

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061043.D
 Acq On : 25 Apr 2024 18:44
 Operator : MA/JU
 Sample : P2262-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-04242024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 01:18:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	27306	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	106690	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	74782	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	166350	20.000	ng	0.00
76) Chrysene-d12	21.578	240	165513	20.000	ng	0.00
86) Perylene-d12	24.710	264	146829m	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	33081	24.505	ng	0.00
7) Phenol-d6	7.113	99	38751	19.347	ng	0.00
23) Nitrobenzene-d5	9.093	82	28645	12.063	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	29618	18.036	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	76766	14.207	ng	0.00
79) Terphenyl-d14	19.939	244	138887	13.025	ng	0.00

Target Compounds	Qvalue

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

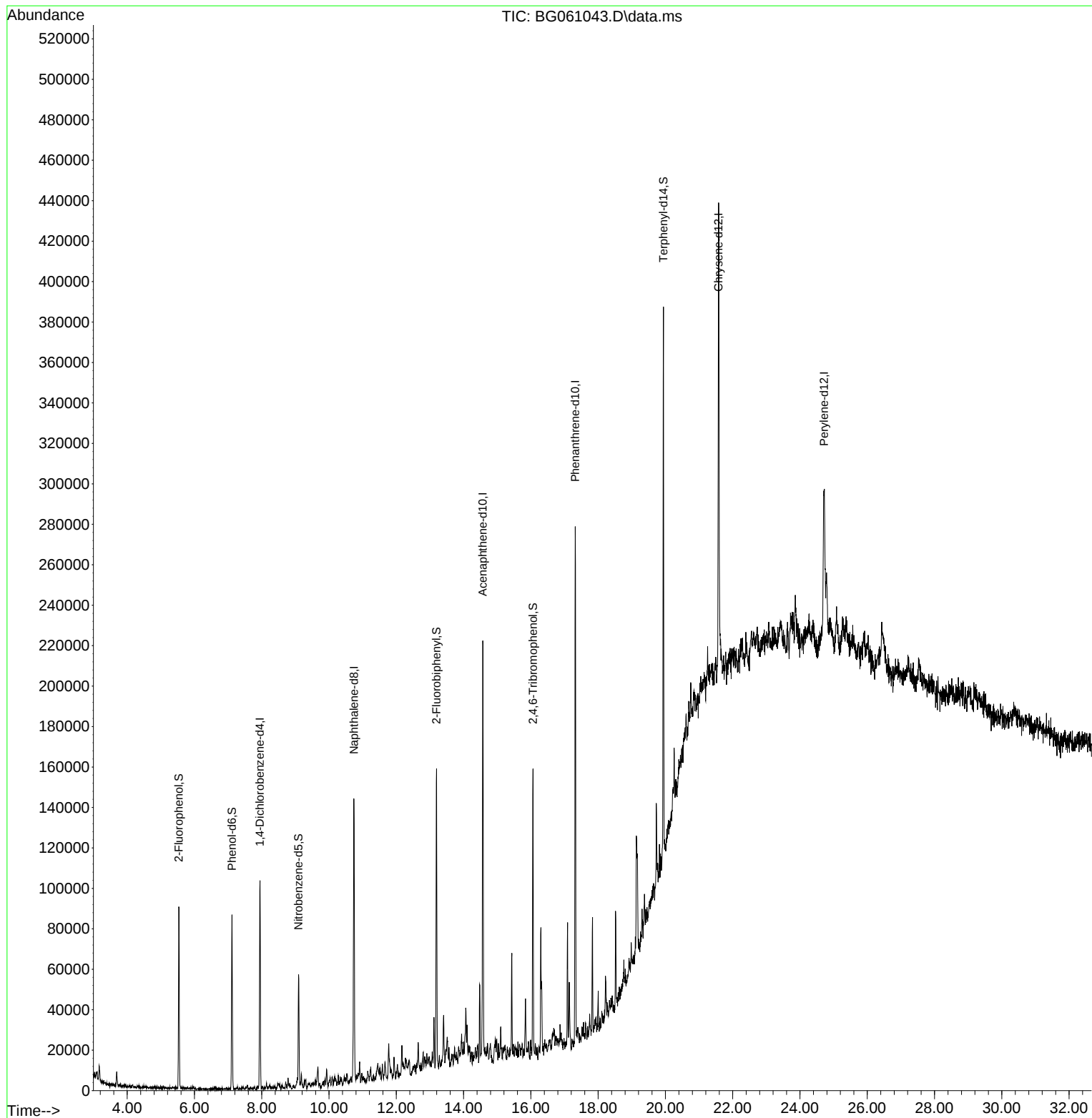
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
Data File : BG061043.D
Acq On : 25 Apr 2024 18:44
Operator : MA/JU
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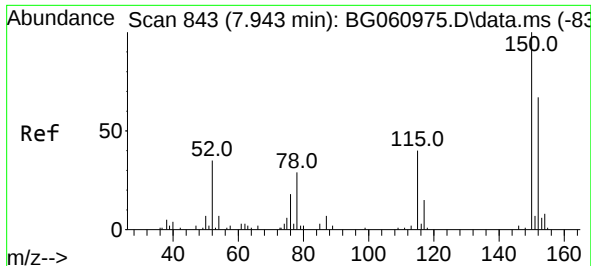
Instrument :
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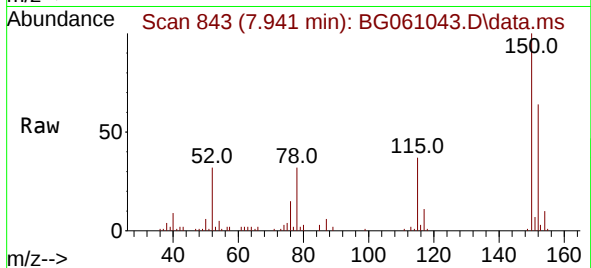
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 843
Delta R.T. -0.002 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Instrument :

