

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048185.D
 Acq On : 17 Feb 2021 11:08
 Operator : CG/JU
 Sample : M1407-14DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGL8DL

Quant Time: Feb 17 12:21:28 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	54675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	217941	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	166107	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	401516	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	435608	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	435892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	2715	0.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	8302	3.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	7658	2.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	4985	1.38	ng/ul	0.01
19) Nitrobenzene-d5	9.26	128	4500	2.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	5453	2.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	8880	2.30	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	42661	3.47	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	46309	3.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.71	176	36207	3.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	7489	3.04	ng/ul	0.00
71) Anthracene-d10	17.56	188	65246	3.79	ng/ul	0.00
79) Pyrene-d10	19.84	212	78780	3.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	74581	3.35	ng/ul	0.00

Target Compounds

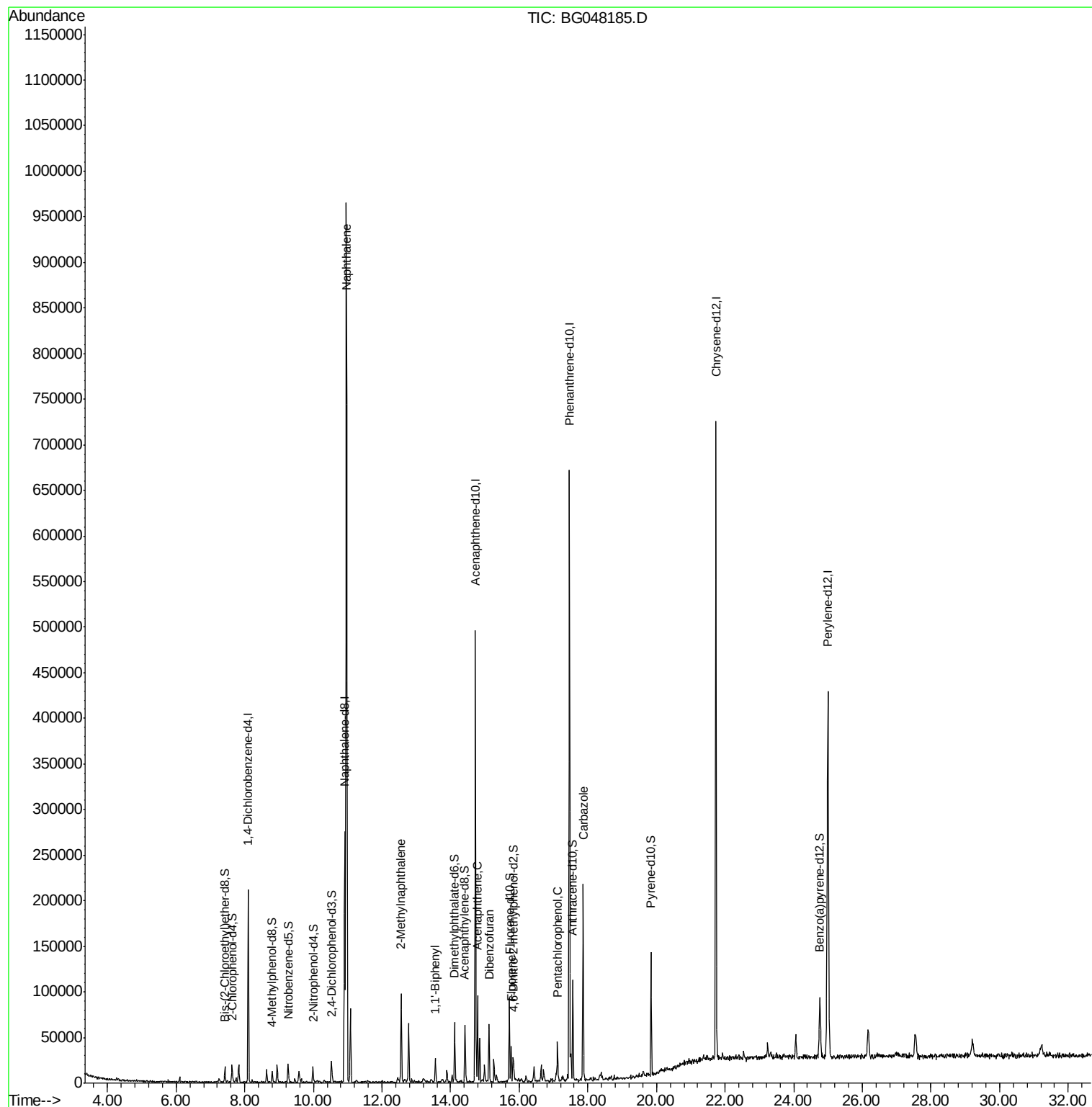
					Ovalue	
28) Naphthalene	10.97	128	780332	70.986	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	41939	5.019	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	13121	1.152	ng/ul	95
50) Acenaphthene	14.79	153	37484	3.713	ng/ul	90
54) Dibenzofuran	15.12	168	39621	2.689	ng/ul	98
59) Fluorene	15.77	166	16845	1.414	ng/ul#	95
69) Pentachlorophenol	17.11	266	7240	2.577	ng/ul#	65
75) Carbazole	17.86	167	147947	8.693	ng/ul	96

