

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054471.D
 Acq On : 1 Aug 2022 19:25
 Operator : CG/JU
 Sample : N3896-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-63

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/02/2022
 Supervised By : Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 05:46:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	16600	20.000	ng	-0.01
21) Naphthalene-d8	10.791	136	65376	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	54062	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	132679	20.000	ng	# 0.00
76) Chrysene-d12	21.632	240	145210	20.000	ng	# 0.00
86) Perylene-d12	24.834	264	156613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	83300	104.772	ng	0.00
7) Phenol-d6	7.178	99	112900	103.632	ng	0.00
23) Nitrobenzene-d5	9.146	82	77430	64.498	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	114173	100.584	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	251916	65.735	ng	0.00
79) Terphenyl-d14	19.975	244	529640	72.357	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.407	178	17775	2.690	ng	99
75) Fluoranthene	19.422	202	73673	8.180	ng	97
78) Pyrene	19.781	202	65562	7.869	ng	99
81) Benzo(a)anthracene	21.614	228	44447	4.822	ng	98
83) Chrysene	21.679	228	42056	4.829	ng	97
88) Benzo(b)fluoranthene	23.823	252	57868	6.248	ng	99
90) Benzo(a)pyrene	24.687	252	35480	4.486	ng	97

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

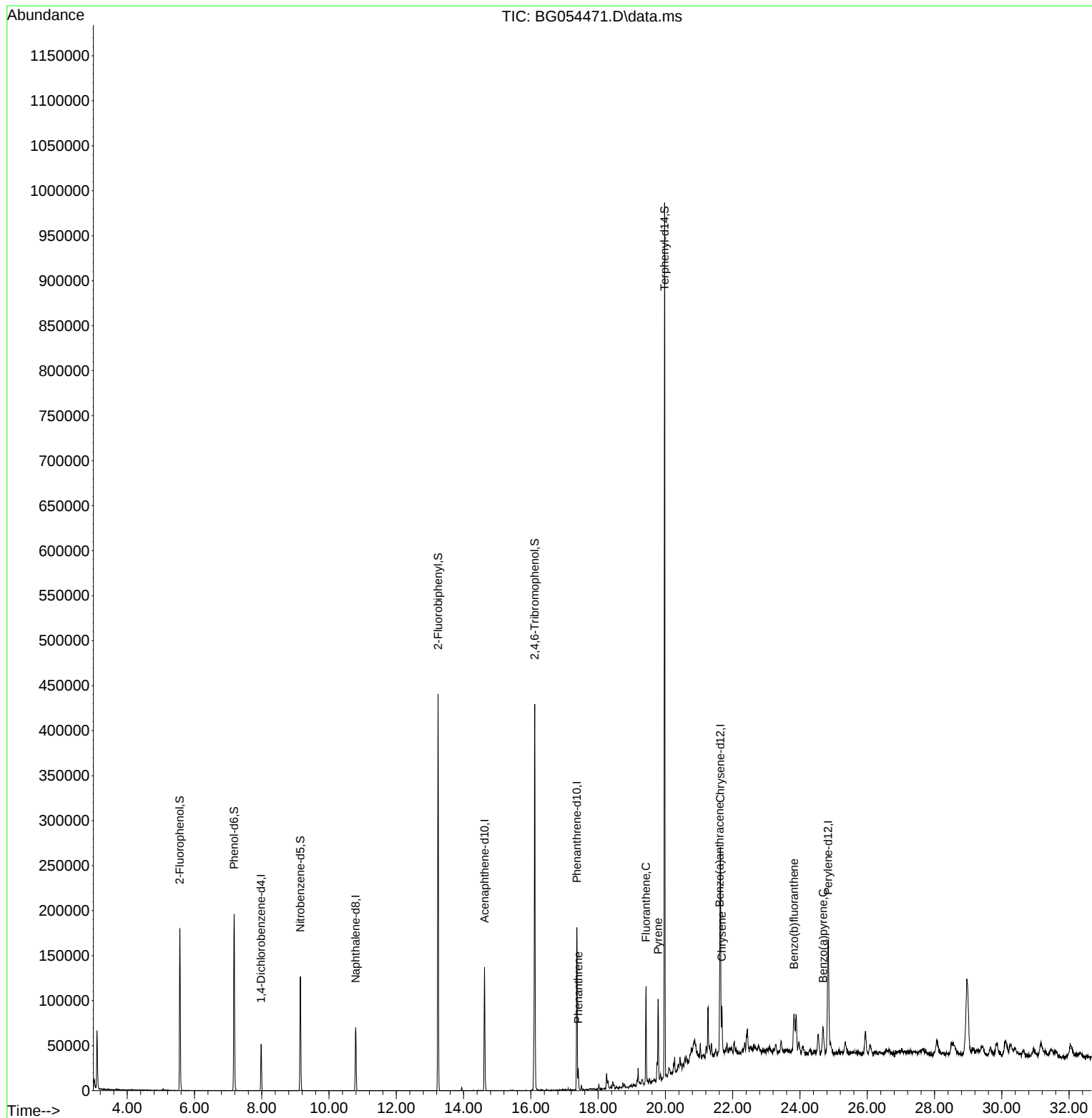
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054471.D
Acq On : 1 Aug 2022 19:25
Operator : CG/JU
Sample : N3896-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

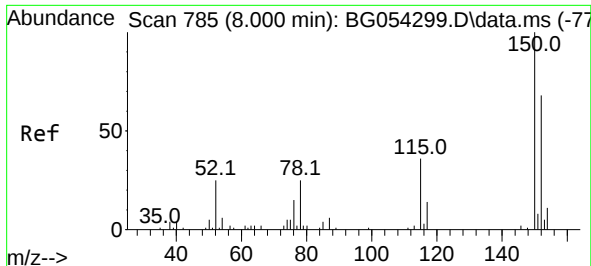
Instrument :
BNA_G
ClientSampleId :
RVE-63

