

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054352.D
 Acq On : 21 Jul 2022 19:54
 Operator : CG/JU
 Sample : N3786-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-WC3B

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

Quant Time: Jul 22 02:37:52 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	7.994	152	20789	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	78082	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	60814	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	149383	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	156640	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	165758	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	93110	93.512	ng	0.00
7) Phenol-d6	7.177	99	125263	91.811	ng	0.00
23) Nitrobenzene-d5	9.157	82	85061	59.324	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	116132	90.951	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	256903	59.593	ng	0.00
79) Terphenyl-d14	19.986	244	481207	60.944	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.418	178	38541	5.181	ng	99
75) Fluoranthene	19.433	202	76374	7.531	ng	94
78) Pyrene	19.792	202	72546	8.072	ng	98
81) Benzo(a)anthracene	21.625	228	44189	4.444	ng	97
83) Chrysene	21.690	228	39356m	4.189	ng	
87) Indeno(1,2,3-cd)pyrene	28.517	276	25712	2.039	ng	96
88) Benzo(b)fluoranthene	23.834	252	52349	5.340	ng	97
90) Benzo(a)pyrene	24.698	252	37078	4.429	ng	99

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

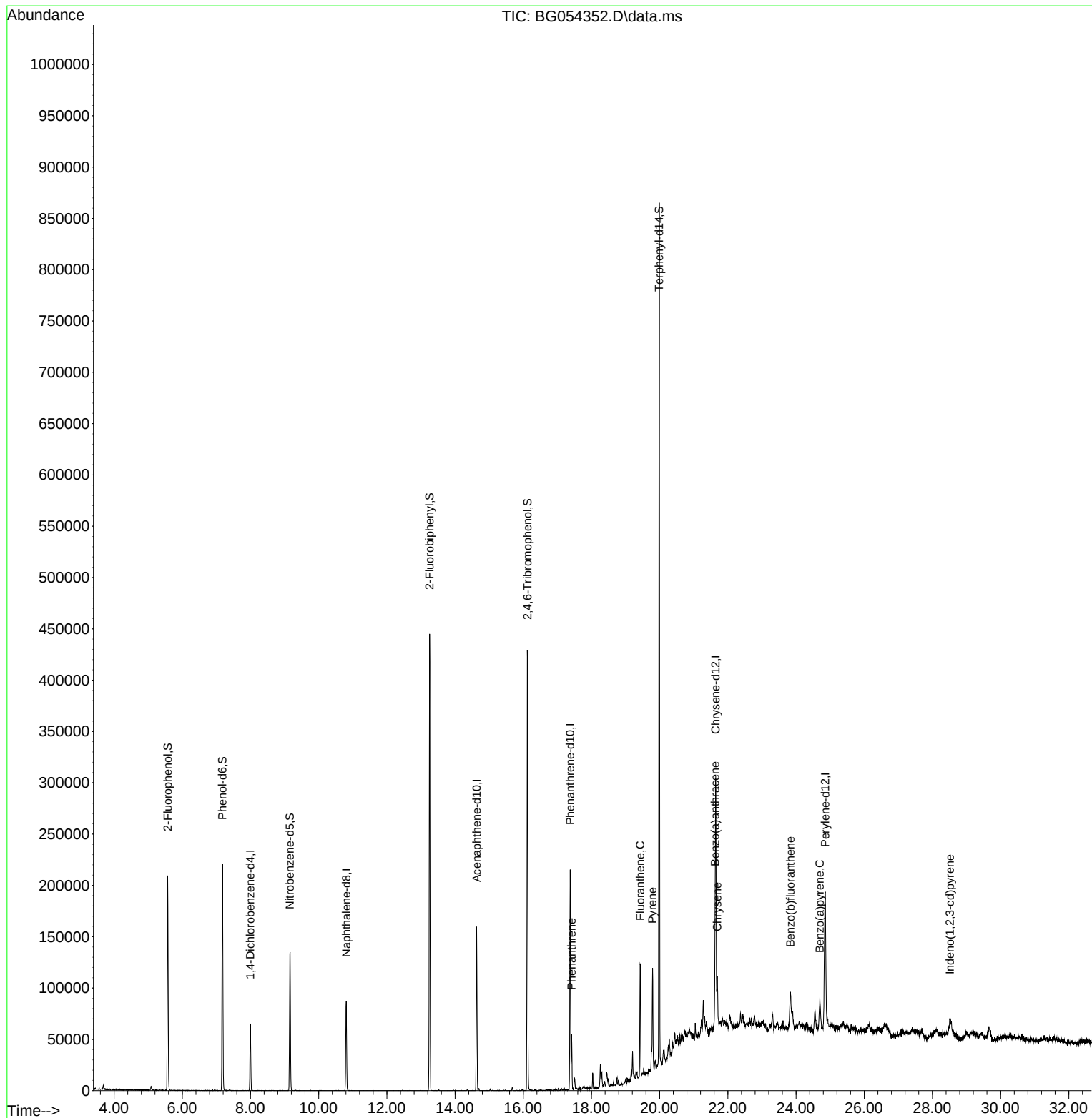
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054352.D
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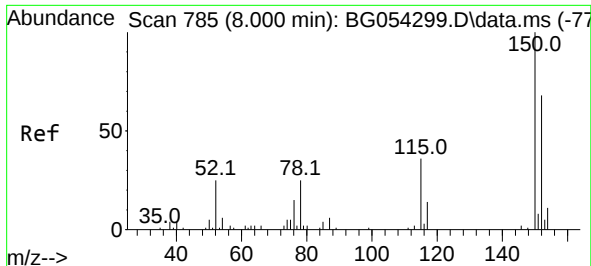
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0718-WC-TP-WC3B

Quant Time: Jul 22 02:37:52 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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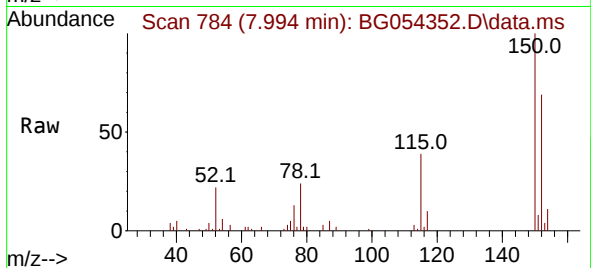
Reviewed By : Christian Giraldo 07/22/2022
Supervised By : Jagrut Upadhyay 07/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

