

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054450.D
 Acq On : 29 Jul 2022 15:29
 Operator : CG/JU
 Sample : N3895-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-41

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 03:18:15 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	7.988	152	18049	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	69223	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	52795	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	129490	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	145548	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	155814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	90833	105.074	ng	0.00
7) Phenol-d6	7.177	99	124277	104.917	ng	0.00
23) Nitrobenzene-d5	9.151	82	84082	66.146	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	116924	105.480	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	259573	69.358	ng	0.00
79) Terphenyl-d14	19.980	244	526427	71.751	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.422	202	40254	4.579	ng	93
78) Pyrene	19.780	202	49381	5.913	ng	98
83) Chrysene	21.678	228	30001	3.437	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.508	149	7840	2.129	ng	# 95
88) Benzo(b)fluoranthene	23.823	252	38274	4.154	ng	97
90) Benzo(a)pyrene	24.686	252	26925	3.421	ng	98

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

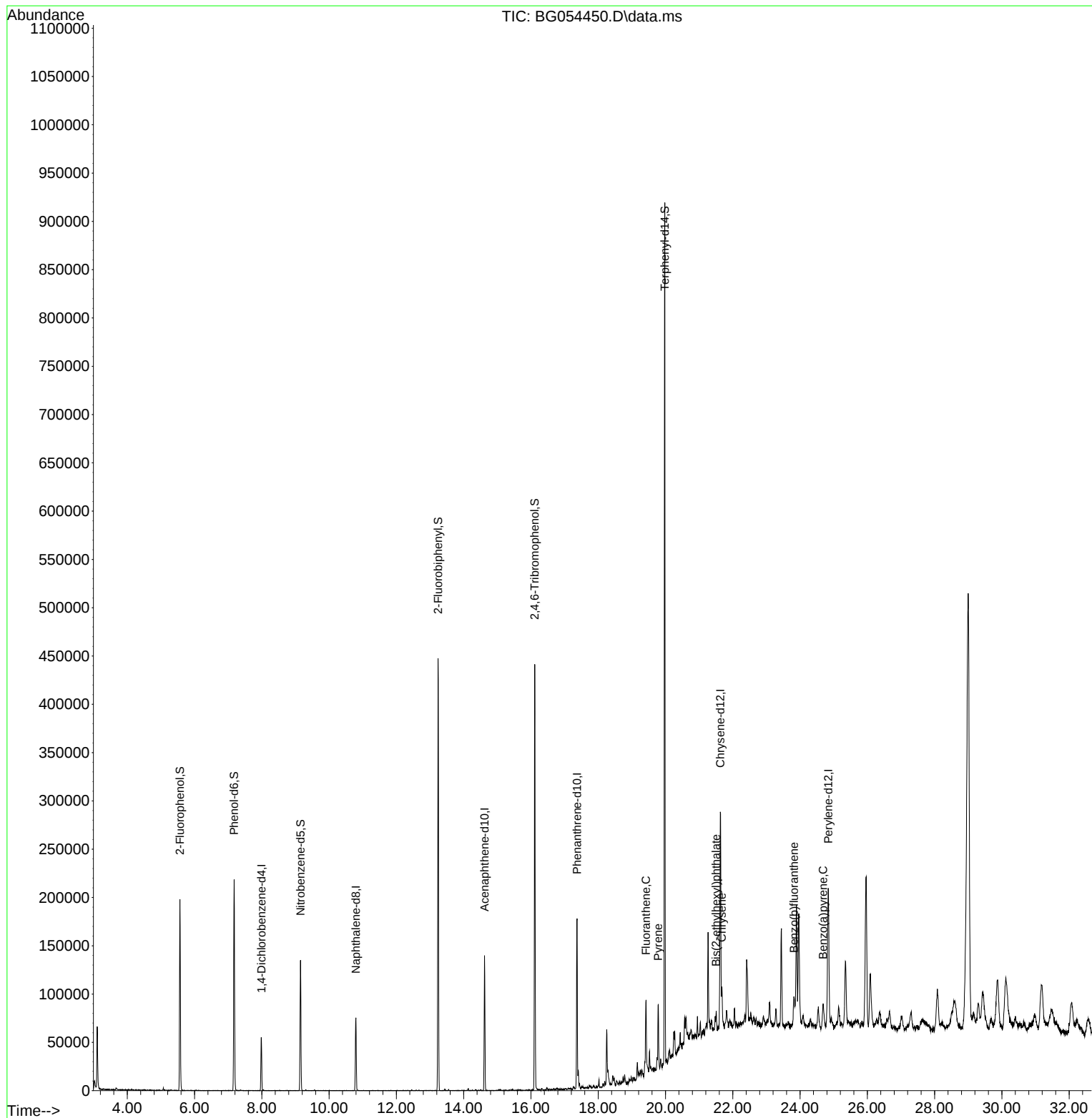
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054450.D
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ALS Vial : 9 Sample Multiplier: 1

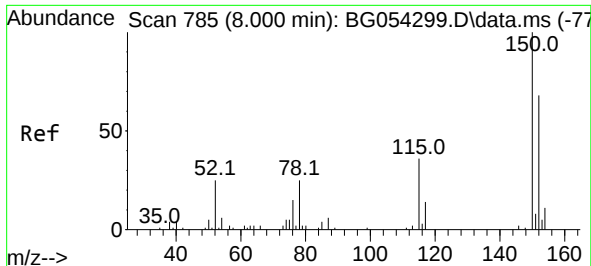
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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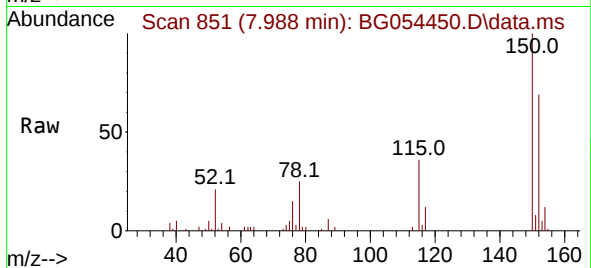
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Supervised By : Jagrut Upadhyay 08/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

