

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061112.D
 Acq On : 3 May 2024 18:54
 Operator : MA/JU
 Sample : P2362-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INSIDE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 23:01:30 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	29819	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	115910	20.000	ng	#-0.03
39) Acenaphthene-d10	14.563	164	86400	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	192506	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	192798	20.000	ng	-0.03
86) Perylene-d12	24.692	264	179784m	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	128107	87.372	ng	-0.02
7) Phenol-d6	7.113	99	182654	84.211	ng	-0.02
23) Nitrobenzene-d5	9.087	82	133546	57.115	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	144873	83.888	ng	-0.02
45) 2-Fluorobiphenyl	13.188	172	378092	64.710	ng	-0.02
79) Terphenyl-d14	19.933	244	693764	59.846	ng	-0.02

Target Compounds	Qvalue

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

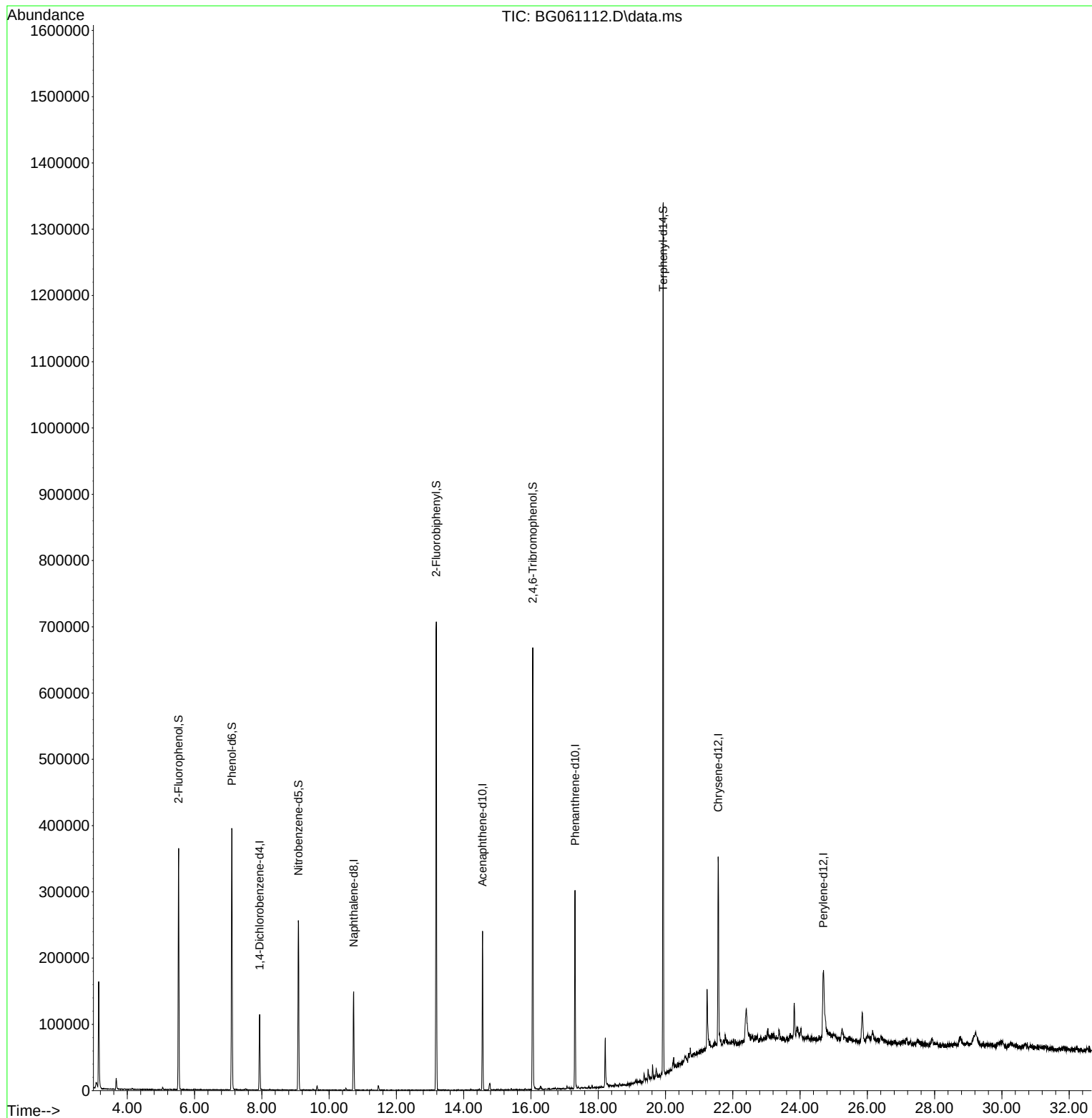
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061112.D
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Operator : MA/JU
Sample : P2362-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

