

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054419.D
 Acq On : 27 Jul 2022 17:03
 Operator : CG/JU
 Sample : N3891-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4553-E

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/28/2022
 Supervised By : Jagrut Upadhyay 07/28/2022

Quant Time: Jul 28 04:34:10 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	7.984	152	18175	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	71420	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	58400	20.000	ng	0.00
64) Phenanthrene-d10	17.367	188	146084	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	159857	20.000	ng	# 0.00
86) Perylene-d12	24.829	264	171199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	77056	88.519	ng	0.00
7) Phenol-d6	7.168	99	104822	87.879	ng	0.00
23) Nitrobenzene-d5	9.148	82	71880	54.808	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	95587	77.955	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	227905	55.052	ng	0.00
79) Terphenyl-d14	19.976	244	458089	56.848	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.409	178	52247	7.182	ng	99
75) Fluoranthene	19.418	202	155242	15.654	ng	94
78) Pyrene	19.782	202	152016	16.573	ng	98
81) Benzo(a)anthracene	21.610	228	84203	8.298	ng	96
83) Chrysene	21.674	228	75612	7.887	ng	94
84) Bis(2-ethylhexyl)phtha...	21.510	149	16650	4.117	ng	# 91
87) Indeno(1,2,3-cd)pyrene	28.496	276	56116	4.309	ng	# 96
88) Benzo(b)fluoranthene	23.813	252	113025	11.164	ng	# 98
89) Benzo(k)fluoranthene	23.872	252	35785m	3.551	ng	
90) Benzo(a)pyrene	24.677	252	84732m	9.800	ng	
92) Benzo(g,h,i)perylene	29.647	276	55116	5.214	ng	# 91

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

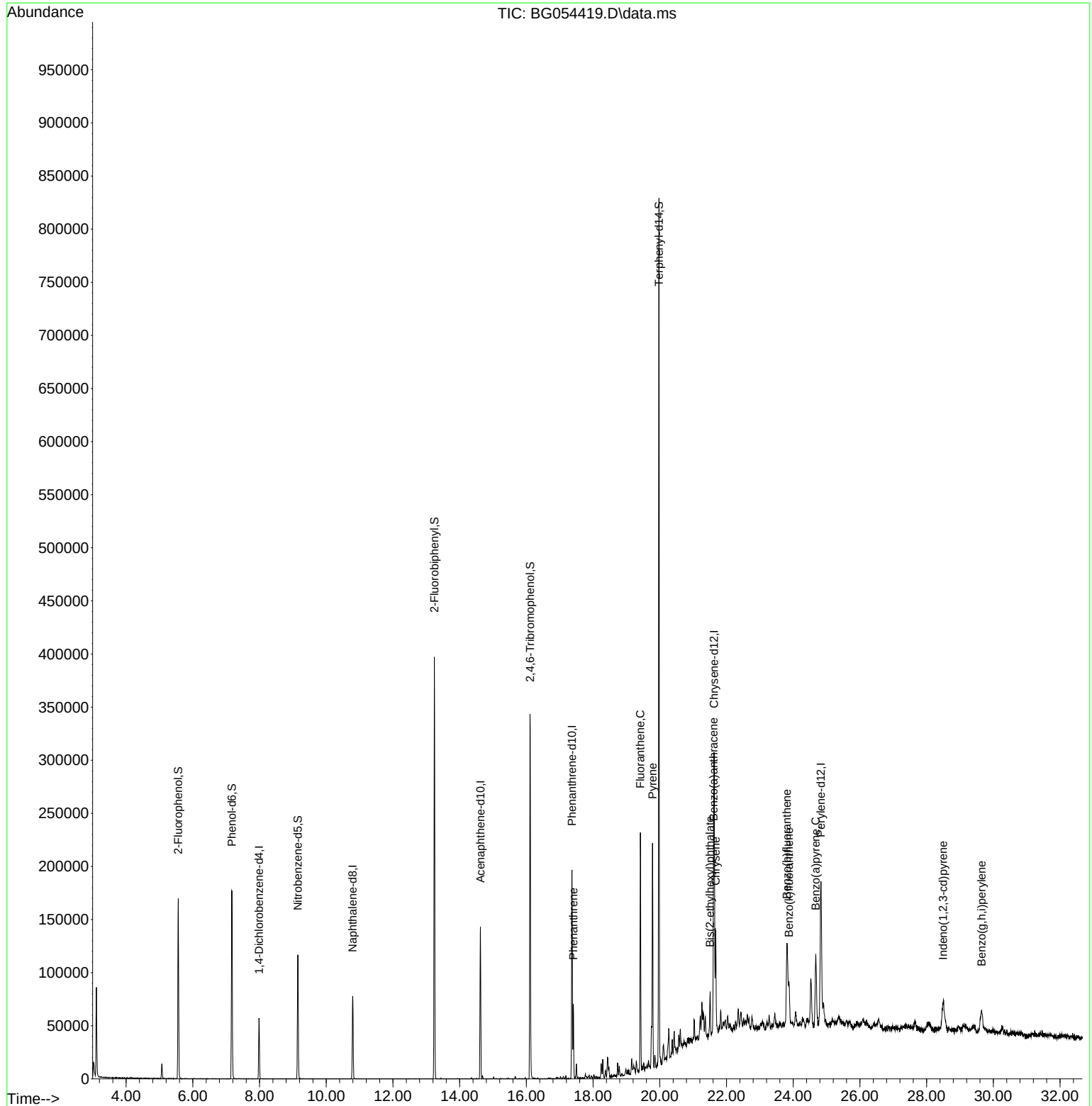
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054419.D
Acq On : 27 Jul 2022 17:03
Operator : CG/JU
Sample : N3891-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

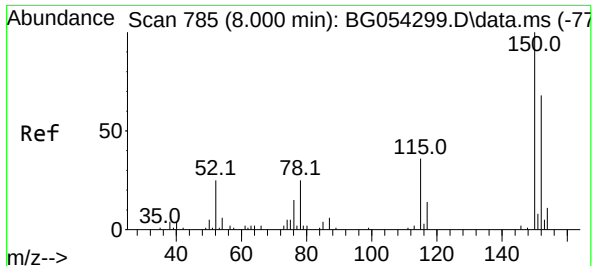
Instrument :
BNA_G
ClientSampleId :
4553-E

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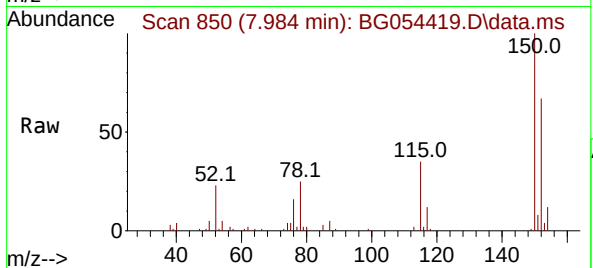
Quant Time: Jul 28 04:34:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