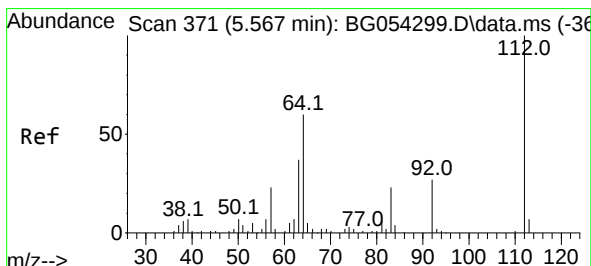
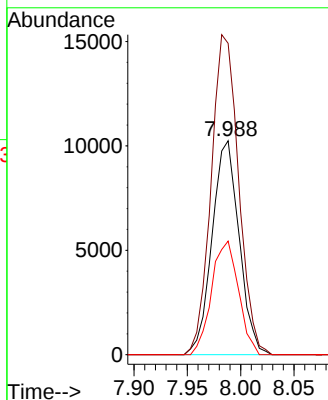
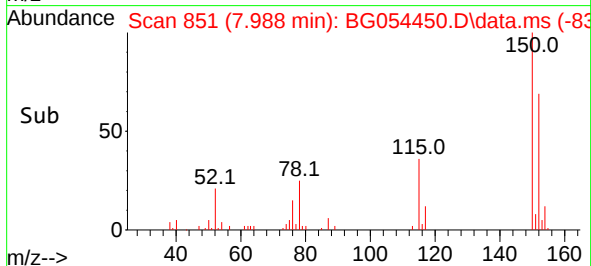
Instrument :
BNA_G
ClientSampleId :
RVE-41



Tgt Ion:152 Resp: 18049
Ion Ratio Lower Upper
152 100
150 145.6 131.6 197.4
115 53.1 50.9 76.3

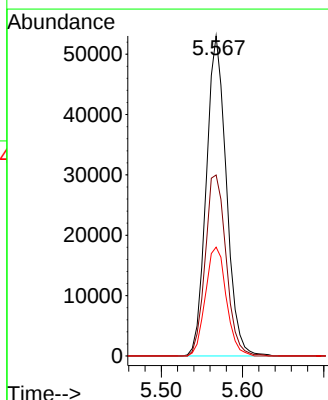
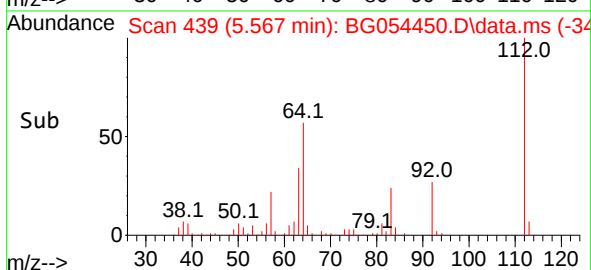
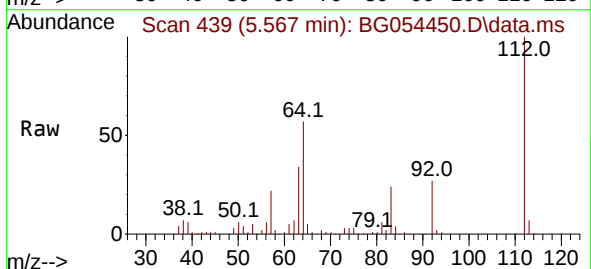
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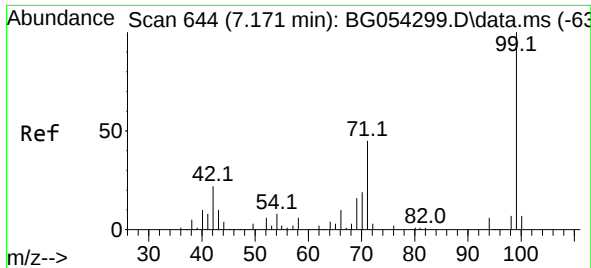
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Supervised By :Jagrut Upadhyay 08/01/2022



#5
2-Fluorophenol
Concen: 105.074 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

Tgt Ion:112 Resp: 90833
Ion Ratio Lower Upper
112 100
64 56.5 55.1 82.7
63 34.0 30.4 45.6





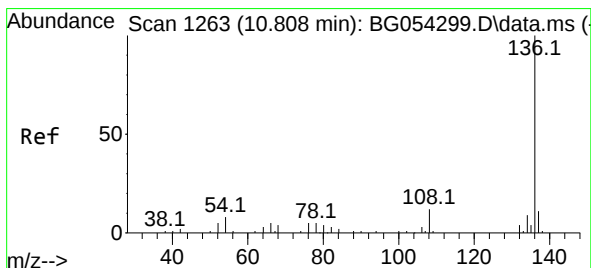
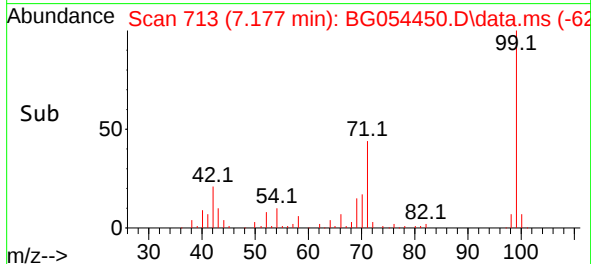
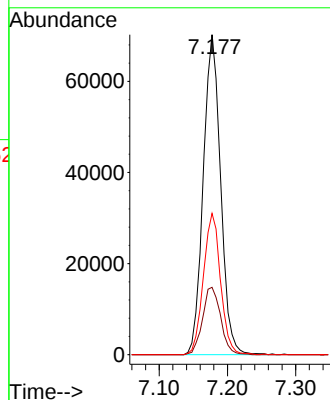
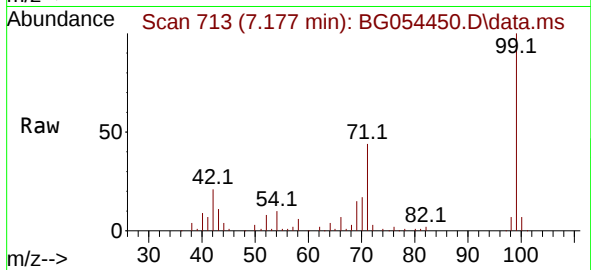
#7
Phenol-d6
Concen: 104.917 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

