

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
 Data File : BG054361.D
 Acq On : 22 Jul 2022 15:50
 Operator : CG/JU
 Sample : N3806-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-N48964

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

Quant Time: Jul 23 00:11:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	17732	20.000	ng	-0.01
21) Naphthalene-d8	10.803	136	68932	20.000	ng	# 0.00
39) Acenaphthene-d10	14.628	164	57218	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	151690	20.000	ng	# 0.00
76) Chrysene-d12	21.638	240	182330	20.000	ng	# 0.00
86) Perylene-d12	24.834	264	194725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	19995	23.543	ng	0.00
7) Phenol-d6	7.178	99	17670	15.184	ng	0.00
23) Nitrobenzene-d5	9.152	82	77136	60.938	ng	-0.01
42) 2,4,6-Tribromophenol	16.115	330	67740	56.386	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	231831	57.157	ng	-0.01
79) Terphenyl-d14	19.981	244	509511	55.436	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.236	79	4821	5.037	ng	95
22) Acetophenone	8.812	105	7173	4.327	ng	# 88
31) Naphthalene	10.850	128	24428	7.060	ng	98
37) 2-Methylnaphthalene	12.460	142	36248	13.641	ng	97
38) 1-Methylnaphthalene	12.672	142	24227m	9.357	ng	
71) Phenanthrene	17.413	178	35123	4.650	ng	98

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

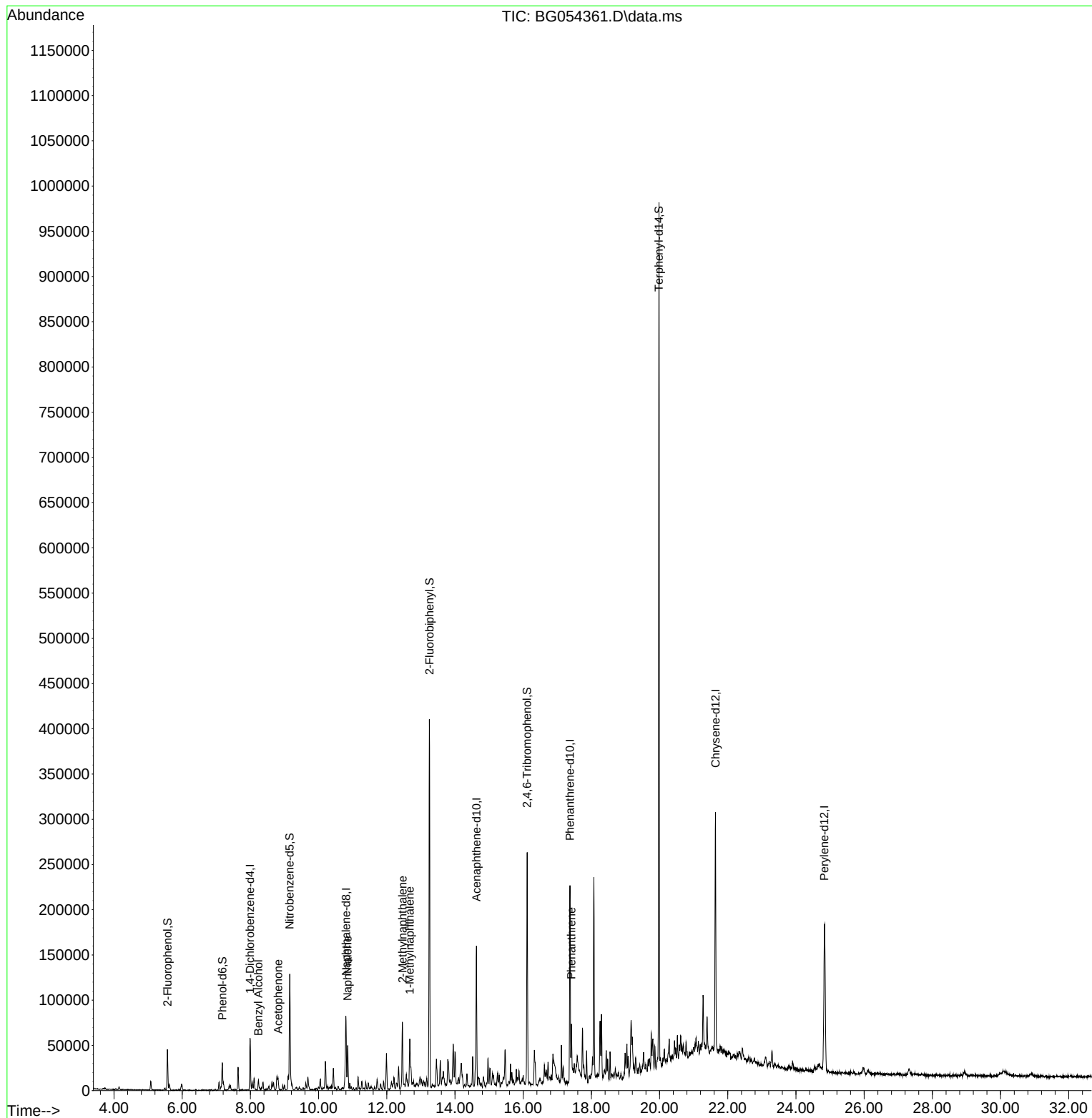
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

