

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061238.D
 Acq On : 17 May 2024 14:29
 Operator : MA/JU
 Sample : P2486-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 17 18:26:35 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	7.929	152	29557	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	115746	20.000	ng	#-0.04
39) Acenaphthene-d10	14.556	164	85753	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	186530	20.000	ng	#-0.03
76) Chrysene-d12	21.566	240	184073	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	226499	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	67317	46.319	ng	-0.02
7) Phenol-d6	7.112	99	92547	43.046	ng	-0.02
23) Nitrobenzene-d5	9.081	82	67534	28.924	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	57259	33.406	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	156079	26.914	ng	-0.03
79) Terphenyl-d14	19.921	244	271977	24.574	ng	-0.03
Target Compounds						Qvalue
52) Acenaphthene	14.621	154	9890	2.344	ng	89
71) Phenanthrene	17.347	178	217392	25.489	ng	99
72) Anthracene	17.441	178	55009	6.464	ng	99
75) Fluoranthene	19.363	202	516681	44.220	ng	98
78) Pyrene	19.727	202	508785	43.476	ng	98
81) Benzo(a)anthracene	21.548	228	318119	26.410	ng	96
83) Chrysene	21.613	228	290075	25.704	ng	97
87) Indeno(1,2,3-cd)pyrene	28.246	276	221514	14.757	ng	# 95
88) Benzo(b)fluoranthene	23.705	252	422815	33.406	ng	99
89) Benzo(k)fluoranthene	23.763	252	126473m	10.387	ng	
90) Benzo(a)pyrene	24.551	252	310544	28.163	ng	99
91) Dibenzo(a,h)anthracene	28.282	278	56923	4.579	ng	# 87
92) Benzo(g,h,i)perylene	29.357	276	226455	18.332	ng	98

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

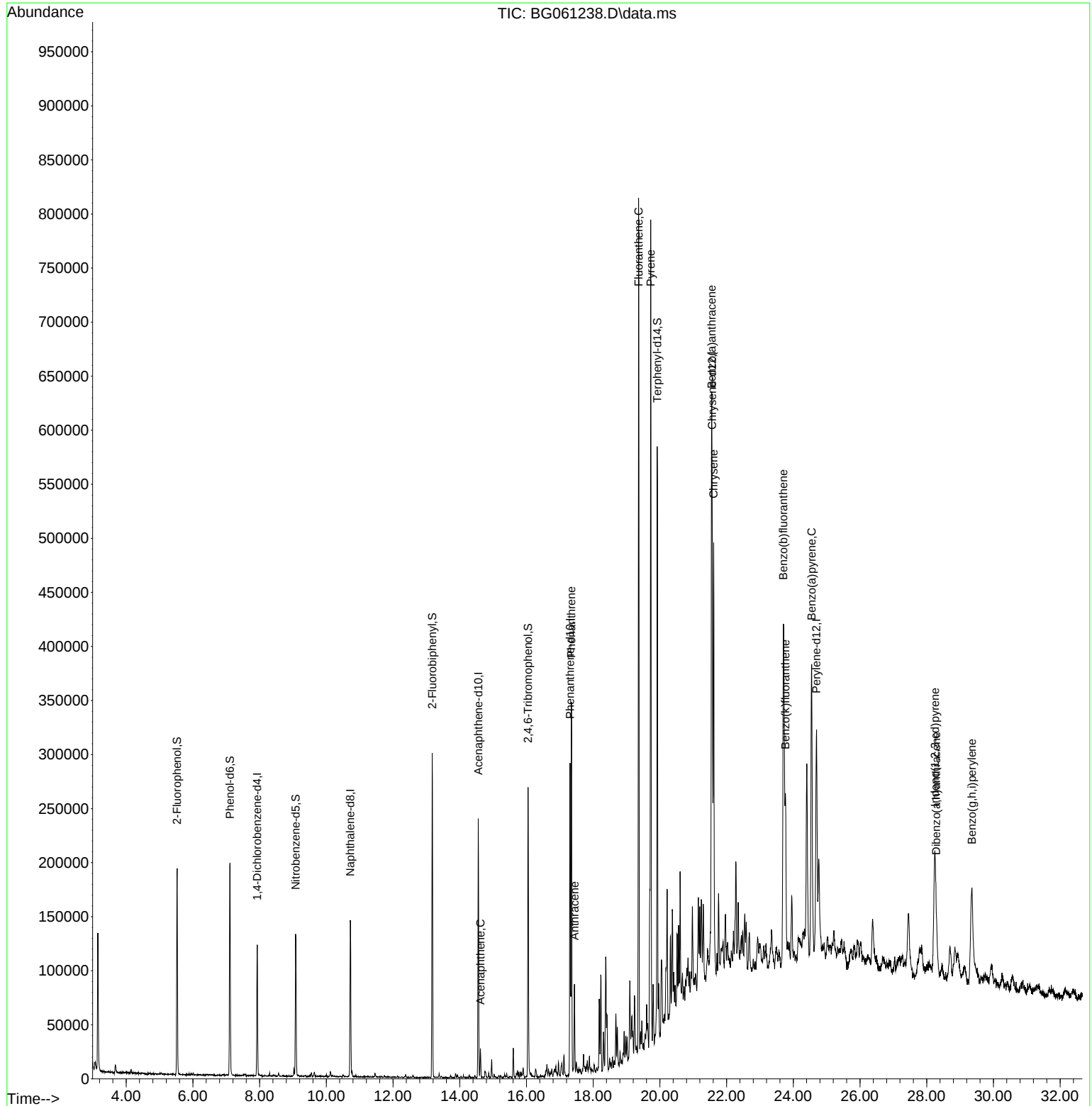
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
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Quant Time: May 17 18:26:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

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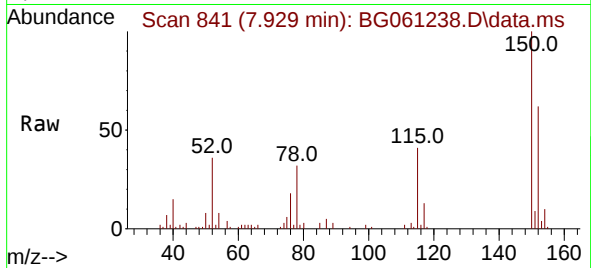
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 841
Delta R.T. -0.032 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

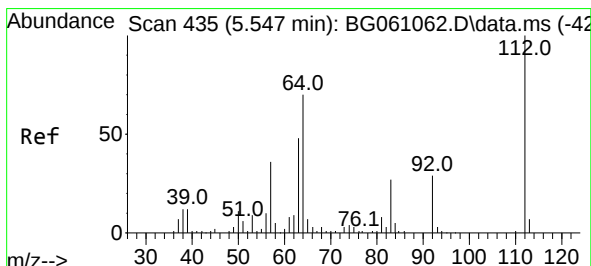
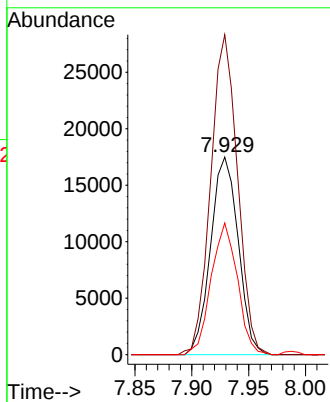
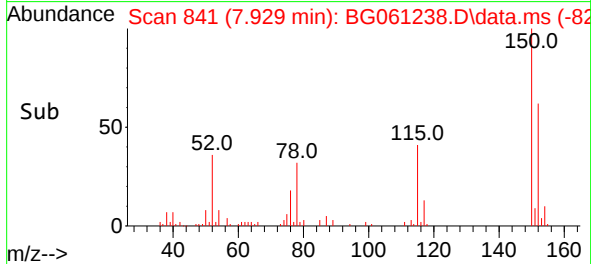
Instrument :
BNA_G
ClientSampleId :
WCS-TPL



