

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048173.D
 Acq On : 16 Feb 2021 21:40
 Operator : CG/JU
 Sample : M1407-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8

Quant Time: Feb 16 23:36:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 23:25:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55047	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	213068	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	160009	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	404462	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	447419	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	459423	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	6965	5.27	ng/uL	0.00
5) Phenol-d5	7.25	99	31461	6.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	80255	29.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	75609	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	56763	15.60	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	48885	30.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	57852	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	102598	27.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	11557	3.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	396440	33.45	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	452770	31.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	16586	8.24	ng/ul	0.02
58) Fluorene-d10	15.71	176	348946	33.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	86095	34.72	ng/ul	0.00
71) Anthracene-d10	17.57	188	604993	34.89	ng/ul	0.00
79) Pyrene-d10	19.85	212	731436	32.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	792578	33.82	ng/ul	0.01

Target Compounds

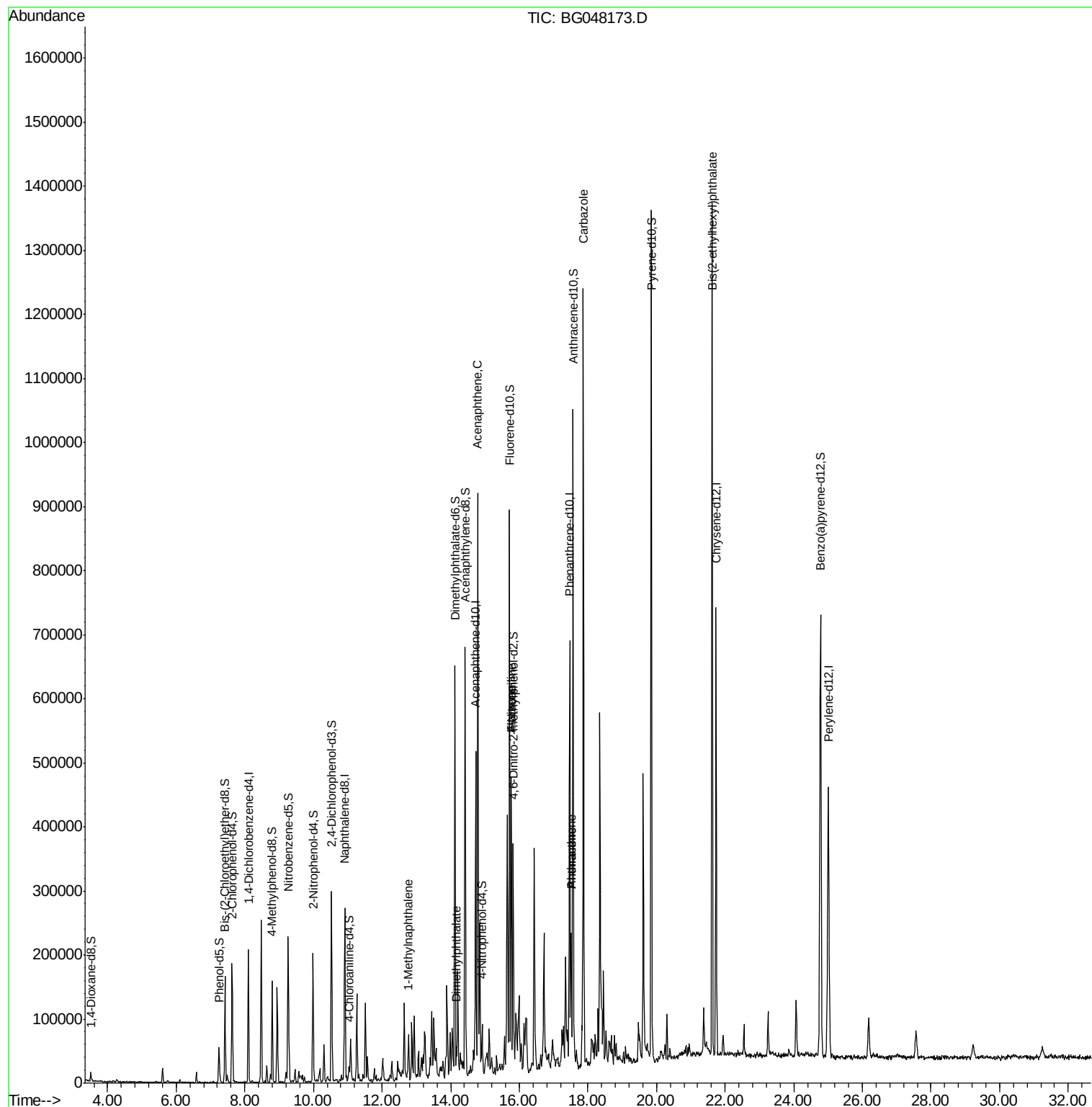
					Ovalue	
35) 1-Methylnaphthalene	12.77	142	18018	2.280	ng/uL#	95
45) Dimethylphthalate	14.17	163	19331	1.578	ng/ul#	97
50) Acenaphthene	14.79	153	359809	36.998	ng/ul	95
59) Fluorene	15.77	166	189701	16.532	ng/ul	98
61) 4-Nitroaniline	15.76	138	2945	1.205	ng/ul#	22
70) Phenanthrene	17.51	178	88570	4.358	ng/ul	97
72) Anthracene	17.51	178	88570	4.321	ng/ul	98
75) Carbazole	17.87	167	773777	45.136	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.62	149	538120	38.100	ng/ul	96

