

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056314.D
 Acq On : 17 Jan 2023 14:21
 Operator : CG/JU
 Sample : 01161-01DL2 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230113-H4-STOCKPILEDL2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 17 15:47:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	51022	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	189750	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	150358	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	398967	20.000	ng	0.00
76) Chrysene-d12	21.960	240	424352	20.000	ng	0.00
86) Perylene-d12	25.403	264	468739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	5435	1.902	ng	0.00
7) Phenol-d6	7.447	99	7045	1.605	ng	0.00
23) Nitrobenzene-d5	9.486	82	3928	1.059	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	3057	1.605	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	13088	1.202	ng	0.00
79) Terphenyl-d14	20.232	244	28647	1.209	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.196	128	268182	26.855	ng	97
37) 2-Methylnaphthalene	12.776	142	32326	3.834	ng	93
38) 1-Methylnaphthalene	12.994	142	18980m	2.424	ng	

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

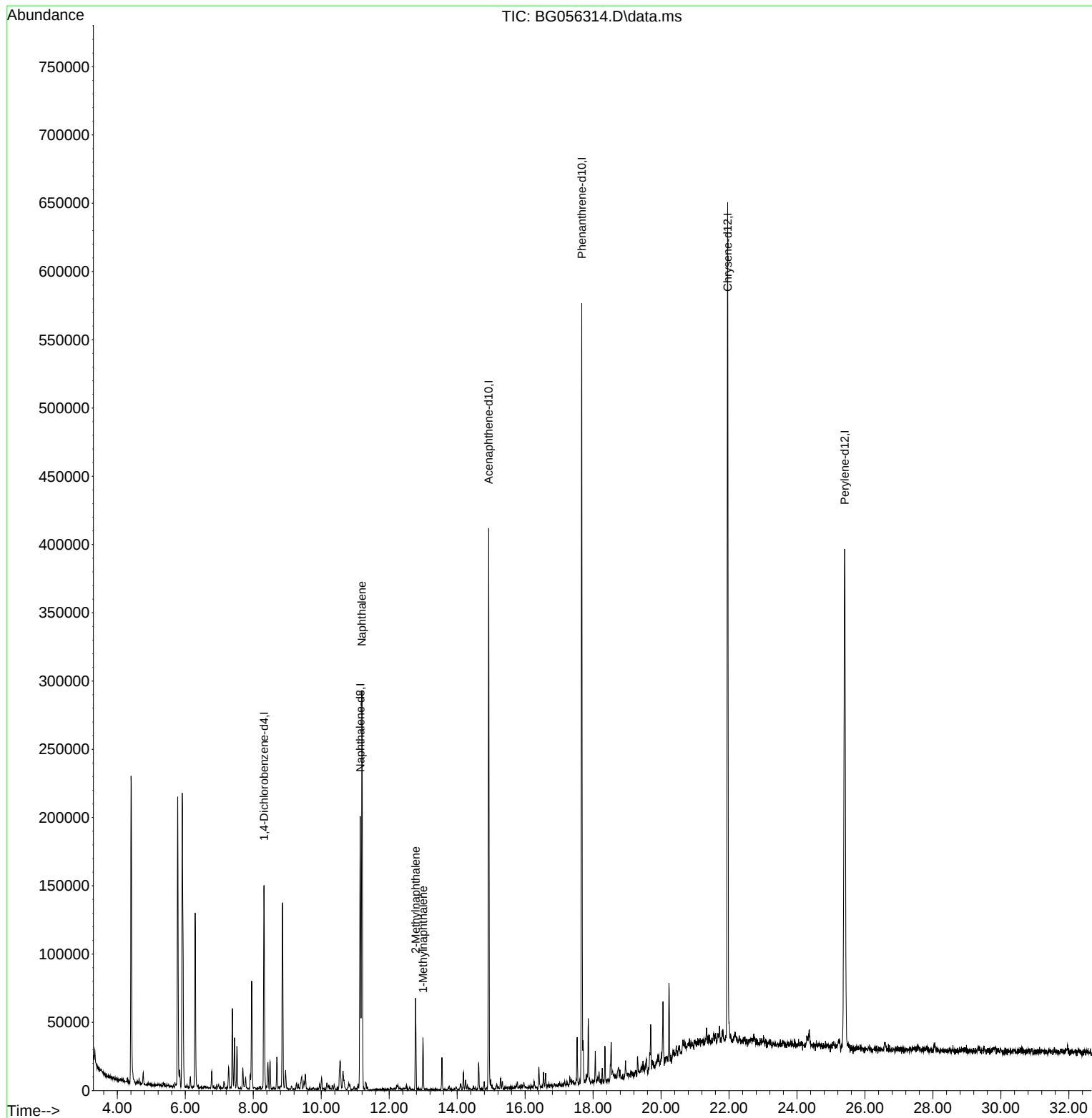
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
Data File : BG056314.D
Acq On : 17 Jan 2023 14:21
Operator : CG/JU
Sample : 01161-01DL2 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

