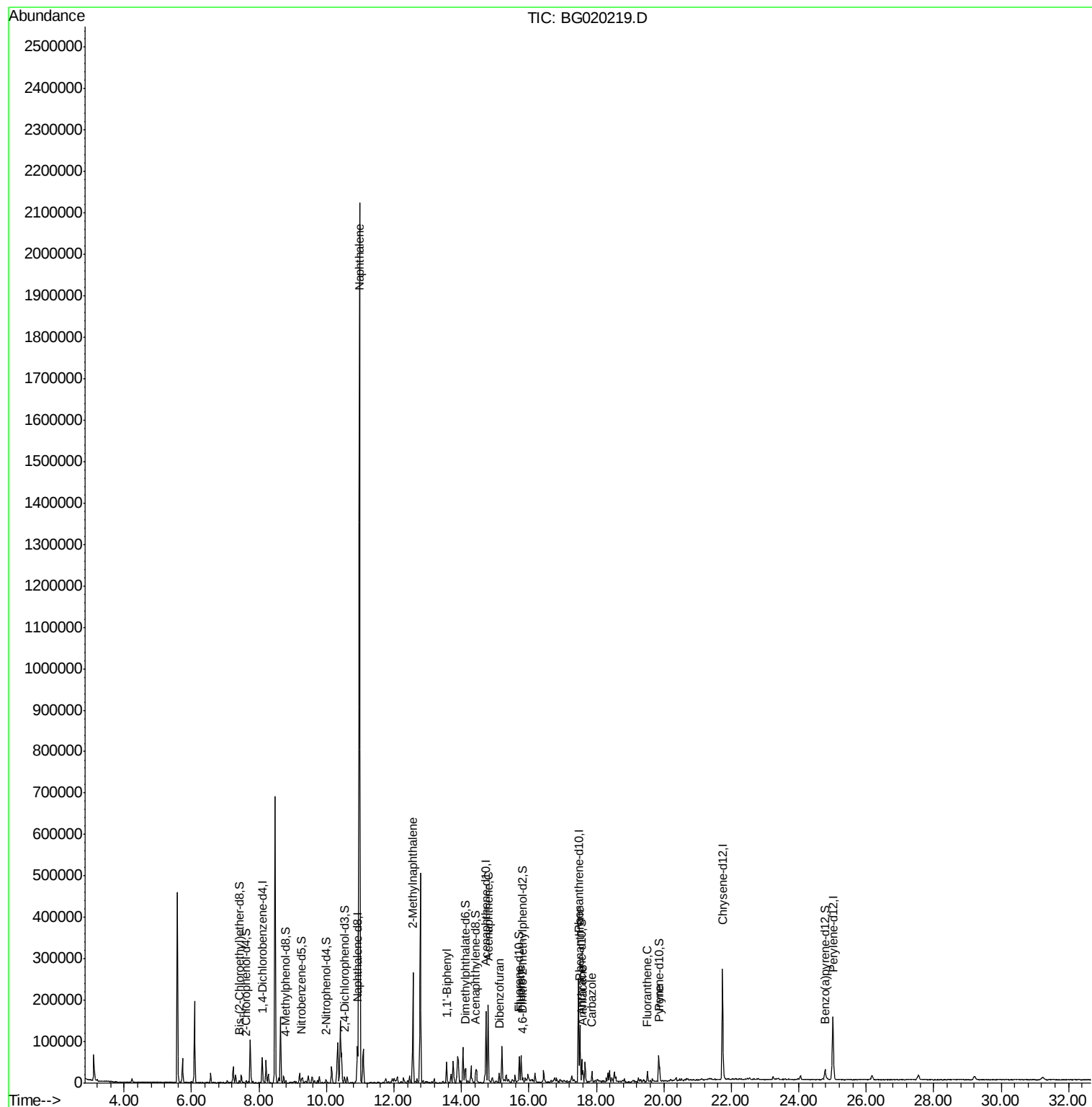
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.98	128	1851184	452.68	ng/ul#	92
34) 2-Methylnaphthalene	12.56	142	122181	39.11	ng/ul	100
41) 1,1'-Biphenyl	13.56	154	24831	5.58	ng/ul	99
50) Acenaphthene	14.79	153	78556	19.81	ng/ul	97
54) Dibenzofuran	15.13	168	8044	1.36	ng/ul	94
59) Fluorene	15.77	166	29934	6.32	ng/ul	96
70) Phenanthrene	17.51	178	84876	10.00	ng/ul	97
72) Anthracene	17.60	178	17461	2.03	ng/ul	98
75) Carbazole	17.87	167	15327	2.12	ng/ul#	95
77) Fluoranthene	19.51	202	15616	1.57	ng/ul	98
80) Pyrene	19.87	202	23948	2.31	ng/ul	97

