

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054449.D
 Acq On : 29 Jul 2022 14:47
 Operator : CG/JU
 Sample : N3893-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-3

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo 08/01/2022
 Supervised By :Jaagrut
 Upadhyay 08/01/2022

Quant Time: Jul 30 03:18:08 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	7.987	152	17079	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	67634	20.000	ng	# 0.00
39) Acenaphthene-d10	14.620	164	53279	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	127323	20.000	ng	# 0.00
76) Chrysene-d12	21.635	240	142947	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	152400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	100135	122.414	ng	0.00
7) Phenol-d6	7.176	99	135188	120.610	ng	0.00
23) Nitrobenzene-d5	9.150	82	88902	71.581	ng	0.00
42) 2,4,6-Tribromophenol	16.118	330	122837	109.807	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	276959	73.332	ng	0.00
79) Terphenyl-d14	19.979	244	556851	77.279	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.420	202	31251	3.616	ng	95
78) Pyrene	19.785	202	32580	3.972	ng	95
88) Benzo(b)fluoranthene	23.821	252	31937	3.544	ng	98
90) Benzo(a)pyrene	24.685	252	24492	3.182	ng	96

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

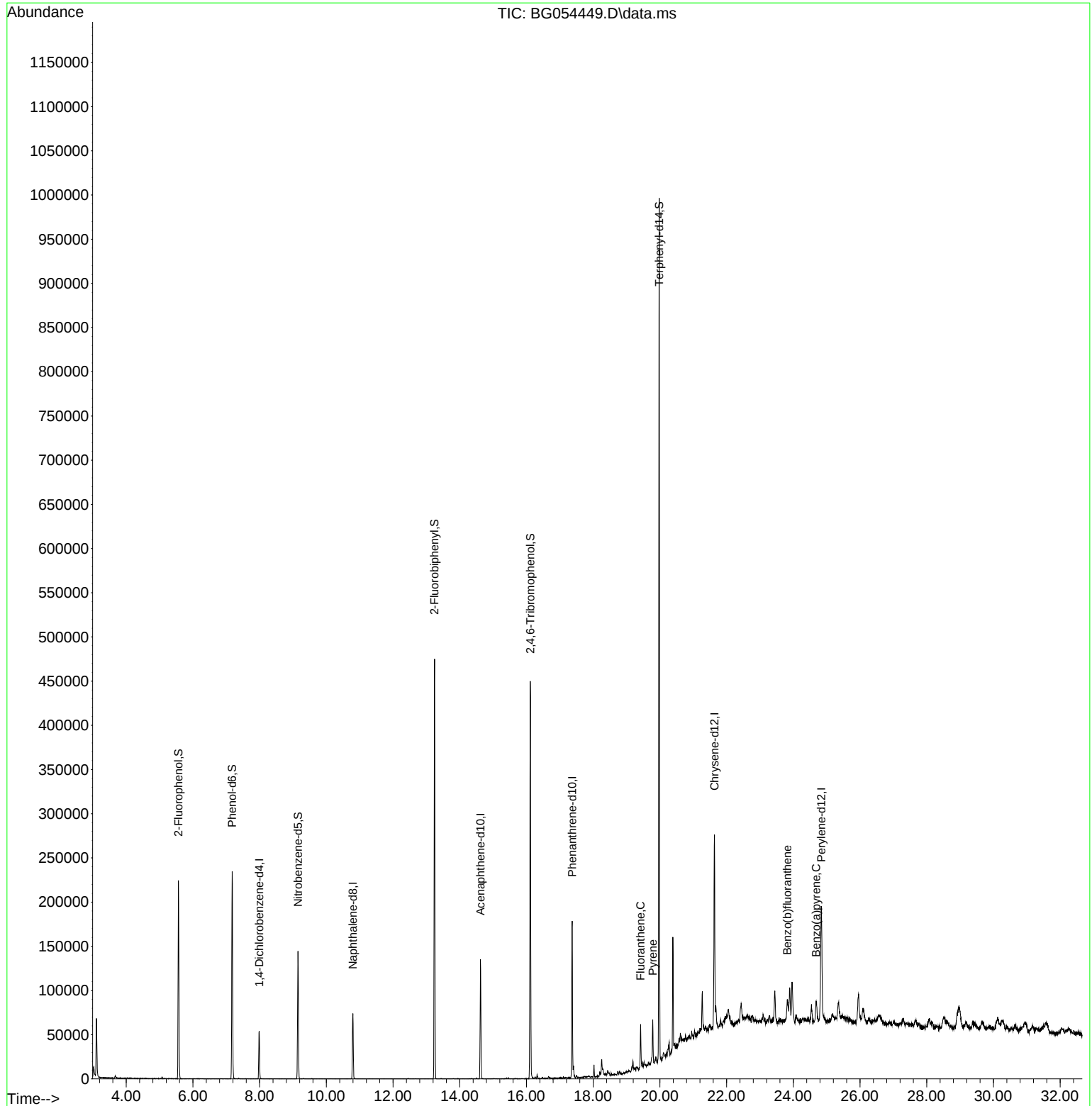
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054449.D
Acq On : 29 Jul 2022 14:47
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Upadhyay 08/01/2022