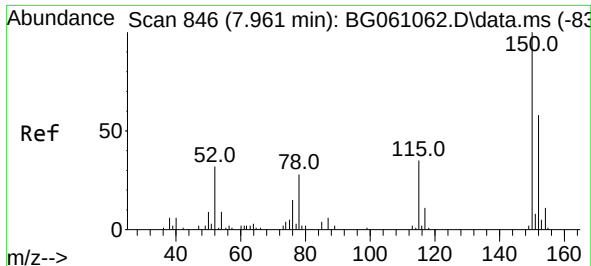
Instrument :
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Quant Time: May 03 23:01:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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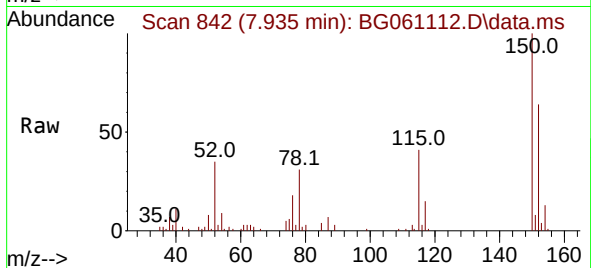
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 846
Delta R.T. -0.026 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Instrument :

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ClientSampleId :

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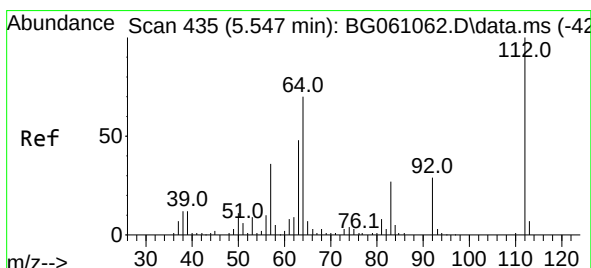
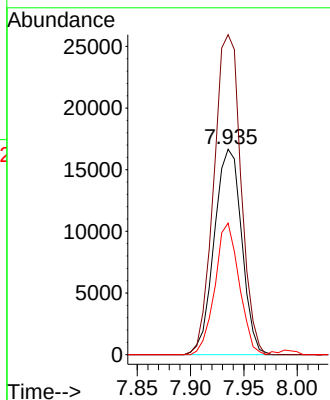
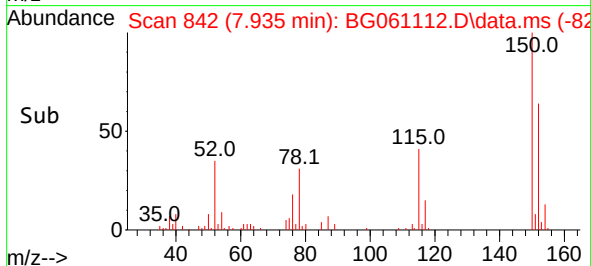


Tgt Ion:152 Resp: 29819
Ion Ratio Lower Upper
152 100
150 155.8 138.3 207.5
115 64.1 48.0 72.0