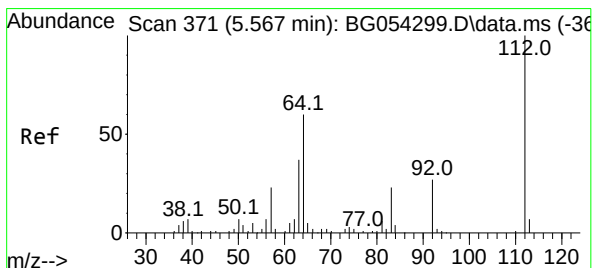
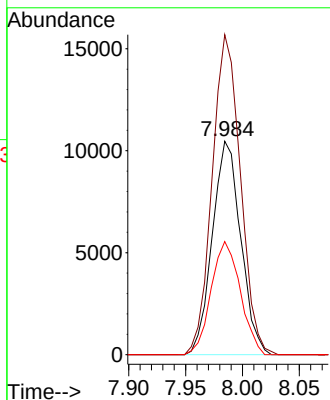
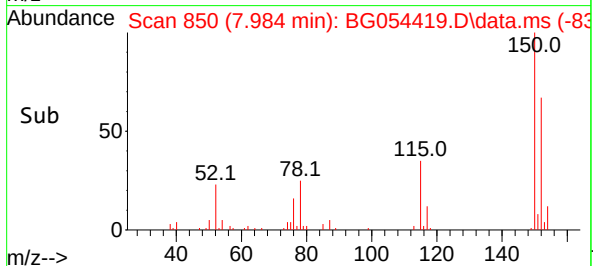
Instrument :
BNA_G
ClientSampleId :
4553-E



Tgt Ion:152 Resp: 1817
Ion Ratio Lower Upper
152 100
150 149.9 131.6 197.4
115 53.0 50.9 76.3

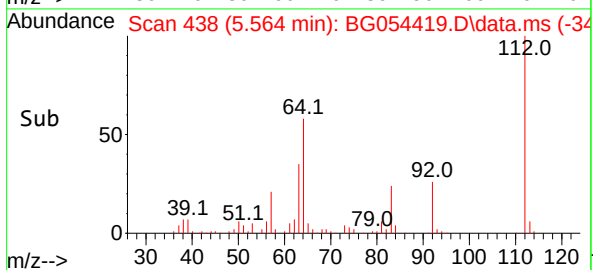
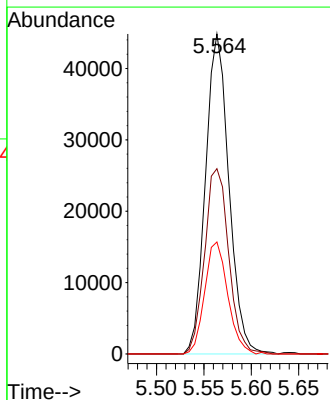
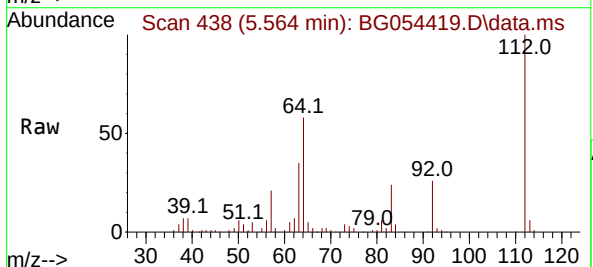
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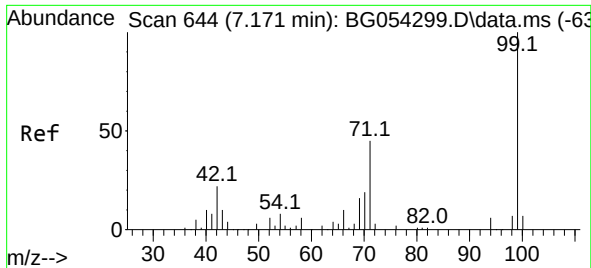
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022



#5
2-Fluorophenol
Concen: 88.519 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

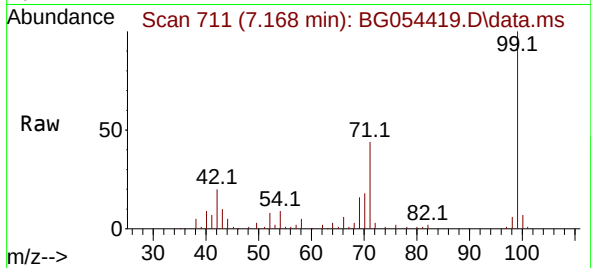
Tgt Ion:112 Resp: 77056
Ion Ratio Lower Upper
112 100
64 57.9 55.1 82.7
63 35.0 30.4 45.6





#7
Phenol-d6
Concen: 87.879 ng
RT: 7.168 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

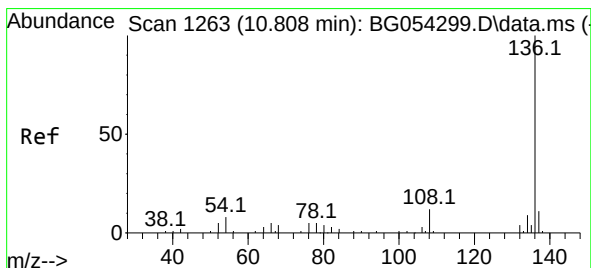
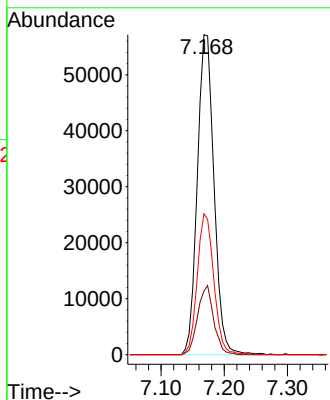
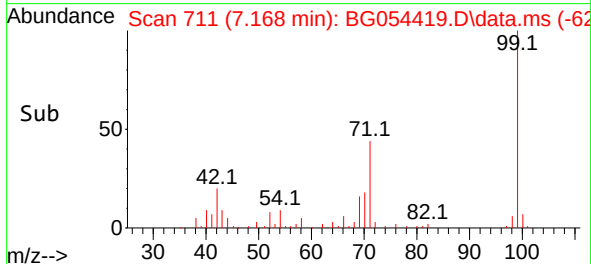
Instrument :
BNA_G
ClientSampleId :
4553-E



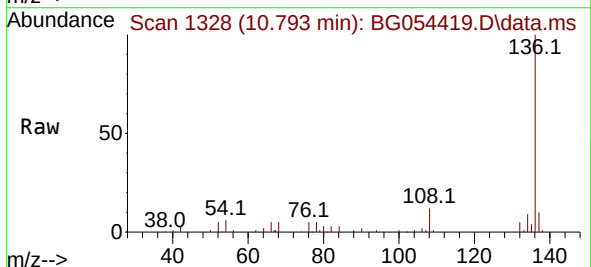
Tgt Ion: 99 Resp: 10482
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 44.0 33.8 50.8

Manual Integrations
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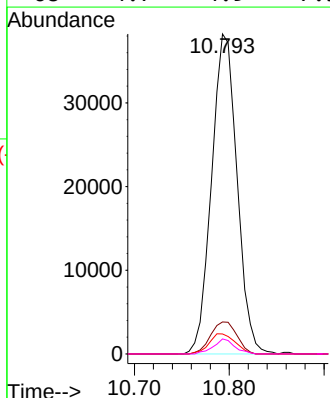
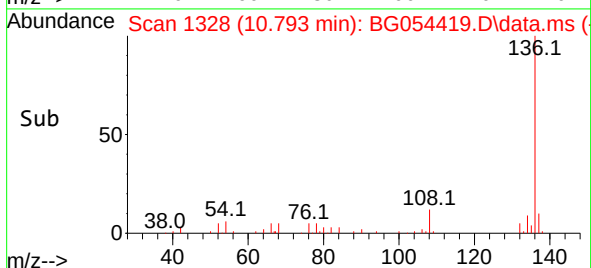
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022

