

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054568.D
 Acq On : 9 Aug 2022 13:37
 Operator : CG/JU
 Sample : N3963-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-222

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 09 17:02:39 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	7.976	152	18700	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	74798	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	56261	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	133744	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	147934	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	156898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	112152	125.219	ng	0.00
7) Phenol-d6	7.177	99	158084	128.811	ng	0.00
23) Nitrobenzene-d5	9.145	82	107682	78.398	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	129120	109.306	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	324674	81.409	ng	0.00
79) Terphenyl-d14	19.973	244	623868	83.661	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.406	178	17315	2.600	ng	97
75) Fluoranthene	19.421	202	62030	6.832	ng	96
78) Pyrene	19.779	202	61054	7.193	ng	98
81) Benzo(a)anthracene	21.613	228	35702	3.802	ng	97
83) Chrysene	21.677	228	44724m	5.041	ng	
88) Benzo(b)fluoranthene	23.822	252	70115m	7.557	ng	
89) Benzo(k)fluoranthene	23.886	252	24764m	2.682	ng	
90) Benzo(a)pyrene	24.691	252	44269	5.587	ng	98
92) Benzo(g,h,i)perylene	29.680	276	34809	3.593	ng	95

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

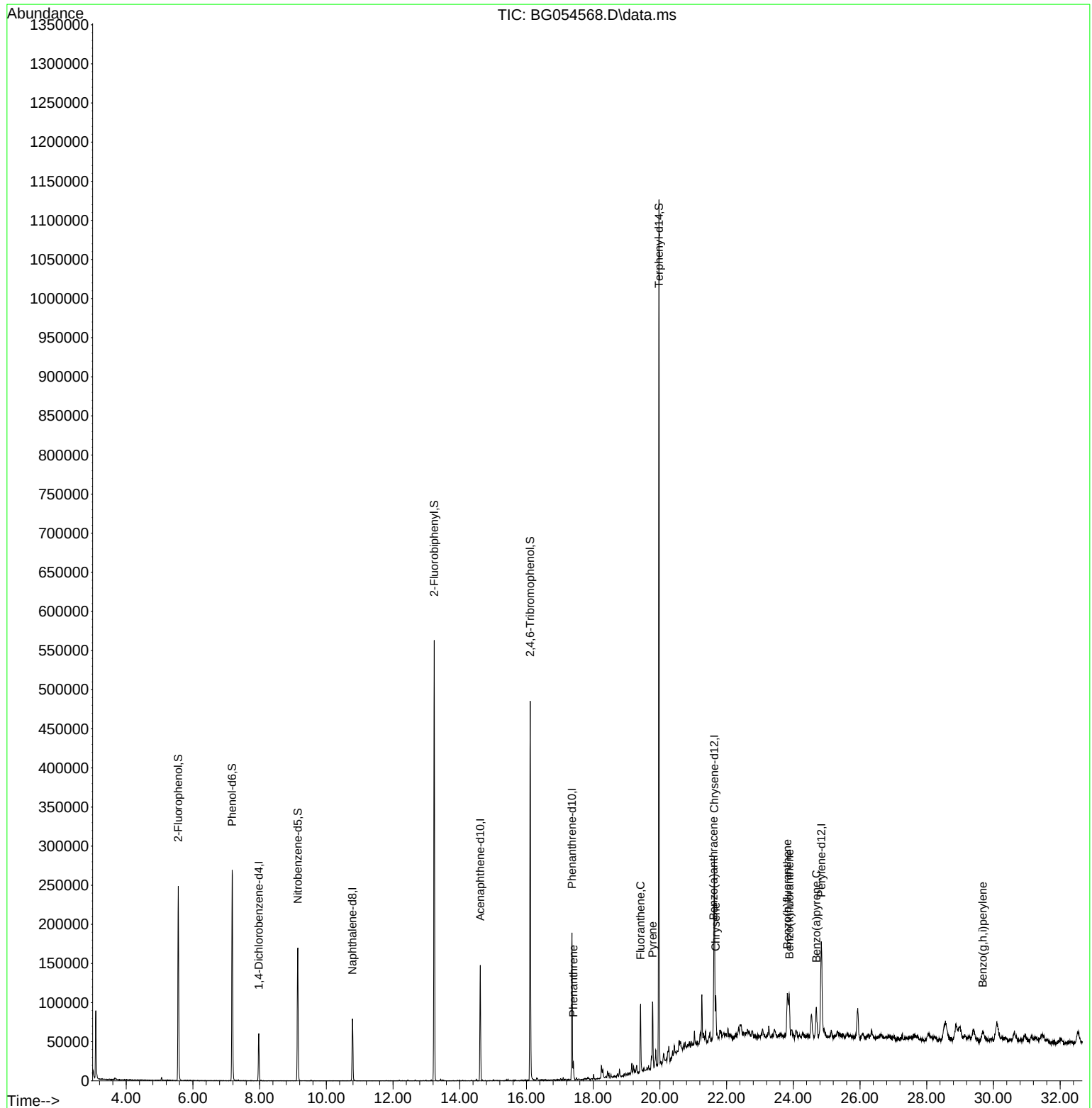
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054568.D
Acq On : 9 Aug 2022 13:37
Operator : CG/JU
Sample : N3963-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

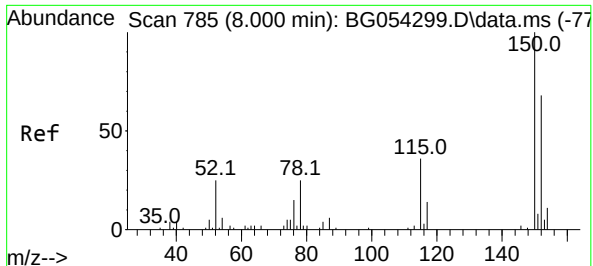
Instrument :
BNA_G
ClientSampleId :
RVE-222

Quant Time: Aug 09 17:02:39 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
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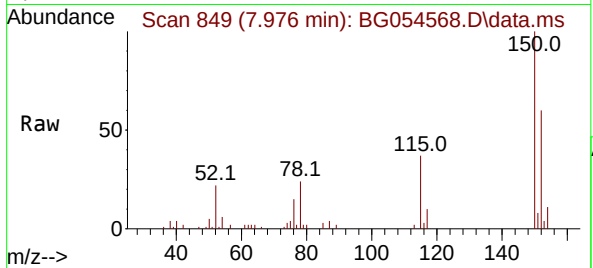
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 849
Delta R.T. 0.004 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

