

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051661.D
 Acq On : 19 Dec 2021 13:04
 Operator : CG/JU
 Sample : M5153-02
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL67

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 20 00:11:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Supervised By :mohammad
 ahmed
 12/24/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	44770	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.109	136	191744	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.910	164	125311	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.659	188	254403	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.977	240	232804	20.000	ng/ul	# 0.00
88) Perylene-d12	25.490	264	254233	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.596	96	2981	2.765	ng/uL	0.00
4) Pyridine-d5	4.025	84	19453	5.972	ng/ul	-0.02
7) Phenol-d5	7.408	99	68347	17.098	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.573	67	43551	18.327	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.796	132	49583	17.835	ng/ul	-0.01
15) 4-Methylphenol-d8	8.965	113	57541	18.622	ng/ul	-0.01
21) Nitrobenzene-d5	9.441	128	27114	19.287	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.175	143	31209	20.308	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.716	165	56579	16.978	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.233	131	11545	2.631	ng/ul	0.00
46) Dimethylphthalate-d6	14.299	166	185367	18.482	ng/ul	-0.01
49) Acenaphthylene-d8	14.604	160	220346	17.689	ng/ul	0.00
54) 4-Nitrophenol-d4	15.074	143	25447m	15.602	ng/ul	0.00
60) Fluorene-d10	15.897	176	151988	16.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.997	200	16391	12.366	ng/ul	-0.01
73) Anthracene-d10	17.753	188	222804	18.359	ng/ul	0.00
81) Pyrene-d10	20.032	212	234081	16.707	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.237	264	218169	16.310	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.426	94	6125	1.541	ng/ul#	87
30) Naphthalene	11.162	128	105584	10.221	ng/ul	97
32) 4-Chloroaniline	11.256	127	4891	1.092	ng/ul	90
36) 2-Methylnaphthalene	12.754	142	46652	6.330	ng/ul	89
37) 1-Methylnaphthalene	12.971	142	29298	3.829	ng/ul	85
67) N-Nitrosodiphenylamine	16.149	169	25630	3.746	ng/ul#	88
72) Phenanthrene	17.700	178	33108	2.530	ng/ul#	93
77) Carbazole	18.053	167	25233	2.132	ng/ul#	91
83) Butylbenzylphthalate	20.937	149	105272	19.723	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.859	149	2771893	370.741	ng/ul#	89
89) Di-n-octyl phthalate	23.175	149	1270708	92.797	ng/ul	100

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

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Sample : M5153-02
Misc :
ALS Vial : 78 Sample Multiplier: 1

