

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054461.D
 Acq On : 1 Aug 2022 12:33
 Operator : CG/JU
 Sample : N3896-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-69

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 05:45:14 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	7.981	152	14684	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	55762	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	46671	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	129478	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	150180	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	160337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	66422	94.444	ng	0.00
7) Phenol-d6	7.170	99	91192	94.628	ng	0.00
23) Nitrobenzene-d5	9.145	82	62772	61.303	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	95888	97.853	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	200805	60.696	ng	0.00
79) Terphenyl-d14	19.979	244	506657	66.927	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.421	202	22039	2.507	ng	97
78) Pyrene	19.779	202	23621	2.741	ng	96
88) Benzo(b)fluoranthene	23.822	252	22239m	2.345	ng	

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

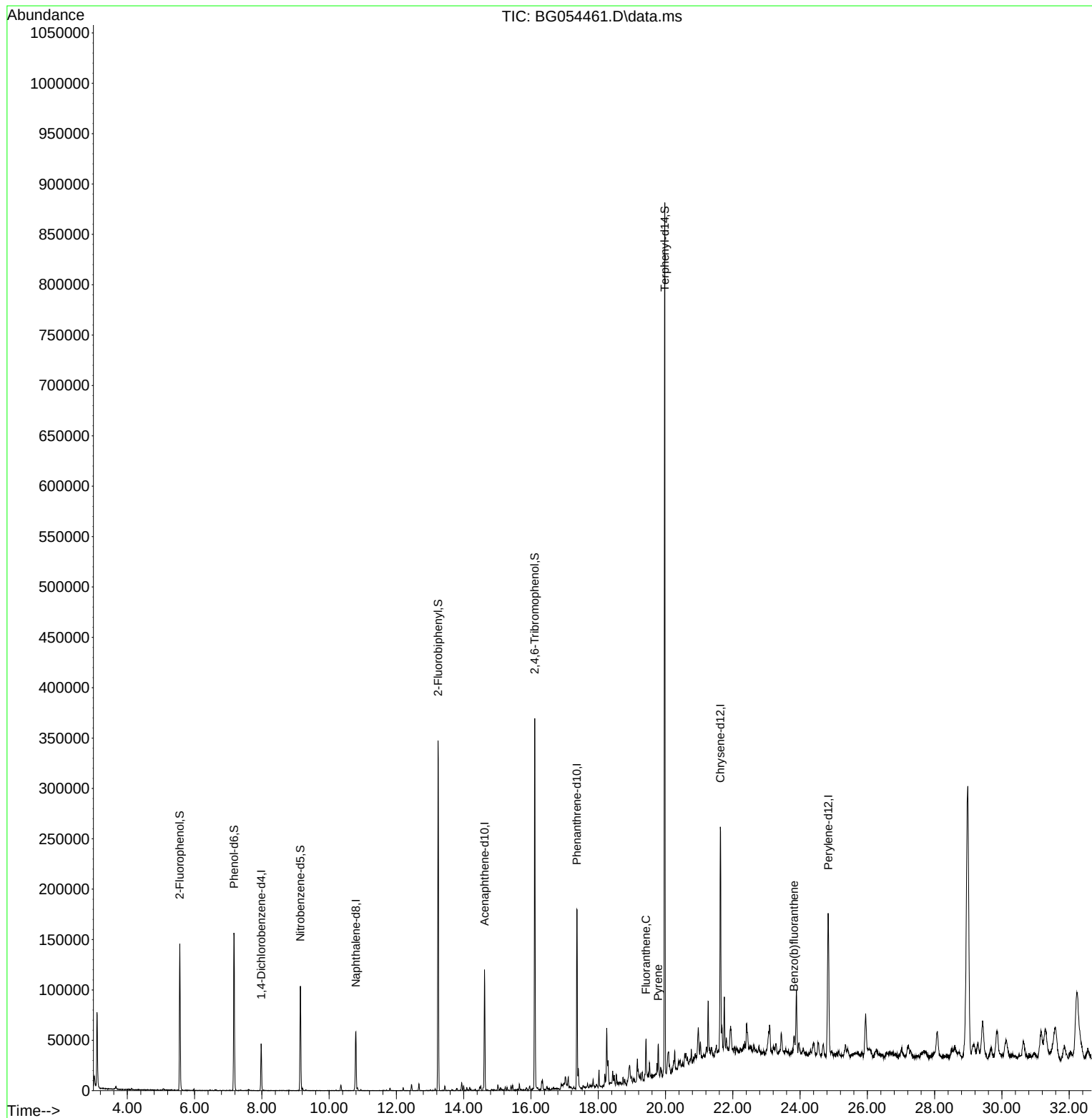
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054461.D
Acq On : 1 Aug 2022 12:33
Operator : CG/JU
Sample : N3896-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