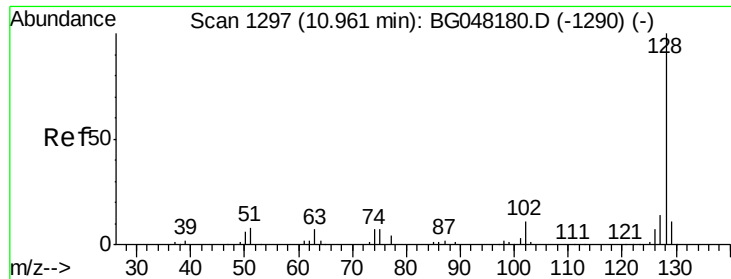
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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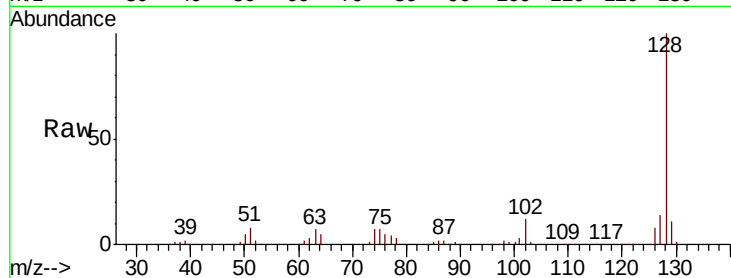




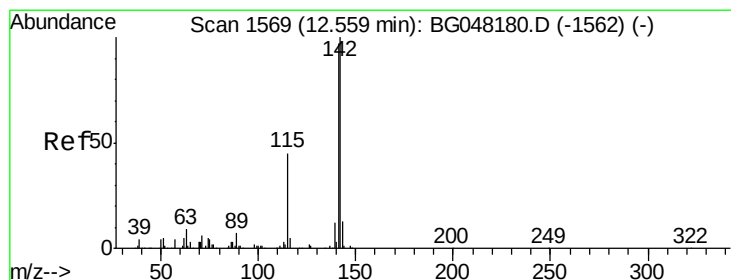
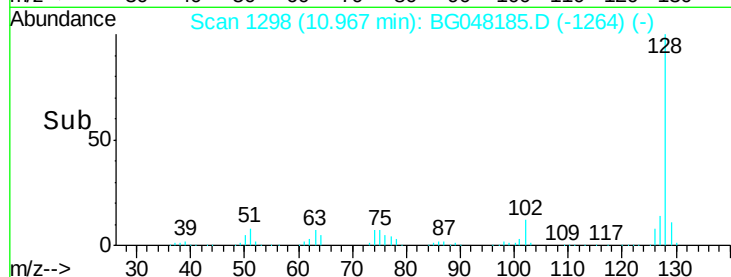
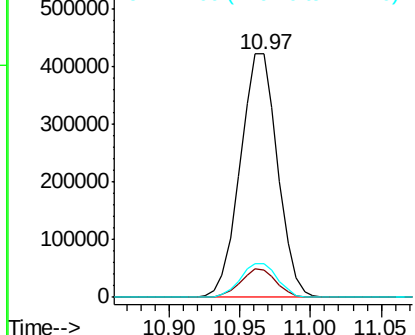
#28
Naphthalene
Concen: 70.986 ng/ul
RT: 10.97 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG048185.D
Acq: 17 Feb 2021 11:08