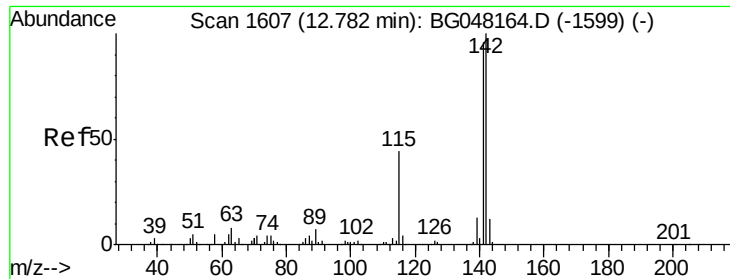
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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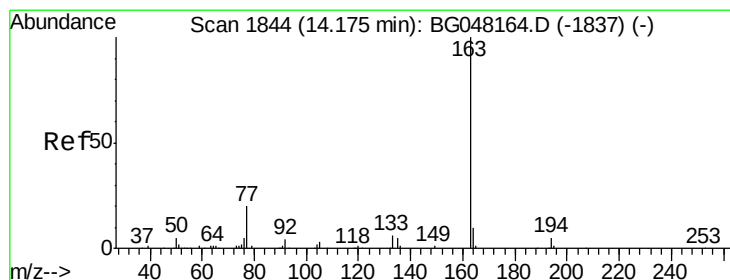
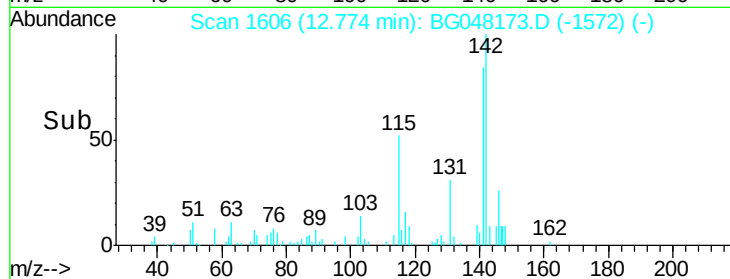
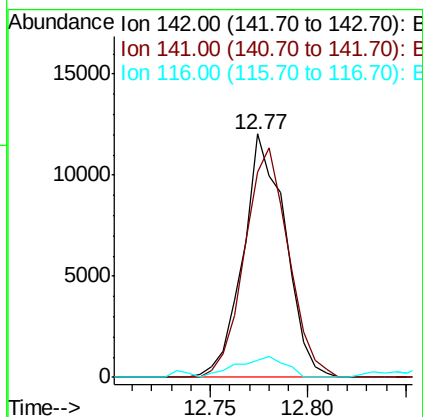
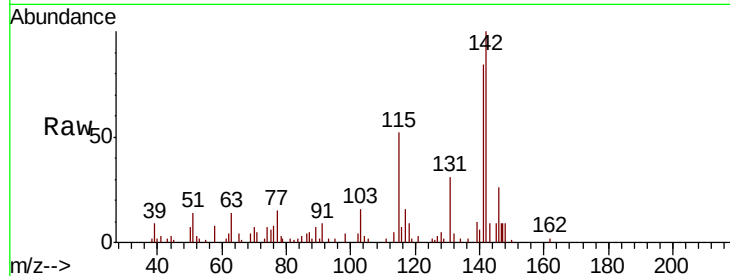




