

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020280.D
 Acq On : 18 Dec 2015 18:16
 Operator : UM/SJ
 Sample : G4768-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N27

Quant Time: Dec 29 01:58:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 00:45:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	14348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	64134	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	47399	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	121285	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	159852	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	148492	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	144	0.55	ng/uL	0.00
5) Phenol-d5	7.24	99	6282	4.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	17532	23.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	17911	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	13439	12.42	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12217	24.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	14296	25.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	24975	22.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	126	0.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	98776	25.76	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	109852	24.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	2786	4.05	ng/ul	0.00
58) Fluorene-d10	15.71	176	87397	25.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	12467	17.34	ng/ul	0.00
71) Anthracene-d10	17.56	188	143043	25.60	ng/ul	0.00
79) Pyrene-d10	19.85	212	171205	22.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	121201	16.36	ng/ul	0.00

Target Compounds

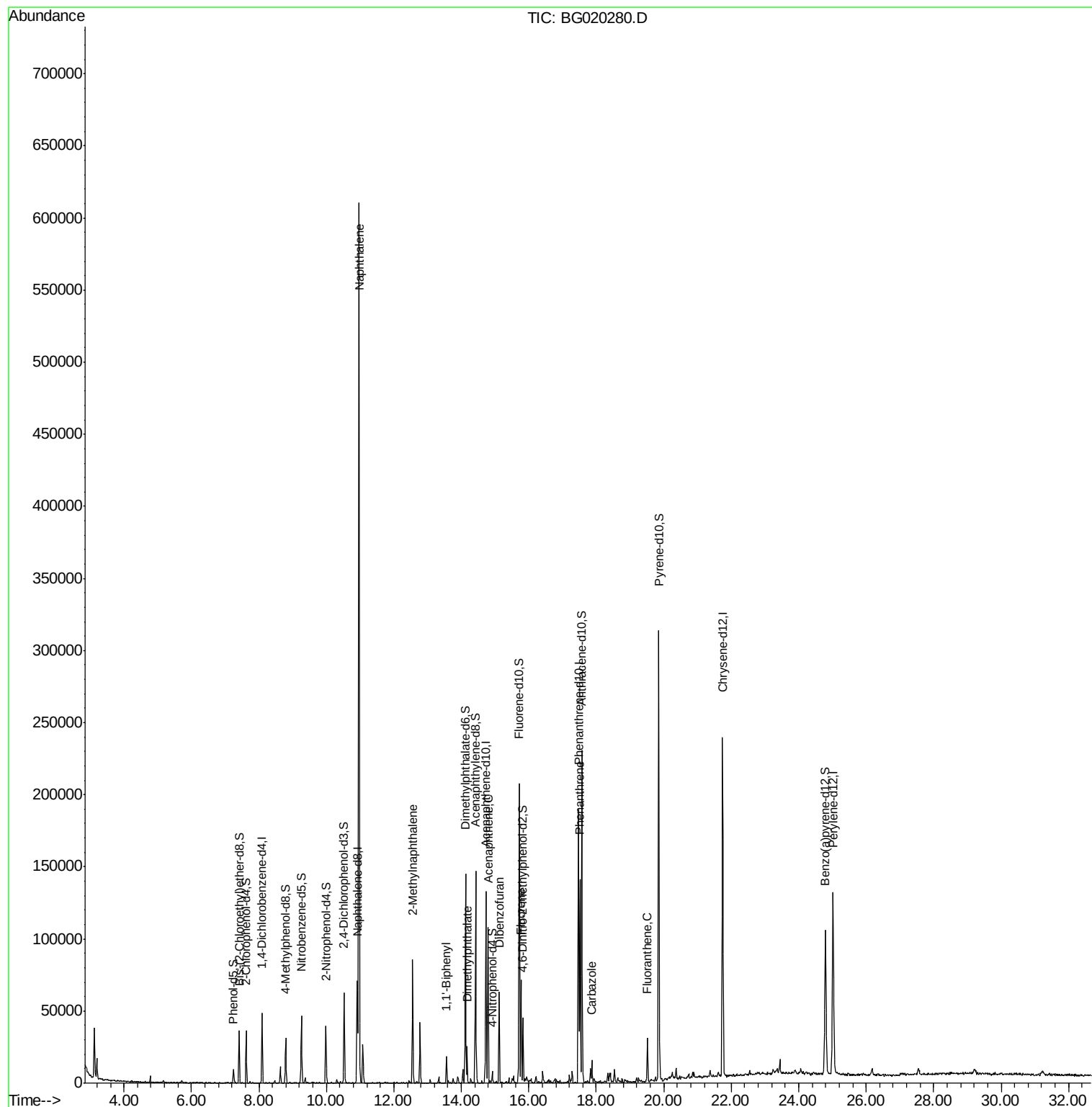
						Qvalue
28) Naphthalene	10.97	128	523944	156.44	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	40224	15.72	ng/ul	97
41) 1,1'-Biphenyl	13.56	154	11317	3.16	ng/ul	98
45) Dimethylphthalate	14.17	163	17064	4.36	ng/ul	98
50) Acenaphthene	14.79	153	47186	14.80	ng/ul	98
54) Dibenzofuran	15.12	168	42688	9.00	ng/ul	96
59) Fluorene	15.77	166	33230	8.72	ng/ul	99
70) Phenanthrene	17.51	178	88432	13.33	ng/ul	98
75) Carbazole	17.87	167	11071	1.96	ng/ul	98
77) Fluoranthene	19.51	202	21255	2.74	ng/ul#	96

