

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054288.D
 Acq On : 14 Jul 2022 20:28
 Operator : CG/JU
 Sample : N3711-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124042

Manual Integrations
 APPROVED

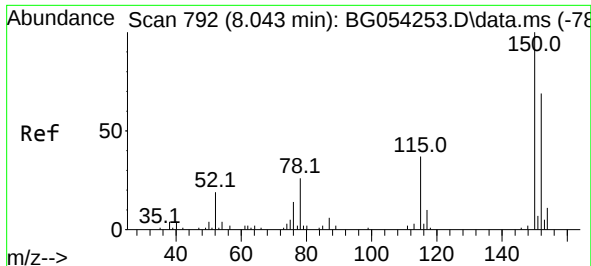
Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 01:59:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

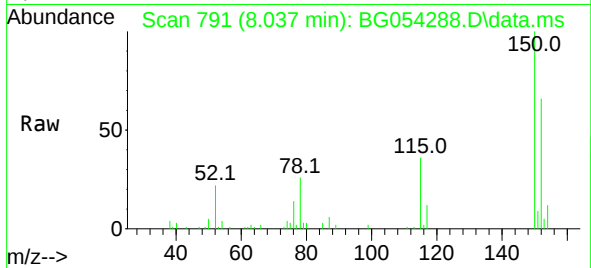
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	18275	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	74107	20.000	ng	# 0.00
39) Acenaphthene-d10	14.665	164	61914	20.000	ng	0.00
64) Phenanthrene-d10	17.408	188	169469	20.000	ng	#-0.01
76) Chrysene-d12	21.680	240	196532	20.000	ng	#-0.01
86) Perylene-d12	24.911	264	211996	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	77699	85.420	ng	0.00
7) Phenol-d6	7.203	99	106120	84.586	ng	0.00
23) Nitrobenzene-d5	9.200	82	68830	50.402	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	107382	89.535	ng	-0.01
45) 2-Fluorobiphenyl	13.290	172	222156	52.722	ng	0.00
79) Terphenyl-d14	20.017	244	509236	53.283	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.450	178	25908	3.056	ng	99
75) Fluoranthene	19.459	202	74599	6.471	ng	94
78) Pyrene	19.823	202	65089	5.755	ng	99
81) Benzo(a)anthracene	21.662	228	42552	3.423	ng	99
83) Chrysene	21.727	228	40829	3.472	ng	99
84) Bis(2-ethylhexyl)phtha...	21.562	149	76450	14.702	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.613	276	33231	2.084	ng	# 98
88) Benzo(b)fluoranthene	23.889	252	65048	5.174	ng	# 97
90) Benzo(a)pyrene	24.759	252	41194m	3.830	ng	
92) Benzo(g,h,i)perylene	29.759	276	30514	2.342	ng	# 92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

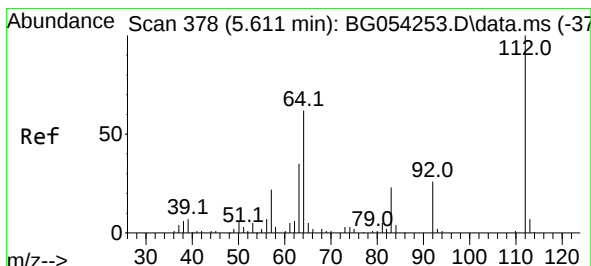
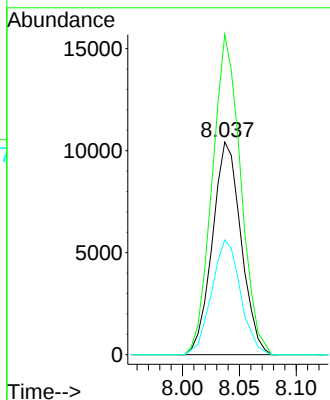
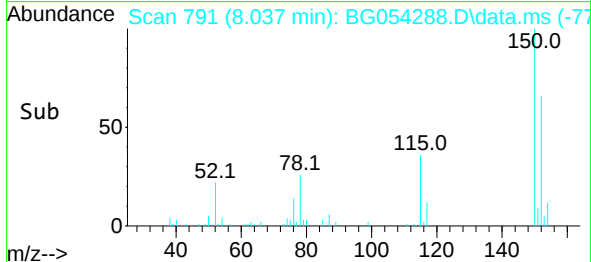
Instrument :
BNA_G
ClientSampleId :
PSC124042



Tgt Ion:152 Resp: 18279
Ion Ratio Lower Upper
152 100
150 150.4 131.6 197.4
115 53.9 50.9 76.3

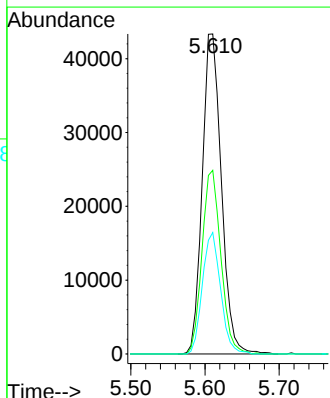
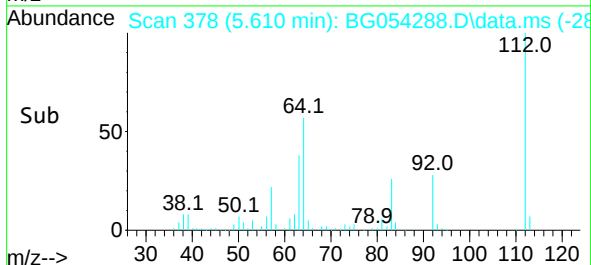
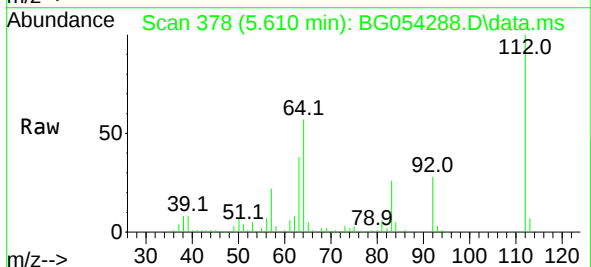
Manual Integrations
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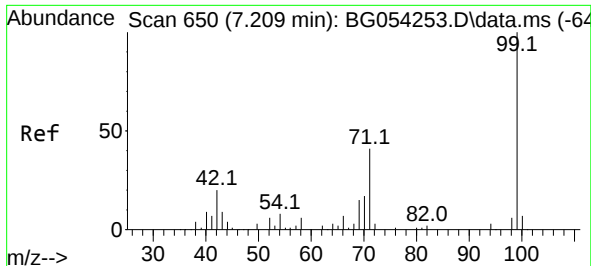
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#5
2-Fluorophenol
Concen: 85.420 ng
RT: 5.610 min Scan# 378
Delta R.T. -0.000 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

