

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
 Data File : BG060339.D
 Acq On : 16 Jan 2024 16:57
 Operator : MA/JU
 Sample : P1146-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2ND-FLOOR-SAMPLE-B

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 16 17:51:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	255867	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1027110	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	764959	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1887138	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1746042	20.000	ng	0.00
86) Perylene-d12	24.739	264	2014453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	250806	16.123	ng	0.00
7) Phenol-d6	7.089	99	1274912	55.346	ng	0.00
23) Nitrobenzene-d5	9.087	82	1209452	55.603	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	19130m	1.700	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3098525	56.316	ng	0.00
79) Terphenyl-d14	19.933	244	4667254	60.424	ng	0.00
Target Compounds						
35) Caprolactam	11.625	113	19978	3.494	ng	97
84) Bis(2-ethylhexyl)phtha...	21.461	149	313657	5.411	ng	96

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

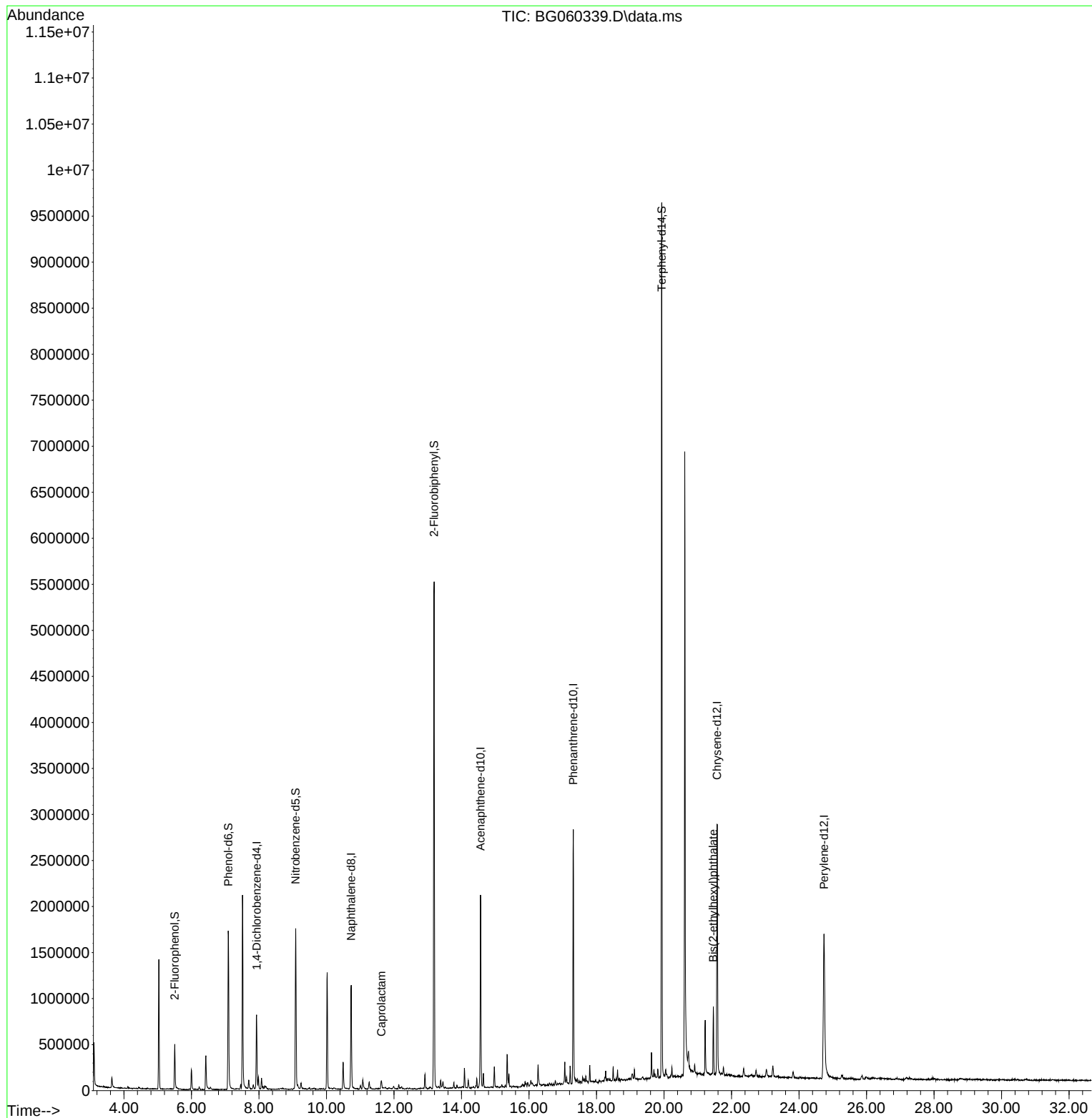
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
Data File : BG060339.D
Acq On : 16 Jan 2024 16:57
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Sample : P1146-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