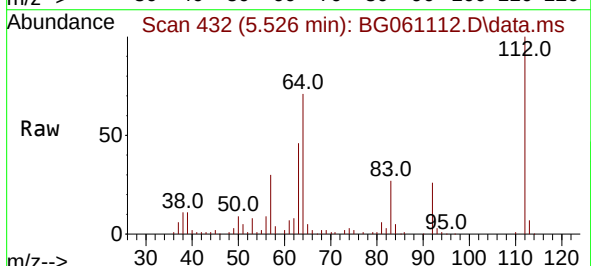
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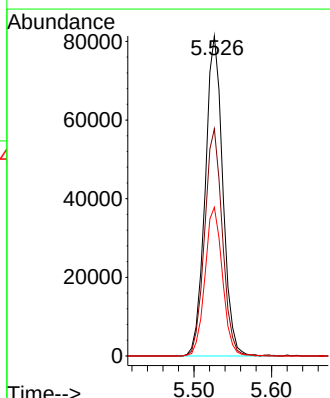
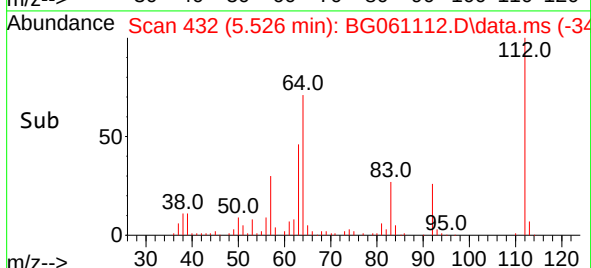
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

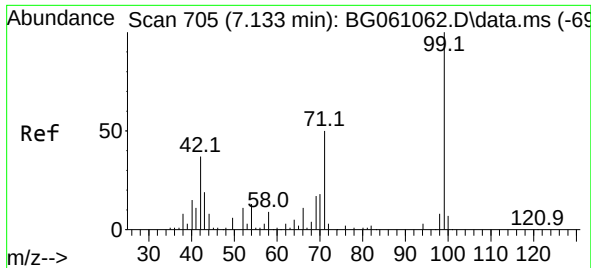


#5
2-Fluorophenol
Concen: 87.372 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54



Tgt Ion:112 Resp: 128107
Ion Ratio Lower Upper
112 100
64 71.0 55.7 83.5
63 46.4 38.1 57.1





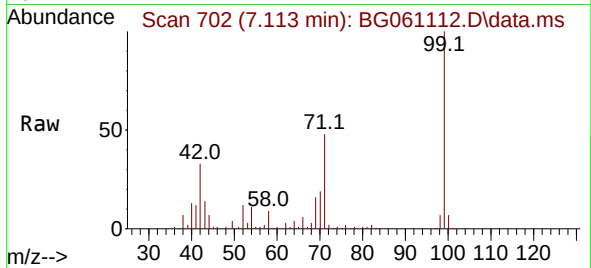
#7
Phenol-d6
Concen: 84.211 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

INSIDE

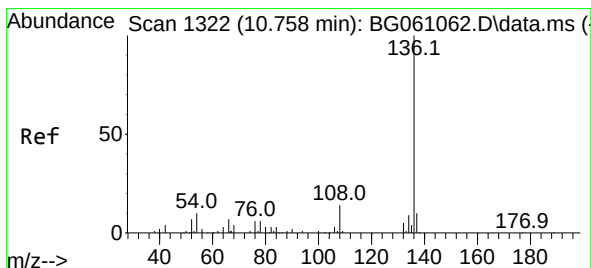
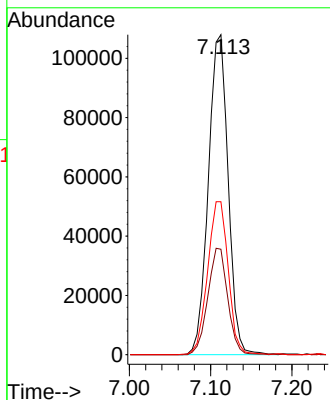
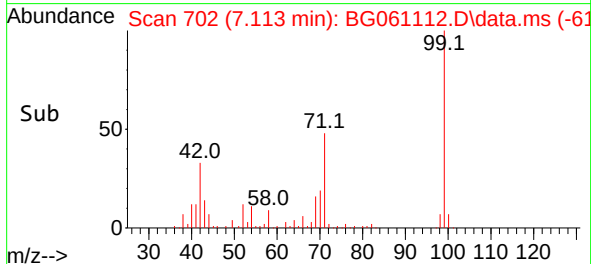


