

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051057.D
 Acq On : 16 Nov 2021 1:33
 Operator : CG/JU
 Sample : M4657-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VWE-B31-111121-0-10

Quant Time: Nov 16 02:24:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
 Supervised By :mohammad ahmed 11/17/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	43894	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	201583	20.000	ng	# 0.00
39) Acenaphthene-d10	14.854	164	134740	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	262162	20.000	ng	# 0.00
76) Chrysene-d12	21.898	240	209156	20.000	ng	# 0.00
86) Perylene-d12	25.312	264	211140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	257811	87.862	ng	0.00
7) Phenol-d6	7.374	99	370246	89.397	ng	0.00
23) Nitrobenzene-d5	9.401	82	259632	57.014	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	119453	88.590	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	531303	62.303	ng	0.00
79) Terphenyl-d14	20.188	244	635623	55.607	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.642	202	75507	4.401	ng	95
78) Pyrene	20.006	202	77105	4.914	ng	99
81) Benzo(a)anthracene	21.881	228	43630	3.038	ng	97
83) Chrysene	21.945	228	41470m	3.061	ng	
88) Benzo(b)fluoranthene	24.225	252	61643	4.638	ng	# 85
90) Benzo(a)pyrene	25.153	252	42812	3.773	ng	# 85
92) Benzo(g,h,i)perylene	30.465	276	29219m	2.406	ng	

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

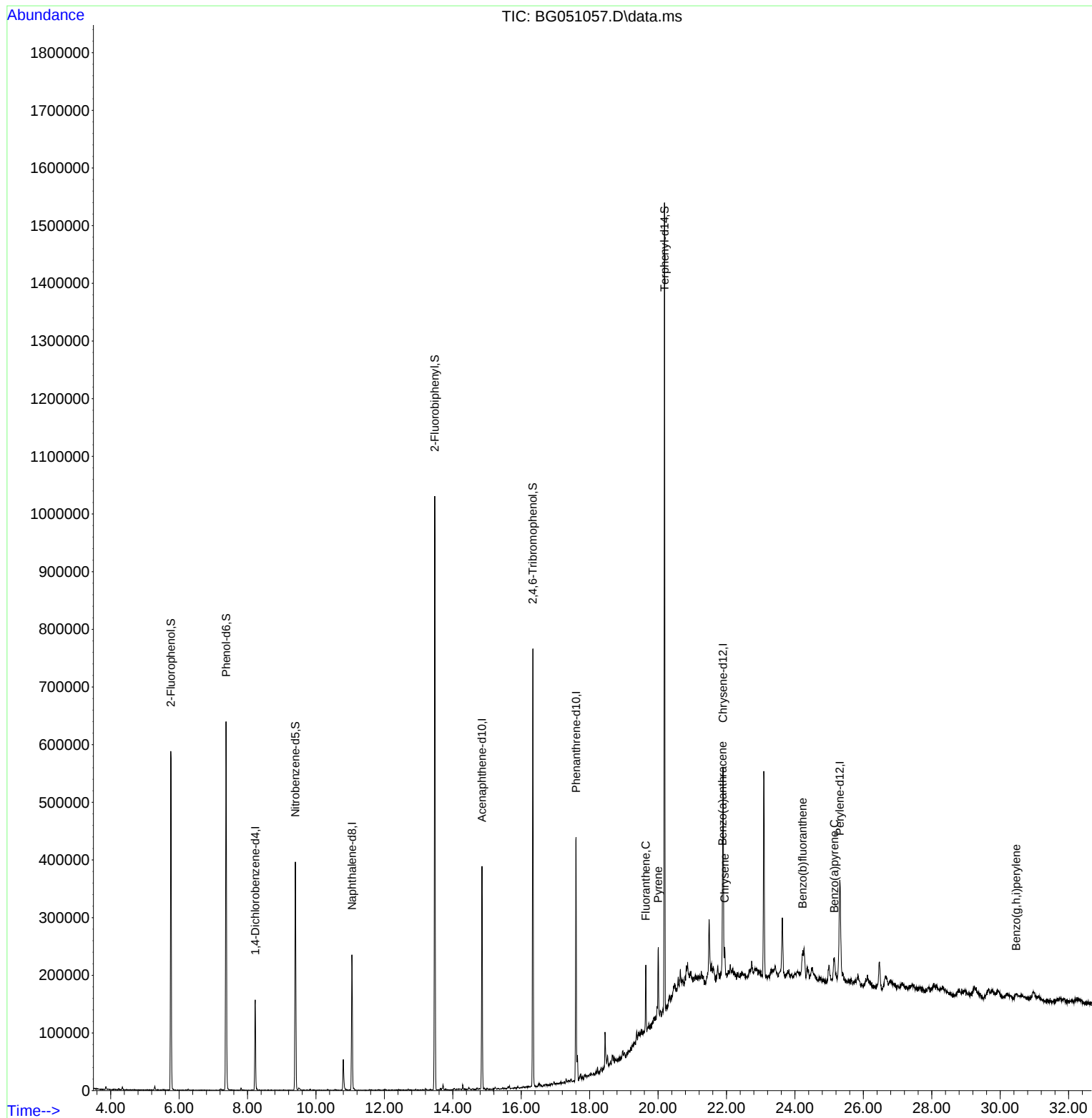
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051057.D
Acq On : 16 Nov 2021 1:33
Operator : CG/JU
Sample : M4657-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

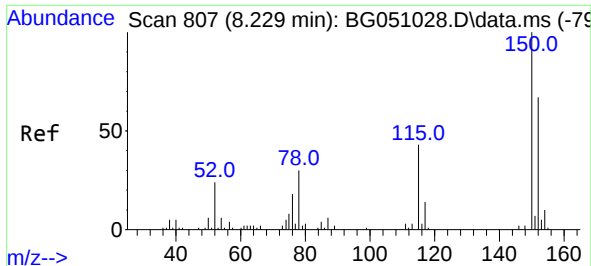
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10

