

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054579.D
 Acq On : 9 Aug 2022 21:32
 Operator : CG/JU
 Sample : N3963-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-214

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 07:15:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	19556	20.000	ng	0.00
21) Naphthalene-d8	10.782	136	74862	20.000	ng	# 0.00
39) Acenaphthene-d10	14.613	164	56016	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	133866	20.000	ng	# 0.00
76) Chrysene-d12	21.628	240	148965	20.000	ng	# 0.00
86) Perylene-d12	24.830	264	147234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	113063	120.711	ng	0.00
7) Phenol-d6	7.180	99	148221	115.488	ng	0.00
23) Nitrobenzene-d5	9.142	82	99621	72.468	ng	0.00
42) 2,4,6-Tribromophenol	16.111	330	120176	102.179	ng	0.00
45) 2-Fluorobiphenyl	13.232	172	281019	70.771	ng	0.00
79) Terphenyl-d14	19.971	244	511233	68.082	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.403	178	22809	3.421	ng	98
75) Fluoranthene	19.419	202	60163	6.620	ng	94
78) Pyrene	19.777	202	65185	7.626	ng	98
81) Benzo(a)anthracene	21.610	228	39291m	4.155	ng	
83) Chrysene	21.675	228	39775	4.452	ng	96
88) Benzo(b)fluoranthene	23.819	252	64561m	7.415	ng	
90) Benzo(a)pyrene	24.683	252	41815	5.623	ng	98
92) Benzo(g,h,i)perylene	29.677	276	25742	2.832	ng	# 86

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

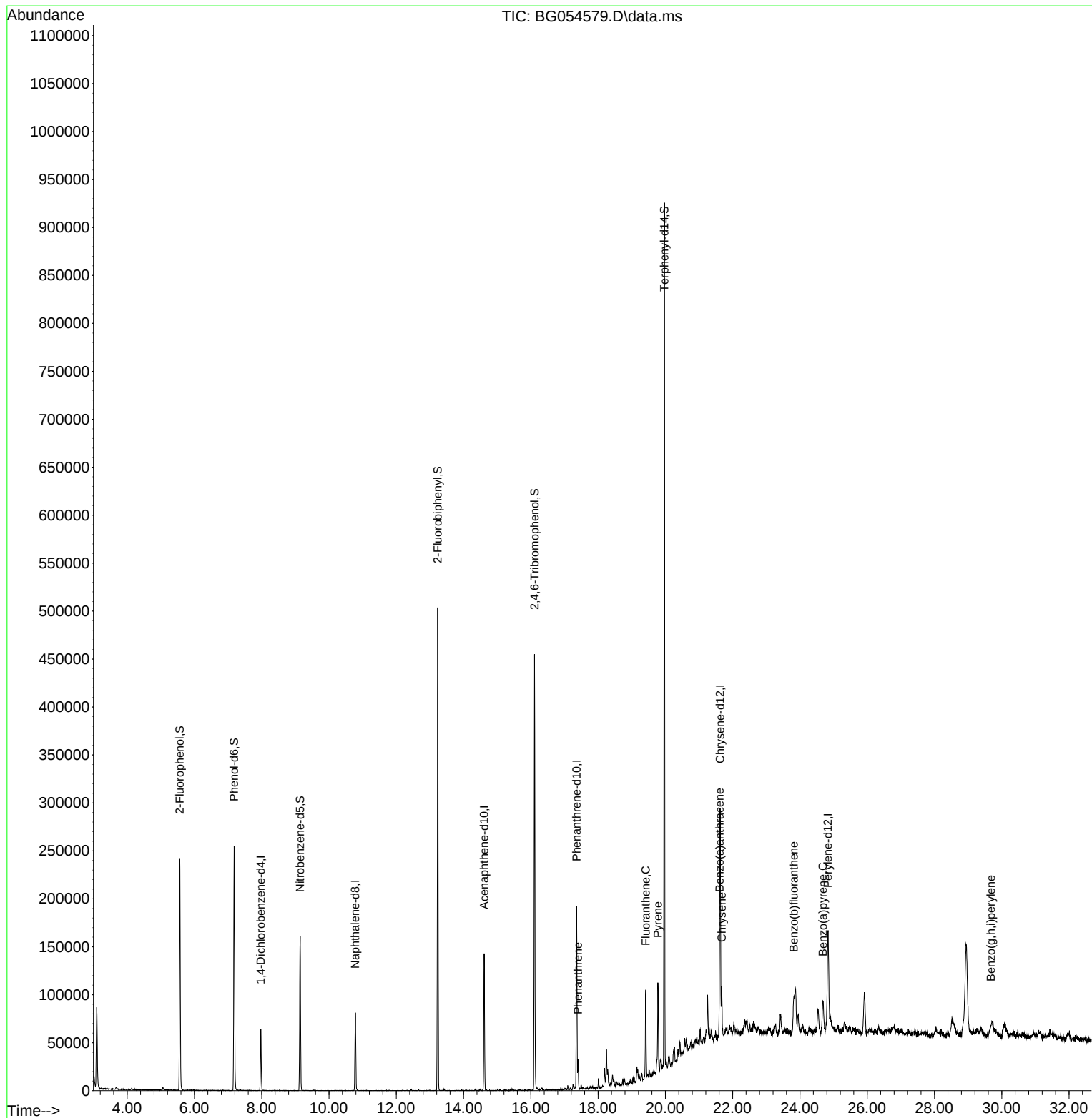
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054579.D
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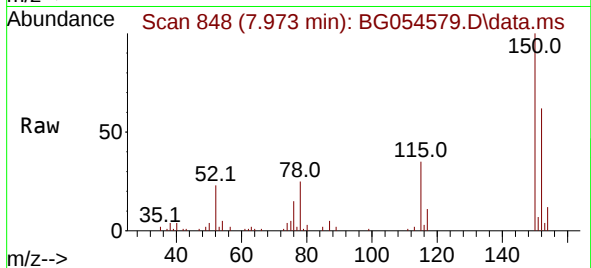
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