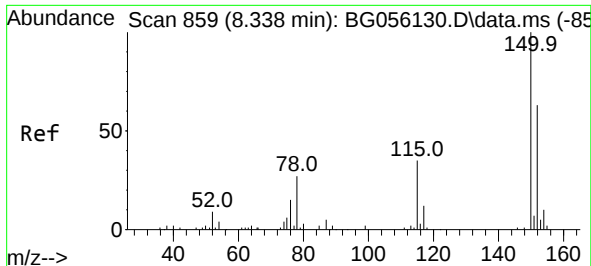
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILEDL2

Quant Time: Jan 17 15:47:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
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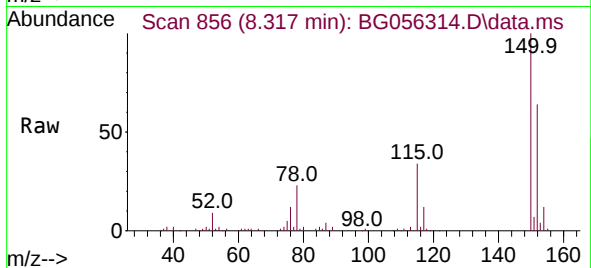
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

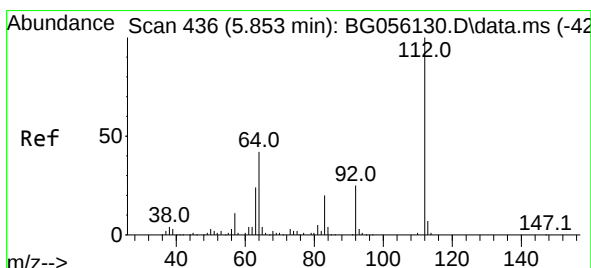
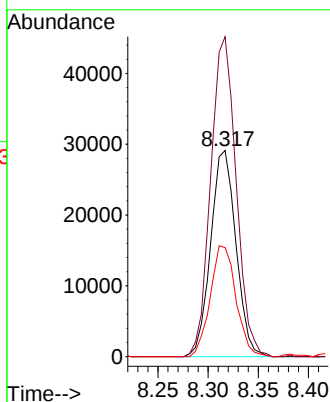
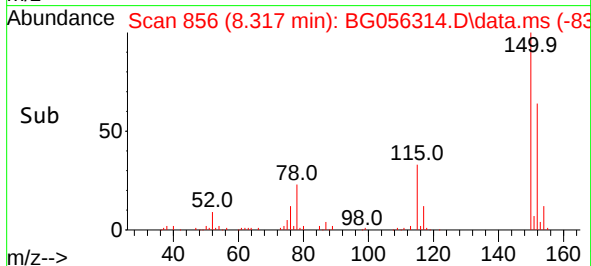
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILEDL2



Tgt Ion:152 Resp: 51022
Ion Ratio Lower Upper
152 100
150 155.2 127.9 191.9
115 52.9 44.2 66.2

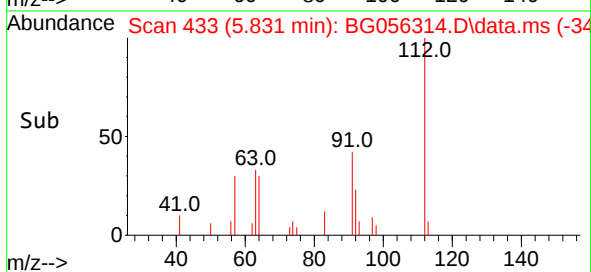
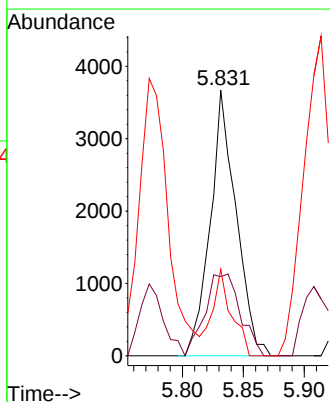
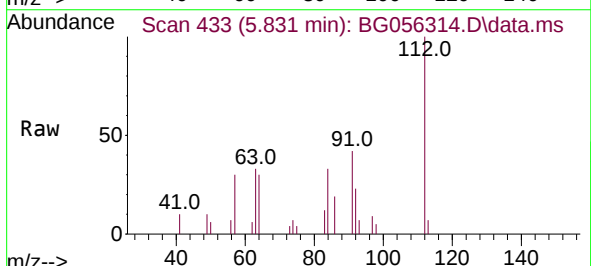
Manual Integrations
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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#5
2-Fluorophenol
Concen: 1.902 ng
RT: 5.831 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

