

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048184.D
 Acq On : 17 Feb 2021 10:27
 Operator : CG/JU
 Sample : M1407-09DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGL1DL

Quant Time: Feb 17 11:13:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 06:21:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	198080	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	143268	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	347804	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	384896	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	384643	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.24	99	5769	1.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	16735	6.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	15386	5.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	10914	3.28	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	9044	6.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	11260	6.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	18942	5.40	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	78737	7.42	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	93268	7.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	2579	1.43	ng/ul	0.00
58) Fluorene-d10	15.71	176	72898	7.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	12910	6.05	ng/ul	0.00
71) Anthracene-d10	17.56	188	115512	7.75	ng/ul	0.00
79) Pyrene-d10	19.84	212	143152	7.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	142939	7.28	ng/ul	0.00

Target Compounds

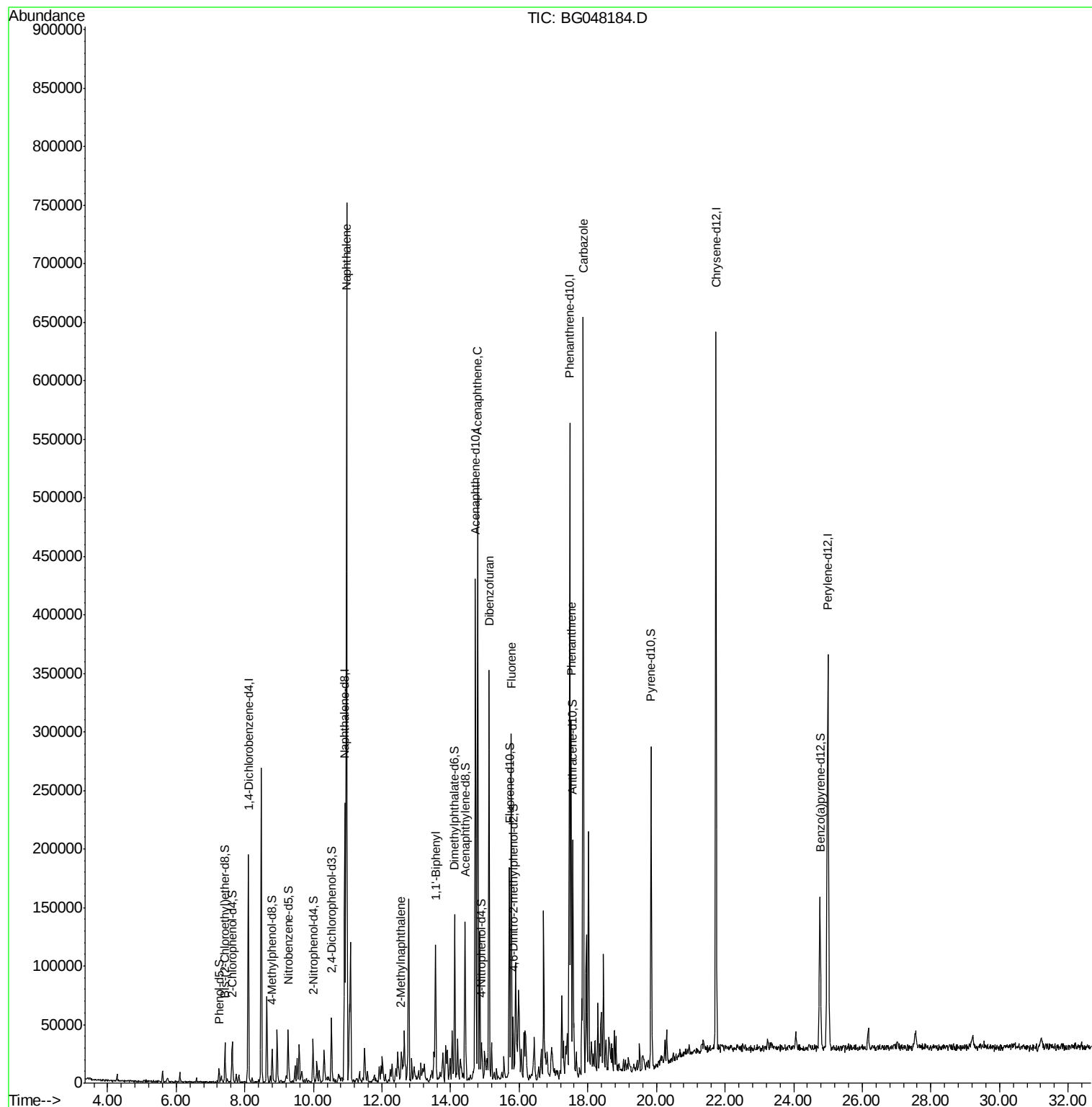
					Ovalue	
28) Naphthalene	10.96	128	587680	58.821	ng/ul	100
34) 2-Methylnaphthalene	12.56	142	8771	1.155	ng/ul	91
41) 1,1'-Biphenyl	13.56	154	53790	5.473	ng/ul	92
50) Acenaphthene	14.79	153	207225	23.798	ng/ul	99
54) Dibenzofuran	15.12	168	197724	15.558	ng/ul	100
59) Fluorene	15.77	166	132072	12.855	ng/ul	95
70) Phenanthrene	17.51	178	169669	9.709	ng/ul	99
75) Carbazole	17.87	167	411326	27.902	ng/ul	98

