

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050050.D
 Acq On : 31 Aug 2021 4:45
 Operator : CG/JU
 Sample : M3448-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKG6

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:36:09 AM

Quant Time: Aug 31 05:58:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	31737	20.000	ng/ul	0.01
20) Naphthalene-d8	10.786	136	127138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	86378	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.382	188	169560	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	141597	20.000	ng/ul	0.00
88) Perylene-d12	24.890	264	150234	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.313	96	2820	4.582	ng/uL	0.00
4) Pyridine-d5	3.760	84	13475	7.269	ng/ul	0.02
7) Phenol-d5	7.138	99	16296	6.047	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.278	67	39429	26.335	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	44748	22.191	ng/ul	0.00
15) 4-Methylphenol-d8	8.688	113	30677	14.454	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	31251	31.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	32486	27.679	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.415	165	57587	27.509	ng/ul	0.01
31) 4-Chloroaniline-d4	10.926	131	69262	24.308	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	206374	31.219	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	247373	31.915	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	5497m	5.747	ng/ul	0.02
60) Fluorene-d10	15.620	176	179763	32.073	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.761	200	18993	17.411	ng/ul	0.00
73) Anthracene-d10	17.482	188	283627	37.250	ng/ul	0.00
81) Pyrene-d10	19.773	212	290315	37.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.667	264	272398	34.176	ng/ul	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.838	128	152788	24.043	ng/ul	98
37) 1-Methylnaphthalene	12.665	142	28259	5.927	ng/ul#	86
43) 1,1'-Biphenyl	13.452	154	9352	1.550	ng/ul#	96
47) Dimethylphthalate	14.069	163	36905	5.641	ng/ul#	98
52) Acenaphthene	14.692	153	63595	12.375	ng/ul	97
56) Dibenzofuran	15.027	168	35697	5.016	ng/ul	93
61) Fluorene	15.679	166	27316	4.550	ng/ul	93
71) Pentachlorophenol	17.042	266	8749	9.539	ng/ul	87
72) Phenanthrene	17.418	178	16962	2.007	ng/ul#	93
77) Carbazole	17.788	167	46327	6.078	ng/ul	96

