

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051393.D
 Acq On : 7 Dec 2021 22:04
 Operator : CG/JU
 Sample : M4870-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKN8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 08 02:23:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.191	152	31921	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.017	136	138111	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.824	164	89792	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.574	188	191777	20.000	ng/u1	0.00
79) Chrysene-d12	21.875	240	165356	20.000	ng/u1	0.00
88) Perylene-d12	25.271	264	164175	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	3542	3.856	ng/uL	-0.02
4) Pyridine-d5	3.966	84	29631	10.993	ng/u1	-0.01
7) Phenol-d5	7.351	99	19261	6.105	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.503	67	53130	26.814	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.721	132	43829	19.293	ng/u1	-0.01
15) 4-Methylphenol-d8	8.902	113	34110	13.398	ng/u1	-0.01
21) Nitrobenzene-d5	9.366	128	32348	27.746	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.094	143	32165	24.458	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.641	165	52510	23.533	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.158	131	7135	2.185	ng/u1	0.00
46) Dimethylphthalate-d6	14.213	166	211359	30.592	ng/u1	-0.01
49) Acenaphthylene-d8	14.519	160	254288	29.188	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.065	143	7910	7.073	ng/u1	0.02
60) Fluorene-d10	15.811	176	184711	29.689	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.952	200	24955	21.088	ng/u1	0.00
73) Anthracene-d10	17.668	188	299690	32.674	ng/u1	-0.01
81) Pyrene-d10	19.953	212	325153	32.498	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.042	264	281908	32.152	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.380	94	518360	158.604	ng/u1	96
13) 2-Methylphenol	8.637	108	52027	21.371	ng/u1	96
16) Acetophenone	9.019	105	83971m	21.324	ng/u1	
18) 4-Methylphenol	8.972	108	74779	28.726	ng/u1	95
26) 2,4-Dimethylphenol	10.177	107	101466m	36.432	ng/u1	
30) Naphthalene	11.070	128	963968	128.274	ng/u1	98
36) 2-Methylnaphthalene	12.662	142	620954	121.481	ng/u1	100
37) 1-Methylnaphthalene	12.879	142	267243	50.818	ng/u1	96
43) 1,1'-Biphenyl	13.655	154	127701	19.041	ng/u1	94
47) Dimethylphthalate	14.260	163	120487	17.229	ng/u1	99
52) Acenaphthene	14.889	153	48656	8.571	ng/u1	98
56) Dibenzofuran	15.218	168	78064	9.534	ng/u1	100
59) Diethylphthalate	15.612	149	84452	11.505	ng/u1	99
61) Fluorene	15.870	166	35491	5.411	ng/u1	99
67) N-Nitrosodiphenylamine	16.064	169	37217	6.779	ng/u1	96
72) Phenanthrene	17.615	178	19661	1.857	ng/u1	98
77) Carbazole	17.979	167	11087	1.201	ng/u1	96
78) Di-n-butylphthalate	18.502	149	91788	7.712	ng/u1	99
83) Butylbenzylphthalate	20.852	149	1270059	254.140	ng/u1#	97

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

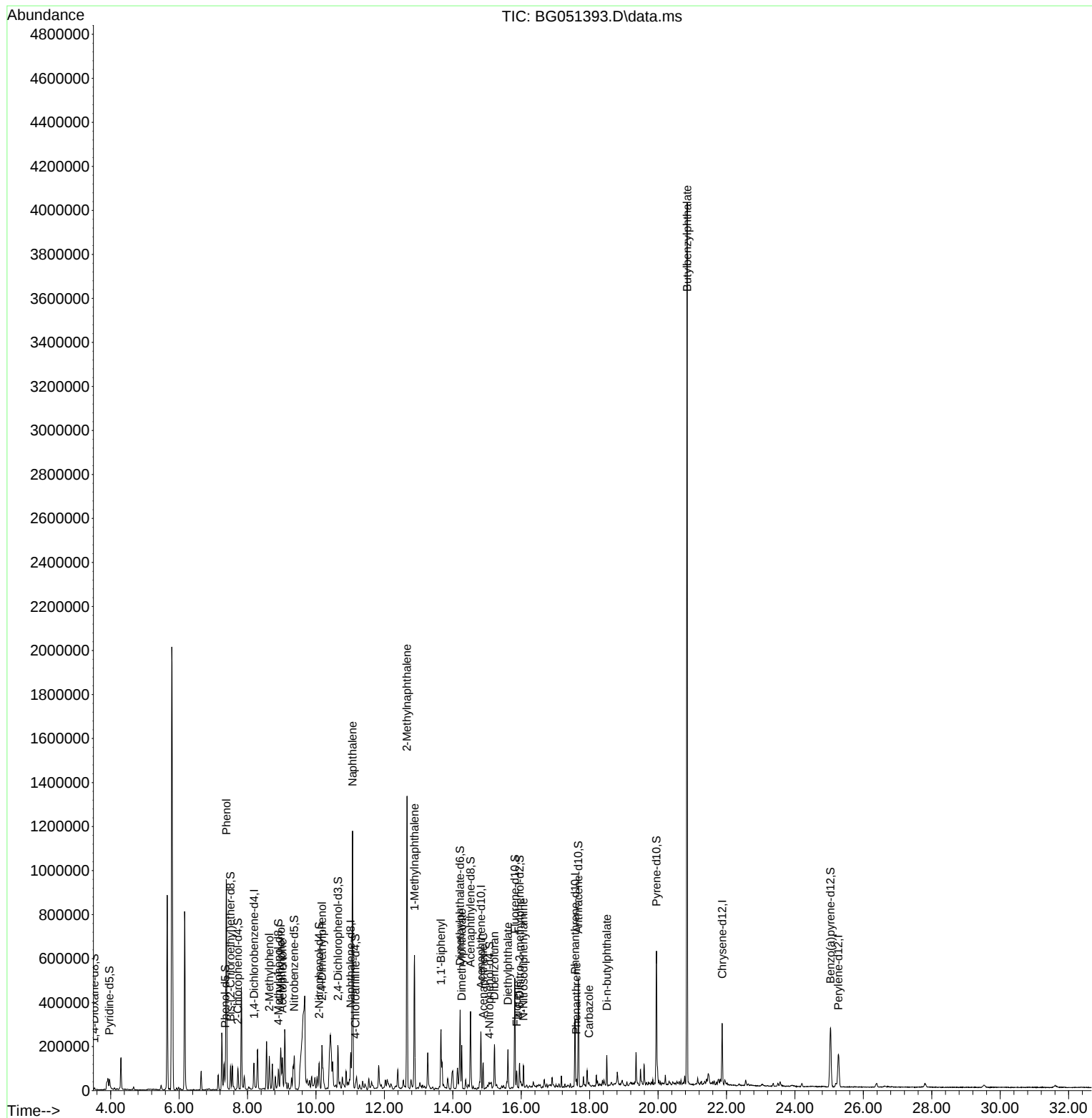
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051393.D
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 Misc :
 ALS Vial : 51 Sample Multiplier: 1