Tgt Ion:152 Resp: 2955
Ion Ratio Lower Upper
152 100
150 161.9 138.3 207.5
115 66.7 48.0 72.0

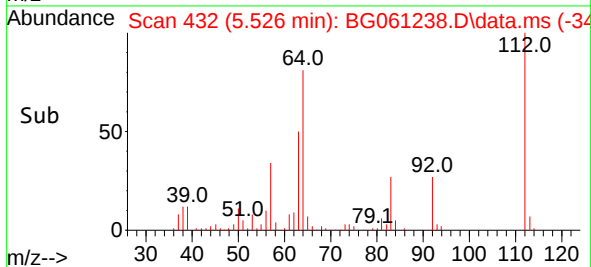
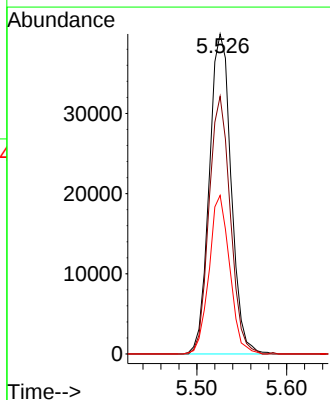
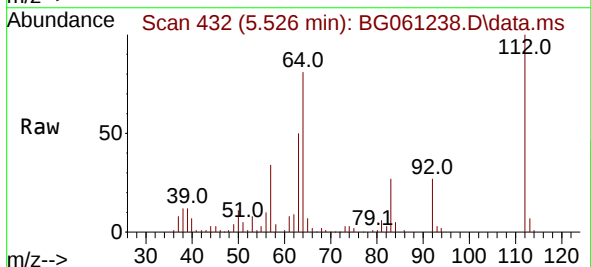
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Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#5
2-Fluorophenol
Concen: 46.319 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

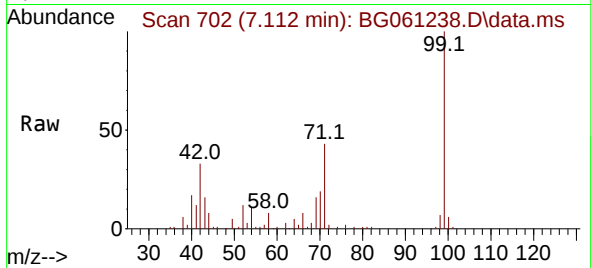
Tgt Ion:112 Resp: 67317
Ion Ratio Lower Upper
112 100
64 80.5 55.7 83.5
63 49.6 38.1 57.1





#7
Phenol-d6
Concen: 43.046 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

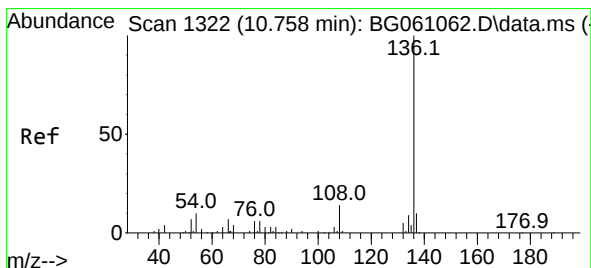
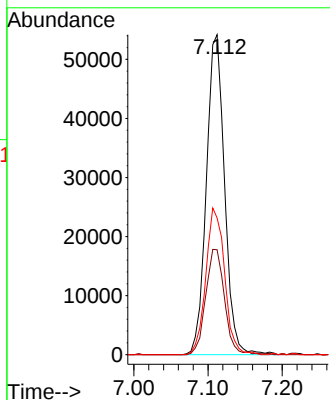
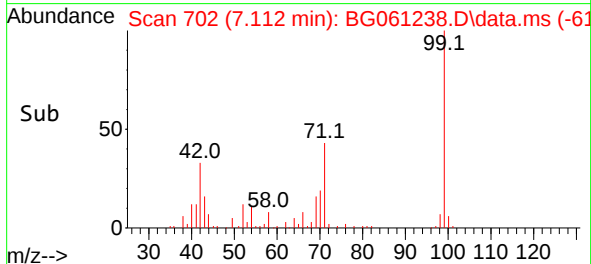
Instrument :
BNA_G
ClientSampleId :
WCS-TPL



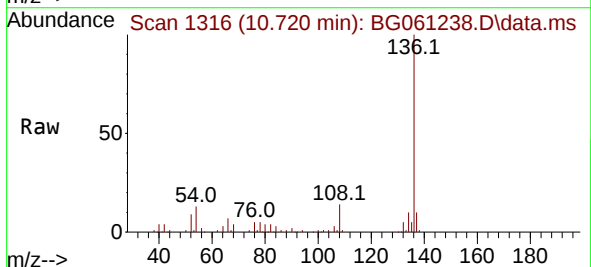
Tgt Ion: 99 Resp: 9254
Ion Ratio Lower Upper
99 100
42 32.8 29.2 43.8
71 42.7 39.7 59.5

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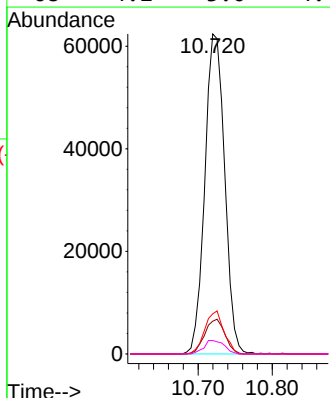
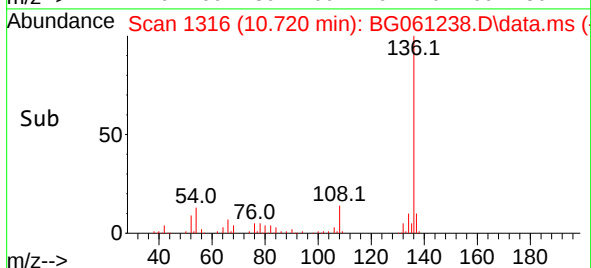
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.038 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29



Tgt Ion:136 Resp: 115746
Ion Ratio Lower Upper
136 100
137 10.2 7.8 11.6
54 12.5 8.1 12.1#
68 4.2 3.0 4.4





#23

Nitrobenzene-d5

Concen: 28.924 ng

RT: 9.081 min Scan# 1043

Delta R.T. -0.038 min

Lab File: BG061238.D

Acq: 17 May 2024 14:29

Instrument :

BNA_G

ClientSampleId :

WCS-TPL

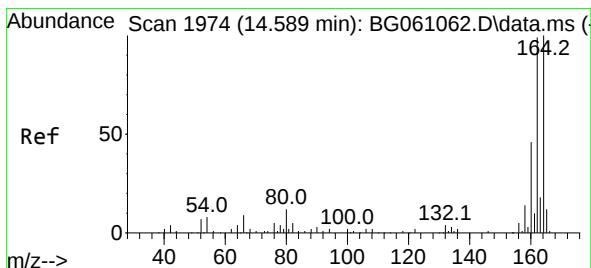
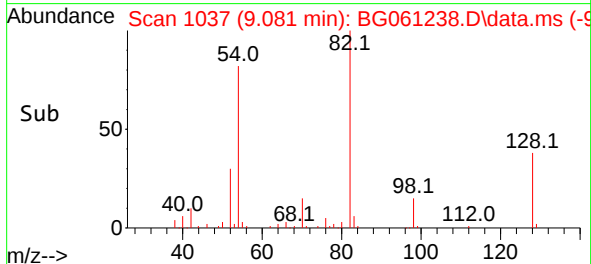
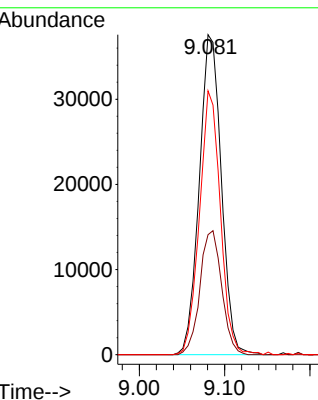
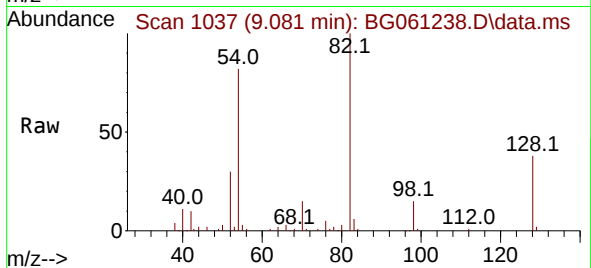
Tgt Ion: 82 Resp: 67534

Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.7	49.1
54	82.4	65.6	98.4

Manual Integrations

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Supervised By :mohammad ahmed 05/22/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1969

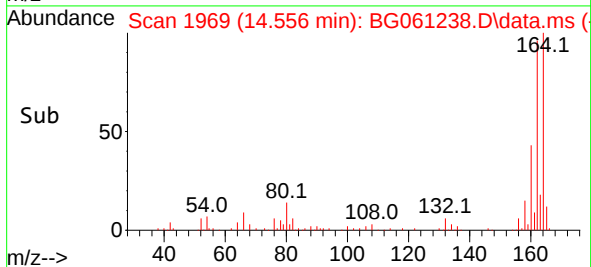
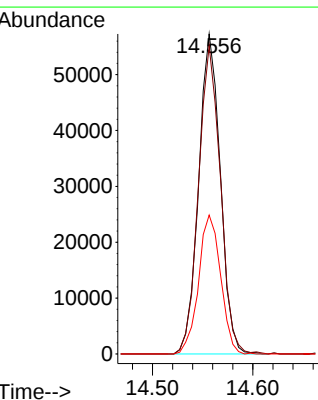
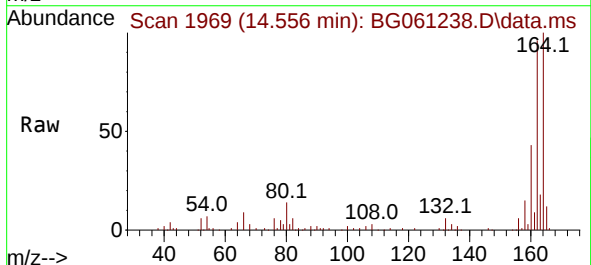
Delta R.T. -0.032 min

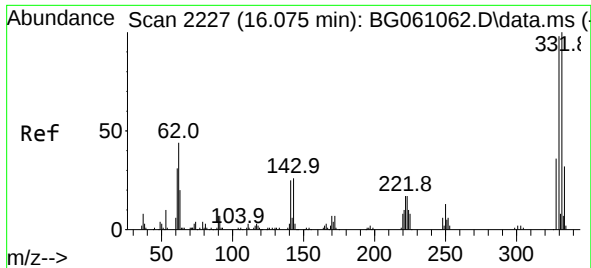
Lab File: BG061238.D

Acq: 17 May 2024 14:29

Tgt Ion:164 Resp: 85753

Ion	Ratio	Lower	Upper
164	100		
162	96.3	79.4	119.2
160	43.4	37.0	55.6





#42
2,4,6-Tribromophenol
Concen: 33.406 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Instrument :

BNA_G

ClientSampleId :

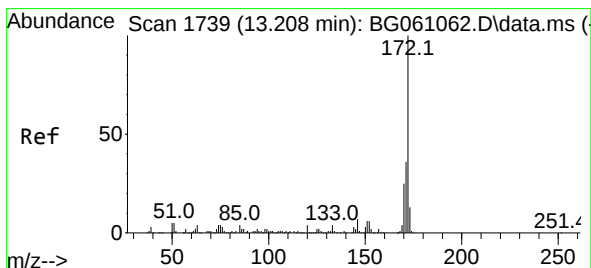
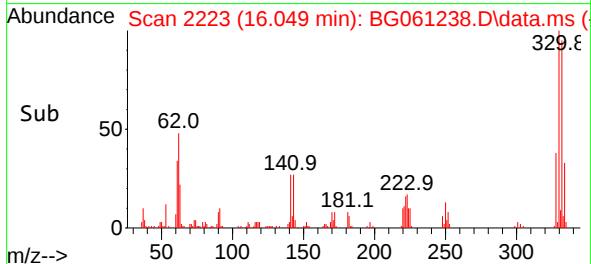
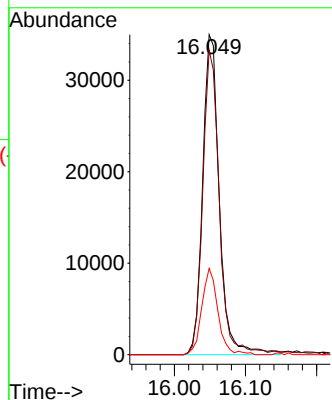
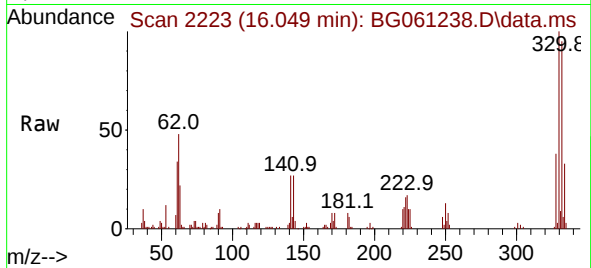
WCS-TPL

Tgt Ion:330 Resp: 5725
Ion Ratio Lower Upper
330 100
332 93.9 78.6 117.8
141 26.1 20.5 30.7

Manual Integrations

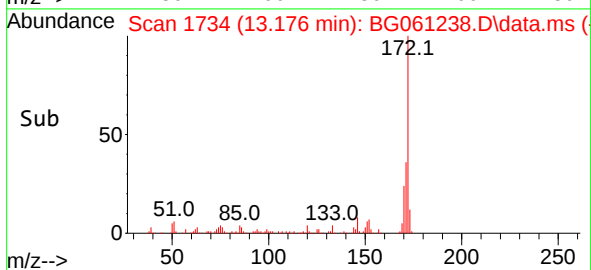
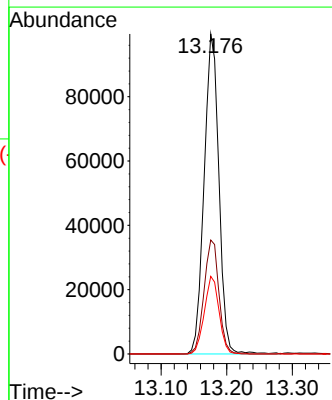
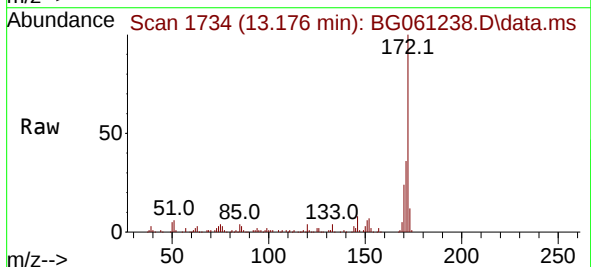
APPROVED

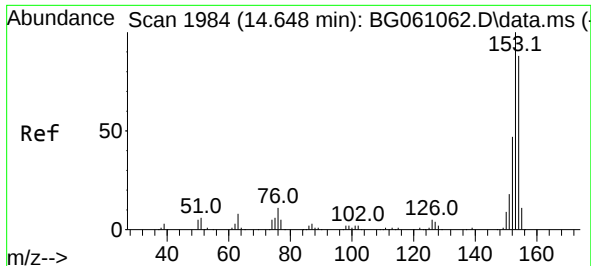
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#45
2-Fluorobiphenyl
Concen: 26.914 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.032 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Tgt Ion:172 Resp: 156079
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.3 20.2 30.4