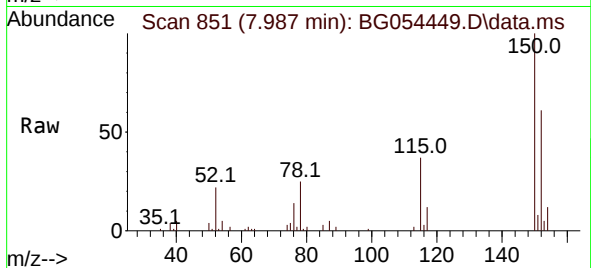
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

Instrument :

BNA_G

ClientSampleId :

RVE-3



Tgt Ion:152 Resp: 17079
Ion Ratio Lower Upper
152 100
150 164.1 131.6 197.4
115 60.1 50.9 76.3

Manual Integrations

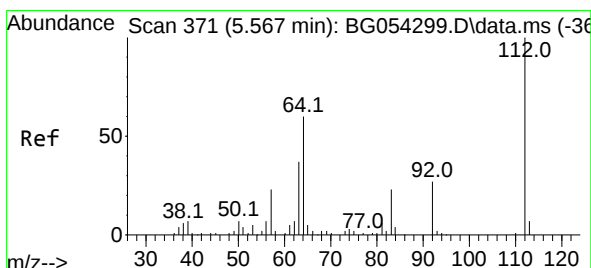
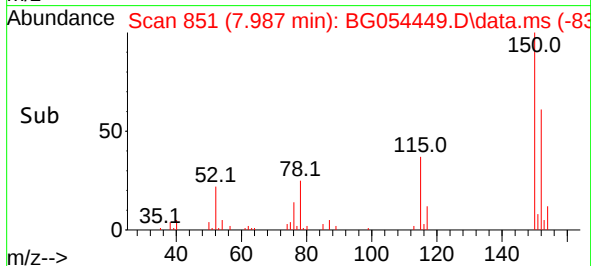
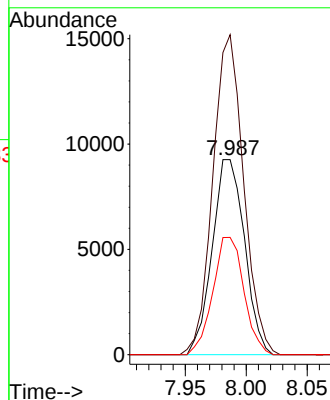
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Reviewed By :Christian

Giraldo 08/01/2022

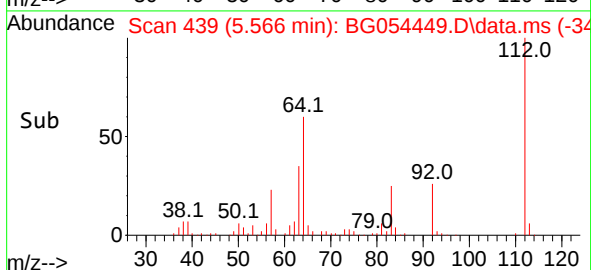
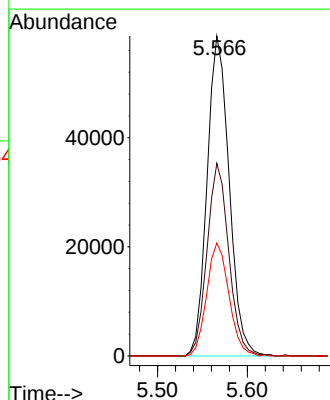
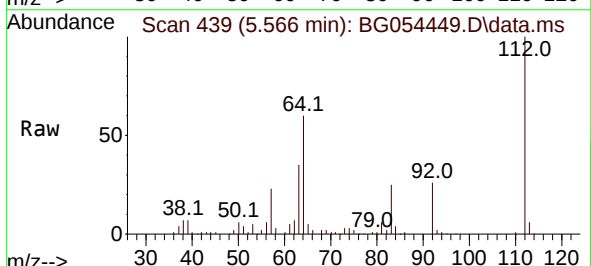
Supervised By :Jaarut

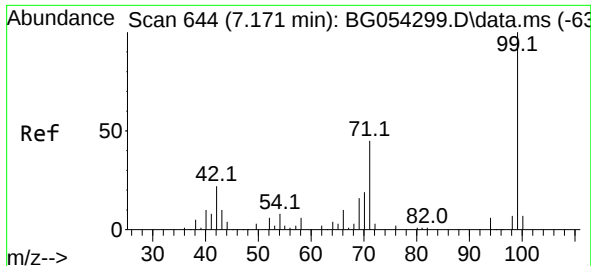
Upadhyay 08/01/2022



#5
2-Fluorophenol
Concen: 122.414 ng
RT: 5.566 min Scan# 439
Delta R.T. 0.004 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

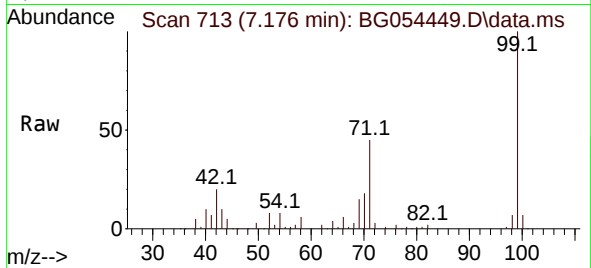
Tgt Ion:112 Resp: 100135
Ion Ratio Lower Upper
112 100
64 60.2 55.1 82.7
63 35.3 30.4 45.6