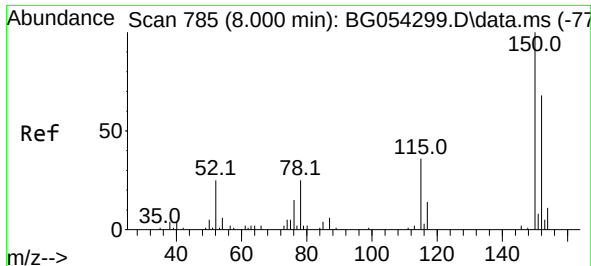
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Quant Time: Jul 23 00:11:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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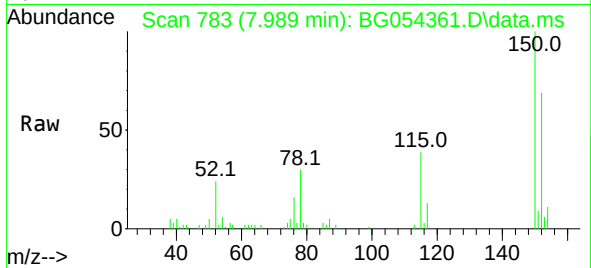
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.989 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

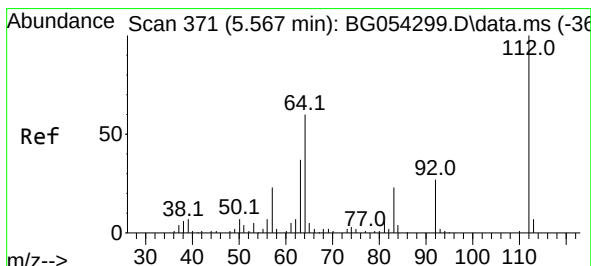
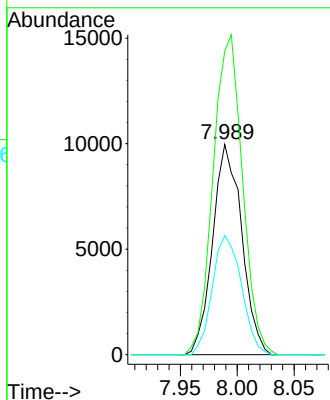
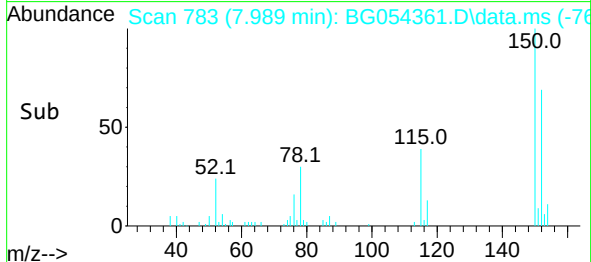
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964



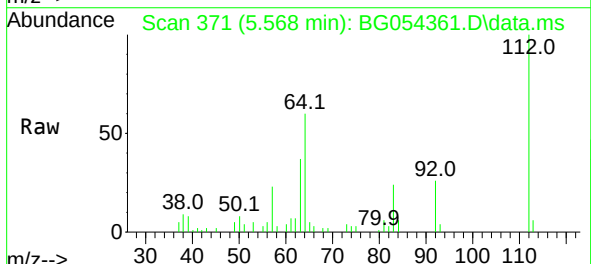
Tgt Ion:152 Resp: 1773
Ion Ratio Lower Upper
152 100
150 144.4 131.6 197.4
115 56.6 50.9 76.3

Manual Integrations
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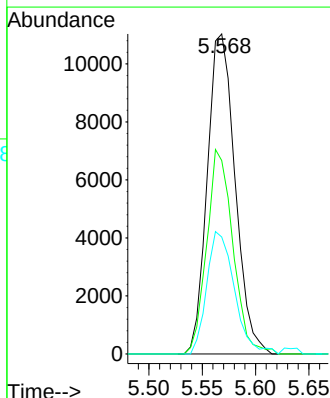
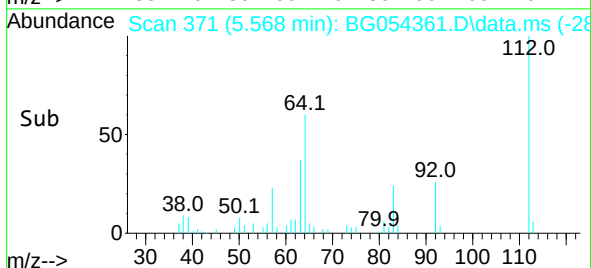
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Supervised By :Jagrut Upadhyay 07/25/2022

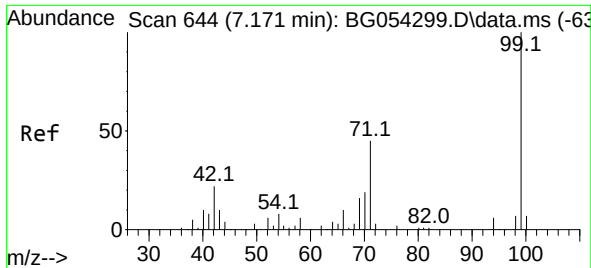


#5
2-Fluorophenol
Concen: 23.543 ng
RT: 5.568 min Scan# 371
Delta R.T. 0.001 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50



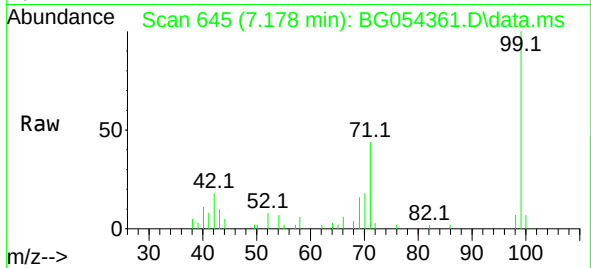
Tgt Ion:112 Resp: 19995
Ion Ratio Lower Upper
112 100
64 60.4 55.1 82.7
63 36.6 30.4 45.6





#7
Phenol-d6
Concen: 15.184 ng
RT: 7.178 min Scan# 644
Delta R.T. 0.007 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