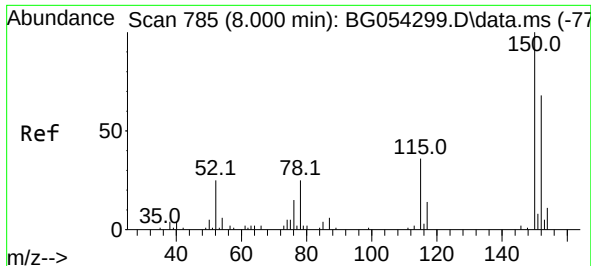
Instrument :
BNA_G
ClientSampleId :
RVE-69

Quant Time: Aug 02 05:45:14 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

Manual Integrations
APPROVED

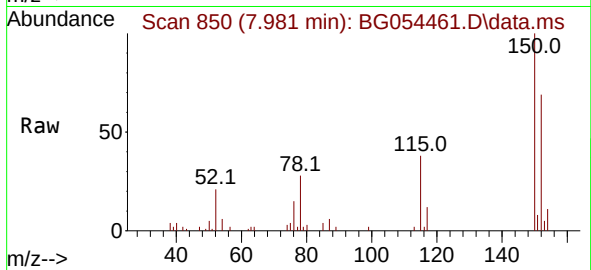
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

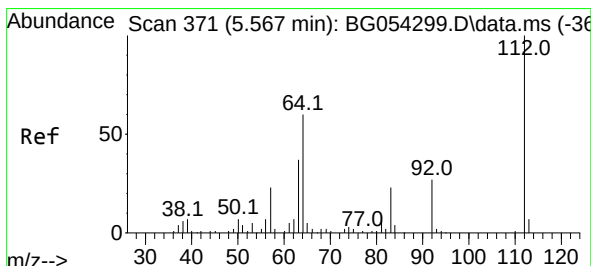
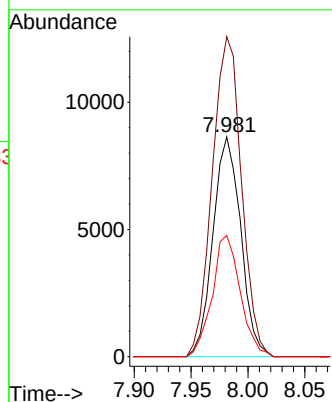
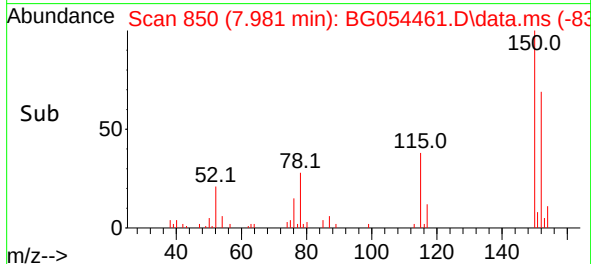
Instrument :
BNA_G
ClientSampleId :
RVE-69



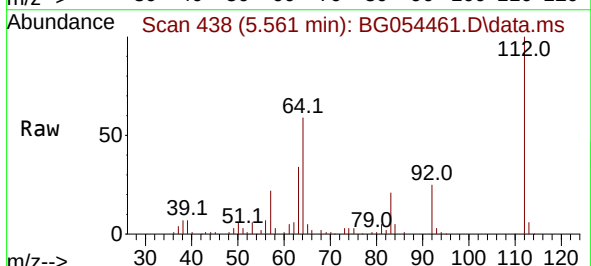
Tgt Ion:152 Resp: 14684
Ion Ratio Lower Upper
152 100
150 145.5 131.6 197.4
115 55.2 50.9 76.3

Manual Integrations
APPROVED

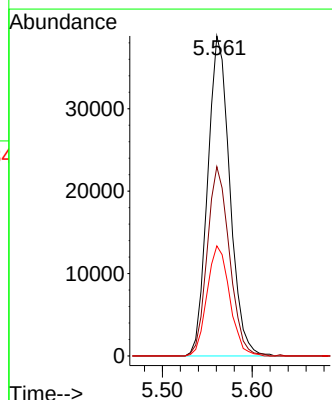
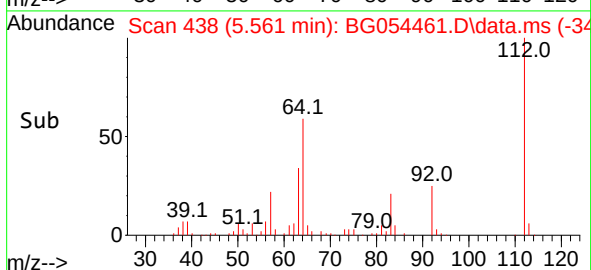
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

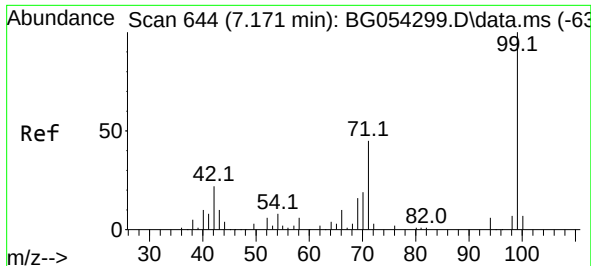


#5
2-Fluorophenol
Concen: 94.444 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33



