

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054507.D
 Acq On : 3 Aug 2022 20:13
 Operator : CG/JU
 Sample : N3935-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-147

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 00:44:38 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	7.979	152	21851	20.000	ng	0.00
21) Naphthalene-d8	10.788	136	83015	20.000	ng	# 0.00
39) Acenaphthene-d10	14.619	164	60178	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	144168	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	157686	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	165396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	154056	147.202	ng	0.00
7) Phenol-d6	7.186	99	200191	139.598	ng	0.01
23) Nitrobenzene-d5	9.149	82	134771	88.408	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	164483	130.179	ng	0.00
45) 2-Fluorobiphenyl	13.238	172	392747	92.068	ng	0.00
79) Terphenyl-d14	19.977	244	710340	89.366	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.404	178	24715	3.442	ng	98
75) Fluoranthene	19.419	202	63457	6.484	ng	94
78) Pyrene	19.783	202	93578	10.343	ng	98
81) Benzo(a)anthracene	21.616	228	48246	4.820	ng	92
83) Chrysene	21.675	228	57856	6.118	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.520	276	36893	2.932	ng	# 75
88) Benzo(b)fluoranthene	23.826	252	71535	7.313	ng	97
90) Benzo(a)pyrene	24.689	252	56755	6.794	ng	98
92) Benzo(g,h,i)perylene	29.672	276	43970	4.306	ng	# 92

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

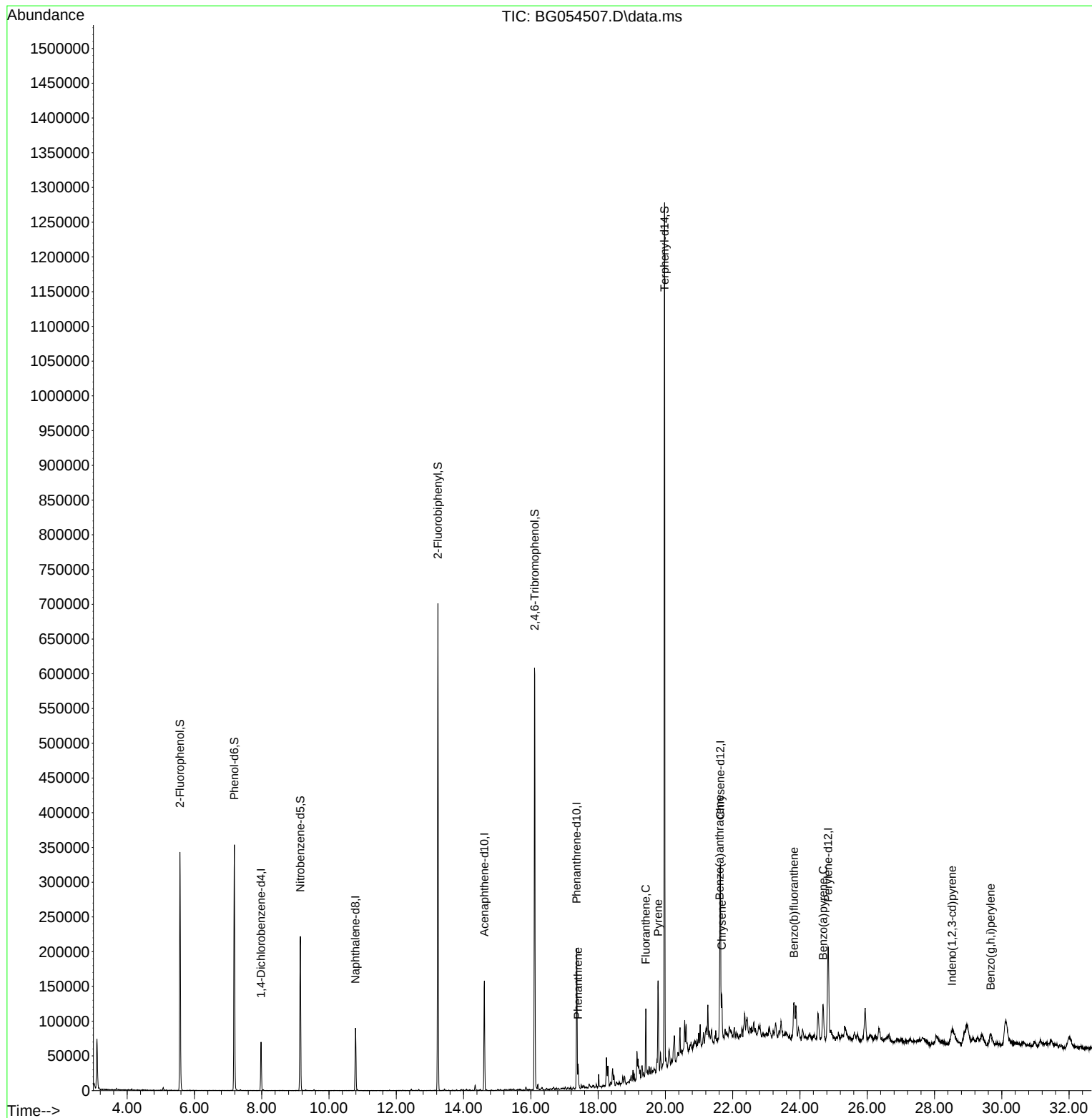
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
Data File : BG054507.D
Acq On : 3 Aug 2022 20:13
Operator : CG/JU
Sample : N3935-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

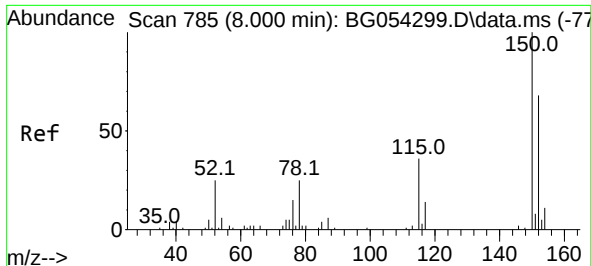
Instrument :
BNA_G
ClientSampleId :
RVE-147

Quant Time: Aug 04 00:44:38 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

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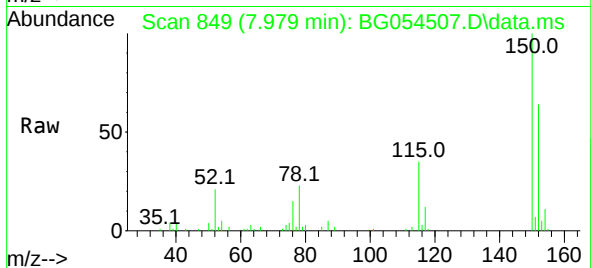
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