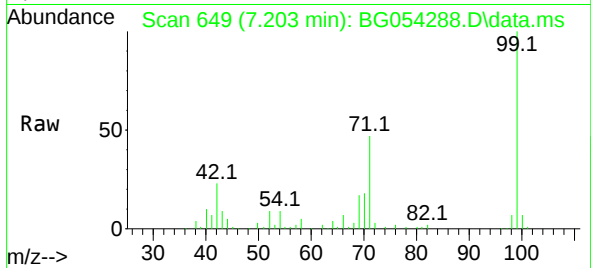
Tgt Ion:112 Resp: 77699
Ion Ratio Lower Upper
112 100
64 57.4 55.1 82.7
63 38.0 30.4 45.6





#7
Phenol-d6
Concen: 84.586 ng
RT: 7.203 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

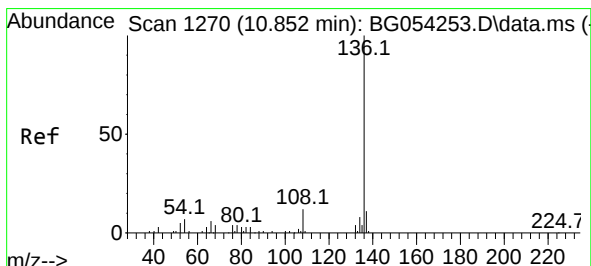
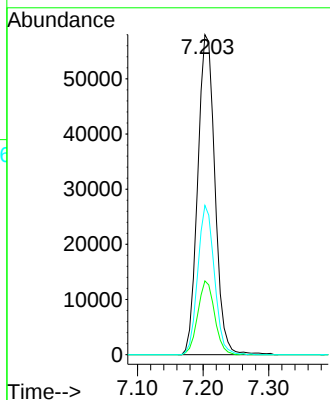
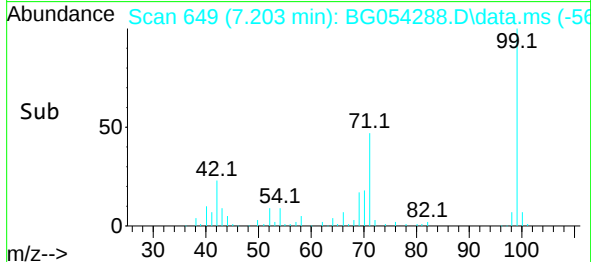
Instrument :
BNA_G
ClientSampleId :
PSC124042



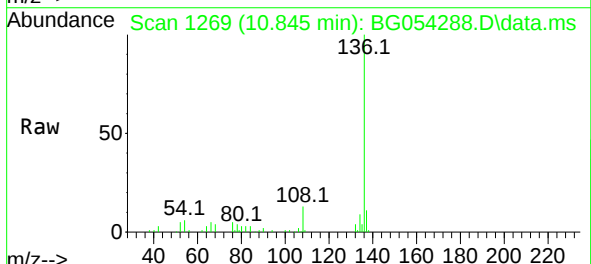
Tgt Ion: 99 Resp: 106120
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.6
71 46.7 33.8 50.8

Manual Integrations
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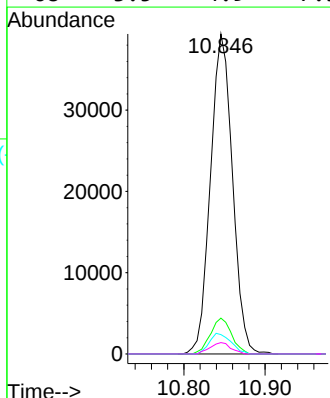
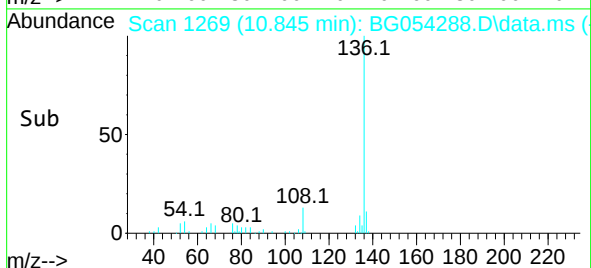
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

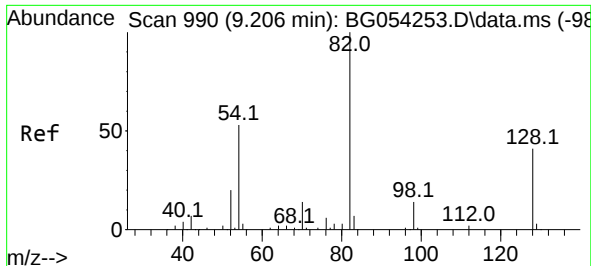


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1269
Delta R.T. -0.007 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28



Tgt Ion:136 Resp: 74107
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.1 7.4 11.2#
68 3.5 4.9 7.3#





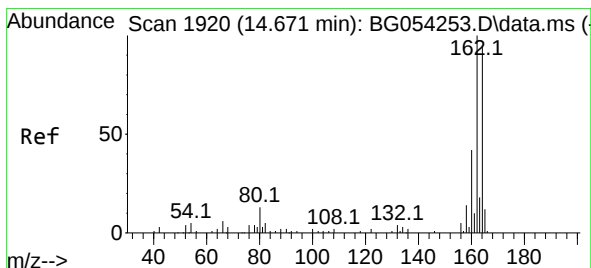
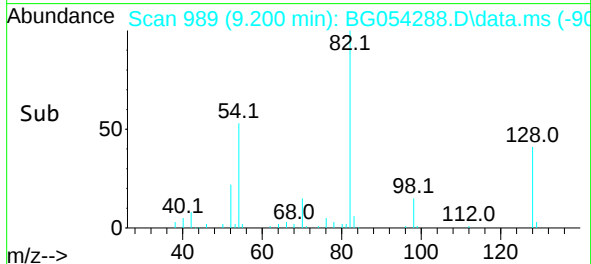
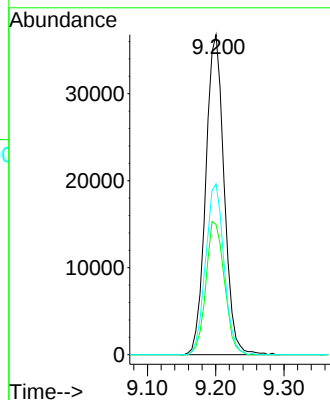
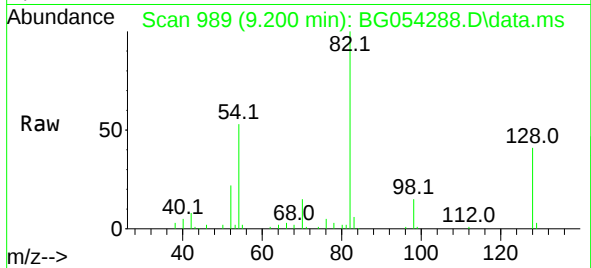
#23
Nitrobenzene-d5
Concen: 50.402 ng
RT: 9.200 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Instrument :
BNA_G
ClientSampleId :
PSC124042