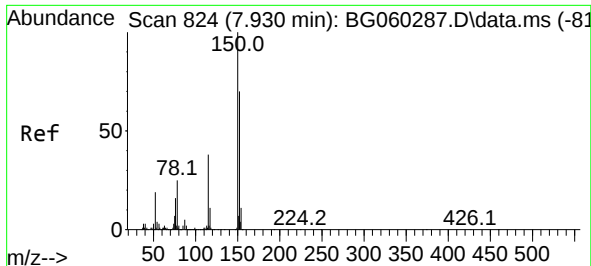
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jan 16 17:51:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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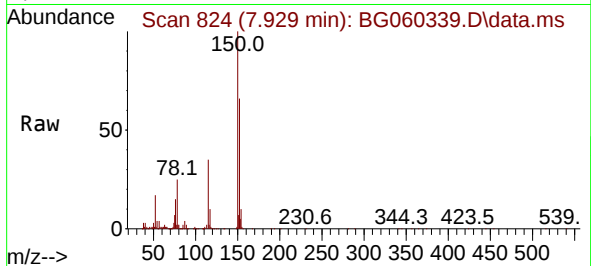
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

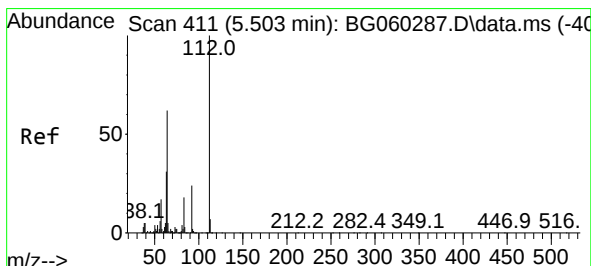
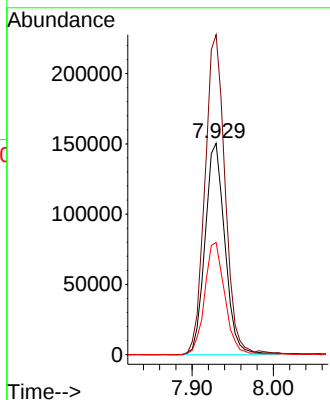
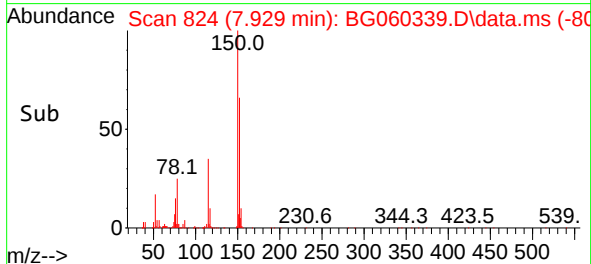
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B



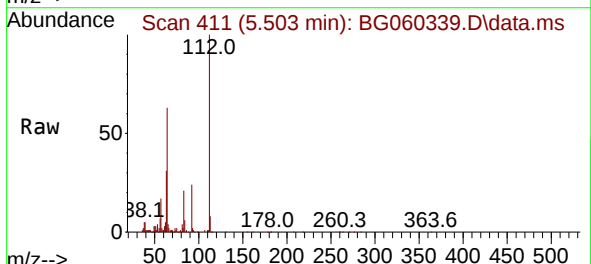
Tgt Ion:152 Resp: 25586
Ion Ratio Lower Upper
152 100
150 151.3 114.5 171.7
115 53.1 43.0 64.6