Quant Time: Nov 16 02:24:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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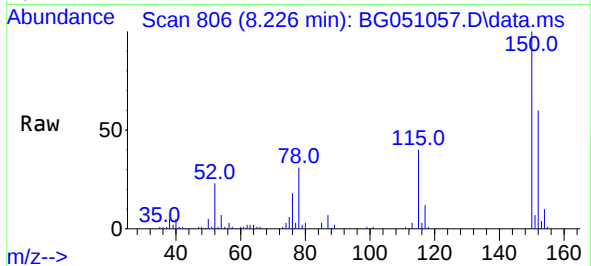
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Supervised By :mohammad ahmed 11/17/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

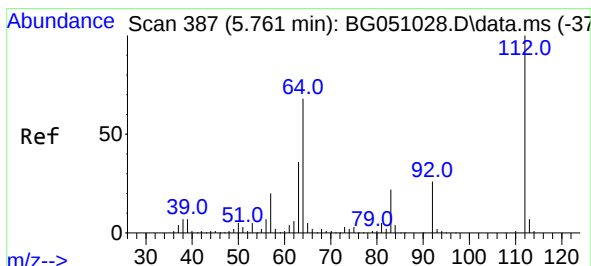
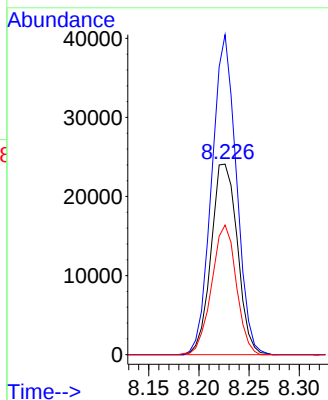
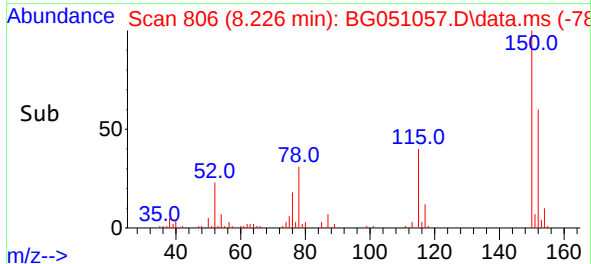
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10



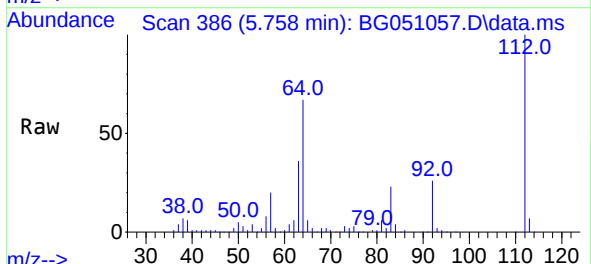
Tgt Ion:152 Resp: 43894
Ion Ratio Lower Upper
152 100
150 167.9 119.4 179.0
115 68.0 60.2 90.4

Manual Integrations
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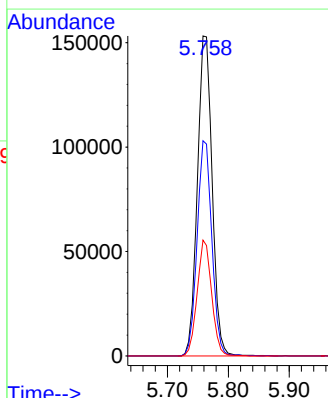
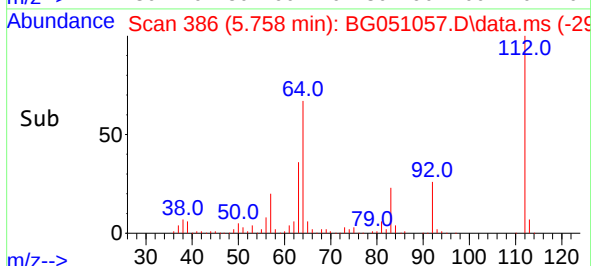
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

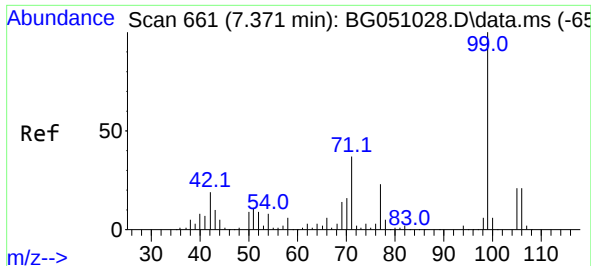


#5
2-Fluorophenol
Concen: 87.862 ng
RT: 5.758 min Scan# 386
Delta R.T. -0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33



Tgt Ion:112 Resp: 257811
Ion Ratio Lower Upper
112 100
64 67.2 46.7 70.1
63 36.2 35.3 52.9





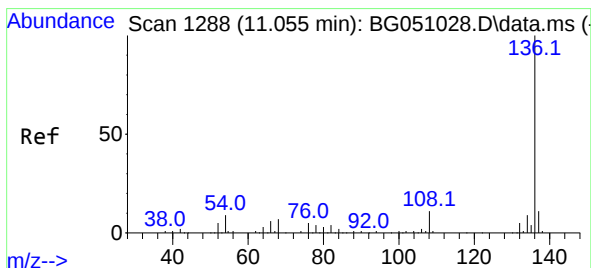
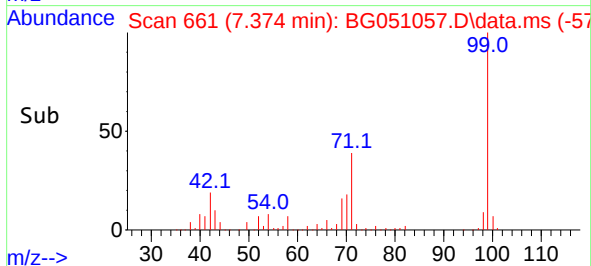
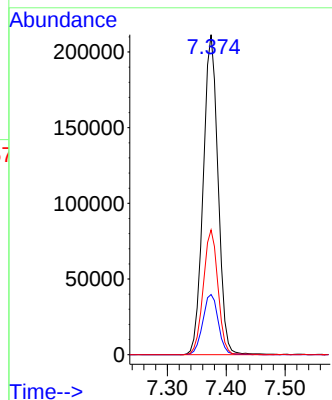
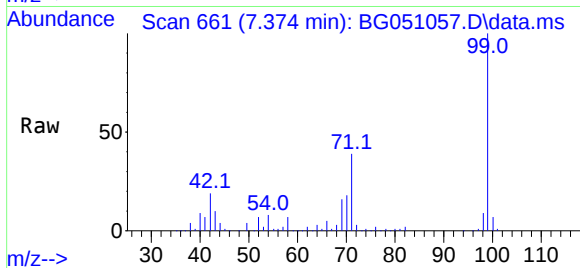
#7
Phenol-d6
Concen: 89.397 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10