Tgt Ion: 82 Resp: 68830
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 53.4 41.2 61.8

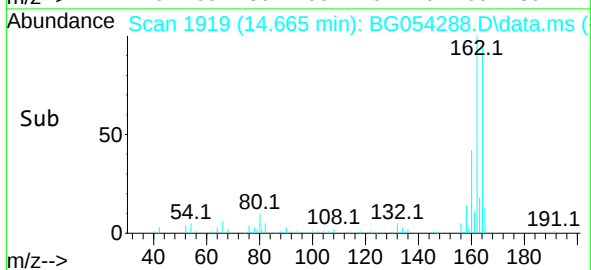
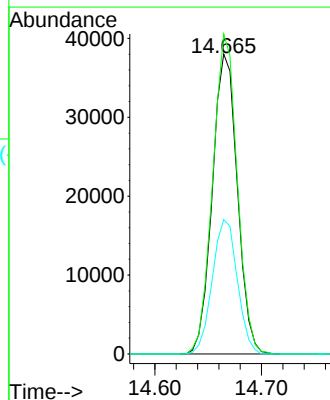
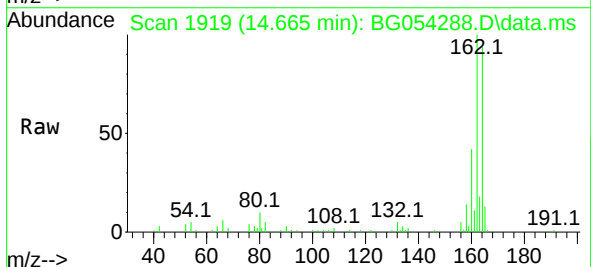
Manual Integrations
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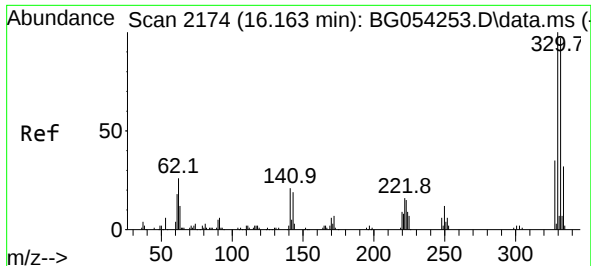
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.665 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:164 Resp: 61914
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 44.8 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 89.535 ng
RT: 16.151 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Instrument :

BNA_G

ClientSampleId :

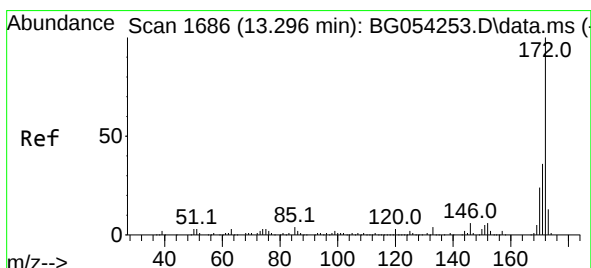
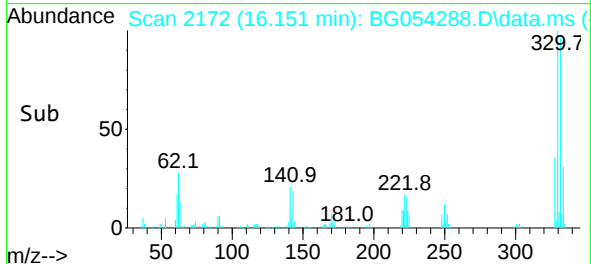
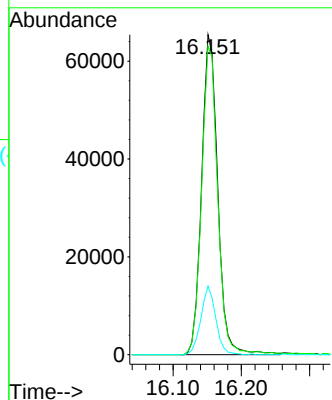
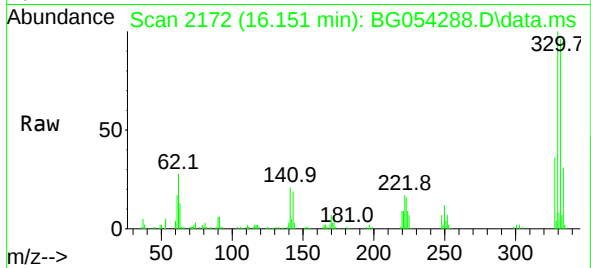
PSC124042

Tgt Ion:330 Resp: 10738
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 19.8 27.1 40.7

Manual Integrations

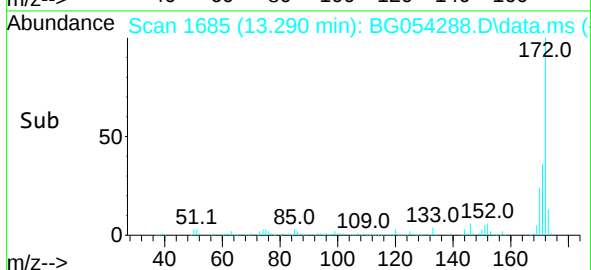
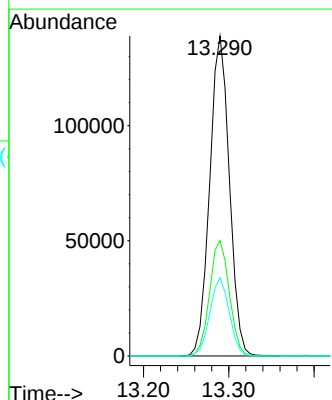
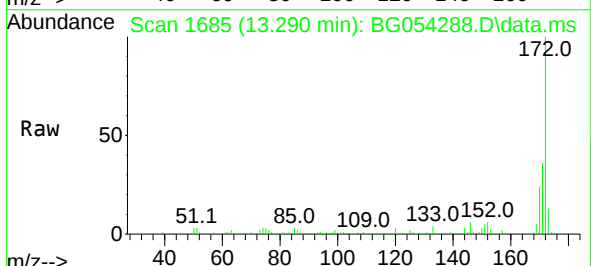
APPROVED