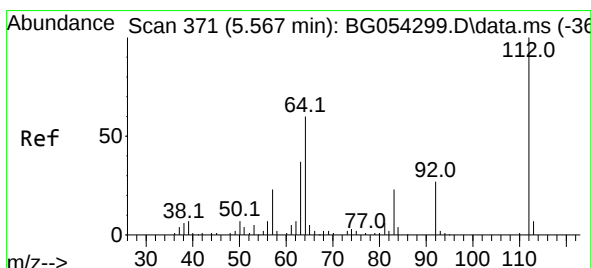
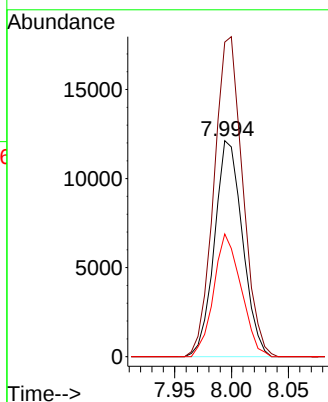
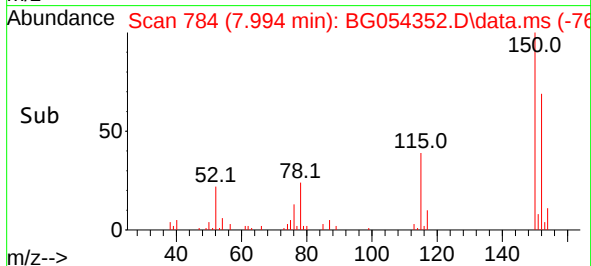
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3B



Tgt Ion:152 Resp: 20789
Ion Ratio Lower Upper
152 100
150 145.7 131.6 197.4
115 56.8 50.9 76.3

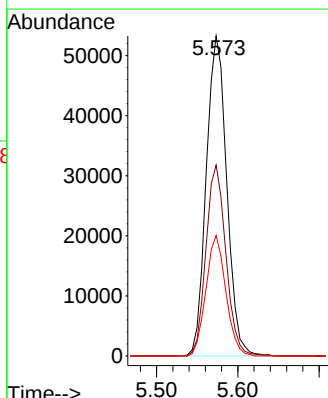
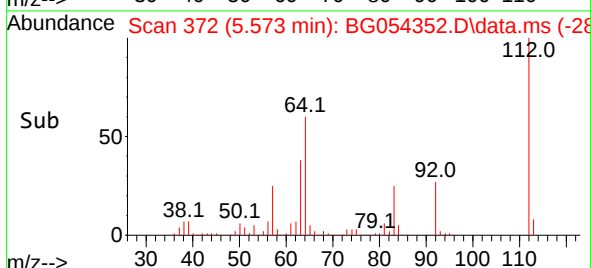
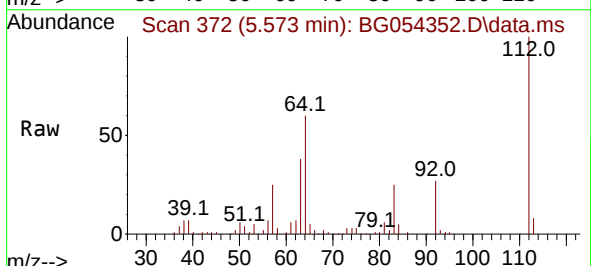
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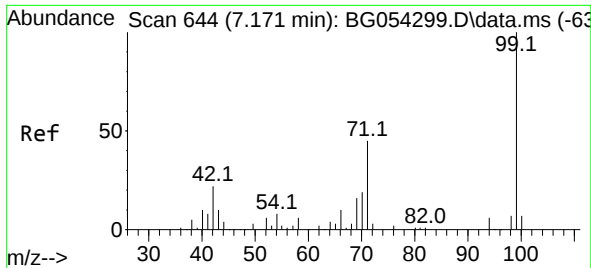
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#5
2-Fluorophenol
Concen: 93.512 ng
RT: 5.573 min Scan# 372
Delta R.T. 0.006 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

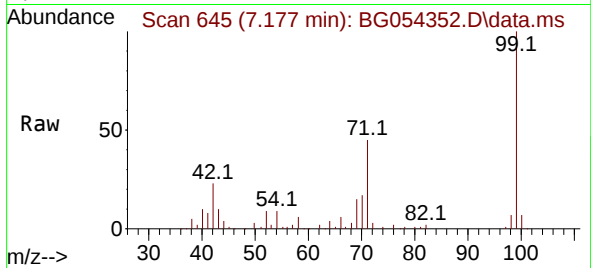
Tgt Ion:112 Resp: 93110
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 37.6 30.4 45.6





#7
Phenol-d6
Concen: 91.811 ng
RT: 7.177 min Scan# 644
Delta R.T. 0.006 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

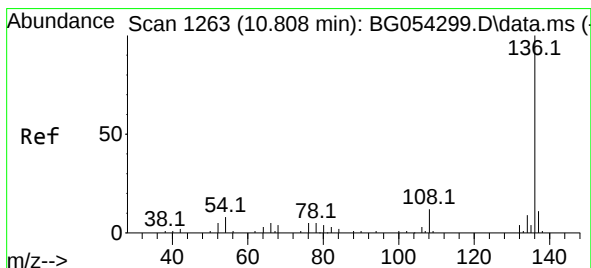
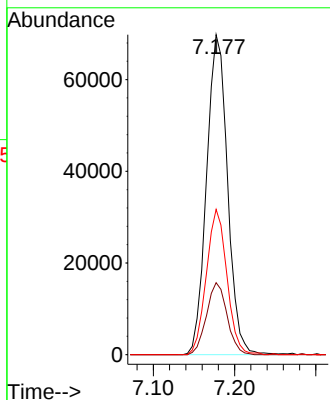
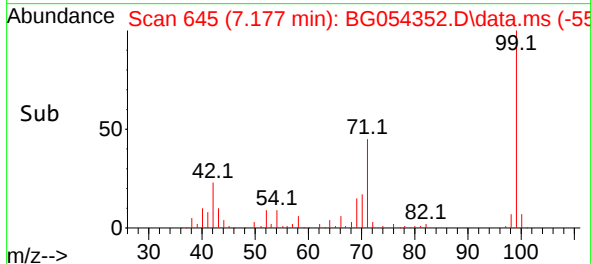
Instrument :
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ClientSampleId :
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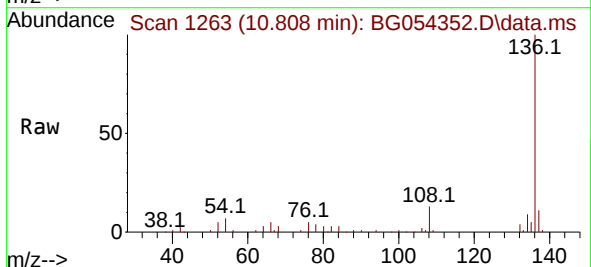
Tgt Ion: 99 Resp: 12526
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.6
71 45.4 33.8 50.8