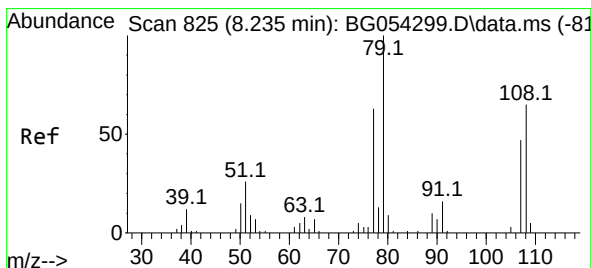
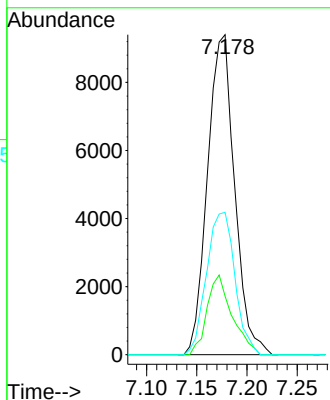
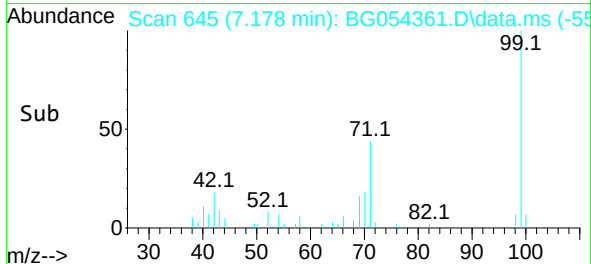
Instrument :
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ClientSampleId :
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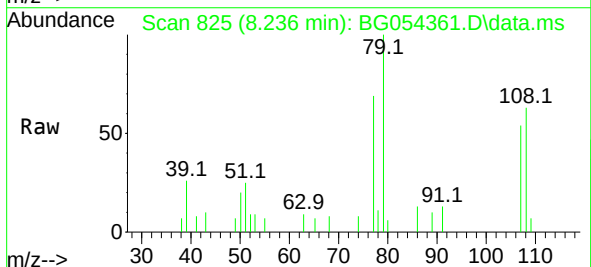
Tgt Ion: 99 Resp: 17670
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 44.5 33.8 50.8

Manual Integrations
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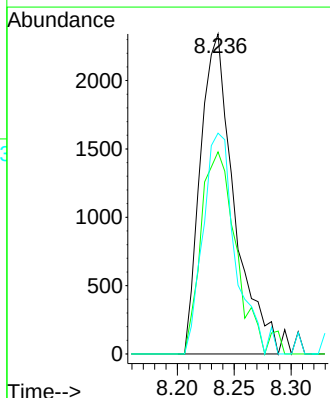
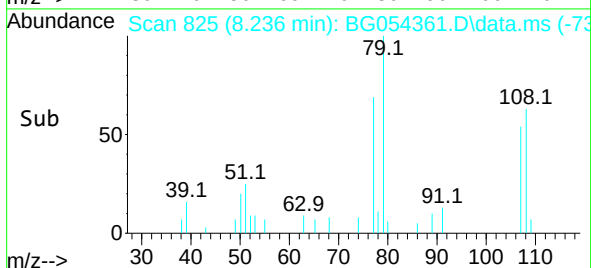
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

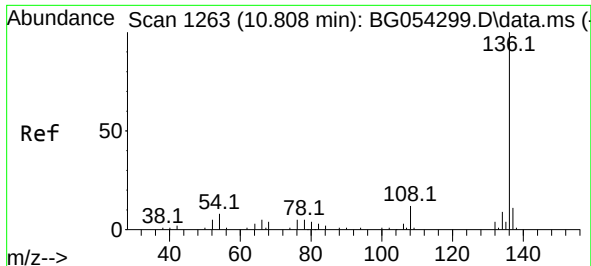


#15
Benzyl Alcohol
Concen: 5.037 ng
RT: 8.236 min Scan# 825
Delta R.T. 0.001 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50



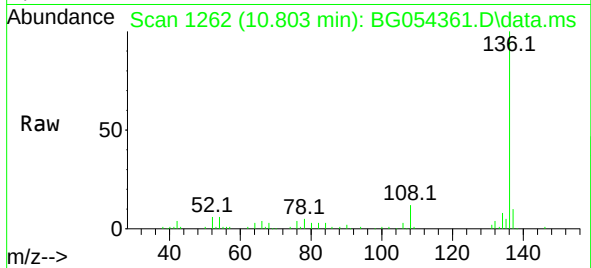
Tgt Ion: 79 Resp: 4821
Ion Ratio Lower Upper
79 100
108 63.2 53.7 80.5
77 69.0 52.2 78.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1262
Delta R.T. -0.005 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

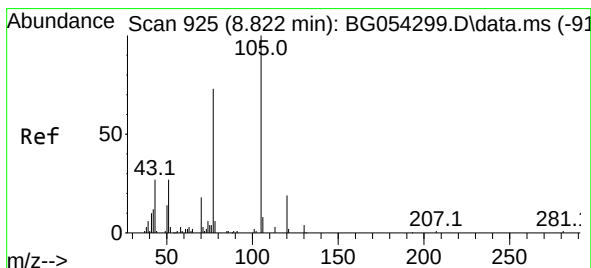
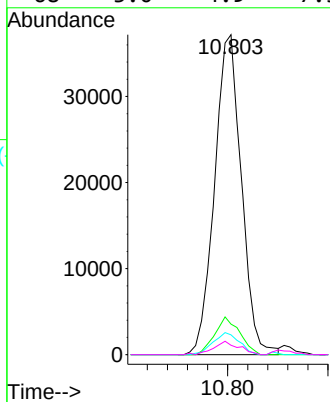
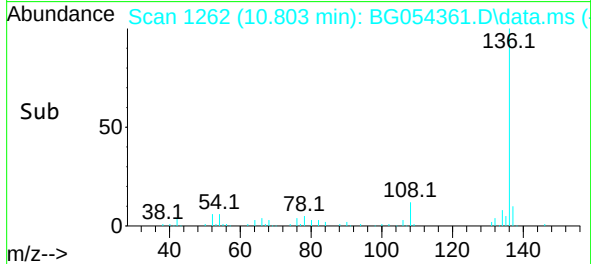
Instrument :
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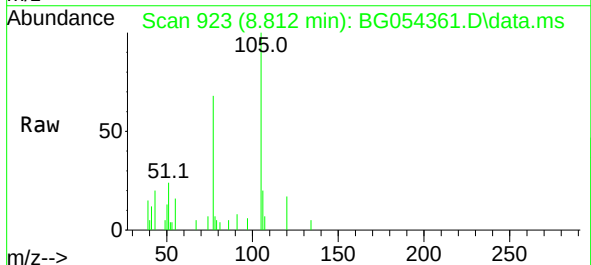
Tgt Ion:136 Resp: 6893
Ion Ratio Lower Upper
136 100
137 9.5 8.5 12.7
54 6.2 7.4 11.2
68 3.0 4.9 7.3#