Quant Time: Aug 02 05:46:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
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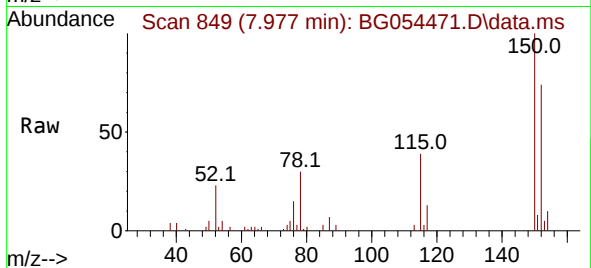
Reviewed By : Christian Giraldo 08/02/2022
Supervised By : Jagrut Upadhyay 08/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.977 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

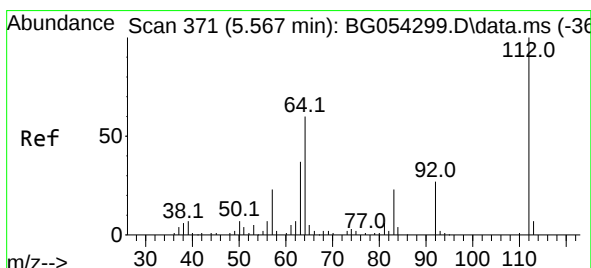
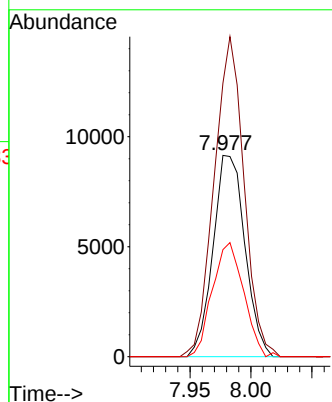
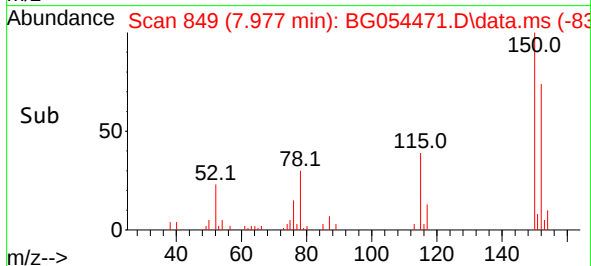
Instrument :
BNA_G
ClientSampleId :
RVE-63



Tgt Ion:152 Resp: 16600
Ion Ratio Lower Upper
152 100
150 135.8 131.6 197.4
115 53.2 50.9 76.3

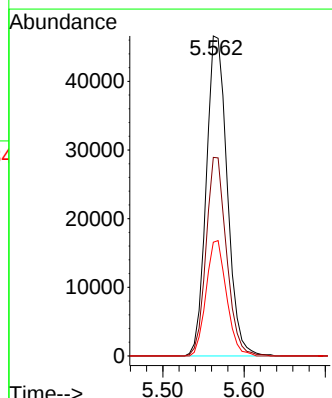
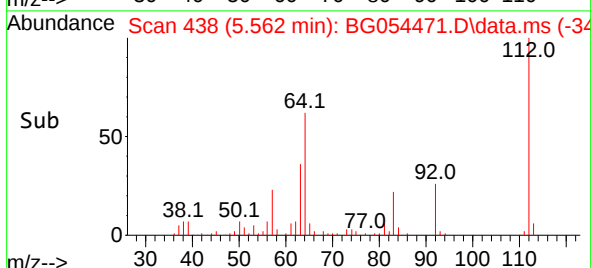
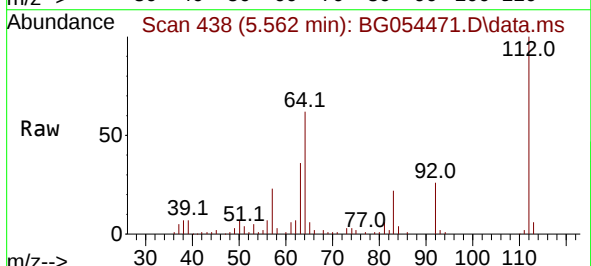
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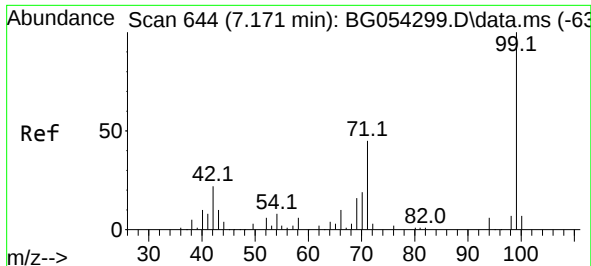
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#5
2-Fluorophenol
Concen: 104.772 ng
RT: 5.562 min Scan# 438
Delta R.T. 0.000 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

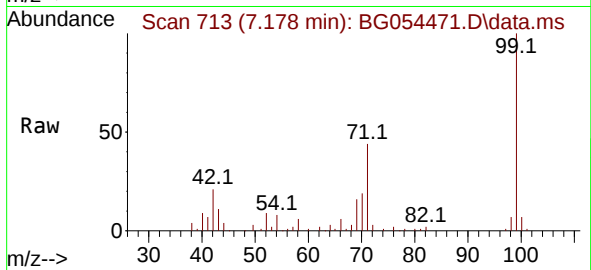
Tgt Ion:112 Resp: 83300
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 35.5 30.4 45.6





#7
Phenol-d6
Concen: 103.632 ng
RT: 7.178 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

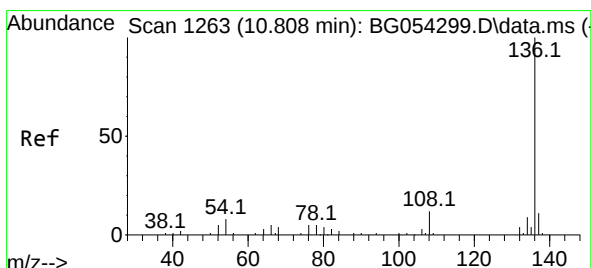
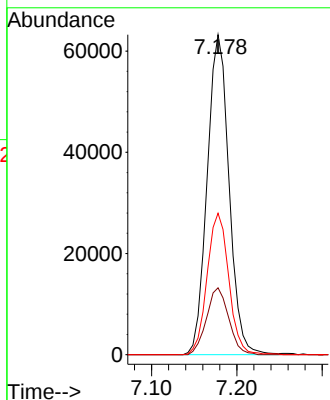
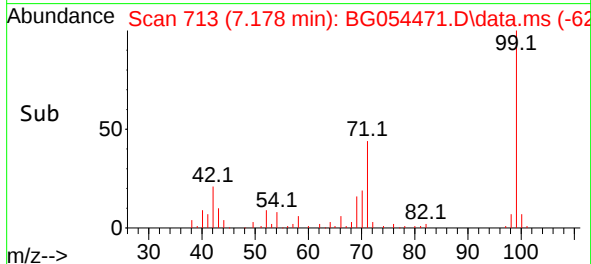
Instrument :
BNA_G
ClientSampleId :
RVE-63