Tgt Ion: 99 Resp: 370240
Ion Ratio Lower Upper
99 100
42 18.8 20.5 30.7
71 39.0 41.5 62.3

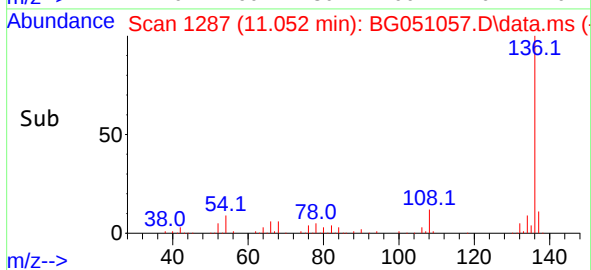
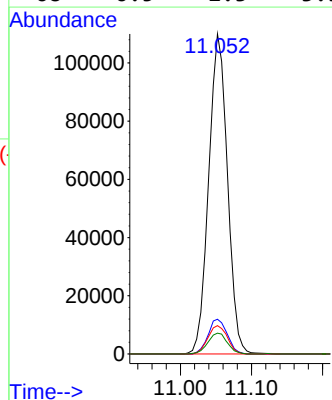
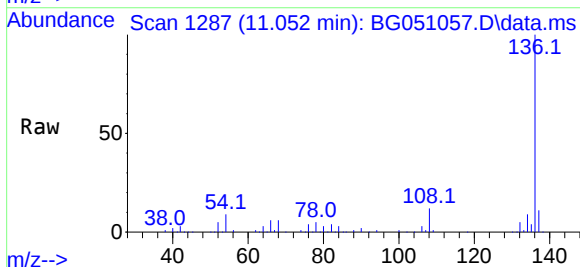
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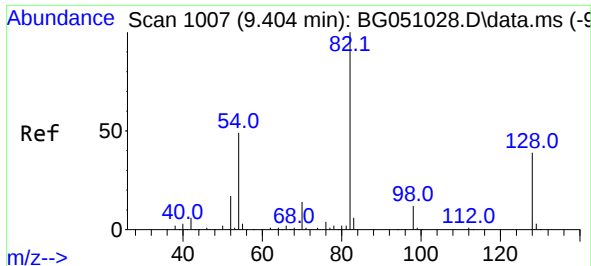
Reviewed By :Jagrut Upadhyay 11/16/2021
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1287
Delta R.T. -0.002 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

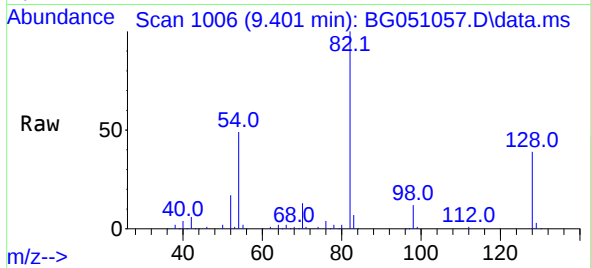
Tgt Ion:136 Resp: 201583
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.9 5.5 8.3#
68 6.5 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 57.014 ng
RT: 9.401 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

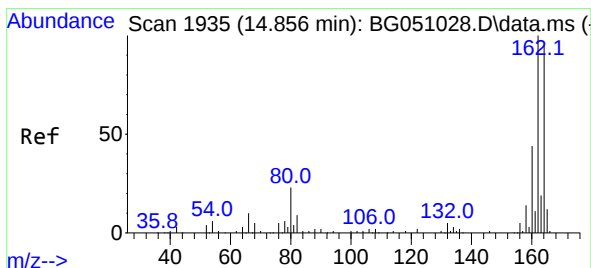
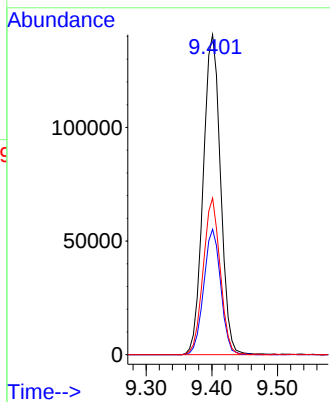
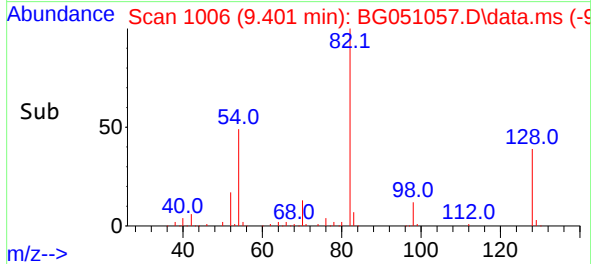
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10



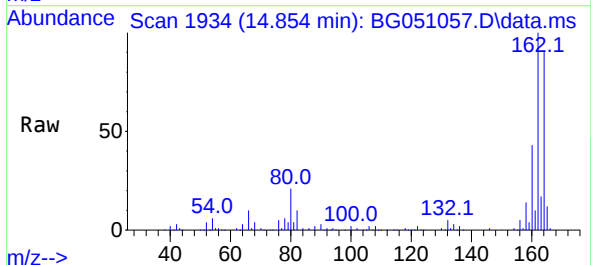
Tgt Ion: 82 Resp: 25963
Ion Ratio Lower Upper
82 100
128 39.2 29.8 44.6
54 48.9 45.8 68.8

