

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
 Data File : BG061093.D
 Acq On : 2 May 2024 14:43
 Operator : MA/JU
 Sample : P2284-01DL 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 02 17:05:22 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	7.937	152	29041	20.000	ng	-0.02
21) Naphthalene-d8	10.734	136	107565	20.000	ng	#-0.02
39) Acenaphthene-d10	14.571	164	80178	20.000	ng	-0.02
64) Phenanthrene-d10	17.314	188	166010	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	168753	20.000	ng	-0.02
86) Perylene-d12	24.700	264	166478	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1935	1.355	ng	-0.01
7) Phenol-d6	7.103	99	1896	0.898	ng	-0.03
23) Nitrobenzene-d5	9.095	82	5335	2.459	ng	-0.02
42) 2,4,6-Tribromophenol	16.057	330	3788	2.364	ng	-0.02
45) 2-Fluorobiphenyl	13.190	172	11274	2.079	ng	-0.02
79) Terphenyl-d14	19.929	244	19284	1.901	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.787	128	15232	2.725	ng	# 74
37) 2-Methylnaphthalene	12.391	142	96770	23.100	ng	94
38) 1-Methylnaphthalene	12.614	142	73151	17.345	ng	92
52) Acenaphthene	14.629	154	10496	2.661	ng	# 87
58) Fluorene	15.616	166	22619m	3.924	ng	
71) Phenanthrene	17.356	178	79701	10.500	ng	# 96
78) Pyrene	19.729	202	34382m	3.205	ng	

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

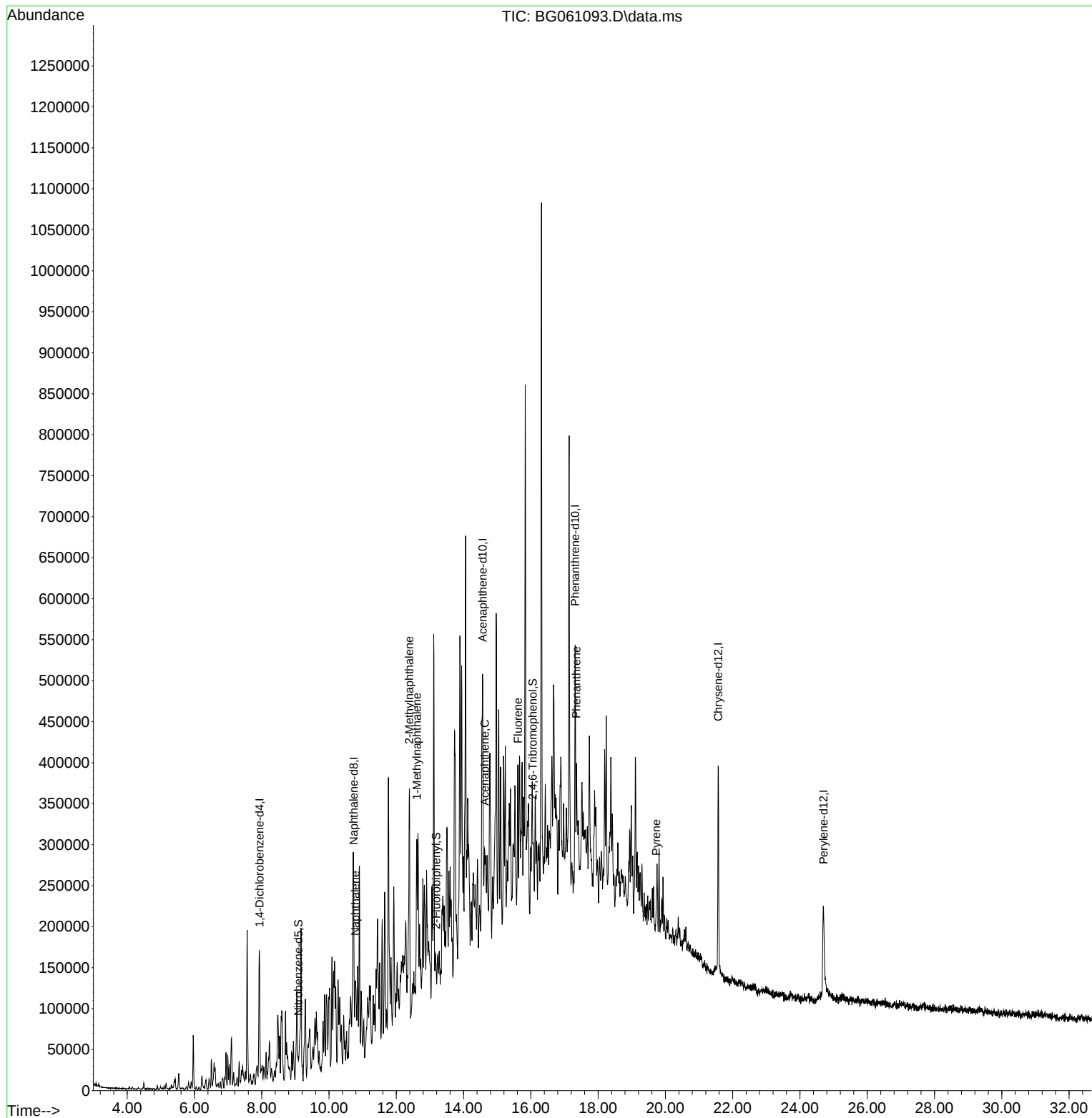
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061093.D
Acq On : 2 May 2024 14:43
Operator : MA/JU
Sample : P2284-01DL 50X
Misc :
ALS Vial : 9 Sample Multiplier: 1

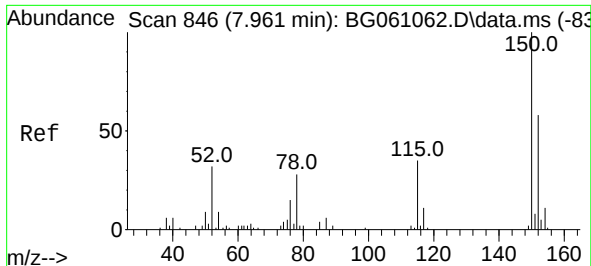
Instrument :
BNA_G
ClientSampleId :
MW-1DL

Manual Integrations
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Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024

