

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061204.D
 Acq On : 15 May 2024 13:37
 Operator : MA/JU
 Sample : P2444-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-DD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 14:12:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	21100	20.000	ng	-0.04
21) Naphthalene-d8	10.721	136	83373	20.000	ng	-0.04
39) Acenaphthene-d10	14.558	164	63390	20.000	ng	-0.03
64) Phenanthrene-d10	17.308	188	155470	20.000	ng	-0.02
76) Chrysene-d12	21.562	240	161090	20.000	ng	-0.03
86) Perylene-d12	24.687	264	195498m	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	149529	144.124	ng	-0.02
7) Phenol-d6	7.108	99	186927	121.793	ng	-0.02
23) Nitrobenzene-d5	9.088	82	161697	96.142	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	168736	133.172	ng	-0.02
45) 2-Fluorobiphenyl	13.177	172	432953	100.996	ng	-0.03
79) Terphenyl-d14	19.928	244	912836	94.244	ng	-0.02
Target Compounds						Qvalue
3) Pyridine	3.841	79	35131	28.460	ng	92
4) n-Nitrosodimethylamine	3.741	42	8198	6.912	ng	# 96
6) Aniline	7.255	93	24400	16.037	ng	93
15) Benzyl Alcohol	8.171	79	5531	3.995	ng	98
33) 4-Chloroaniline	10.880	127	17215	9.962	ng	96
35) Caprolactam	11.626	113	4337	8.552	ng	98
53) 3-Nitroaniline	14.464	138	8408m	8.774	ng	
77) Benzidine	19.540	184	38686	14.681	ng	96

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

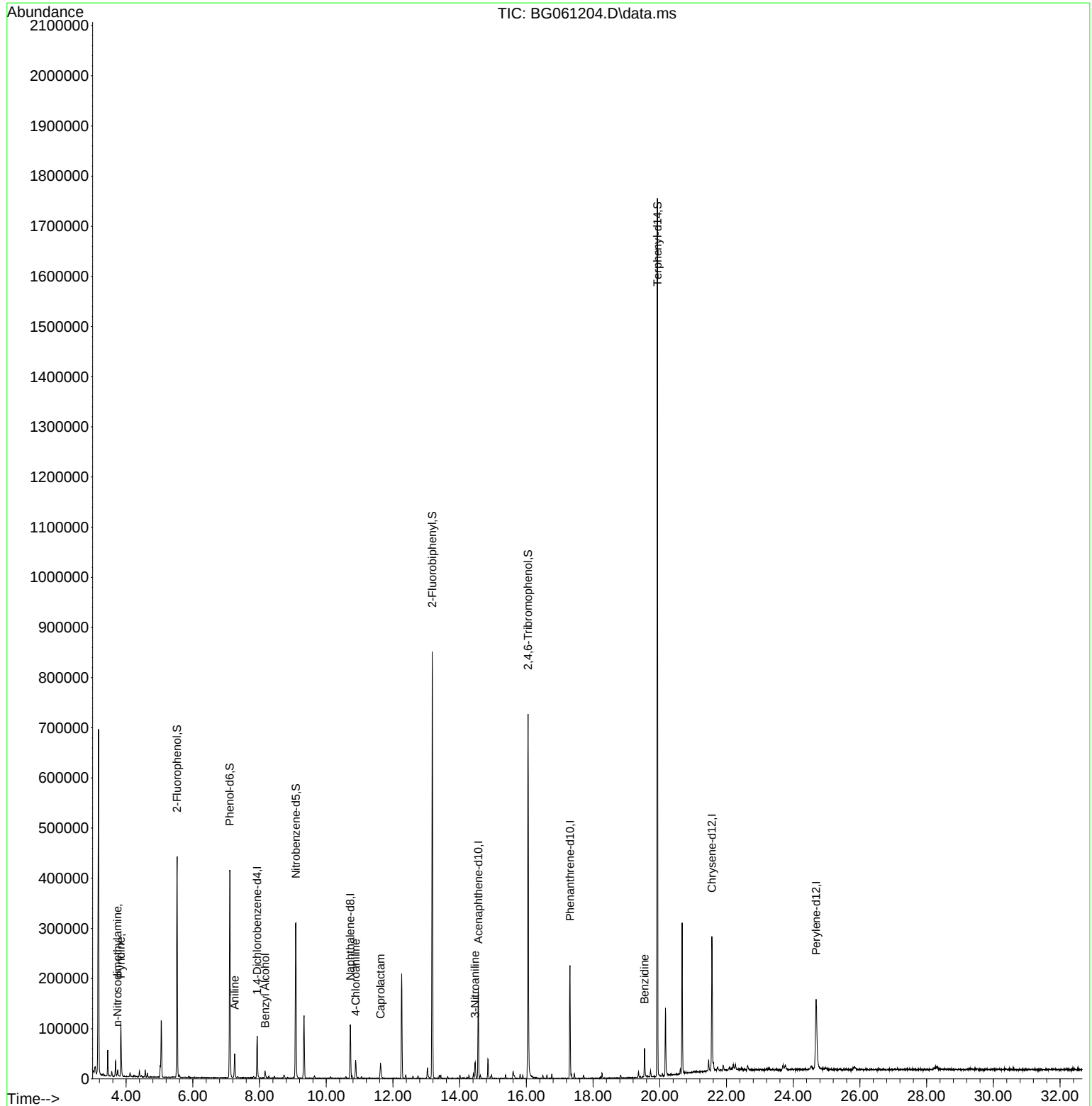
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061204.D
Acq On : 15 May 2024 13:37
Operator : MA/JU
Sample : P2444-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

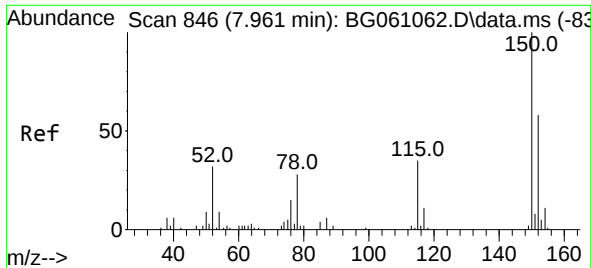
Instrument :
BNA_G
ClientSampleId :
WC-DD