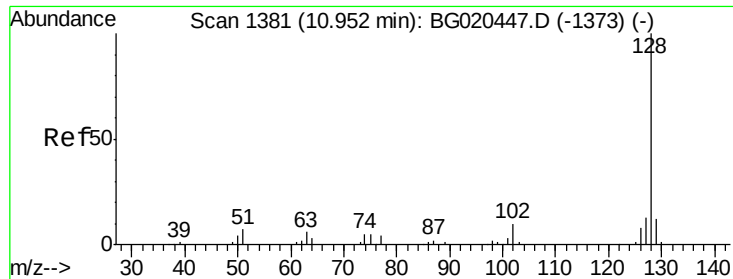
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 156.44 ng/ul

RT: 10.97 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BG020280.D

Acq: 18 Dec 2015 18:16

Instrument :

BNA_G

ClientSampleId :

D9N27

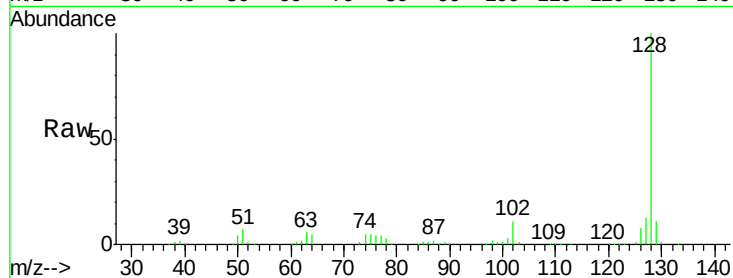
Tgt Ion:128 Resp: 523944

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

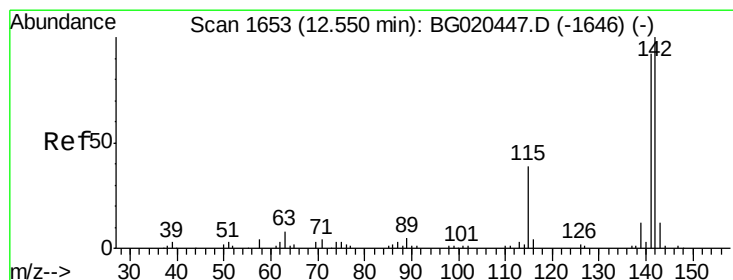
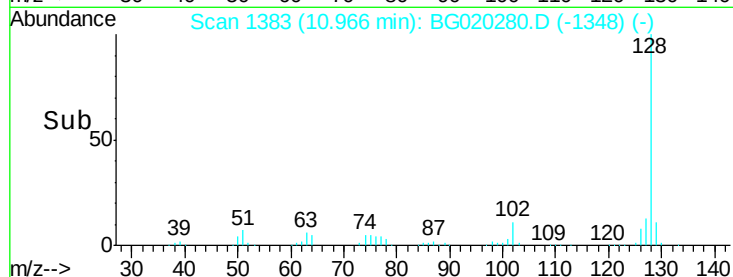
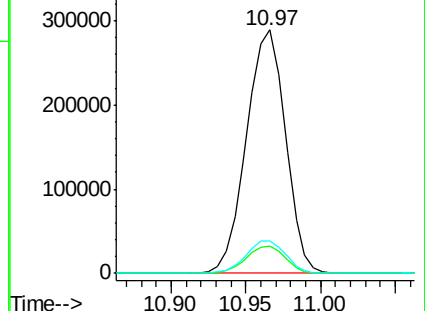
127 13.3 10.1 15.1