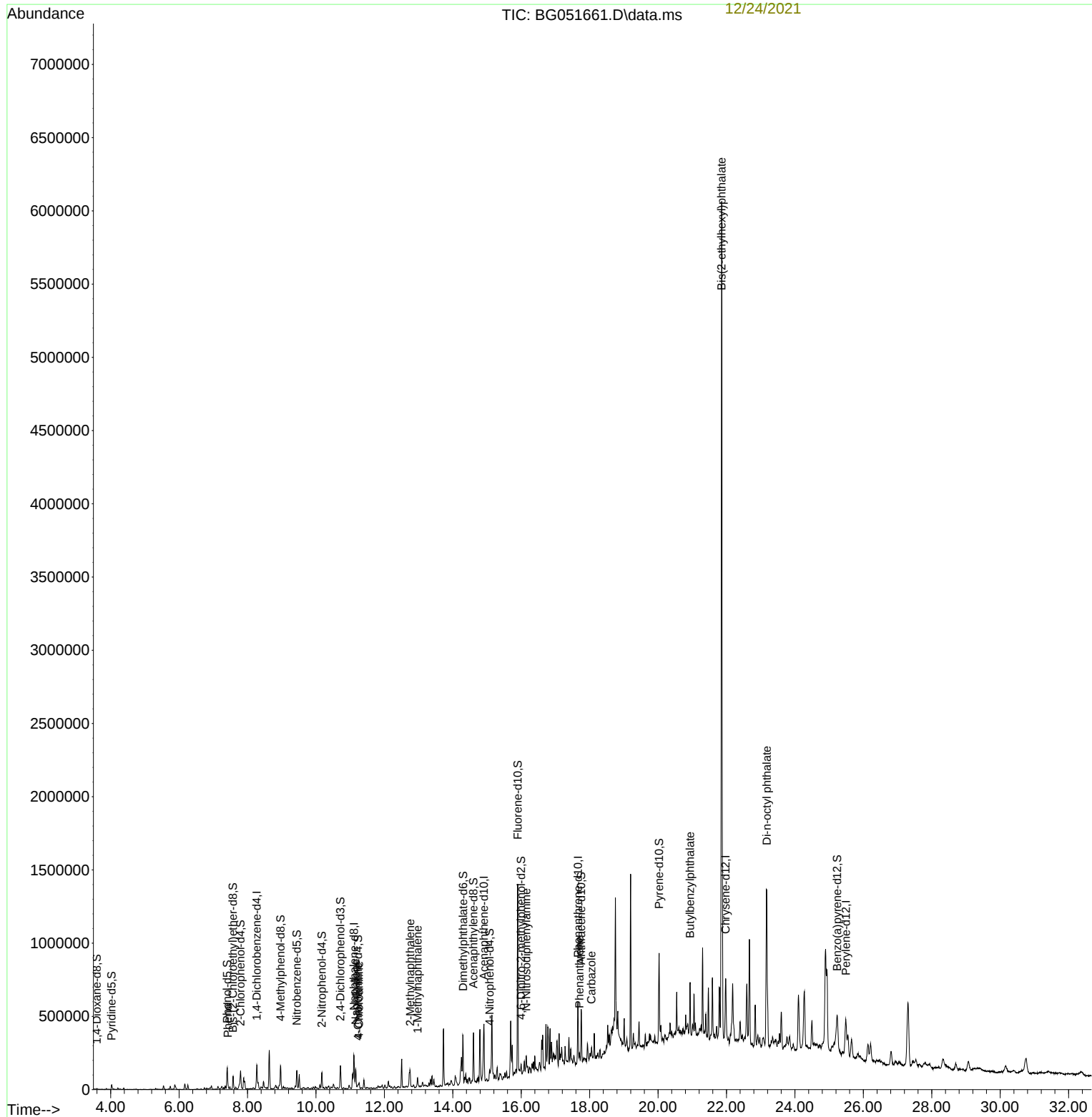
Instrument :
BNA_G
ClientSampleId :
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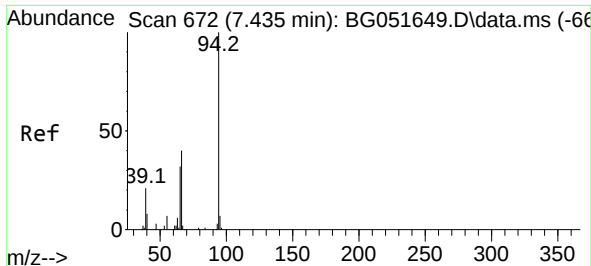
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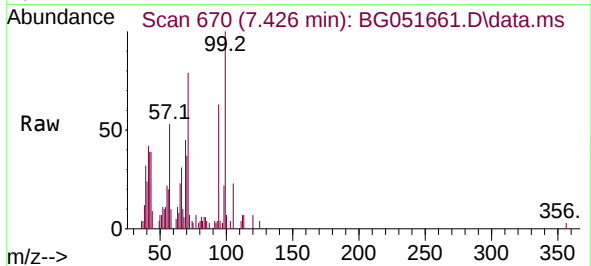
Supervised By :mohammad
ahmed
12/24/2021





#8
Phenol
Concen: 1.541 ng/ul
RT: 7.426 min Scan# 612
Delta R.T. -0.015 min
Lab File: BG051661.D
Acq: 19 Dec 2021 13:04