Quant Time: May 15 14:12:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

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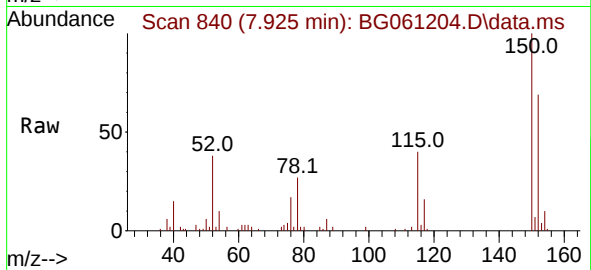
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 84
Delta R.T. -0.036 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :

BNA_G

ClientSampleId :

WC-DD

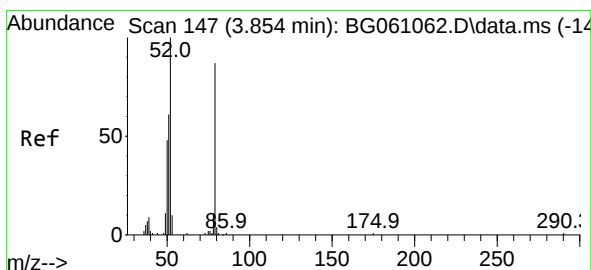
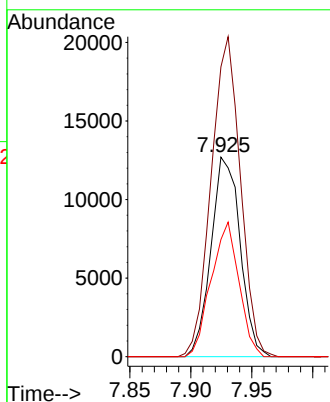
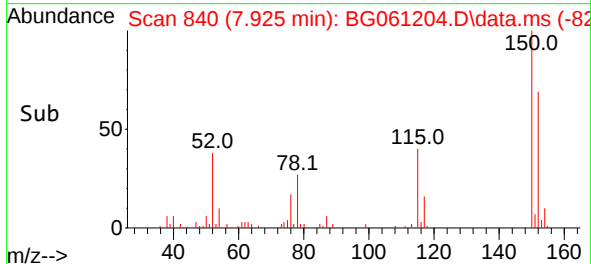


Tgt Ion:152 Resp: 21100
Ion Ratio Lower Upper
152 100
150 145.2 138.3 207.5
115 58.6 48.0 72.0

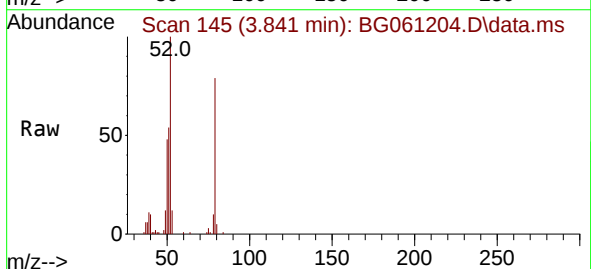
Manual Integrations

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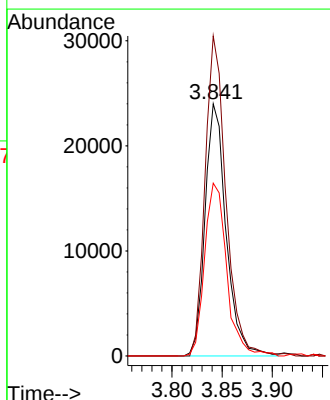
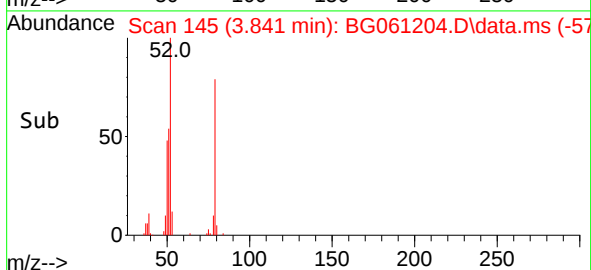
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Supervised By :mohammad ahmed 05/17/2024

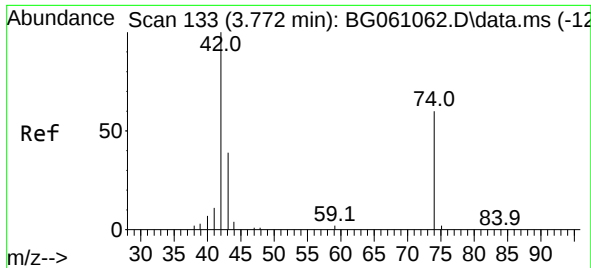


#3
Pyridine
Concen: 28.460 ng
RT: 3.841 min Scan# 145
Delta R.T. -0.013 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37



Tgt Ion: 79 Resp: 35131
Ion Ratio Lower Upper
79 100
52 126.9 91.6 137.4
51 68.5 57.0 85.4





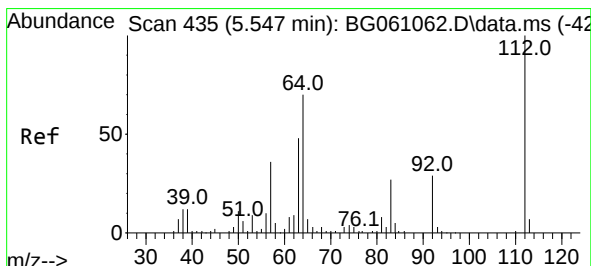
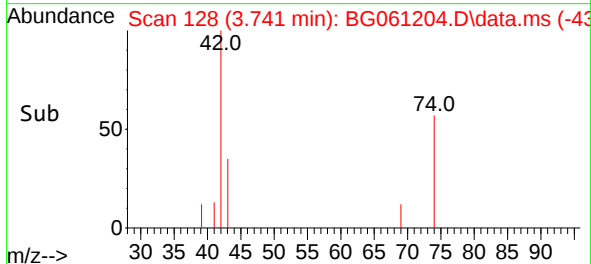
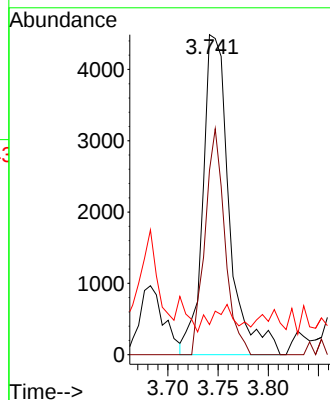
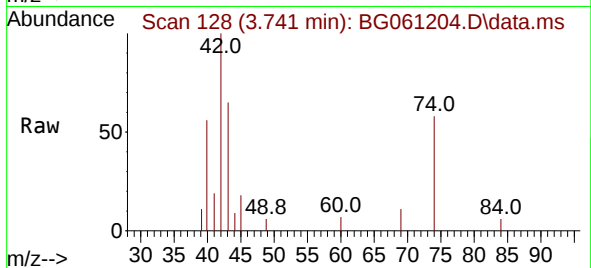
#4
n-Nitrosodimethylamine
Concen: 6.912 ng
RT: 3.741 min Scan# 11
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion: 42 Resp: 819
Ion Ratio Lower Upper
42 100
74 57.6 47.8 71.8
44 9.4 4.7 7.1