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: 15.72 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG020280.D

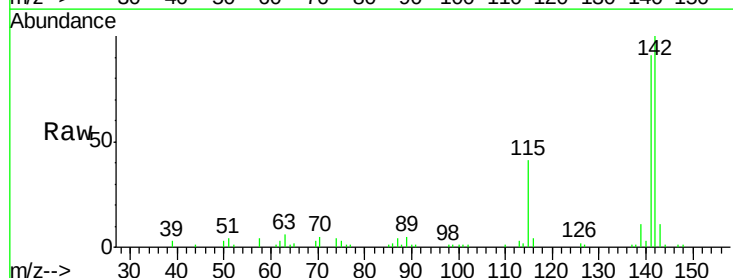
Acq: 18 Dec 2015 18:16

Tgt Ion:142 Resp: 40224

Ion Ratio Lower Upper

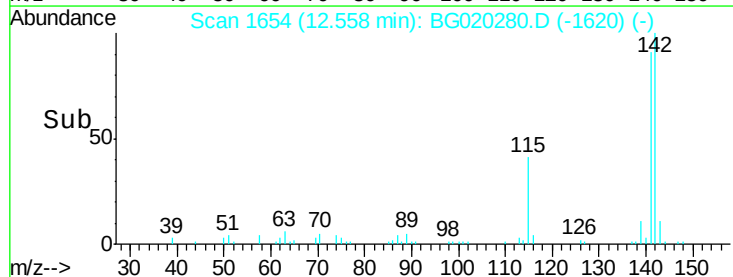
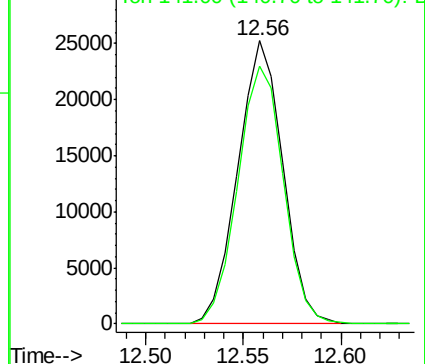
142 100

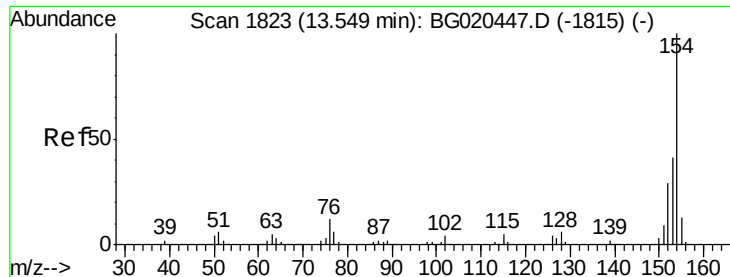
141 91.1 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

