

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060113.D
 Acq On : 21 Dec 2023 00:36
 Operator : MA/JU
 Sample : 05827-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-07-10-11

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 02:44:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	46287	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	156719	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	145985	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	434720	20.000	ng	# 0.00
76) Chrysene-d12	21.616	240	570384	20.000	ng	# 0.00
86) Perylene-d12	24.824	264	672215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	184882	68.376	ng	0.00
7) Phenol-d6	7.115	99	266835	70.155	ng	0.00
23) Nitrobenzene-d5	9.113	82	216404	62.701	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	290781	85.470	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	727145	60.962	ng	0.00
79) Terphenyl-d14	19.959	244	1809747	57.927	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.395	202	104801	3.411	ng	92
78) Pyrene	19.759	202	113401m	3.280	ng	
81) Benzo(a)anthracene	21.593	228	93272	2.434	ng	# 81
83) Chrysene	21.657	228	94977	2.617	ng	# 85
88) Benzo(b)fluoranthene	23.796	252	117633	2.833	ng	# 80
90) Benzo(a)pyrene	24.671	252	91073	2.476	ng	# 79

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

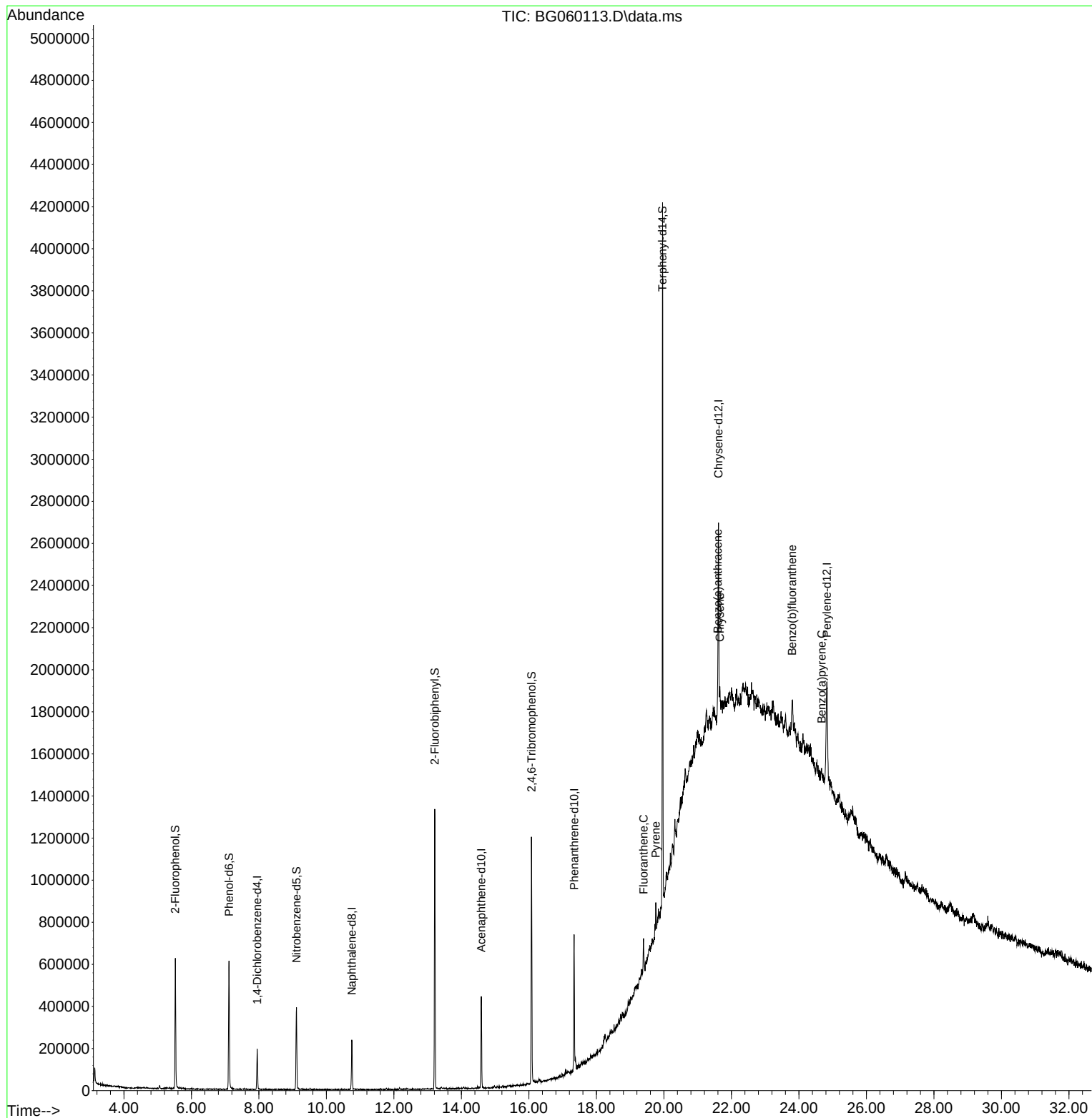
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060113.D
Acq On : 21 Dec 2023 00:36
Operator : MA/JU
Sample : 05827-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

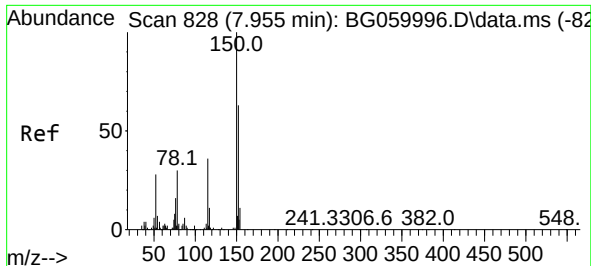
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