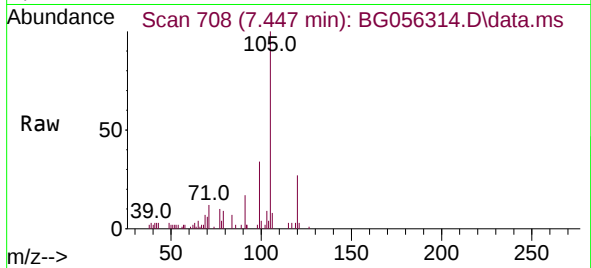
Tgt Ion:112 Resp: 5435
Ion Ratio Lower Upper
112 100
64 29.9 33.3 49.9#
63 32.6 19.0 28.4#





#7
Phenol-d6
Concen: 1.605 ng
RT: 7.447 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

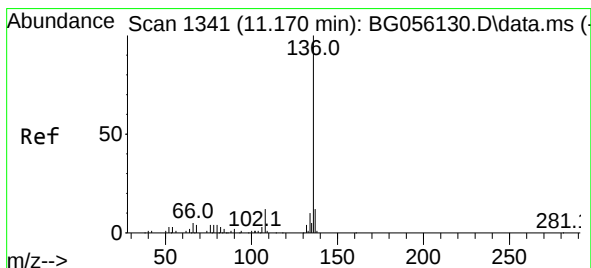
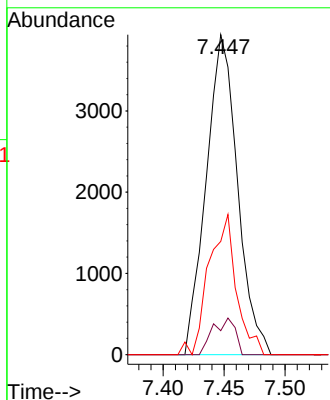
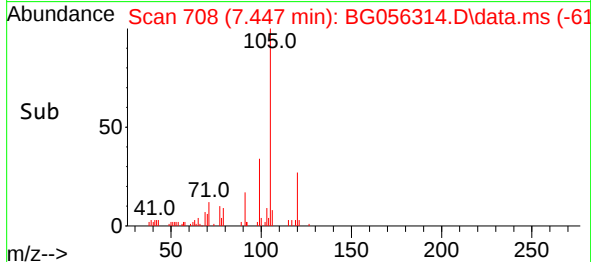
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILEDL2



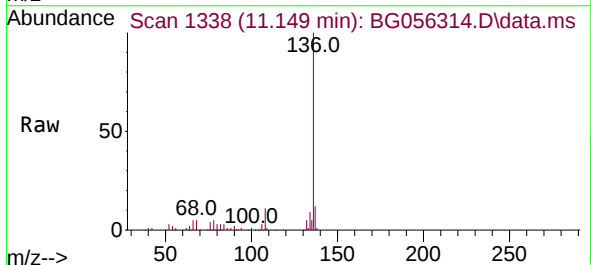
Tgt Ion: 99 Resp: 704
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 35.4 25.4 38.2

Manual Integrations
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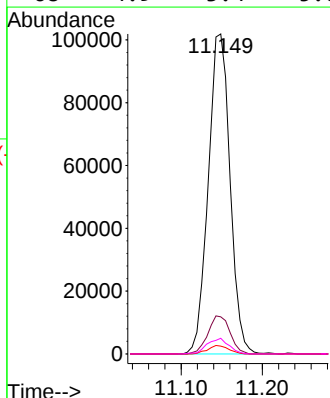
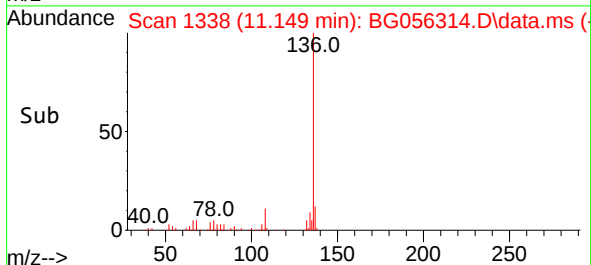
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21



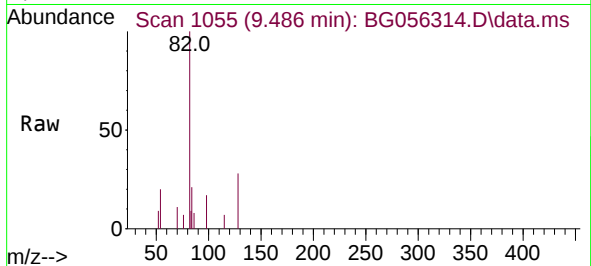
Tgt Ion:136 Resp: 189750
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 2.4 2.2 3.2
68 4.9 3.4 5.0