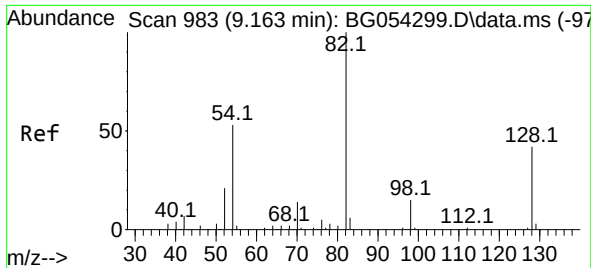


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03



Tgt Ion:136 Resp: 71420
Ion Ratio Lower Upper
136 100
137 10.0 8.5 12.7
54 6.3 7.4 11.2#
68 4.7 4.9 7.3#





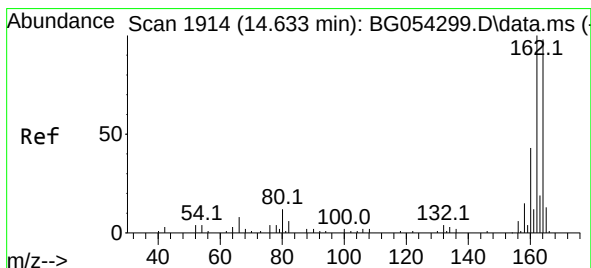
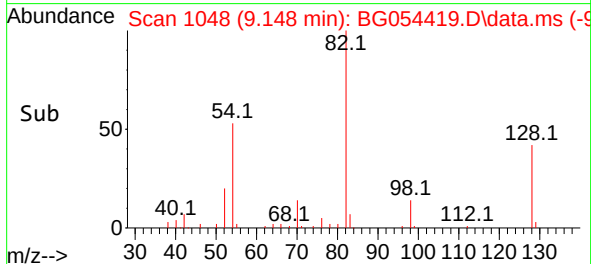
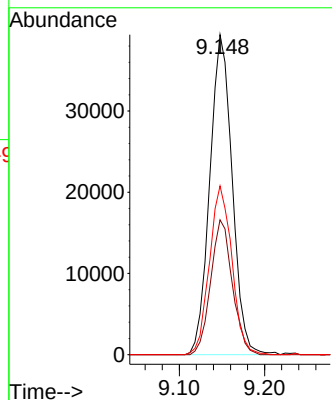
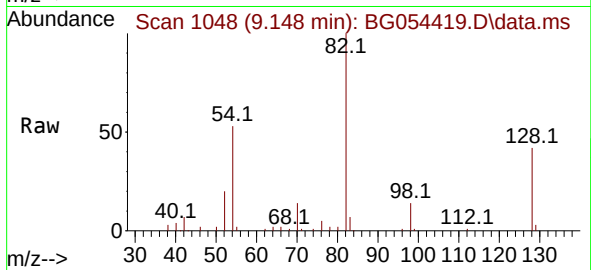
#23
Nitrobenzene-d5
Concen: 54.808 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

Instrument :
BNA_G
ClientSampleId :
4553-E

Tgt Ion: 82 Resp: 71880
Ion Ratio Lower Upper
82 100
128 42.1 27.9 41.9
54 52.8 41.2 61.8

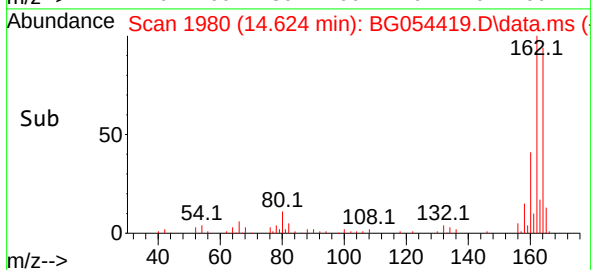
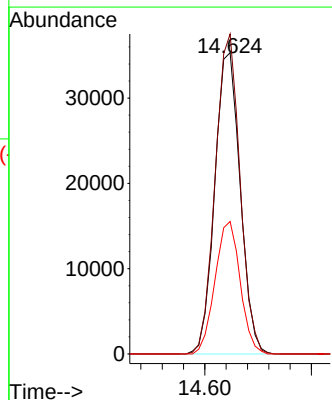
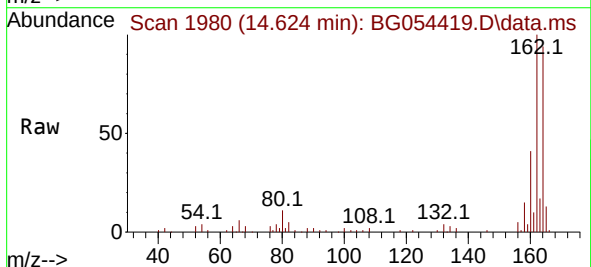
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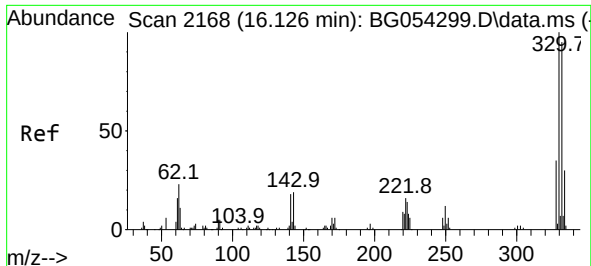
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.002 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

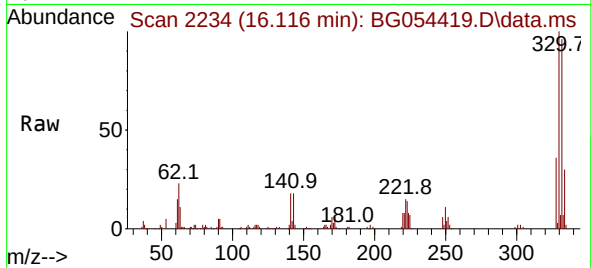
Tgt Ion:164 Resp: 58400
Ion Ratio Lower Upper
164 100
162 106.2 82.3 123.5
160 44.0 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 77.955 ng
RT: 16.116 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

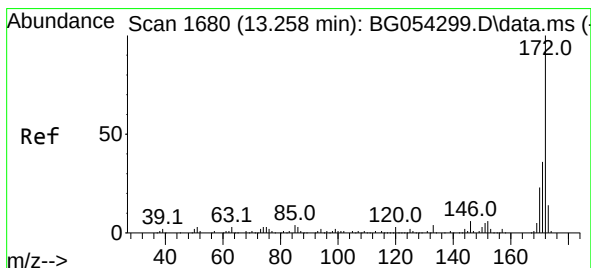
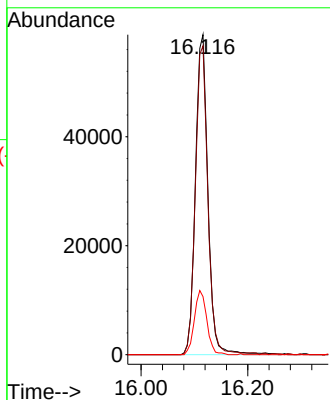
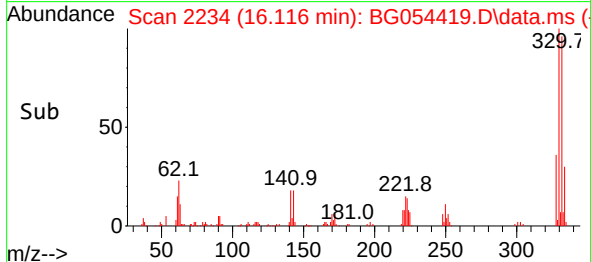
Instrument :
BNA_G
ClientSampleId :
4553-E



