

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
 Data File : BG061119.D
 Acq On : 6 May 2024 14:05
 Operator : MA/JU
 Sample : P2375-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMP

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 06 15:02:16 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	7.935	152	28143	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	110082	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	82240	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	188843	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	189347	20.000	ng	-0.02
86) Perylene-d12	24.692	264	157444	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	127155	91.888	ng	-0.02
7) Phenol-d6	7.107	99	170882	83.476	ng	-0.03
23) Nitrobenzene-d5	9.087	82	123735	55.720	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	130643	79.475	ng	-0.02
45) 2-Fluorobiphenyl	13.188	172	334508	60.146	ng	-0.02
79) Terphenyl-d14	19.933	244	623162	54.736	ng	-0.02
Target Compounds						
75) Fluoranthene	19.369	202	33377	2.822	ng	Qvalue 95
78) Pyrene	19.727	202	34018m	2.826	ng	
83) Chrysene	21.613	228	24176m	2.083	ng	
88) Benzo(b)fluoranthene	23.717	252	24111	2.741	ng	# 96

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

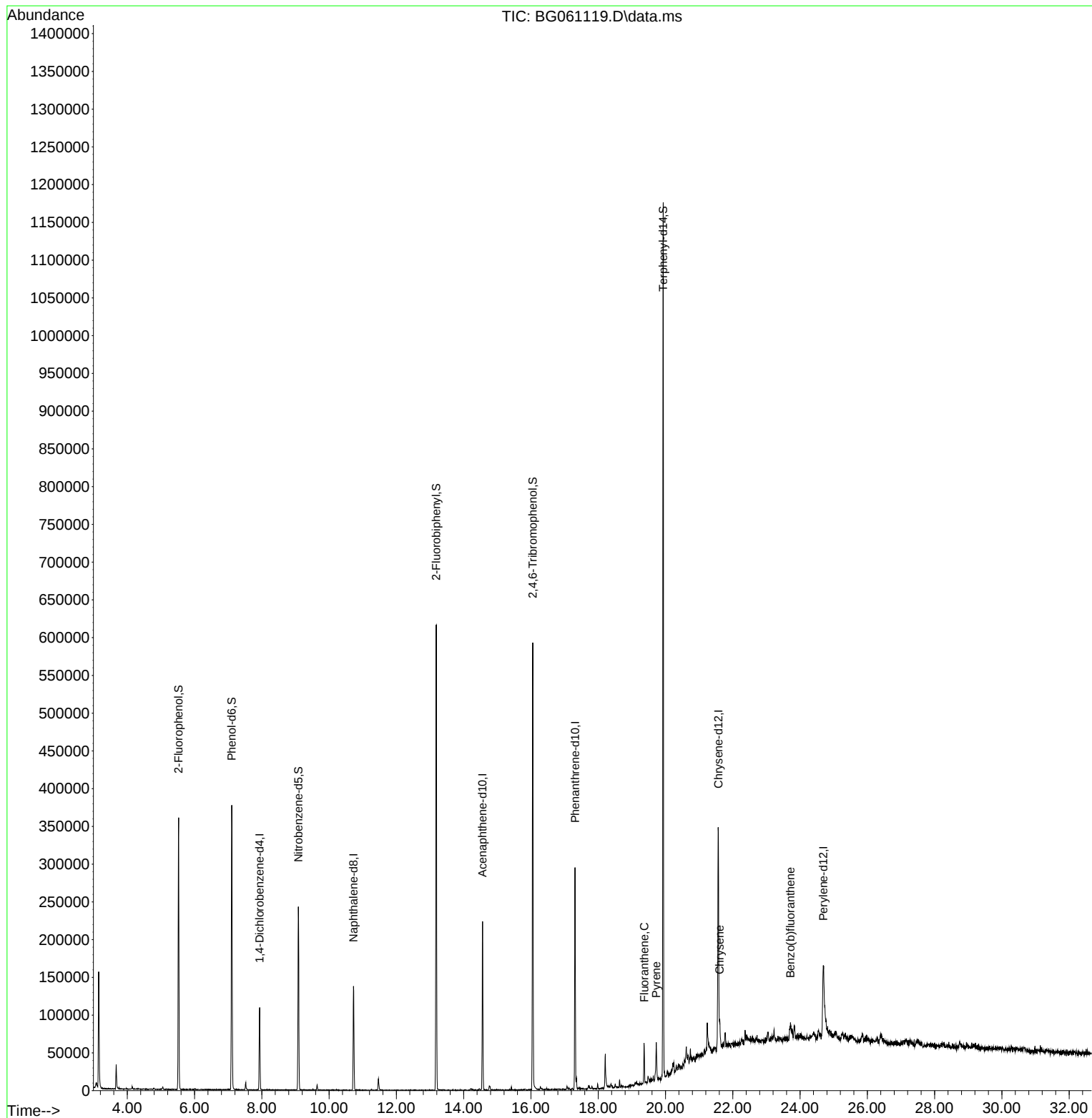
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
Data File : BG061119.D
Acq On : 6 May 2024 14:05
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Sample : P2375-01
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ALS Vial : 5 Sample Multiplier: 1