Instrument :
BNA_G
ClientSampleId :
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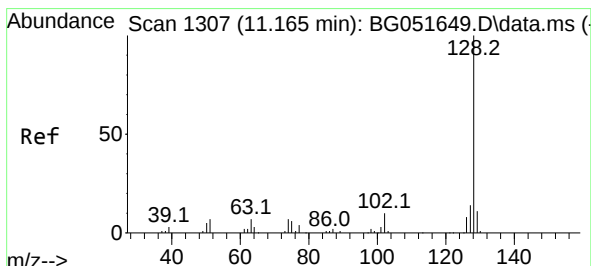
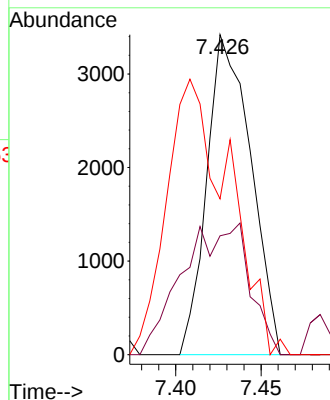


Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
65 37.1 25.1 37.7
66 48.7 31.6 47.4

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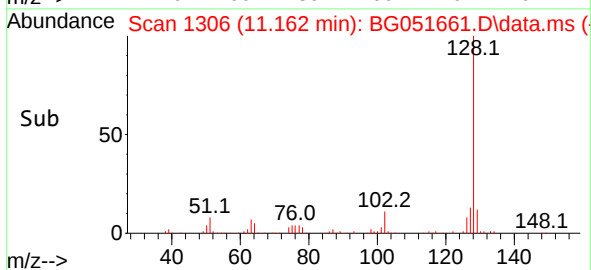
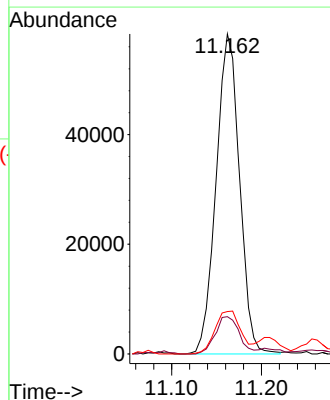
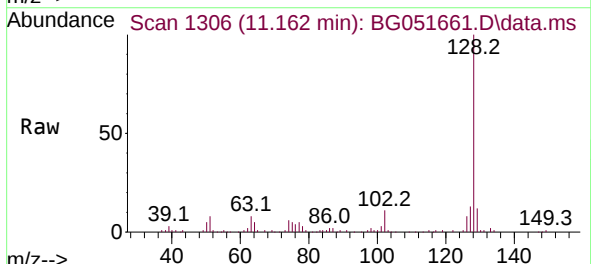
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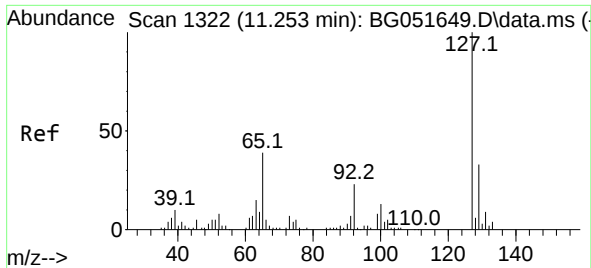
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#30
Naphthalene
Concen: 10.221 ng/ul
RT: 11.162 min Scan# 1306
Delta R.T. -0.015 min
Lab File: BG051661.D
Acq: 19 Dec 2021 13:04

Tgt Ion:128 Resp: 105584
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.2 11.8 17.6





#32
4-Chloroaniline
Concen: 1.092 ng/ul
RT: 11.256 min Scan# 1127
Delta R.T. -0.015 min
Lab File: BG051661.D
Acq: 19 Dec 2021 13:04