Manual Integrations
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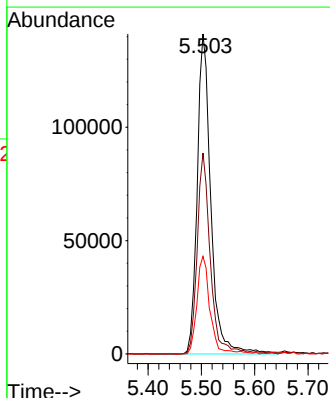
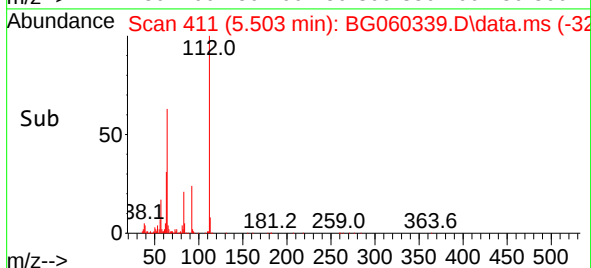
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#5
2-Fluorophenol
Concen: 16.123 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57



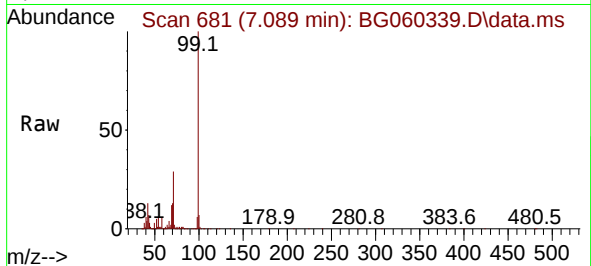
Tgt Ion:112 Resp: 250806
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.6
63 30.5 24.4 36.6





#7
Phenol-d6
Concen: 55.346 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

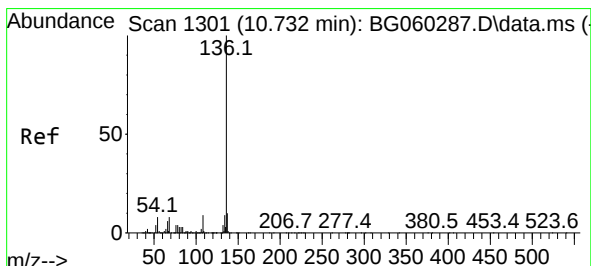
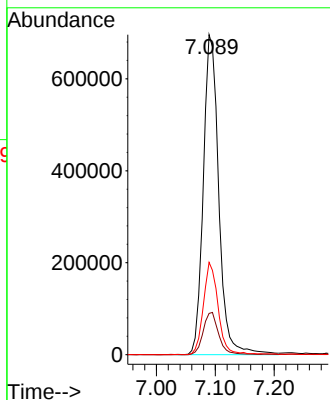
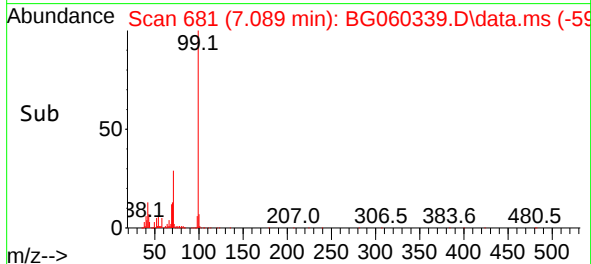
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B



Tgt Ion: 99 Resp: 1274912
Ion Ratio Lower Upper
99 100
42 12.9 10.9 16.3
71 28.9 21.5 32.3

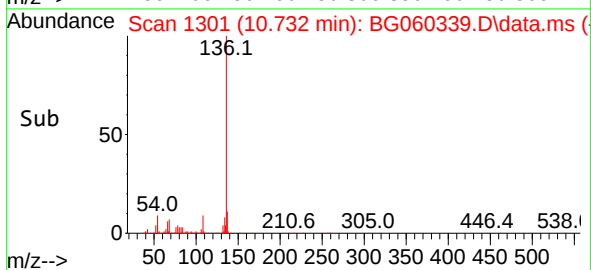
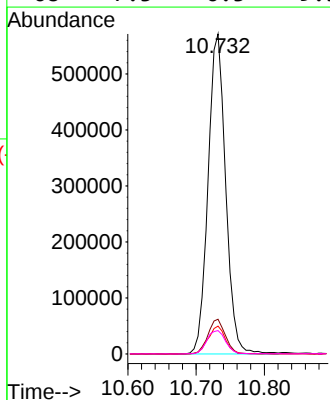
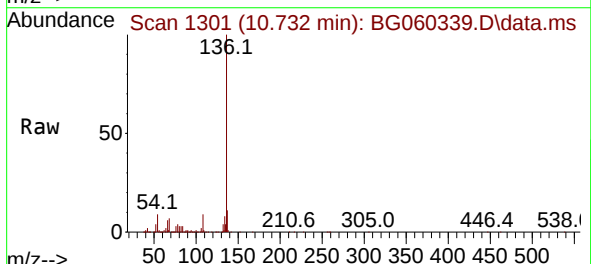
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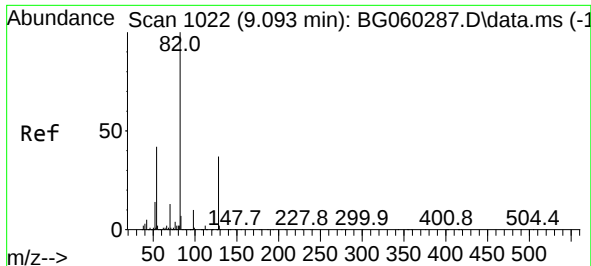
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

