

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054474.D
 Acq On : 1 Aug 2022 21:29
 Operator : CG/JU
 Sample : N3894-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-33

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 05:47:03 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	7.982	152	20167	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	77893	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	59204	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	140624	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	155780	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	161663	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	100936	104.499	ng	0.00
7) Phenol-d6	7.183	99	137175	103.643	ng	0.01
23) Nitrobenzene-d5	9.151	82	94986	66.407	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	120891	97.252	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	297260	70.830	ng	0.00
79) Terphenyl-d14	19.980	244	576002	73.352	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.412	178	25200	3.598	ng	94
75) Fluoranthene	19.422	202	64772	6.785	ng	94
78) Pyrene	19.786	202	62058	6.943	ng	99
81) Benzo(a)anthracene	21.613	228	41092	4.155	ng	96
83) Chrysene	21.678	228	40628m	4.349	ng	
88) Benzo(b)fluoranthene	23.828	252	63869	6.680	ng	93
90) Benzo(a)pyrene	24.686	252	39295	4.813	ng	98

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

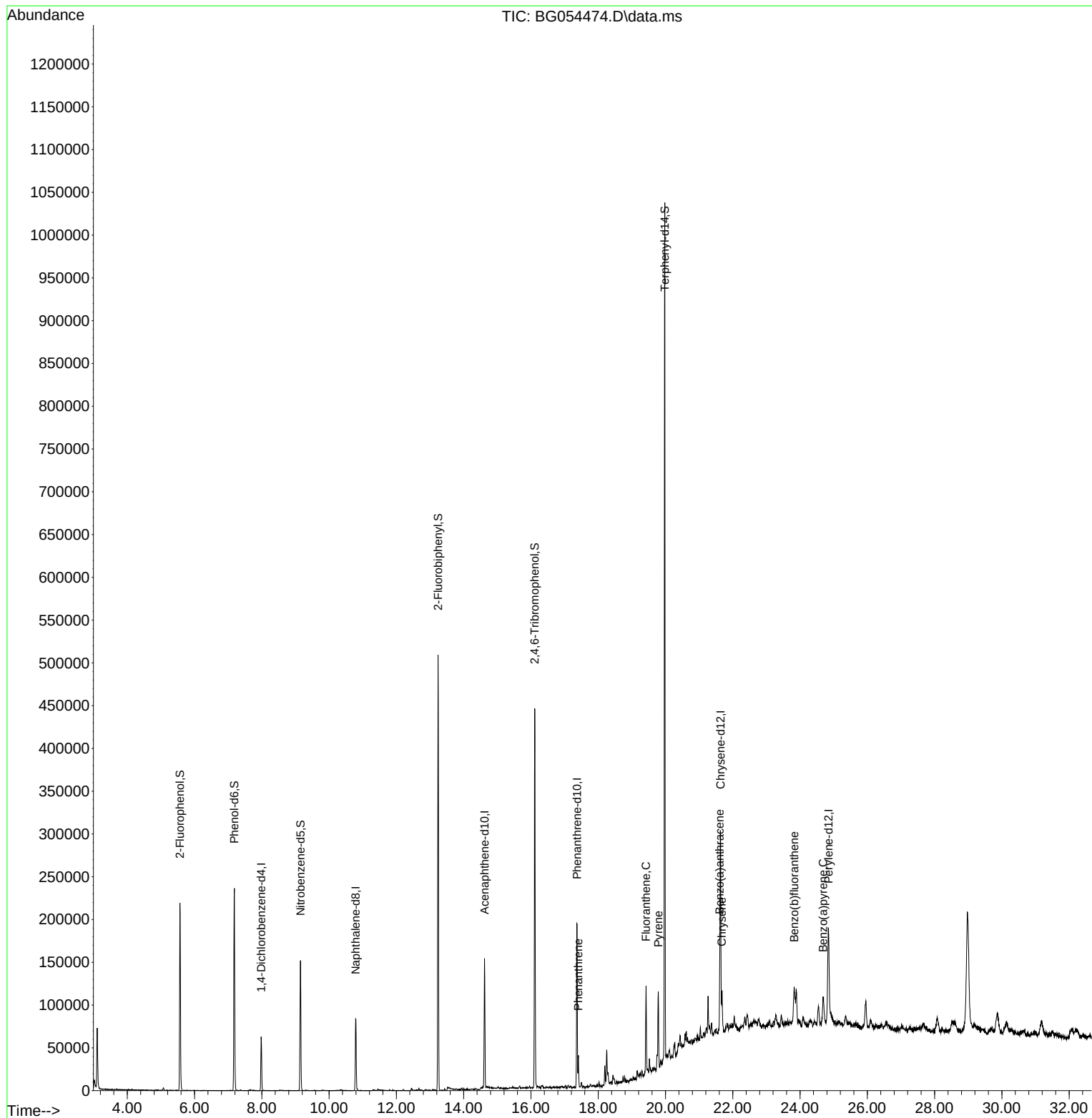
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054474.D
Acq On : 1 Aug 2022 21:29
Operator : CG/JU
Sample : N3894-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

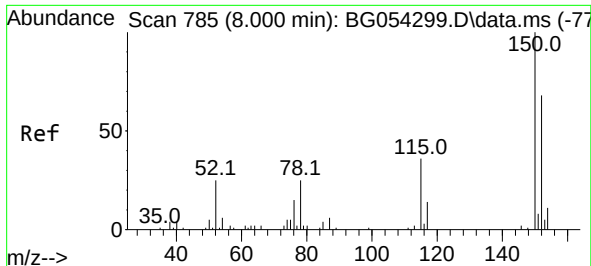
Instrument :
BNA_G
ClientSampleId :
RVE-33