#35
1-Methylnaphthalene
Concen: 2.280 ng/uL
RT: 12.77 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG048173.D
Acq: 16 Feb 2021 21:40

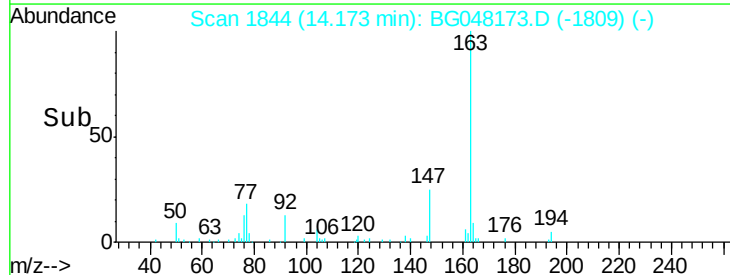
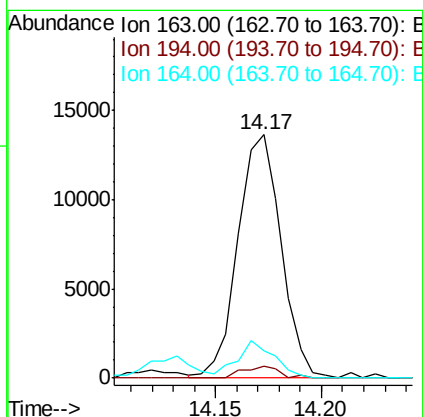
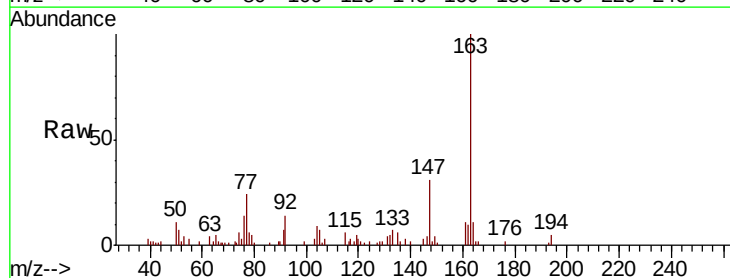
Instrument :
BNA_G
ClientSampleId :
DBGJ8

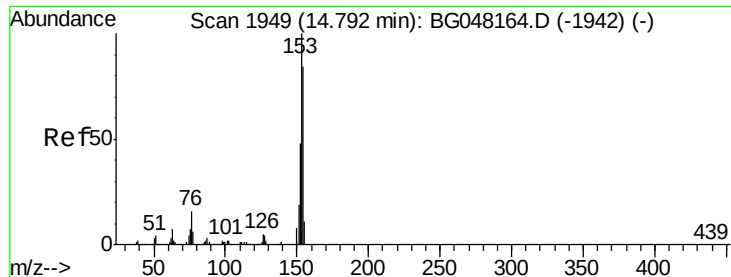
Tot Ion:142 Resp: 18018
Ion Ratio Lower Upper
142 100
141 98.1 75.0 112.6
116 9.9 3.7 5.5#



#45
Dimethylphthalate
Concen: 1.578 ng/uL
RT: 14.17 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BG048173.D
Acq: 16 Feb 2021 21:40

Tgt Ion:163 Resp: 19331
Ion Ratio Lower Upper
163 100
194 4.7 3.0 4.6#
164 11.1 8.1 12.1





#50

Acenaphthene

Concen: 36.998 ng/ul

RT: 14.79 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG048173.D

Acq: 16 Feb 2021 21:40

Instrument :

BNA_G

ClientSampleId :

