

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053401.D
 Acq On : 2 May 2022 16:20
 Operator : CG/JU
 Sample : N2637-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 03 06:42:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	22889	20.000	ng	-0.01
21) Naphthalene-d8	10.915	136	91477	20.000	ng	0.00
39) Acenaphthene-d10	14.722	164	77262	20.000	ng	-0.01
64) Phenanthrene-d10	17.471	188	197211	20.000	ng	-0.01
76) Chrysene-d12	21.753	240	179949	20.000	ng	-0.01
86) Perylene-d12	25.043	264	172817	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	271	0.203	ng	0.00
7) Phenol-d6	7.267	99	18662	9.063	ng	0.00
23) Nitrobenzene-d5	9.264	82	126792	56.279	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.347	172	303828	54.225	ng	-0.01
79) Terphenyl-d14	20.073	244	601776	56.479	ng	-0.01
Target Compounds						
77) Benzidine	19.703	184	14090	2.744	ng	97
84) Bis(2-ethylhexyl)phtha...	21.653	149	243367	37.682	ng	# 57
85) Di-n-octyl phthalate	22.852	149	490382m	45.400	ng	

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

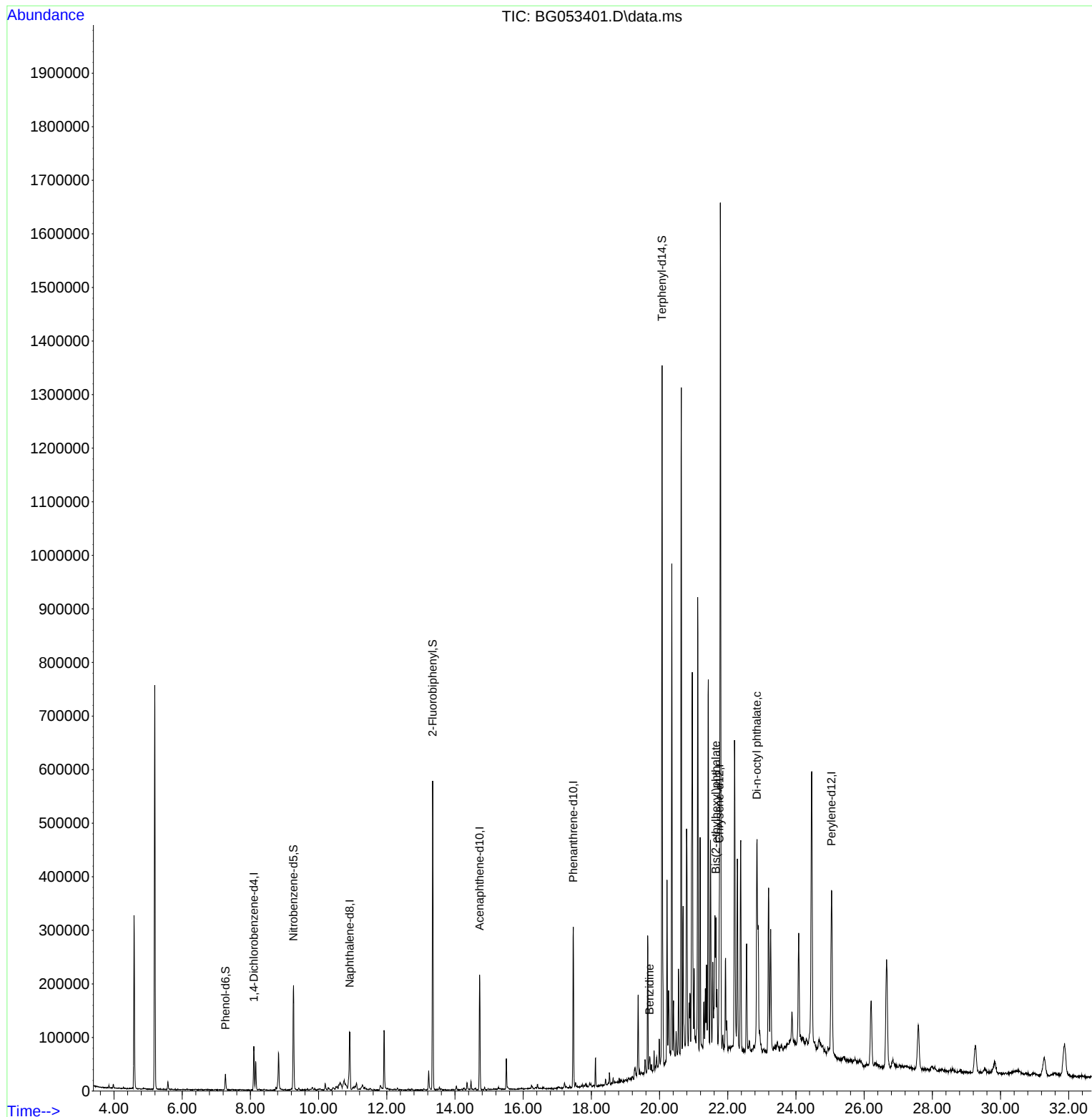
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
Data File : BG053401.D
Acq On : 2 May 2022 16:20
Operator : CG/JU
Sample : N2637-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