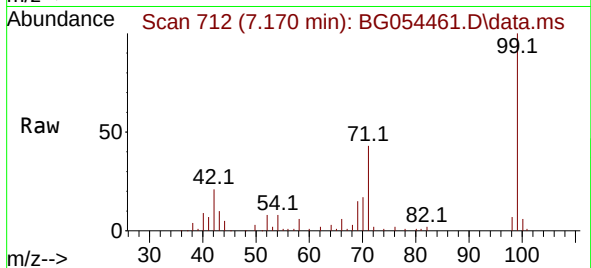
Tgt Ion:112 Resp: 66422
Ion Ratio Lower Upper
112 100
64 59.2 55.1 82.7
63 34.4 30.4 45.6





#7
Phenol-d6
Concen: 94.628 ng
RT: 7.170 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

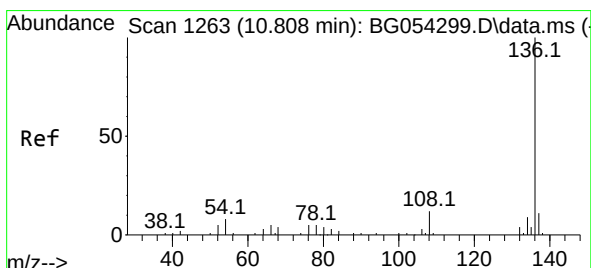
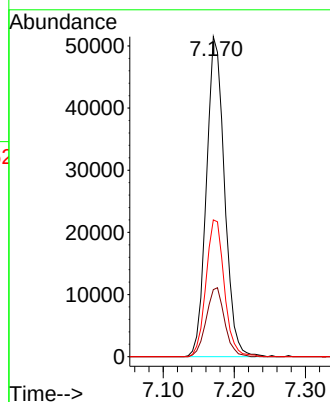
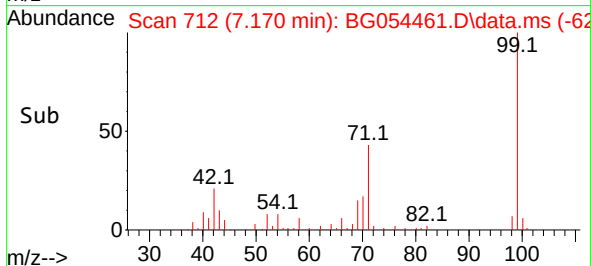
Instrument :
BNA_G
ClientSampleId :
RVE-69



Tgt Ion: 99 Resp: 91192
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.7 33.8 50.8

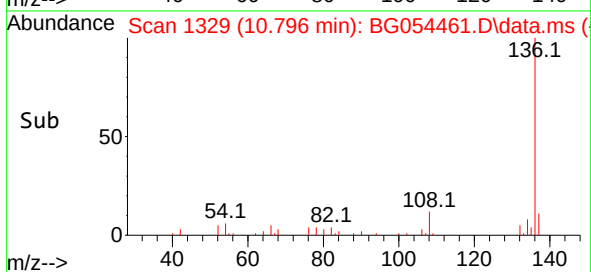
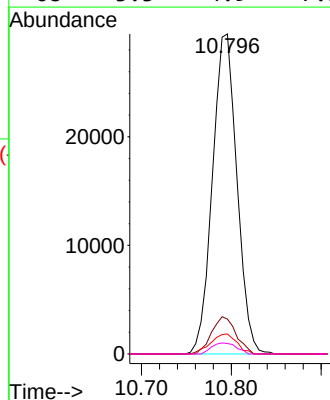
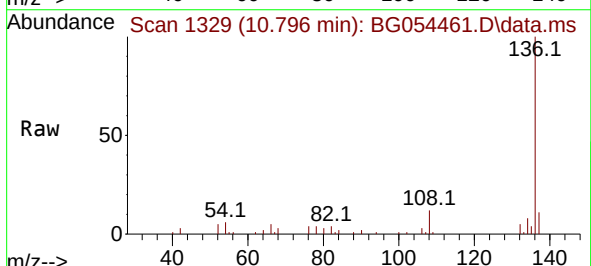
Manual Integrations
APPROVED

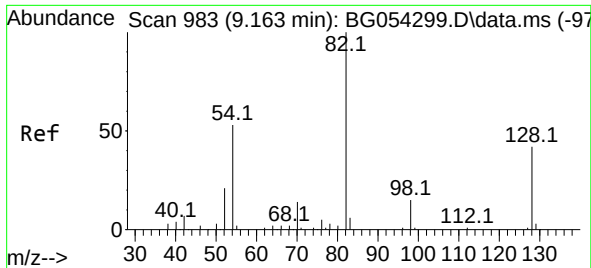
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