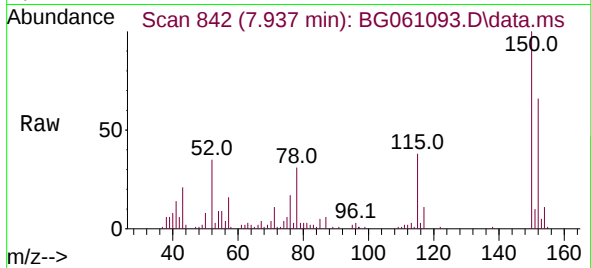
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 846
Delta R.T. -0.024 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

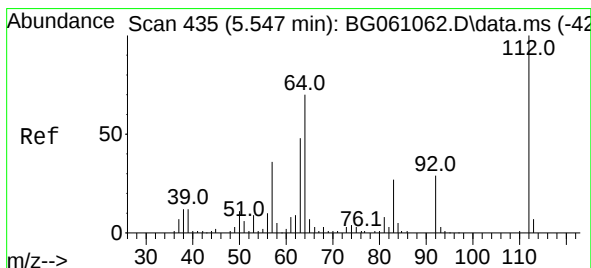
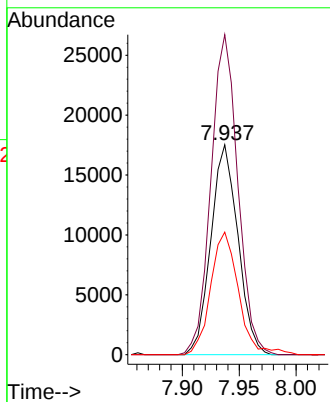
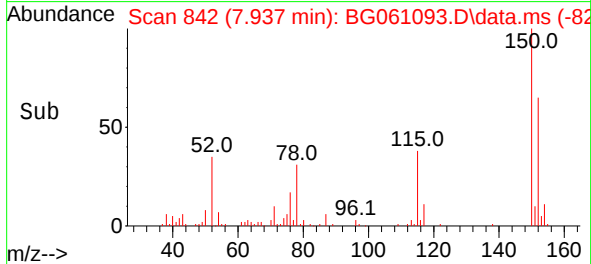
Instrument :
BNA_G
ClientSampleId :
MW-1DL



Tgt Ion:152 Resp: 2904
Ion Ratio Lower Upper
152 100
150 152.4 138.3 207.5
115 58.4 48.0 72.0

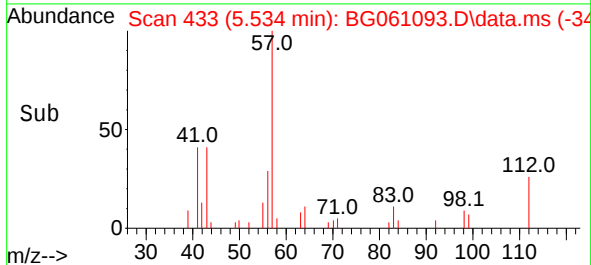
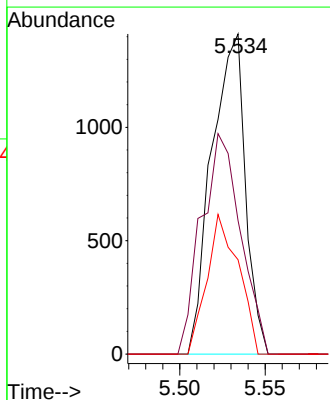
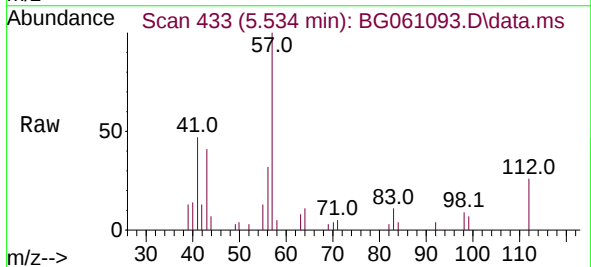
Manual Integrations
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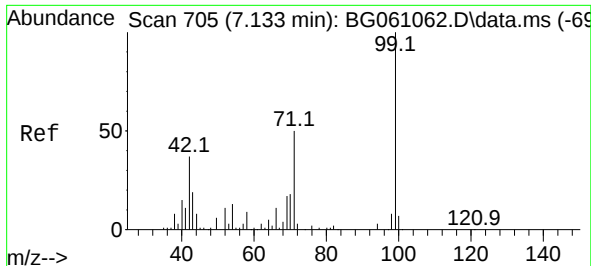
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#5
2-Fluorophenol
Concen: 1.355 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.012 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

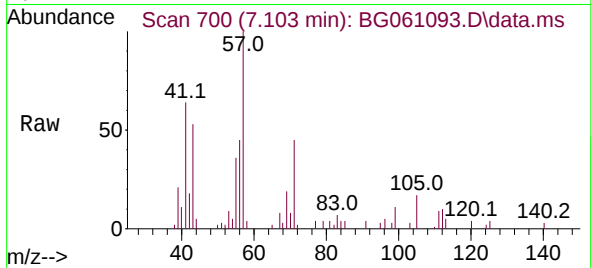
Tgt Ion:112 Resp: 1935
Ion Ratio Lower Upper
112 100
64 41.7 55.7 83.5#
63 29.5 38.1 57.1#





#7
Phenol-d6
Concen: 0.898 ng
RT: 7.103 min Scan# 7103
Delta R.T. -0.030 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

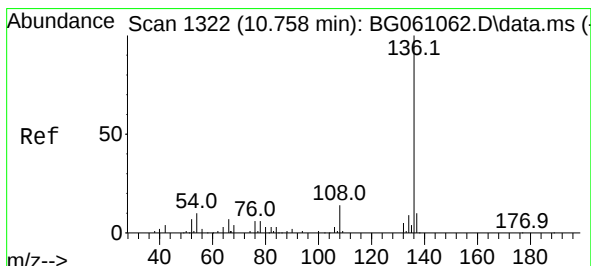
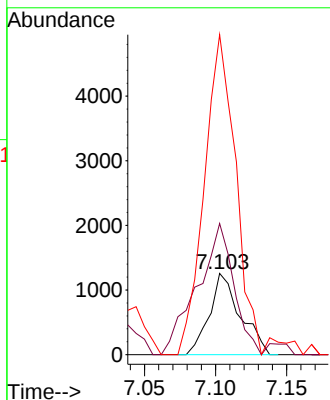
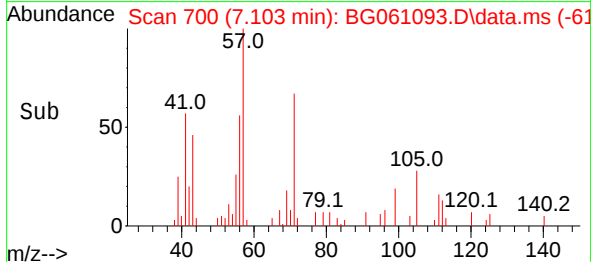
Instrument :
BNA_G
ClientSampleId :
MW-1DL