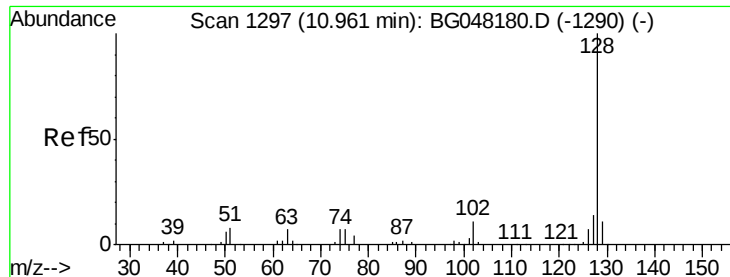
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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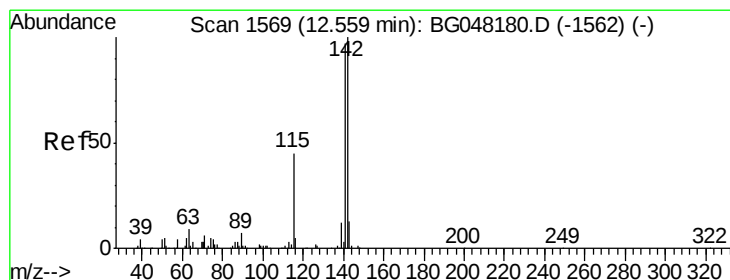
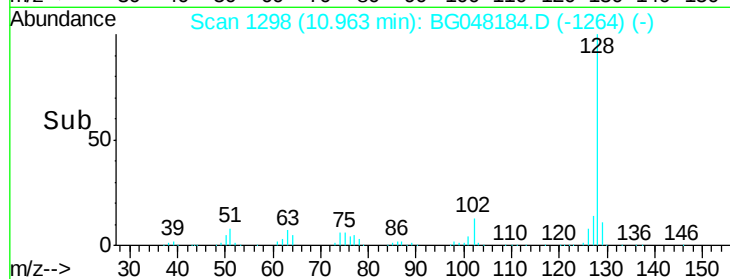
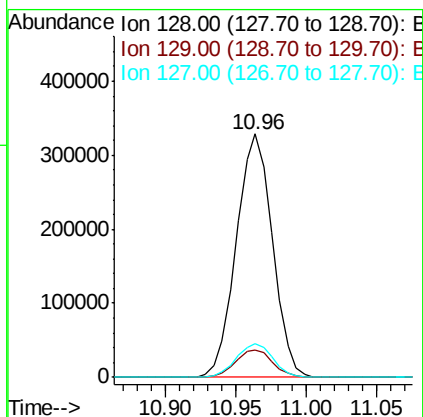
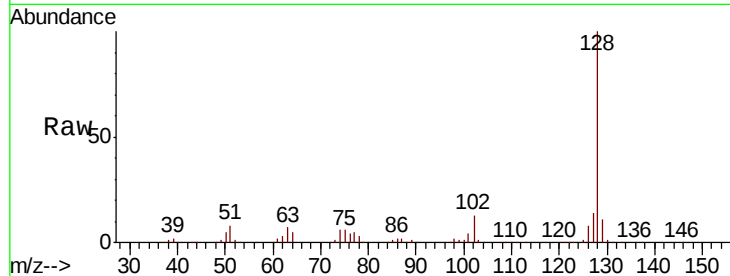




#28
Naphthalene
Concen: 58.821 ng/ul
RT: 10.96 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG048184.D
Acq: 17 Feb 2021 10:27