Tgt Ion:136 Resp: 55762
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.2 7.4 11.2#
68 3.3 4.9 7.3#





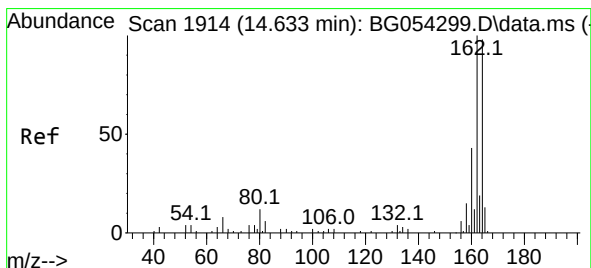
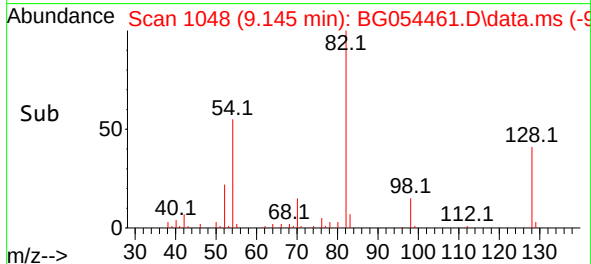
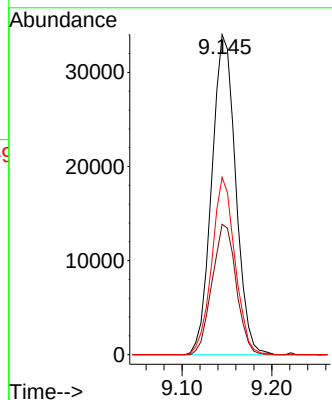
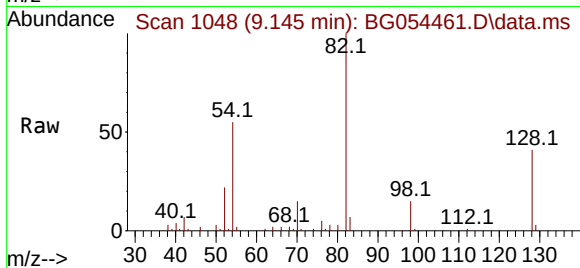
#23
Nitrobenzene-d5
Concen: 61.303 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

Instrument :
BNA_G
ClientSampleId :
RVE-69

Tgt Ion: 82 Resp: 62772
Ion Ratio Lower Upper
82 100
128 40.8 27.9 41.9
54 55.4 41.2 61.8

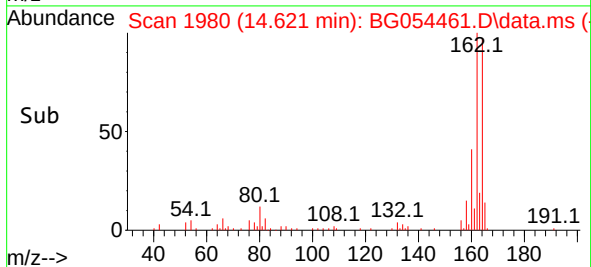
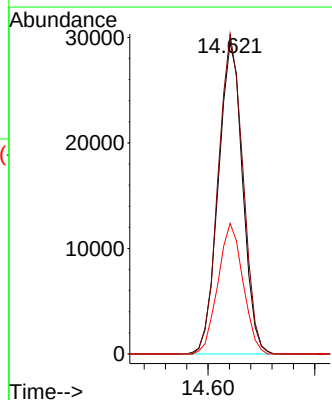
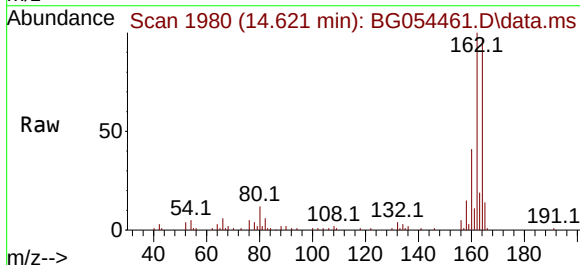
Manual Integrations
APPROVED

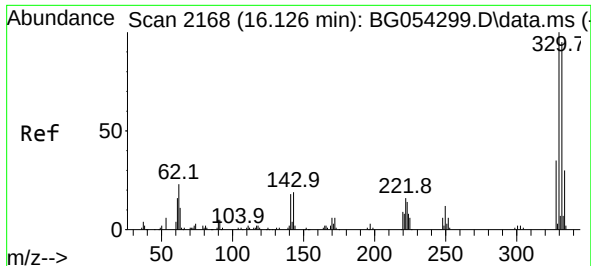
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