Tgt Ion: 99 Resp: 1890
Ion Ratio Lower Upper
99 100
42 161.4 29.2 43.8#
71 394.0 39.7 59.5#

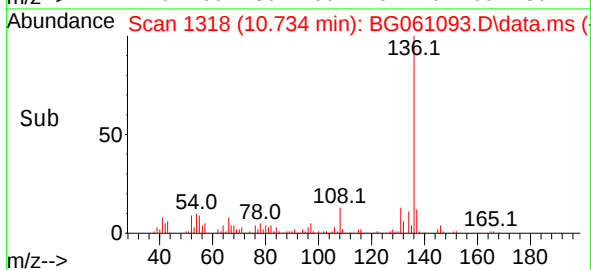
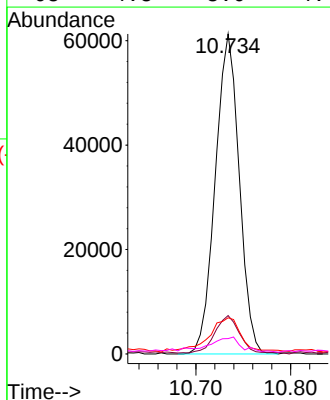
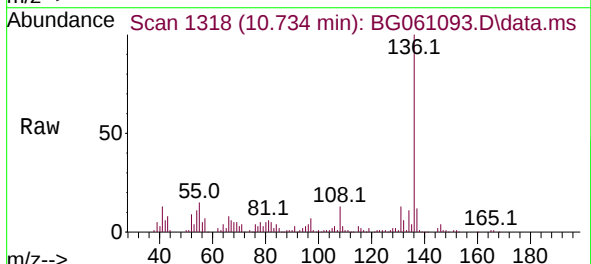
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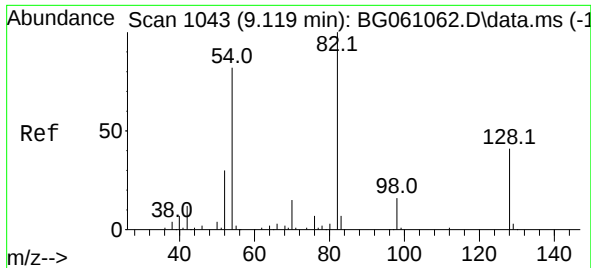
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1318
Delta R.T. -0.024 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

Tgt Ion:136 Resp: 107565
Ion Ratio Lower Upper
136 100
137 12.0 7.8 11.6#
54 11.3 8.1 12.1
68 4.8 3.0 4.4#





#23
Nitrobenzene-d5
Concen: 2.459 ng
RT: 9.095 min Scan# 1043
Delta R.T. -0.024 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

Instrument :

BNA_G

ClientSampleId :

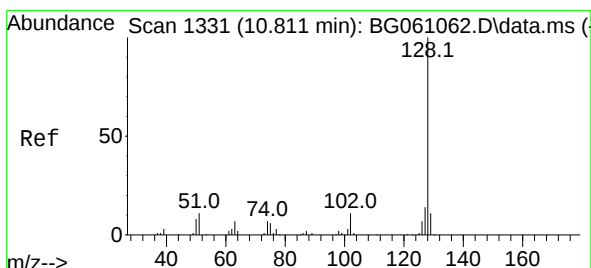
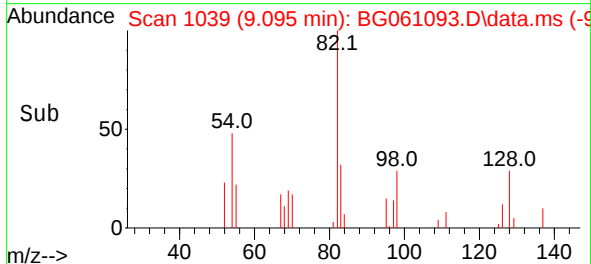
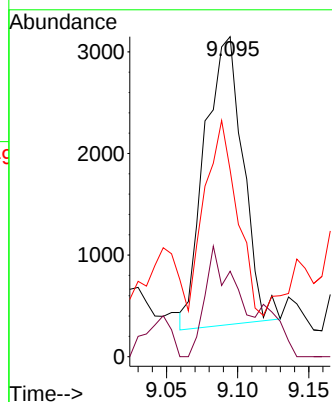
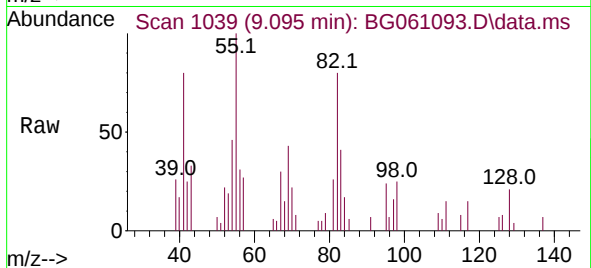
MW-1DL

Tgt Ion: 82 Resp: 533#
Ion Ratio Lower Upper
82 100
128 26.7 32.7 49.1#
54 58.3 65.6 98.4#