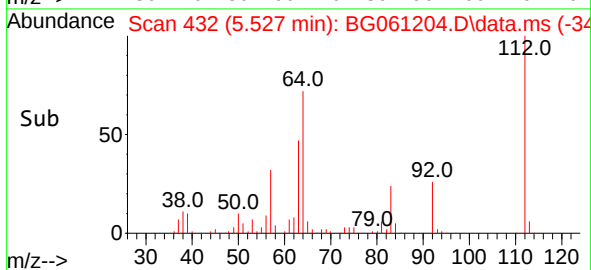
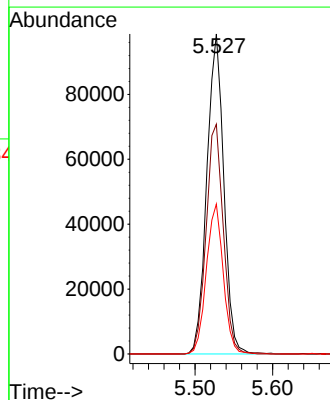
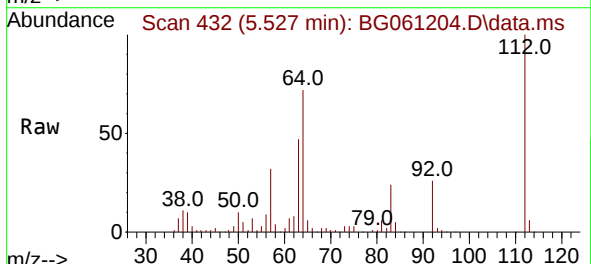
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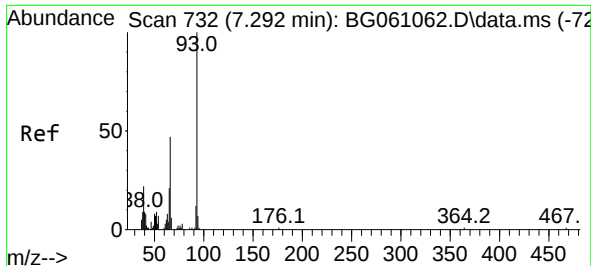
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#5
2-Fluorophenol
Concen: 144.124 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.019 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:112 Resp: 149529
Ion Ratio Lower Upper
112 100
64 71.8 55.7 83.5
63 46.8 38.1 57.1





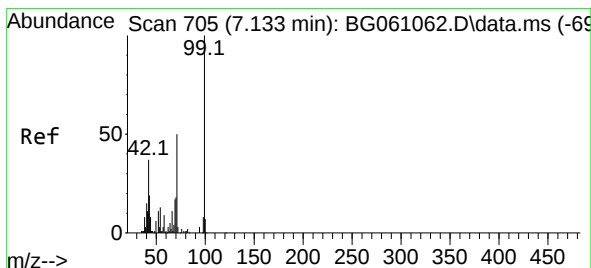
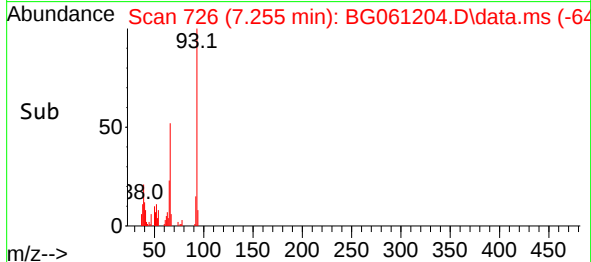
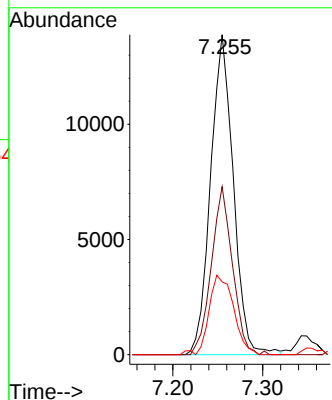
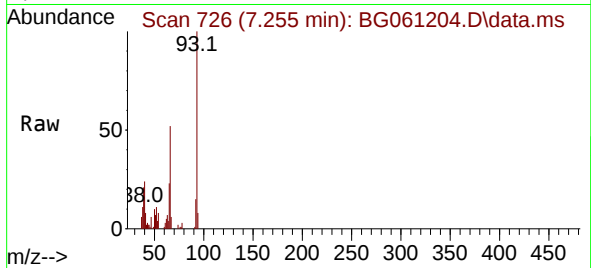
#6
Aniline
Concen: 16.037 ng
RT: 7.255 min Scan# 701
Delta R.T. -0.037 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion: 93 Resp: 24400
Ion Ratio Lower Upper
93 100
66 52.5 37.4 56.0
65 22.7 16.6 24.8

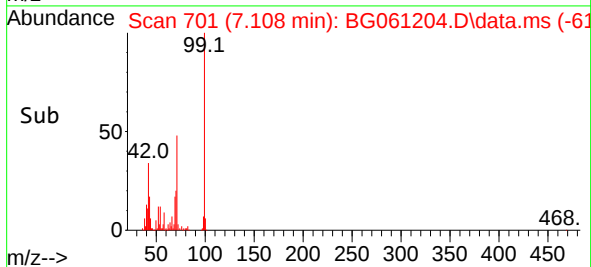
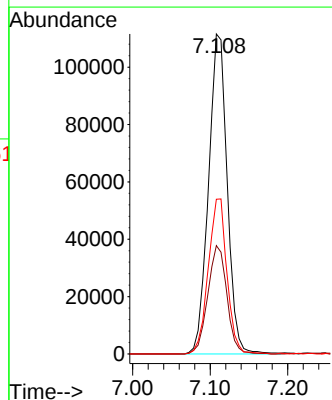
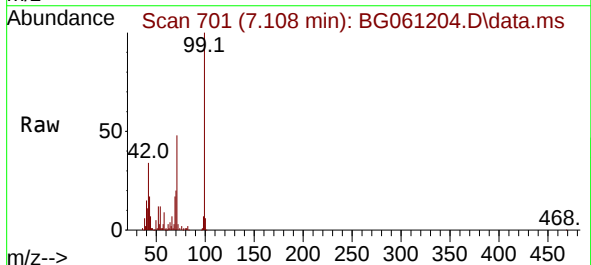
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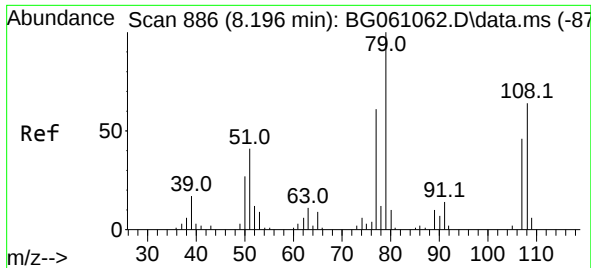
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#7
Phenol-d6
Concen: 121.793 ng
RT: 7.108 min Scan# 701
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion: 99 Resp: 186927
Ion Ratio Lower Upper
99 100
42 33.9 29.2 43.8
71 48.4 39.7 59.5