Quant Time: Aug 02 05:47:03 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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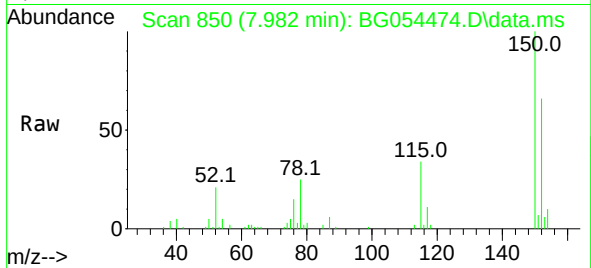
Reviewed By : Christian Giraldo 08/02/2022
Supervised By : Jagrut Upadhyay 08/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

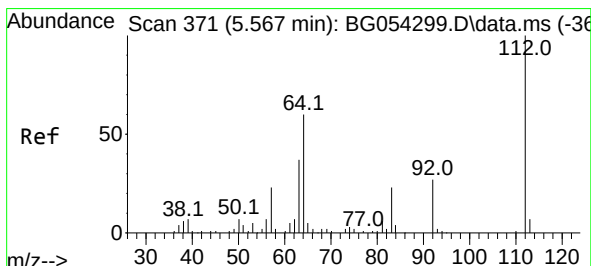
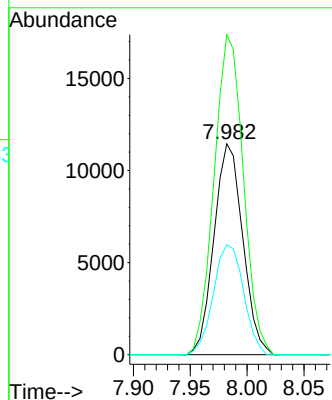
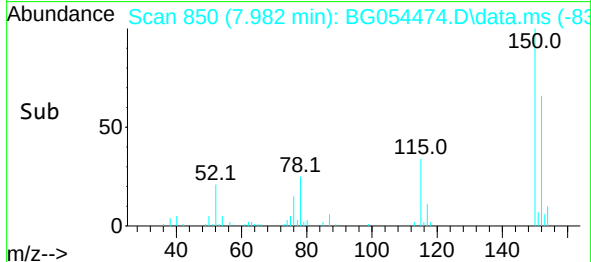
Instrument :
BNA_G
ClientSampleId :
RVE-33



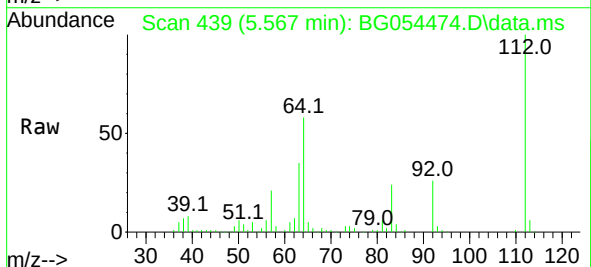
Tgt Ion:152 Resp: 2016
Ion Ratio Lower Upper
152 100
150 151.8 131.6 197.4
115 52.1 50.9 76.3

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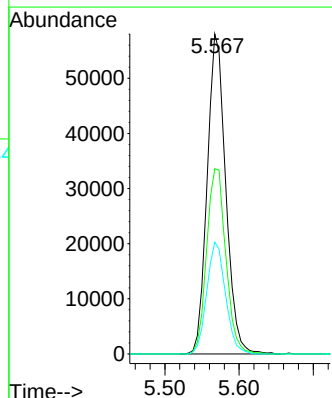
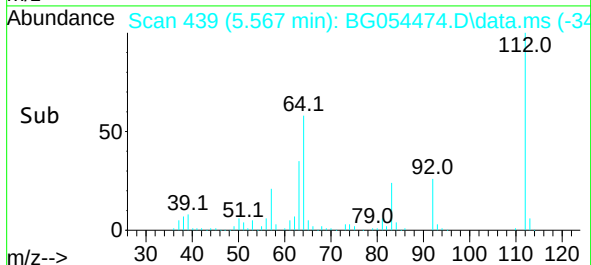
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

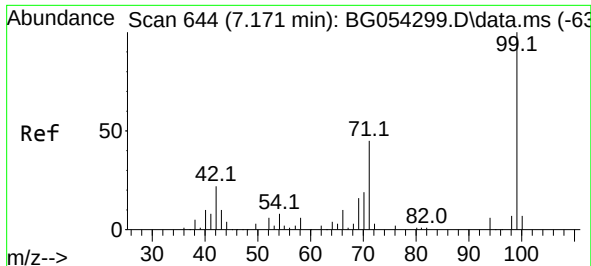


#5
2-Fluorophenol
Concen: 104.499 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29



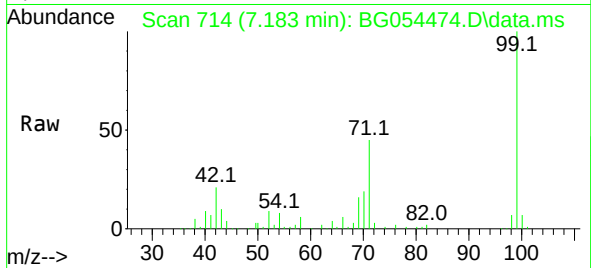
Tgt Ion:112 Resp: 100936
Ion Ratio Lower Upper
112 100
64 57.9 55.1 82.7
63 35.0 30.4 45.6





#7
Phenol-d6
Concen: 103.643 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

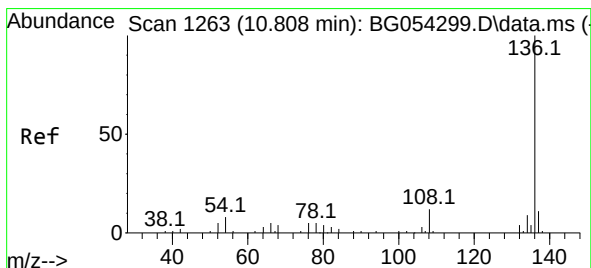
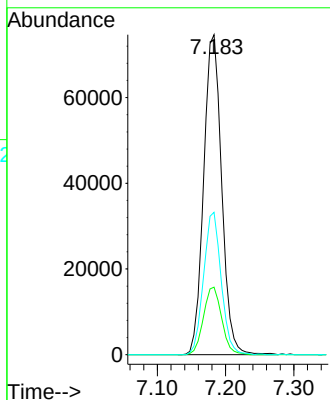
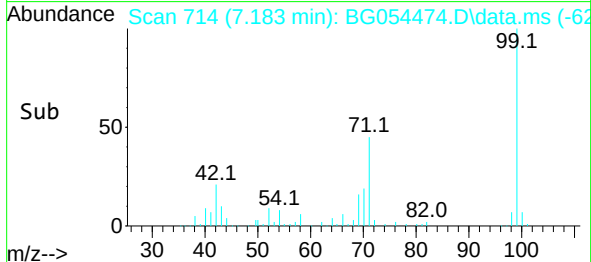
Instrument :
BNA_G
ClientSampleId :
RVE-33