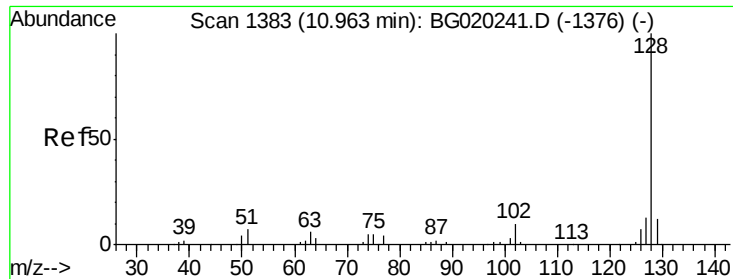
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 452.68 ng/ul

RT: 10.98 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

G9BQ4DL

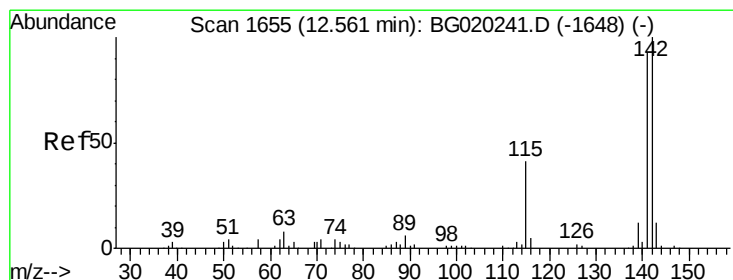
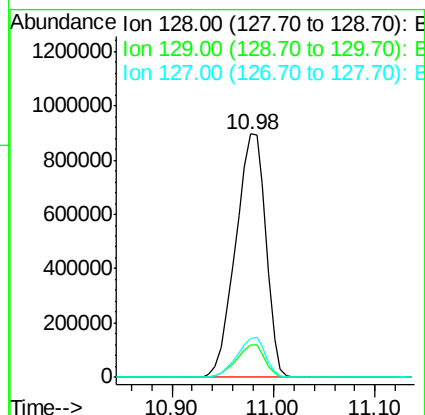
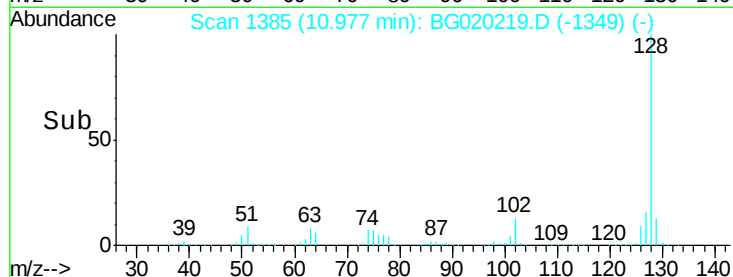
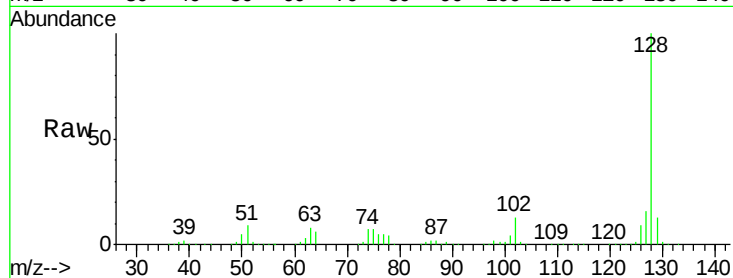
Tot Ion:128 Resp: 1851184