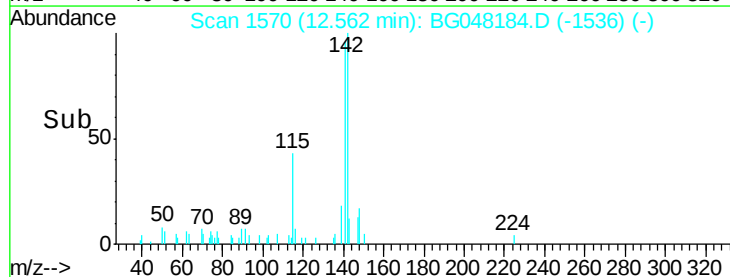
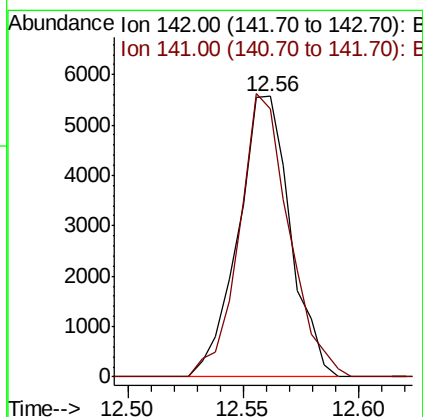
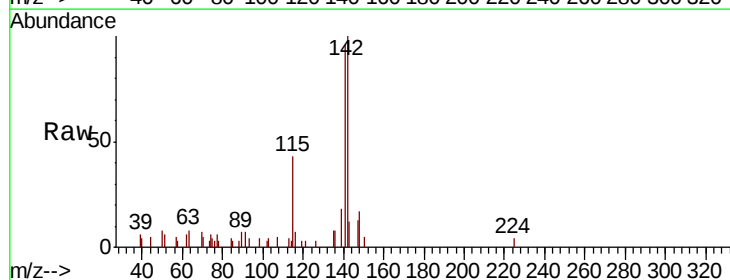
Instrument :
BNA_G
ClientSampleId :
DBGL1DL

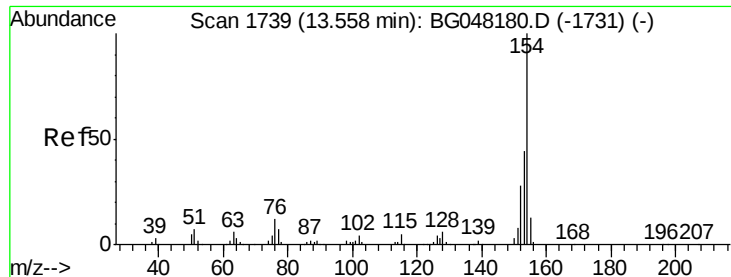
Tot Ion:128 Resp: 587680
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.9 11.2 16.8



#34
2-Methylnaphthalene
Concen: 1.155 ng/ul
RT: 12.56 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG048184.D
Acq: 17 Feb 2021 10:27

Tgt Ion:142 Resp: 8771
Ion Ratio Lower Upper
142 100
141 95.5 69.6 104.4

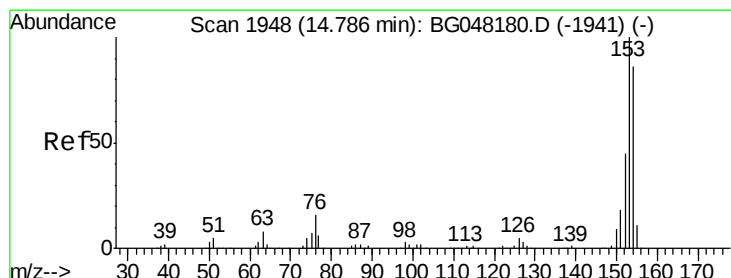
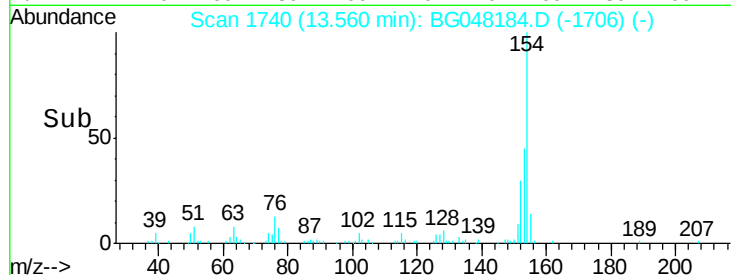
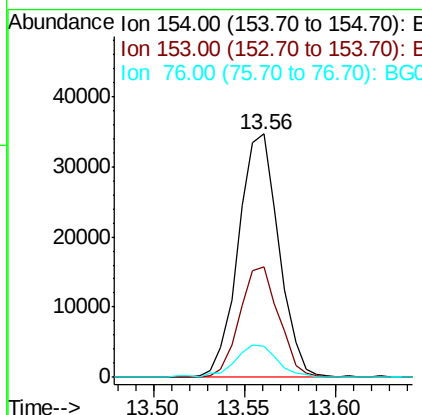
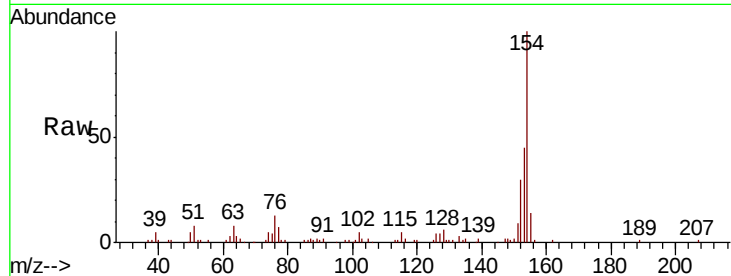