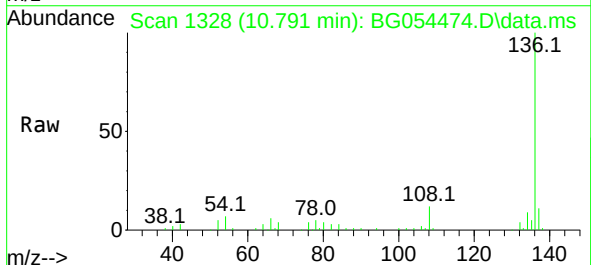
Tgt Ion: 99 Resp: 137175
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 44.5 33.8 50.8

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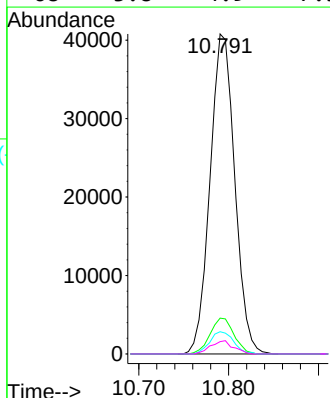
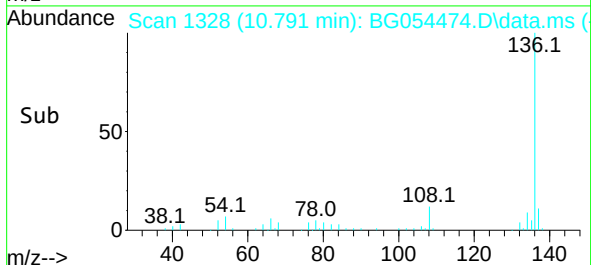
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

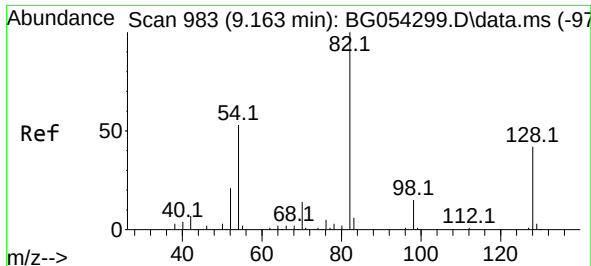


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29



Tgt Ion:136 Resp: 77893
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.0 7.4 11.2#
68 3.8 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 66.407 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :

BNA_G

ClientSampleId :

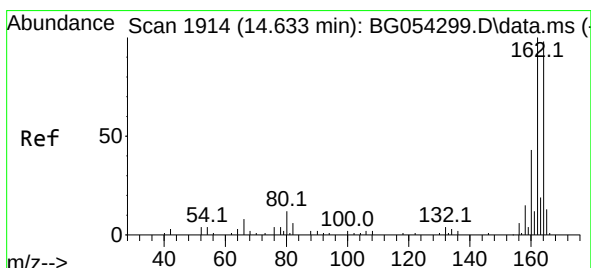
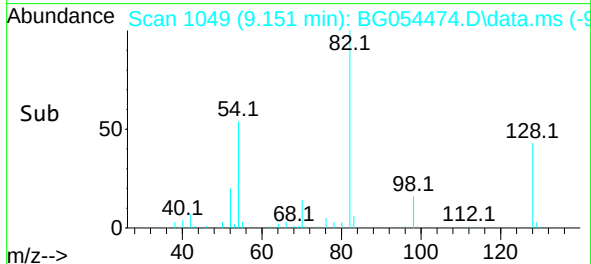
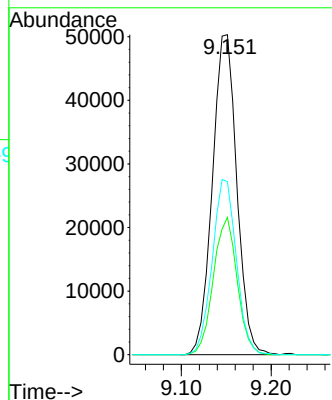
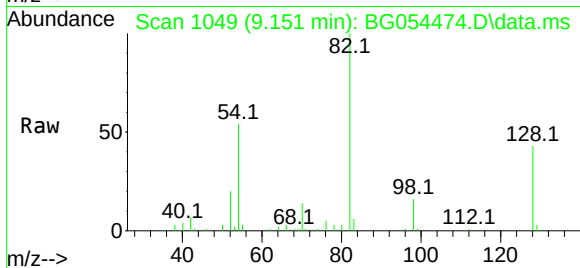
RVE-33

Tgt Ion: 82 Resp: 94980
Ion Ratio Lower Upper
82 100
128 42.9 27.9 41.9
54 54.1 41.2 61.8

