

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054608.D
 Acq On : 11 Aug 2022 17:10
 Operator : CG/JU
 Sample : N4017-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB04

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 06:04:44 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	7.971	152	16639	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	66221	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	52789	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	136677	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	153184	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	159614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	103617	130.020	ng	0.00
7) Phenol-d6	7.171	99	138562	126.889	ng	0.00
23) Nitrobenzene-d5	9.134	82	90785	74.657	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	118012	106.473	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	279474	74.685	ng	0.00
79) Terphenyl-d14	19.968	244	623542	80.752	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.496	149	7917	2.043	ng	# 98
88) Benzo(b)fluoranthene	23.817	252	20657m	2.188	ng	

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

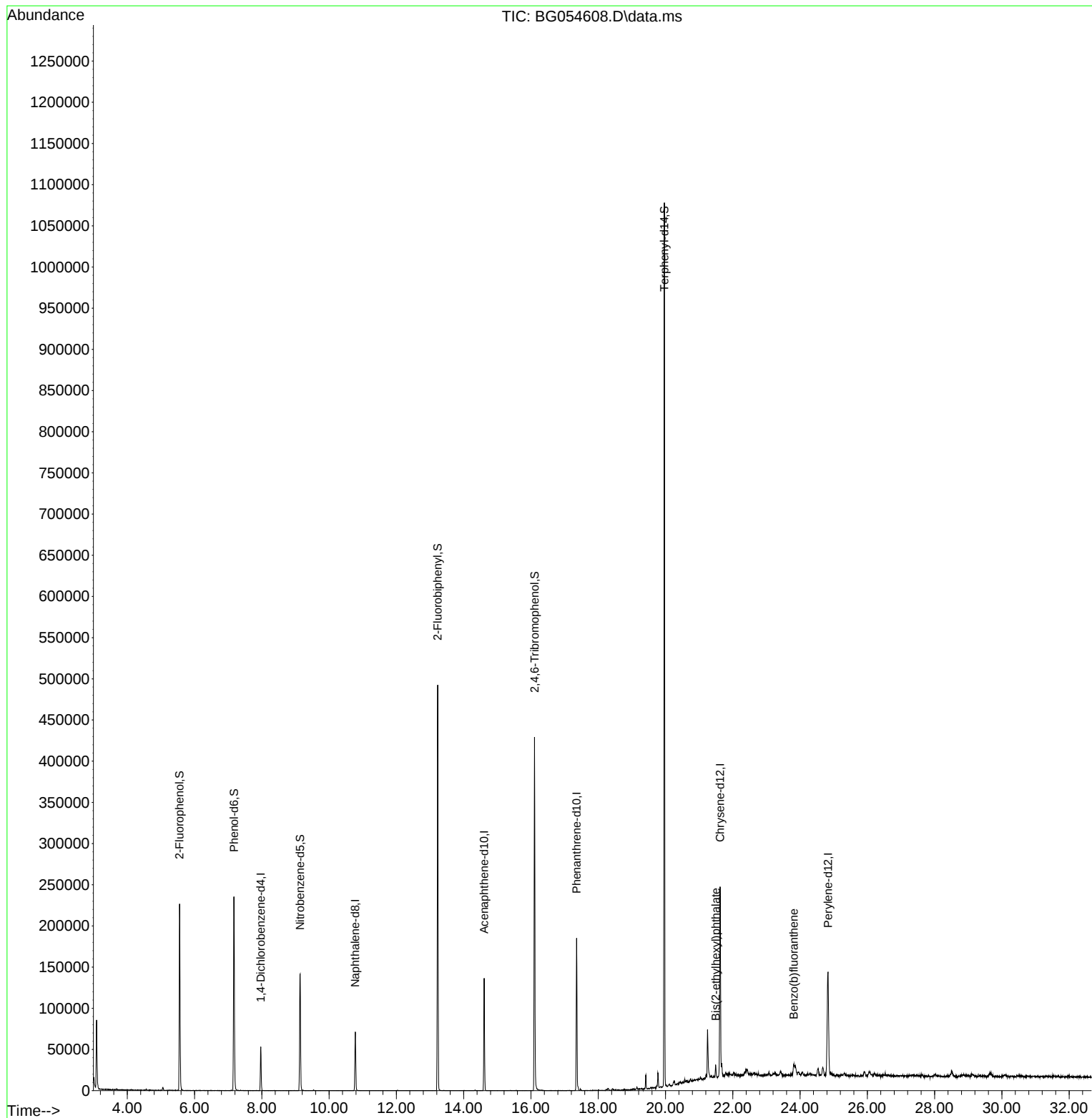
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
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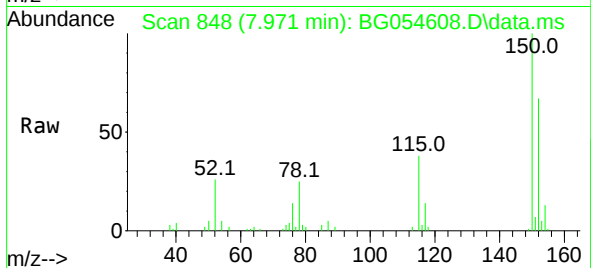
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