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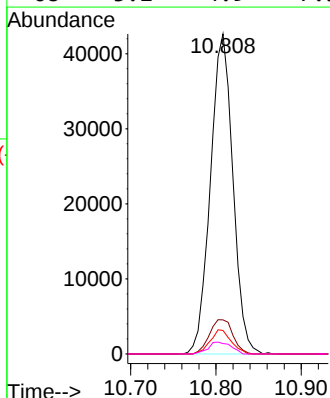
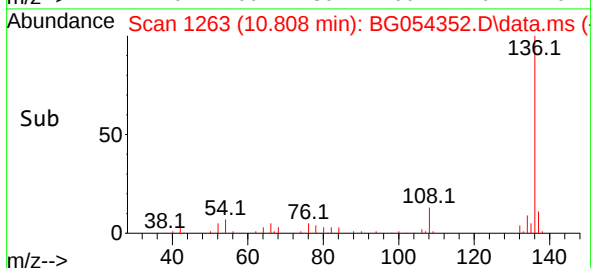
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

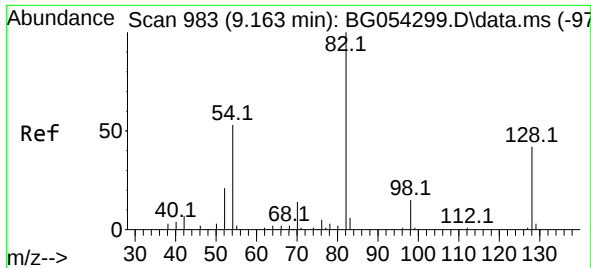


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54



Tgt Ion:136 Resp: 78082
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.4 7.4 11.2#
68 3.2 4.9 7.3#





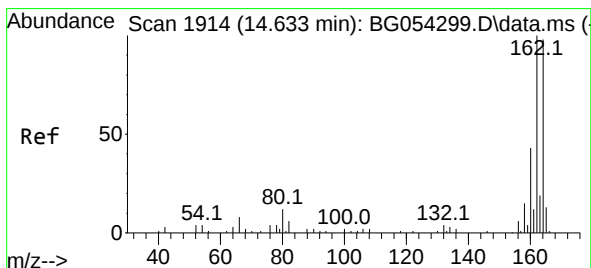
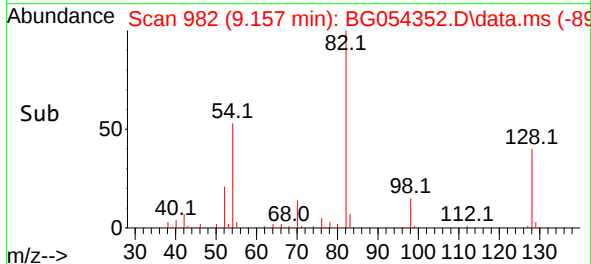
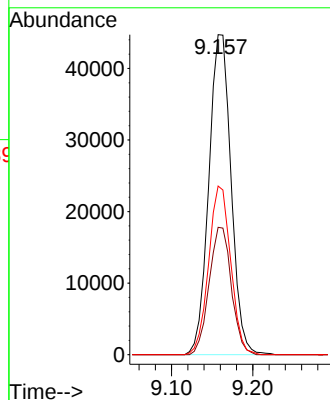
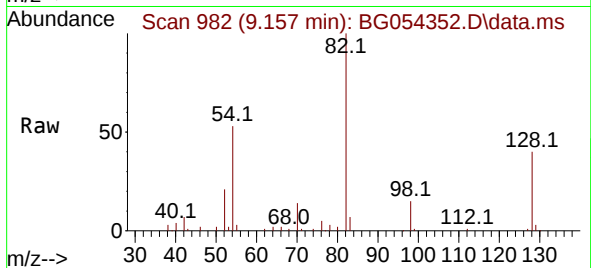
#23
Nitrobenzene-d5
Concen: 59.324 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 8506
Ion Ratio Lower Upper
82 100
128 39.8 27.9 41.9
54 52.7 41.2 61.8

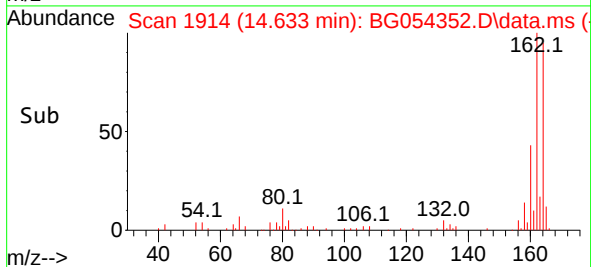
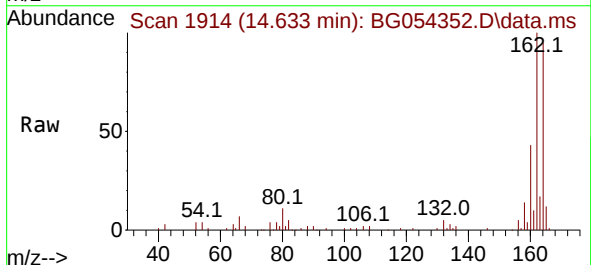
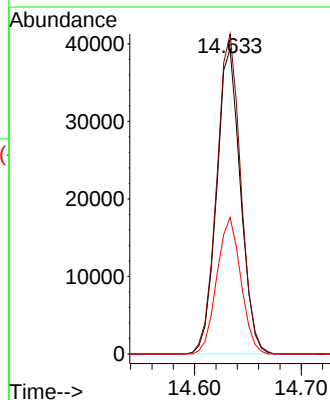
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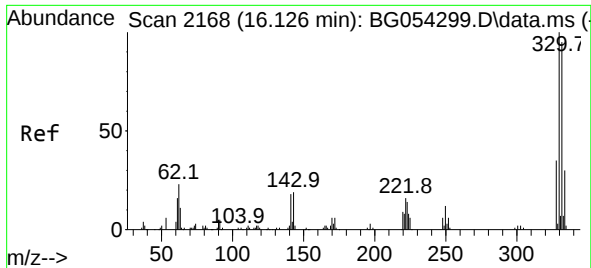
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