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

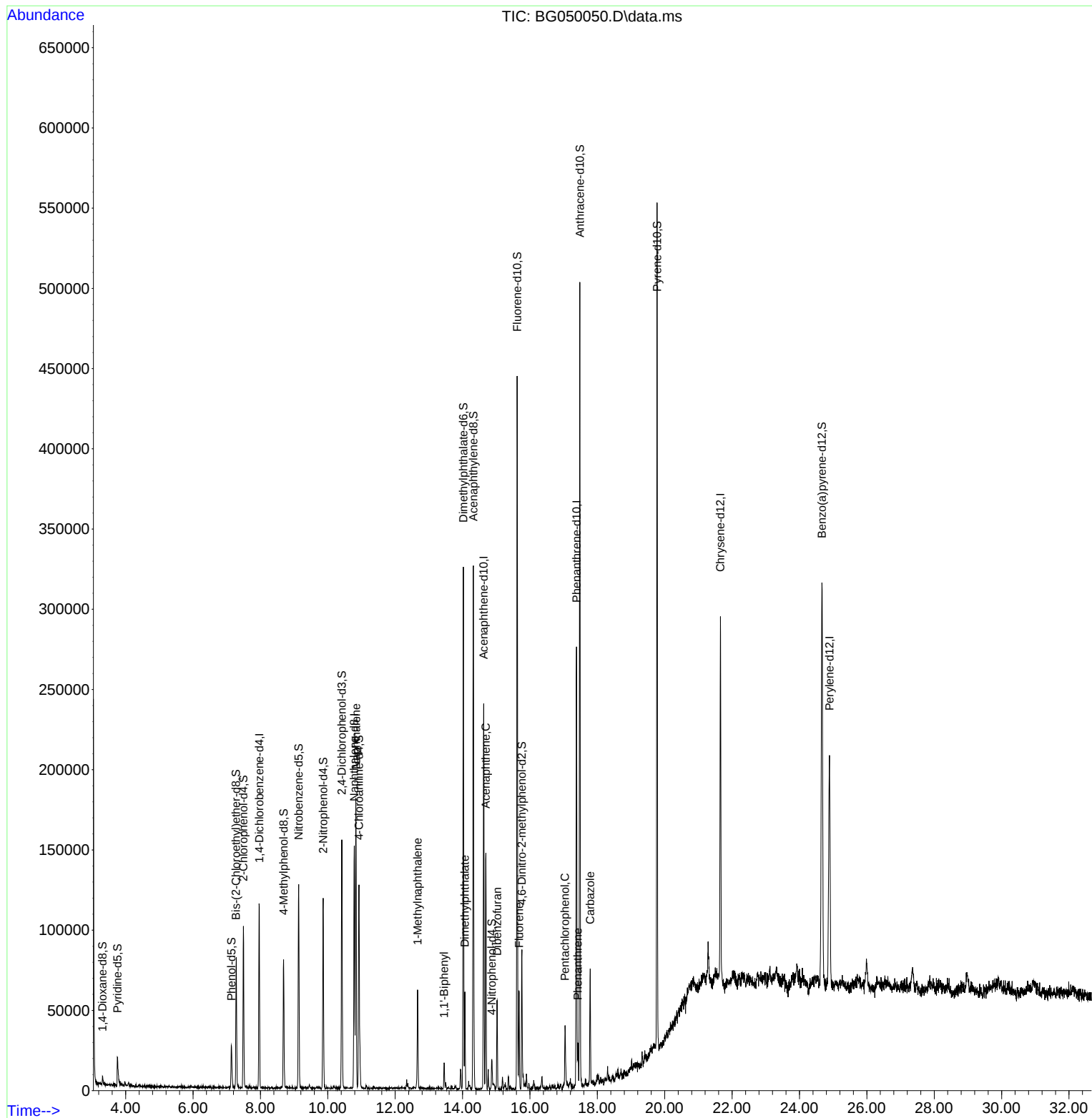
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050050.D
Acq On : 31 Aug 2021 4:45
Operator : CG/JU
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ALS Vial : 24 Sample Multiplier: 1

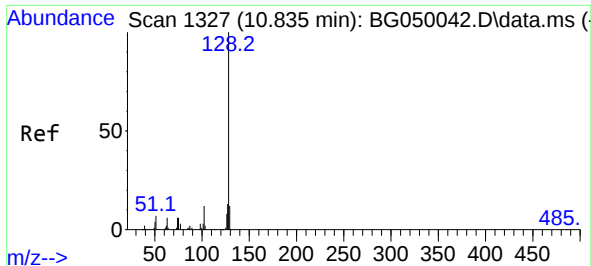
Instrument :
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ClientSampleId :
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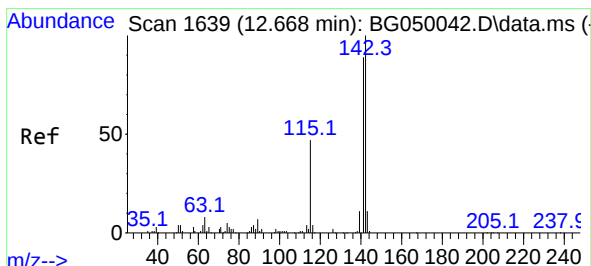
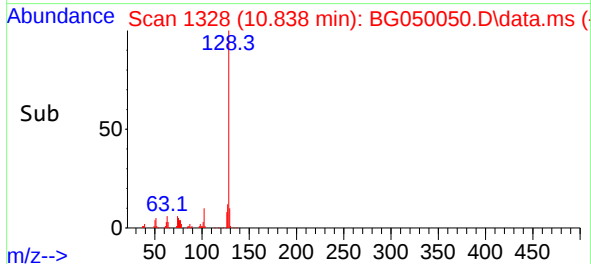
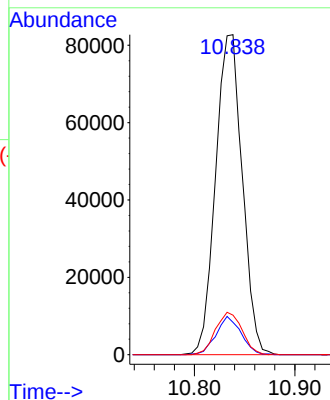
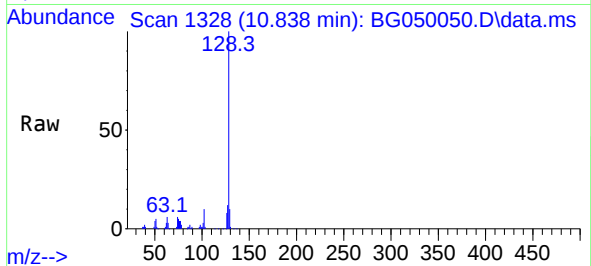
#30
Naphthalene
Concen: 24.043 ng/ul
RT: 10.838 min Scan# 1328
Delta R.T. 0.011 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45