Ion Ratio Lower Upper

128 100

129 13.2 8.6 12.8#

127 16.2 10.1 15.1#



#34

2-Methylnaphthalene

Concen: 39.11 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG020219.D

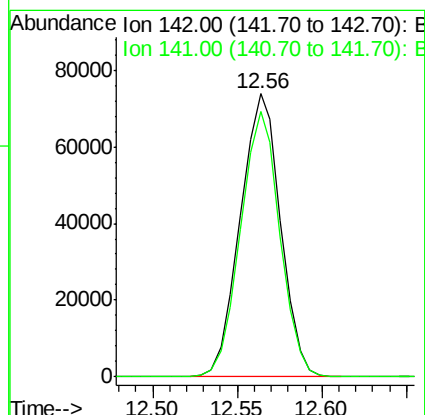
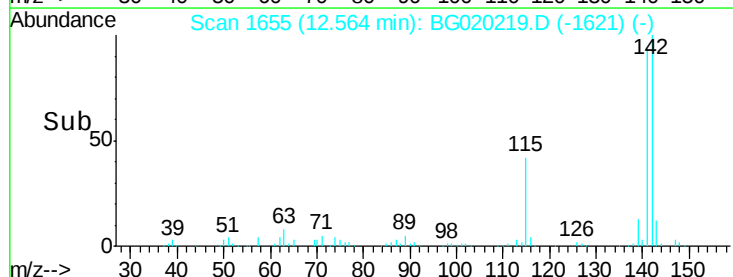
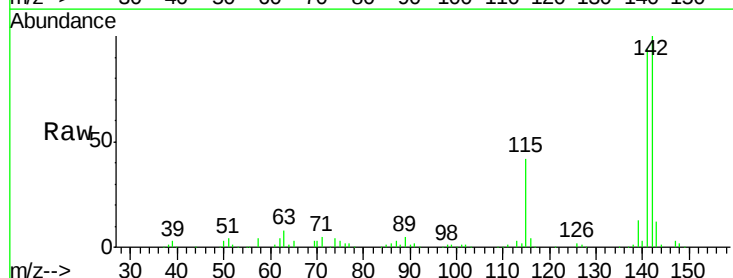
Acq: 16 Dec 2015 11:19