BNA_G

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HR-04-04242024



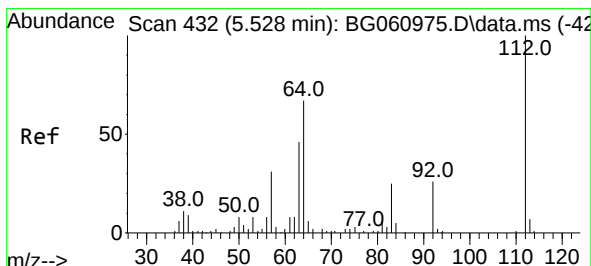
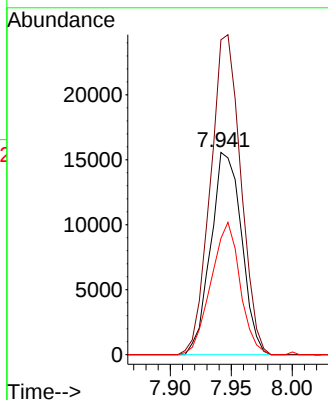
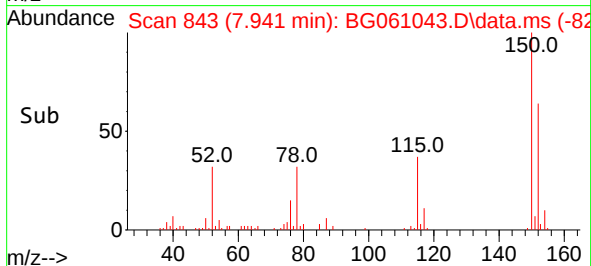
Tgt Ion:152 Resp: 27300
Ion Ratio Lower Upper
152 100
150 148.6 118.6 178.0
115 54.9 47.4 71.0

Manual Integrations

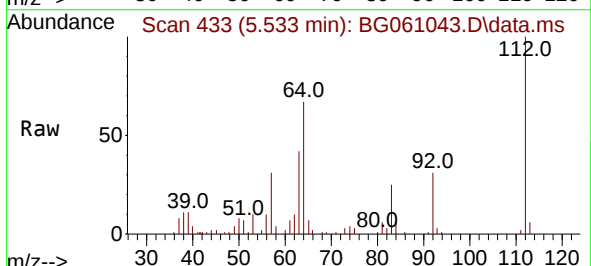
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Reviewed By :Yogesh Patel 04/26/2024