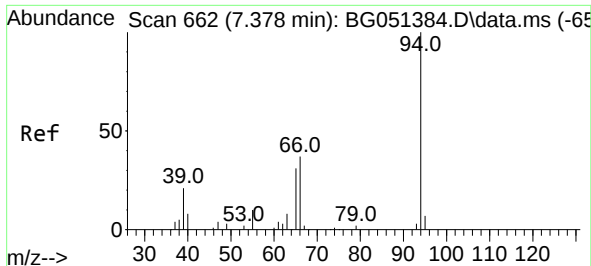
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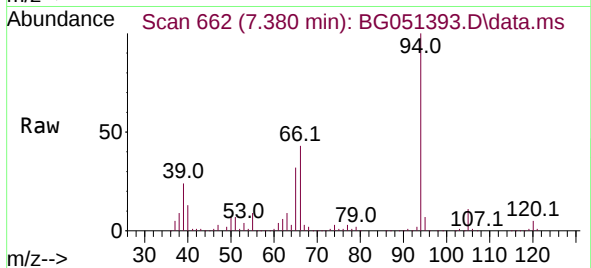
Quant Time: Dec 08 02:23:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
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#8
Phenol
Concen: 158.604 ng/ul
RT: 7.380 min Scan# 662
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

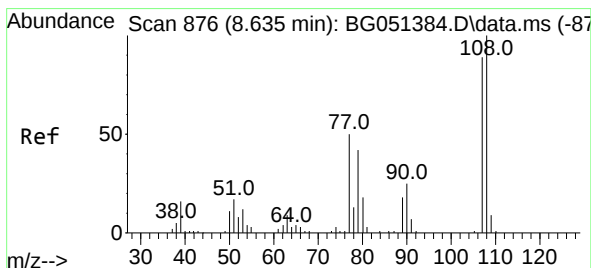
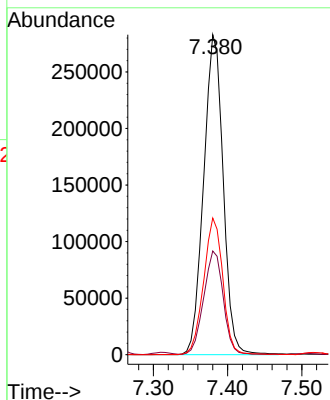
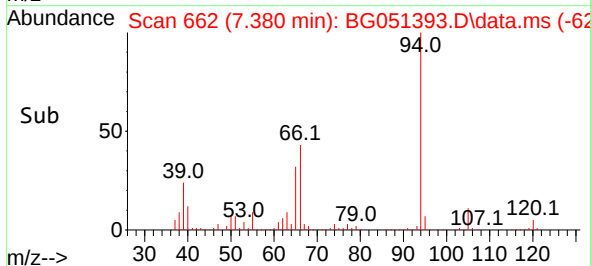
Instrument :
BNA_G
ClientSampleId :
BGKN8



Tgt Ion: 94 Resp: 518360
Ion Ratio Lower Upper
94 100
65 32.4 25.1 37.7
66 42.7 31.6 47.4

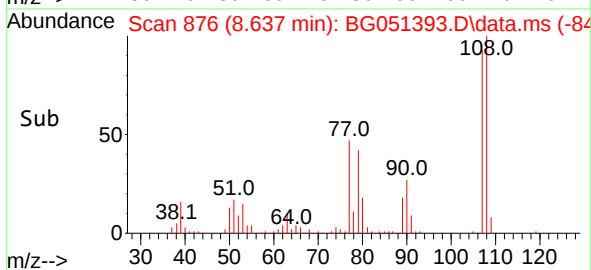
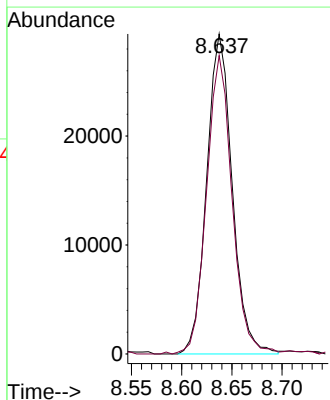
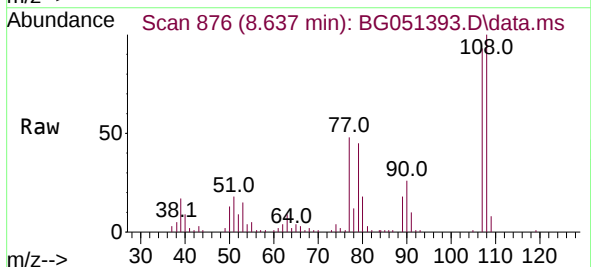
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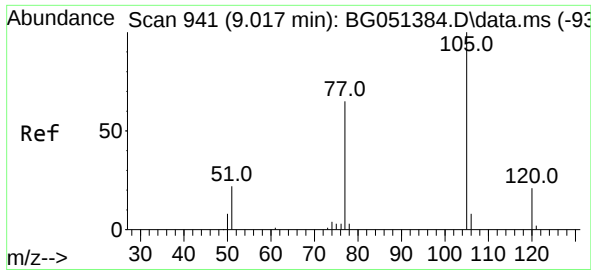
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#13
2-Methylphenol
Concen: 21.371 ng/ul
RT: 8.637 min Scan# 876
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

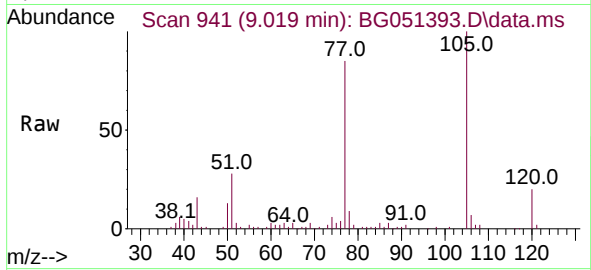
Tgt Ion:108 Resp: 52027
Ion Ratio Lower Upper
108 100
107 93.2 71.8 107.6