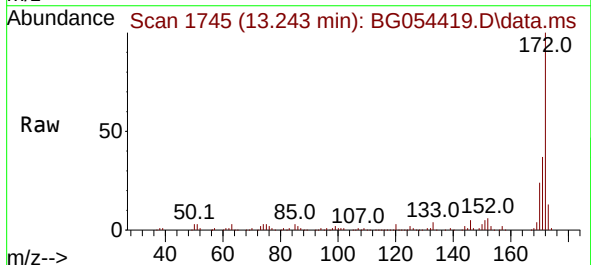
Tgt Ion:330 Resp: 9558
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 20.0 27.1 40.7

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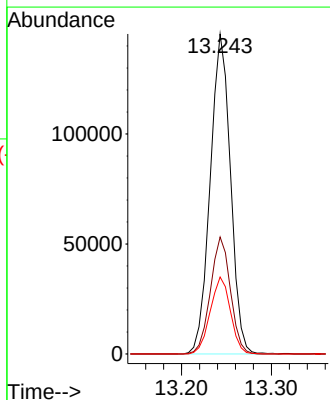
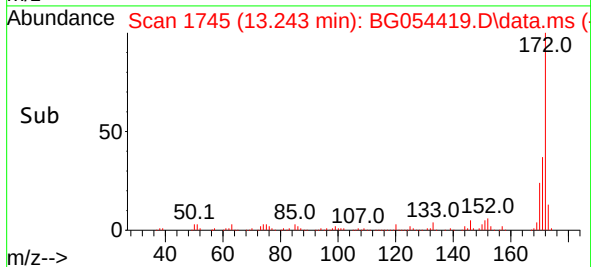
Reviewed By :Christian Giraldo 07/28/2022
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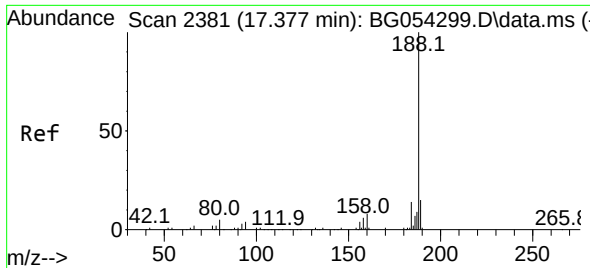


#45
2-Fluorobiphenyl
Concen: 55.052 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03



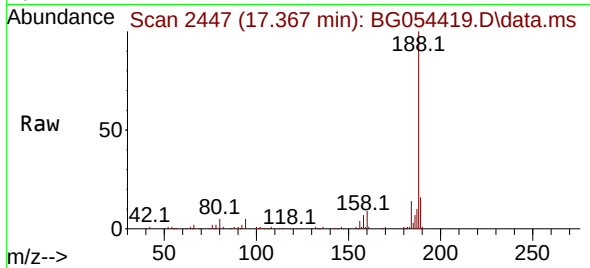
Tgt Ion:172 Resp: 227905
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.367 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

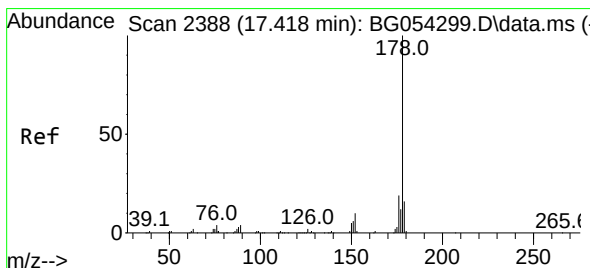
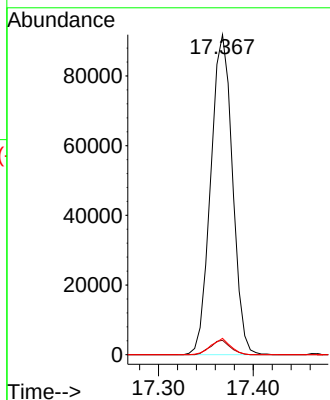
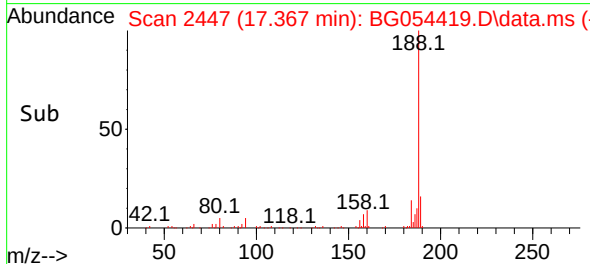
Instrument :
BNA_G
ClientSampleId :
4553-E



Tgt Ion:188 Resp: 146084
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0
80 5.1 6.8 10.2

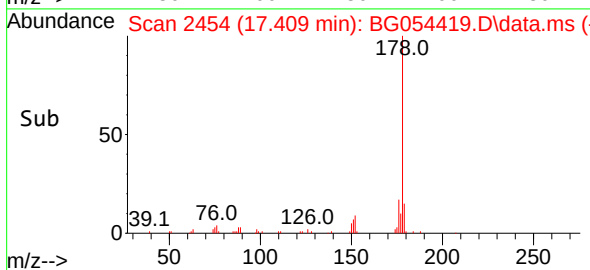
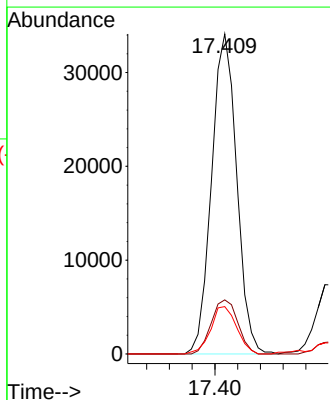
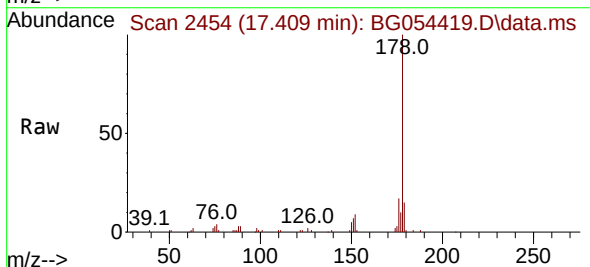
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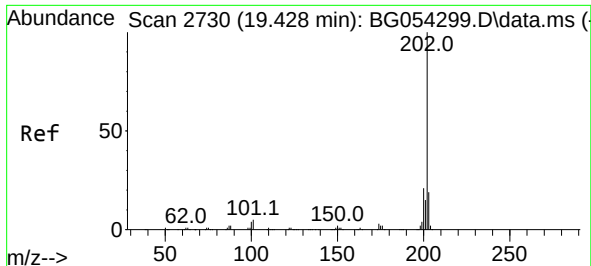
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022



#71
Phenanthrene
Concen: 7.182 ng
RT: 17.409 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