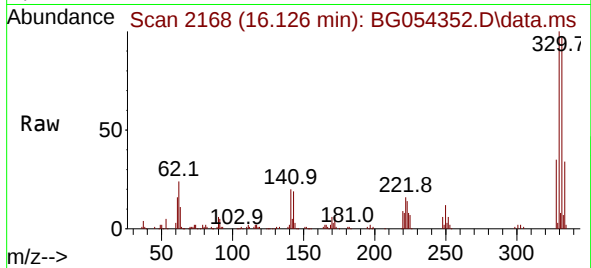
Tgt Ion:164 Resp: 60814
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 44.8 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 90.951 ng
RT: 16.126 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

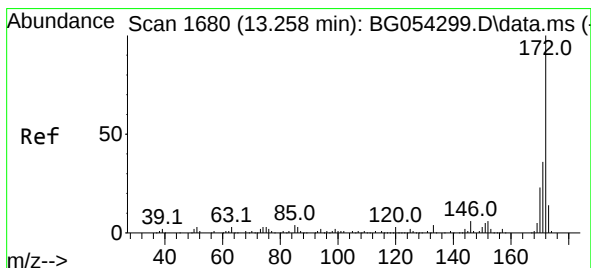
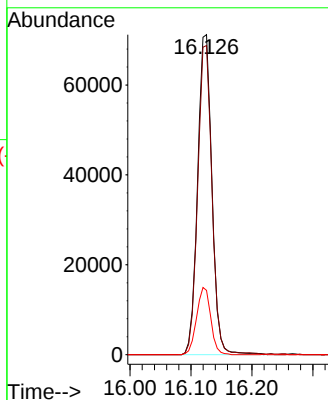
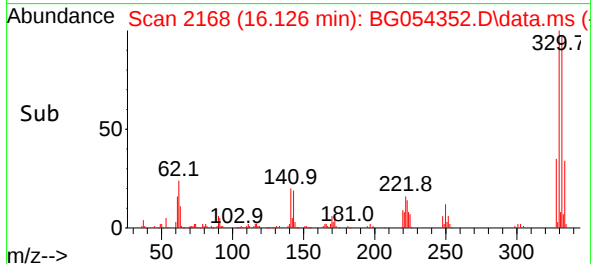
Instrument :
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ClientSampleId :
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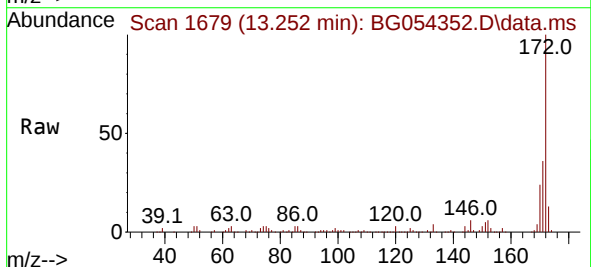
Tgt Ion:330 Resp: 11613
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 20.7 27.1 40.7

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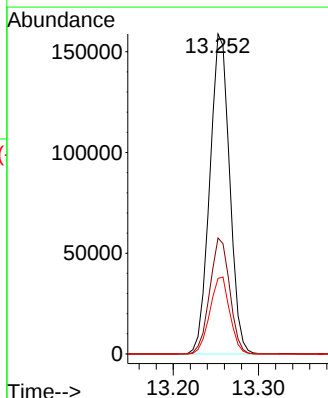
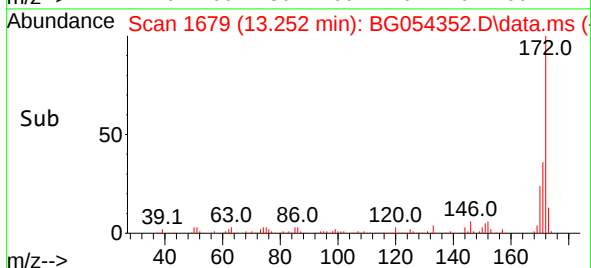
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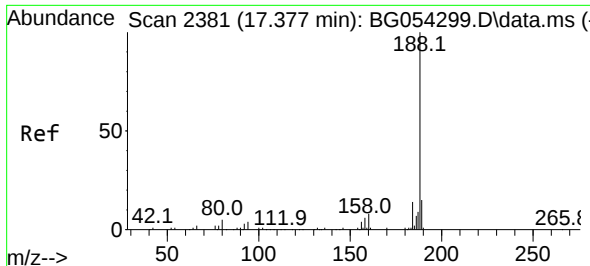


#45
2-Fluorobiphenyl
Concen: 59.593 ng
RT: 13.252 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54



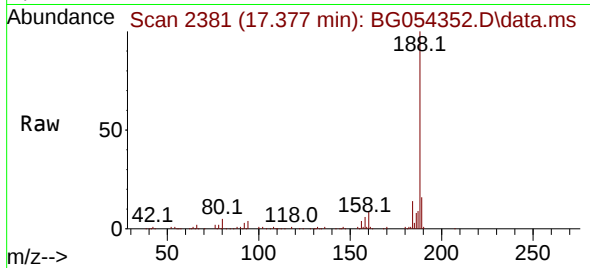
Tgt Ion:172 Resp: 256903
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.6 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