Tgt Ion:128 Resp: 152788
Ion Ratio Lower Upper
128 100
129 10.1 9.3 13.9
127 12.4 9.8 14.6

Instrument :
BNA_G
ClientSampled :
DBKG6

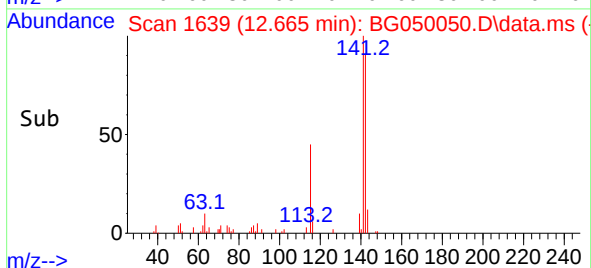
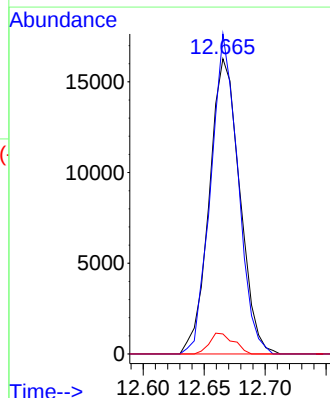
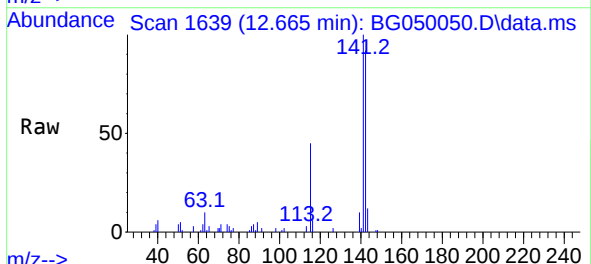
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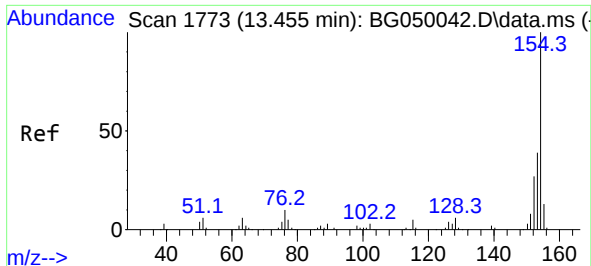
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#37
1-Methylnaphthalene
Concen: 5.927 ng/ul
RT: 12.665 min Scan# 1639
Delta R.T. 0.005 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45

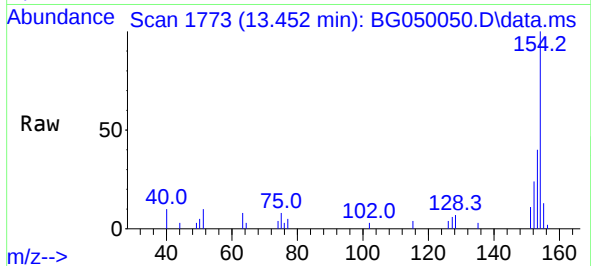
Tgt Ion:142 Resp: 28259
Ion Ratio Lower Upper
142 100
141 108.4 75.8 113.8
116 6.8 3.7 5.5#





#43
1,1'-Biphenyl
Concen: 1.550 ng/ul
RT: 13.452 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45