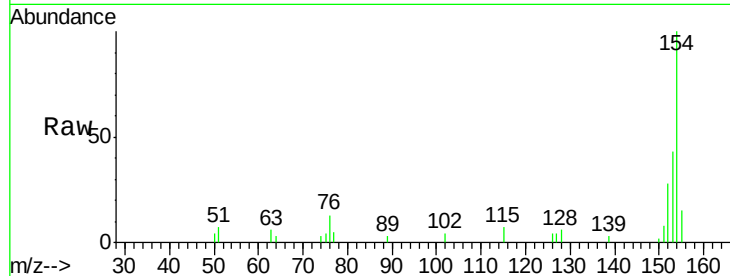




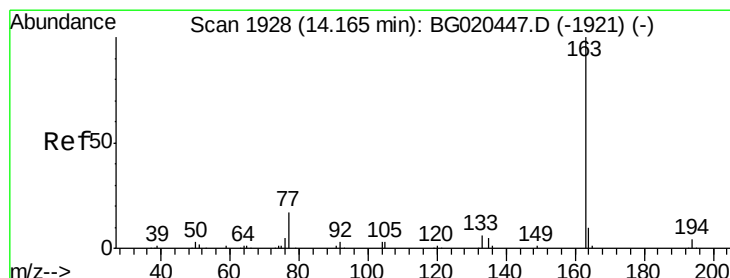
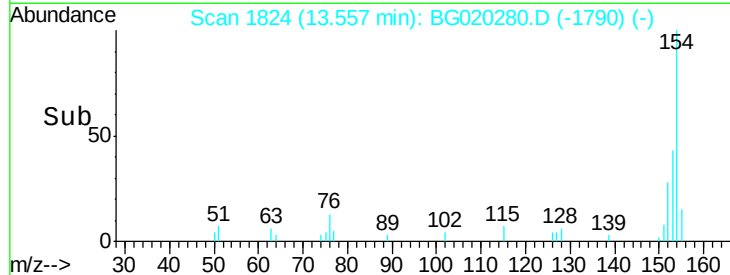
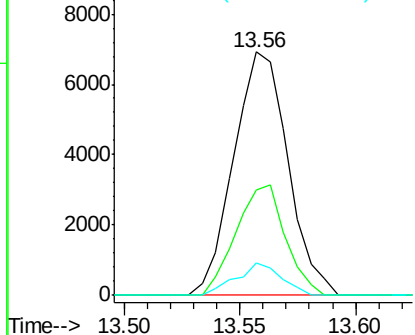
#41
 1,1'-Biphenyl
 Concen: 3.16 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG020280.D
 Acq: 18 Dec 2015 18:16

Instrument :
 BNA_G
 ClientSampleId :
 D9N27

Tgt Ion:154 Resp: 11317
 Ion Ratio Lower Upper
 154 100
 153 43.1 35.5 53.3
 76 13.2 10.4 15.6

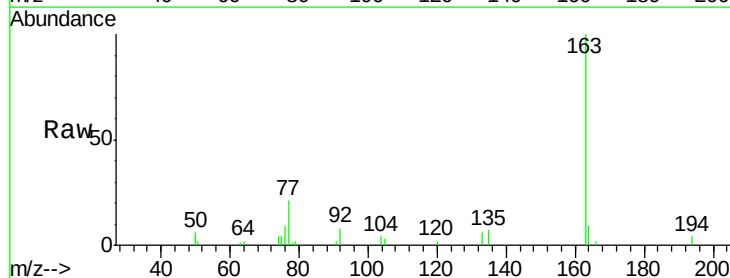


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

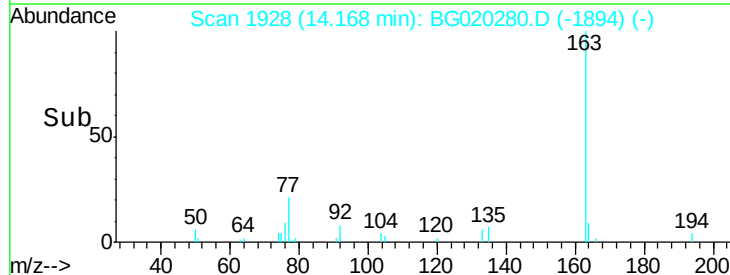
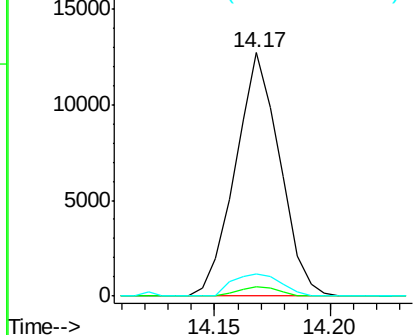