Quant Time: Dec 21 02:44:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

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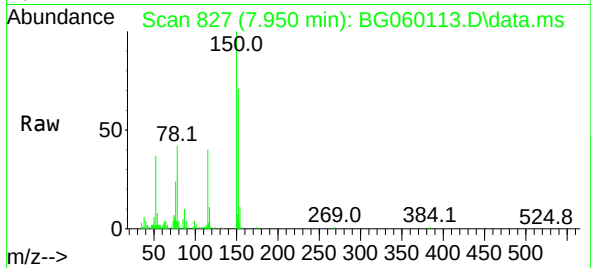
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

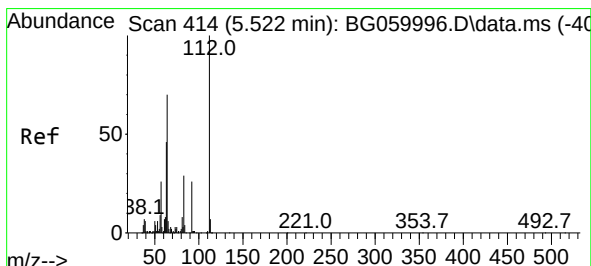
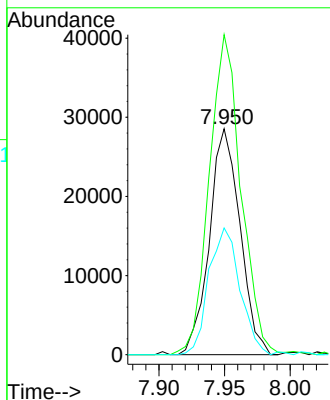
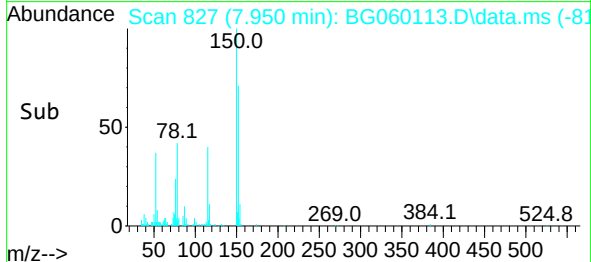
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11



Tgt Ion:152 Resp: 4628
Ion Ratio Lower Upper
152 100
150 141.6 127.0 190.6
115 56.1 45.7 68.5

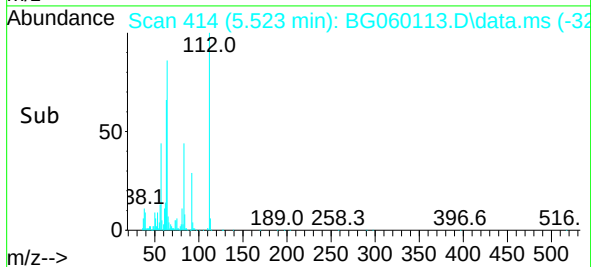
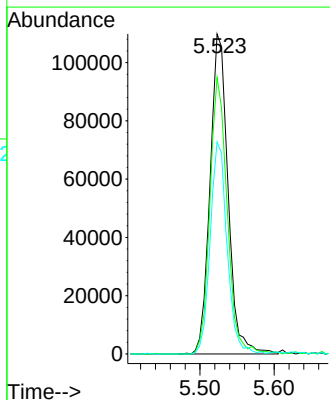
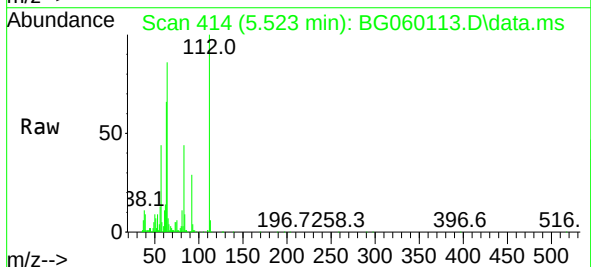
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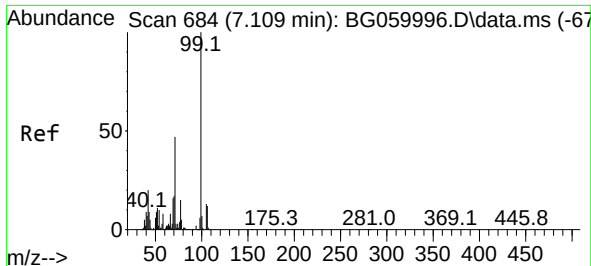
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#5
2-Fluorophenol
Concen: 68.376 ng
RT: 5.523 min Scan# 414
Delta R.T. -0.003 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion:112 Resp: 184882
Ion Ratio Lower Upper
112 100
64 86.4 55.9 83.9#
63 66.3 36.5 54.7#





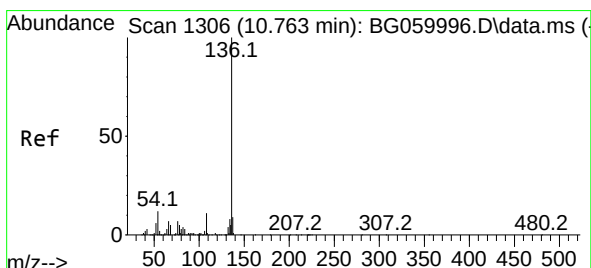
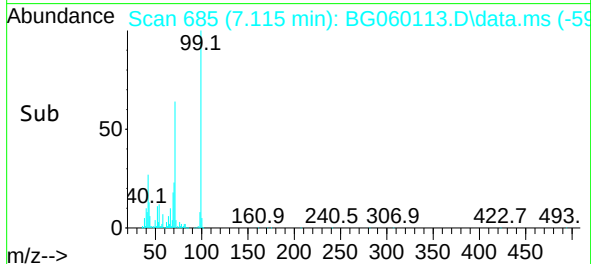
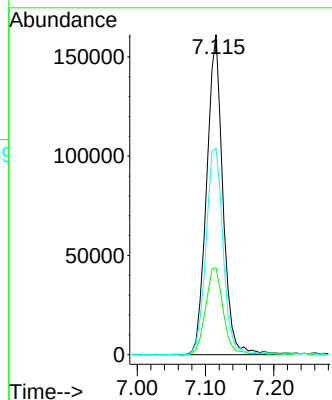
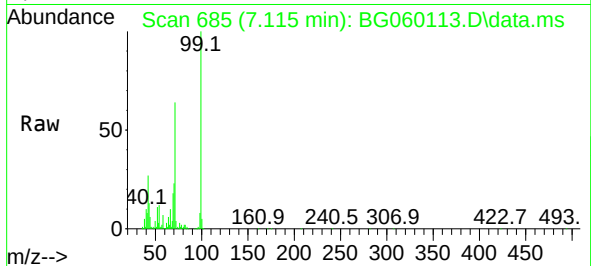
#7
Phenol-d6
Concen: 70.155 ng
RT: 7.115 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