#23
Nitrobenzene-d5
Concen: 1.059 ng
RT: 9.486 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

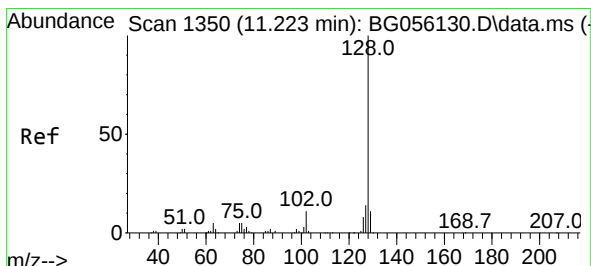
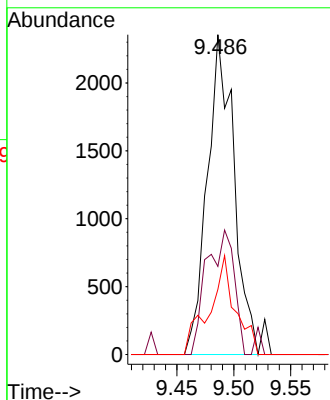
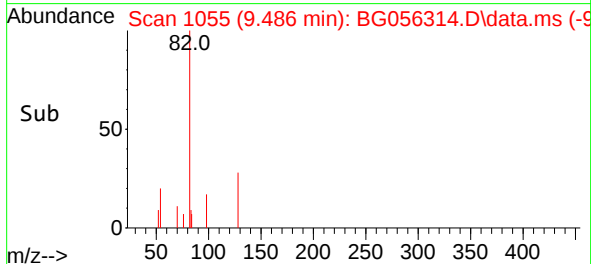
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILEDL2



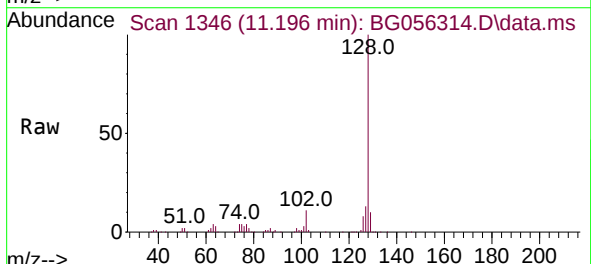
Tgt Ion: 82 Resp: 3928
Ion Ratio Lower Upper
82 100
128 27.6 33.4 50.2
54 20.4 20.3 30.5

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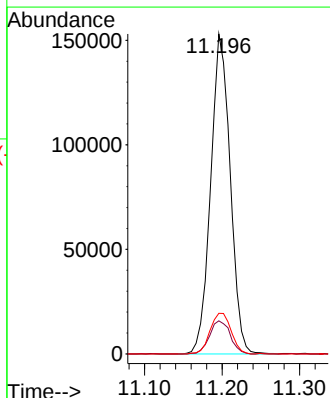
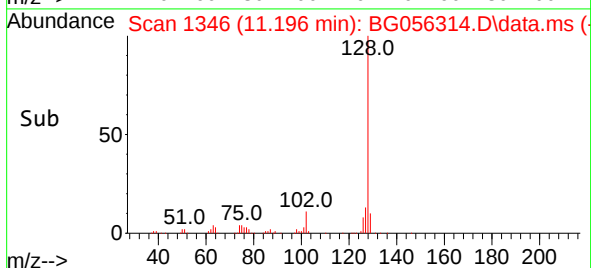
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

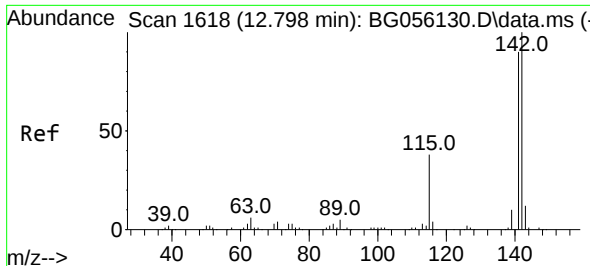


#31
Naphthalene
Concen: 26.855 ng
RT: 11.196 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21



Tgt Ion:128 Resp: 268182
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.7 11.2 16.8





#37

2-Methylnaphthalene

Concen: 3.834 ng

RT: 12.776 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BG056314.D

Acq: 17 Jan 2023 14:21

Instrument :

BNA_G

ClientSampleId :