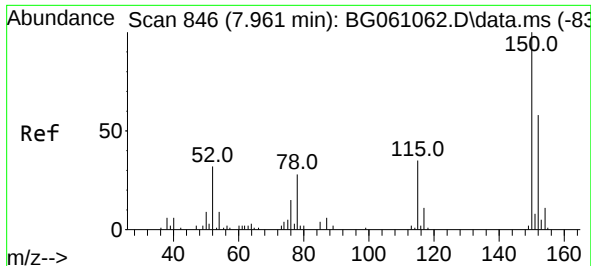
Instrument :
BNA_G
ClientSampleId :
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Quant Time: May 06 15:02:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration





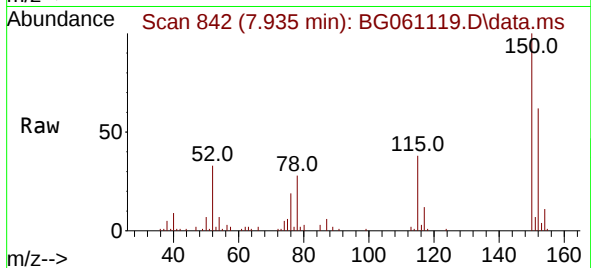
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 846
Delta R.T. -0.026 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP

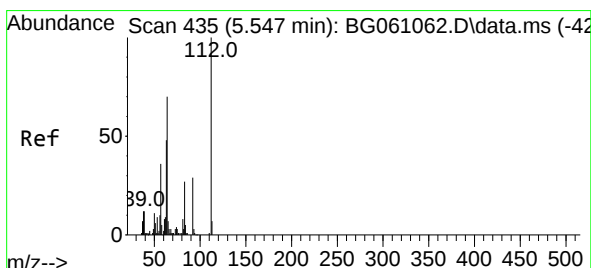
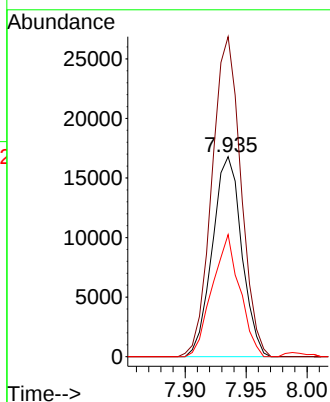
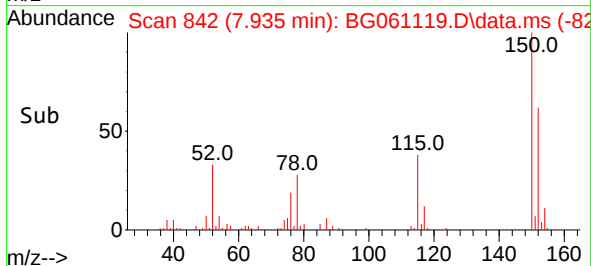


Tgt Ion:152 Resp: 2814
Ion Ratio Lower Upper
152 100
150 160.1 138.3 207.5
115 61.0 48.0 72.0

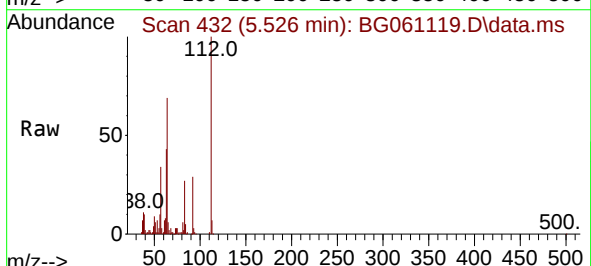
Manual Integrations

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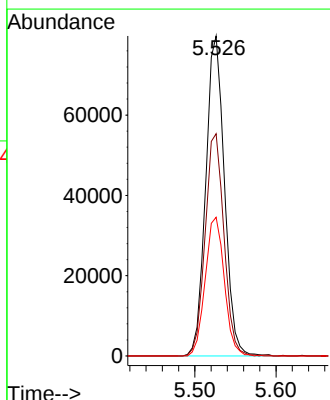
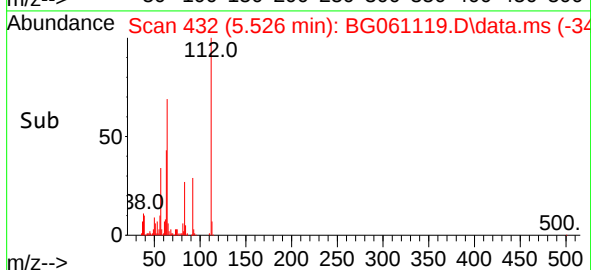
Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024



#5
2-Fluorophenol
Concen: 91.888 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05



Tgt Ion:112 Resp: 127155
Ion Ratio Lower Upper
112 100
64 69.4 55.7 83.5
63 43.4 38.1 57.1





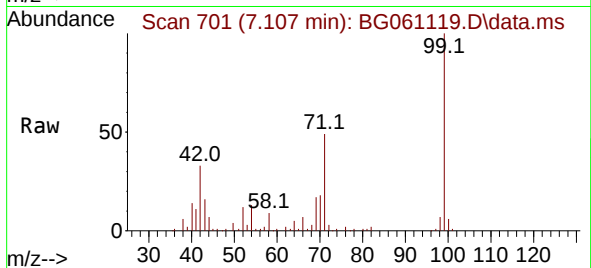
#7
Phenol-d6
Concen: 83.476 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP