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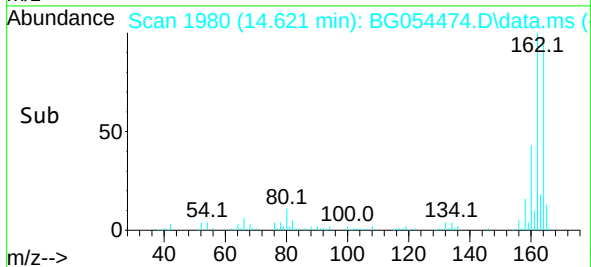
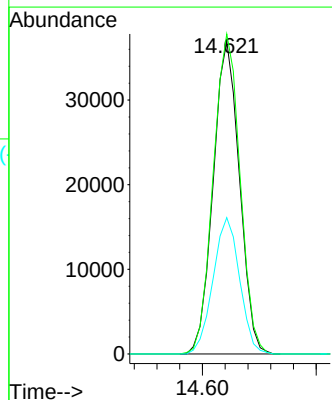
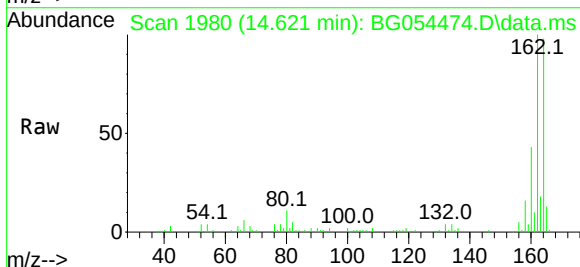
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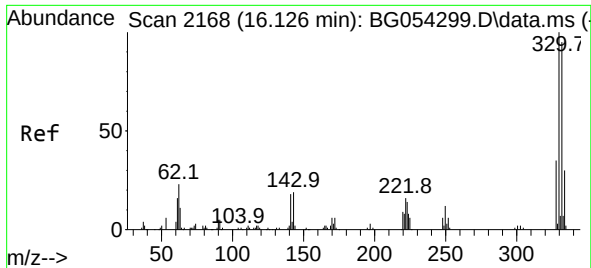
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

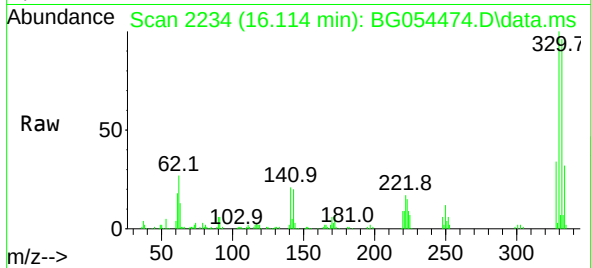
Tgt Ion:164 Resp: 59204
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 43.6 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 97.252 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

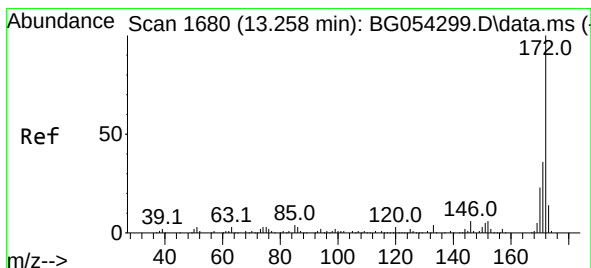
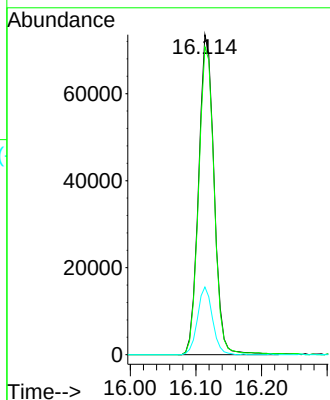
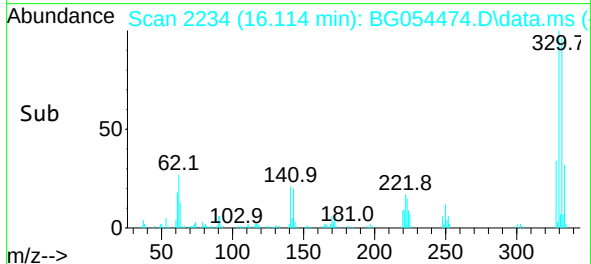
Instrument :
BNA_G
ClientSampleId :
RVE-33



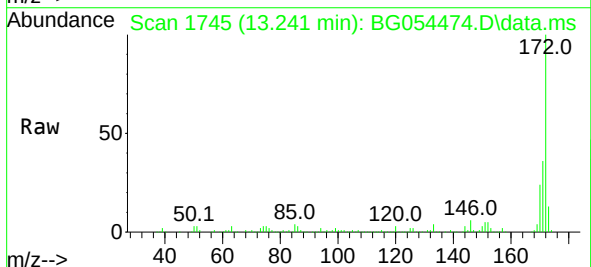
Tgt Ion:330 Resp: 12089
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 20.5 27.1 40.7

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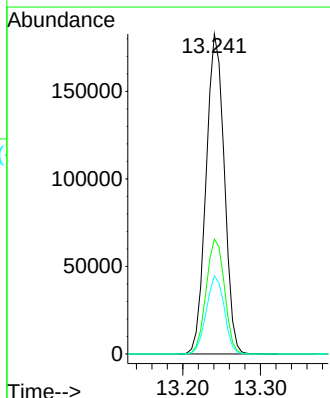
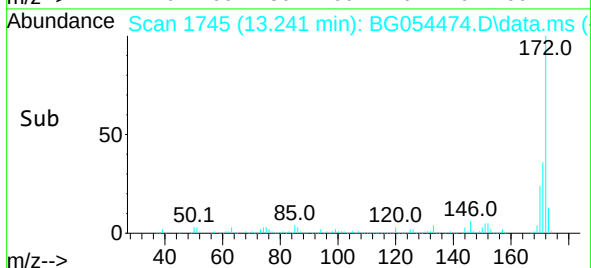
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

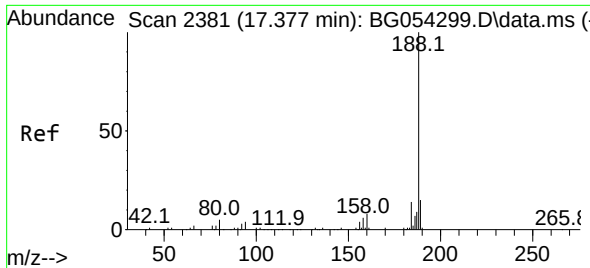


#45
2-Fluorobiphenyl
Concen: 70.830 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29