#41
 1,1'-Biphenyl
 Concen: 5.473 ng/ul
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG048184.D
 Acq: 17 Feb 2021 10:27

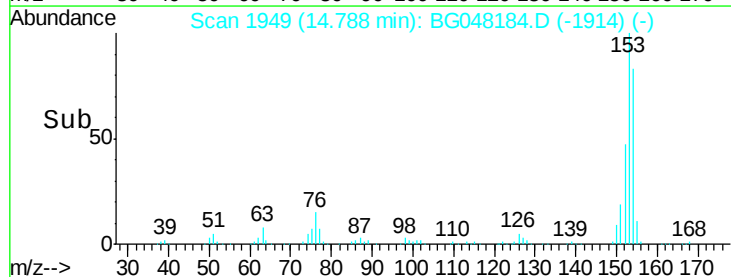
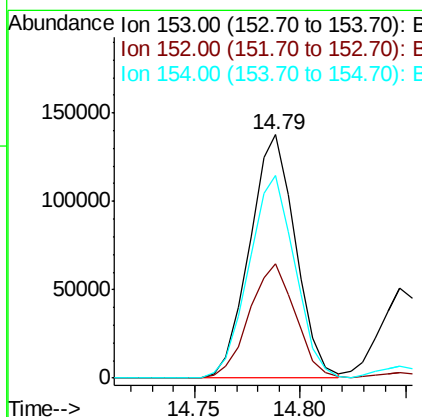
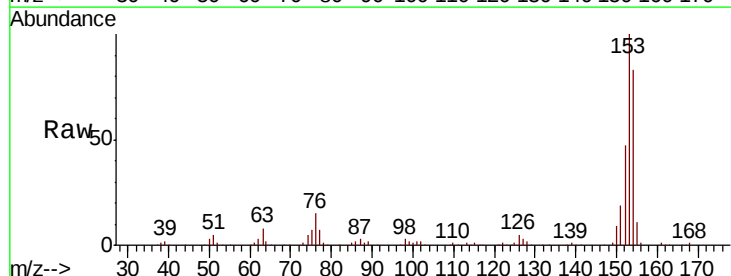
Instrument :
 BNA_G
 ClientSampleId :
 DBGL1DL

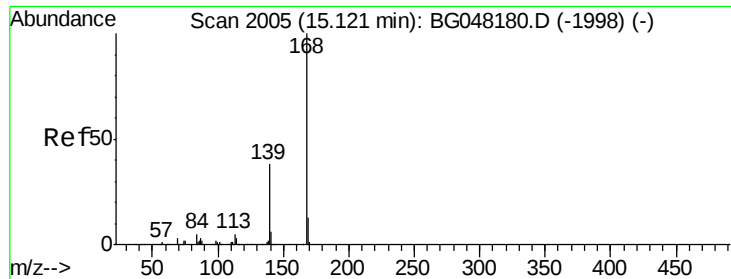
Tot Ion	Ratio	Lower	Upper
154	100		
153	45.2	31.4	47.0
76	12.9	9.6	14.4



#50
 Acenaphthene
 Concen: 23.798 ng/ul
 RT: 14.79 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BG048184.D
 Acq: 17 Feb 2021 10:27