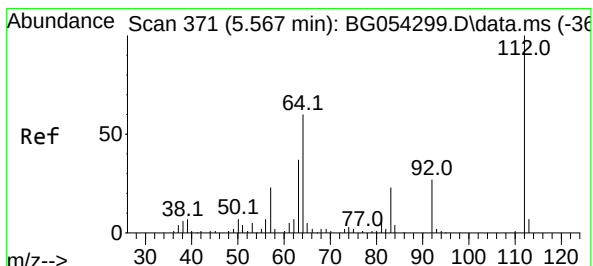
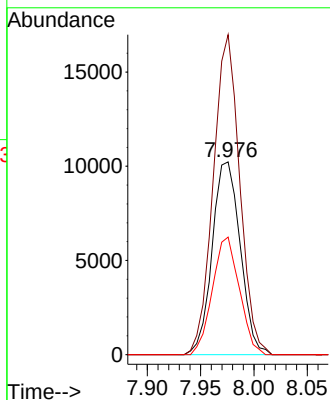
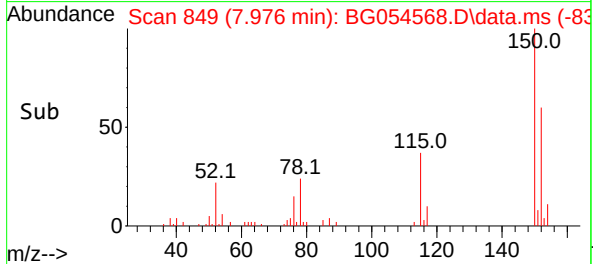
Instrument :
BNA_G
ClientSampleId :
RVE-222



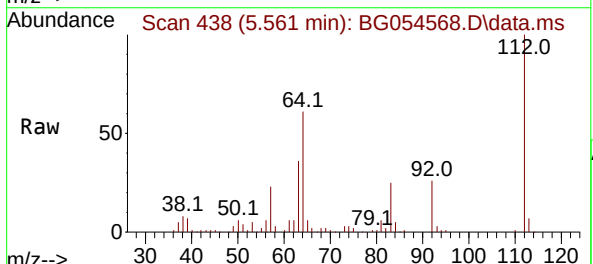
Tgt Ion:152 Resp: 18700
Ion Ratio Lower Upper
152 100
150 166.0 131.6 197.4
115 61.0 50.9 76.3

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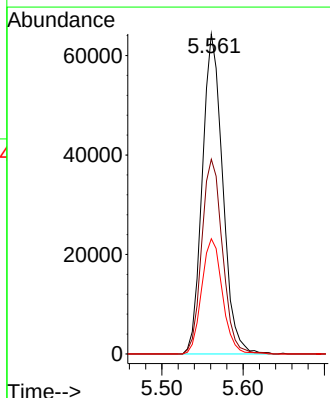
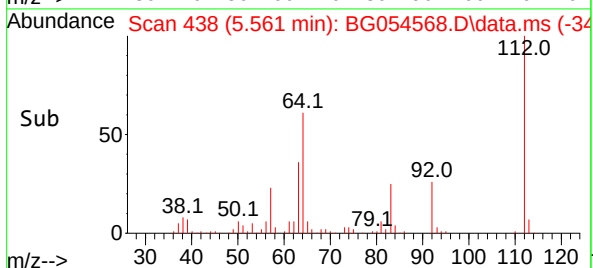
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

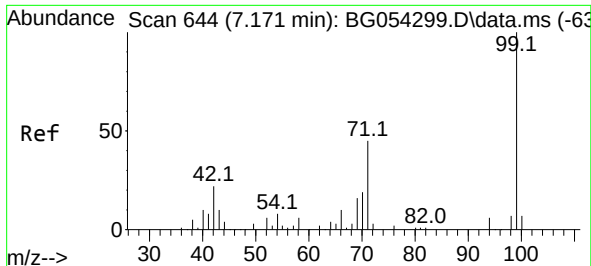


#5
2-Fluorophenol
Concen: 125.219 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37



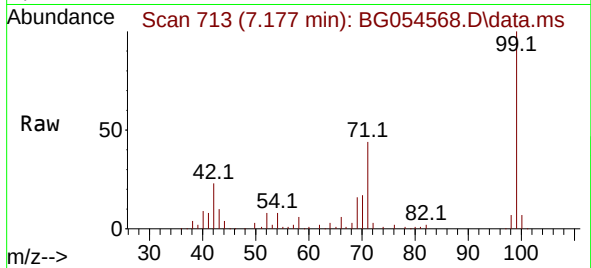
Tgt Ion:112 Resp: 112152
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 36.0 30.4 45.6





#7
Phenol-d6
Concen: 128.811 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

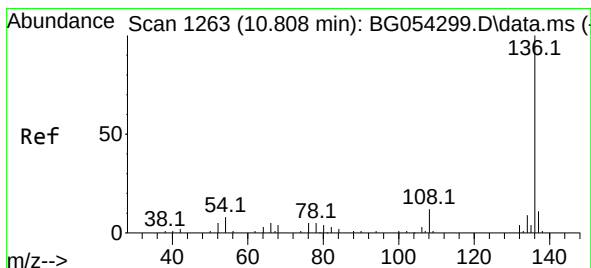
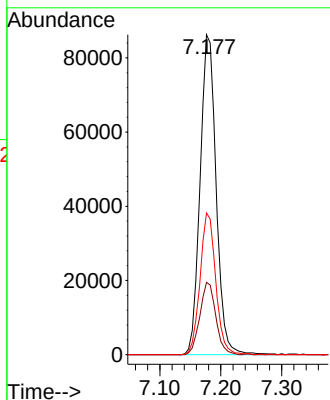
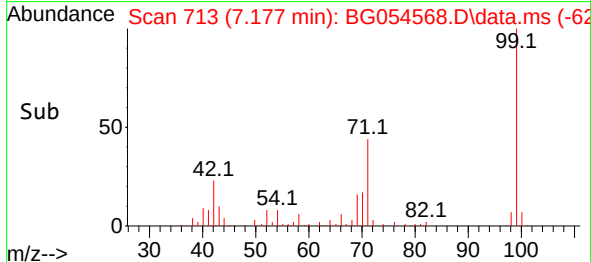
Instrument :
BNA_G
ClientSampleId :
RVE-222



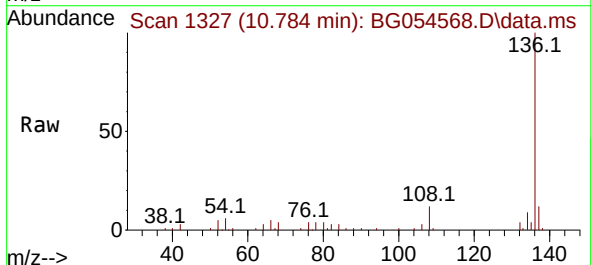
Tgt Ion: 99 Resp: 158084
Ion Ratio Lower Upper
99 100
42 22.6 17.0 25.6
71 44.3 33.8 50.8