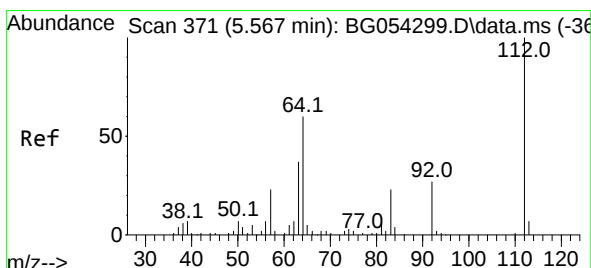
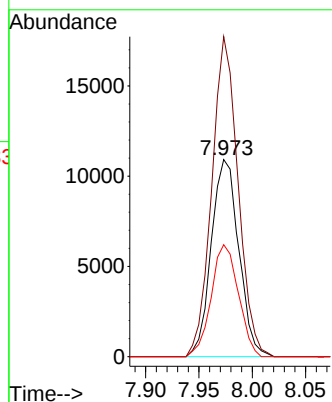
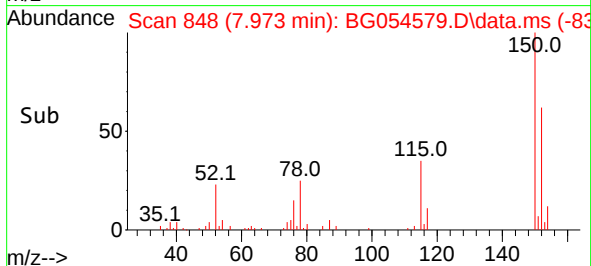
Instrument :
BNA_G
ClientSampleId :
RVE-214



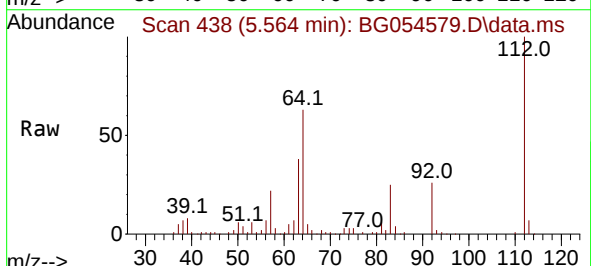
Tgt Ion:152 Resp: 19550
Ion Ratio Lower Upper
152 100
150 162.3 131.6 197.4
115 56.8 50.9 76.3

Manual Integrations
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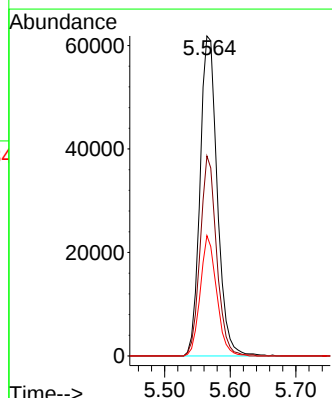
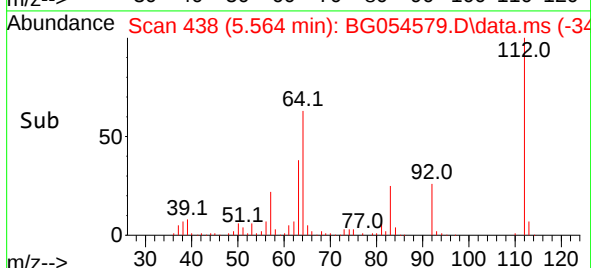
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

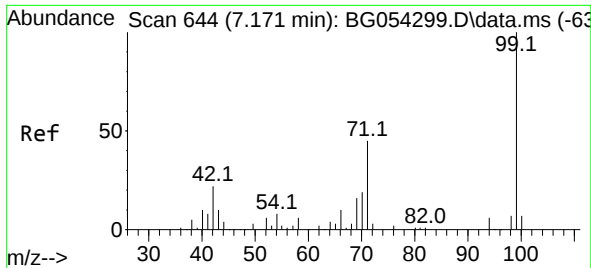


#5
2-Fluorophenol
Concen: 120.711 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32



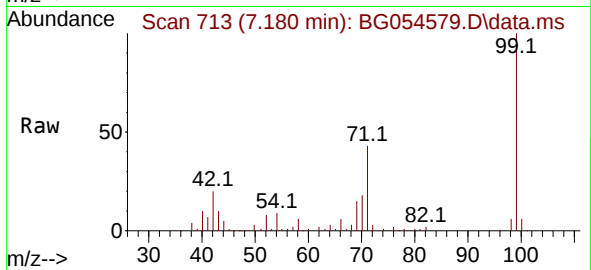
Tgt Ion:112 Resp: 113063
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 37.6 30.4 45.6





#7
Phenol-d6
Concen: 115.488 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

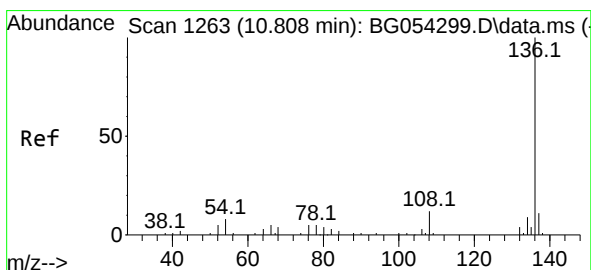
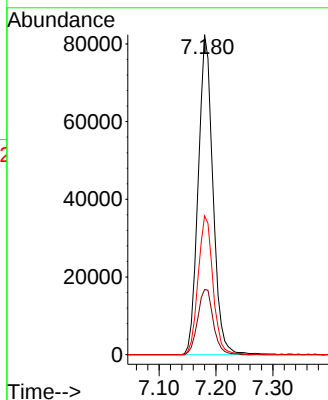
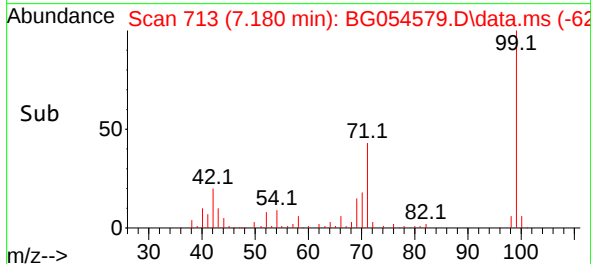
Instrument :
BNA_G
ClientSampleId :
RVE-214