Tgt Ion: 99 Resp: 26683
Ion Ratio Lower Upper
99 100
42 27.2 16.2 24.4
71 64.5 37.6 56.4

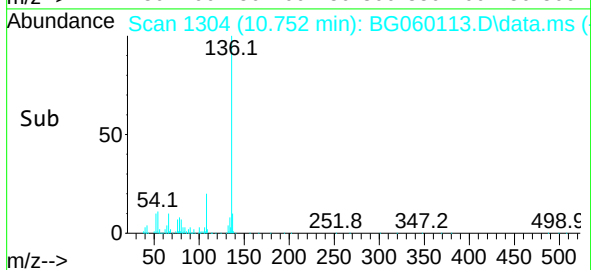
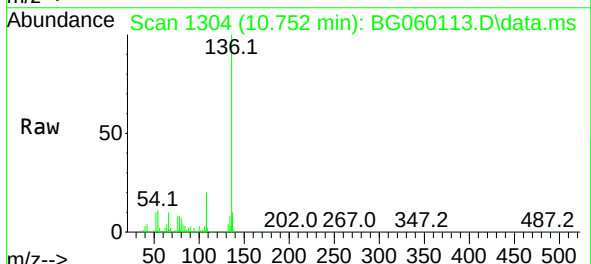
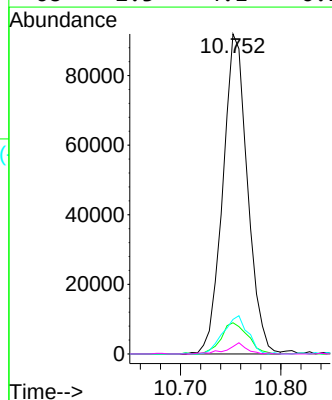
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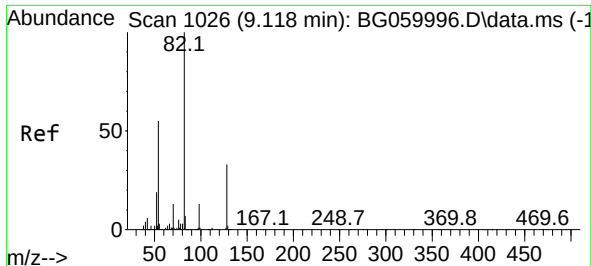
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1304
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

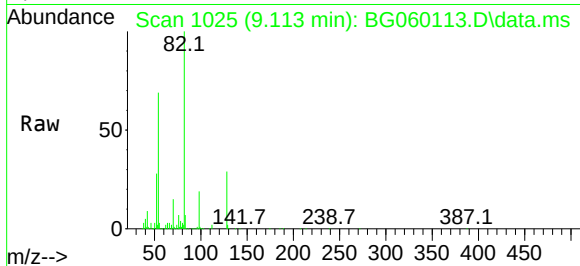
Tgt Ion:136 Resp: 156719
Ion Ratio Lower Upper
136 100
137 9.7 7.3 10.9
54 10.8 9.6 14.4
68 2.3 4.1 6.1





#23
Nitrobenzene-d5
Concen: 62.701 ng
RT: 9.113 min Scan# 1025
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

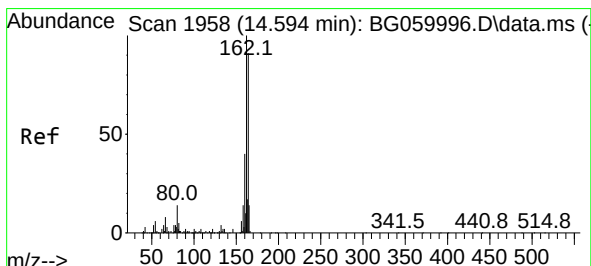
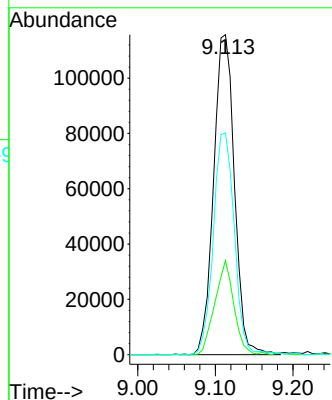
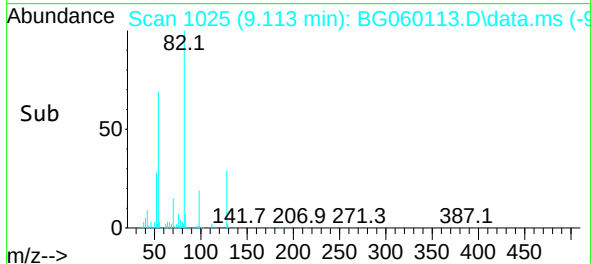
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11