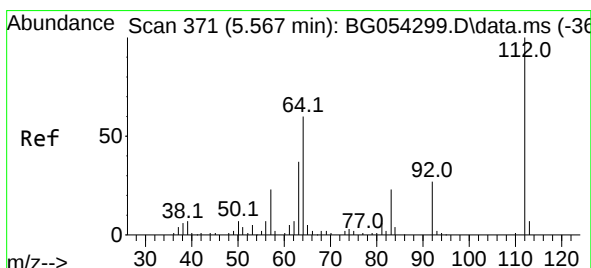
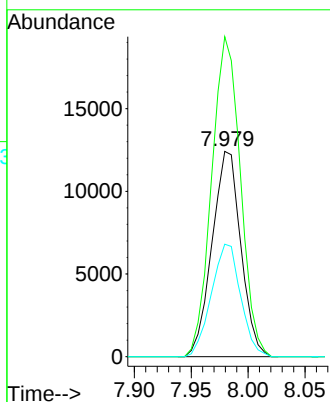
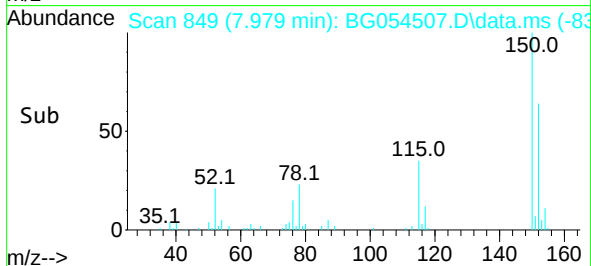
Instrument :
BNA_G
ClientSampleId :
RVE-147



Tgt Ion:152 Resp: 2185
Ion Ratio Lower Upper
152 100
150 155.9 131.6 197.4
115 54.8 50.9 76.3

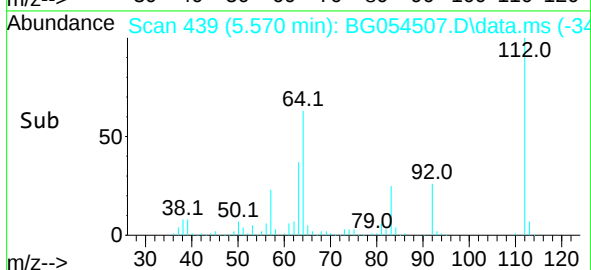
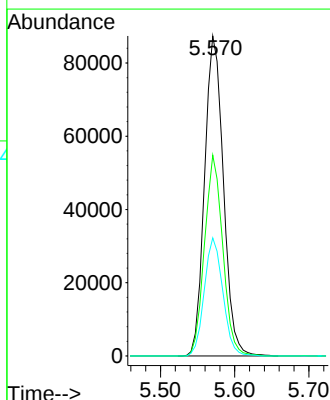
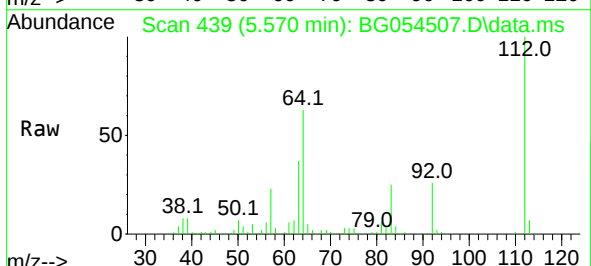
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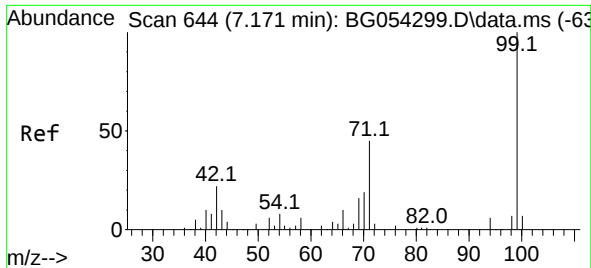
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 147.202 ng
RT: 5.570 min Scan# 439
Delta R.T. 0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

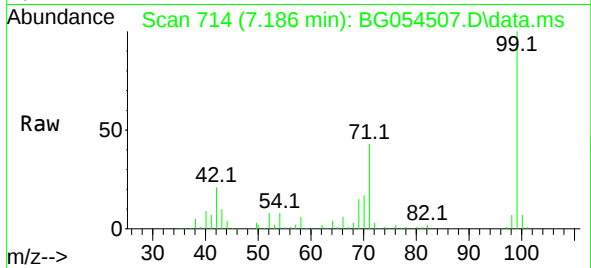
Tgt Ion:112 Resp: 154056
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 36.9 30.4 45.6





#7
Phenol-d6
Concen: 139.598 ng
RT: 7.186 min Scan# 71
Delta R.T. 0.015 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

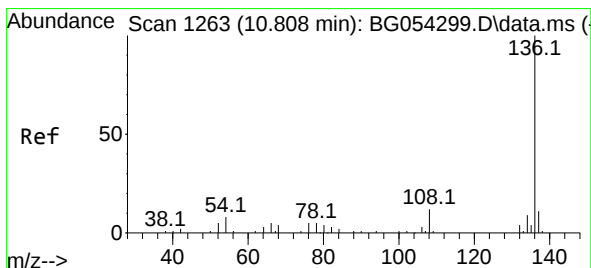
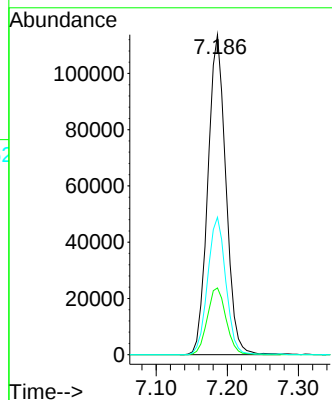
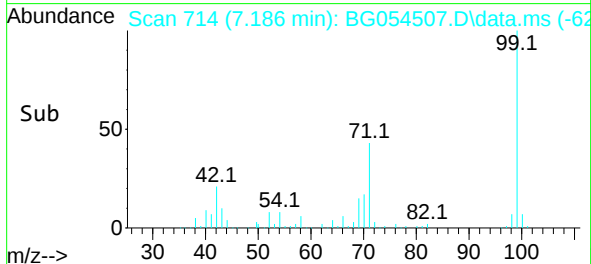
Instrument :
BNA_G
ClientSampleId :
RVE-147



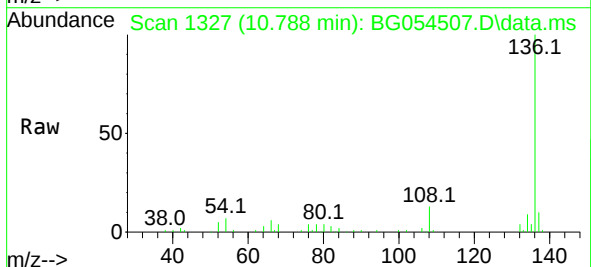
Tgt Ion: 99 Resp: 20019
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.9 33.8 50.8