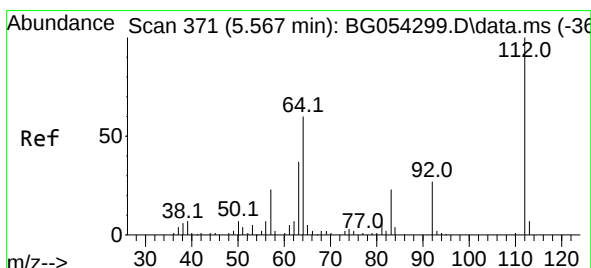
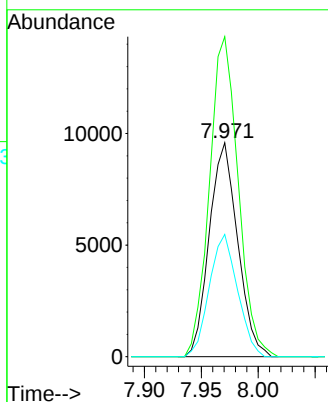
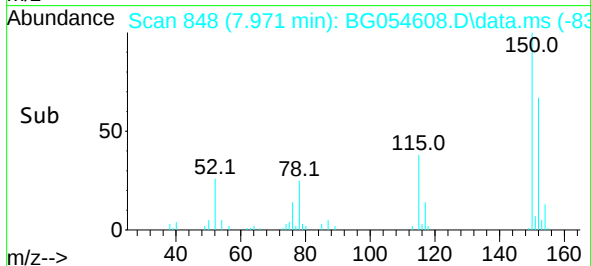
Instrument :
BNA_G
ClientSampleId :
SB04



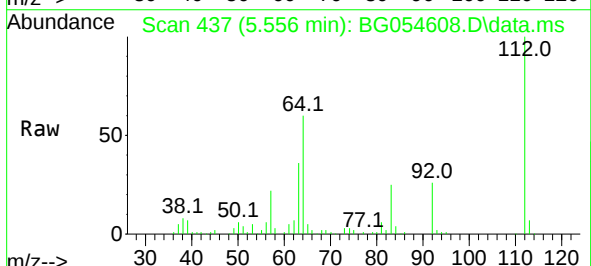
Tgt Ion:152 Resp: 16639
Ion Ratio Lower Upper
152 100
150 149.6 131.6 197.4
115 57.2 50.9 76.3

Manual Integrations
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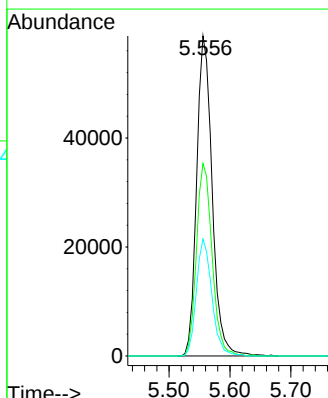
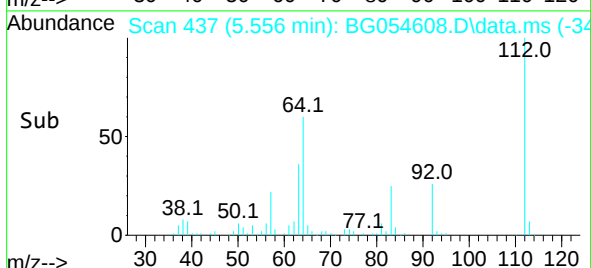
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