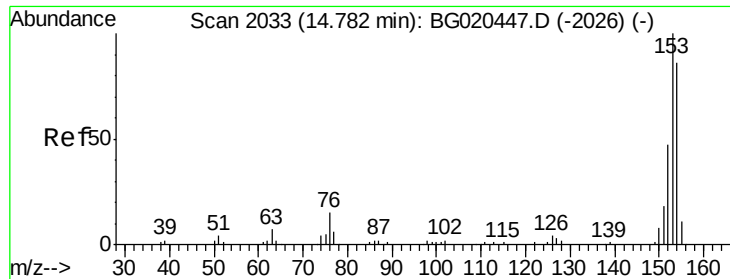
#45
 Dimethylphthalate
 Concen: 4.36 ng/ul
 RT: 14.17 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG020280.D
 Acq: 18 Dec 2015 18:16

Tgt Ion:163 Resp: 17064
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.5 5.3
 164 8.9 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: 14.80 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020280.D

Acq: 18 Dec 2015 18:16

Instrument :

BNA_G

ClientSampleId :

D9N27

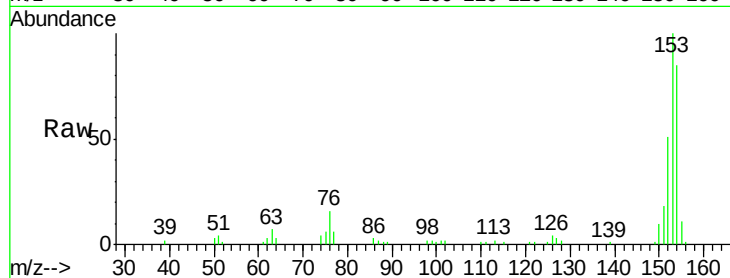
Tgt Ion:153 Resp: 47186

Ion Ratio Lower Upper

153 100

152 50.8 37.6 56.4

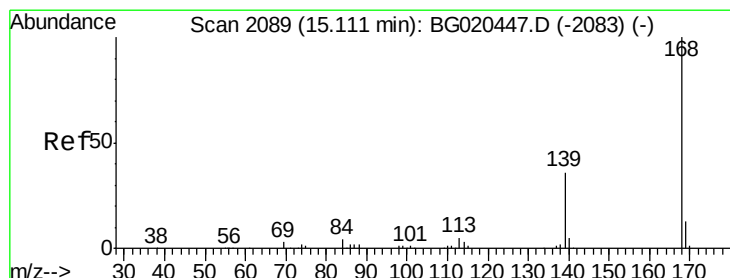
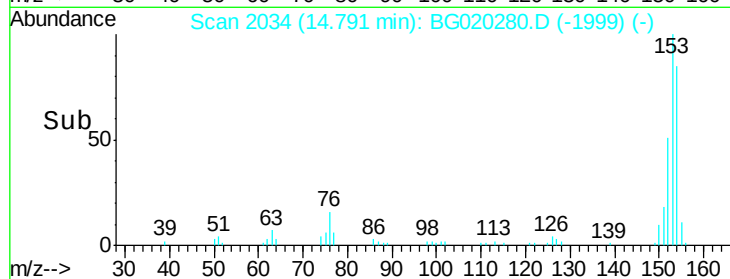
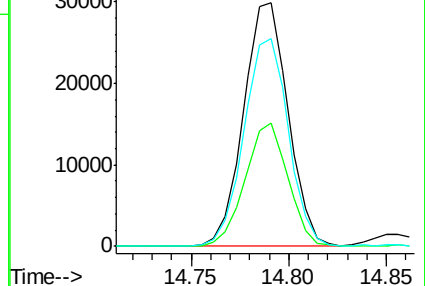
154 85.4 67.9 101.9



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: 9.00 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020280.D