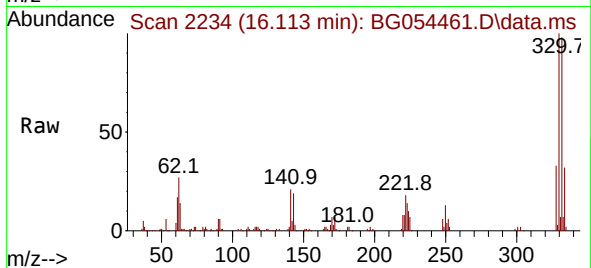
Tgt Ion:164 Resp: 46671
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 41.8 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 97.853 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

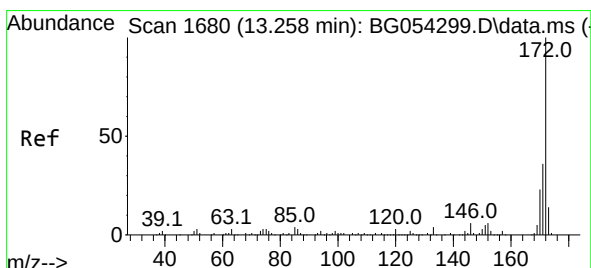
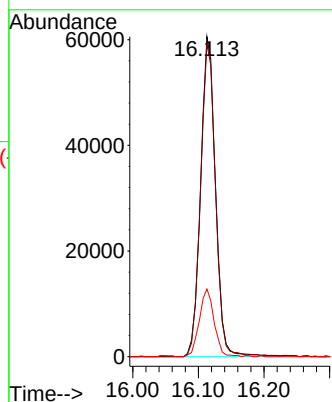
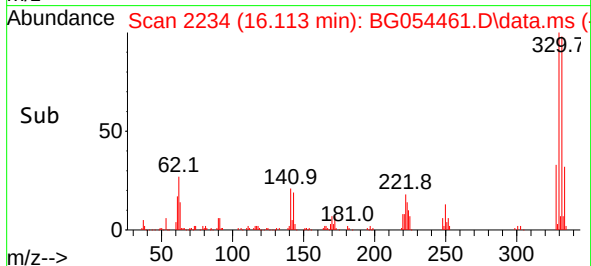
Instrument :
BNA_G
ClientSampleId :
RVE-69



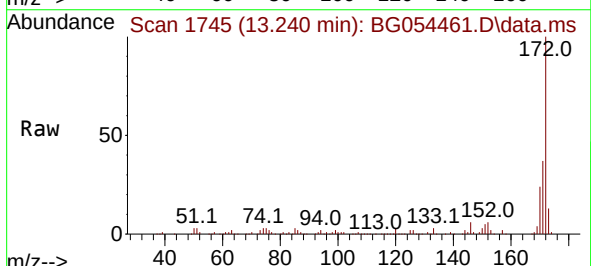
Tgt Ion:330 Resp: 9588
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 20.9 27.1 40.7

Manual Integrations
APPROVED

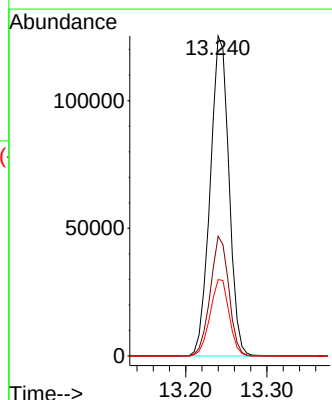
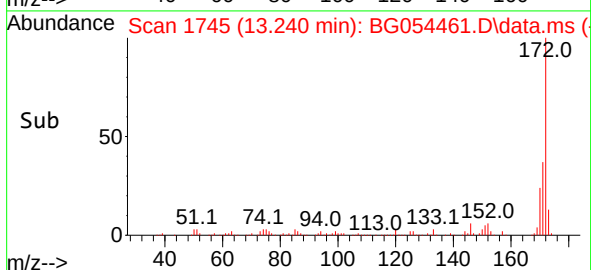
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

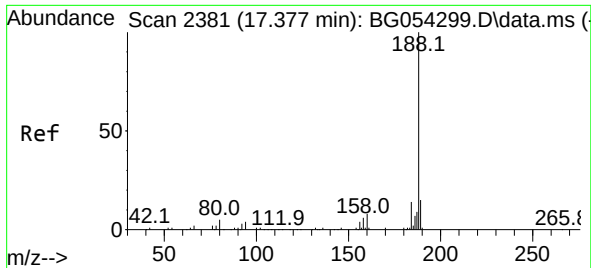


#45
2-Fluorobiphenyl
Concen: 60.696 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33



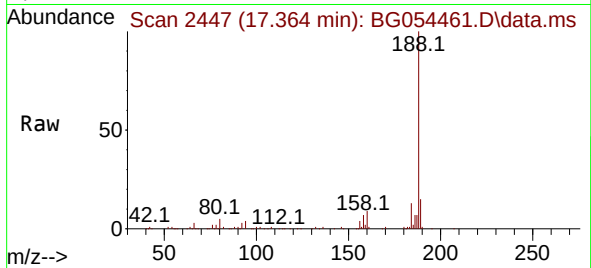
Tgt Ion:172 Resp: 200805
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 23.9 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