DBGJ8

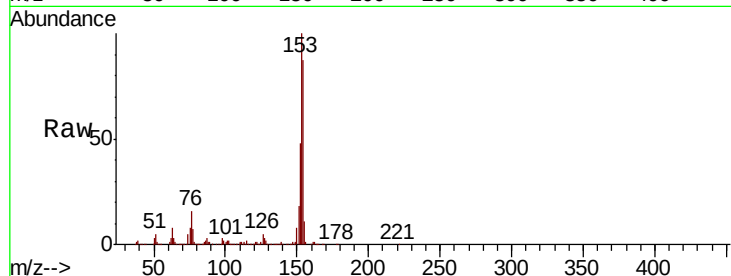
Tot Ion:153 Resp: 359809

Ion Ratio Lower Upper

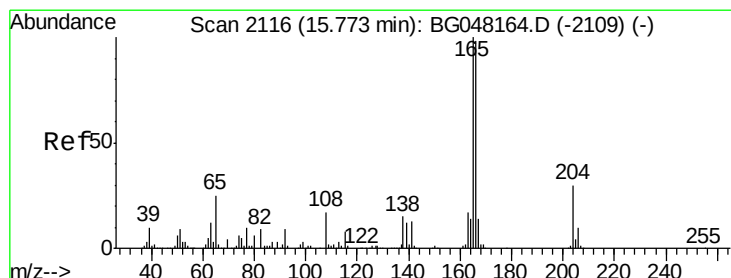
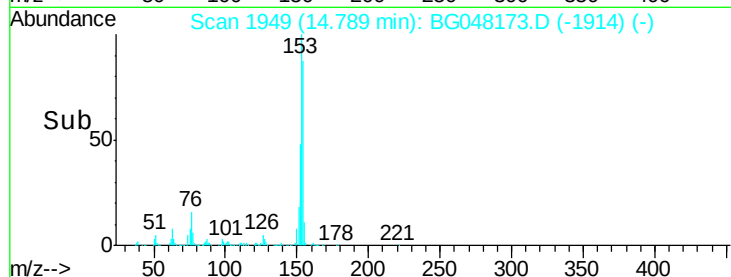
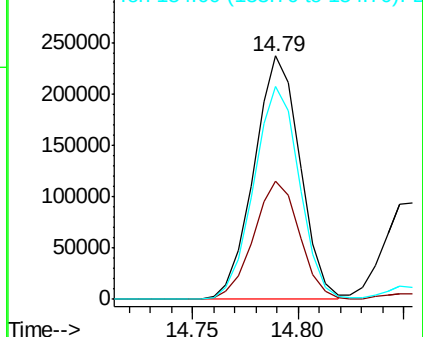
153 100

152 48.3 35.7 53.5

154 87.2 66.3 99.5



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



#59

Fluorene

Concen: 16.532 ng/ul

RT: 15.77 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG048173.D

Acq: 16 Feb 2021 21:40

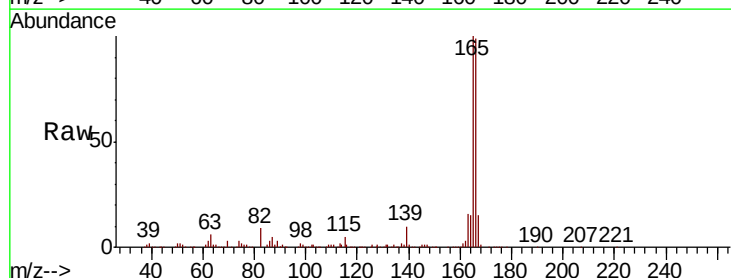
Tgt Ion:166 Resp: 189701

Ion Ratio Lower Upper

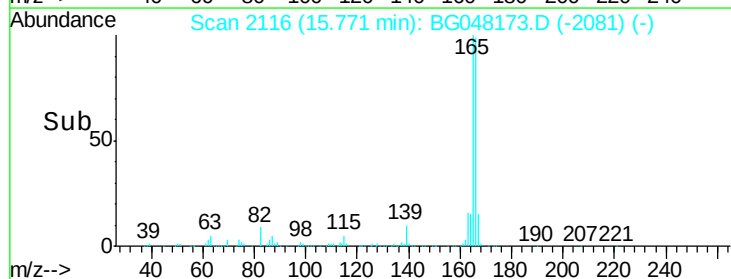
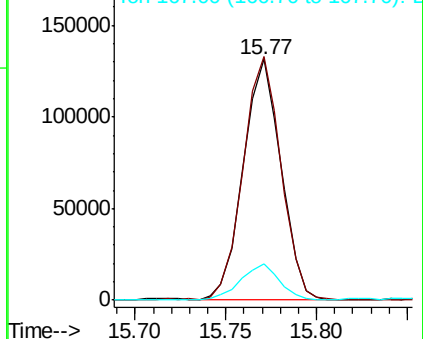
166 100