Tgt Ion: 99 Resp: 112900
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 44.2 33.8 50.8

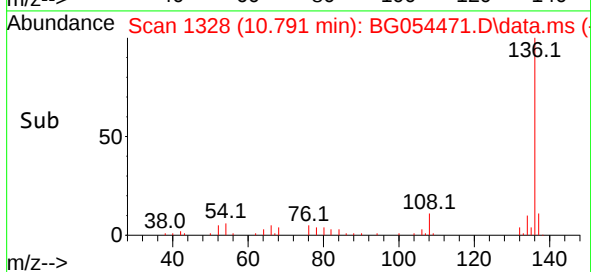
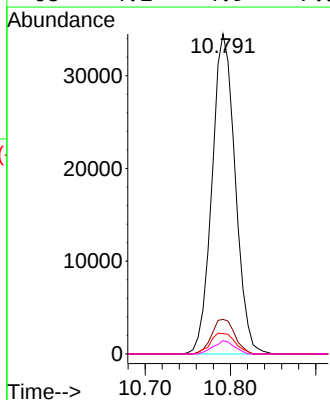
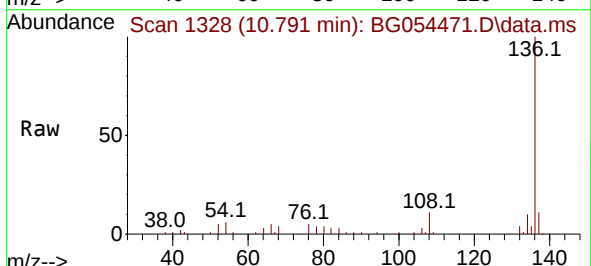
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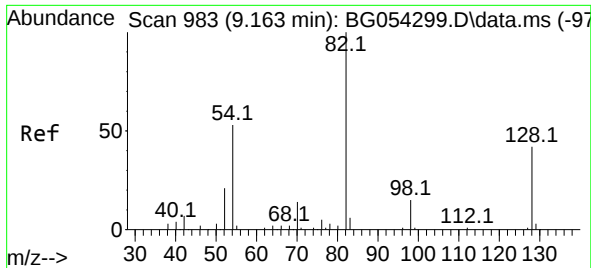
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

Tgt Ion:136 Resp: 65376
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.4 7.4 11.2#
68 4.2 4.9 7.3#





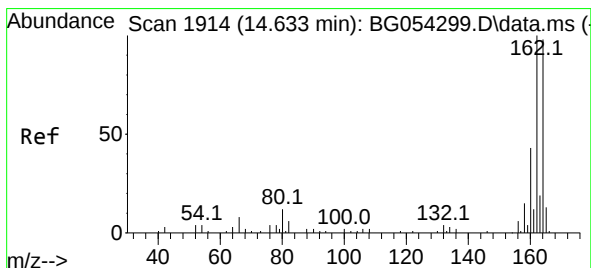
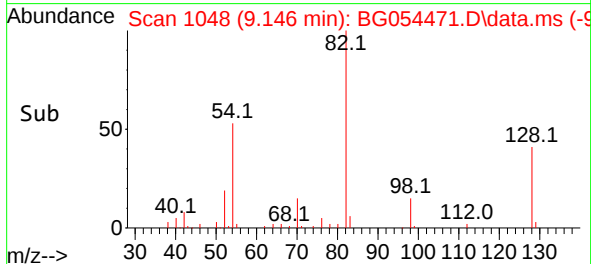
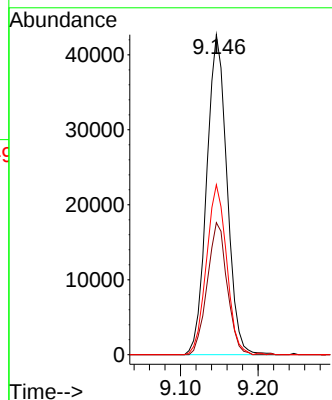
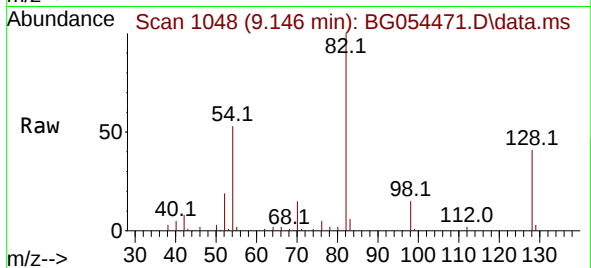
#23
Nitrobenzene-d5
Concen: 64.498 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

Instrument :
BNA_G
ClientSampleId :
RVE-63

Tgt Ion: 82 Resp: 77430
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 53.1 41.2 61.8