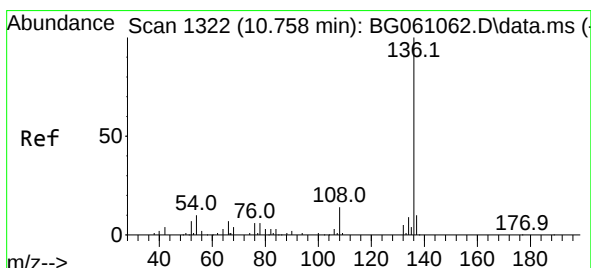
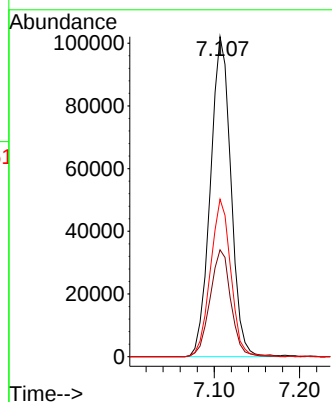
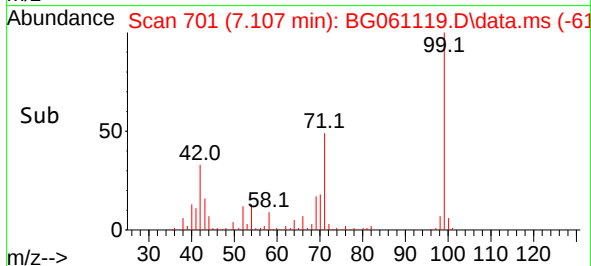


Tgt Ion: 99 Resp: 170882
Ion Ratio Lower Upper
99 100
42 33.4 29.2 43.8
71 49.2 39.7 59.5

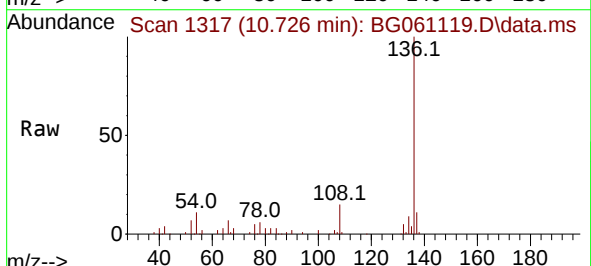
Manual Integrations

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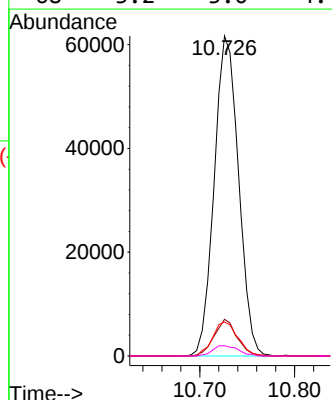
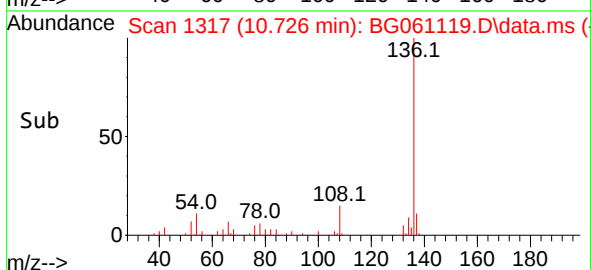
Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024

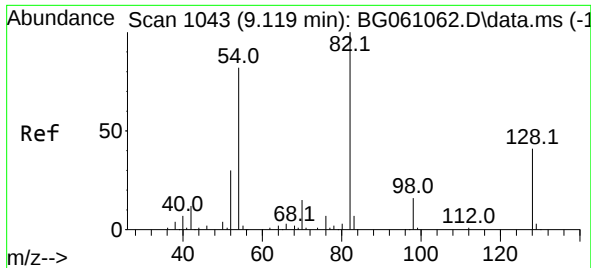


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05



Tgt Ion:136 Resp: 110082
Ion Ratio Lower Upper
136 100
137 11.4 7.8 11.6
54 10.6 8.1 12.1
68 3.2 3.0 4.4





#23
Nitrobenzene-d5
Concen: 55.720 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Instrument :

BNA_G

ClientSampleId :