Instrument :
BNA_G
ClientSampleId :
DBGL8DL

Tot Ion:128 Resp: 780332
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 14.1 11.2 16.8

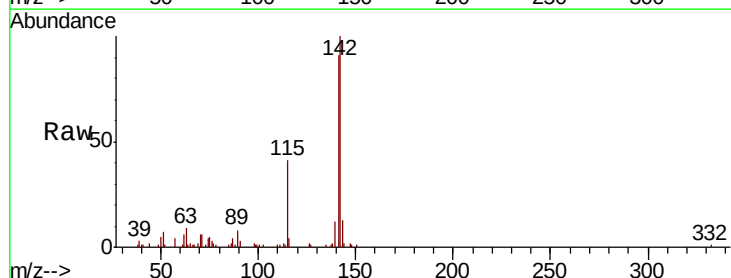


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

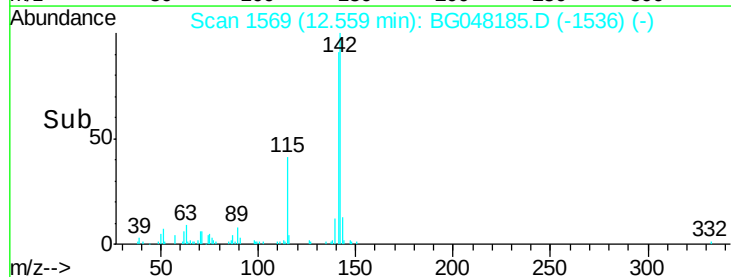
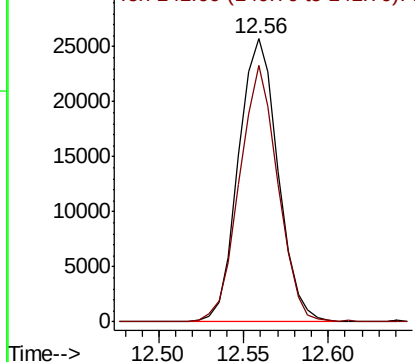


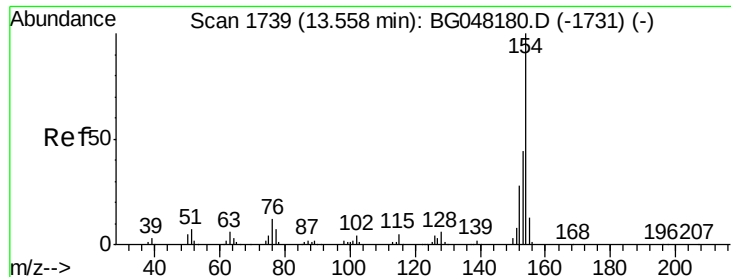
#34
2-Methylnaphthalene
Concen: 5.019 ng/ul
RT: 12.56 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG048185.D
Acq: 17 Feb 2021 11:08

Tgt Ion:142 Resp: 41939
Ion Ratio Lower Upper
142 100
141 90.8 69.6 104.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