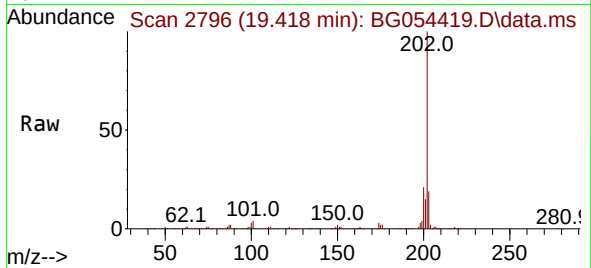
Tgt Ion:178 Resp: 52247
Ion Ratio Lower Upper
178 100
176 16.9 14.1 21.1
179 14.8 12.1 18.1





#75
Fluoranthene
Concen: 15.654 ng
RT: 19.418 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

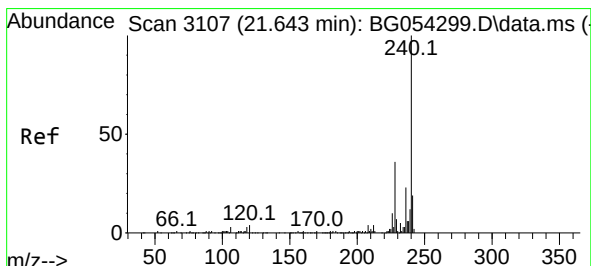
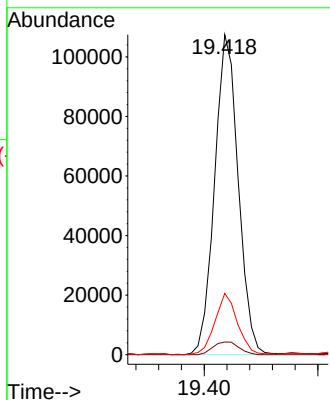
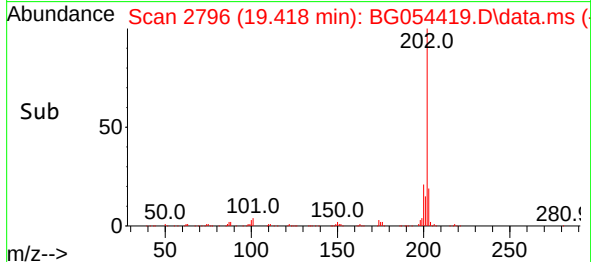
Instrument :
BNA_G
ClientSampleId :
4553-E



Tgt Ion:202 Resp: 15524
Ion Ratio Lower Upper
202 100
101 4.0 0.0 26.9
203 19.2 0.0 37.2

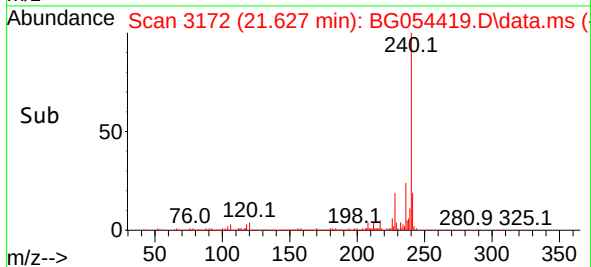
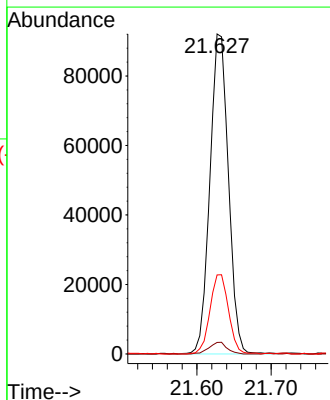
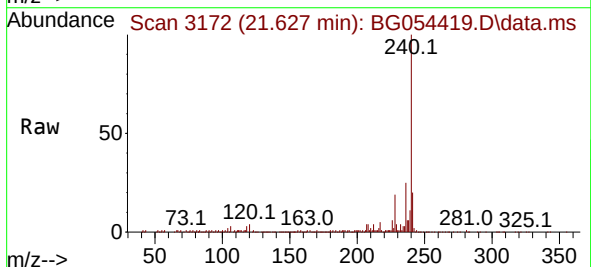
Manual Integrations
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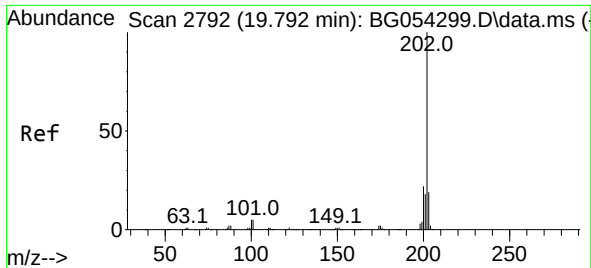
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3172
Delta R.T. -0.010 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

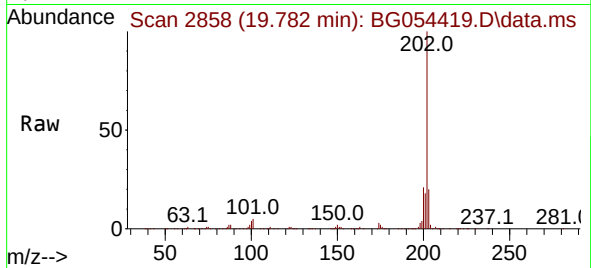
Tgt Ion:240 Resp: 159857
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.7 20.2 30.4





#78
 Pyrene
 Concen: 16.573 ng
 RT: 19.782 min Scan# 2891
 Delta R.T. -0.004 min
 Lab File: BG054419.D
 Acq: 27 Jul 2022 17:03

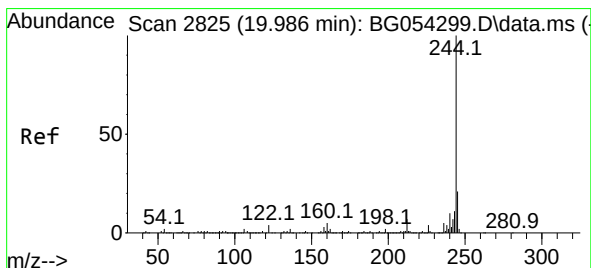
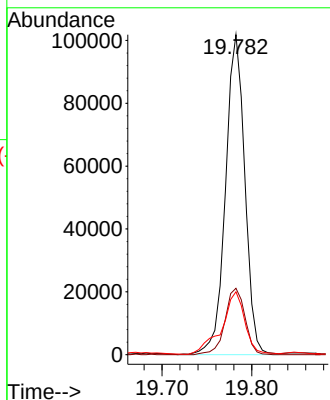
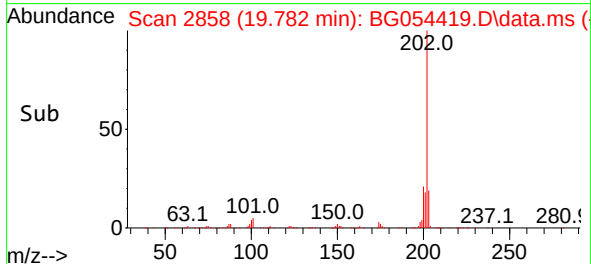
Instrument :
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 4553-E



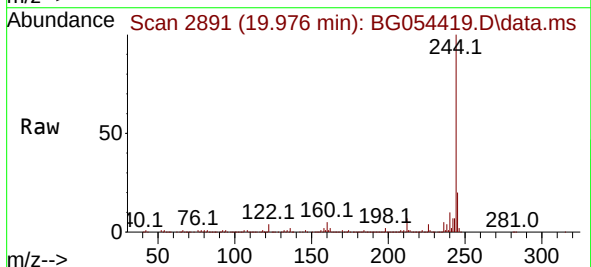
Tgt Ion:202 Resp: 152010
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 24.8
 203 19.6 14.6 21.8