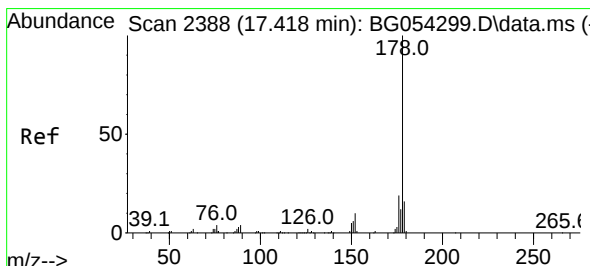
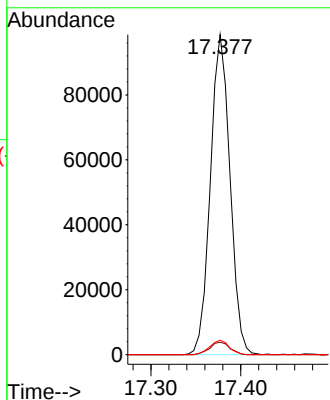
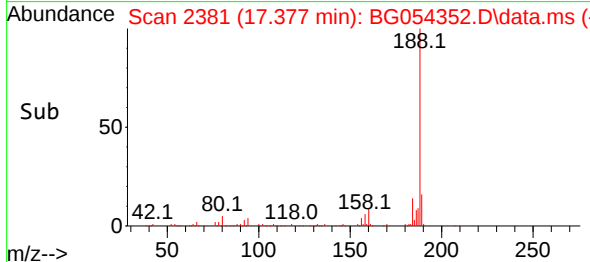
Instrument :
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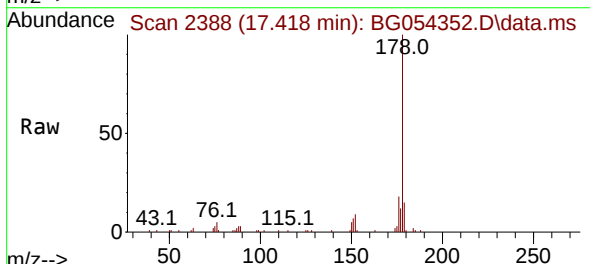
Tgt Ion:188 Resp: 14938
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.5 6.8 10.2

Manual Integrations
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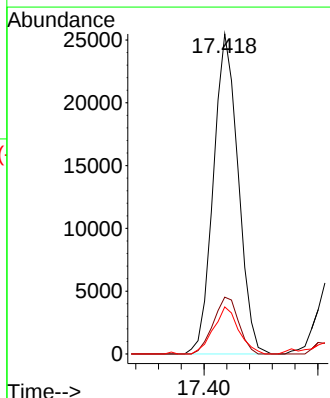
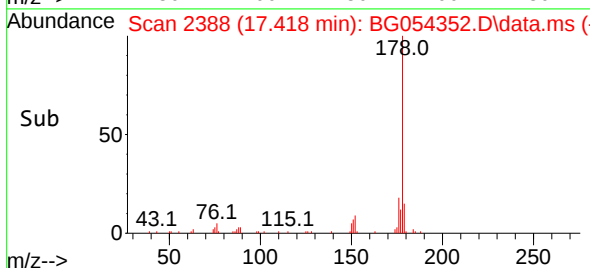
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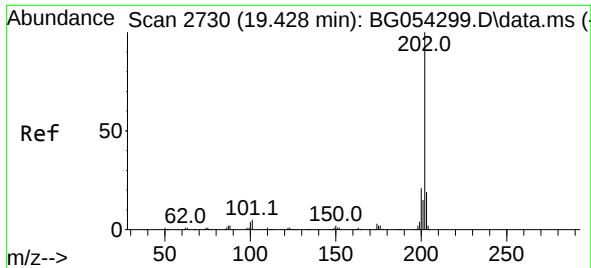


#71
Phenanthrene
Concen: 5.181 ng
RT: 17.418 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54



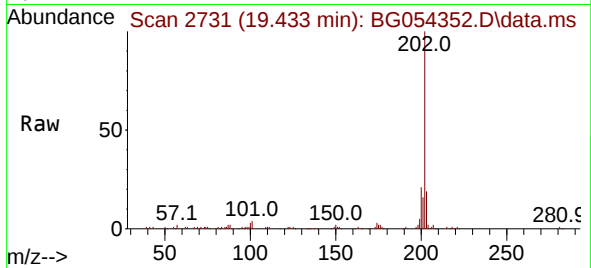
Tgt Ion:178 Resp: 38541
Ion Ratio Lower Upper
178 100
176 17.8 14.1 21.1
179 14.7 12.1 18.1





#75
Fluoranthene
Concen: 7.531 ng
RT: 19.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

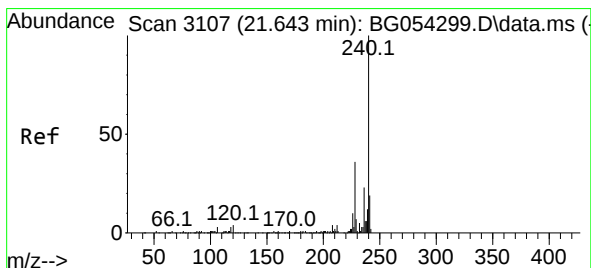
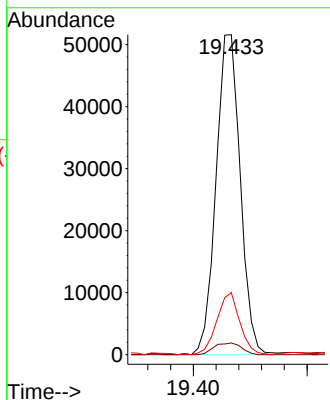
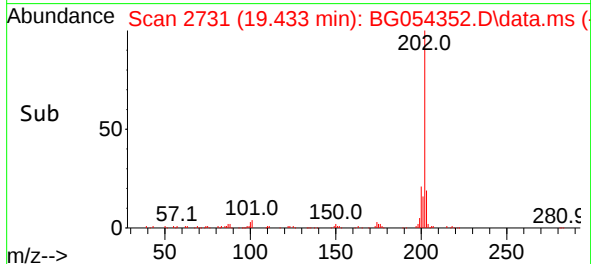
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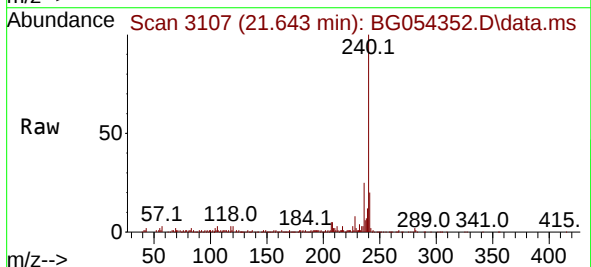
Tgt Ion:202 Resp: 76374
Ion Ratio Lower Upper
202 100
101 3.6 0.0 26.9
203 19.4 0.0 37.2