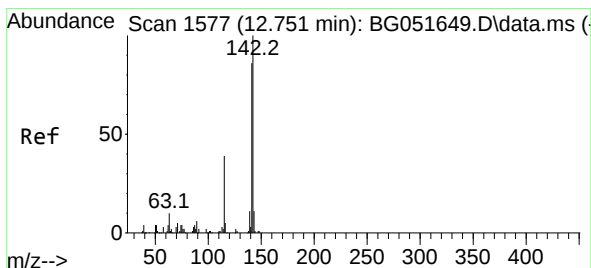
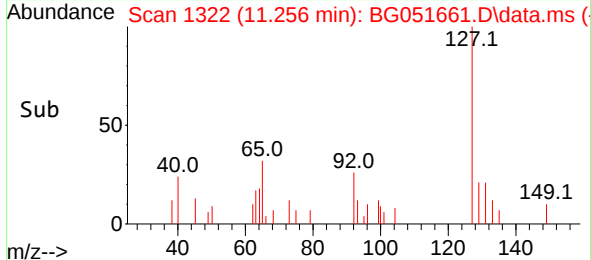
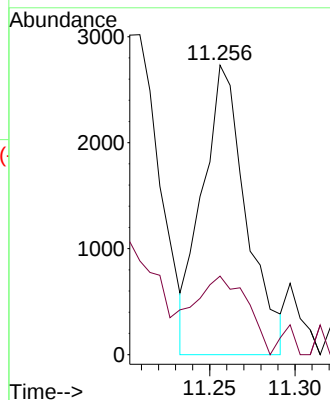
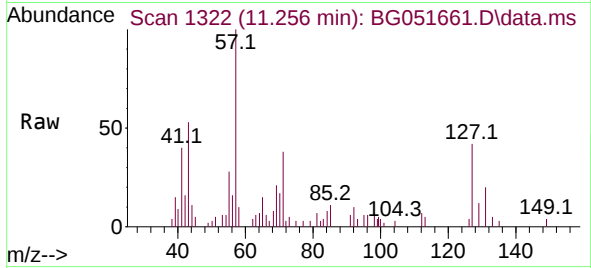
Instrument :
BNA_G
ClientSampleId :
BGL67

Tgt Ion:127 Resp: 489
Ion Ratio Lower Upper
127 100
129 27.1 26.2 39.2

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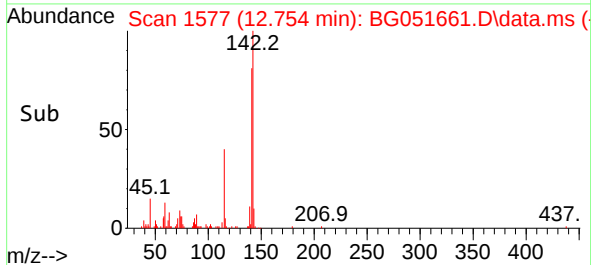
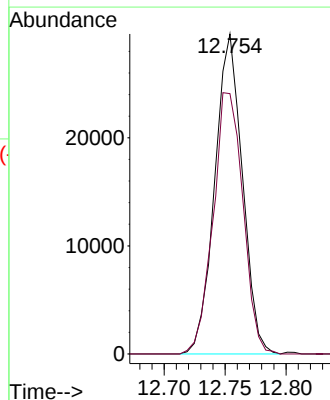
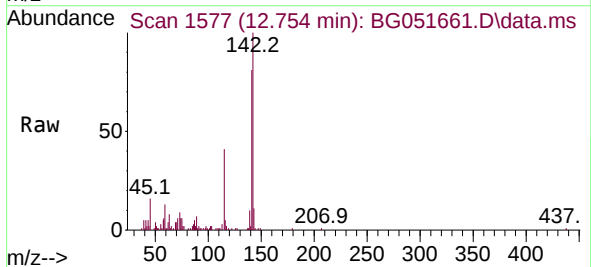
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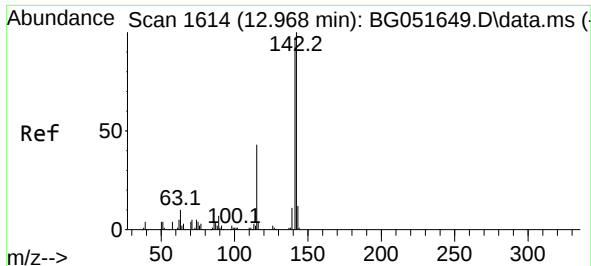
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ahmed
12/24/2021



#36
2-Methylnaphthalene
Concen: 6.330 ng/ul
RT: 12.754 min Scan# 1577
Delta R.T. -0.015 min
Lab File: BG051661.D
Acq: 19 Dec 2021 13:04