Manual Integrations

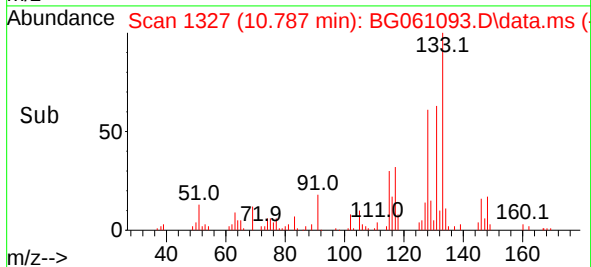
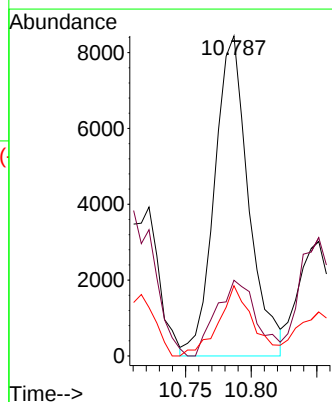
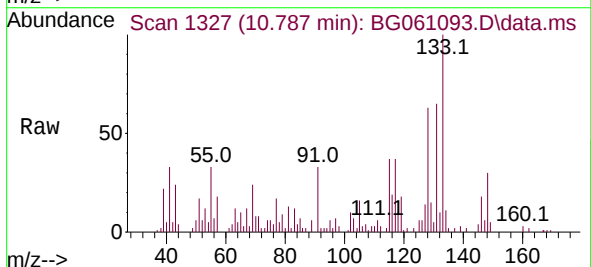
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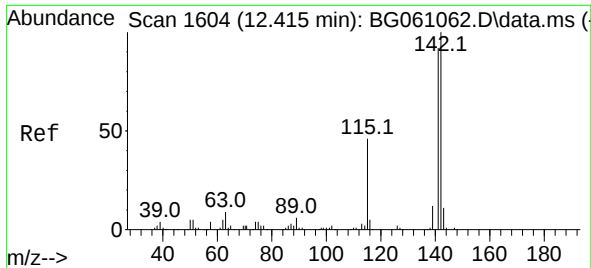
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#31
Naphthalene
Concen: 2.725 ng
RT: 10.787 min Scan# 1327
Delta R.T. -0.024 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

Tgt Ion:128 Resp: 15232
Ion Ratio Lower Upper
128 100
129 23.7 8.9 13.3#
127 22.0 11.1 16.7#





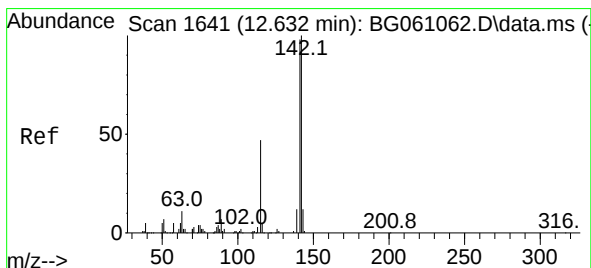
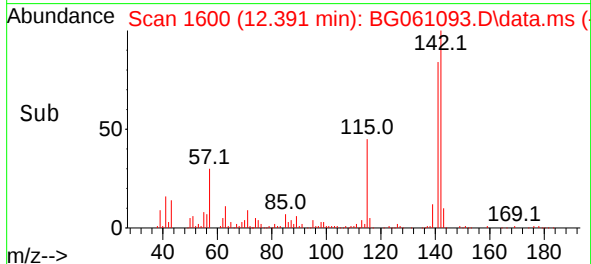
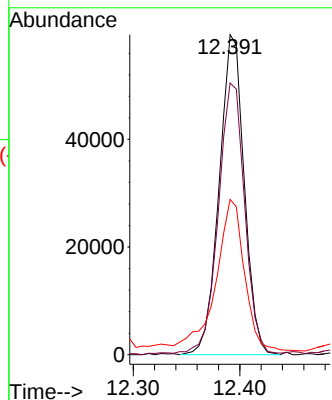
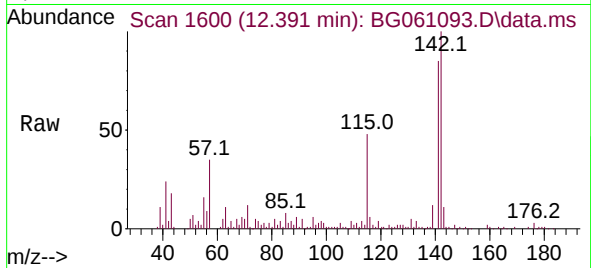
#37
2-Methylnaphthalene
Concen: 23.100 ng
RT: 12.391 min Scan# 1600
Delta R.T. -0.024 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

Instrument :
BNA_G
ClientSampleId :
MW-1DL

Tgt Ion:142 Resp: 96770
Ion Ratio Lower Upper
142 100
141 84.9 73.8 110.8
115 48.5 36.9 55.3

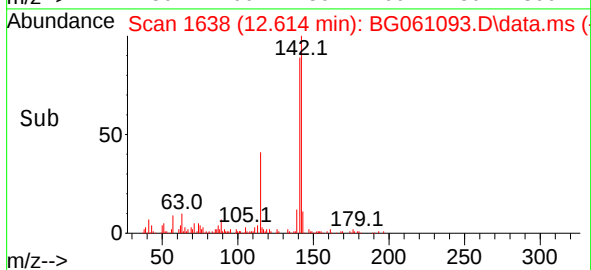
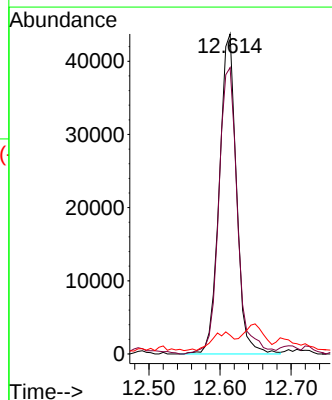
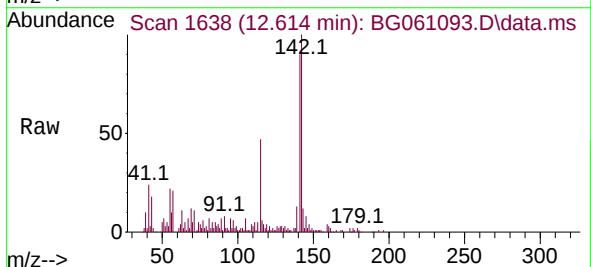
Manual Integrations
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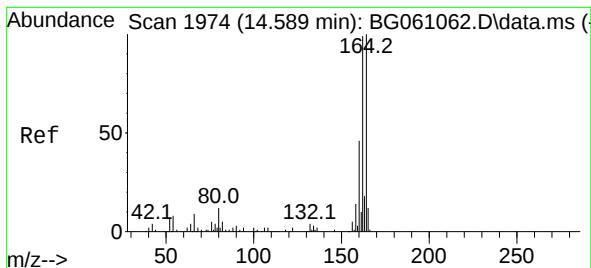
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#38
1-Methylnaphthalene
Concen: 17.345 ng
RT: 12.614 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

