

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054436.D
 Acq On : 28 Jul 2022 17:51
 Operator : CG/JU
 Sample : N3893-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:09:15 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	7.981	152	18689	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	73085	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	55144	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	132577	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	145038	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	157566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	99856	111.556	ng	0.00
7) Phenol-d6	7.177	99	136308	111.133	ng	0.00
23) Nitrobenzene-d5	9.151	82	91562	68.225	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	120607	104.167	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	281989	72.138	ng	0.00
79) Terphenyl-d14	19.979	244	537705	73.546	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.351	152	36804	7.845	ng	98
71) Phenanthrene	17.412	178	21990	3.331	ng	95
75) Fluoranthene	19.421	202	85044	9.449	ng	94
78) Pyrene	19.785	202	183057	21.996	ng	98
81) Benzo(a)anthracene	21.618	228	101991	11.078	ng	# 89
83) Chrysene	21.683	228	128545	14.778	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.516	276	95103	7.934	ng	94
88) Benzo(b)fluoranthene	23.828	252	169199	18.158	ng	# 95
89) Benzo(k)fluoranthene	23.881	252	41552m	4.481	ng	
90) Benzo(a)pyrene	24.691	252	155375m	19.525	ng	
92) Benzo(g,h,i)perylene	29.662	276	115533	11.876	ng	# 92

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

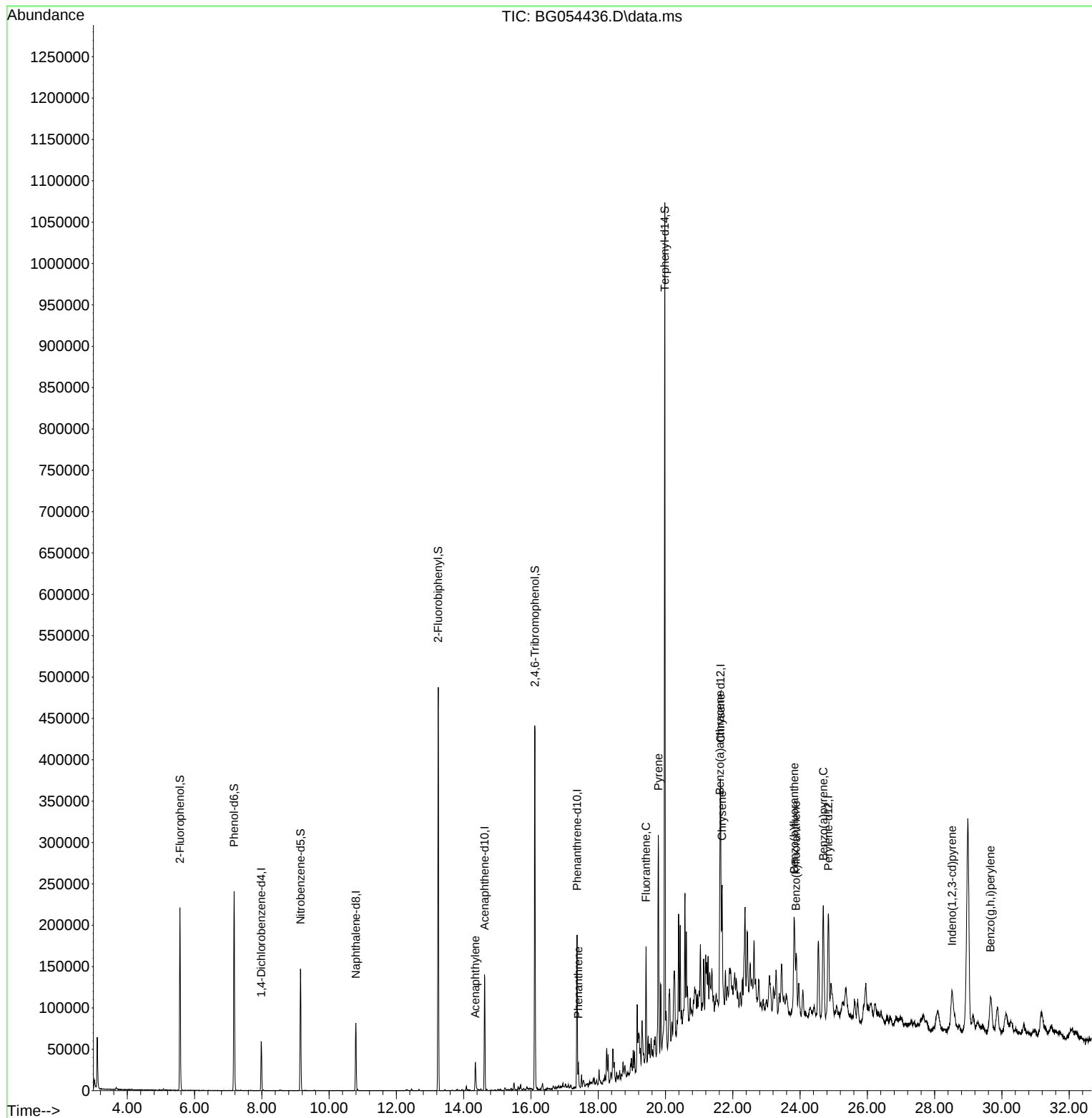
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054436.D
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ALS Vial : 12 Sample Multiplier: 1

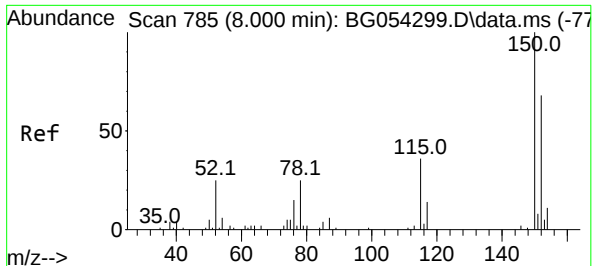
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Quant Time: Jul 29 04:09:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
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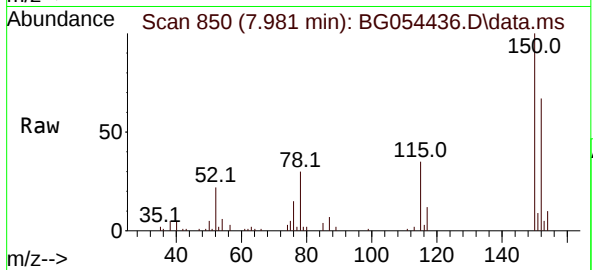
Reviewed By : Christian Giraldo 07/29/2022
Supervised By : Jagrut Upadhyay 07/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