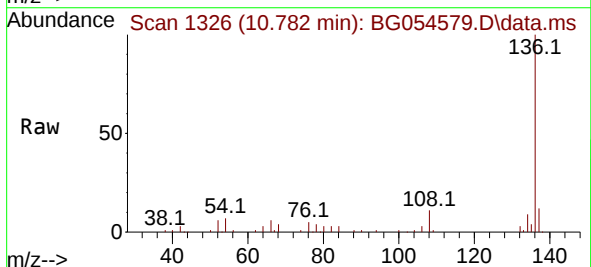
Tgt Ion: 99 Resp: 14822
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.4 33.8 50.8

Manual Integrations
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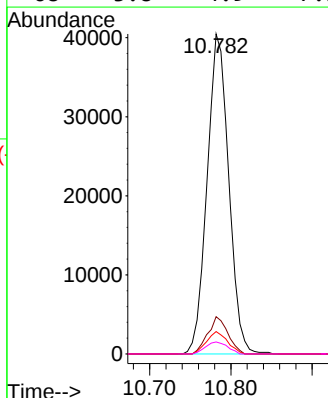
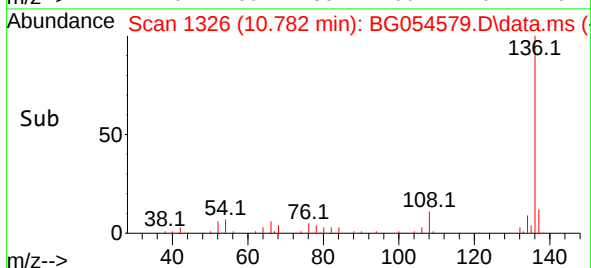
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.782 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32



Tgt Ion:136 Resp: 74862
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 7.0 7.4 11.2#
68 3.8 4.9 7.3#





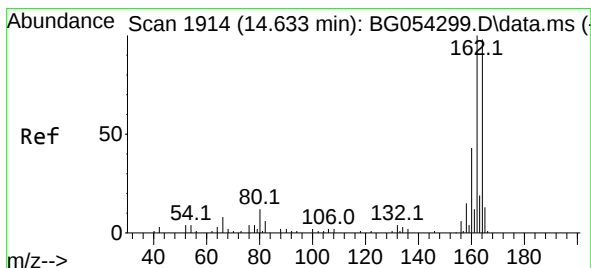
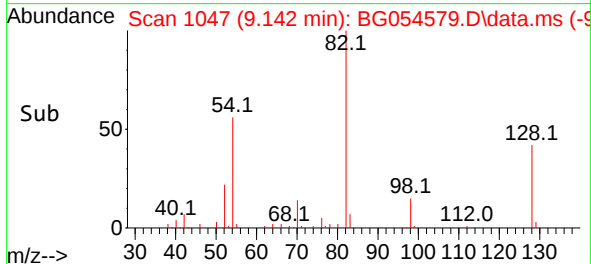
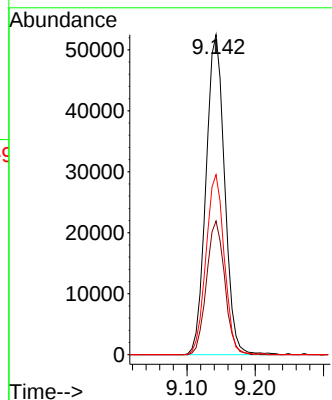
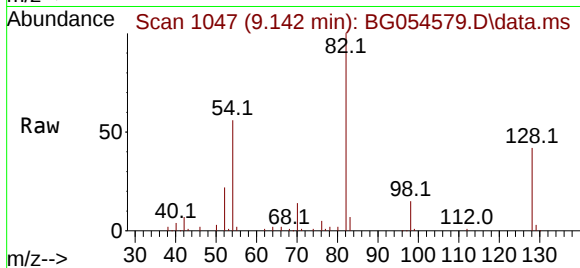
#23
Nitrobenzene-d5
Concen: 72.468 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion: 82 Resp: 9962
Ion Ratio Lower Upper
82 100
128 41.7 27.9 41.9
54 56.2 41.2 61.8

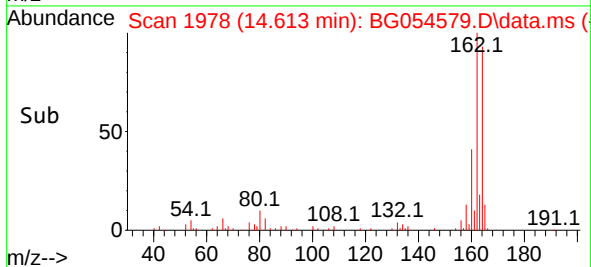
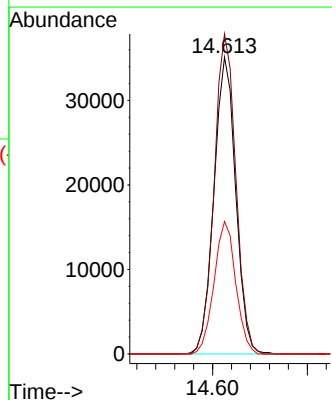
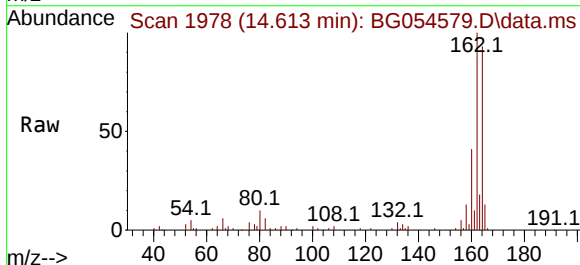
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

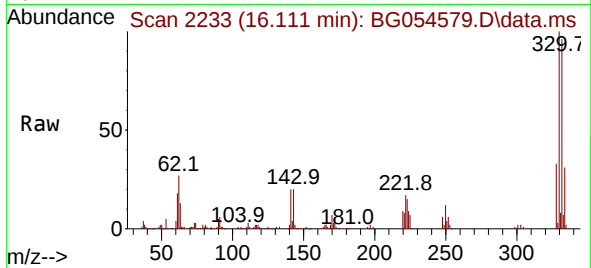
Tgt Ion:164 Resp: 56016
Ion Ratio Lower Upper
164 100
162 107.8 82.3 123.5
160 44.6 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 102.179 ng
RT: 16.111 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