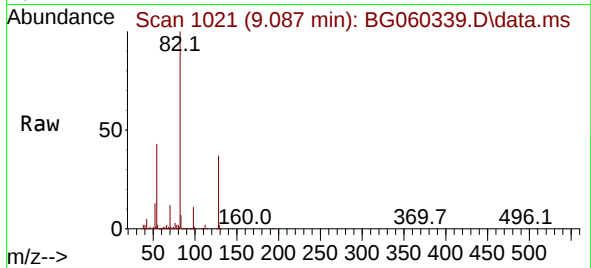
Tgt Ion:136 Resp: 1027110
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.7 6.2 9.2
68 7.3 6.3 9.5





#23
Nitrobenzene-d5
Concen: 55.603 ng
RT: 9.087 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

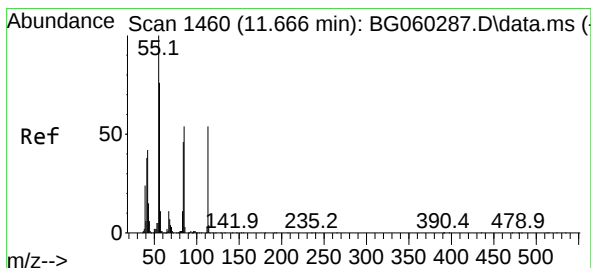
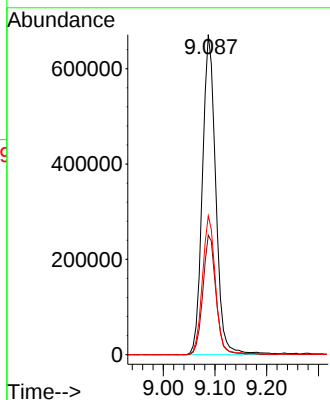
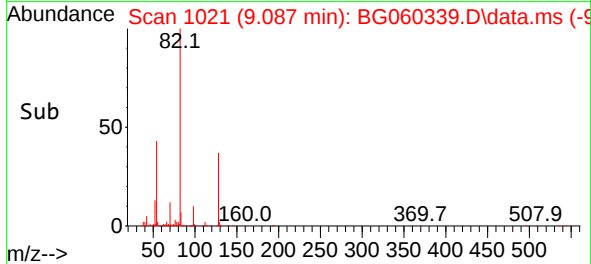
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B



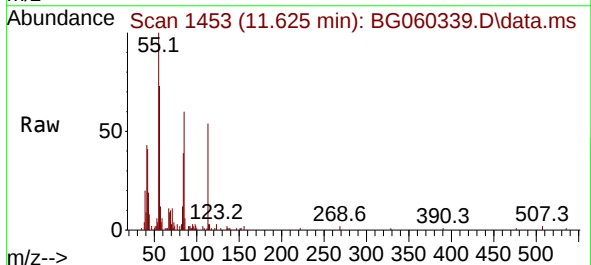
Tgt Ion: 82 Resp: 120945
Ion Ratio Lower Upper
82 100
128 37.4 29.6 44.4
54 43.4 33.6 50.4