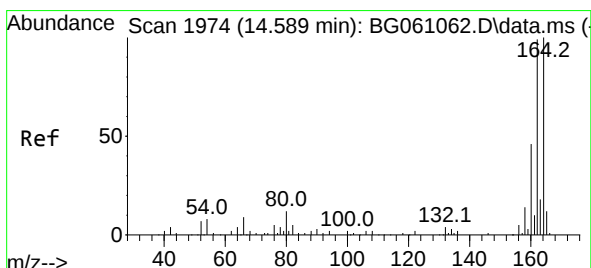
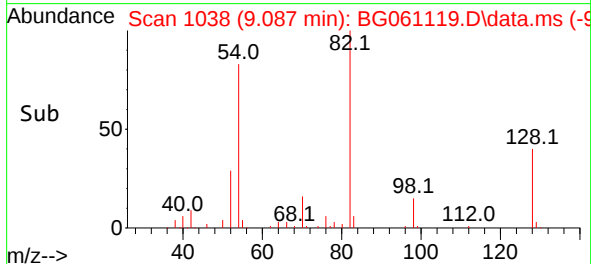
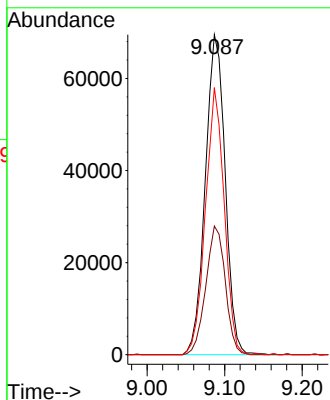
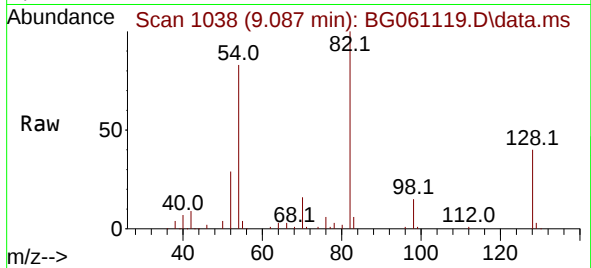
WC-A-COMP

Tgt Ion: 82 Resp: 123738
Ion Ratio Lower Upper
82 100
128 40.2 32.7 49.1
54 83.4 65.6 98.4

Manual Integrations

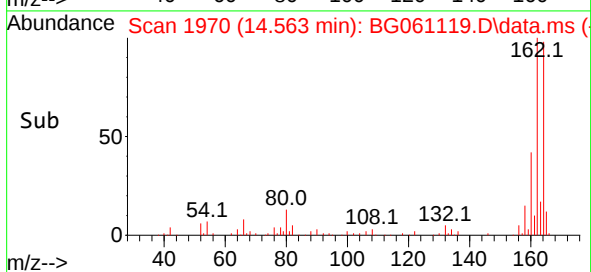
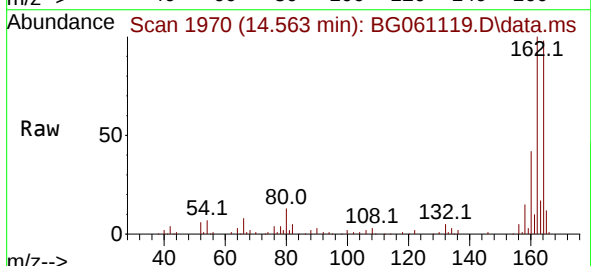
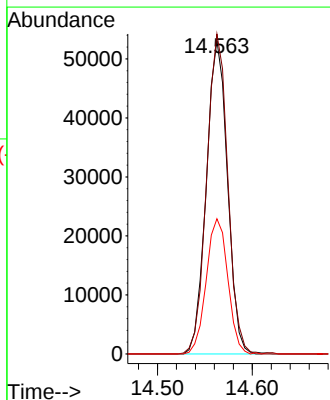
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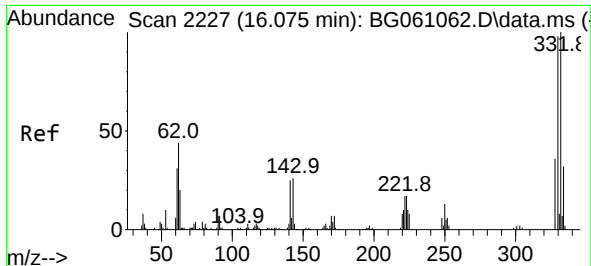
Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.026 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Tgt Ion:164 Resp: 82240
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 43.2 37.0 55.6





#42
2,4,6-Tribromophenol
Concen: 79.475 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Instrument :

BNA_G

ClientSampleId :

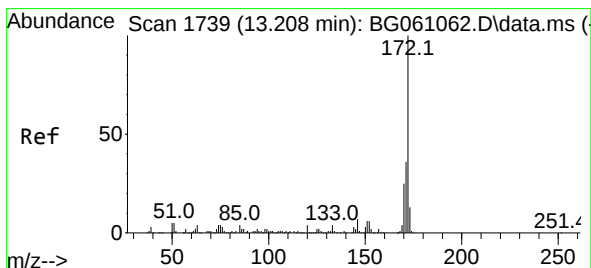
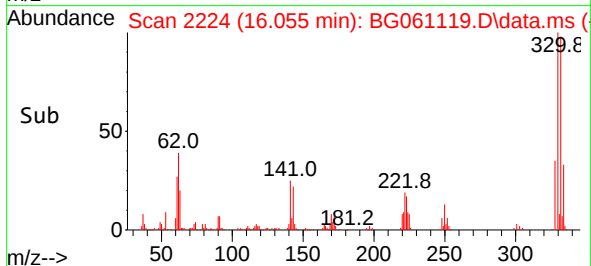
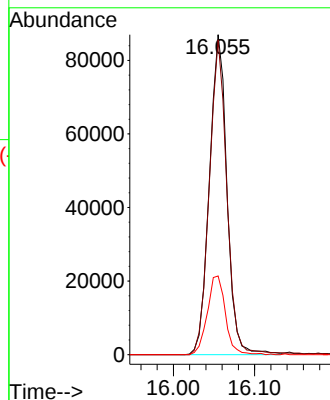
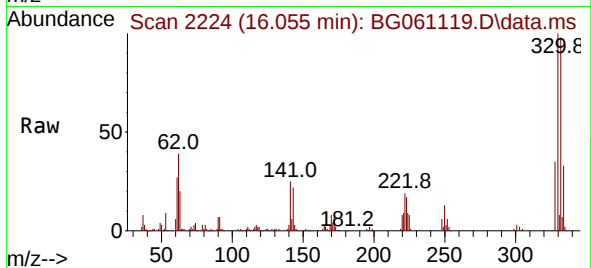
WC-A-COMP