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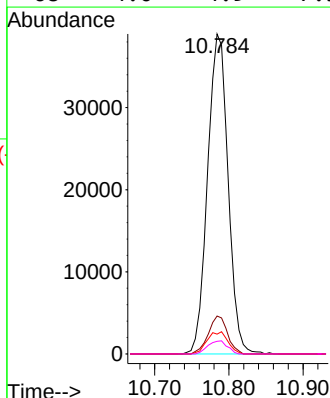
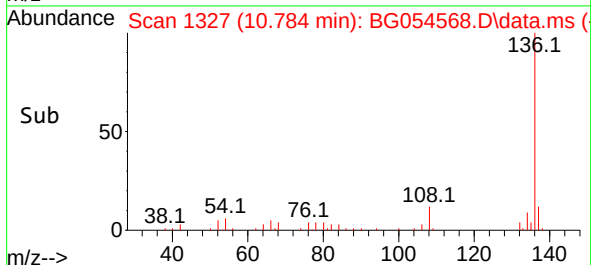
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

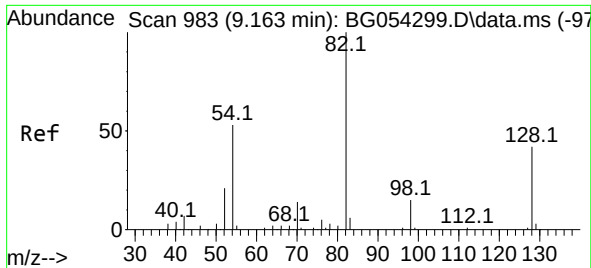


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1327
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37



Tgt Ion:136 Resp: 74798
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 6.2 7.4 11.2#
68 4.0 4.9 7.3#





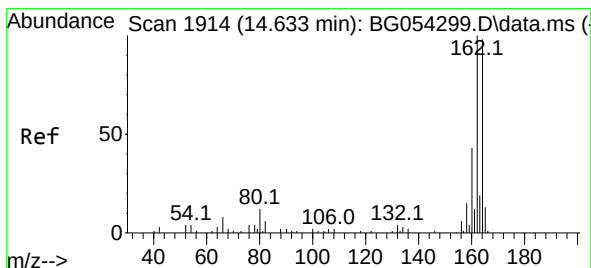
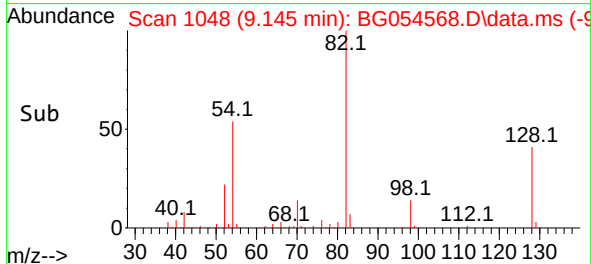
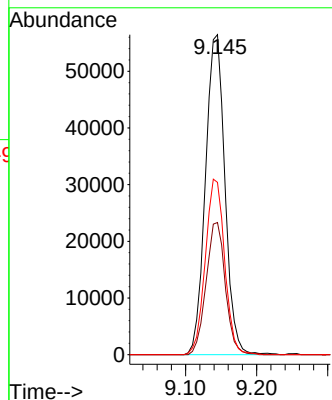
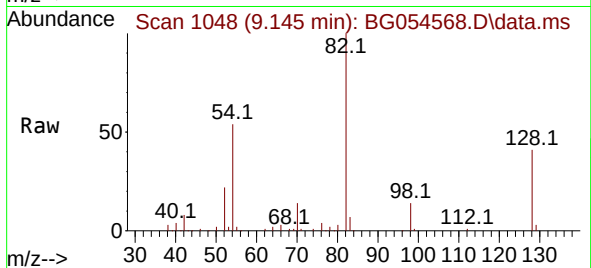
#23
Nitrobenzene-d5
Concen: 78.398 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

Instrument :
BNA_G
ClientSampleId :
RVE-222

Tgt Ion: 82 Resp: 10768
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 53.8 41.2 61.8

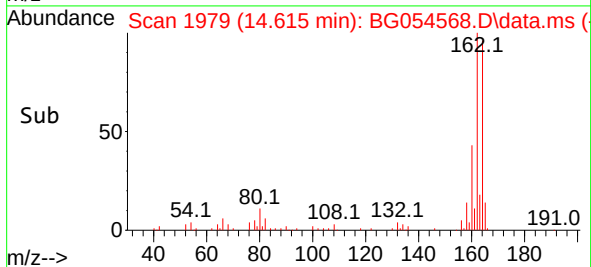
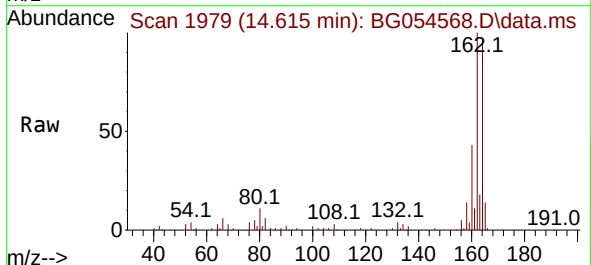
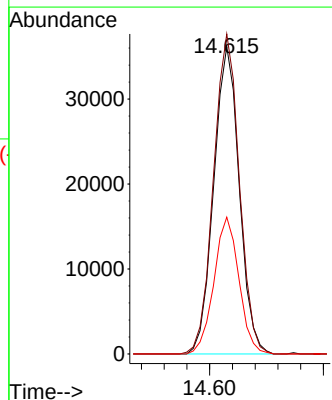
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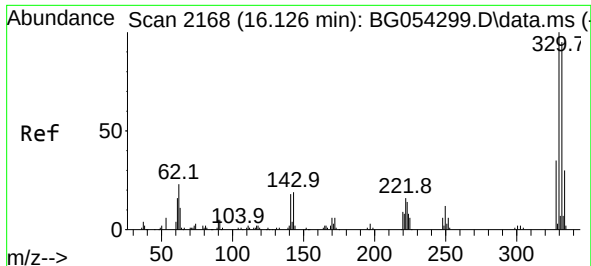
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

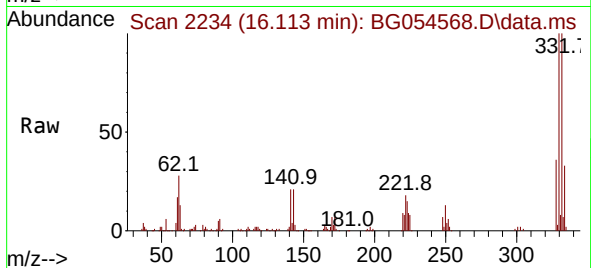
Tgt Ion:164 Resp: 56261
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 44.5 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 109.306 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