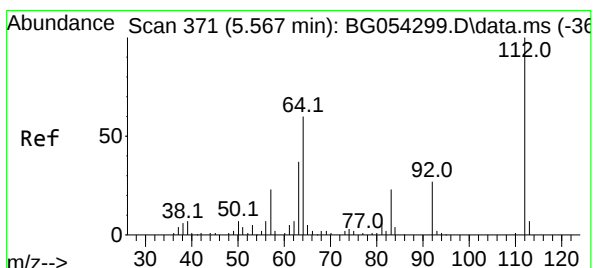
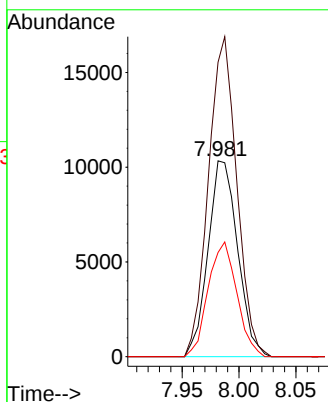
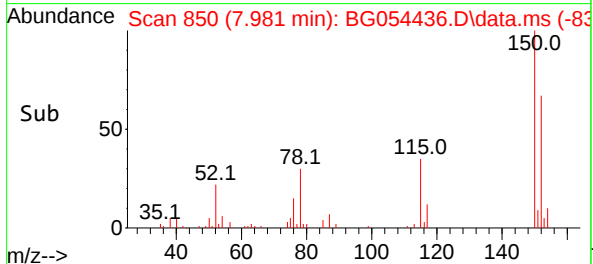
Instrument :
BNA_G
ClientSampleId :
RVE-9



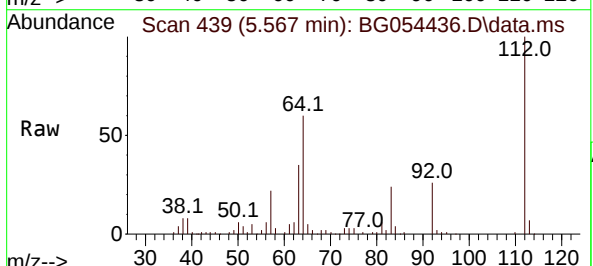
Tgt Ion:152 Resp: 18689
Ion Ratio Lower Upper
152 100
150 150.3 131.6 197.4
115 53.2 50.9 76.3

Manual Integrations
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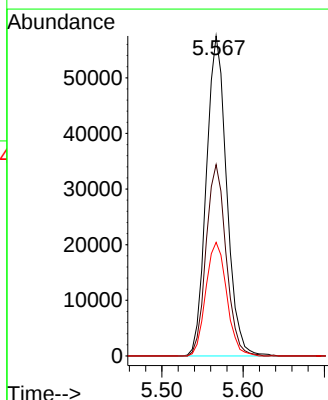
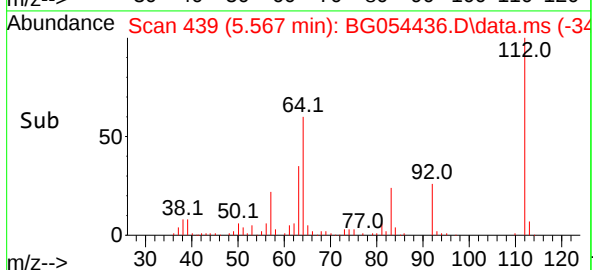
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

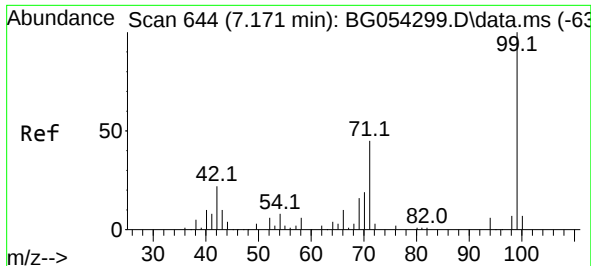


#5
2-Fluorophenol
Concen: 111.556 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51



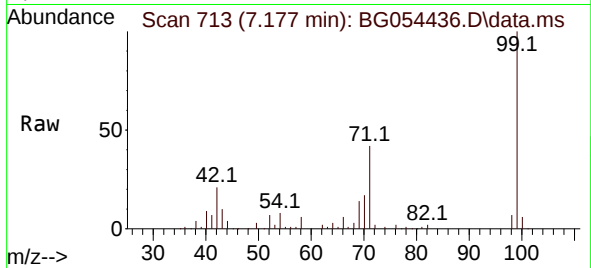
Tgt Ion:112 Resp: 99856
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 35.5 30.4 45.6





#7
Phenol-d6
Concen: 111.133 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

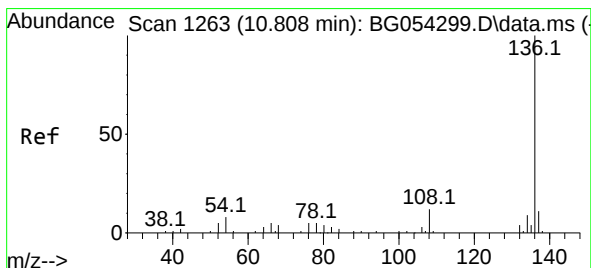
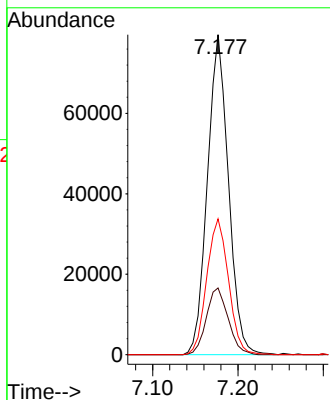
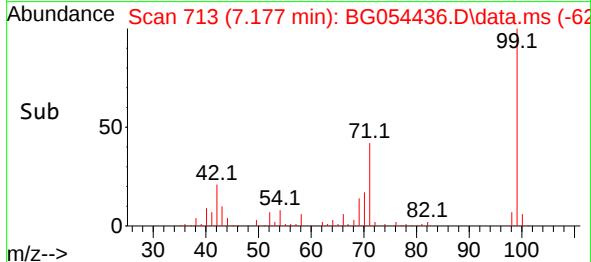
Instrument :
BNA_G
ClientSampleId :
RVE-9



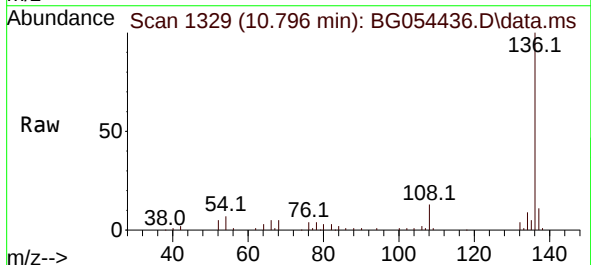
Tgt Ion: 99 Resp: 136308
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.5 33.8 50.8

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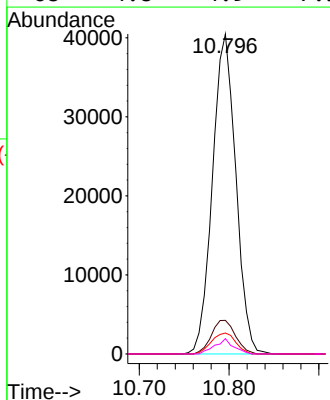
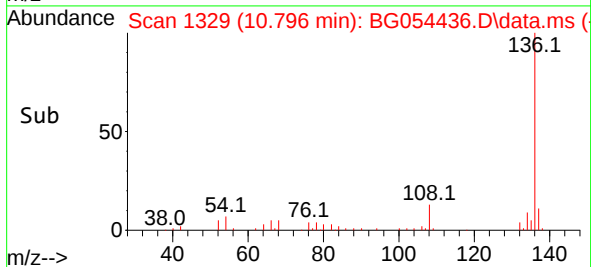
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