Tgt Ion:330 Resp: 13064
Ion Ratio Lower Upper
330 100
332 98.3 78.6 117.8
141 25.4 20.5 30.7

Manual Integrations

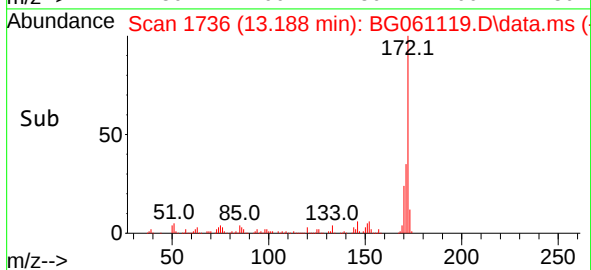
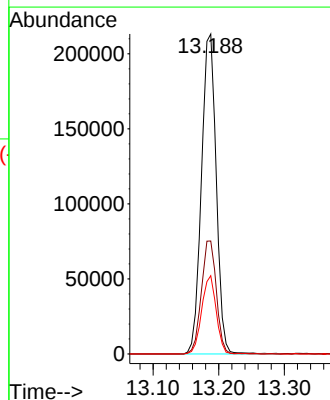
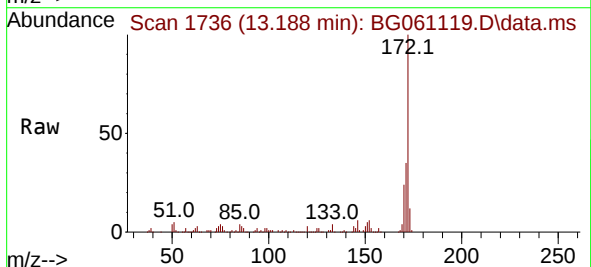
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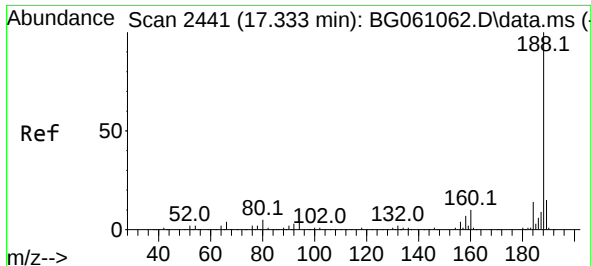
Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024



#45
2-Fluorobiphenyl
Concen: 60.146 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Tgt Ion:172 Resp: 334508
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.6
170 24.5 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2441
Delta R.T. -0.020 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Instrument :

BNA_G

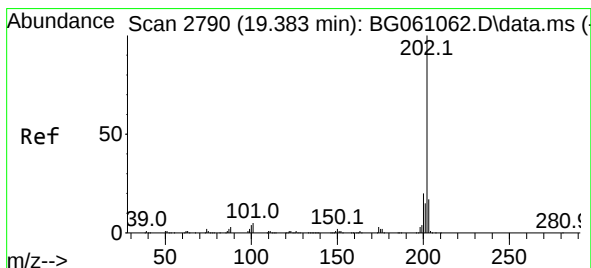
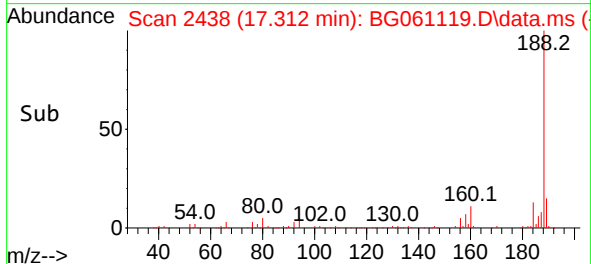
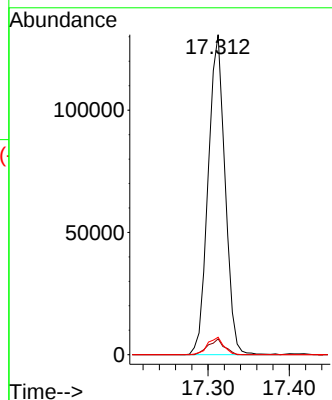
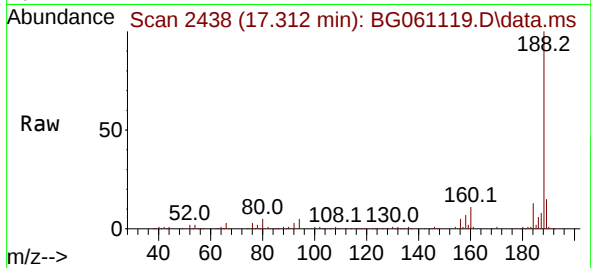
ClientSampleId :