#16
Acetophenone
Concen: 21.324 ng/ul m
RT: 9.019 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

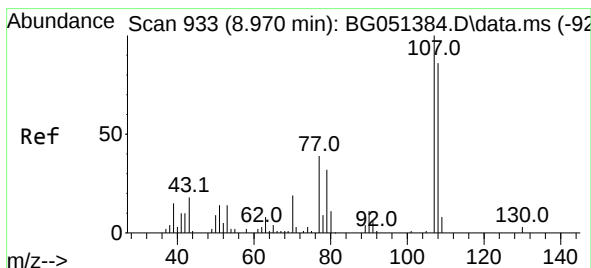
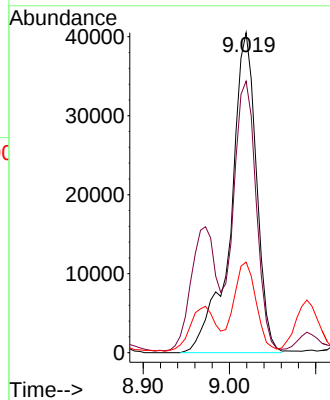
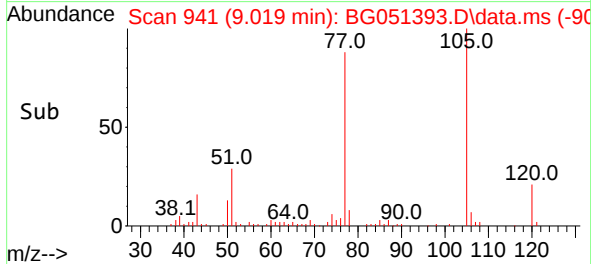
Instrument :
BNA_G
ClientSampleId :
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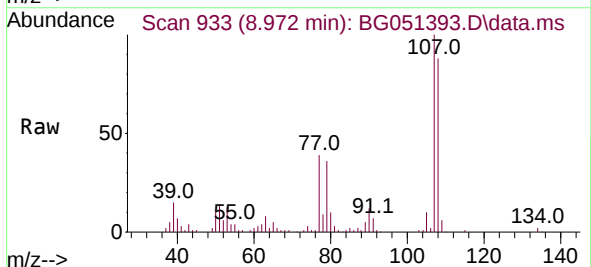
Tgt Ion:105 Resp: 8397
Ion Ratio Lower Upper
105 100
77 84.8 67.3 100.9
51 28.3 24.0 36.0

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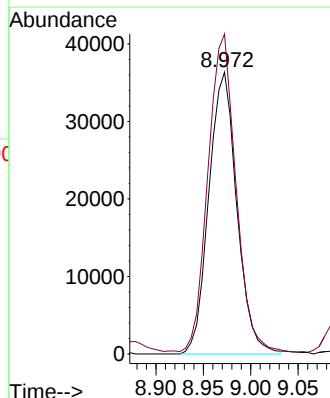
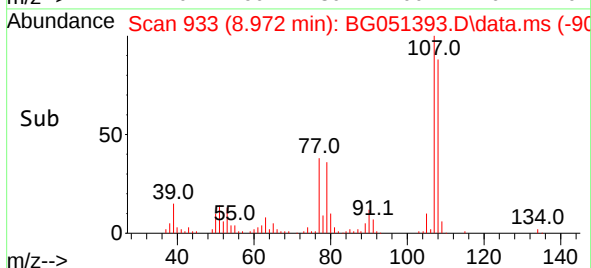
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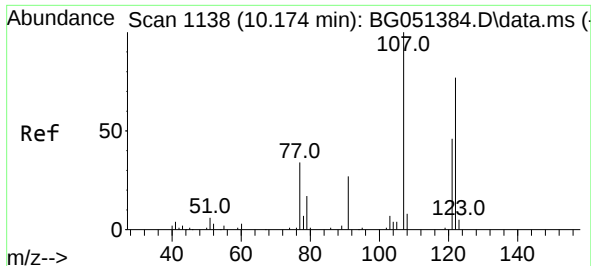


#18
4-Methylphenol
Concen: 28.726 ng/ul
RT: 8.972 min Scan# 933
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04



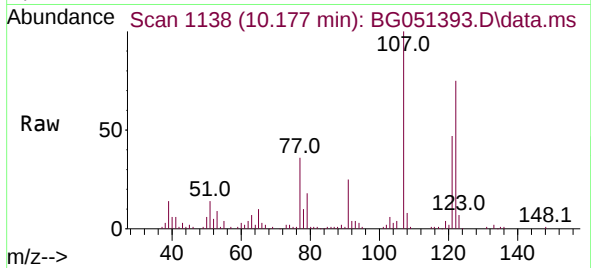
Tgt Ion:108 Resp: 74779
Ion Ratio Lower Upper
108 100
107 113.6 95.0 142.4





#26
2,4-Dimethylphenol
Concen: 36.432 ng/ul m
RT: 10.177 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

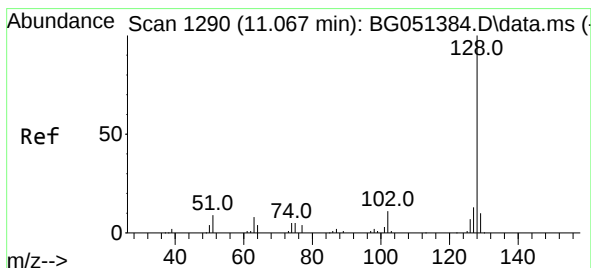
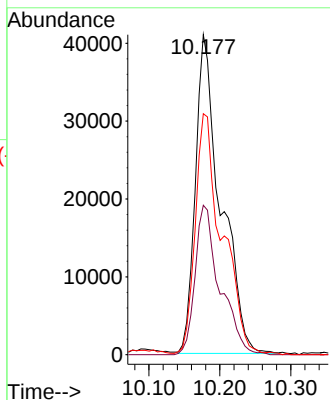
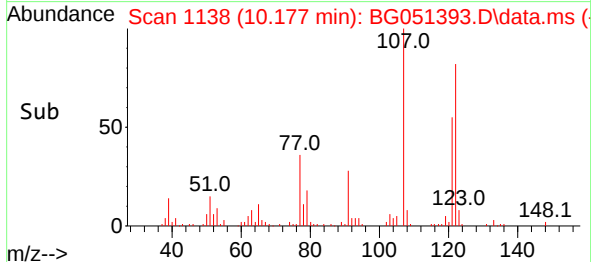
Instrument :
BNA_G
ClientSampleId :
BGKN8