Tgt Ion: 99 Resp: 182654
Ion Ratio Lower Upper
99 100
42 33.0 29.2 43.8
71 47.8 39.7 59.5

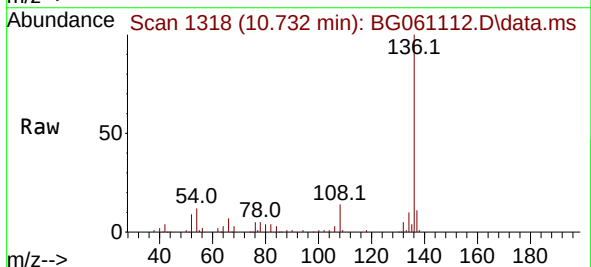
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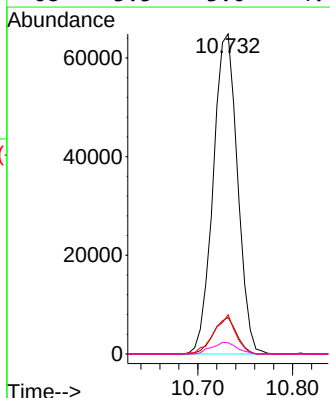
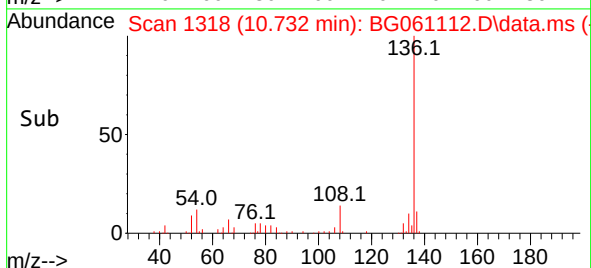
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

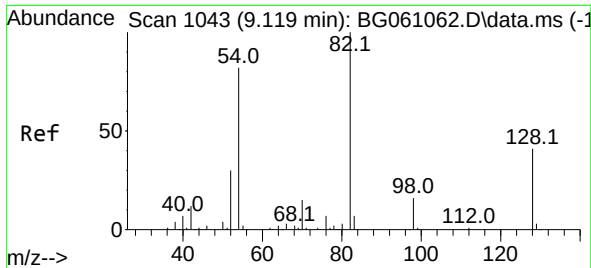


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1318
Delta R.T. -0.026 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54



Tgt Ion:136 Resp: 115910
Ion Ratio Lower Upper
136 100
137 11.4 7.8 11.6
54 12.3 8.1 12.1#
68 3.5 3.0 4.4