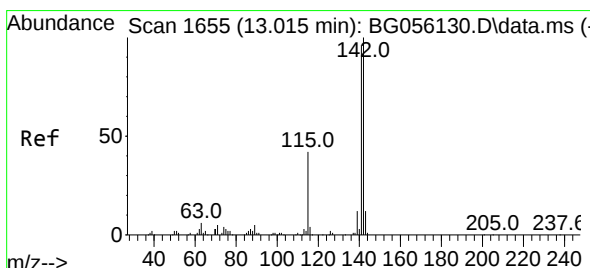
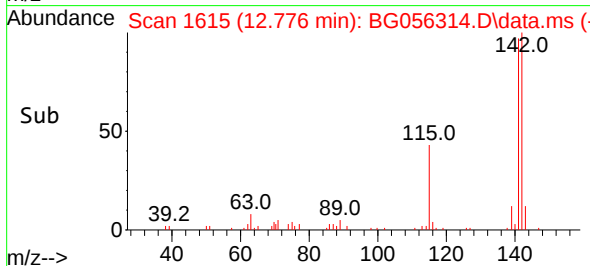
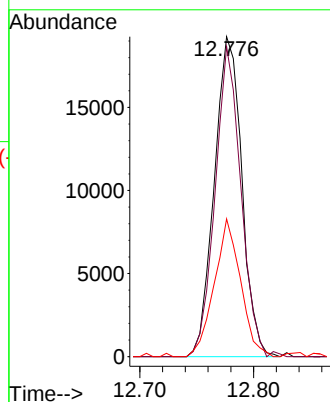
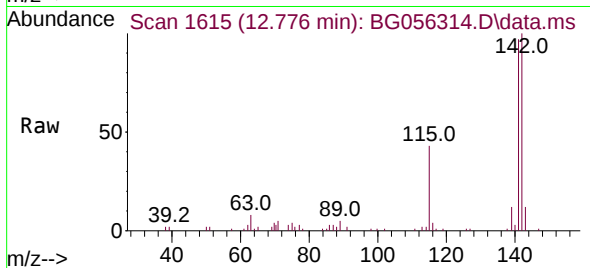
20230113-H4-STOCKPILEDL2

Tgt Ion:142	Resp:	32326
Ion Ratio	Lower	Upper
142	100	
141	96.9	72.2 108.4
115	43.0	30.7 46.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#38

1-Methylnaphthalene

Concen: 2.424 ng m

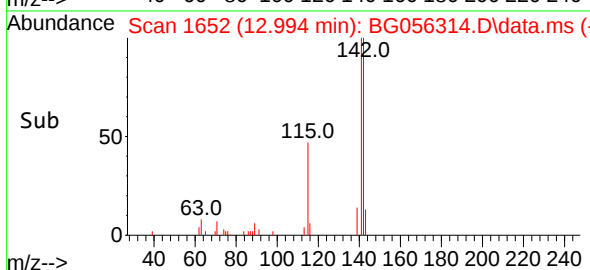
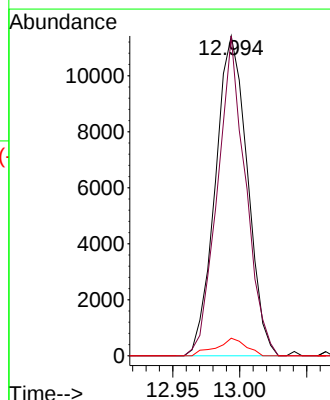
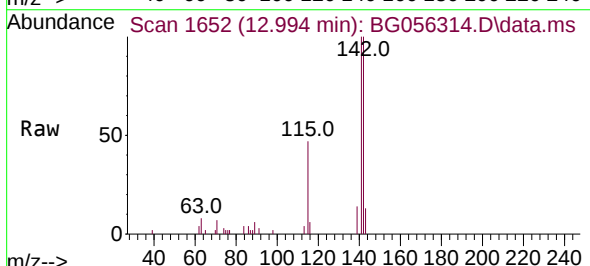
RT: 12.994 min Scan# 1652

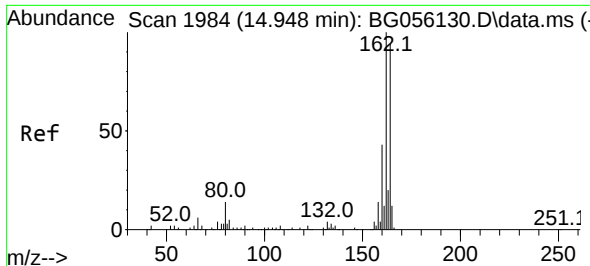
Delta R.T. 0.000 min

Lab File: BG056314.D

Acq: 17 Jan 2023 14:21

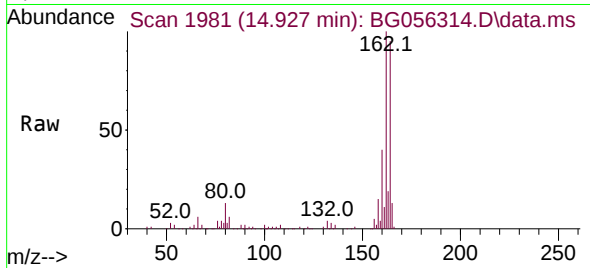
Tgt Ion:142	Resp:	18980
Ion Ratio	Lower	Upper
142	100	
141	100.0	77.0 115.6
116	5.5	3.6 5.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