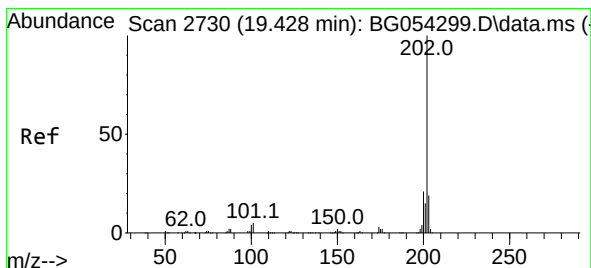
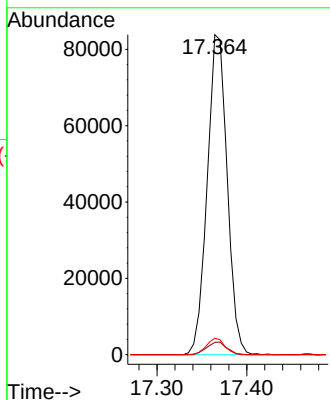
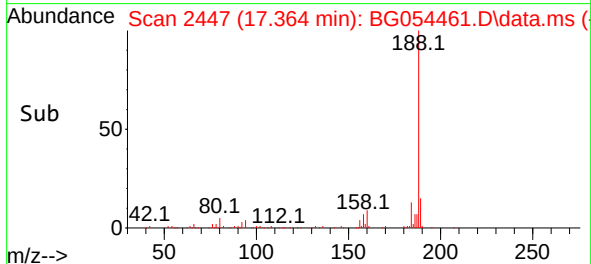
Instrument :
BNA_G
ClientSampleId :
RVE-69



Tgt Ion:188 Resp: 129478
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0
80 5.1 6.8 10.2

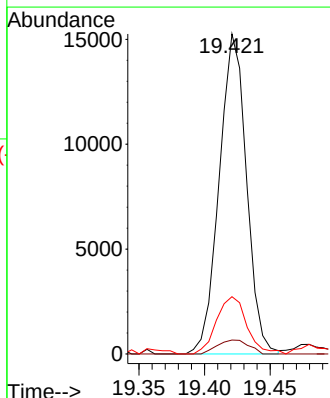
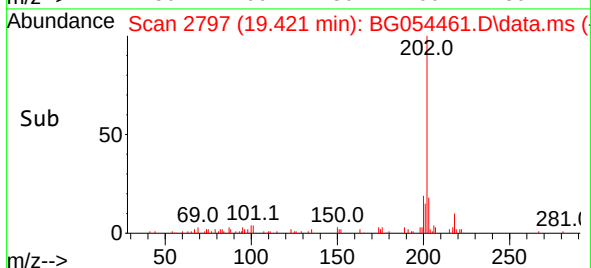
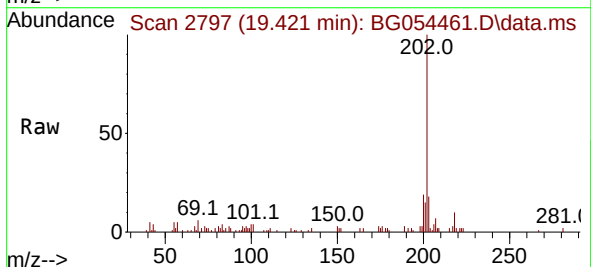
Manual Integrations
APPROVED

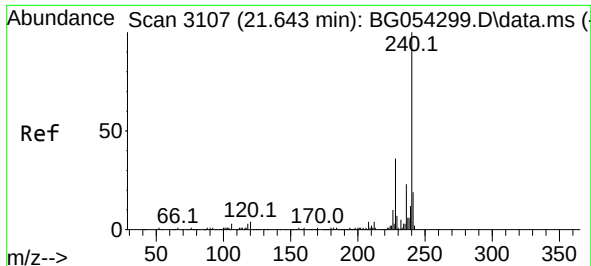
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#75
Fluoranthene
Concen: 2.507 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

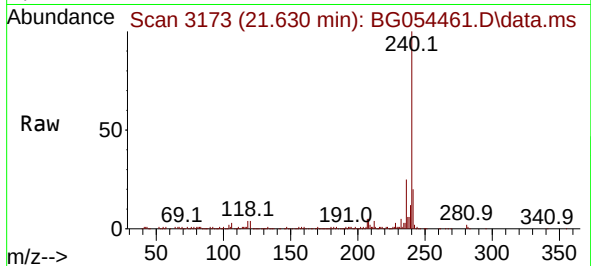
Tgt Ion:202 Resp: 22039
Ion Ratio Lower Upper
202 100
101 4.4 0.0 26.9
203 17.9 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3107
Delta R.T. -0.007 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33