#23

Nitrobenzene-d5

Concen: 57.115 ng

RT: 9.087 min Scan# 1038

Delta R.T. -0.032 min

Lab File: BG061112.D

Acq: 3 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

INSIDE

Tgt Ion: 82 Resp: 133540

Ion Ratio Lower Upper

82 100

128 41.4 32.7 49.1

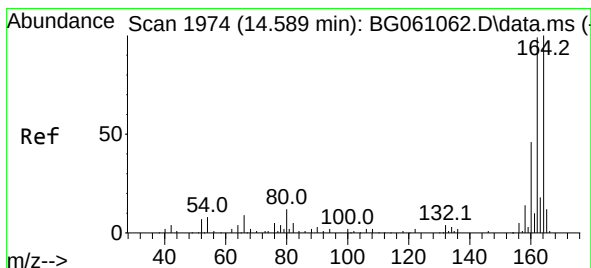
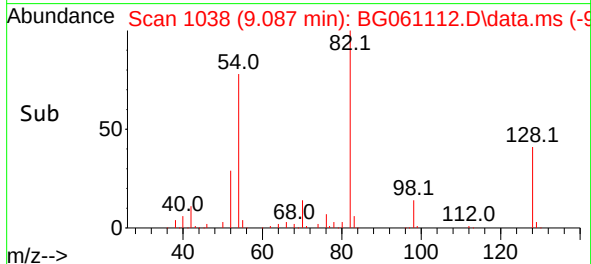
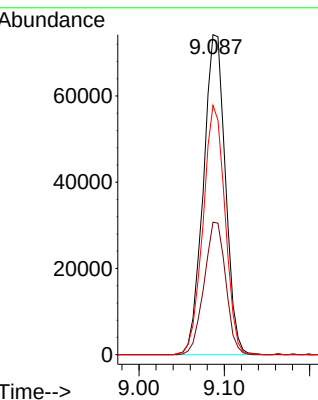
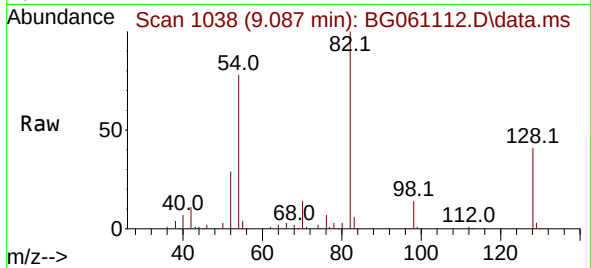
54 77.9 65.6 98.4

Manual Integrations

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Supervised By :mohammad ahmed 05/06/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1970

Delta R.T. -0.026 min

Lab File: BG061112.D

Acq: 3 May 2024 18:54

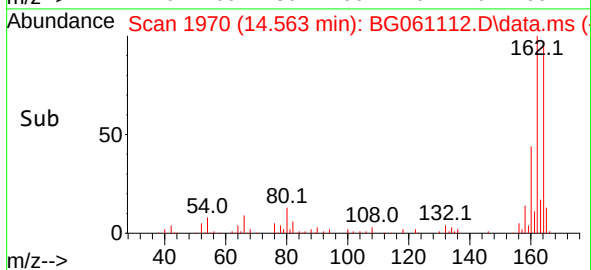
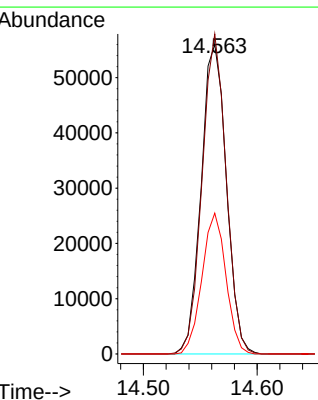
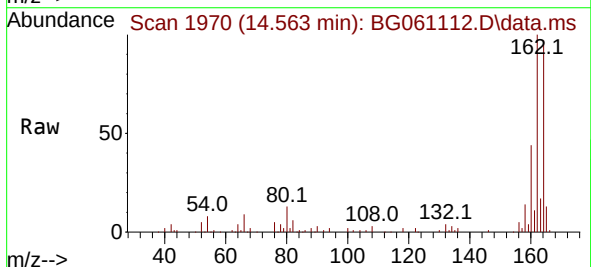
Tgt Ion:164 Resp: 86400

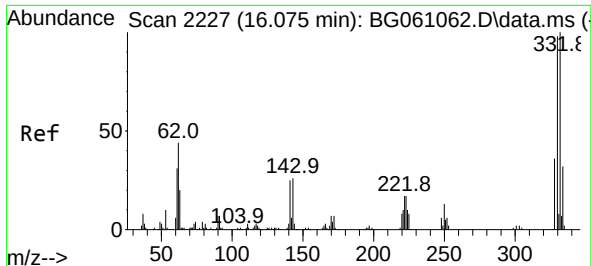
Ion Ratio Lower Upper

164 100

162 103.3 79.4 119.2

160 45.5 37.0 55.6





#42
2,4,6-Tribromophenol
Concen: 83.888 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