#7
Phenol-d6
Concen: 120.610 ng
RT: 7.176 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

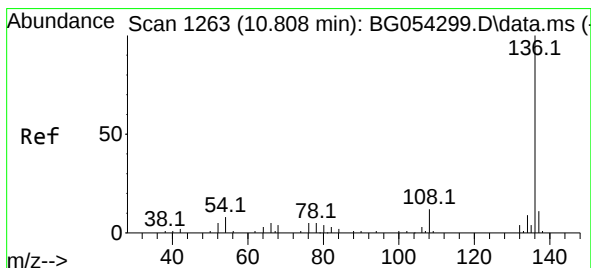
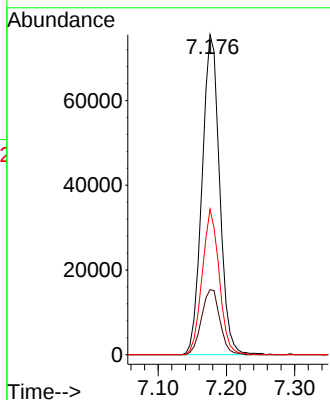
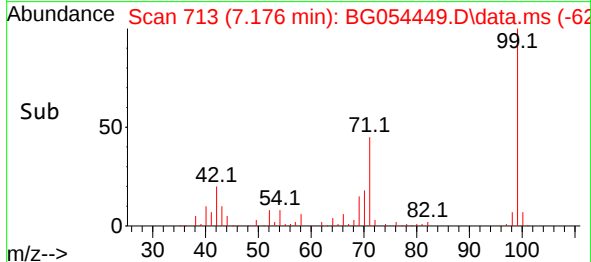
Instrument :
BNA_G
ClientSampleId :
RVE-3



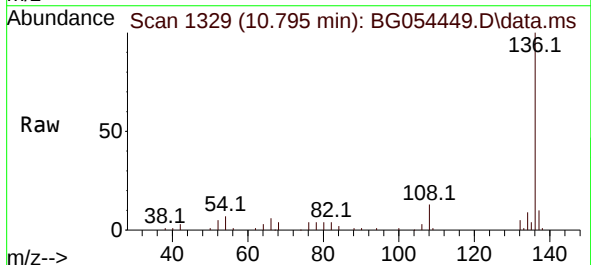
Tgt Ion: 99 Resp: 13518
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 45.4 33.8 50.8

Manual Integrations
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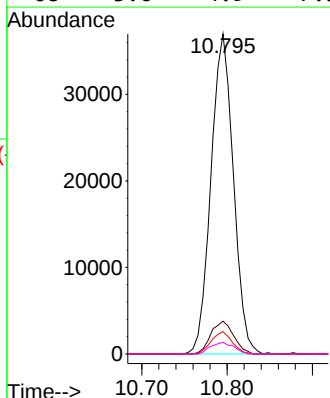
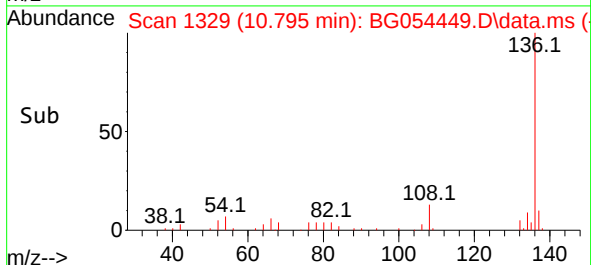
Reviewed By :Christian
Giraldo 08/01/2022
Supervised By :Jaarut
Upadhyay 08/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47



Tgt Ion:136 Resp: 67634
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.0 7.4 11.2#
68 3.6 4.9 7.3#





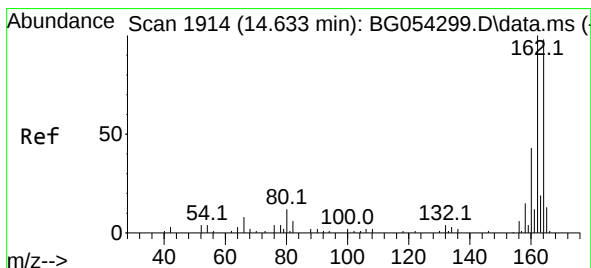
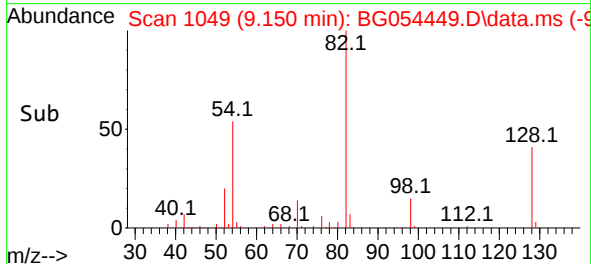
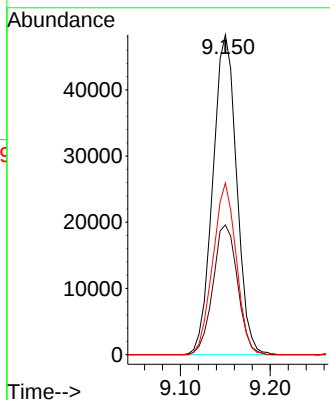
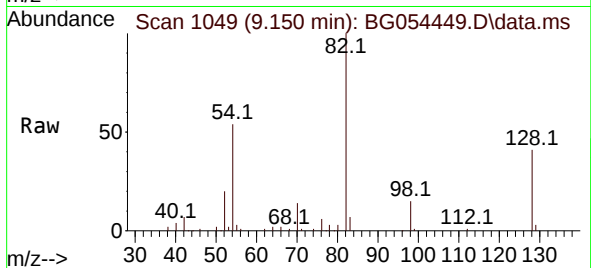
#23
Nitrobenzene-d5
Concen: 71.581 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