Manual Integrations
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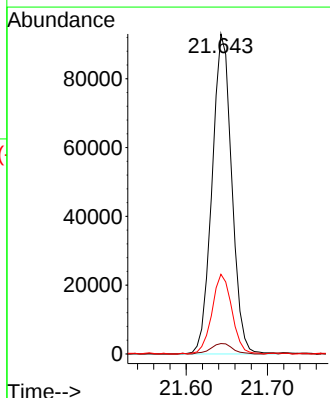
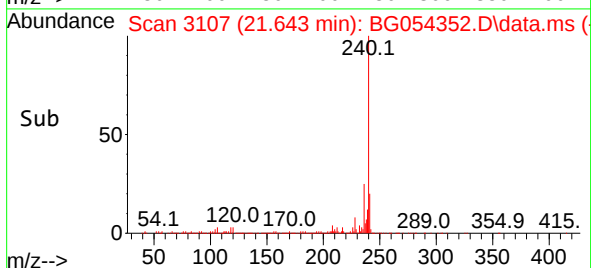
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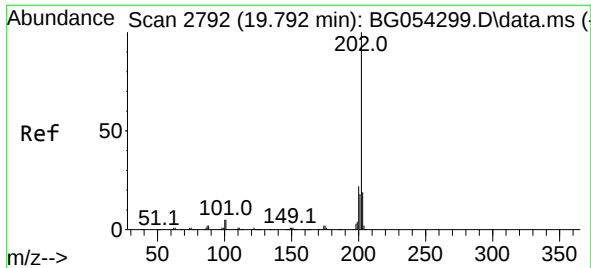


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54



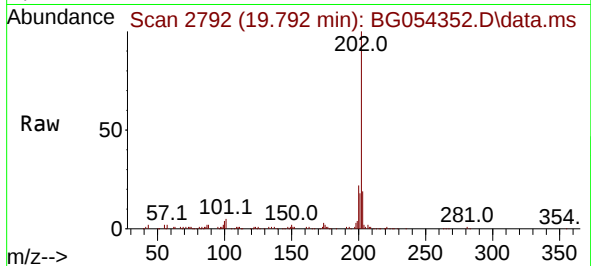
Tgt Ion:240 Resp: 156640
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 24.9 20.2 30.4





#78
 Pyrene
 Concen: 8.072 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054352.D
 Acq: 21 Jul 2022 19:54

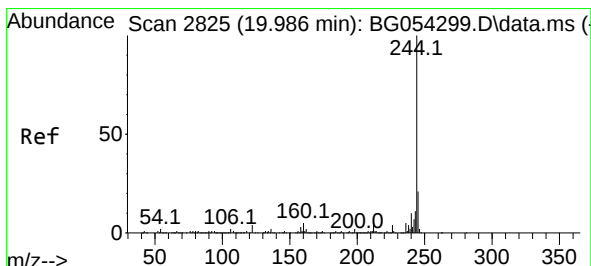
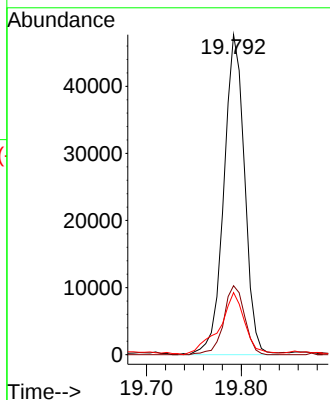
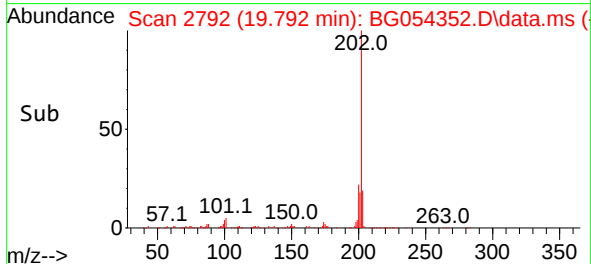
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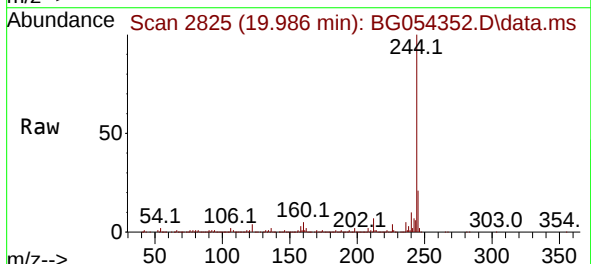
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 Ion Ratio Lower Upper
 202 100
 200 21.6 16.6 24.8
 203 19.4 14.6 21.8

Manual Integrations
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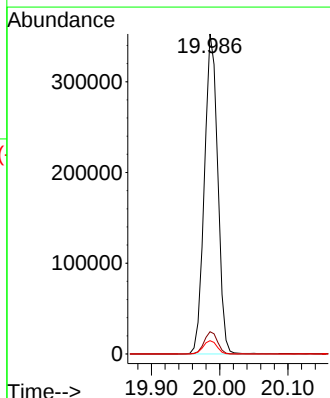
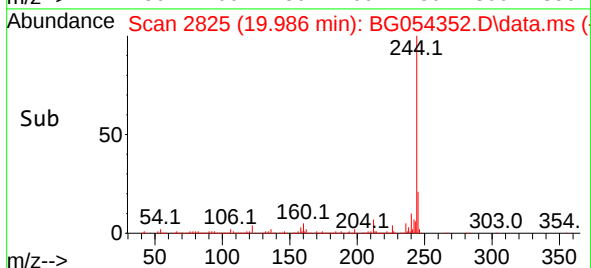
Reviewed By :Christian Giraldo 07/22/2022
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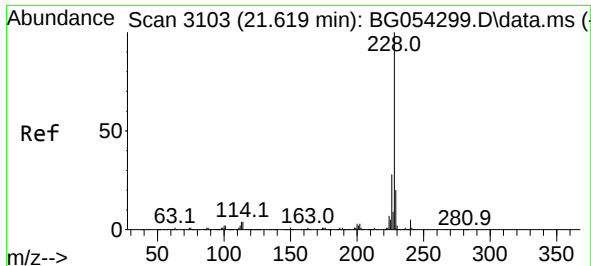