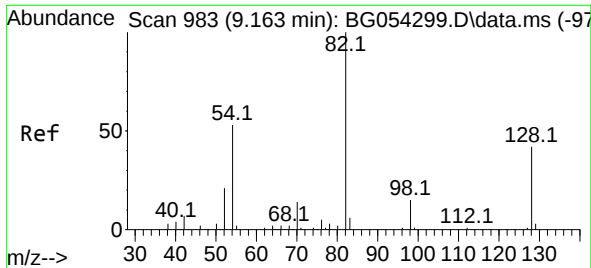


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51



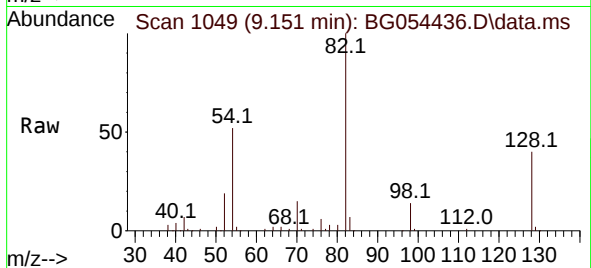
Tgt Ion:136 Resp: 73085
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.5 7.4 11.2#
68 4.8 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 68.225 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

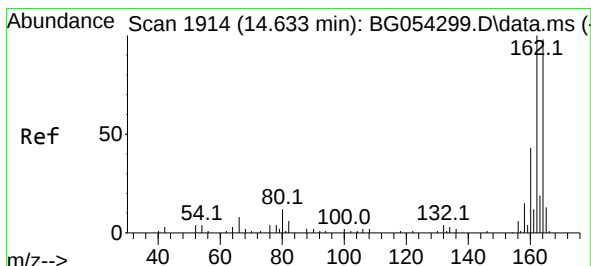
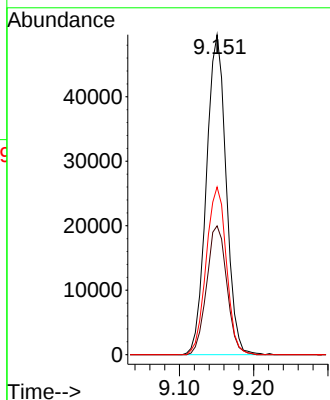
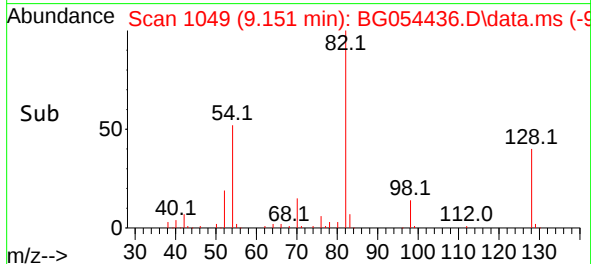
Instrument :
BNA_G
ClientSampleId :
RVE-9



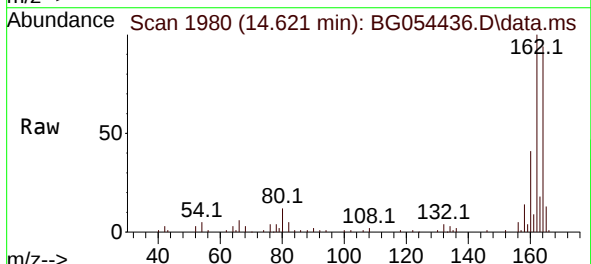
Tgt Ion: 82 Resp: 91562
Ion Ratio Lower Upper
82 100
128 40.3 27.9 41.9
54 52.4 41.2 61.8

Manual Integrations
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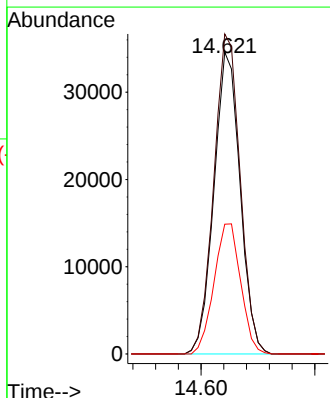
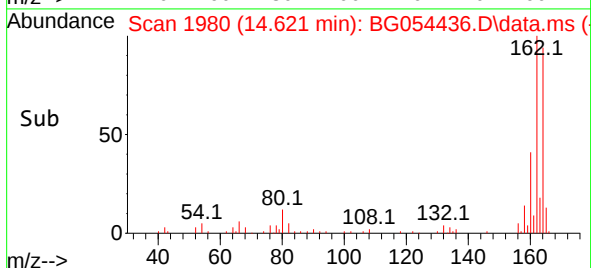
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

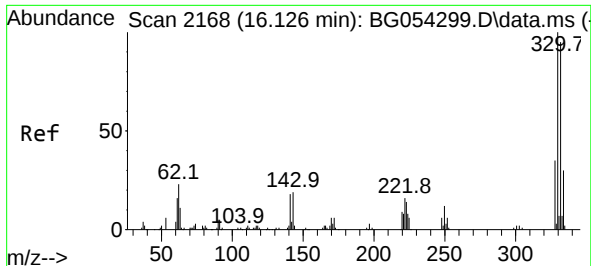


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51



Tgt Ion:164 Resp: 55144
Ion Ratio Lower Upper
164 100
162 106.0 82.3 123.5
160 43.0 34.2 51.2





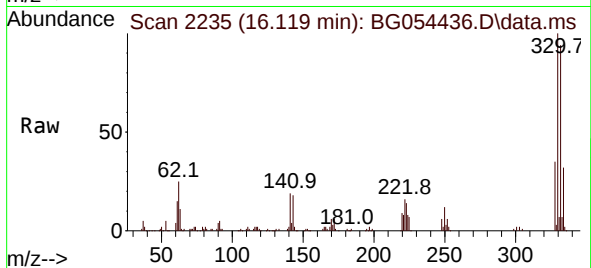
#42
2,4,6-Tribromophenol
Concen: 104.167 ng
RT: 16.119 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

Instrument :

BNA_G

ClientSampleId :

RVE-9

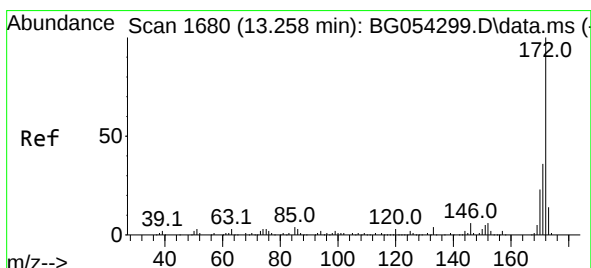
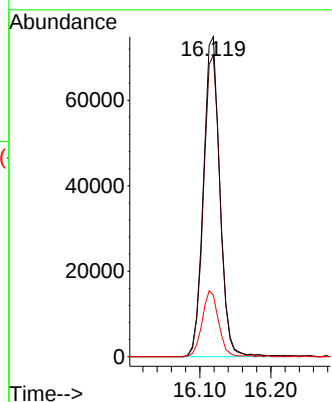
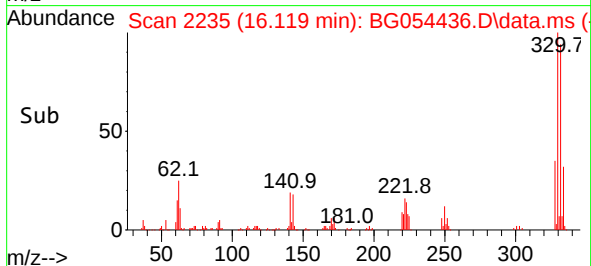