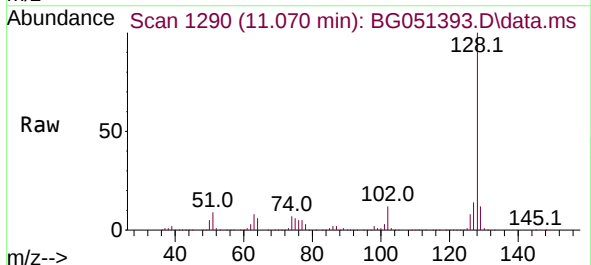
Tgt Ion:107 Resp: 101460
Ion Ratio Lower Upper
107 100
121 46.7 39.3 58.9
122 75.3 63.7 95.5

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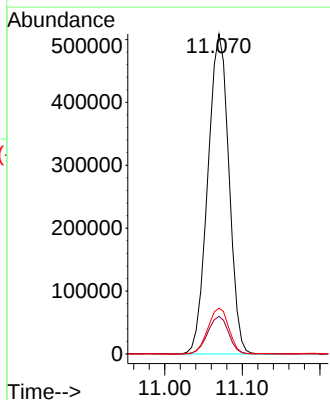
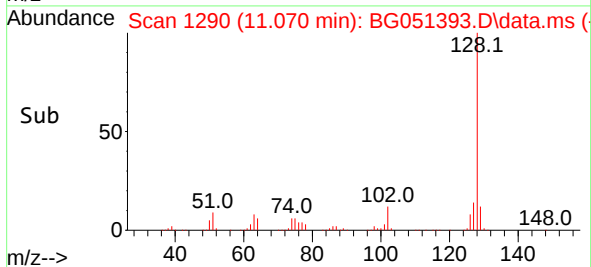
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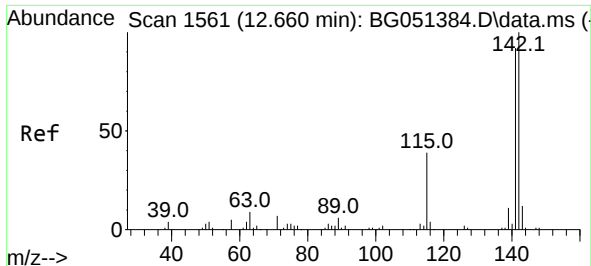


#30
Naphthalene
Concen: 128.274 ng/ul
RT: 11.070 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04



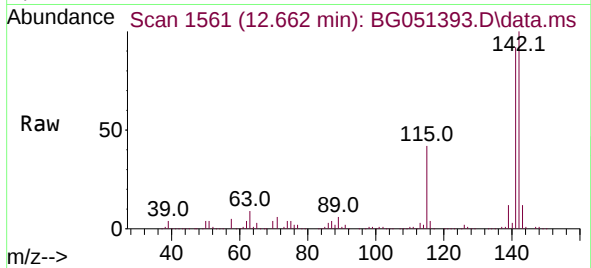
Tgt Ion:128 Resp: 963968
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 14.3 11.8 17.6





#36
2-Methylnaphthalene
Concen: 121.481 ng/ul
RT: 12.662 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

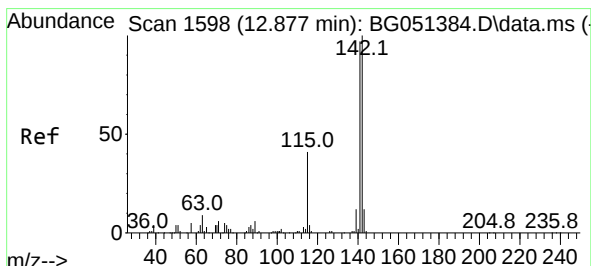
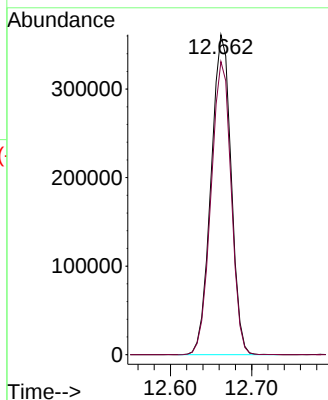
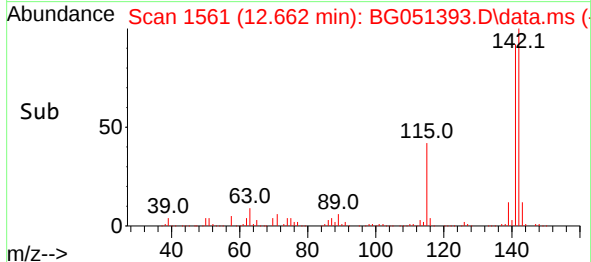
Instrument :
BNA_G
ClientSampleId :
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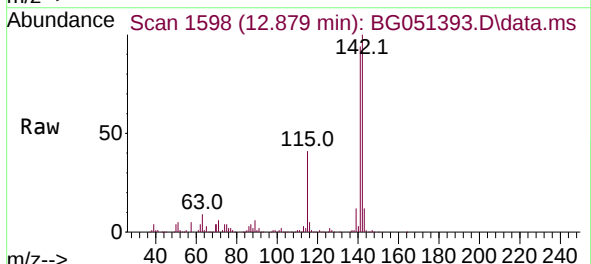
Tgt Ion:142 Resp: 620954
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

Manual Integrations
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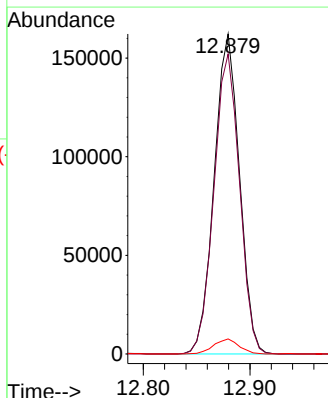
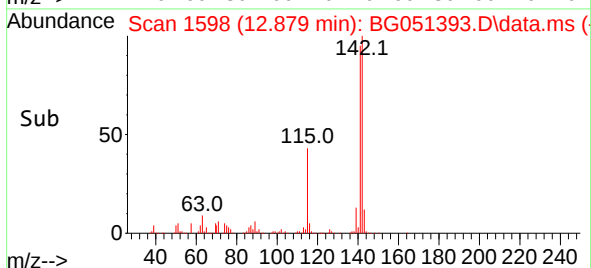
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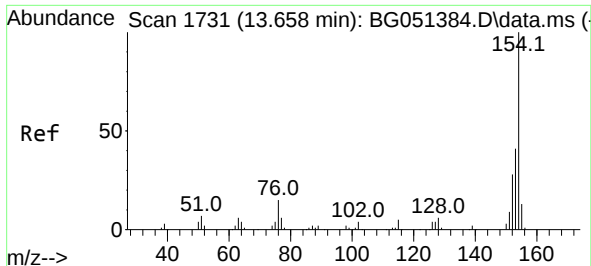