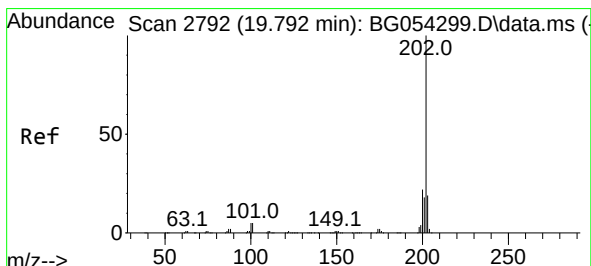
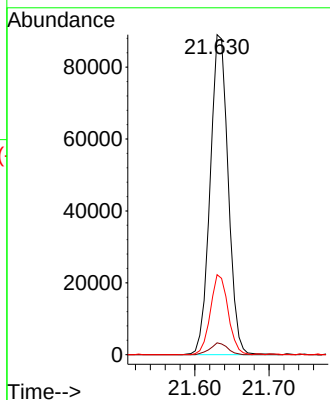
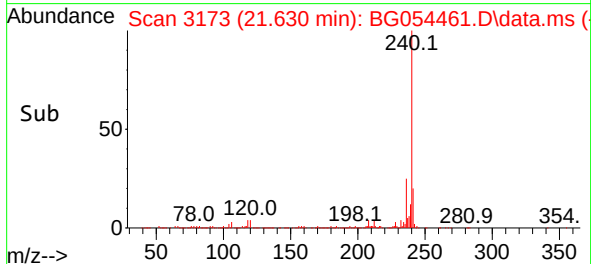
Instrument :
BNA_G
ClientSampleId :
RVE-69



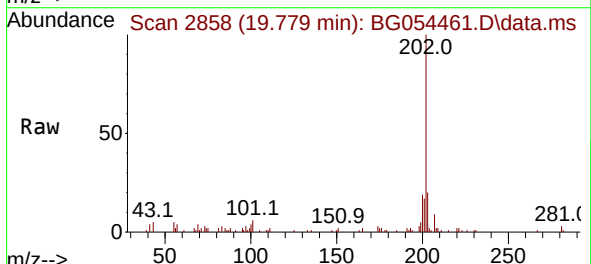
Tgt Ion:240 Resp: 150180
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0
236 25.0 20.2 30.4

Manual Integrations
APPROVED

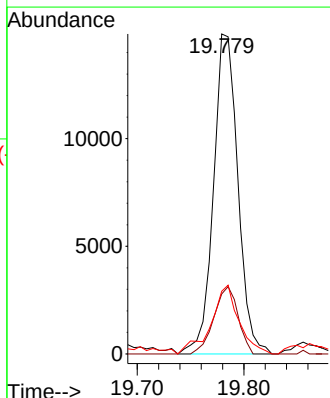
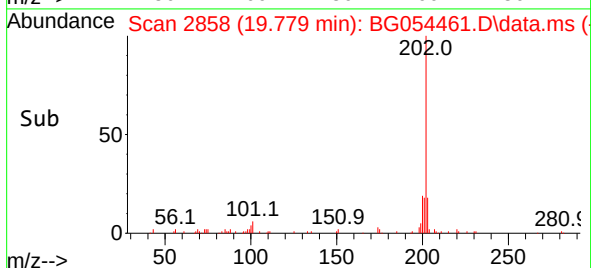
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

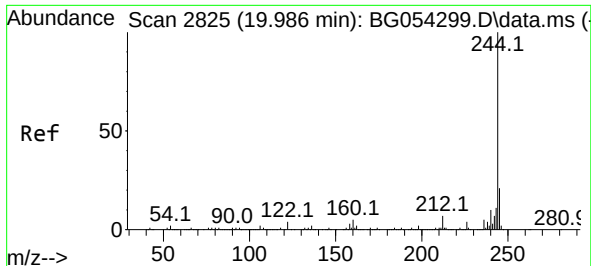


#78
Pyrene
Concen: 2.741 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG054461.D
Acq: 1 Aug 2022 12:33



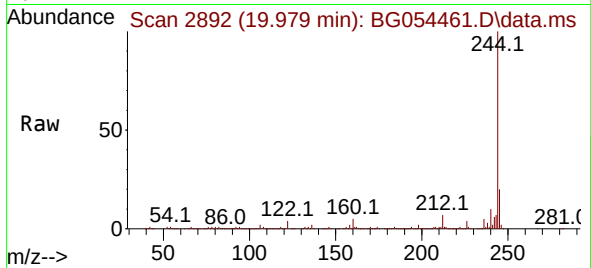
Tgt Ion:202 Resp: 23621
Ion Ratio Lower Upper
202 100
200 18.7 16.6 24.8
203 19.6 14.6 21.8





#79
 Terphenyl-d14
 Concen: 66.927 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054461.D
 Acq: 1 Aug 2022 12:33