Instrument :
BNA_G
ClientSampleId :
RVE-41

Tgt Ion: 99 Resp: 12427
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 44.2 33.8 50.8

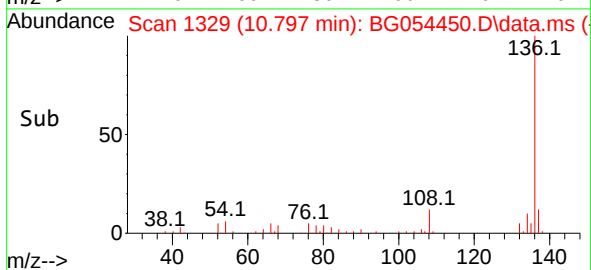
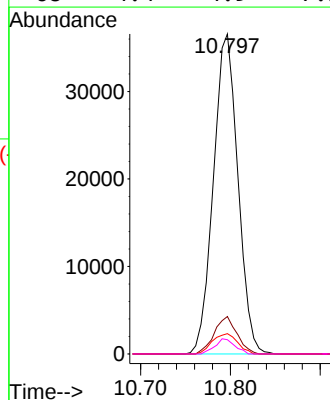
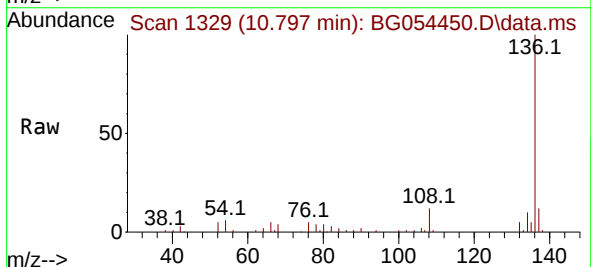
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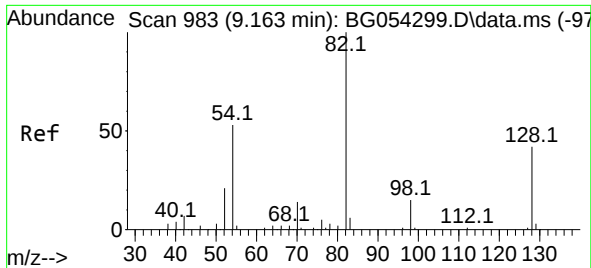
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

Tgt Ion:136 Resp: 69223
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 6.4 7.4 11.2#
68 4.4 4.9 7.3#





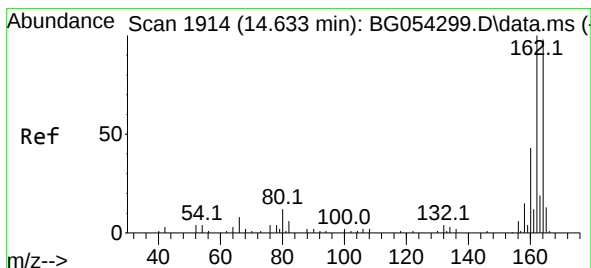
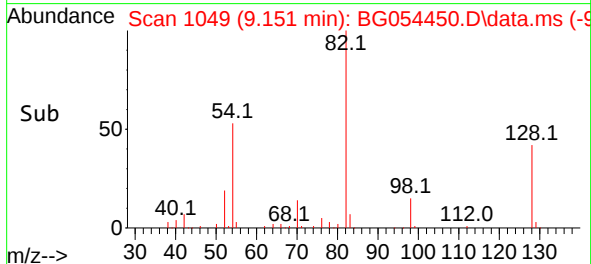
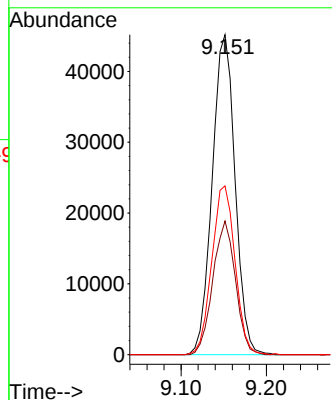
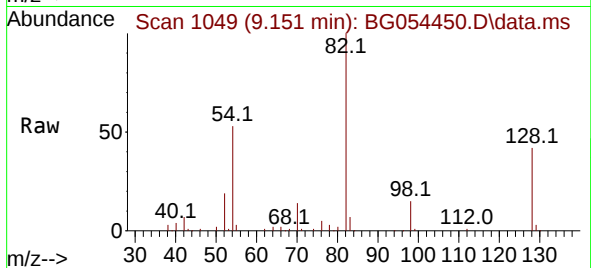
#23
Nitrobenzene-d5
Concen: 66.146 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

Instrument :
BNA_G
ClientSampleId :
RVE-41

Tgt Ion: 82 Resp: 8408
Ion Ratio Lower Upper
82 100
128 41.7 27.9 41.9
54 52.8 41.2 61.8