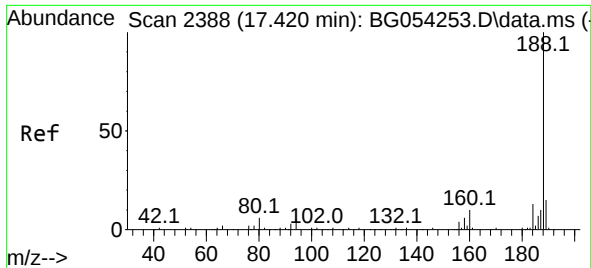
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#45
2-Fluorobiphenyl
Concen: 52.722 ng
RT: 13.290 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

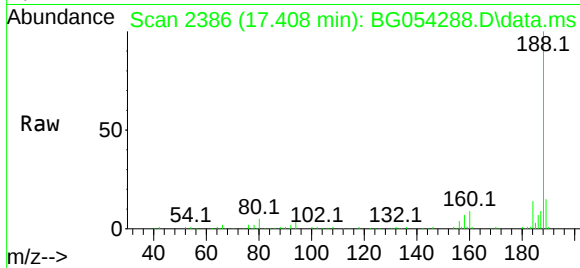
Tgt Ion:172 Resp: 222156
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.408 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

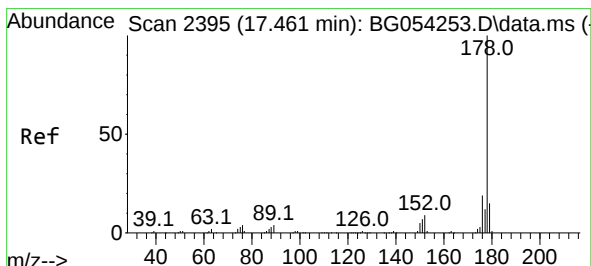
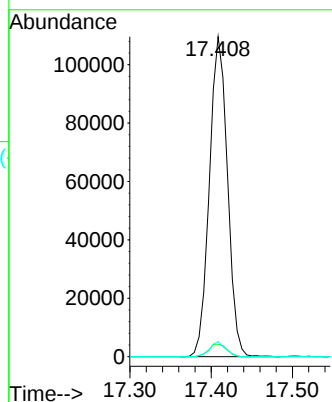
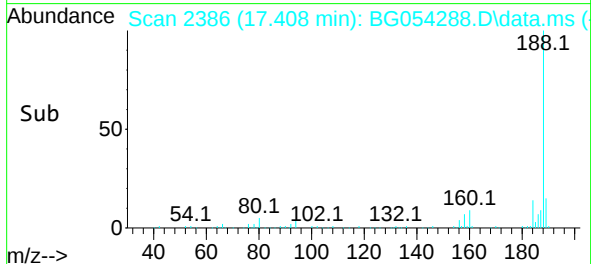
Instrument :
BNA_G
ClientSampleId :
PSC124042



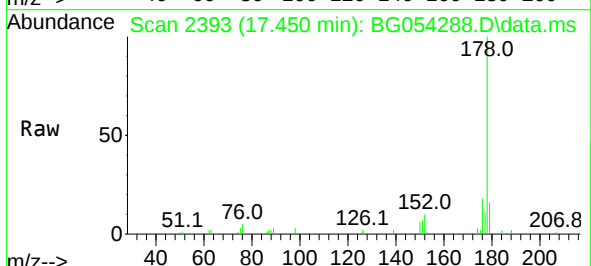
Tgt Ion:188 Resp: 169469
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.8 6.8 10.2

Manual Integrations
APPROVED

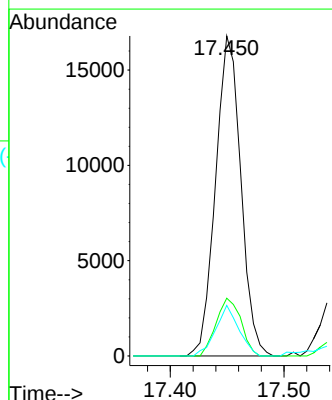
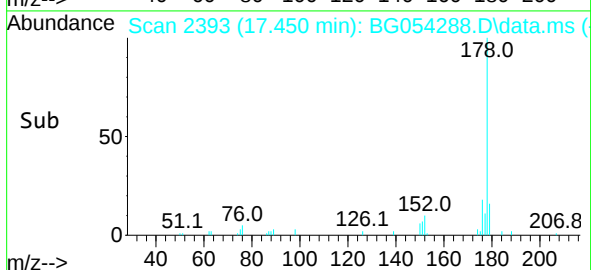
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

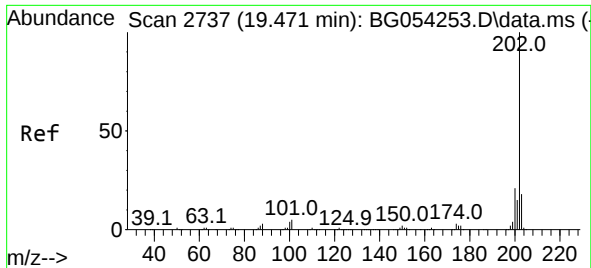


#71
Phenanthrene
Concen: 3.056 ng
RT: 17.450 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28



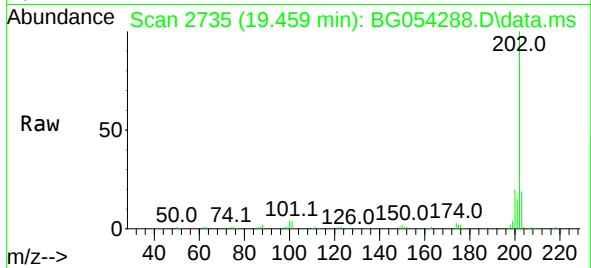
Tgt Ion:178 Resp: 25908
Ion Ratio Lower Upper
178 100
176 18.0 14.1 21.1
179 15.8 12.1 18.1