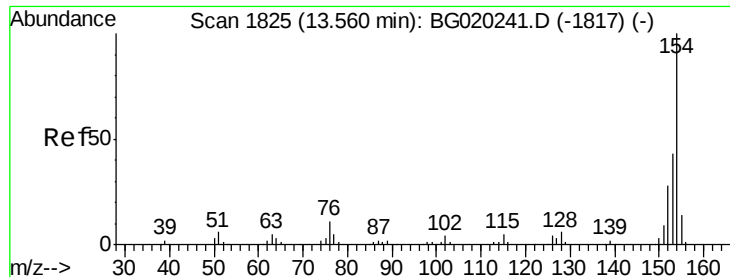
Tgt Ion:142 Resp: 122181

Ion Ratio Lower Upper

142 100

141 93.9 74.9 112.3

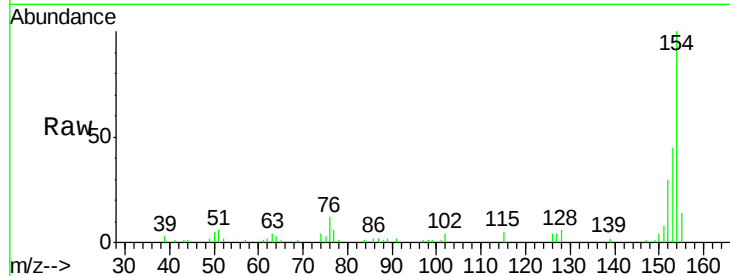




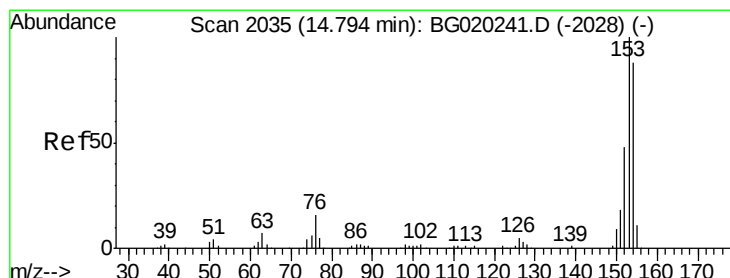
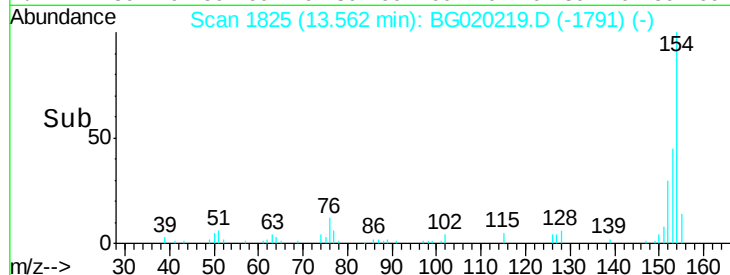
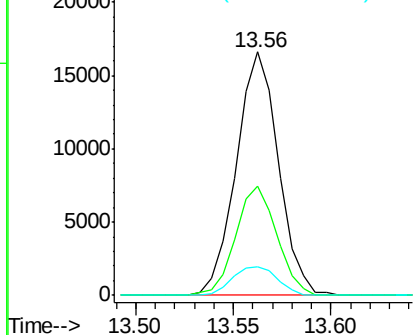
#41
 1,1'-Biphenyl
 Concen: 5.58 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

Instrument :
 BNA_G
 ClientSampleID :
 G9BQ4DL

Tot Ion:154 Resp: 24831
 Ion Ratio Lower Upper
 154 100
 153 44.9 35.5 53.3
 76 11.7 10.4 15.6

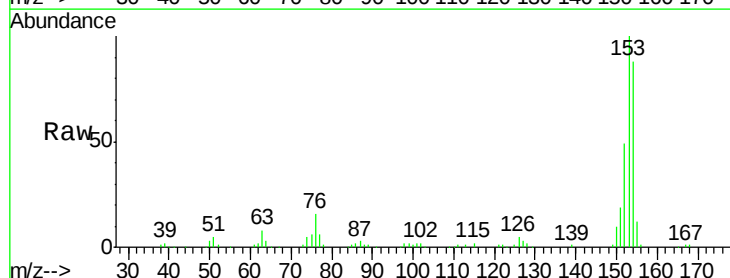


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

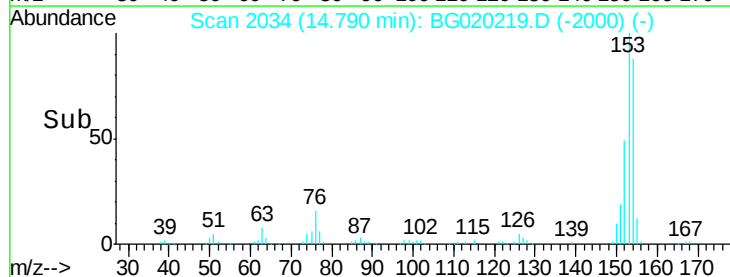
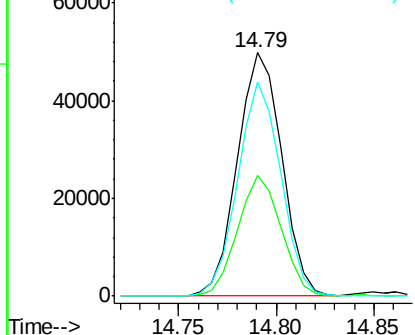


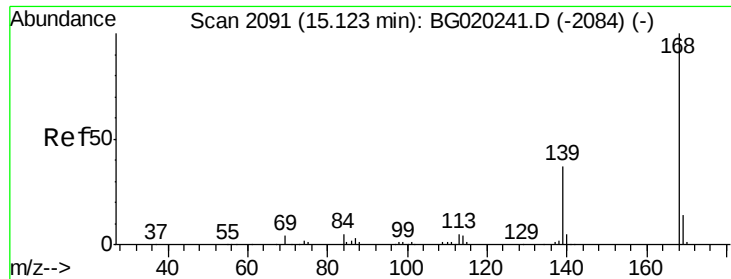
#50
 Acenaphthene
 Concen: 19.81 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