#37
1-Methylnaphthalene
Concen: 50.818 ng/ul
RT: 12.879 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04



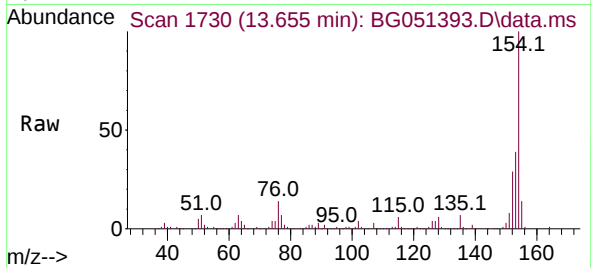
Tgt Ion:142 Resp: 267243
Ion Ratio Lower Upper
142 100
141 93.8 77.8 116.8
116 4.7 3.3 4.9





#43
1,1'-Biphenyl
Concen: 19.041 ng/ul
RT: 13.655 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

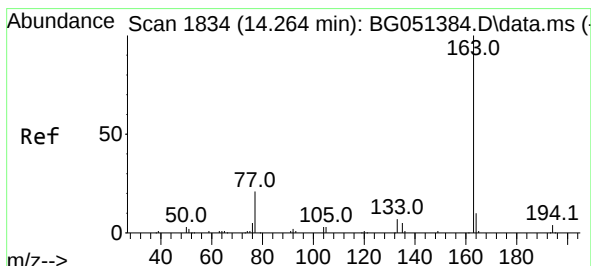
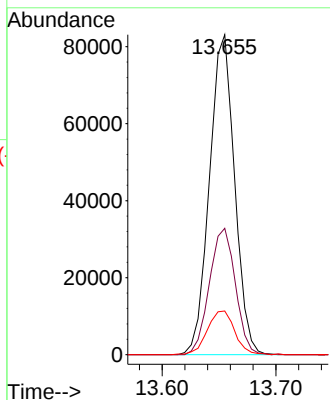
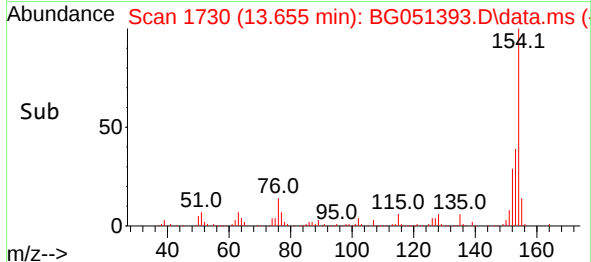
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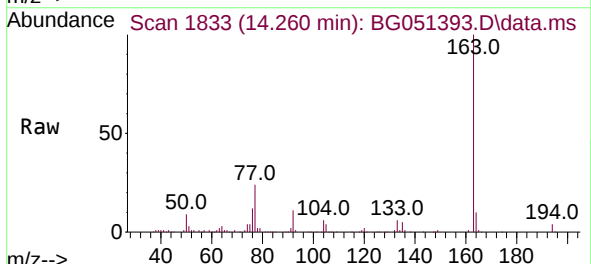
Tgt Ion:154 Resp: 12770
Ion Ratio Lower Upper
154 100
153 39.5 34.5 51.7
76 13.7 13.1 19.7

Manual Integrations
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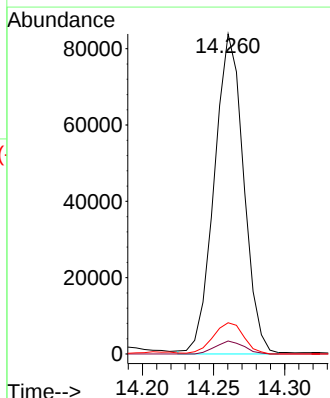
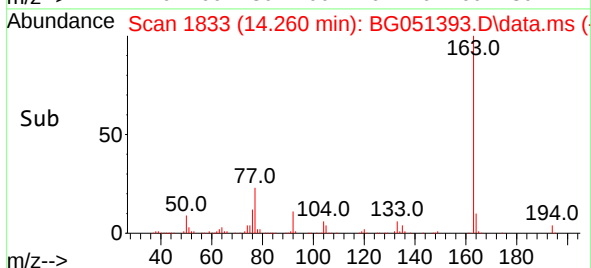
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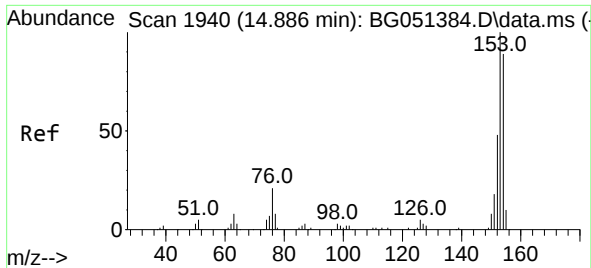


#47
Dimethylphthalate
Concen: 17.229 ng/ul
RT: 14.260 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04



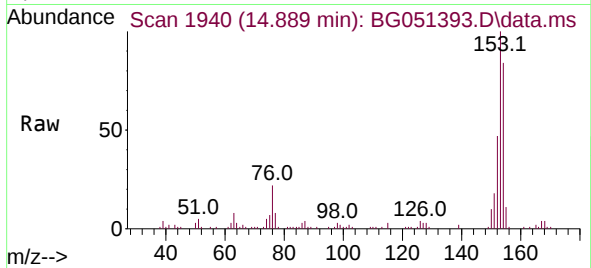
Tgt Ion:163 Resp: 120487
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.8 8.2 12.4





#52
Acenaphthene
Concen: 8.571 ng/ul
RT: 14.889 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