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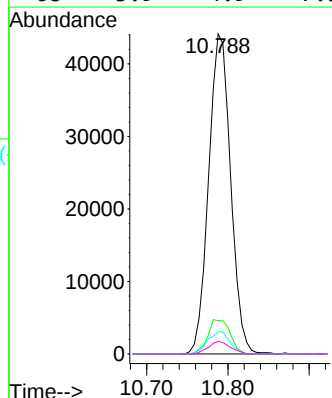
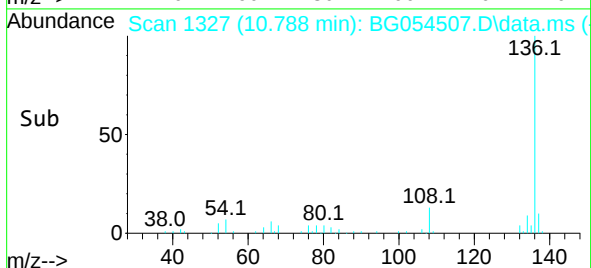
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

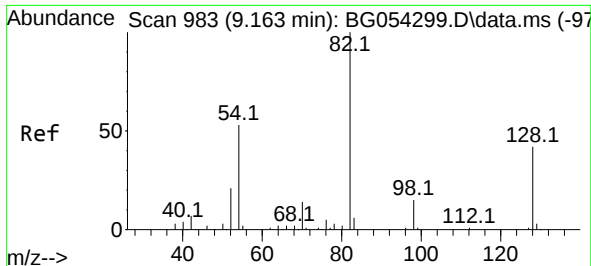


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.788 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13



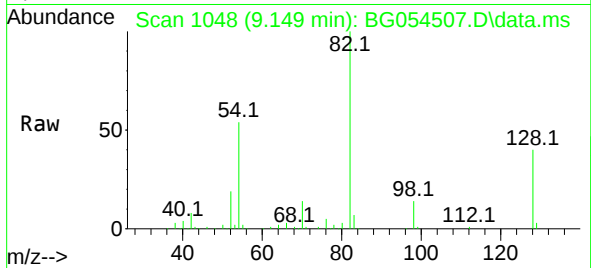
Tgt Ion:136 Resp: 83015
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.9 7.4 11.2#
68 3.9 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 88.408 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

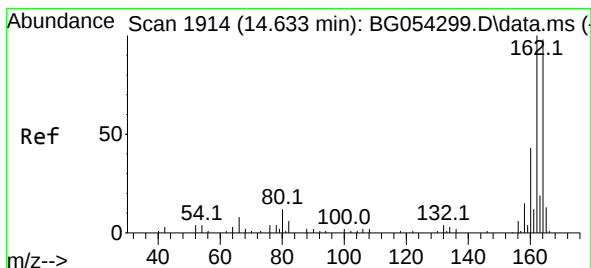
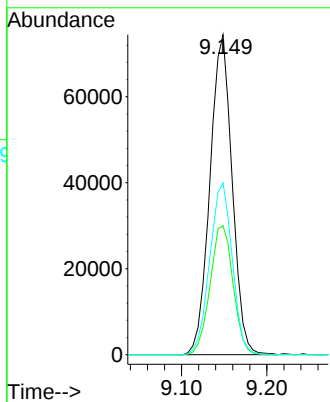
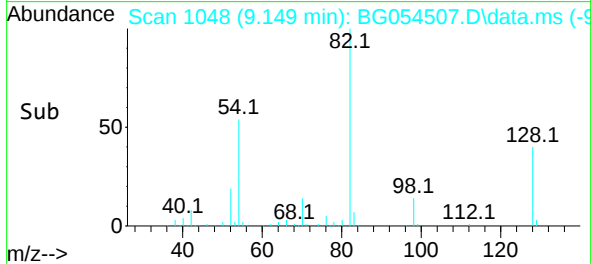
Instrument :
BNA_G
ClientSampleId :
RVE-147



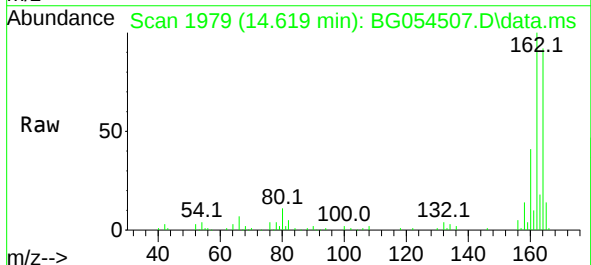
Tgt Ion: 82 Resp: 13477
Ion Ratio Lower Upper
82 100
128 40.3 27.9 41.9
54 53.8 41.2 61.8

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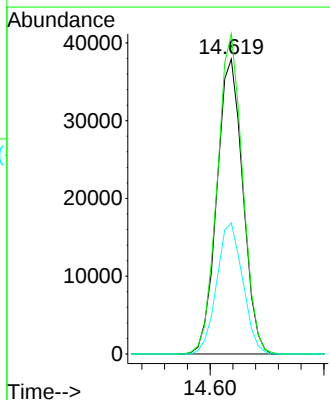
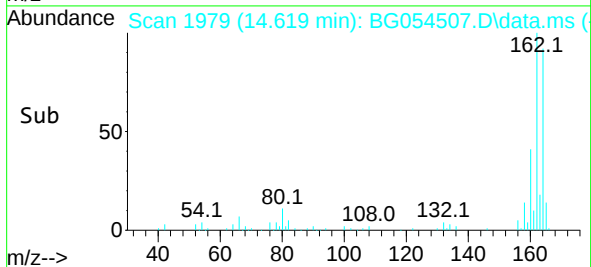
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

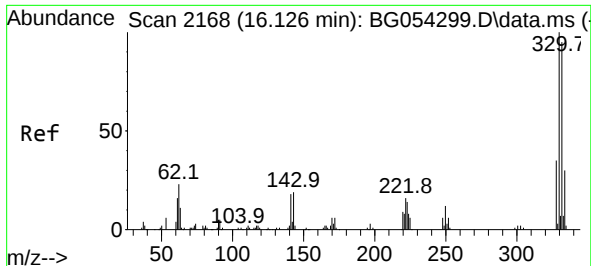


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13



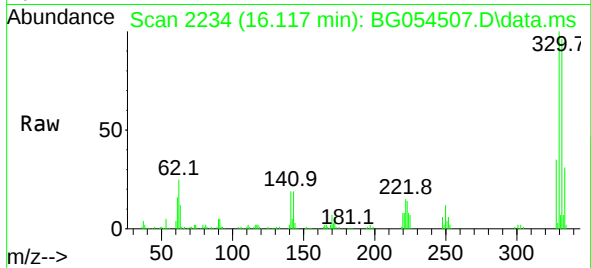
Tgt Ion:164 Resp: 60178
Ion Ratio Lower Upper
164 100
162 108.5 82.3 123.5
160 44.5 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 130.179 ng
RT: 16.117 min Scan# 2168
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