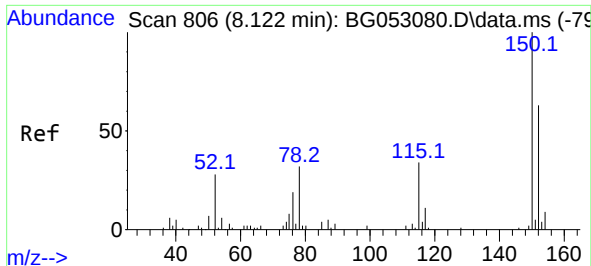
Instrument :
BNA_G
ClientSampleId :
DS-7

Quant Time: May 03 06:42:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022





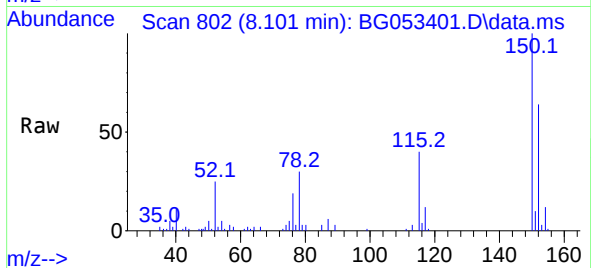
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

Instrument :

BNA_G

ClientSampleId :

DS-7

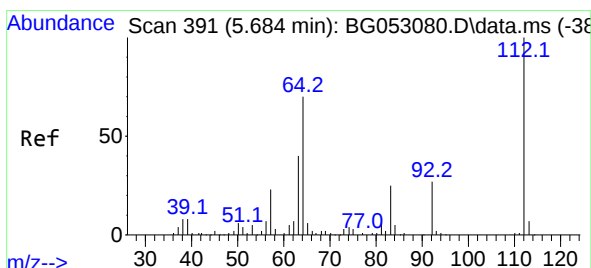
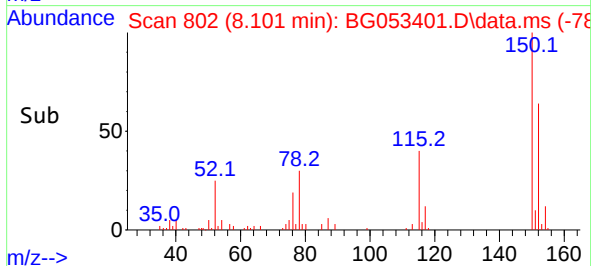
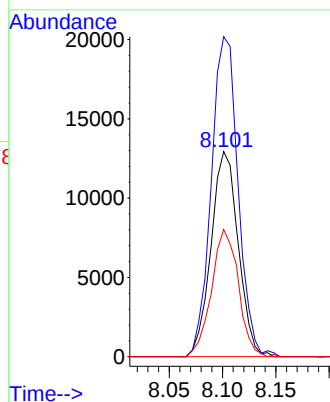


Tgt Ion:152 Resp: 22889
Ion Ratio Lower Upper
152 100
150 156.0 114.6 172.0
115 62.0 45.9 68.9

Manual Integrations

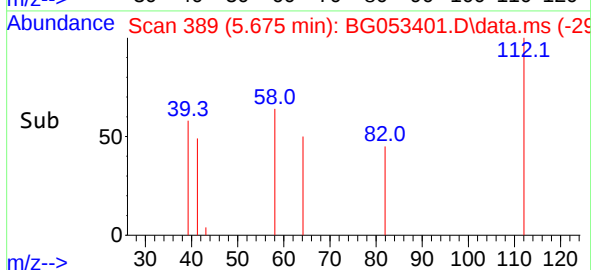
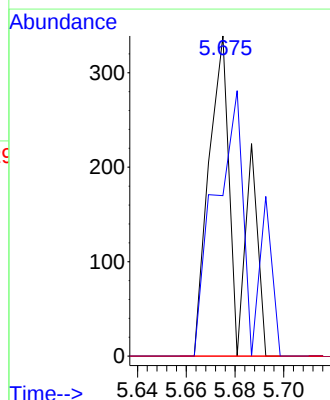
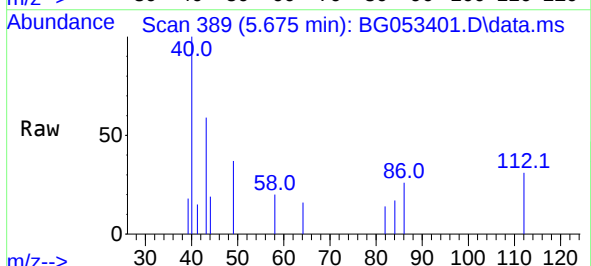
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#5
2-Fluorophenol
Concen: 0.203 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