Tgt Ion:142 Resp: 46652
Ion Ratio Lower Upper
142 100
141 81.3 73.3 109.9





#37

1-Methylnaphthalene

Concen: 3.829 ng/ul

RT: 12.971 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG051661.D

Acq: 19 Dec 2021 13:04

Instrument :

BNA_G

ClientSampleId :

BGL67

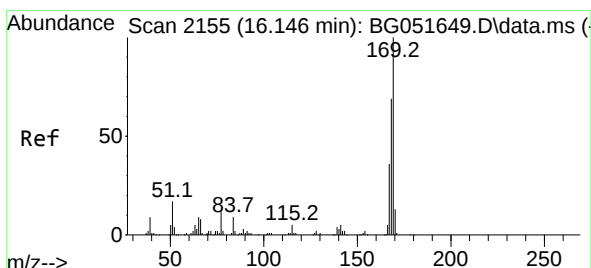
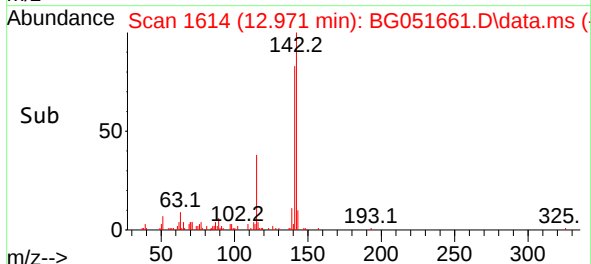
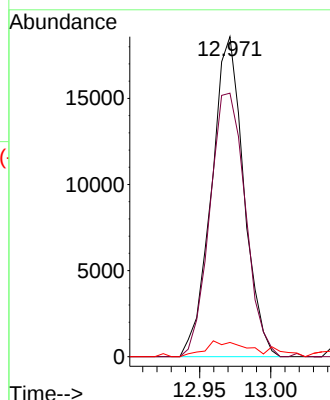
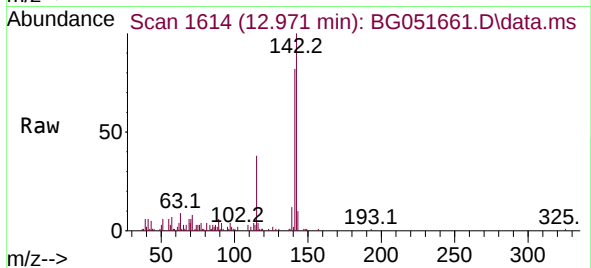
Tgt Ion:	142	Resp:	29298
Ion Ratio	Lower	Upper	
142	100		
141	82.4	77.8	116.8
116	4.4	3.3	4.9

Manual Integrations

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#67

N-Nitrosodiphenylamine

Concen: 3.746 ng/ul

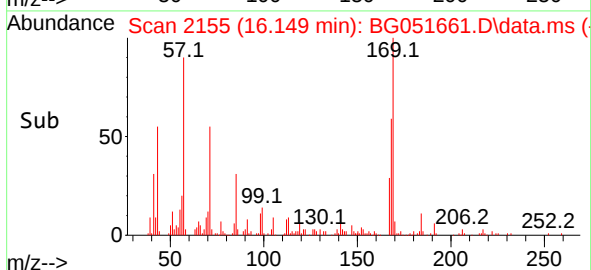
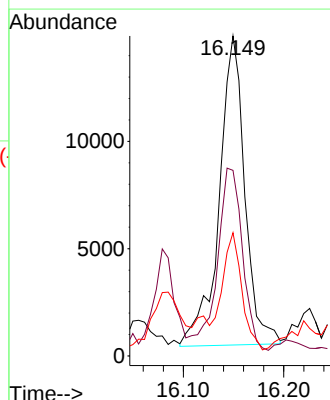
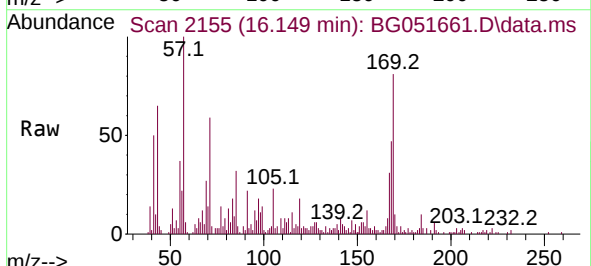
RT: 16.149 min Scan# 2155