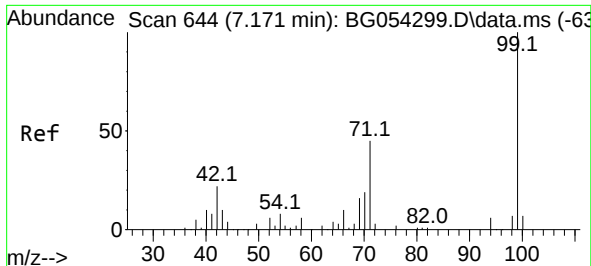


#5
2-Fluorophenol
Concen: 130.020 ng
RT: 5.556 min Scan# 437
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10



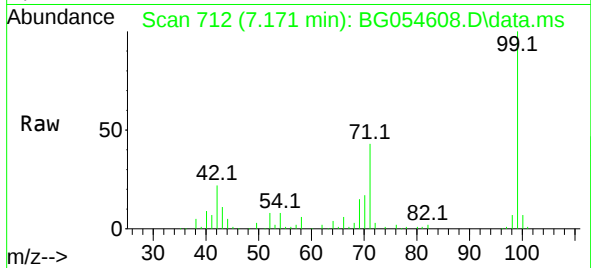
Tgt Ion:112 Resp: 103617
Ion Ratio Lower Upper
112 100
64 60.1 55.1 82.7
63 36.5 30.4 45.6





#7
Phenol-d6
Concen: 126.889 ng
RT: 7.171 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

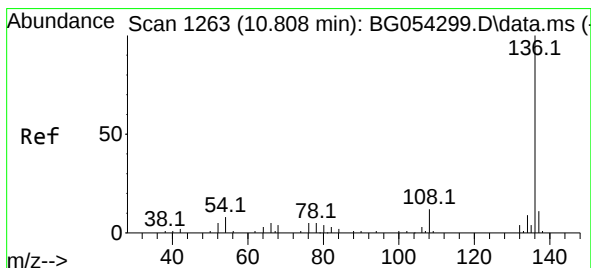
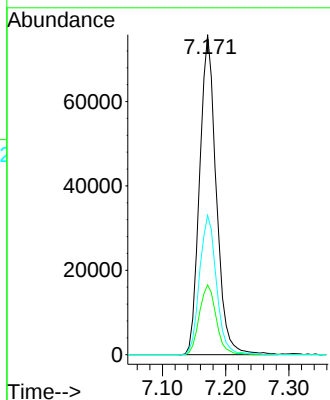
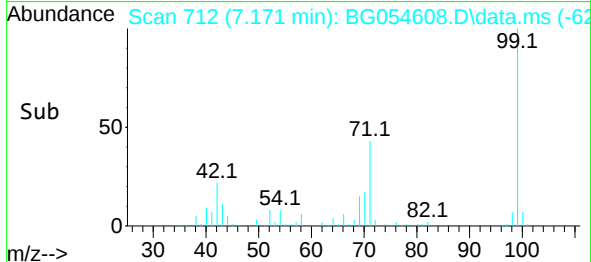
Instrument :
BNA_G
ClientSampleId :
SB04



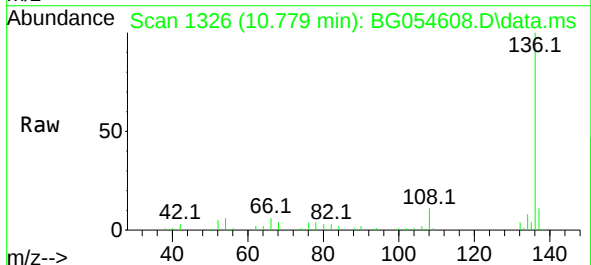
Tgt Ion: 99 Resp: 13856
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 43.5 33.8 50.8

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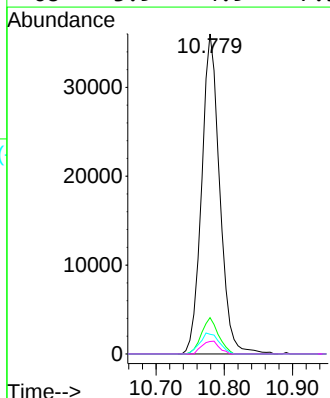
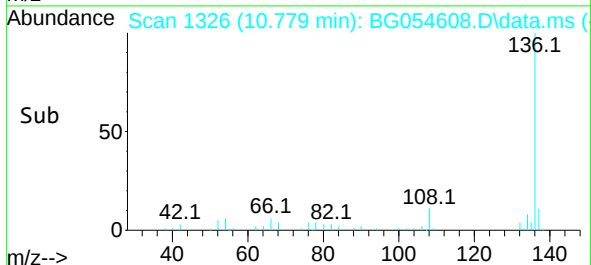
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10