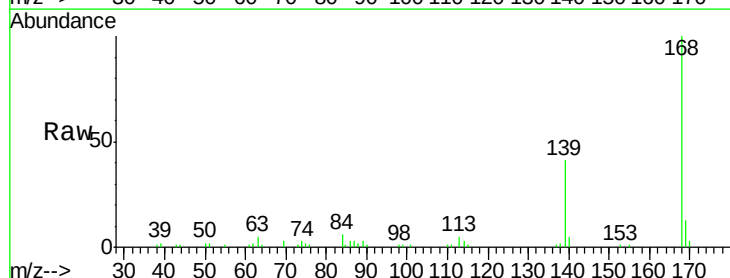
Acq: 18 Dec 2015 18:16

Tgt Ion:168 Resp: 42688

Ion Ratio Lower Upper

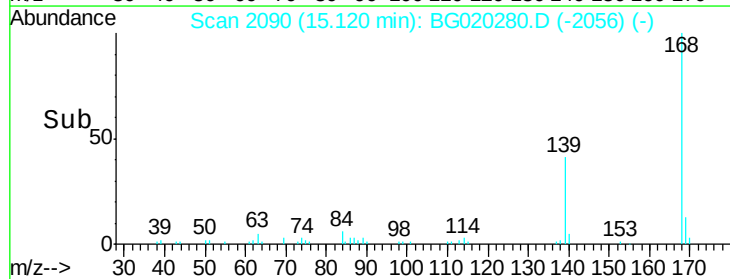
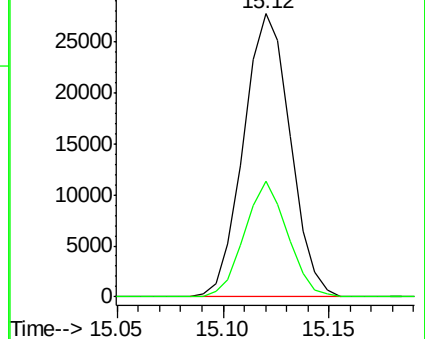
168 100

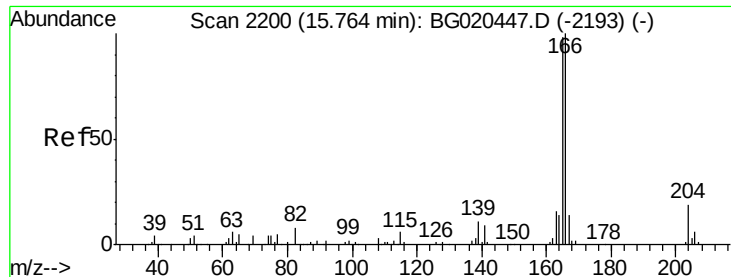
139 40.8 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

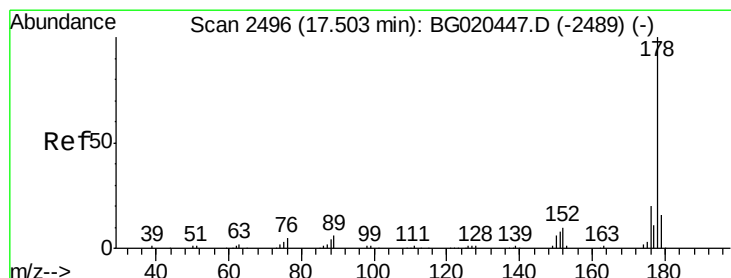
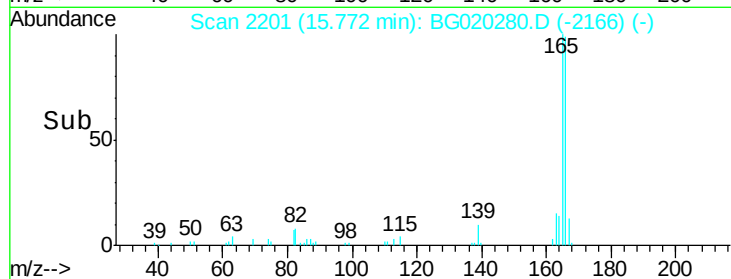
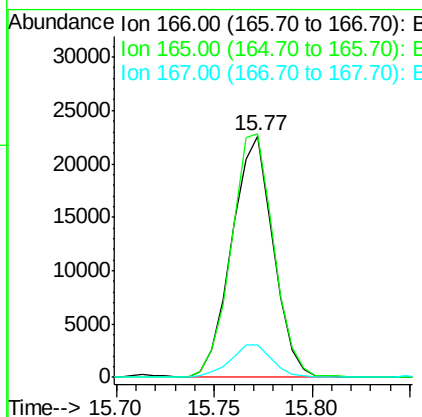
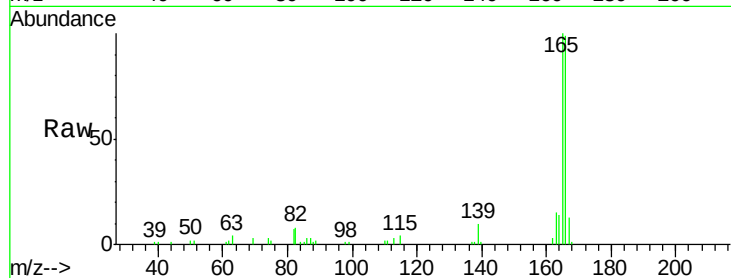