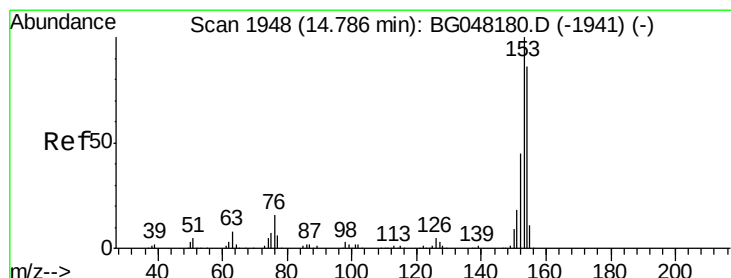
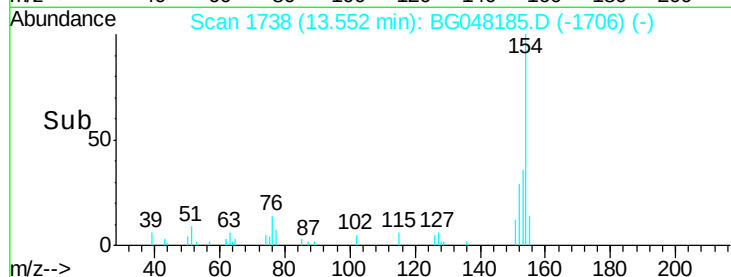
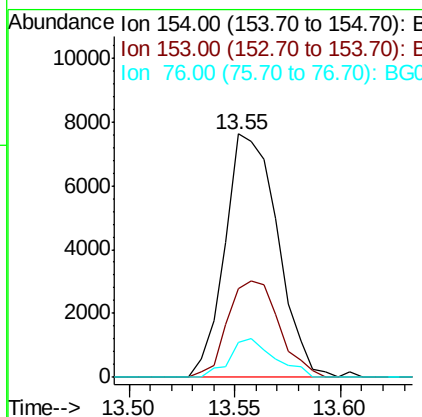
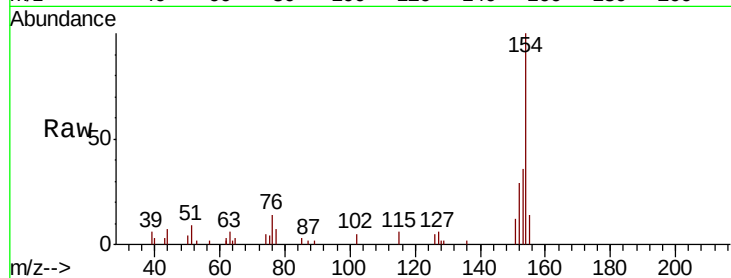




#41
 1,1'-Biphenyl
 Concen: 1.152 ng/ul
 RT: 13.55 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG048185.D
 Acq: 17 Feb 2021 11:08

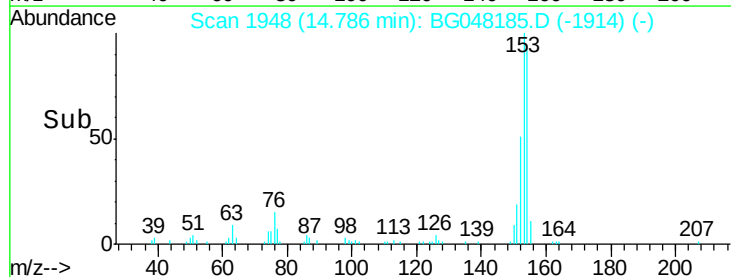
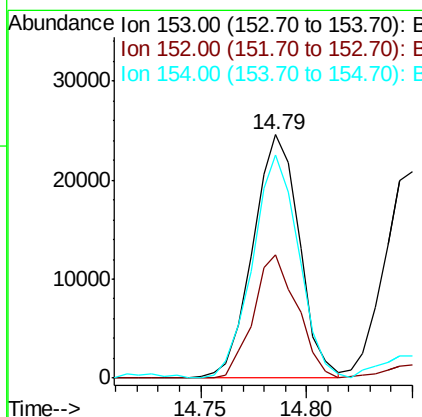
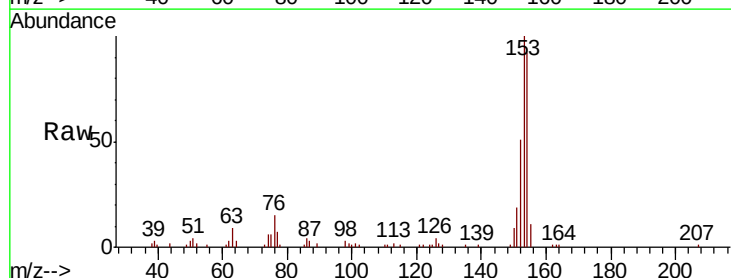
Instrument :
 BNA_G
 ClientSampleId :
 DBGL8DL