Tgt Ion:330 Resp: 12060
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 20.6 27.1 40.7

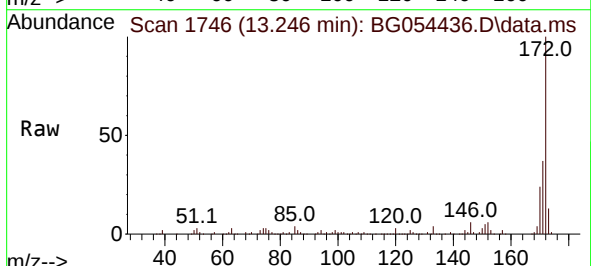
Manual Integrations

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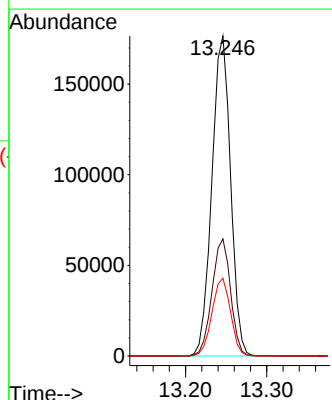
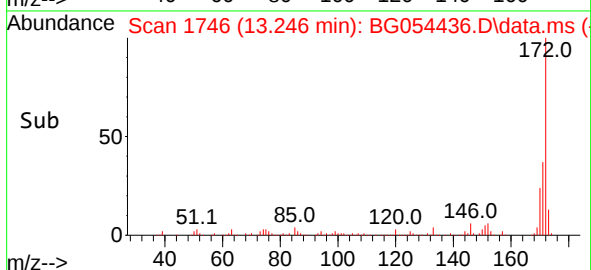
Reviewed By :Christian Giraldo 07/29/2022
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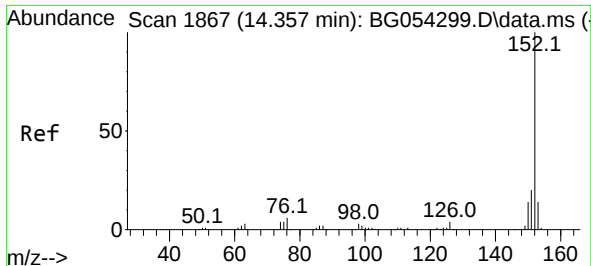


#45
2-Fluorobiphenyl
Concen: 72.138 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51



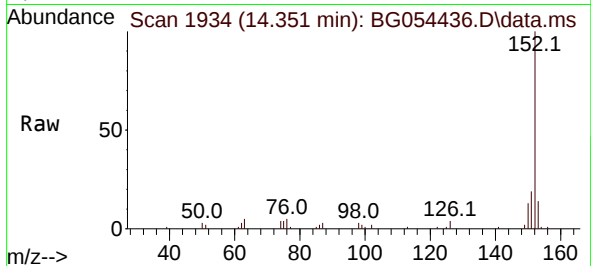
Tgt Ion:172 Resp: 281989
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.3 18.9 28.3





#49
Acenaphthylene
Concen: 7.845 ng
RT: 14.351 min Scan# 1934
Delta R.T. 0.005 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

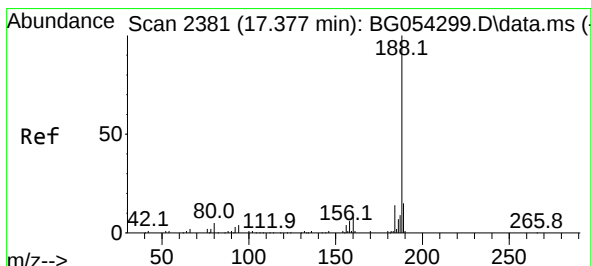
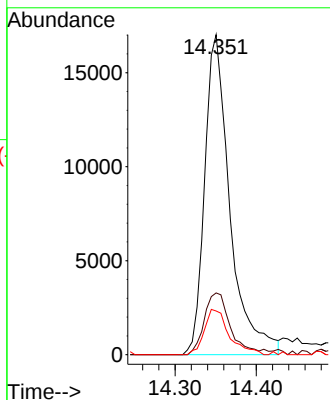
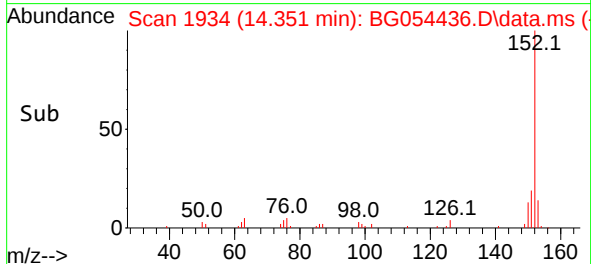
Instrument :
BNA_G
ClientSampleId :
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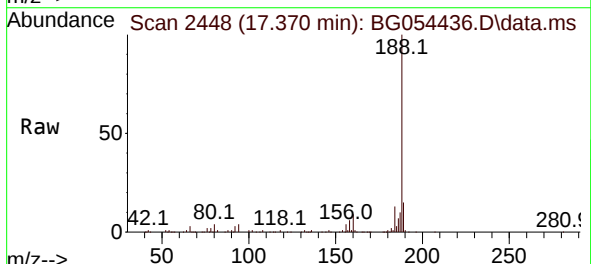
Tgt Ion:152 Resp: 36804
Ion Ratio Lower Upper
152 100
151 19.3 16.4 24.6
153 13.6 10.8 16.2

Manual Integrations
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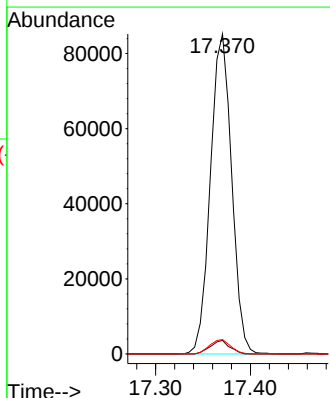
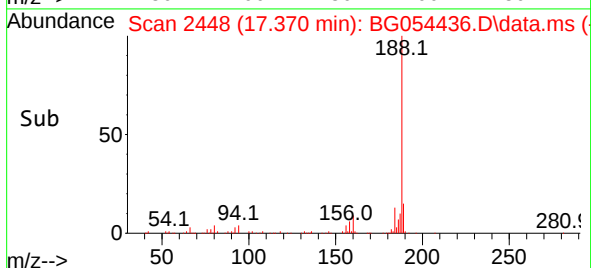
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Supervised By :Jagrut Upadhyay 07/29/2022