Instrument :
BNA_G
ClientSampleId :
RVE-3

Tgt Ion: 82 Resp: 88902
Ion Ratio Lower Upper
82 100
128 40.6 27.9 41.9
54 53.6 41.2 61.8

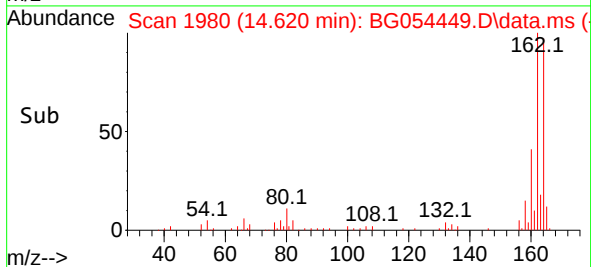
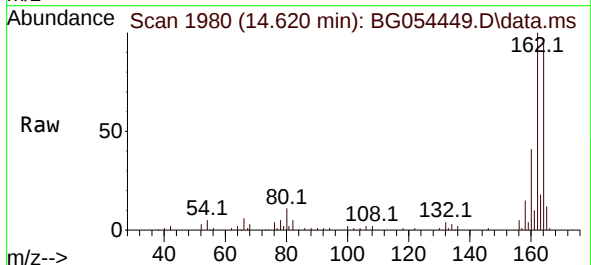
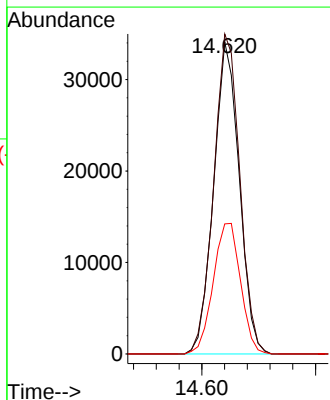
Manual Integrations
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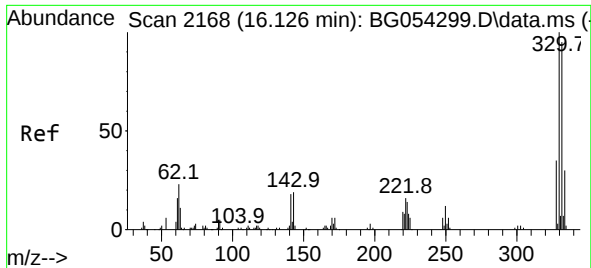
Reviewed By :Christian
Giraldo 08/01/2022
Supervised By :Jaarut
Upadhyay 08/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.620 min Scan# 1980
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

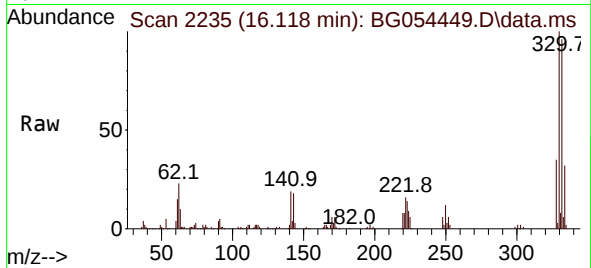
Tgt Ion:164 Resp: 53279
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 41.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 109.807 ng
RT: 16.118 min Scan# 2168
Delta R.T. 0.004 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

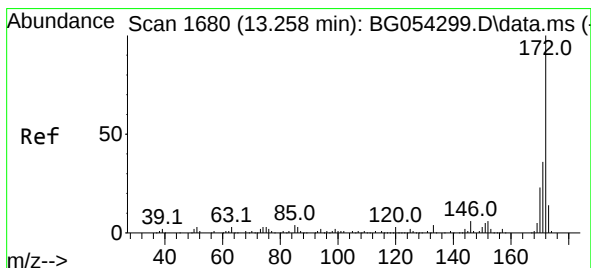
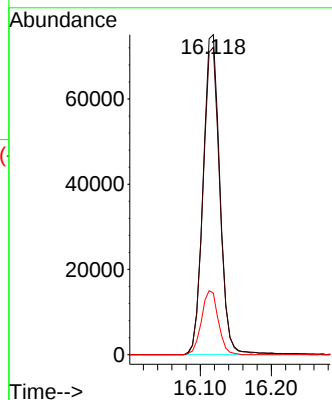
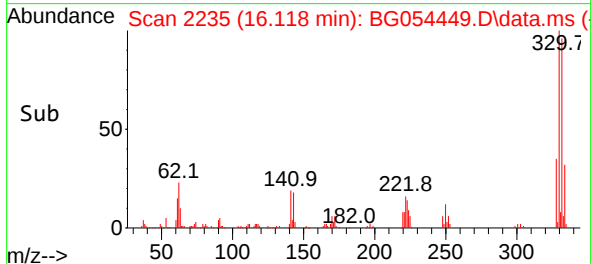
Instrument :
BNA_G
ClientSampleId :
RVE-3