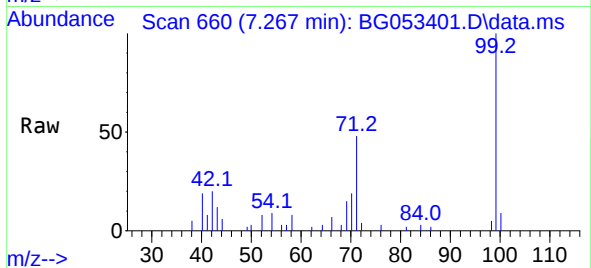
Tgt Ion:112 Resp: 271
Ion Ratio Lower Upper
112 100
64 50.1 48.0 72.0
63 0.0 26.5 39.7#





#7
Phenol-d6
Concen: 9.063 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

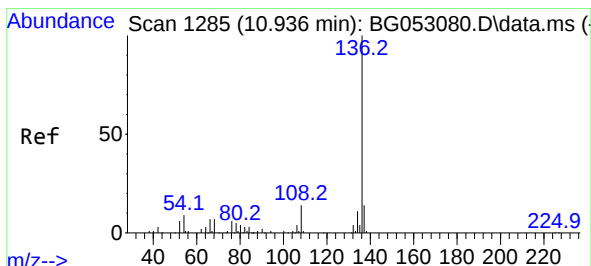
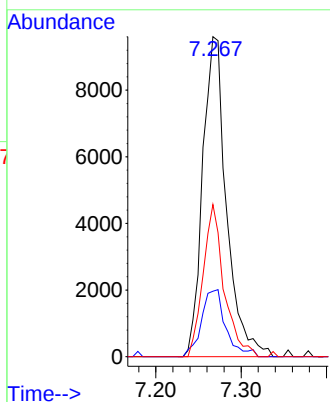
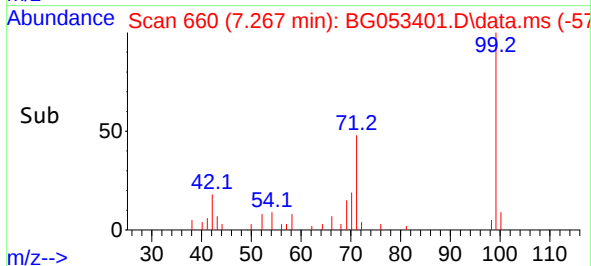
Instrument :
BNA_G
ClientSampleId :
DS-7



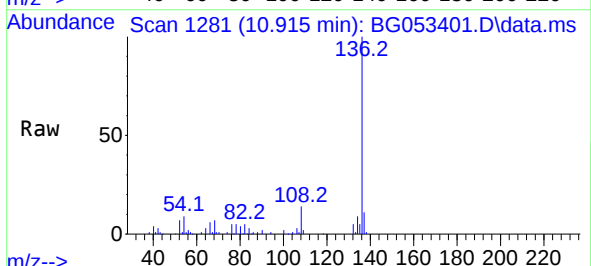
Tgt Ion: 99 Resp: 1866
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 47.6 29.2 43.8

Manual Integrations
APPROVED

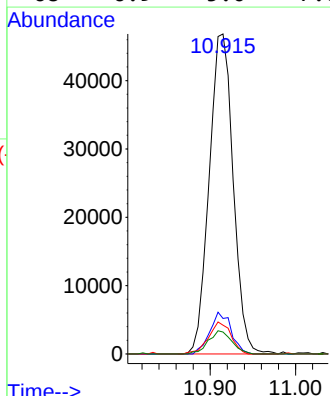
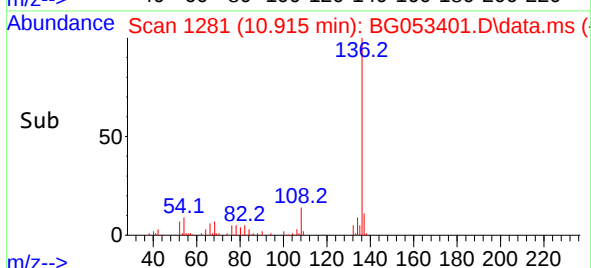
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

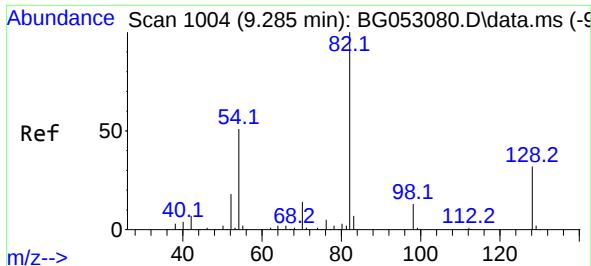


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20



Tgt Ion:136 Resp: 91477
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 9.0 6.4 9.6
68 6.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 56.279 ng