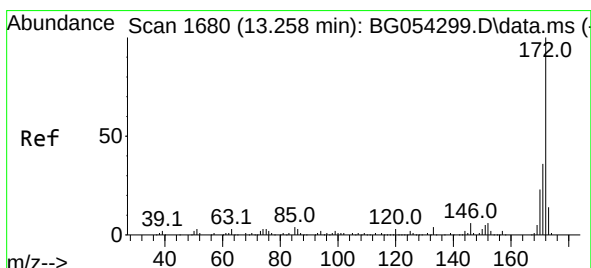
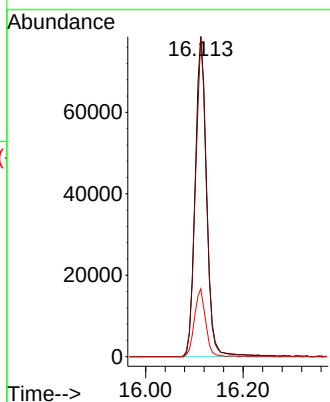
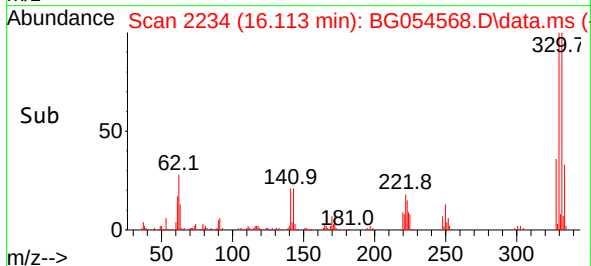
Instrument :
BNA_G
ClientSampleId :
RVE-222



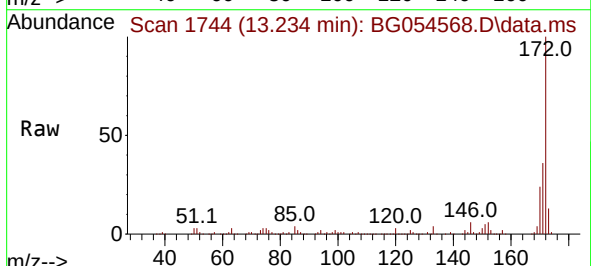
Tgt Ion:330 Resp: 129120
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 20.5 27.1 40.7

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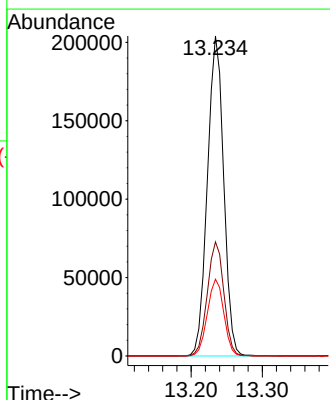
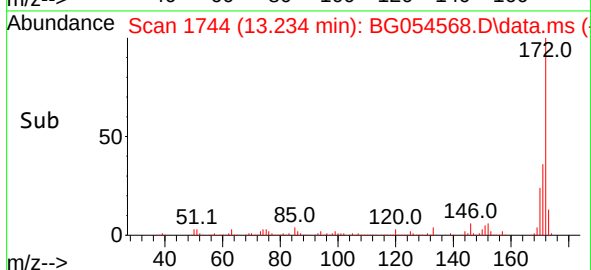
Reviewed By :Christian Giraldo 08/10/2022
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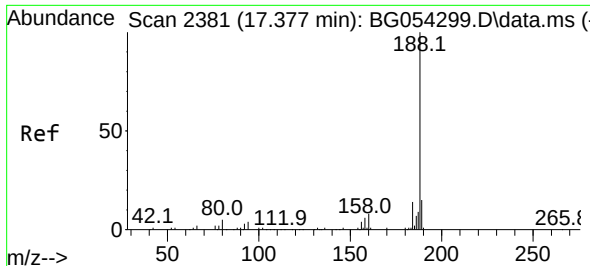


#45
2-Fluorobiphenyl
Concen: 81.409 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37



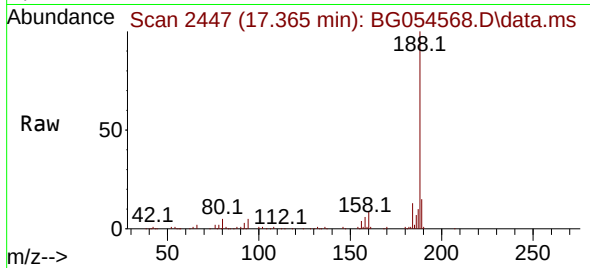
Tgt Ion:172 Resp: 324674
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

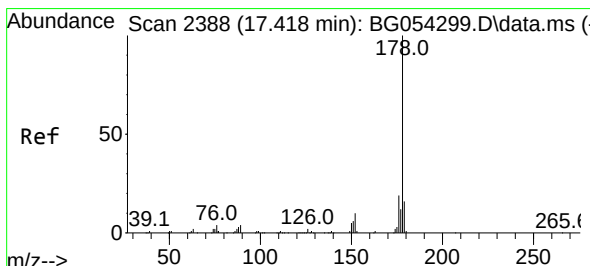
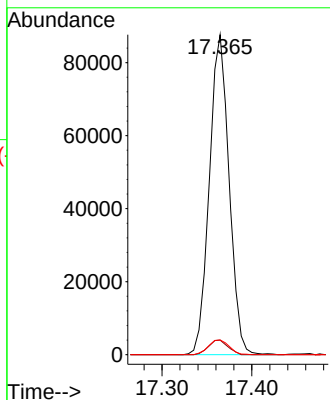
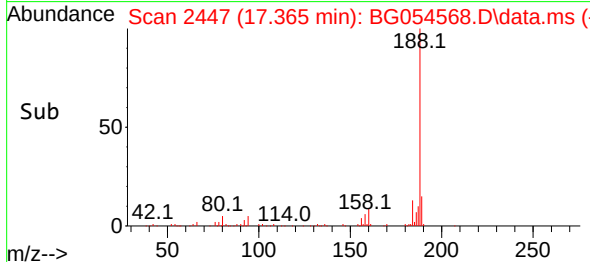
Instrument :
BNA_G
ClientSampleId :
RVE-222