#15
Benzyl Alcohol
Concen: 3.995 ng
RT: 8.171 min Scan# 81
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :

BNA_G

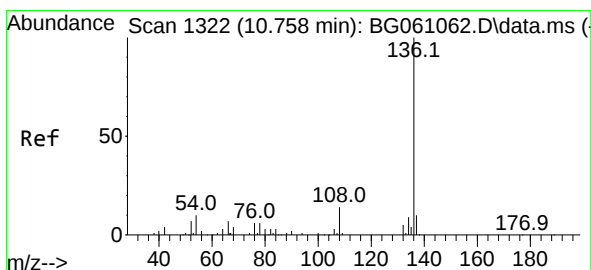
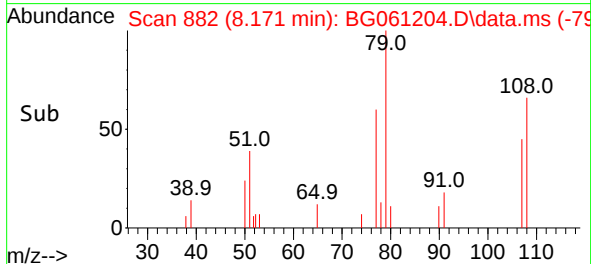
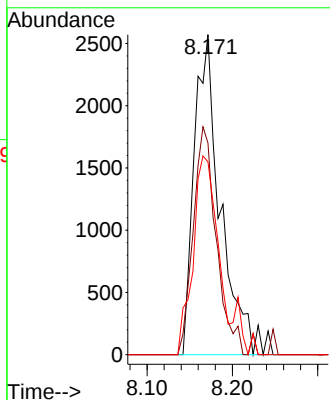
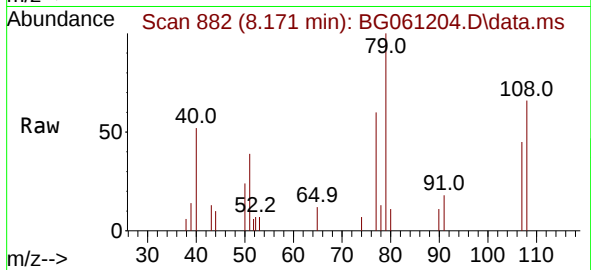
ClientSampleId :

WC-DD

Tgt Ion: 79 Resp: 553
Ion Ratio Lower Upper
79 100
108 66.2 51.1 76.7
77 60.2 49.0 73.6

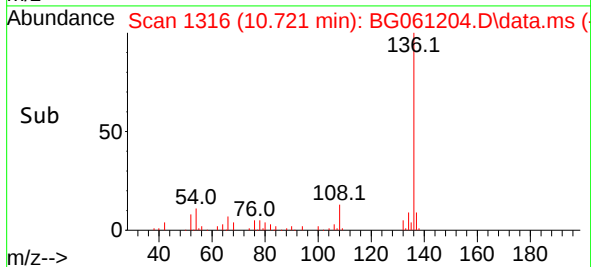
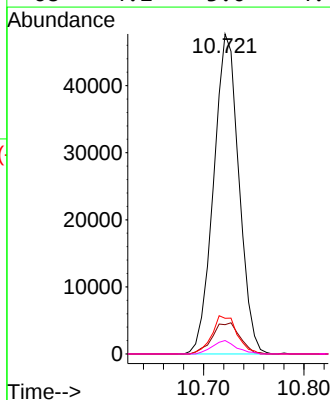
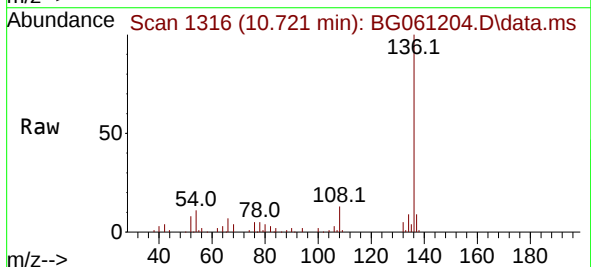
Manual Integrations
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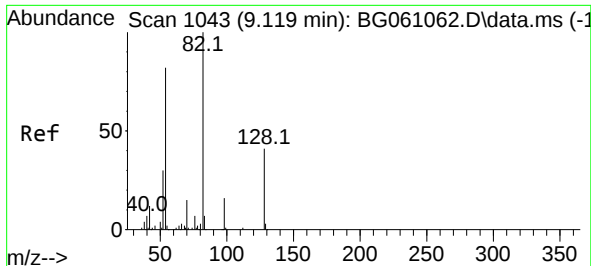
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1316
Delta R.T. -0.037 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

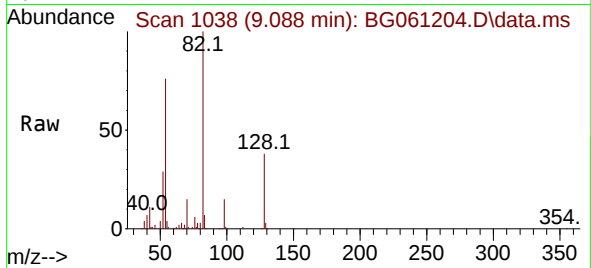
Tgt Ion:136 Resp: 83373
Ion Ratio Lower Upper
136 100
137 9.2 7.8 11.6
54 11.2 8.1 12.1
68 4.2 3.0 4.4





#23
Nitrobenzene-d5
Concen: 96.142 ng
RT: 9.088 min Scan# 1038
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