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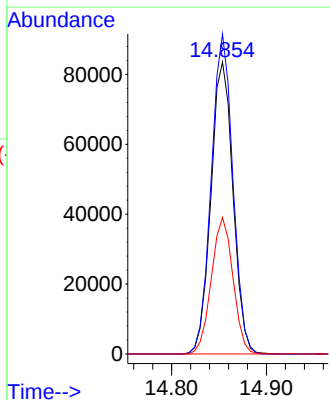
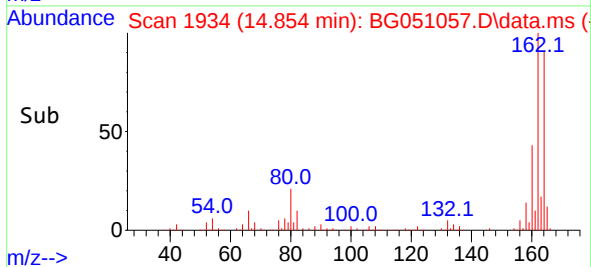
Reviewed By :Jagrut Upadhyay 11/16/2021
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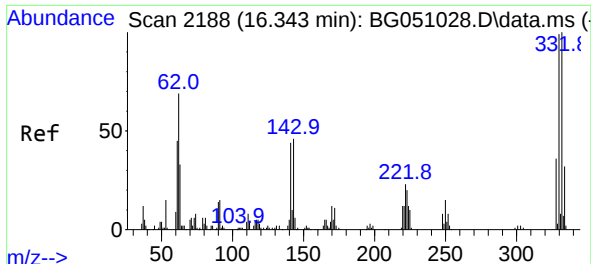


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33



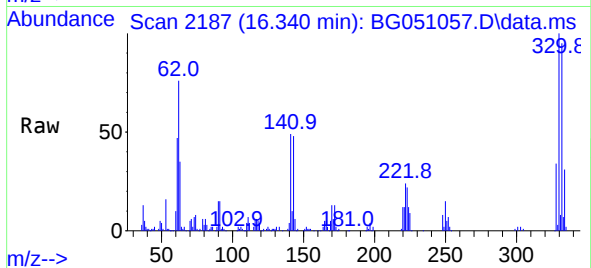
Tgt Ion:164 Resp: 134740
Ion Ratio Lower Upper
164 100
162 109.7 81.4 122.0
160 46.8 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 88.590 ng
RT: 16.340 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

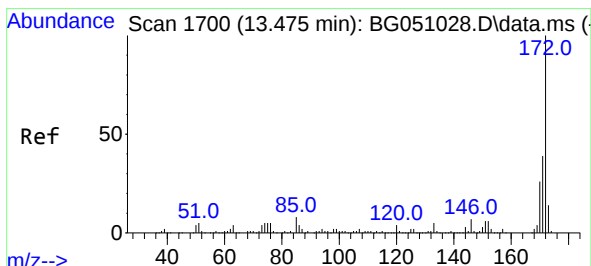
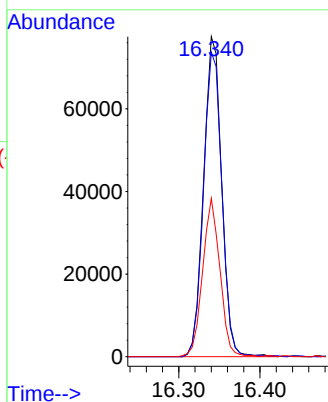
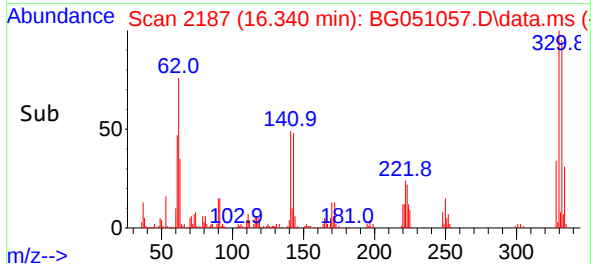
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10



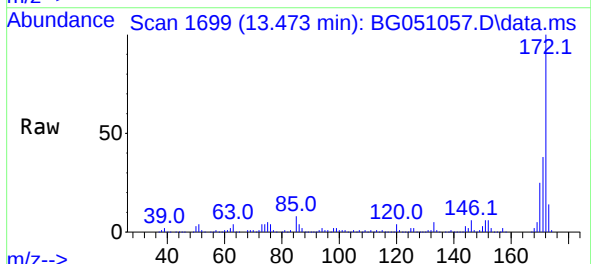
Tgt Ion:330 Resp: 11945
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 47.3 35.6 53.4

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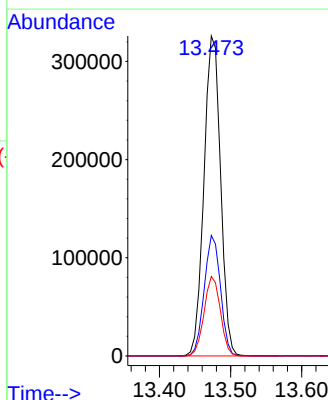
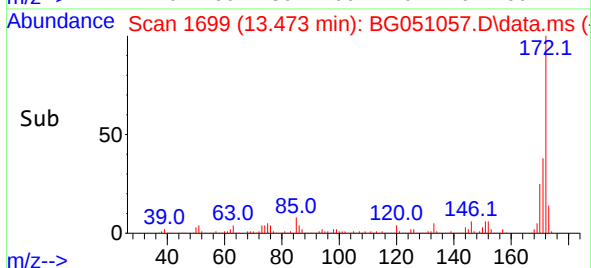
Reviewed By :Jagrut Upadhyay 11/16/2021
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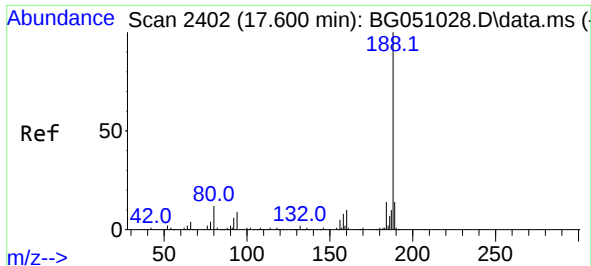


#45
2-Fluorobiphenyl
Concen: 62.303 ng
RT: 13.473 min Scan# 1699
Delta R.T. -0.002 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33