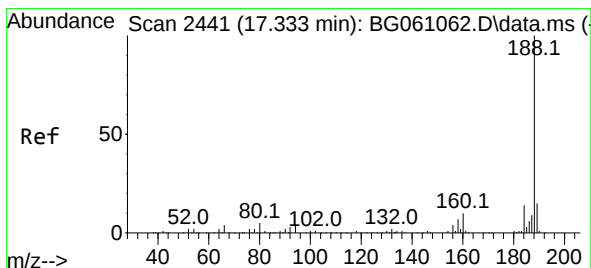
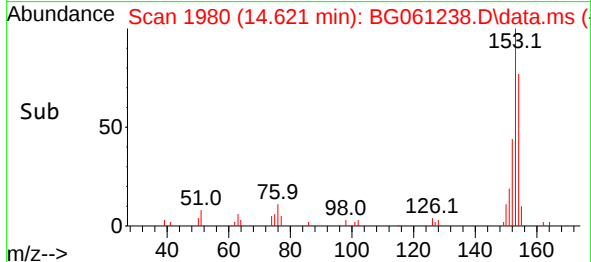
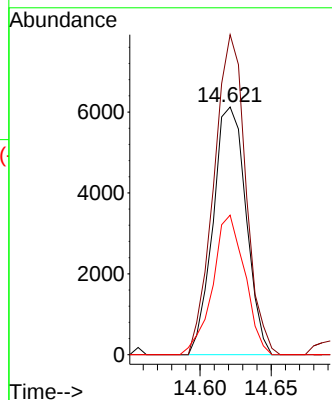
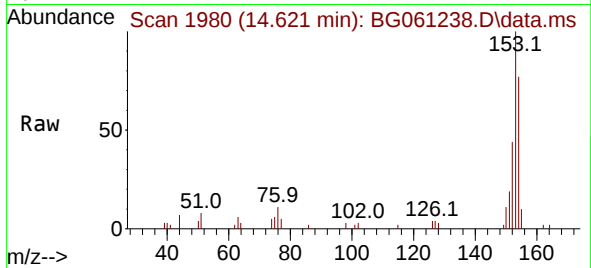
#52
Acenaphthene
Concen: 2.344 ng
RT: 14.621 min Scan# 1984
Delta R.T. -0.027 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

Tgt Ion:154 Resp: 9890
Ion Ratio Lower Upper
154 100
153 129.2 91.0 136.4
152 56.3 43.1 64.7

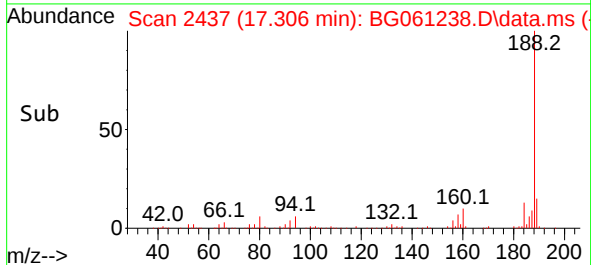
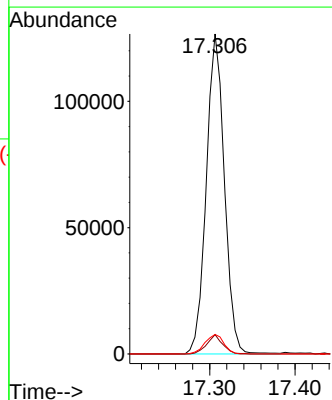
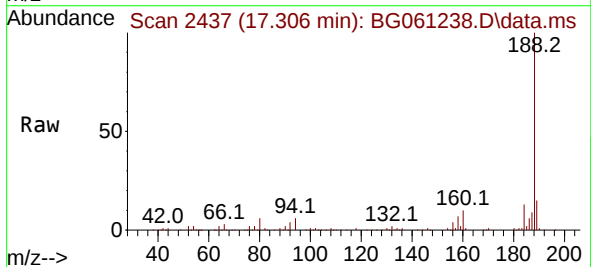
Manual Integrations
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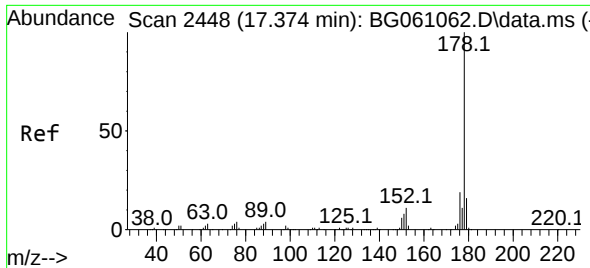
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2437
Delta R.T. -0.027 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

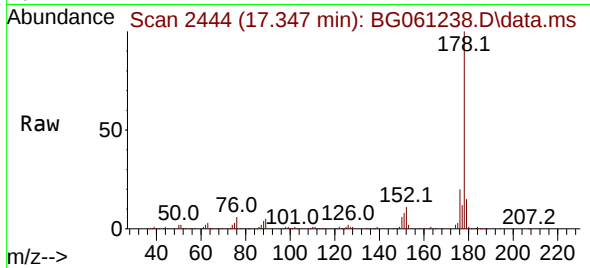
Tgt Ion:188 Resp: 186530
Ion Ratio Lower Upper
188 100
94 6.1 3.6 5.4#
80 6.1 4.2 6.2





#71
Phenanthrene
Concen: 25.489 ng
RT: 17.347 min Scan# 2444
Delta R.T. -0.027 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

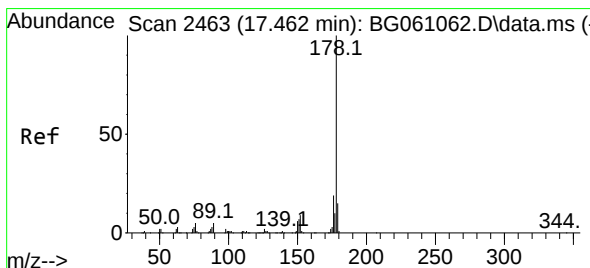
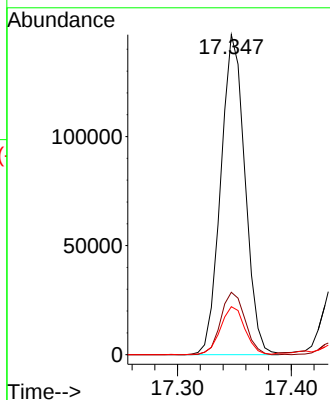
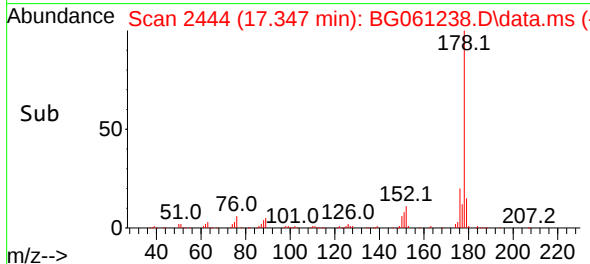
Instrument :
BNA_G
ClientSampleId :
WCS-TPL



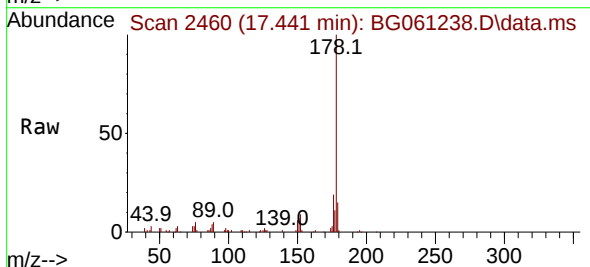
Tgt Ion:178 Resp: 217392
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.0 12.6 19.0