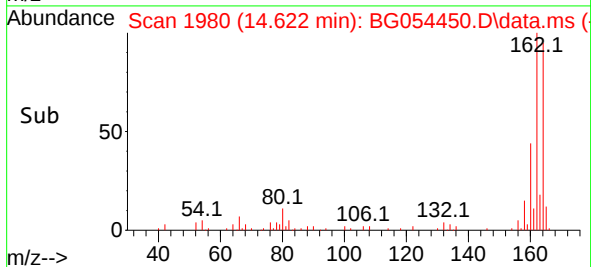
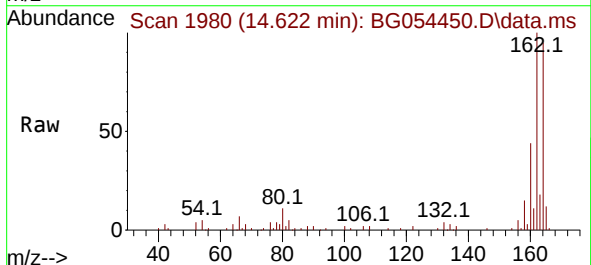
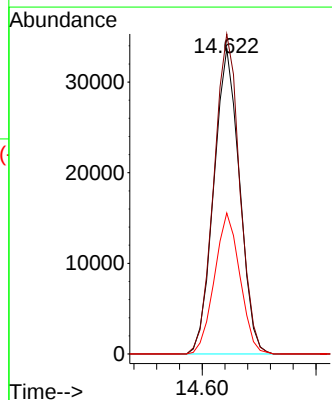
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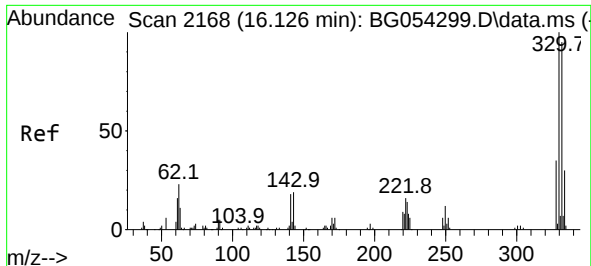
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

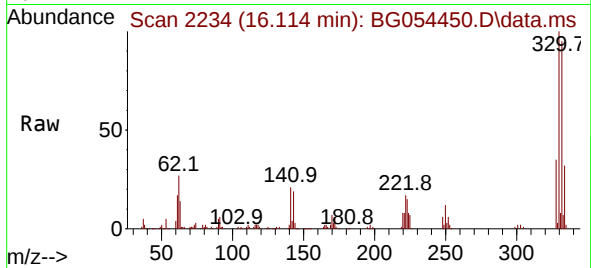
Tgt Ion:164 Resp: 52795
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 46.2 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 105.480 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

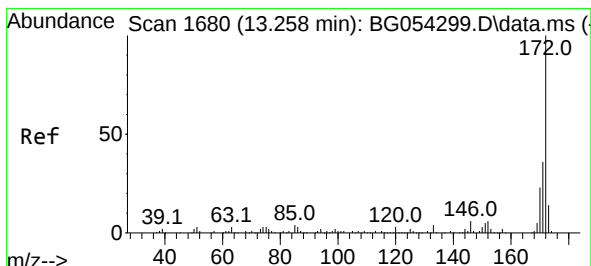
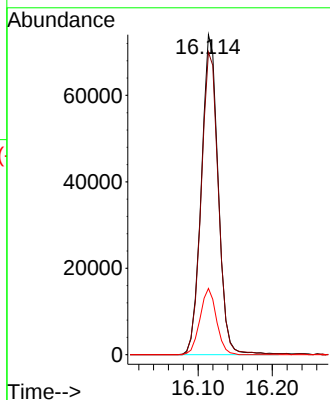
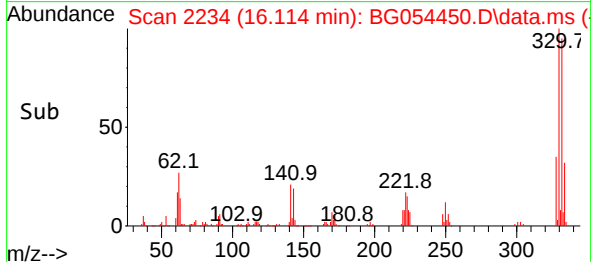
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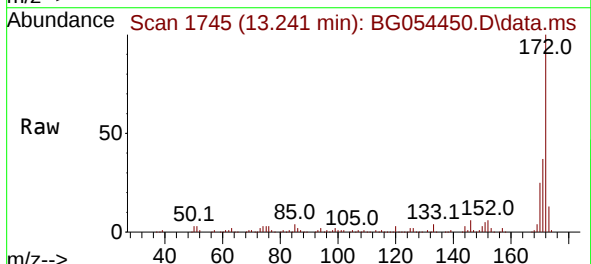
Tgt Ion:330 Resp: 116924
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 20.2 27.1 40.7