WC-A-COMP

Tgt Ion:188 Resp: 18884
Ion Ratio Lower Upper
188 100
94 5.0 3.6 5.4
80 5.5 4.2 6.2

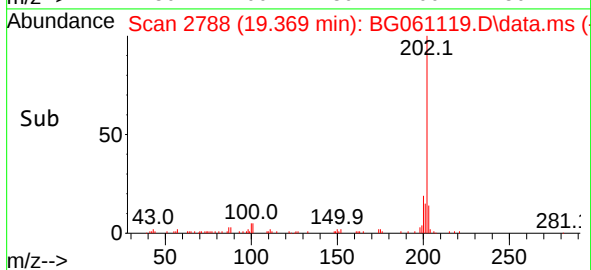
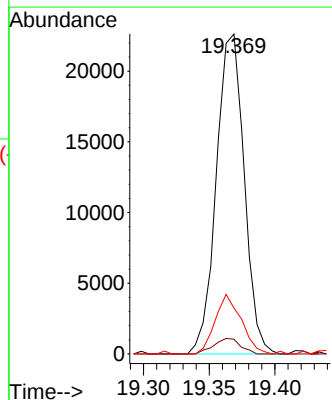
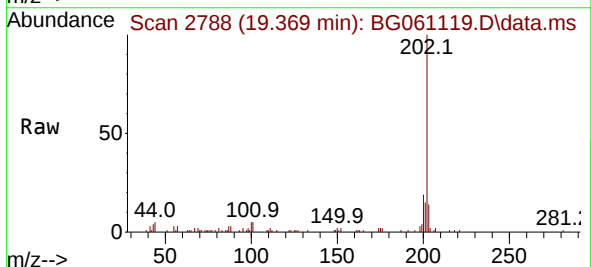
Manual Integrations
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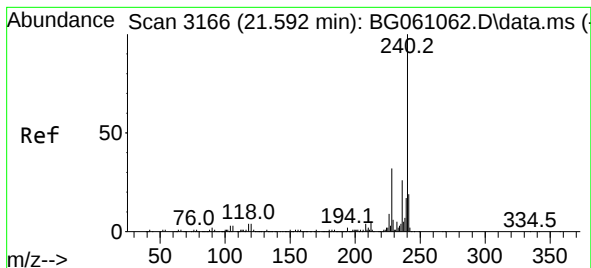
Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024



#75
Fluoranthene
Concen: 2.822 ng
RT: 19.369 min Scan# 2788
Delta R.T. -0.015 min
Lab File: BG061119.D
Acq: 6 May 2024 14:05

Tgt Ion:202 Resp: 33377
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.7
203 14.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3166

Delta R.T. -0.020 min

Lab File: BG061119.D

Acq: 6 May 2024 14:05

Instrument :

BNA_G

ClientSampleId :

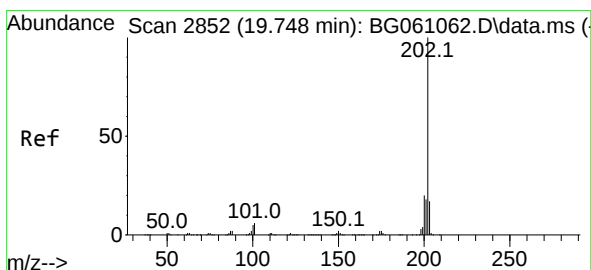
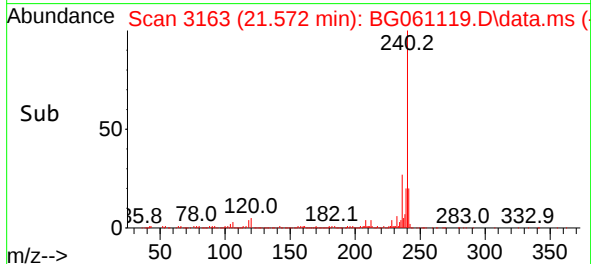
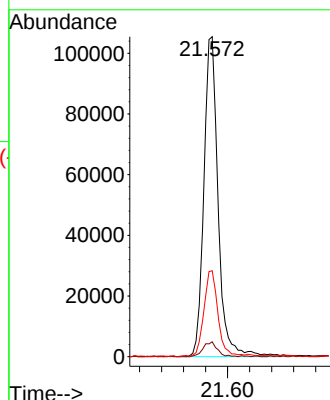
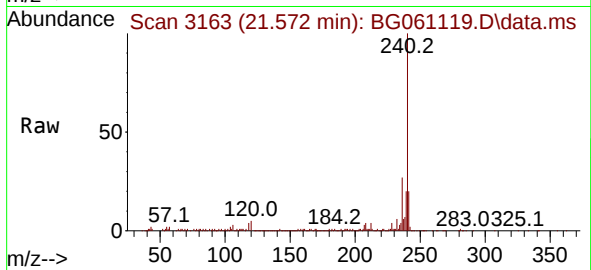
WC-A-COMP