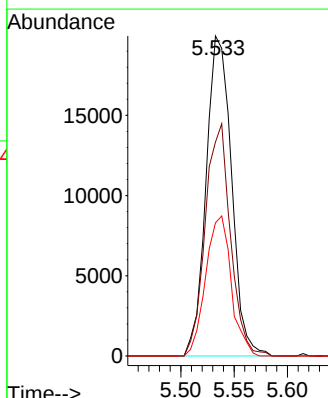
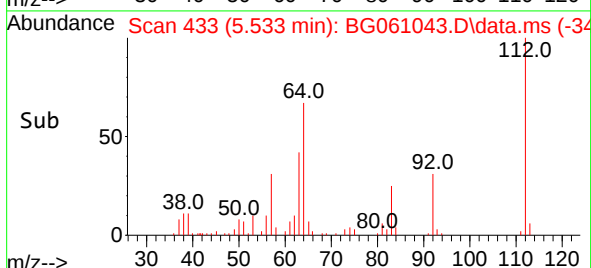
Supervised By :mohammad ahmed 04/27/2024

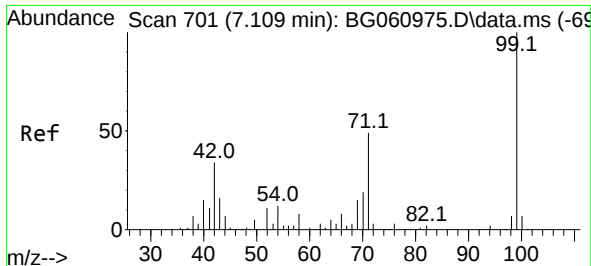


#5
2-Fluorophenol
Concen: 24.505 ng
RT: 5.533 min Scan# 433
Delta R.T. 0.004 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44



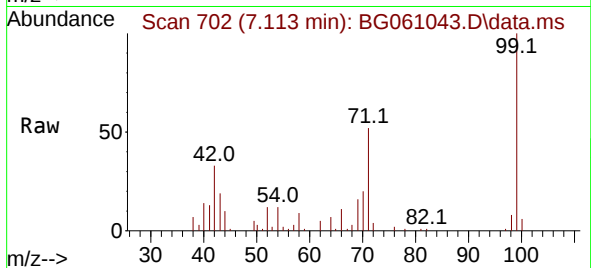
Tgt Ion:112 Resp: 33081
Ion Ratio Lower Upper
112 100
64 66.9 53.7 80.5
63 41.6 37.0 55.6





#7
Phenol-d6
Concen: 19.347 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

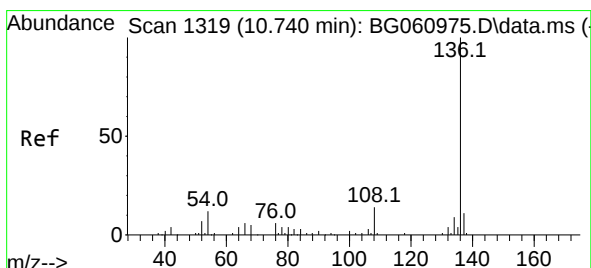
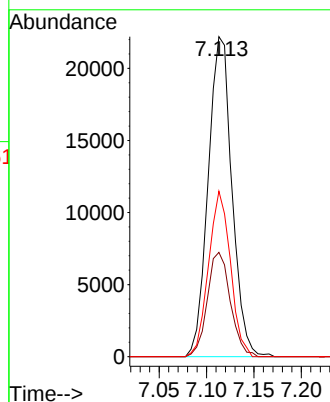
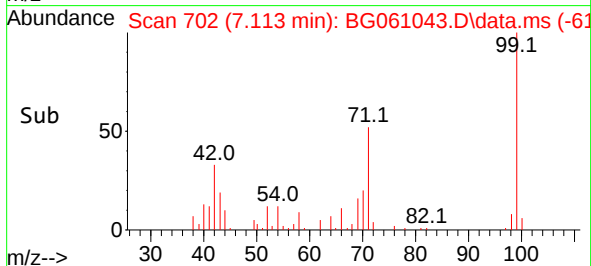
Instrument :
BNA_G
ClientSampleId :
HR-04-04242024