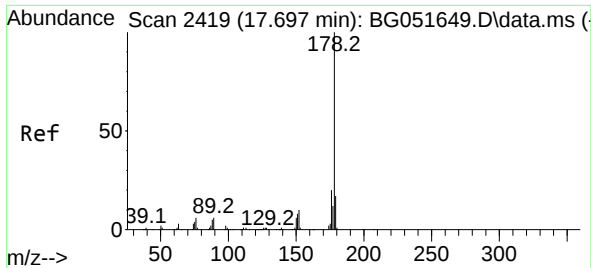
Delta R.T. -0.009 min

Lab File: BG051661.D

Acq: 19 Dec 2021 13:04

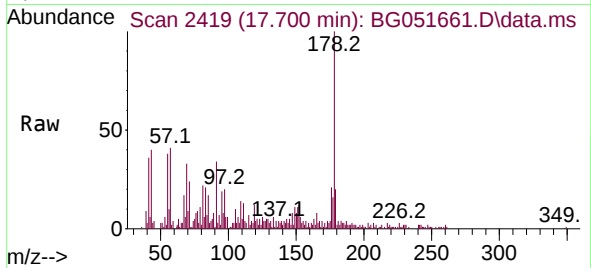
Tgt Ion:	169	Resp:	25630
Ion Ratio	Lower	Upper	
169	100		
168	58.0	58.5	87.7#
167	38.5	31.3	46.9





#72
Phenanthrene
Concen: 2.530 ng/ul
RT: 17.700 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG051661.D
Acq: 19 Dec 2021 13:04

Instrument :
BNA_G
ClientSampleId :
BGL67

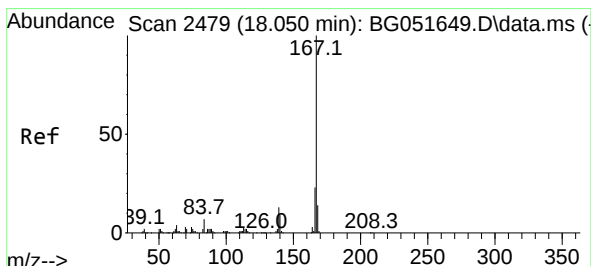
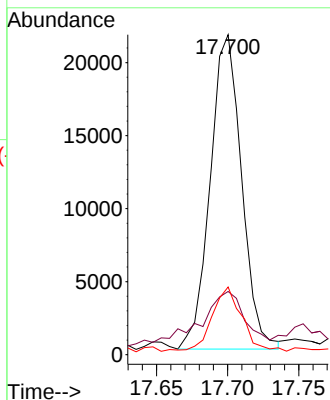
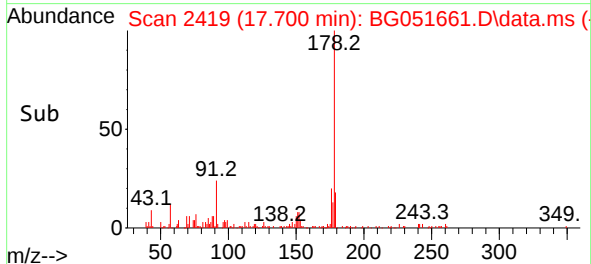


Tgt Ion:178 Resp: 33108
Ion Ratio Lower Upper
178 100
179 19.7 12.3 18.5
176 21.1 15.5 23.3