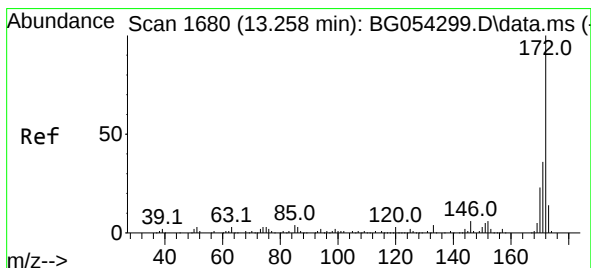
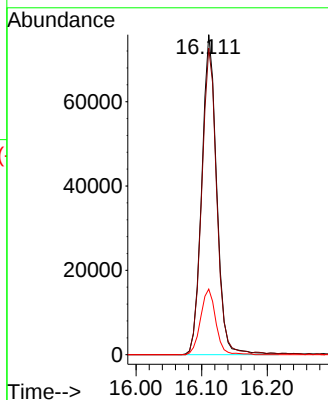
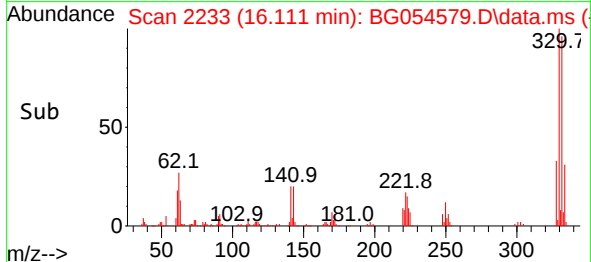
Instrument :
BNA_G
ClientSampleId :
RVE-214



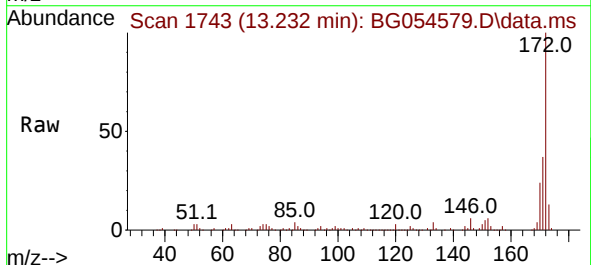
Tgt Ion:330 Resp: 120170
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 20.9 27.1 40.7

Manual Integrations
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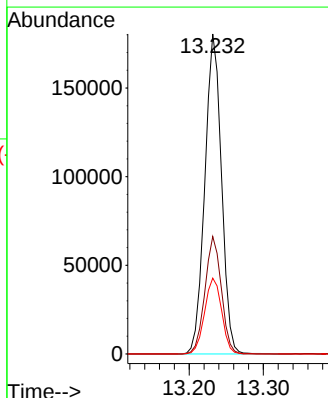
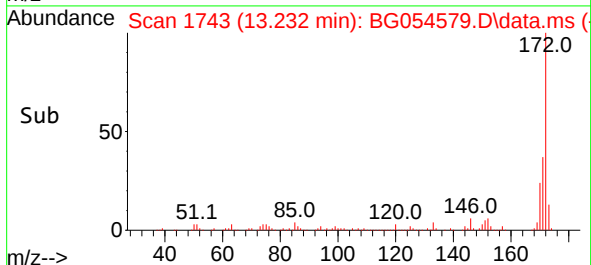
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

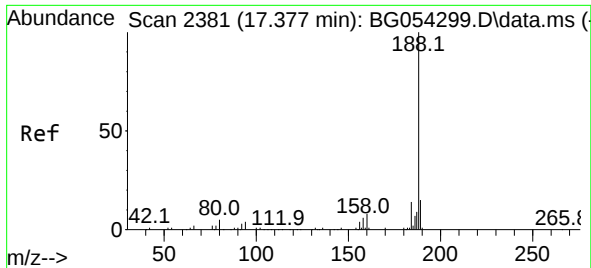


#45
2-Fluorobiphenyl
Concen: 70.771 ng
RT: 13.232 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32



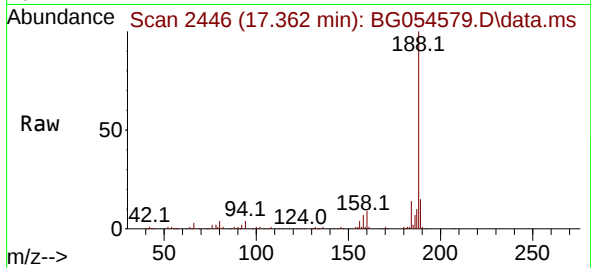
Tgt Ion:172 Resp: 281019
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.7 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

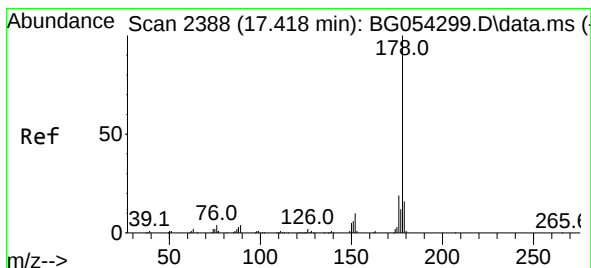
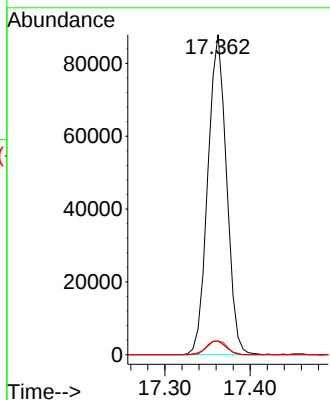
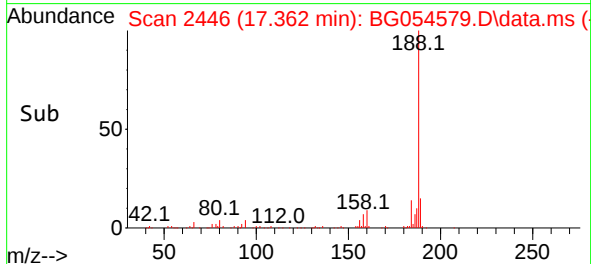
Instrument :
BNA_G
ClientSampleId :
RVE-214