Tgt Ion:142 Resp: 73151
Ion Ratio Lower Upper
142 100
141 89.5 78.4 117.6
116 5.9 4.3 6.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1971

Delta R.T. -0.018 min

Lab File: BG061093.D

Acq: 2 May 2024 14:43

Instrument :

BNA_G

ClientSampleId :

MW-1DL

Tgt Ion:164 Resp: 80178

Ion Ratio Lower Upper

164 100

162 99.4 79.4 119.2

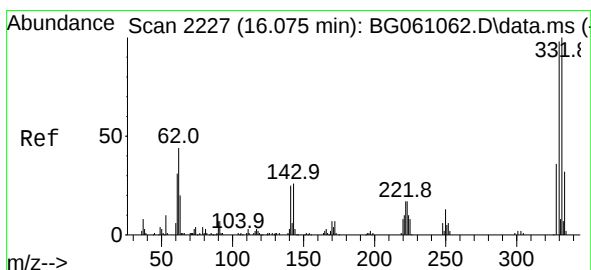
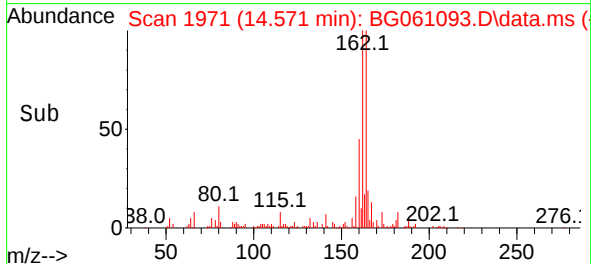
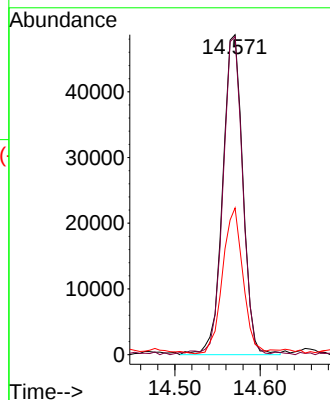
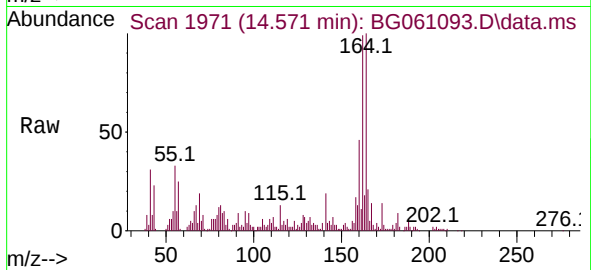
160 45.9 37.0 55.6

Manual Integrations

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Reviewed By :Yogesh Patel 05/06/2024

Supervised By :mohammad ahmed 05/06/2024



#42

2,4,6-Tribromophenol

Concen: 2.364 ng

RT: 16.057 min Scan# 2224

Delta R.T. -0.018 min

Lab File: BG061093.D

Acq: 2 May 2024 14:43

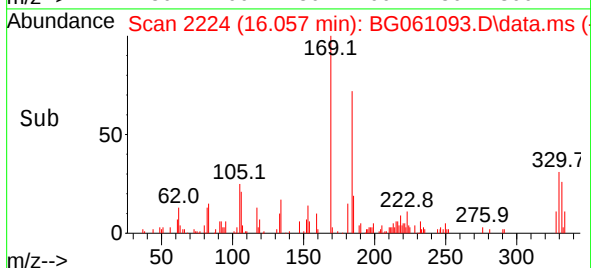
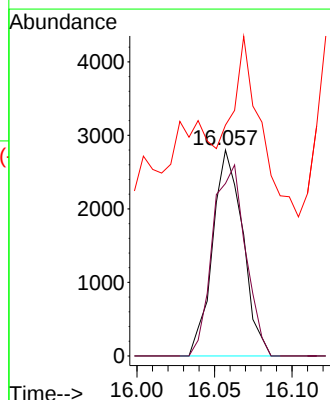
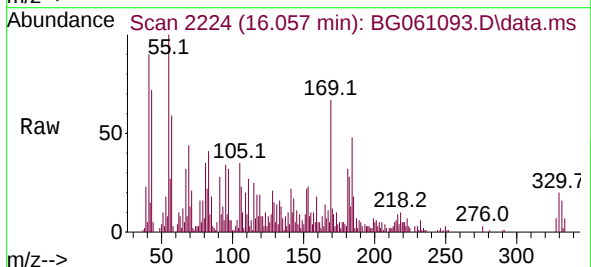
Tgt Ion:330 Resp: 3788

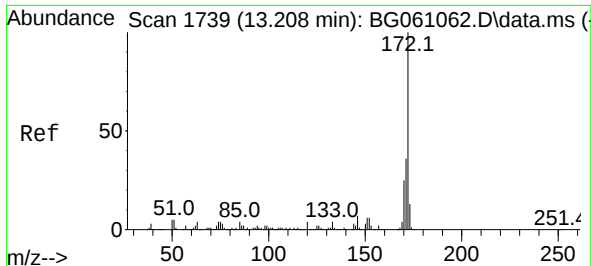
Ion Ratio Lower Upper

330 100

332 101.1 78.6 117.8

141 84.5 20.5 30.7#





#45

2-Fluorobiphenyl

Concen: 2.079 ng

RT: 13.190 min Scan# 1736

Delta R.T. -0.018 min

Lab File: BG061093.D

Acq: 2 May 2024 14:43

Instrument :

BNA_G

ClientSampleId :