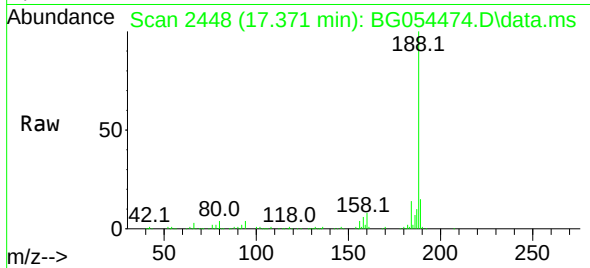
Tgt Ion:172 Resp: 297260
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

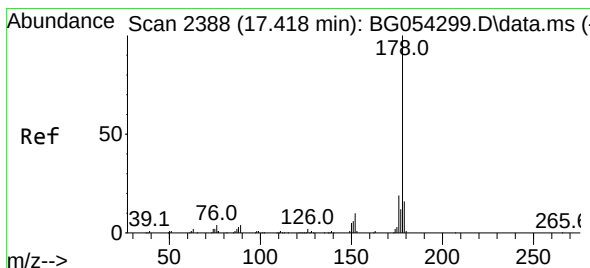
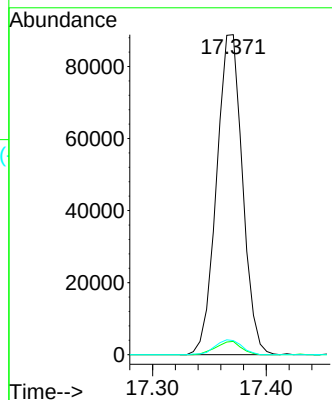
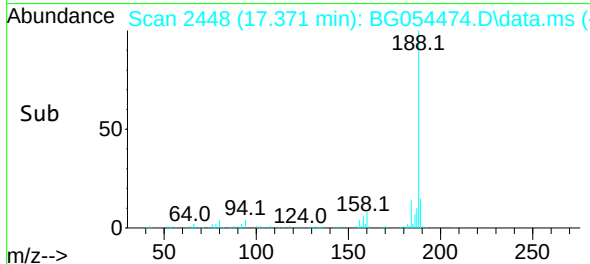
Instrument :
BNA_G
ClientSampleId :
RVE-33



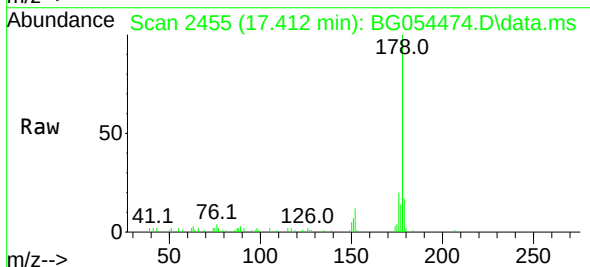
Tgt Ion:188 Resp: 140624
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 4.4 6.8 10.2

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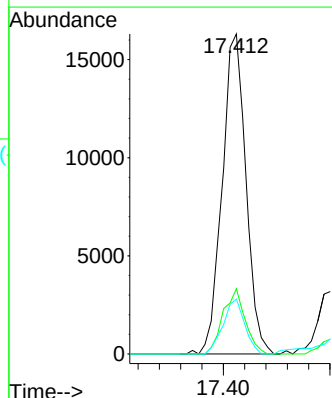
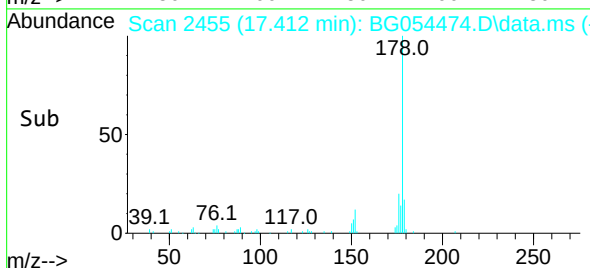
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

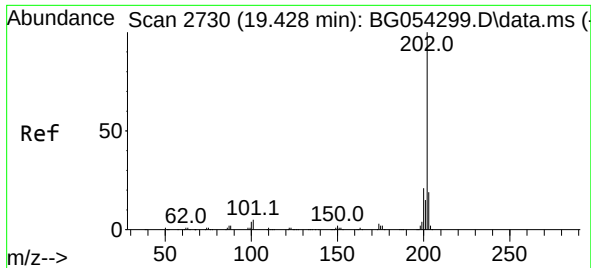


#71
Phenanthrene
Concen: 3.598 ng
RT: 17.412 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29



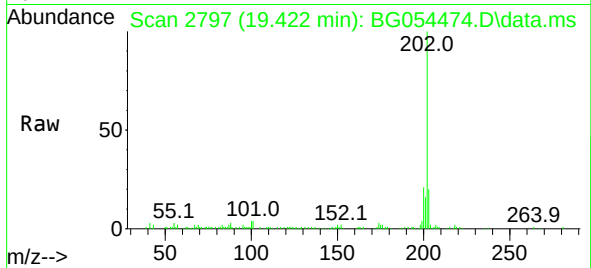
Tgt Ion:178 Resp: 25200
Ion Ratio Lower Upper
178 100
176 20.4 14.1 21.1
179 17.1 12.1 18.1





#75
Fluoranthene
Concen: 6.785 ng
RT: 19.422 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