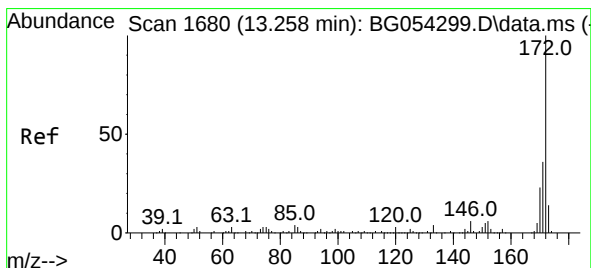
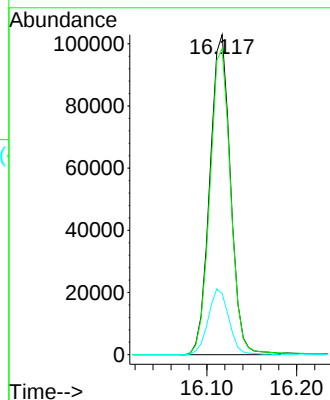
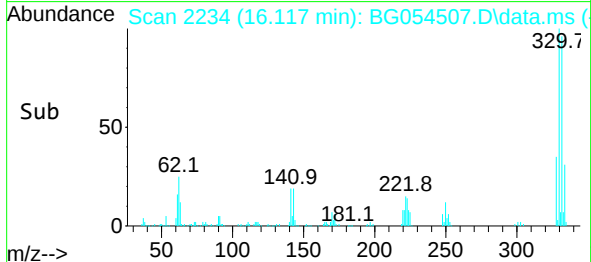
Instrument :
BNA_G
ClientSampleId :
RVE-147



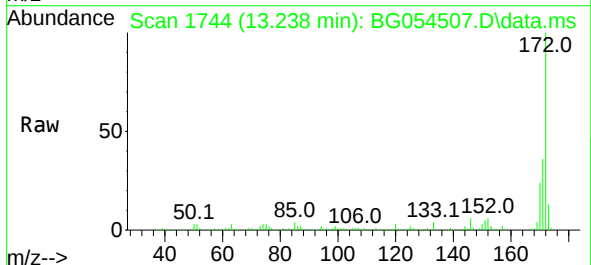
Tgt Ion:330 Resp: 16448
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.7 27.1 40.7

Manual Integrations
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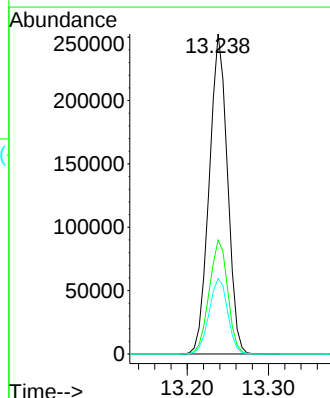
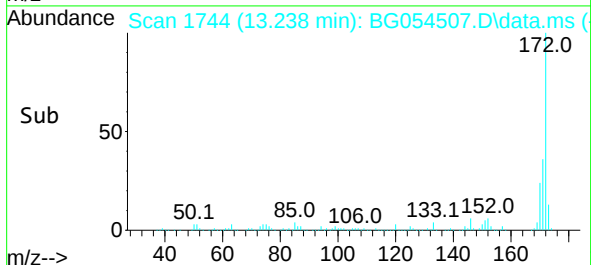
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

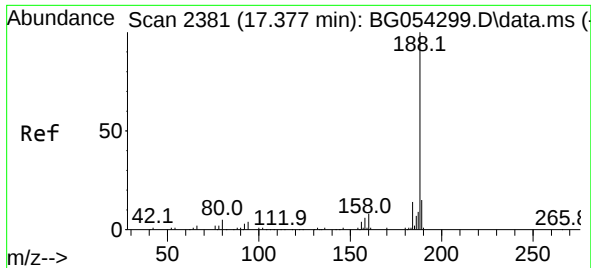


#45
2-Fluorobiphenyl
Concen: 92.068 ng
RT: 13.238 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13



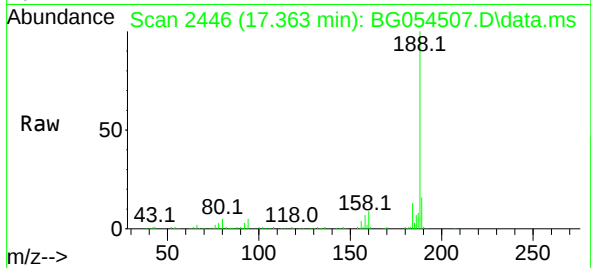
Tgt Ion:172 Resp: 392747
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.5 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

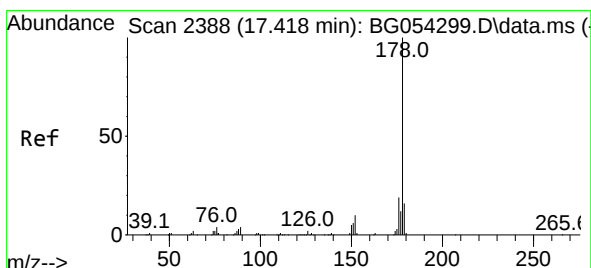
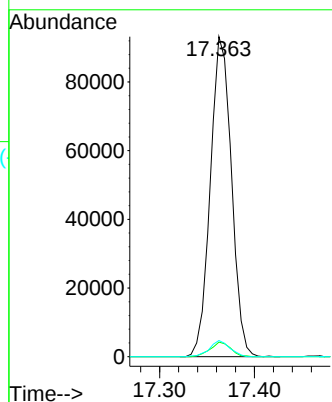
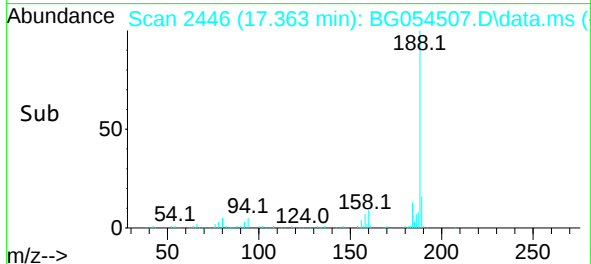
Instrument :
BNA_G
ClientSampleId :
RVE-147