RT: 9.264 min Scan# 1000

Delta R.T. -0.012 min

Lab File: BG053401.D

Acq: 2 May 2022 16:20

Instrument :

BNA_G

ClientSampleId :

DS-7

Tgt Ion: 82 Resp: 126792

Ion Ratio Lower Upper

82 100

128 36.4 31.3 46.9

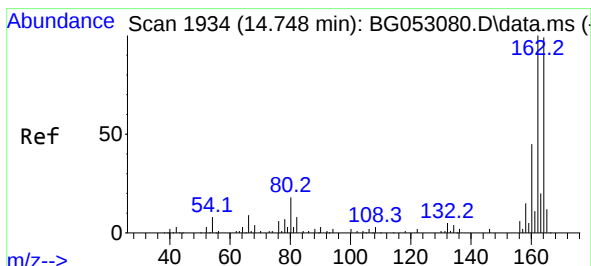
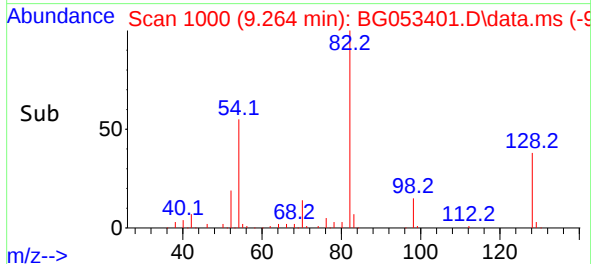
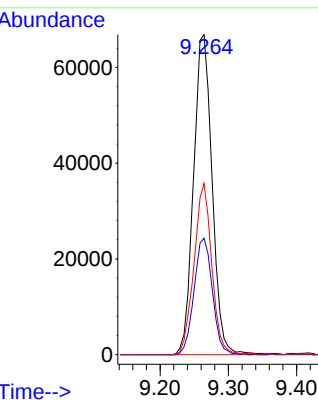
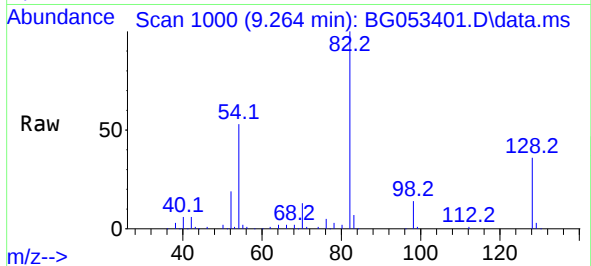
54 53.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1929

Delta R.T. -0.012 min

Lab File: BG053401.D

Acq: 2 May 2022 16:20

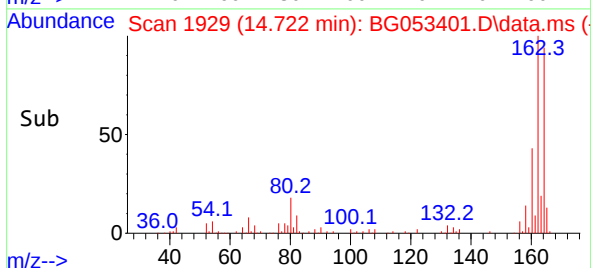
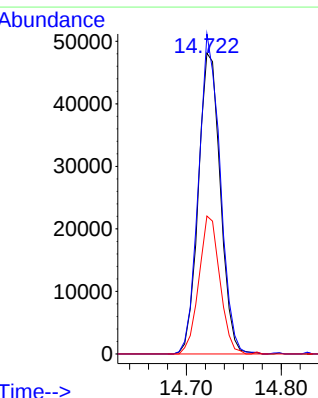
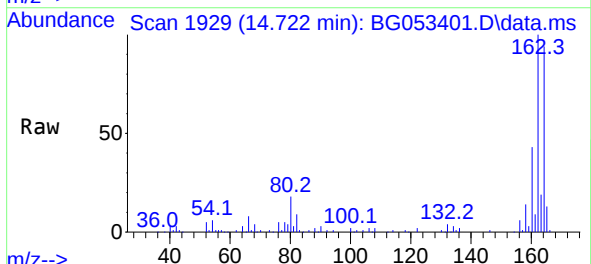
Tgt Ion:164 Resp: 77262