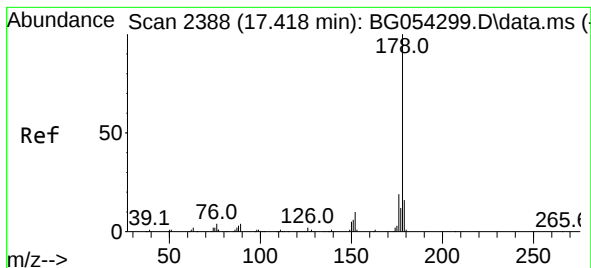


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51



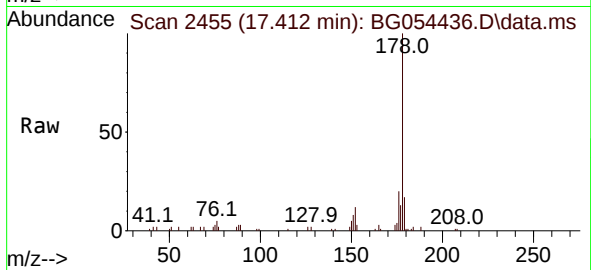
Tgt Ion:188 Resp: 132577
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.5 6.8 10.2#





#71
Phenanthrene
Concen: 3.331 ng
RT: 17.412 min Scan# 2455
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

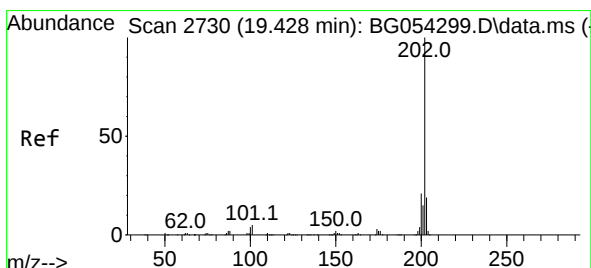
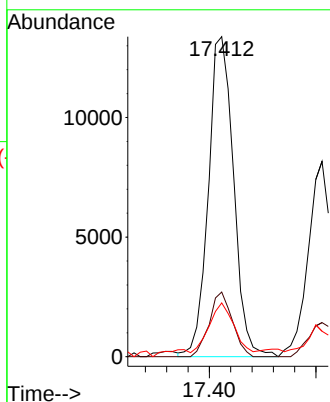
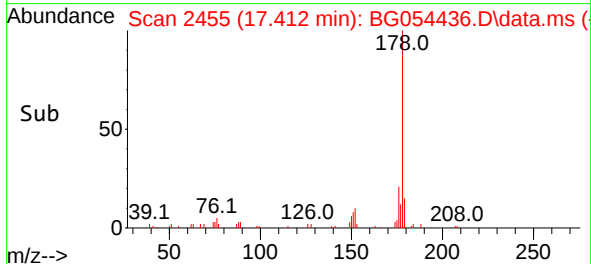
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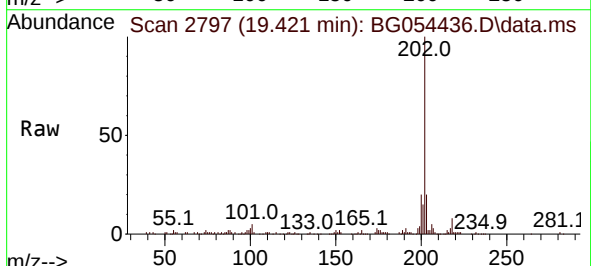
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Ion Ratio Lower Upper
178 100
176 20.2 14.1 21.1
179 16.8 12.1 18.1

Manual Integrations
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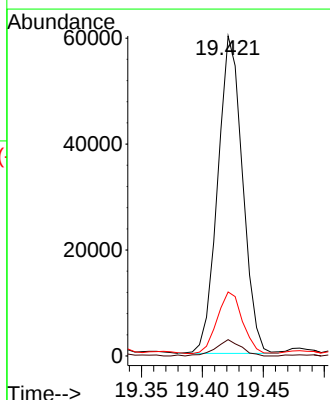
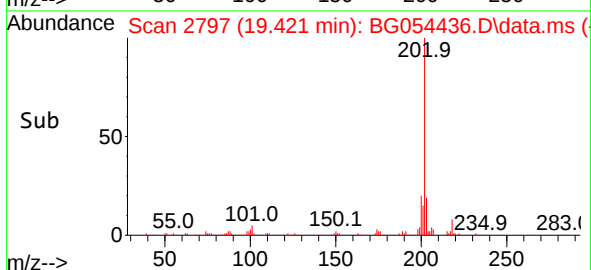
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

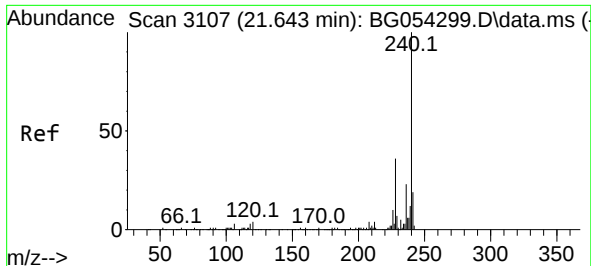


#75
Fluoranthene
Concen: 9.449 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51



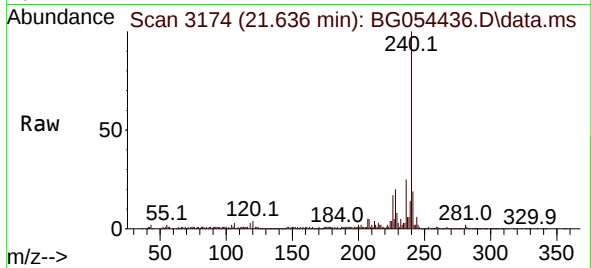
Tgt Ion:202 Resp: 85044
Ion Ratio Lower Upper
202 100
101 5.1 0.0 26.9
203 20.0 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

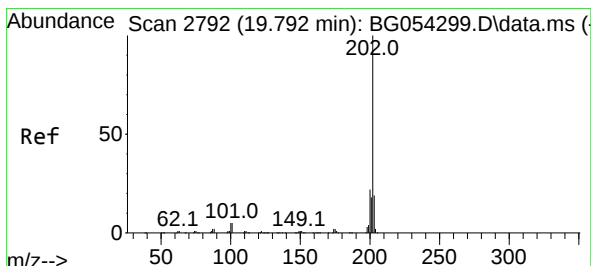
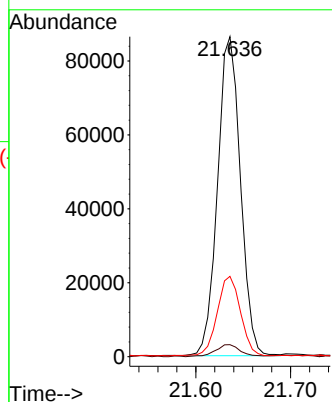
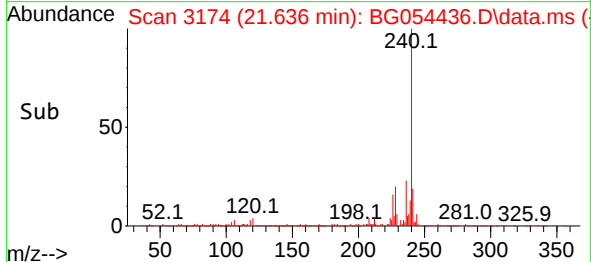
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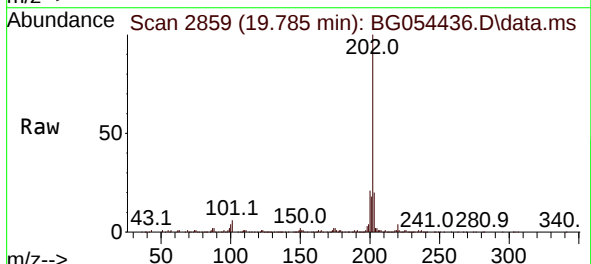
Tgt Ion:240 Resp: 145038
Ion Ratio Lower Upper
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120 3.8 4.6 7.0
236 25.1 20.2 30.4