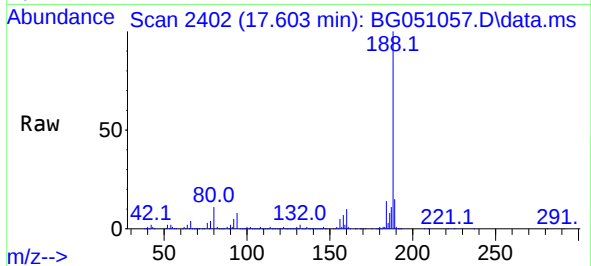
Tgt Ion:172 Resp: 531303
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.603 min Scan# 2402
Delta R.T. 0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

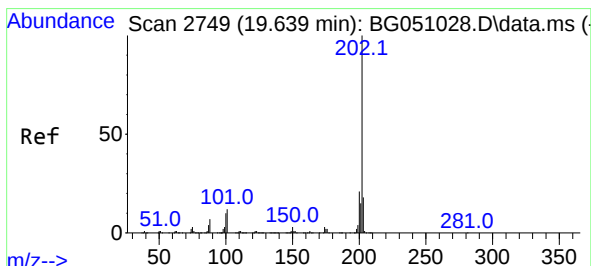
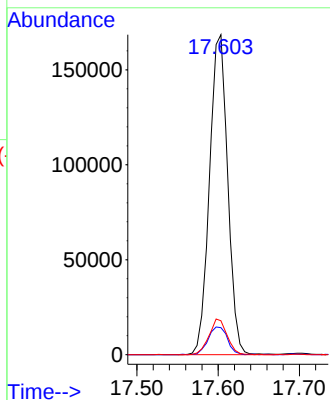
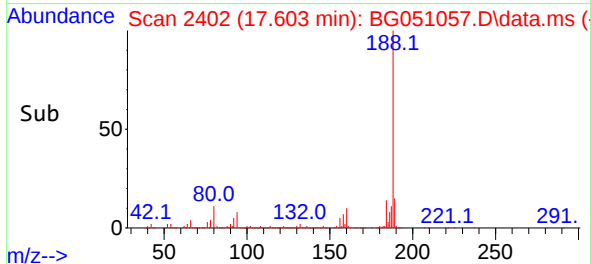
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10



Tgt Ion:188 Resp: 26216
Ion Ratio Lower Upper
188 100
94 8.4 5.4 8.0
80 10.6 3.7 5.5

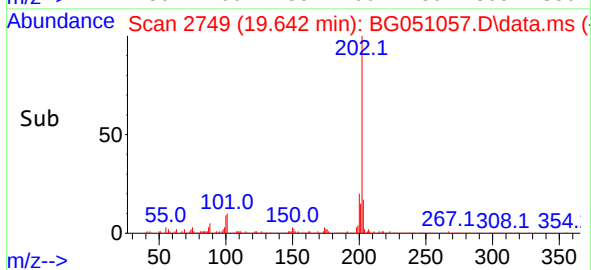
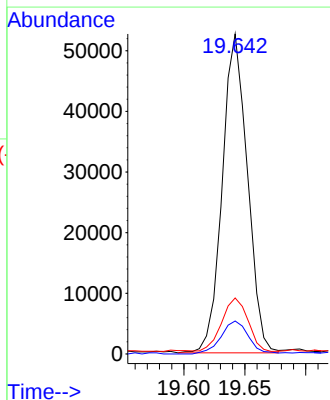
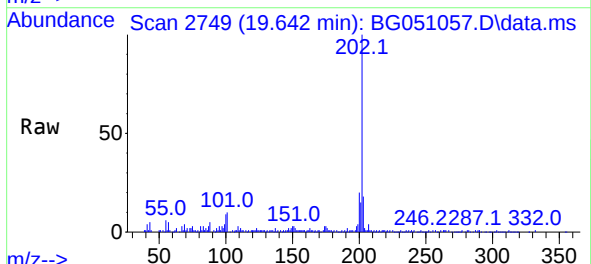
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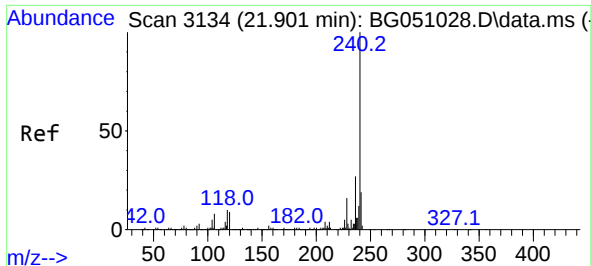
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021



#75
Fluoranthene
Concen: 4.401 ng
RT: 19.642 min Scan# 2749
Delta R.T. 0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

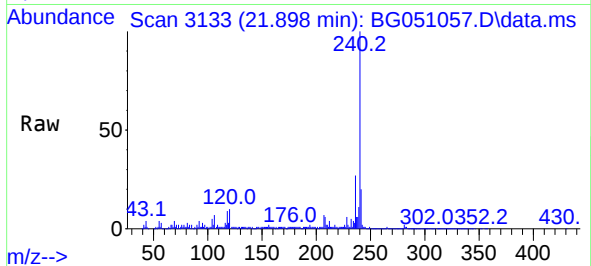
Tgt Ion:202 Resp: 75507
Ion Ratio Lower Upper
202 100
101 10.3 0.0 24.7
203 17.5 0.0 38.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3134
Delta R.T. -0.002 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