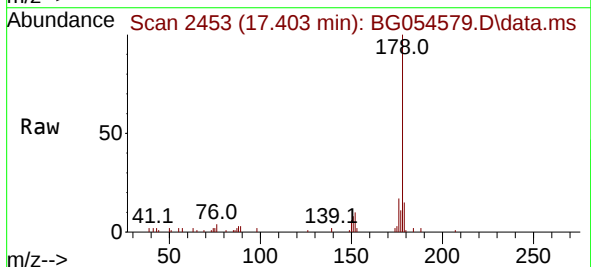
Tgt Ion:188 Resp: 133860
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0
80 4.3 6.8 10.2

Manual Integrations
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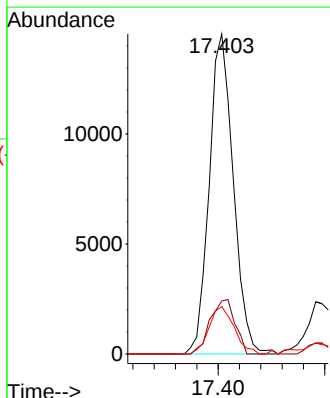
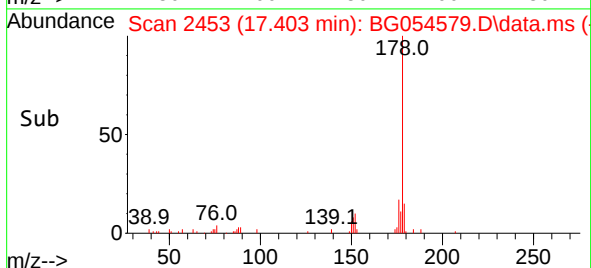
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Supervised By :Jagrut Upadhyay 08/10/2022

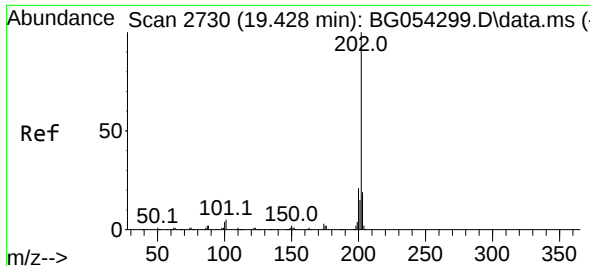


#71
Phenanthrene
Concen: 3.421 ng
RT: 17.403 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32



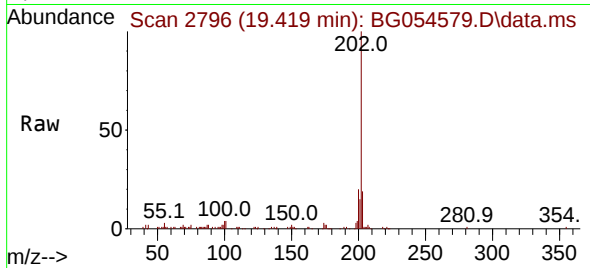
Tgt Ion:178 Resp: 22809
Ion Ratio Lower Upper
178 100
176 16.6 14.1 21.1
179 14.8 12.1 18.1





#75
Fluoranthene
Concen: 6.620 ng
RT: 19.419 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

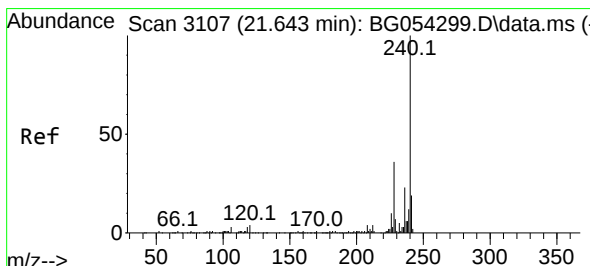
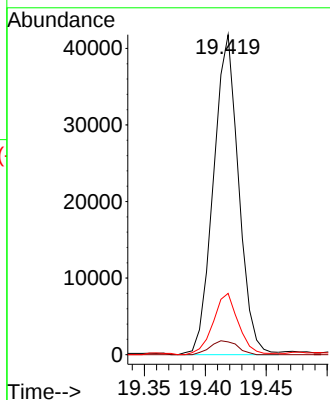
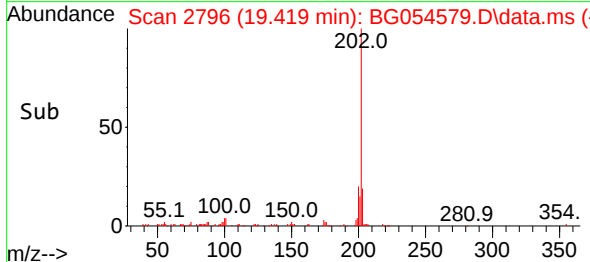
Instrument :
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RVE-214



Tgt Ion:202 Resp: 6016
Ion Ratio Lower Upper
202 100
101 4.0 0.0 26.9
203 19.2 0.0 37.2

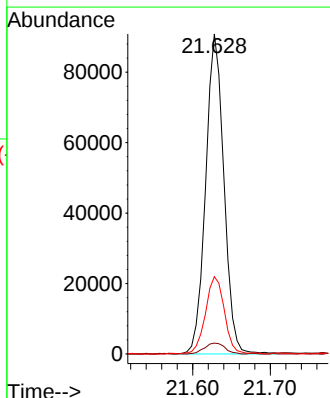
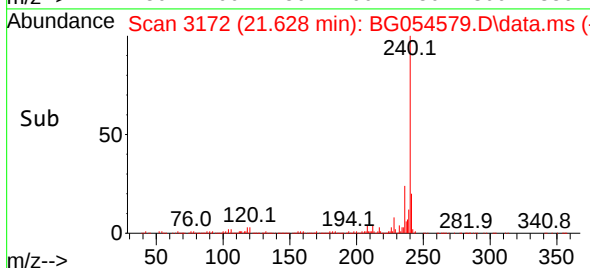
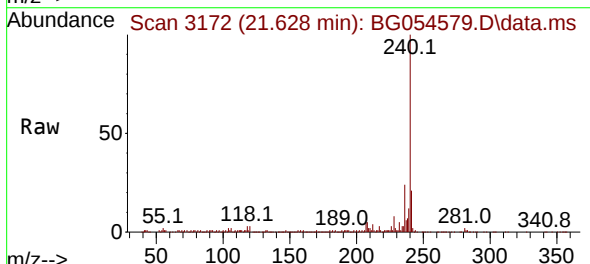
Manual Integrations
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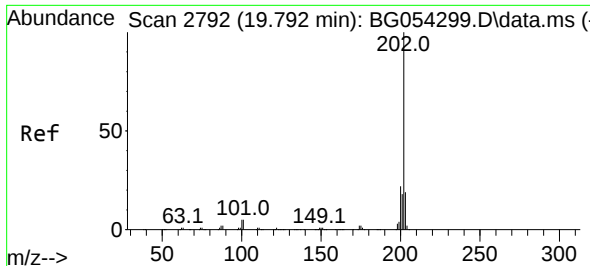
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