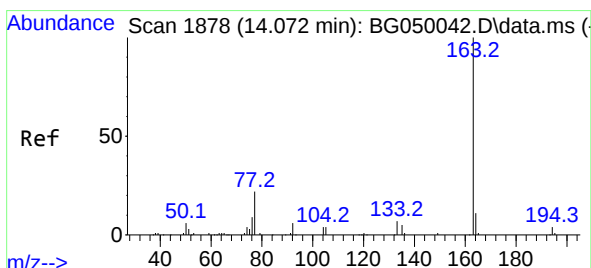
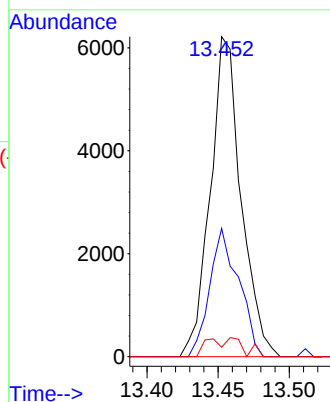
Instrument :
BNA_G
ClientSampleId :
DBKG6



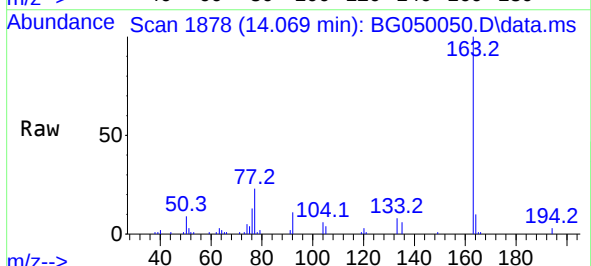
Tgt Ion:154 Resp: 9352
Ion Ratio Lower Upper
154 100
153 40.1 32.5 48.7
76 3.0 7.8 11.8#

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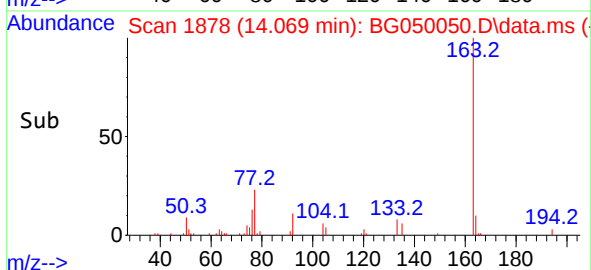
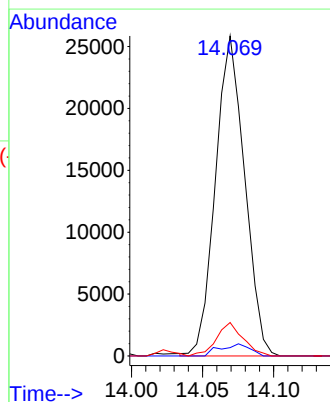
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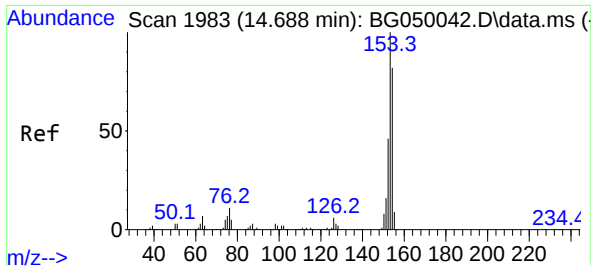


#47
Dimethylphthalate
Concen: 5.641 ng/ul
RT: 14.069 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45



Tgt Ion:163 Resp: 36905
Ion Ratio Lower Upper
163 100
194 2.6 3.4 5.0#
164 10.4 8.2 12.4