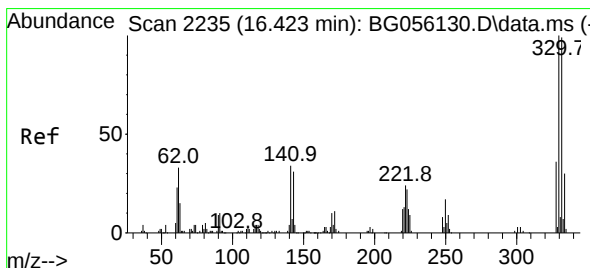
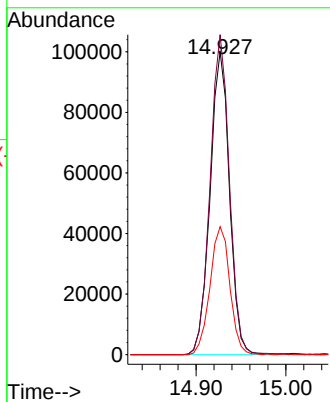
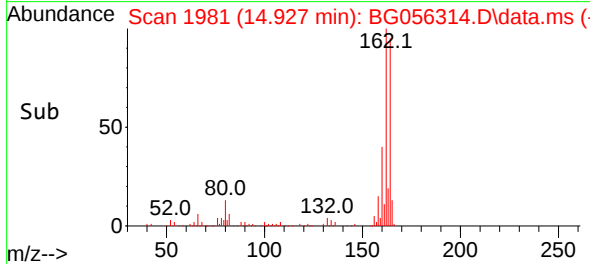
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILEDL2



Tgt Ion:164 Resp: 150358
Ion Ratio Lower Upper
164 100
162 105.6 84.7 127.1
160 42.3 36.3 54.5

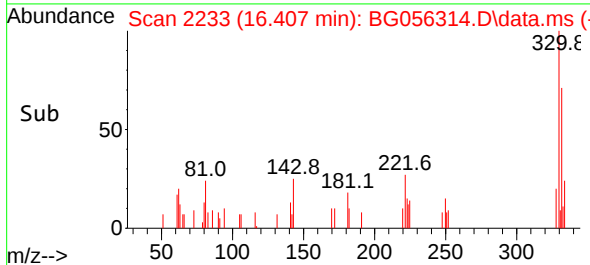
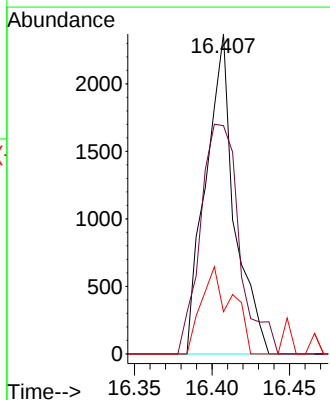
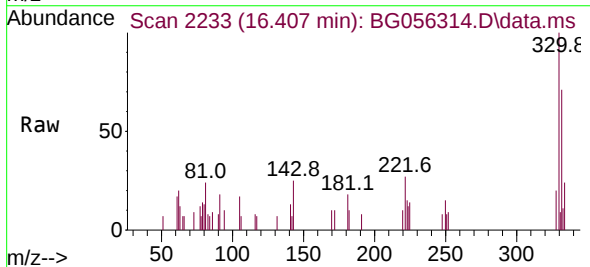
Manual Integrations
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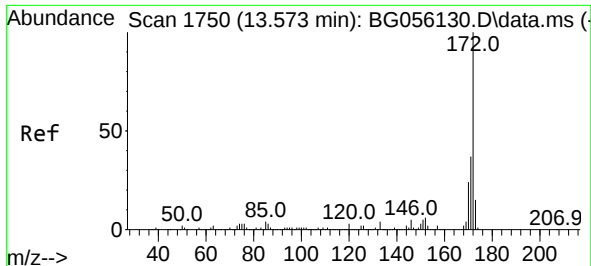
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#42
2,4,6-Tribromophenol
Concen: 1.605 ng
RT: 16.407 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

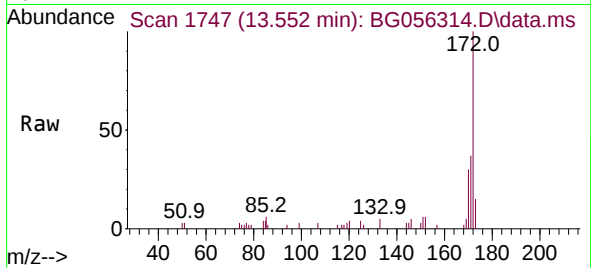
Tgt Ion:330 Resp: 3057
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 29.0 27.9 41.9