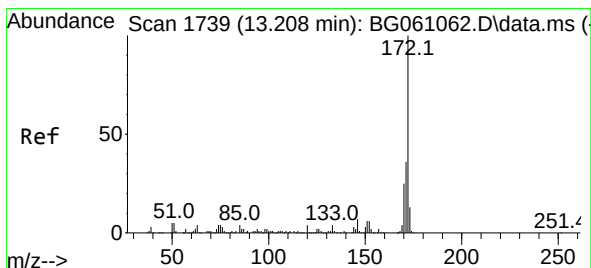
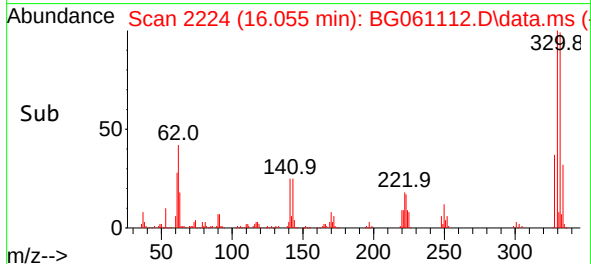
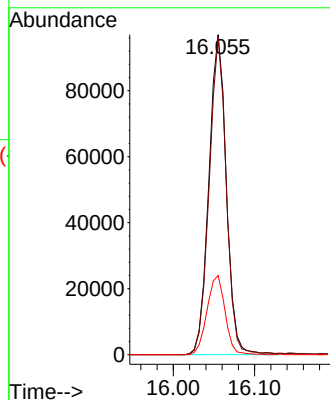
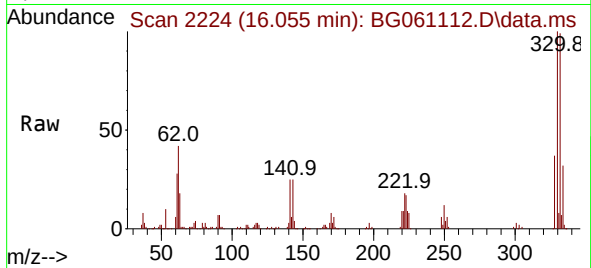
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Tgt Ion:330 Resp: 14487
Ion Ratio Lower Upper
330 100
332 97.2 78.6 117.8
141 25.5 20.5 30.7

Manual Integrations

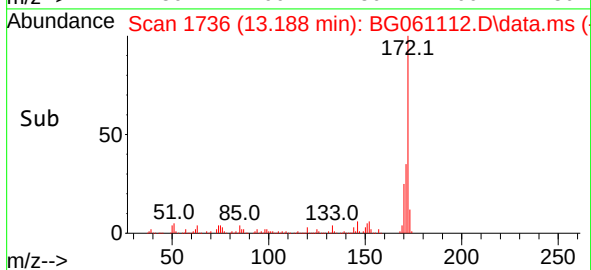
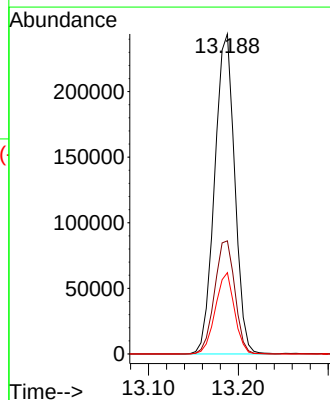
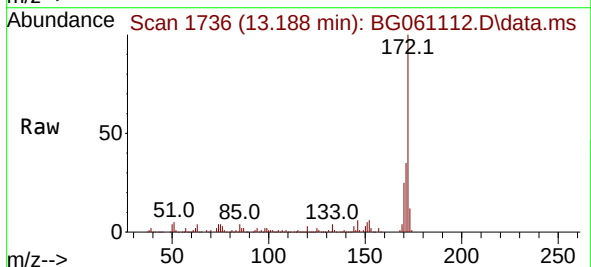
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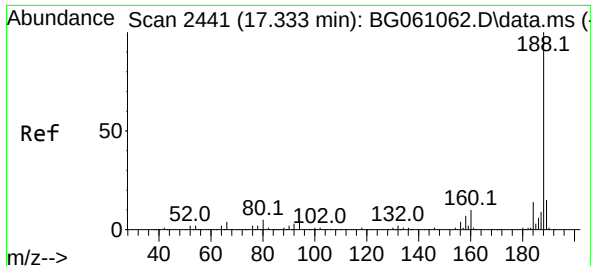
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#45
2-Fluorobiphenyl
Concen: 64.710 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