Tgt Ion: 99 Resp: 3875
Ion Ratio Lower Upper
99 100
42 32.6 27.2 40.8
71 51.7 38.8 58.2

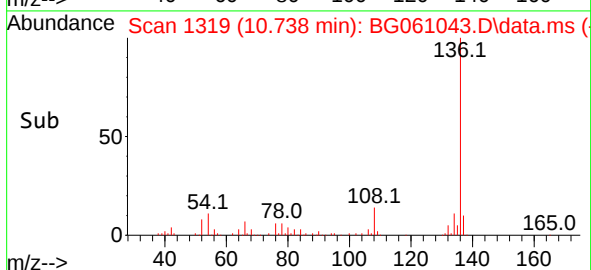
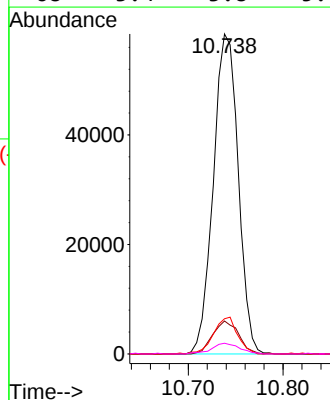
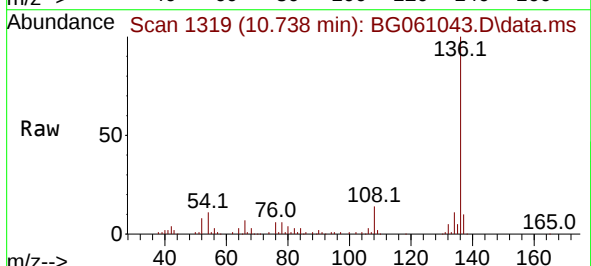
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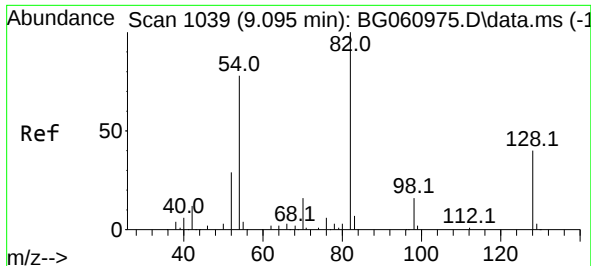
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Tgt Ion:136 Resp: 106690
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 11.0 9.4 14.0
68 3.4 3.8 5.6#





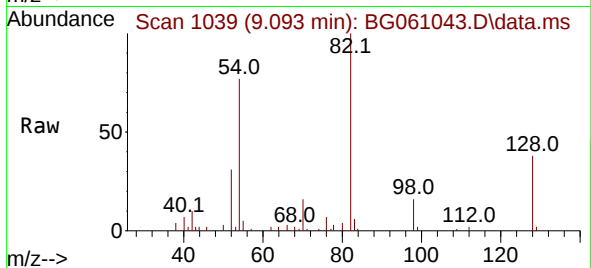
#23
Nitrobenzene-d5
Concen: 12.063 ng
RT: 9.093 min Scan# 1039
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Instrument :

BNA_G

ClientSampleId :