Manual Integrations
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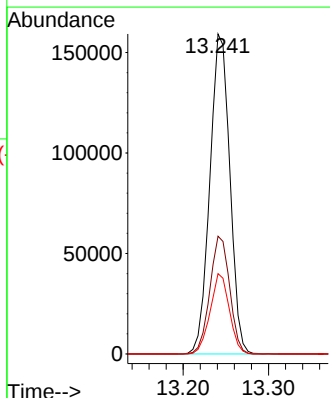
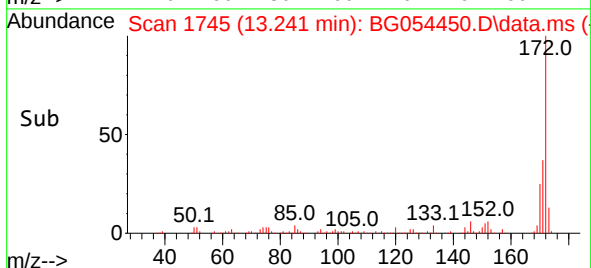
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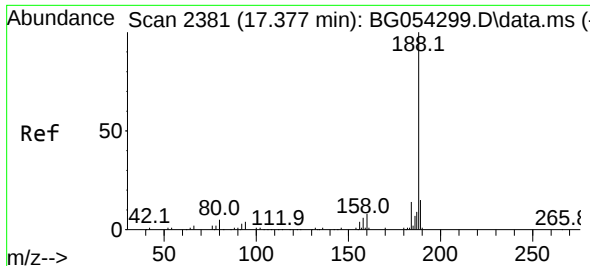


#45
2-Fluorobiphenyl
Concen: 69.358 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29



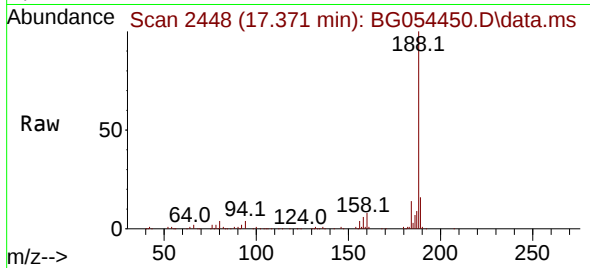
Tgt Ion:172 Resp: 259573
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 25.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

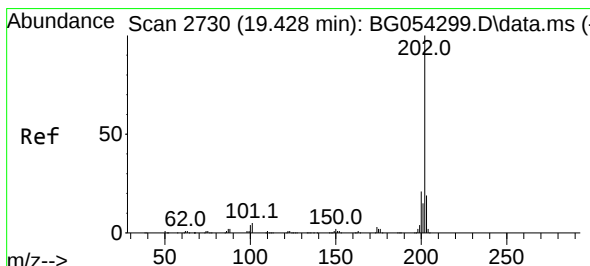
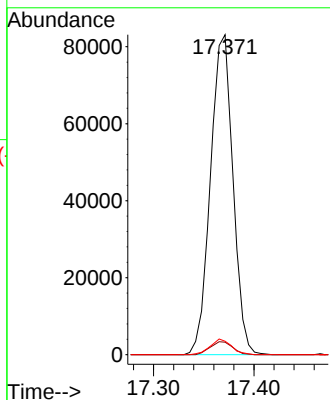
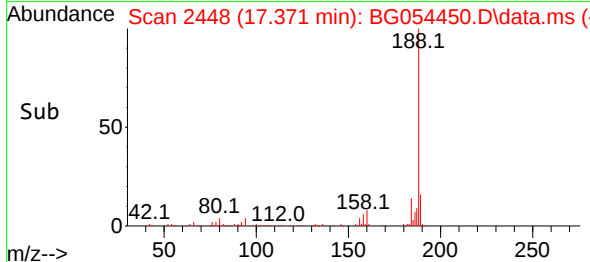
Instrument :
BNA_G
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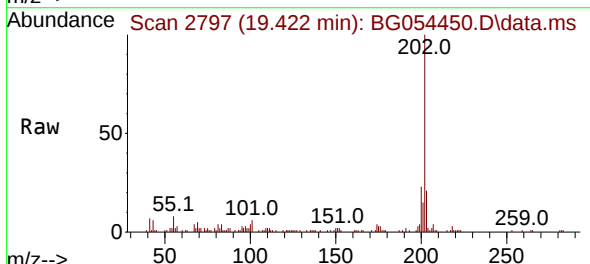
Tgt Ion:188 Resp: 129490
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.2 6.8 10.2

Manual Integrations
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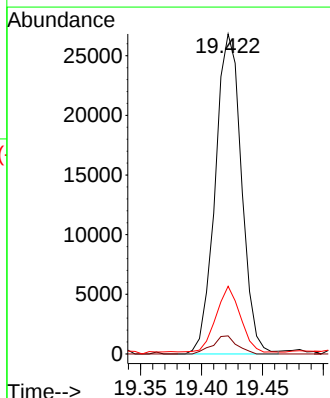
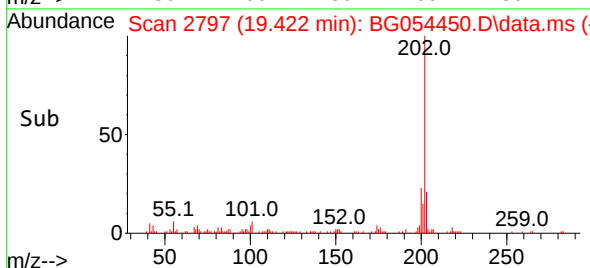
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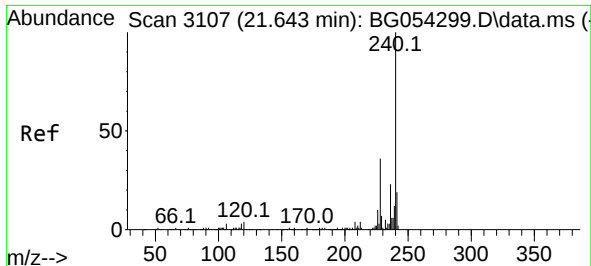


#75
Fluoranthene
Concen: 4.579 ng
RT: 19.422 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29