Manual Integrations
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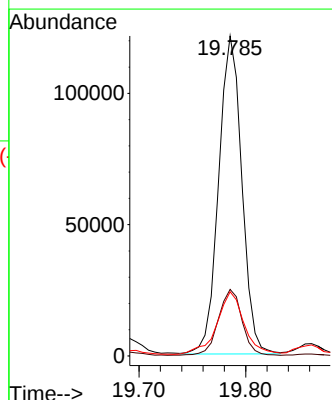
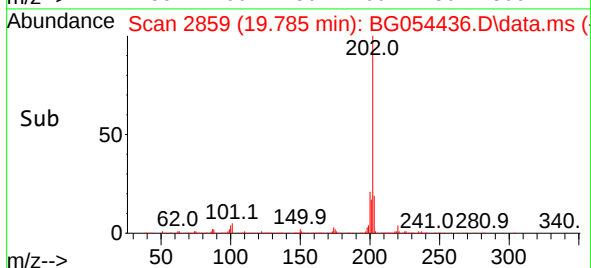
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

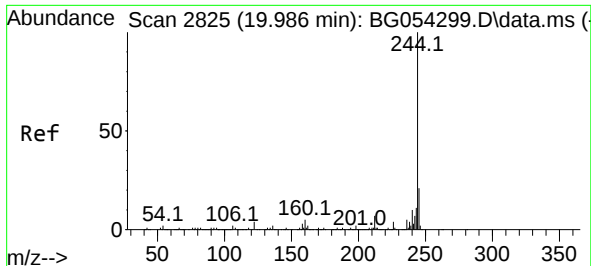


#78
Pyrene
Concen: 21.996 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51



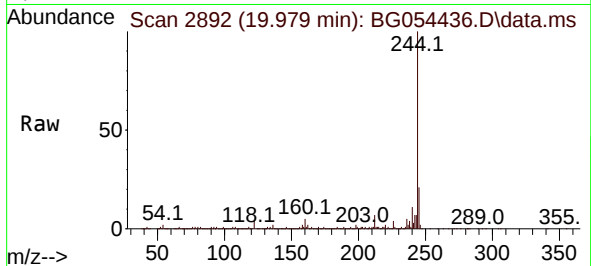
Tgt Ion:202 Resp: 183057
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 20.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 73.546 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054436.D
 Acq: 28 Jul 2022 17:51

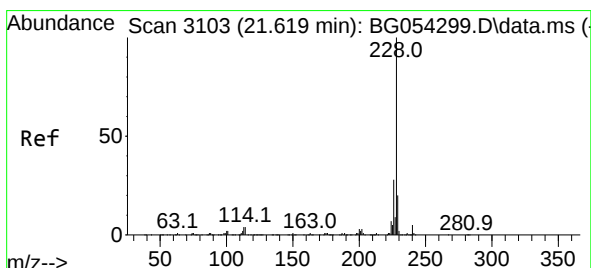
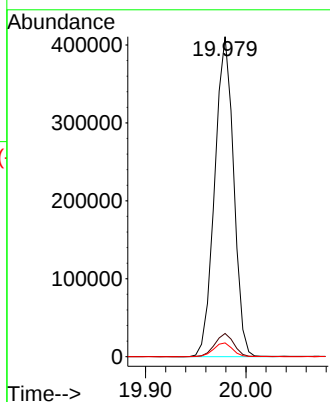
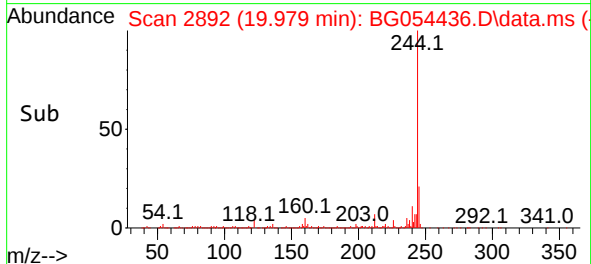
Instrument :
 BNA_G
 ClientSampleId :
 RVE-9



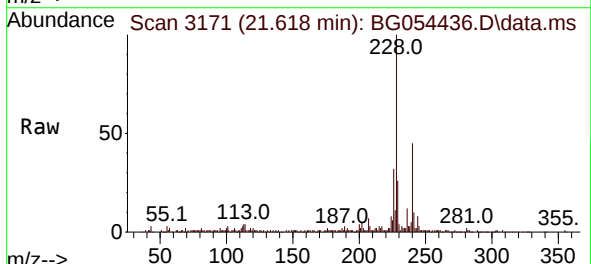
Tgt Ion:244 Resp: 53770
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.3 5.0 7.4

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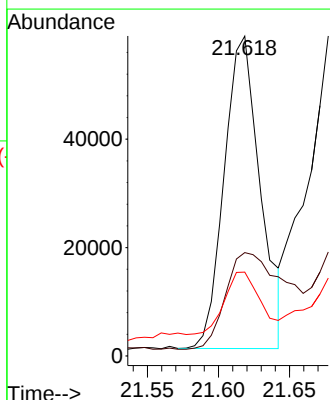
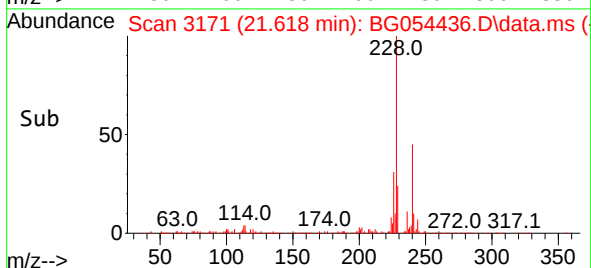
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

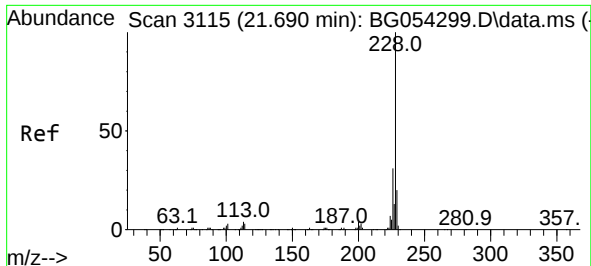


#81
 Benzo(a)anthracene
 Concen: 11.078 ng
 RT: 21.618 min Scan# 3171
 Delta R.T. 0.005 min
 Lab File: BG054436.D
 Acq: 28 Jul 2022 17:51



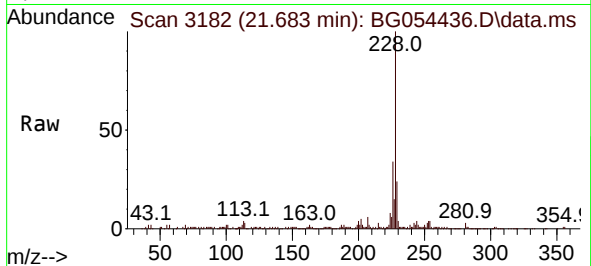
Tgt Ion:228 Resp: 101991
 Ion Ratio Lower Upper
 228 100
 226 32.3 21.6 32.4
 229 26.2 16.2 24.2