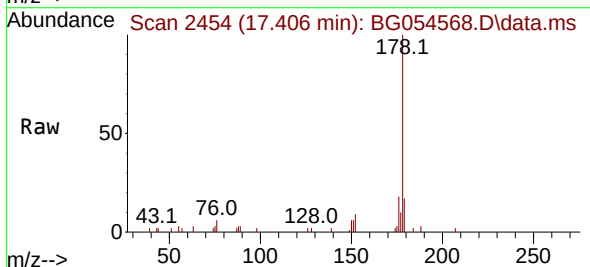
Tgt Ion:188 Resp: 133744
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0
80 4.6 6.8 10.2

Manual Integrations
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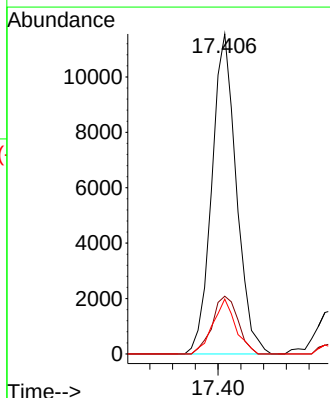
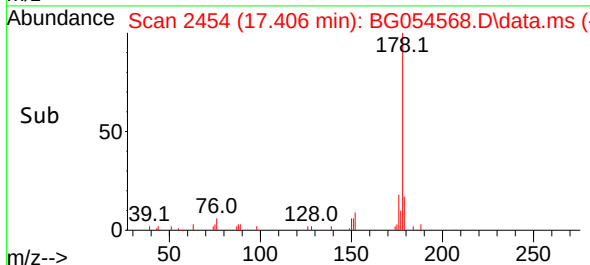
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

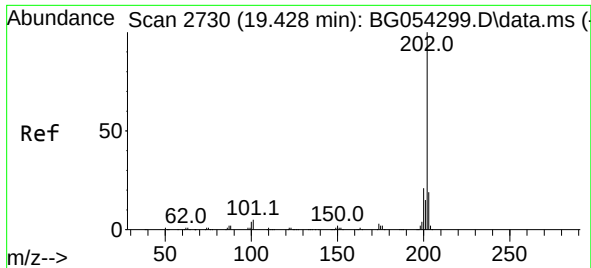


#71
Phenanthrene
Concen: 2.600 ng
RT: 17.406 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37



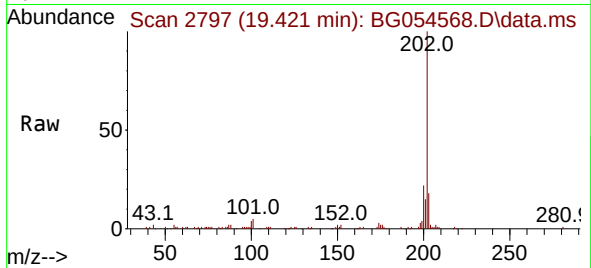
Tgt Ion:178 Resp: 17315
Ion Ratio Lower Upper
178 100
176 18.1 14.1 21.1
179 17.1 12.1 18.1





#75
Fluoranthene
Concen: 6.832 ng
RT: 19.421 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

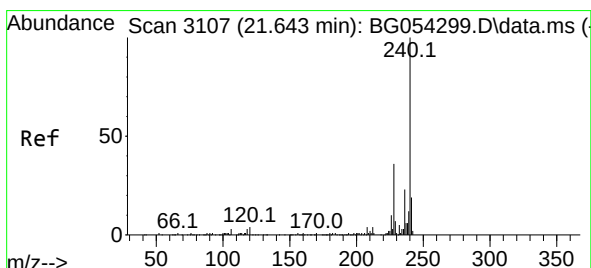
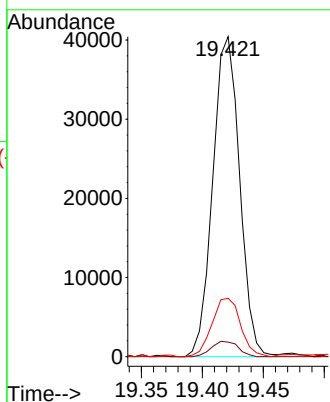
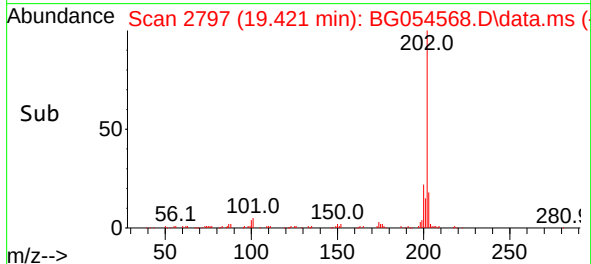
Instrument :
BNA_G
ClientSampleId :
RVE-222



Tgt Ion:202 Resp: 62030
Ion Ratio Lower Upper
202 100
101 4.6 0.0 26.9
203 18.3 0.0 37.2

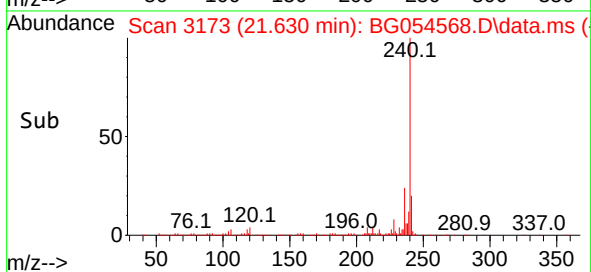
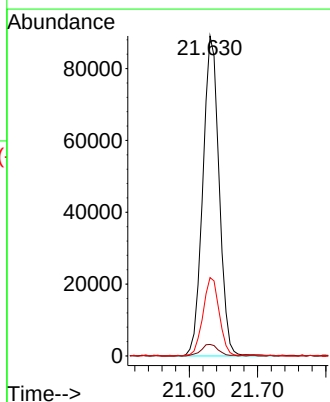
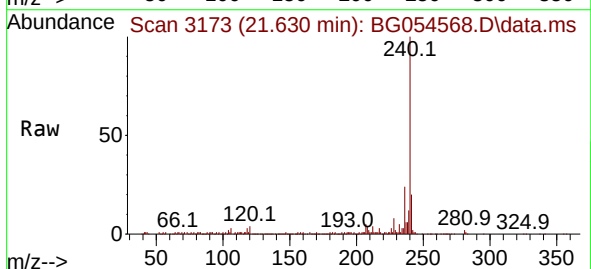
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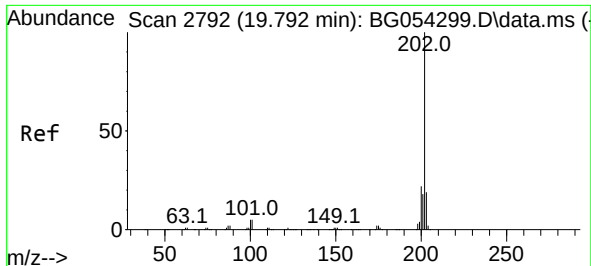
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