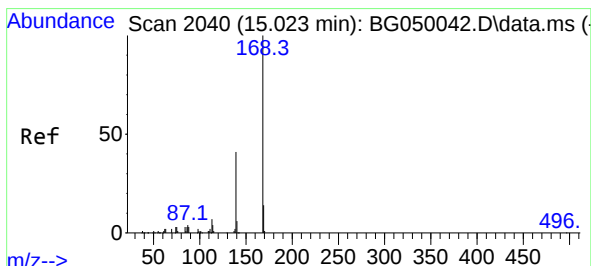
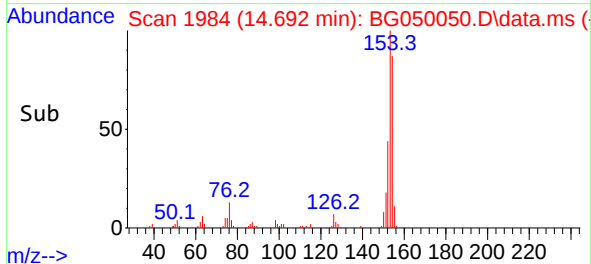
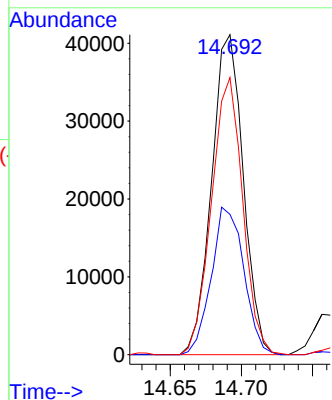
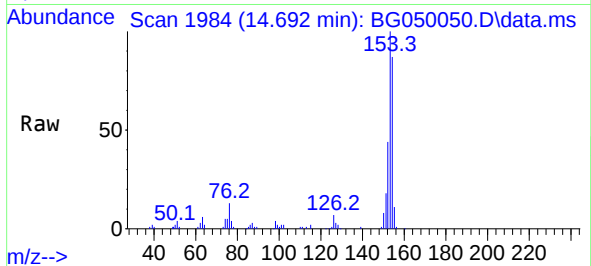
#52
Acenaphthene
Concen: 12.375 ng/u1
RT: 14.692 min Scan# 1984
Delta R.T. 0.005 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45

Tgt Ion:153 Resp: 63595
Ion Ratio Lower Upper
153 100
152 43.8 37.4 56.2
154 86.6 71.5 107.3

Instrument :
BNA_G
ClientSampleId :
DBKG6

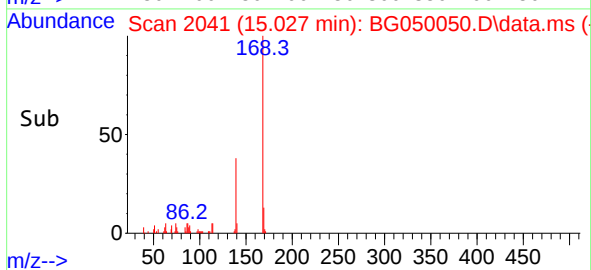
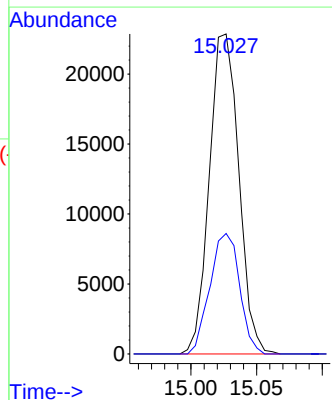
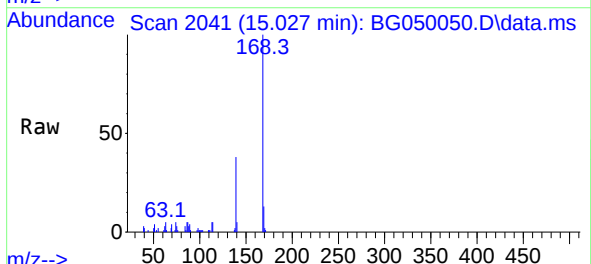
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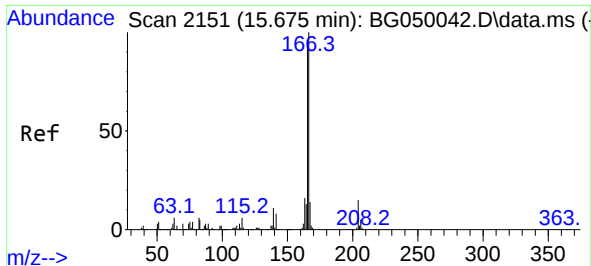
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#56
Dibenzofuran
Concen: 5.016 ng/u1
RT: 15.027 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45