Tgt Ion:	240	Resp:	18934
Ion Ratio	Lower	Upper	
240	100		
120	4.7	3.2	4.8
236	26.8	21.0	31.6

Manual Integrations

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Supervised By :mohammad ahmed 05/08/2024



#78

Pyrene

Concen: 2.826 ng m

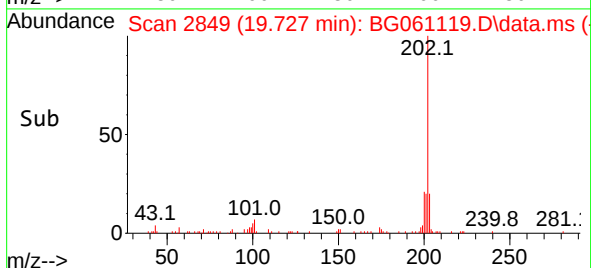
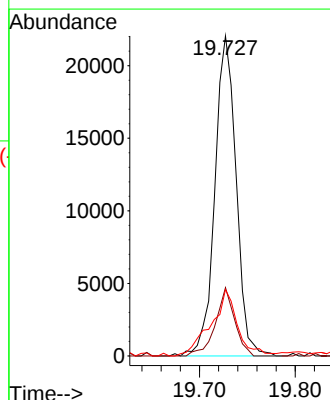
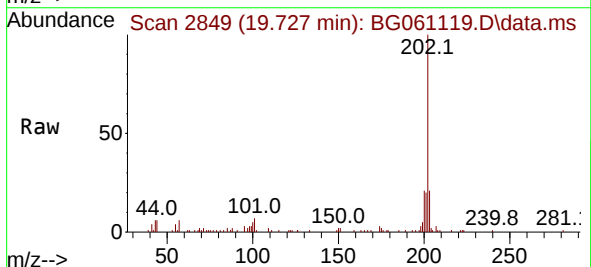
RT: 19.727 min Scan# 2849

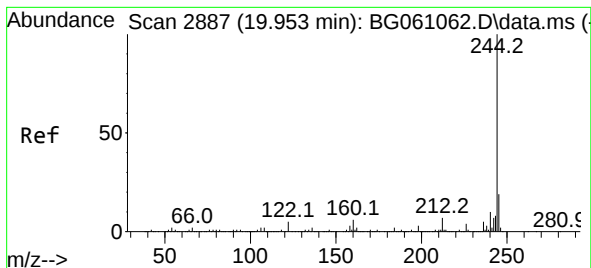
Delta R.T. -0.020 min

Lab File: BG061119.D

Acq: 6 May 2024 14:05

Tgt Ion:	202	Resp:	34018
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.2	24.4
203	20.8	13.3	19.9





#79

Terphenyl-d14

Concen: 54.736 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.020 min

Lab File: BG061119.D

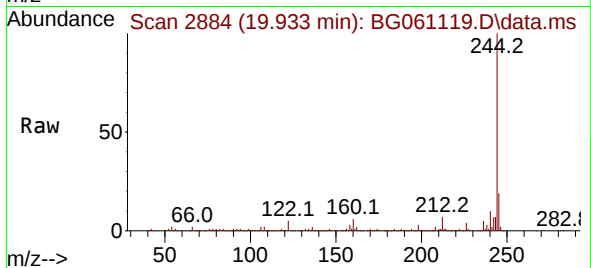
Acq: 6 May 2024 14:05

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP



Tgt Ion:244 Resp: 62316

Ion Ratio Lower Upper

244 100

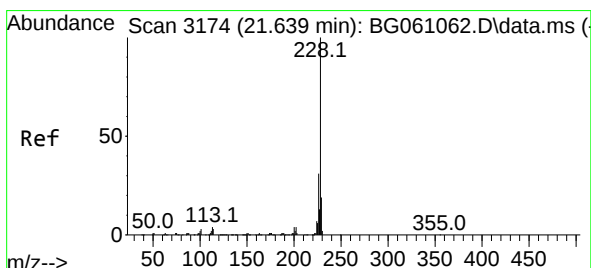
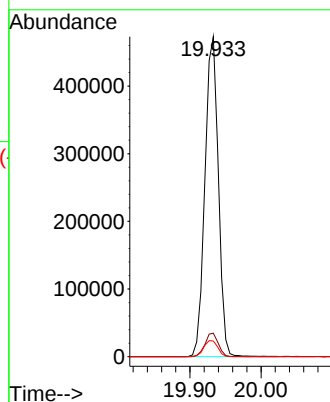
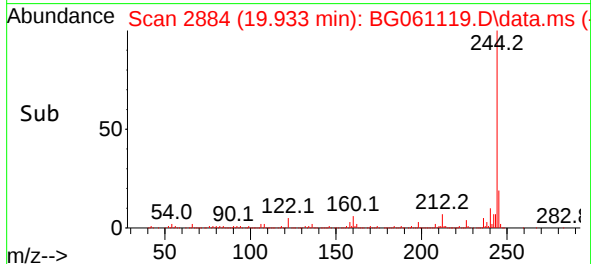
212 7.4 5.7 8.5