HR-04-04242024



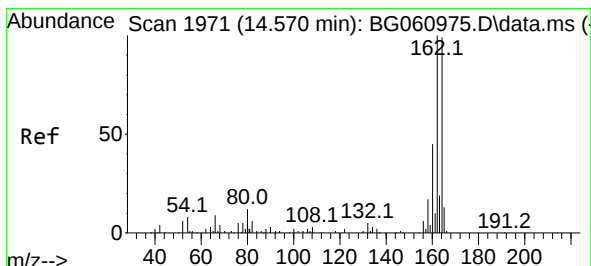
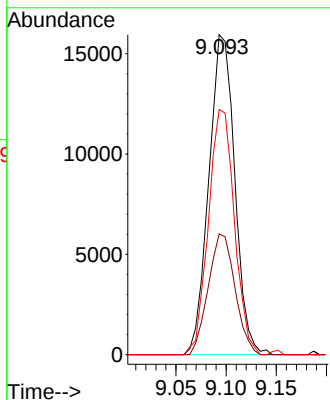
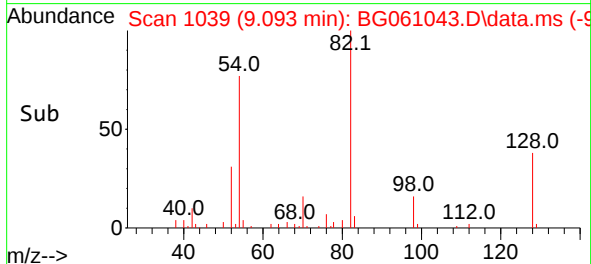
Tgt Ion: 82 Resp: 2864
Ion Ratio Lower Upper
82 100
128 37.8 32.1 48.1
54 76.6 62.3 93.5

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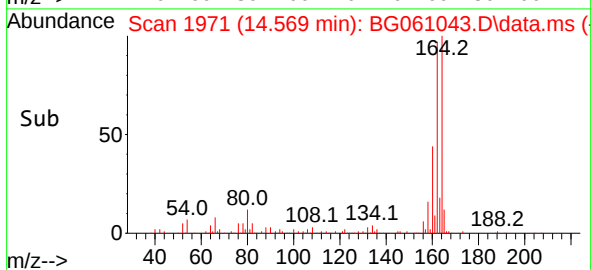
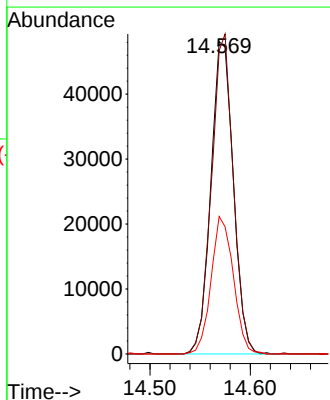
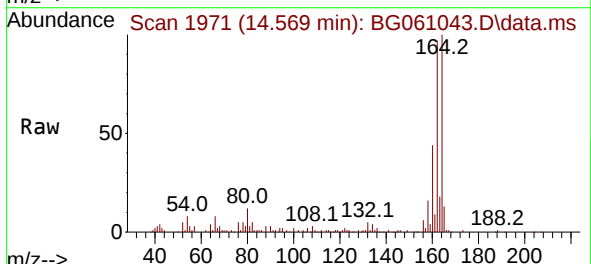
Reviewed By :Yogesh Patel 04/26/2024

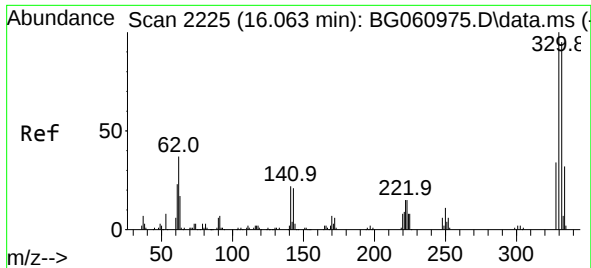
Supervised By :mohammad ahmed 04/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Tgt Ion:164 Resp: 74782
Ion Ratio Lower Upper
164 100
162 97.2 81.2 121.8
160 44.0 36.2 54.2