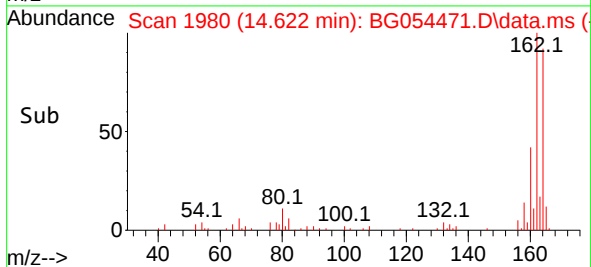
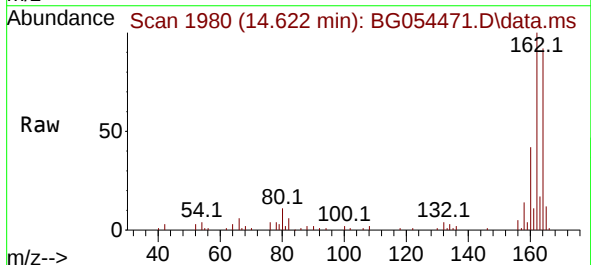
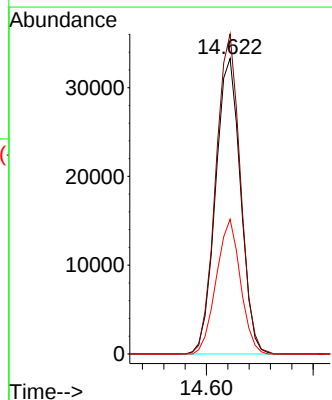
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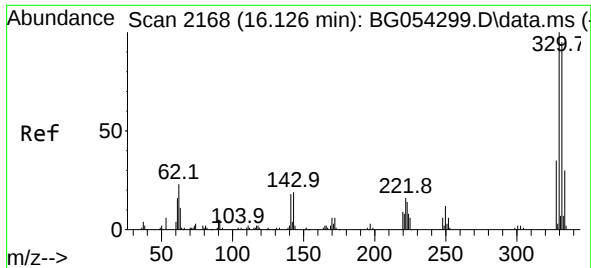
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

Tgt Ion:164 Resp: 54062
Ion Ratio Lower Upper
164 100
162 108.3 82.3 123.5
160 45.6 34.2 51.2





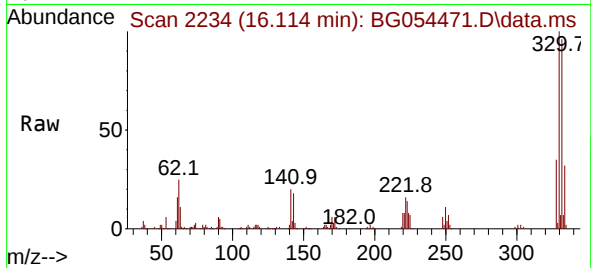
#42
2,4,6-Tribromophenol
Concen: 100.584 ng
RT: 16.114 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

Instrument :

BNA_G

ClientSampleId :

RVE-63

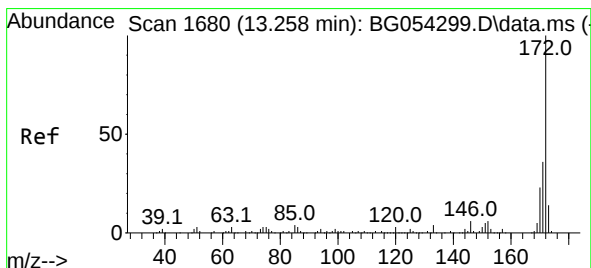
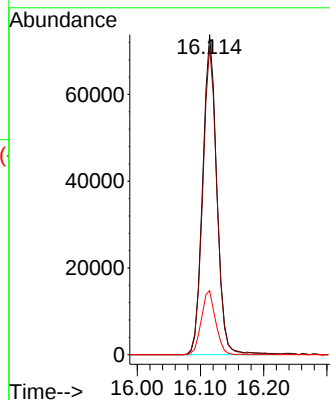
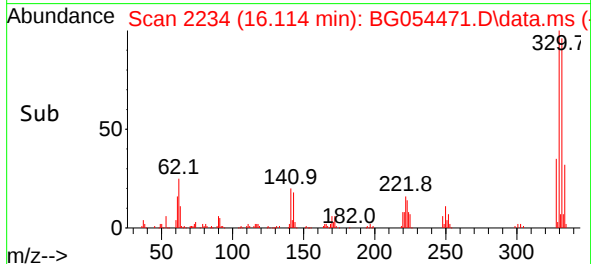


Tgt Ion:330 Resp: 11417
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 20.2 27.1 40.7

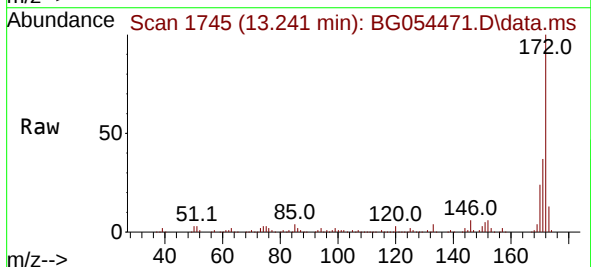
Manual Integrations

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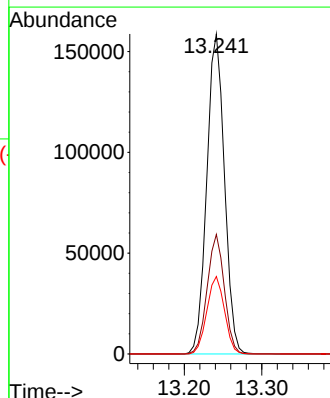
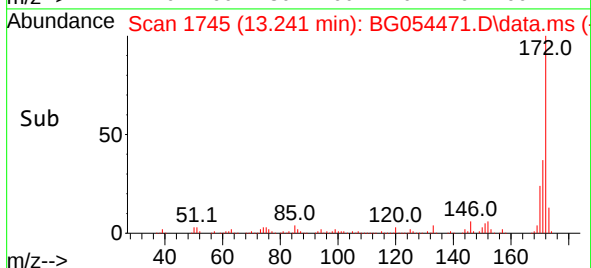
Reviewed By :Christian Giraldo 08/02/2022
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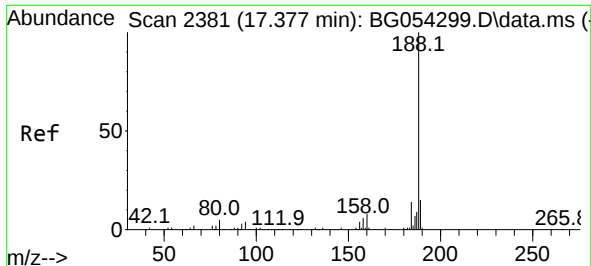