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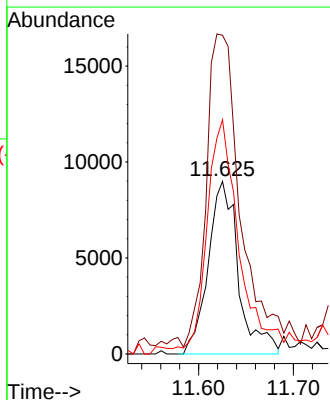
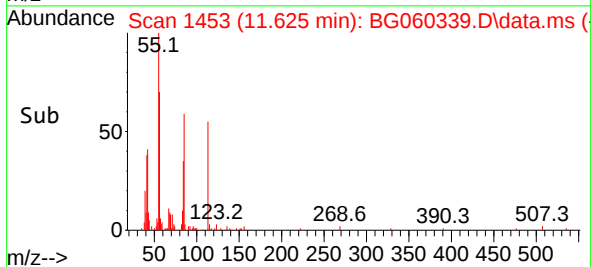
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

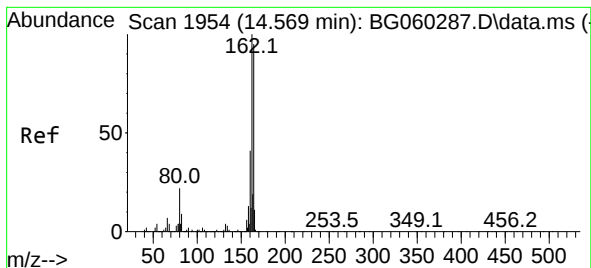


#35
Caprolactam
Concen: 3.494 ng
RT: 11.625 min Scan# 1453
Delta R.T. -0.041 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57



Tgt Ion:113 Resp: 19978
Ion Ratio Lower Upper
113 100
55 184.6 166.4 206.4
56 135.7 121.0 161.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BG060339.D

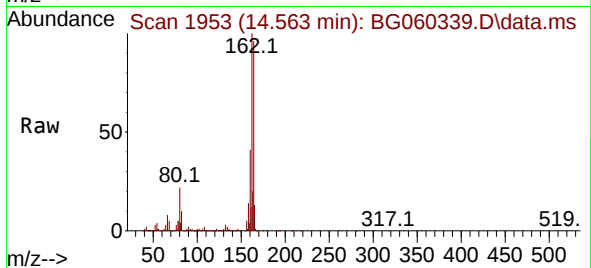
Acq: 16 Jan 2024 16:57

Instrument :

BNA_G

ClientSampleId :

2ND-FLOOR-SAMPLE-B

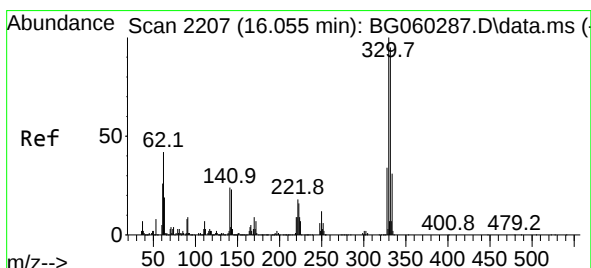
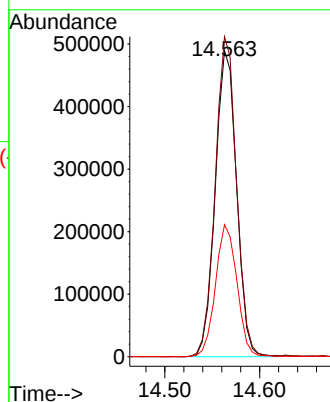


Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.4	126.6
160	43.1	34.6	52.0

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#42

2,4,6-Tribromophenol

Concen: 1.700 ng m

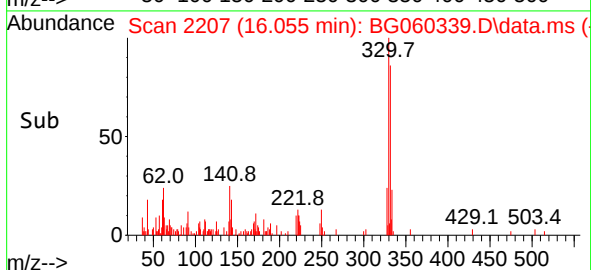
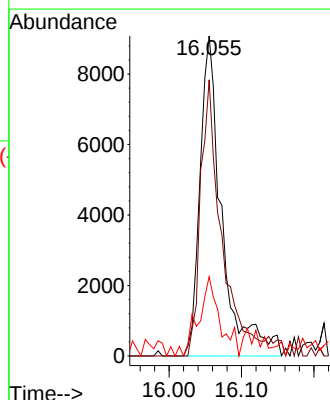
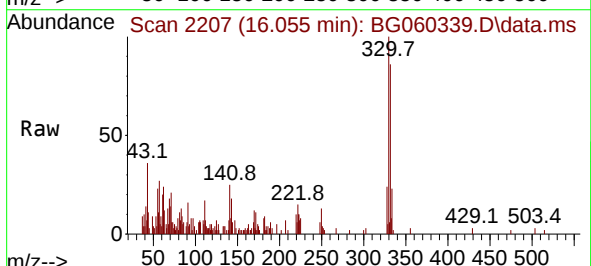
RT: 16.055 min Scan# 2207