Tgt Ion:153 Resp: 78556
 Ion Ratio Lower Upper
 153 100
 152 49.4 37.6 56.4
 154 87.9 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: 1.36 ng/ul

RT: 15.13 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

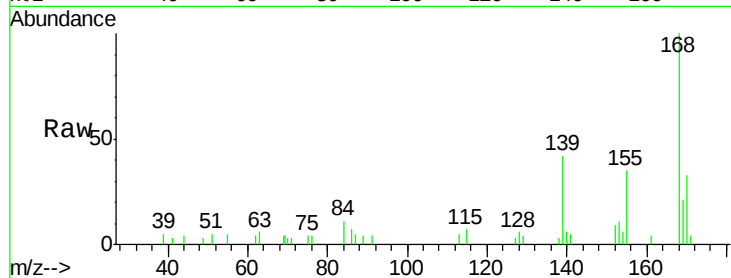
G9BQ4DL

Tot Ion:168 Resp: 8044

Ion Ratio Lower Upper

168 100

139 41.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.13

6000

5000

4000

3000

2000

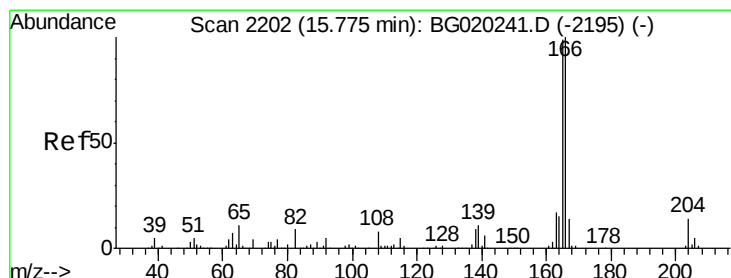
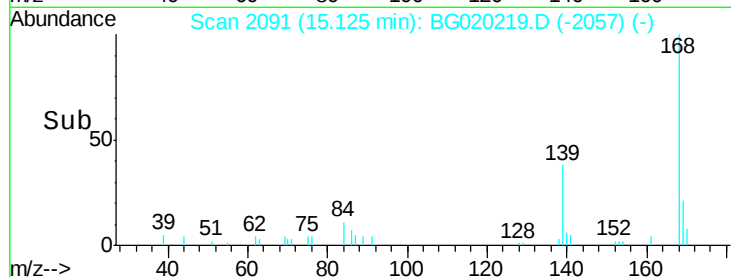
1000