#45
2-Fluorobiphenyl
Concen: 65.735 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25



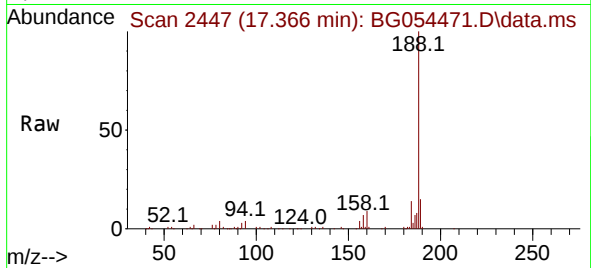
Tgt Ion:172 Resp: 251916
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 24.2 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

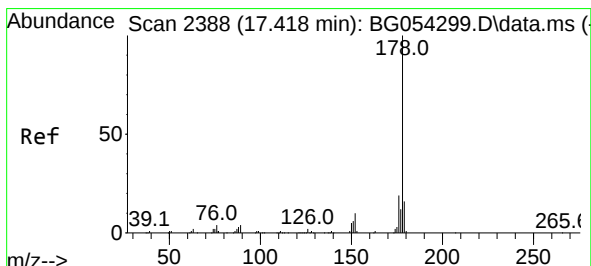
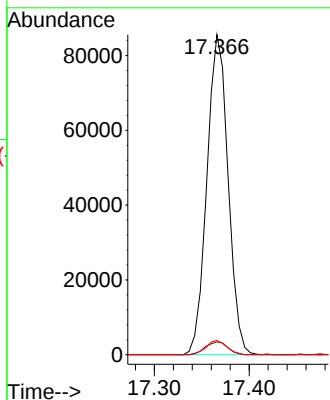
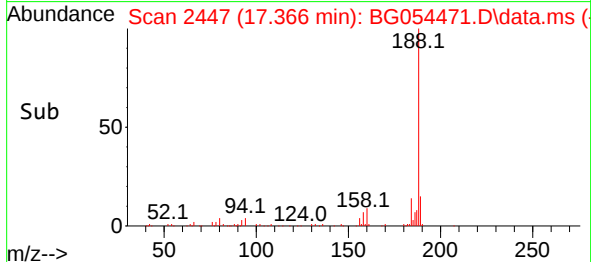
Instrument :
BNA_G
ClientSampleId :
RVE-63



Tgt Ion:188 Resp: 132679
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0
80 4.5 6.8 10.2

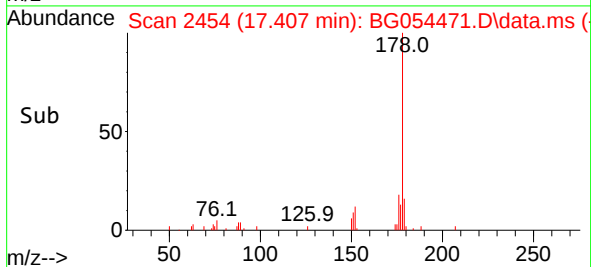
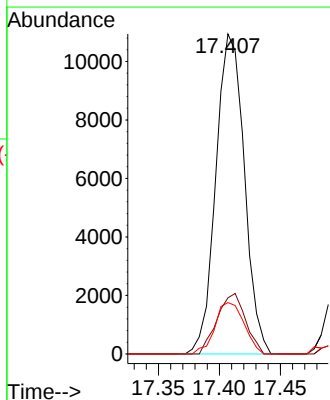
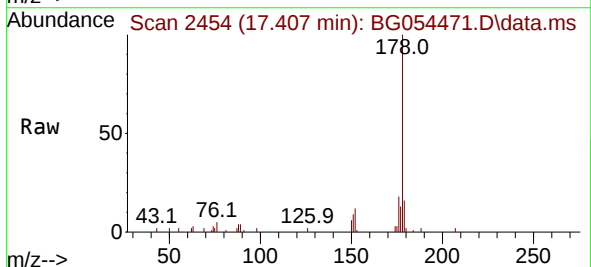
Manual Integrations
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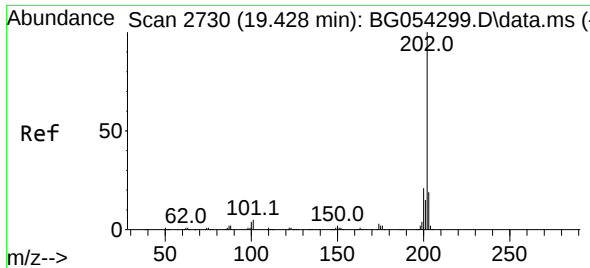
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#71
Phenanthrene
Concen: 2.690 ng
RT: 17.407 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

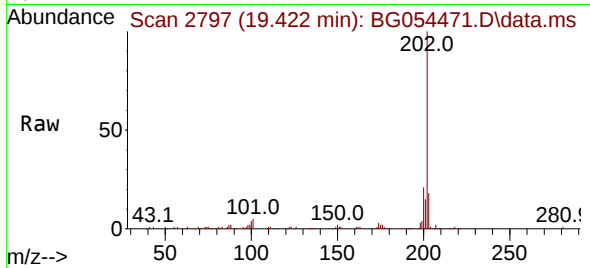
Tgt Ion:178 Resp: 17775
Ion Ratio Lower Upper
178 100
176 17.6 14.1 21.1
179 16.1 12.1 18.1





#75
Fluoranthene
Concen: 8.180 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