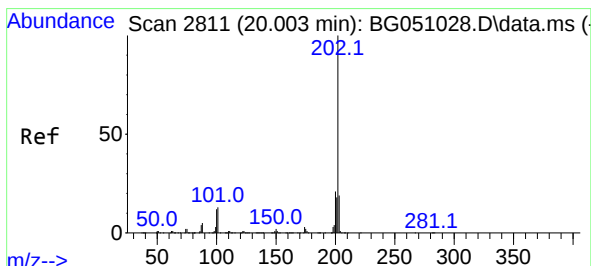
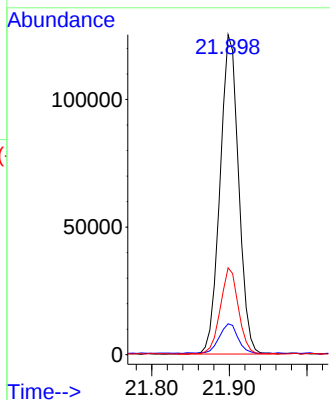
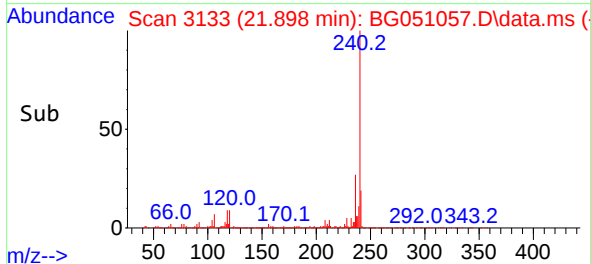
Instrument :
BNA_G
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VWE-B31-111121-0-10



Tgt Ion:240 Resp: 209150
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2
236 27.2 21.8 32.6

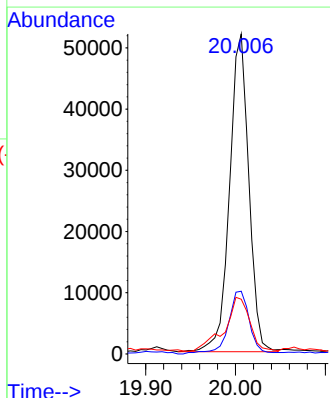
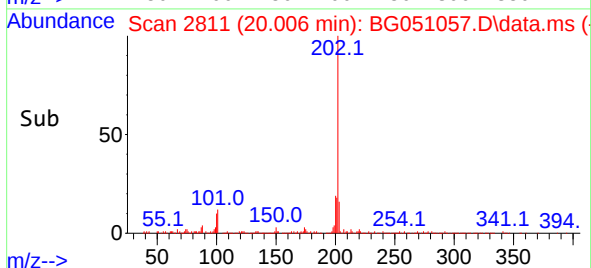
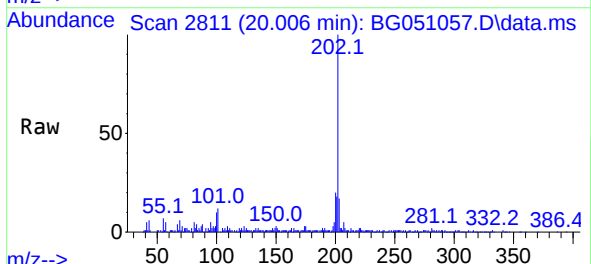
Manual Integrations
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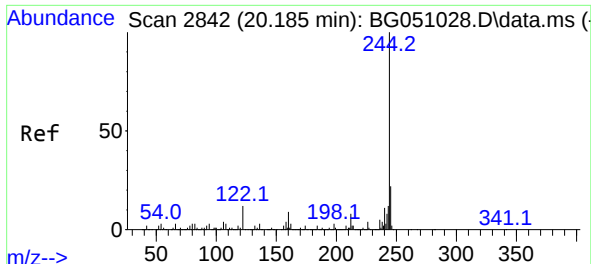
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021



#78
Pyrene
Concen: 4.914 ng
RT: 20.006 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

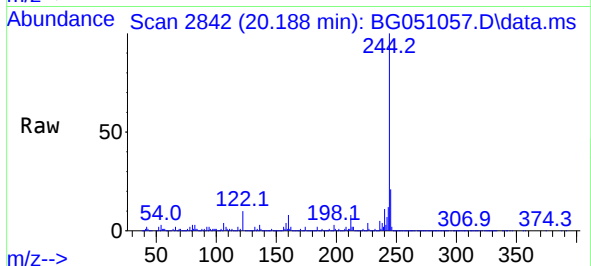
Tgt Ion:202 Resp: 77105
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 55.607 ng
 RT: 20.188 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG051057.D
 Acq: 16 Nov 2021 1:33

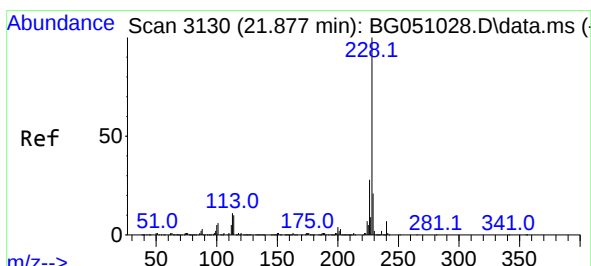
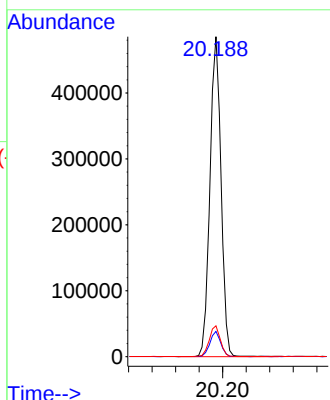
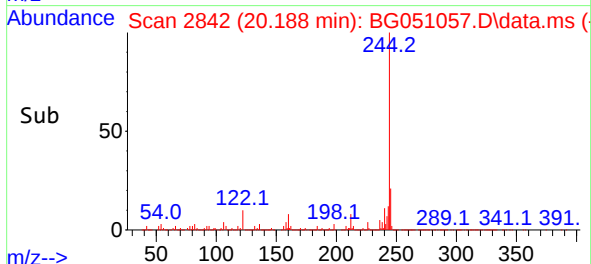
Instrument :
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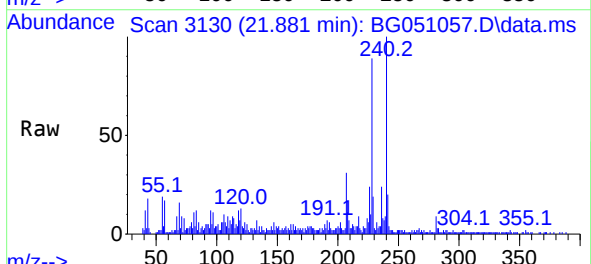
Tgt Ion:244 Resp: 63562
 Ion Ratio Lower Upper
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 212 7.9 6.9 10.3
 122 9.6 5.0 7.6