Tgt Ion:136 Resp: 66221
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 6.2 7.4 11.2#
68 3.9 4.9 7.3#





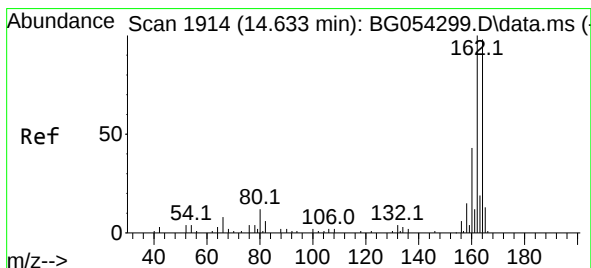
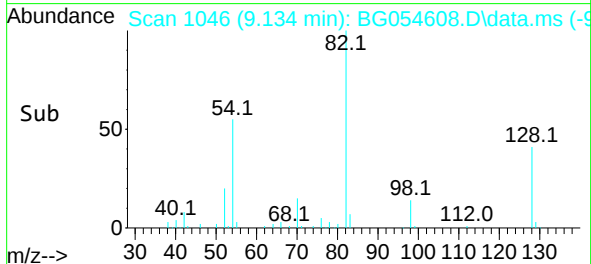
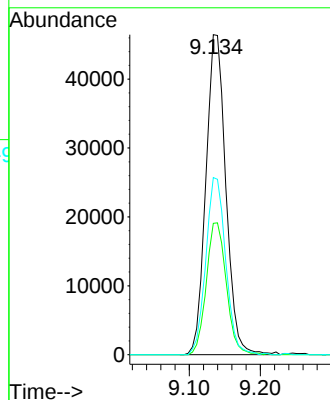
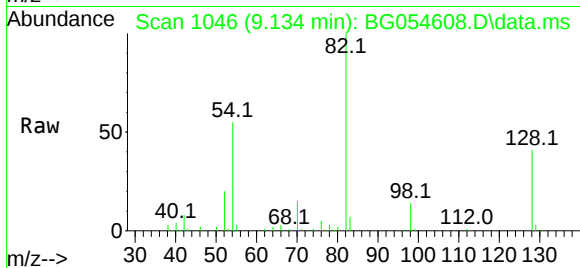
#23
Nitrobenzene-d5
Concen: 74.657 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

Instrument :
BNA_G
ClientSampleId :
SB04

Tgt Ion: 82 Resp: 90789
Ion Ratio Lower Upper
82 100
128 41.1 27.9 41.9
54 55.4 41.2 61.8

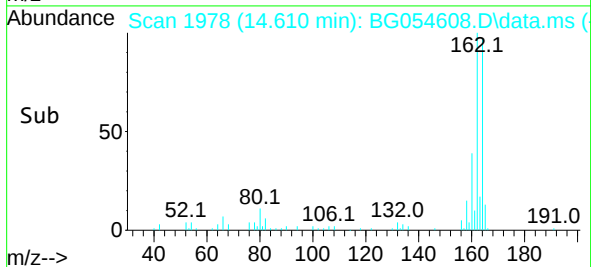
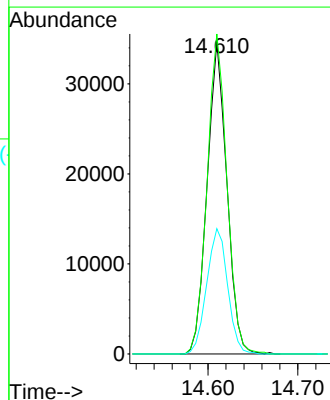
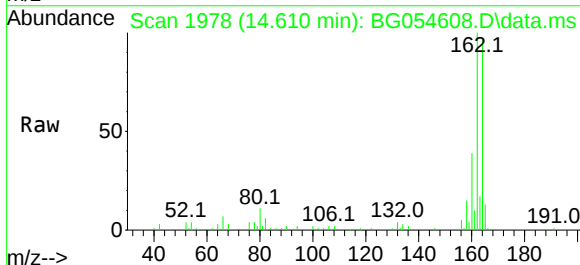
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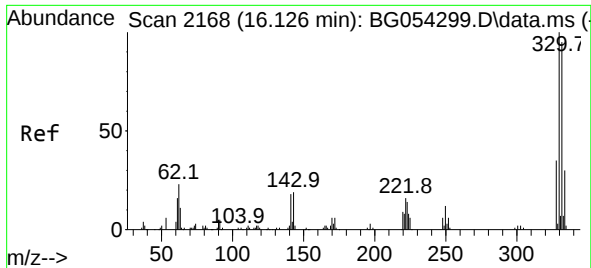
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1978
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