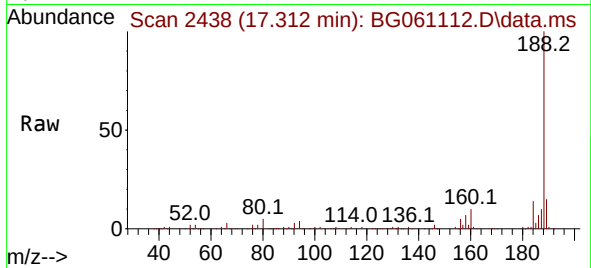
Tgt Ion:172 Resp: 378092
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 25.4 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2441
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

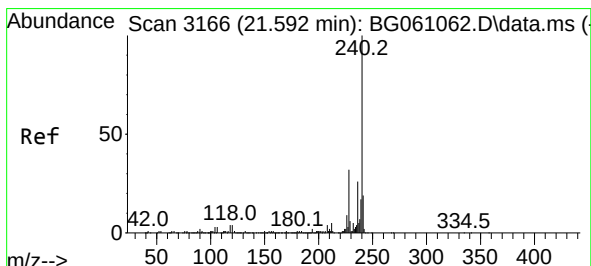
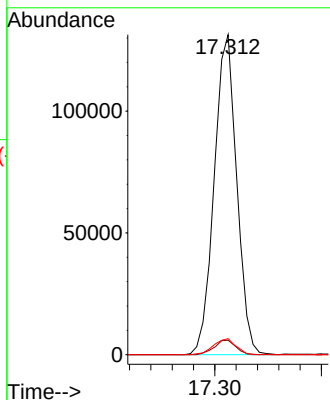
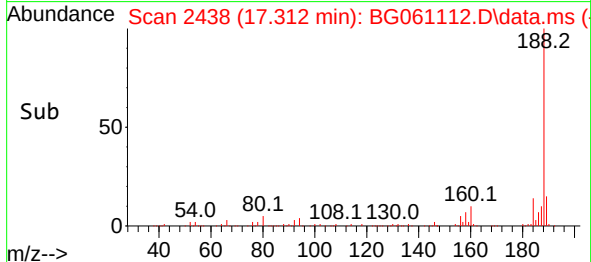
Instrument :
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ClientSampleId :
INSIDE



Tgt Ion:188 Resp: 192500
Ion Ratio Lower Upper
188 100
94 4.5 3.6 5.4
80 5.0 4.2 6.2

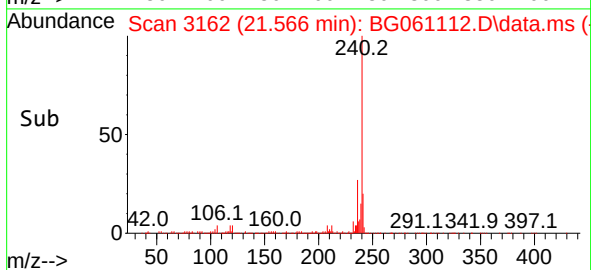
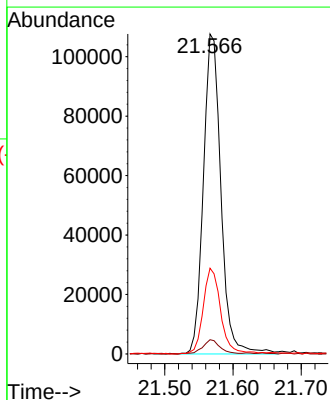
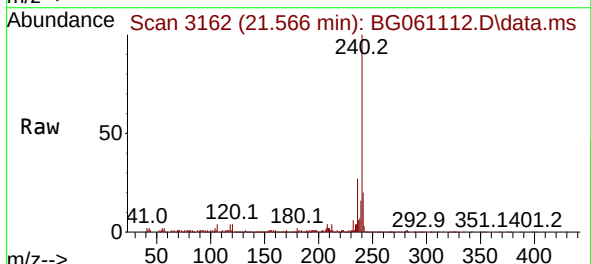
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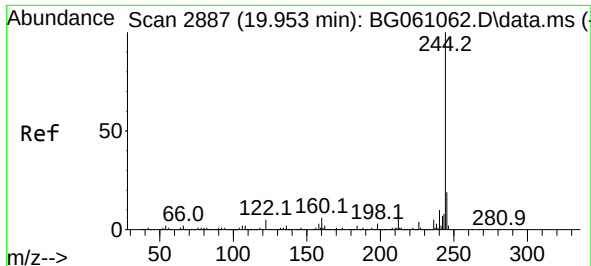
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Tgt Ion:240 Resp: 192798
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 26.8 21.0 31.6