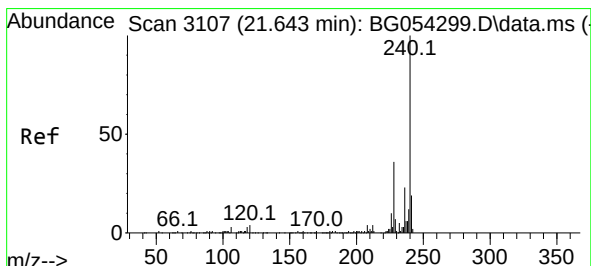
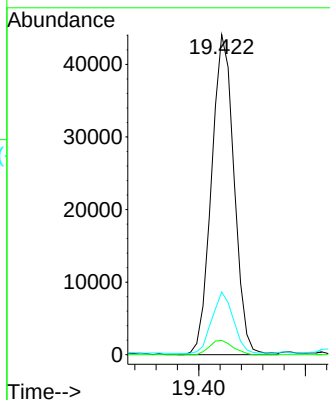
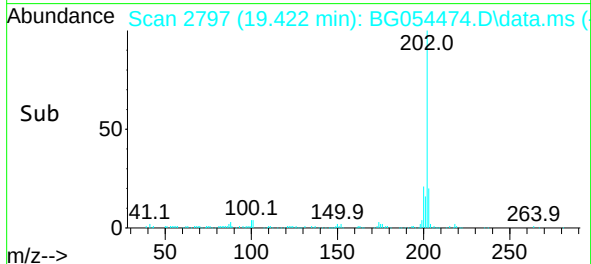
Instrument :
BNA_G
ClientSampleId :
RVE-33



Tgt Ion:202 Resp: 64772
Ion Ratio Lower Upper
202 100
101 4.4 0.0 26.9
203 19.6 0.0 37.2

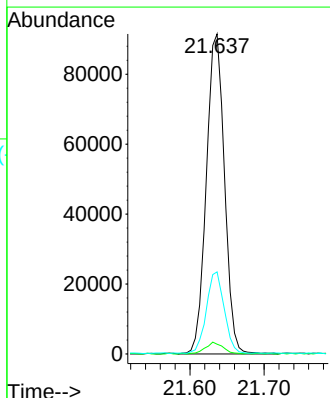
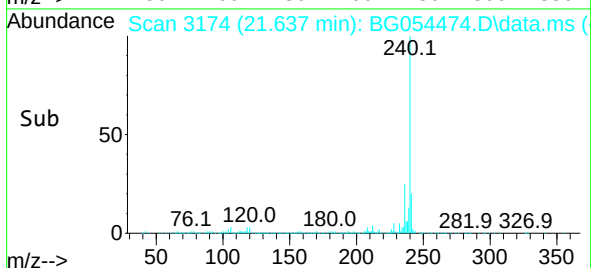
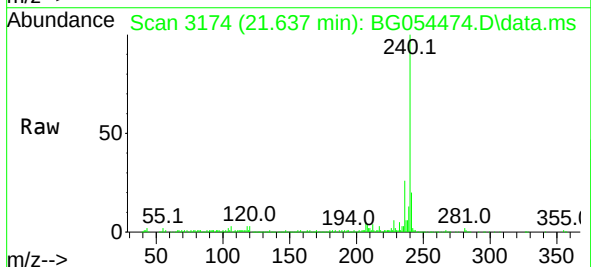
Manual Integrations
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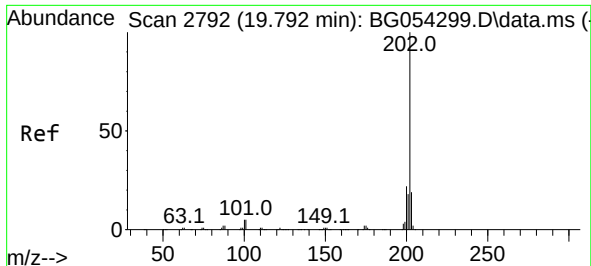
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

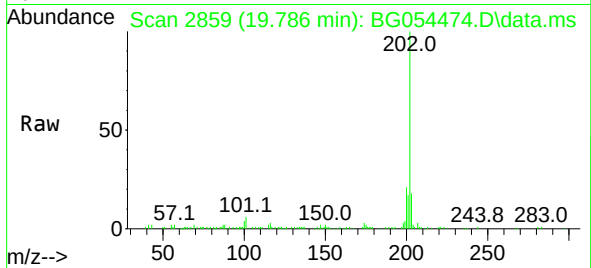
Tgt Ion:240 Resp: 155780
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 25.7 20.2 30.4





#78
Pyrene
Concen: 6.943 ng
RT: 19.786 min Scan# 2792
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

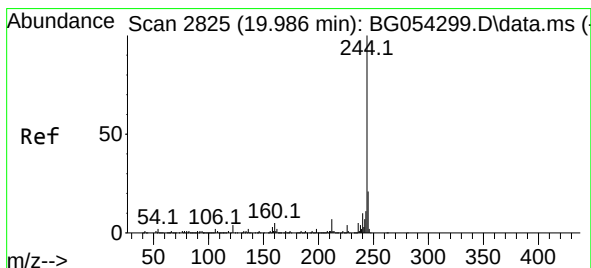
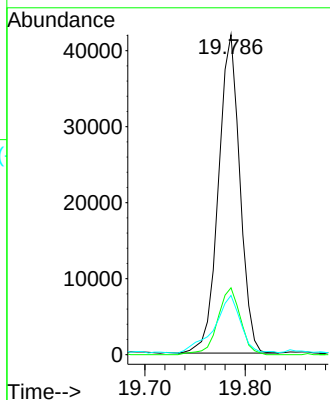
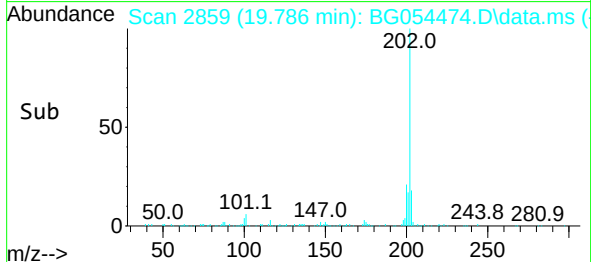
Instrument :
BNA_G
ClientSampleId :
RVE-33



Tgt Ion:202 Resp: 62058
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.5 14.6 21.8