Manual Integrations
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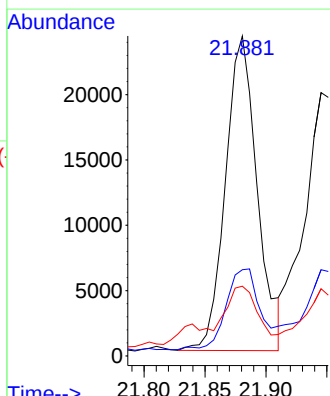
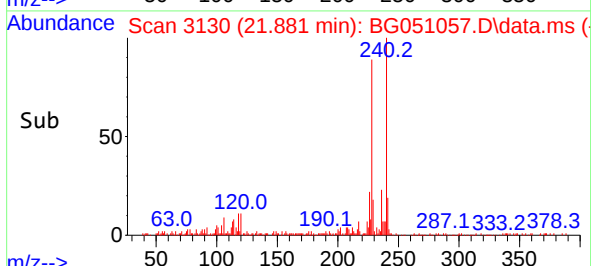
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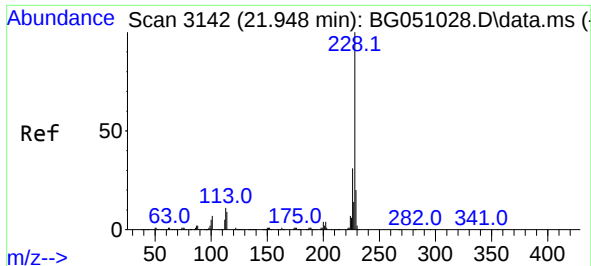


#81
 Benzo(a)anthracene
 Concen: 3.038 ng
 RT: 21.881 min Scan# 3130
 Delta R.T. 0.003 min
 Lab File: BG051057.D
 Acq: 16 Nov 2021 1:33



Tgt Ion:228 Resp: 43630
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.7 34.1
 229 21.8 16.0 24.0





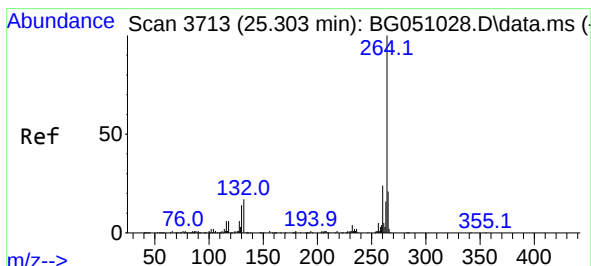
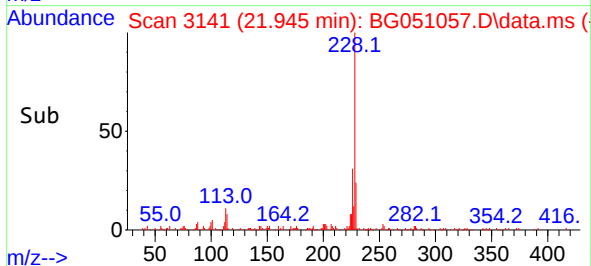
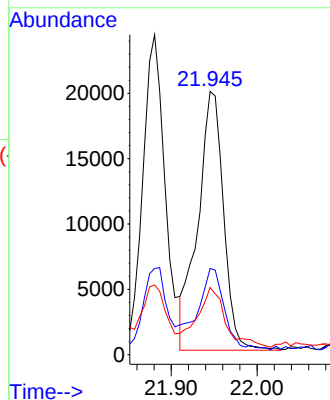
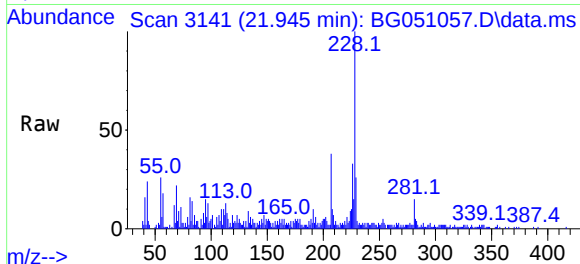
#83
Chrysene
Concen: 3.061 ng m
RT: 21.945 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10

Tgt Ion:228 Resp: 41470
Ion Ratio Lower Upper
228 100
226 32.8 23.1 34.7
229 25.5 15.3 22.9

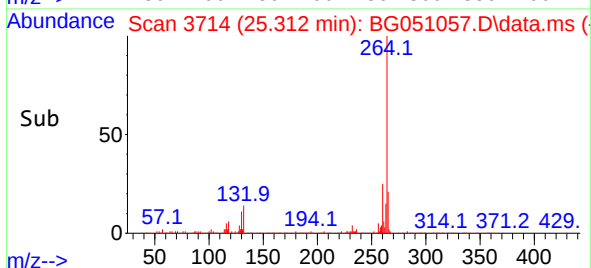
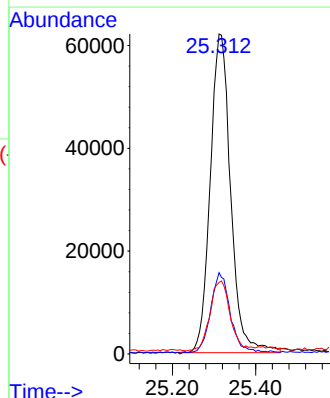
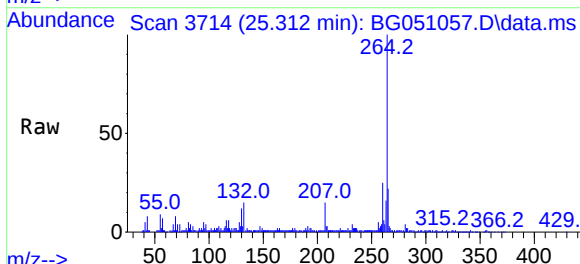
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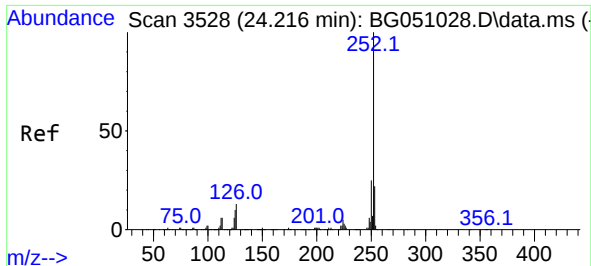
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.312 min Scan# 3714
Delta R.T. 0.009 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