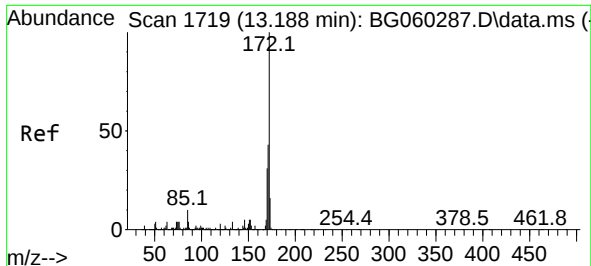
Delta R.T. -0.000 min

Lab File: BG060339.D

Acq: 16 Jan 2024 16:57

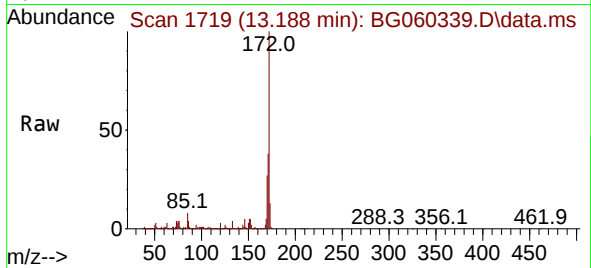
Tgt Ion	Ratio	Lower	Upper
330	100		
332	81.9	76.7	115.1
141	24.0	18.6	28.0





#45
2-Fluorobiphenyl
Concen: 56.316 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

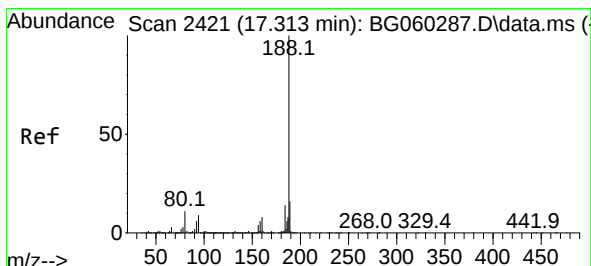
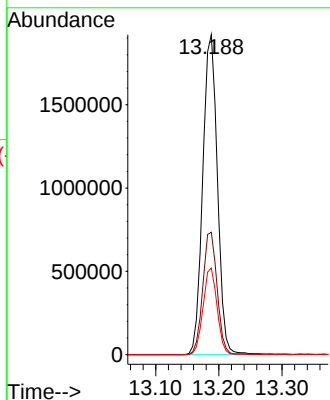
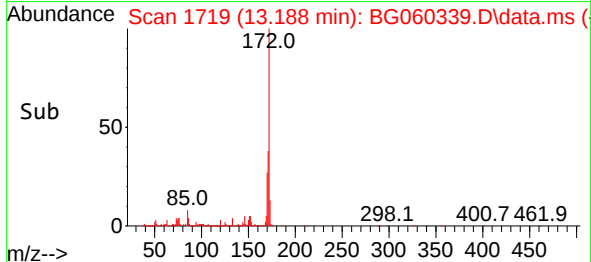
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B



Tgt Ion:172 Resp: 309852
Ion Ratio Lower Upper
172 100
171 38.3 34.6 51.8
170 27.1 24.4 36.6