Tgt Ion:330 Resp: 12283
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 20.0 27.1 40.7

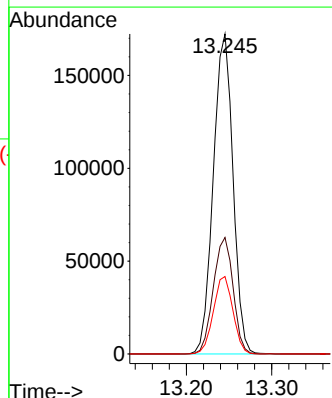
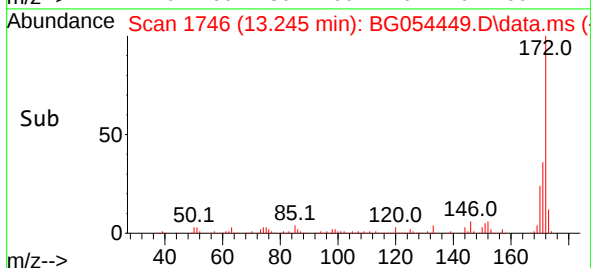
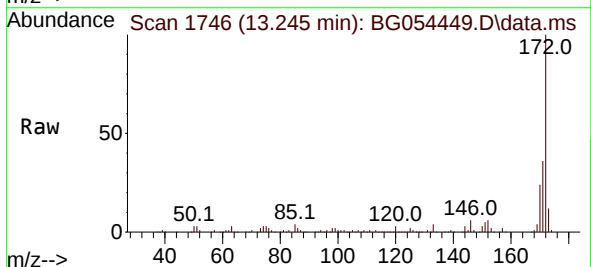
Manual Integrations
APPROVED

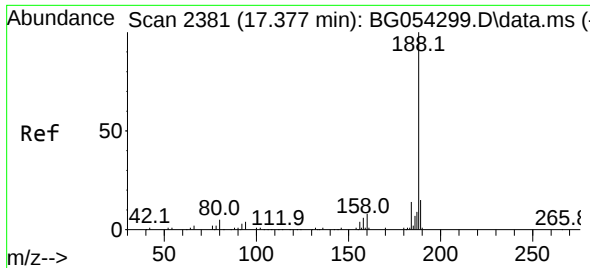
Reviewed By :Christian
Giraldo 08/01/2022
Supervised By :Jaarut
Upadhyay 08/01/2022



#45
2-Fluorobiphenyl
Concen: 73.332 ng
RT: 13.245 min Scan# 1746
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

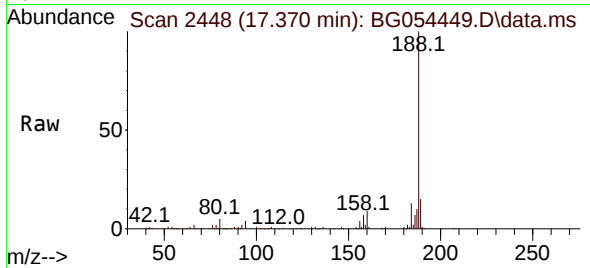
Tgt Ion:172 Resp: 276959
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.2 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

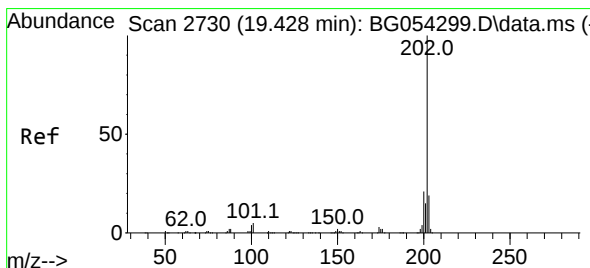
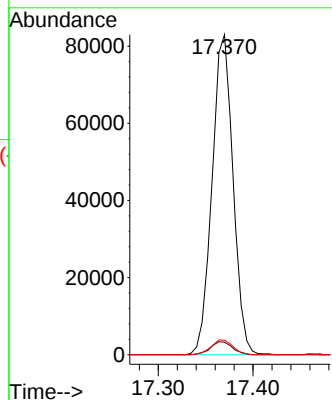
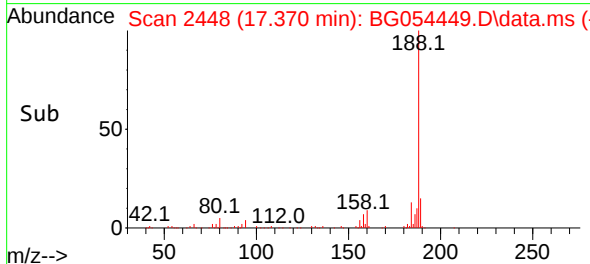
Instrument :
BNA_G
ClientSampleId :
RVE-3