#45
2-Fluorobiphenyl
Concen: 1.202 ng
RT: 13.552 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

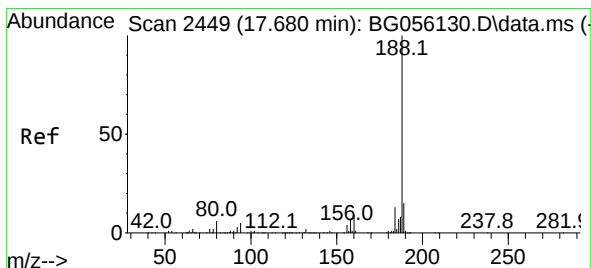
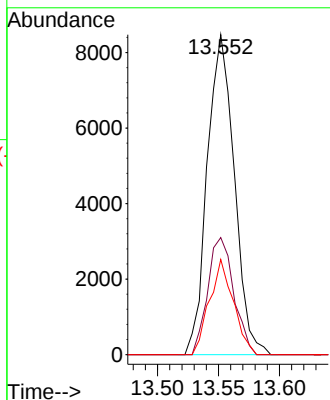
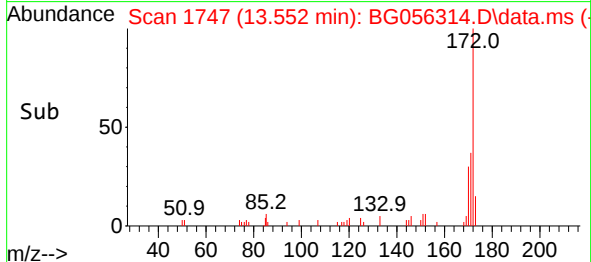
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILEDL2



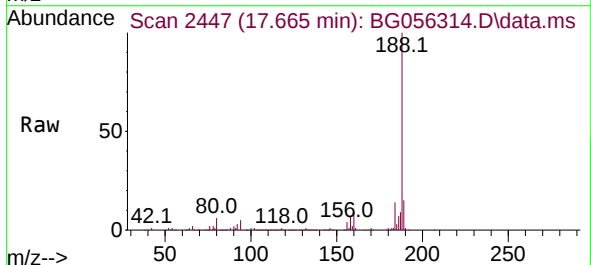
Tgt Ion:172 Resp: 13088
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 29.7 19.4 29.2

Manual Integrations
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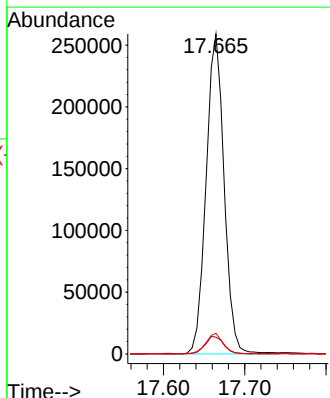
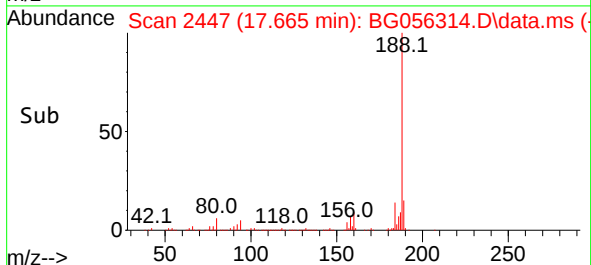
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

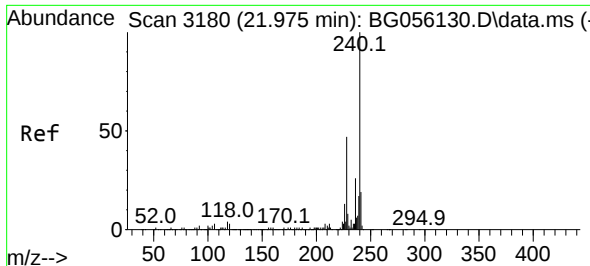


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21



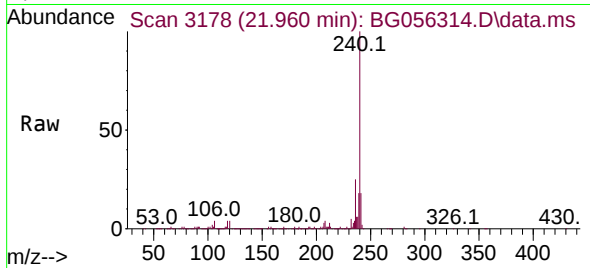
Tgt Ion:188 Resp: 398967
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.4 5.0 7.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