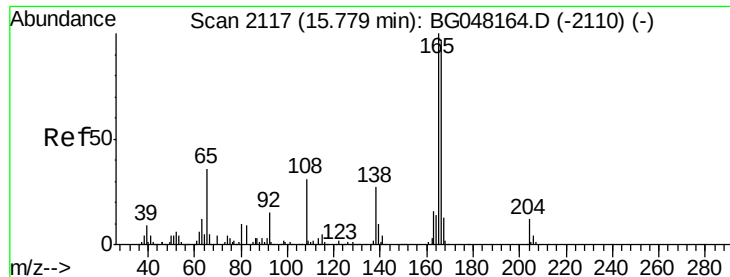
165 101.0 79.4 119.0

167 15.0 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

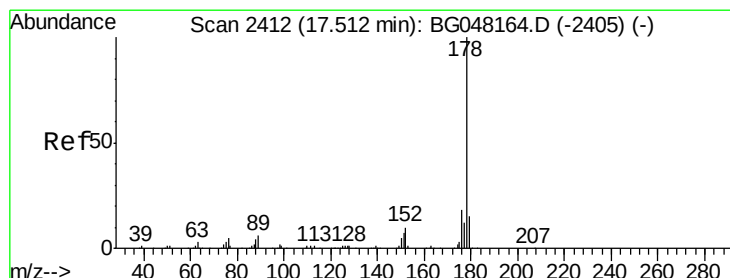
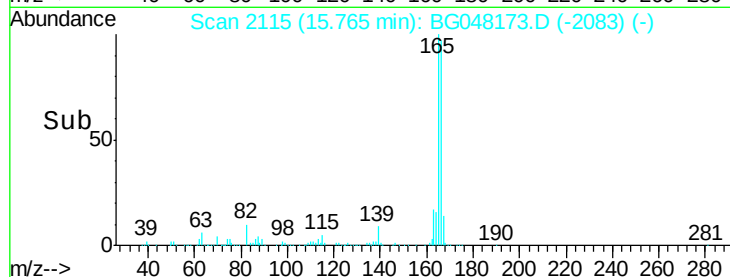
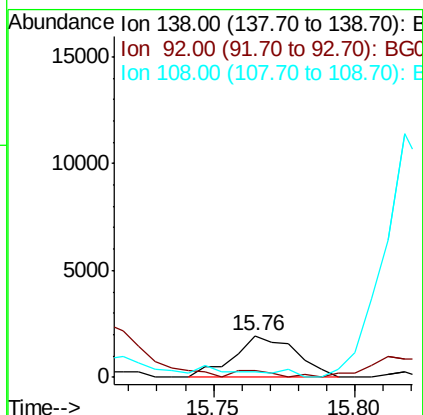
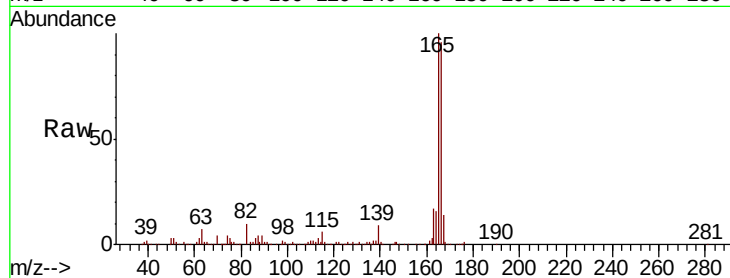




#61
 4-Nitroaniline
 Concen: 1.205 ng/ul
 RT: 15.76 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG048173.D
 Acq: 16 Feb 2021 21:40

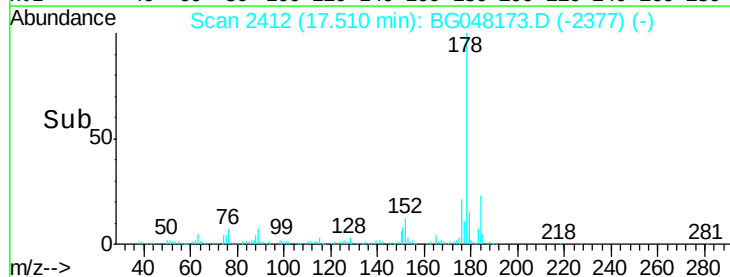
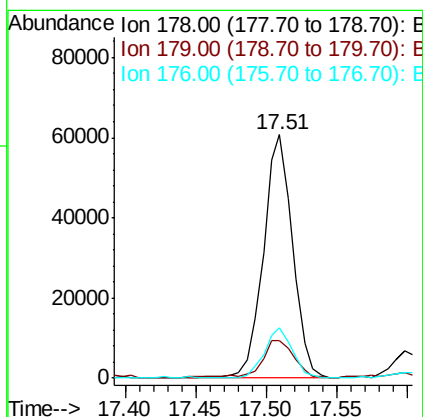
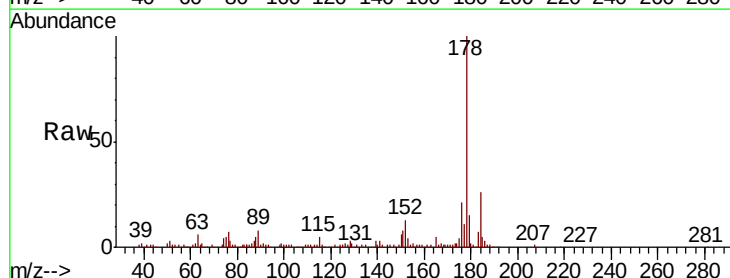
Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8