Manual Integrations
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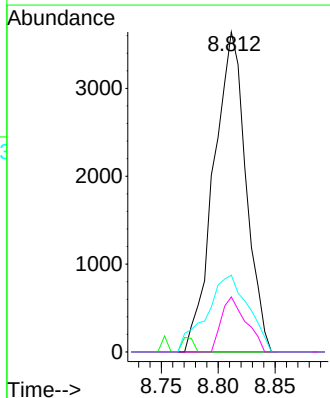
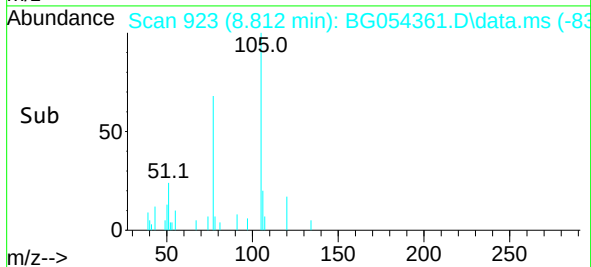
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

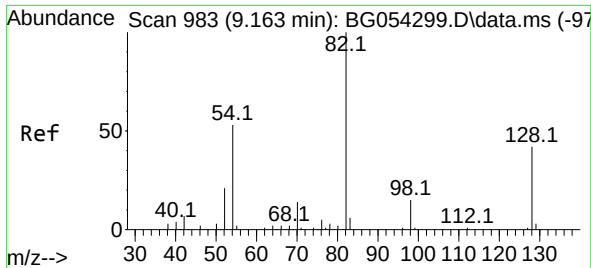


#22
Acetophenone
Concen: 4.327 ng
RT: 8.812 min Scan# 923
Delta R.T. -0.011 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50



Tgt Ion:105 Resp: 7173
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 24.0 25.4 38.0#
120 17.2 17.3 25.9#





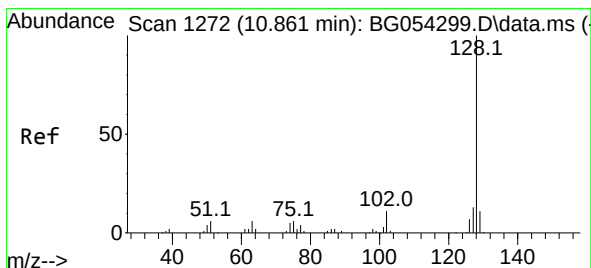
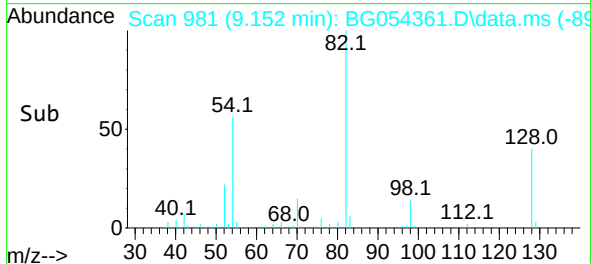
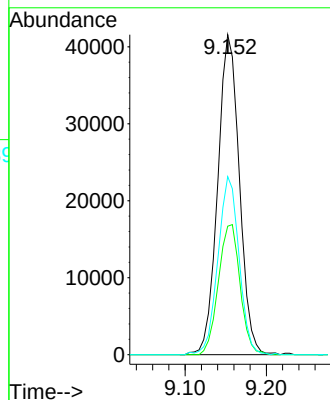
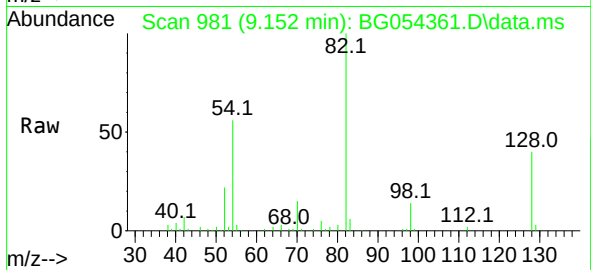
#23
Nitrobenzene-d5
Concen: 60.938 ng
RT: 9.152 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Tgt Ion: 82 Resp: 77130
Ion Ratio Lower Upper
82 100
128 40.2 27.9 41.9
54 55.6 41.2 61.8