#79
 Terphenyl-d14
 Concen: 60.944 ng
 RT: 19.986 min Scan# 2825
 Delta R.T. -0.000 min
 Lab File: BG054352.D
 Acq: 21 Jul 2022 19:54



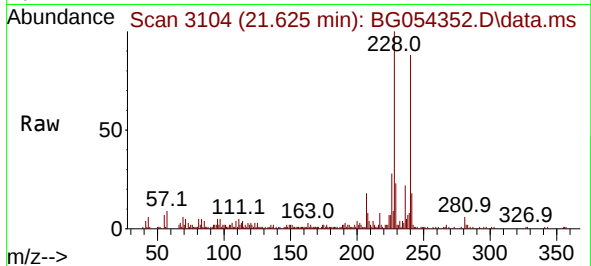
Tgt Ion:244 Resp: 481207
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.2 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 4.444 ng
RT: 21.625 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

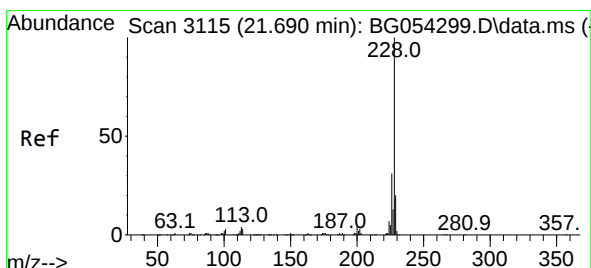
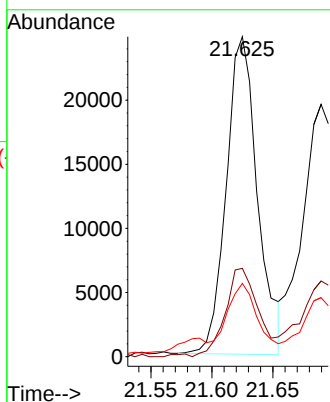
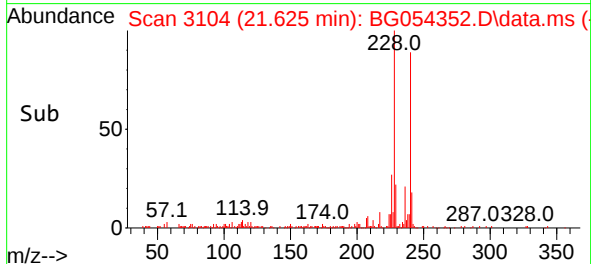
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3B



Tgt Ion:228 Resp: 44189
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 22.9 16.2 24.2

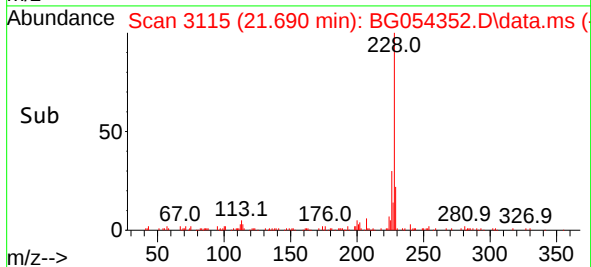
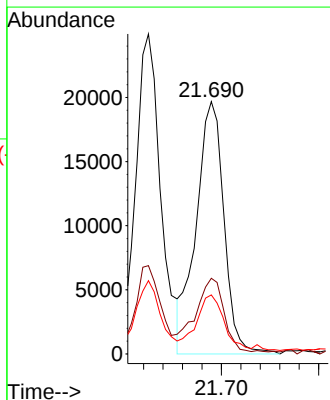
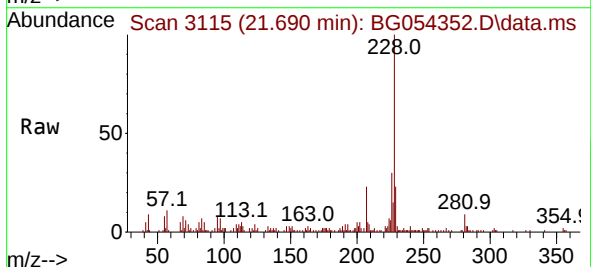
Manual Integrations
APPROVED

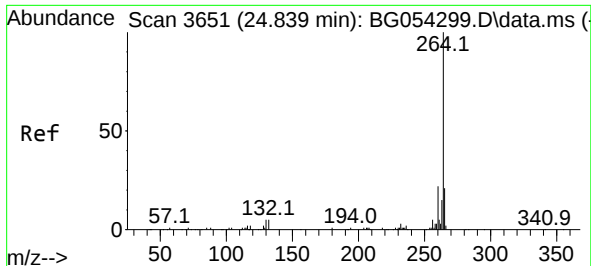
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#83
Chrysene
Concen: 4.189 ng m
RT: 21.690 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

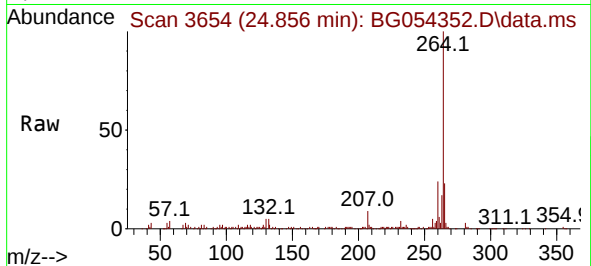
Tgt Ion:228 Resp: 39356
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 23.4 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.856 min Scan# 30
Delta R.T. 0.018 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