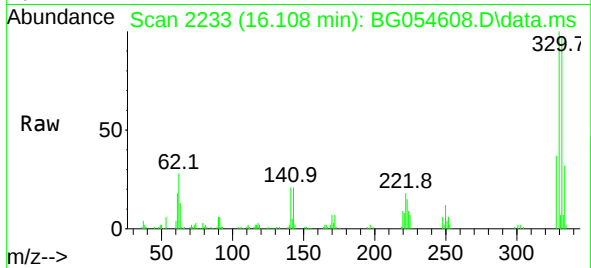
Tgt Ion:164 Resp: 52789
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 40.2 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 106.473 ng
RT: 16.108 min Scan# 2168
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

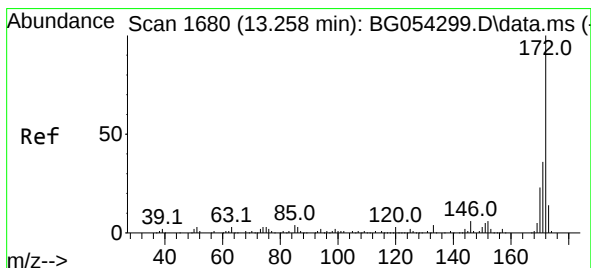
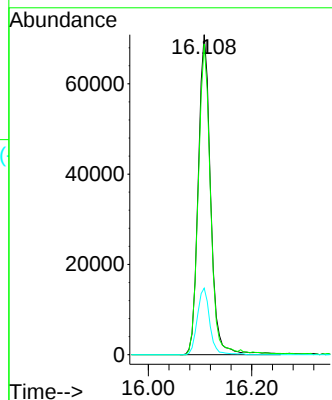
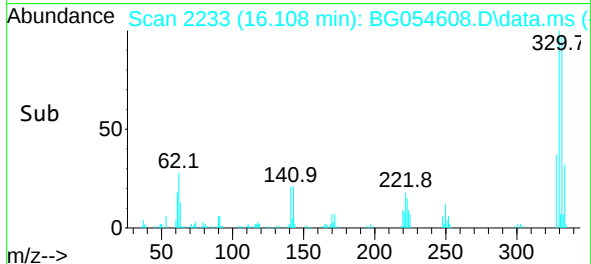
Instrument :
BNA_G
ClientSampleId :
SB04



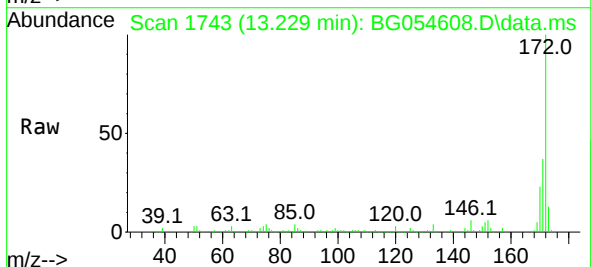
Tgt Ion:330 Resp: 118012
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 20.8 27.1 40.7

Manual Integrations
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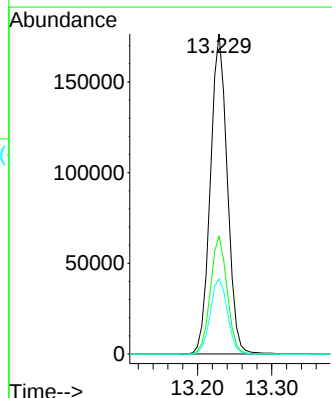
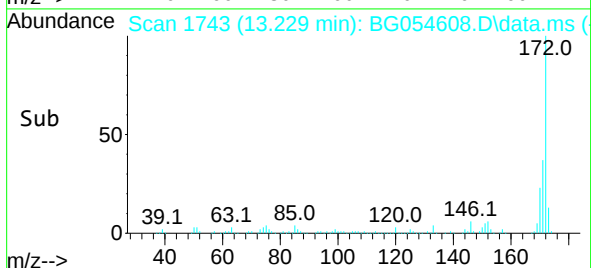
Reviewed By :Christian Giraldo 08/12/2022
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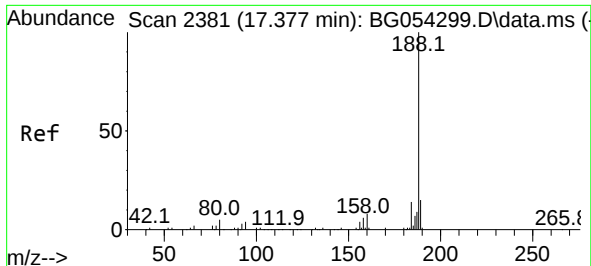