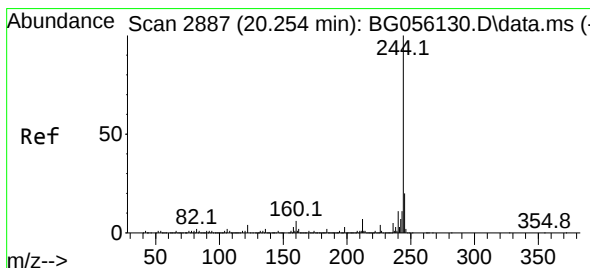
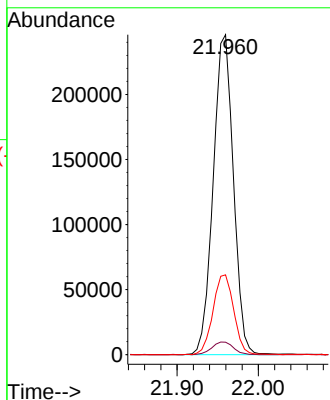
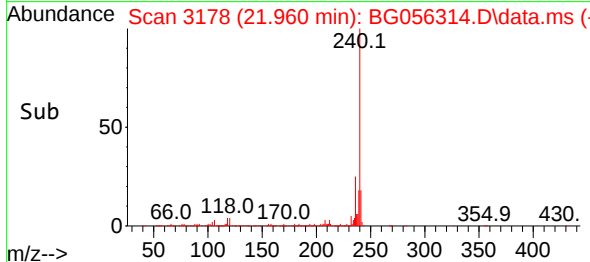
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILEDL2



Tgt Ion:240 Resp: 424352
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.0 20.8 31.2

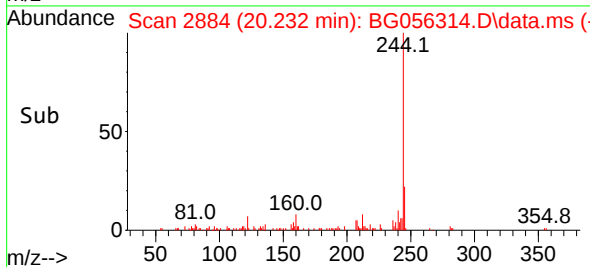
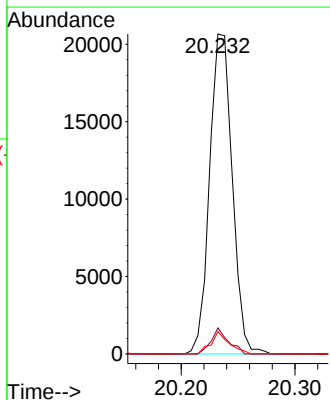
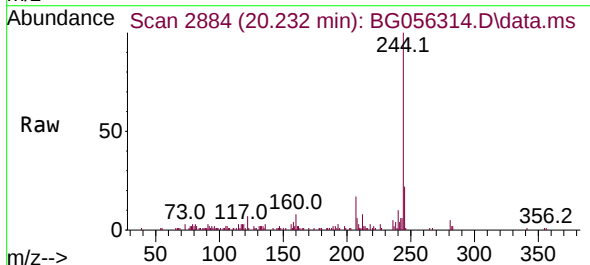
Manual Integrations
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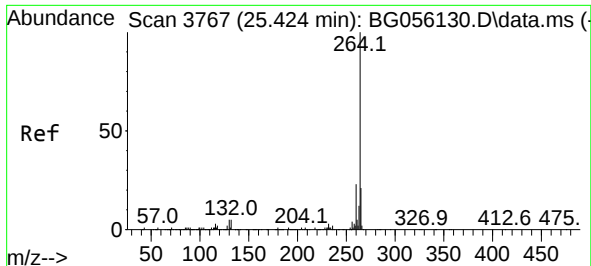
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#79
Terphenyl-d14
Concen: 1.209 ng
RT: 20.232 min Scan# 2884
Delta R.T. -0.006 min
Lab File: BG056314.D
Acq: 17 Jan 2023 14:21

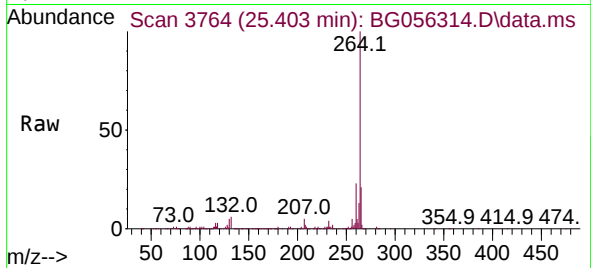
Tgt Ion:244 Resp: 28647
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 7.0 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG056314.D
 Acq: 17 Jan 2023 14:21

Instrument :
 BNA_G
 ClientSampleId :
 20230113-H4-STOCKPILEDL2



Tgt Ion:264 Resp: 468739
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 16.7 25.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