MW-1DL

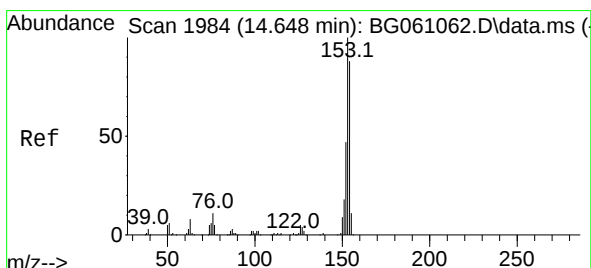
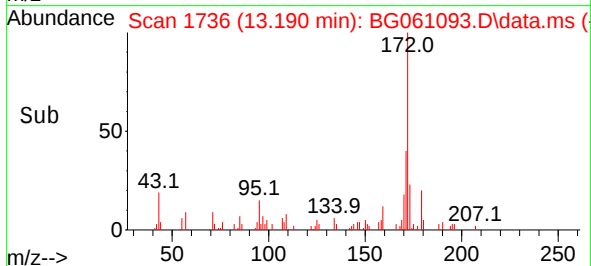
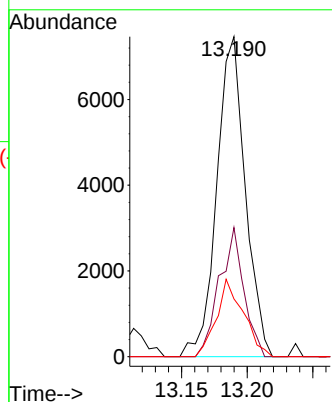
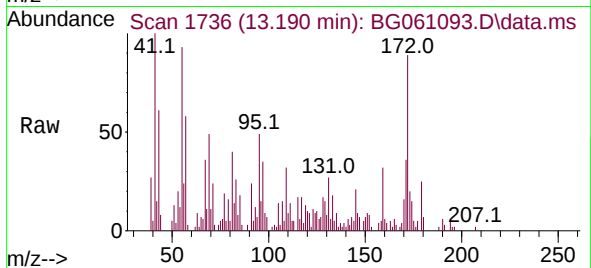
Tgt Ion:	172	Resp:	11274
Ion Ratio	Lower	Upper	
172	100		
171	40.4	29.0	43.6
170	18.0	20.2	30.4

Manual Integrations

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Reviewed By :Yogesh Patel 05/06/2024

Supervised By :mohammad ahmed 05/06/2024



#52

Acenaphthene

Concen: 2.661 ng

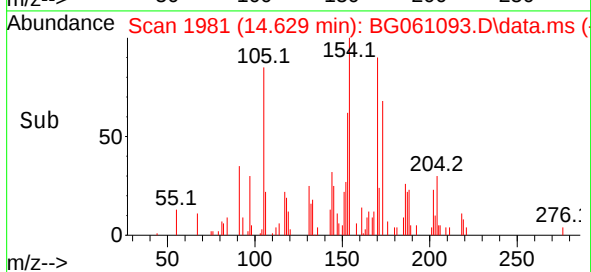
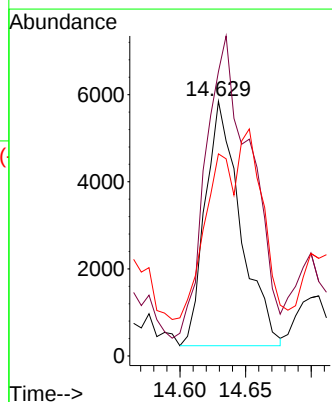
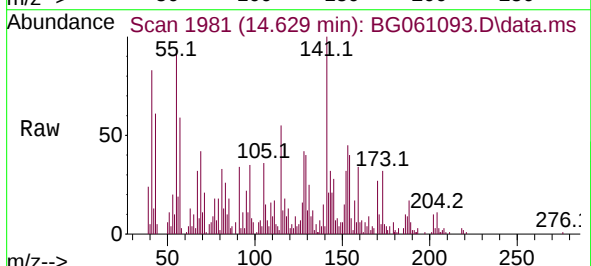
RT: 14.629 min Scan# 1981

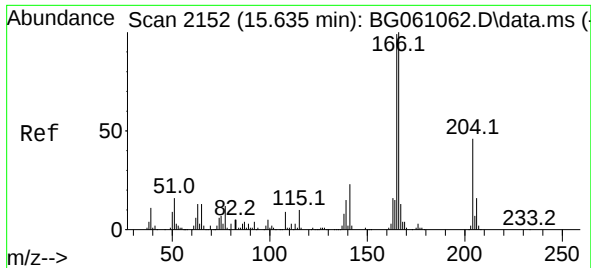
Delta R.T. -0.018 min

Lab File: BG061093.D

Acq: 2 May 2024 14:43

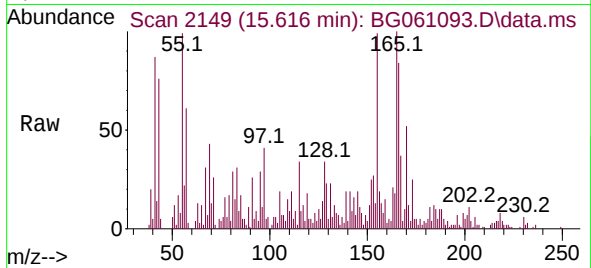
Tgt Ion:	154	Resp:	10496
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.0	136.4
152	79.4	43.1	64.7





#58
Fluorene
Concen: 3.924 ng m
RT: 15.616 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

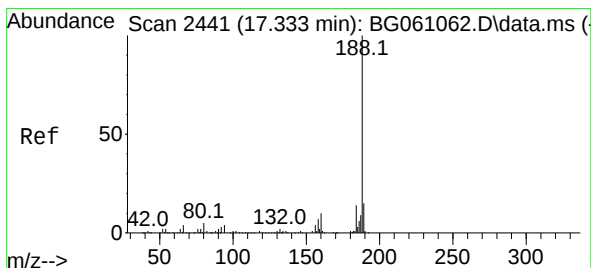
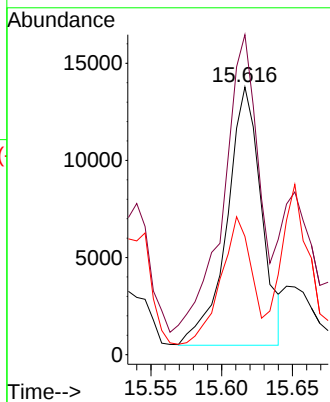
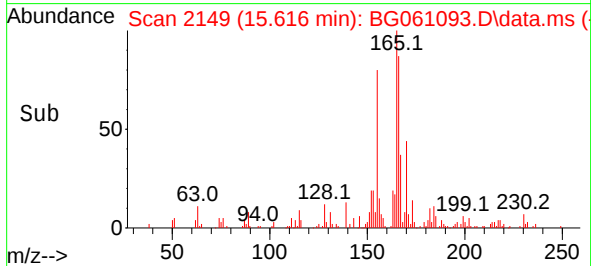
Instrument :
BNA_G
ClientSampleId :
MW-1DL