Tgt Ion:188 Resp: 12732
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.5 6.8 10.2

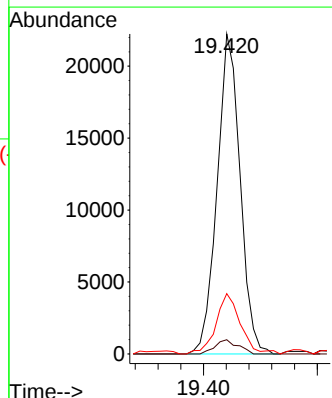
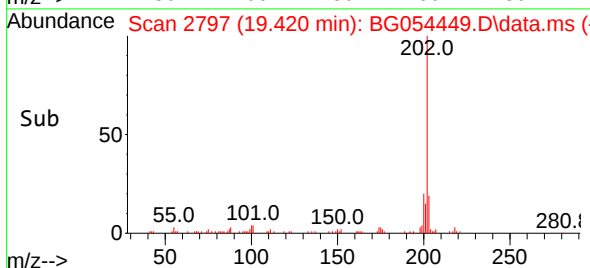
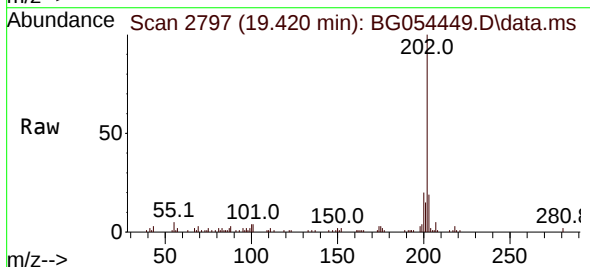
Manual Integrations
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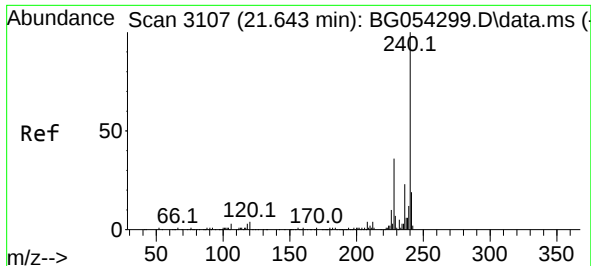
Reviewed By :Christian
Giraldo 08/01/2022
Supervised By :Jaarut
Upadhyay 08/01/2022



#75
Fluoranthene
Concen: 3.616 ng
RT: 19.420 min Scan# 2797
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

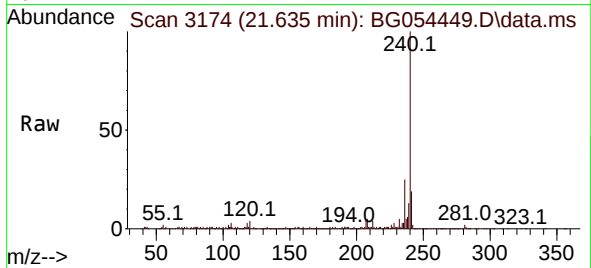
Tgt Ion:202 Resp: 31251
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 18.9 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.635 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

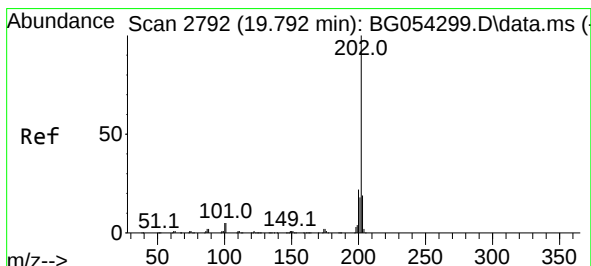
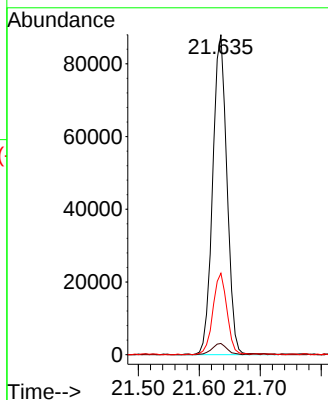
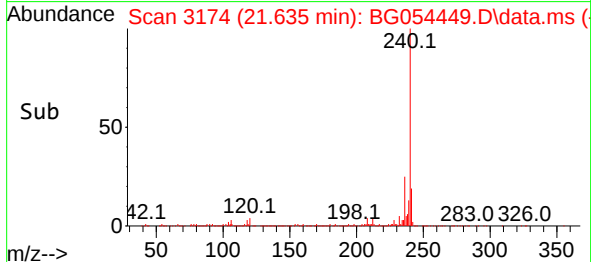
Instrument :
BNA_G
ClientSampleId :
RVE-3



Tgt Ion:240 Resp: 142945
Ion Ratio Lower Upper
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120 3.5 4.6 7.0
236 25.5 20.2 30.4