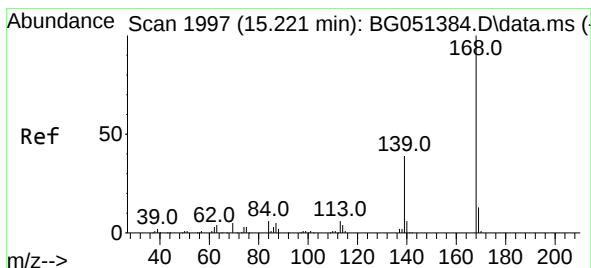
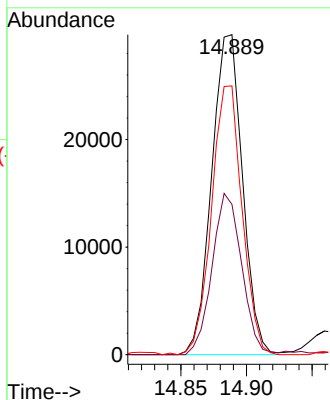
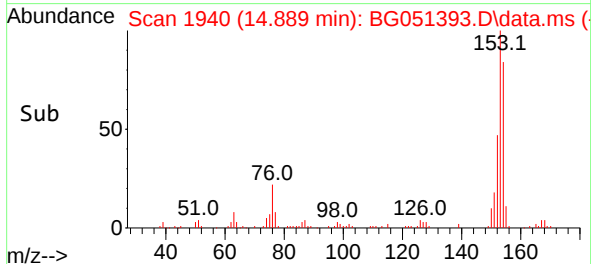
Instrument :
BNA_G
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BGKN8



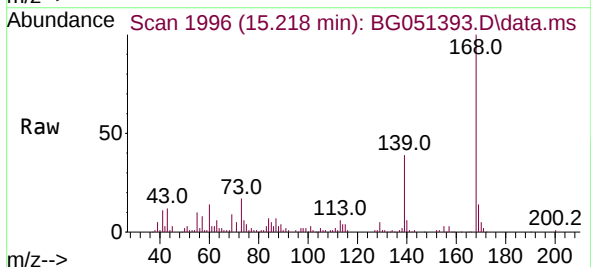
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Ion Ratio Lower Upper
153 100
152 47.0 36.5 54.7
154 84.0 65.8 98.6

Manual Integrations
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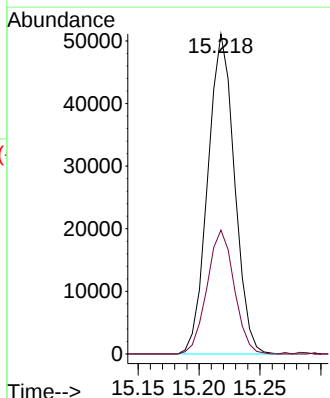
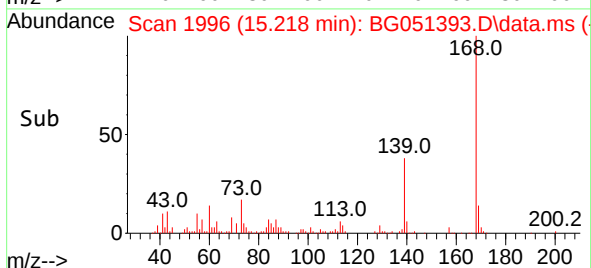
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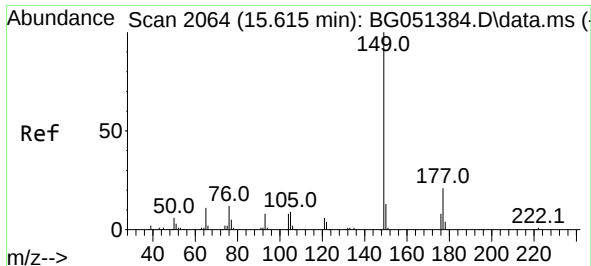


#56
Dibenzofuran
Concen: 9.534 ng/ul
RT: 15.218 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04



Tgt Ion:168 Resp: 78064
Ion Ratio Lower Upper
168 100
139 38.7 31.2 46.8





#59
Diethylphthalate
Concen: 11.505 ng/ul
RT: 15.612 min Scan# 2063
Delta R.T. -0.012 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

Instrument :

BNA_G

ClientSampleId :

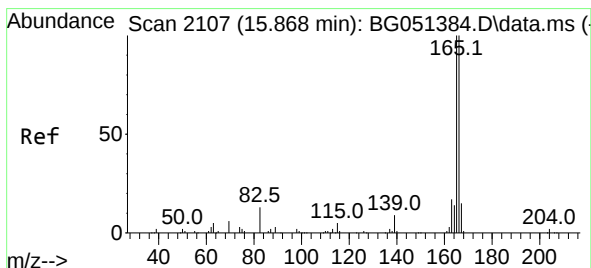
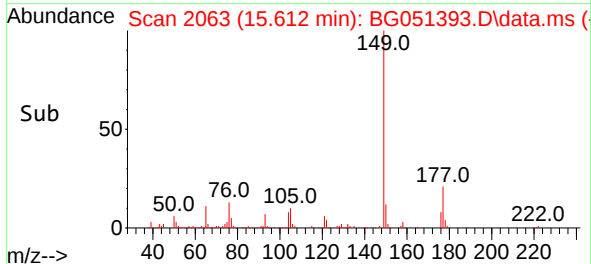
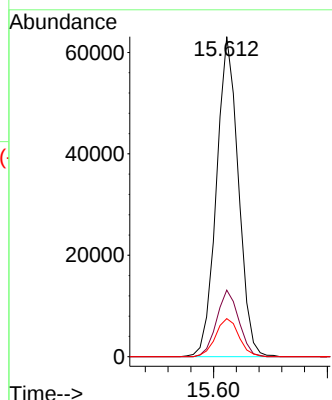
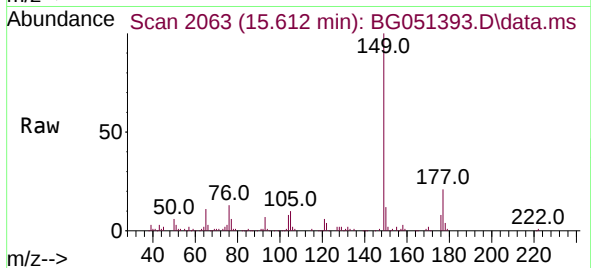
BGKN8

Tgt Ion:149 Resp: 84452
Ion Ratio Lower Upper
149 100
177 20.8 16.8 25.2
150 11.9 10.1 15.1