Tgt Ion: 82 Resp: 216404
Ion Ratio Lower Upper
82 100
128 29.5 26.3 39.5
54 69.3 44.3 66.5

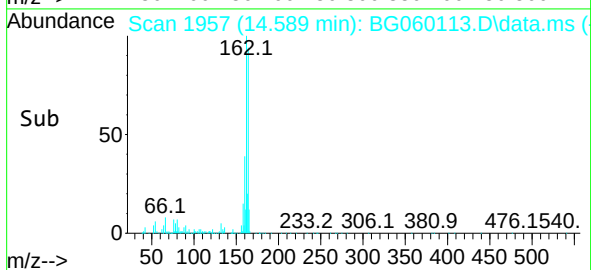
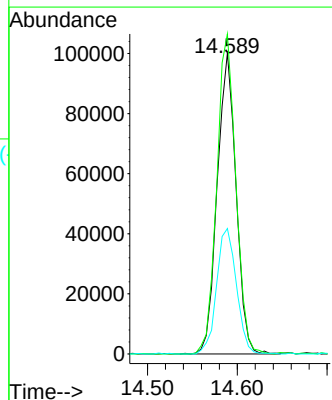
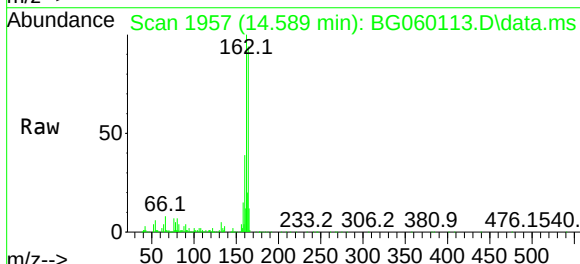
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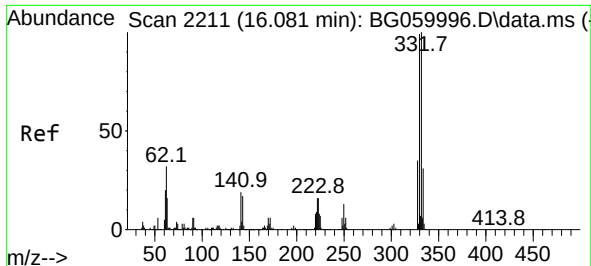
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion:164 Resp: 145985
Ion Ratio Lower Upper
164 100
162 106.3 88.1 132.1
160 41.7 35.4 53.0





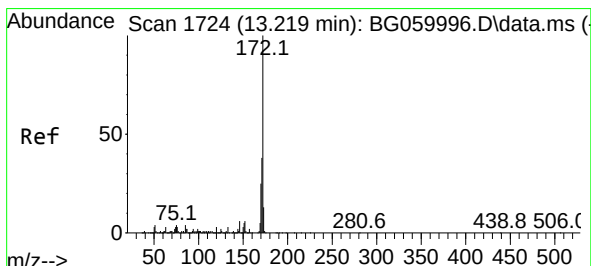
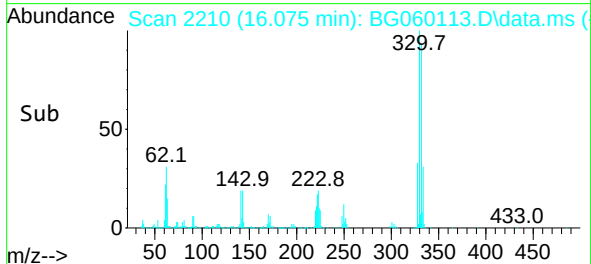
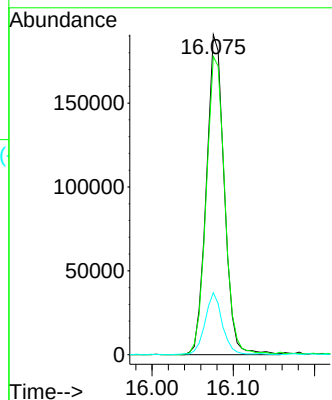
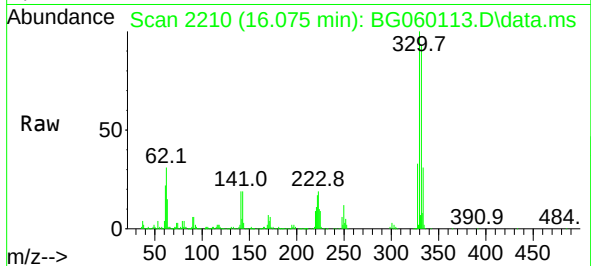
#42
2,4,6-Tribromophenol
Concen: 85.470 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

Tgt Ion:330 Resp: 29078
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 18.8 14.3 21.5

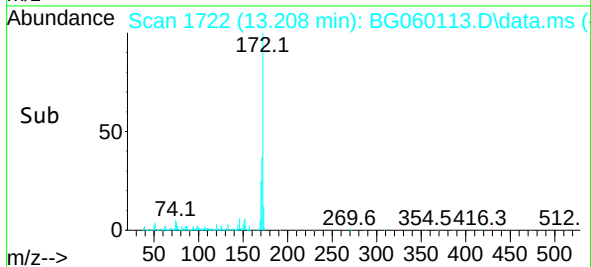
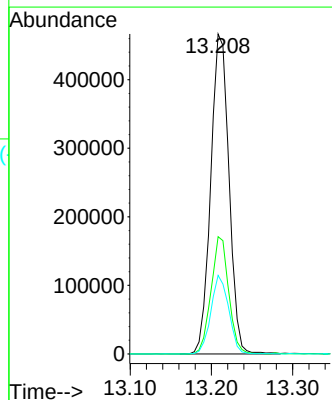
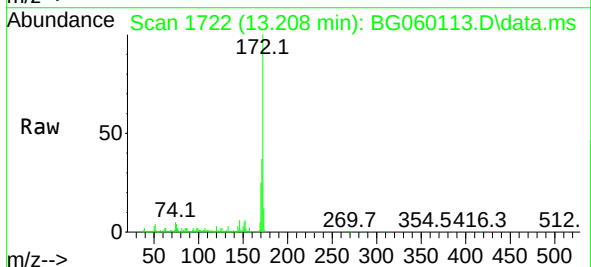
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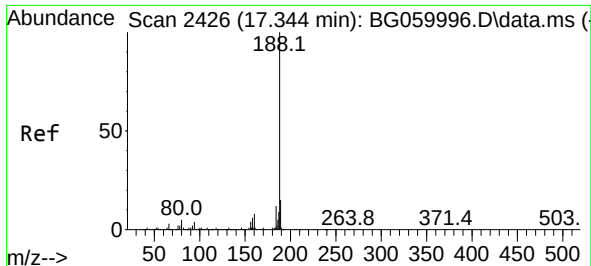
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#45
2-Fluorobiphenyl
Concen: 60.962 ng
RT: 13.208 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