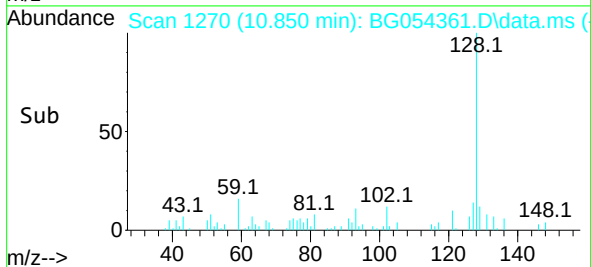
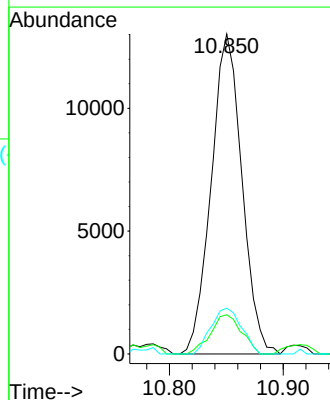
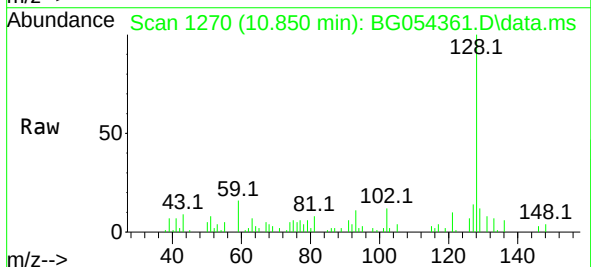
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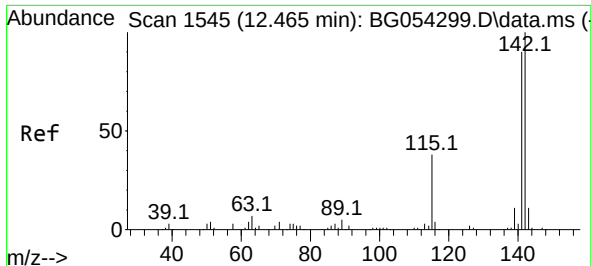
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#31
Naphthalene
Concen: 7.060 ng
RT: 10.850 min Scan# 1270
Delta R.T. -0.011 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

Tgt Ion:128 Resp: 24428
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.3 11.1 16.7





#37

2-Methylnaphthalene

Concen: 13.641 ng

RT: 12.460 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054361.D

Acq: 22 Jul 2022 15:50

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-N48964

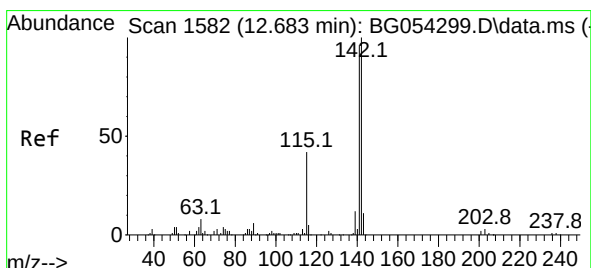
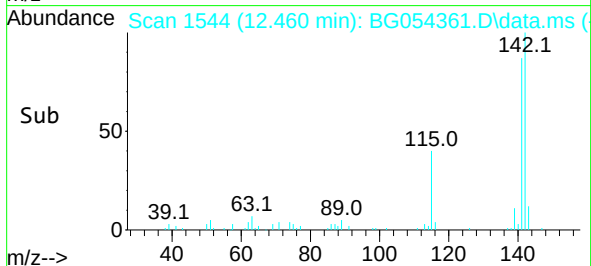
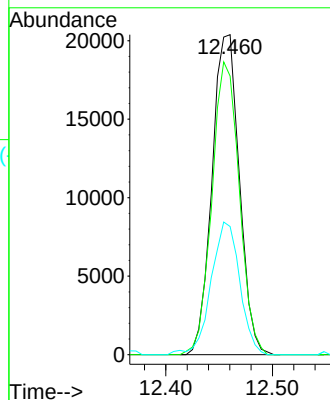
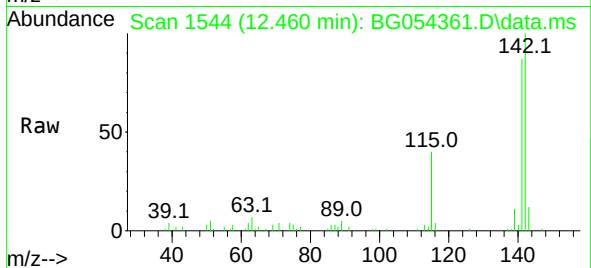
Tgt Ion:	142	Resp:	3624
Ion Ratio	Lower	Upper	
142	100		
141	87.0	72.3	108.5
115	40.1	33.7	50.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/25/2022



#38

1-Methylnaphthalene

Concen: 9.357 ng m

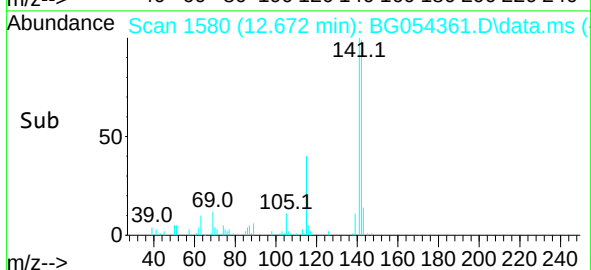
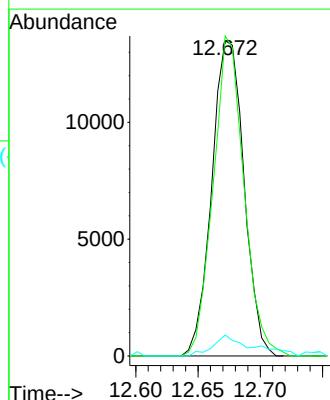
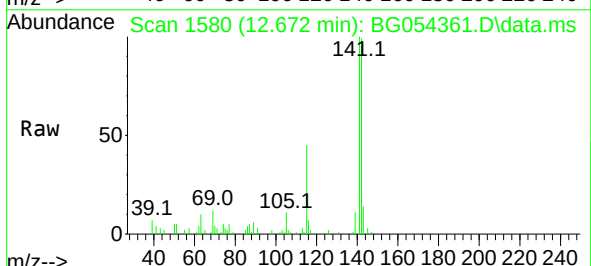
RT: 12.672 min Scan# 1580