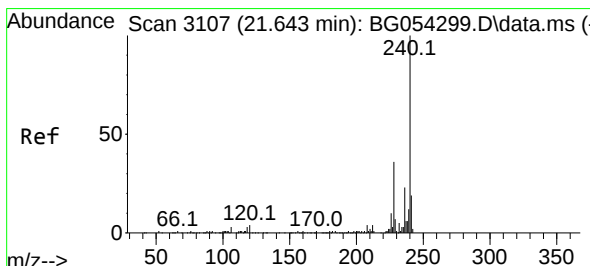
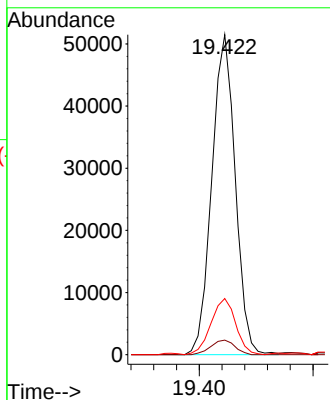
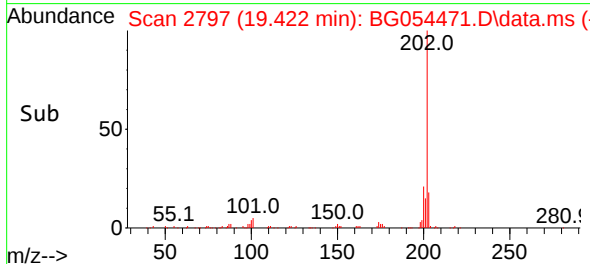
Instrument :
BNA_G
ClientSampleId :
RVE-63



Tgt Ion:202 Resp: 7367
Ion Ratio Lower Upper
202 100
101 4.6 0.0 26.9
203 17.6 0.0 37.2

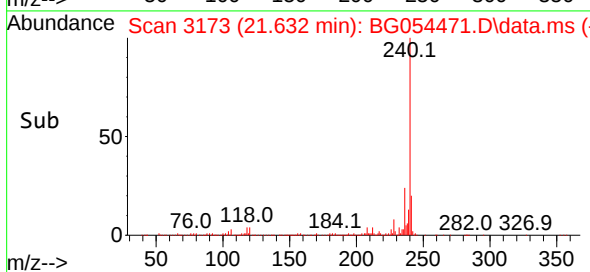
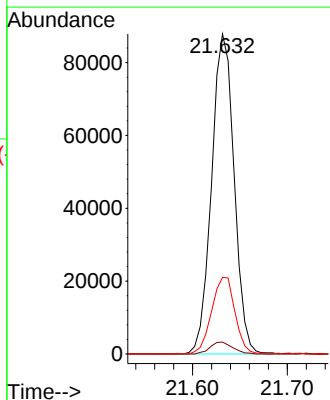
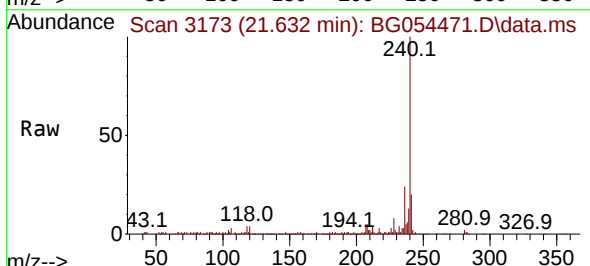
Manual Integrations
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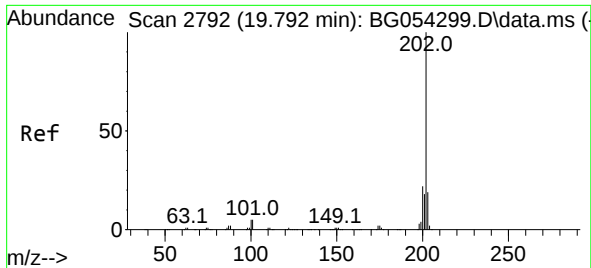
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.632 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

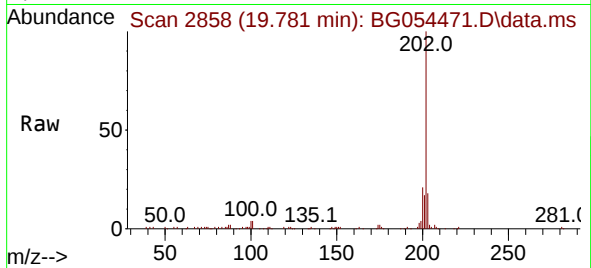
Tgt Ion:240 Resp: 145210
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 23.9 20.2 30.4





#78
Pyrene
Concen: 7.869 ng
RT: 19.781 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

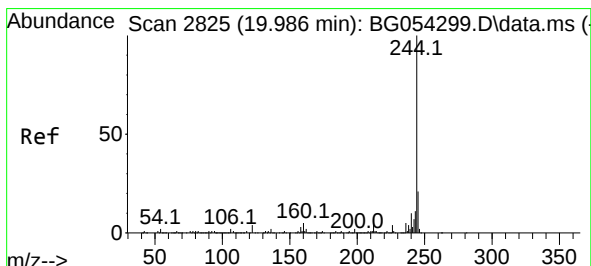
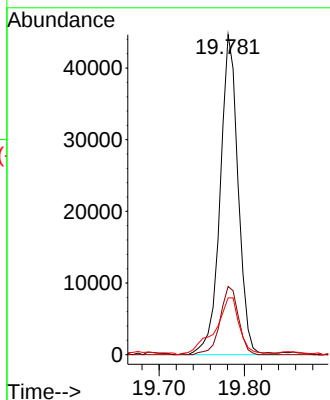
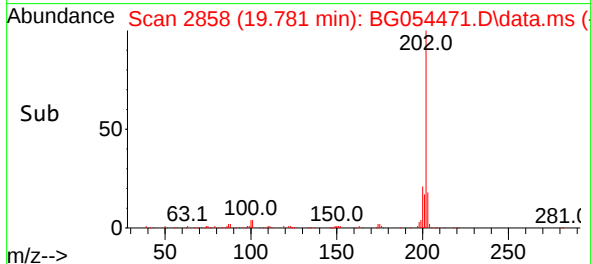
Instrument :
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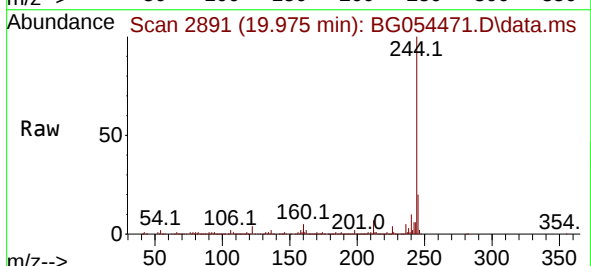
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Ion Ratio Lower Upper
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200 21.3 16.6 24.8
203 17.8 14.6 21.8