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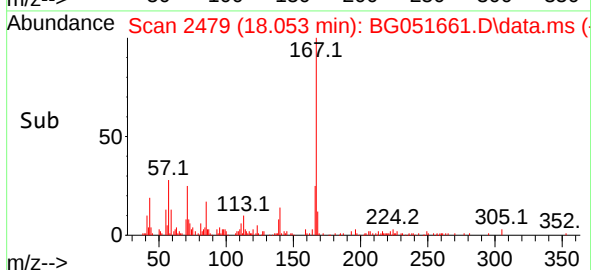
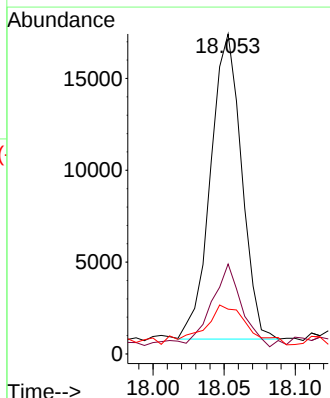
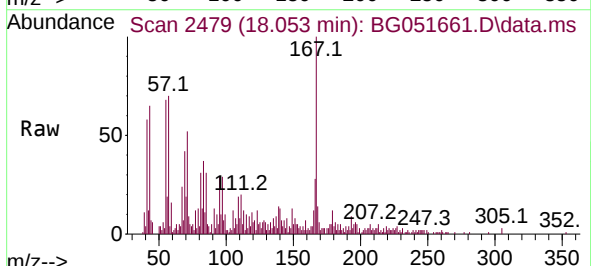
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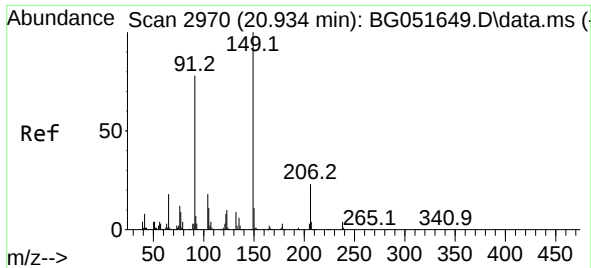
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#77
Carbazole
Concen: 2.132 ng/ul
RT: 18.053 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BG051661.D
Acq: 19 Dec 2021 13:04

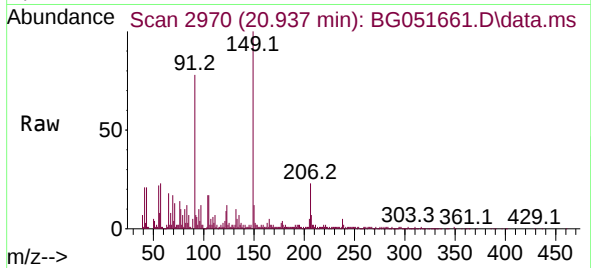
Tgt Ion:167 Resp: 25233
Ion Ratio Lower Upper
167 100
166 28.1 17.3 25.9#
139 14.0 10.6 16.0





#83
 Butylbenzylphthalate
 Concen: 19.723 ng/ul
 RT: 20.937 min Scan# 2970
 Delta R.T. -0.009 min
 Lab File: BG051661.D
 Acq: 19 Dec 2021 13:04

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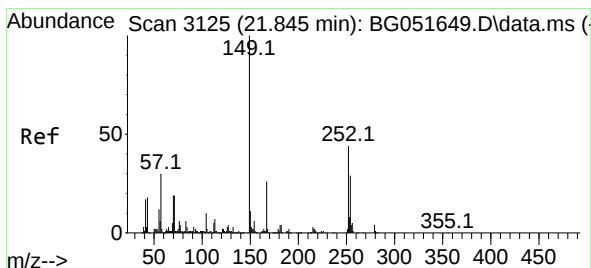
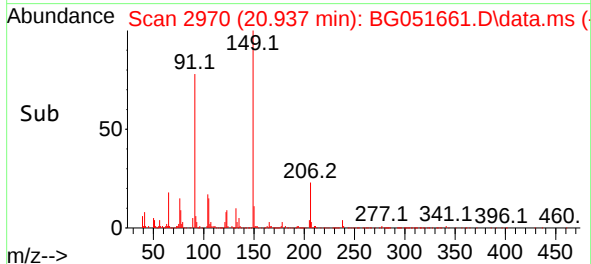
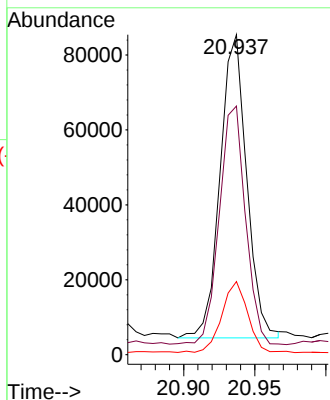