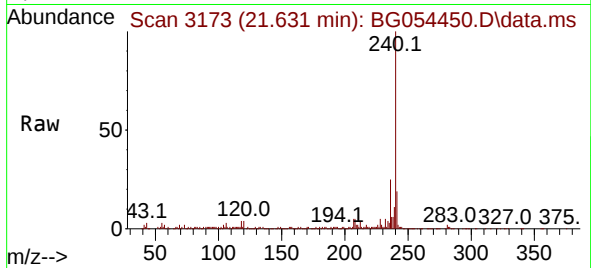
Tgt Ion:202 Resp: 40254
Ion Ratio Lower Upper
202 100
101 5.7 0.0 26.9
203 21.1 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

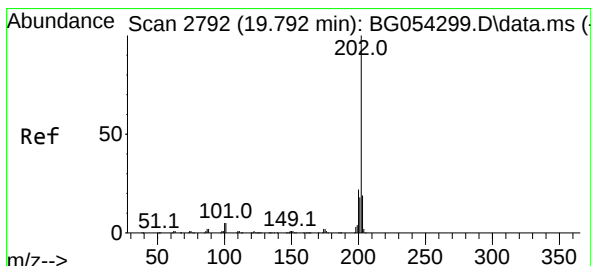
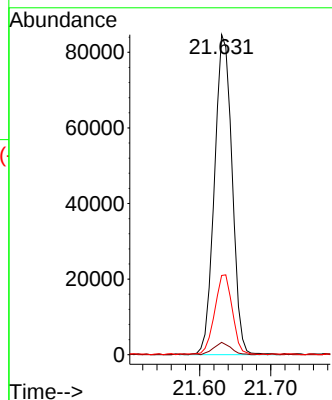
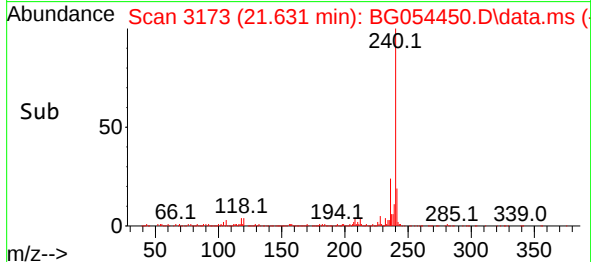
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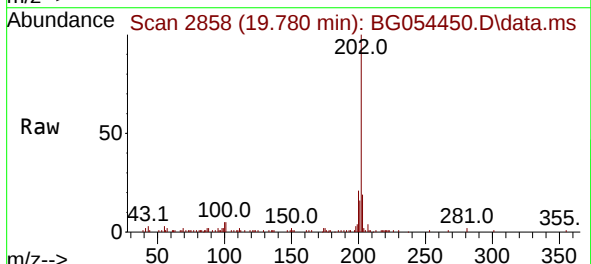
Tgt Ion:240 Resp: 145548
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0
236 24.8 20.2 30.4

Manual Integrations
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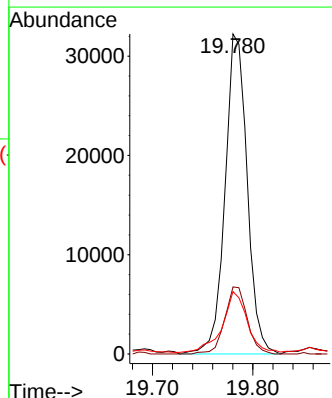
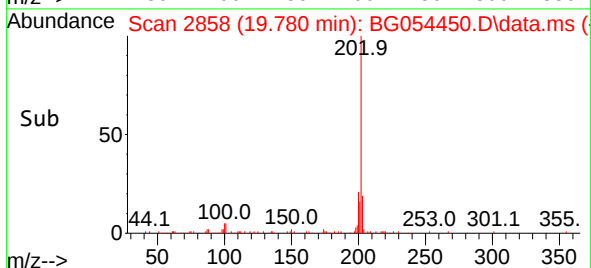
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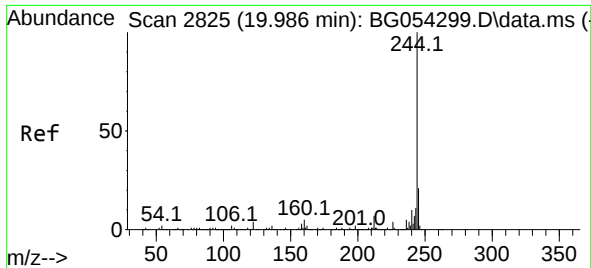


#78
Pyrene
Concen: 5.913 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29



Tgt Ion:202 Resp: 49381
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 19.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 71.751 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054450.D
 Acq: 29 Jul 2022 15:29

Instrument :

BNA_G

ClientSampleId :

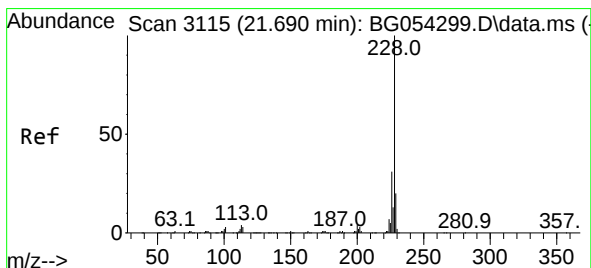
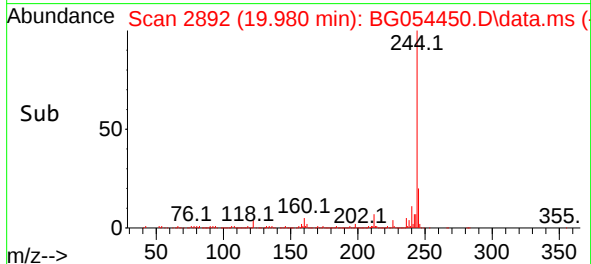
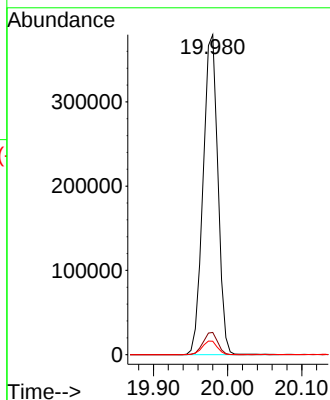
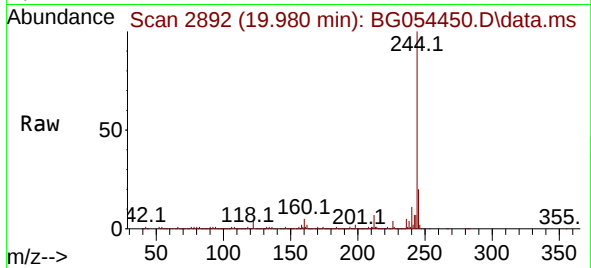
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Tgt Ion:244 Resp: 52642
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.2 5.0 7.4