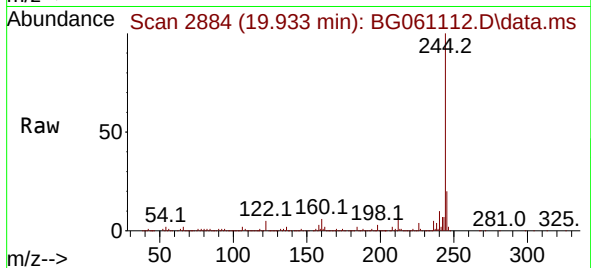
#79
 Terphenyl-d14
 Concen: 59.846 ng
 RT: 19.933 min Scan# 2884
 Delta R.T. -0.020 min
 Lab File: BG061112.D
 Acq: 3 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

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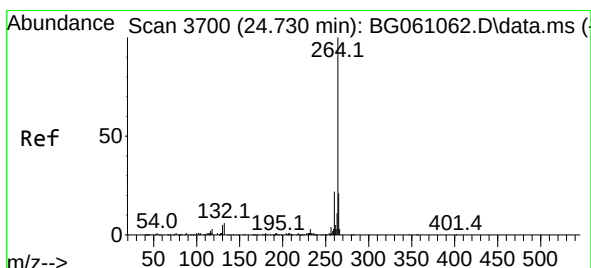
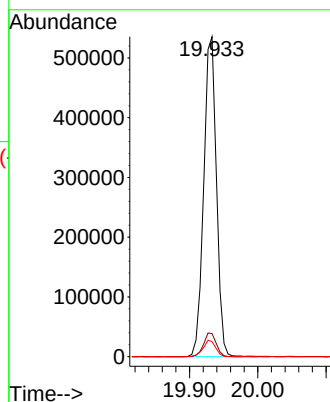
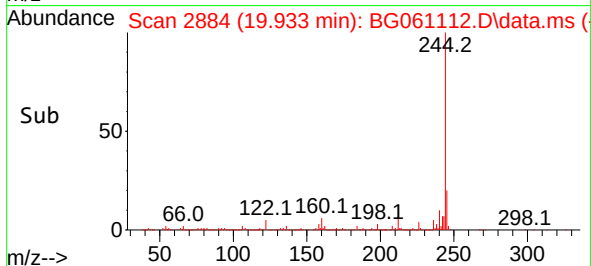


Tgt Ion:244 Resp: 693764
 Ion Ratio Lower Upper
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 212 7.2 5.7 8.5
 122 4.7 4.2 6.2

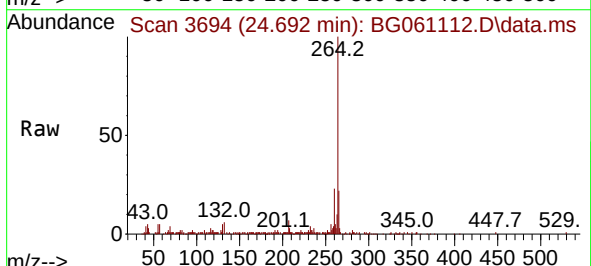
Manual Integrations

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 Supervised By :mohammad ahmed 05/06/2024



#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.038 min
 Lab File: BG061112.D
 Acq: 3 May 2024 18:54



Tgt Ion:264 Resp: 179784
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.7 26.5
 265 22.0 16.4 24.6