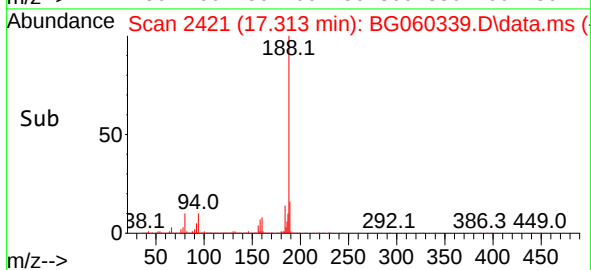
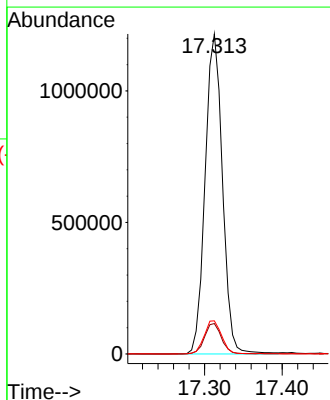
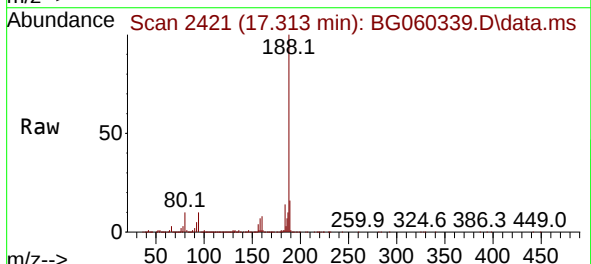
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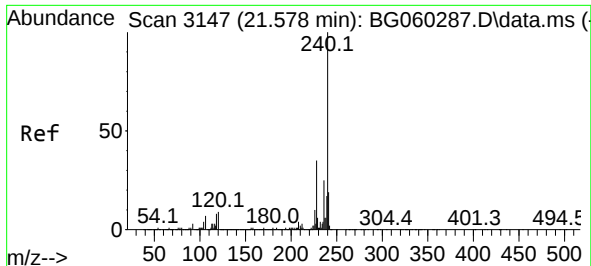
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

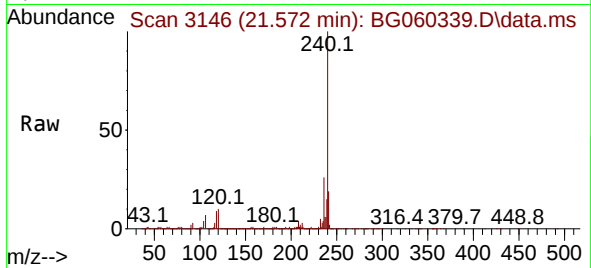
Tgt Ion:188 Resp: 1887138
Ion Ratio Lower Upper
188 100
94 9.5 7.1 10.7
80 10.4 8.5 12.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

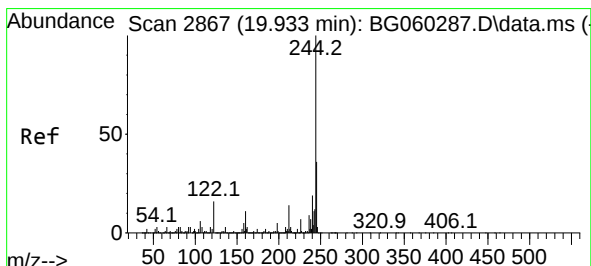
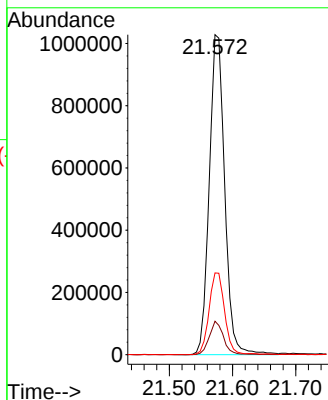
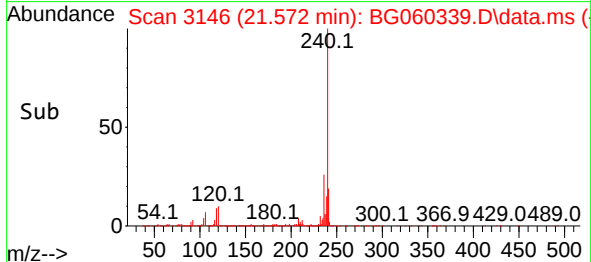
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B



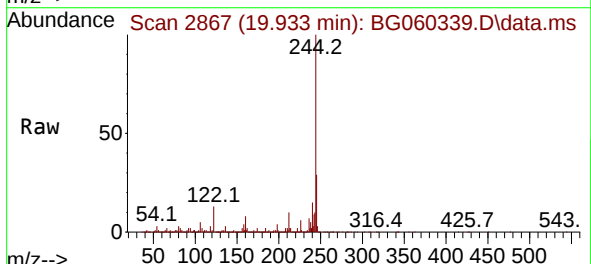
Tgt Ion:240 Resp: 174604
Ion Ratio Lower Upper
240 100
120 10.5 7.3 10.9
236 25.5 20.3 30.5