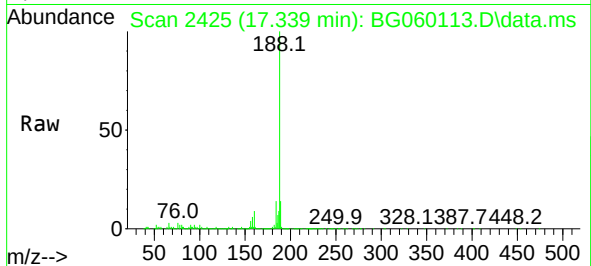
Tgt Ion:172 Resp: 727145
Ion Ratio Lower Upper
172 100
171 36.7 30.1 45.1
170 24.5 20.0 30.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

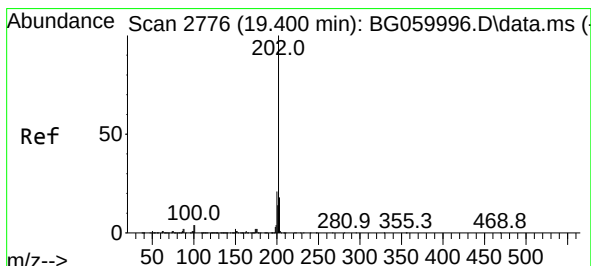
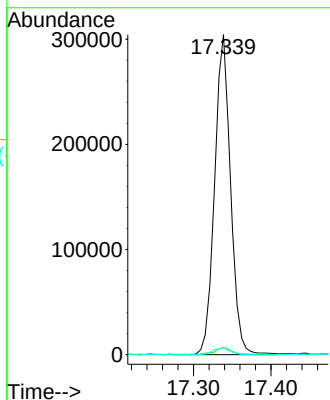
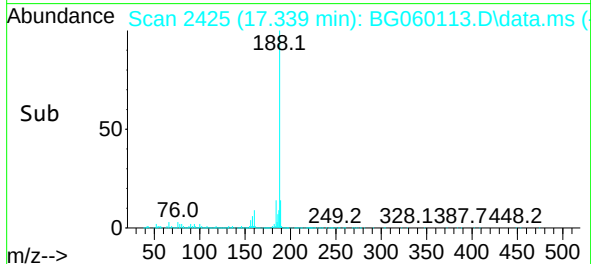
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11



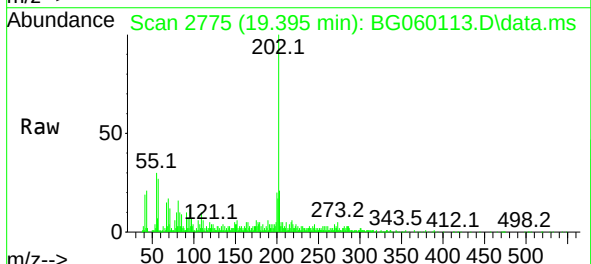
Tgt Ion:188 Resp: 434720
Ion Ratio Lower Upper
188 100
94 2.3 3.0 4.6
80 2.2 4.0 6.0

Manual Integrations
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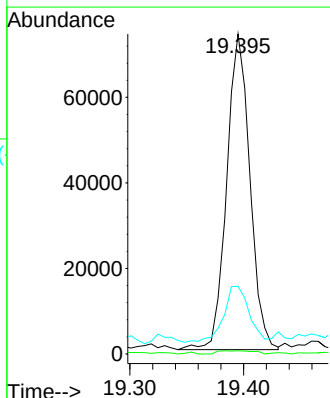
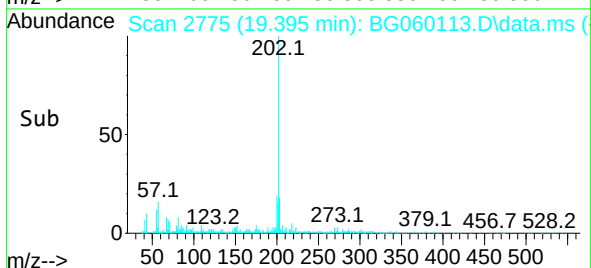
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

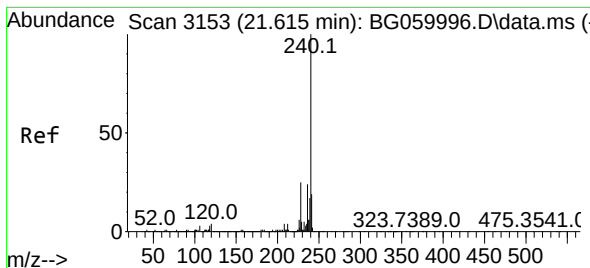


#75
Fluoranthene
Concen: 3.411 ng
RT: 19.395 min Scan# 2775
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36