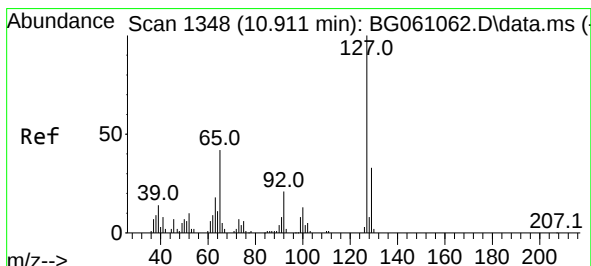
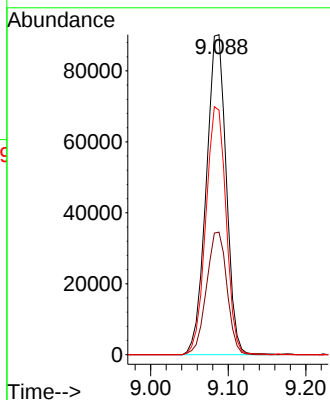
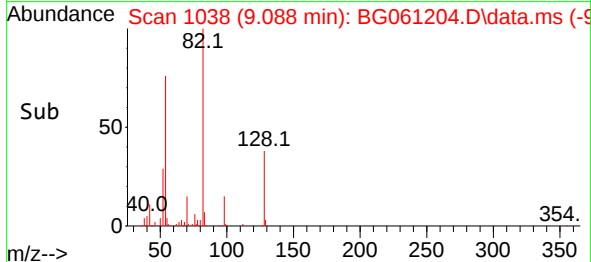
Instrument :
BNA_G
ClientSampleId :
WC-DD



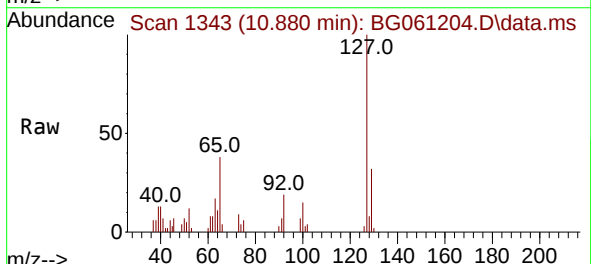
Tgt Ion: 82 Resp: 16169
Ion Ratio Lower Upper
82 100
128 38.3 32.7 49.1
54 76.4 65.6 98.4

Manual Integrations
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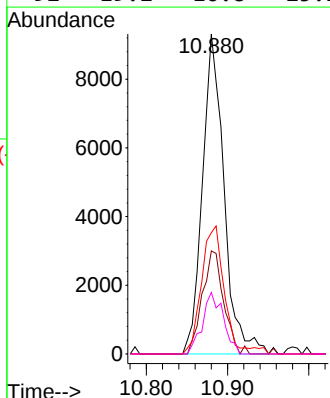
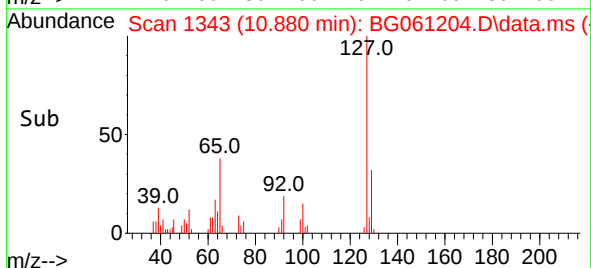
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Supervised By :mohammad ahmed 05/17/2024

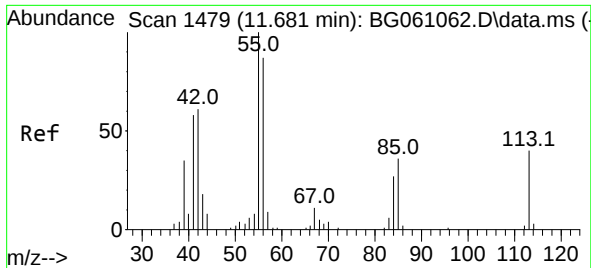


#33
4-Chloroaniline
Concen: 9.962 ng
RT: 10.880 min Scan# 1343
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37



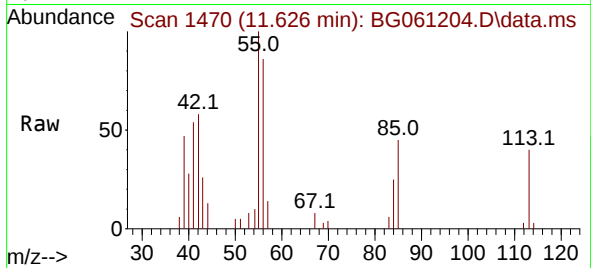
Tgt Ion:127 Resp: 17215
Ion Ratio Lower Upper
127 100
129 32.2 26.6 39.8
65 37.9 33.6 50.4
92 19.2 16.8 25.2





#35
Caprolactam
Concen: 8.552 ng
RT: 11.626 min Scan# 1479
Delta R.T. -0.054 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

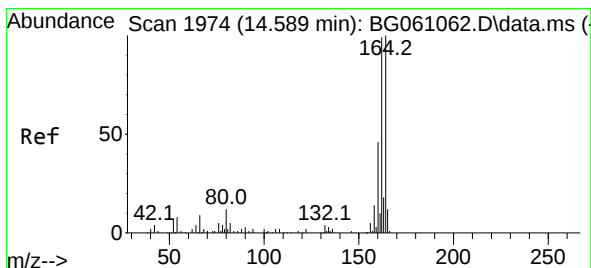
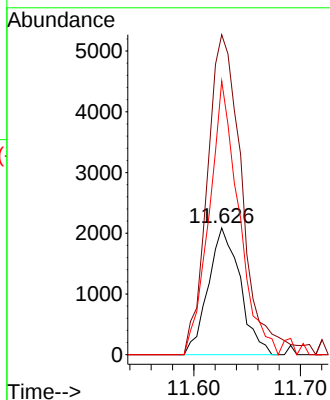
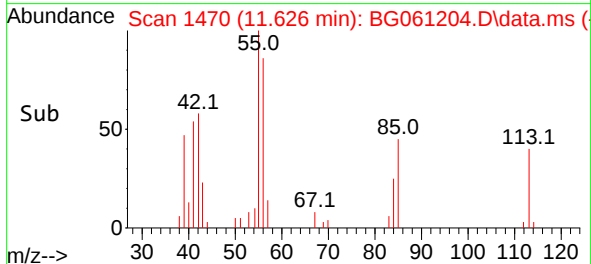
Instrument :
BNA_G
ClientSampleId :
WC-DD