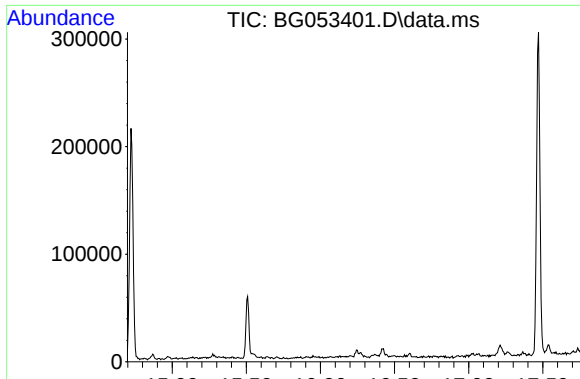
Ion Ratio Lower Upper

164 100

162 106.4 80.0 120.0

160 45.9 38.8 58.2





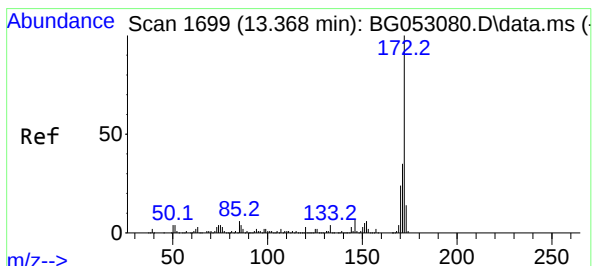
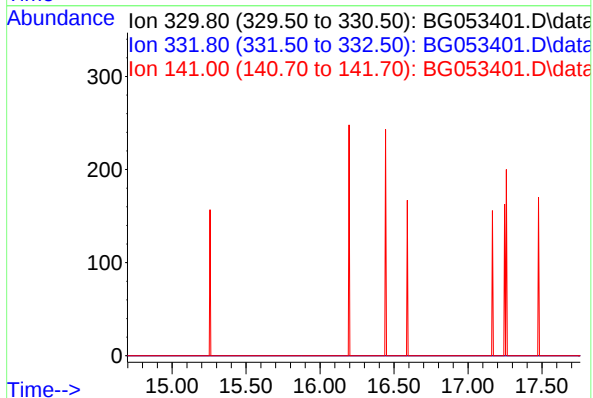
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.23 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

Instrument :
 BNA_G
 ClientSampleId :
 DS-7

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 94.7
 141 30.7

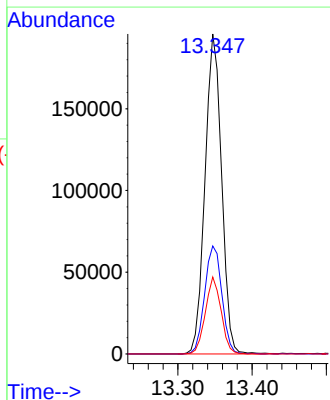
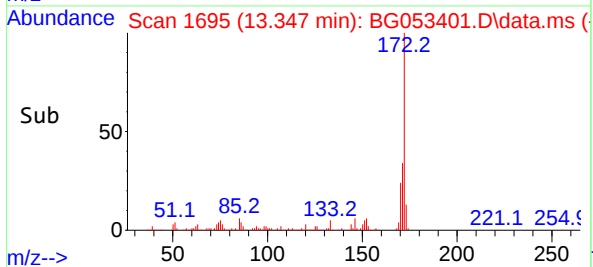
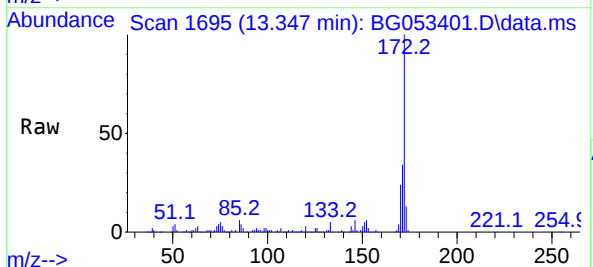
Manual Integrations APPROVED

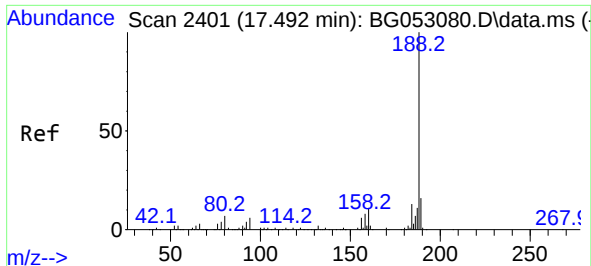
Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#45
 2-Fluorobiphenyl
 Concen: 54.225 ng
 RT: 13.347 min Scan# 1695
 Delta R.T. -0.012 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

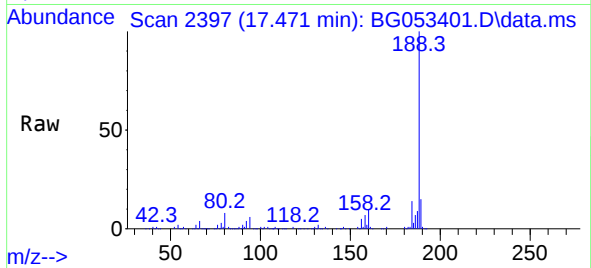
Tgt Ion:172 Resp: 303828
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.3 42.5
 170 24.0 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