#75
Fluoranthene
Concen: 6.471 ng
RT: 19.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

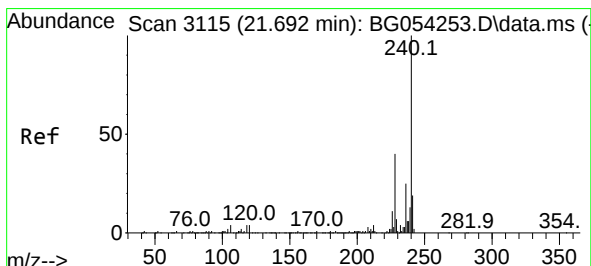
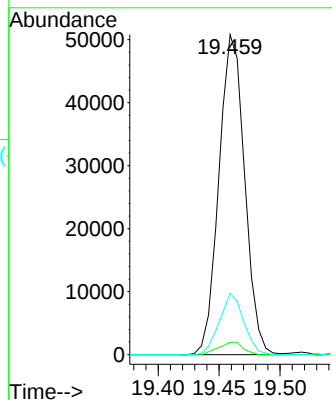
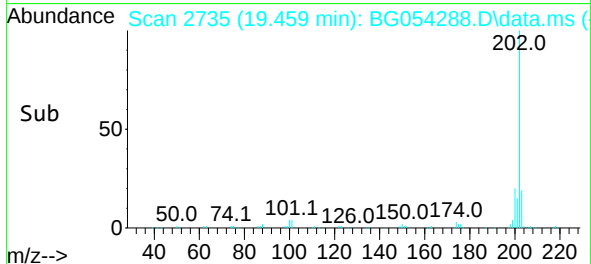
Instrument :
BNA_G
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PSC124042



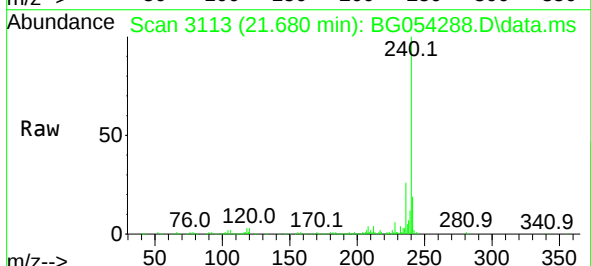
Tgt Ion:202 Resp: 74599
Ion Ratio Lower Upper
202 100
101 3.8 0.0 26.9
203 19.2 0.0 37.2

Manual Integrations
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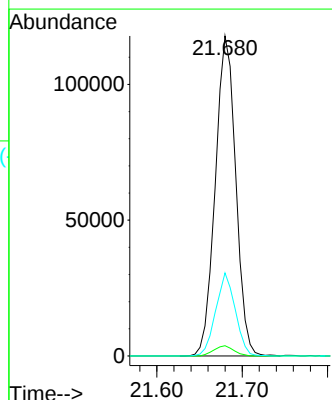
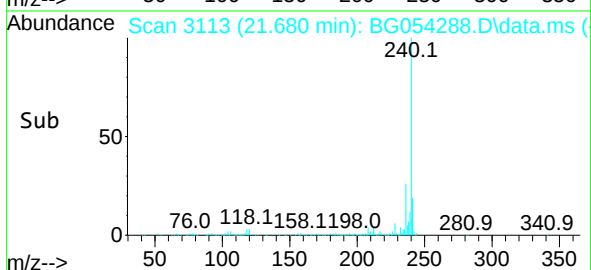
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

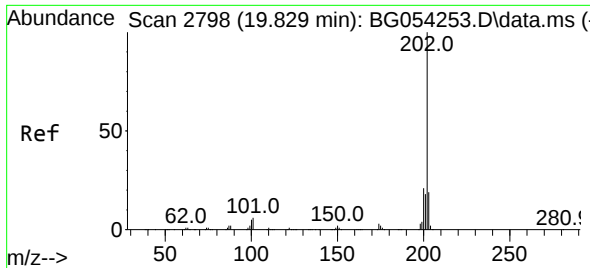


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.680 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28



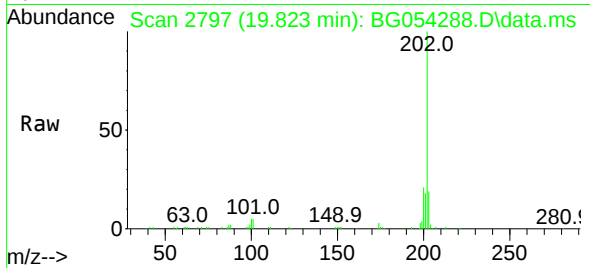
Tgt Ion:240 Resp: 196532
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 26.0 20.2 30.4





#78
 Pyrene
 Concen: 5.755 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

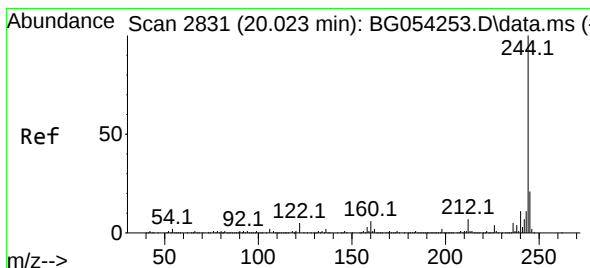
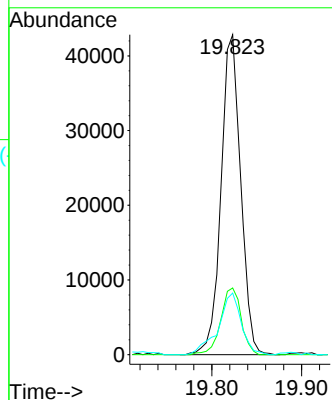
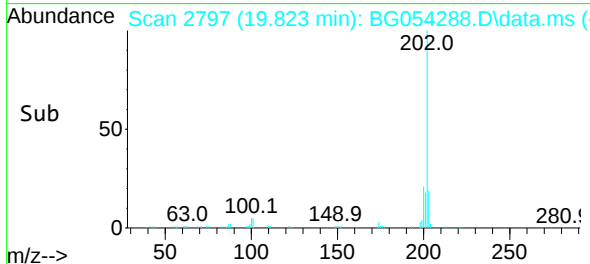
Instrument :
 BNA_G
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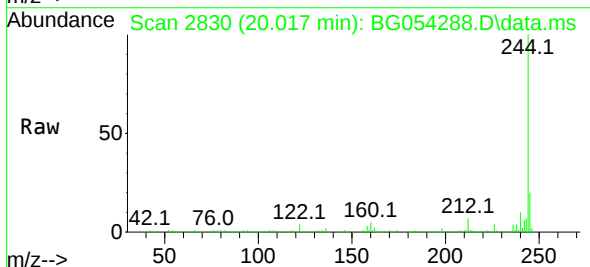
Tgt Ion:202 Resp: 65089
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 24.8
 203 19.2 14.6 21.8