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	35.7	53.5
154	83.3	66.3	99.5





#54

Dibenzenofuran

Concen: 15.558 ng/ul

RT: 15.12 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG048184.D

Acq: 17 Feb 2021 10:27

Instrument :

BNA_G

ClientSampleId :

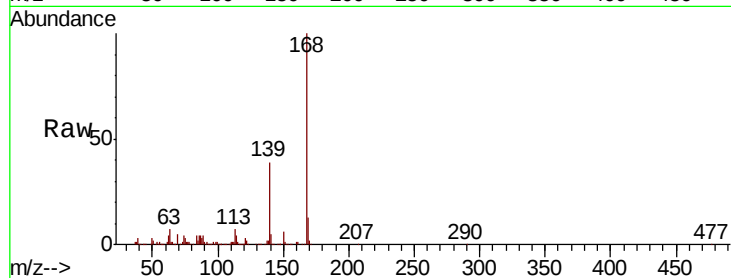
DBGL1DL

Tot Ion:168 Resp: 197724

Ion Ratio Lower Upper

168 100

139 38.6 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.12

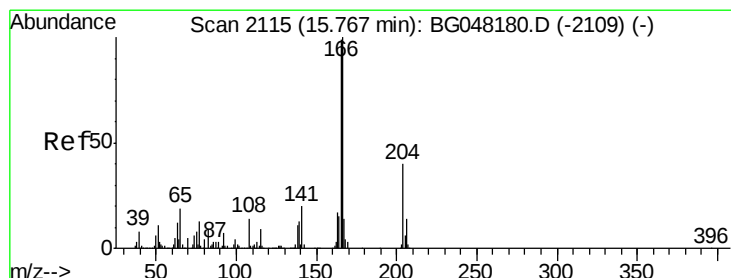
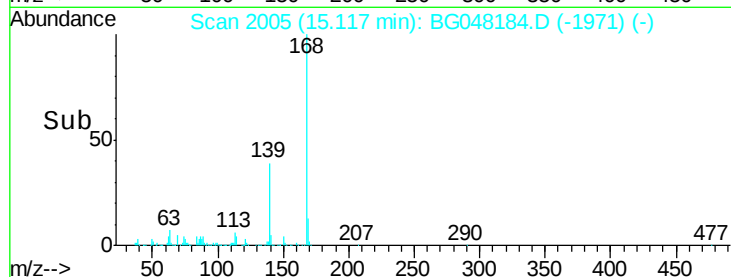
150000

100000

50000

0

Time-->



#59

Fluorene

Concen: 12.855 ng/ul

RT: 15.77 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG048184.D

Acq: 17 Feb 2021 10:27

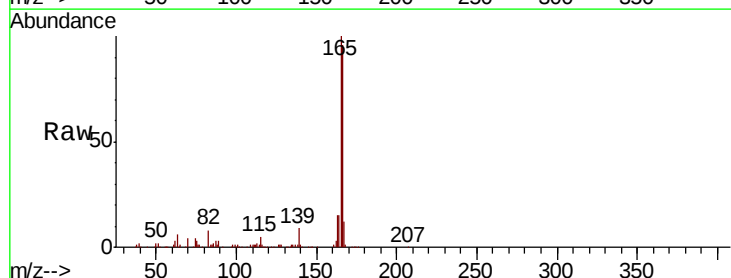
Tgt Ion:166 Resp: 132072

Ion Ratio Lower Upper

166 100

165 104.2 79.4 119.0

167 12.8 10.6 16.0



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

120000

100000

80000

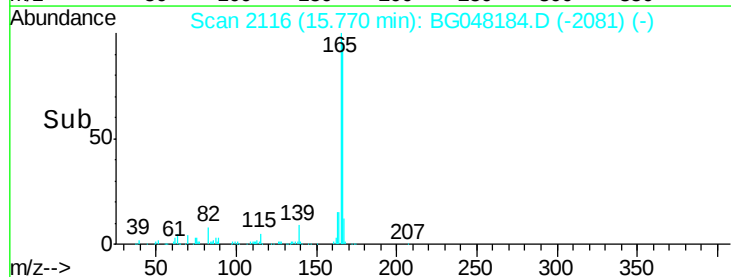
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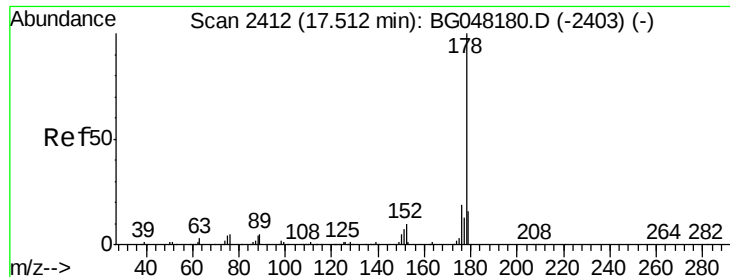
40000