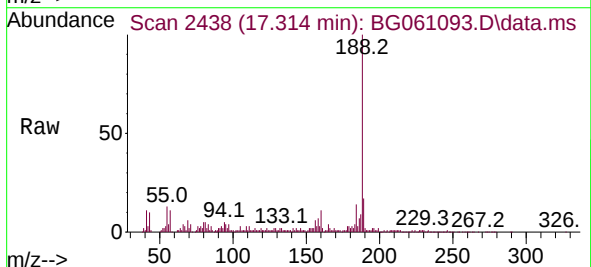
Tgt Ion:166 Resp: 22619
Ion Ratio Lower Upper
166 100
165 119.5 78.9 118.3
167 44.1 10.6 15.8

Manual Integrations
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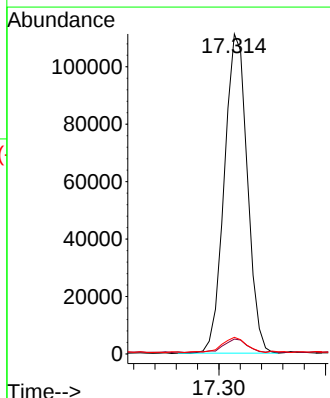
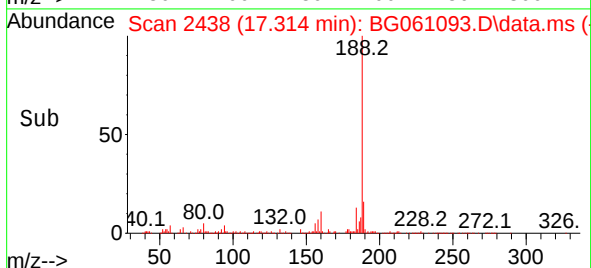
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024

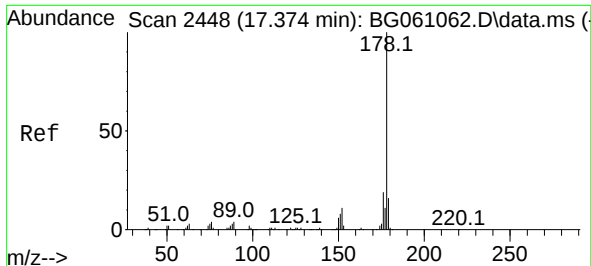


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.018 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43



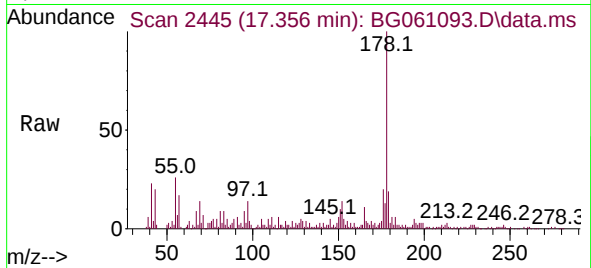
Tgt Ion:188 Resp: 166010
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 5.2 4.2 6.2





#71
Phenanthrene
Concen: 10.500 ng
RT: 17.356 min Scan# 2445
Delta R.T. -0.018 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

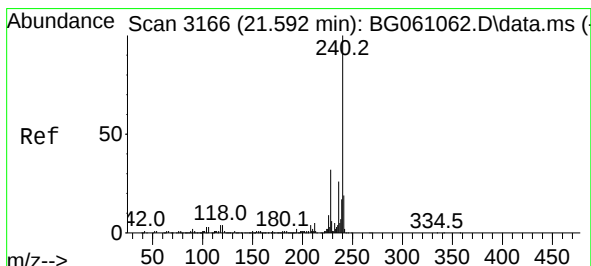
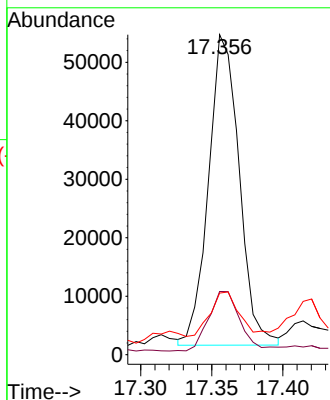
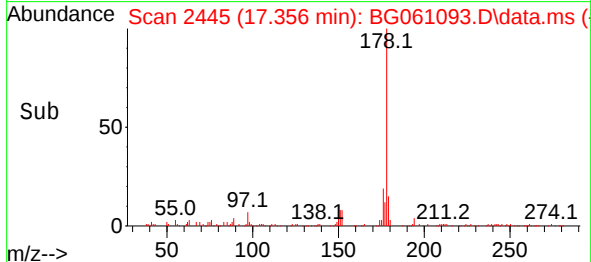
Instrument :
BNA_G
ClientSampleId :
MW-1DL



Tgt Ion:178 Resp: 7970
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 19.2 12.6 19.0

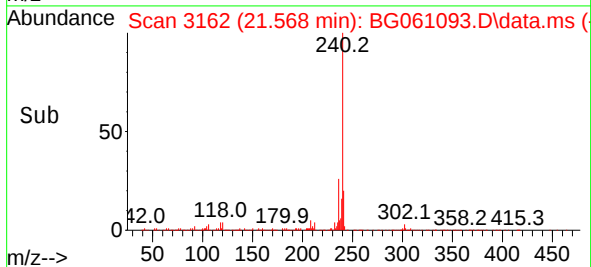
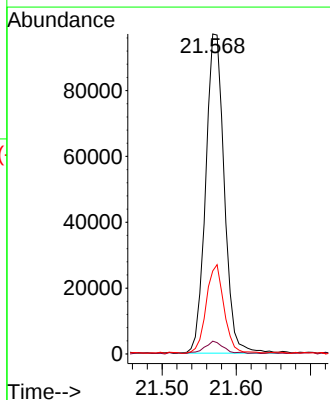
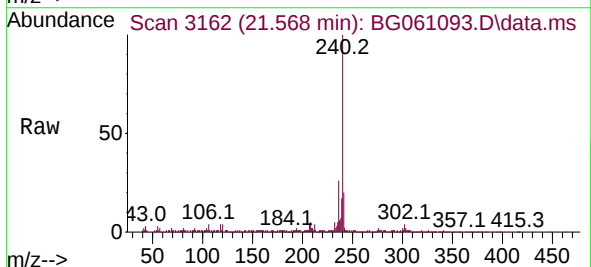
Manual Integrations
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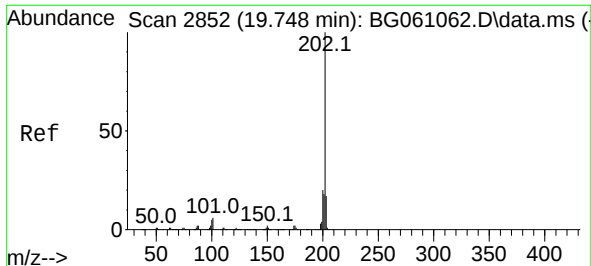
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.024 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