Manual Integrations
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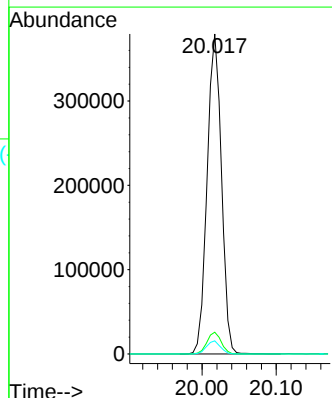
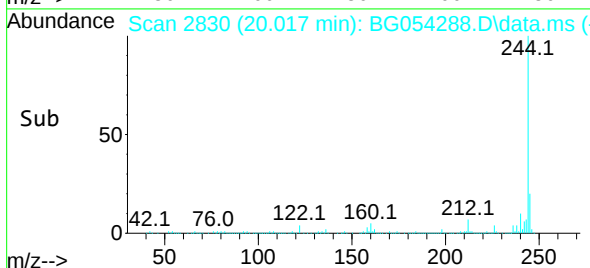
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022

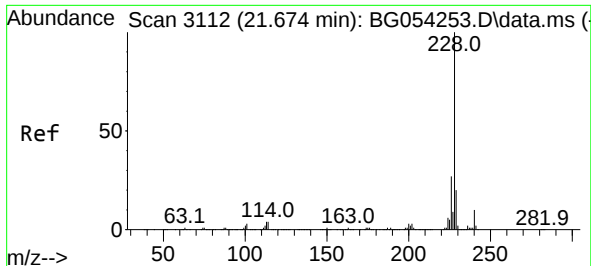


#79
 Terphenyl-d14
 Concen: 53.283 ng
 RT: 20.017 min Scan# 2830
 Delta R.T. -0.006 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28



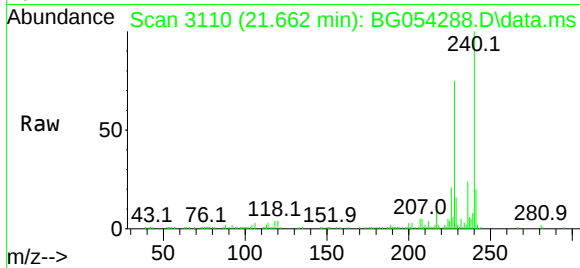
Tgt Ion:244 Resp: 509236
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.1 5.0 7.4





#81
Benzo(a)anthracene
Concen: 3.423 ng
RT: 21.662 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

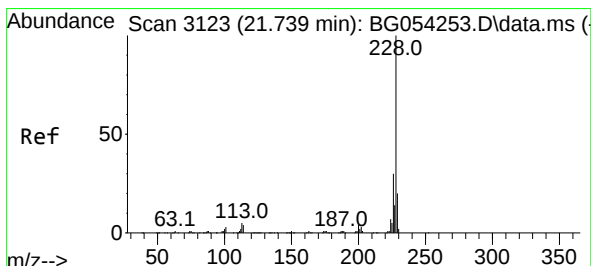
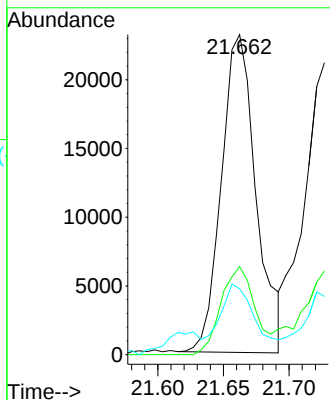
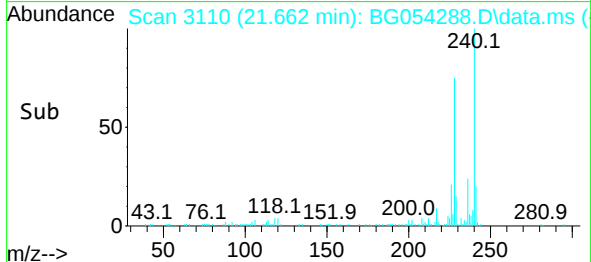
Instrument :
BNA_G
ClientSampleId :
PSC124042



Tgt Ion:228 Resp: 42552
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.6 16.2 24.2

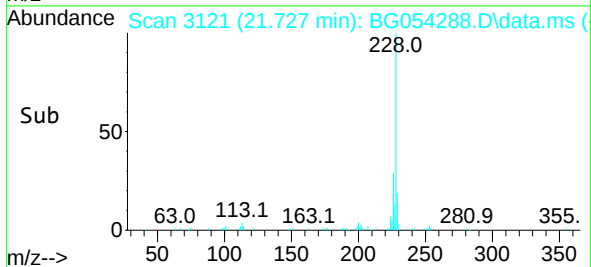
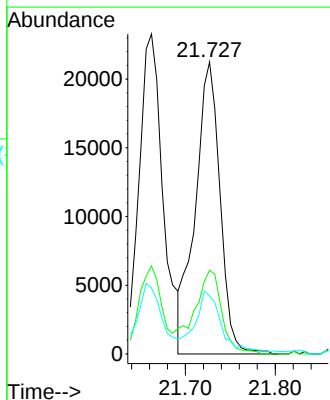
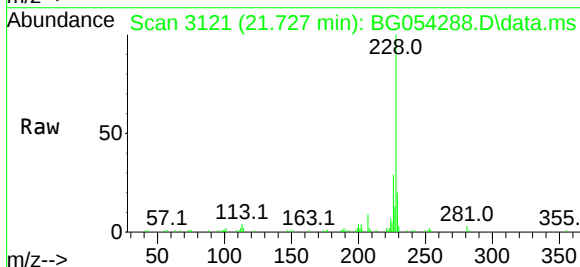
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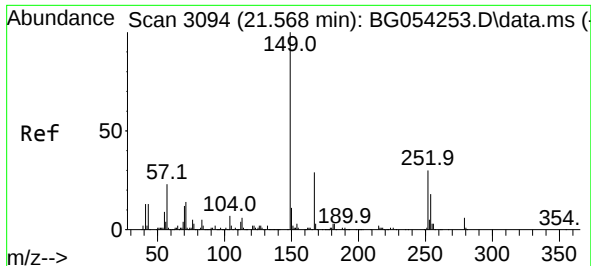
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#83
Chrysene
Concen: 3.472 ng
RT: 21.727 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