Manual Integrations

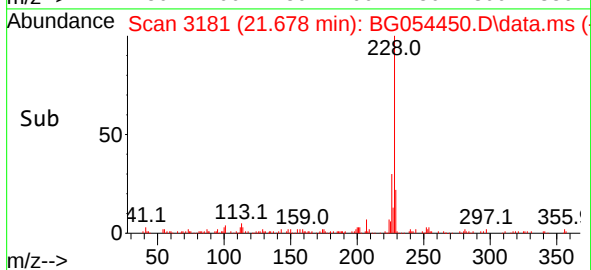
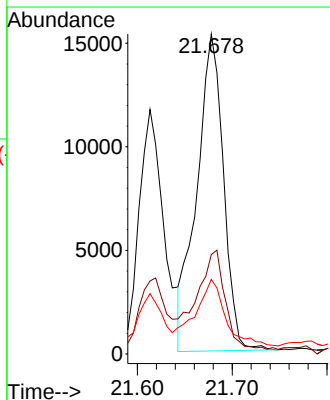
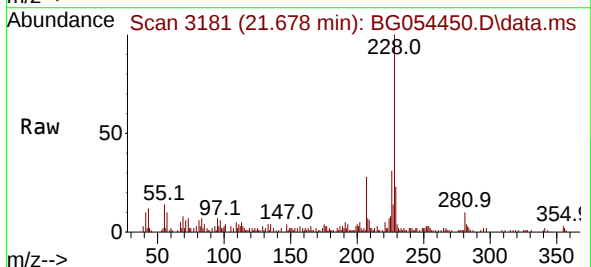
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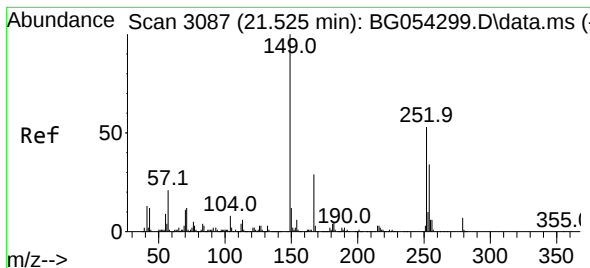
Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#83
 Chrysene
 Concen: 3.437 ng
 RT: 21.678 min Scan# 3181
 Delta R.T. -0.006 min
 Lab File: BG054450.D
 Acq: 29 Jul 2022 15:29

Tgt Ion:228 Resp: 30001
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.4 35.2
 229 23.3 15.5 23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.129 ng

RT: 21.508 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BG054450.D

Acq: 29 Jul 2022 15:29

Instrument :

BNA_G

ClientSampleId :

RVE-41

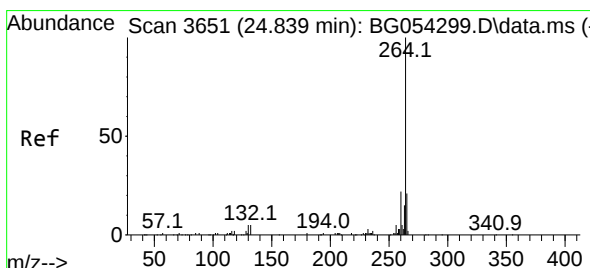
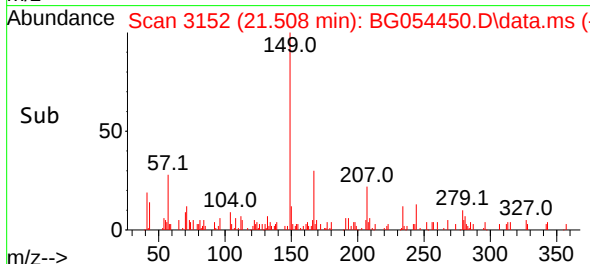
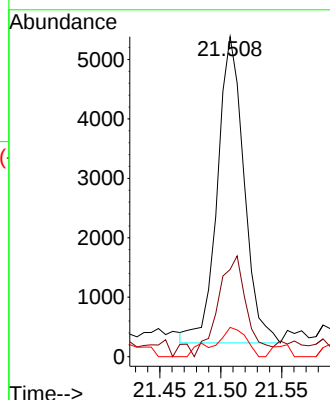
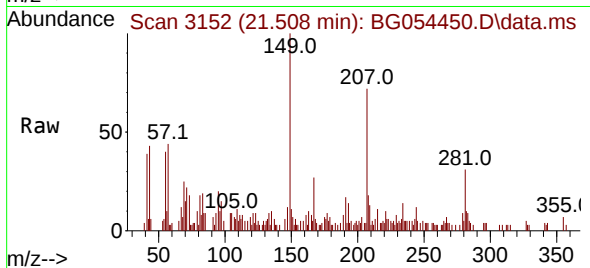
Tgt Ion:	149	Resp:	7840
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.2	30.4
279	9.1	3.6	5.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#86