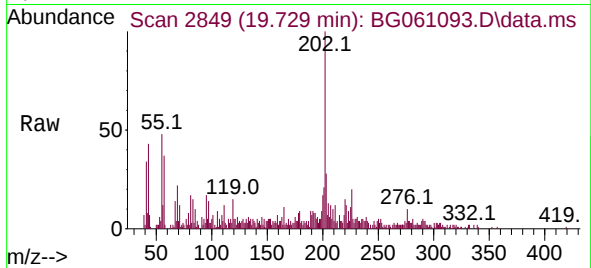
Tgt Ion:240 Resp: 168753
Ion Ratio Lower Upper
240 100
120 4.0 3.2 4.8
236 25.9 21.0 31.6





#78
Pyrene
Concen: 3.205 ng m
RT: 19.729 min Scan# 2852
Delta R.T. -0.018 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

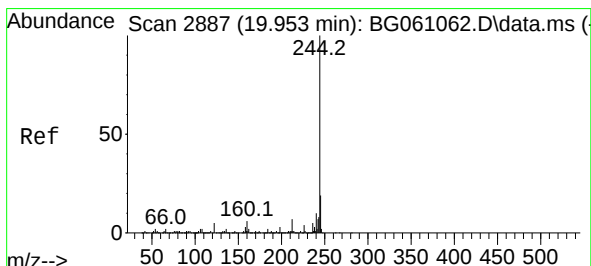
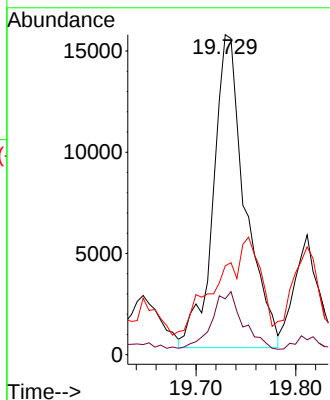
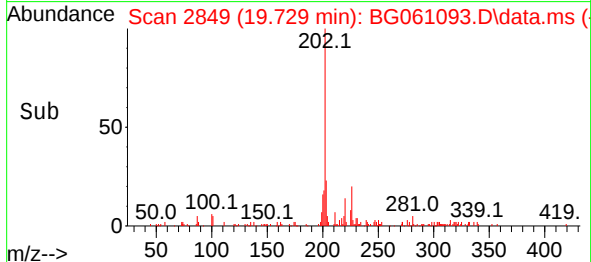
Instrument :
BNA_G
ClientSampleId :
MW-1DL



Tgt Ion:202 Resp: 3438
Ion Ratio Lower Upper
202 100
200 17.5 16.2 24.4
203 27.8 13.3 19.9

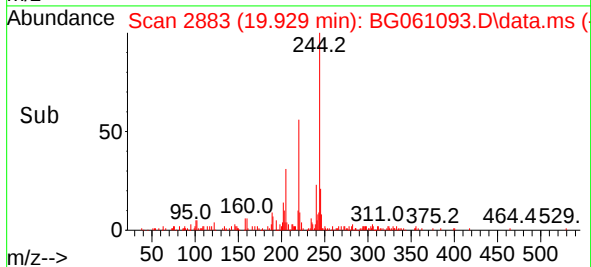
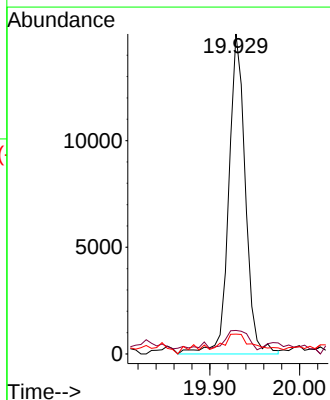
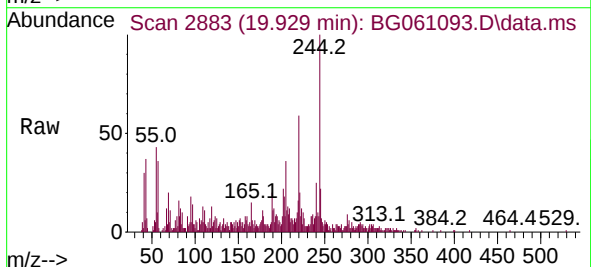
Manual Integrations
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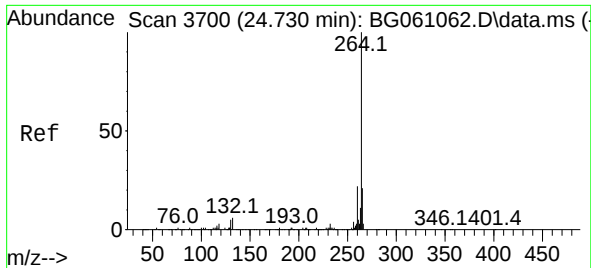
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#79
Terphenyl-d14
Concen: 1.901 ng
RT: 19.929 min Scan# 2883
Delta R.T. -0.024 min
Lab File: BG061093.D
Acq: 2 May 2024 14:43

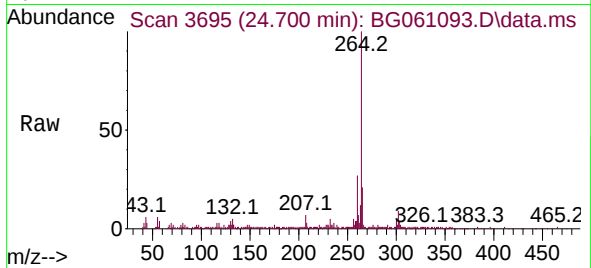
Tgt Ion:244 Resp: 19284
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 6.2 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: BG061093.D
 Acq: 2 May 2024 14:43

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL



Tgt Ion:264 Resp: 166478
 Ion Ratio Lower Upper
 264 100
 260 26.6 17.7 26.5
 265 21.2 16.4 24.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024