0

Time-->

15.10

15.15



#59

Fluorene

Concen: 6.32 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

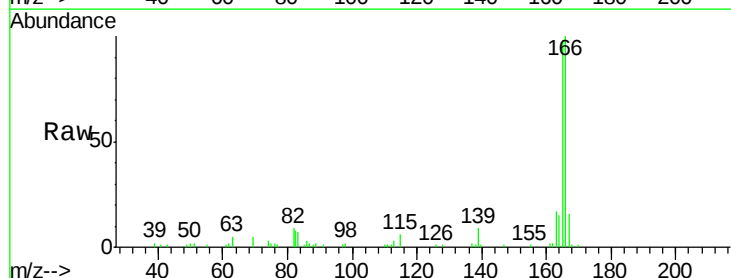
Tgt Ion:166 Resp: 29934

Ion Ratio Lower Upper

166 100

165 98.0 81.4 122.0

167 16.4 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

15.77

25000

20000

15000

10000

5000

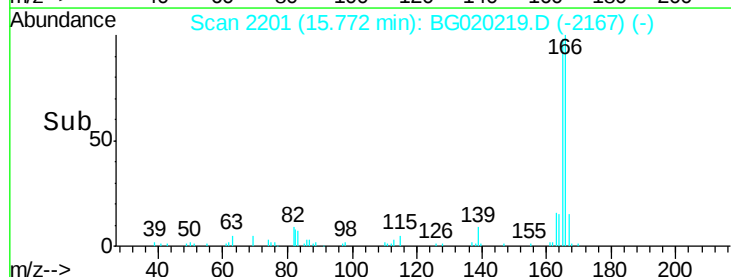
0

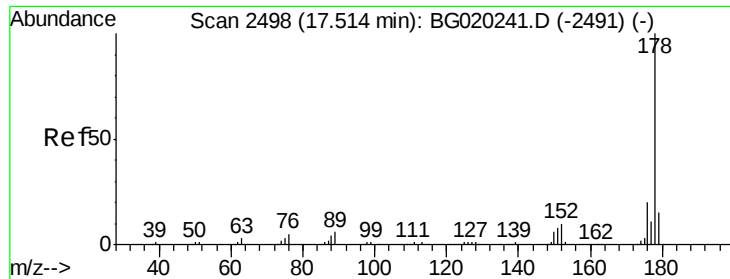
Time-->

15.75

15.80

15.85





#70

Phenanthrene

Concen: 10.00 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

G9BQ4DL

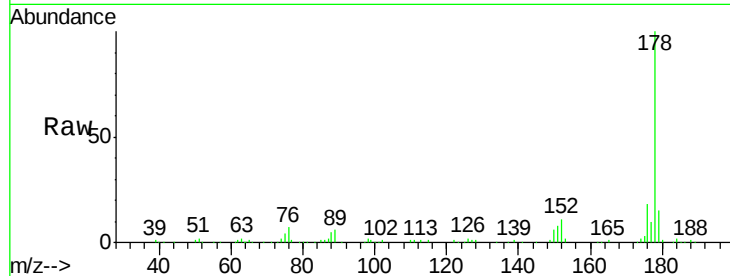
Tot Ion:178 Resp: 84876

Ion Ratio Lower Upper

178 100

179 15.3 12.9 19.3

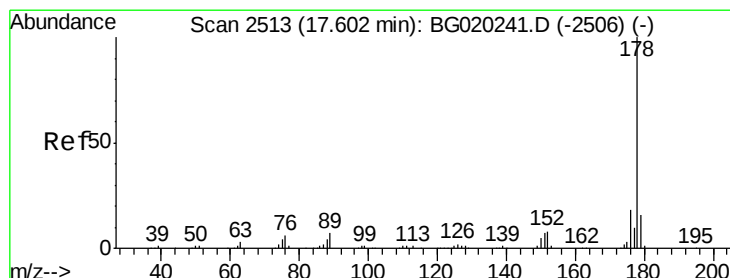
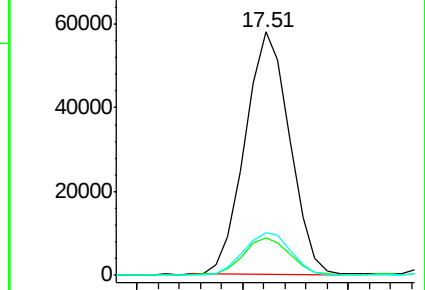
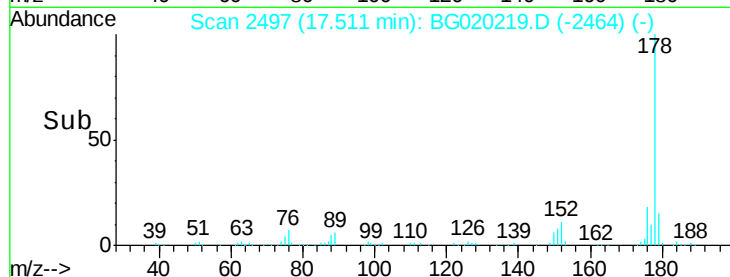
176 17.6 15.3 22.9



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: 2.03 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