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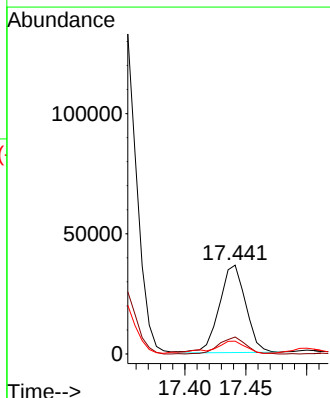
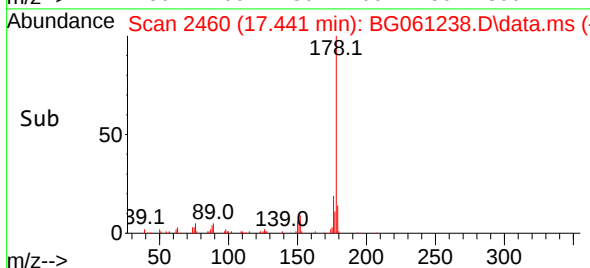
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

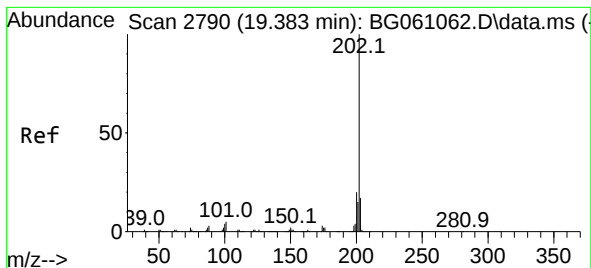


#72
Anthracene
Concen: 6.464 ng
RT: 17.441 min Scan# 2460
Delta R.T. -0.021 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29



Tgt Ion:178 Resp: 55009
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 14.5 12.0 18.0





#75

Fluoranthene

Concen: 44.220 ng

RT: 19.363 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061238.D

Acq: 17 May 2024 14:29

Instrument :

BNA_G

ClientSampleId :

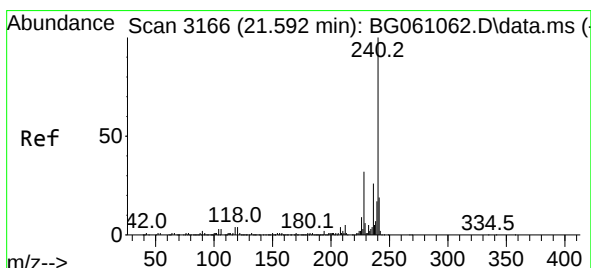
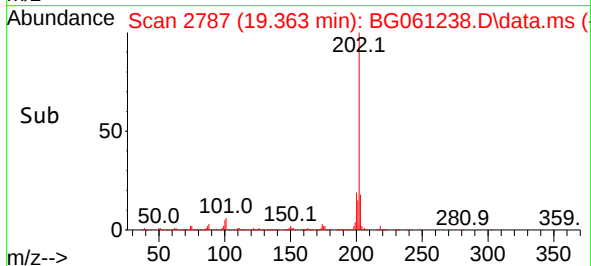
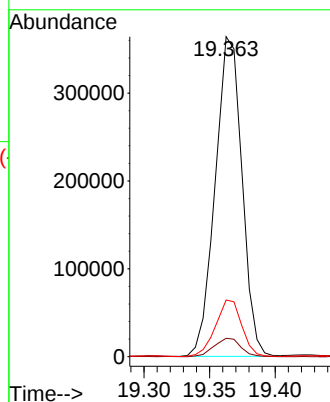
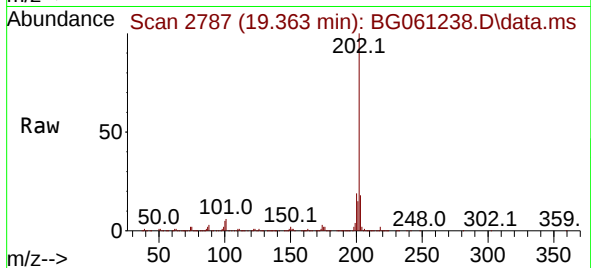
WCS-TPL

Tgt Ion:	202	Resp:	51668
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	24.7
203	17.7	0.0	37.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

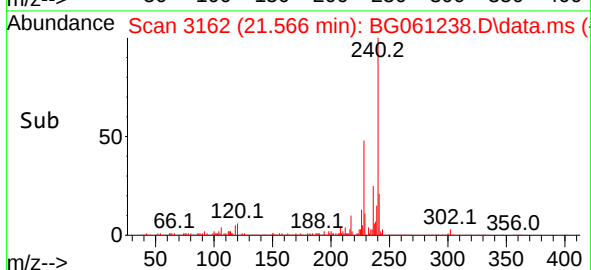
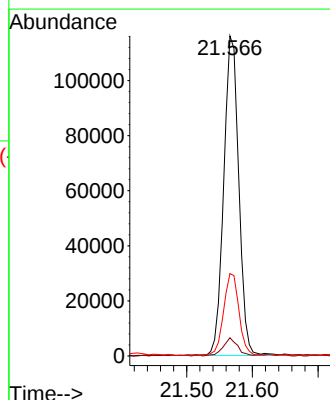
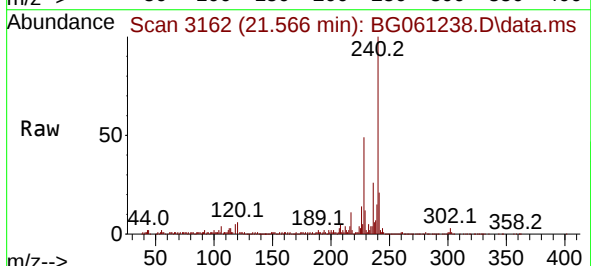
RT: 21.566 min Scan# 3162

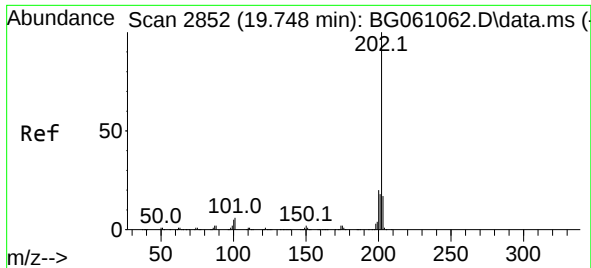
Delta R.T. -0.027 min

Lab File: BG061238.D

Acq: 17 May 2024 14:29

Tgt Ion:	240	Resp:	184073
Ion Ratio	Lower	Upper	
240	100		
120	5.7	3.2	4.8#
236	25.7	21.0	31.6





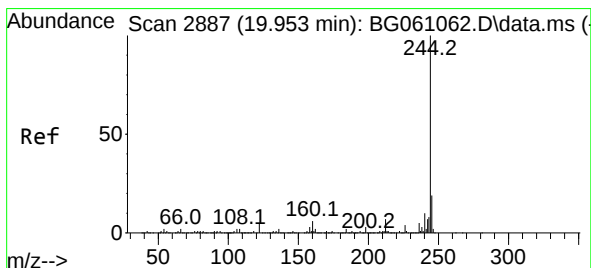
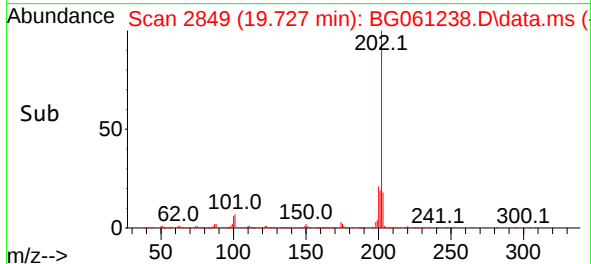
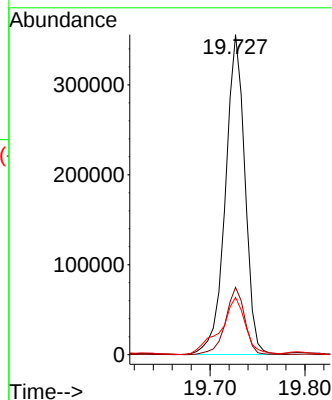
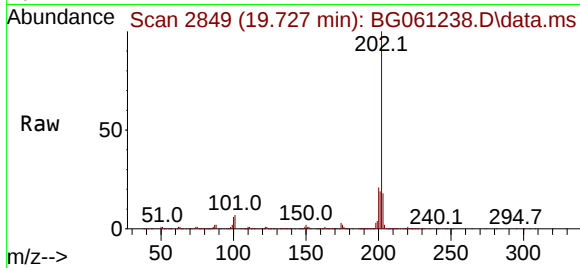
#78
Pyrene
Concen: 43.476 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