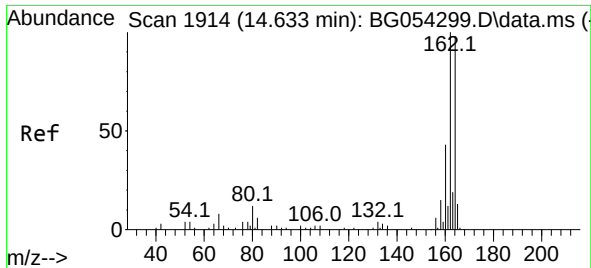
Delta R.T. -0.011 min

Lab File: BG054361.D

Acq: 22 Jul 2022 15:50

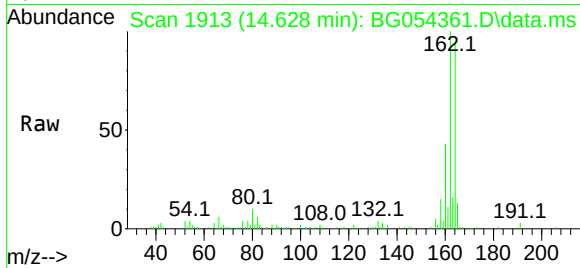
Tgt Ion:	142	Resp:	24227
Ion Ratio	Lower	Upper	
142	100		
141	101.5	76.4	114.6
116	6.7	3.3	4.9#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.628 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

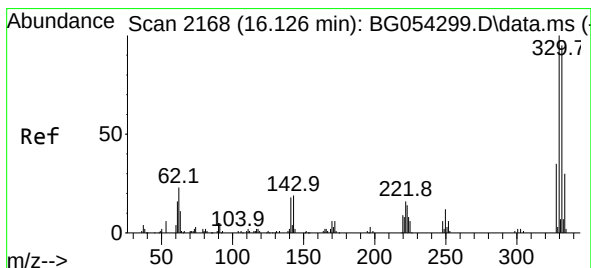
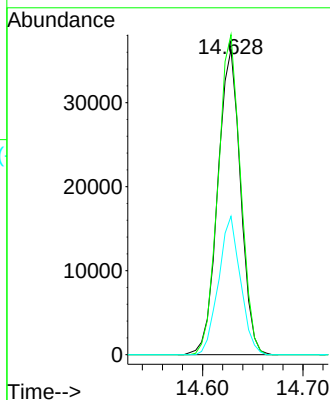
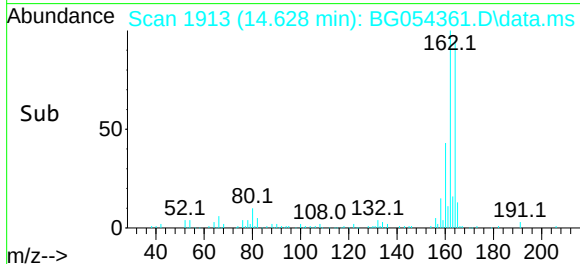
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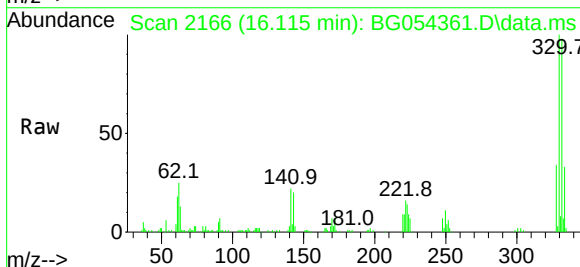
Tgt Ion:164 Resp: 57218
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 45.4 34.2 51.2

Manual Integrations
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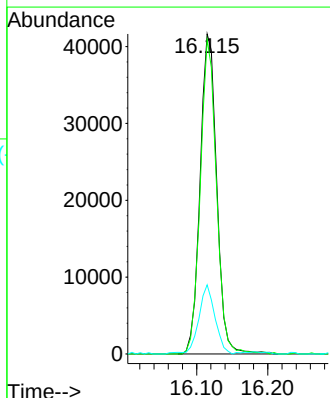
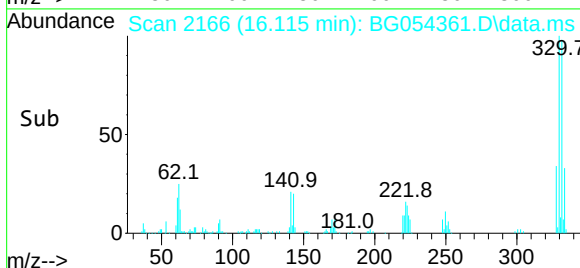
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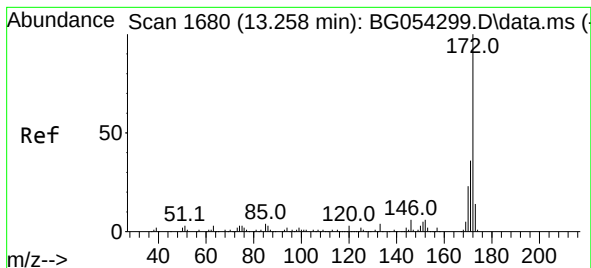


#42
2,4,6-Tribromophenol
Concen: 56.386 ng
RT: 16.115 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50