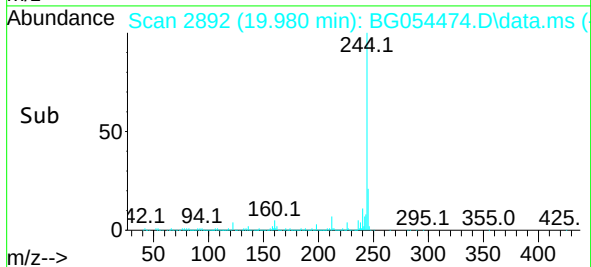
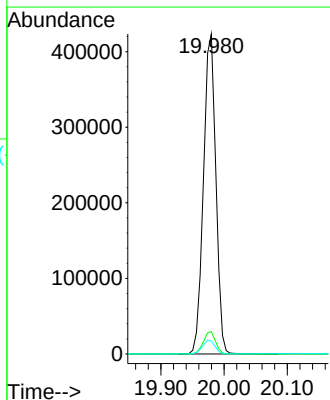
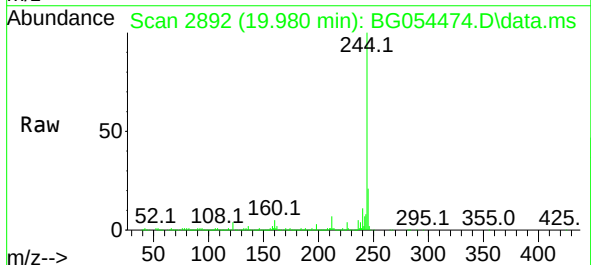
Manual Integrations
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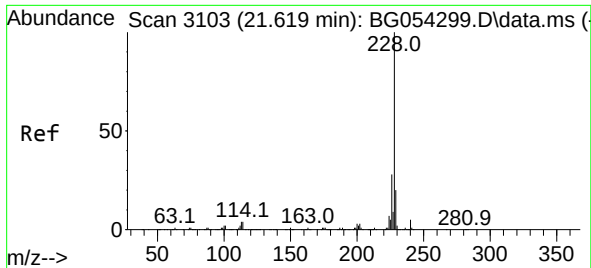
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#79
Terphenyl-d14
Concen: 73.352 ng
RT: 19.980 min Scan# 2892
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

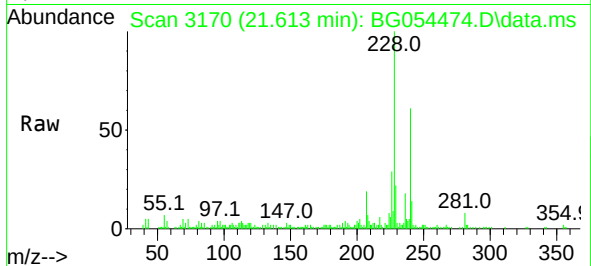
Tgt Ion:244 Resp: 576002
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 4.1 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 4.155 ng
RT: 21.613 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

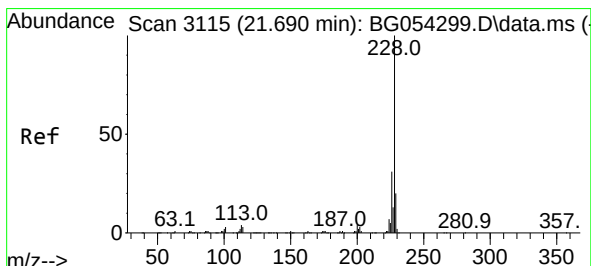
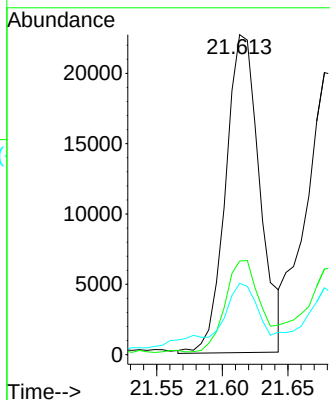
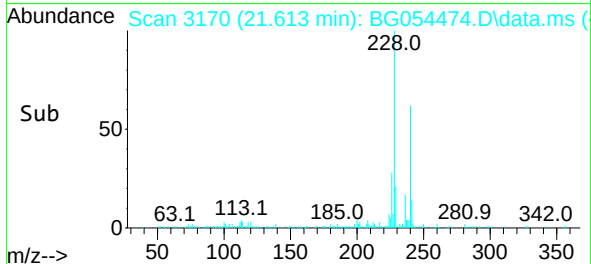
Instrument :
BNA_G
ClientSampleId :
RVE-33



Tgt Ion:228 Resp: 41092
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 22.3 16.2 24.2

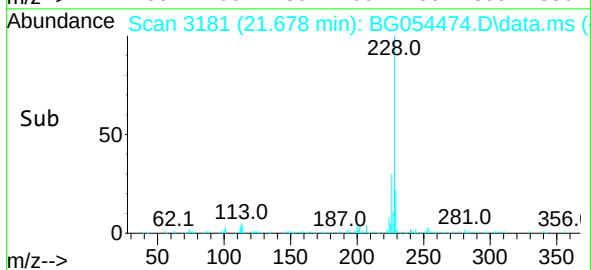
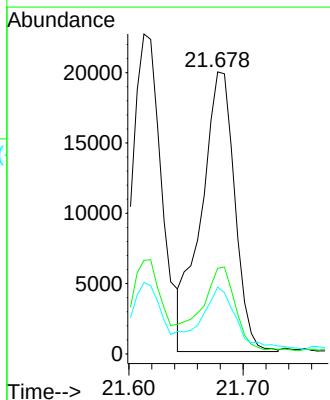
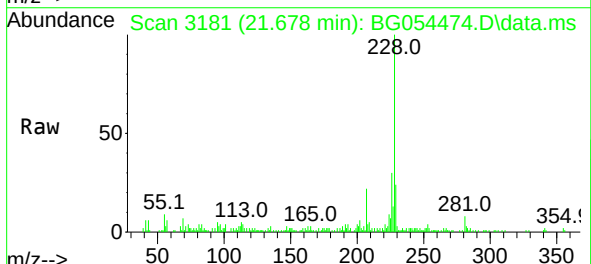
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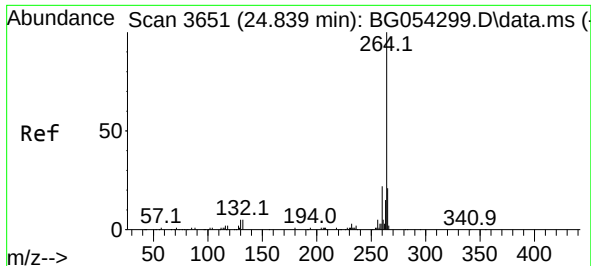
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#83
Chrysene
Concen: 4.349 ng m
RT: 21.678 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