Tgt Ion:202 Resp: 508785
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.4
203 17.9 13.3 19.9

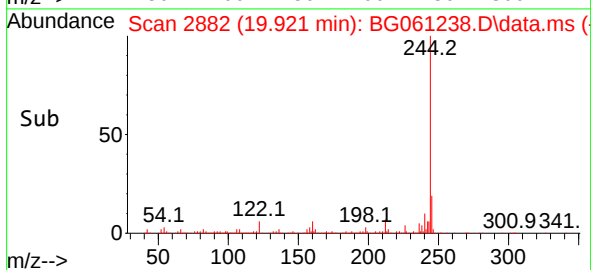
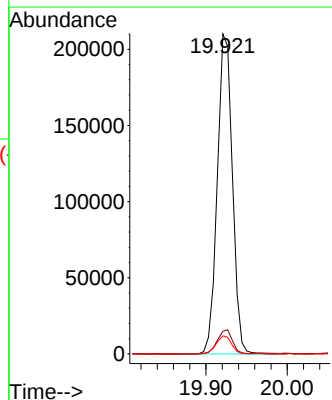
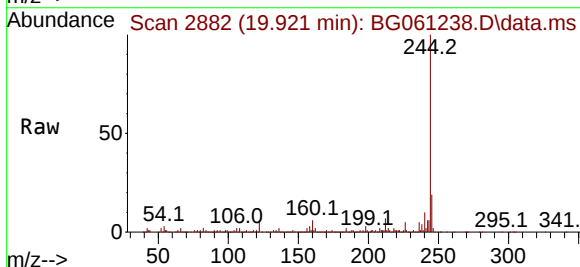
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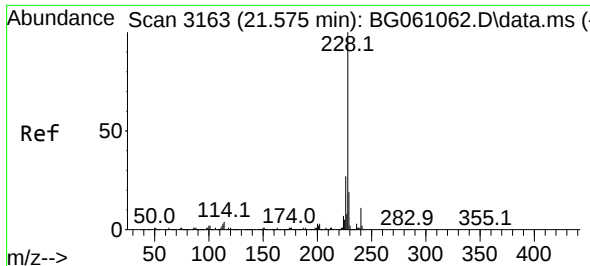
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#79
Terphenyl-d14
Concen: 24.574 ng
RT: 19.921 min Scan# 2882
Delta R.T. -0.032 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Tgt Ion:244 Resp: 271977
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 5.6 4.2 6.2





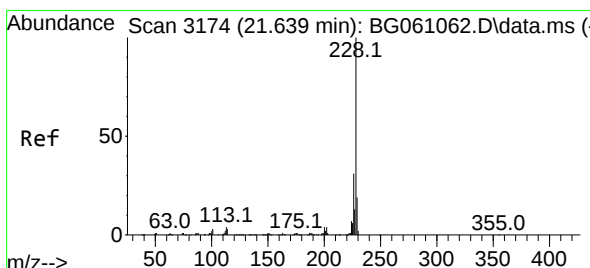
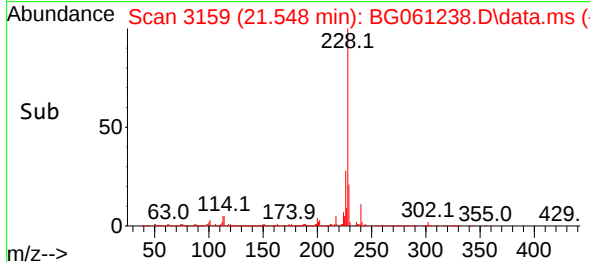
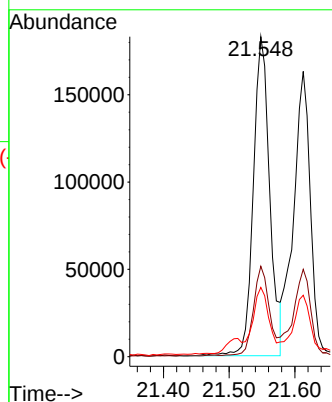
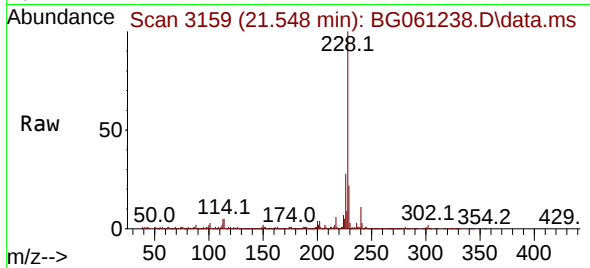
#81
Benzo(a)anthracene
Concen: 26.410 ng
RT: 21.548 min Scan# 3119
Delta R.T. -0.027 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

Tgt Ion:228 Resp: 318119
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 21.6 15.0 22.4

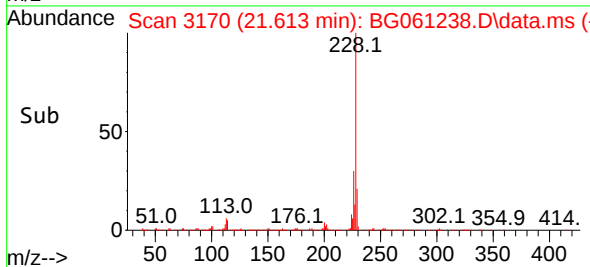
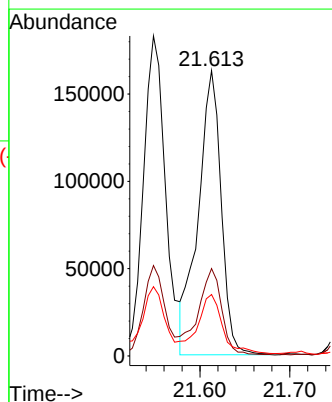
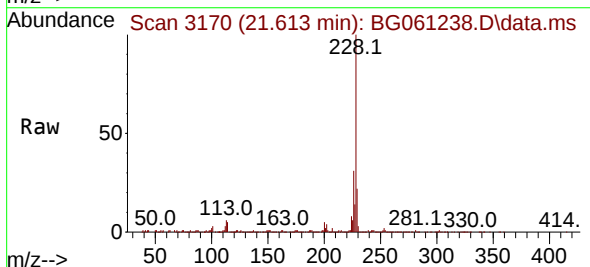
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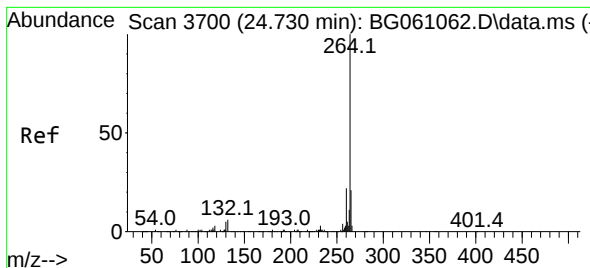
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#83
Chrysene
Concen: 25.704 ng
RT: 21.613 min Scan# 3170
Delta R.T. -0.027 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Tgt Ion:228 Resp: 290075
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.5 14.8 22.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.692 min Scan# 30