#45
2-Fluorobiphenyl
Concen: 74.685 ng
RT: 13.229 min Scan# 1743
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10



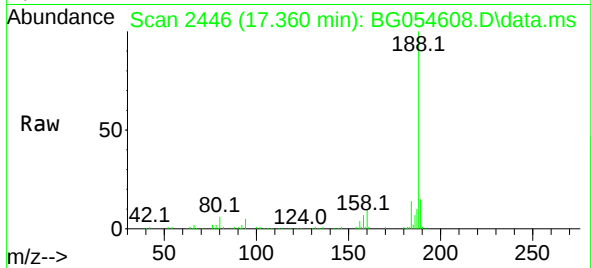
Tgt Ion:172 Resp: 279474
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

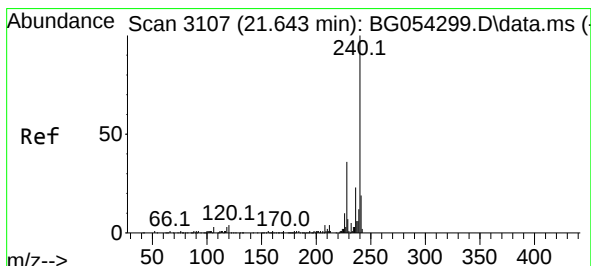
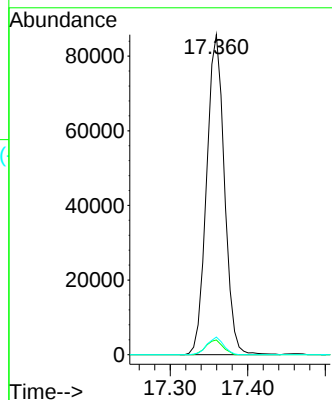
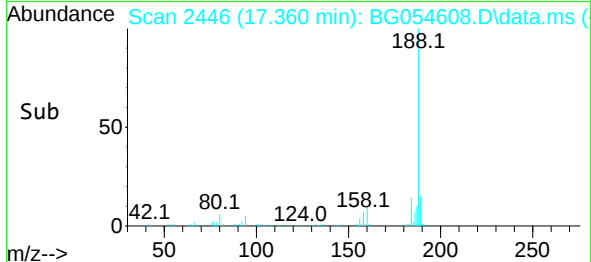
Instrument :
BNA_G
ClientSampleId :
SB04



Tgt Ion:188 Resp: 136672
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0
80 5.5 6.8 10.2

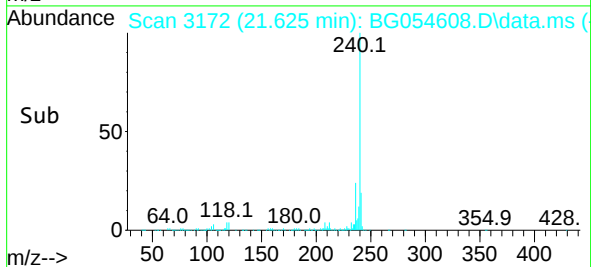
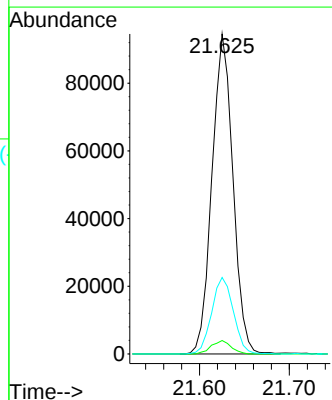
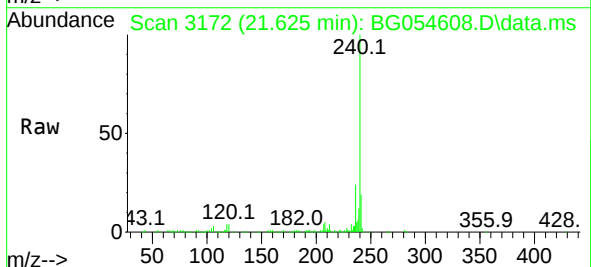
Manual Integrations
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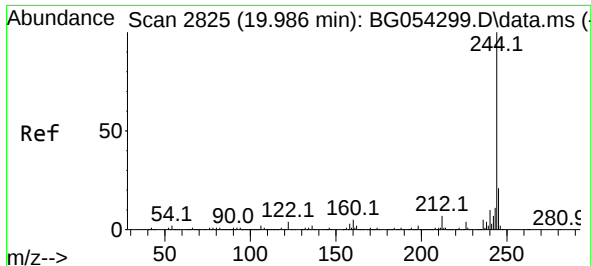
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