Tgt Ion:113 Resp: 433
Ion Ratio Lower Upper
113 100
55 252.4 227.6 267.6
56 215.9 195.1 235.1

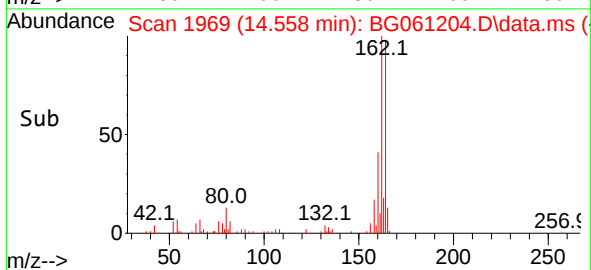
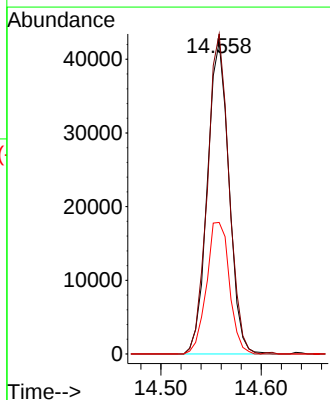
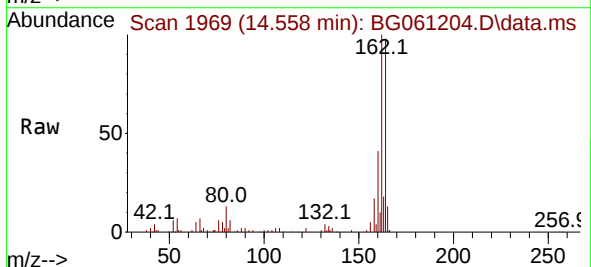
Manual Integrations
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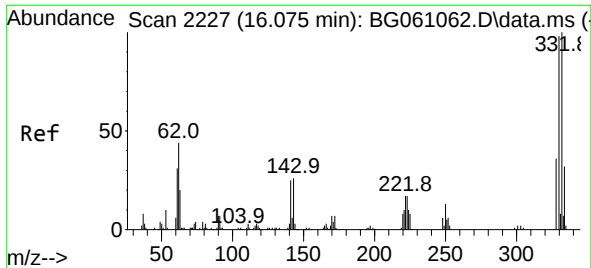
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1969
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:164 Resp: 63390
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.2
160 42.2 37.0 55.6





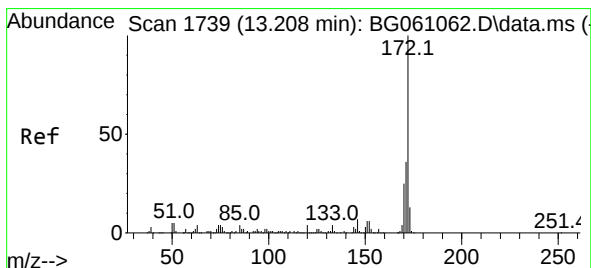
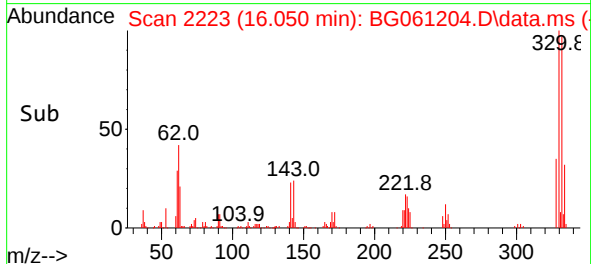
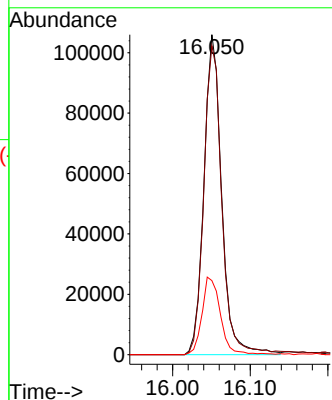
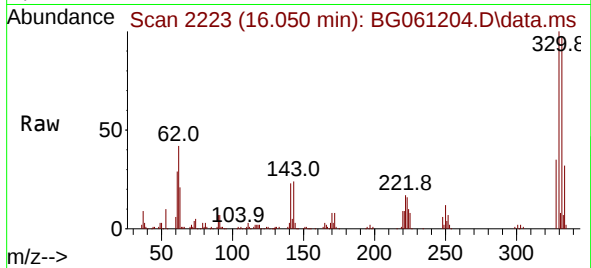
#42
2,4,6-Tribromophenol
Concen: 133.172 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:330 Resp: 168730
Ion Ratio Lower Upper
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332 99.4 78.6 117.8
141 25.2 20.5 30.7

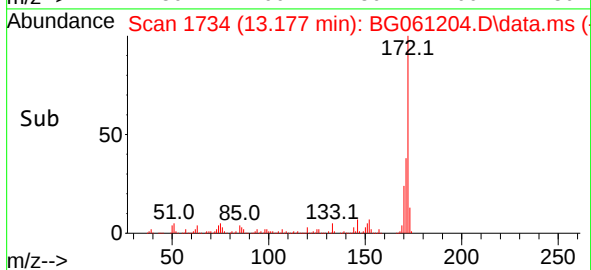
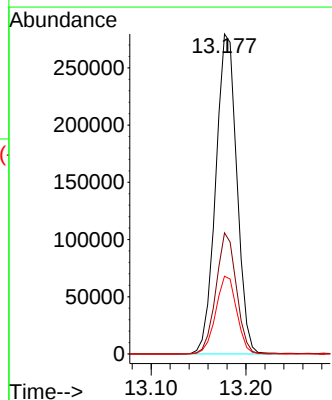
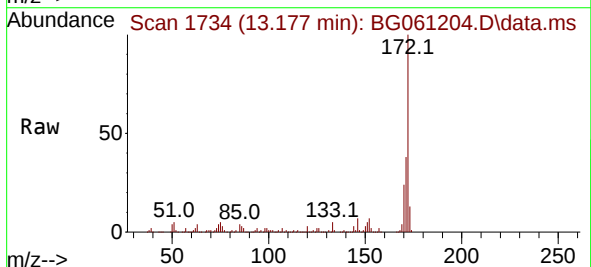
Manual Integrations
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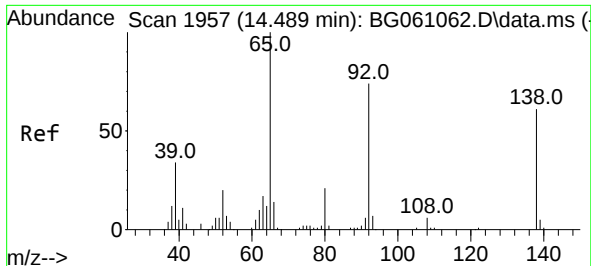
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#45
2-Fluorobiphenyl
Concen: 100.996 ng
RT: 13.177 min Scan# 1734
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