Delta R.T. -0.038 min

Lab File: BG061238.D

Acq: 17 May 2024 14:29

Instrument :

BNA_G

ClientSampleId :

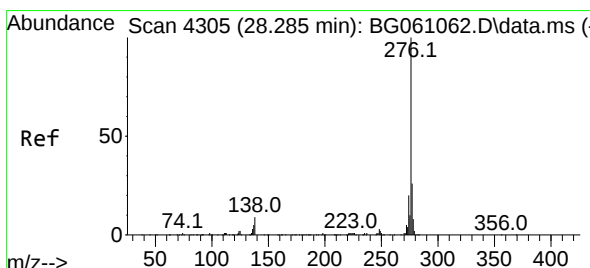
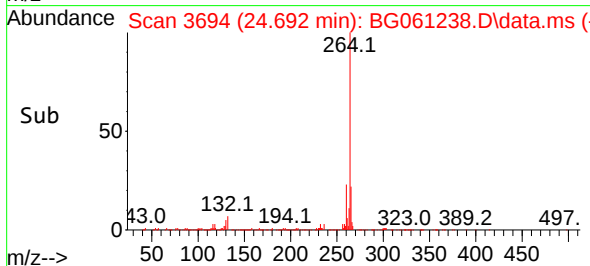
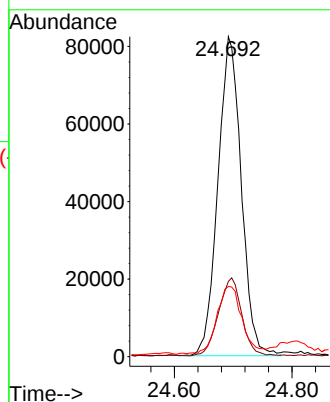
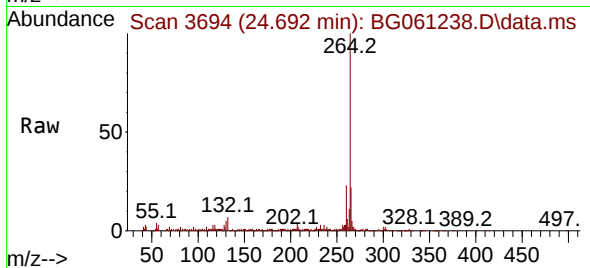
WCS-TPL

Tgt Ion:264	Resp: 226499
Ion Ratio	Lower Upper
264 100	
260 23.5	17.7 26.5
265 22.0	16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 14.757 ng

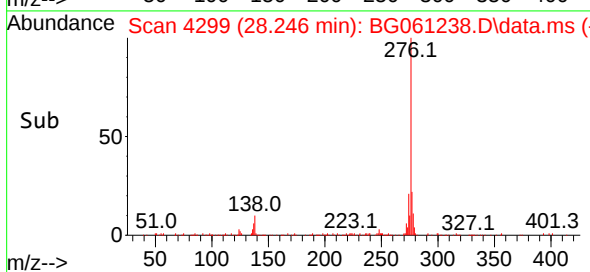
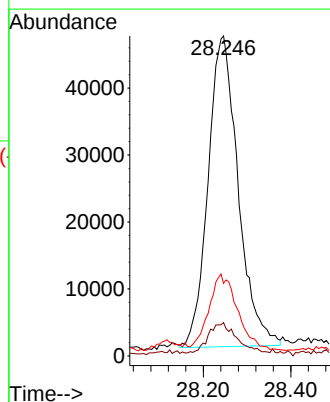
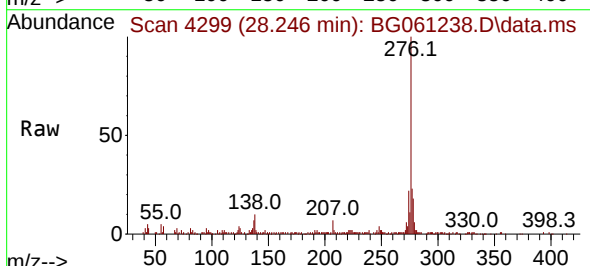
RT: 28.246 min Scan# 4299

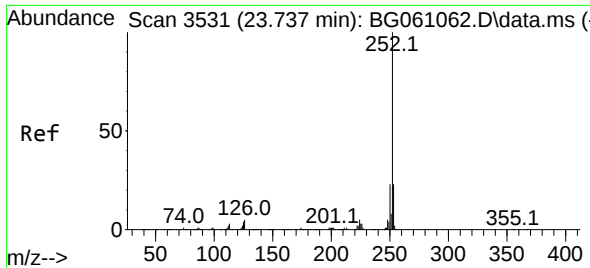
Delta R.T. -0.038 min

Lab File: BG061238.D

Acq: 17 May 2024 14:29

Tgt Ion:276	Resp: 221514
Ion Ratio	Lower Upper
276 100	
138 8.9	5.1 7.7#
277 23.5	20.6 30.8





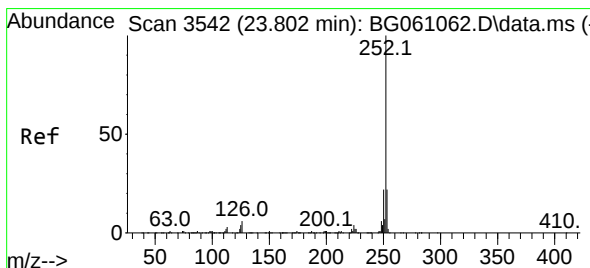
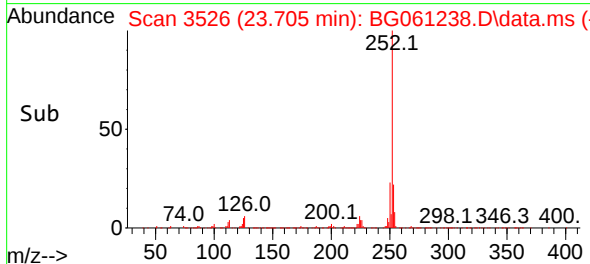
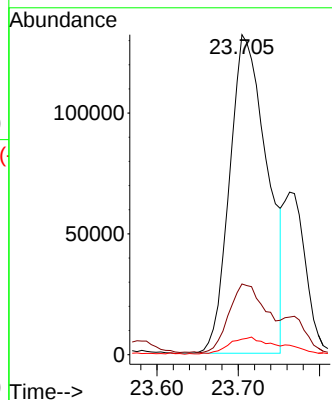
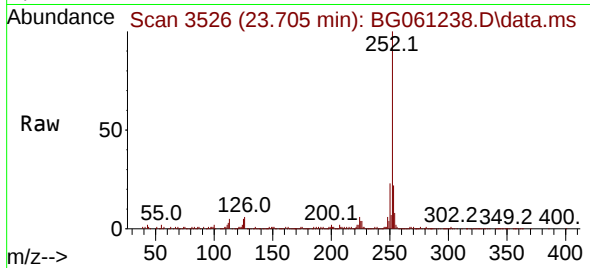
#88
Benzo(b)fluoranthene
Concen: 33.406 ng
RT: 23.705 min Scan# 3526
Delta R.T. -0.032 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

Tgt Ion:252 Resp: 422815
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 4.9 3.4 5.0