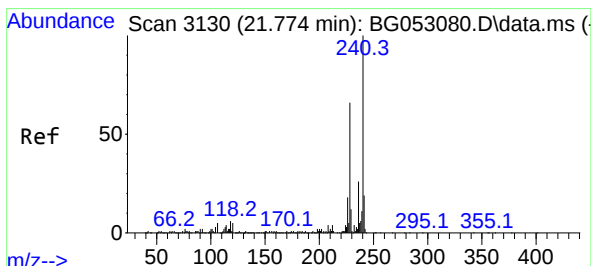
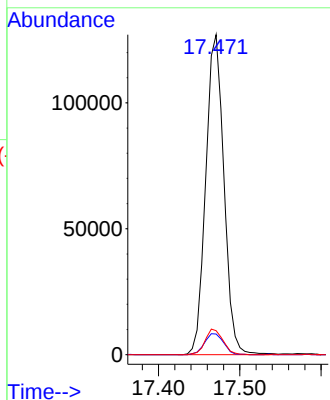
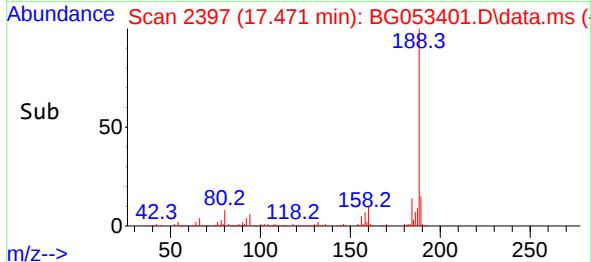
Instrument :
BNA_G
ClientSampleId :
DS-7



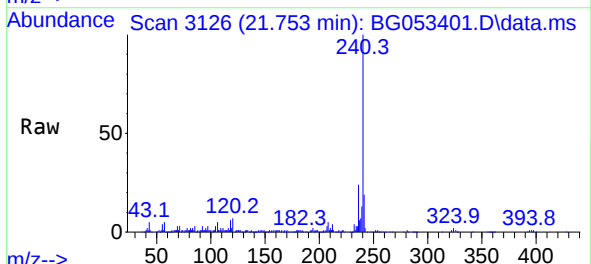
Tgt Ion:188 Resp: 19721
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.5 7.2 10.8

Manual Integrations
APPROVED

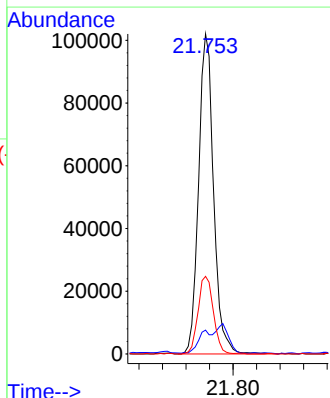
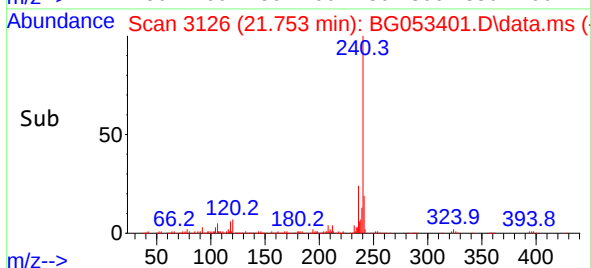
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

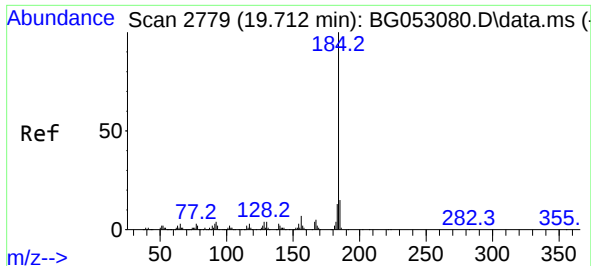


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20



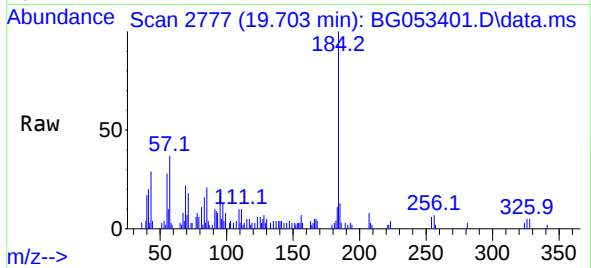
Tgt Ion:240 Resp: 179949
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.0
236 24.2 19.8 29.6





#77
Benzidine
Concen: 2.744 ng
RT: 19.703 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