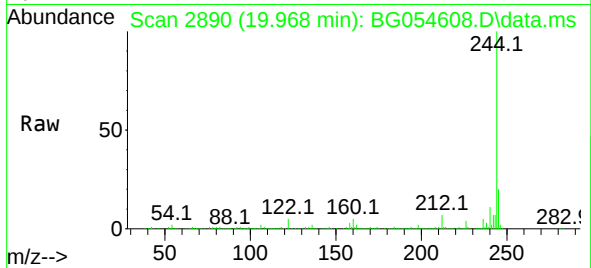
Tgt Ion:240 Resp: 153184
Ion Ratio Lower Upper
240 100
120 4.2 4.6 7.0
236 23.9 20.2 30.4





#79
 Terphenyl-d14
 Concen: 80.752 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054608.D
 Acq: 11 Aug 2022 17:10

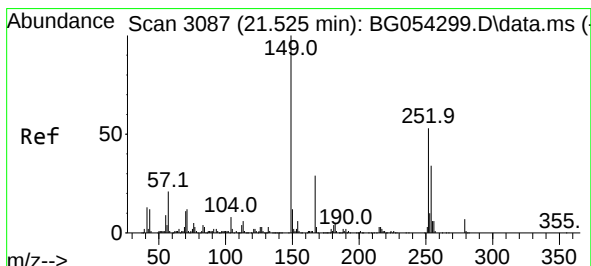
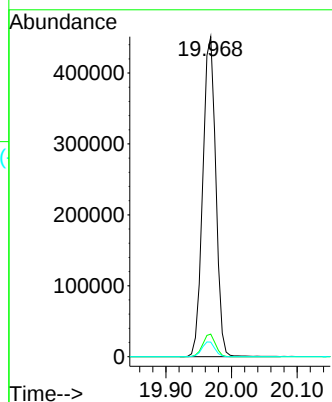
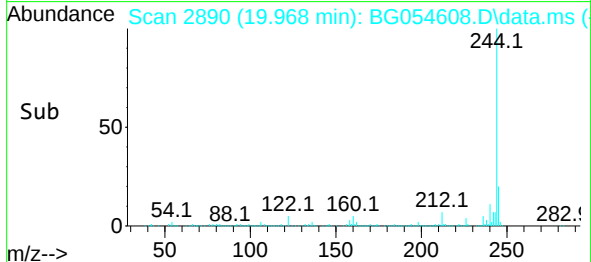
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 BNA_G
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Tgt Ion:244 Resp: 62354
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.6 5.0 7.4