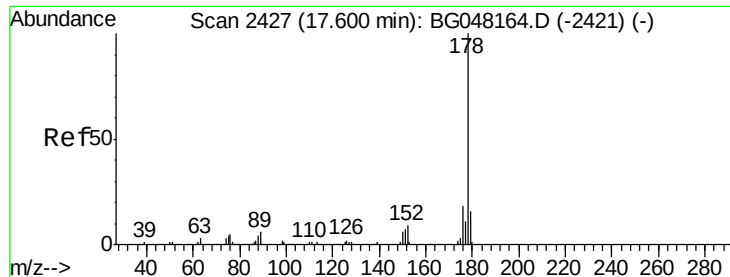
Tot Ion:138 Resp: 2945
 Ion Ratio Lower Upper
 138 100
 92 16.7 45.8 68.8#
 108 13.2 86.5 129.7#



#70
 Phenanthrene
 Concen: 4.358 ng/ul
 RT: 17.51 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BG048173.D
 Acq: 16 Feb 2021 21:40

Tgt Ion:178 Resp: 88570
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.0 18.0
 176 20.6 14.9 22.3





#72

Anthracene

Concen: 4.321 ng/ul

RT: 17.51 min Scan# 2412

Delta R.T. -0.09 min

Lab File: BG048173.D

Acq: 16 Feb 2021 21:40

Instrument :

BNA_G

ClientSampleId :

DBGJ8

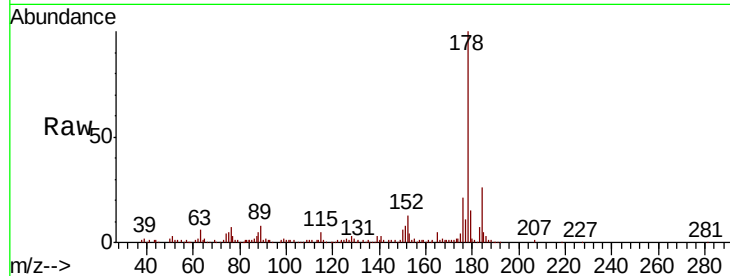
Tot Ion:178 Resp: 88570

Ion Ratio Lower Upper

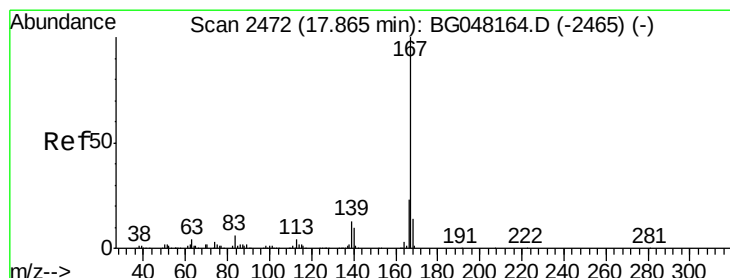
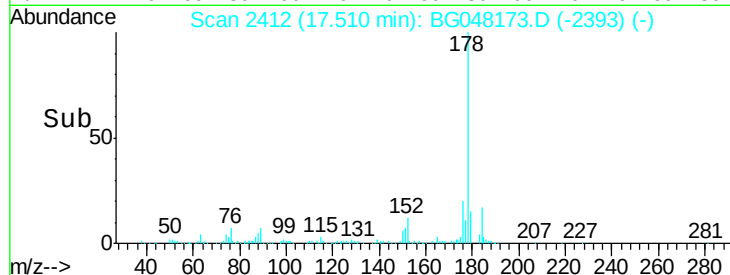
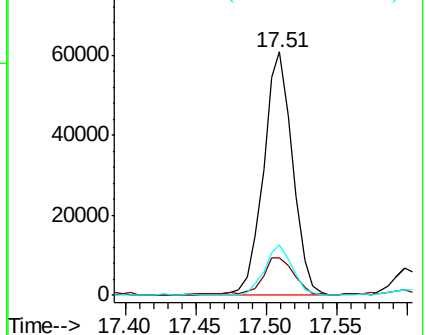
178 100