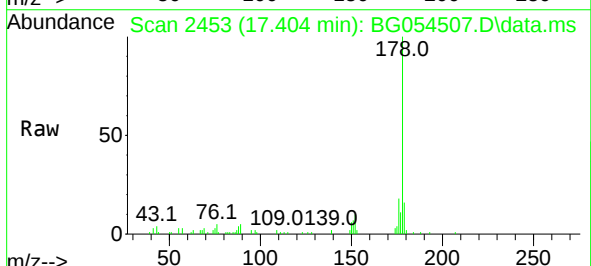
Tgt Ion:188 Resp: 144168
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0
80 5.1 6.8 10.2

Manual Integrations
APPROVED

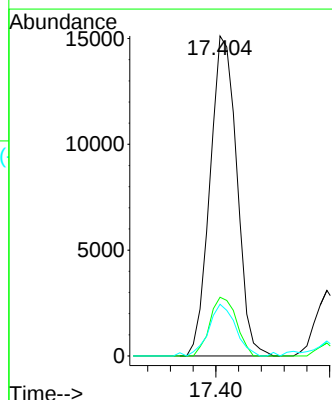
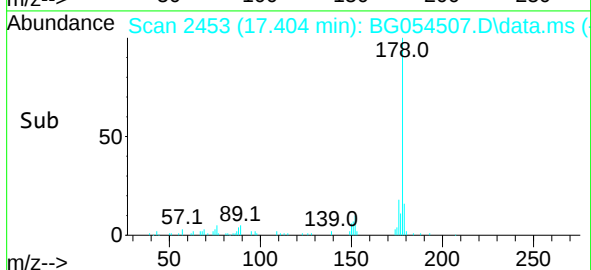
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

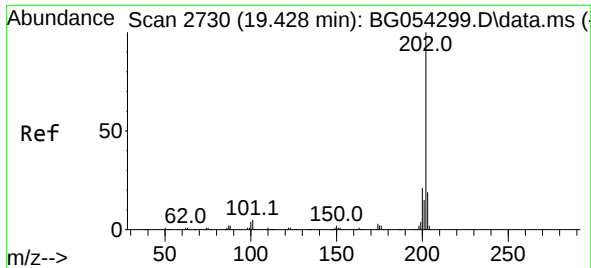


#71
Phenanthrene
Concen: 3.442 ng
RT: 17.404 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13



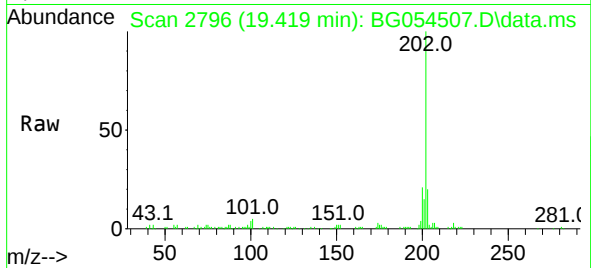
Tgt Ion:178 Resp: 24715
Ion Ratio Lower Upper
178 100
176 18.3 14.1 21.1
179 16.2 12.1 18.1





#75
Fluoranthene
Concen: 6.484 ng
RT: 19.419 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

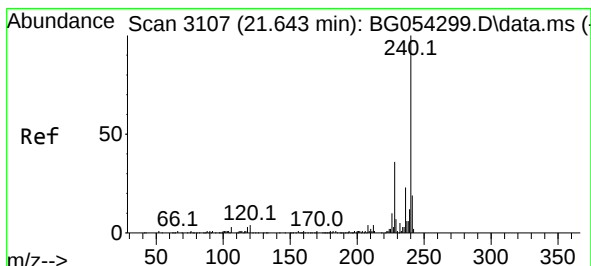
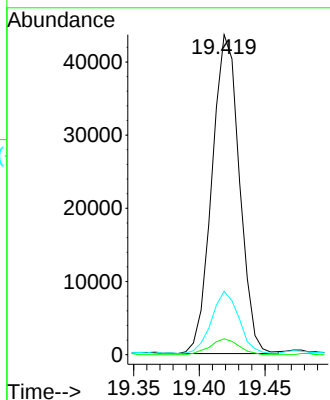
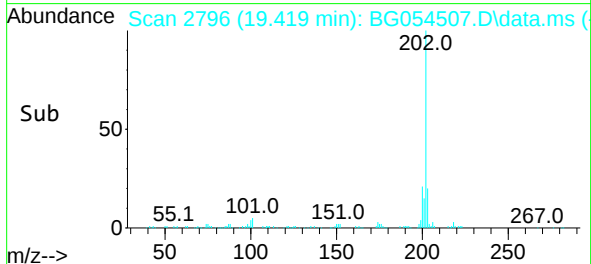
Instrument :
BNA_G
ClientSampleId :
RVE-147



Tgt Ion:202 Resp: 6345
Ion Ratio Lower Upper
202 100
101 4.9 0.0 26.9
203 19.8 0.0 37.2

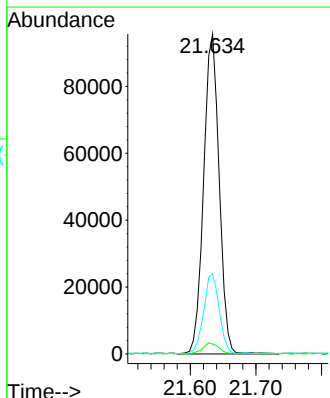
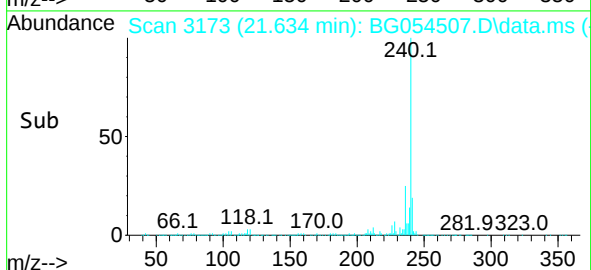
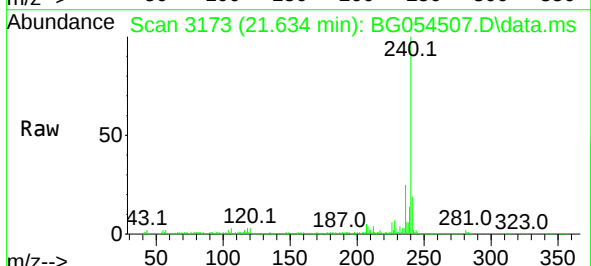
Manual Integrations
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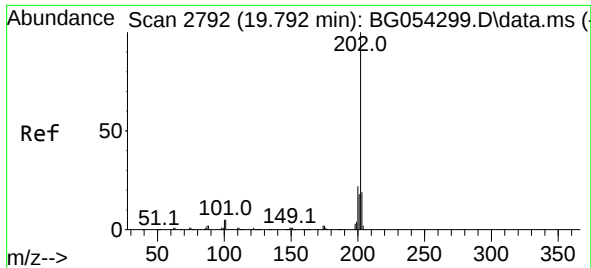
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