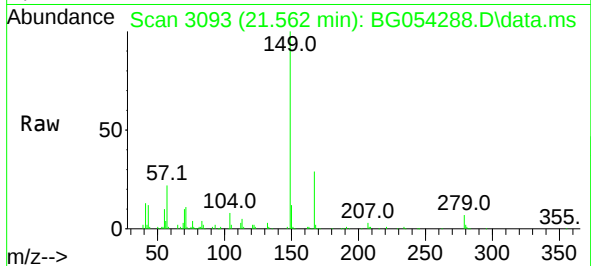
Tgt Ion:228 Resp: 40829
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 19.9 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 14.702 ng
RT: 21.562 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

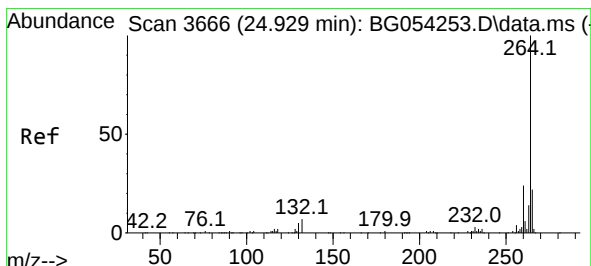
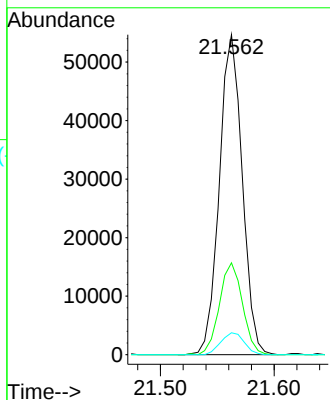
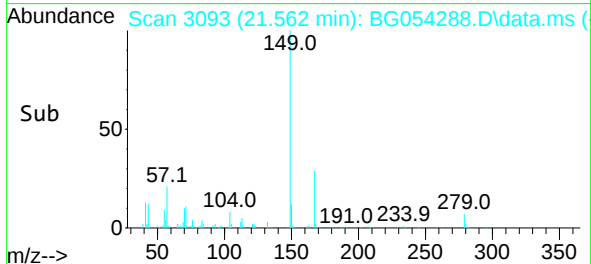
Instrument :
BNA_G
ClientSampleId :
PSC124042



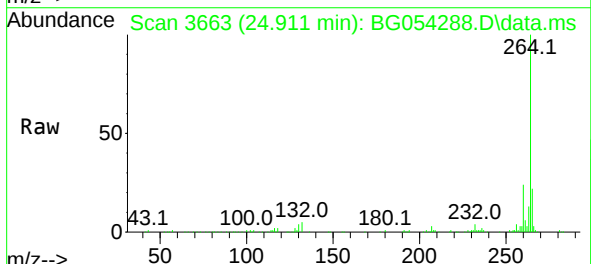
Tgt Ion:149 Resp: 76450
Ion Ratio Lower Upper
149 100
167 28.7 20.2 30.4
279 6.9 3.6 5.4

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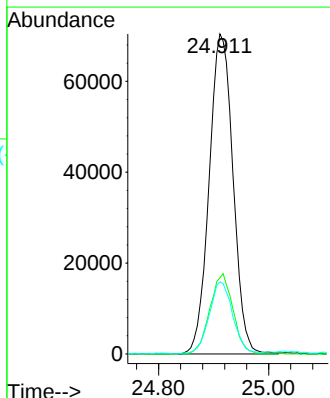
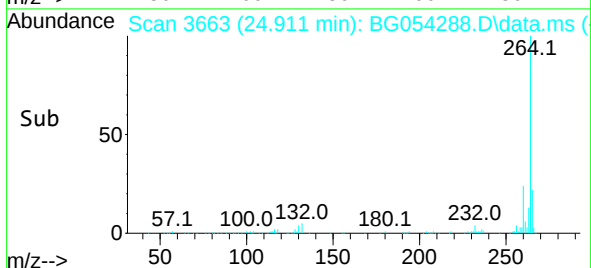
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

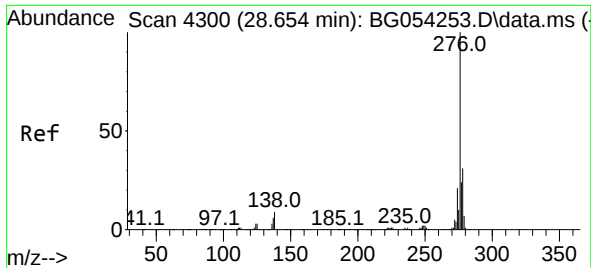


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.911 min Scan# 3663
Delta R.T. -0.018 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28



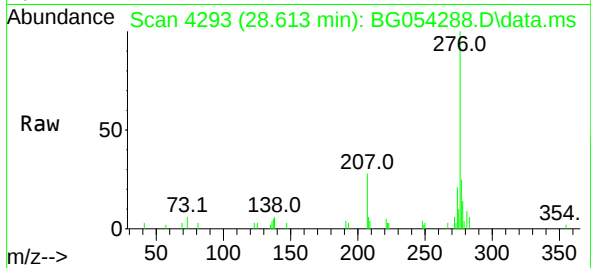
Tgt Ion:264 Resp: 211996
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.5 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.084 ng
 RT: 28.613 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28