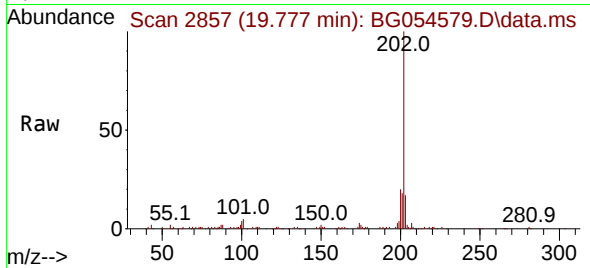
Tgt Ion:240 Resp: 148965
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.2 20.2 30.4





#78
Pyrene
Concen: 7.626 ng
RT: 19.777 min Scan# 2857
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

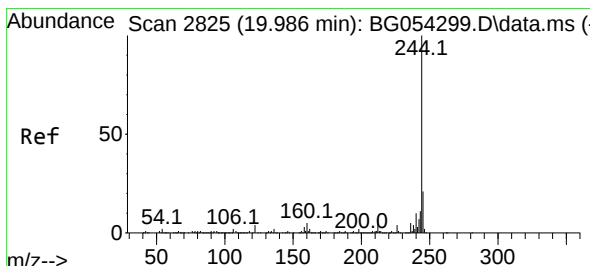
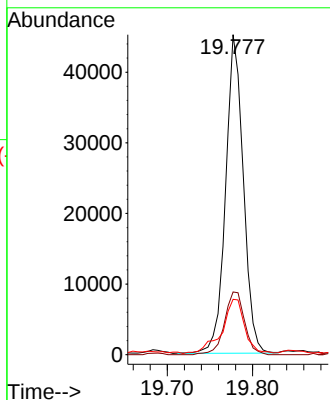
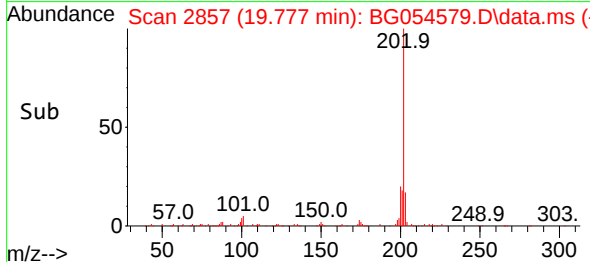
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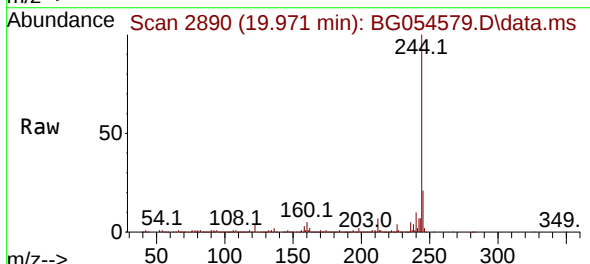
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Ion Ratio Lower Upper
202 100
200 19.6 16.6 24.8
203 17.3 14.6 21.8

Manual Integrations
APPROVED

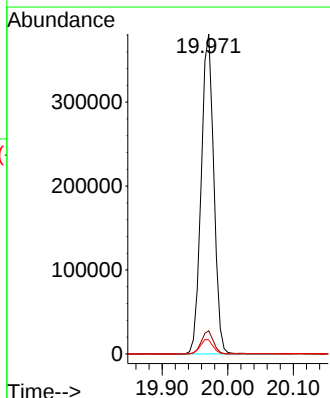
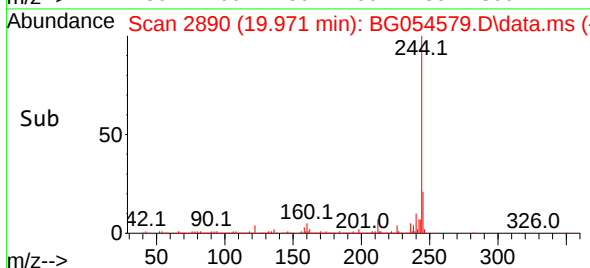
Reviewed By :Christian Giraldo 08/10/2022
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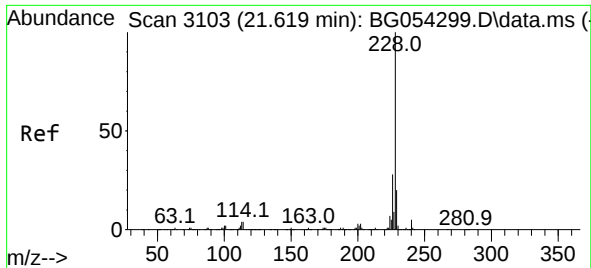


#79
Terphenyl-d14
Concen: 68.082 ng
RT: 19.971 min Scan# 2890
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32



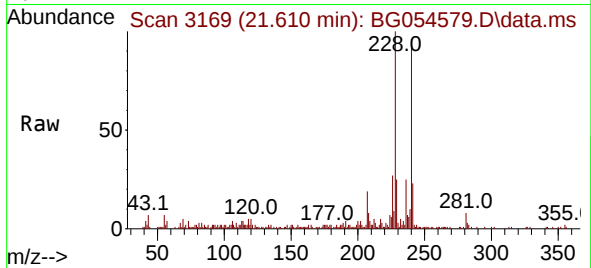
Tgt Ion:244 Resp: 511233
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.4 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 4.155 ng m
RT: 21.610 min Scan# 3103
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