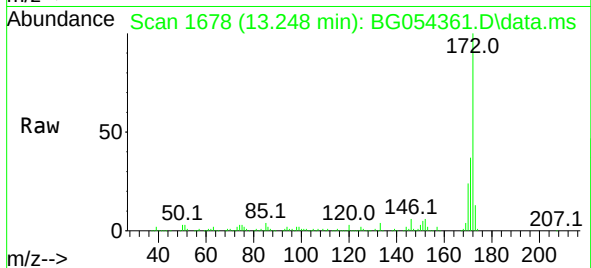
Tgt Ion:330 Resp: 67740
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 21.1 27.1 40.7#





#45
2-Fluorobiphenyl
Concen: 57.157 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

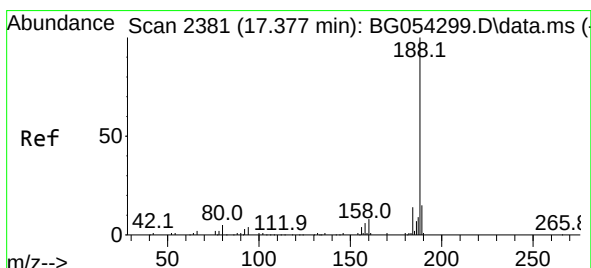
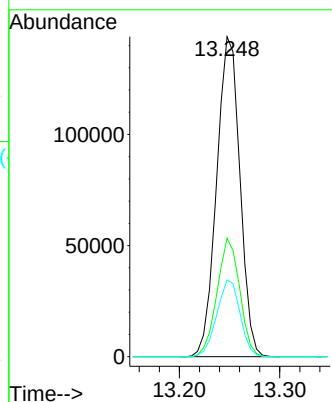
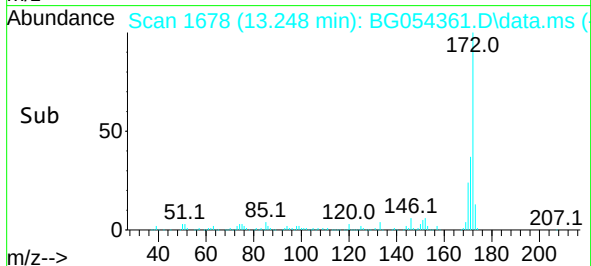
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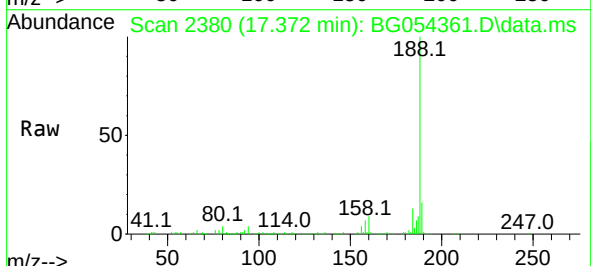
Tgt Ion:172 Resp: 23183
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.0 18.9 28.3

Manual Integrations
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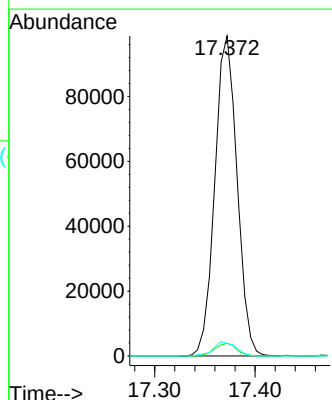
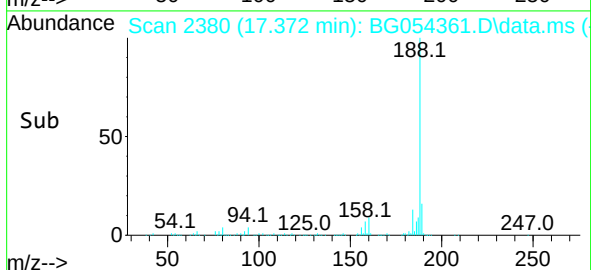
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

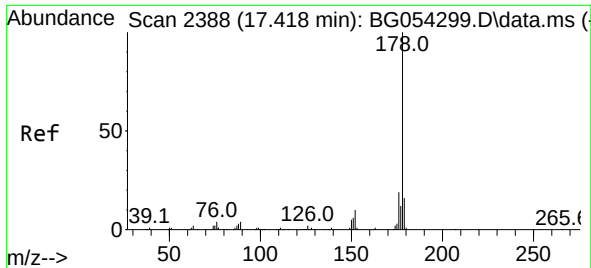


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2380
Delta R.T. -0.005 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50



Tgt Ion:188 Resp: 151690
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.0 6.8 10.2#





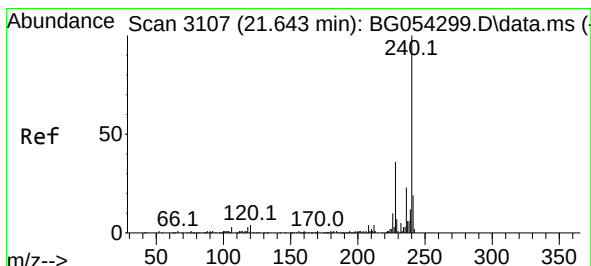
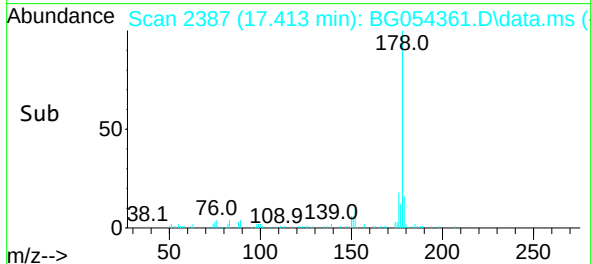
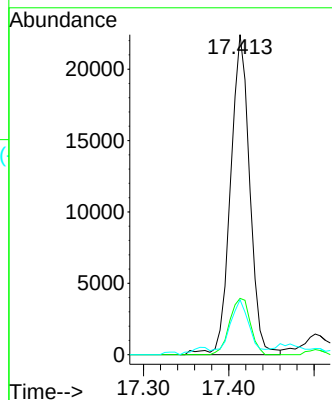
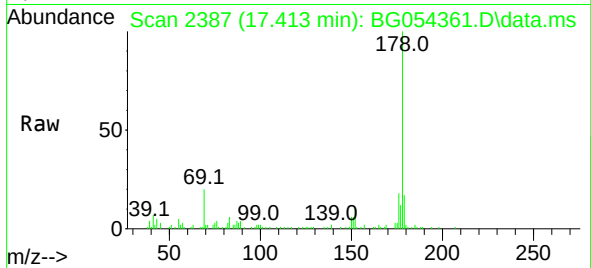
#71
Phenanthrene
Concen: 4.650 ng
RT: 17.413 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Tgt Ion:178 Resp: 3512
Ion Ratio Lower Upper
178 100
176 17.6 14.1 21.1
179 17.1 12.1 18.1