#83
Chrysene
Concen: 14.778 ng
RT: 21.683 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

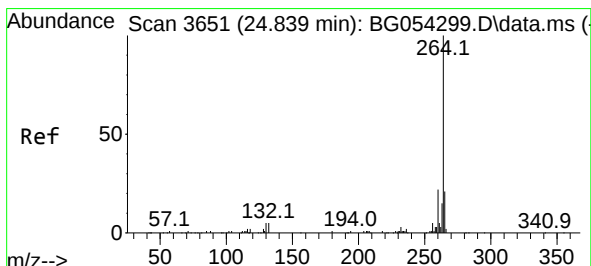
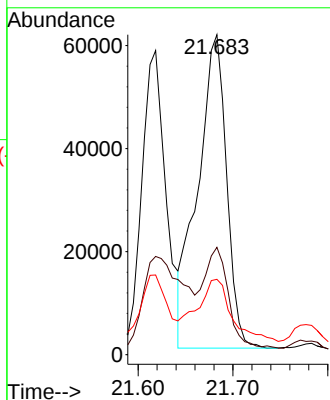
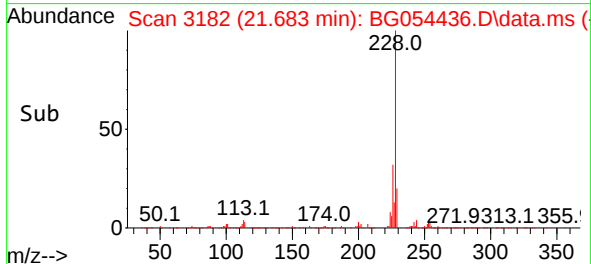
Instrument :
BNA_G
ClientSampleId :
RVE-9



Tgt Ion:228 Resp: 12854
Ion Ratio Lower Upper
228 100
226 33.6 23.4 35.2
229 23.5 15.5 23.3

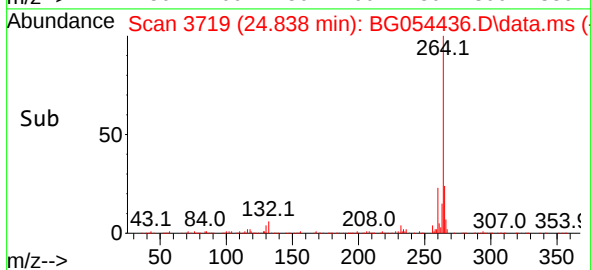
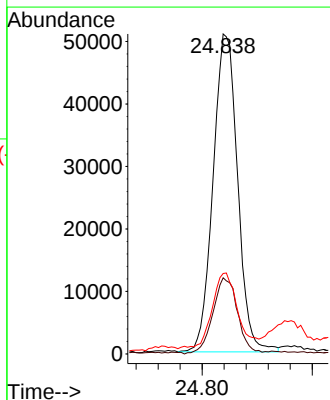
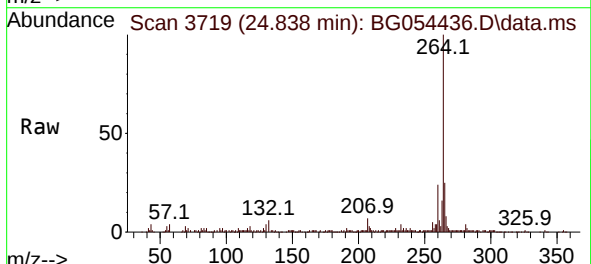
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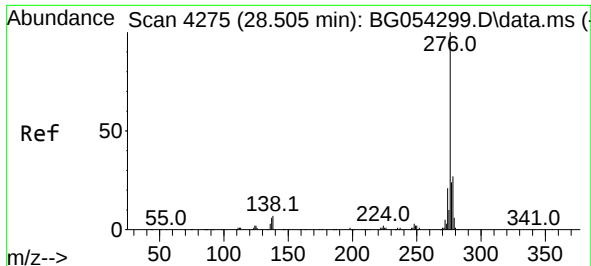
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

Tgt Ion:264 Resp: 157566
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 25.2 17.4 26.2





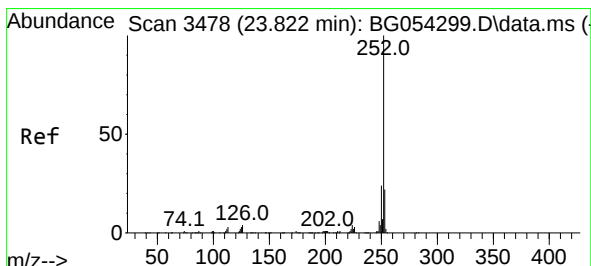
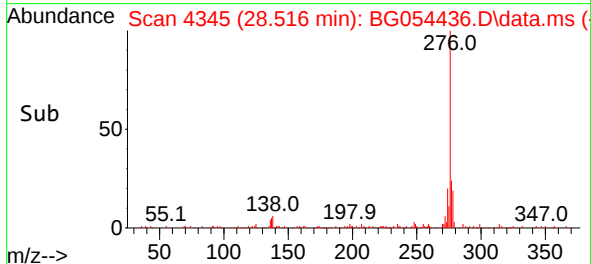
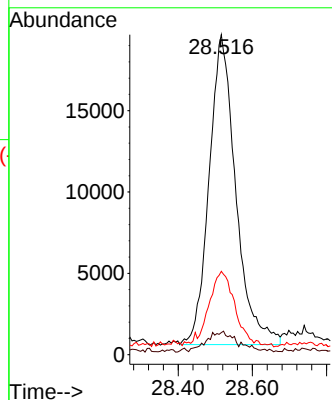
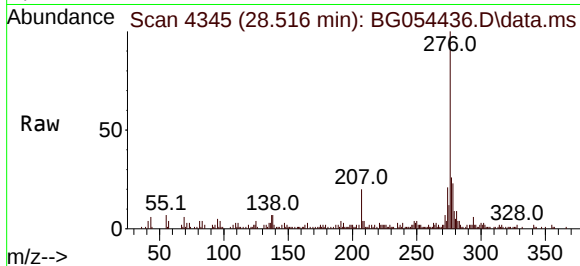
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.934 ng
RT: 28.516 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
RVE-9

Tgt Ion:276 Resp: 9510
Ion Ratio Lower Upper
276 100
138 6.2 5.0 7.4
277 21.7 20.3 30.5