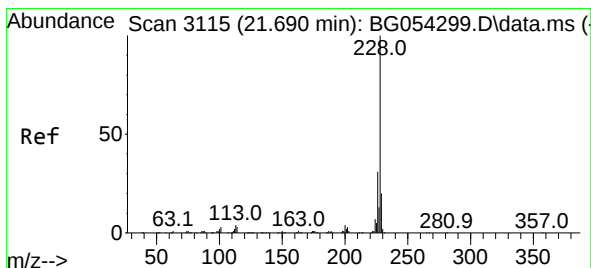
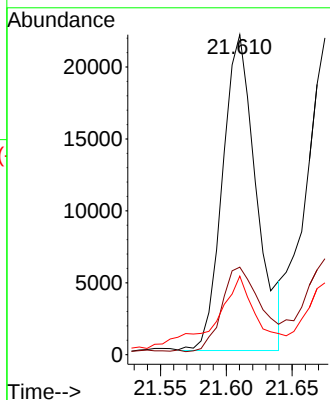
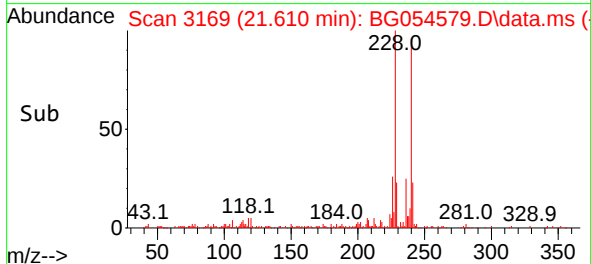
Instrument :
BNA_G
ClientSampleId :
RVE-214



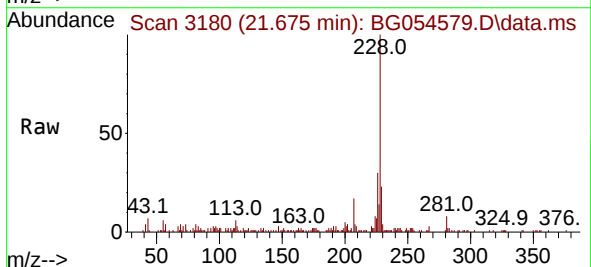
Tgt Ion:228 Resp: 3929
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 24.5 16.2 24.2

Manual Integrations
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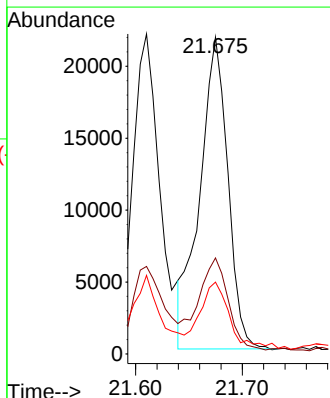
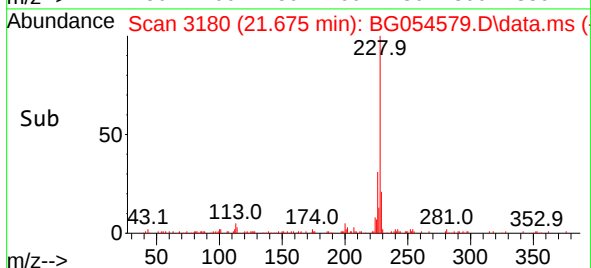
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

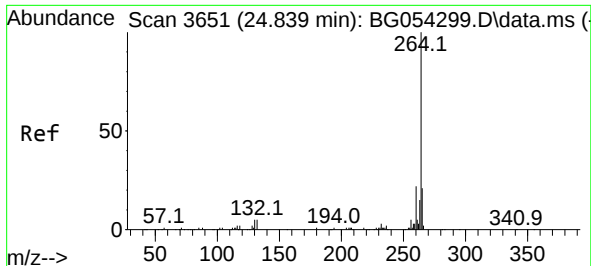


#83
Chrysene
Concen: 4.452 ng
RT: 21.675 min Scan# 3180
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32



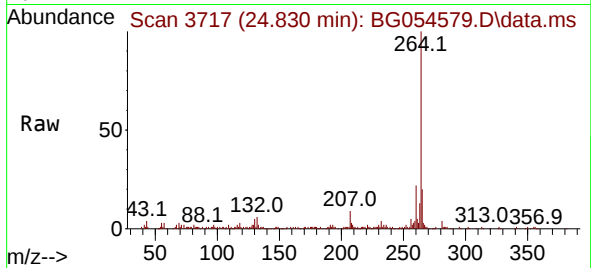
Tgt Ion:228 Resp: 39775
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 22.7 15.5 23.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG054579.D
 Acq: 9 Aug 2022 21:32

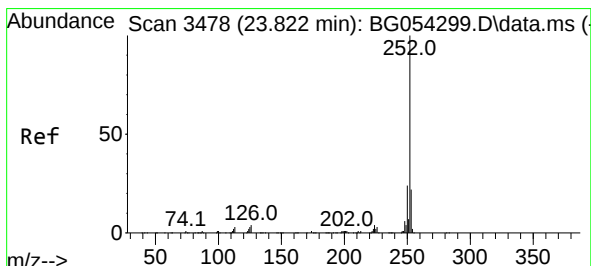
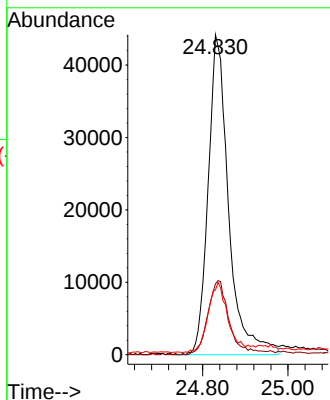
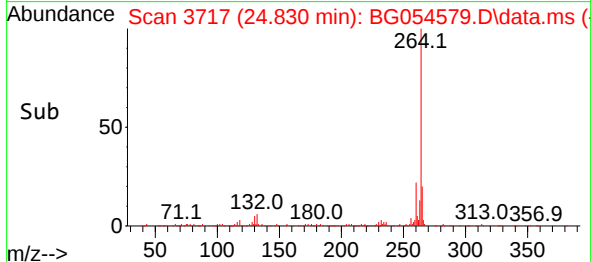
Instrument :
 BNA_G
 ClientSampleId :
 RVE-214