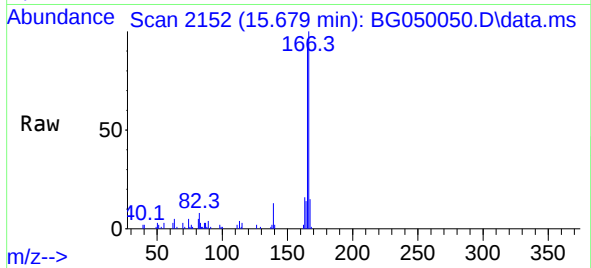
Tgt Ion:168 Resp: 35697
Ion Ratio Lower Upper
168 100
139 37.6 33.8 50.8





#61
Fluorene
Concen: 4.550 ng/ul
RT: 15.679 min Scan# 2152
Delta R.T. 0.011 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45

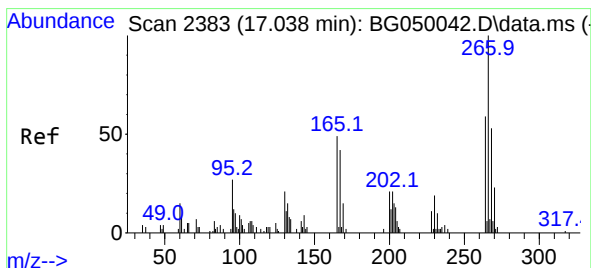
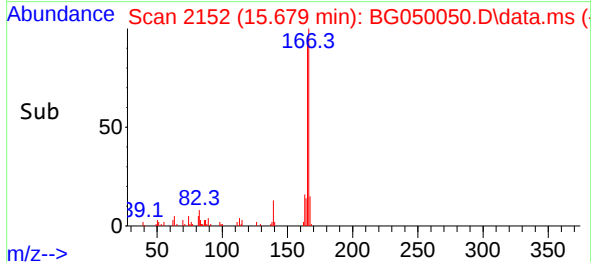
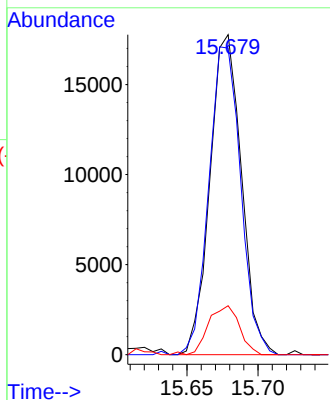
Instrument :
BNA_G
ClientSampleId :
DBKG6



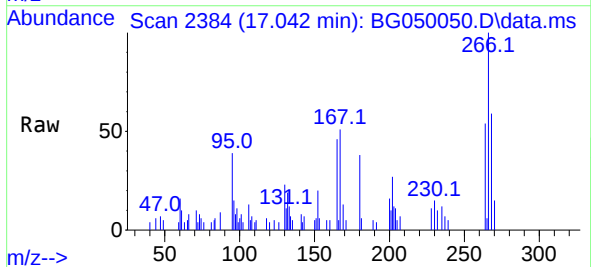
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	83.3	124.9
167	15.3	11.8	17.6

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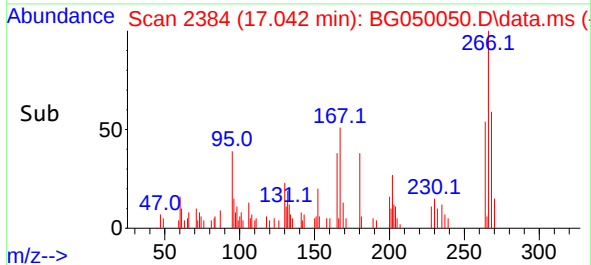
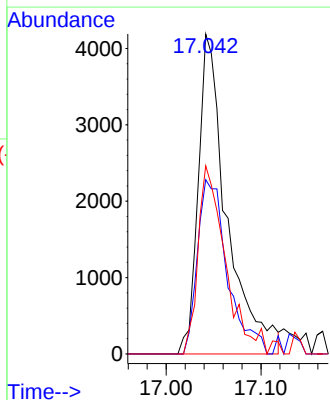
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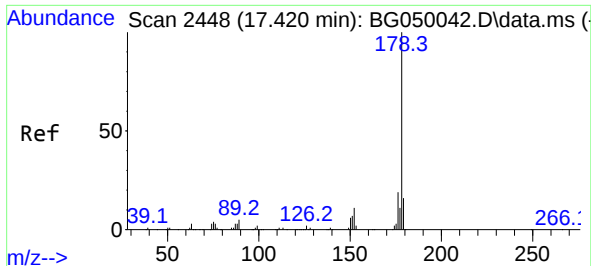