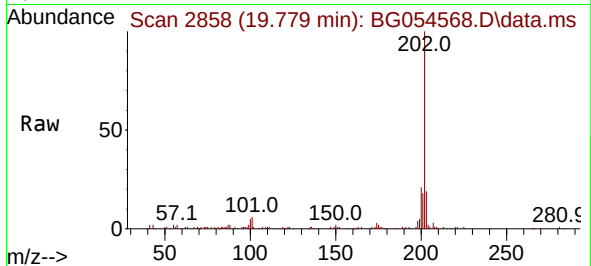
Tgt Ion:240 Resp: 147934
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.5 20.2 30.4





#78
Pyrene
Concen: 7.193 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

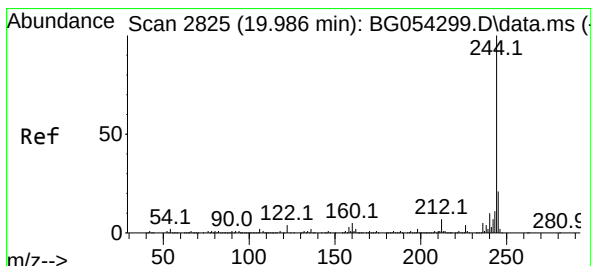
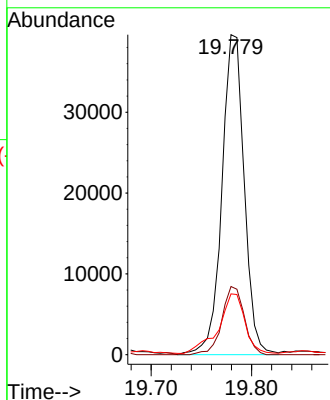
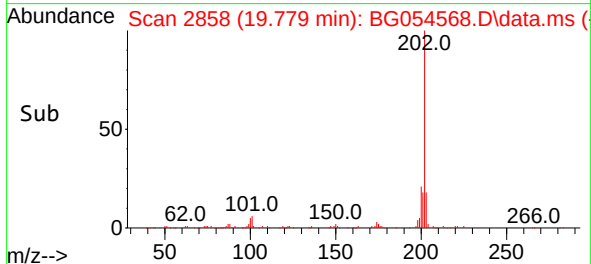
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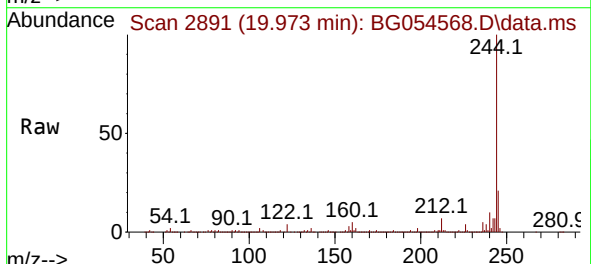
Tgt Ion:202 Resp: 61054
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 19.0 14.6 21.8

Manual Integrations
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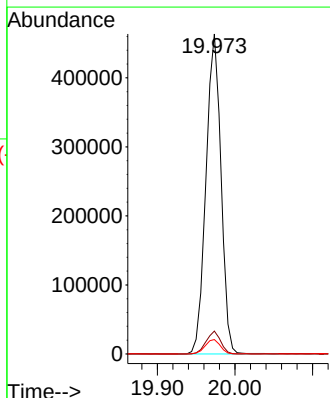
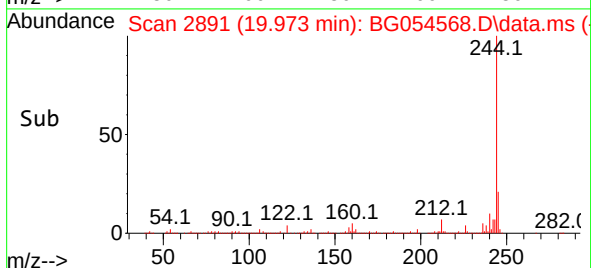
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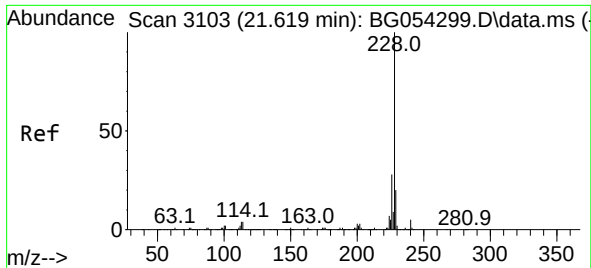


#79
Terphenyl-d14
Concen: 83.661 ng
RT: 19.973 min Scan# 2891
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37



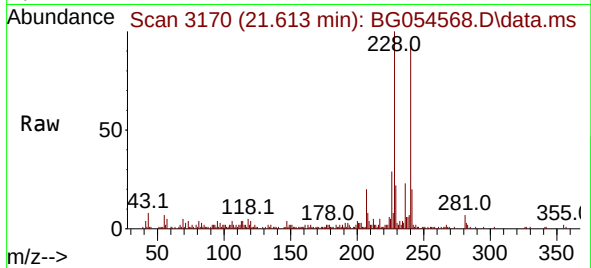
Tgt Ion:244 Resp: 623868
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.5 5.0 7.4





#81
Benzo(a)anthracene
Concen: 3.802 ng
RT: 21.613 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

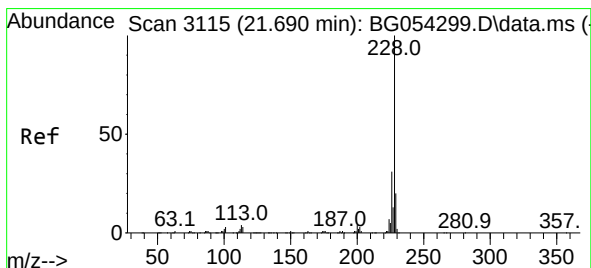
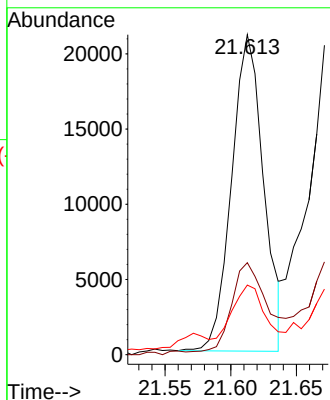
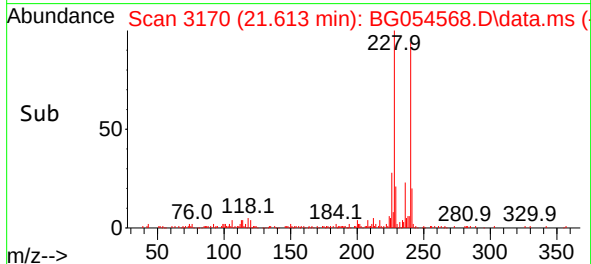
Instrument :
BNA_G
ClientSampleId :
RVE-222