Manual Integrations
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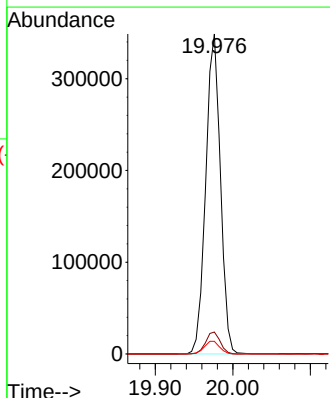
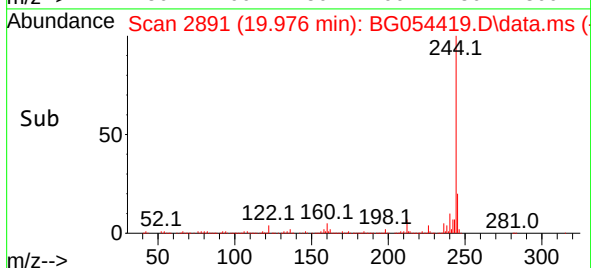
Reviewed By :Christian Giraldo 07/28/2022
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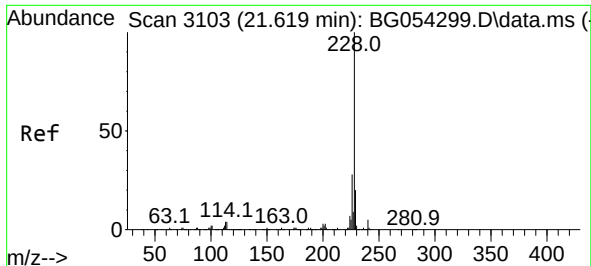


#79
 Terphenyl-d14
 Concen: 56.848 ng
 RT: 19.976 min Scan# 2891
 Delta R.T. -0.004 min
 Lab File: BG054419.D
 Acq: 27 Jul 2022 17:03



Tgt Ion:244 Resp: 458089
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.0 5.0 7.4





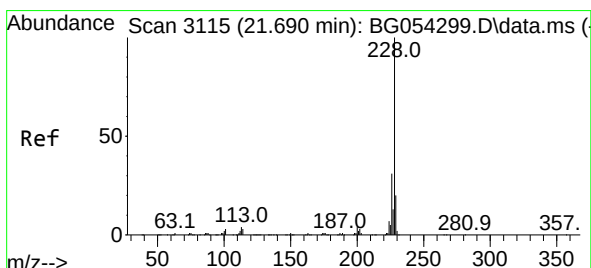
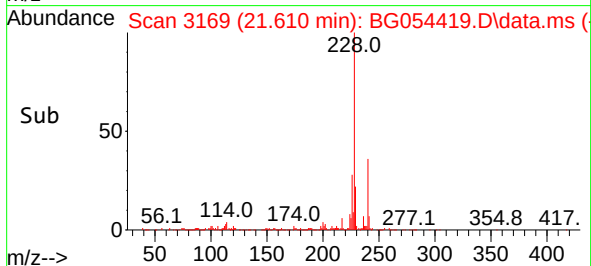
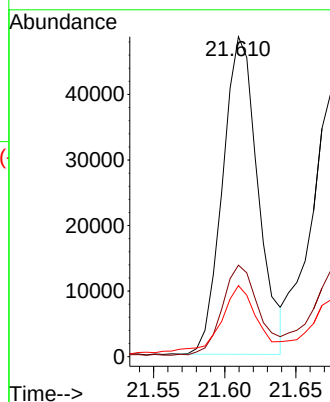
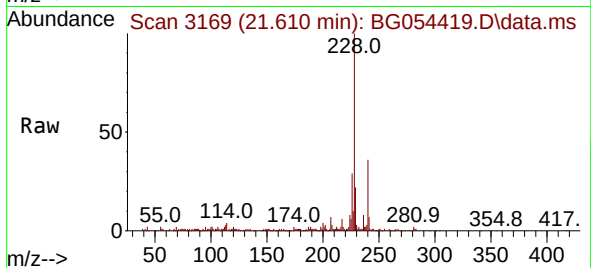
#81
Benzo(a)anthracene
Concen: 8.298 ng
RT: 21.610 min Scan# 3103
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

Instrument :
BNA_G
ClientSampleId :
4553-E

Tgt Ion:228 Resp: 8420
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 22.2 16.2 24.2

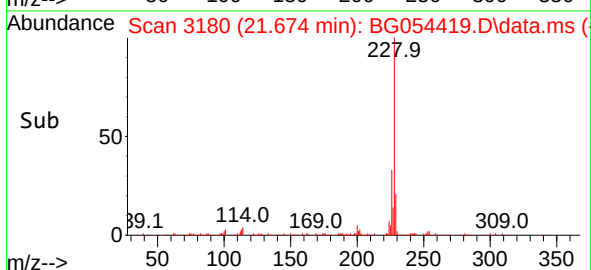
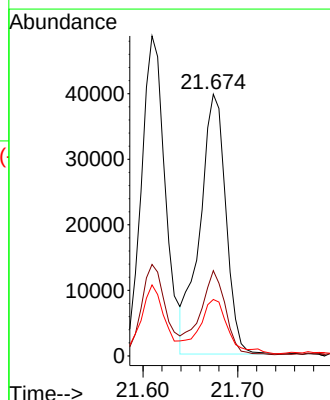
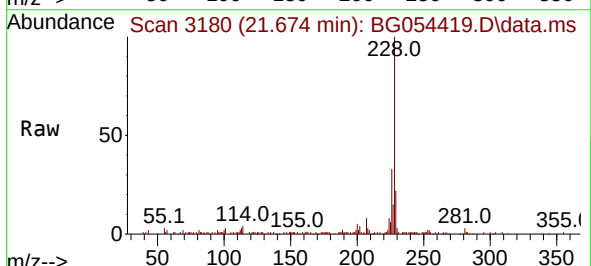
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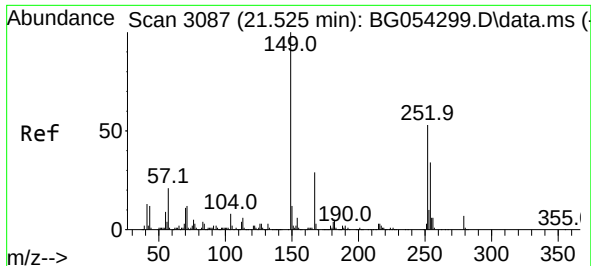
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022



#83
Chrysene
Concen: 7.887 ng
RT: 21.674 min Scan# 3180
Delta R.T. -0.010 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

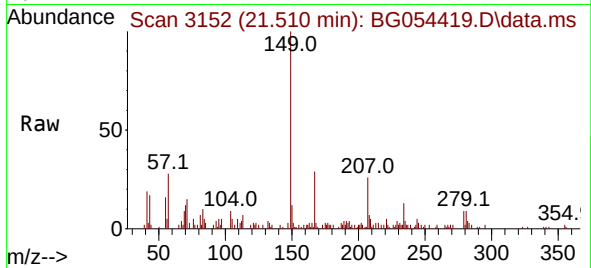
Tgt Ion:228 Resp: 75612
Ion Ratio Lower Upper
228 100
226 32.6 23.4 35.2
229 21.6 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.117 ng
RT: 21.510 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