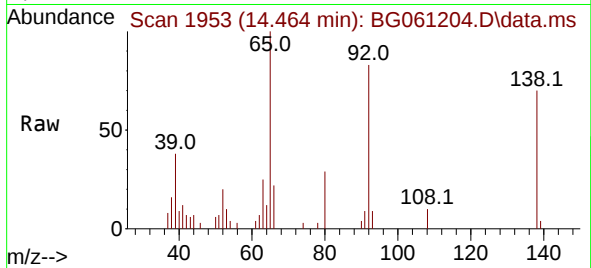
Tgt Ion:172 Resp: 432953
Ion Ratio Lower Upper
172 100
171 37.9 29.0 43.6
170 24.3 20.2 30.4





#53
3-Nitroaniline
Concen: 8.774 ng m
RT: 14.464 min Scan# 1953
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

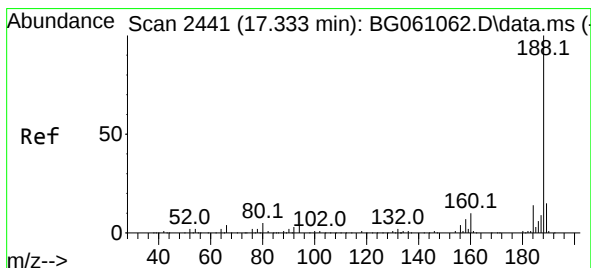
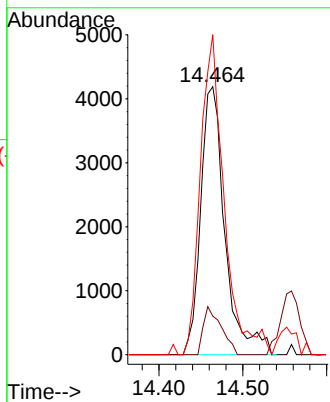
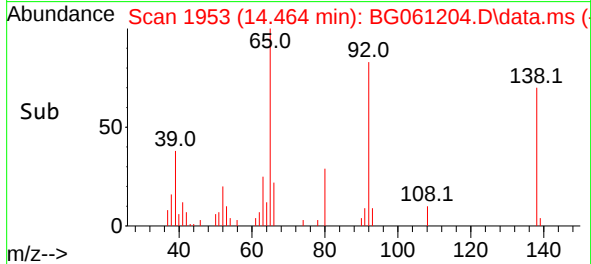
Instrument :
BNA_G
ClientSampleId :
WC-DD



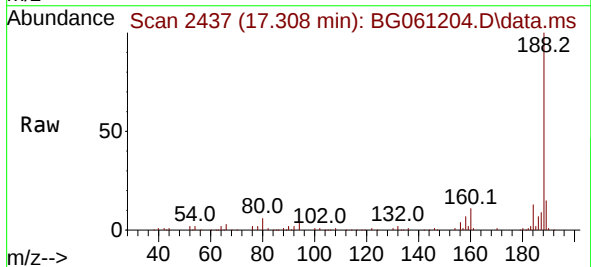
Tgt Ion:138 Resp: 8408
Ion Ratio Lower Upper
138 100
108 14.4 8.2 12.2
92 119.4 98.0 147.0

Manual Integrations
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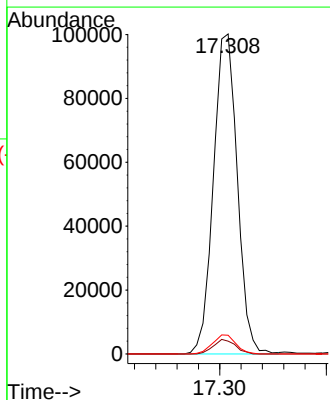
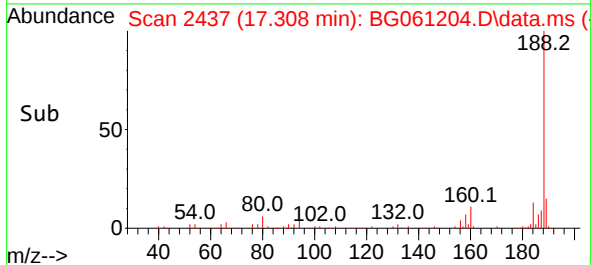
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

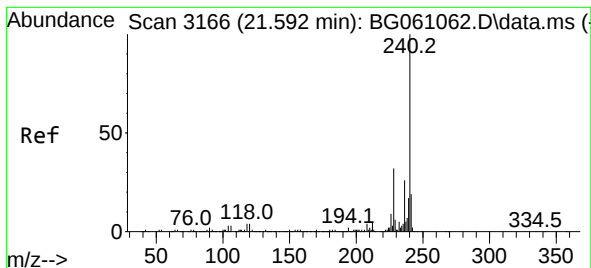


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2437
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37



Tgt Ion:188 Resp: 155470
Ion Ratio Lower Upper
188 100
94 4.0 3.6 5.4
80 5.9 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3166

Delta R.T. -0.031 min

Lab File: BG061204.D

Acq: 15 May 2024 13:37

Instrument :

BNA_G

ClientSampleId :