#59
 Fluorene
 Concen: 8.72 ng/ul
 RT: 15.77 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG020280.D
 Acq: 18 Dec 2015 18:16

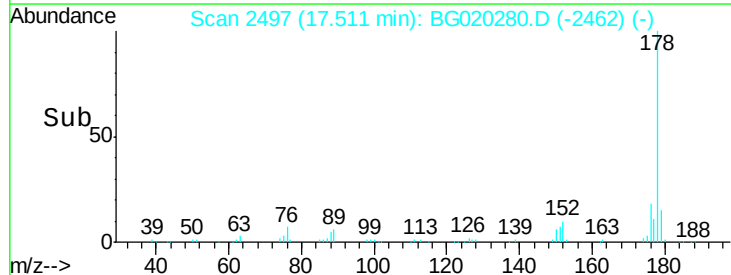
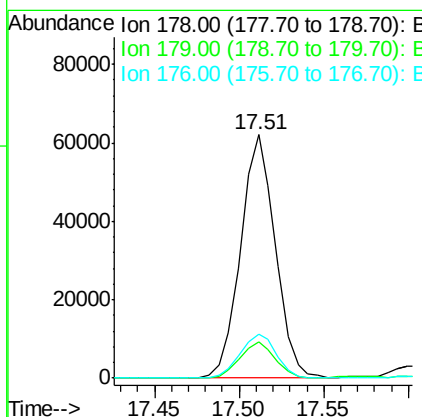
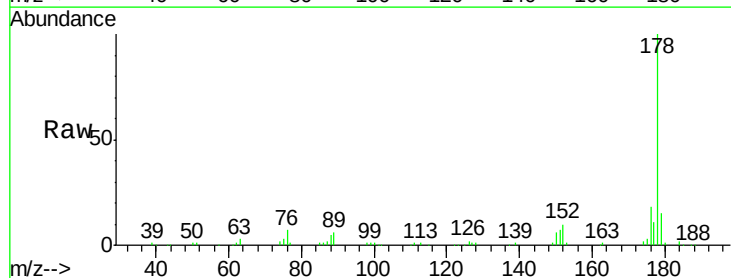
Instrument :
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 D9N27

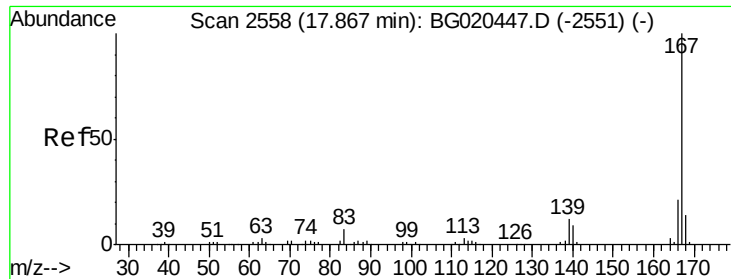
Tgt Ion:166 Resp: 33230
 Ion Ratio Lower Upper
 166 100
 165 101.0 81.4 122.0
 167 13.4 11.2 16.8