#71
Pentachlorophenol
Concen: 9.539 ng/ul
RT: 17.042 min Scan# 2384
Delta R.T. 0.005 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45



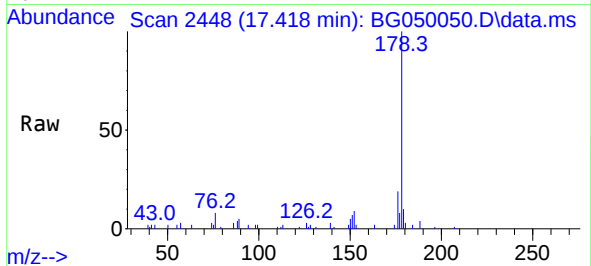
Tgt Ion	Ratio	Lower	Upper
266	100		
264	54.4	54.1	81.1
268	58.8	52.6	78.8





#72
Phenanthrene
Concen: 2.007 ng/u1
RT: 17.418 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45

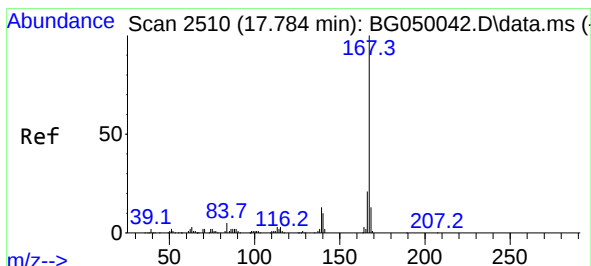
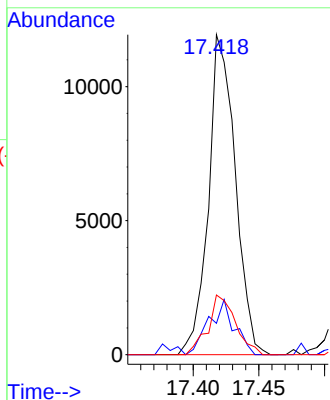
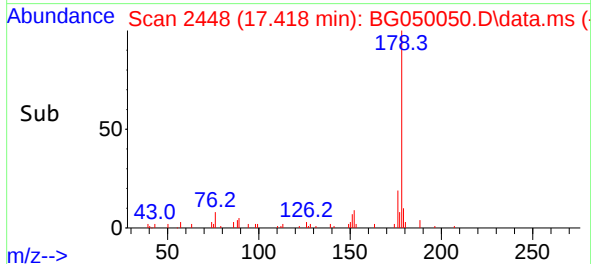
Instrument :
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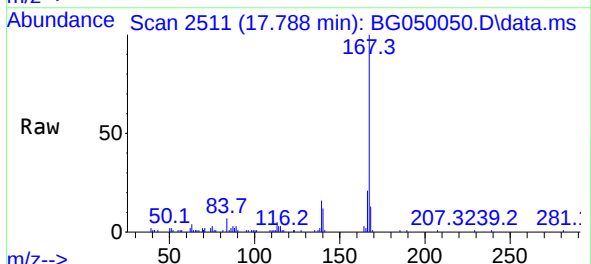
Tgt Ion:178 Resp: 16962
Ion Ratio Lower Upper
178 100
179 9.8 11.7 17.5#
176 18.7 16.2 24.2

Manual Integrations
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#77
Carbazole
Concen: 6.078 ng/u1
RT: 17.788 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BG050050.D
Acq: 31 Aug 2021 4:45



Tgt Ion:167 Resp: 46327
Ion Ratio Lower Upper
167 100
166 20.9 17.8 26.8
139 16.5 11.1 16.7