Tgt Ion:149 Resp: 105272
 Ion Ratio Lower Upper
 149 100
 91 77.7 65.2 97.8
 206 22.8 16.2 24.2

Manual Integrations
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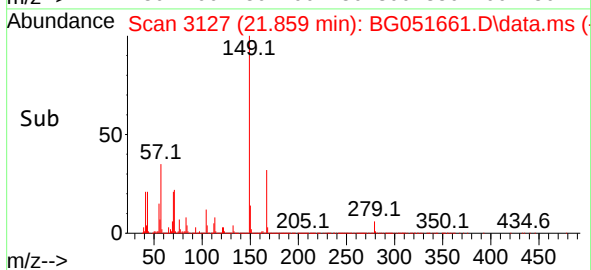
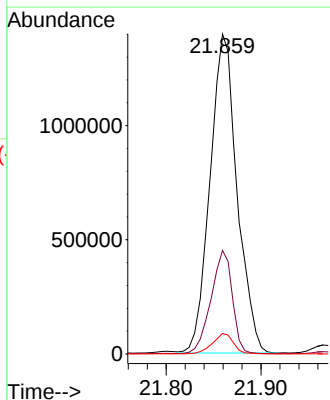
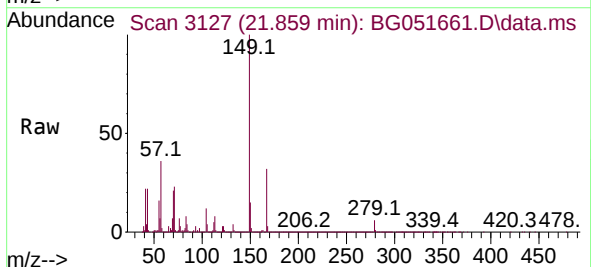
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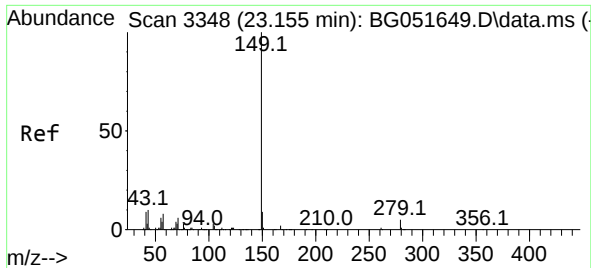
Supervised By :mohammad
 ahmed
 12/24/2021



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 370.741 ng/ul
 RT: 21.859 min Scan# 3127
 Delta R.T. -0.009 min
 Lab File: BG051661.D
 Acq: 19 Dec 2021 13:04

Tgt Ion:149 Resp: 2771893
 Ion Ratio Lower Upper
 149 100
 167 32.3 21.1 31.7#
 279 6.4 2.7 4.1#





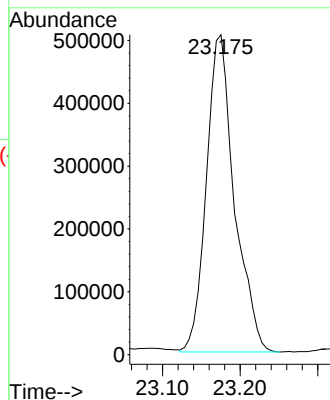
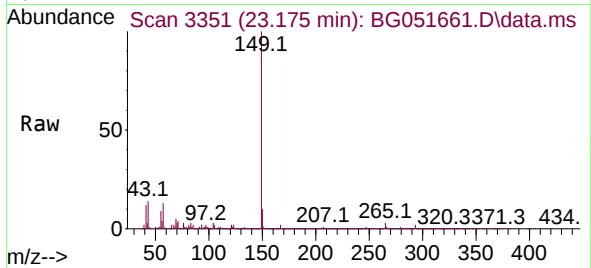
#89
Di-n-octyl phthalate
Concen: 92.797 ng/ul
RT: 23.175 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG051661.D
Acq: 19 Dec 2021 13:04

Instrument :
BNA_G
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Tgt Ion:149 Resp: 1270708

Manual Integrations
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