#70
 Phenanthrene
 Concen: 13.33 ng/ul
 RT: 17.51 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BG020280.D
 Acq: 18 Dec 2015 18:16

Tgt Ion:178 Resp: 88432
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.9 19.3
 176 18.2 15.3 22.9





#75

Carbazole

Concen: 1.96 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020280.D

Acq: 18 Dec 2015 18:16

Instrument :

BNA_G

ClientSampled :

D9N27

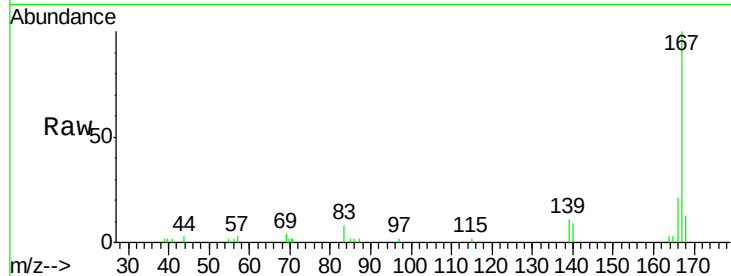
Tgt Ion:167 Resp: 11071

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

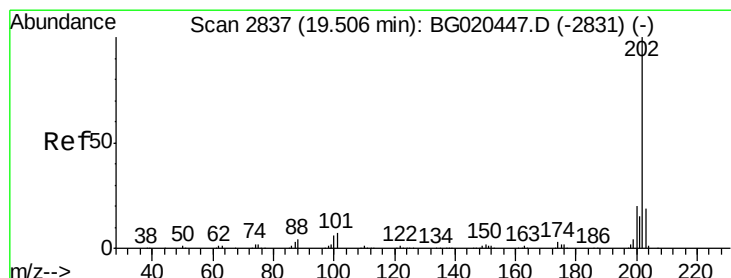
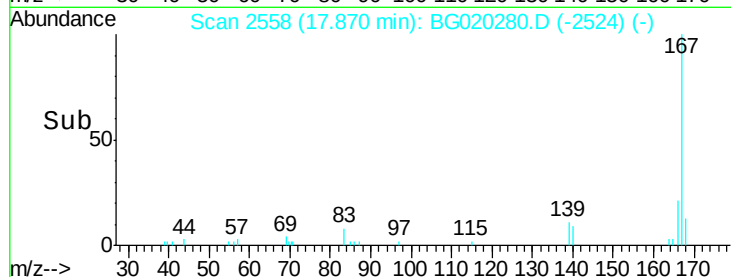
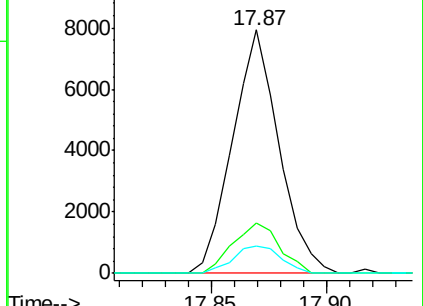
139 11.1 10.1 15.1



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: 2.74 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020280.D

Acq: 18 Dec 2015 18:16

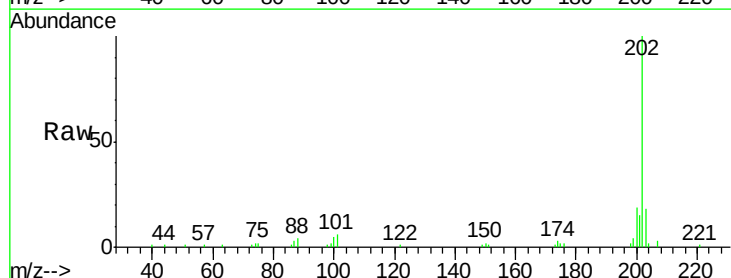
Tgt Ion:202 Resp: 21255

Ion Ratio Lower Upper

202 100

101 6.4 6.2 9.4

100 4.9 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): E