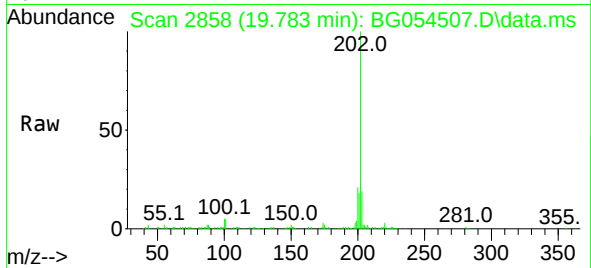
Tgt Ion:240 Resp: 157686
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 25.0 20.2 30.4





#78
Pyrene
Concen: 10.343 ng
RT: 19.783 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

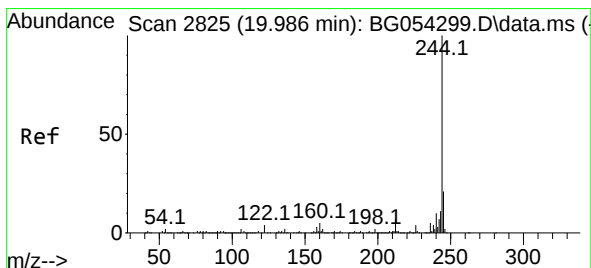
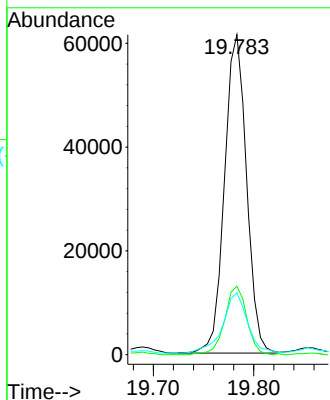
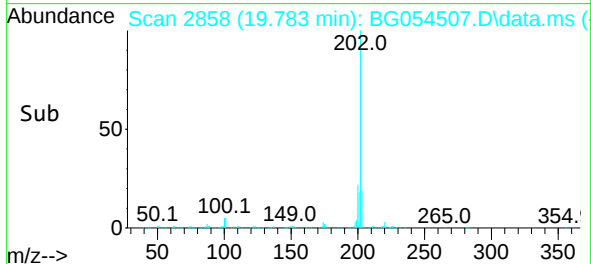
Instrument :
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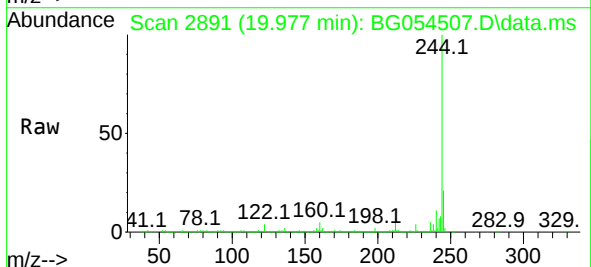
Tgt Ion:202 Resp: 93578
Ion Ratio Lower Upper
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200 21.4 16.6 24.8
203 19.3 14.6 21.8

Manual Integrations
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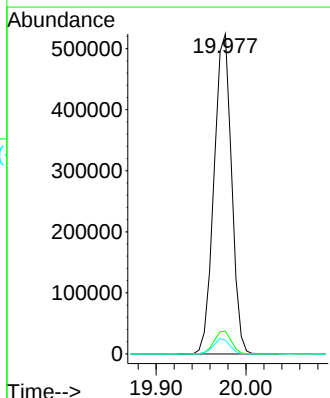
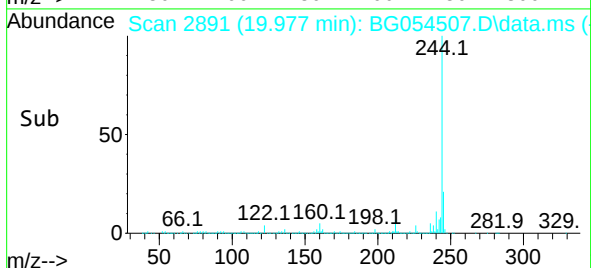
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Supervised By :Jagrut Upadhyay 08/05/2022

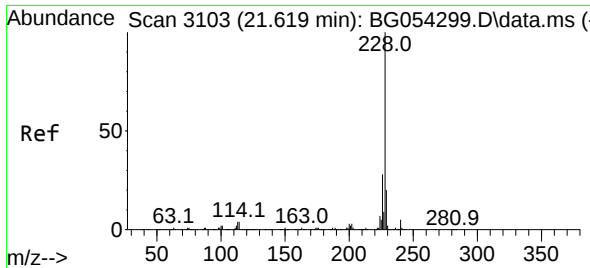


#79
Terphenyl-d14
Concen: 89.366 ng
RT: 19.977 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13



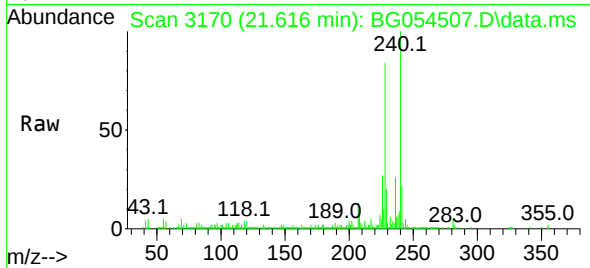
Tgt Ion:244 Resp: 710340
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.3 5.0 7.4





#81
Benzo(a)anthracene
Concen: 4.820 ng
RT: 21.616 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

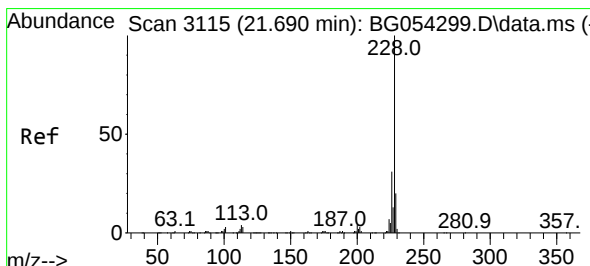
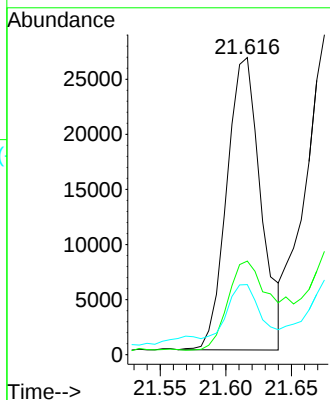
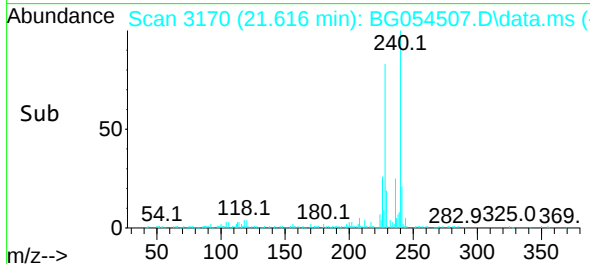
Instrument :
BNA_G
ClientSampleId :
RVE-147