Tgt Ion:202 Resp: 104801
Ion Ratio Lower Upper
202 100
101 1.0 0.0 24.2
203 21.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3153

Delta R.T. -0.003 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-10-11

Tgt Ion:240 Resp: 570384

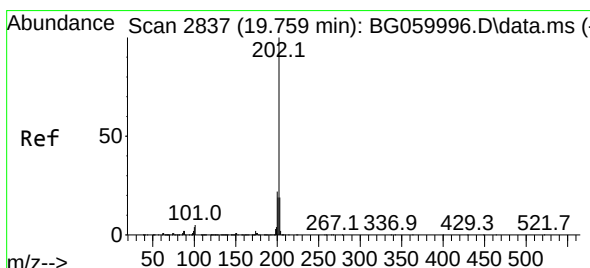
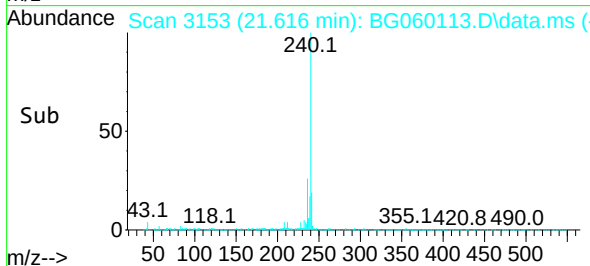
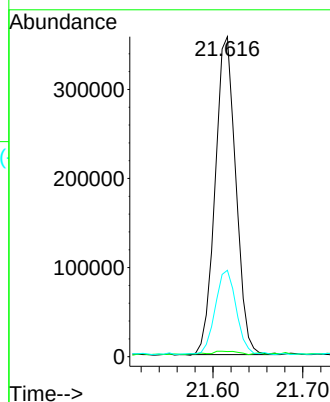
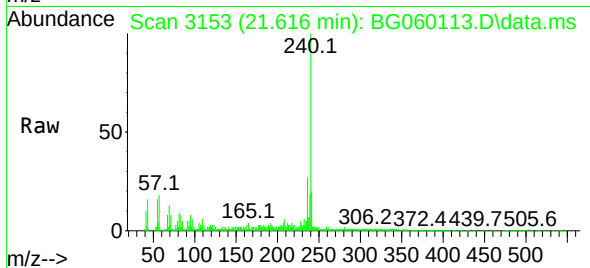
Ion	Ratio	Lower	Upper
240	100		
120	1.6	2.9	4.3
236	27.0	19.4	29.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#78

Pyrene

Concen: 3.280 ng m

RT: 19.759 min Scan# 2837

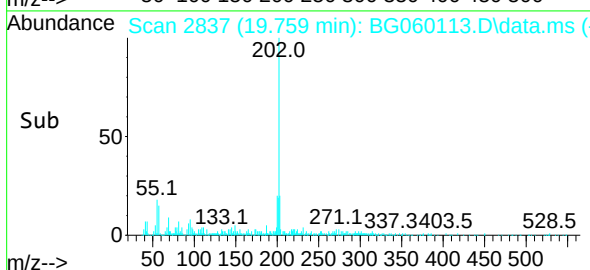
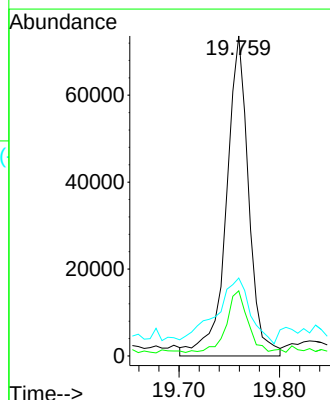
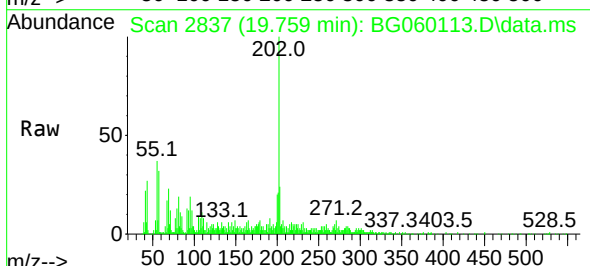
Delta R.T. -0.003 min

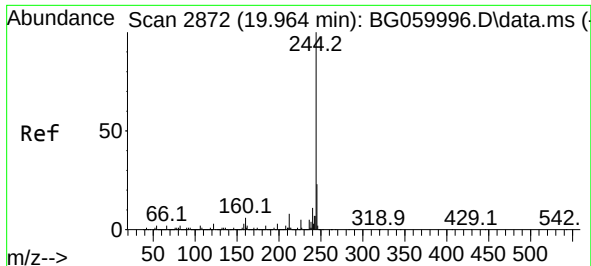
Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

Tgt Ion:202 Resp: 113401

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	24.3	14.9	22.3





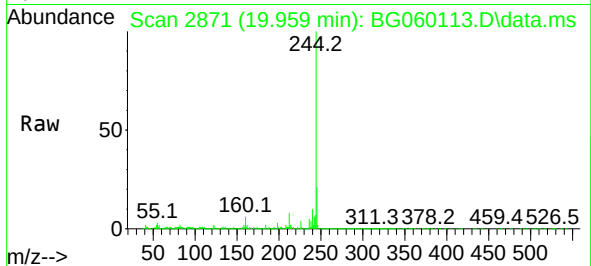
#79
 Terphenyl-d14
 Concen: 57.927 ng
 RT: 19.959 min Scan# 2871
 Delta R.T. -0.009 min
 Lab File: BG060113.D
 Acq: 21 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-10-11