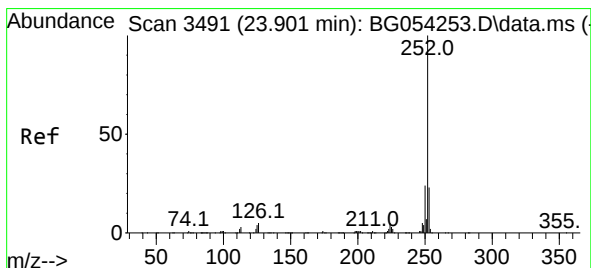
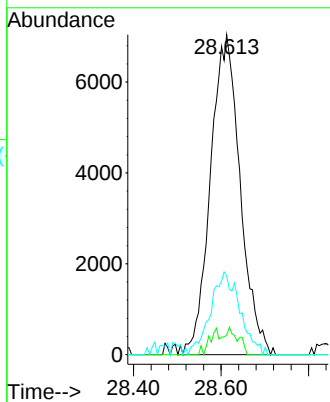
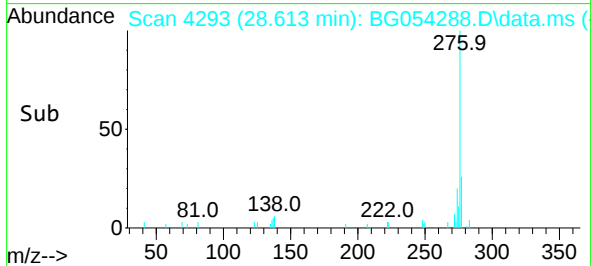
Instrument :
 BNA_G
 ClientSampleId :
 PSC124042



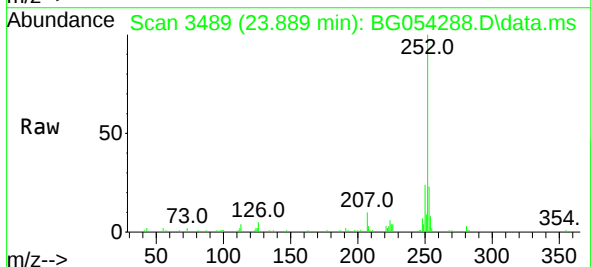
Tgt Ion:276 Resp: 3323
 Ion Ratio Lower Upper
 276 100
 138 3.8 5.0 7.4
 277 25.5 20.3 30.5

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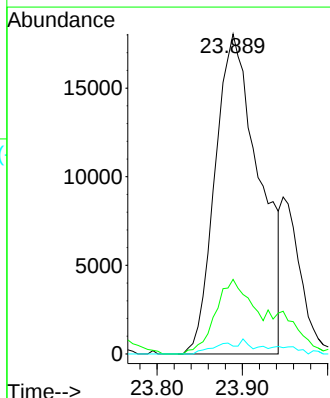
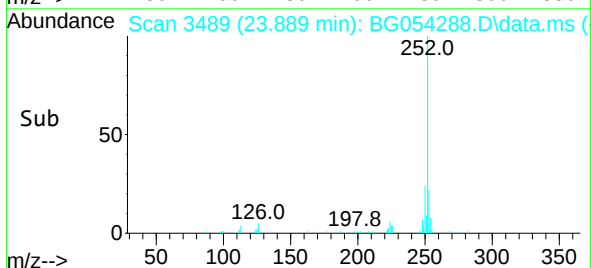
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022

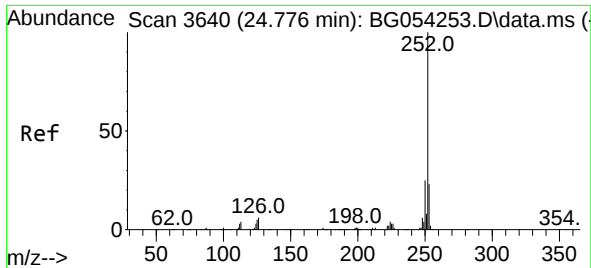


#88
 Benzo(b)fluoranthene
 Concen: 5.174 ng
 RT: 23.889 min Scan# 3489
 Delta R.T. -0.012 min
 Lab File: BG054288.D
 Acq: 14 Jul 2022 20:28



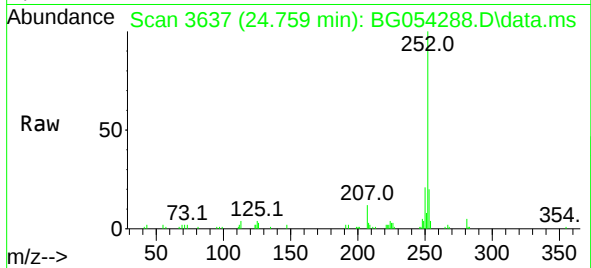
Tgt Ion:252 Resp: 65048
 Ion Ratio Lower Upper
 252 100
 253 23.3 18.0 27.0
 125 2.5 4.6 6.8





#90
Benzo(a)pyrene
Concen: 3.830 ng m
RT: 24.759 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

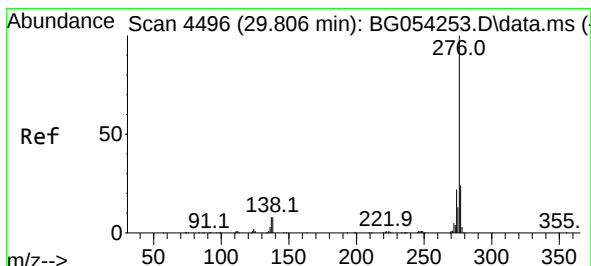
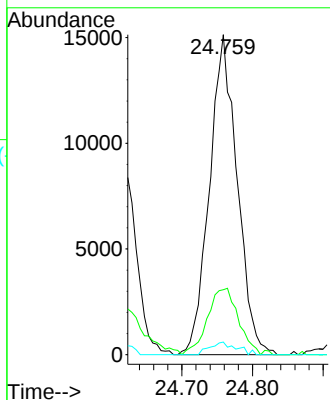
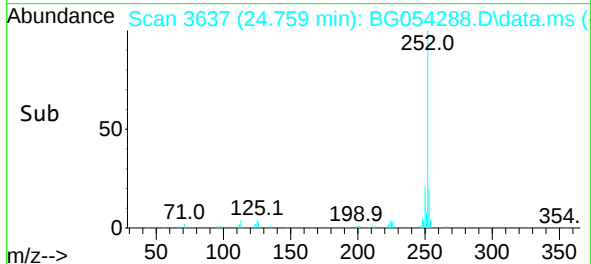
Instrument :
BNA_G
ClientSampleId :
PSC124042



Tgt Ion:252 Resp: 41194
Ion Ratio Lower Upper
252 100
253 20.3 17.8 26.8
125 4.0 4.3 6.5

Manual Integrations
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Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#92
Benzo(g,h,i)perylene
Concen: 2.342 ng
RT: 29.759 min Scan# 4488
Delta R.T. -0.047 min
Lab File: BG054288.D
Acq: 14 Jul 2022 20:28

Tgt Ion:276 Resp: 30514
Ion Ratio Lower Upper
276 100
277 23.2 17.3 25.9
138 5.2 9.6 14.4