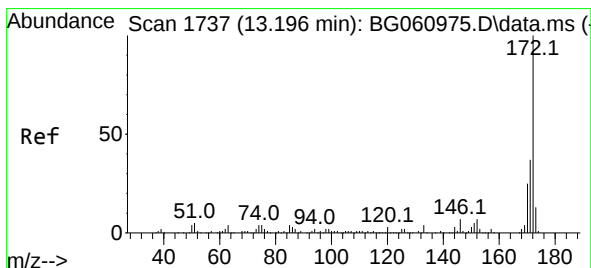
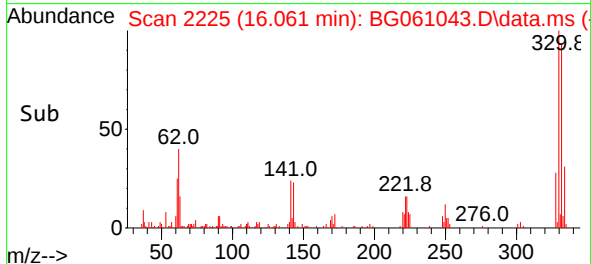
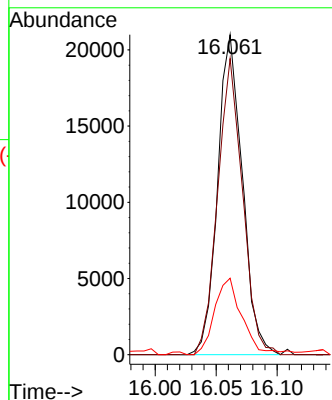
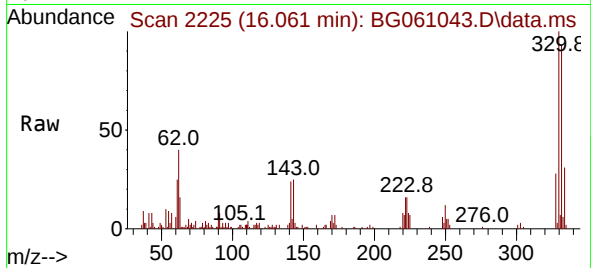
#42
2,4,6-Tribromophenol
Concen: 18.036 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Instrument :
BNA_G
ClientSampleId :
HR-04-04242024

Tgt Ion:330 Resp: 29618
Ion Ratio Lower Upper
330 100
332 93.0 77.1 115.7
141 26.8 20.6 31.0

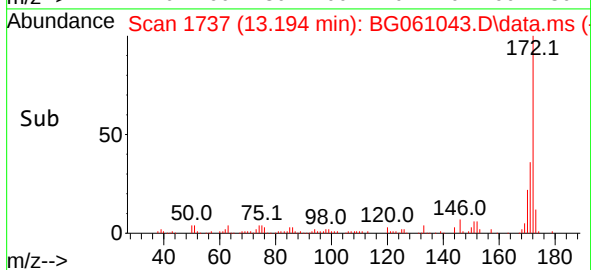
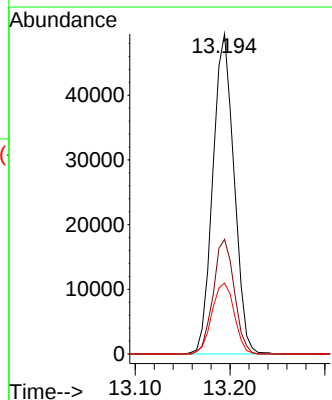
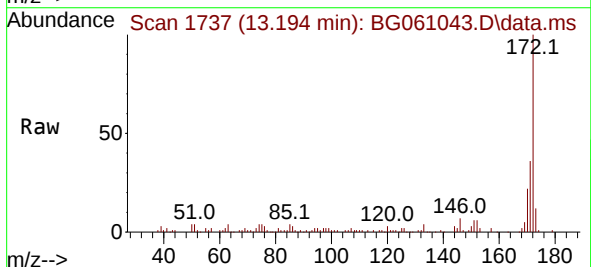
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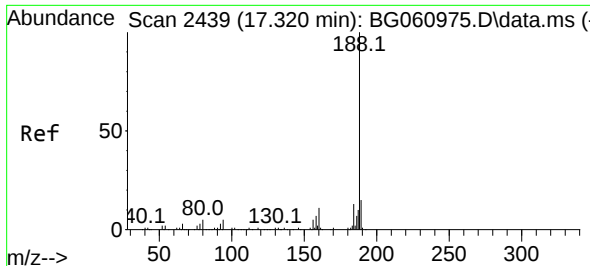
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#45
2-Fluorobiphenyl
Concen: 14.207 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