WC-DD

Tgt Ion:240 Resp: 161090

Ion Ratio Lower Upper

240 100

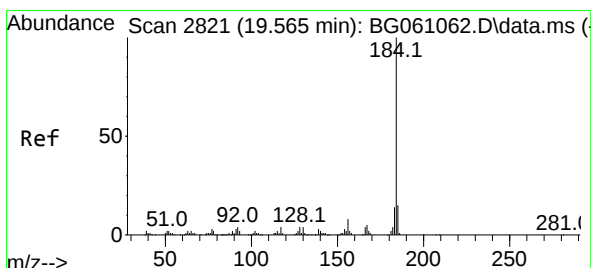
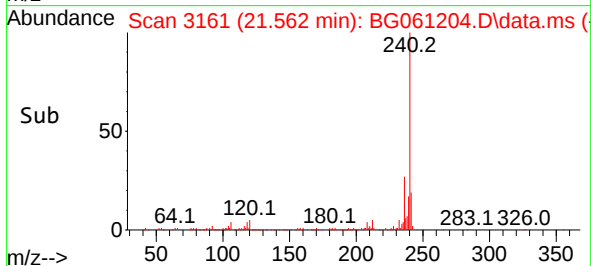
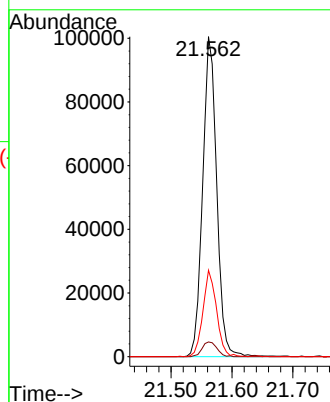
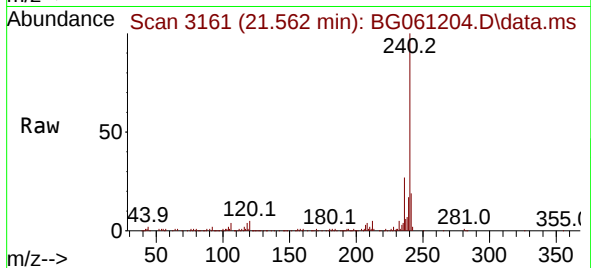
120 4.6 3.2 4.8

236 27.0 21.0 31.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#77

Benidine

Concen: 14.681 ng

RT: 19.540 min Scan# 2817

Delta R.T. -0.025 min

Lab File: BG061204.D

Acq: 15 May 2024 13:37

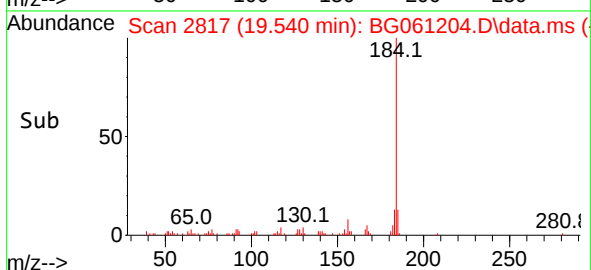
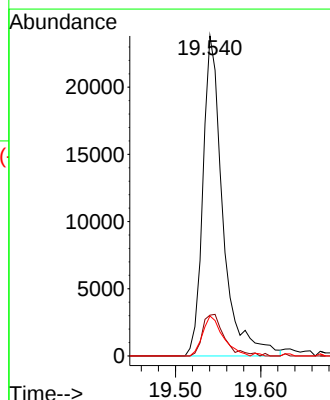
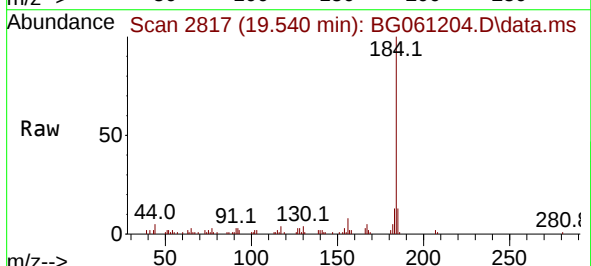
Tgt Ion:184 Resp: 38686

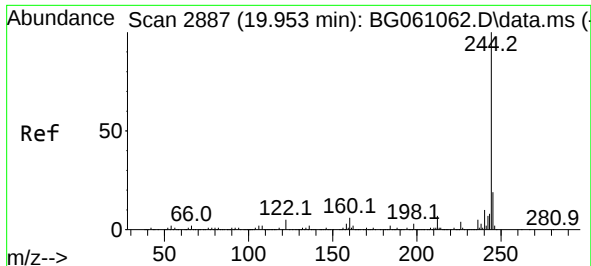
Ion Ratio Lower Upper

184 100

185 12.8 12.0 18.0

183 12.5 10.9 16.3





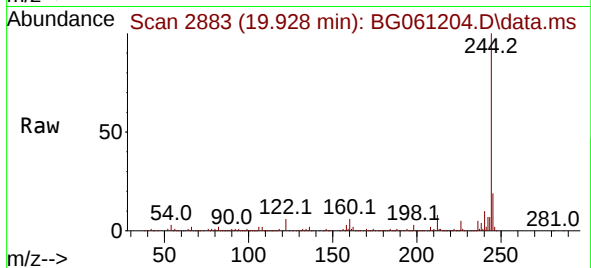
#79
 Terphenyl-d14
 Concen: 94.244 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.025 min
 Lab File: BG061204.D
 Acq: 15 May 2024 13:37

Instrument :

BNA_G

ClientSampleId :

WC-DD

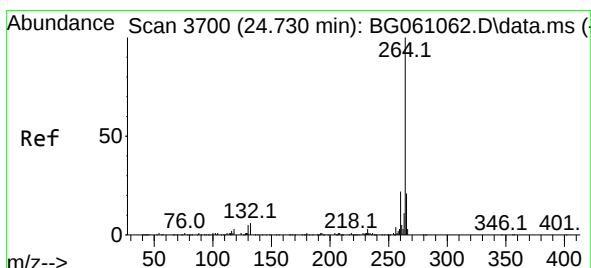
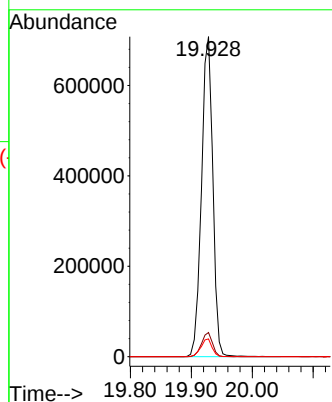
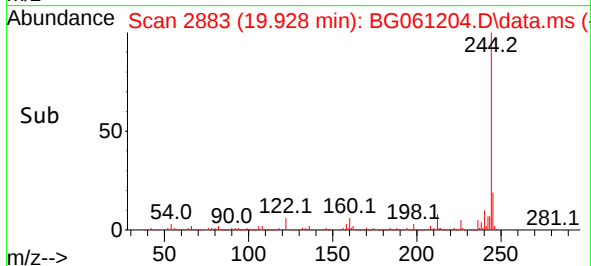


Tgt Ion:244 Resp: 912830
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.6 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024



#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 24.687 min Scan# 3693
 Delta R.T. -0.043 min
 Lab File: BG061204.D
 Acq: 15 May 2024 13:37

Tgt Ion:264 Resp: 195498
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.7 26.5
 265 20.4 16.4 24.6