Manual Integrations

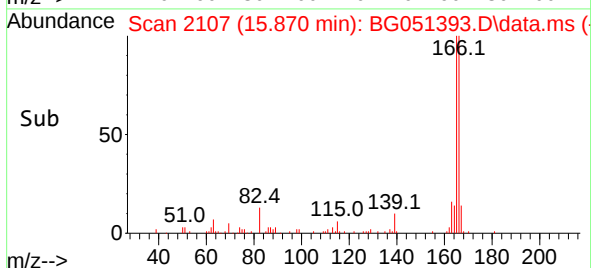
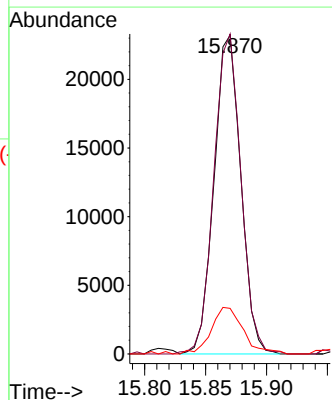
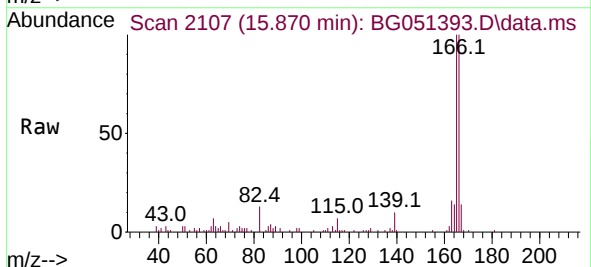
APPROVED

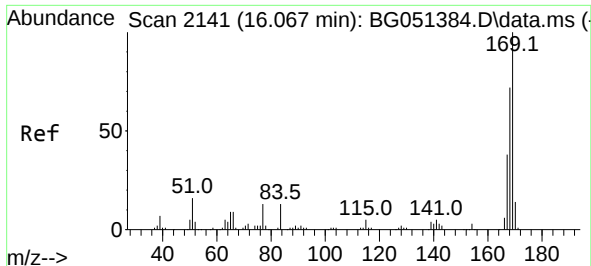
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#61
Fluorene
Concen: 5.411 ng/ul
RT: 15.870 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BG051393.D
Acq: 7 Dec 2021 22:04

Tgt Ion:166 Resp: 35491
Ion Ratio Lower Upper
166 100
165 100.4 81.0 121.6
167 14.3 11.0 16.4





#67

N-Nitrosodiphenylamine

Concen: 6.779 ng/ul

RT: 16.064 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BG051393.D

Acq: 7 Dec 2021 22:04

Instrument :

BNA_G

ClientSampleId :

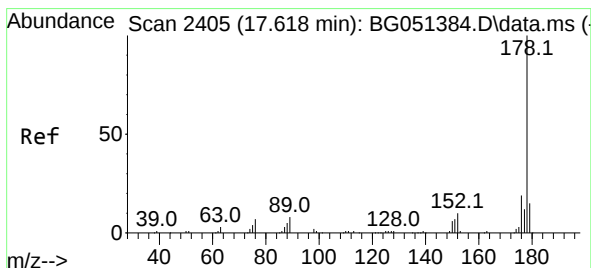
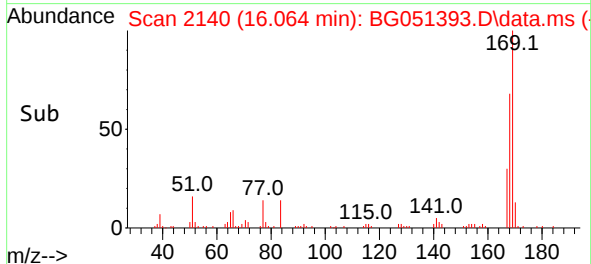
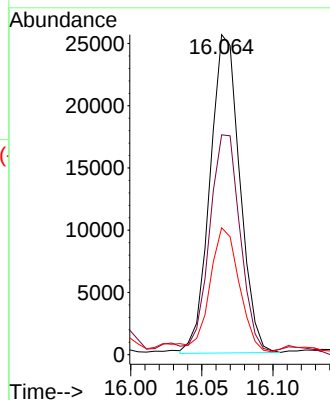
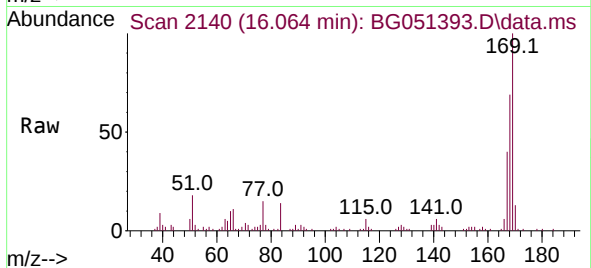
BGKN8

Tgt Ion:169	Resp:	3721
Ion Ratio	Lower	Upper
169	100	
168	68.7	58.5 87.7
167	39.7	31.3 46.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#72

Phenanthrene

Concen: 1.857 ng/ul

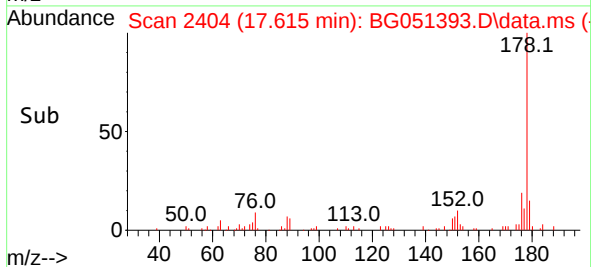
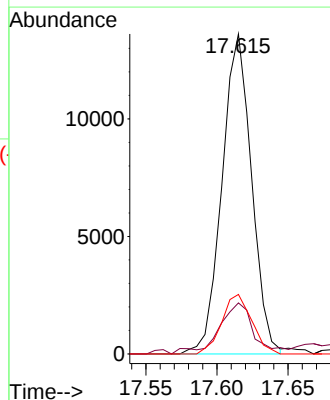
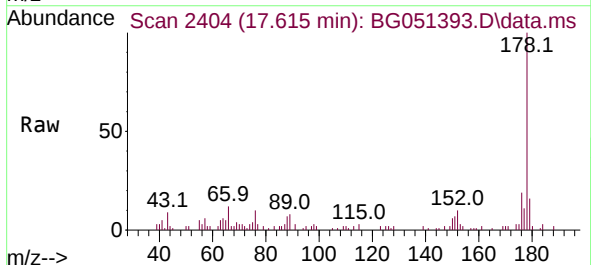
RT: 17.615 min Scan# 2404