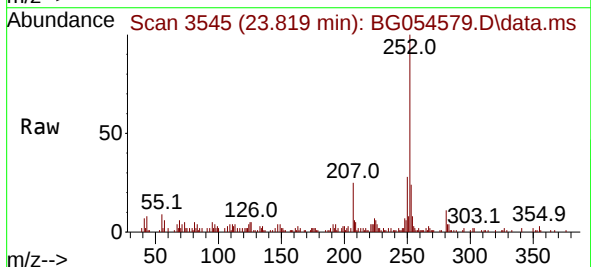
Tgt Ion:264 Resp: 147234
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.0 28.6
 265 20.2 17.4 26.2

Manual Integrations
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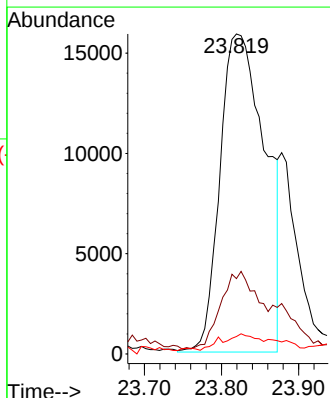
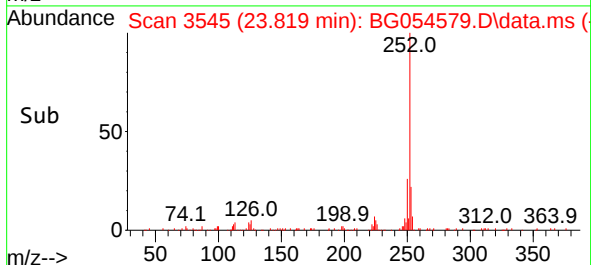
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

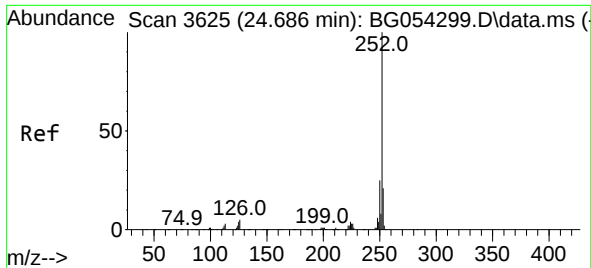


#88
 Benzo(b)fluoranthene
 Concen: 7.415 ng m
 RT: 23.819 min Scan# 3545
 Delta R.T. 0.001 min
 Lab File: BG054579.D
 Acq: 9 Aug 2022 21:32



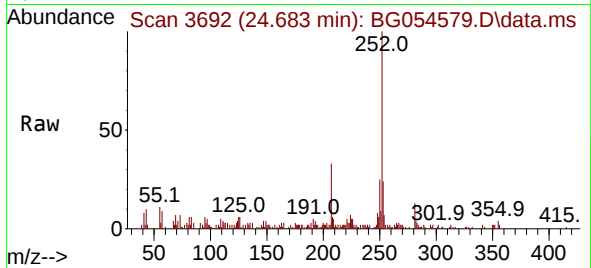
Tgt Ion:252 Resp: 64561
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.0 27.0
 125 5.5 4.6 6.8





#90
Benzo(a)pyrene
Concen: 5.623 ng
RT: 24.683 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

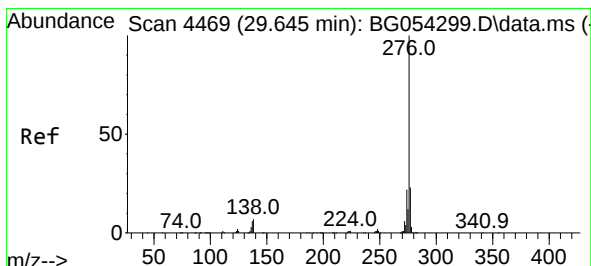
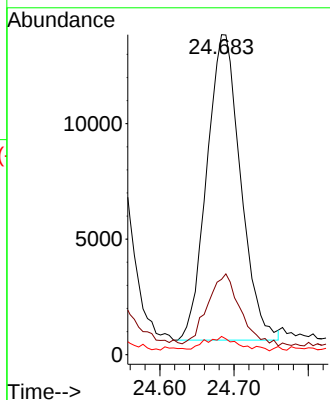
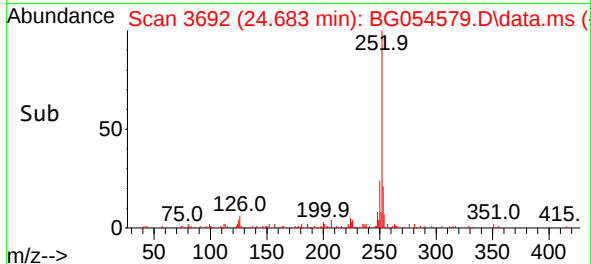
Instrument :
BNA_G
ClientSampleId :
RVE-214



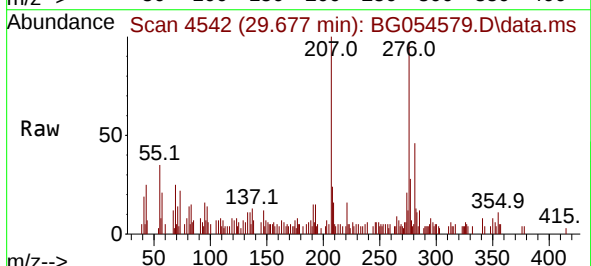
Tgt Ion:252 Resp: 4181
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 5.7 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#92
Benzo(g,h,i)perylene
Concen: 2.832 ng
RT: 29.677 min Scan# 4542
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32



Tgt Ion:276 Resp: 25742
Ion Ratio Lower Upper
276 100
277 28.9 17.3 25.9#
138 7.1 9.6 14.4#