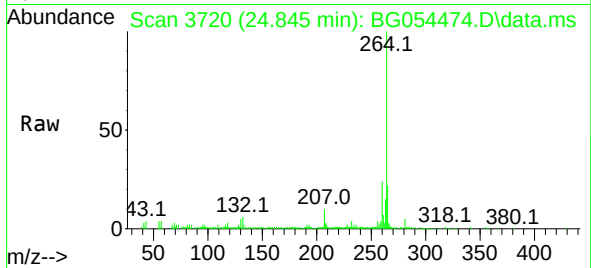
Tgt Ion:228 Resp: 40628
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 23.7 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

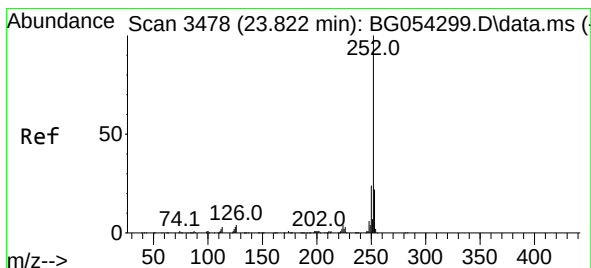
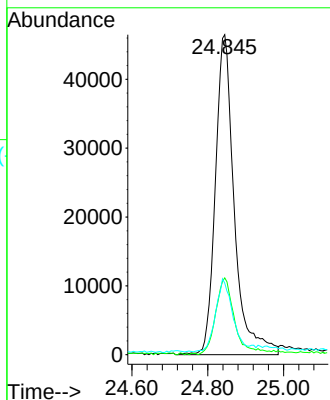
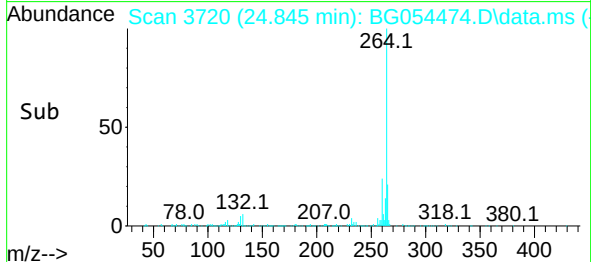
Instrument :
BNA_G
ClientSampleId :
RVE-33



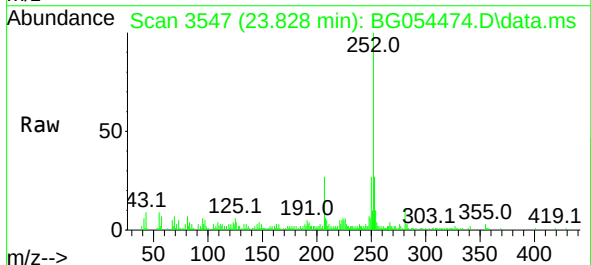
Tgt Ion:264 Resp: 16166
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 22.3 17.4 26.2

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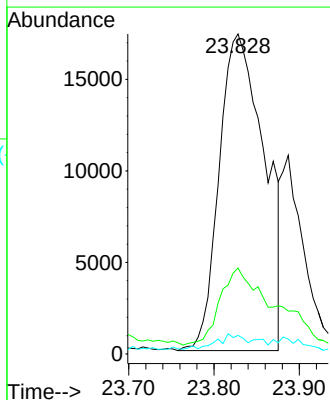
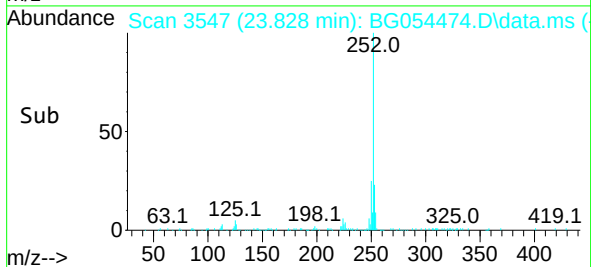
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

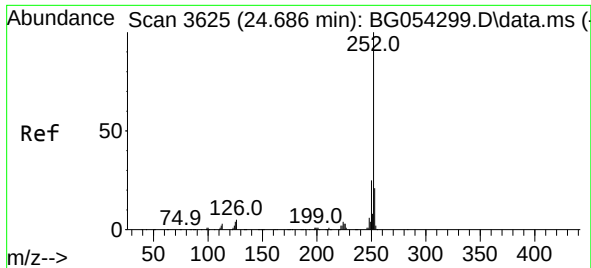


#88
Benzo(b)fluoranthene
Concen: 6.680 ng
RT: 23.828 min Scan# 3547
Delta R.T. 0.005 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29



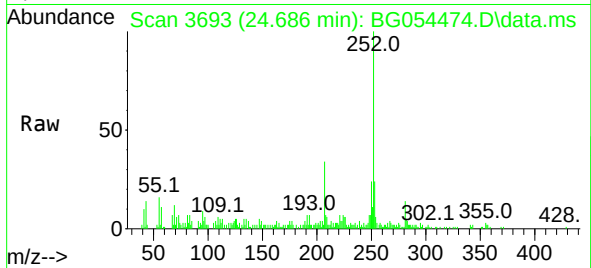
Tgt Ion:252 Resp: 63869
Ion Ratio Lower Upper
252 100
253 26.9 18.0 27.0
125 5.8 4.6 6.8





#90
Benzo(a)pyrene
Concen: 4.813 ng
RT: 24.686 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33



Tgt Ion:252 Resp: 3929
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 5.5 4.3 6.5

Manual Integrations
APPROVED

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