Manual Integrations
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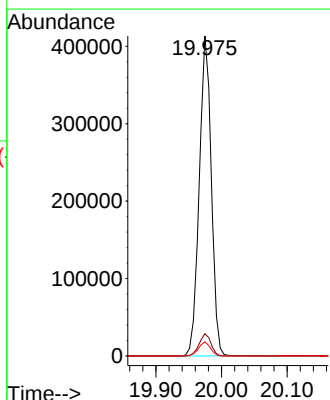
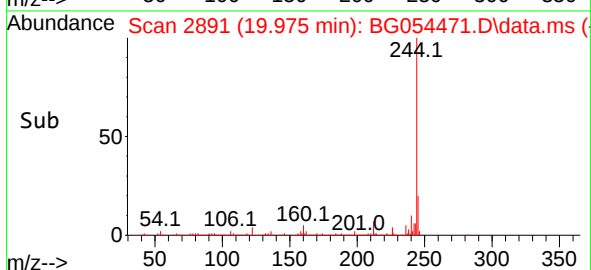
Reviewed By :Christian Giraldo 08/02/2022
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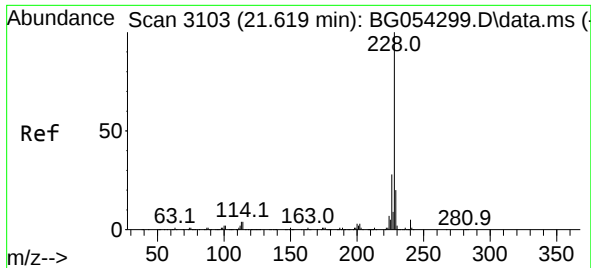


#79
Terphenyl-d14
Concen: 72.357 ng
RT: 19.975 min Scan# 2891
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25



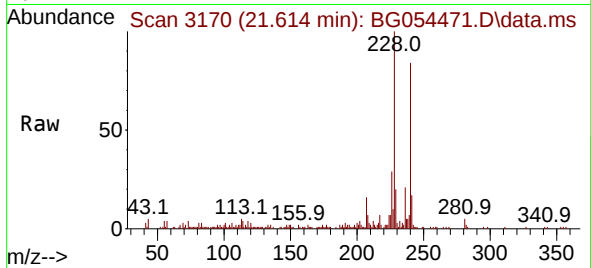
Tgt Ion:244 Resp: 529640
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.4 5.0 7.4





#81
Benzo(a)anthracene
Concen: 4.822 ng
RT: 21.614 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

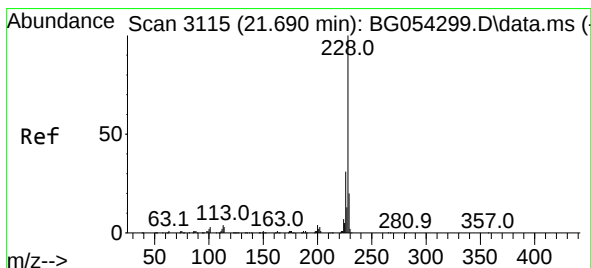
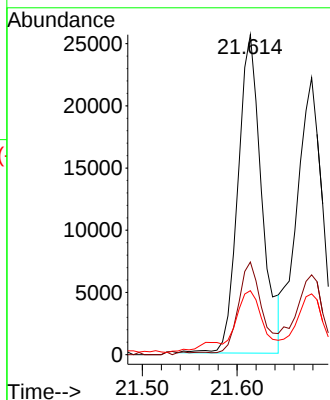
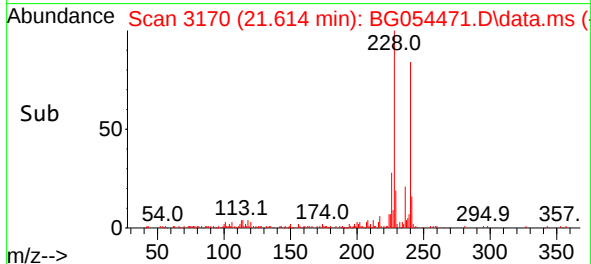
Instrument :
BNA_G
ClientSampleId :
RVE-63



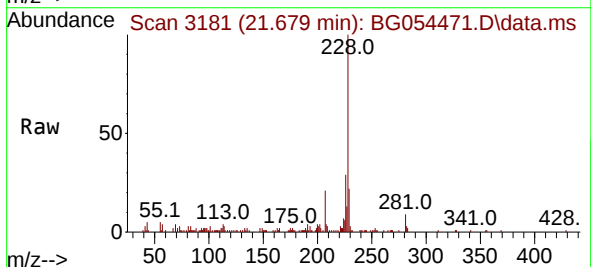
Tgt Ion:228 Resp: 4444
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 20.0 16.2 24.2

Manual Integrations
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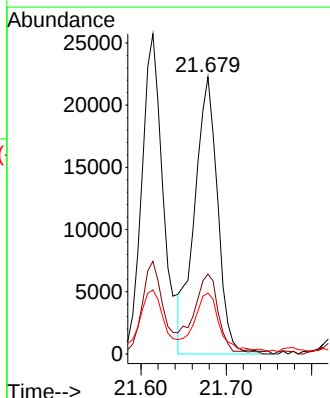
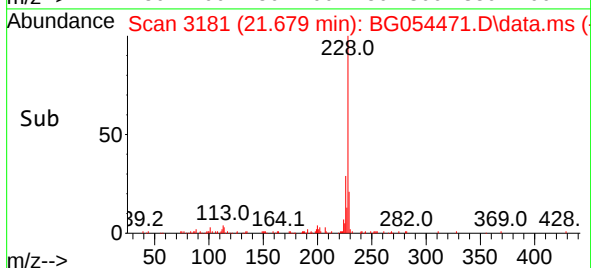
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