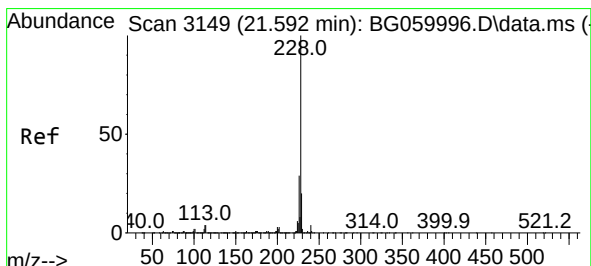
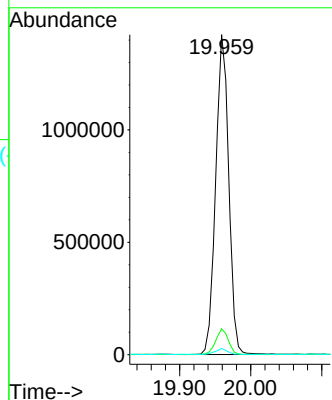
Tgt Ion:244 Resp: 180974
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.8 10.2
 122 2.0 2.6 3.8

Manual Integrations

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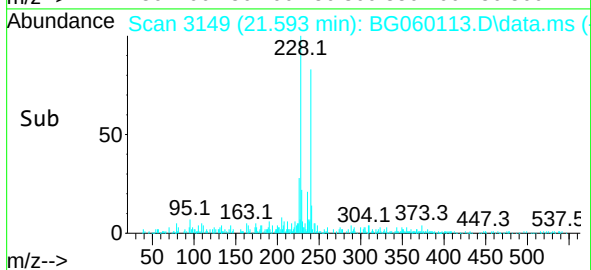
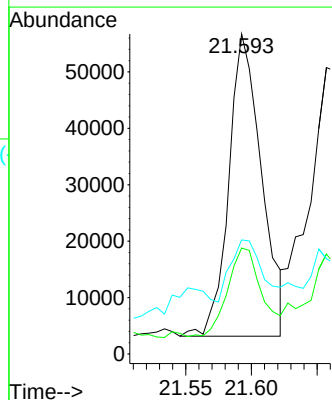
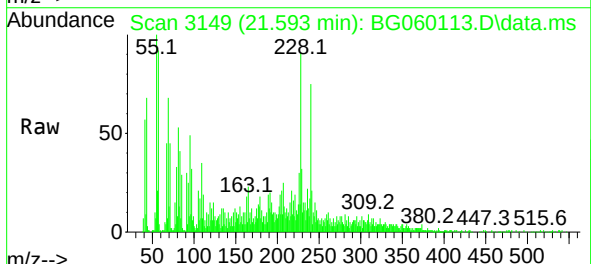
Reviewed By :Yogesh Patel 12/21/2023

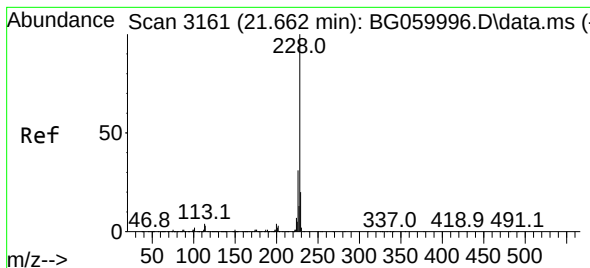
Supervised By :mohammad ahmed 12/21/2023



#81
 Benzo(a)anthracene
 Concen: 2.434 ng
 RT: 21.593 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BG060113.D
 Acq: 21 Dec 2023 00:36

Tgt Ion:228 Resp: 93272
 Ion Ratio Lower Upper
 228 100
 226 33.1 22.9 34.3
 229 35.7 16.2 24.2





#83

Chrysene

Concen: 2.617 ng

RT: 21.657 min Scan# 3161

Delta R.T. -0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-10-11

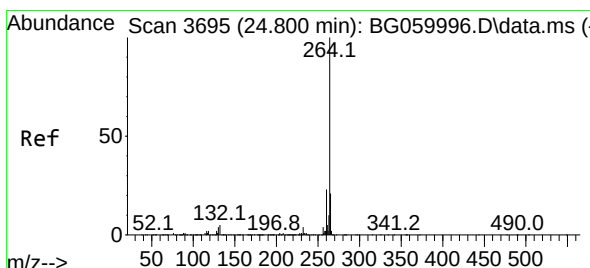
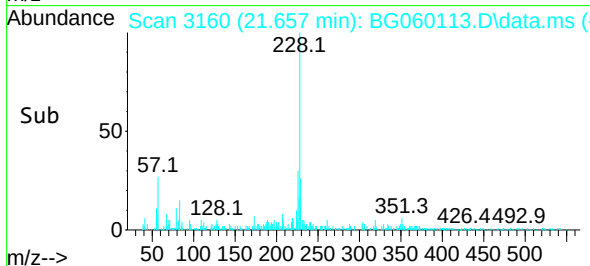
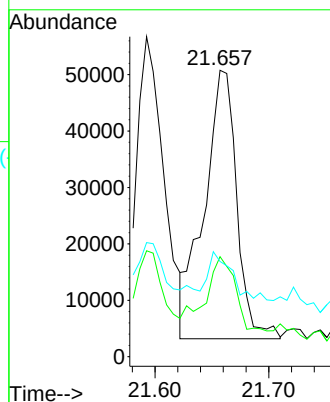
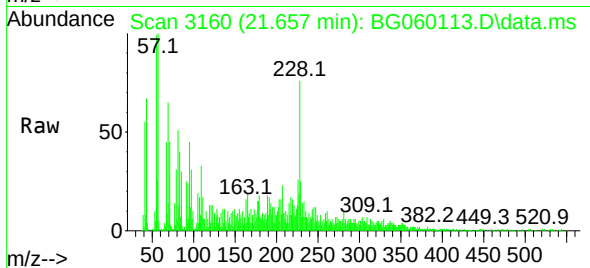
Tgt Ion:	228	Resp:	9497
Ion Ratio	Lower	Upper	
228	100		
226	34.9	25.0	37.6
229	33.2	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#86