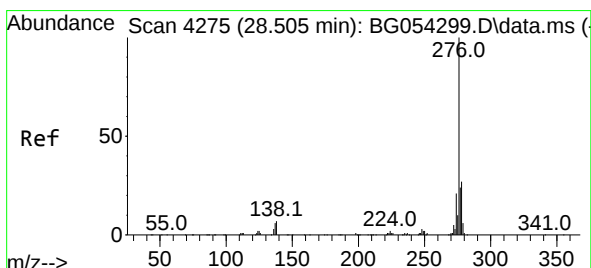
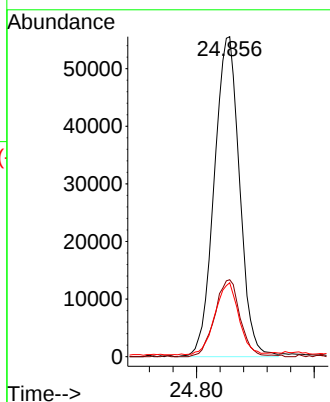
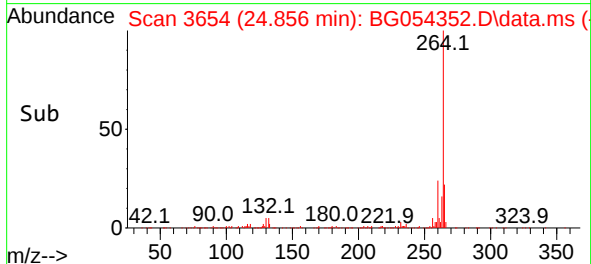
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3B



Tgt Ion:264 Resp: 165758
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 23.1 17.4 26.2

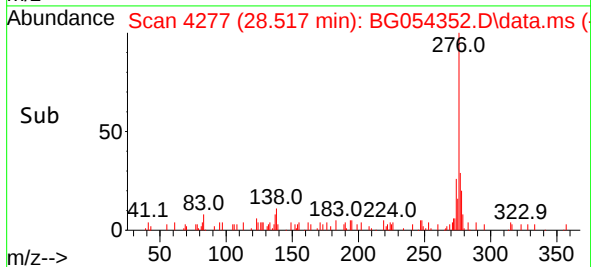
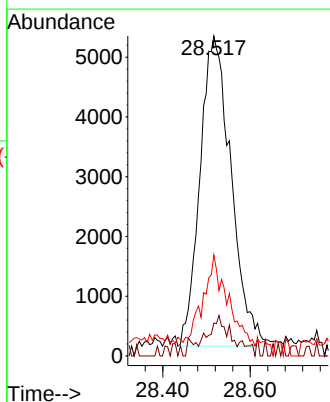
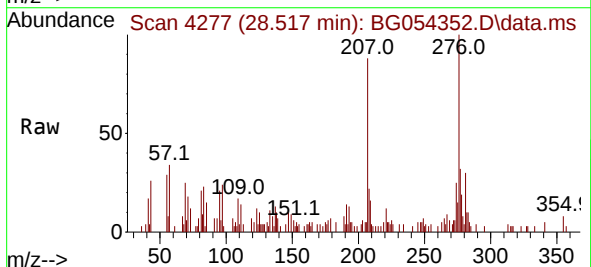
Manual Integrations
APPROVED

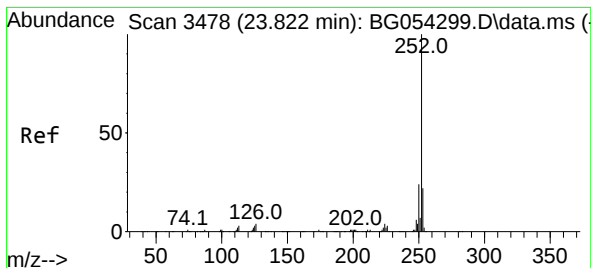
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.039 ng
RT: 28.517 min Scan# 4277
Delta R.T. 0.012 min
Lab File: BG054352.D
Acq: 21 Jul 2022 19:54

Tgt Ion:276 Resp: 25712
Ion Ratio Lower Upper
276 100
138 5.2 5.0 7.4
277 23.1 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 5.340 ng

RT: 23.834 min Scan# 3478

Delta R.T. 0.012 min

Lab File: BG054352.D

Acq: 21 Jul 2022 19:54

Instrument :

BNA_G

ClientSampleId :

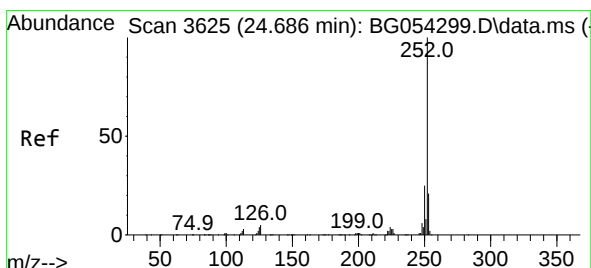
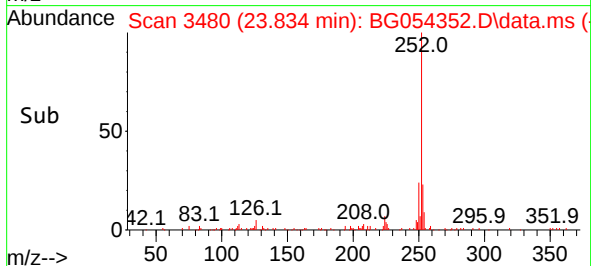
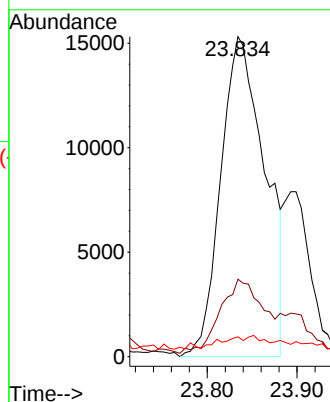
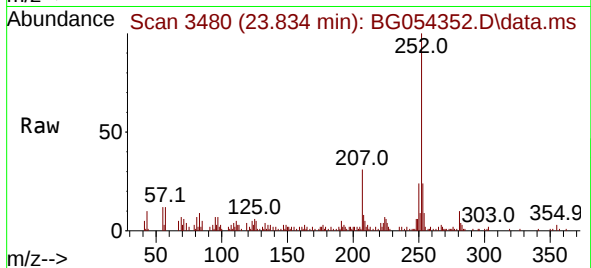
0718-WC-TP-WC3B

Tgt Ion:	252	Resp:	52349
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.0	27.0
125	6.2	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#90

Benzo(a)pyrene

Concen: 4.429 ng

RT: 24.698 min Scan# 3627

Delta R.T. 0.012 min

Lab File: BG054352.D

Acq: 21 Jul 2022 19:54

Tgt Ion:	252	Resp:	37078
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	5.2	4.3	6.5