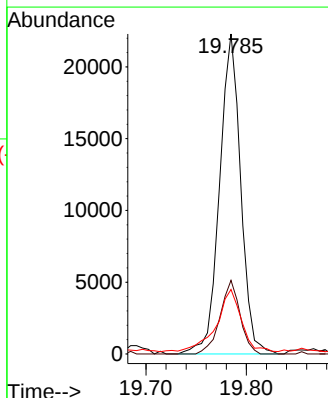
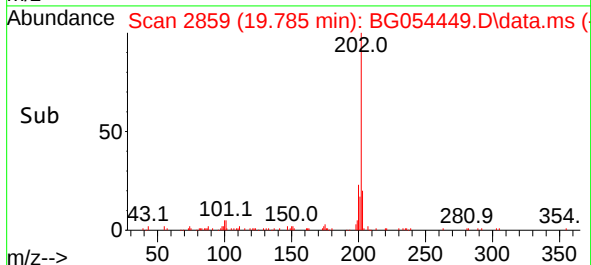
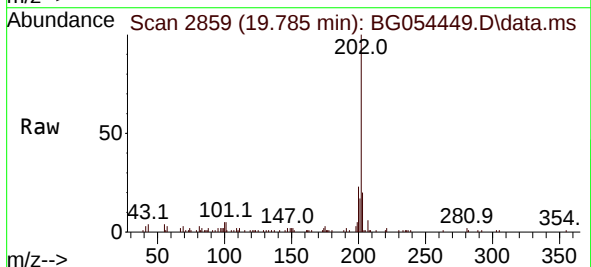
Manual Integrations
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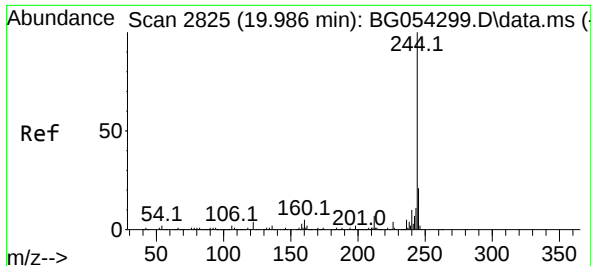
Reviewed By :Christian
Giraldo 08/01/2022
Supervised By :Jaarut
Upadhyay 08/01/2022



#78
Pyrene
Concen: 3.972 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.002 min
Lab File: BG054449.D
Acq: 29 Jul 2022 14:47

Tgt Ion:202 Resp: 32580
Ion Ratio Lower Upper
202 100
200 23.0 16.6 24.8
203 20.1 14.6 21.8





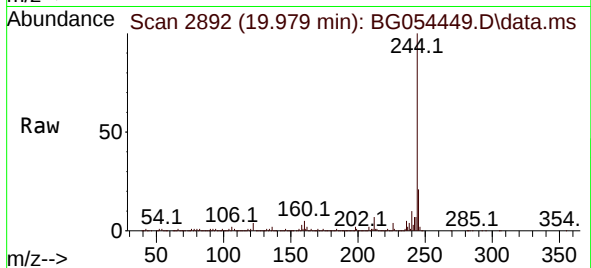
#79
 Terphenyl-d14
 Concen: 77.279 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054449.D
 Acq: 29 Jul 2022 14:47

Instrument :

BNA_G

ClientSampleId :

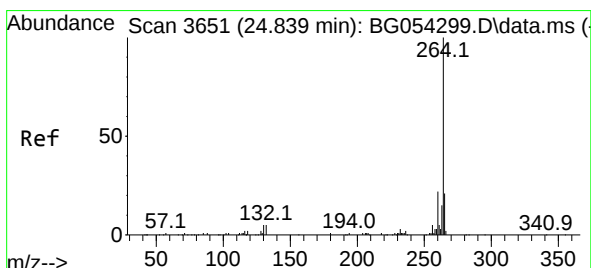
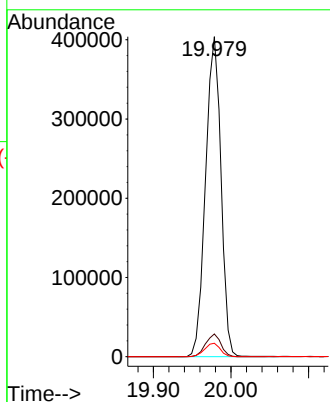
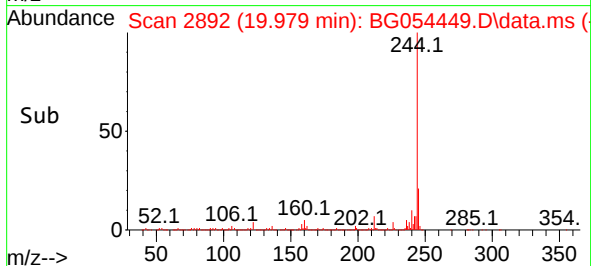
RVE-3



Tgt Ion:244 Resp: 55685
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.2 5.0 7.4