Tgt Ion:228 Resp: 48240
Ion Ratio Lower Upper
228 100
226 31.5 21.6 32.4
229 23.6 16.2 24.2

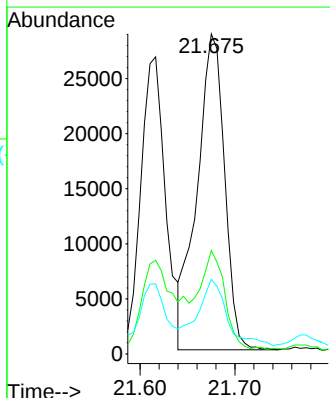
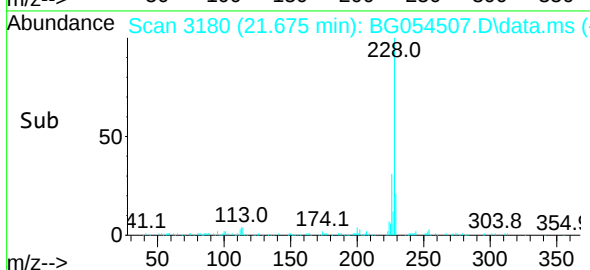
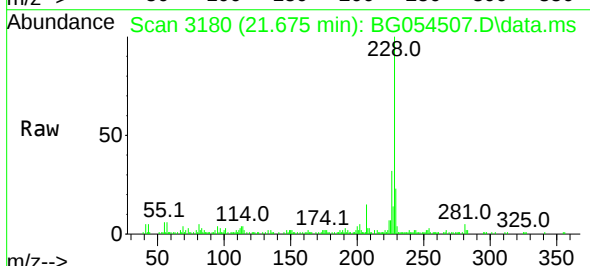
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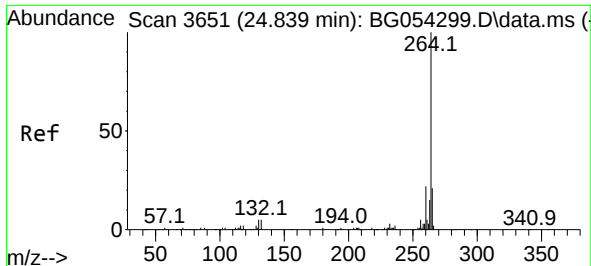
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#83
Chrysene
Concen: 6.118 ng
RT: 21.675 min Scan# 3180
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

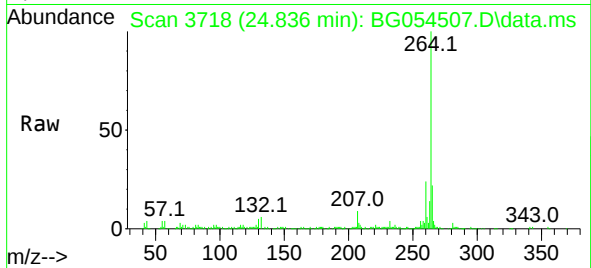
Tgt Ion:228 Resp: 57856
Ion Ratio Lower Upper
228 100
226 32.3 23.4 35.2
229 23.4 15.5 23.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG054507.D
 Acq: 3 Aug 2022 20:13

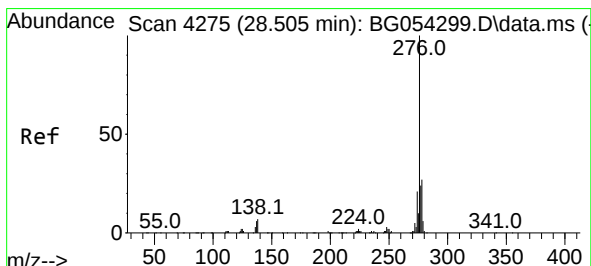
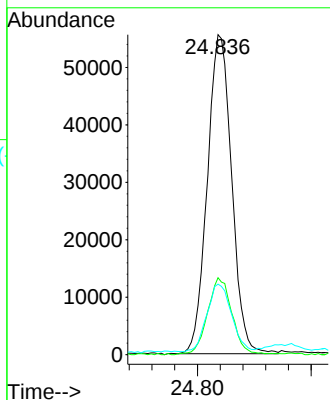
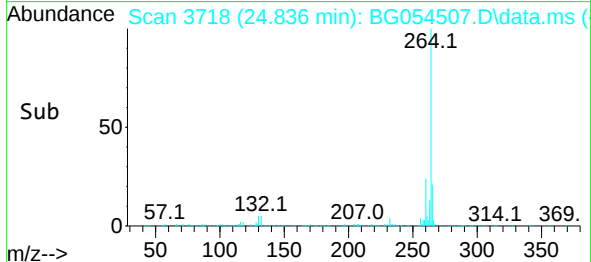
Instrument :
 BNA_G
 ClientSampleId :
 RVE-147



Tgt Ion:264 Resp: 165390
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 17.4 26.2

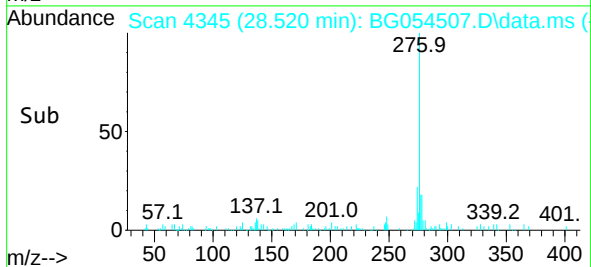
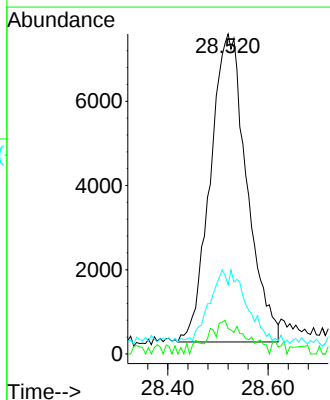
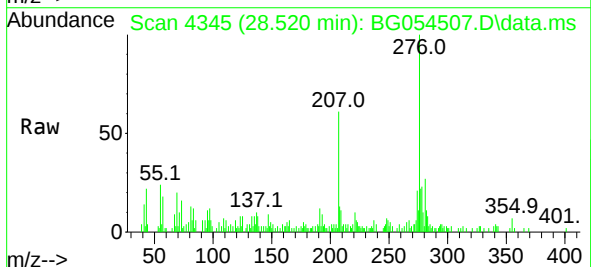
Manual Integrations
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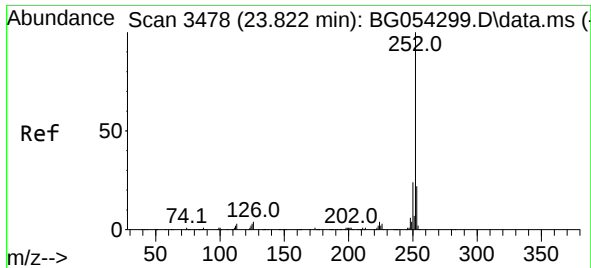
Reviewed By :Christian Giraldo 08/04/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.932 ng
 RT: 28.520 min Scan# 4345
 Delta R.T. 0.003 min
 Lab File: BG054507.D
 Acq: 3 Aug 2022 20:13