179 15.2 12.4 18.6

176 20.6 15.1 22.7



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: 45.136 ng/ul

RT: 17.87 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG048173.D

Acq: 16 Feb 2021 21:40

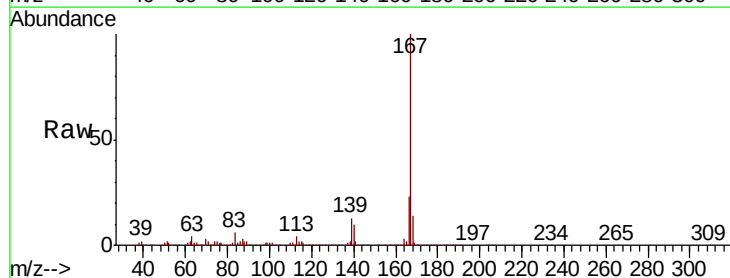
Tgt Ion:167 Resp: 773777

Ion Ratio Lower Upper

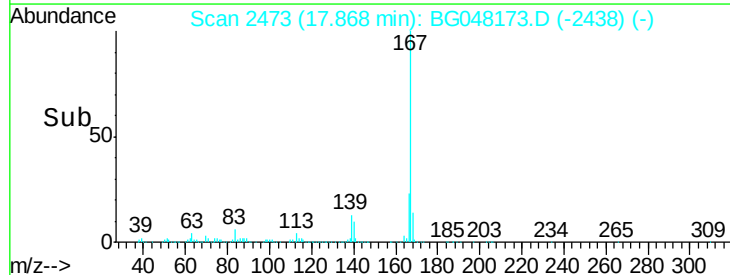
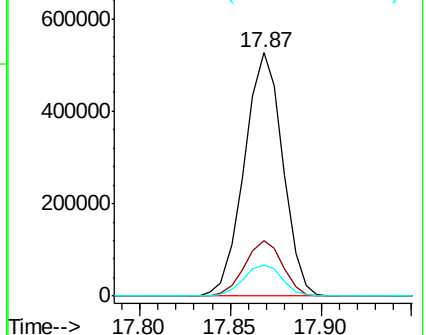
167 100

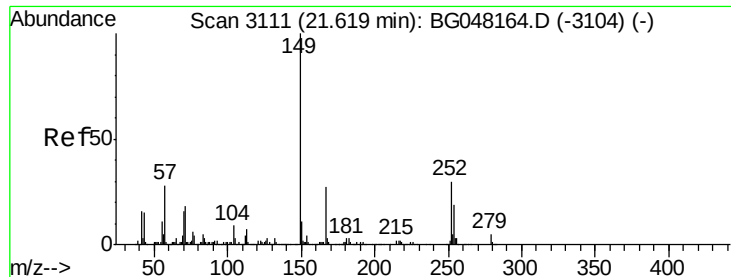
166 22.7 16.2 24.2

139 12.7 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.100 ng/ul

RT: 21.62 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG048173.D

Acq: 16 Feb 2021 21:40

Instrument :

BNA_G

ClientSampleId :

DBGJ8

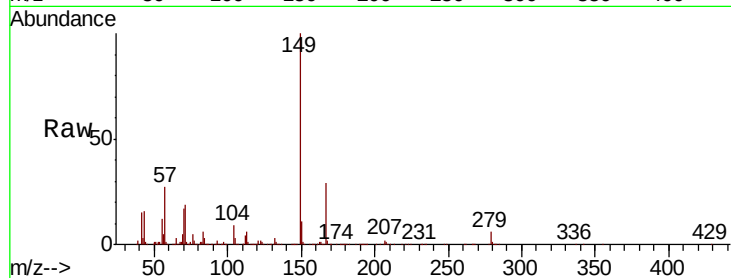
Tot Ion:149 Resp: 538120

Ion Ratio Lower Upper

149 100

167 28.8 20.9 31.3

279 5.8 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