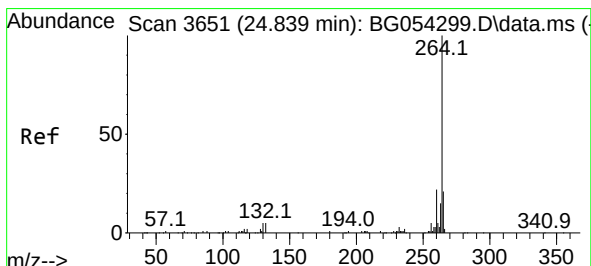
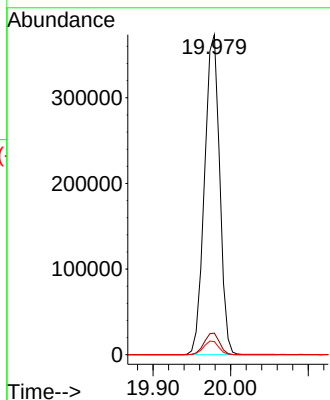
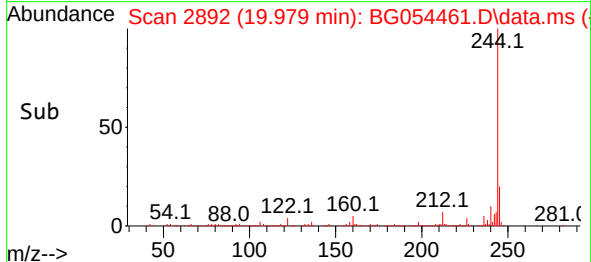
Instrument :
 BNA_G
 ClientSampleId :
 RVE-69



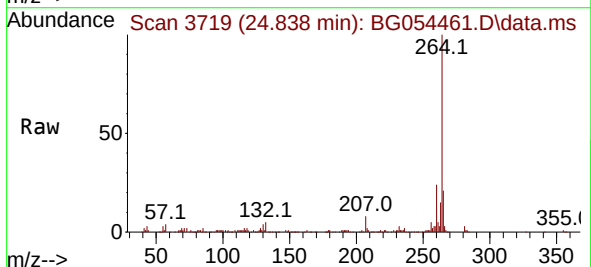
Tgt Ion:244 Resp: 50665
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 4.1 5.0 7.4

Manual Integrations
 APPROVED

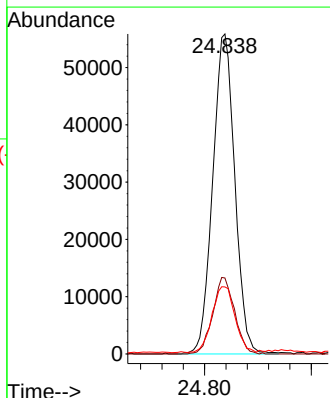
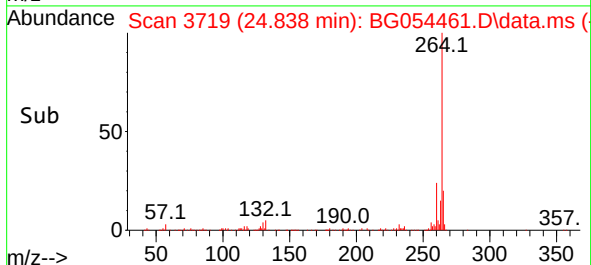
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

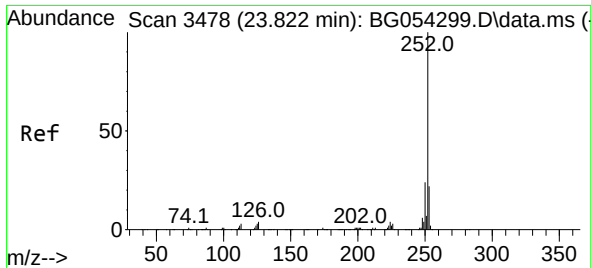


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.005 min
 Lab File: BG054461.D
 Acq: 1 Aug 2022 12:33



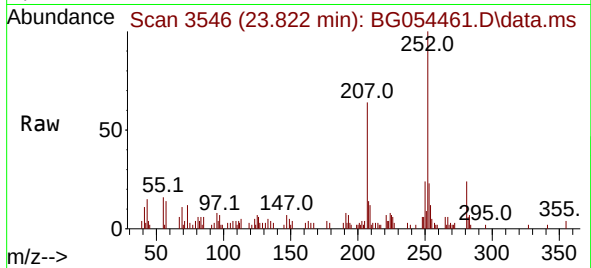
Tgt Ion:264 Resp: 160337
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.0 17.4 26.2





#88
 Benzo(b)fluoranthene
 Concen: 2.345 ng m
 RT: 23.822 min Scan# 3
 Delta R.T. -0.001 min
 Lab File: BG054461.D
 Acq: 1 Aug 2022 12:33

Instrument :
 BNA_G
 ClientSampleId :
 RVE-69



Tgt Ion:252 Resp: 22239
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.0 27.0
 125 6.7 4.6 6.8

Manual Integrations
 APPROVED

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