Perylene-d12

Concen: 20.000 ng

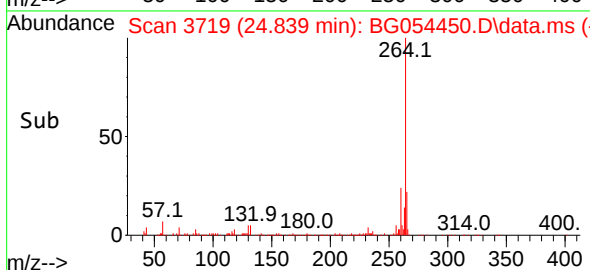
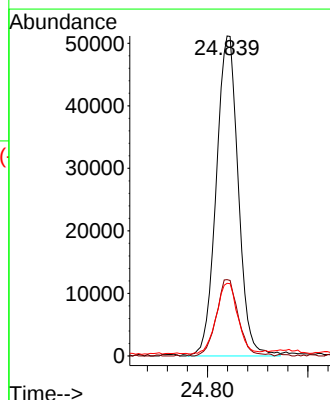
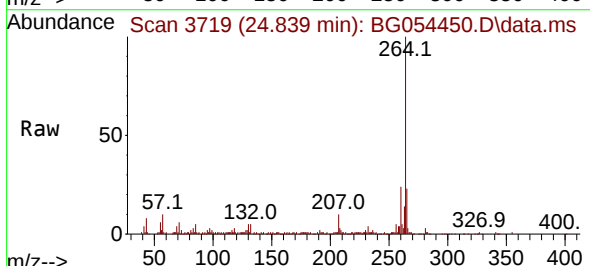
RT: 24.839 min Scan# 3719

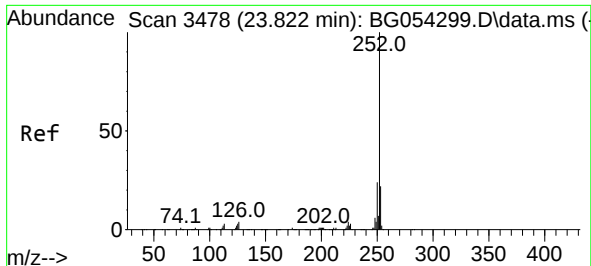
Delta R.T. 0.006 min

Lab File: BG054450.D

Acq: 29 Jul 2022 15:29

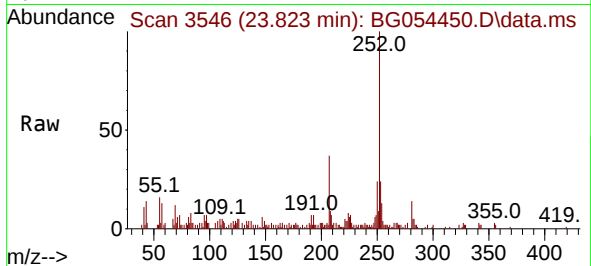
Tgt Ion:	264	Resp:	155814
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.0	28.6
265	22.7	17.4	26.2





#88
Benzo(b)fluoranthene
Concen: 4.154 ng
RT: 23.823 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29

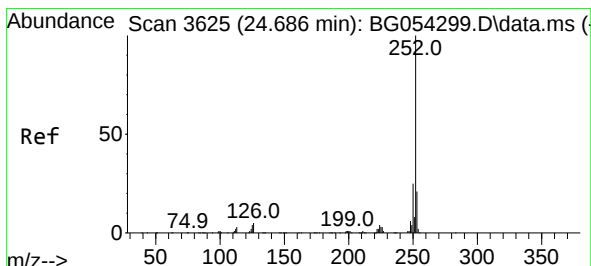
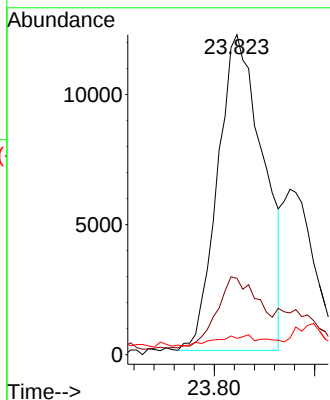
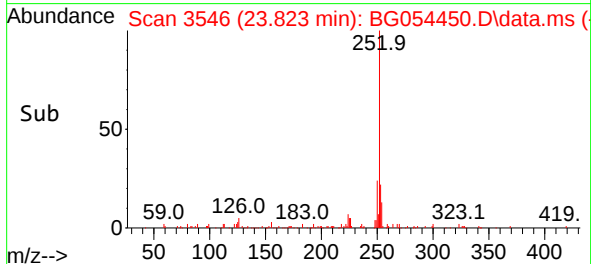
Instrument :
BNA_G
ClientSampleId :
RVE-41



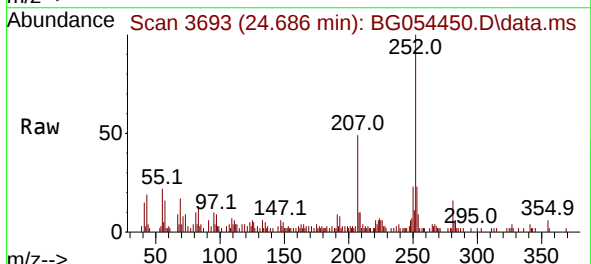
Tgt Ion:252 Resp: 38274
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 5.1 4.6 6.8

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 3.421 ng
RT: 24.686 min Scan# 3693
Delta R.T. -0.000 min
Lab File: BG054450.D
Acq: 29 Jul 2022 15:29



Tgt Ion:252 Resp: 26925
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 5.9 4.3 6.5