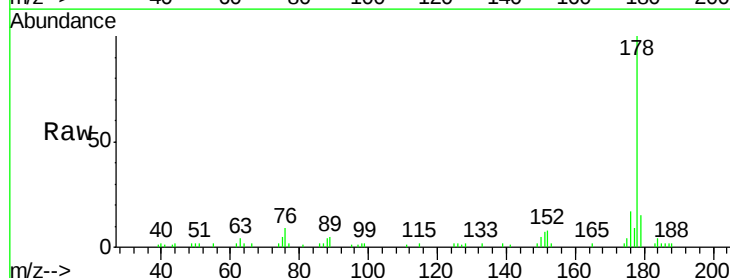
Tgt Ion:178 Resp: 17461

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

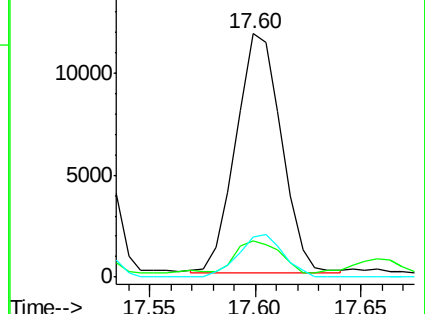
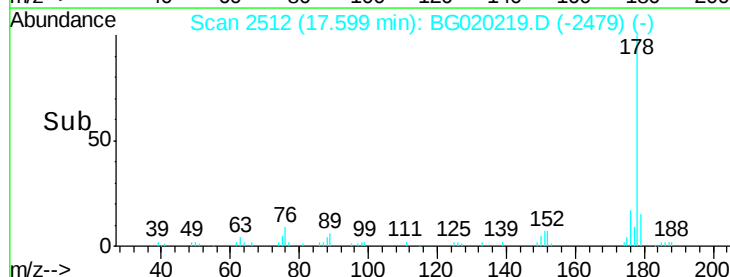
176 16.7 14.3 21.5

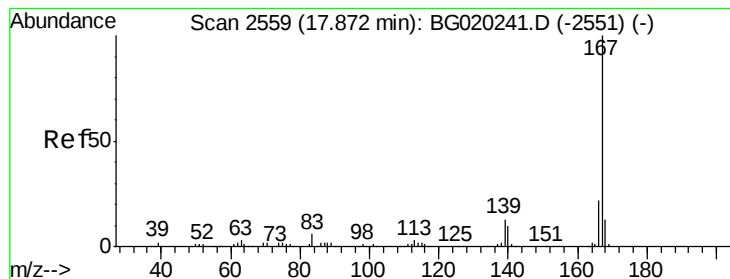


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 2.12 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

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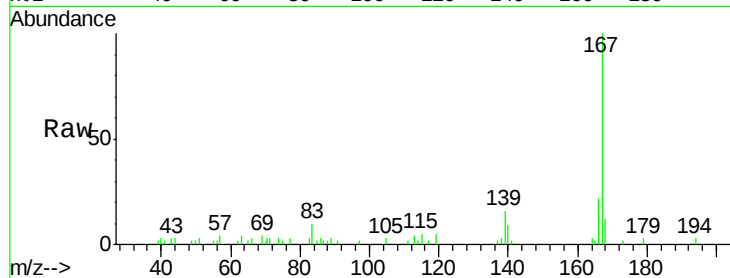
Tot Ion:167 Resp: 15327

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.6

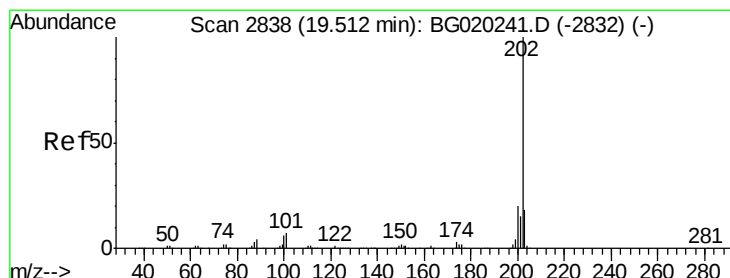
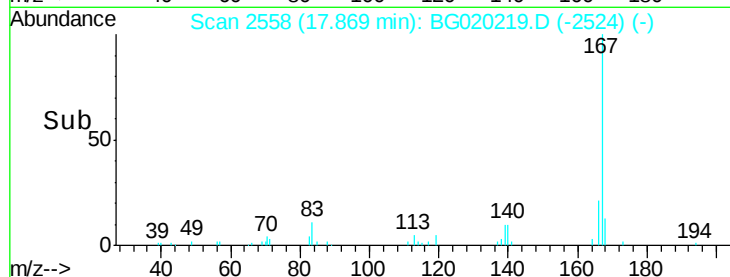
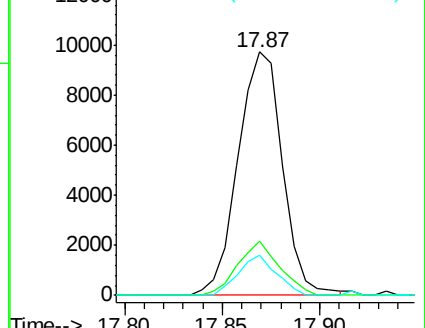
139 16.5 10.1 15.1#