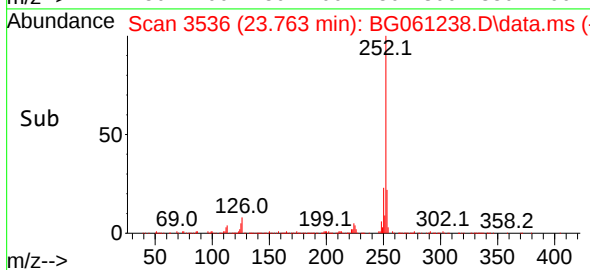
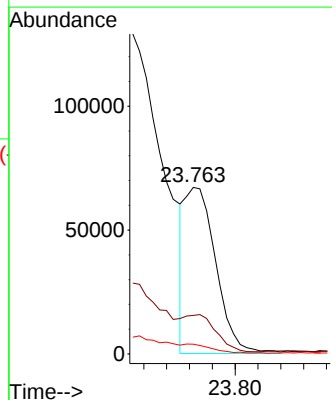
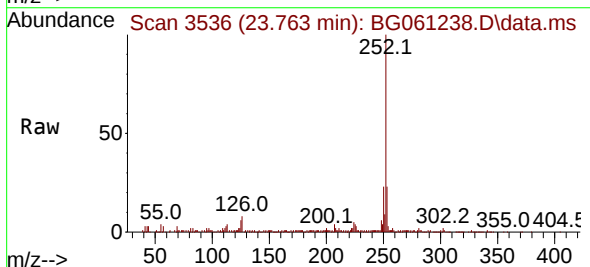
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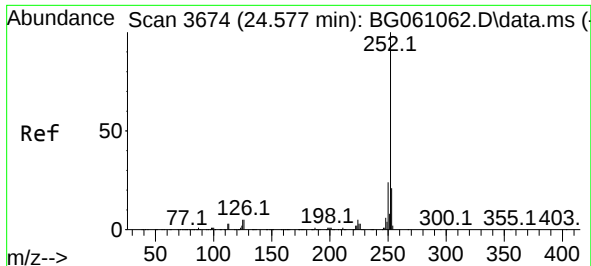
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#89
Benzo(k)fluoranthene
Concen: 10.387 ng m
RT: 23.763 min Scan# 3536
Delta R.T. -0.038 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

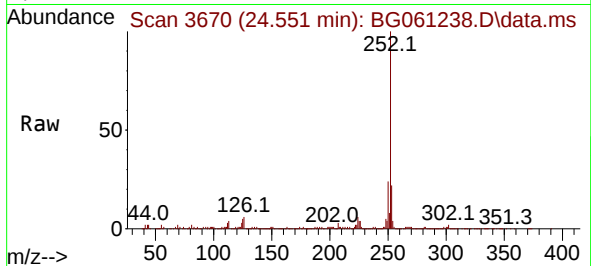
Tgt Ion:252 Resp: 126473
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 5.8 3.2 4.8#





#90
Benzo(a)pyrene
Concen: 28.163 ng
RT: 24.551 min Scan# 31054
Delta R.T. -0.027 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

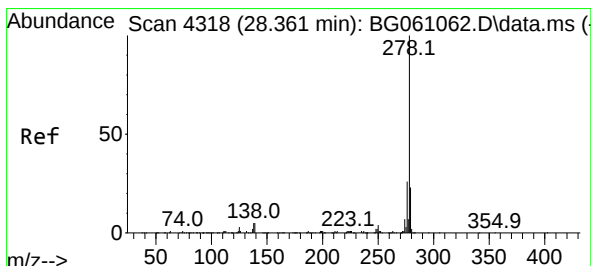
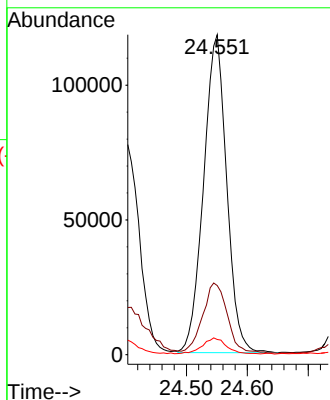
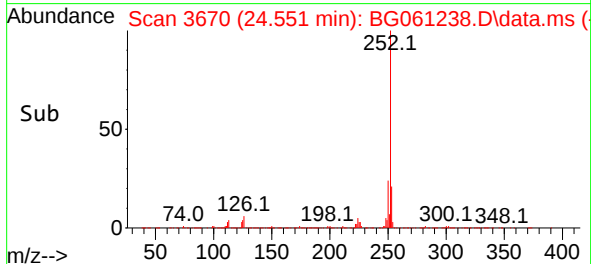
Instrument :
BNA_G
ClientSampleId :
WCS-TPL



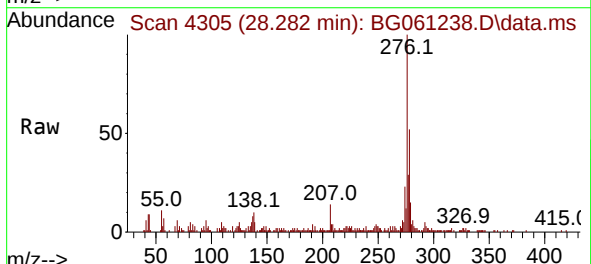
Tgt Ion:252 Resp: 31054
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 4.7 3.8 5.8

Manual Integrations
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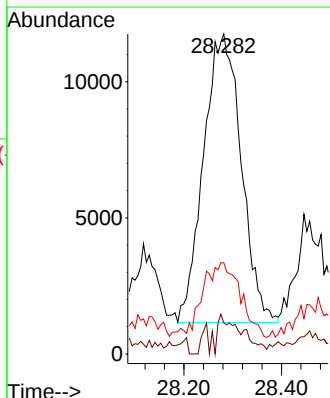
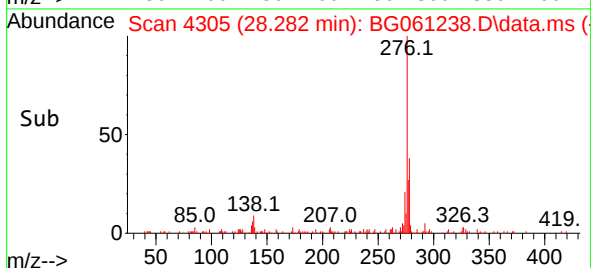
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

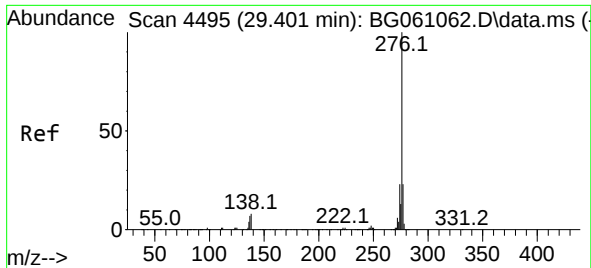


#91
Dibenzo(a,h)anthracene
Concen: 4.579 ng
RT: 28.282 min Scan# 4305
Delta R.T. -0.079 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29



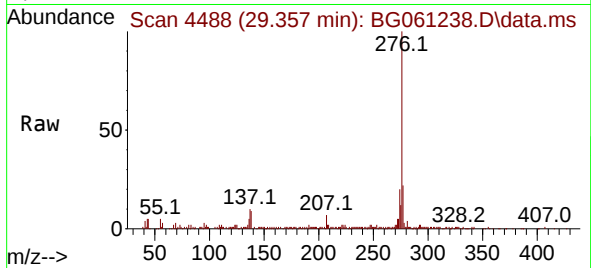
Tgt Ion:278 Resp: 56923
Ion Ratio Lower Upper
278 100
139 9.7 4.2 6.2#
279 28.5 18.0 27.0#





#92
Benzo(g,h,i)perylene
Concen: 18.332 ng
RT: 29.357 min Scan# 44
Delta R.T. -0.044 min
Lab File: BG061238.D
Acq: 17 May 2024 14:29

Instrument :
BNA_G
ClientSampleId :
WCS-TPL



Tgt Ion:276 Resp: 22645
Ion Ratio Lower Upper
276 100
277 22.4 18.2 27.4
138 9.2 6.2 9.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