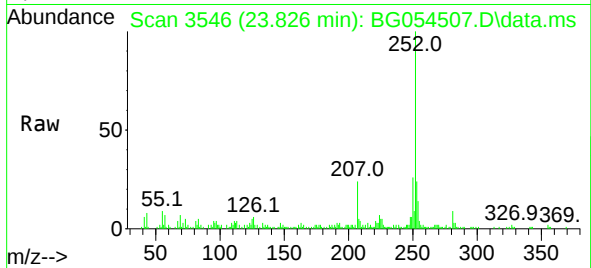
Tgt Ion:276 Resp: 36893
 Ion Ratio Lower Upper
 276 100
 138 3.3 5.0 7.4#
 277 10.9 20.3 30.5#





#88
Benzo(b)fluoranthene
Concen: 7.313 ng
RT: 23.826 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

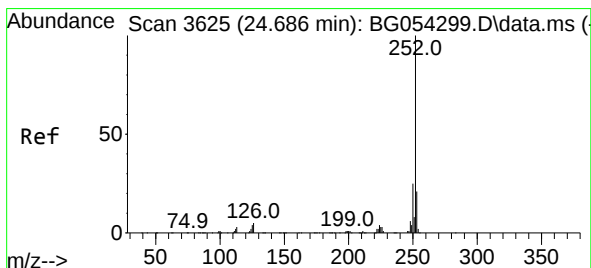
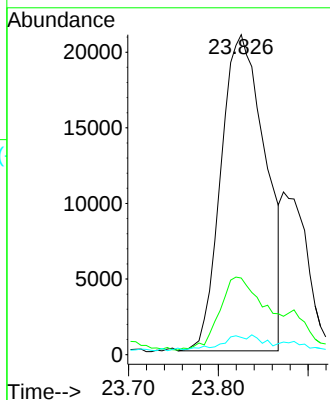
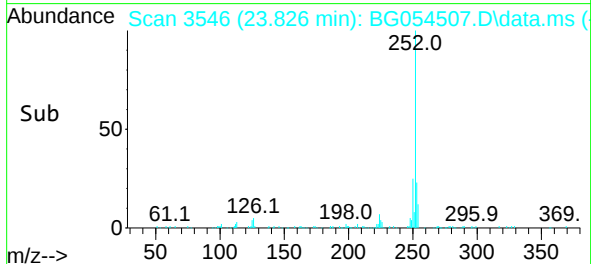
Instrument :
BNA_G
ClientSampleId :
RVE-147



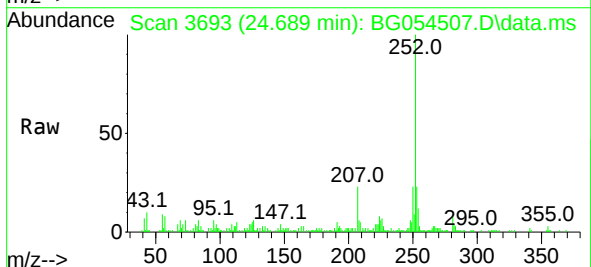
Tgt Ion:252 Resp: 7153
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 5.4 4.6 6.8

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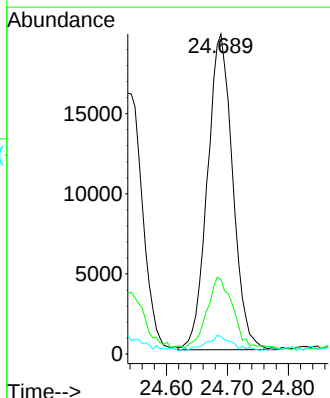
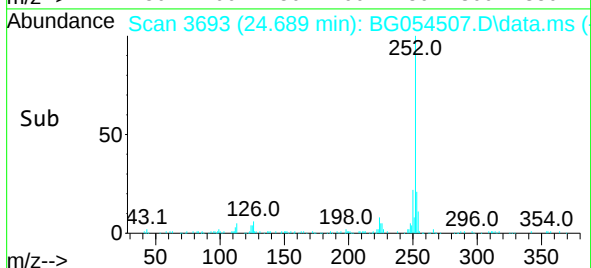
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

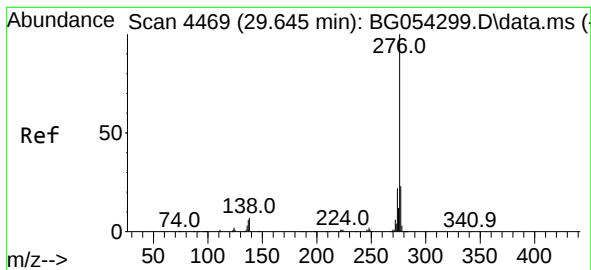


#90
Benzo(a)pyrene
Concen: 6.794 ng
RT: 24.689 min Scan# 3693
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13



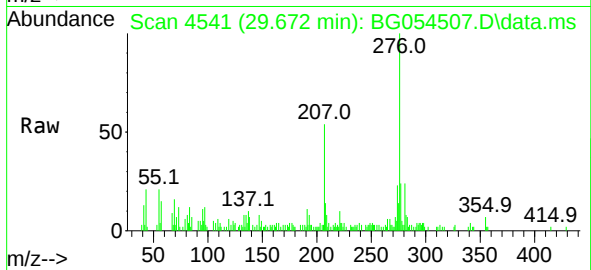
Tgt Ion:252 Resp: 56755
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 5.4 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 4.306 ng
 RT: 29.672 min Scan# 4541
 Delta R.T. 0.009 min
 Lab File: BG054507.D
 Acq: 3 Aug 2022 20:13

Instrument :
 BNA_G
 ClientSampleId :
 RVE-147



Tgt Ion:276 Resp: 43970
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.3 25.9
 138 7.0 9.6 14.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/04/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