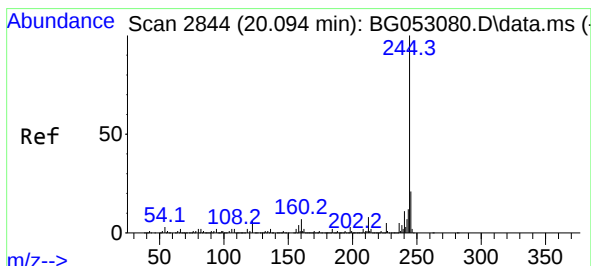
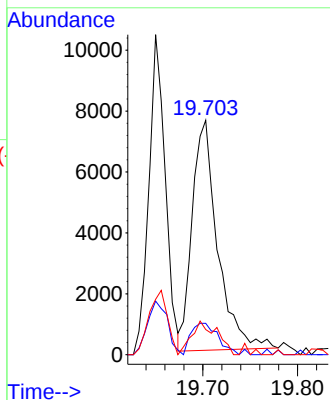
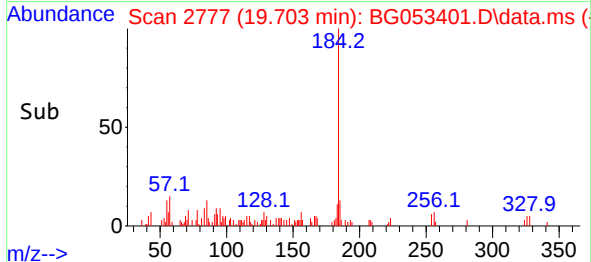
Instrument :
BNA_G
ClientSampleId :
DS-7



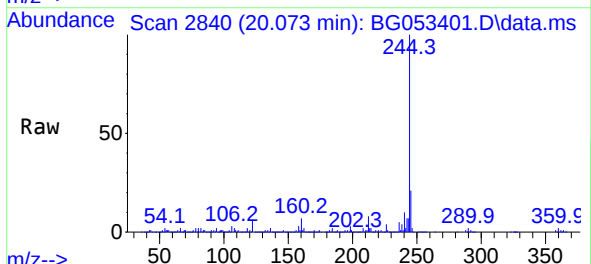
Tgt Ion:184 Resp: 14090
Ion Ratio Lower Upper
184 100
185 13.4 11.5 17.3
183 10.7 9.4 14.2

Manual Integrations
APPROVED

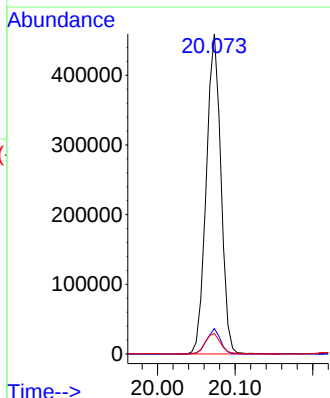
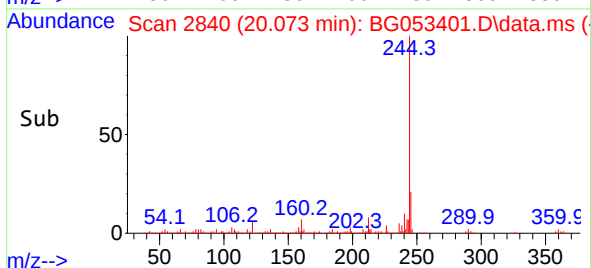
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

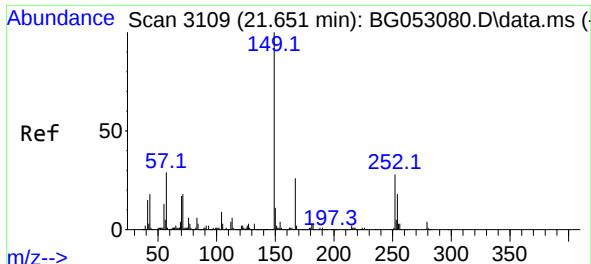


#79
Terphenyl-d14
Concen: 56.479 ng
RT: 20.073 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20



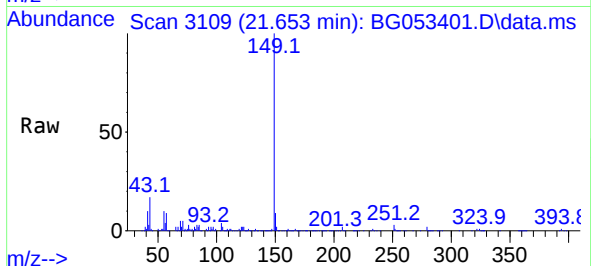
Tgt Ion:244 Resp: 601776
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.4 5.8 8.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 37.682 ng
RT: 21.653 min Scan# 3109
Delta R.T. 0.017 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