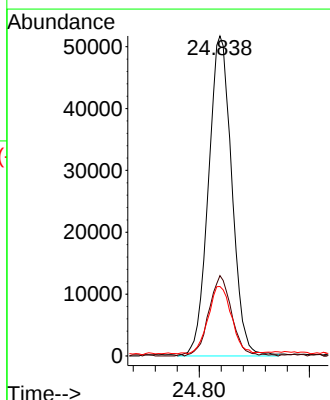
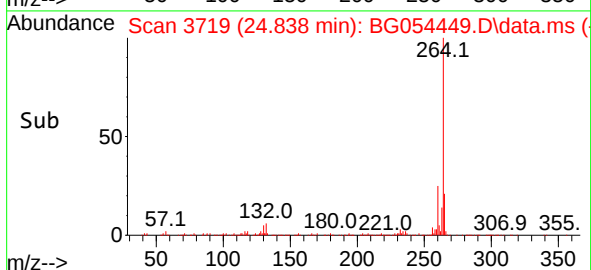
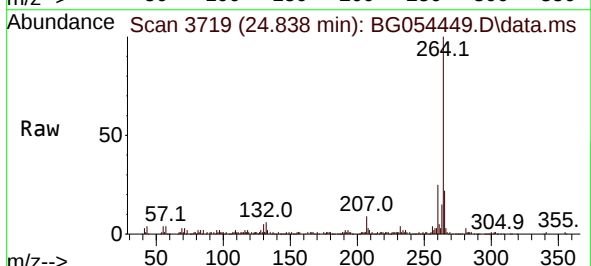
Manual Integrations
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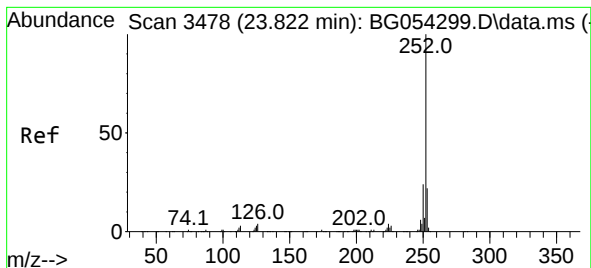
Reviewed By :Christian
 Giraldo 08/01/2022
 Supervised By :Jaarut
 Upadhyay 08/01/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.004 min
 Lab File: BG054449.D
 Acq: 29 Jul 2022 14:47

Tgt Ion:264 Resp: 152400
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.0 28.6
 265 21.7 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.544 ng

RT: 23.821 min Scan# 3193

Delta R.T. -0.002 min

Lab File: BG054449.D

Acq: 29 Jul 2022 14:47

Instrument :

BNA_G

ClientSampleId :

RVE-3

Tgt Ion:	252	Resp:	3193
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	6.1	4.6	6.8

Manual Integrations

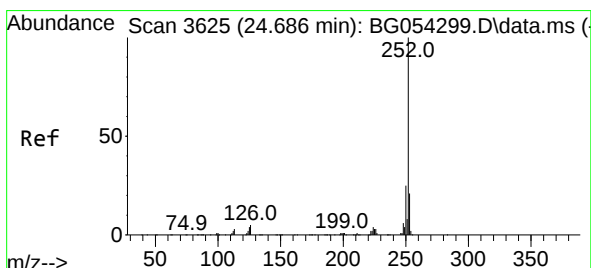
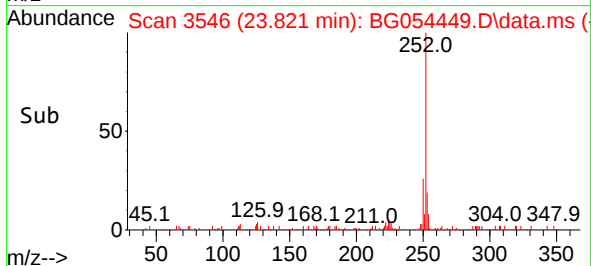
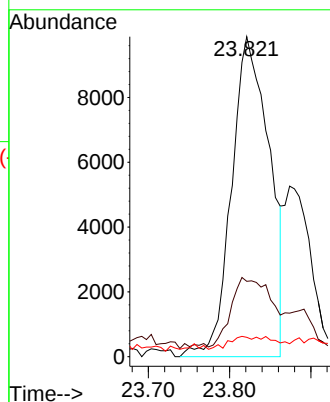
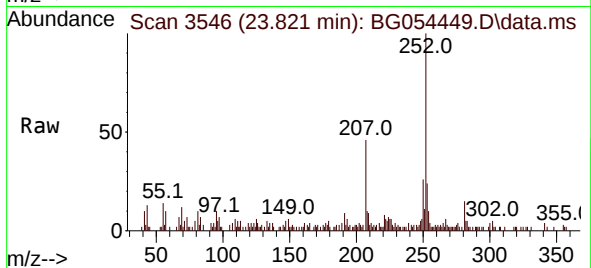
APPROVED

Reviewed By :Christian

Giraldo 08/01/2022

Supervised By :Jaarut

Upadhyay 08/01/2022



#90

Benzo(a)pyrene

Concen: 3.182 ng

RT: 24.685 min Scan# 3693

Delta R.T. -0.002 min

Lab File: BG054449.D

Acq: 29 Jul 2022 14:47

Tgt Ion:	252	Resp:	24492
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.8
125	6.5	4.3	6.5