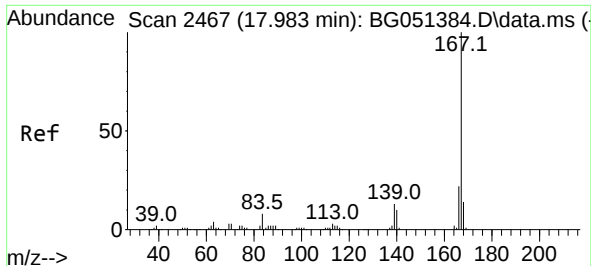
Delta R.T. -0.006 min

Lab File: BG051393.D

Acq: 7 Dec 2021 22:04

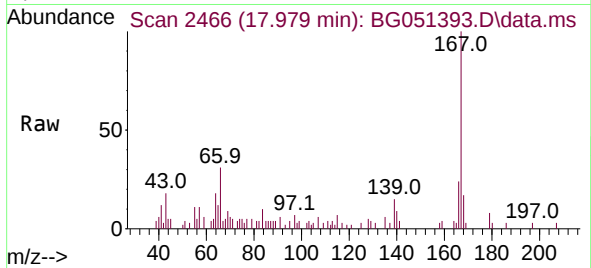
Tgt Ion:178	Resp:	19661
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.3 18.5
176	18.6	15.5 23.3





#77
 Carbazole
 Concen: 1.201 ng/ul
 RT: 17.979 min Scan# 2466
 Delta R.T. -0.006 min
 Lab File: BG051393.D
 Acq: 7 Dec 2021 22:04

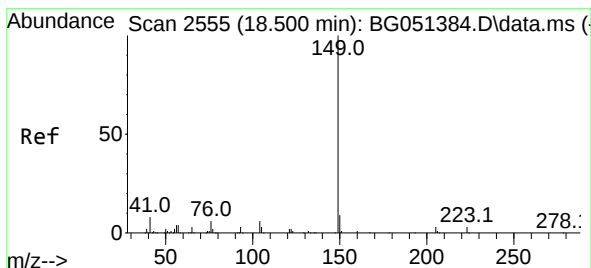
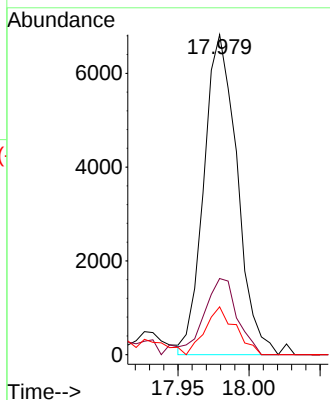
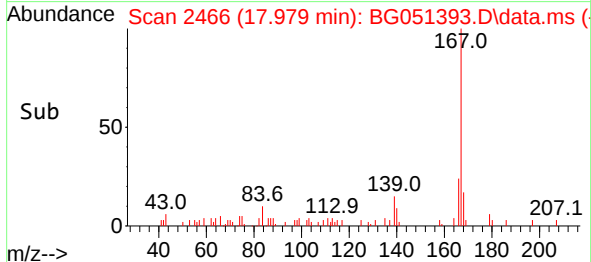
Instrument :
 BNA_G
 ClientSampleId :
 BGKN8



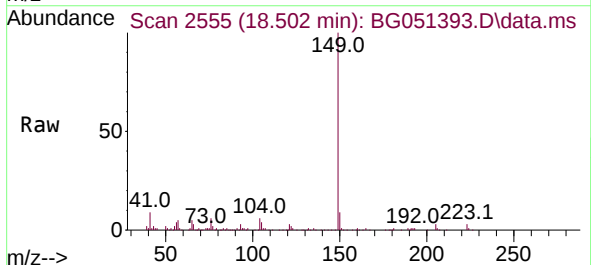
Tgt Ion:167 Resp: 1108
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.3 25.9
 139 14.9 10.6 16.0

Manual Integrations
 APPROVED

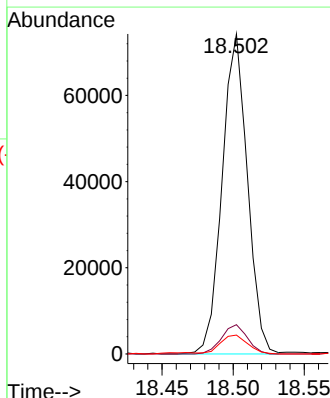
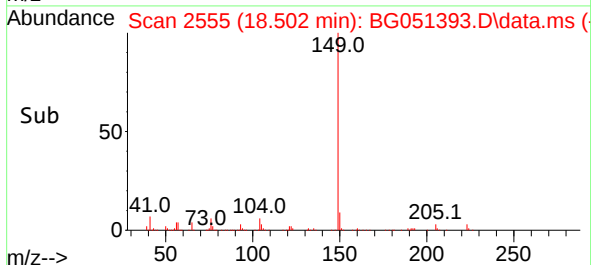
Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

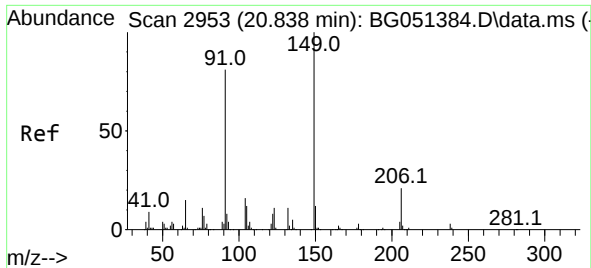


#78
 Di-n-butylphthalate
 Concen: 7.712 ng/ul
 RT: 18.502 min Scan# 2555
 Delta R.T. -0.012 min
 Lab File: BG051393.D
 Acq: 7 Dec 2021 22:04



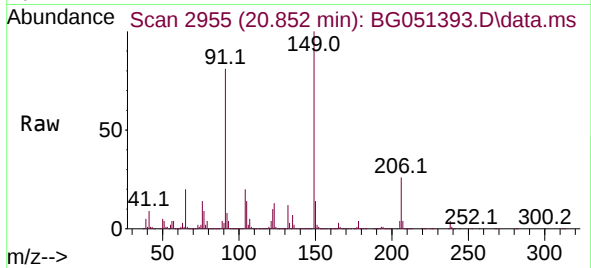
Tgt Ion:149 Resp: 91788
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.9 5.0 7.6





#83
 Butylbenzylphthalate
 Concen: 254.140 ng/ul
 RT: 20.852 min Scan# 2955
 Delta R.T. 0.005 min
 Lab File: BG051393.D
 Acq: 7 Dec 2021 22:04

Instrument :
 BNA_G
 ClientSampleId :
 BGKN8



Tgt Ion:149 Resp: 1270059

Ion	Ratio	Lower	Upper
149	100		
91	80.7	65.2	97.8
206	25.9	16.2	24.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