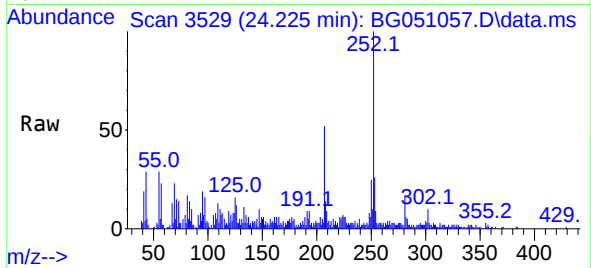
Tgt Ion:264 Resp: 211140
Ion Ratio Lower Upper
264 100
260 25.4 19.4 29.2
265 22.3 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 4.638 ng
RT: 24.225 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

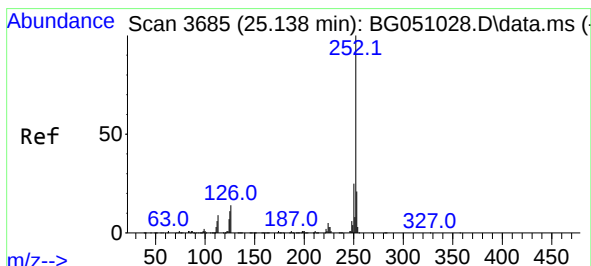
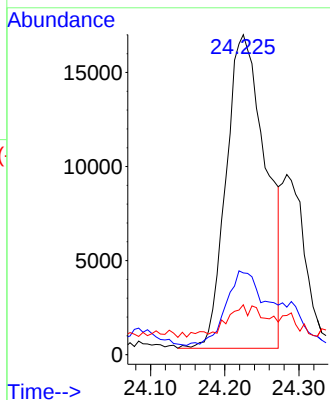
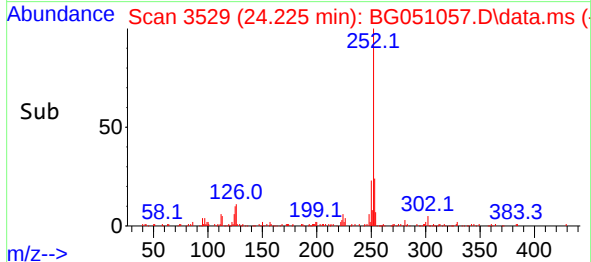
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10



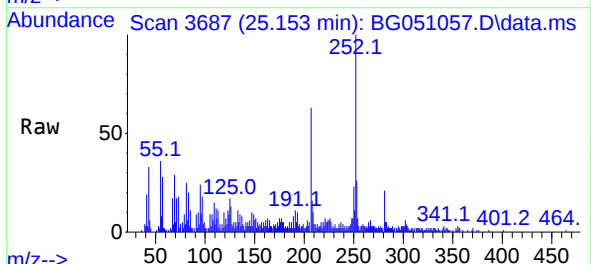
Tgt Ion:252 Resp: 6164
Ion Ratio Lower Upper
252 100
253 25.5 16.2 24.4#
125 15.6 3.0 4.4#

Manual Integrations
APPROVED

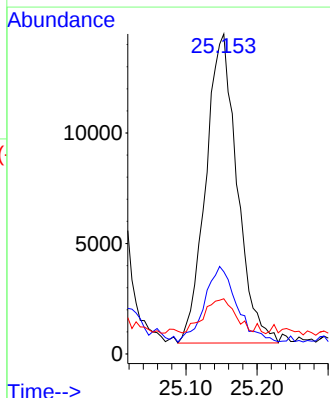
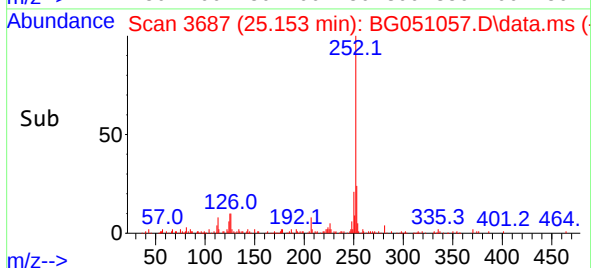
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

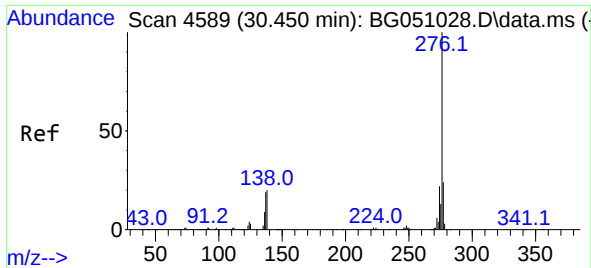


#90
Benzo(a)pyrene
Concen: 3.773 ng
RT: 25.153 min Scan# 3687
Delta R.T. 0.015 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33



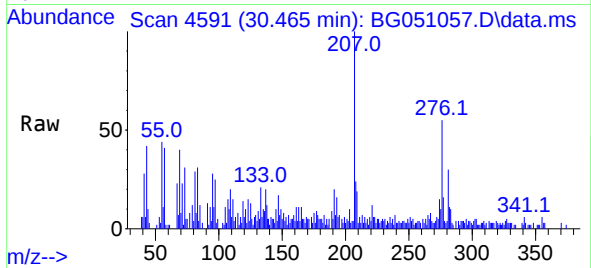
Tgt Ion:252 Resp: 42812
Ion Ratio Lower Upper
252 100
253 25.7 16.6 25.0#
125 17.3 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 2.406 ng m
RT: 30.465 min Scan# 4591
Delta R.T. 0.015 min
Lab File: BG051057.D
Acq: 16 Nov 2021 1:33

Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10



Tgt Ion: 276 Resp: 29219

Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.4	27.6
138	21.6	7.0	10.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