20000

0

Time-->





#70

Phenanthrene

Concen: 9.709 ng/ul

RT: 17.51 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG048184.D

Acq: 17 Feb 2021 10:27

Instrument :

BNA_G

ClientSampleId :

DBGL1DL

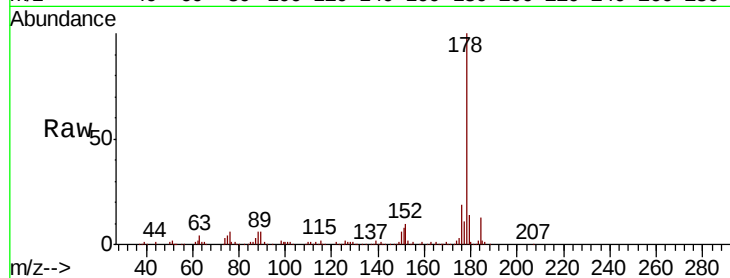
Tot Ion:178 Resp: 169669

Ion Ratio Lower Upper

178 100

179 14.1 12.0 18.0

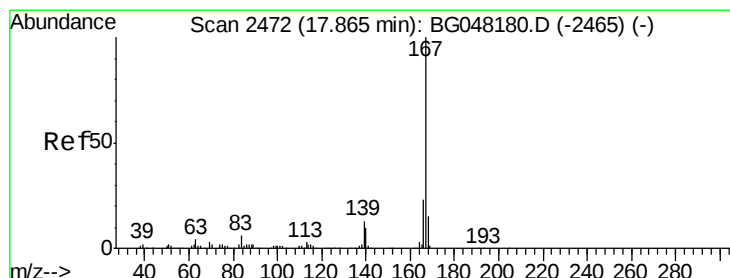
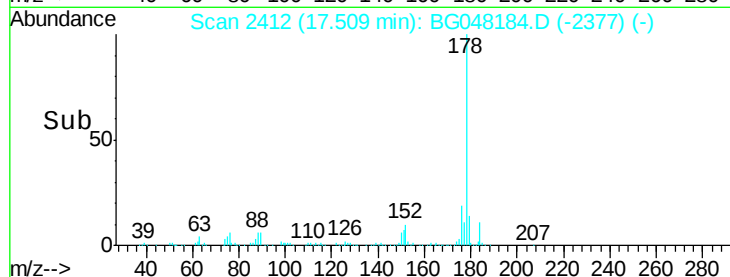
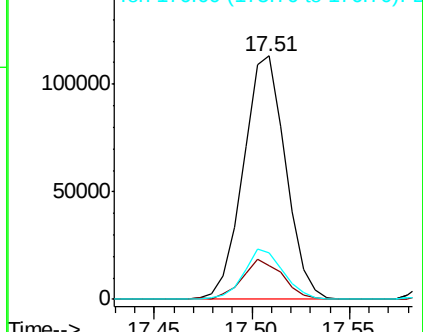
176 18.9 14.9 22.3



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: 27.902 ng/ul

RT: 17.87 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG048184.D

Acq: 17 Feb 2021 10:27

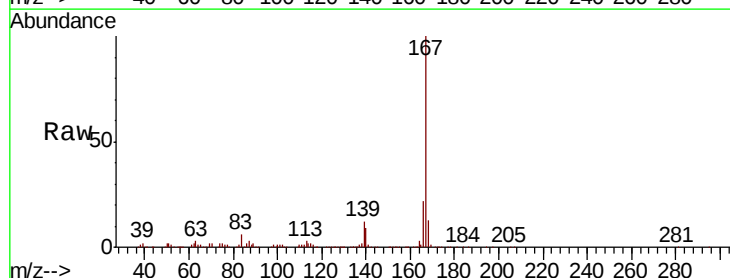
Tgt Ion:167 Resp: 411326

Ion Ratio Lower Upper

167 100

166 21.8 16.2 24.2

139 12.1 9.6 14.4



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