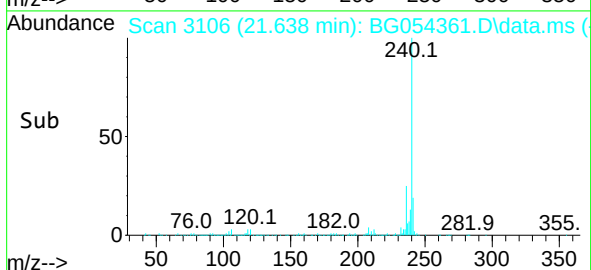
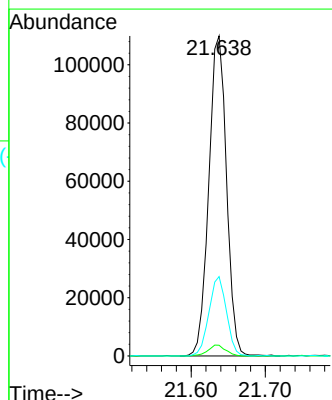
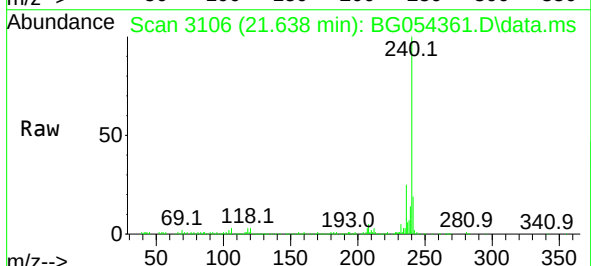
Manual Integrations
APPROVED

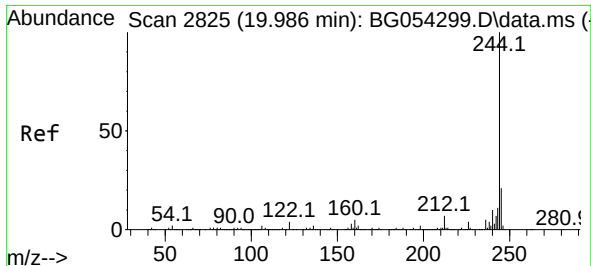
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.638 min Scan# 3106
Delta R.T. -0.005 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

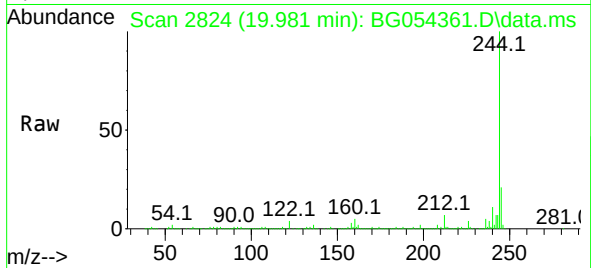
Tgt Ion:240 Resp: 182330
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 24.8 20.2 30.4





#79
Terphenyl-d14
Concen: 55.436 ng
RT: 19.981 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

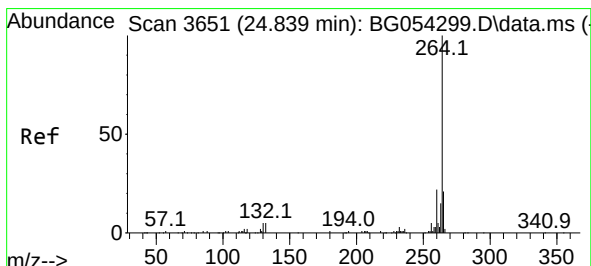
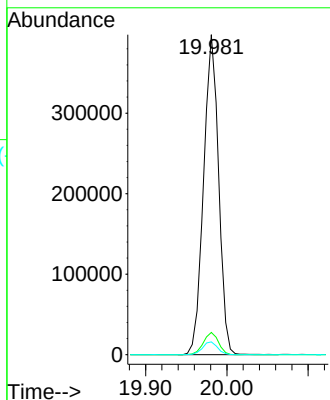
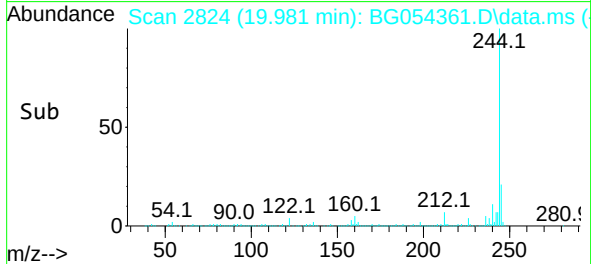
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964



Tgt Ion:244 Resp: 50951
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.0 5.0 7.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.834 min Scan# 3650
Delta R.T. -0.005 min
Lab File: BG054361.D
Acq: 22 Jul 2022 15:50

Tgt Ion:264 Resp: 194725
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.8 17.4 26.2