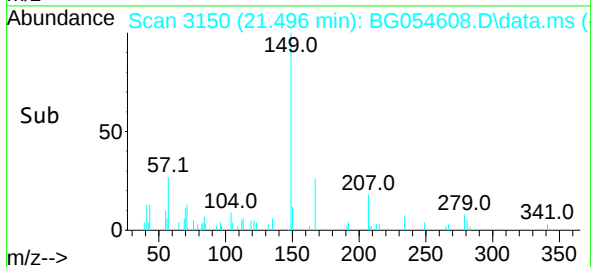
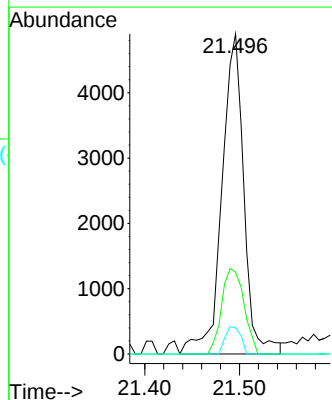
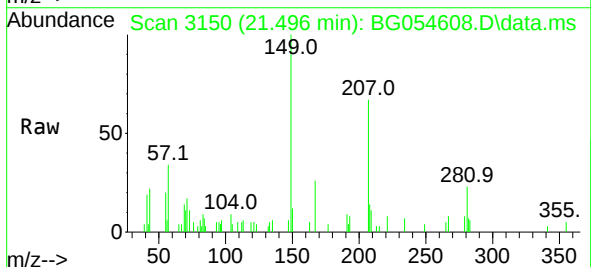
Manual Integrations
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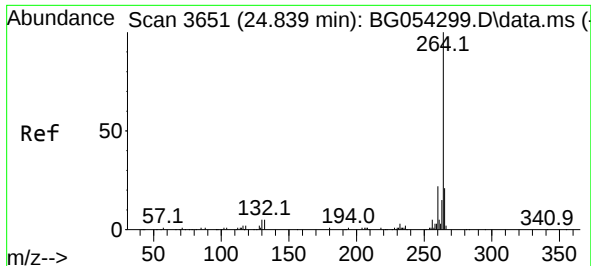
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.043 ng
 RT: 21.496 min Scan# 3150
 Delta R.T. -0.002 min
 Lab File: BG054608.D
 Acq: 11 Aug 2022 17:10

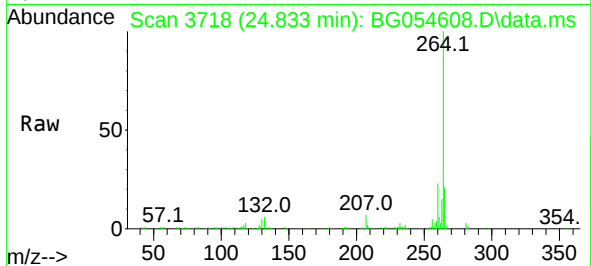
Tgt Ion:149 Resp: 7917
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 8.1 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.833 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10

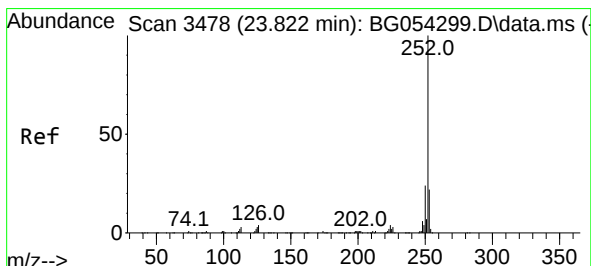
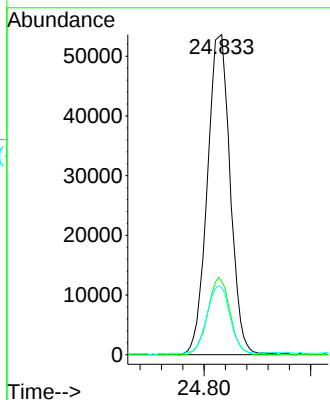
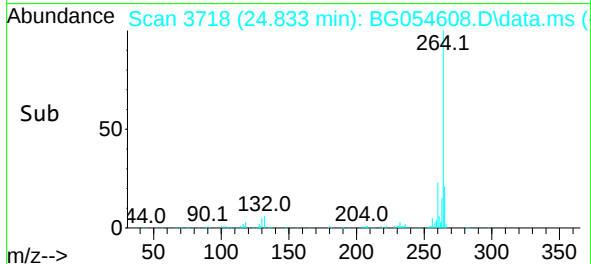
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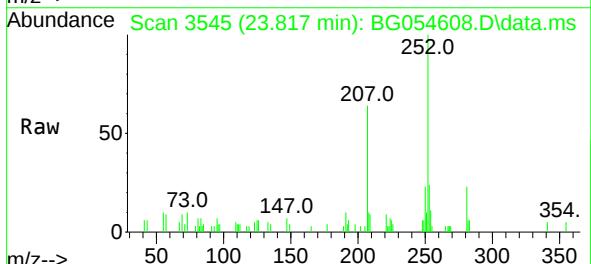
Tgt Ion:264 Resp: 159614
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.0 17.4 26.2

Manual Integrations
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Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#88
Benzo(b)fluoranthene
Concen: 2.188 ng m
RT: 23.817 min Scan# 3545
Delta R.T. -0.002 min
Lab File: BG054608.D
Acq: 11 Aug 2022 17:10



Tgt Ion:252 Resp: 20657
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 5.7 4.6 6.8