122 4.9 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024



#83

Chrysene

Concen: 2.083 ng m

RT: 21.613 min Scan# 3170

Delta R.T. -0.026 min

Lab File: BG061119.D

Acq: 6 May 2024 14:05

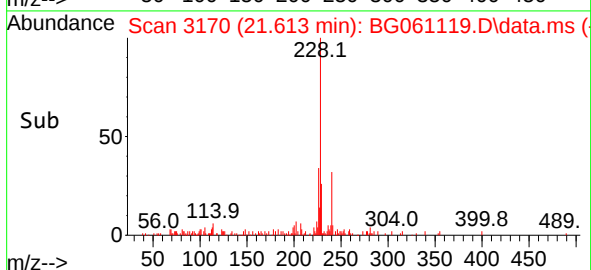
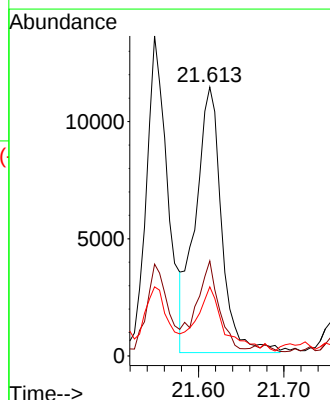
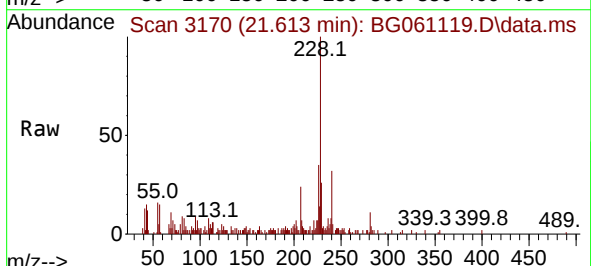
Tgt Ion:228 Resp: 24176

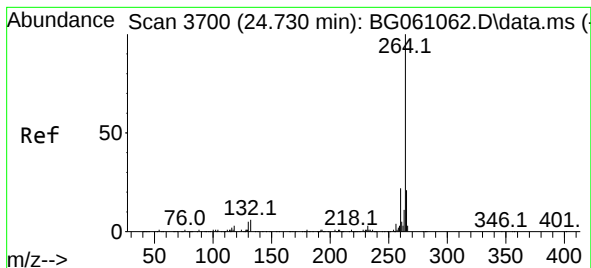
Ion Ratio Lower Upper

228 100

226 35.3 24.4 36.6

229 25.7 14.8 22.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.692 min Scan# 3

Delta R.T. -0.038 min

Lab File: BG061119.D

Acq: 6 May 2024 14:05

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP

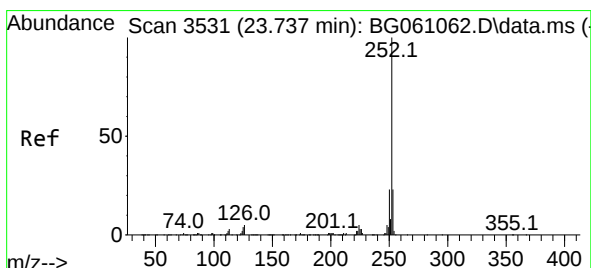
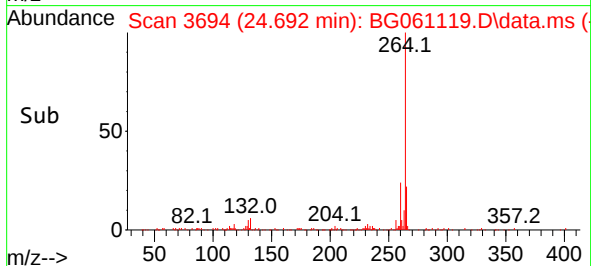
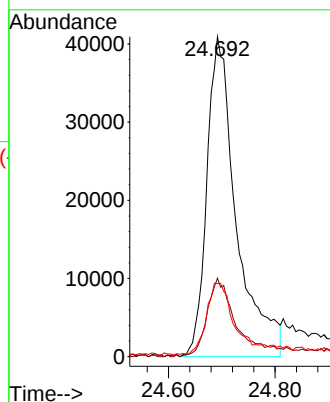
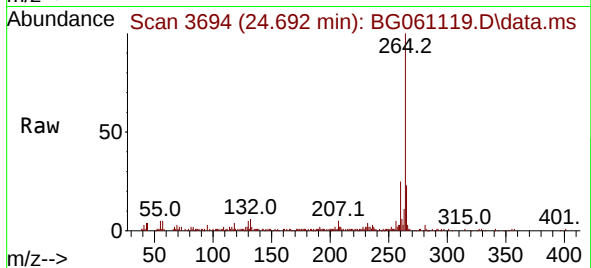
Tgt Ion:264 Resp: 15744

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.7	26.5
265	22.9	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024



#88

Benzo(b)fluoranthene

Concen: 2.741 ng

RT: 23.717 min Scan# 3528

Delta R.T. -0.020 min

Lab File: BG061119.D

Acq: 6 May 2024 14:05

Tgt Ion:252 Resp: 24111

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	5.6	3.4	5.0