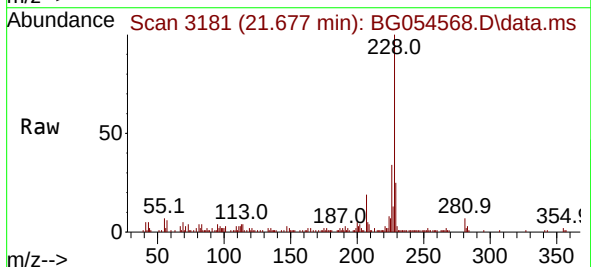
Tgt Ion:228 Resp: 35702
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 21.7 16.2 24.2

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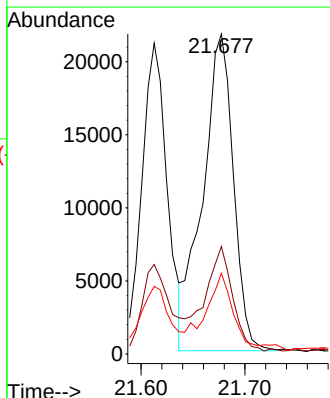
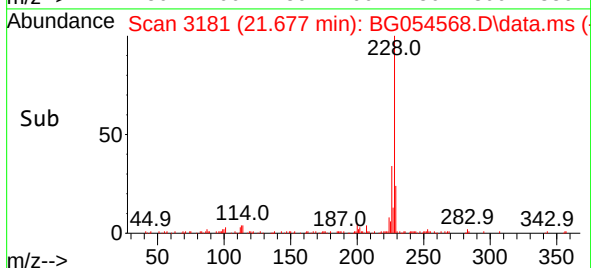
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

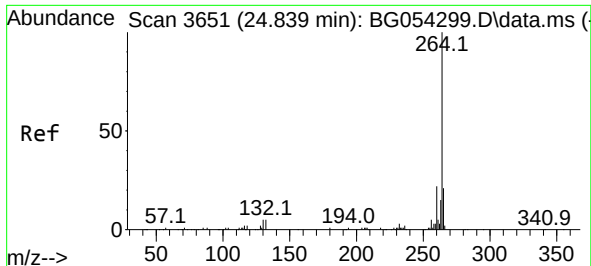


#83
Chrysene
Concen: 5.041 ng m
RT: 21.677 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37



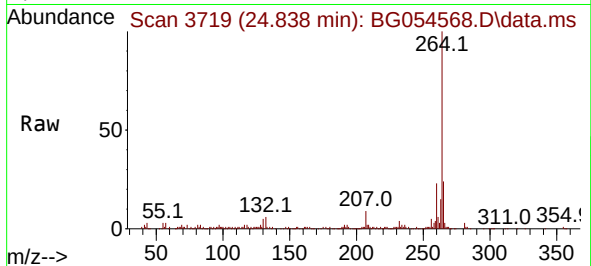
Tgt Ion:228 Resp: 44724
Ion Ratio Lower Upper
228 100
226 33.6 23.4 35.2
229 25.2 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

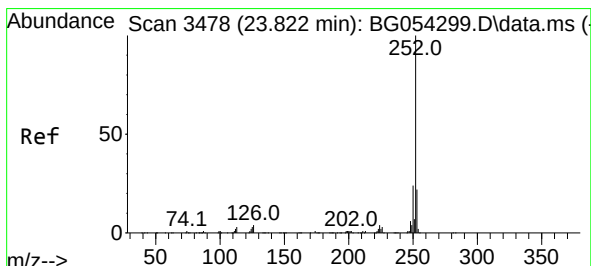
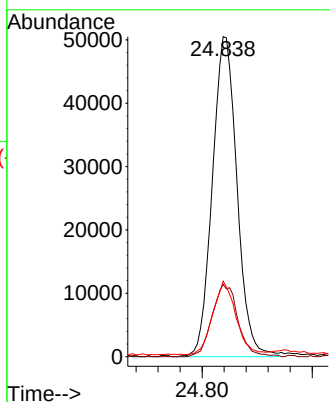
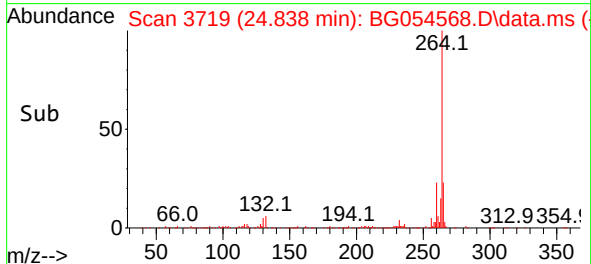
Instrument :
BNA_G
ClientSampleId :
RVE-222



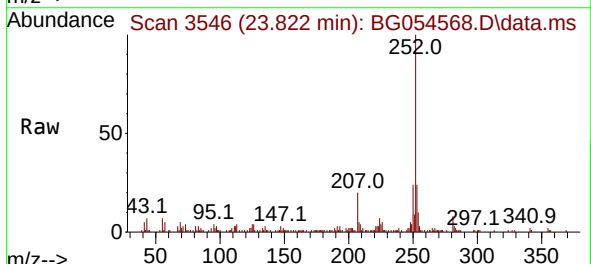
Tgt Ion:264 Resp: 156898
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 23.6 17.4 26.2

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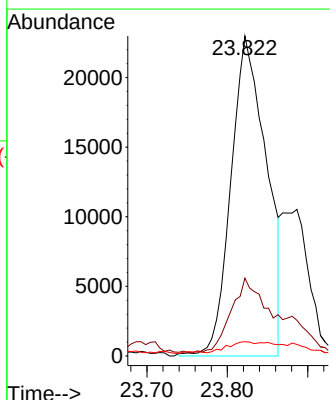
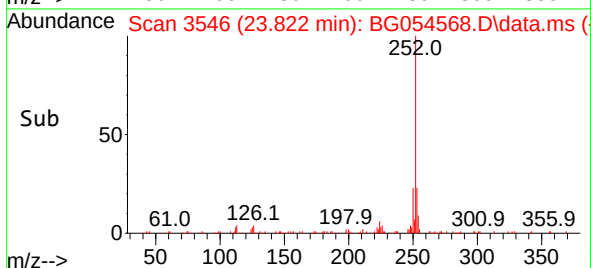
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