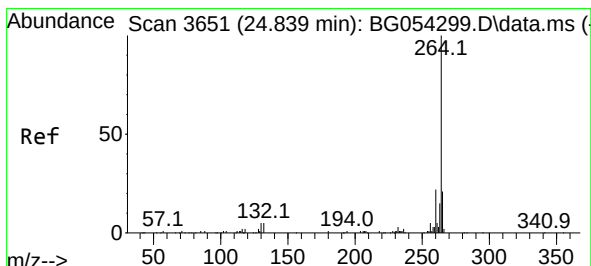
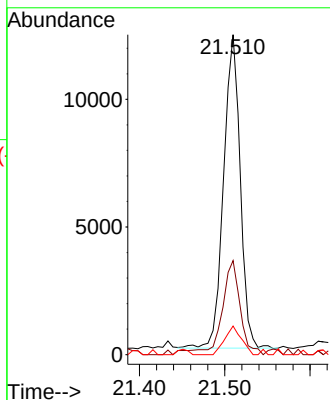
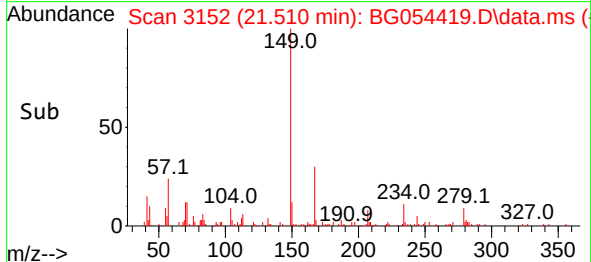
Instrument :
BNA_G
ClientSampleId :
4553-E



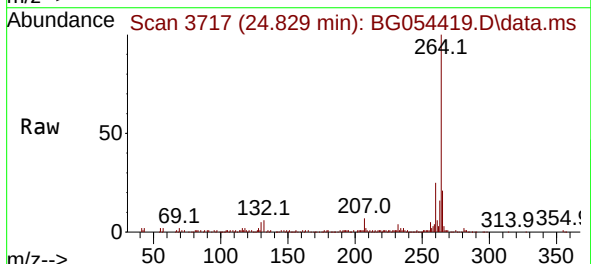
Tgt Ion:149 Resp: 16650
Ion Ratio Lower Upper
149 100
167 29.4 20.2 30.4
279 9.0 3.6 5.4

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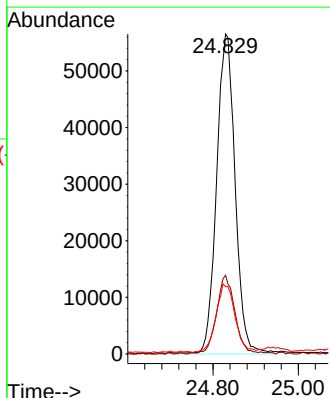
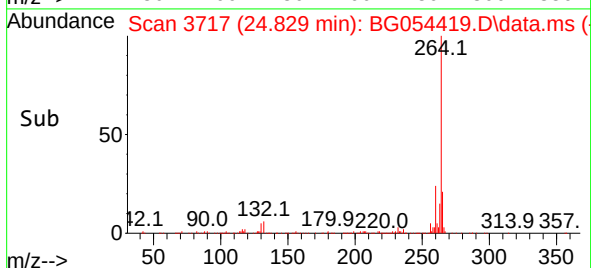
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022

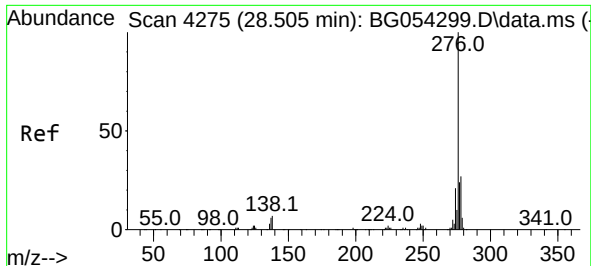


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.829 min Scan# 3717
Delta R.T. -0.004 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03



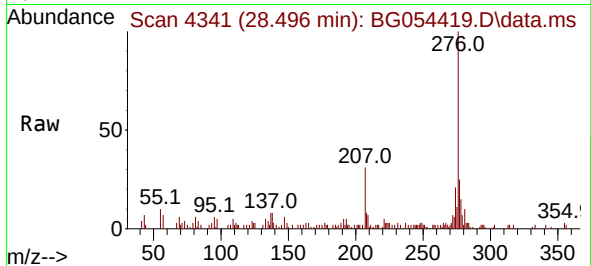
Tgt Ion:264 Resp: 171199
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.309 ng
RT: 28.496 min Scan# 41
Delta R.T. -0.022 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

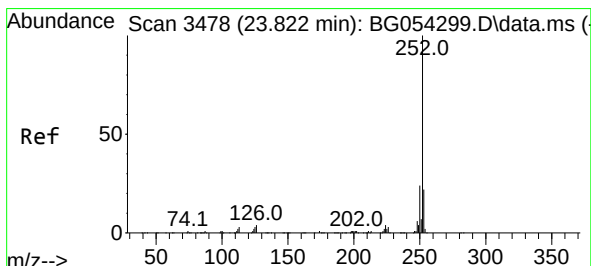
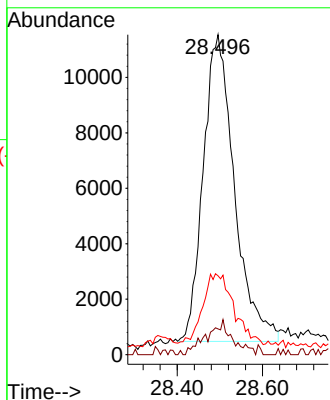
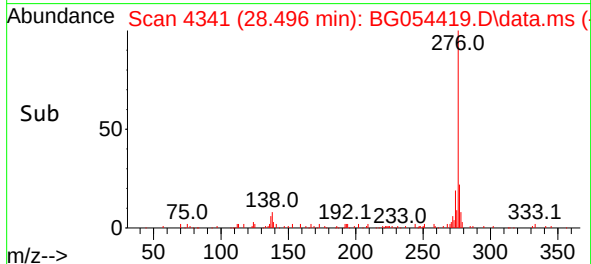
Instrument :
BNA_G
ClientSampleId :
4553-E



Tgt Ion:276 Resp: 56110
Ion Ratio Lower Upper
276 100
138 8.6 5.0 7.4
277 23.6 20.3 30.5