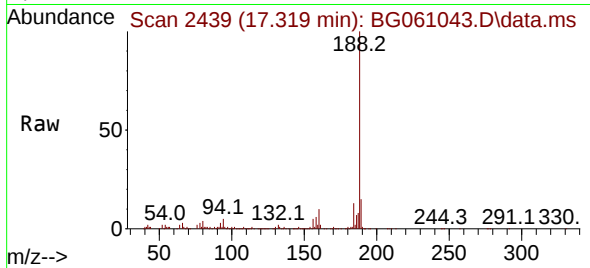
Tgt Ion:172 Resp: 76766
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 22.2 20.1 30.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

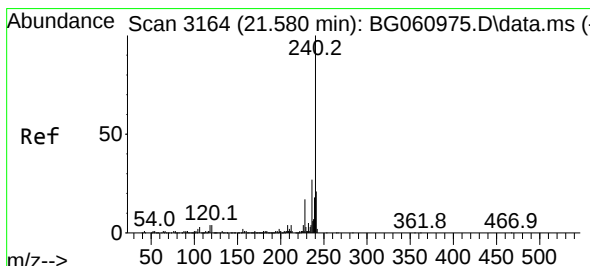
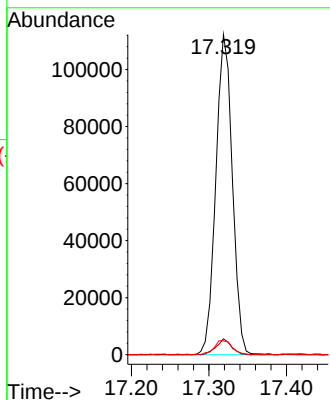
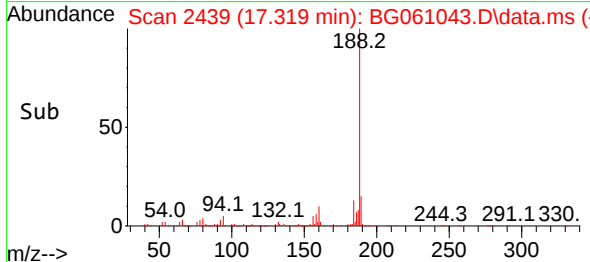
Instrument :
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Tgt Ion:188 Resp: 166350
Ion Ratio Lower Upper
188 100
94 5.0 4.1 6.1
80 4.3 4.0 6.0

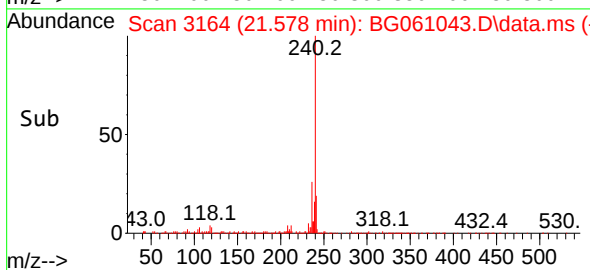
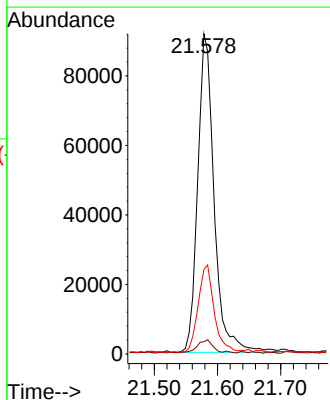
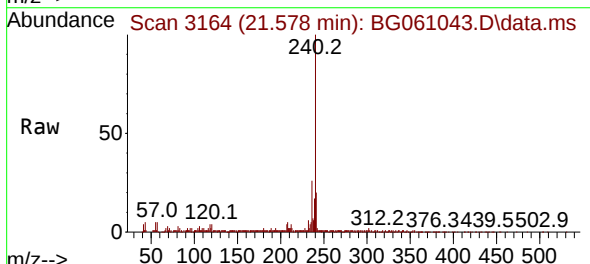
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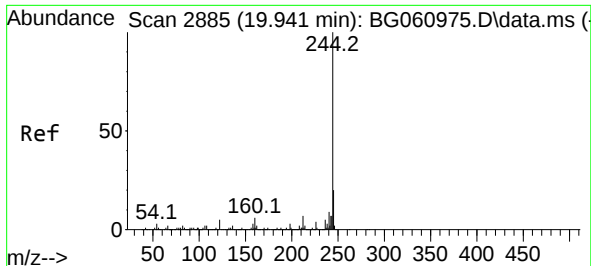
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Tgt Ion:240 Resp: 165513
Ion Ratio Lower Upper
240 100
120 3.8 3.0 4.6
236 26.4 21.8 32.6