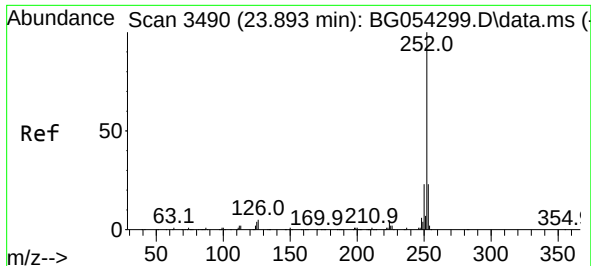


#88
Benzo(b)fluoranthene
Concen: 7.557 ng m
RT: 23.822 min Scan# 3546
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37



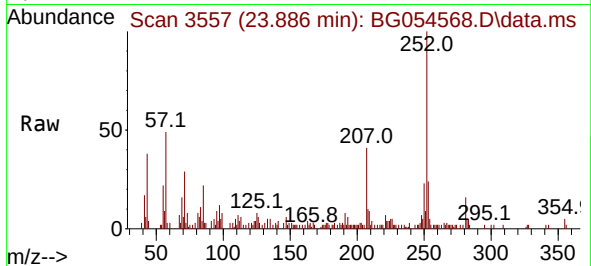
Tgt Ion:252 Resp: 70115
Ion Ratio Lower Upper
252 100
253 24.3 18.0 27.0
125 4.5 4.6 6.8#





#89
Benzo(k)fluoranthene
Concen: 2.682 ng m
RT: 23.886 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

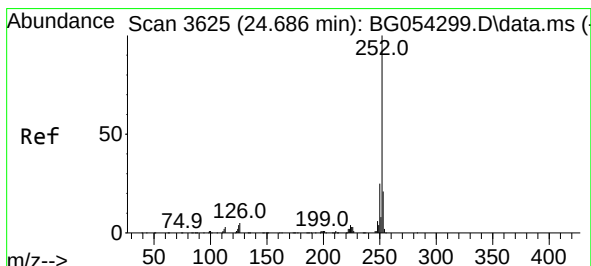
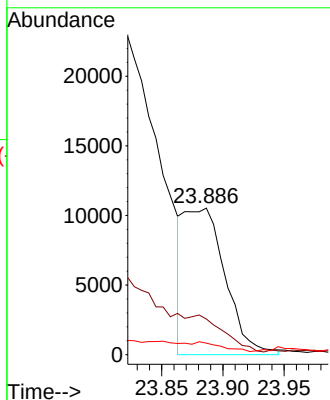
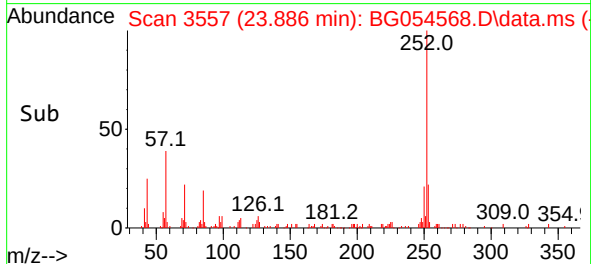
Instrument :
BNA_G
ClientSampleId :
RVE-222



Tgt Ion:252 Resp: 24764
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 7.9 4.8 7.2

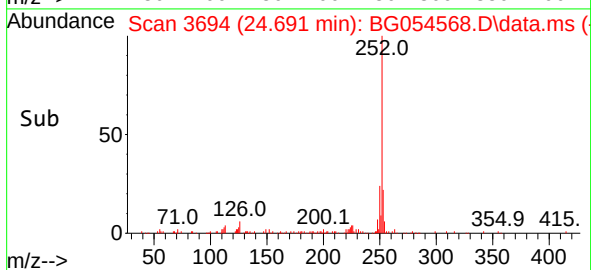
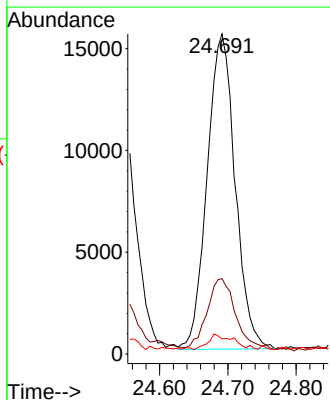
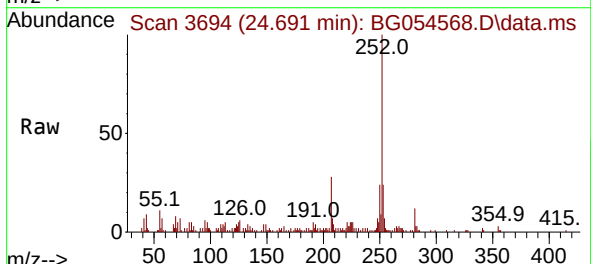
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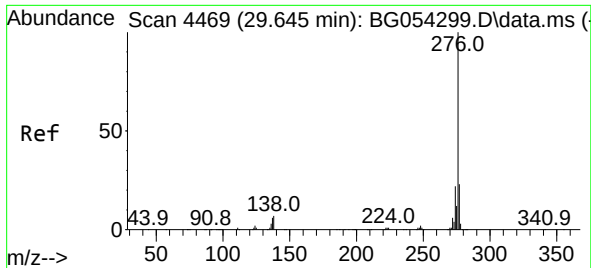
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#90
Benzo(a)pyrene
Concen: 5.587 ng
RT: 24.691 min Scan# 3694
Delta R.T. 0.003 min
Lab File: BG054568.D
Acq: 9 Aug 2022 13:37

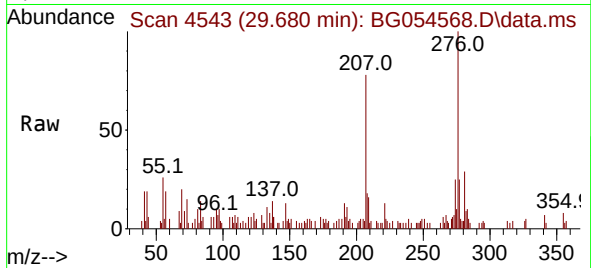
Tgt Ion:252 Resp: 44269
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 4.7 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 3.593 ng
 RT: 29.680 min Scan# 4543
 Delta R.T. 0.003 min
 Lab File: BG054568.D
 Acq: 9 Aug 2022 13:37

Instrument :
 BNA_G
 ClientSampleId :
 RVE-222



Tgt Ion: 276 Resp: 34809
 Ion Ratio Lower Upper
 276 100
 277 25.3 17.3 25.9
 138 12.1 9.6 14.4

Manual Integrations
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Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