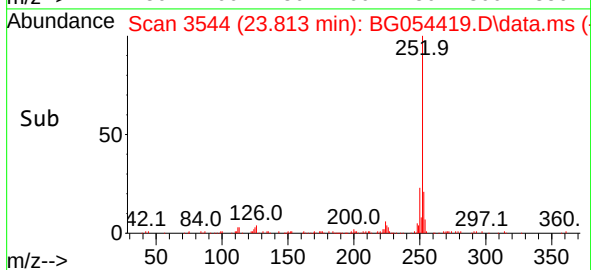
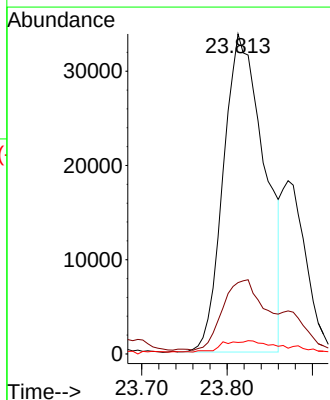
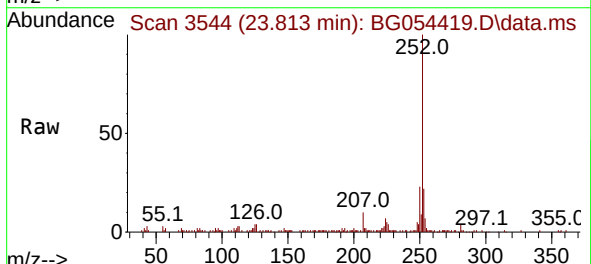
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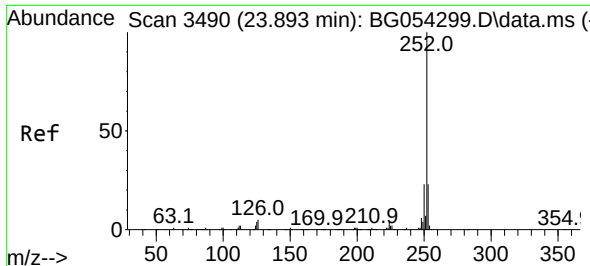
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022



#88
Benzo(b)fluoranthene
Concen: 11.164 ng
RT: 23.813 min Scan# 3544
Delta R.T. -0.010 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

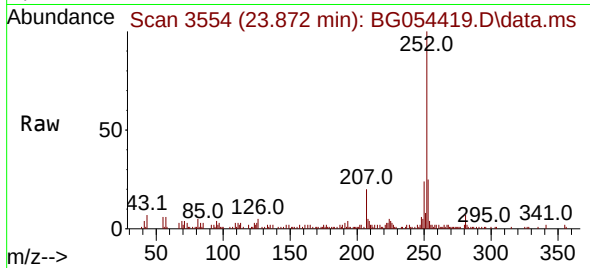
Tgt Ion:252 Resp: 113025
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 3.6 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 3.551 ng m
RT: 23.872 min Scan# 3554
Delta R.T. -0.016 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

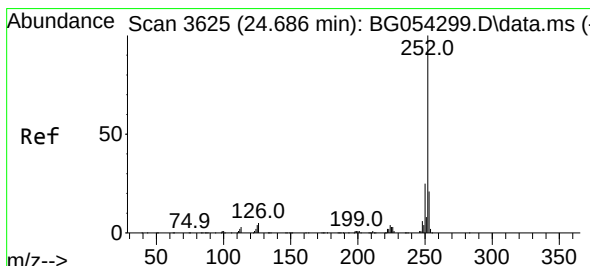
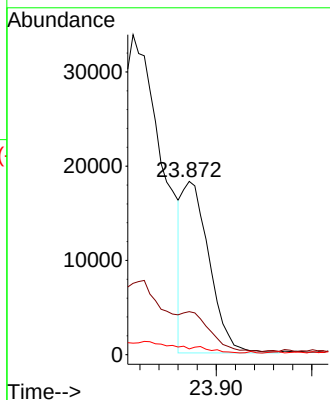
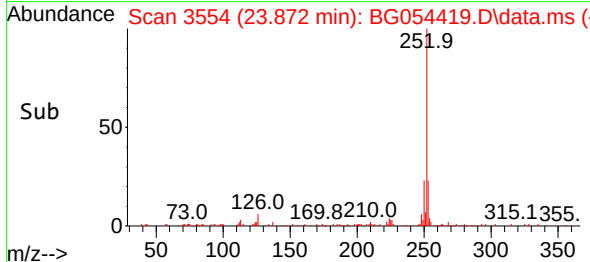
Instrument :
BNA_G
ClientSampleId :
4553-E



Tgt Ion:252 Resp: 3578
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 3.3 4.8 7.2

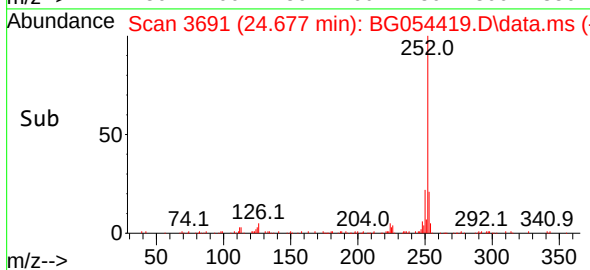
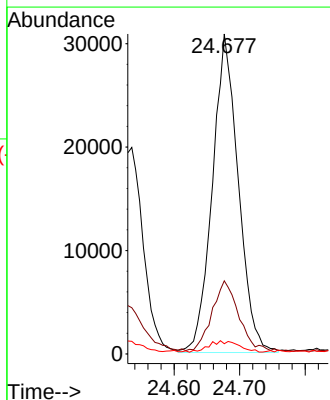
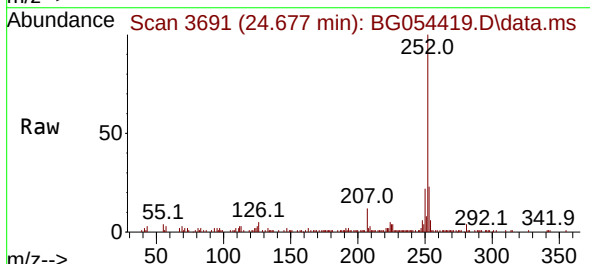
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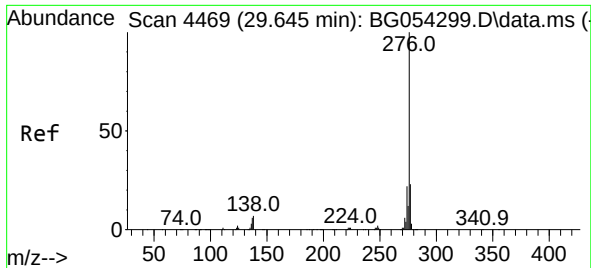
Reviewed By :Christian Giraldo 07/28/2022
Supervised By :Jagrut Upadhyay 07/28/2022



#90
Benzo(a)pyrene
Concen: 9.800 ng m
RT: 24.677 min Scan# 3691
Delta R.T. -0.010 min
Lab File: BG054419.D
Acq: 27 Jul 2022 17:03

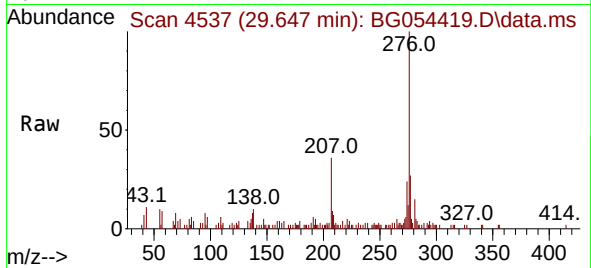
Tgt Ion:252 Resp: 84732
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 3.2 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 5.214 ng
 RT: 29.647 min Scan# 4
 Delta R.T. -0.016 min
 Lab File: BG054419.D
 Acq: 27 Jul 2022 17:03

Instrument :
 BNA_G
 ClientSampleId :
 4553-E



Tgt Ion: 276 Resp: 55110
 Ion Ratio Lower Upper
 276 100
 277 27.1 17.3 25.9
 138 10.1 9.6 14.4

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Reviewed By : Christian Giraldo 07/28/2022
 Supervised By : Jagrut Upadhyay 07/28/2022