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: 1.57 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

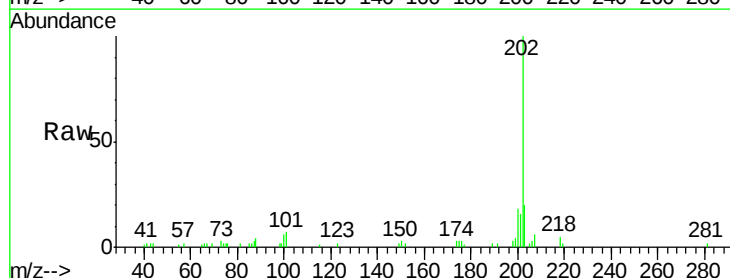
Tgt Ion:202 Resp: 15616

Ion Ratio Lower Upper

202 100

101 6.9 6.2 9.4

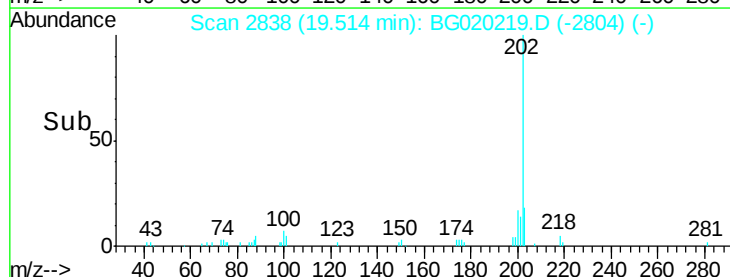
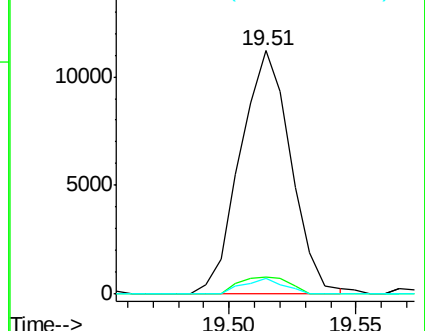
100 6.3 5.1 7.7

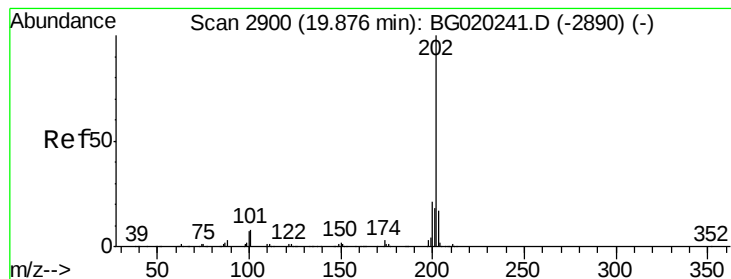


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 2.31 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. -0.00 min

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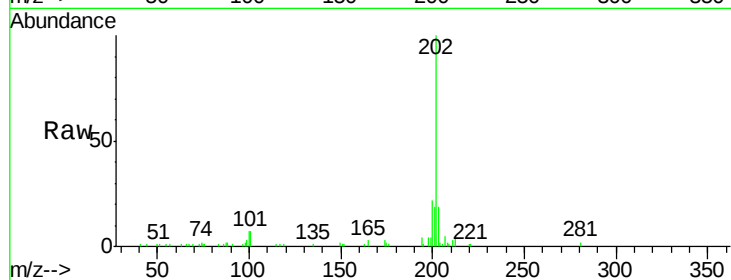
Tot Ion: 202 Resp: 23948

Ion Ratio Lower Upper

202 100

101 7.2 7.0 10.4

100 7.4 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