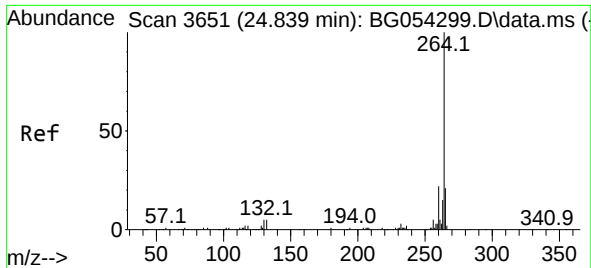


#83
Chrysene
Concen: 4.829 ng
RT: 21.679 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25



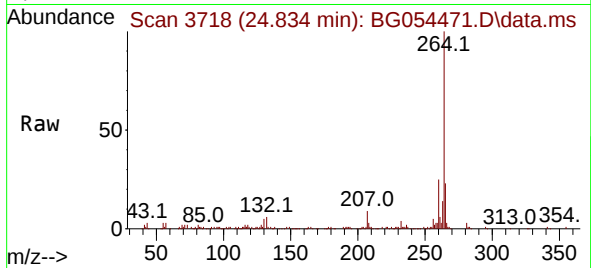
Tgt Ion:228 Resp: 42056
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 21.9 15.5 23.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.834 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG054471.D
 Acq: 1 Aug 2022 19:25

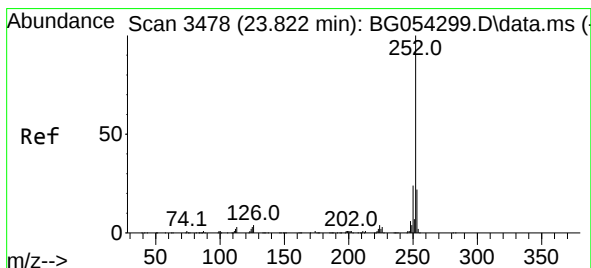
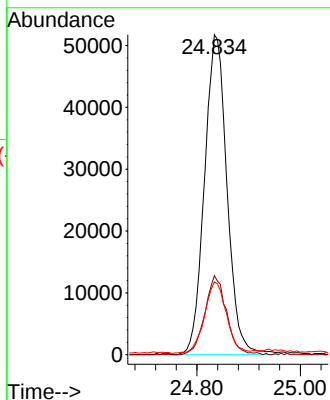
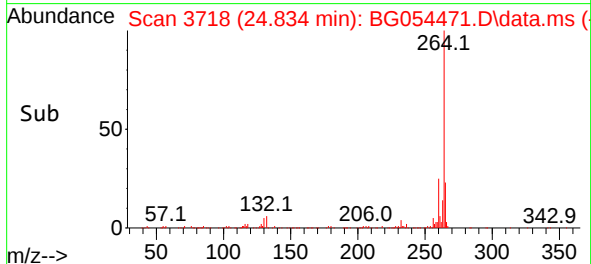
Instrument :
 BNA_G
 ClientSampleId :
 RVE-63



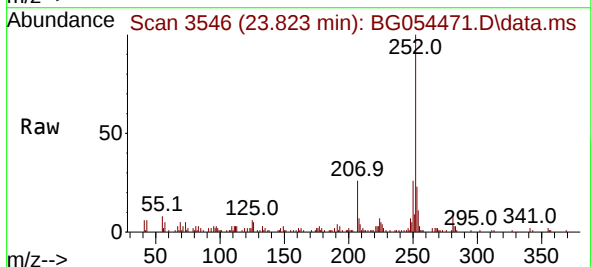
Tgt Ion:264 Resp: 15661
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 22.8 17.4 26.2

Manual Integrations
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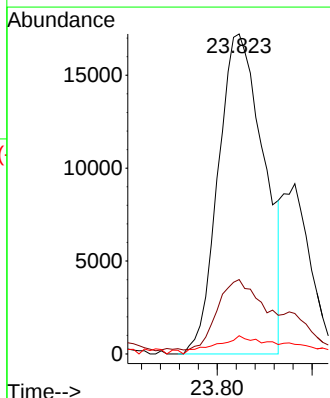
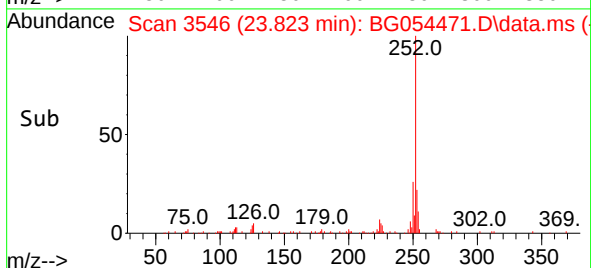
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

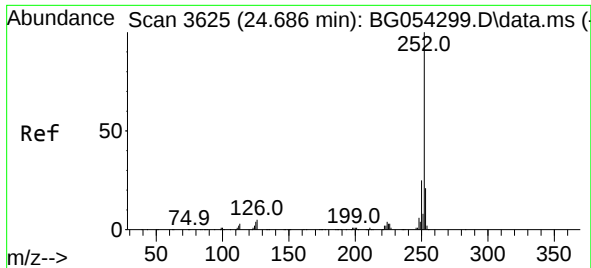


#88
 Benzo(b)fluoranthene
 Concen: 6.248 ng
 RT: 23.823 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: BG054471.D
 Acq: 1 Aug 2022 19:25



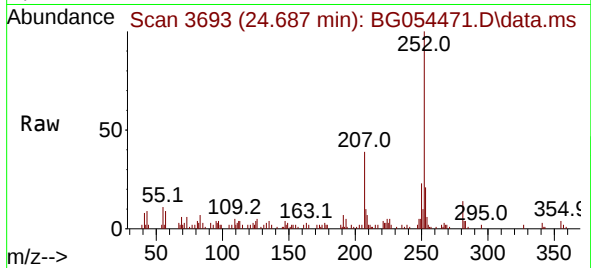
Tgt Ion:252 Resp: 57868
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.0 27.0
 125 5.7 4.6 6.8





#90
Benzo(a)pyrene
Concen: 4.486 ng
RT: 24.687 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG054471.D
Acq: 1 Aug 2022 19:25

Instrument :
BNA_G
ClientSampleId :
RVE-63



Tgt Ion:252 Resp: 35480
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 4.4 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