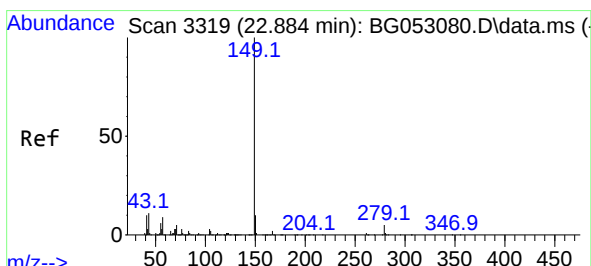
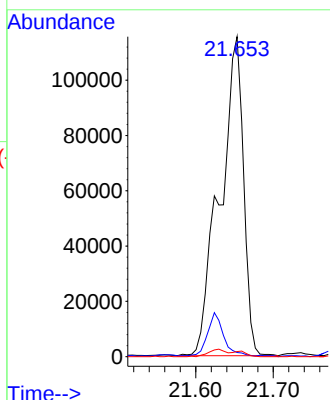
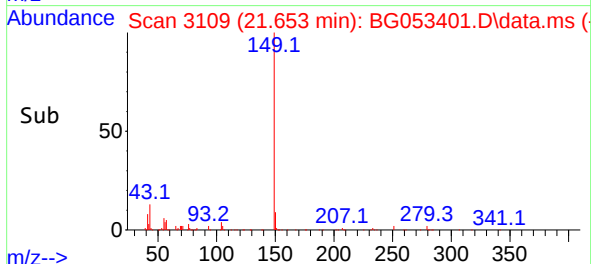
Instrument :
BNA_G
ClientSampleId :
DS-7



Tgt Ion:149 Resp: 24336
Ion Ratio Lower Upper
149 100
167 1.3 21.4 32.2
279 1.6 3.8 5.8

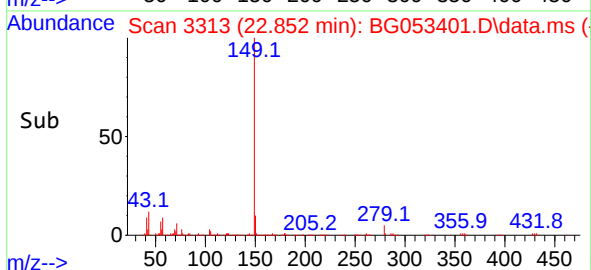
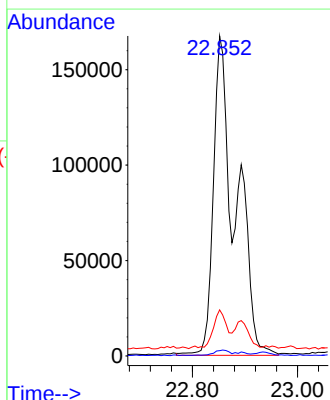
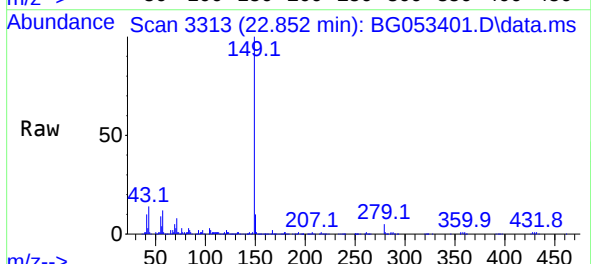
Manual Integrations
APPROVED

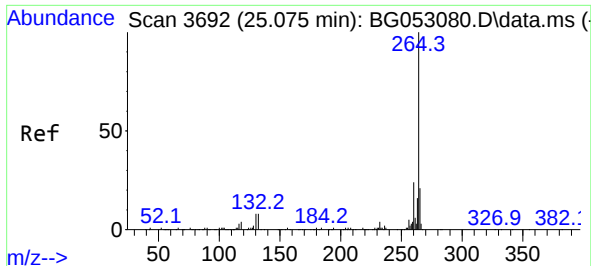
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#85
Di-n-octyl phthalate
Concen: 45.400 ng m
RT: 22.852 min Scan# 3313
Delta R.T. -0.018 min
Lab File: BG053401.D
Acq: 2 May 2022 16:20

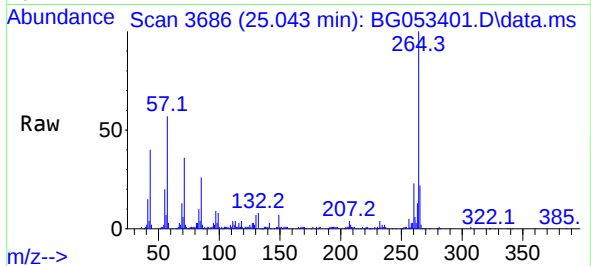
Tgt Ion:149 Resp: 490382
Ion Ratio Lower Upper
149 100
167 1.1 1.2 1.8#
43 7.6 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.043 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BG053401.D
 Acq: 2 May 2022 16:20

Instrument :
 BNA_G
 ClientSampleId :
 DS-7



Tgt Ion:264 Resp: 17281

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.5	15.1	22.7

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022