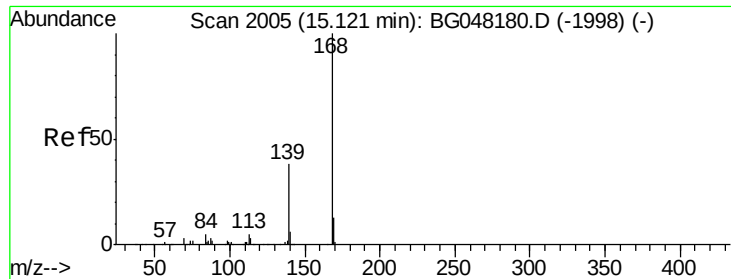
Tot Ion:154 Resp: 13121
 Ion Ratio Lower Upper
 154 100
 153 36.3 31.4 47.0
 76 14.3 9.6 14.4



#50
 Acenaphthene
 Concen: 3.713 ng/ul
 RT: 14.79 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BG048185.D
 Acq: 17 Feb 2021 11:08

Tgt Ion:153 Resp: 37484
 Ion Ratio Lower Upper
 153 100
 152 50.8 35.7 53.5
 154 91.7 66.3 99.5





#54

Dibenzenofuran

Concen: 2.689 ng/ul

RT: 15.12 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG048185.D

Acq: 17 Feb 2021 11:08

Instrument :

BNA_G

ClientSampleId :