Manual Integrations
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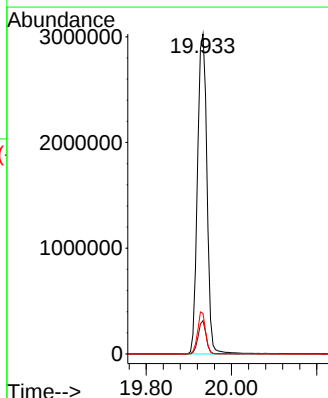
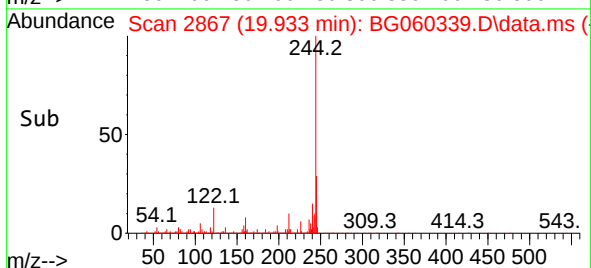
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

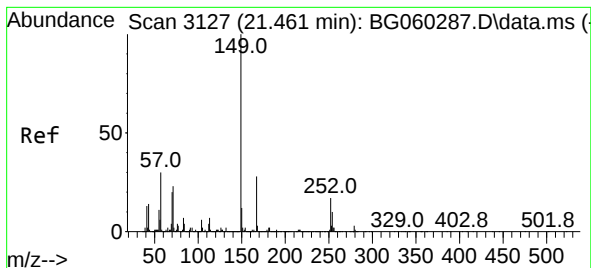


#79
Terphenyl-d14
Concen: 60.424 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57



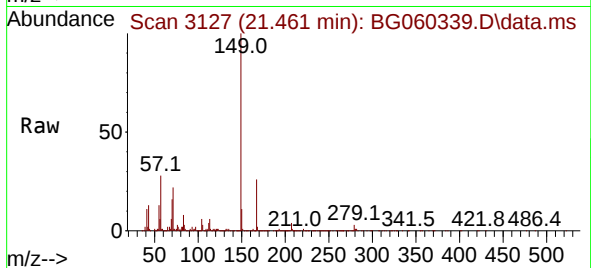
Tgt Ion:244 Resp: 4667254
Ion Ratio Lower Upper
244 100
212 10.4 10.9 16.3#
122 12.6 12.6 18.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.411 ng
RT: 21.461 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

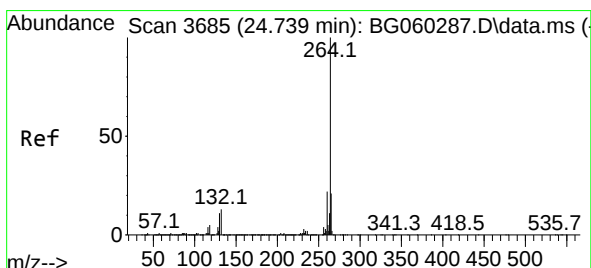
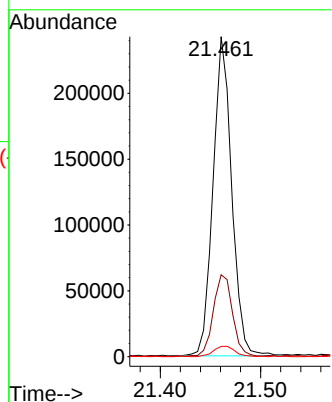
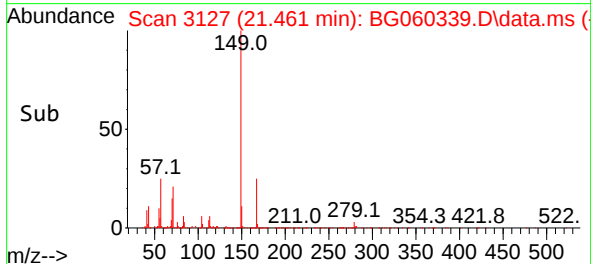
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B



Tgt Ion:149 Resp: 31365
Ion Ratio Lower Upper
149 100
167 25.6 22.2 33.2
279 3.2 2.7 4.1

Manual Integrations
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Supervised By :mohammad ahmed 01/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3685
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion:264 Resp: 2014453
Ion Ratio Lower Upper
264 100
260 22.2 17.8 26.6
265 21.4 16.8 25.2