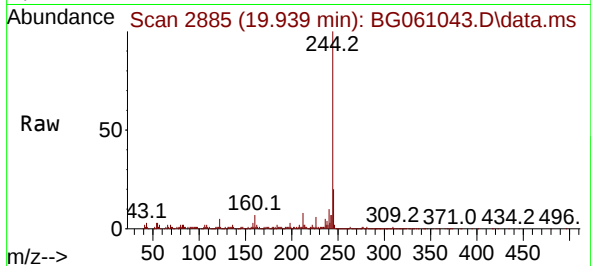
#79
 Terphenyl-d14
 Concen: 13.025 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG061043.D
 Acq: 25 Apr 2024 18:44

Instrument :

BNA_G

ClientSampleId :

HR-04-04242024



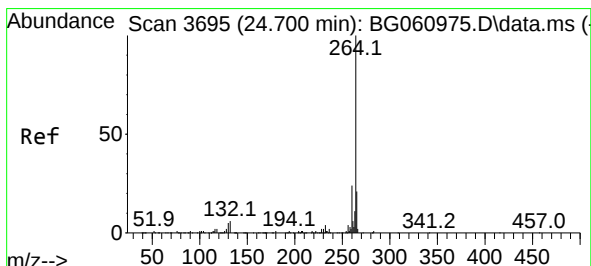
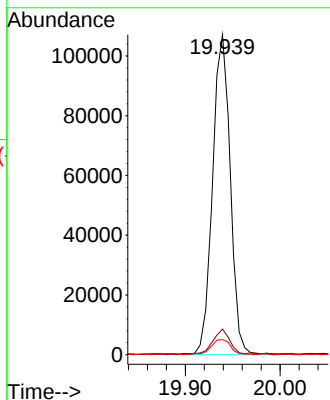
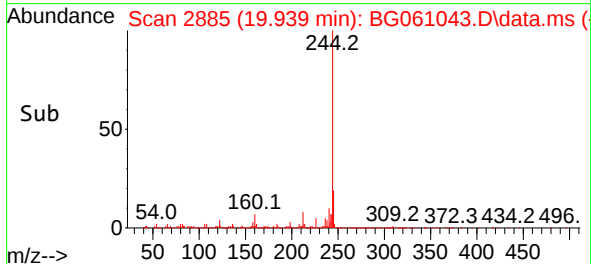
Tgt Ion:244 Resp: 13888
 Ion Ratio Lower Upper
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 212 8.0 5.9 8.9
 122 4.7 4.2 6.2

Manual Integrations

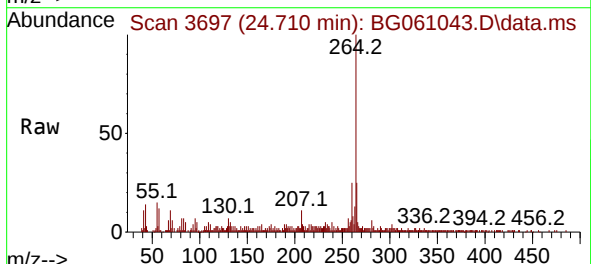
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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 24.710 min Scan# 3697
 Delta R.T. 0.010 min
 Lab File: BG061043.D
 Acq: 25 Apr 2024 18:44



Tgt Ion:264 Resp: 146829
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 24.9 17.0 25.4