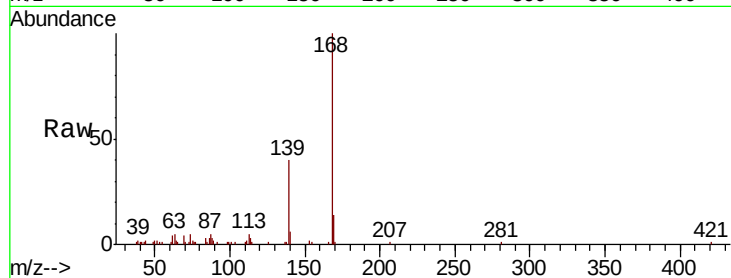
DBGL8DL

Tot Ion:168 Resp: 39621

Ion Ratio Lower Upper

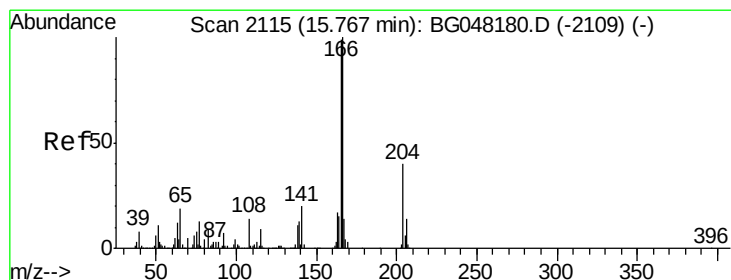
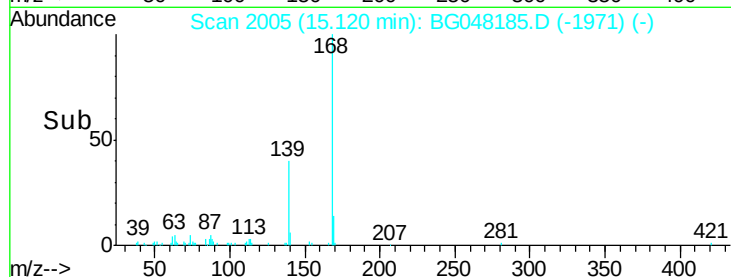
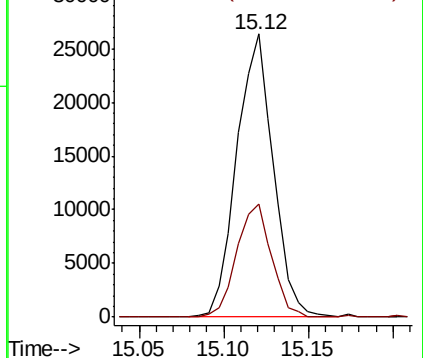
168 100

139 40.1 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 1.414 ng/ul

RT: 15.77 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG048185.D

Acq: 17 Feb 2021 11:08

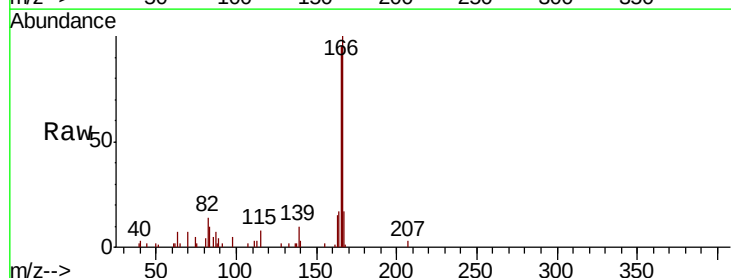
Tgt Ion:166 Resp: 16845

Ion Ratio Lower Upper

166 100

165 95.2 79.4 119.0

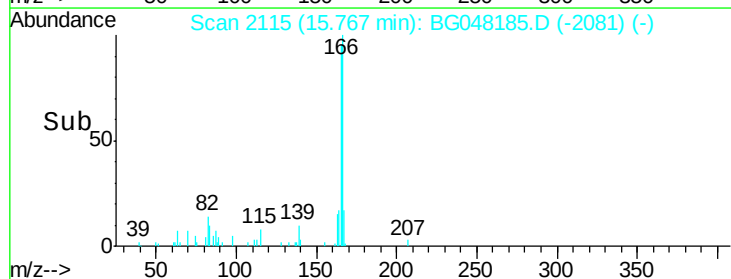
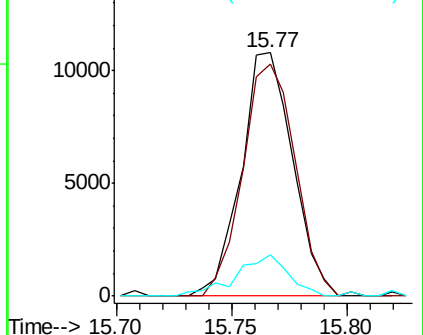
167 17.2 10.6 16.0#