Perylene-d12

Concen: 20.000 ng

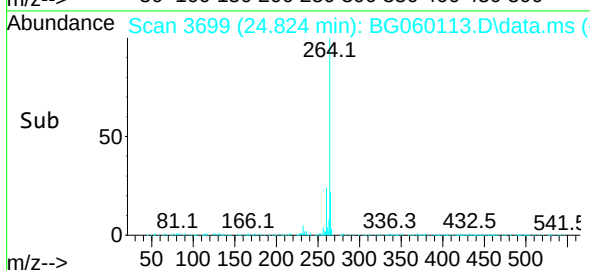
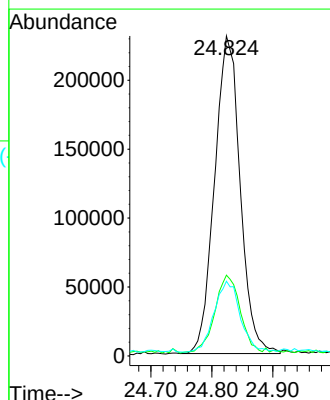
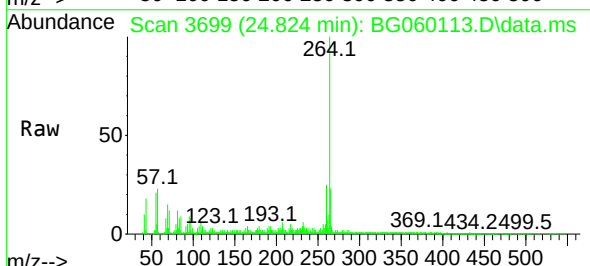
RT: 24.824 min Scan# 3699

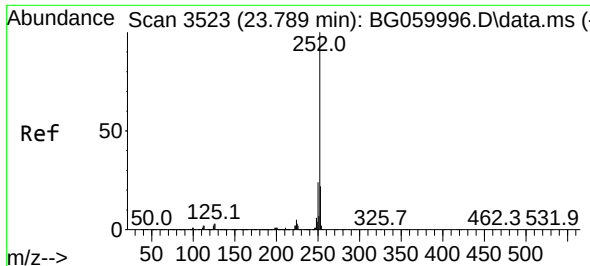
Delta R.T. 0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

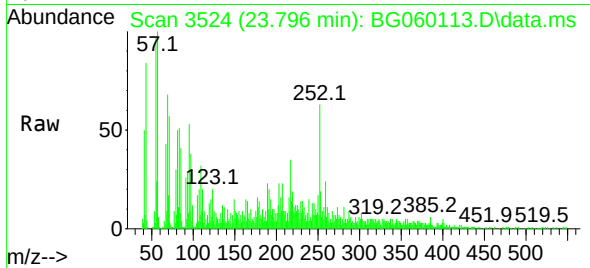
Tgt Ion:	264	Resp:	672215
Ion Ratio	Lower	Upper	
264	100		
260	25.3	18.5	27.7
265	23.3	17.3	25.9





#88
Benzo(b)fluoranthene
Concen: 2.833 ng
RT: 23.796 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

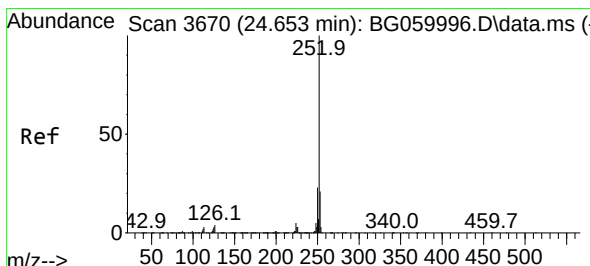
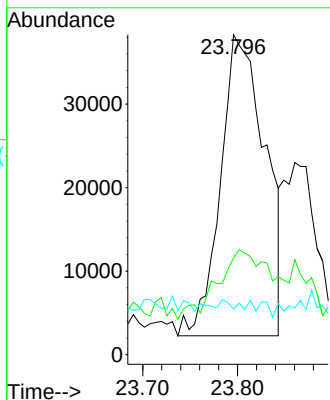
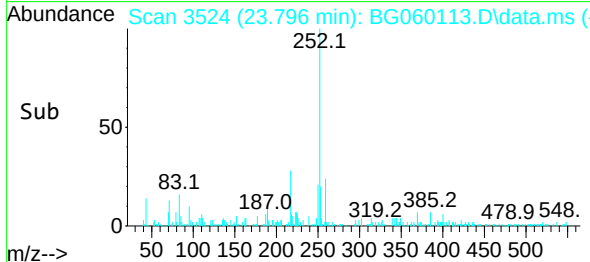
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11



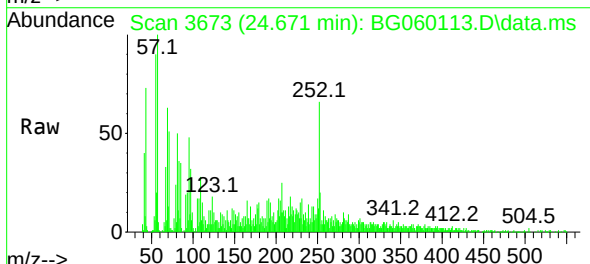
Tgt Ion:252 Resp: 11763
Ion Ratio Lower Upper
252 100
253 30.2 17.4 26.2
125 14.3 2.6 4.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#90
Benzo(a)pyrene
Concen: 2.476 ng
RT: 24.671 min Scan# 3673
Delta R.T. 0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36



Tgt Ion:252 Resp: 91073
Ion Ratio Lower Upper
252 100
253 29.9 17.1 25.7#
125 15.8 2.6 4.0#