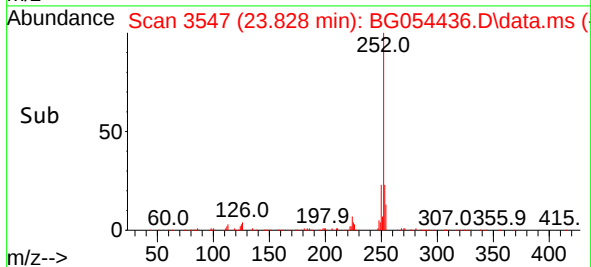
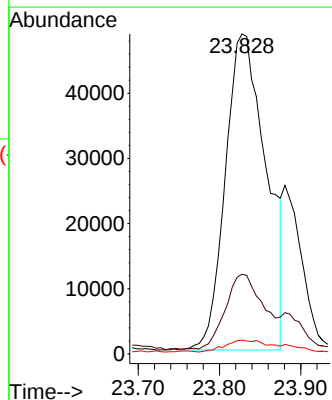
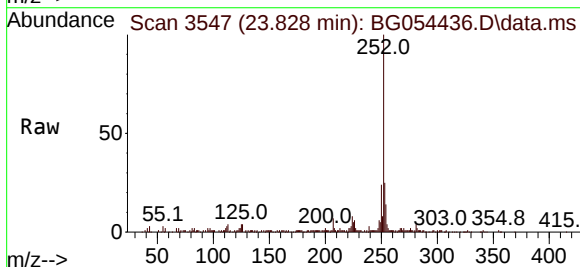
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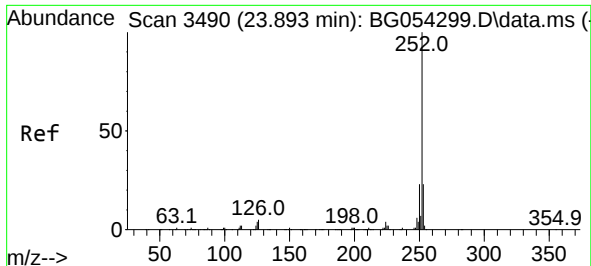
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#88
Benzo(b)fluoranthene
Concen: 18.158 ng
RT: 23.828 min Scan# 3547
Delta R.T. 0.005 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

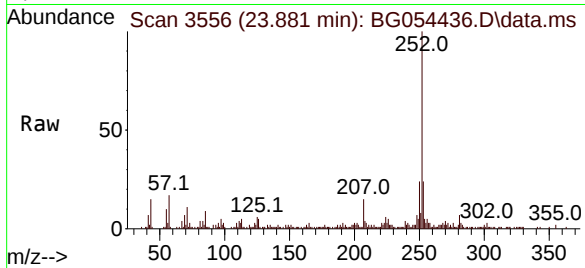
Tgt Ion:252 Resp: 169199
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 4.3 4.6 6.8#





#89
Benzo(k)fluoranthene
Concen: 4.481 ng m
RT: 23.881 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

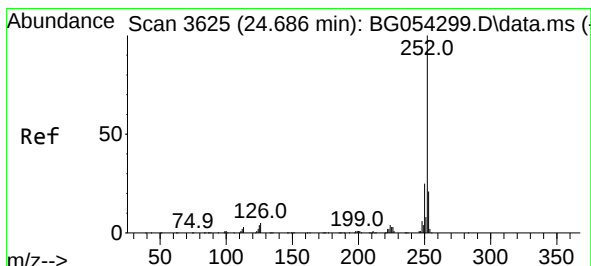
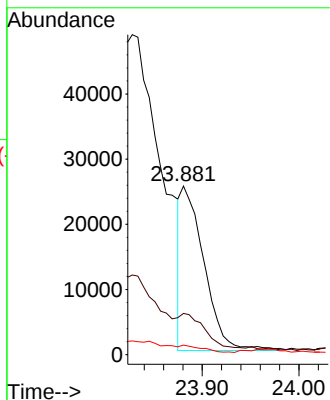
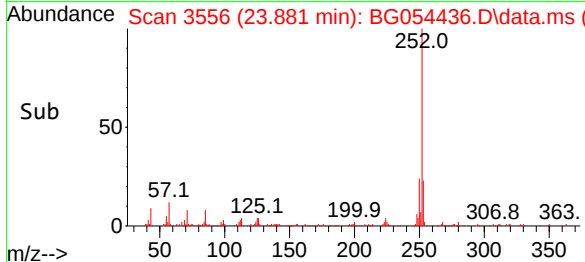
Instrument :
BNA_G
ClientSampleId :
RVE-9



Tgt Ion:252 Resp: 41552
Ion Ratio Lower Upper
252 100
253 24.5 18.4 27.6
125 5.7 4.8 7.2

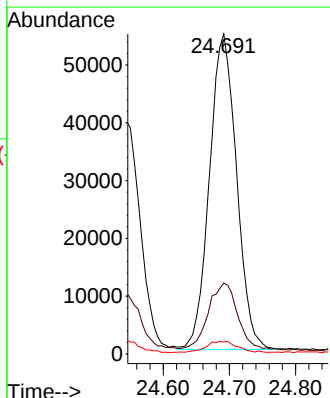
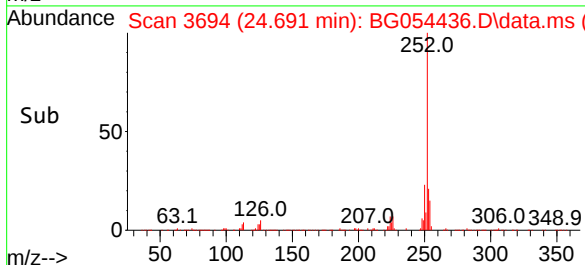
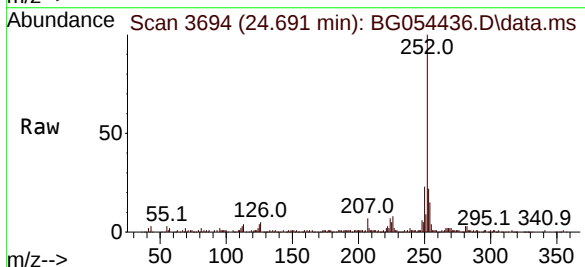
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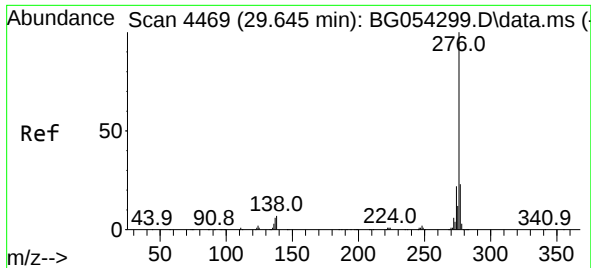
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#90
Benzo(a)pyrene
Concen: 19.525 ng m
RT: 24.691 min Scan# 3694
Delta R.T. 0.005 min
Lab File: BG054436.D
Acq: 28 Jul 2022 17:51

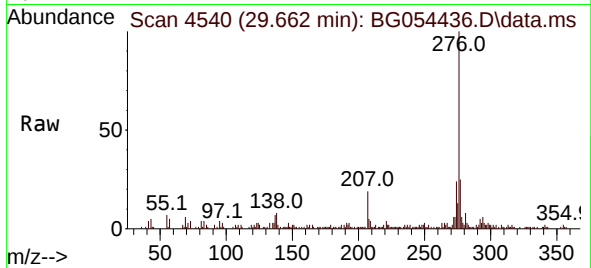
Tgt Ion:252 Resp: 155375
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 3.8 4.3 6.5#





#92
 Benzo(g,h,i)perylene
 Concen: 11.876 ng
 RT: 29.662 min Scan# 4
 Delta R.T. -0.001 min
 Lab File: BG054436.D
 Acq: 28 Jul 2022 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RVE-9



Tgt Ion:276 Resp: 11553
 Ion Ratio Lower Upper
 276 100
 277 25.0 17.3 25.9
 138 8.0 9.6 14.4

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Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