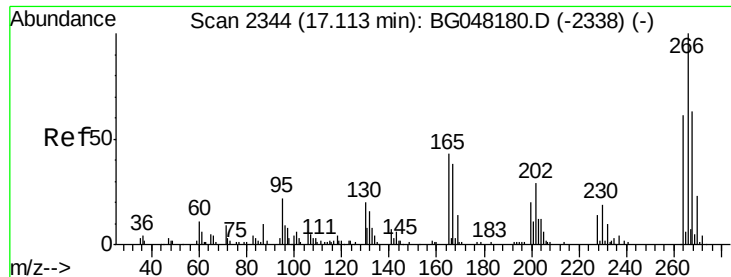


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

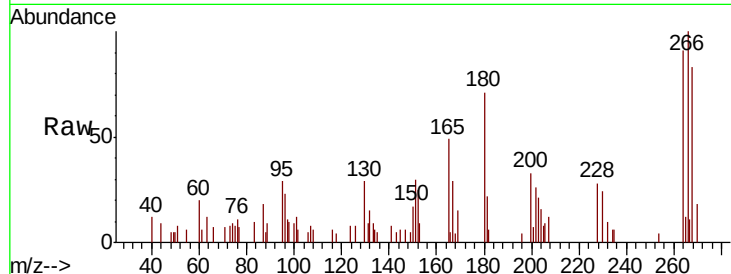




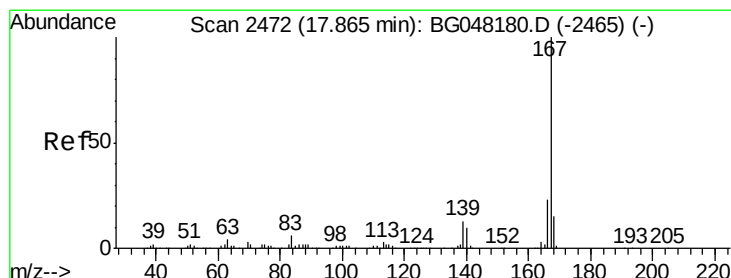
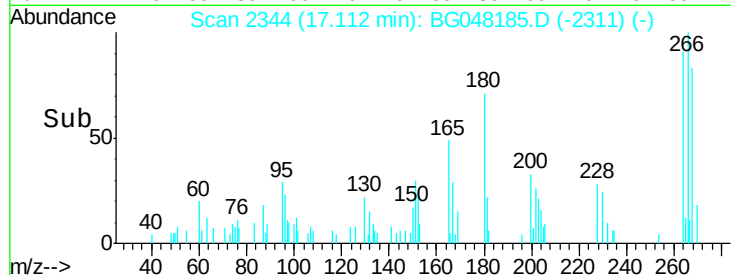
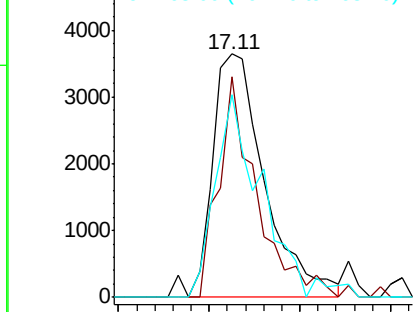
#69
 Pentachlorophenol
 Concen: 2.577 ng/ul
 RT: 17.11 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG048185.D
 Acq: 17 Feb 2021 11:08

Instrument :
 BNA_G
 ClientSampleId :
 DBGL8DL

Tot Ion:266 Resp: 7240
 Ion Ratio Lower Upper
 266 100
 264 90.8 55.0 82.4#
 268 83.1 41.0 61.4#

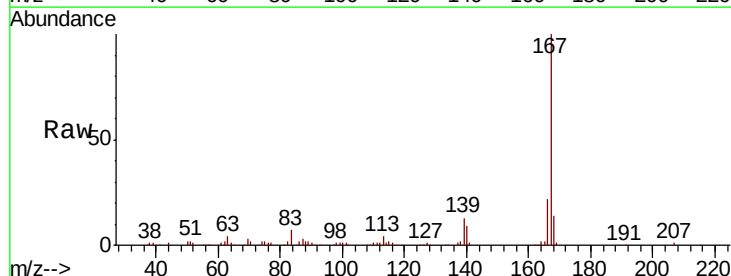


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#75
 Carbazole
 Concen: 8.693 ng/ul
 RT: 17.86 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG048185.D
 Acq: 17 Feb 2021 11:08

Tgt Ion:167 Resp: 147947
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.2 24.2
 139 13.2 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

